

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041719\
 Data File : VX009029.D
 Acq On : 17 Apr 2019 20:51
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 18 01:40:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	210538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	350958	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	308739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	142880	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	154670	52.13	ug/l	0.00
Spiked Amount 50.000			Recovery =	104.26%		
35) Dibromofluoromethane	5.50	113	113049	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.38%		
50) Toluene-d8	8.71	98	450178	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.24%		
62) 4-Bromofluorobenzene	11.13	95	157662	49.72	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.44%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	122886	50.675	ug/l	99
3) Chloromethane	1.32	50	150408	50.521	ug/l	100
4) Vinyl Chloride	1.41	62	144875	49.998	ug/l	100
5) Bromomethane	1.64	94	78830	43.949	ug/l	98
6) Chloroethane	1.71	64	85144	49.970	ug/l	97
7) Trichlorofluoromethane	1.92	101	164350	48.580	ug/l	98
8) Diethyl Ether	2.19	74	77392	50.021	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	104075	48.114	ug/l	98
10) Methyl Iodide	2.51	142	120526	50.877	ug/l	100
11) Tert butyl alcohol	3.06	59	169982	258.091	ug/l	99
12) 1,1-Dichloroethene	2.37	96	109805	48.634	ug/l	98
13) Acrolein	2.29	56	119871	210.645	ug/l	99
14) Allyl chloride	2.73	41	253931	51.551	ug/l	99
15) Acrylonitrile	3.14	53	441451	264.045	ug/l	100
16) Acetone	2.45	43	381847	248.169	ug/l	99
17) Carbon Disulfide	2.56	76	304676	46.024	ug/l	99
18) Methyl Acetate	2.78	43	202683	52.780	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	414074	51.471	ug/l	99
20) Methylene Chloride	2.85	84	128783	48.943	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	115297	47.877	ug/l	96
22) Diisopropyl ether	3.86	45	500482	52.288	ug/l	88
23) Vinyl Acetate	3.81	43	2239609	266.181	ug/l	98
24) 1,1-Dichloroethane	3.70	63	243175	50.611	ug/l	99
25) 2-Butanone	4.68	43	655382	266.476	ug/l	99
26) 2,2-Dichloropropane	4.59	77	149986	41.644	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	134510	49.196	ug/l	99
28) Bromochloromethane	5.02	49	116451	58.685	ug/l	99
29) Tetrahydrofuran	5.13	42	437162	265.566	ug/l	99
30) Chloroform	5.21	83	217939	50.688	ug/l	99
31) Cyclohexane	5.58	56	233270	49.361	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	180278	50.590	ug/l	99
36) 1,1-Dichloropropene	5.80	75	167997	46.284	ug/l	99
37) Ethyl Acetate	4.84	43	248044	53.108	ug/l	100
38) Carbon Tetrachloride	5.79	117	148372	48.218	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	203290	46.001	ug/l	99
40) Benzene	6.14	78	521208	48.676	ug/l	100
41) Methacrylonitrile	5.04	41	139231	51.941	ug/l	100
42) 1,2-Dichloroethane	6.19	62	185628	48.938	ug/l	99
43) Isopropyl Acetate	6.45	43	389477	51.747	ug/l	99
44) Trichloroethene	7.21	130	122670	46.756	ug/l	98
45) 1,2-Dichloropropane	7.51	63	149607	50.362	ug/l	99
46) Dibromomethane	7.66	93	84224	48.718	ug/l	99
47) Bromodichloromethane	7.90	83	168231	49.613	ug/l	99
48) Methyl methacrylate	7.77	41	194294	52.244	ug/l	98
49) 1,4-Dioxane	7.74	88	68485	983.872	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1238679	258.326	ug/l	100
52) Toluene	8.79	92	308227	48.030	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	189790	48.634	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	211797	48.470	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	125510	49.348	ug/l	99
56) Ethyl methacrylate	9.18	69	232082	50.889	ug/l	98
57) 1,3-Dichloropropane	9.37	76	224005	49.466	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	606997	247.164	ug/l	99
59) 2-Hexanone	9.49	43	941437	254.659	ug/l	99
60) Dibromochloromethane	9.58	129	124441	51.050	ug/l	100
61) 1,2-Dibromoethane	9.67	107	130599	49.752	ug/l	99
64) Tetrachloroethene	9.34	164	112413	47.929	ug/l	98
65) Chlorobenzene	10.14	112	314222	48.218	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	115276	50.213	ug/l	99
67) Ethyl Benzene	10.25	91	585635	49.161	ug/l	99
68) m/p-Xylenes	10.36	106	420702	97.174	ug/l	98
69) o-Xylene	10.69	106	205652	48.819	ug/l	99
70) Styrene	10.71	104	358439	49.101	ug/l	99
71) Bromoform	10.85	173	90547	49.507	ug/l #	98
73) Isopropylbenzene	11.02	105	548909	50.683	ug/l	100
74) N-amyl acetate	10.90	43	324676	52.212	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	197383	49.881	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	233867	67.033	ug/l	80
77) Bromobenzene	11.26	156	131350	48.069	ug/l	98
78) n-propylbenzene	11.36	91	627144	50.452	ug/l	100
79) 2-Chlorotoluene	11.42	91	370375	49.445	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	460121	50.629	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	65471	48.177	ug/l	96
82) 4-Chlorotoluene	11.51	91	425914	48.958	ug/l	100
83) tert-Butylbenzene	11.77	119	428660	49.127	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	460098	49.735	ug/l	100
85) sec-Butylbenzene	11.94	105	518433	49.818	ug/l	100
86) p-Isopropyltoluene	12.06	119	469617	49.084	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	227200	47.506	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	225193	46.450	ug/l	99
89) n-Butylbenzene	12.38	91	429831	48.239	ug/l	99
90) Hexachloroethane	12.60	117	78726	49.883	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	227232	48.116	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	45741	50.769	ug/l	96

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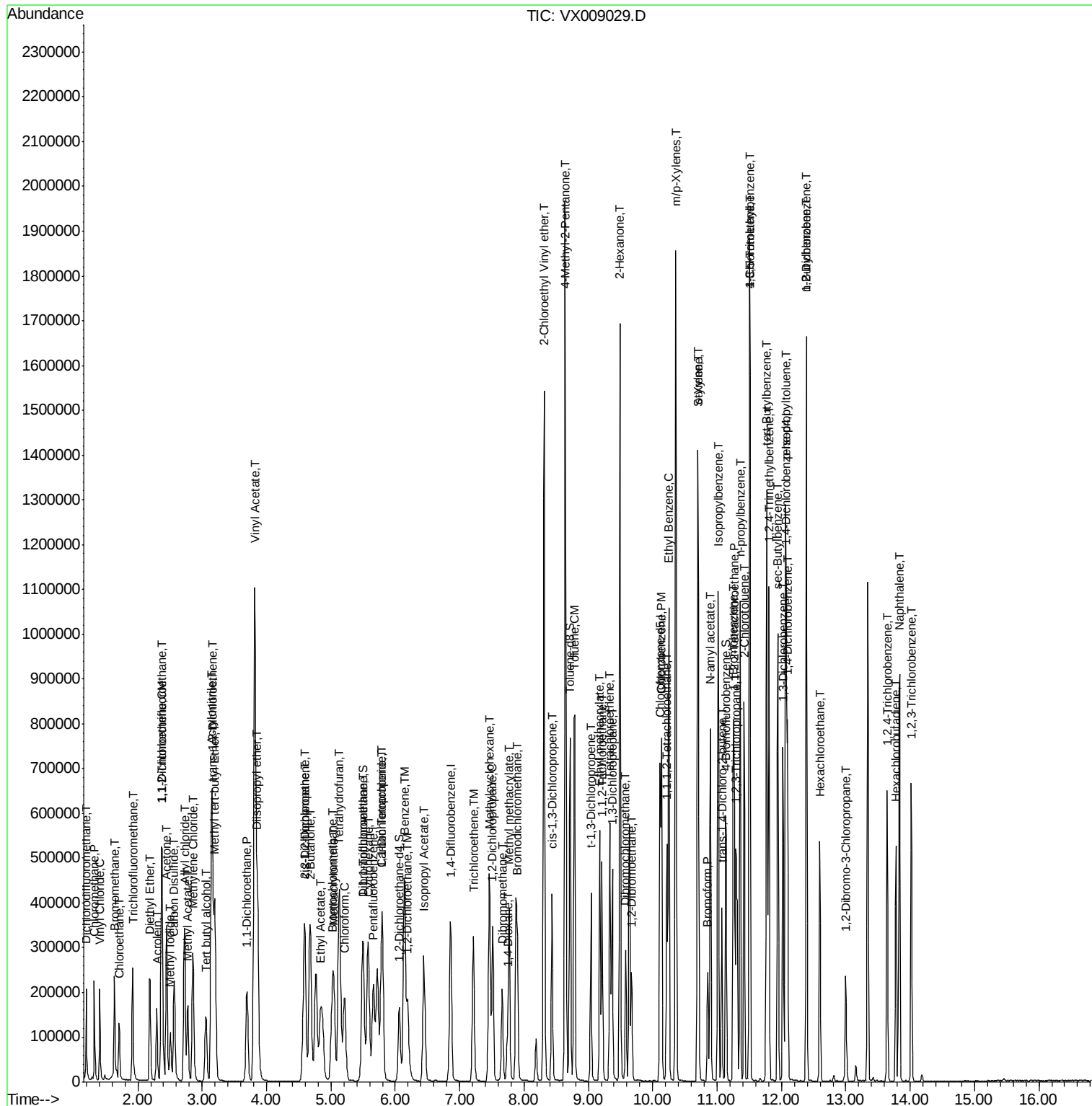
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	158742	46.564	ug/l	100
94) Hexachlorobutadiene	13.78	225	78154	45.965	ug/l	99
95) Naphthalene	13.83	128	539955	49.437	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	160662	47.764	ug/l	99

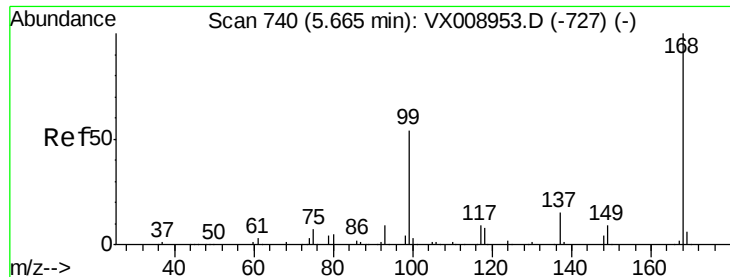
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

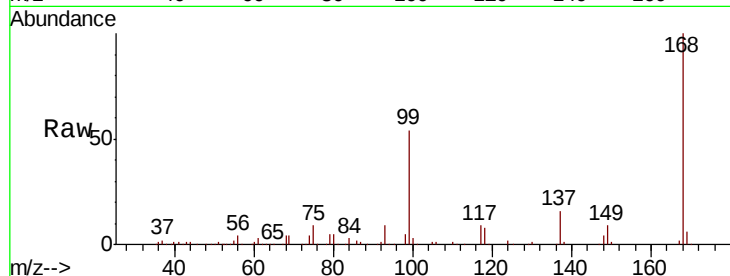
VSTDCCC050EC

Tot Ion:168 Resp: 210538

Ion Ratio Lower Upper

168 100

99 54.0 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

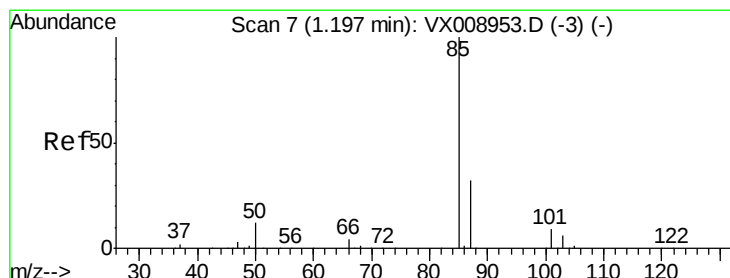
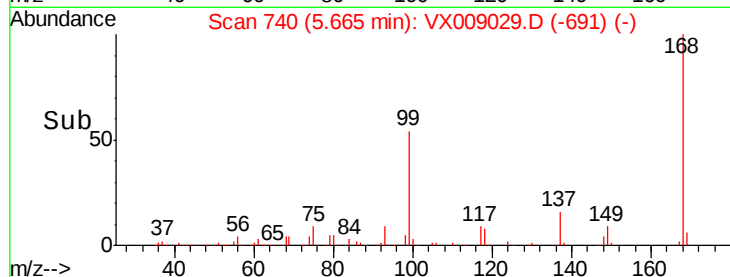
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 50.675 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009029.D

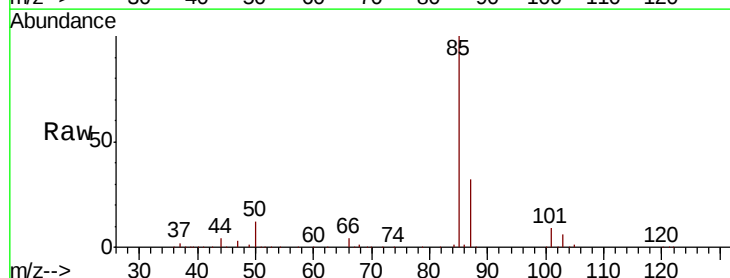
Acq: 17 Apr 2019 20:51

Tgt Ion: 85 Resp: 122886

Ion Ratio Lower Upper

85 100

87 32.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

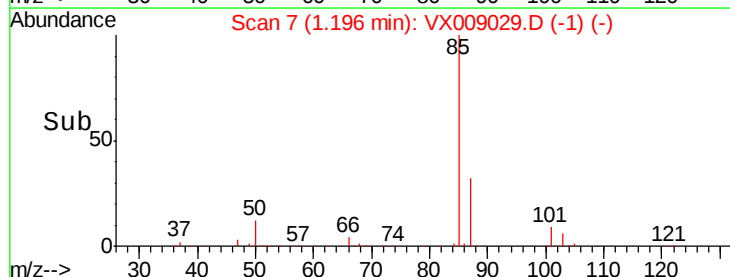
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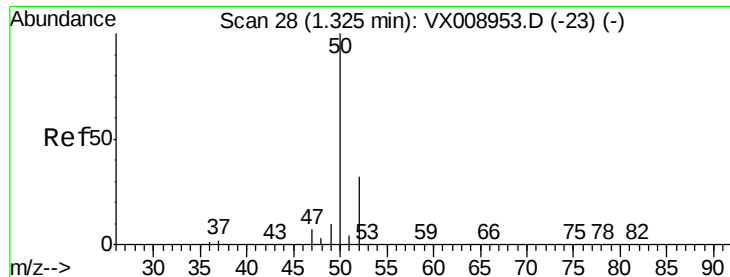
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 50.521 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

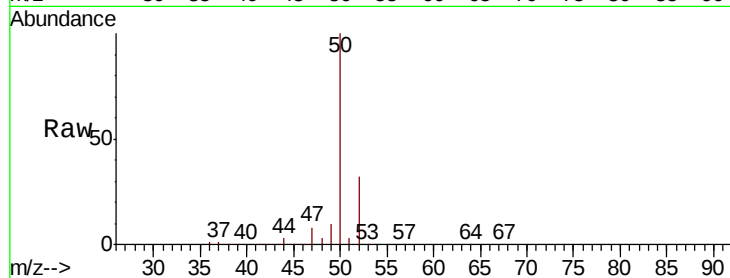
VSTDCCC050EC

Tot Ion: 50 Resp: 150408

Ion Ratio Lower Upper

50 100

52 31.9 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

150000

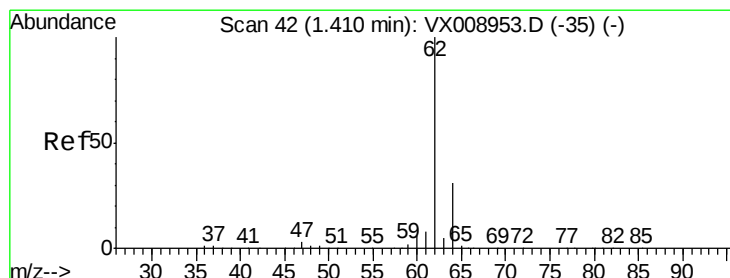
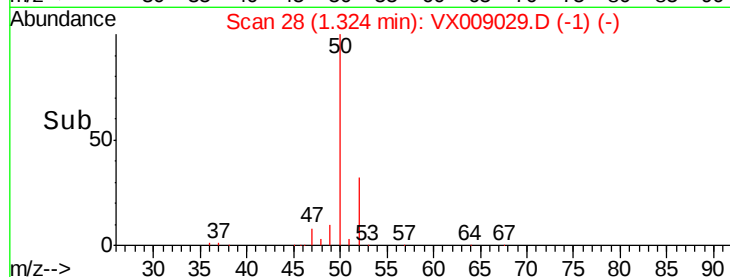
100000

50000

0

1.25 1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 49.998 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009029.D

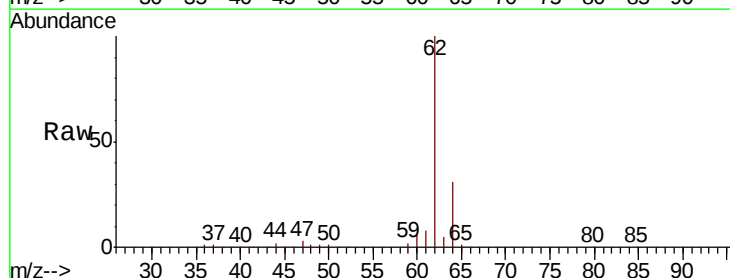
Acq: 17 Apr 2019 20:51

Tgt Ion: 62 Resp: 144875

Ion Ratio Lower Upper

62 100

64 31.1 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

150000

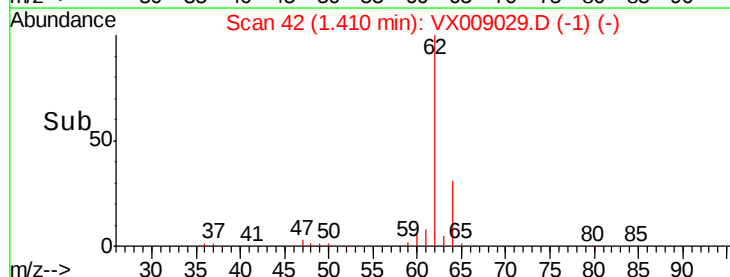
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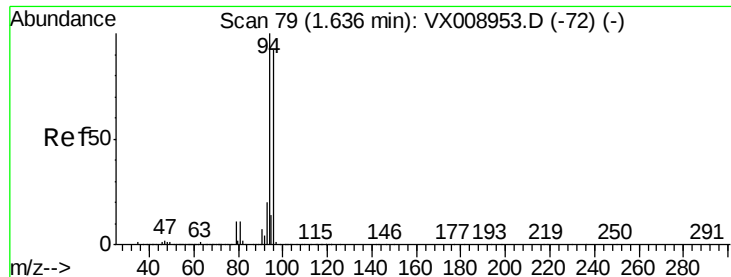
50000

0

1.35 1.40 1.45 1.50

Time-->





#5

Bromomethane

Concen: 43.949 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

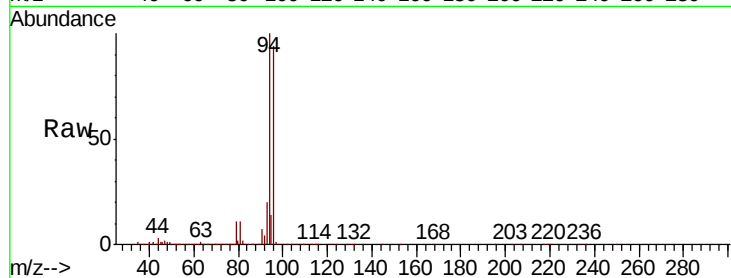
VSTDCCC050EC

Tot Ion: 94 Resp: 78830

Ion Ratio Lower Upper

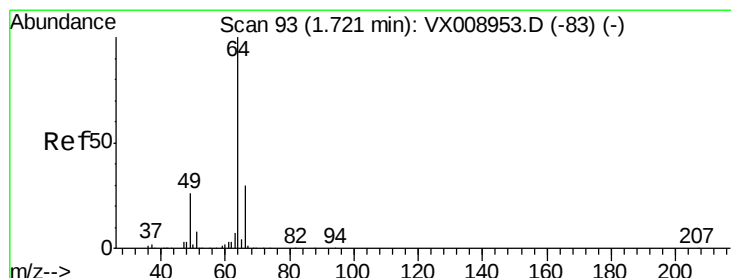
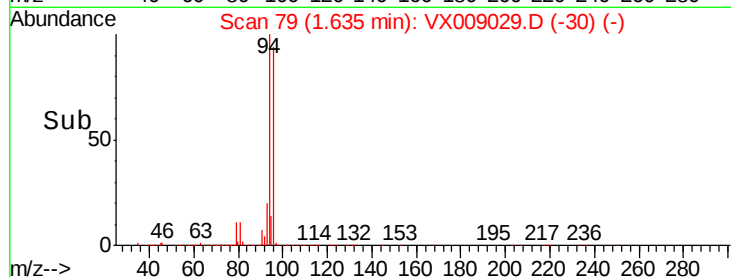
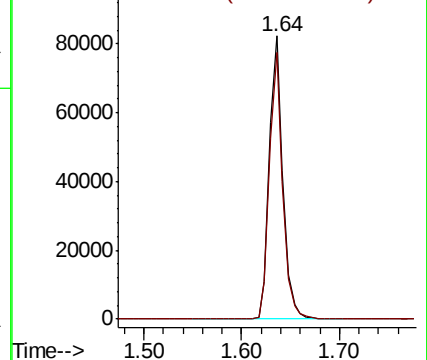
94 100

96 94.2 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.970 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX009029.D

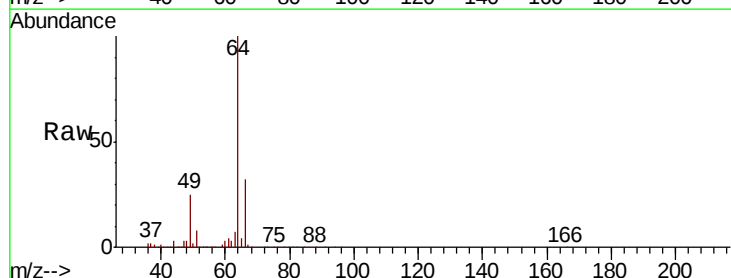
Acq: 17 Apr 2019 20:51

Tgt Ion: 64 Resp: 85144

Ion Ratio Lower Upper

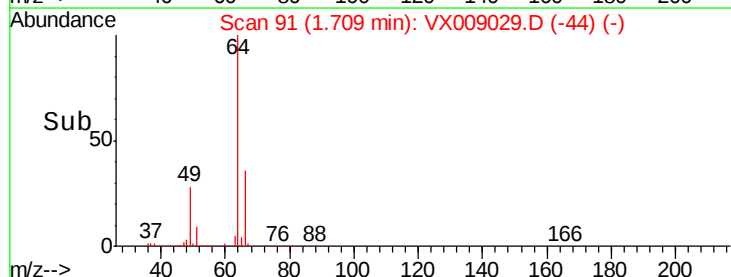
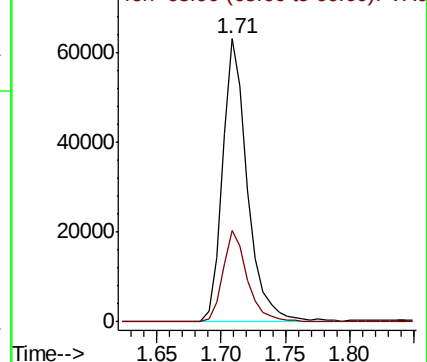
64 100

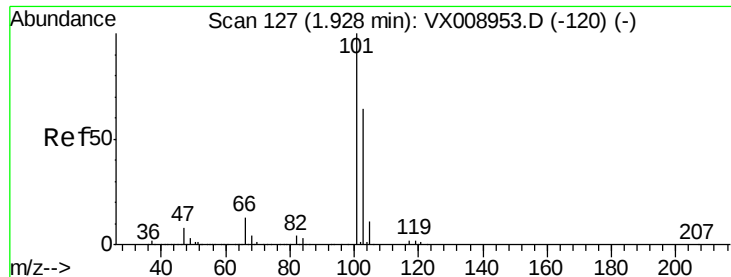
66 32.0 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



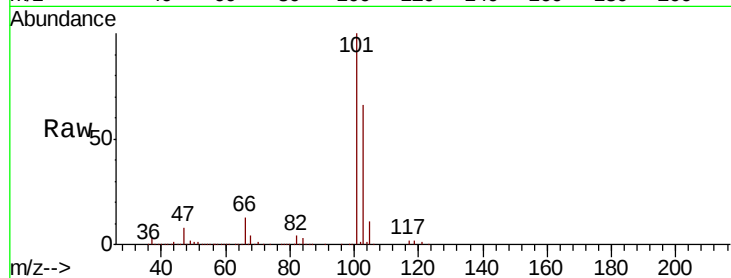


#7

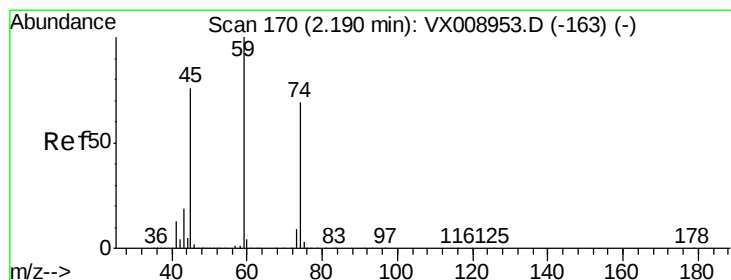
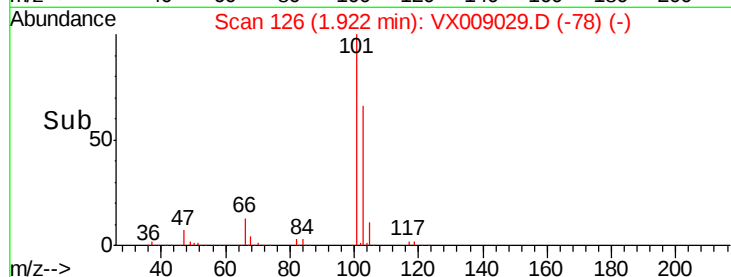
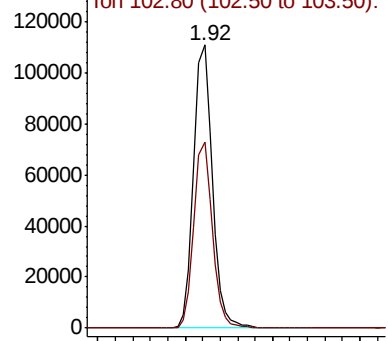
Trichlorofluoromethane
Concen: 48.580 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

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Tot Ion:101 Resp: 164350
Ion Ratio Lower Upper
101 100
103 65.6 51.0 76.6



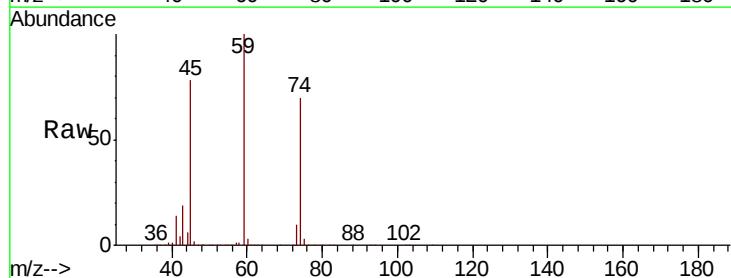
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



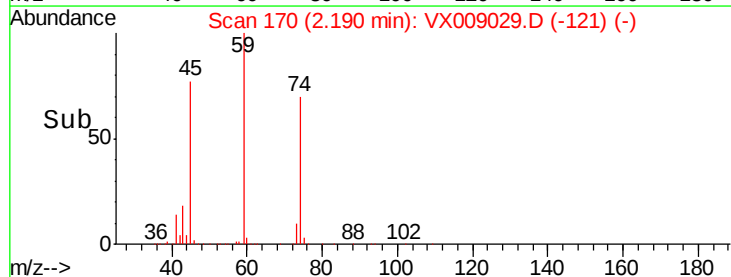
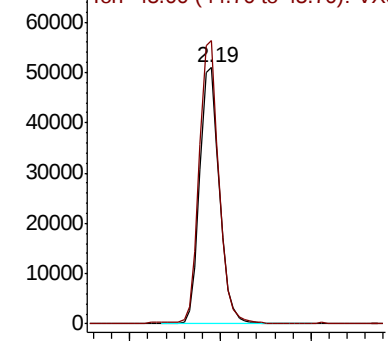
#8

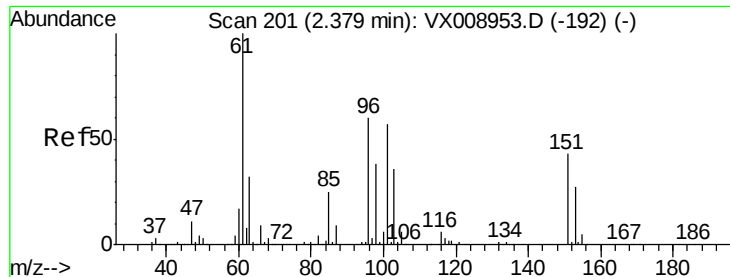
Diethyl Ether
Concen: 50.021 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Tgt Ion: 74 Resp: 77392
Ion Ratio Lower Upper
74 100
45 108.9 54.9 164.8



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.114 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009029.D

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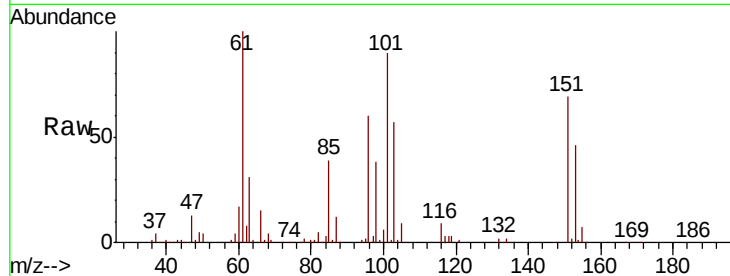
Tot Ion:101 Resp: 104075

Ion Ratio Lower Upper

101 100

85 44.5 35.7 53.5

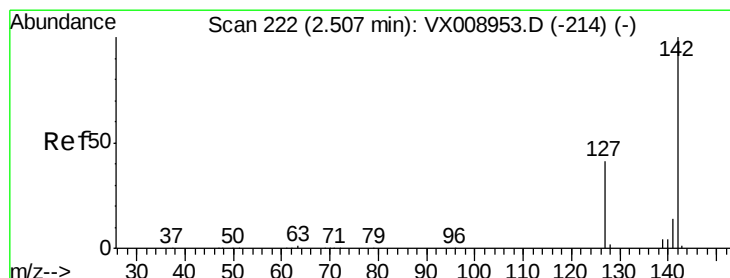
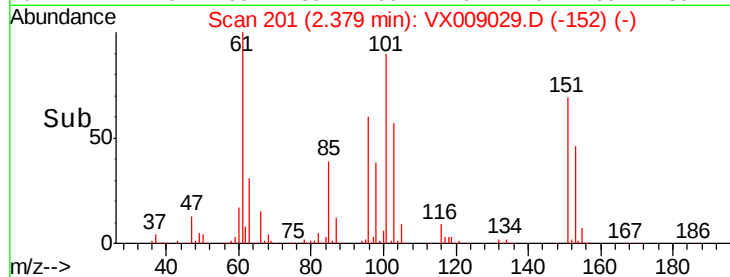
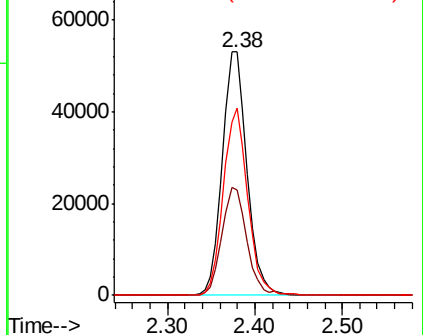
151 76.0 62.7 94.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.877 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

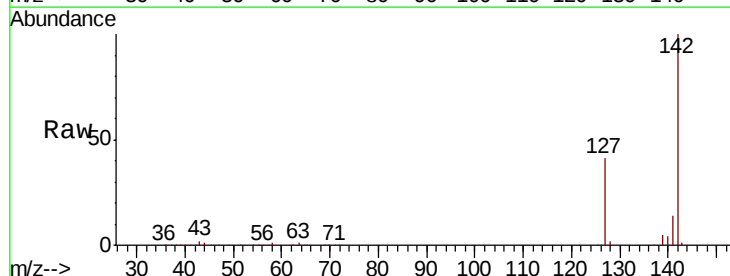
Tgt Ion:142 Resp: 120526

Ion Ratio Lower Upper

142 100

127 41.0 32.8 49.2

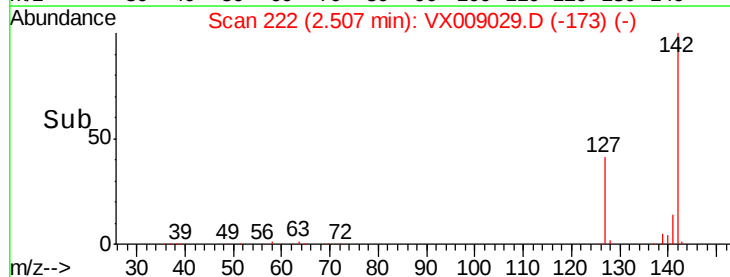
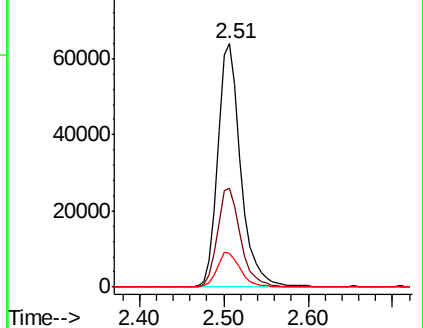
141 14.5 11.4 17.2

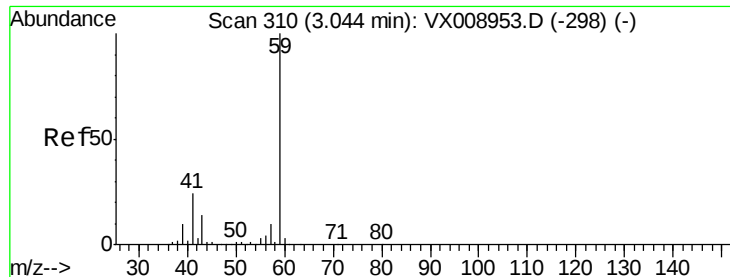


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



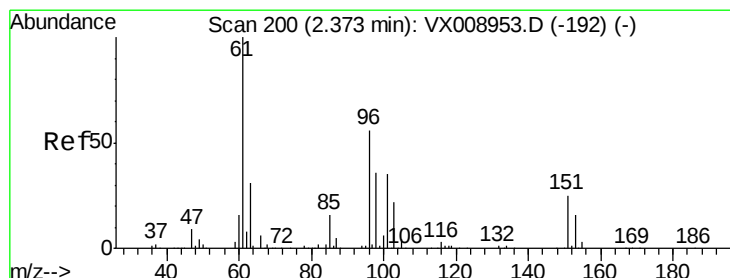
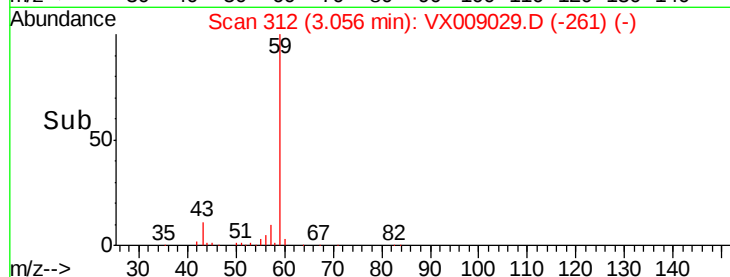
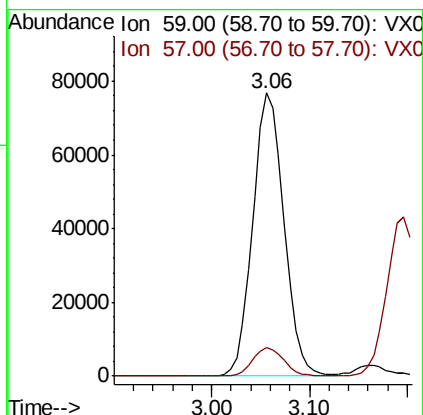
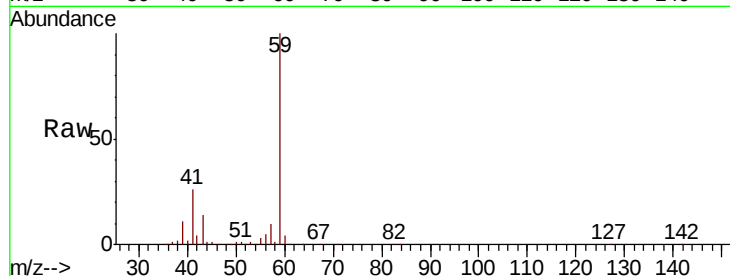


#11

Tert butyl alcohol
 Concen: 258.091 ug/l
 RT: 3.06 min Scan# 312
 Delta R.T. 0.01 min
 Lab File: VX009029.D
 Acq: 17 Apr 2019 20:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

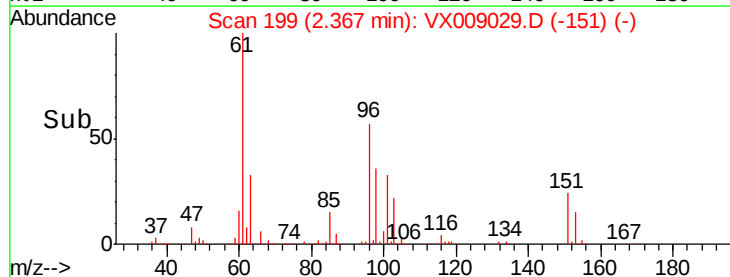
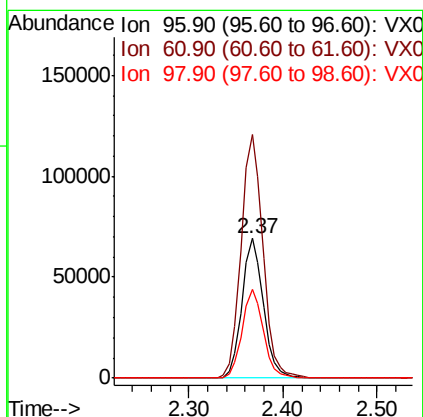
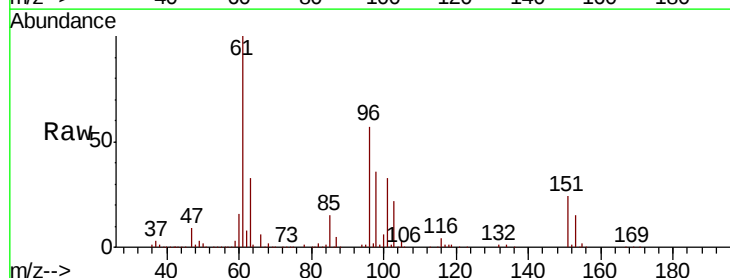
Tot Ion: 59 Resp: 169982
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.4 12.6

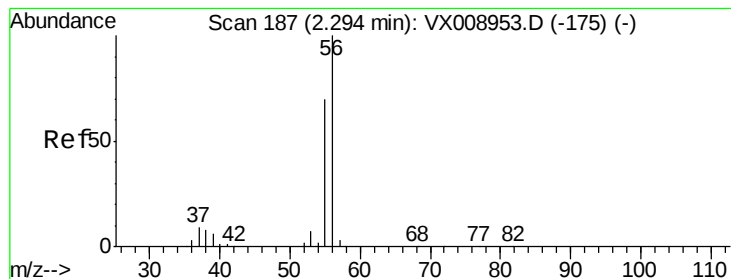


#12

1,1-Dichloroethene
 Concen: 48.634 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX009029.D
 Acq: 17 Apr 2019 20:51

Tgt Ion: 96 Resp: 109805
 Ion Ratio Lower Upper
 96 100
 61 174.0 142.2 213.2
 98 63.1 50.9 76.3





#13

Acrolein

Concen: 210.645 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

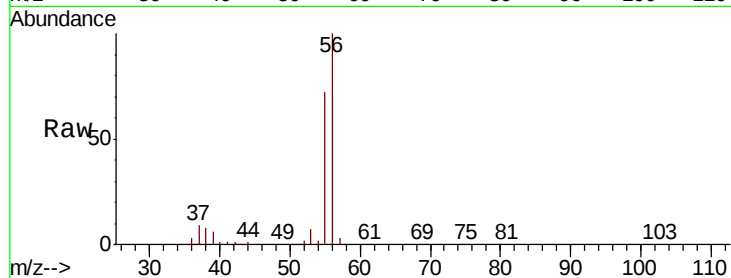
VSTDCCC050EC

Tot Ion: 56 Resp: 119871

Ion Ratio Lower Upper

56 100

55 71.3 56.6 84.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

80000

60000

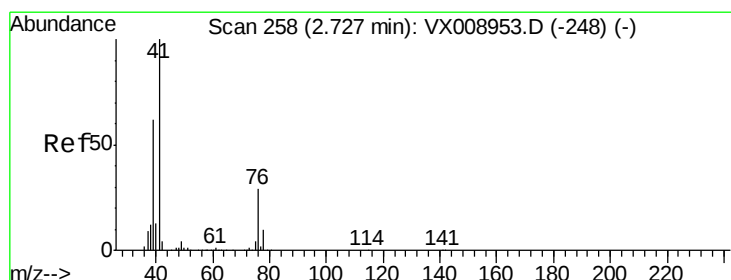
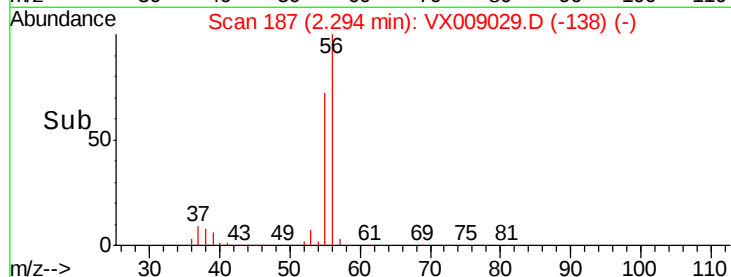
40000

20000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 51.551 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

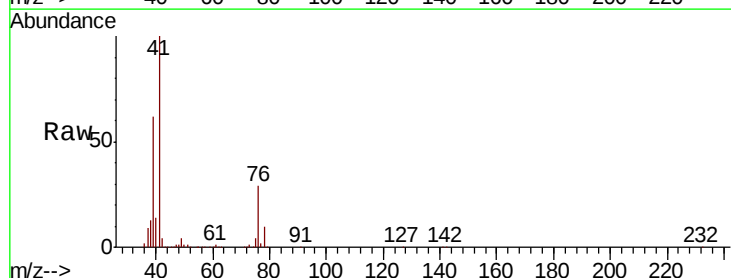
Tgt Ion: 41 Resp: 253931

Ion Ratio Lower Upper

41 100

39 58.7 46.7 70.1

76 26.8 22.0 33.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

150000

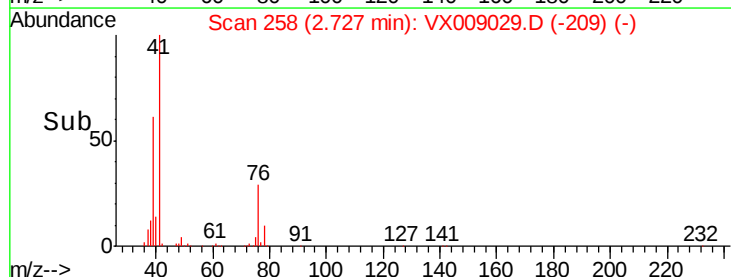
100000

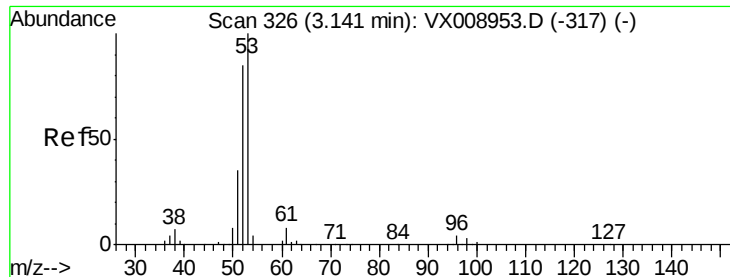
50000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 264.045 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

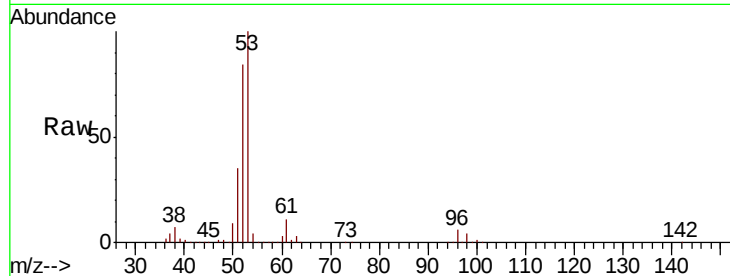
Tot Ion: 53 Resp: 441451

Ion Ratio Lower Upper

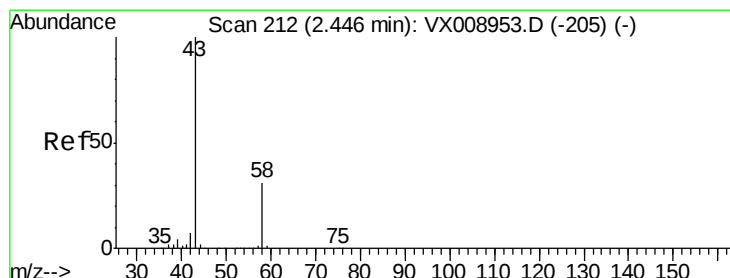
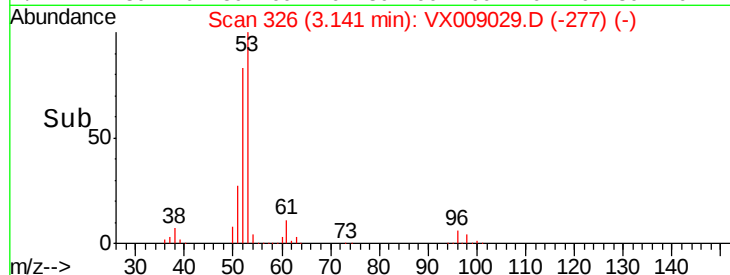
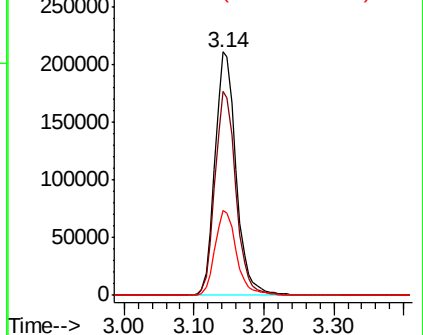
53 100

52 83.1 66.6 100.0

51 35.3 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 248.169 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009029.D

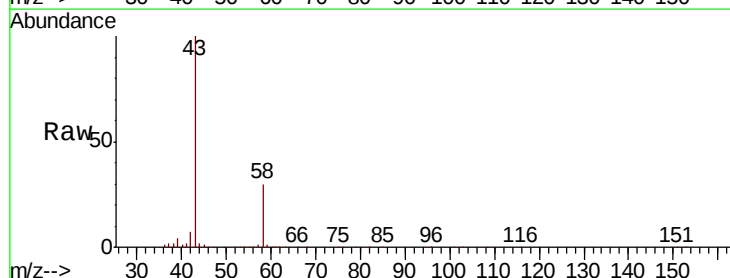
Acq: 17 Apr 2019 20:51

Tgt Ion: 43 Resp: 381847

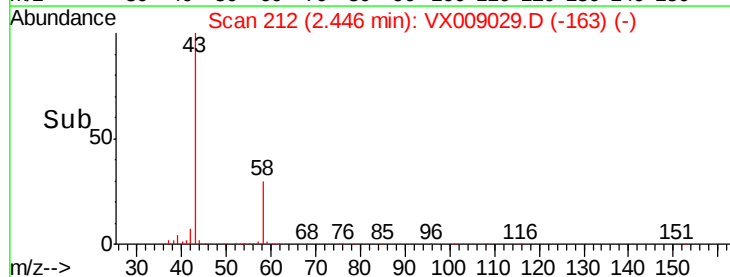
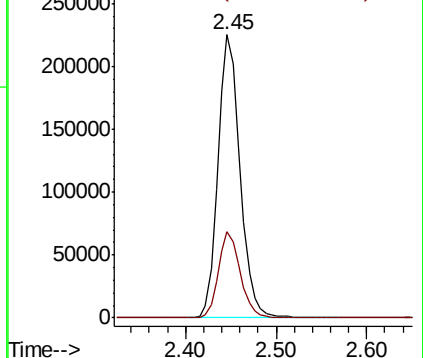
Ion Ratio Lower Upper

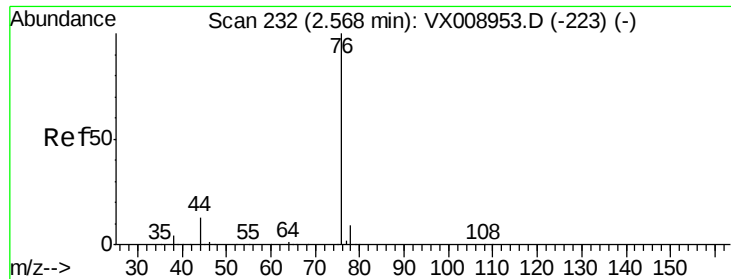
43 100

58 30.2 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

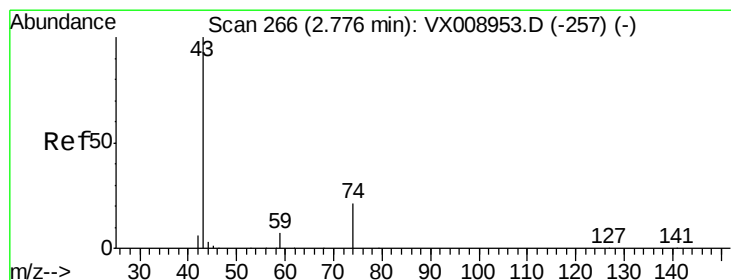
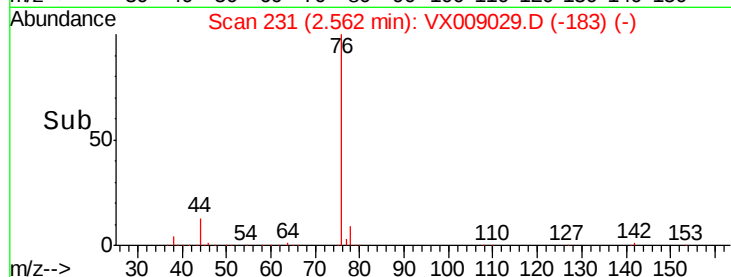
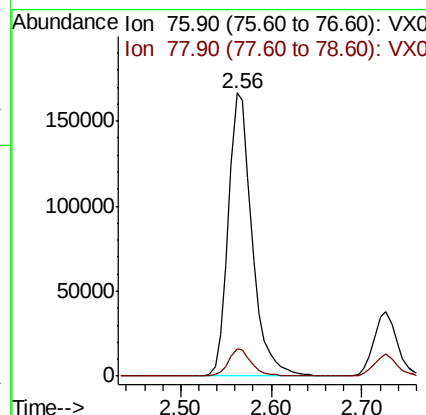
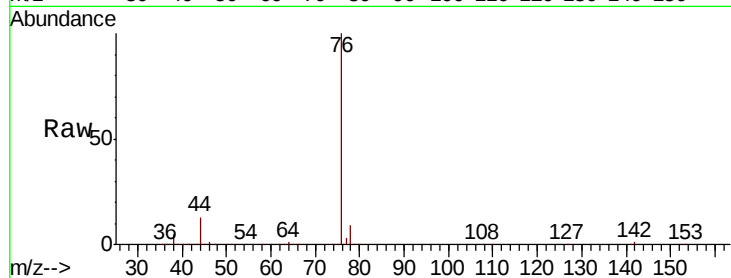




#17
Carbon Disulfide
Concen: 46.024 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

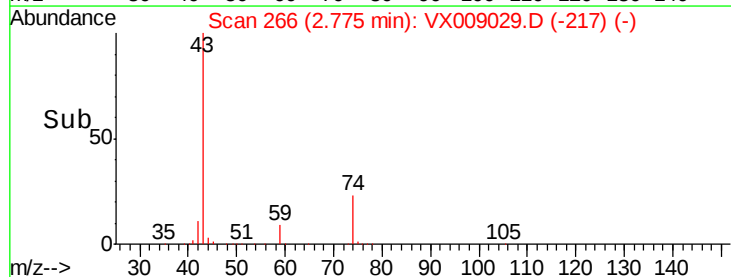
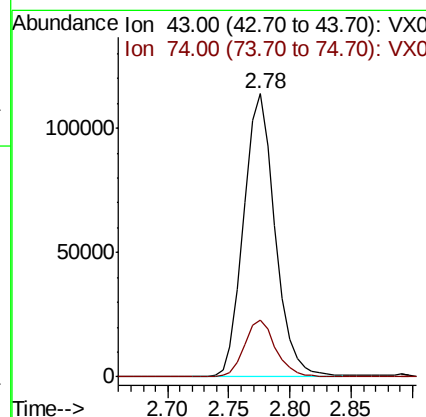
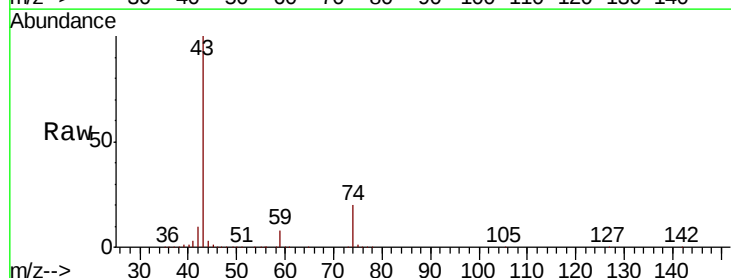
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

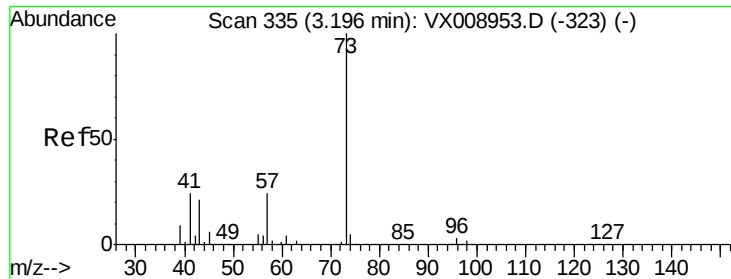
Tot Ion: 76 Resp: 304676
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#18
Methyl Acetate
Concen: 52.780 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Tgt Ion: 43 Resp: 202683
Ion Ratio Lower Upper
43 100
74 19.6 16.6 25.0

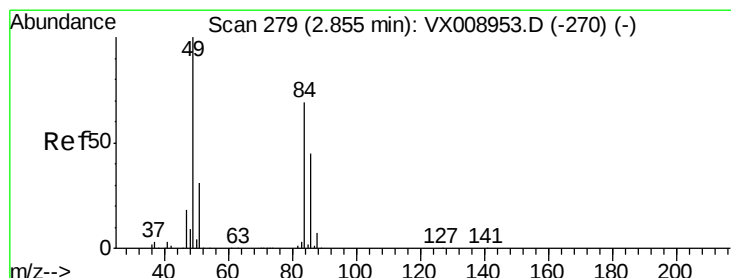
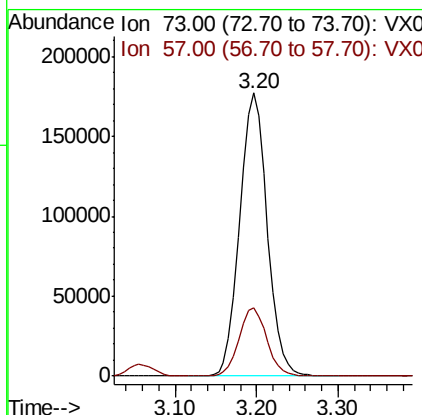
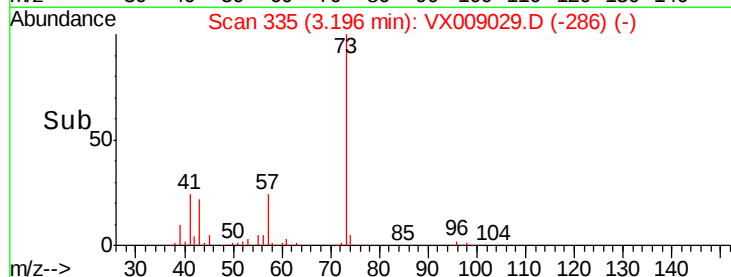
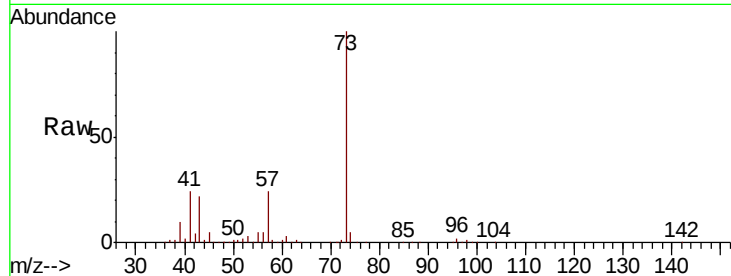




#19
Methvl tert-butvl Ether
Concen: 51.471 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

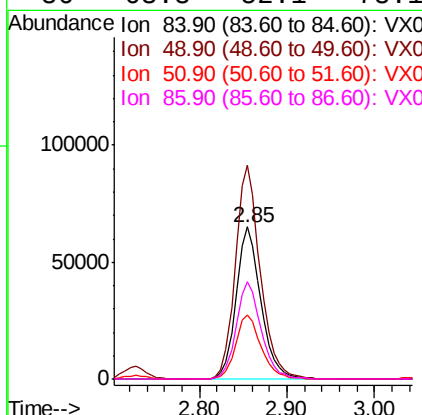
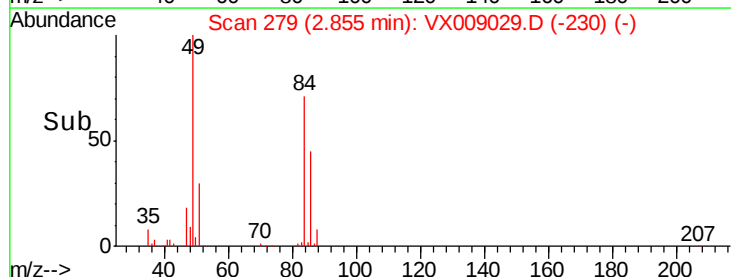
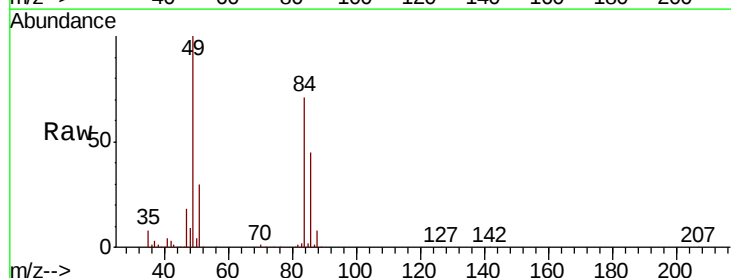
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

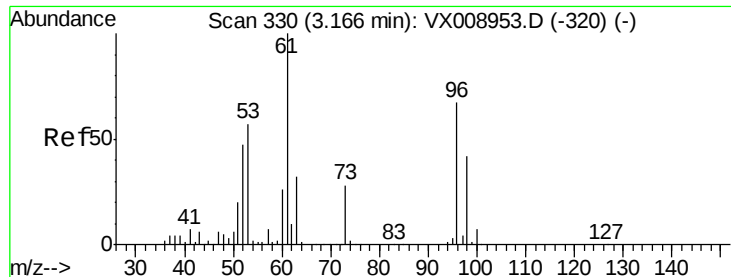
Tot Ion: 73 Resp: 414074
Ion Ratio Lower Upper
73 100
57 24.3 19.2 28.8



#20
Methylene Chloride
Concen: 48.943 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Tgt Ion: 84 Resp: 128783
Ion Ratio Lower Upper
84 100
49 140.2 115.4 173.0
51 42.4 35.8 53.6
86 63.8 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 47.877 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

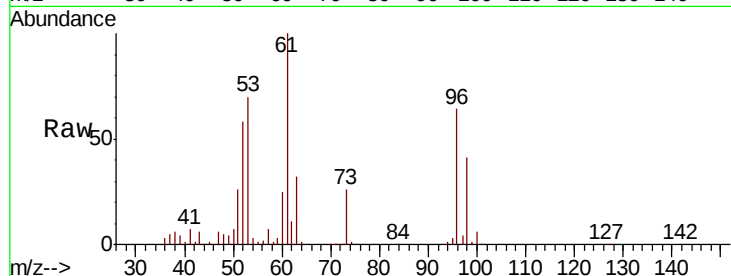
Tot Ion: 96 Resp: 115297

Ion Ratio Lower Upper

96 100

61 156.6 120.3 180.5

98 63.6 50.2 75.2

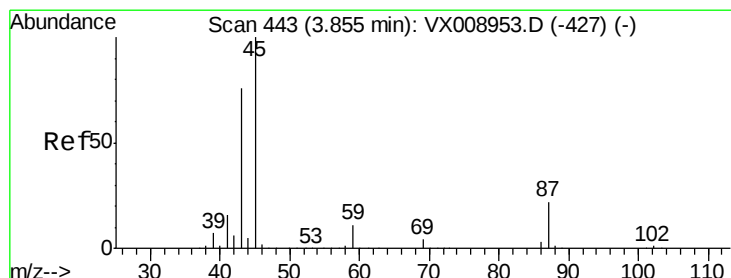
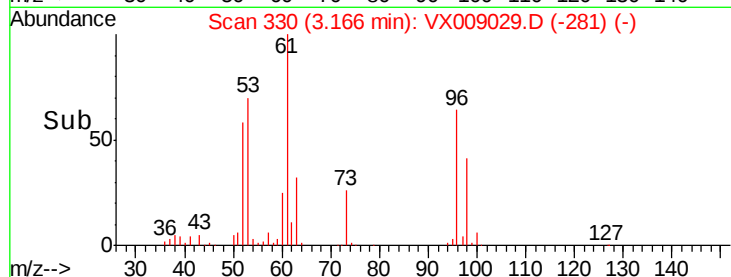
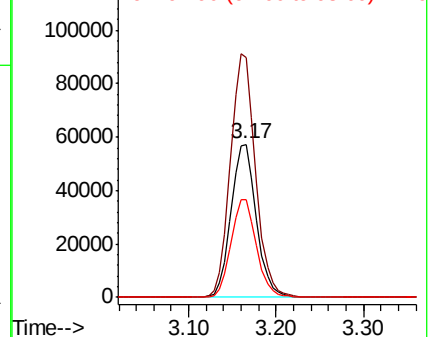


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.288 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Tgt Ion: 45 Resp: 500482

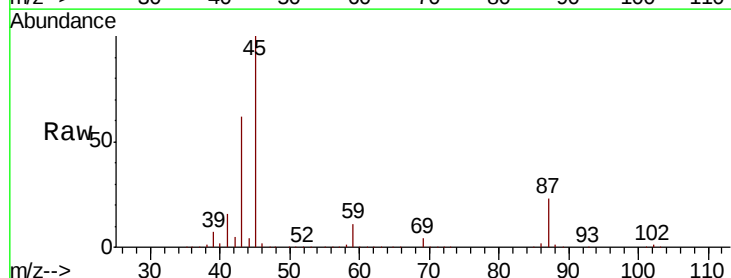
Ion Ratio Lower Upper

45 100

43 62.0 60.6 91.0

87 23.4 17.8 26.8

59 10.7 8.7 13.1



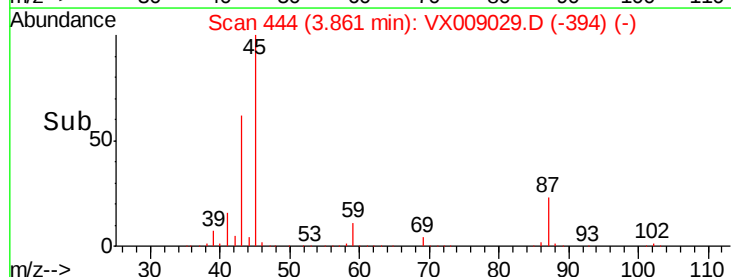
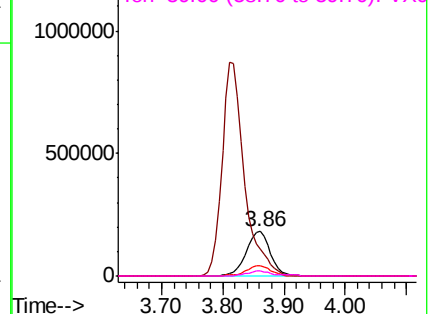
Abundance

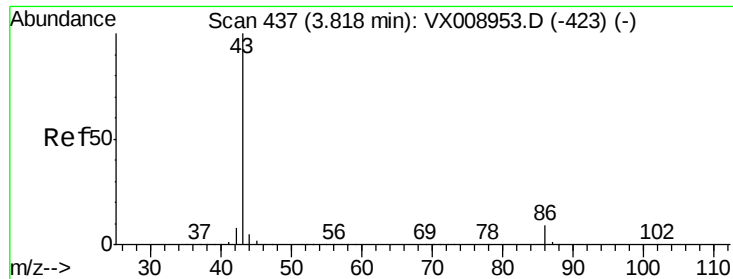
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 266.181 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

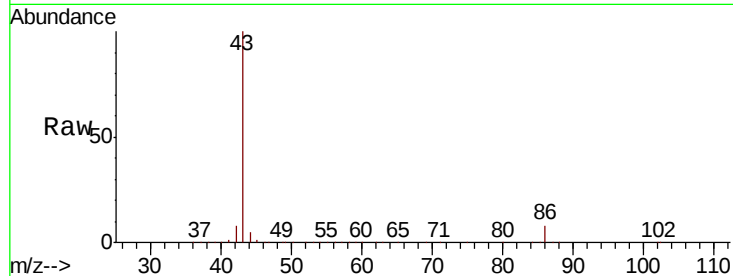
VSTDCCC050EC

Tot Ion: 43 Resp: 2239609

Ion Ratio Lower Upper

43 100

86 8.2 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

800000

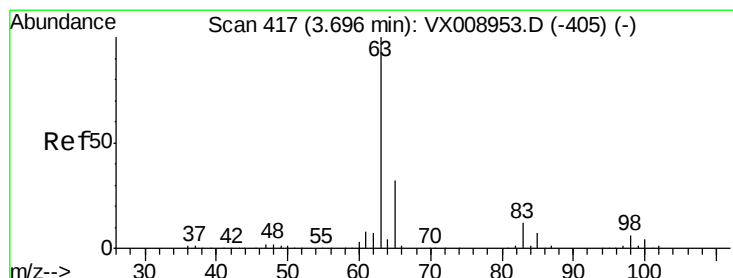
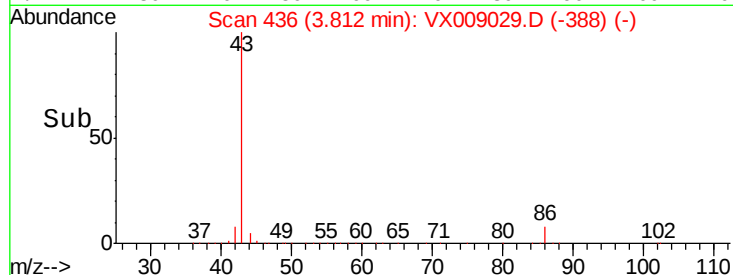
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.611 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

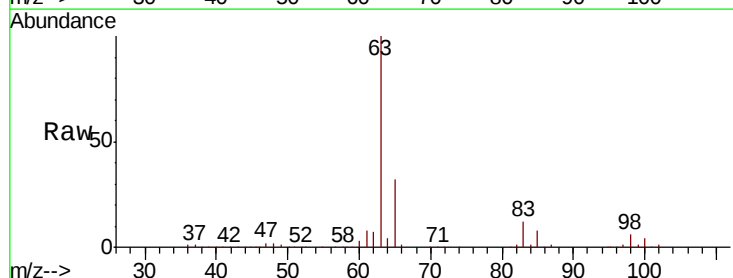
Tgt Ion: 63 Resp: 243175

Ion Ratio Lower Upper

63 100

98 5.7 3.1 9.3

100 3.9 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

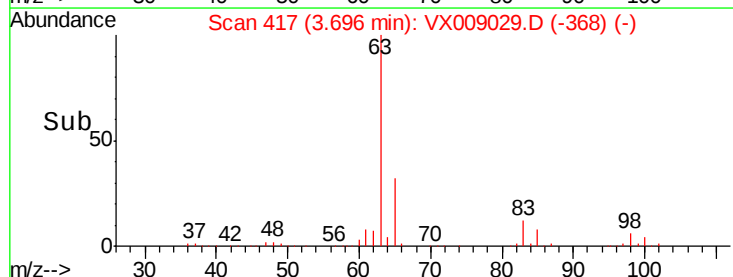
3.70

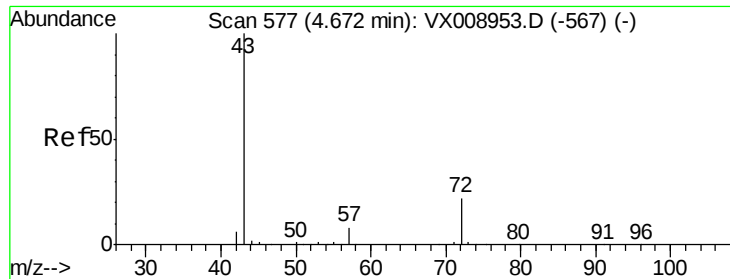
100000

50000

0

Time-->





#25

2-Butanone

Concen: 266.476 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

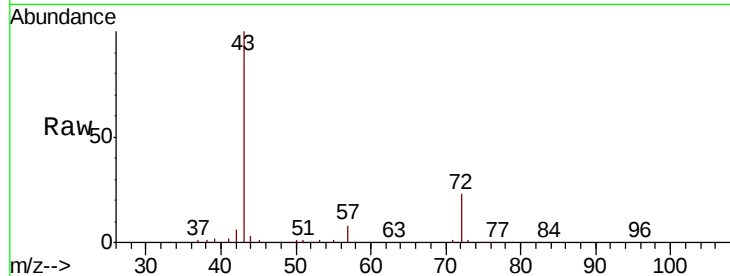
VSTDCCC050EC

Tot Ion: 43 Resp: 655382

Ion Ratio Lower Upper

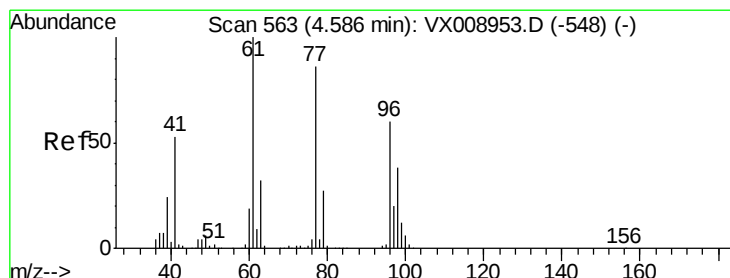
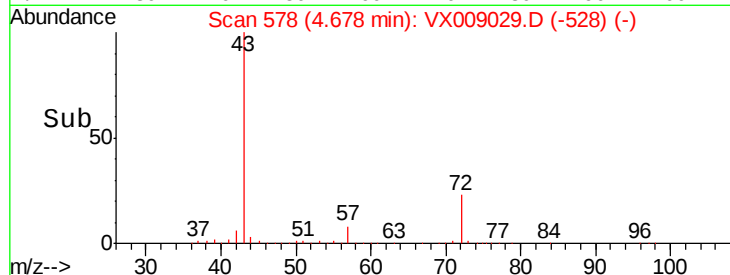
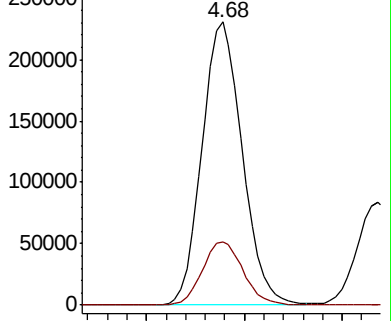
43 100

72 22.5 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 41.644 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX009029.D

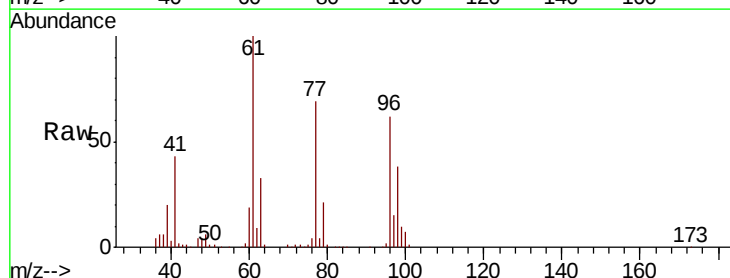
Acq: 17 Apr 2019 20:51

Tgt Ion: 77 Resp: 149986

Ion Ratio Lower Upper

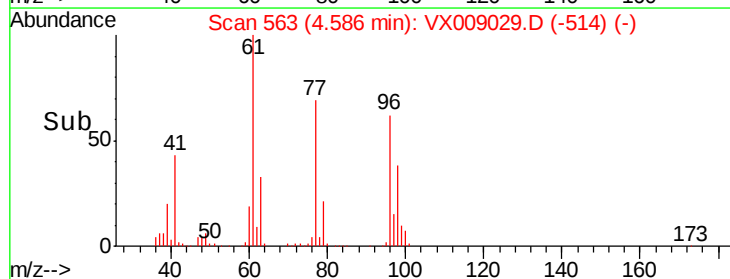
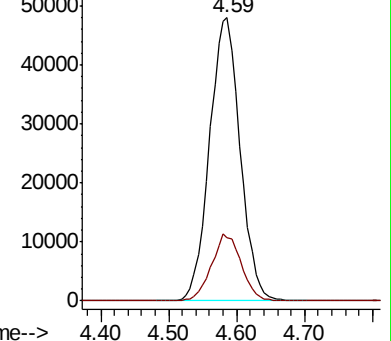
77 100

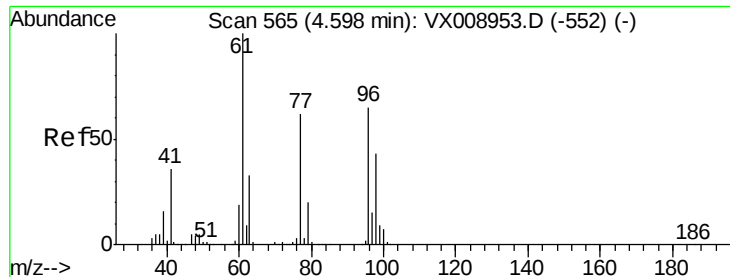
97 23.0 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



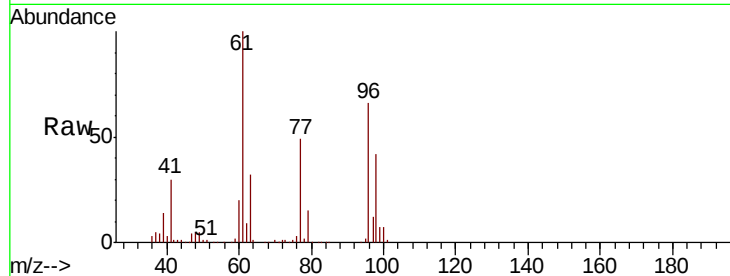


#27

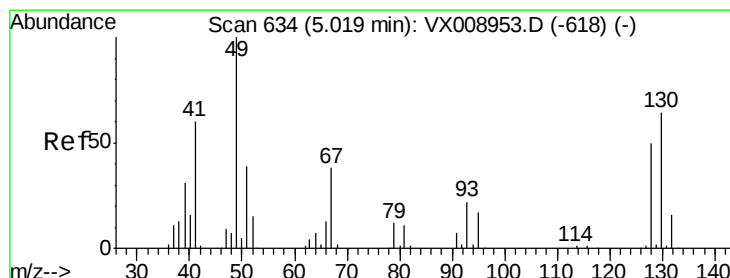
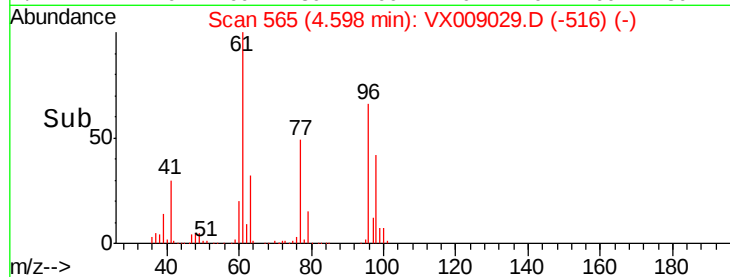
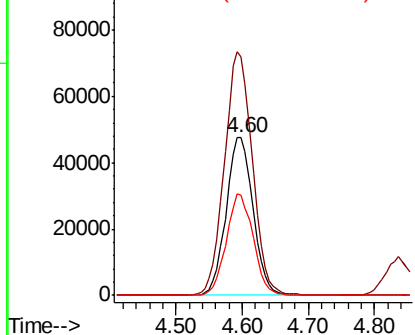
cis-1,2-Dichloroethene
Concen: 49.196 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	96	Resp	134510
Ion Ratio	Lower	Upper	
96	100		
61	159.7	0.0	322.0
98	63.8	0.0	128.4



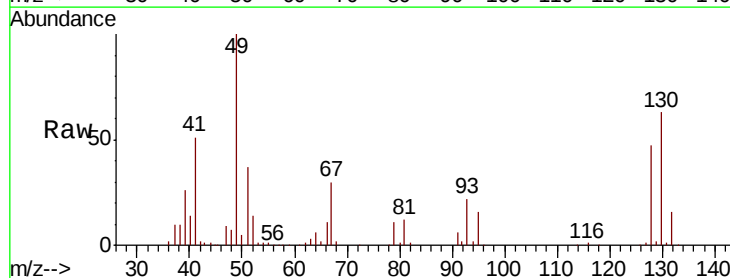
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



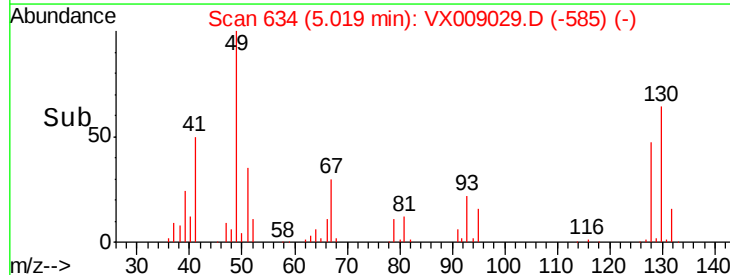
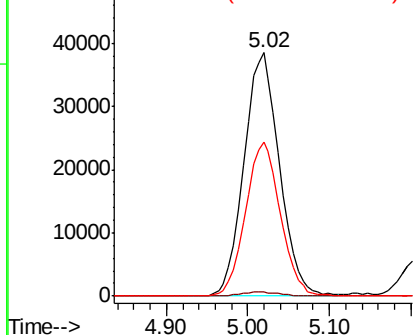
#28

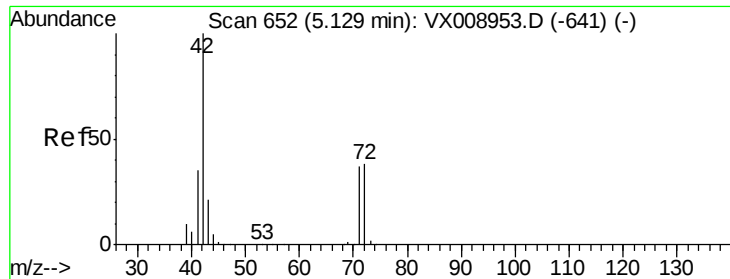
Bromochloromethane
Concen: 58.685 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Tgt Ion	49	Resp	116451
Ion Ratio	Lower	Upper	
49	100		
129	1.8	0.0	3.6
130	62.3	50.4	75.6



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

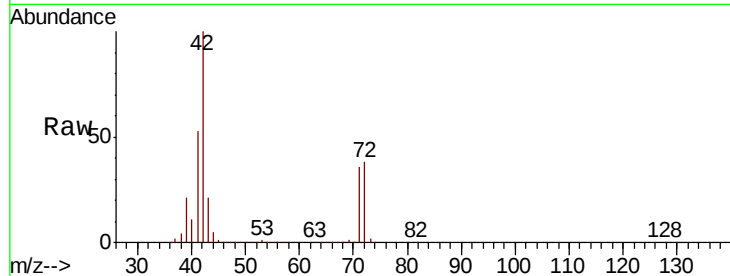




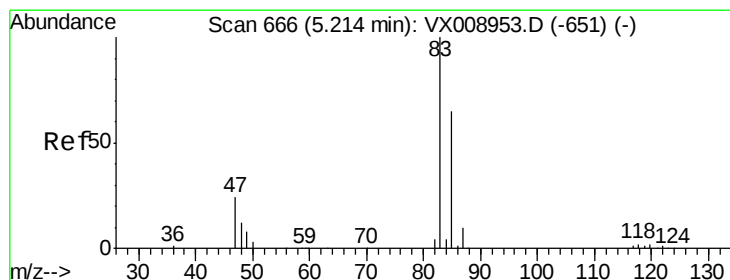
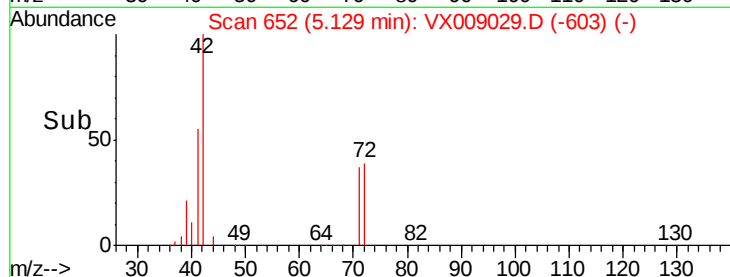
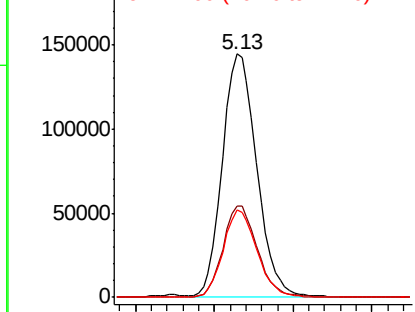
#29
Tetrahydrofuran
Concen: 265.566 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 437162
Ion Ratio Lower Upper
42 100
72 37.9 30.6 45.8
71 35.5 28.8 43.2

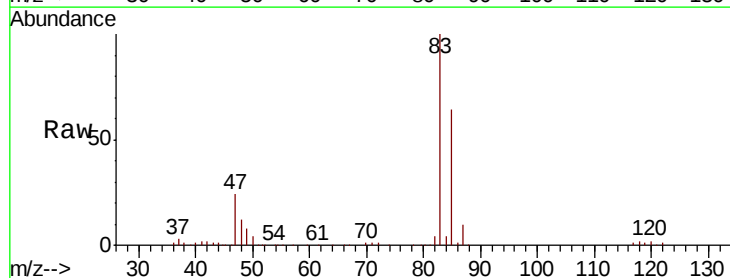


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

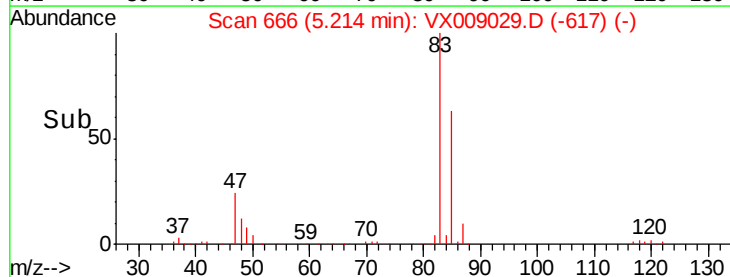
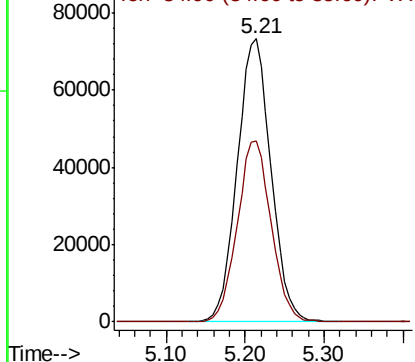


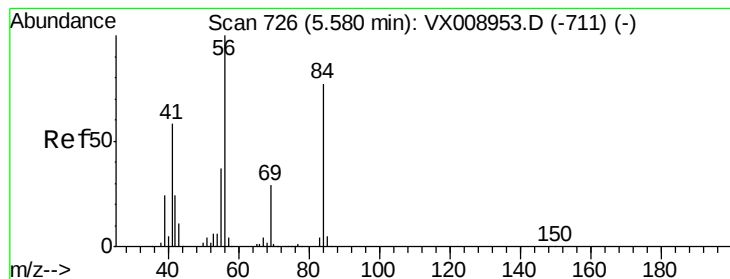
#30
Chloroform
Concen: 50.688 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Tgt Ion: 83 Resp: 217939
Ion Ratio Lower Upper
83 100
85 64.1 51.9 77.9



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 49.361 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

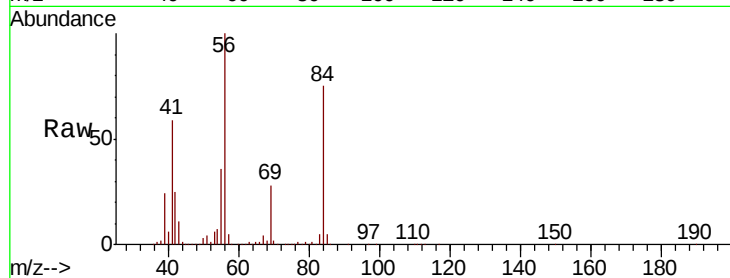
Tot Ion: 56 Resp: 233270

Ion Ratio Lower Upper

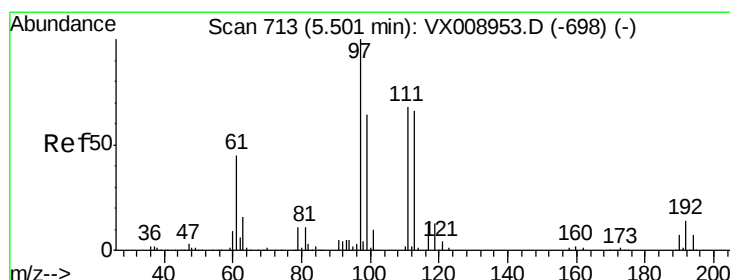
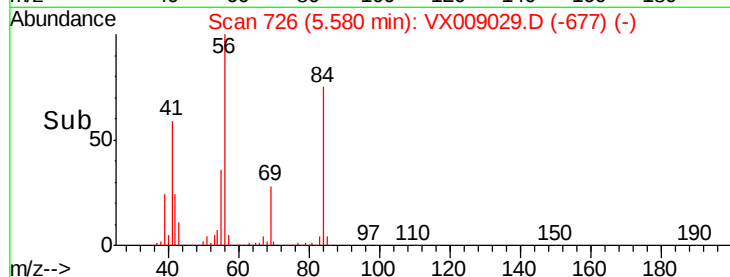
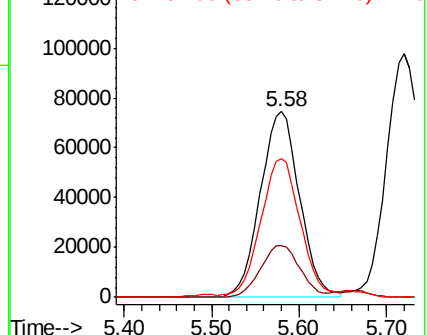
56 100

69 28.0 23.3 34.9

84 74.0 61.7 92.5



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 50.590 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

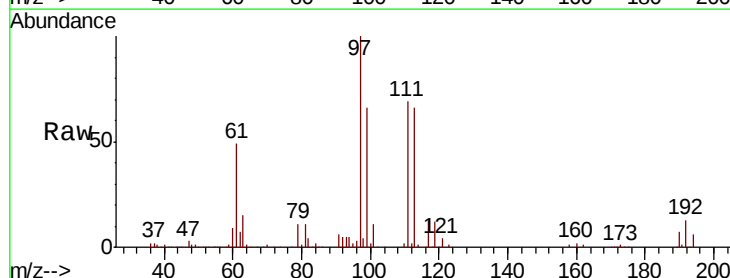
Tgt Ion: 97 Resp: 180278

Ion Ratio Lower Upper

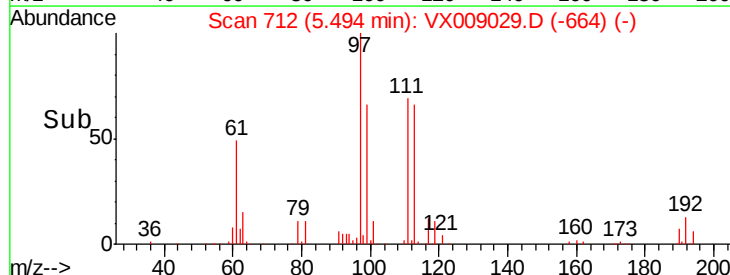
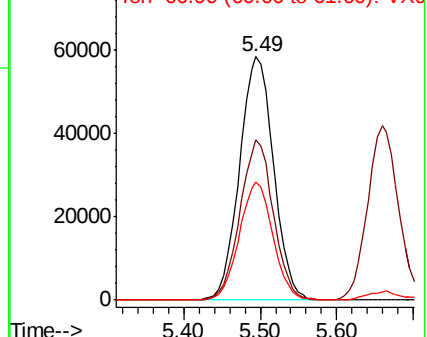
97 100

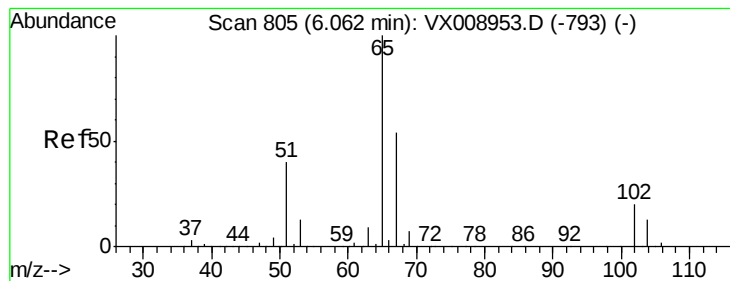
99 64.2 51.6 77.4

61 48.1 37.9 56.9



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 52.129 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

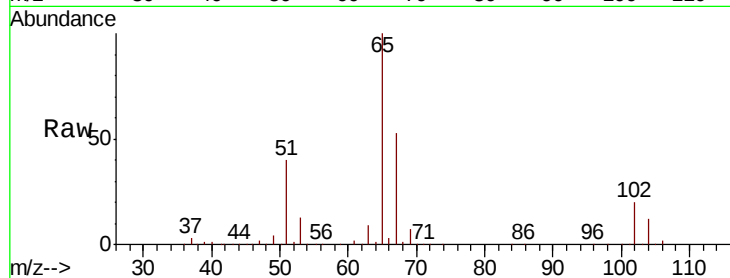
VSTDCCC050EC

Tot Ion: 65 Resp: 154670

Ion Ratio Lower Upper

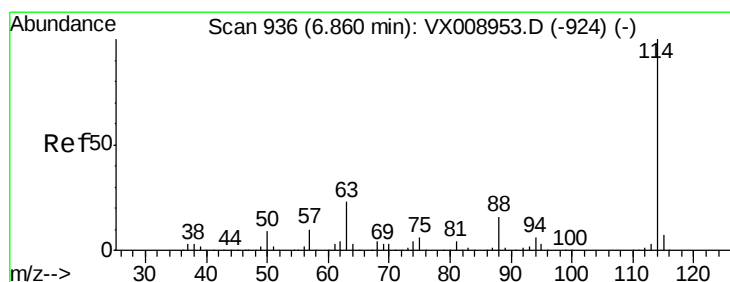
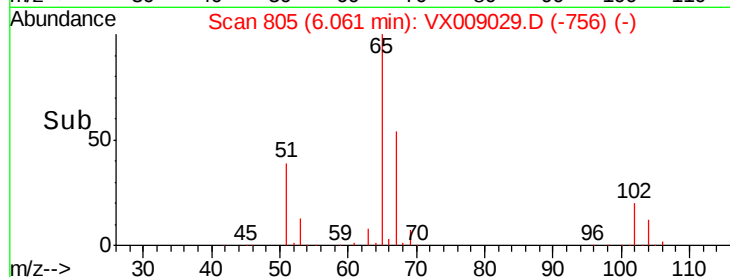
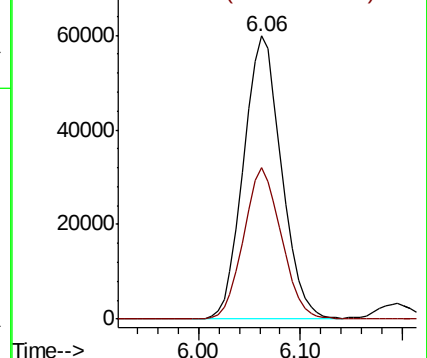
65 100

67 53.1 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

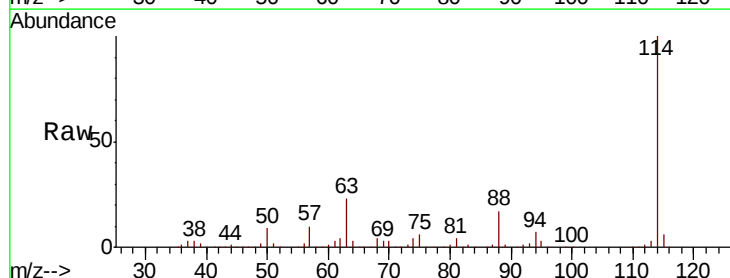
Tgt Ion: 114 Resp: 350958

Ion Ratio Lower Upper

114 100

63 23.1 0.0 46.0

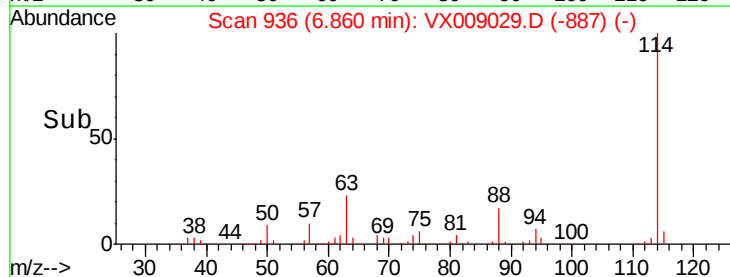
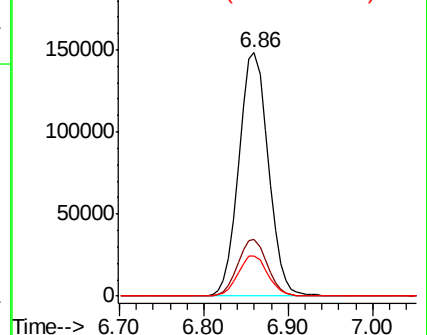
88 16.6 0.0 32.6

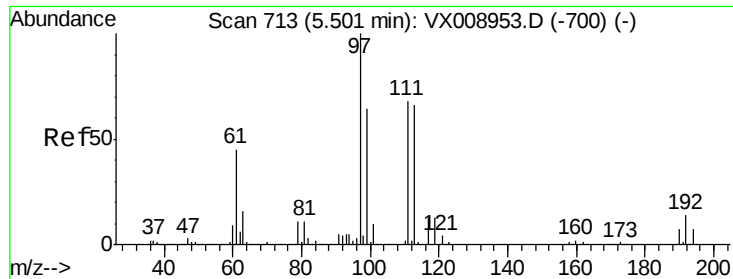


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.191 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

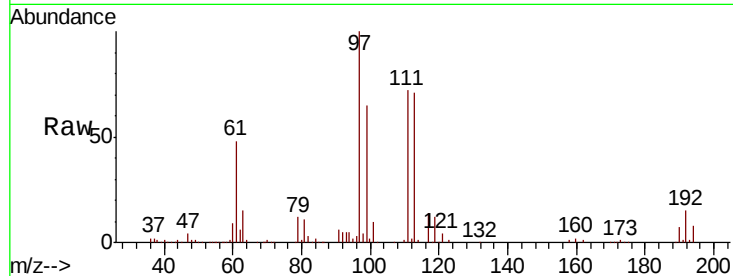
Tot Ion:113 Resp: 113049

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

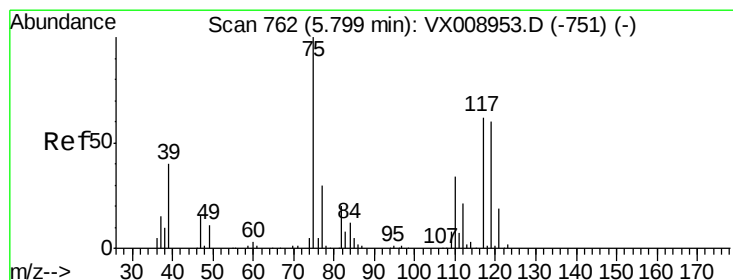
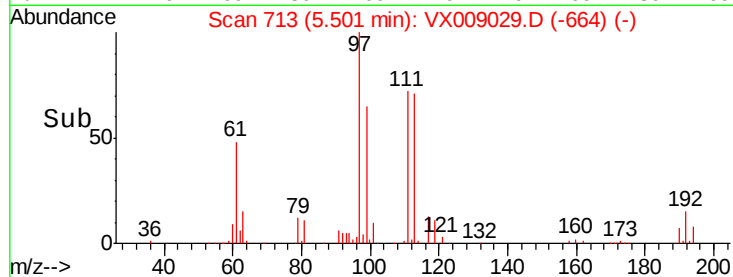
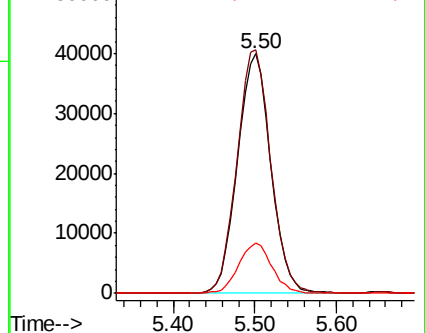
192 21.0 17.4 26.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.284 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

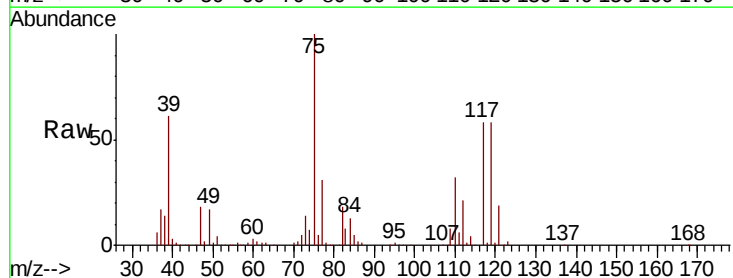
Tgt Ion: 75 Resp: 167997

Ion Ratio Lower Upper

75 100

110 33.2 16.9 50.7

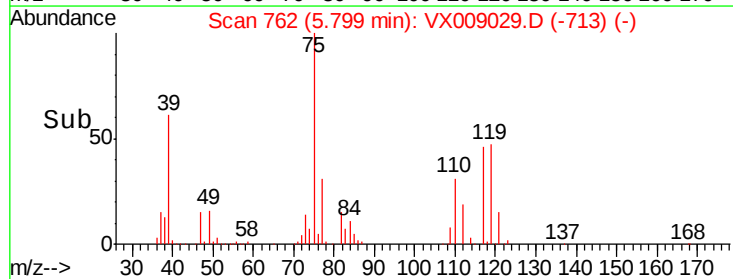
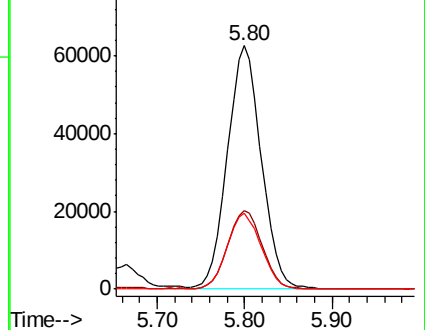
77 31.3 25.0 37.4

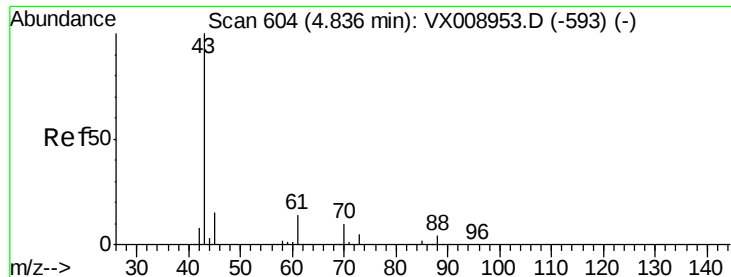


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

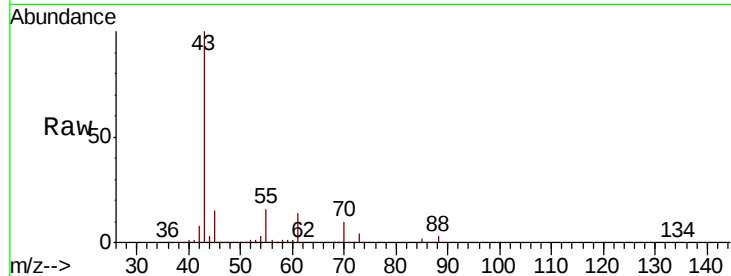




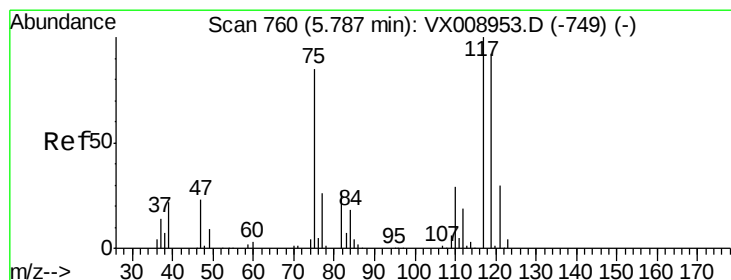
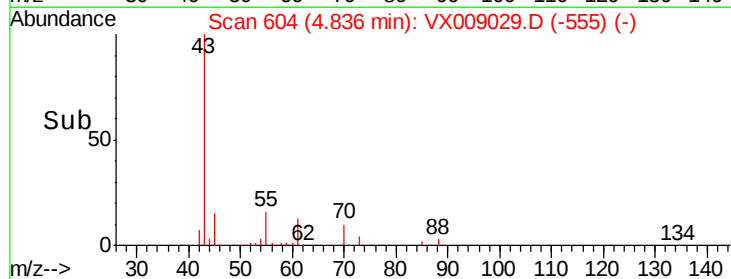
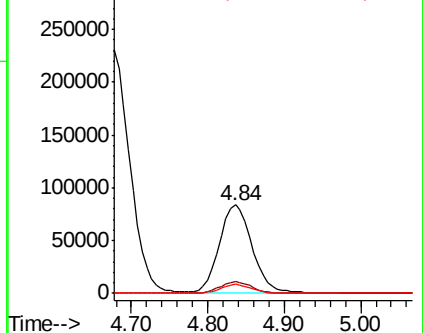
#37
Ethyl Acetate
Concen: 53.108 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 248044
Ion Ratio Lower Upper
43 100
61 13.1 10.6 15.8
70 9.4 7.7 11.5

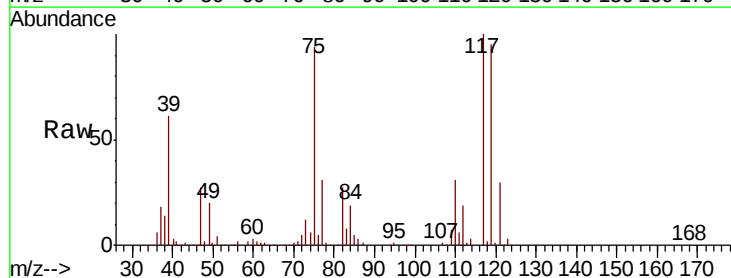


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

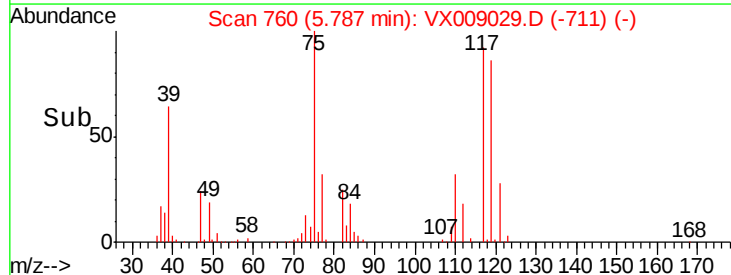
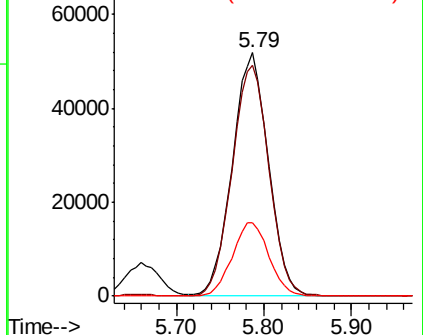


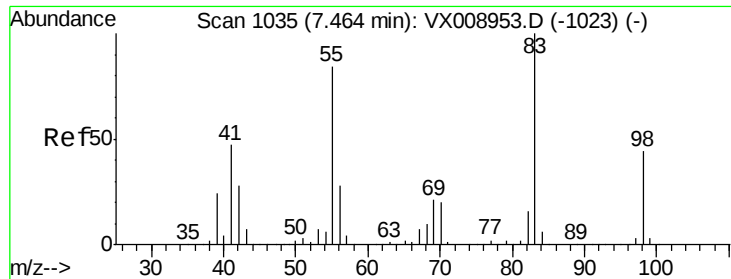
#38
Carbon Tetrachloride
Concen: 48.218 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Tgt Ion: 117 Resp: 148372
Ion Ratio Lower Upper
117 100
119 94.7 73.8 110.8
121 30.1 23.6 35.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

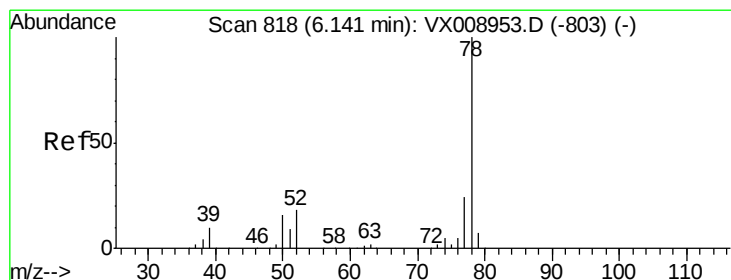
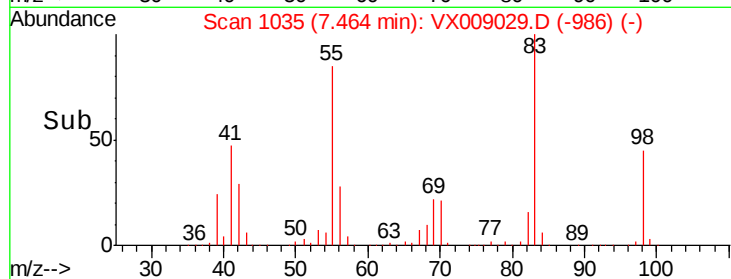
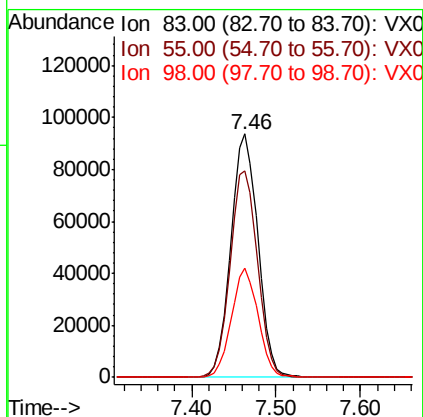
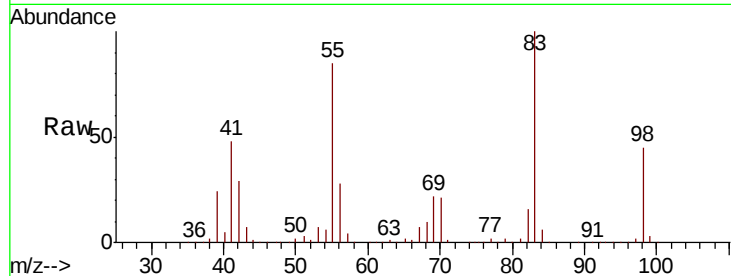




#39
Methvlcvclohexane
Concen: 46.001 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

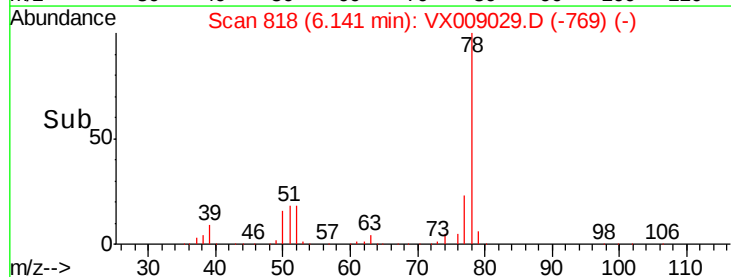
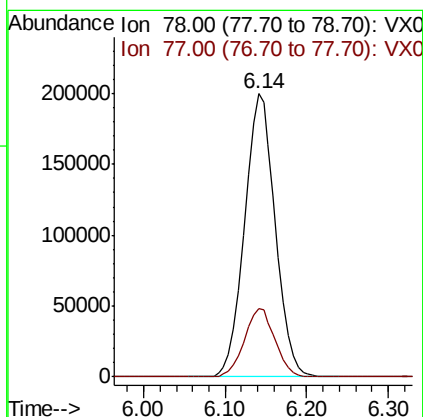
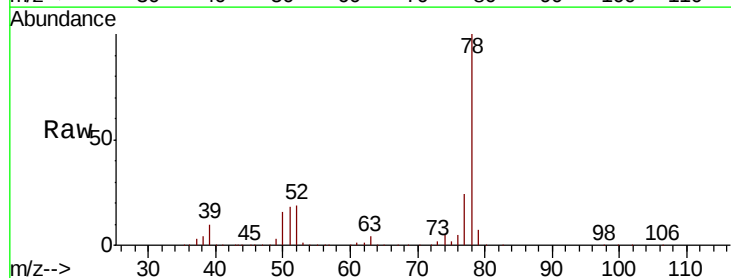
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

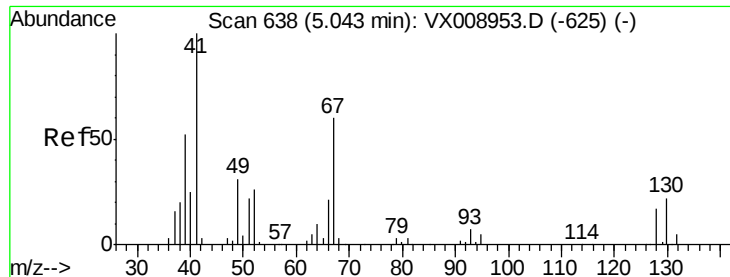
Tot Ion: 83 Resp: 203290
Ion Ratio Lower Upper
83 100
55 85.0 67.1 100.7
98 44.7 35.1 52.7



#40
Benzene
Concen: 48.676 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Tgt Ion: 78 Resp: 521208
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6

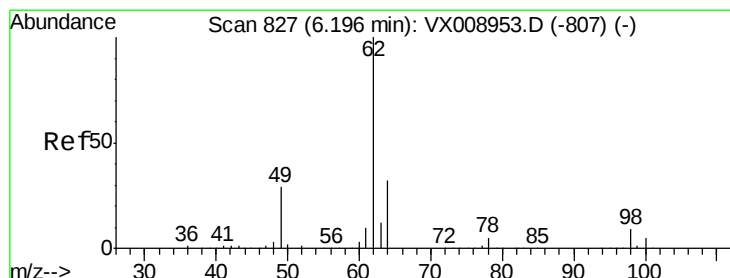
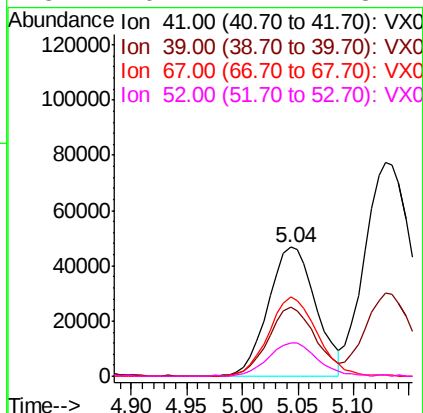
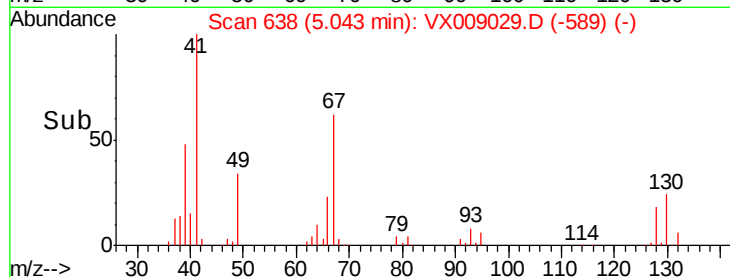
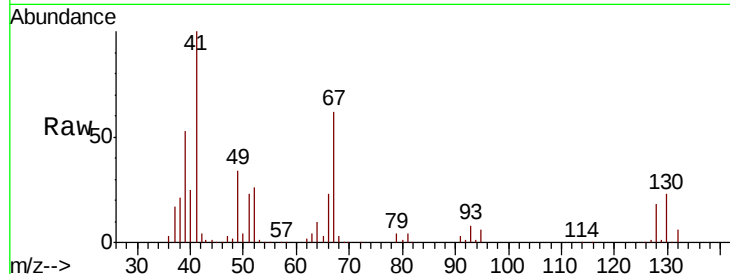




#41
Methacrylonitrile
Concen: 51.941 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

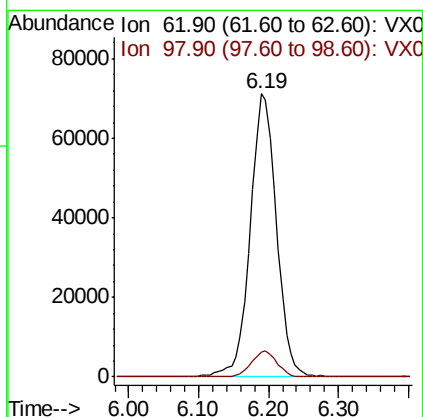
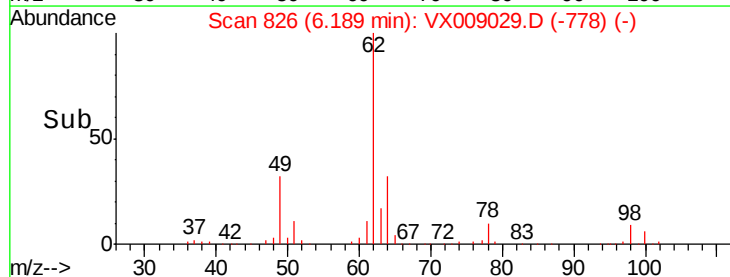
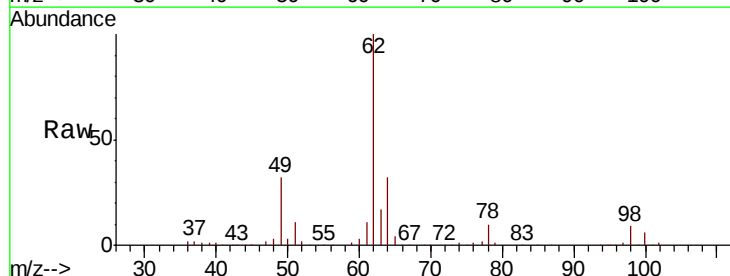
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

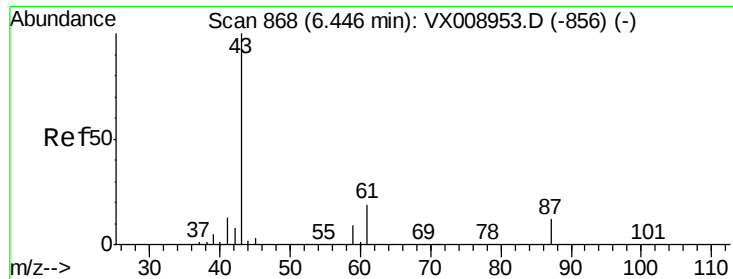
Tot Ion:	41	Resp:	139231
Ion	Ratio	Lower	Upper
41	100		
39	52.5	41.8	62.6
67	62.7	50.2	75.4
52	26.2	21.1	31.7



#42
1,2-Dichloroethane
Concen: 48.938 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Tgt Ion:	62	Resp:	185628
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.4



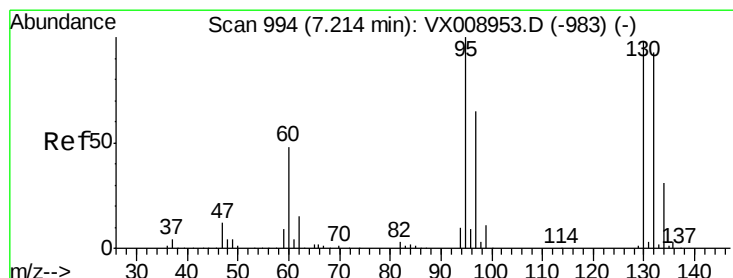
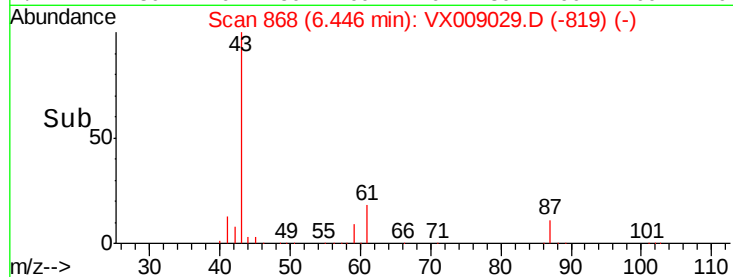
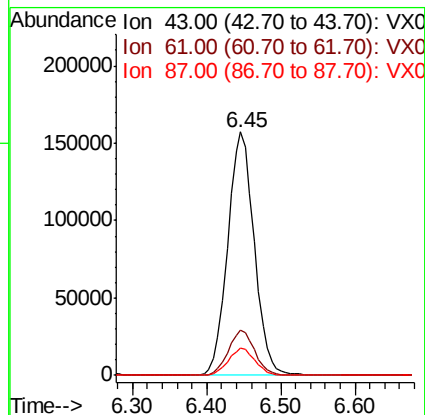
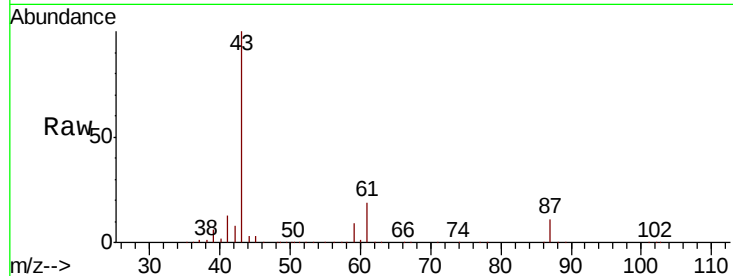


#43

Isopropyl Acetate
 Concen: 51.747 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX009029.D
 Acq: 17 Apr 2019 20:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

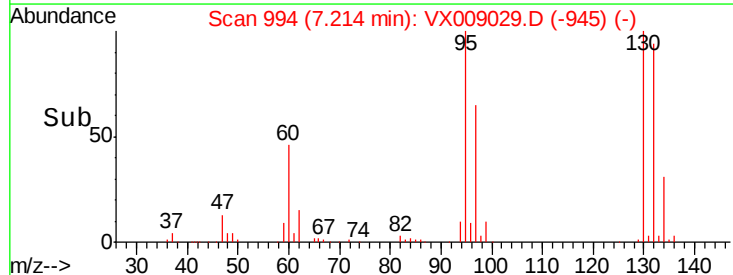
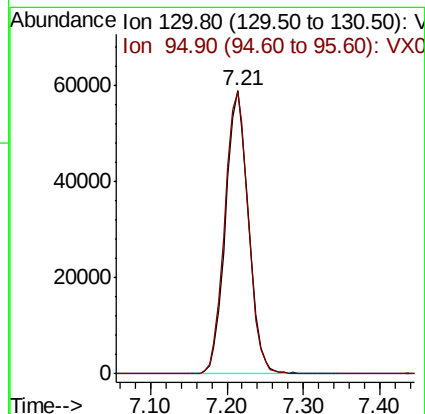
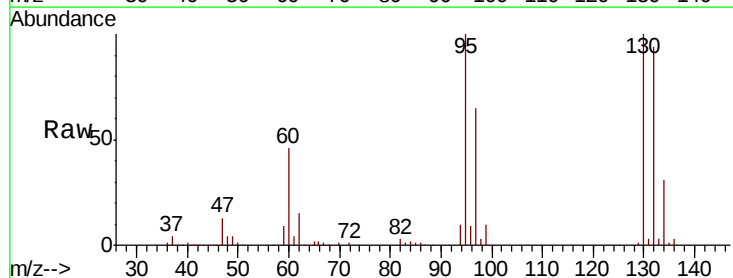
Tot Ion: 43 Resp: 389477
 Ion Ratio Lower Upper
 43 100
 61 18.8 15.4 23.0
 87 11.1 9.0 13.4

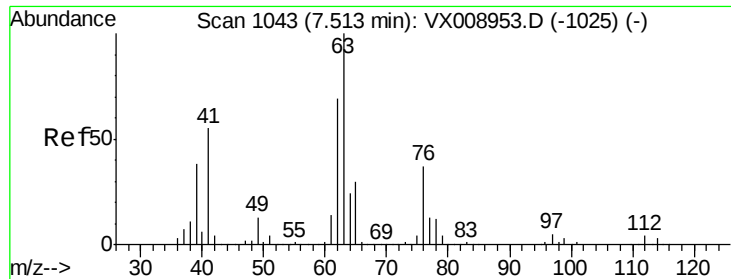


#44

Trichloroethene
 Concen: 46.756 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009029.D
 Acq: 17 Apr 2019 20:51

Tgt Ion:130 Resp: 122670
 Ion Ratio Lower Upper
 130 100
 95 99.7 0.0 203.2





#45

1,2-Dichloropropane

Concen: 50.362 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

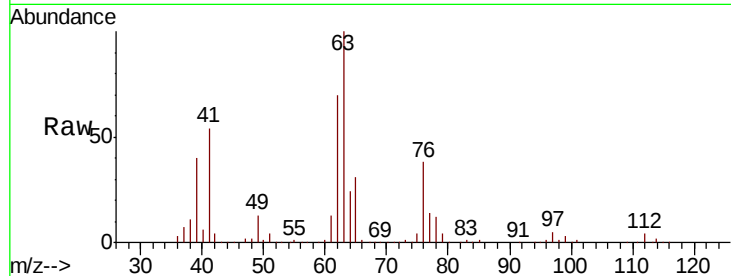
VSTDCCC050EC

Tot Ion: 63 Resp: 149607

Ion Ratio Lower Upper

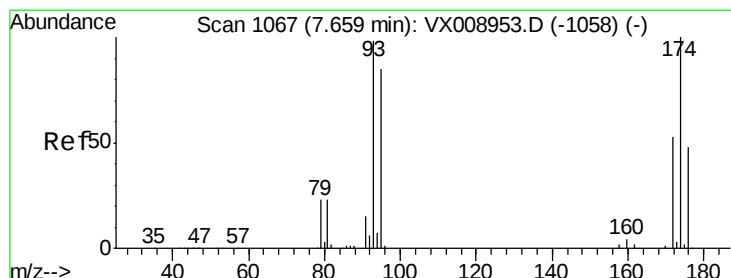
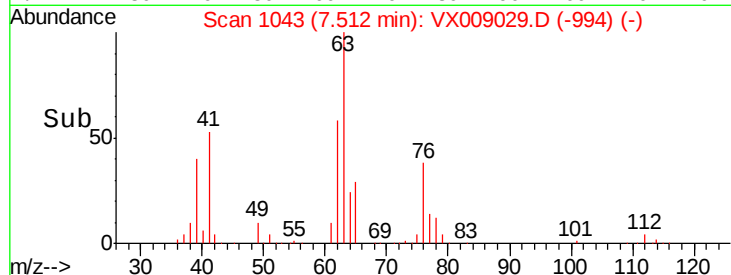
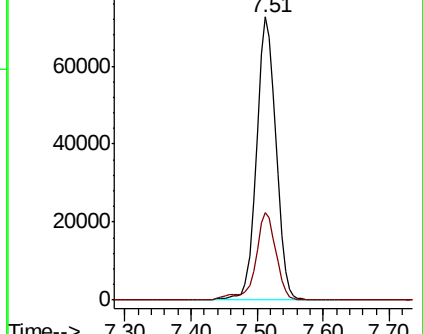
63 100

65 30.7 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.718 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

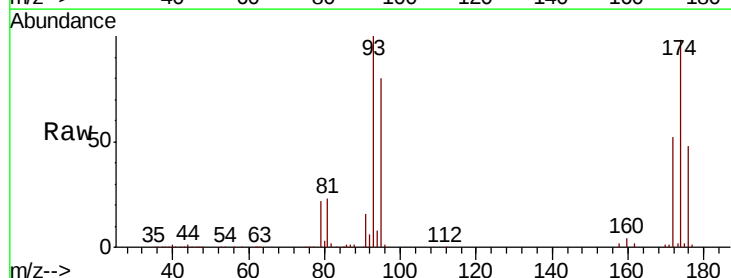
Tgt Ion: 93 Resp: 84224

Ion Ratio Lower Upper

93 100

95 82.0 67.0 100.4

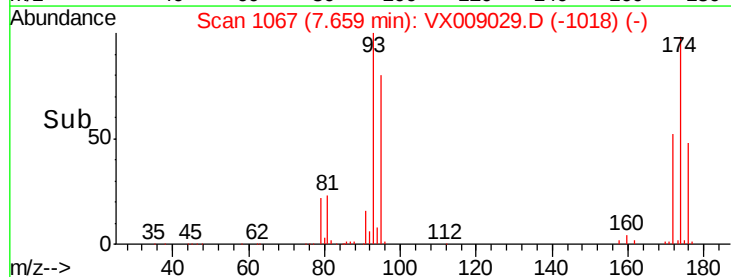
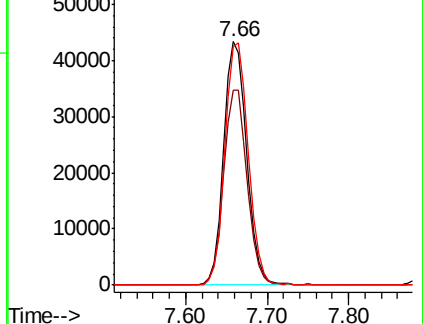
174 100.9 81.6 122.4

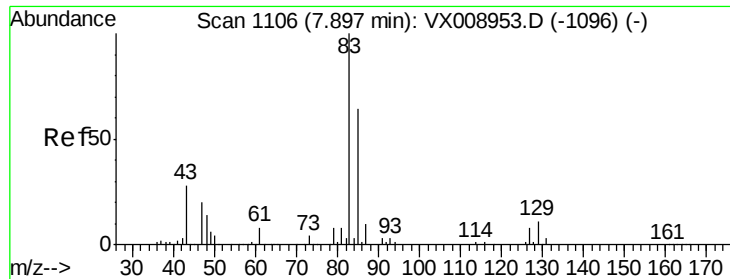


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

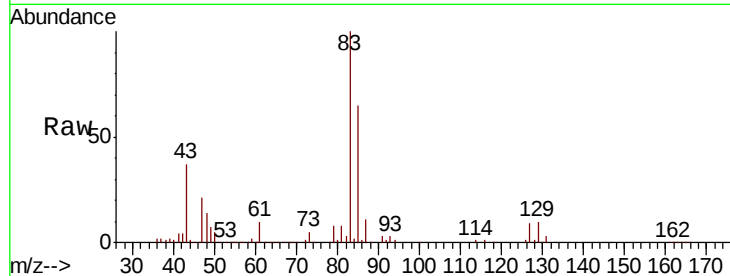




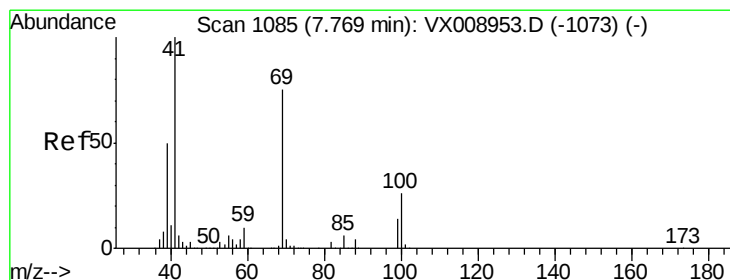
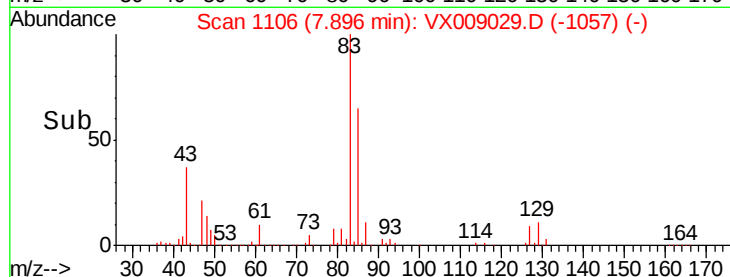
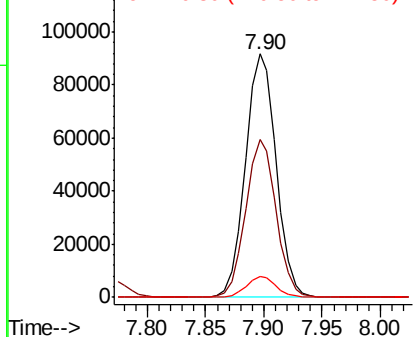
#47
Bromodichloromethane
Concen: 49.613 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 168231
Ion Ratio Lower Upper
83 100
85 64.6 50.8 76.2
127 8.6 6.4 9.6

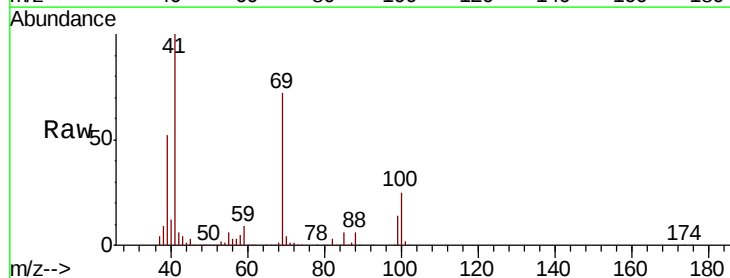


Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V

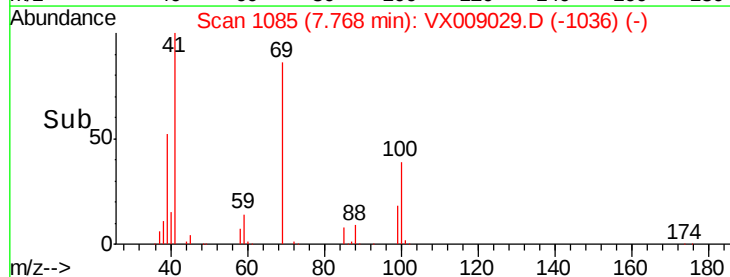
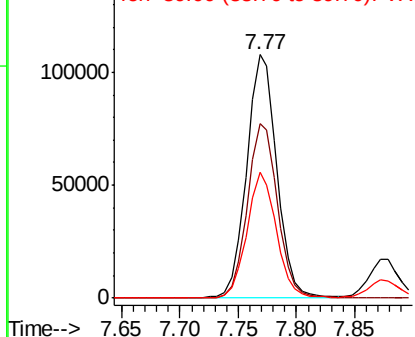


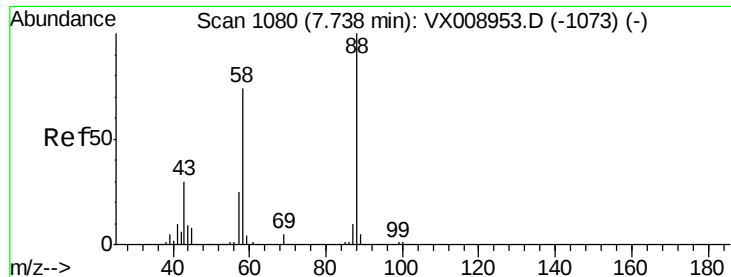
#48
Methyl methacrylate
Concen: 52.244 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Tgt Ion: 41 Resp: 194294
Ion Ratio Lower Upper
41 100
69 72.6 59.4 89.2
39 50.9 39.8 59.6



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 983.872 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. 0.01 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

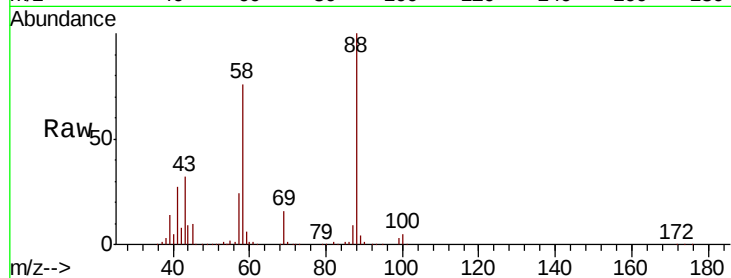
Tot Ion: 88 Resp: 68485

Ion Ratio Lower Upper

88 100

43 36.5 29.3 43.9

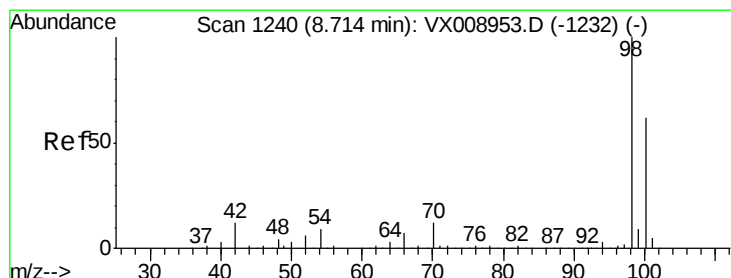
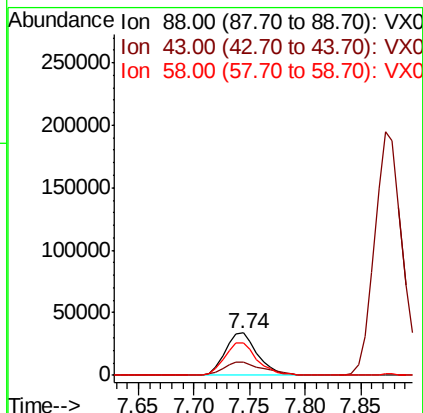
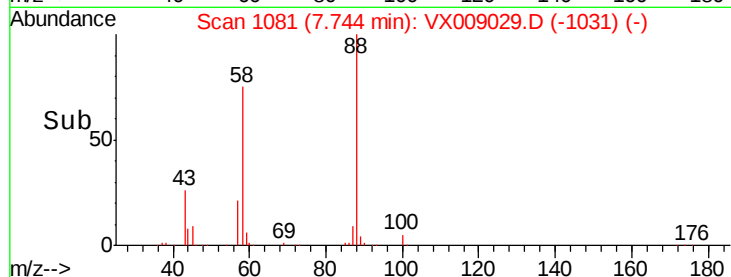
58 78.5 62.6 93.8



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.117 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009029.D

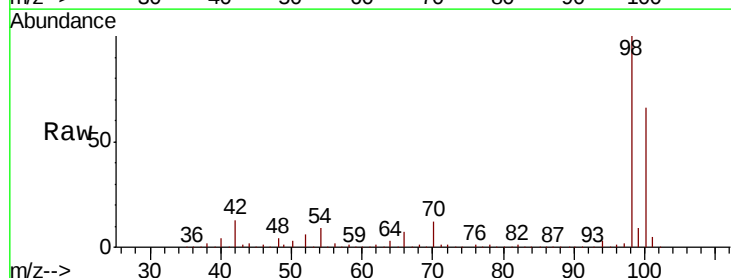
Acq: 17 Apr 2019 20:51

Tgt Ion: 98 Resp: 450178

Ion Ratio Lower Upper

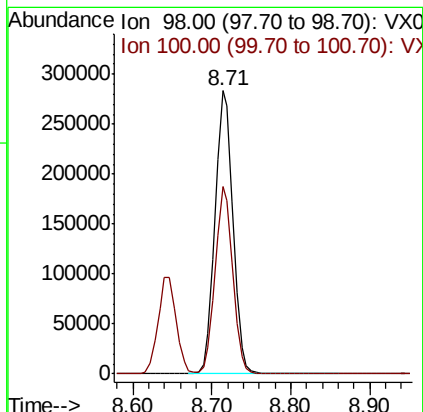
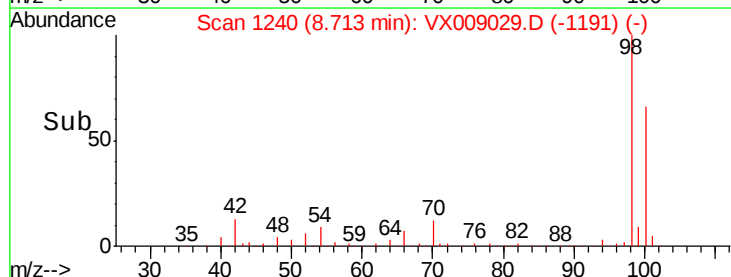
98 100

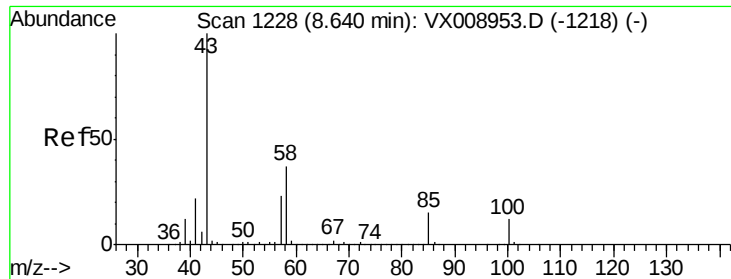
100 64.7 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 258.326 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

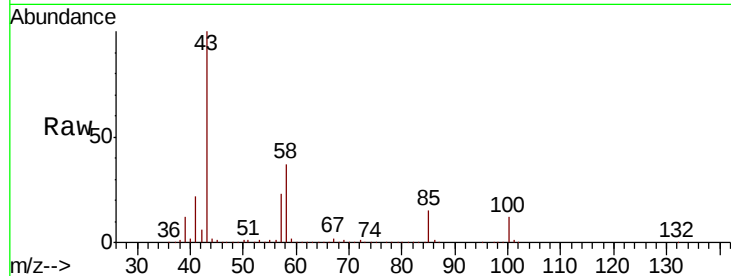
VSTDCCC050EC

Tot Ion: 43 Resp: 1238679

Ion Ratio Lower Upper

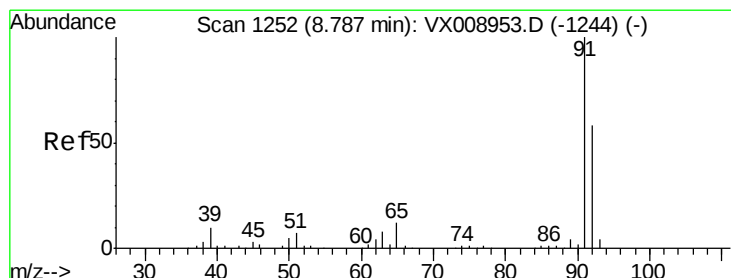
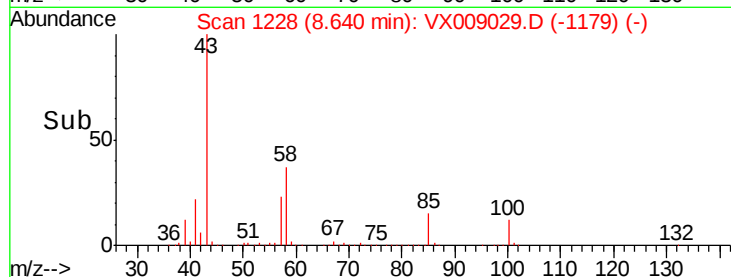
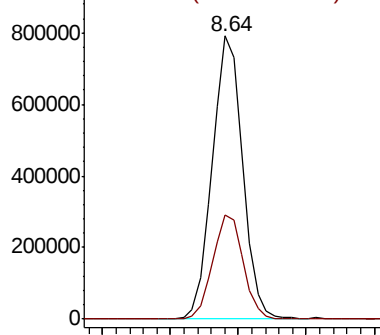
43 100

58 37.0 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.030 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009029.D

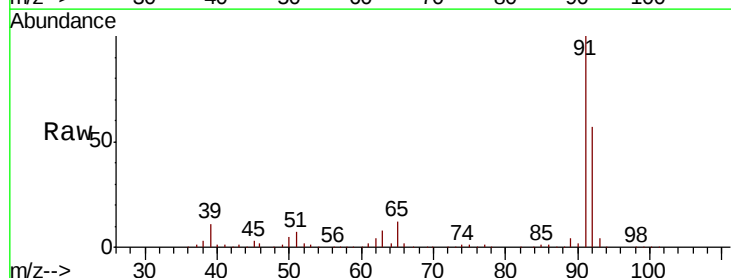
Acq: 17 Apr 2019 20:51

Tgt Ion: 92 Resp: 308227

Ion Ratio Lower Upper

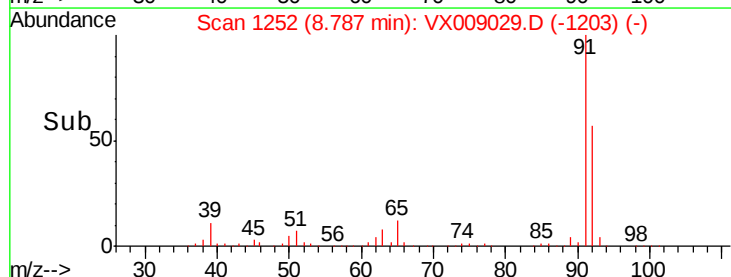
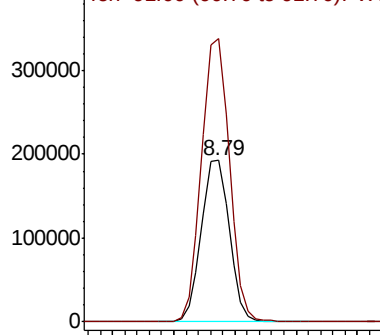
92 100

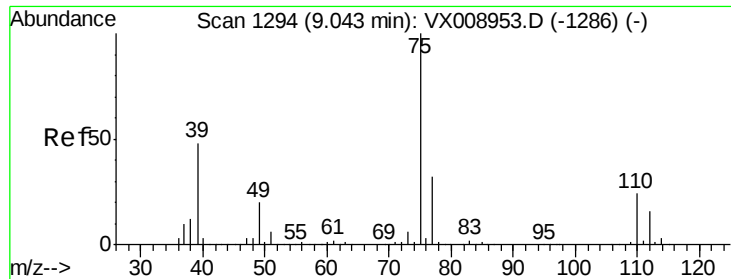
91 174.8 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

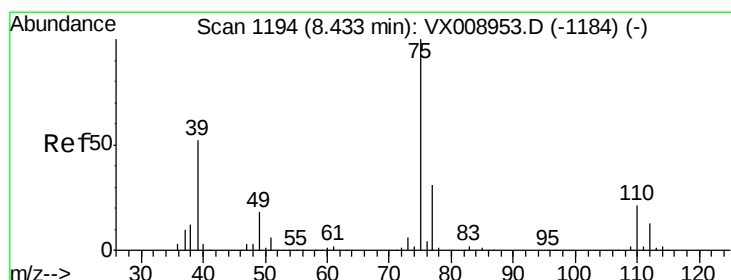
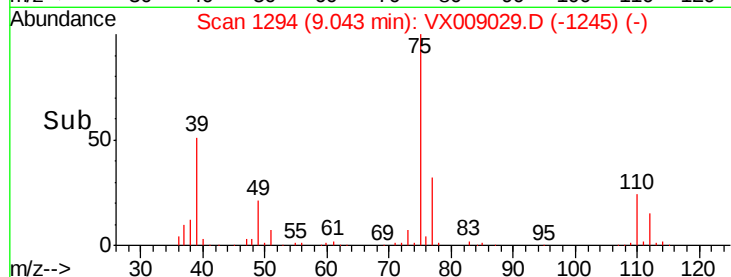
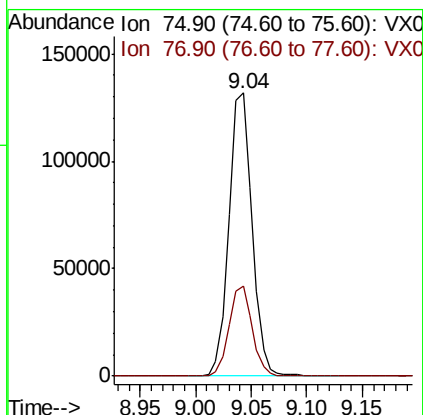
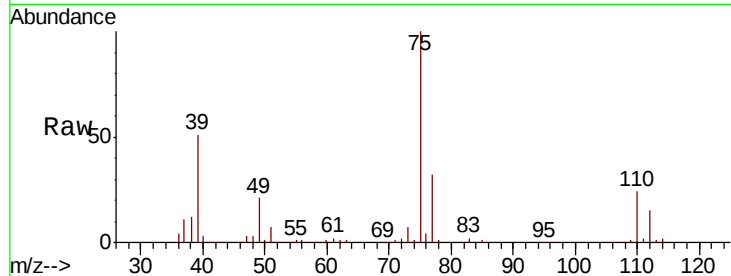




#53
 t-1,3-Dichloropropene
 Concen: 48.634 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX009029.D
 Acq: 17 Apr 2019 20:51

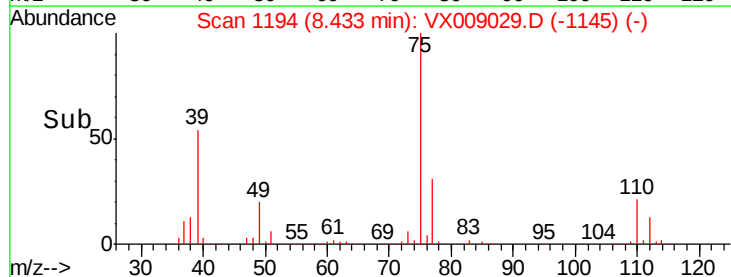
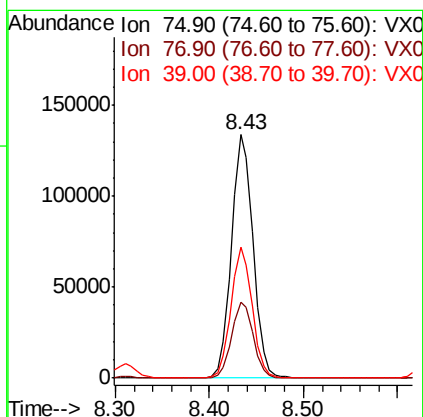
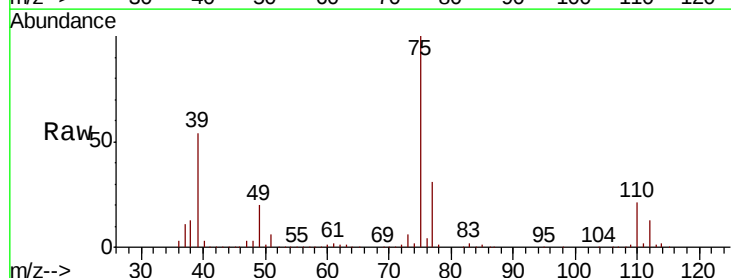
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

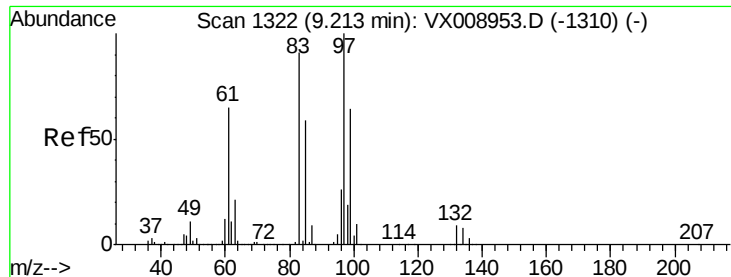
Tot Ion: 75 Resp: 189790
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 48.470 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009029.D
 Acq: 17 Apr 2019 20:51

Tgt Ion: 75 Resp: 211797
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.8 37.2
 39 53.7 41.8 62.6

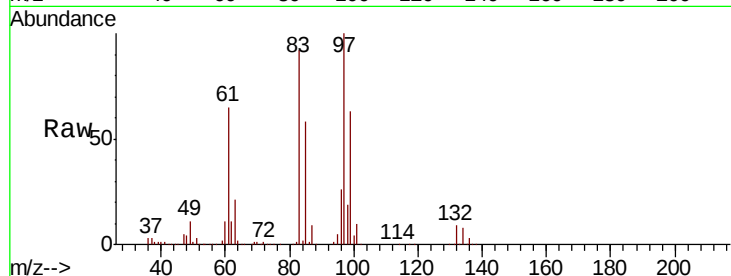




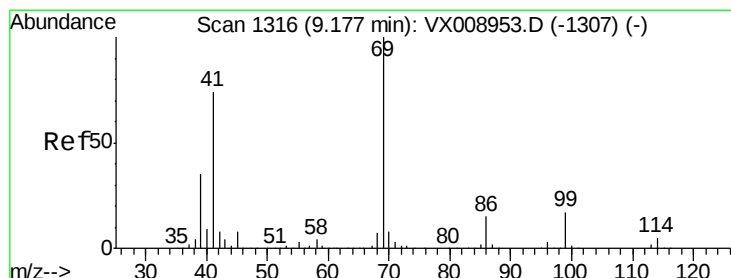
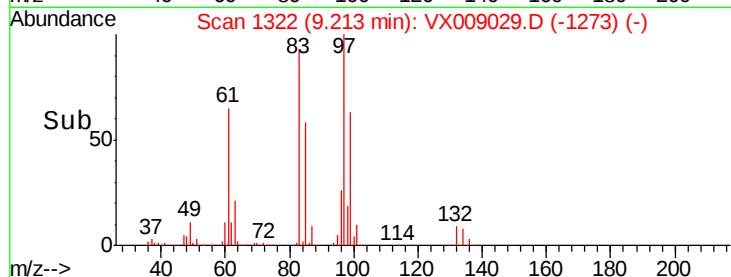
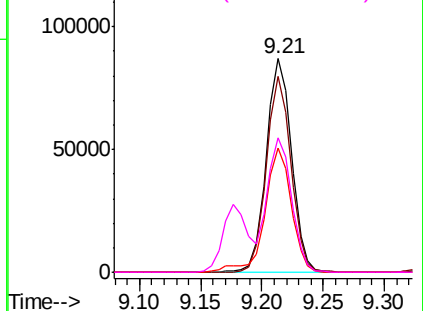
#55
 1,1,2-Trichloroethane
 Concen: 49.348 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009029.D
 Acq: 17 Apr 2019 20:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	125510
Ion	Ratio	Lower	Upper
97	100		
83	91.9	72.6	108.8
85	58.0	46.9	70.3
99	63.0	51.0	76.6

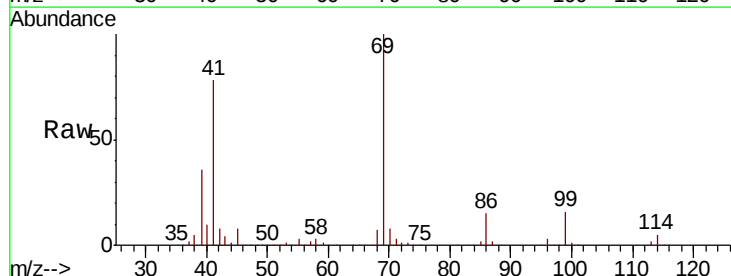


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

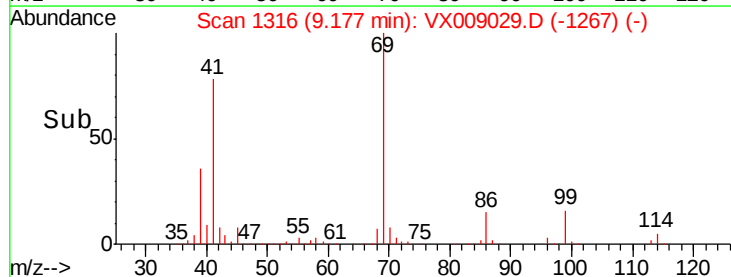
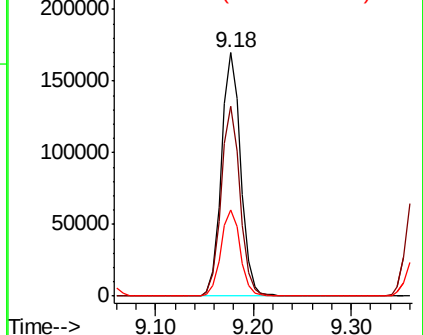


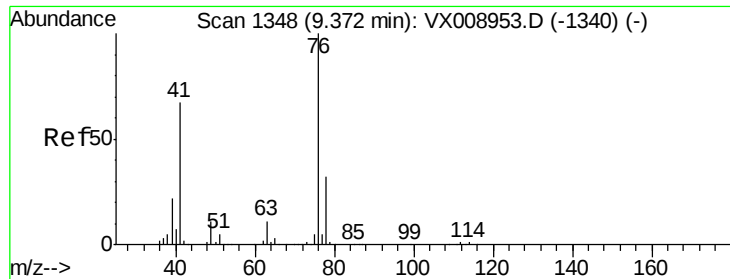
#56
 Ethyl methacrylate
 Concen: 50.889 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009029.D
 Acq: 17 Apr 2019 20:51

Tgt Ion:	69	Resp:	232082
Ion	Ratio	Lower	Upper
69	100		
41	76.8	60.2	90.2
39	35.6	27.9	41.9



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.466 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

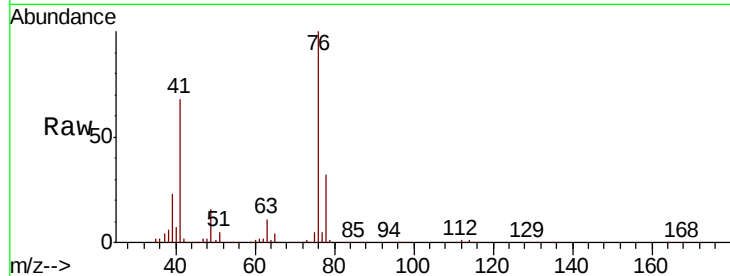
VSTDCCC050EC

Tot Ion: 76 Resp: 224005

Ion Ratio Lower Upper

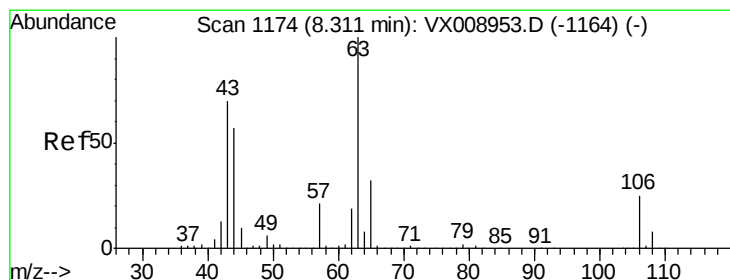
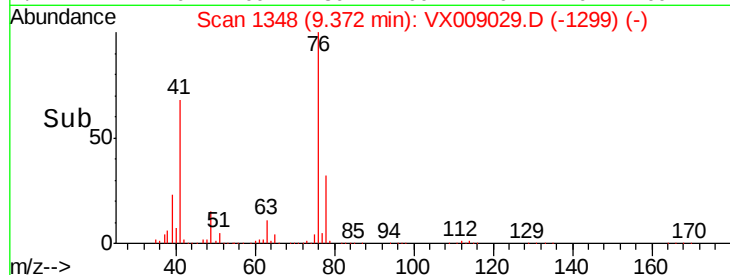
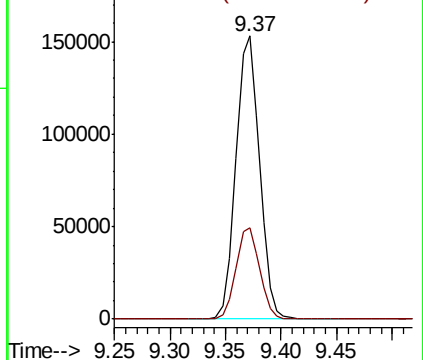
76 100

78 32.3 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 247.164 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX009029.D

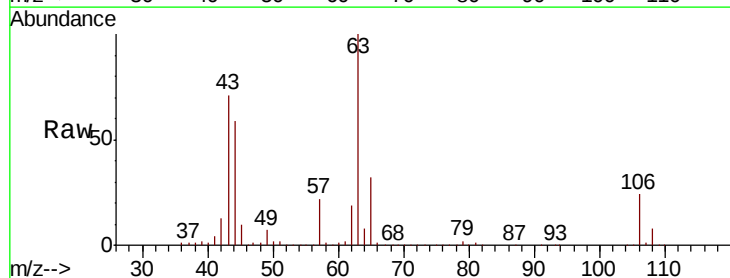
Acq: 17 Apr 2019 20:51

Tgt Ion: 63 Resp: 606997

Ion Ratio Lower Upper

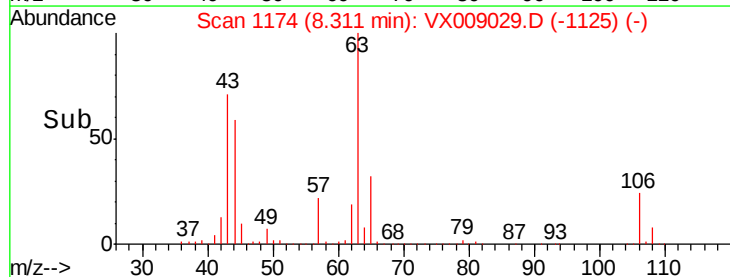
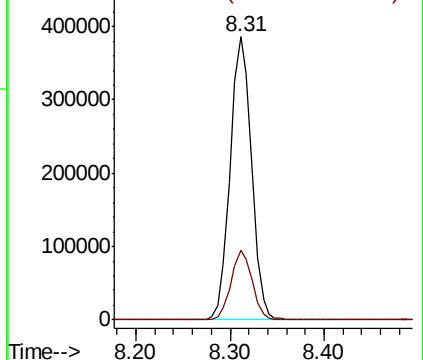
63 100

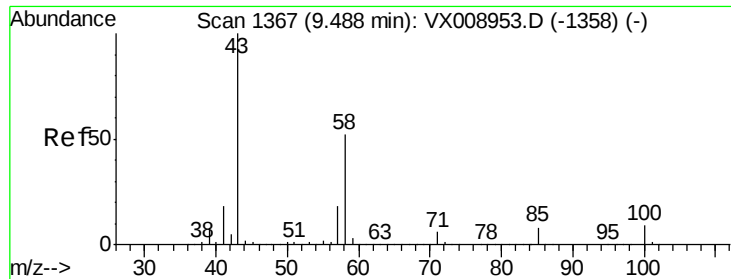
106 24.2 19.8 29.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

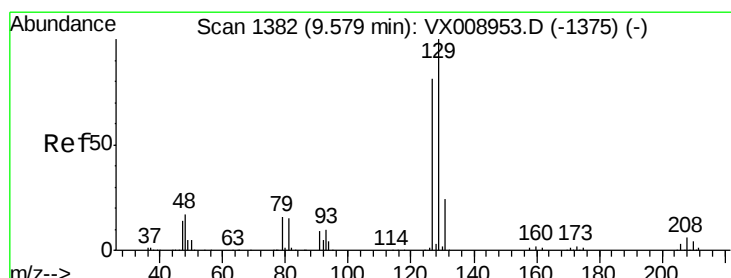
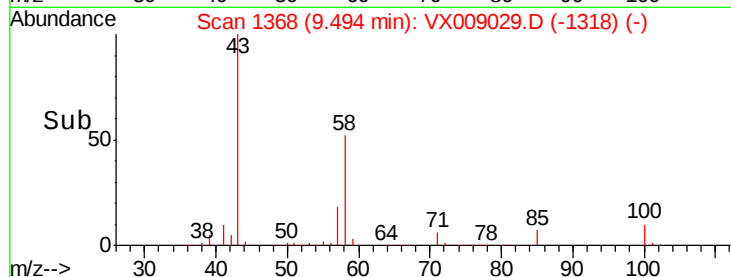
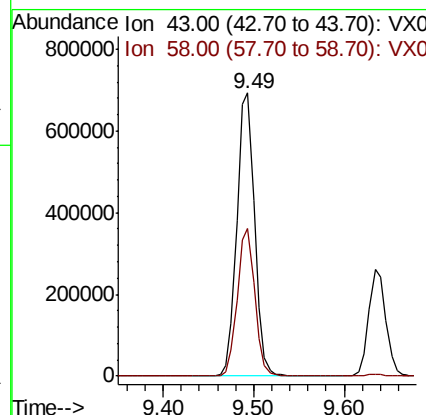
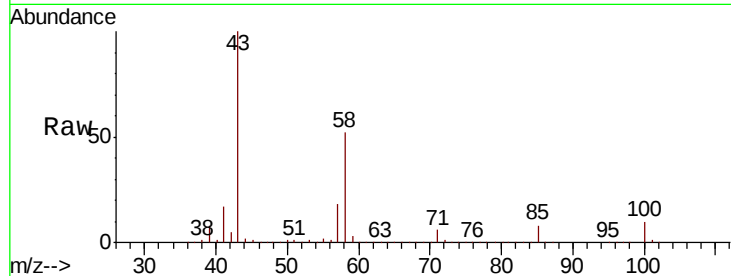




#59
2-Hexanone
Concen: 254.659 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

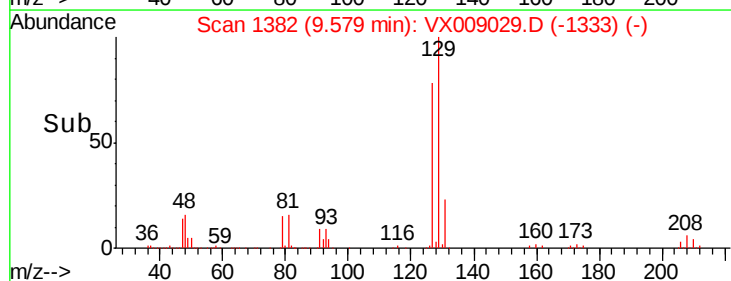
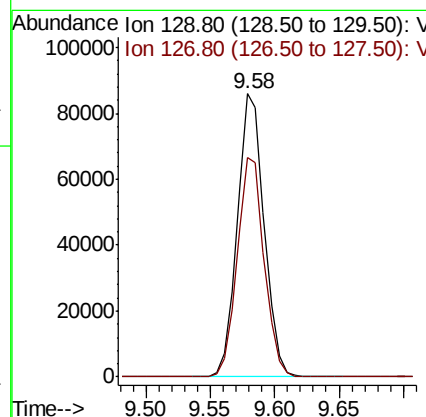
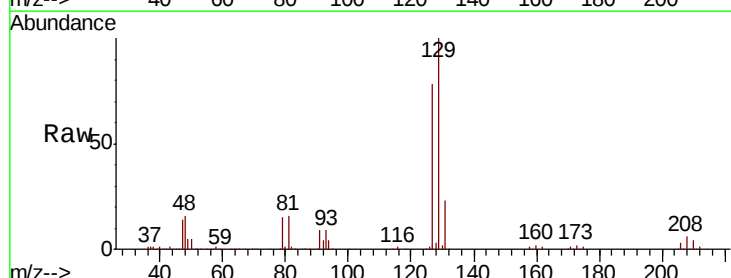
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

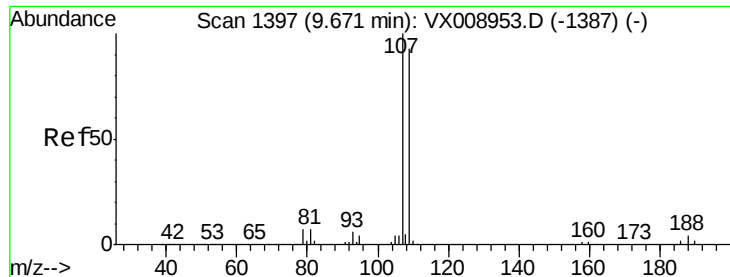
Tot Ion: 43 Resp: 941437
Ion Ratio Lower Upper
43 100
58 51.3 25.9 77.8



#60
Dibromochloromethane
Concen: 51.050 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Tgt Ion:129 Resp: 124441
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.2





#61

1,2-Dibromoethane

Concen: 49.752 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

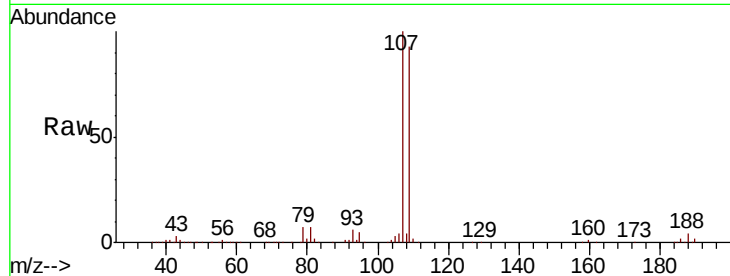
VSTDCCC050EC

Tot Ion:107 Resp: 130599

Ion Ratio Lower Upper

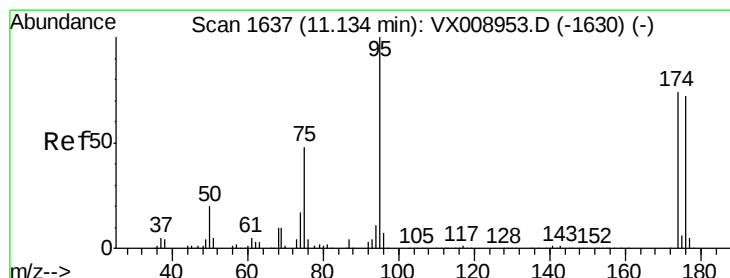
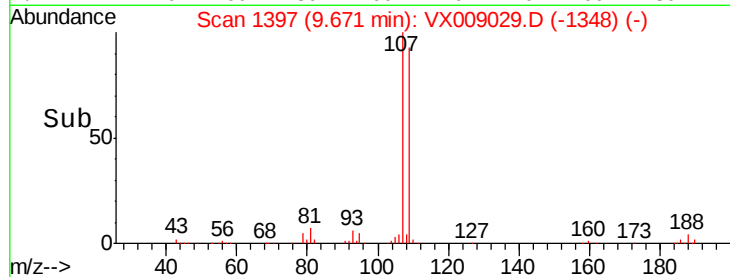
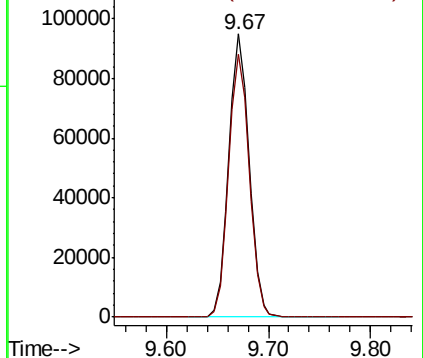
107 100

109 94.4 74.4 111.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.722 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

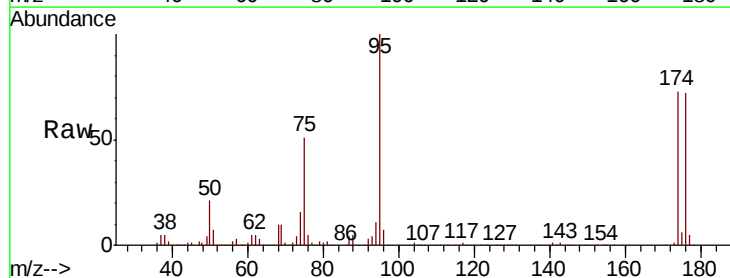
Tgt Ion: 95 Resp: 157662

Ion Ratio Lower Upper

95 100

174 77.9 0.0 159.6

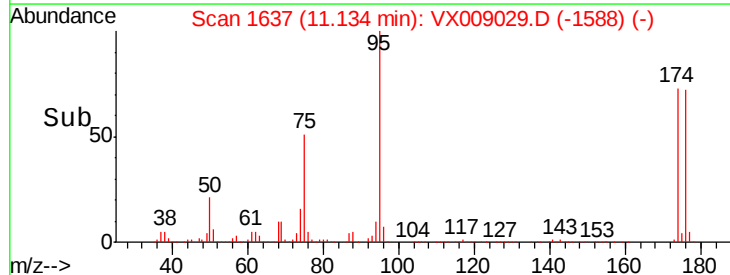
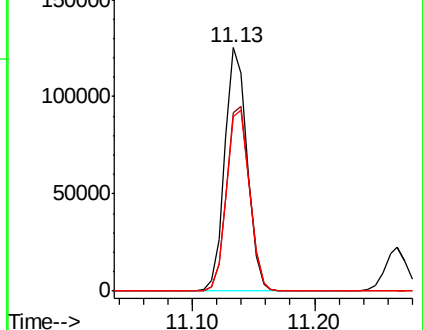
176 76.5 0.0 154.8

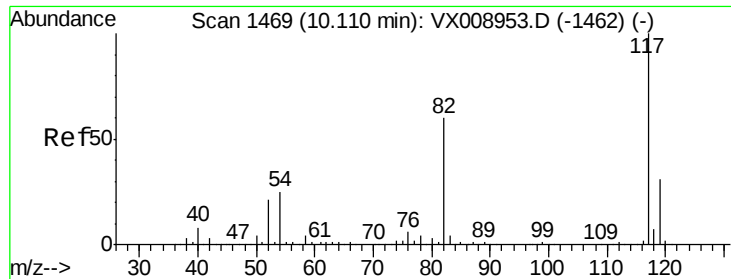


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

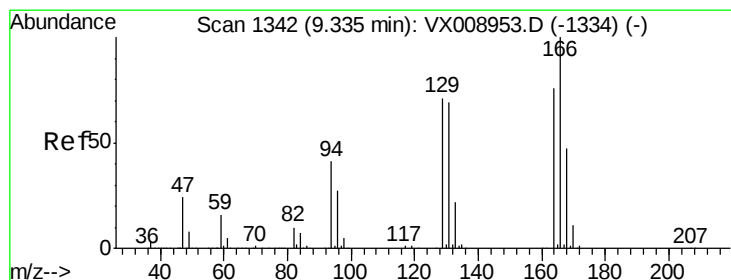
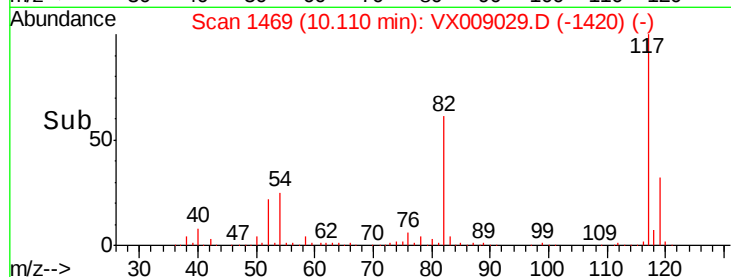
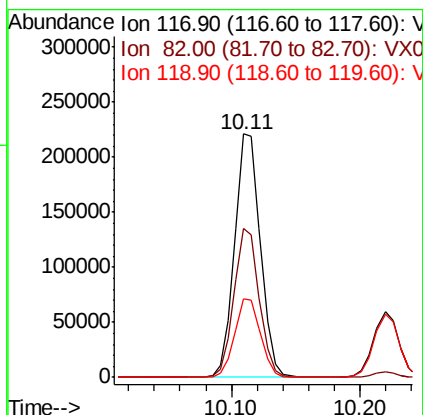
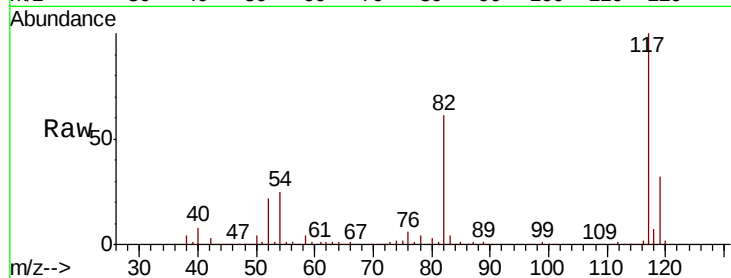




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

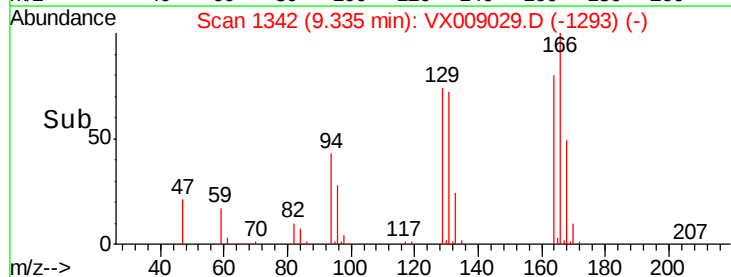
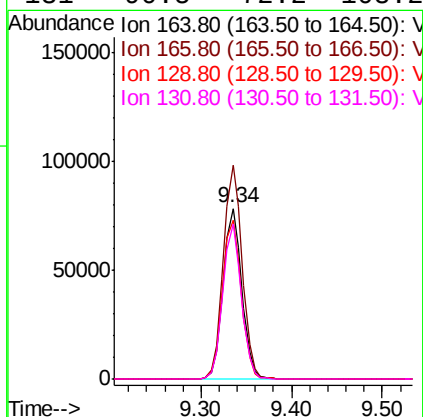
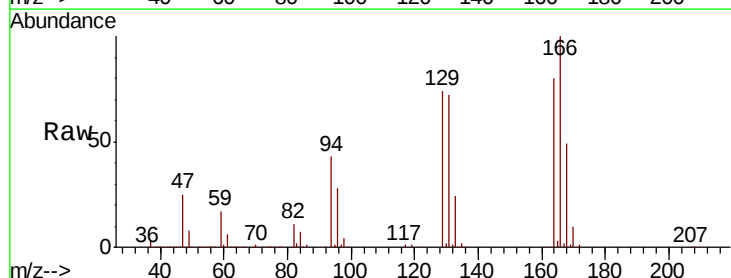
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

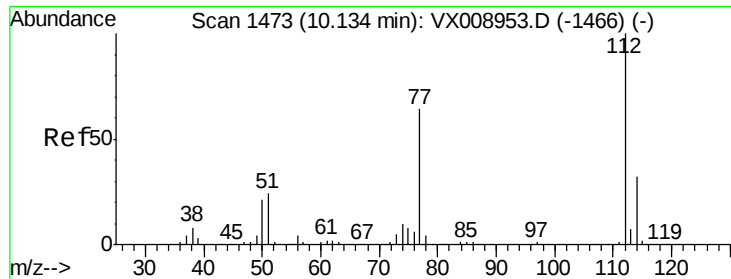
Tot Ion:117 Resp: 308739
Ion Ratio Lower Upper
117 100
82 61.4 48.2 72.4
119 32.1 25.0 37.6



#64
Tetrachloroethene
Concen: 47.929 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Tgt Ion:164 Resp: 112413
Ion Ratio Lower Upper
164 100
166 125.3 105.0 157.4
129 92.9 74.2 111.4
131 90.5 72.2 108.2

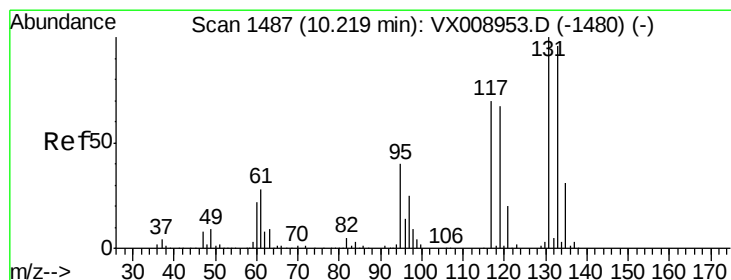
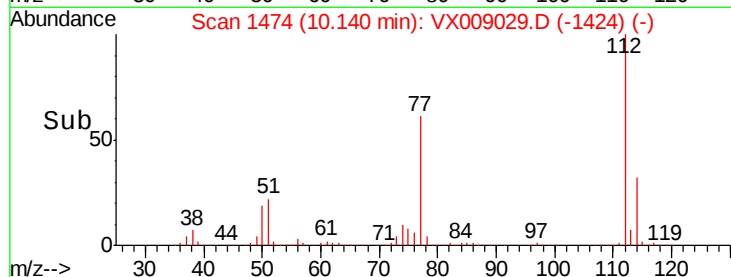
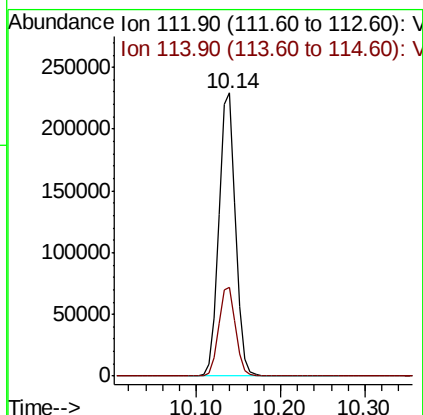
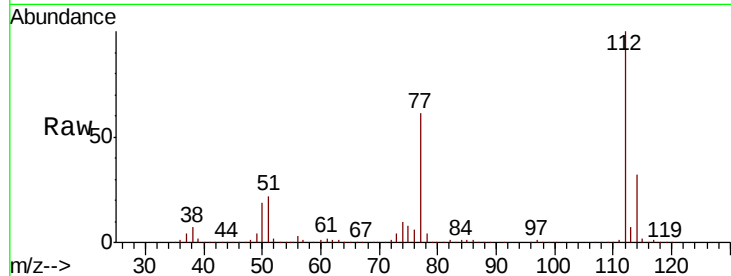




#65
Chlorobenzene
Concen: 48.218 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

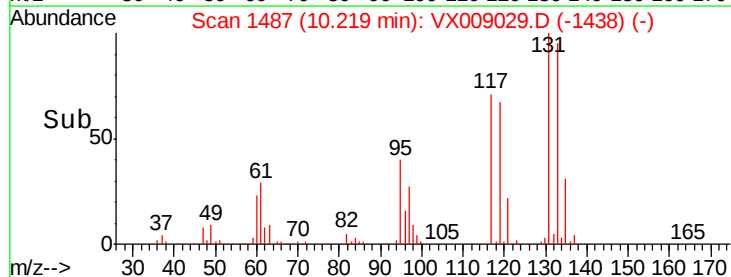
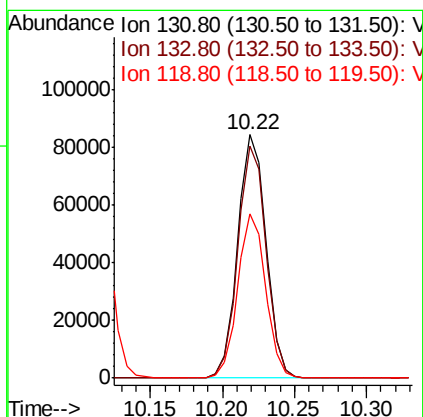
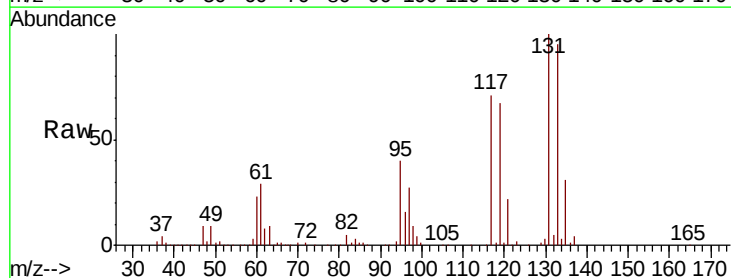
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

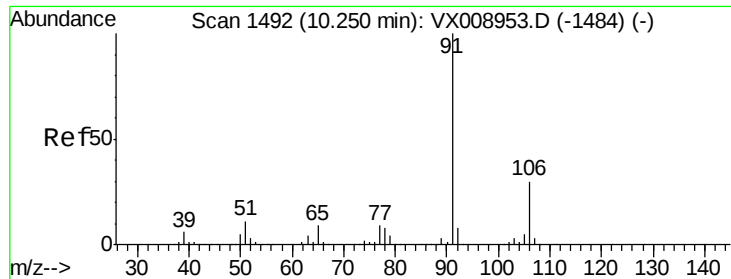
Tot Ion:112 Resp: 314222
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 50.213 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Tgt Ion:131 Resp: 115276
Ion Ratio Lower Upper
131 100
133 95.2 48.0 144.2
119 67.0 33.7 101.1

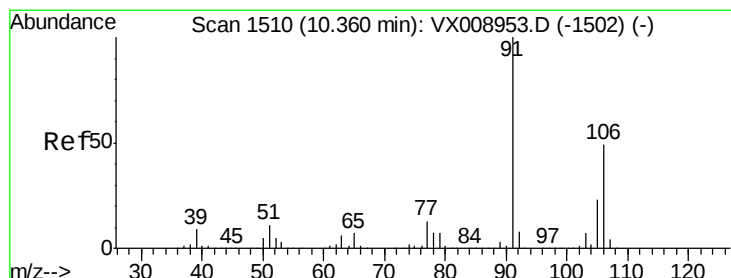
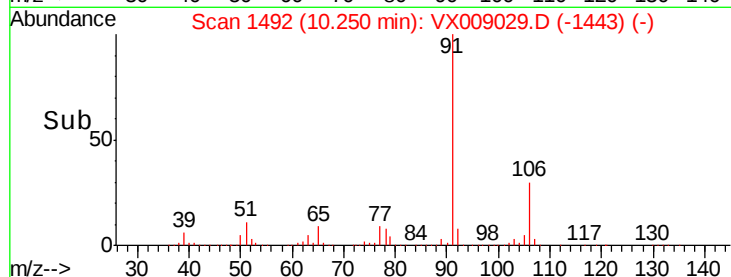
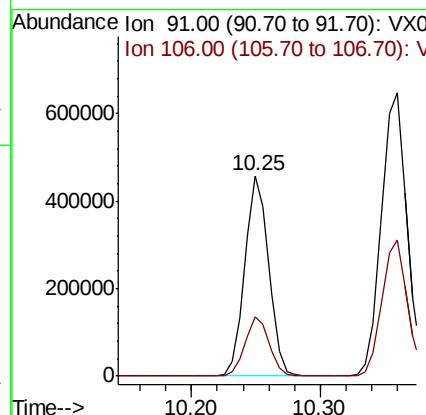
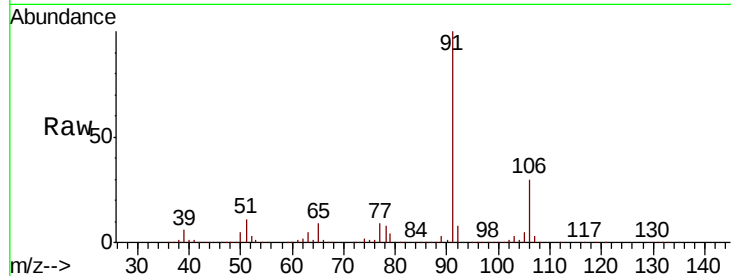




#67
Ethyl Benzene
Concen: 49.161 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

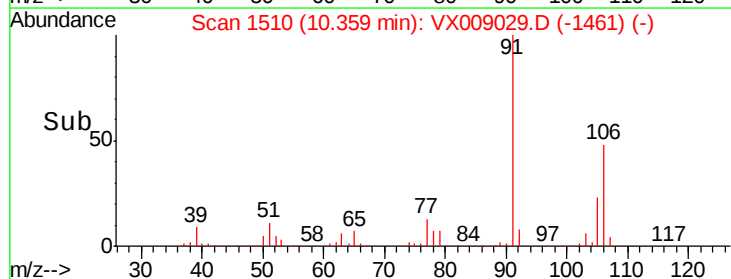
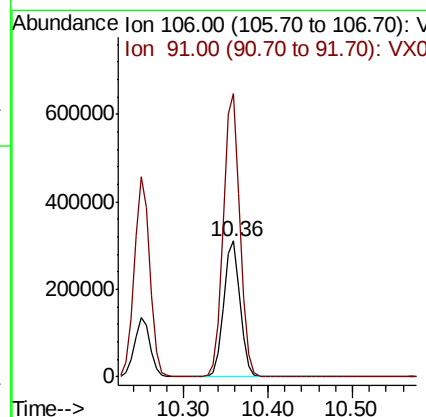
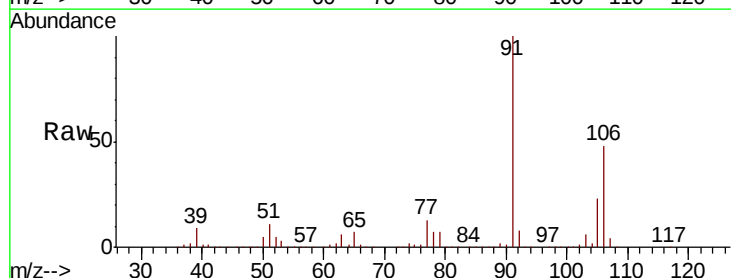
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

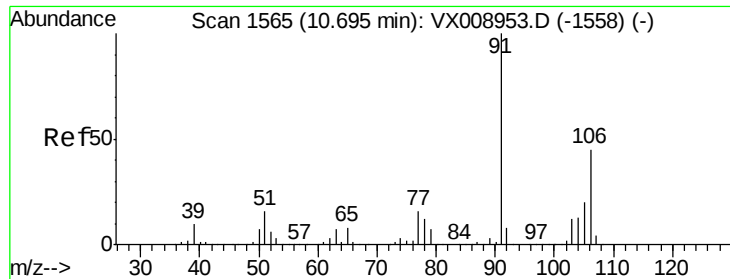
Tot Ion: 91 Resp: 585635
Ion Ratio Lower Upper
91 100
106 29.8 24.3 36.5



#68
m/p-Xylenes
Concen: 97.174 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Tgt Ion: 106 Resp: 420702
Ion Ratio Lower Upper
106 100
91 209.5 165.4 248.2

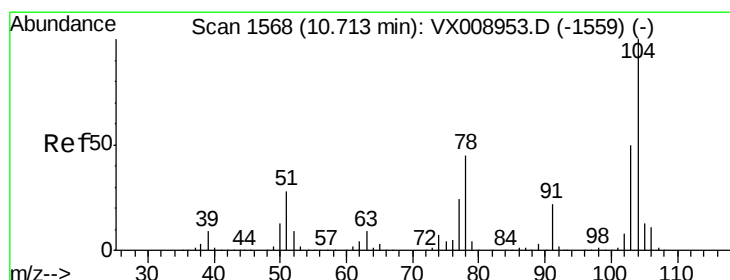
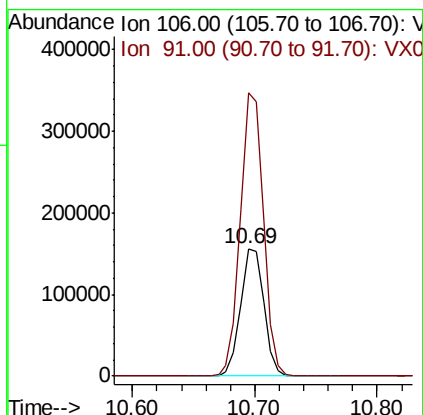
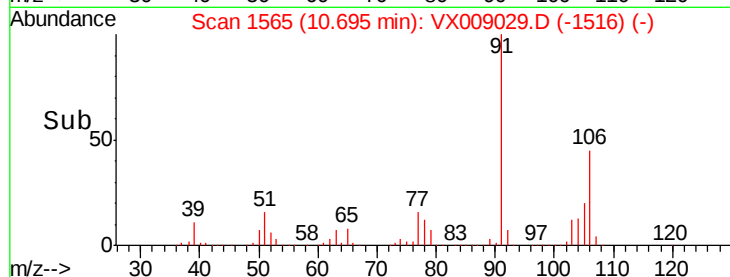
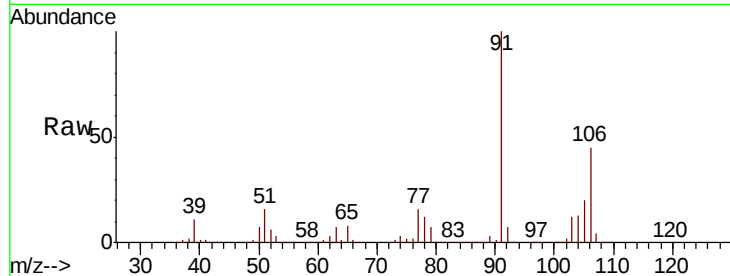




#69
o-Xylene
Concen: 48.819 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

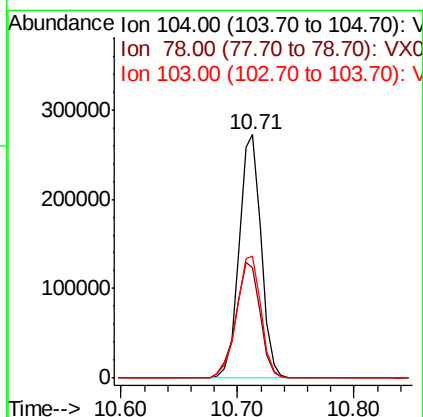
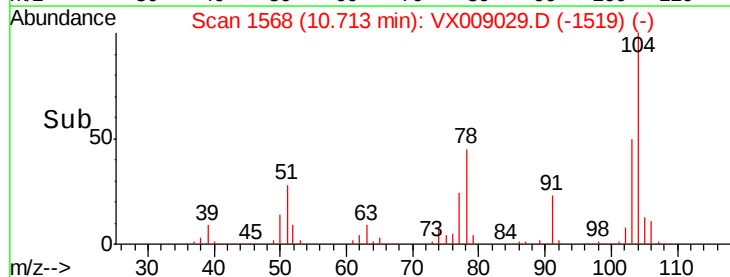
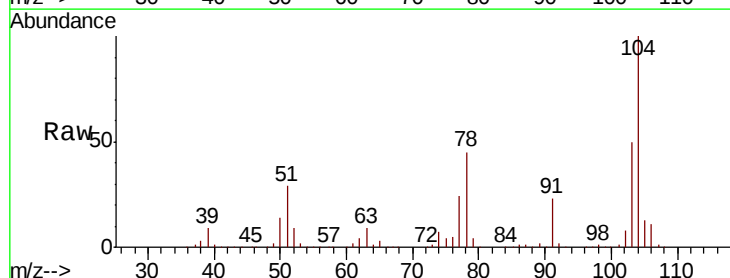
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

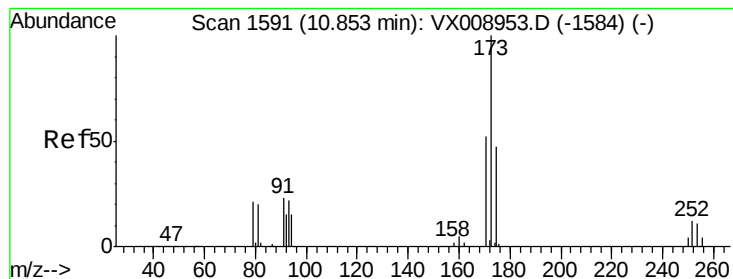
Tot Ion:106 Resp: 205652
Ion Ratio Lower Upper
106 100
91 220.2 108.9 326.7



#70
Styrene
Concen: 49.101 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Tgt Ion:104 Resp: 358439
Ion Ratio Lower Upper
104 100
78 52.3 41.2 61.8
103 55.1 43.9 65.9





#71

Bromoform

Concen: 49.507 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

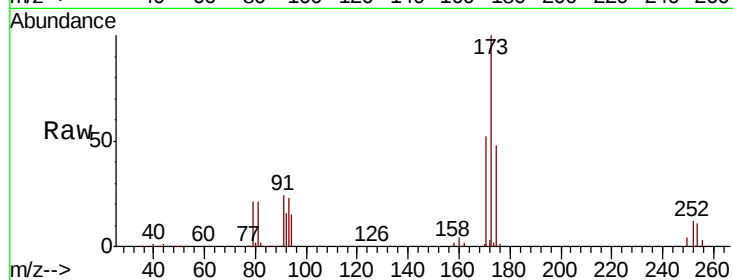
Tot Ion:173 Resp: 90547

Ion Ratio Lower Upper

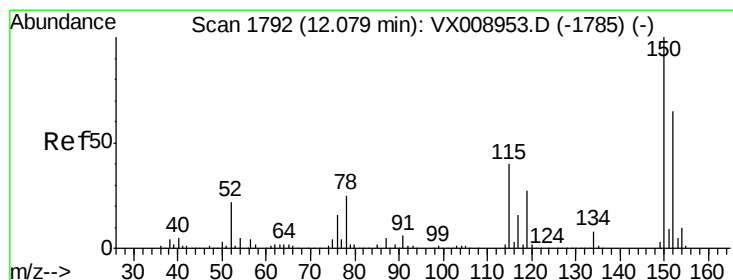
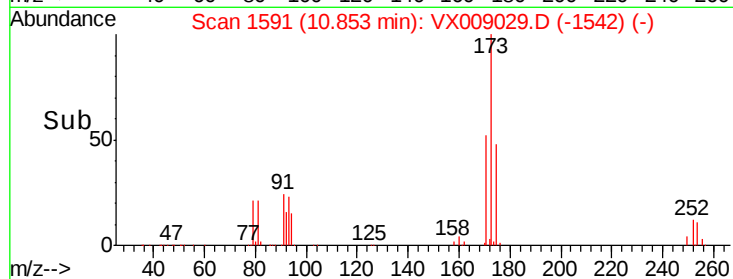
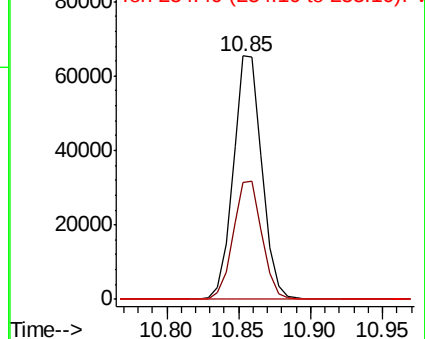
173 100

175 49.0 23.9 71.8

254 0.1 0.2 0.4#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

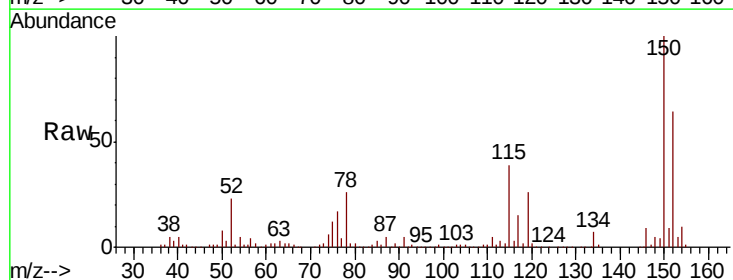
Tgt Ion:152 Resp: 142880

Ion Ratio Lower Upper

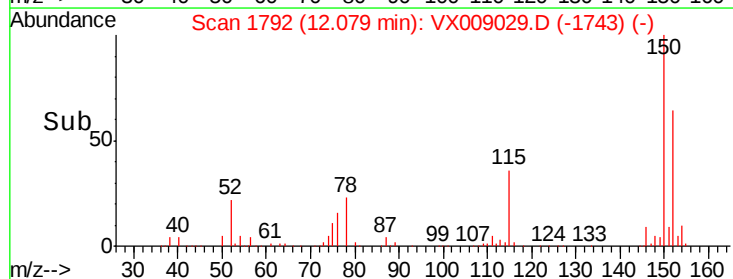
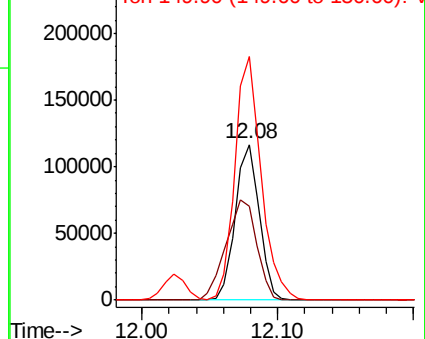
152 100

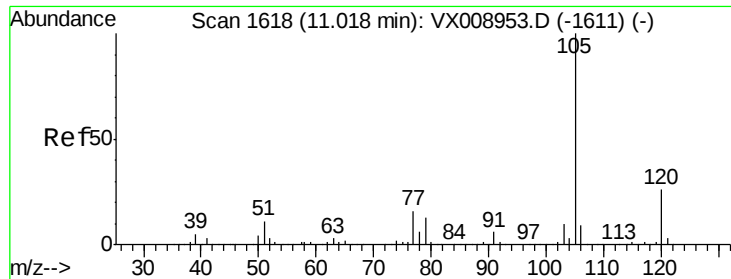
115 82.8 41.4 124.2

150 171.8 0.0 349.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.683 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

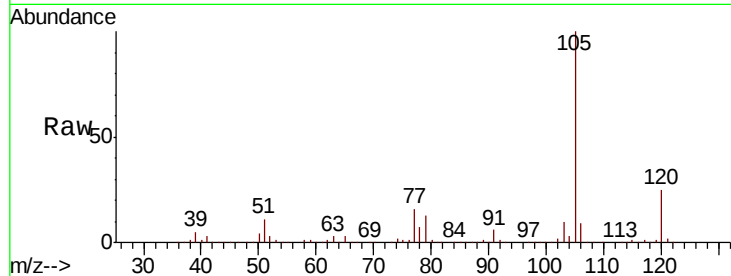
VSTDCCC050EC

Tot Ion:105 Resp: 548909

Ion Ratio Lower Upper

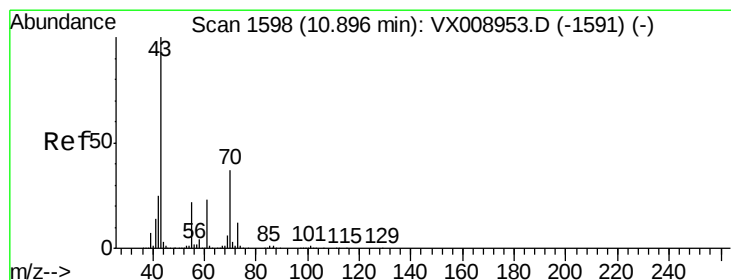
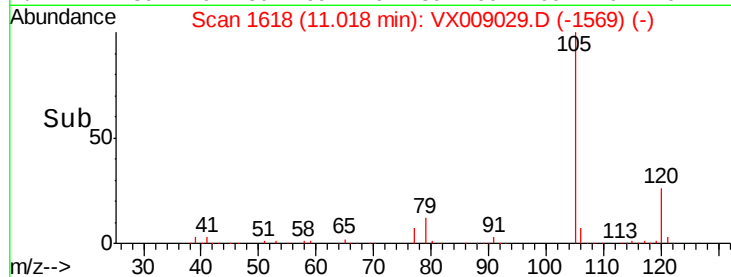
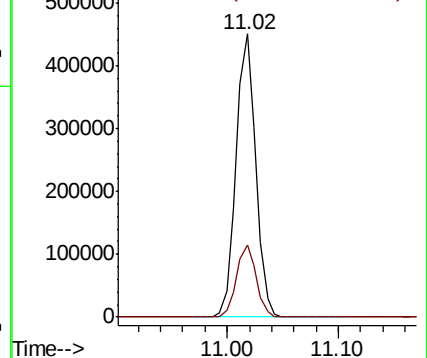
105 100

120 25.6 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.212 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Tgt Ion: 43 Resp: 324676

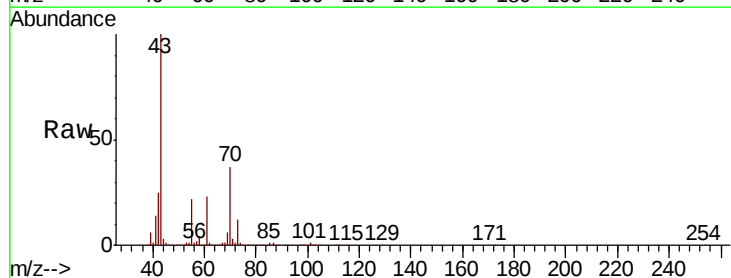
Ion Ratio Lower Upper

43 100

70 37.3 29.9 44.9

55 22.5 17.8 26.8

61 22.3 18.3 27.5

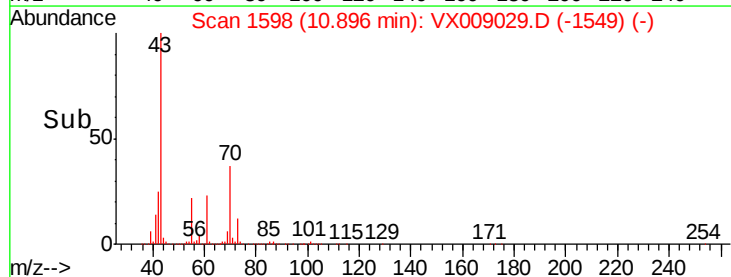
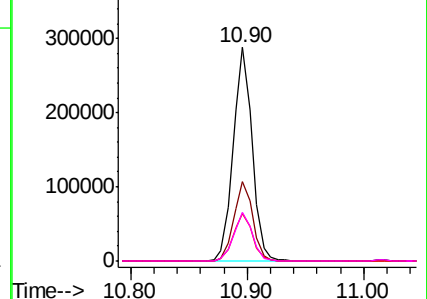


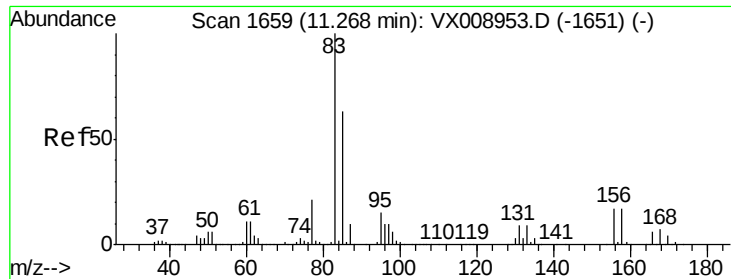
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.881 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

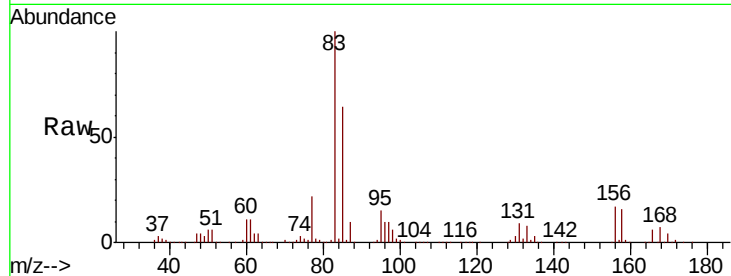
Tot Ion: 83 Resp: 197383

Ion Ratio Lower Upper

83 100

131 9.2 4.7 14.0

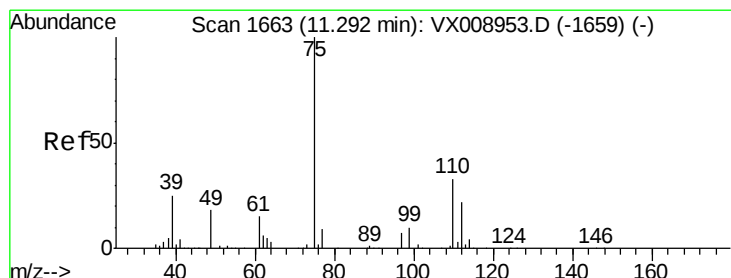
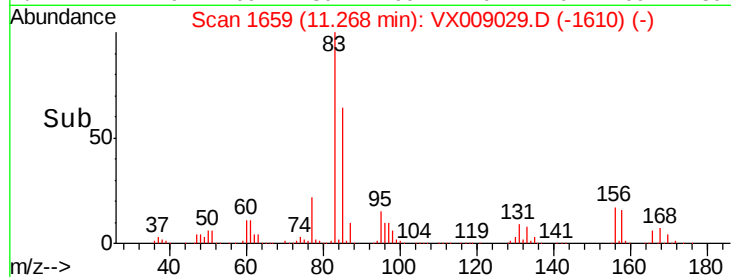
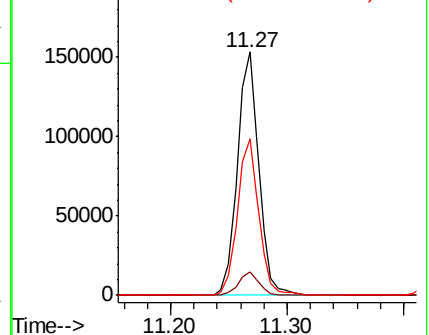
85 64.1 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 67.033 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009029.D

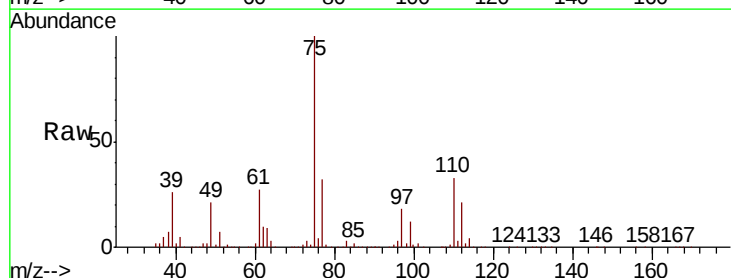
Acq: 17 Apr 2019 20:51

Tgt Ion: 75 Resp: 233867

Ion Ratio Lower Upper

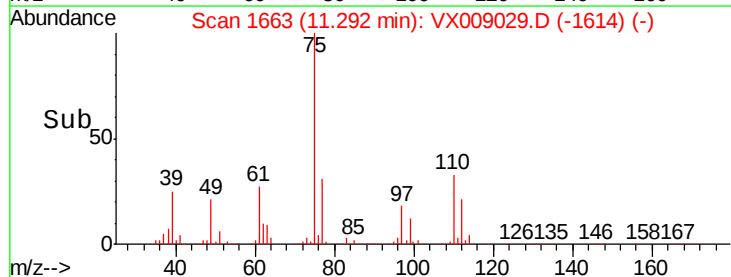
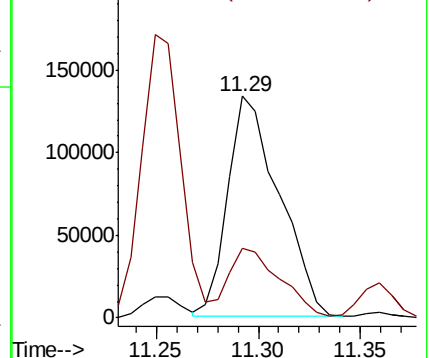
75 100

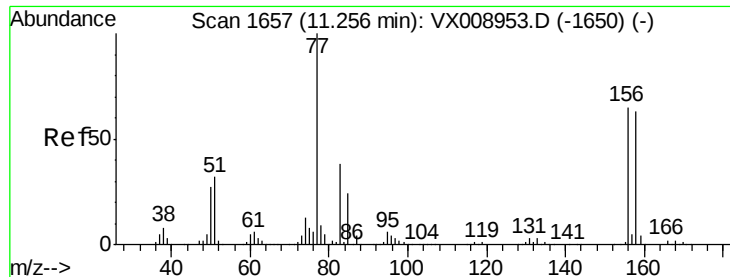
77 32.2 22.7 68.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.069 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

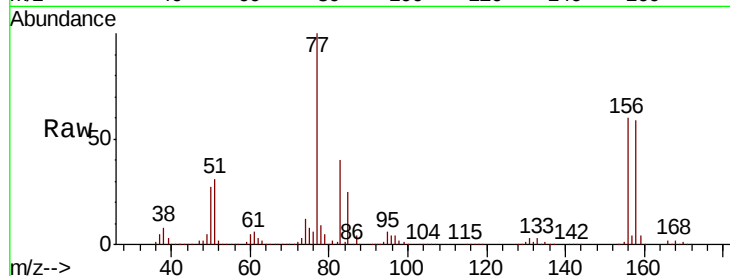
Tot Ion:156 Resp: 131350

Ion Ratio Lower Upper

156 100

77 174.1 85.4 256.1

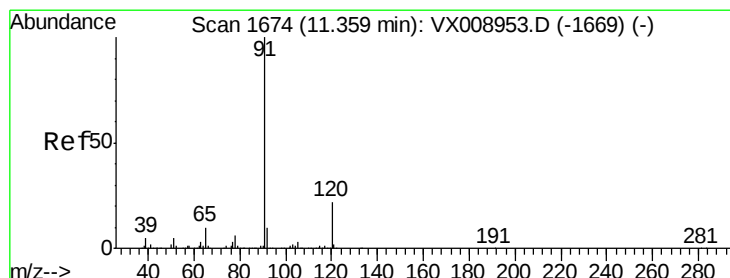
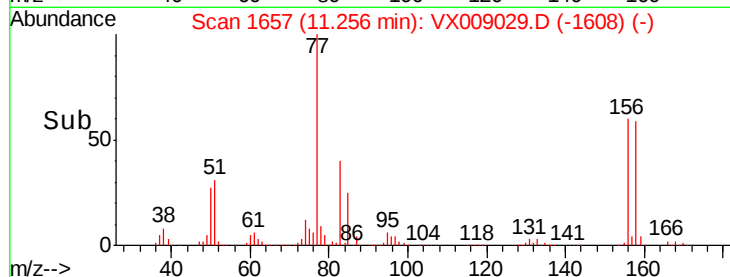
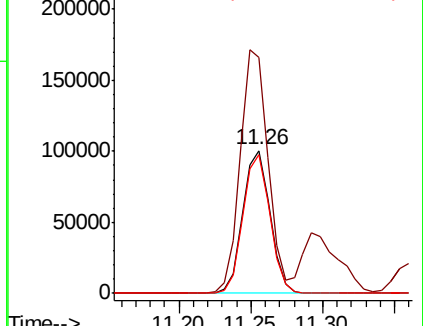
158 96.7 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.452 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009029.D

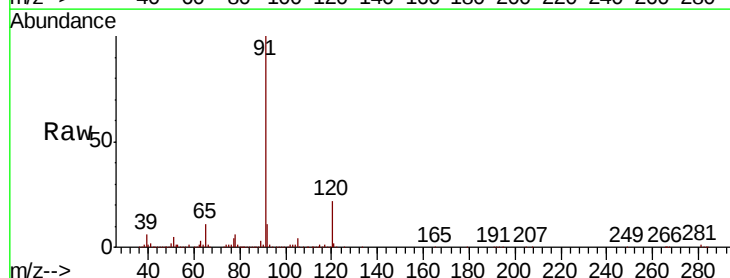
Acq: 17 Apr 2019 20:51

Tgt Ion: 91 Resp: 627144

Ion Ratio Lower Upper

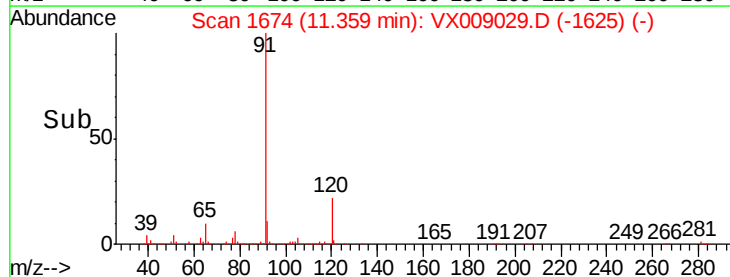
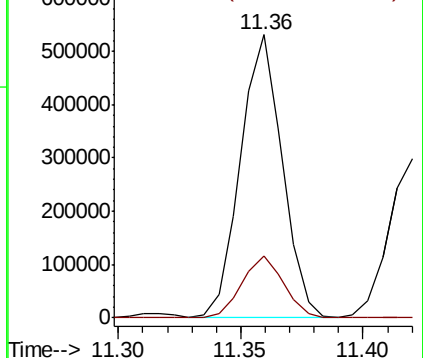
91 100

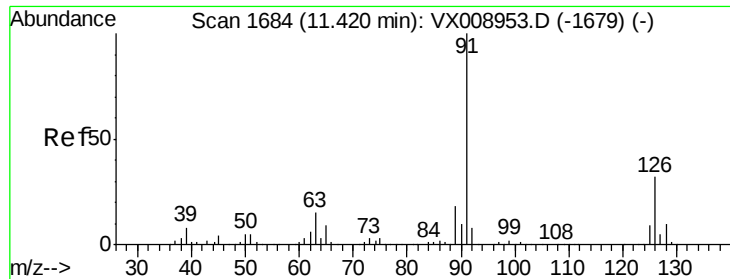
120 21.9 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

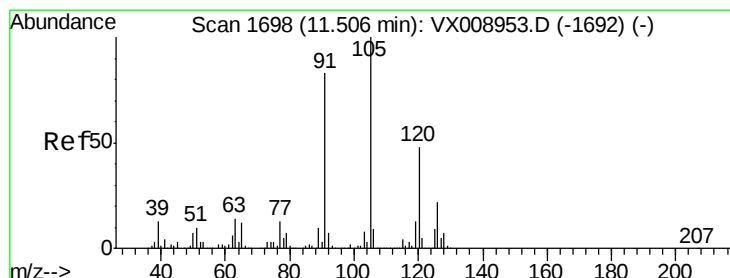
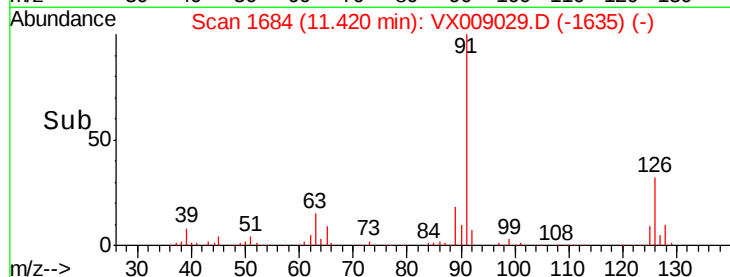
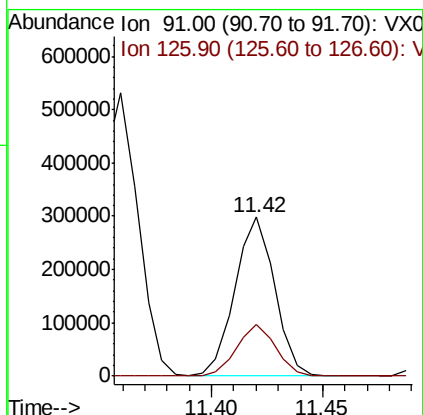
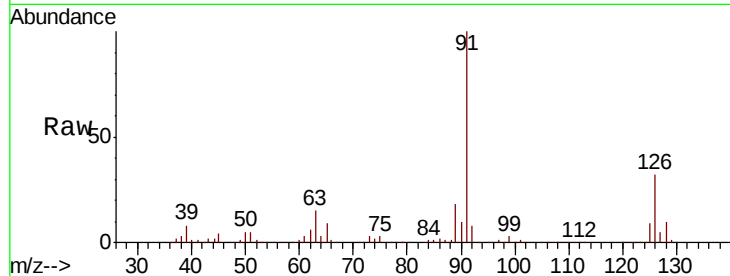




#79
 2-Chlorotoluene
 Concen: 49.445 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX009029.D
 Acq: 17 Apr 2019 20:51

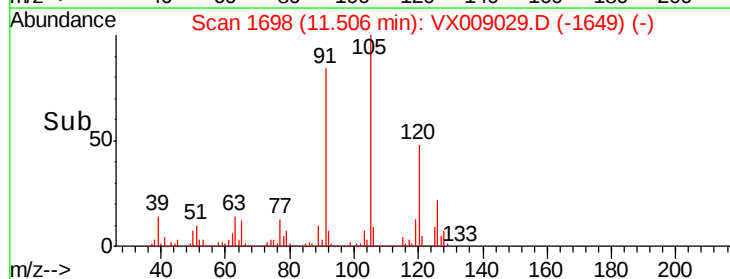
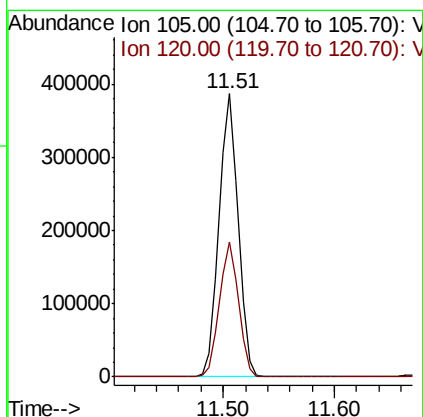
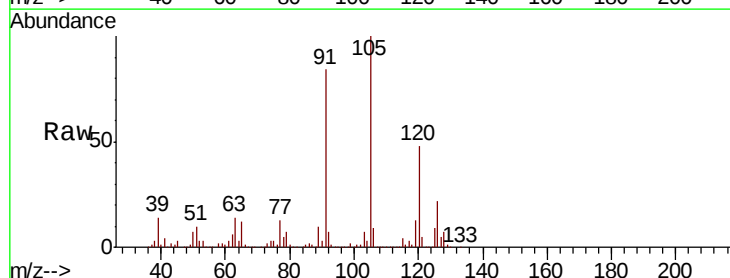
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

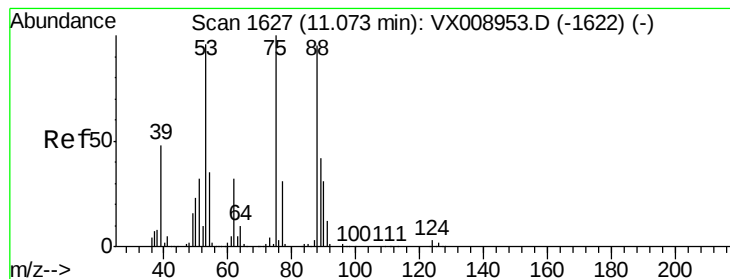
Tot Ion: 91 Resp: 370375
 Ion Ratio Lower Upper
 91 100
 126 32.1 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 50.629 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009029.D
 Acq: 17 Apr 2019 20:51

Tgt Ion:105 Resp: 460121
 Ion Ratio Lower Upper
 105 100
 120 47.6 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 48.177 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

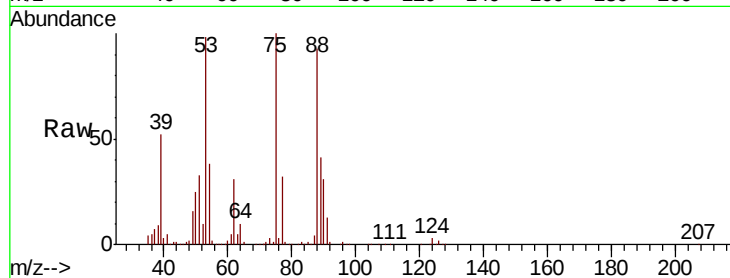
Tot Ion: 75 Resp: 65471

Ion Ratio Lower Upper

75 100

53 101.4 78.2 117.4

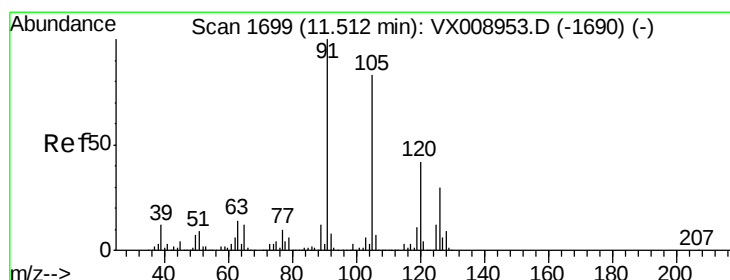
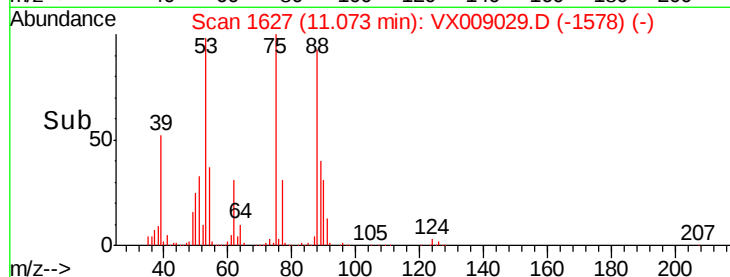
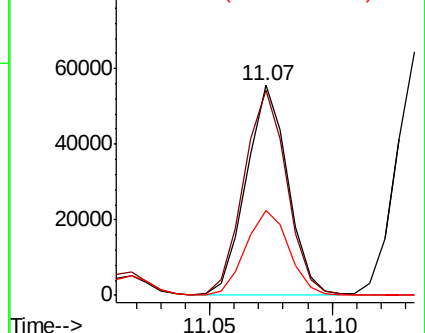
89 42.3 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 48.958 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX009029.D

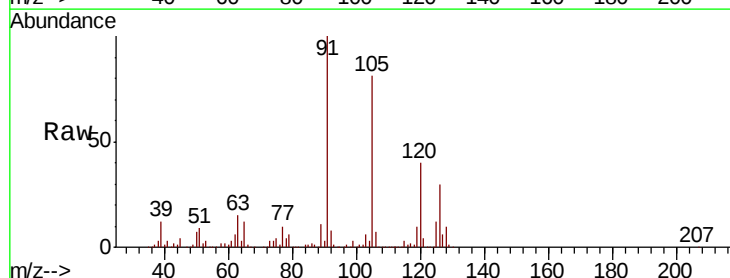
Acq: 17 Apr 2019 20:51

Tgt Ion: 91 Resp: 425914

Ion Ratio Lower Upper

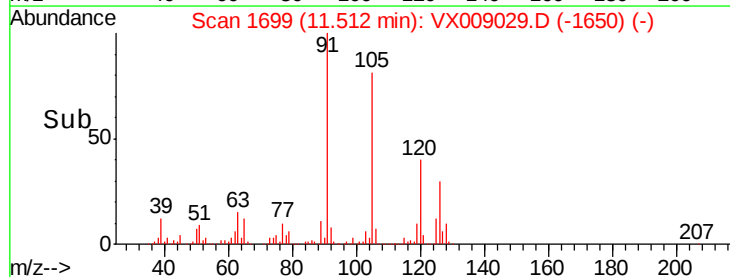
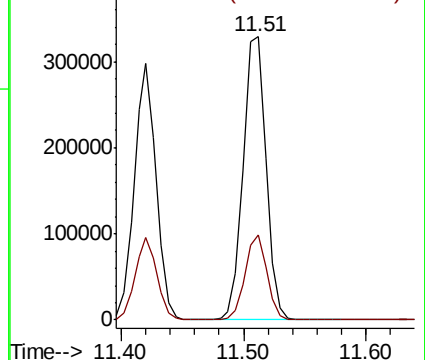
91 100

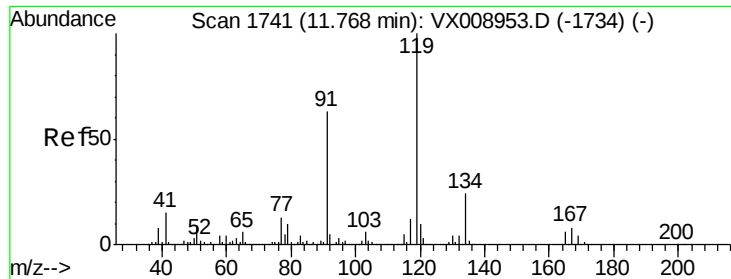
126 28.6 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

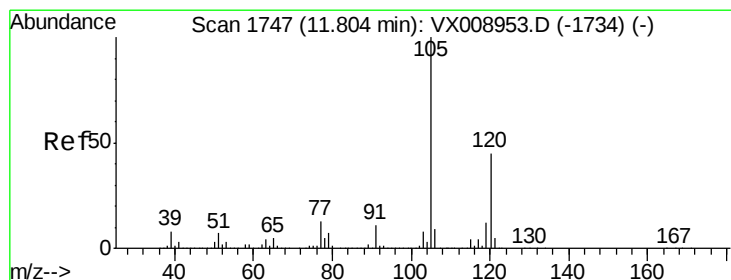
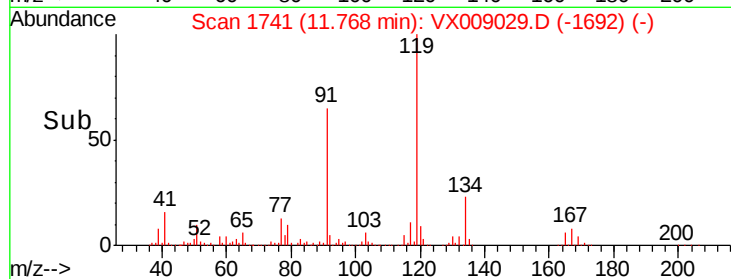
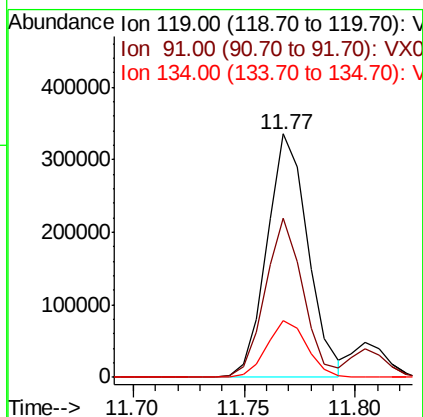
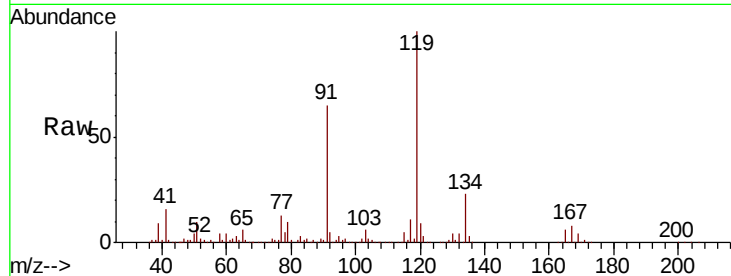




#83
tert-Butylbenzene
Concen: 49.127 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

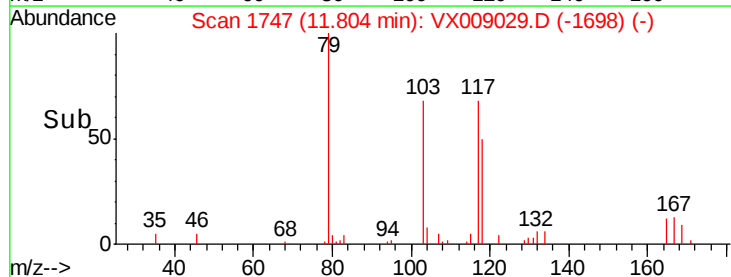
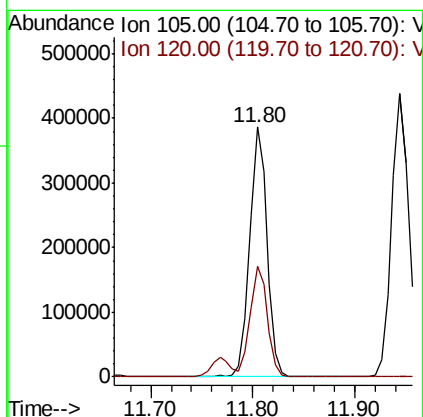
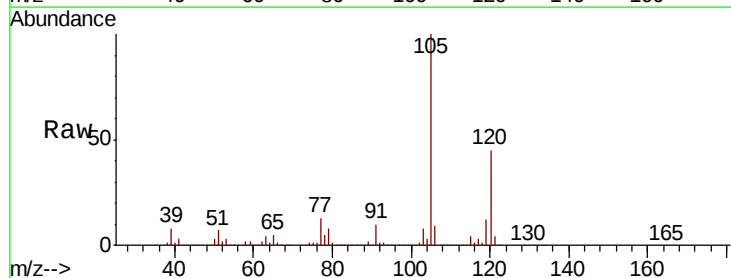
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

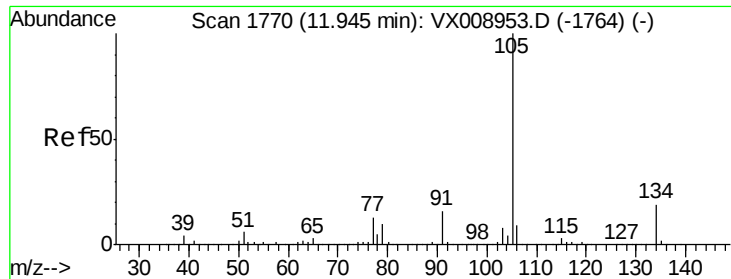
Tot Ion:119 Resp: 428660
Ion Ratio Lower Upper
119 100
91 60.6 29.7 89.1
134 22.7 11.2 33.5



#84
1,2,4-Trimethylbenzene
Concen: 49.735 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Tgt Ion:105 Resp: 460098
Ion Ratio Lower Upper
105 100
120 43.8 21.9 65.8





#85

sec-Butylbenzene

Concen: 49.818 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

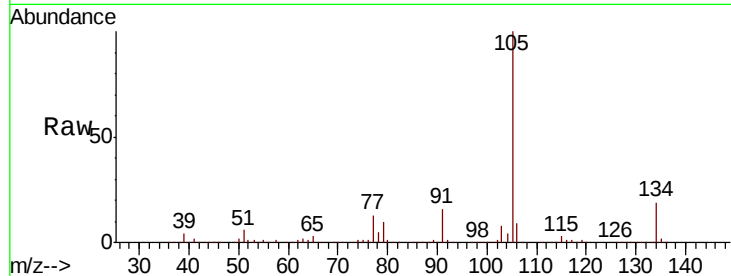
VSTDCCC050EC

Tot Ion:105 Resp: 518433

Ion Ratio Lower Upper

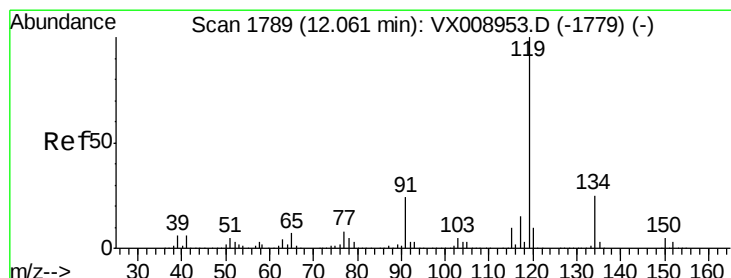
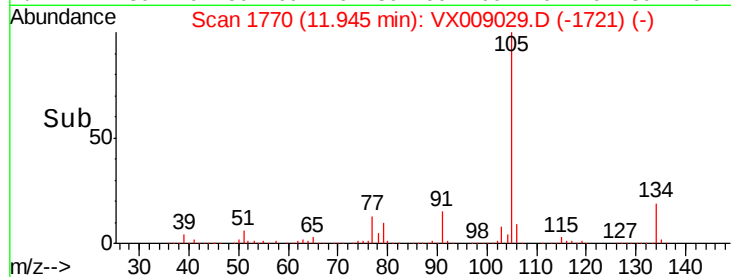
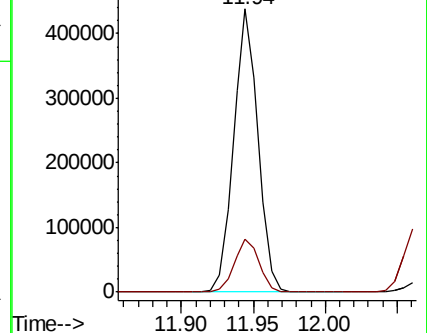
105 100

134 19.2 9.6 28.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.084 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

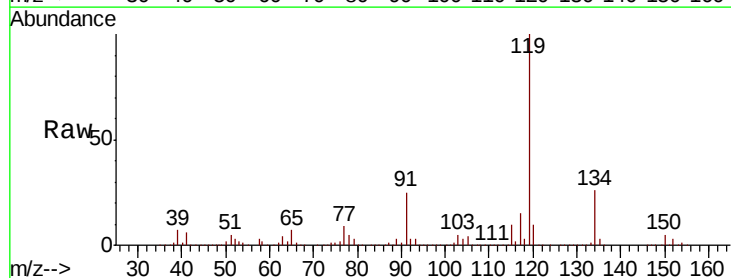
Tgt Ion:119 Resp: 469617

Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.6

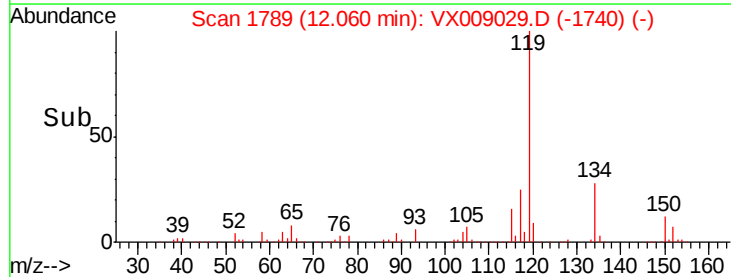
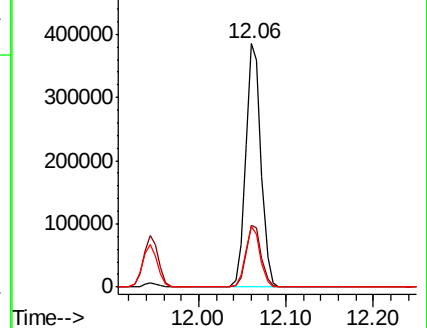
91 24.0 11.9 35.5

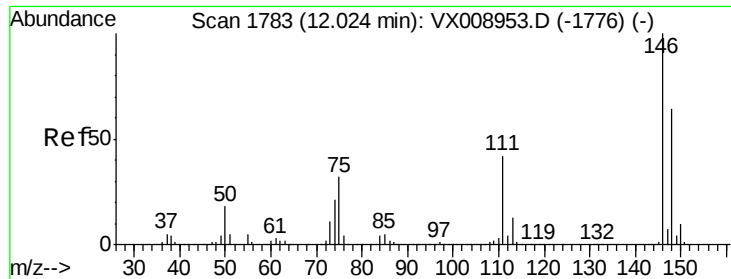


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

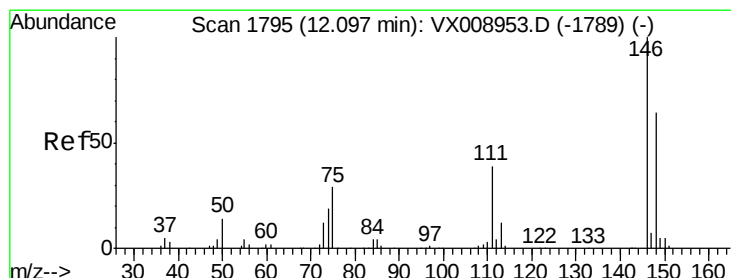
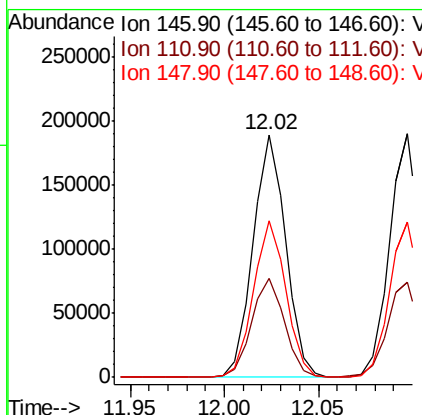
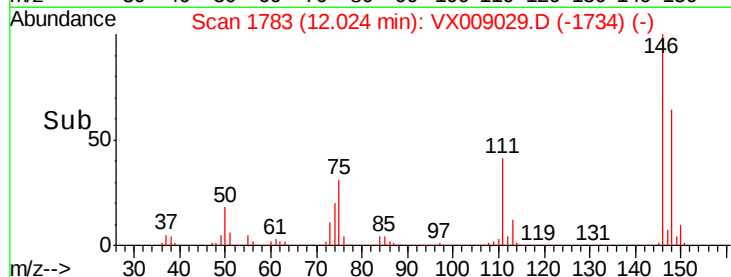
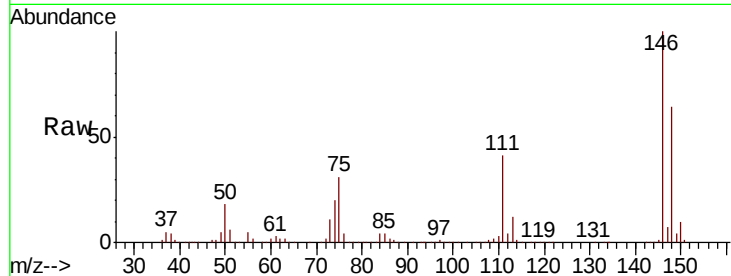




#87
 1,3-Dichlorobenzene
 Concen: 47.506 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009029.D
 Acq: 17 Apr 2019 20:51

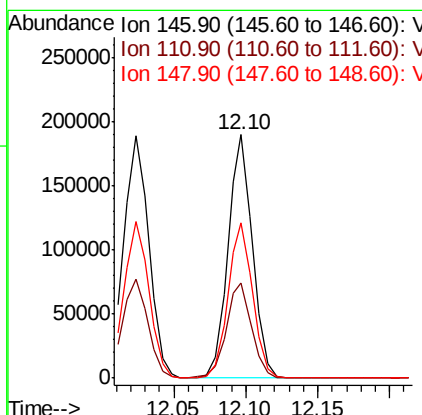
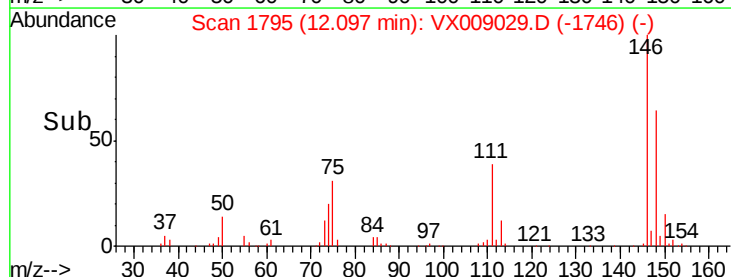
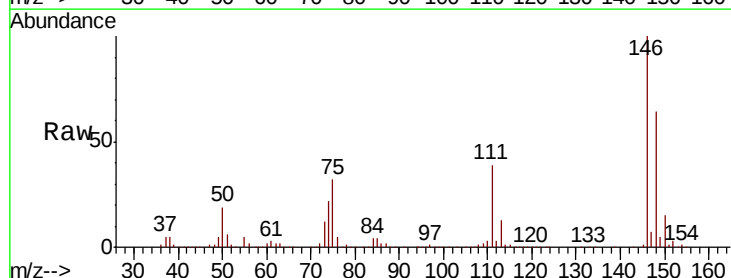
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

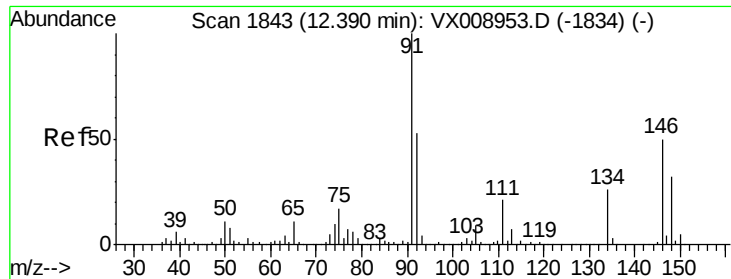
Tot Ion:146 Resp: 227200
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.5 61.6
 148 64.1 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 46.450 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009029.D
 Acq: 17 Apr 2019 20:51

Tgt Ion:146 Resp: 225193
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.0 59.9
 148 64.3 32.2 96.6

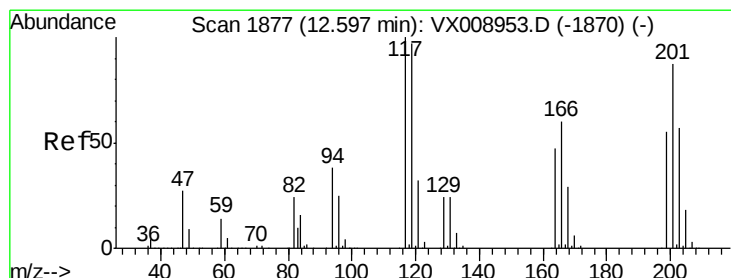
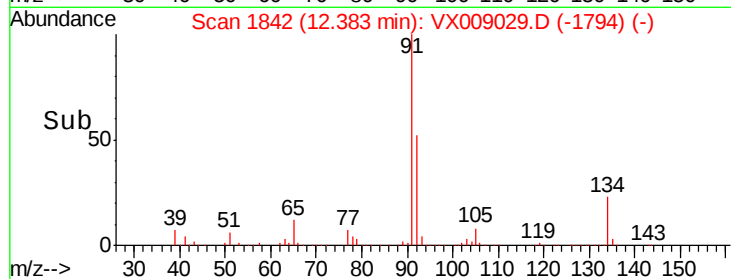
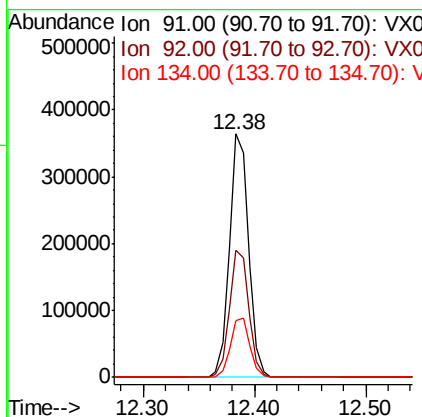
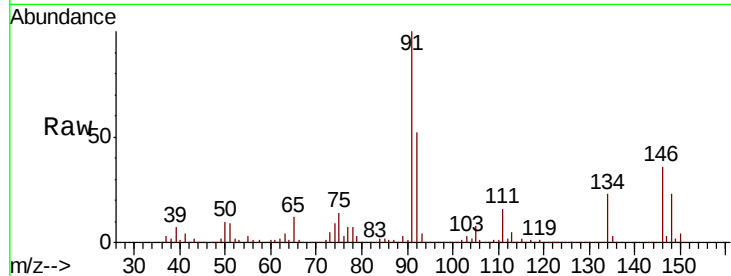




#89
n-Butylbenzene
Concen: 48.239 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

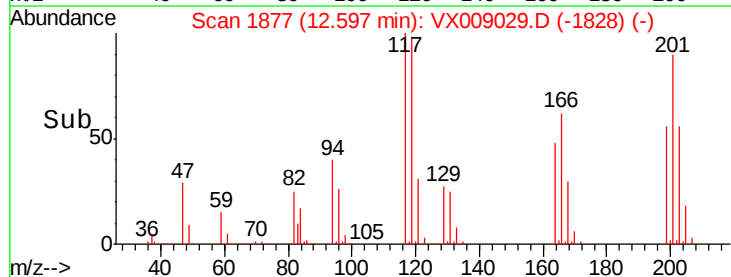
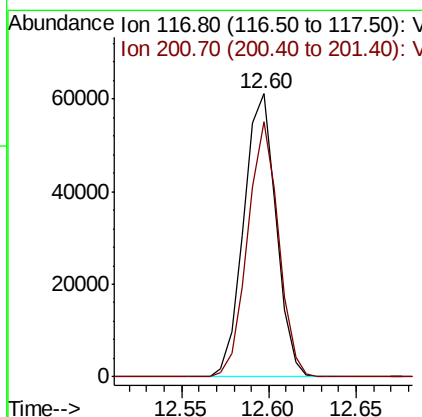
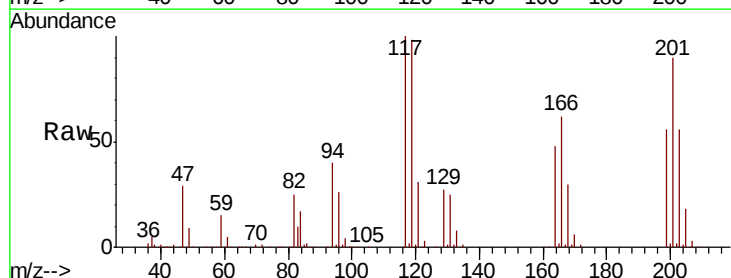
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

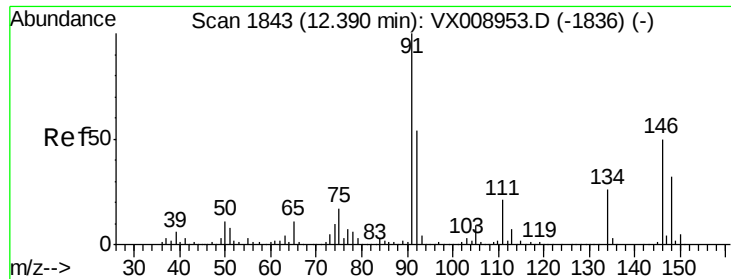
Tot Ion: 91 Resp: 429831
Ion Ratio Lower Upper
91 100
92 52.8 26.6 79.8
134 24.5 12.4 37.2



#90
Hexachloroethane
Concen: 49.883 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009029.D
Acq: 17 Apr 2019 20:51

Tgt Ion: 117 Resp: 78726
Ion Ratio Lower Upper
117 100
201 85.6 43.0 129.0

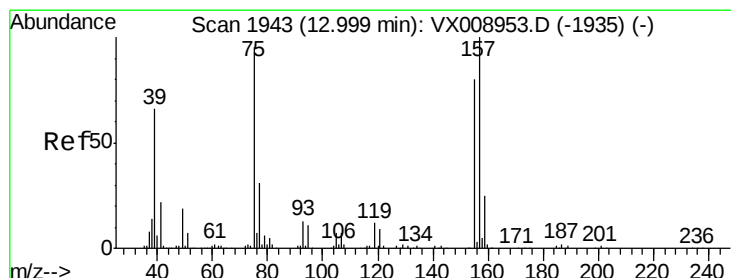
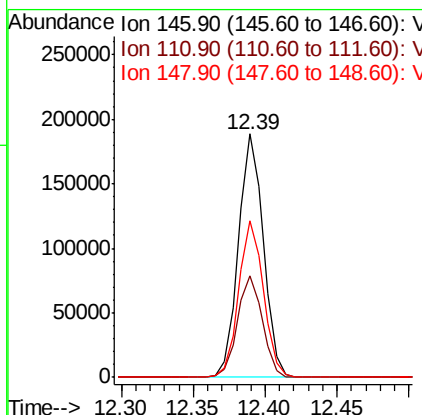
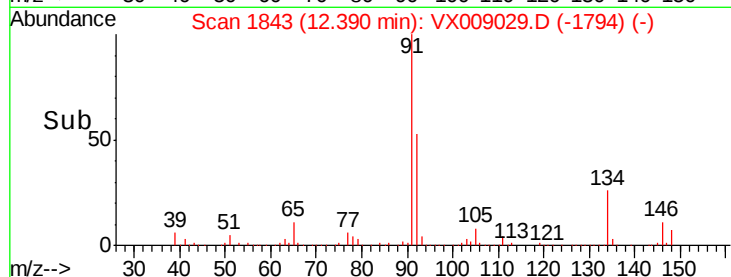
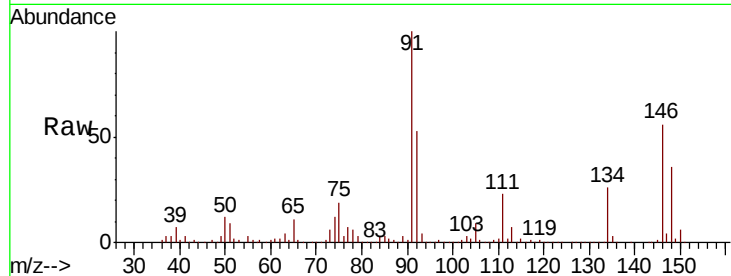




#91
 1,2-Dichlorobenzene
 Concen: 48.116 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009029.D
 Acq: 17 Apr 2019 20:51

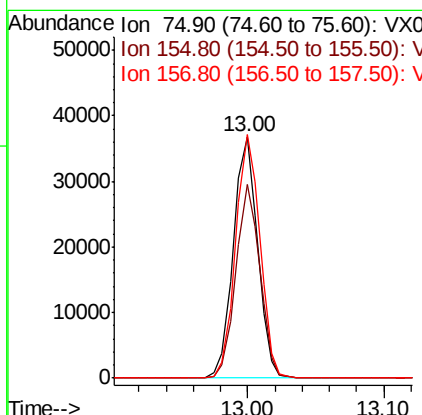
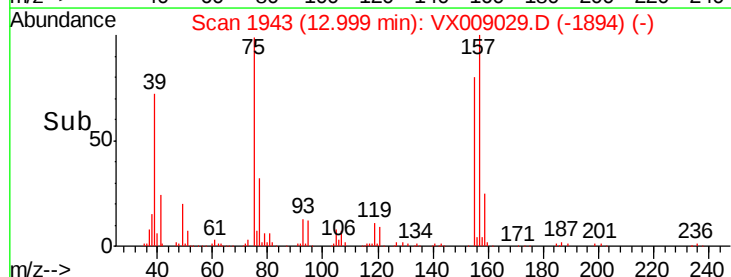
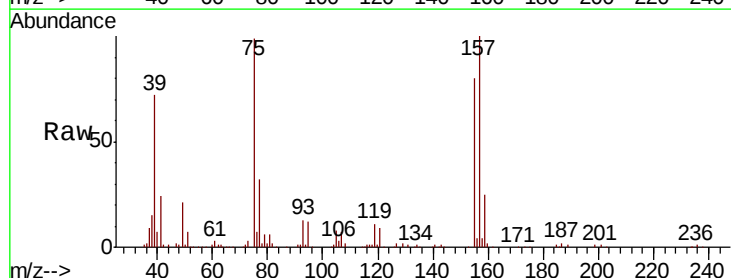
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

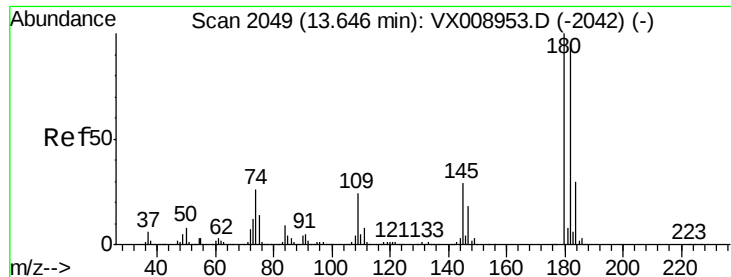
Tot Ion:146 Resp: 227232
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.6 61.9
 148 63.9 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.769 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009029.D
 Acq: 17 Apr 2019 20:51

Tgt Ion: 75 Resp: 45741
 Ion Ratio Lower Upper
 75 100
 155 79.6 41.2 123.6
 157 101.2 52.5 157.6

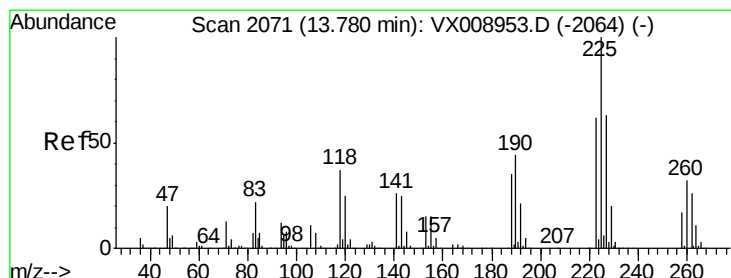
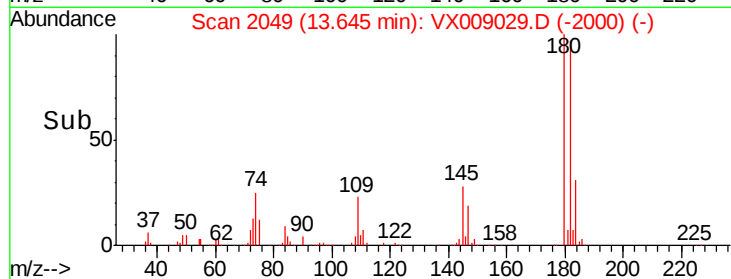
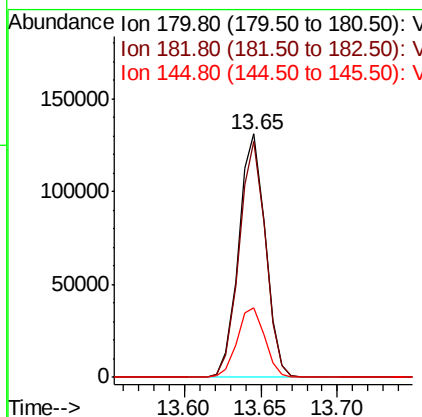
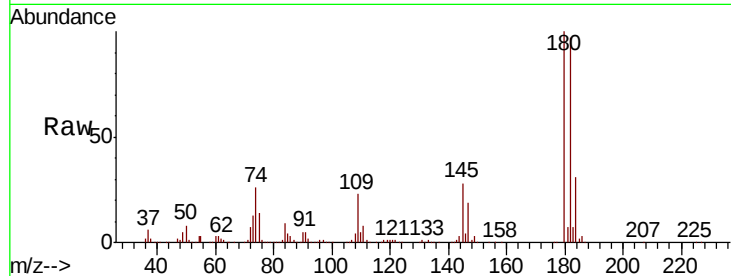




#93
 1,2,4-Trichlorobenzene
 Concen: 46.564 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009029.D
 Acq: 17 Apr 2019 20:51

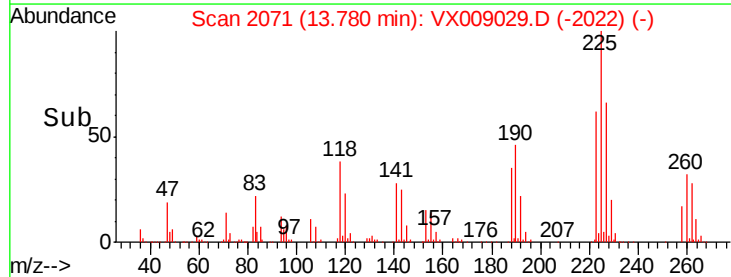
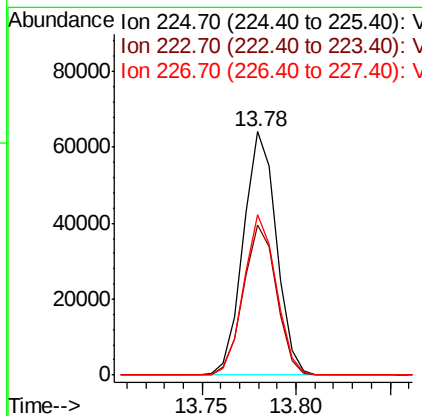
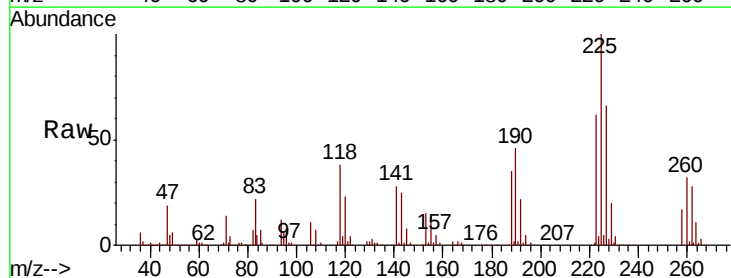
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

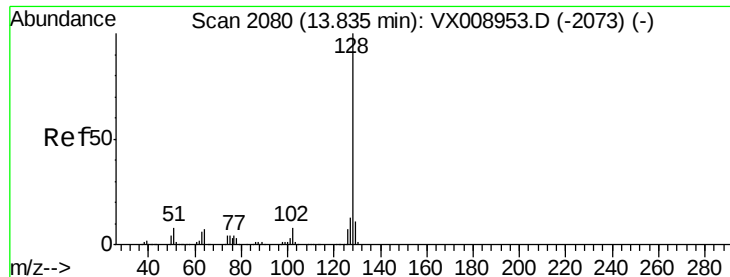
Tot Ion:180 Resp: 158742
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.6 142.9
 145 29.4 14.8 44.4



#94
 Hexachlorobutadiene
 Concen: 45.965 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009029.D
 Acq: 17 Apr 2019 20:51

Tgt Ion:225 Resp: 78154
 Ion Ratio Lower Upper
 225 100
 223 61.8 31.1 93.2
 227 64.7 32.0 96.2





#95

Naphthalene

Concen: 49.437 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

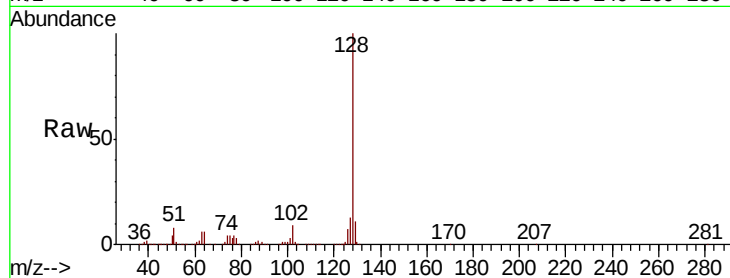
Tot Ion:128 Resp: 539955

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

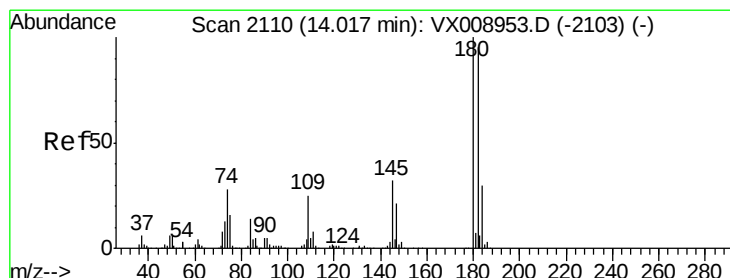
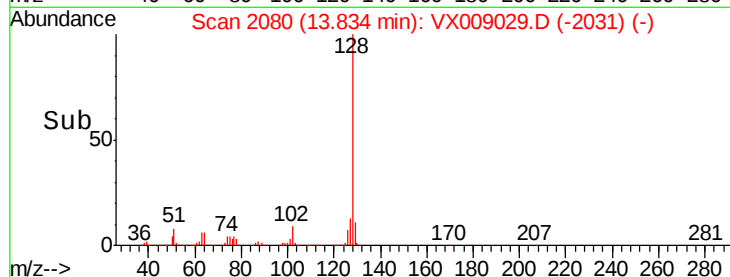
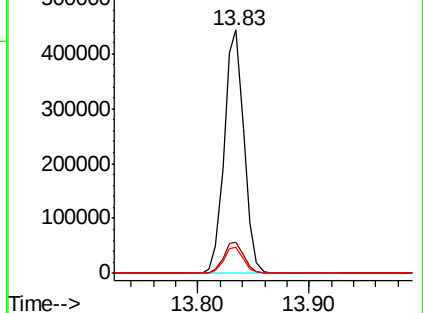
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.764 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX009029.D

Acq: 17 Apr 2019 20:51

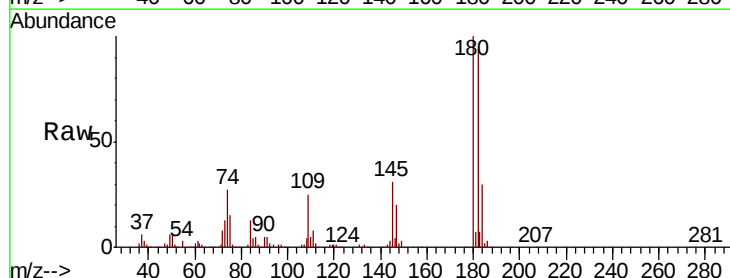
Tgt Ion:180 Resp: 160662

Ion Ratio Lower Upper

180 100

182 94.9 47.8 143.4

145 31.3 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

