

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041219\
 Data File : VX008902.D
 Acq On : 12 Apr 2019 21:44
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 13 05:02:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	149888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	250028	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	224212	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	103671	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	110262	50.44	ug/l	0.00
Spiked Amount			Recovery	=	100.88%	
35) Dibromofluoromethane	5.50	113	80377	50.28	ug/l	0.00
Spiked Amount			Recovery	=	100.56%	
50) Toluene-d8	8.71	98	325189	51.09	ug/l	0.00
Spiked Amount			Recovery	=	102.18%	
62) 4-Bromofluorobenzene	11.13	95	117615	52.11	ug/l	0.00
Spiked Amount			Recovery	=	104.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	102744	59.550	ug/l	98
3) Chloromethane	1.32	50	120636	57.299	ug/l	99
4) Vinyl Chloride	1.40	62	115414	49.484	ug/l	100
5) Bromomethane	1.64	94	66004	57.167	ug/l	99
6) Chloroethane	1.71	64	68728	54.212	ug/l	99
7) Trichlorofluoromethane	1.92	101	128468	49.828	ug/l	99
8) Diethyl Ether	2.19	74	59344	48.537	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	80743	48.642	ug/l	99
10) Methyl Iodide	2.51	142	81550	53.627	ug/l	100
11) Tert butyl alcohol	3.06	59	141082	275.649	ug/l	100
12) 1,1-Dichloroethene	2.37	96	84913	49.002	ug/l	100
13) Acrolein	2.29	56	73264	288.684	ug/l	99
14) Allyl chloride	2.72	41	199445	50.277	ug/l	98
15) Acrylonitrile	3.15	53	352254	259.795	ug/l	100
16) Acetone	2.45	43	305580	242.680	ug/l	99
17) Carbon Disulfide	2.56	76	250165	49.993	ug/l	100
18) Methyl Acetate	2.78	43	157570	51.596	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	320456	51.784	ug/l	100
20) Methylene Chloride	2.85	84	101884	48.338	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	90407	48.234	ug/l	94
22) Diisopropyl ether	3.86	45	389923	50.998	ug/l	98
23) Vinyl Acetate	3.82	43	1766126	265.528	ug/l	100
24) 1,1-Dichloroethane	3.70	63	190505	50.324	ug/l	99
25) 2-Butanone	4.68	43	531098	266.859	ug/l	99
26) 2,2-Dichloropropane	4.59	77	117359	44.017	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	104693	48.582	ug/l	98
28) Bromochloromethane	5.01	49	87923	55.963	ug/l	99
29) Tetrahydrofuran	5.13	42	350258	265.160	ug/l	99
30) Chloroform	5.21	83	171268	50.654	ug/l	100
31) Cyclohexane	5.58	56	184956	48.965	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	140035	51.252	ug/l	100
36) 1,1-Dichloropropene	5.80	75	131909	48.264	ug/l	100
37) Ethyl Acetate	4.84	43	198460	54.402	ug/l	99
38) Carbon Tetrachloride	5.79	117	115973	51.269	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	160536	47.549	ug/l	99
40) Benzene	6.14	78	410126	50.371	ug/l	100
41) Methacrylonitrile	5.04	41	110029	52.471	ug/l	99
42) 1,2-Dichloroethane	6.19	62	145807	49.952	ug/l	100
43) Isopropyl Acetate	6.45	43	307109	53.740	ug/l	99
44) Trichloroethene	7.21	130	95453	50.335	ug/l	98
45) 1,2-Dichloropropane	7.51	63	117130	50.401	ug/l	99
46) Dibromomethane	7.66	93	65869	48.870	ug/l	98
47) Bromodichloromethane	7.90	83	130801	51.469	ug/l	99
48) Methyl methacrylate	7.77	41	154918	53.590	ug/l	99
49) 1,4-Dioxane	7.74	88	57056	1053.618	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1014107	275.666	ug/l	100
52) Toluene	8.79	92	244755	50.989	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	149388	52.476	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	165068	50.746	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	98801	51.276	ug/l	99
56) Ethyl methacrylate	9.18	69	187545	53.795	ug/l	99
57) 1,3-Dichloropropane	9.37	76	177354	51.259	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	447151	251.187	ug/l	99
59) 2-Hexanone	9.49	43	768013	268.636	ug/l	99
60) Dibromochloromethane	9.59	129	98462	54.228	ug/l	100
61) 1,2-Dibromoethane	9.67	107	101698	50.699	ug/l	98
64) Tetrachloroethene	9.34	164	86618	52.143	ug/l	98
65) Chlorobenzene	10.14	112	250369	50.375	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	90329	51.806	ug/l	100
67) Ethyl Benzene	10.25	91	465450	50.223	ug/l	99
68) m/p-Xylenes	10.36	106	337240	101.207	ug/l	99
69) o-Xylene	10.70	106	165037	51.107	ug/l	98
70) Styrene	10.71	104	289051	51.927	ug/l	99
71) Bromoform	10.85	173	71267	53.517	ug/l #	99
73) Isopropylbenzene	11.02	105	436271	50.779	ug/l	100
74) N-amyl acetate	10.90	43	262972	52.025	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	158149	48.401	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	189506	66.541	ug/l	81
77) Bromobenzene	11.26	156	106031	51.337	ug/l	97
78) n-propylbenzene	11.36	91	502082	50.190	ug/l	100
79) 2-Chlorotoluene	11.42	91	299886	49.537	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	363720	50.434	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	53361	51.649	ug/l	99
82) 4-Chlorotoluene	11.51	91	341383	48.717	ug/l	98
83) tert-Butylbenzene	11.77	119	344569	49.662	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	366685	50.214	ug/l	99
85) sec-Butylbenzene	11.94	105	415796	50.451	ug/l	99
86) p-Isopropyltoluene	12.06	119	373237	50.457	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	183254	49.561	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	181950	48.595	ug/l	99
89) n-Butylbenzene	12.38	91	343448	49.509	ug/l	99
90) Hexachloroethane	12.60	117	62792	51.180	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	182818	49.798	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35937	49.997	ug/l	98

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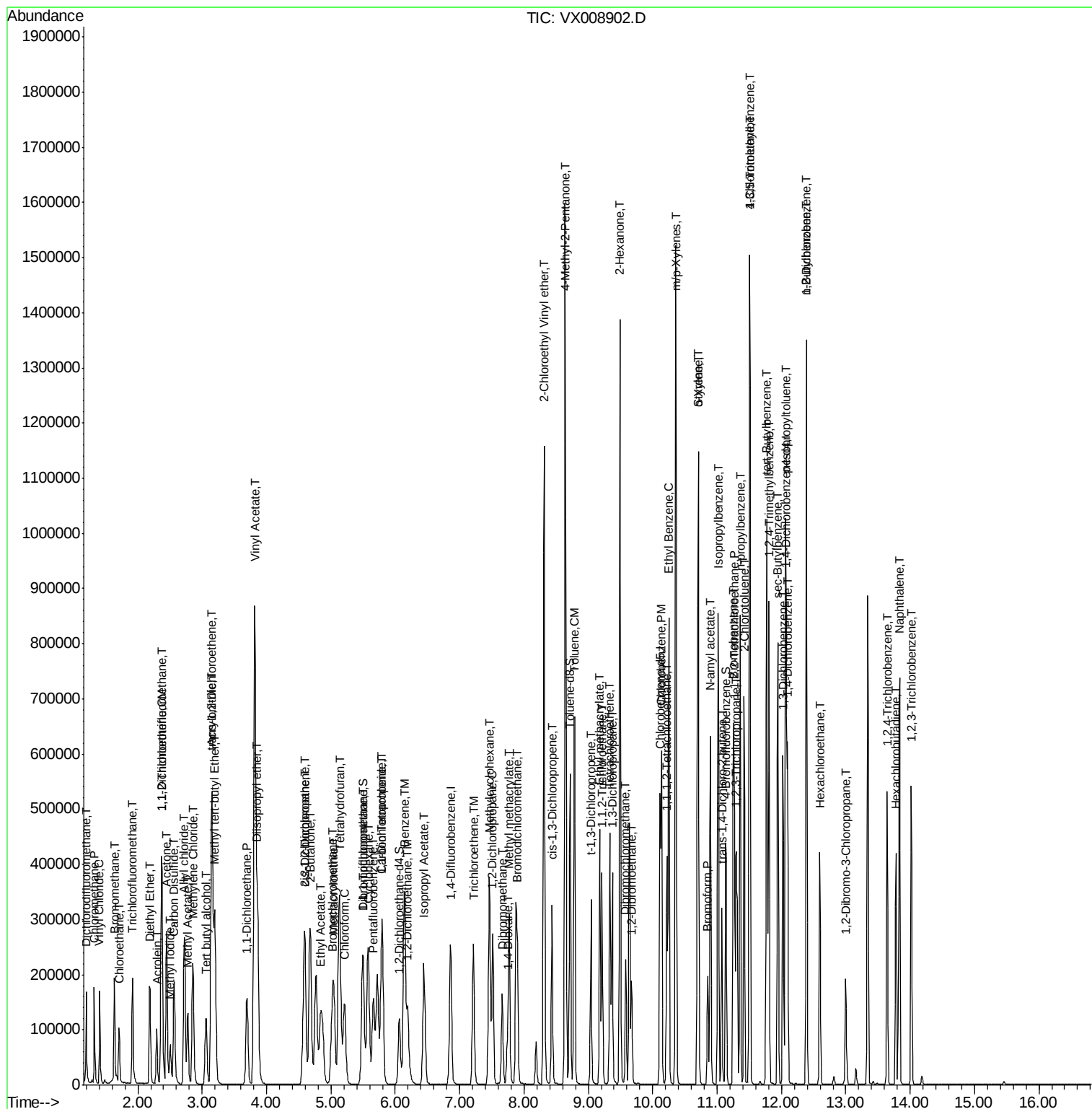
Quant Time: Apr 13 05:02:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
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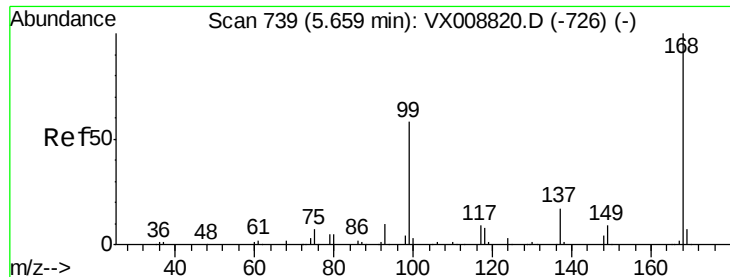
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	127365	49.897	ug/l	99
94) Hexachlorobutadiene	13.78	225	63402	51.792	ug/l	100
95) Naphthalene	13.83	128	432478	50.694	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	129821	50.903	ug/l	98

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

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Apr 13 05:02:57 2019
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008902.D

Acq: 12 Apr 2019 21:44

Instrument :

MSVOA_X

ClientSampleId :

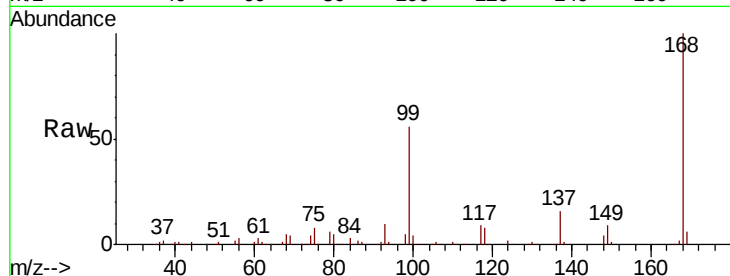
VSTDCCC050

Tot Ion:168 Resp: 149888

Ion Ratio Lower Upper

168 100

99 55.8 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

50000

40000

30000

20000

10000

0

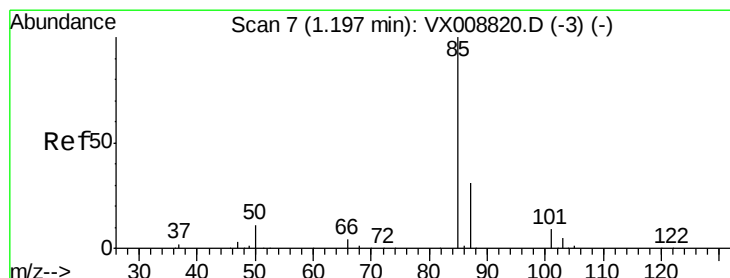
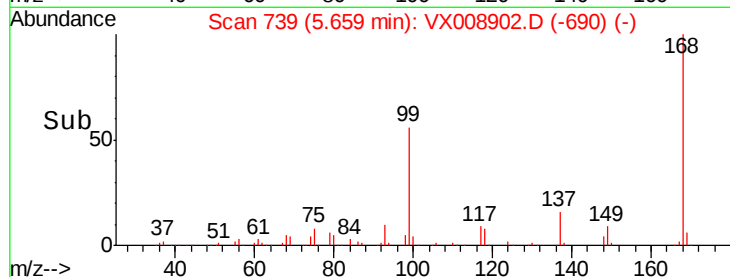
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 59.550 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008902.D

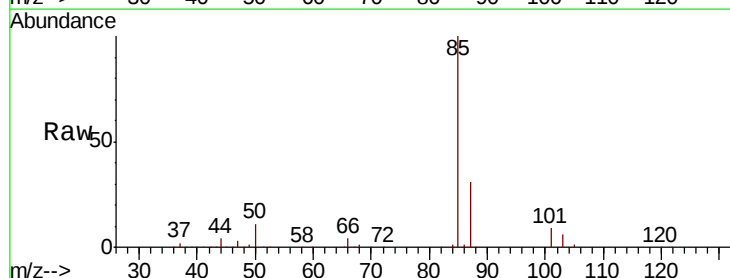
Acq: 12 Apr 2019 21:44

Tgt Ion: 85 Resp: 102744

Ion Ratio Lower Upper

85 100

87 30.6 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

40000

20000

0

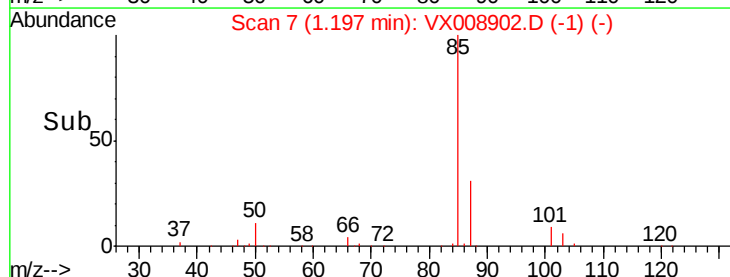
Time-->

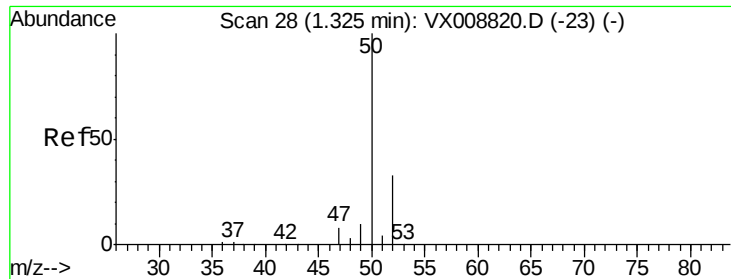
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 57.299 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008902.D

Acq: 12 Apr 2019 21:44

Instrument :

MSVOA_X

ClientSampleId :

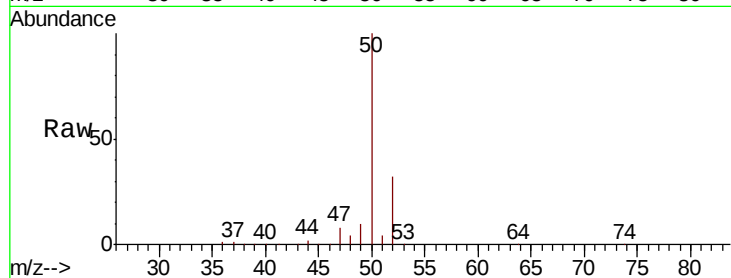
VSTDCCC050

Tot Ion: 50 Resp: 120636

Ion Ratio Lower Upper

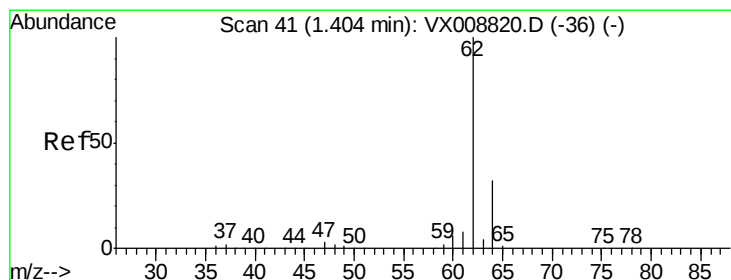
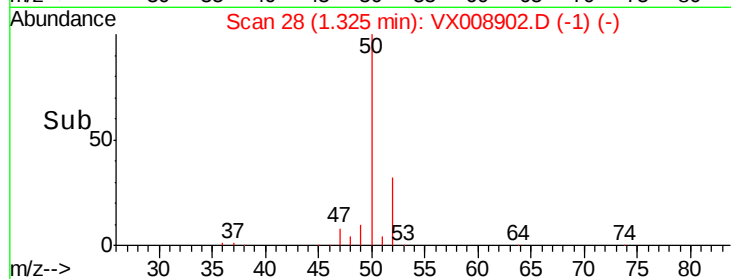
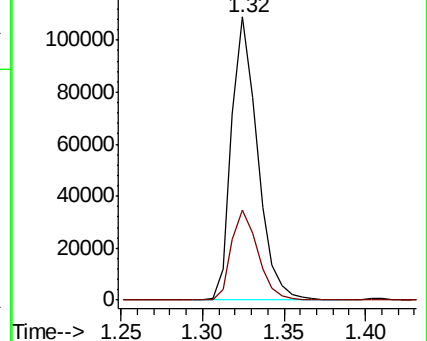
50 100

52 31.9 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.484 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008902.D

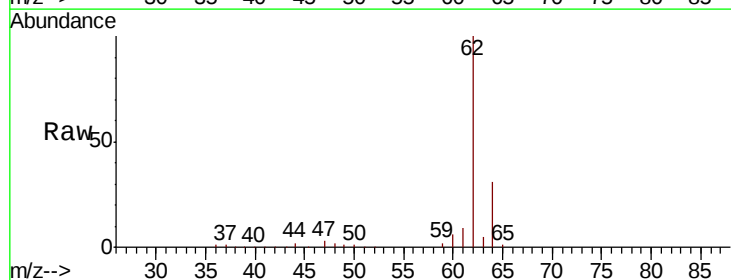
Acq: 12 Apr 2019 21:44

Tgt Ion: 62 Resp: 115414

Ion Ratio Lower Upper

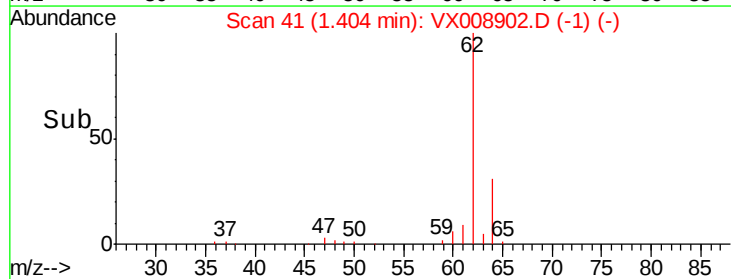
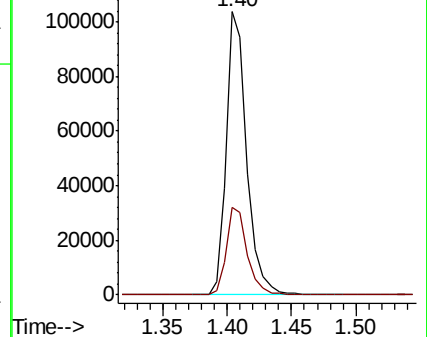
62 100

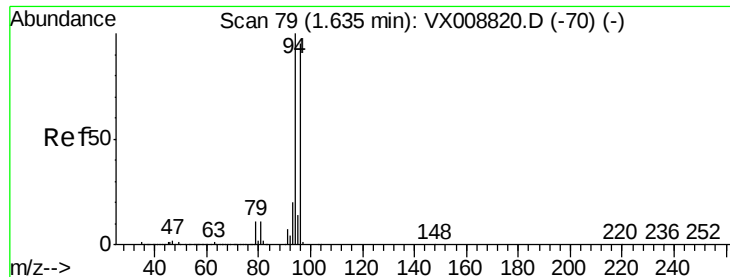
64 30.9 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 57.167 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008902.D

Acq: 12 Apr 2019 21:44

Instrument :

MSVOA_X

ClientSampleId :

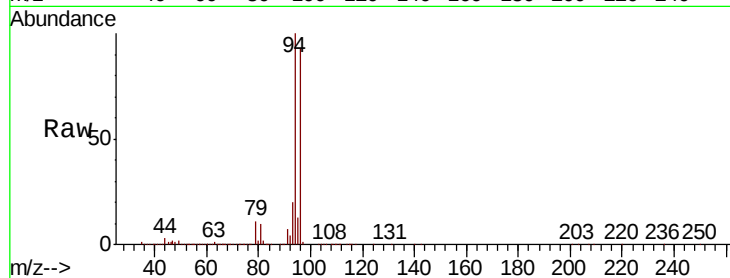
VSTDCCC050

Tot Ion: 94 Resp: 66004

Ion Ratio Lower Upper

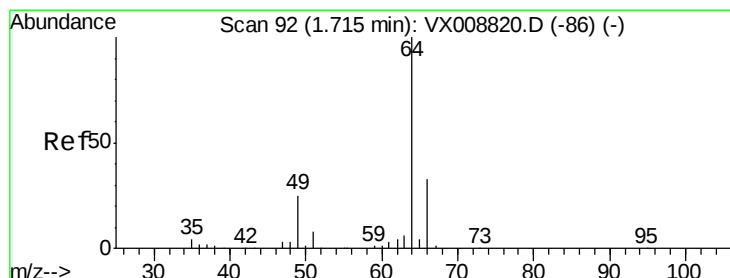
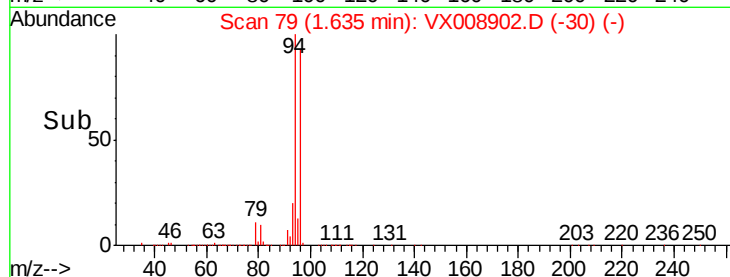
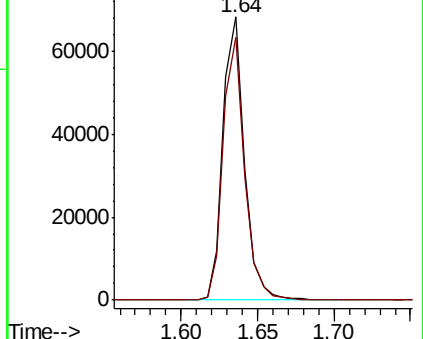
94 100

96 93.1 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 54.212 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008902.D

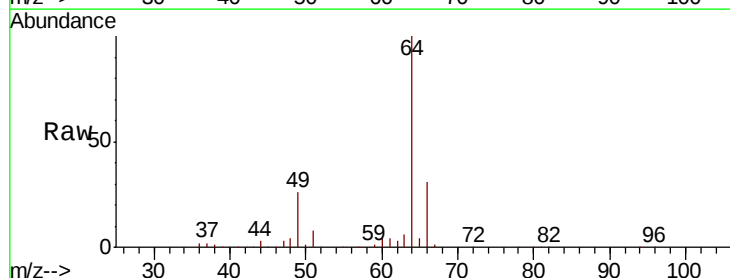
Acq: 12 Apr 2019 21:44

Tgt Ion: 64 Resp: 68728

Ion Ratio Lower Upper

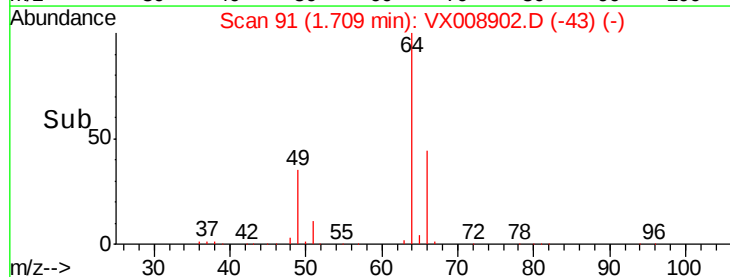
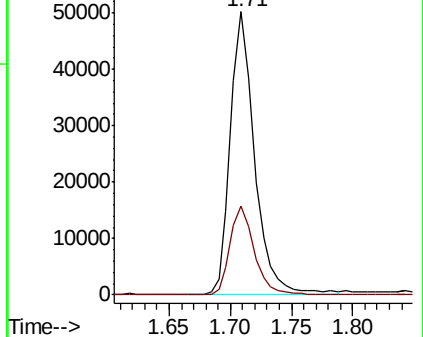
64 100

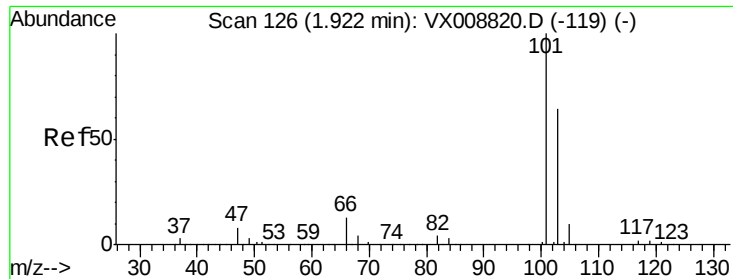
66 31.1 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



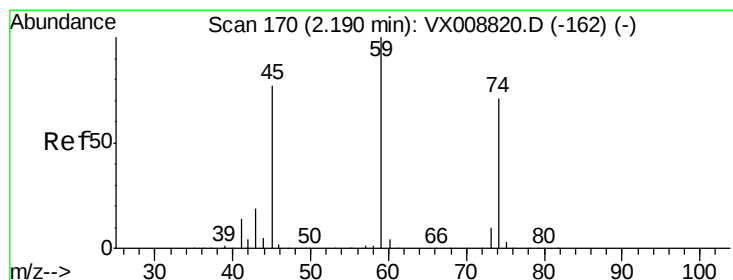
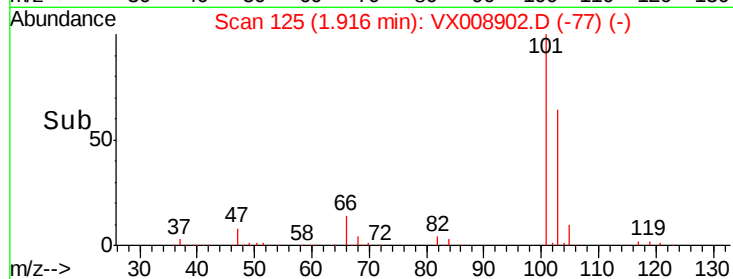
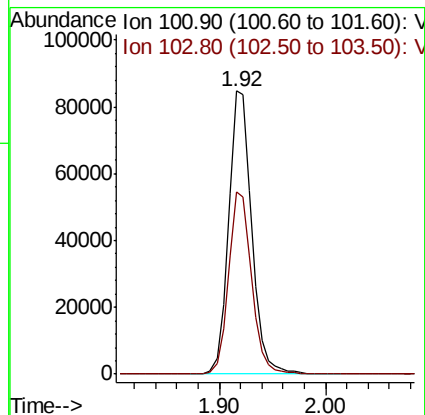
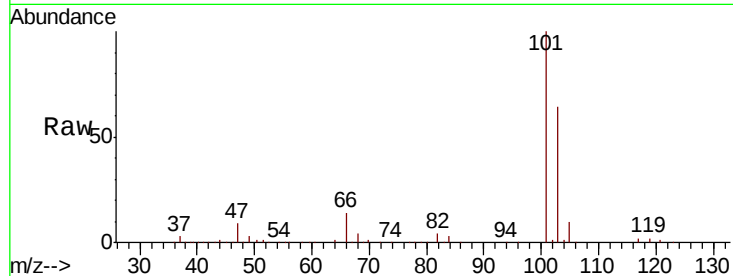


#7

Trichlorofluoromethane
 Concen: 49.828 ug/l
 RT: 1.92 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: VX008902.D
 Acq: 12 Apr 2019 21:44

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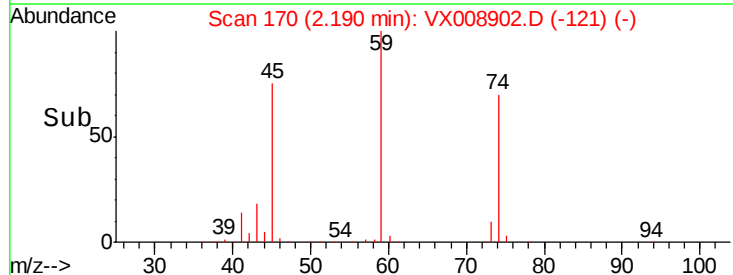
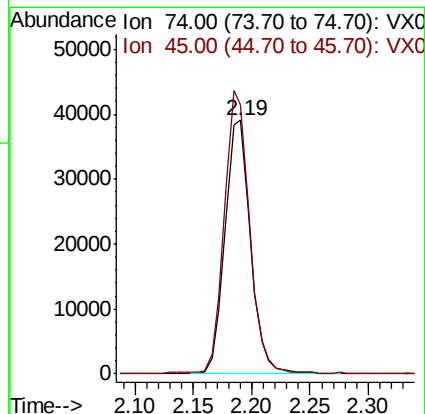
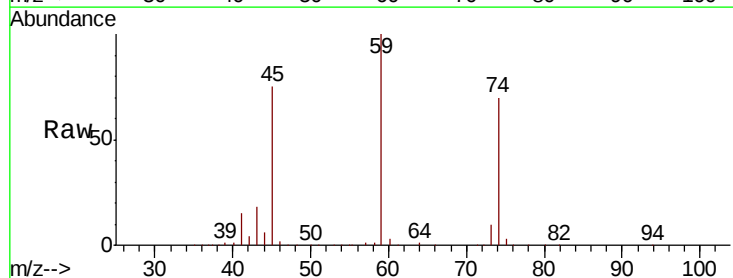
Tot Ion:101 Resp: 128468
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.3 78.5

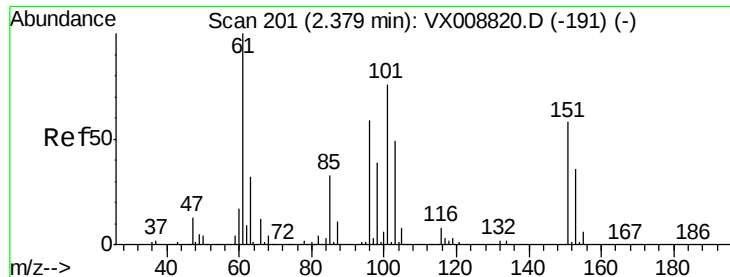


#8

Diethyl Ether
 Concen: 48.537 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008902.D
 Acq: 12 Apr 2019 21:44

Tgt Ion: 74 Resp: 59344
 Ion Ratio Lower Upper
 74 100
 45 108.9 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.642 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX008902.D

Acq: 12 Apr 2019 21:44

Instrument :

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ClientSampleId :

VSTDCCC050

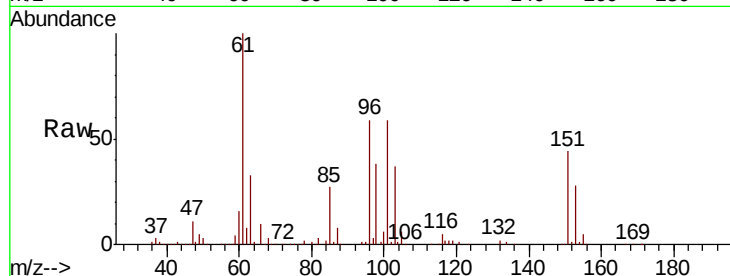
Tot Ion:101 Resp: 80743

Ion Ratio Lower Upper

101 100

85 44.6 36.0 54.0

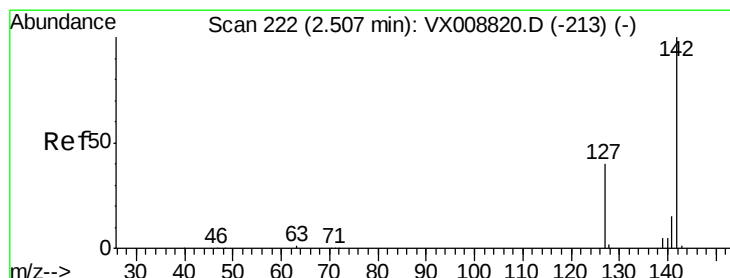
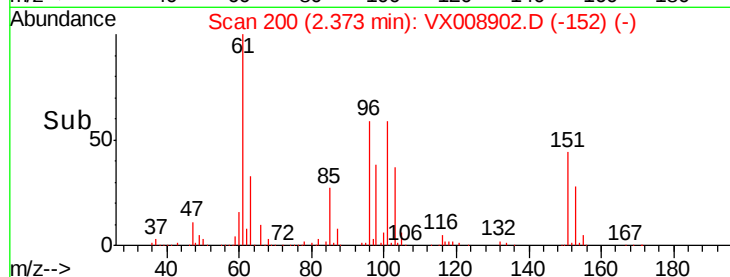
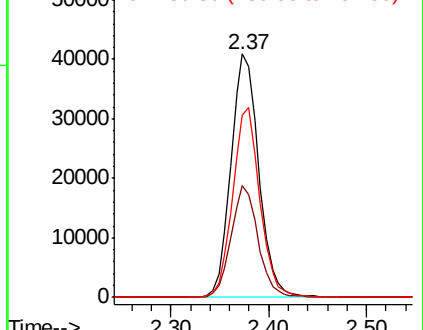
151 76.3 59.9 89.9



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: 53.627 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008902.D

Acq: 12 Apr 2019 21:44

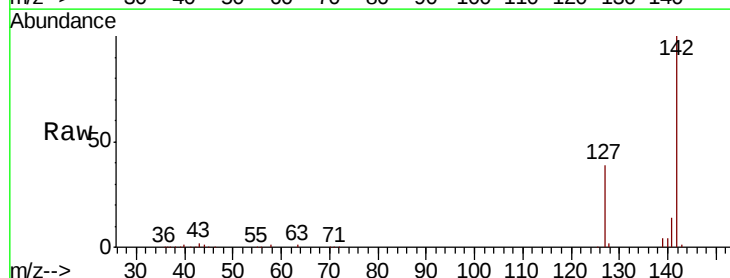
Tgt Ion:142 Resp: 81550

Ion Ratio Lower Upper

142 100

127 41.0 33.0 49.6

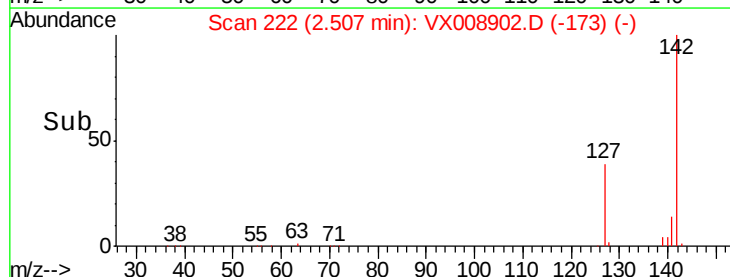
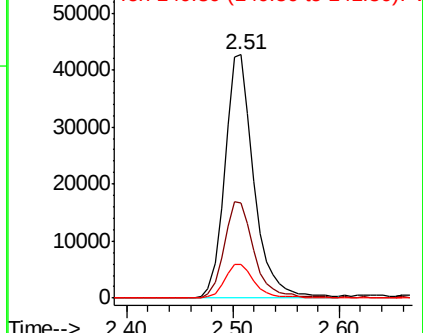
141 14.4 11.4 17.2

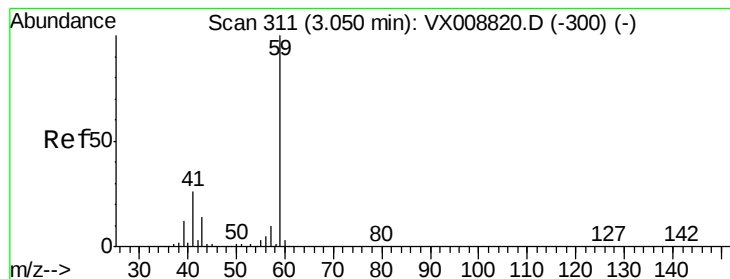


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



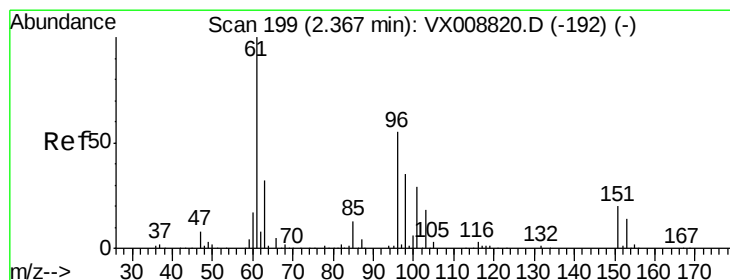
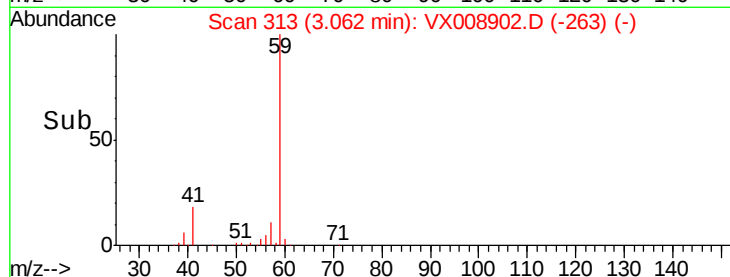
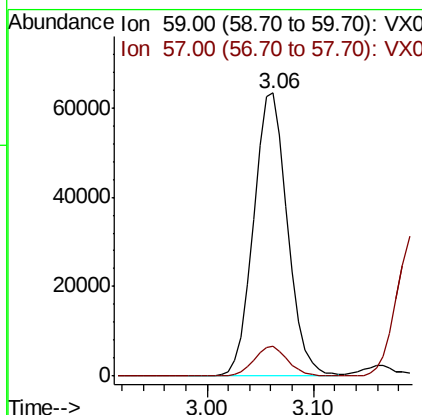
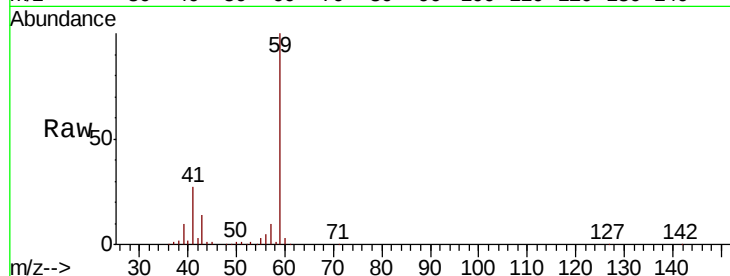


#11

Tert butyl alcohol
Concen: 275.649 ug/l
RT: 3.06 min Scan# 313
Delta R.T. 0.01 min
Lab File: VX008902.D
Acq: 12 Apr 2019 21:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

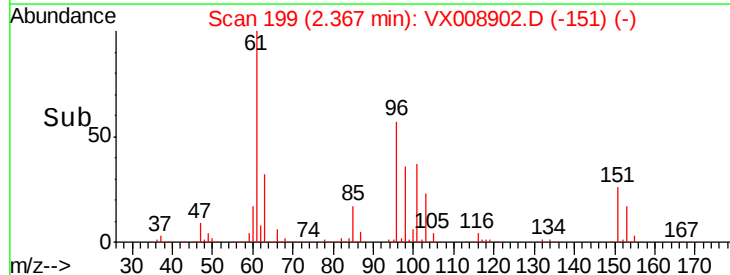
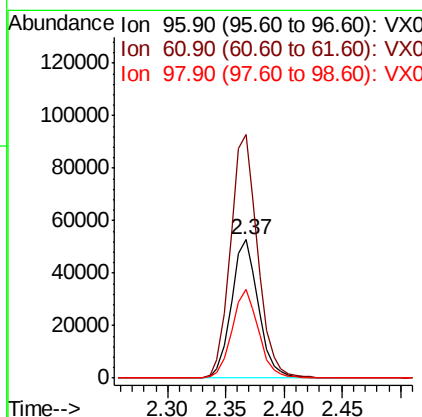
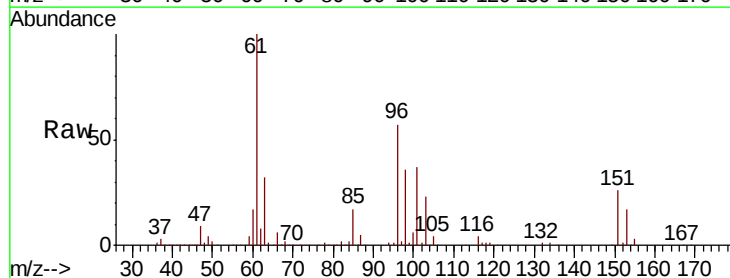
Tot Ion: 59 Resp: 141082
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

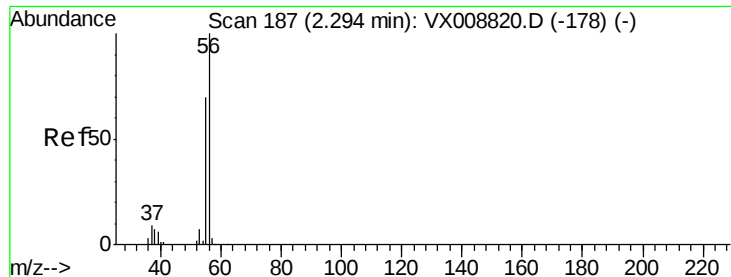


#12

1,1-Dichloroethene
Concen: 49.002 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX008902.D
Acq: 12 Apr 2019 21:44

Tgt Ion: 96 Resp: 84913
Ion Ratio Lower Upper
96 100
61 176.4 140.9 211.3
98 64.2 52.1 78.1





#13

Acrolein

Concen: 288.684 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008902.D

Acq: 12 Apr 2019 21:44

Instrument :

MSVOA_X

ClientSampleId :

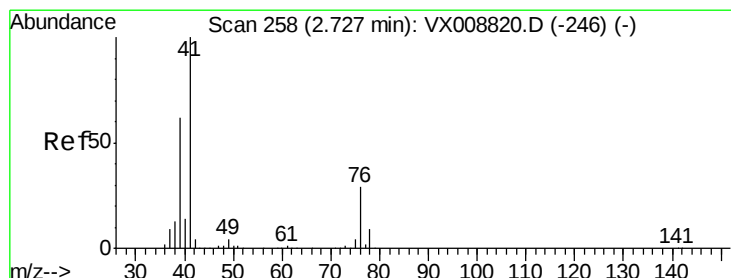
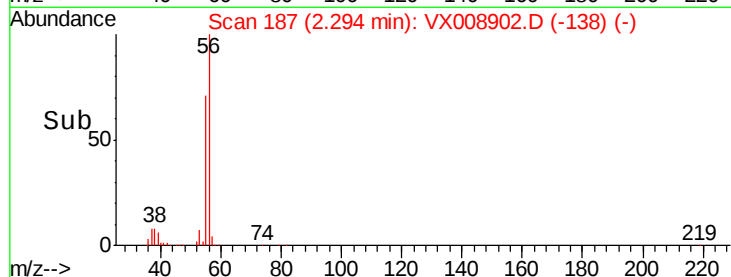
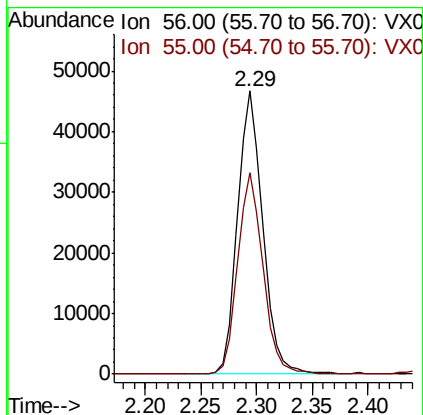
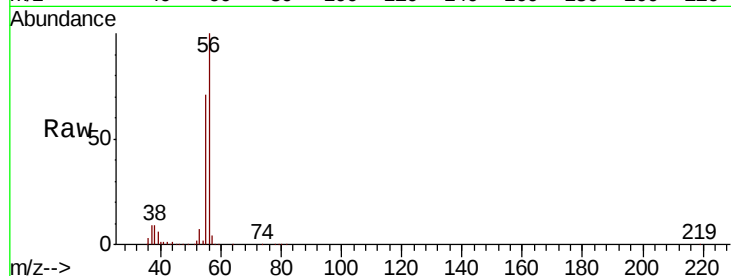
VSTDCCC050

Tot Ion: 56 Resp: 73264

Ion Ratio Lower Upper

56 100

55 71.5 58.0 87.0



#14

Allyl chloride

Concen: 50.277 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX008902.D

Acq: 12 Apr 2019 21:44

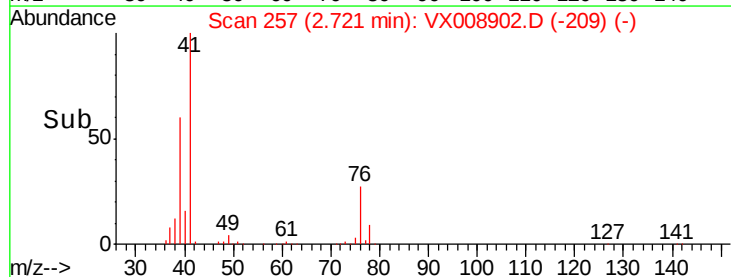
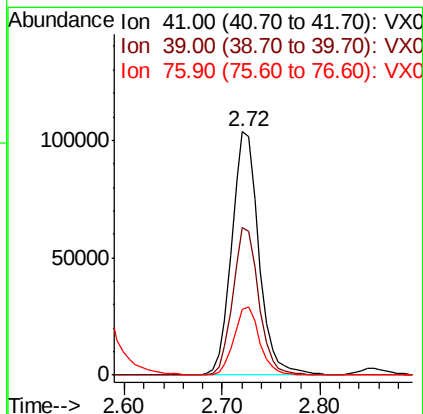
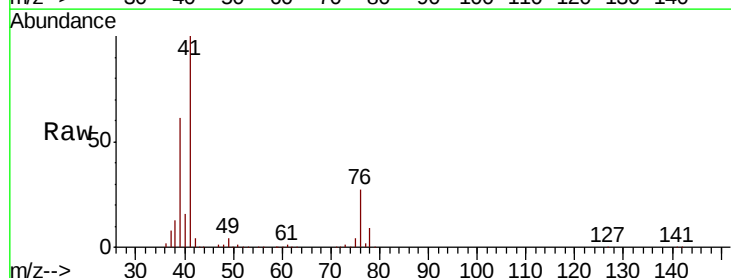
Tgt Ion: 41 Resp: 199445

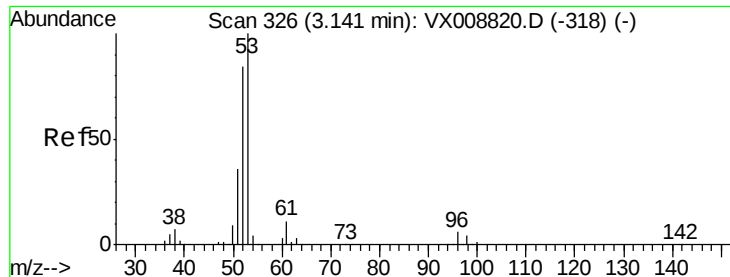
Ion Ratio Lower Upper

41 100

39 58.2 48.0 72.0

76 26.6 22.0 33.0





#15

Acrylonitrile

Concen: 259.795 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX008902.D

Acq: 12 Apr 2019 21:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

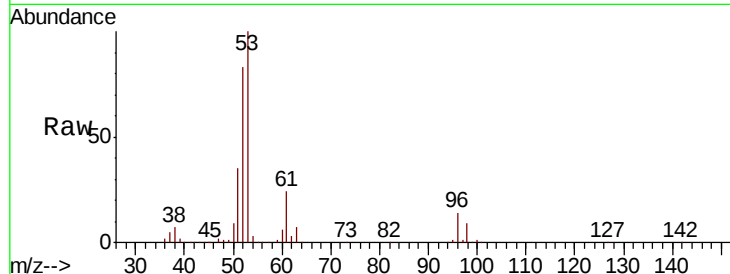
Tot Ion: 53 Resp: 352254

Ion Ratio Lower Upper

53 100

52 83.4 66.5 99.7

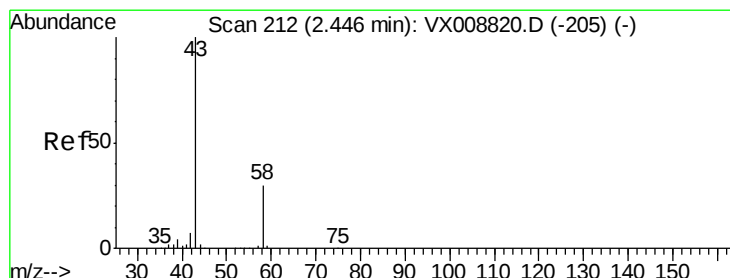
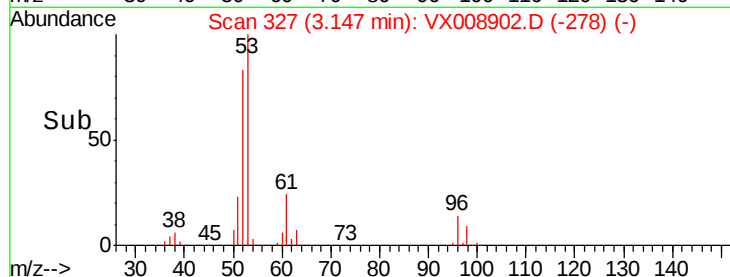
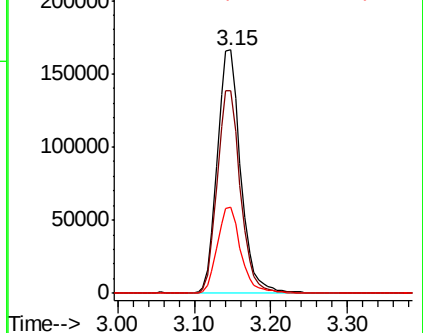
51 35.6 28.6 42.8



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: 242.680 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008902.D

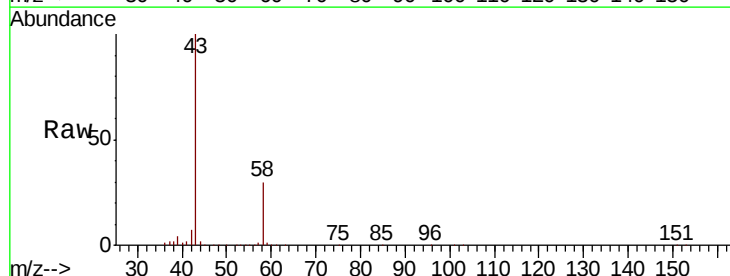
Acq: 12 Apr 2019 21:44

Tgt Ion: 43 Resp: 305580

Ion Ratio Lower Upper

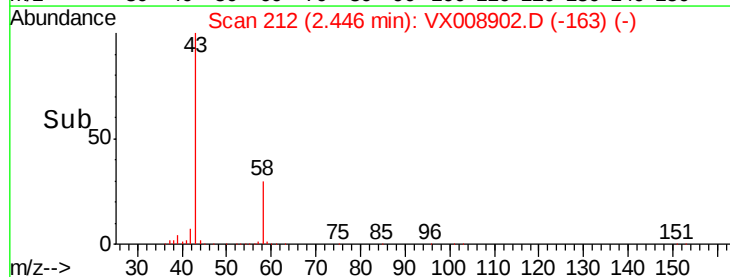
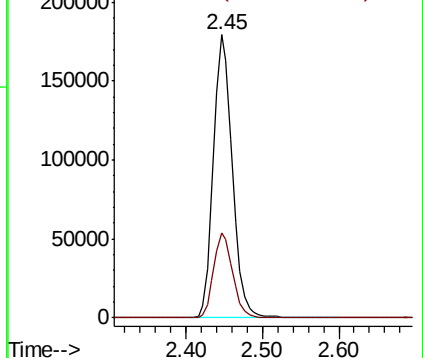
43 100

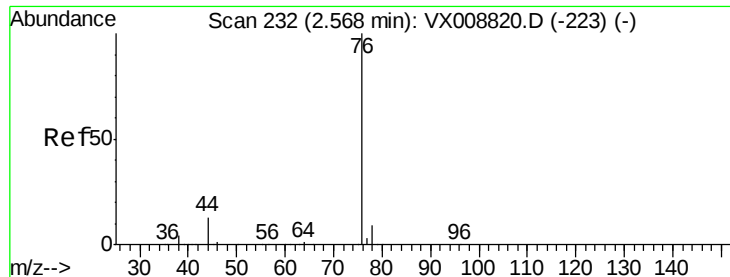
58 30.2 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

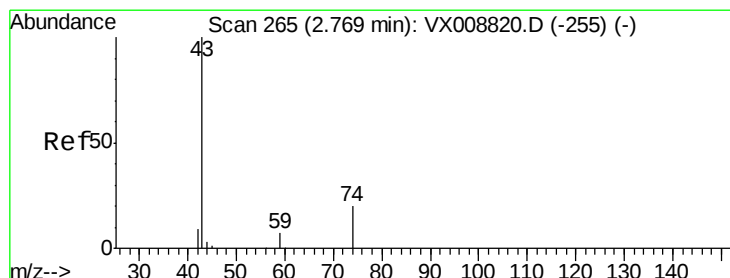
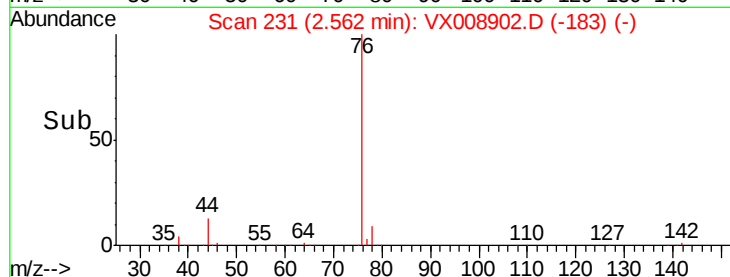
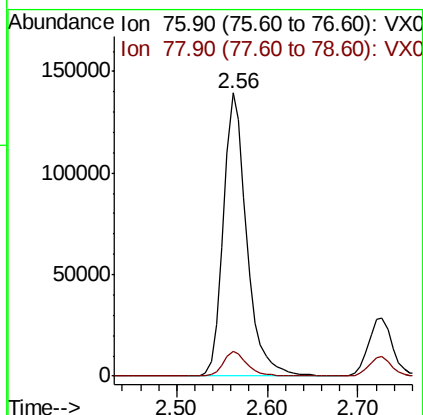
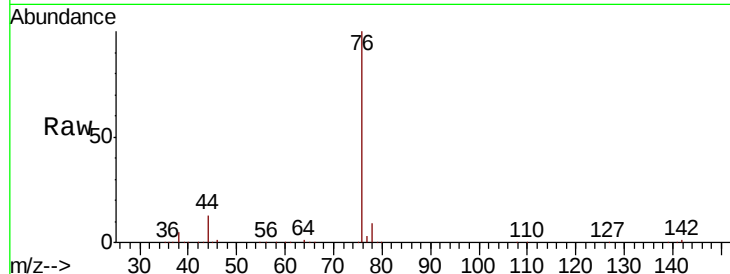




#17
Carbon Disulfide
Concen: 49.993 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX008902.D
Acq: 12 Apr 2019 21:44

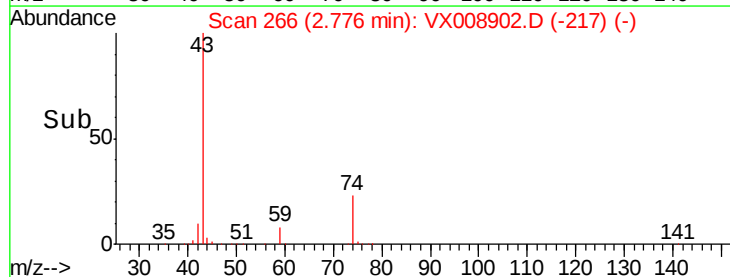
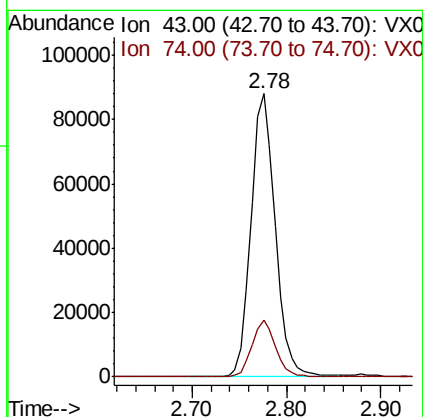
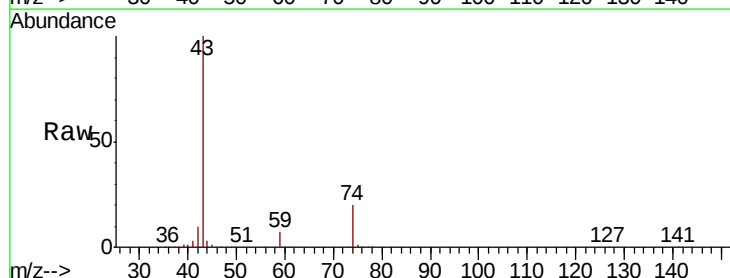
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

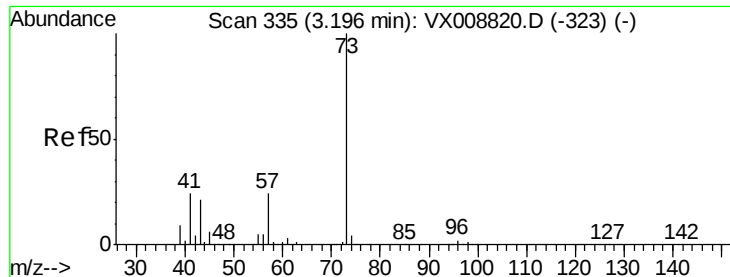
Tot Ion: 76 Resp: 250165
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 51.596 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008902.D
Acq: 12 Apr 2019 21:44

Tgt Ion: 43 Resp: 157570
Ion Ratio Lower Upper
43 100
74 19.9 16.5 24.7



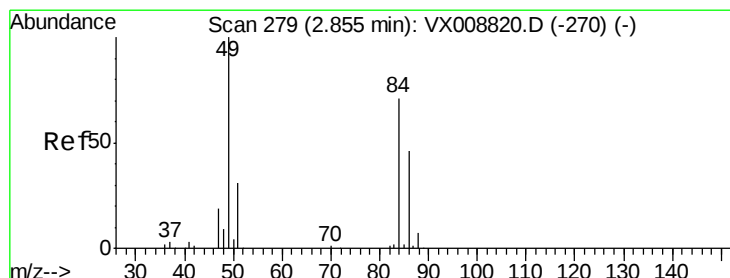
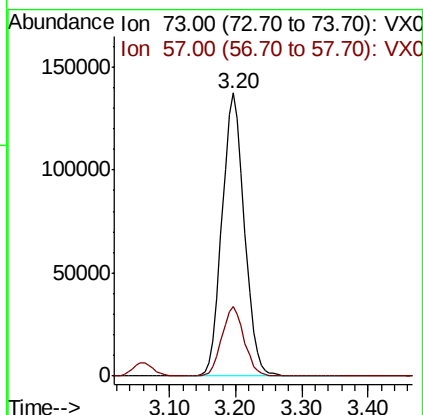
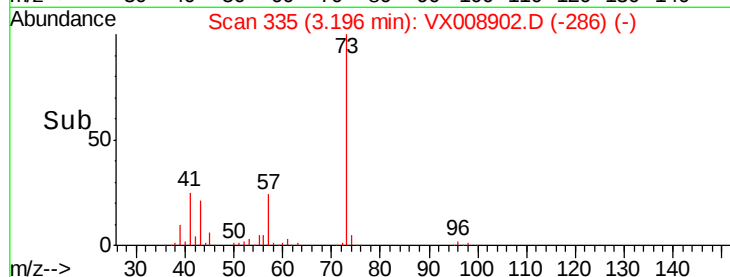
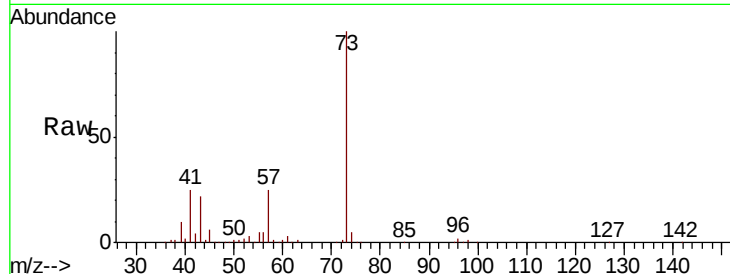


#19

Methyl tert-butyl Ether
 Concen: 51.784 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX008902.D
 Acq: 12 Apr 2019 21:44

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

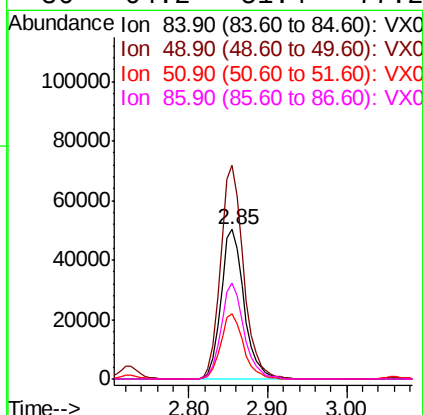
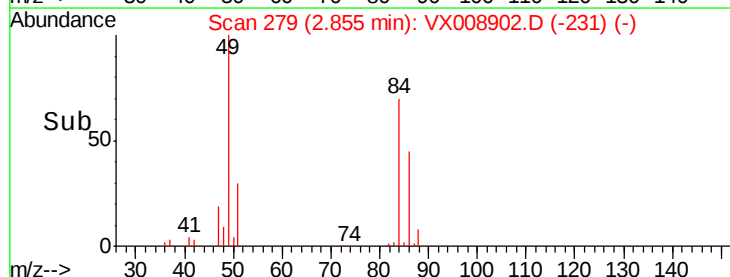
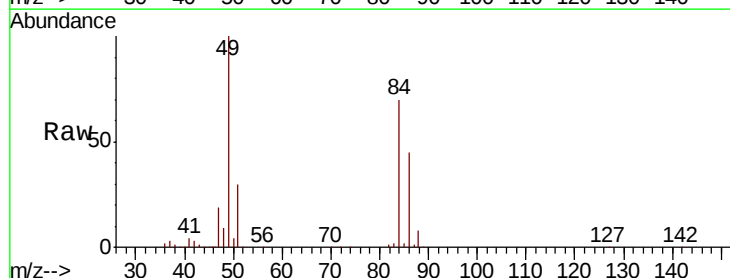
Tot Ion: 73 Resp: 320456
 Ion Ratio Lower Upper
 73 100
 57 24.5 19.5 29.3

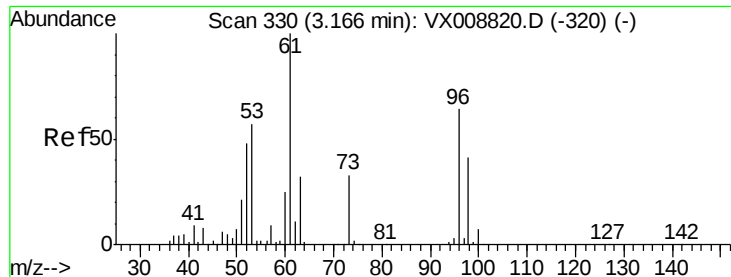


#20

Methylene Chloride
 Concen: 48.338 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX008902.D
 Acq: 12 Apr 2019 21:44

Tgt Ion: 84 Resp: 101884
 Ion Ratio Lower Upper
 84 100
 49 142.7 109.7 164.5
 51 43.3 33.6 50.4
 86 64.2 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 48.234 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008902.D

Acq: 12 Apr 2019 21:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

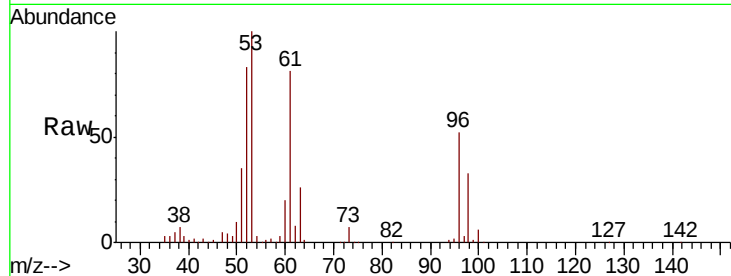
Tot Ion: 96 Resp: 90407

Ion Ratio Lower Upper

96 100

61 155.1 132.1 198.1

98 63.1 52.2 78.2

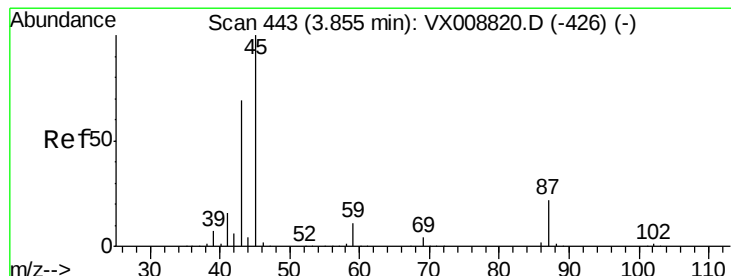
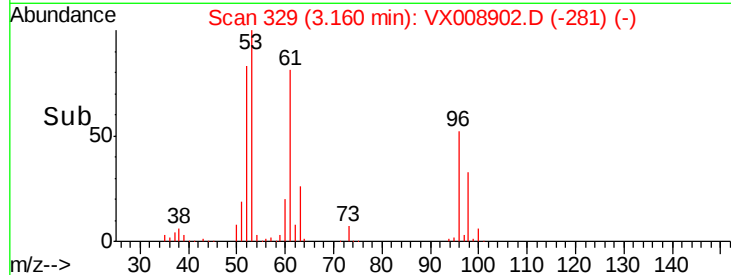
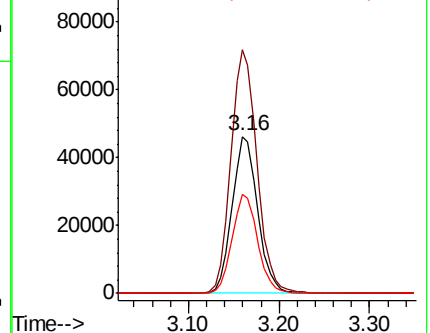


Abundance

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: 50.998 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.00 min

Lab File: VX008902.D

Acq: 12 Apr 2019 21:44

Tgt Ion: 45 Resp: 389923

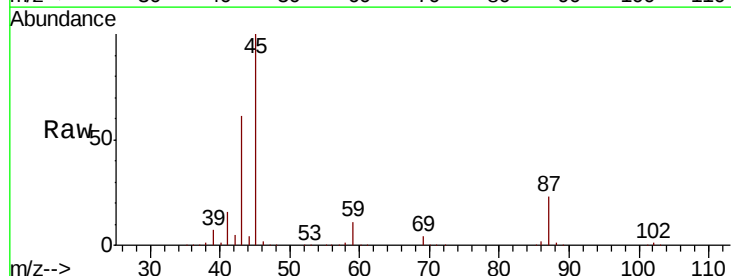
Ion Ratio Lower Upper

45 100

43 61.3 51.3 76.9

87 22.6 18.1 27.1

59 10.6 8.6 13.0



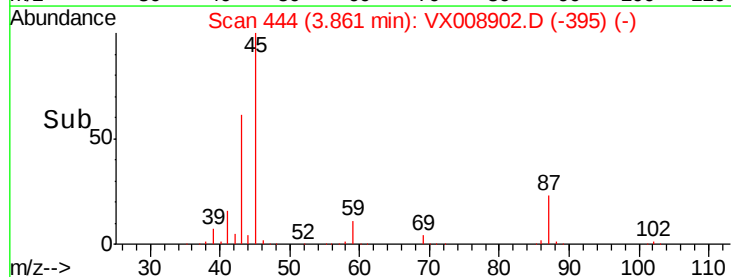
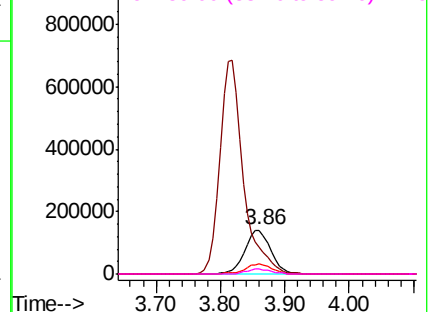
Abundance

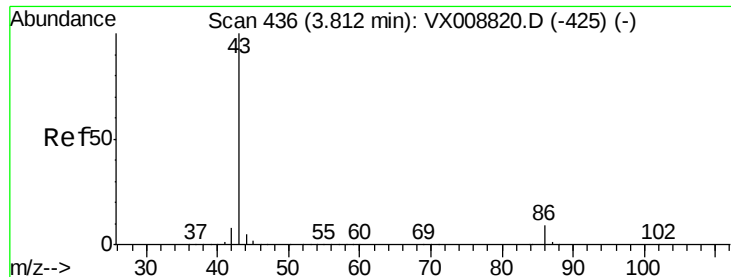
Ion 45.00 (44.70 to 45.70): VX0

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: 265.528 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008902.D

Acq: 12 Apr 2019 21:44

Instrument :

MSVOA_X

ClientSampleId :

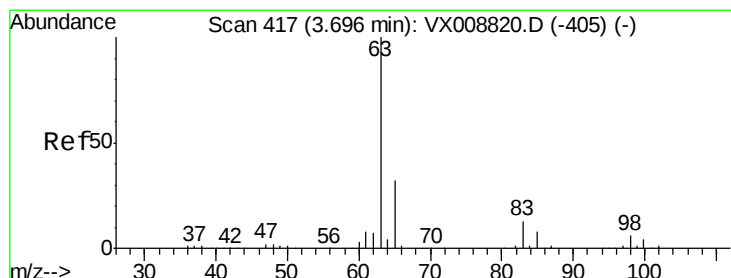
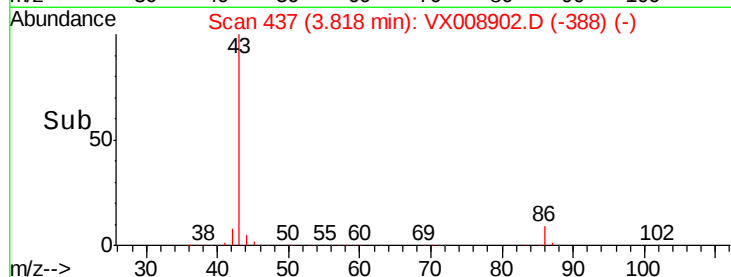
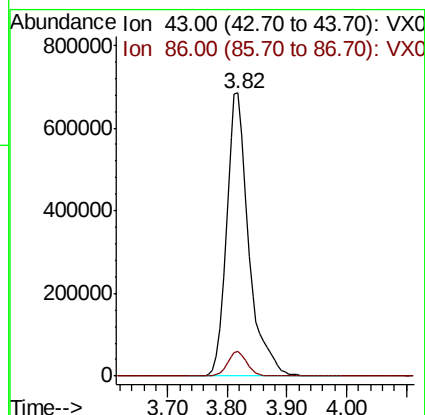
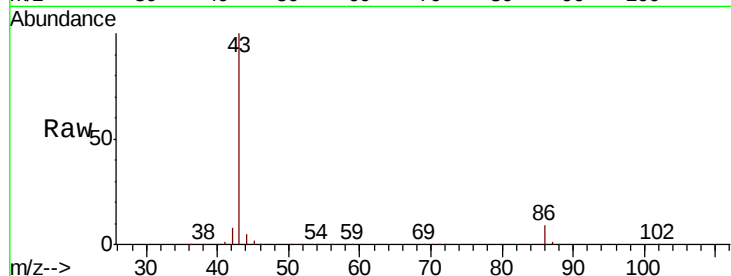
VSTDCCC050

Tot Ion: 43 Resp: 1766126

Ion Ratio Lower Upper

43 100

86 8.7 7.0 10.6



#24

1,1-Dichloroethane

Concen: 50.324 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008902.D

Acq: 12 Apr 2019 21:44

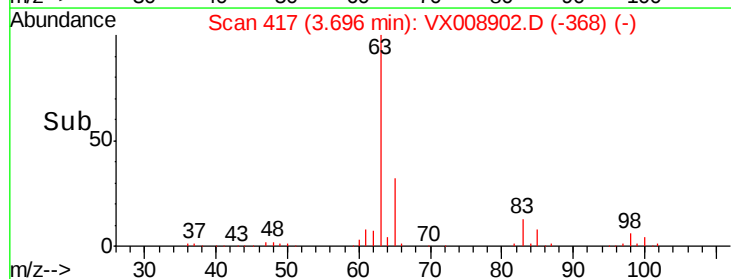
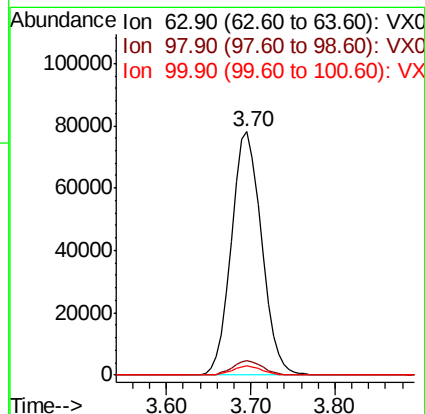
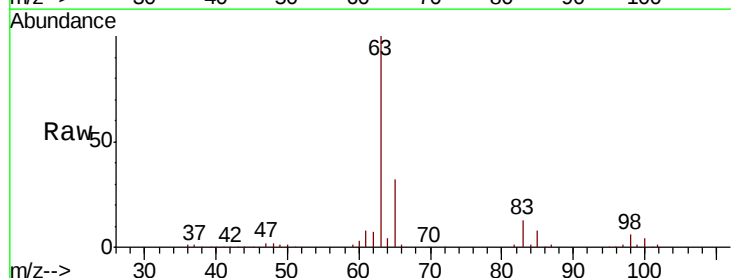
Tgt Ion: 63 Resp: 190505

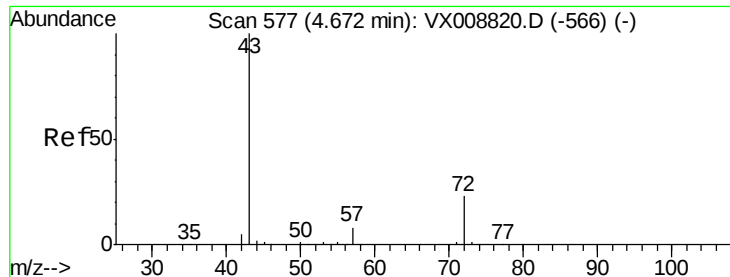
Ion Ratio Lower Upper

63 100

98 6.1 2.8 8.4

100 3.9 1.8 5.5





#25

2-Butanone

Concen: 266.859 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX008902.D

Acq: 12 Apr 2019 21:44

Instrument :

MSVOA_X

ClientSampleId :

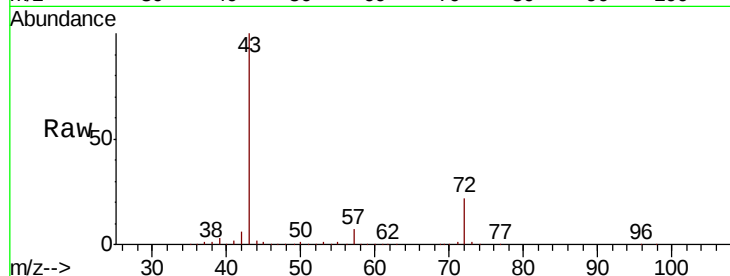
VSTDCCC050

Tot Ion: 43 Resp: 531098

Ion Ratio Lower Upper

43 100

72 22.2 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.68

200000

150000

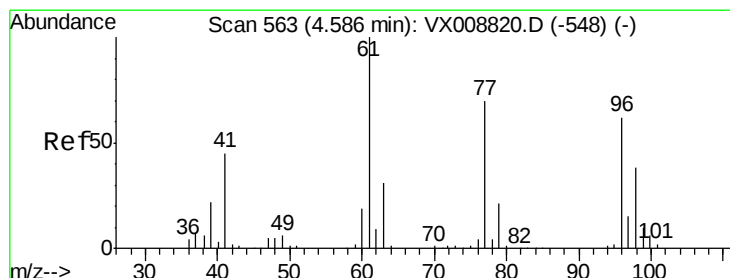
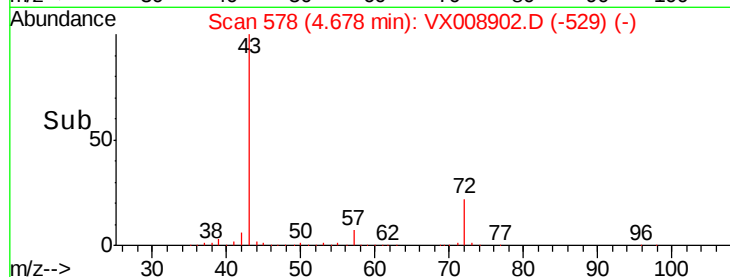
100000

50000

0

Time-->

4.60 4.70 4.80



#26

2,2-Dichloropropane

Concen: 44.017 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008902.D

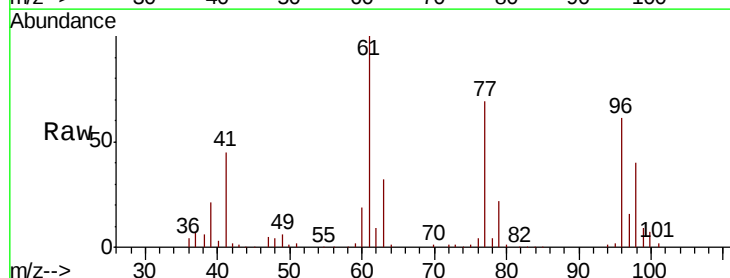
Acq: 12 Apr 2019 21:44

Tgt Ion: 77 Resp: 117359

Ion Ratio Lower Upper

77 100

97 23.7 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

40000

30000

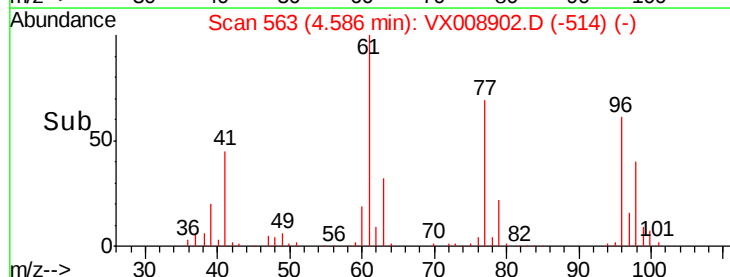
20000

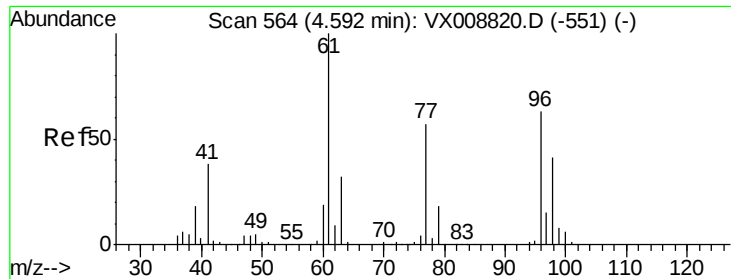
10000

0

Time-->

4.50 4.60 4.70



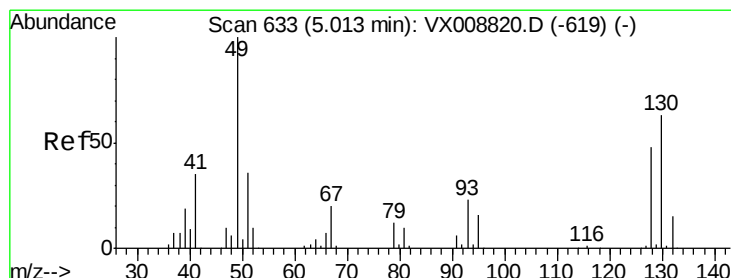
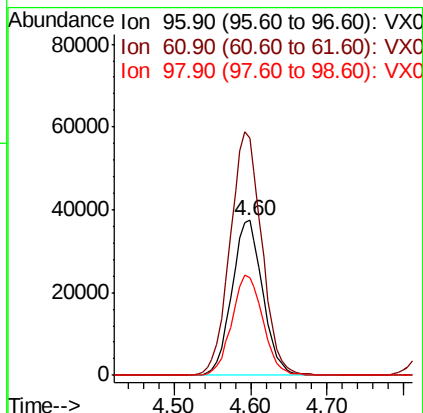
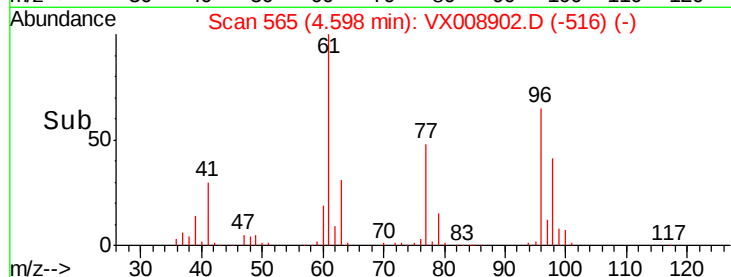
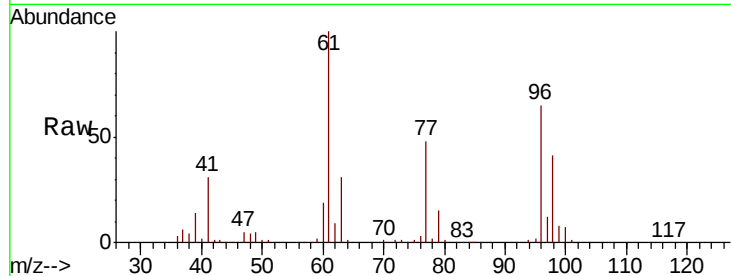


#27

cis-1,2-Dichloroethene
Concen: 48.582 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008902.D
Acq: 12 Apr 2019 21:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

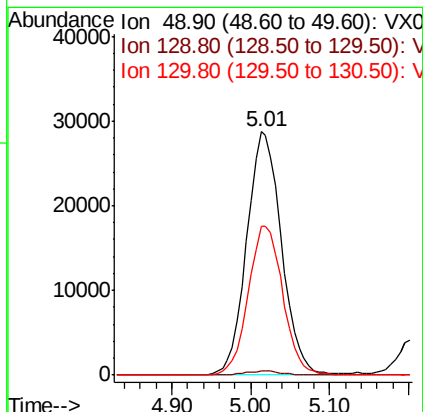
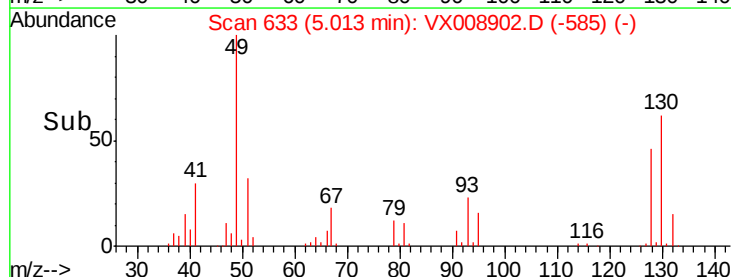
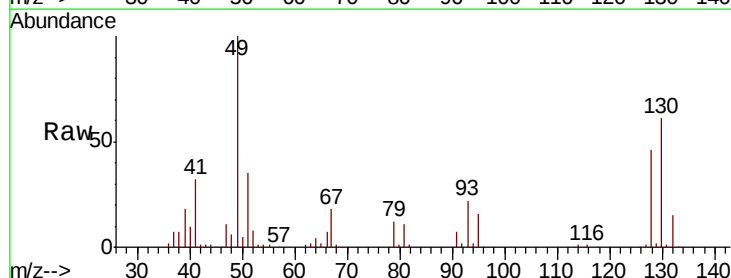
Tot Ion: 96 Resp: 104693
Ion Ratio Lower Upper
96 100
61 161.3 0.0 327.6
98 65.1 0.0 128.6

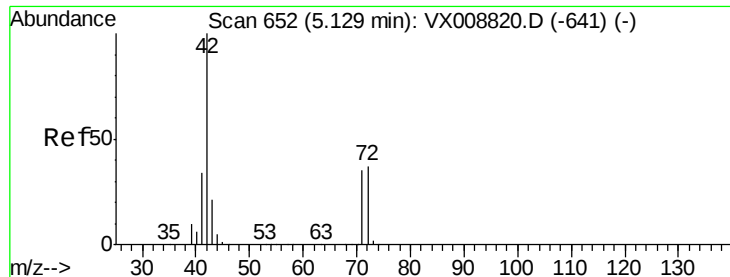


#28

Bromochloromethane
Concen: 55.963 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008902.D
Acq: 12 Apr 2019 21:44

Tgt Ion: 49 Resp: 87923
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.6
130 60.9 49.3 73.9





#29

Tetrahydrofuran

Concen: 265.160 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX008902.D

Acq: 12 Apr 2019 21:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

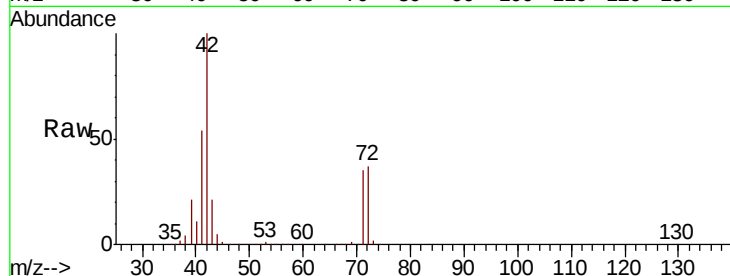
Tot Ion: 42 Resp: 350258

Ion Ratio Lower Upper

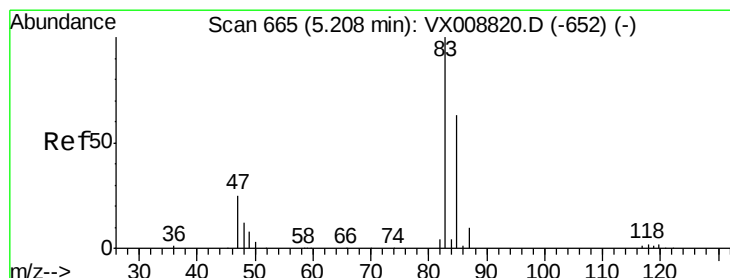
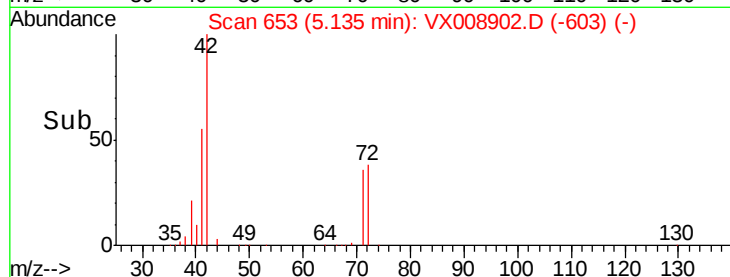
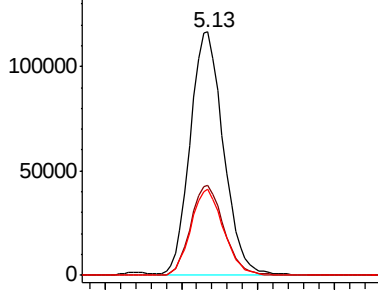
42 100

72 37.4 30.5 45.7

71 35.1 28.6 43.0



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: 50.654 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX008902.D

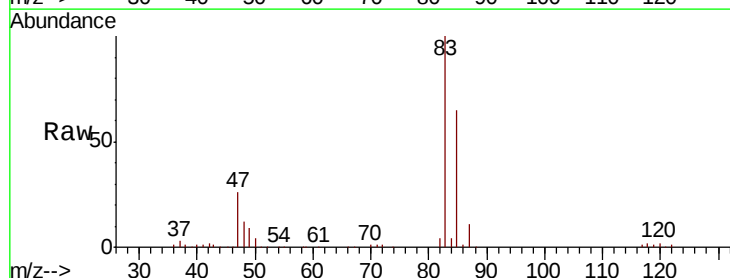
Acq: 12 Apr 2019 21:44

Tgt Ion: 83 Resp: 171268

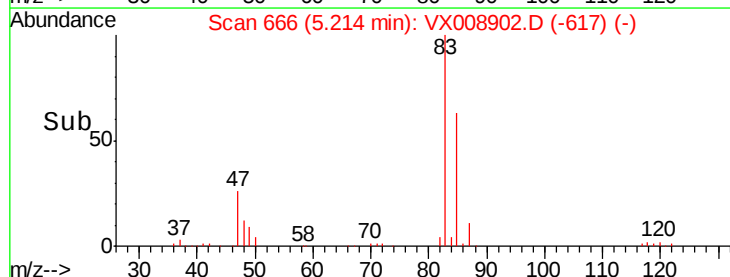
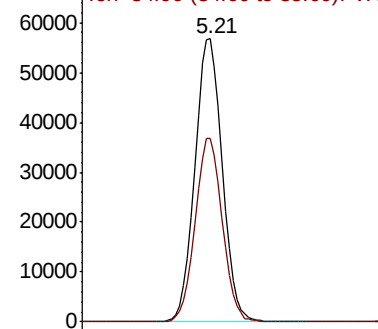
Ion Ratio Lower Upper

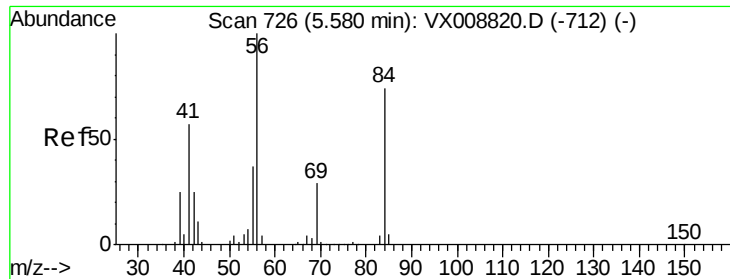
83 100

85 64.9 52.1 78.1



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

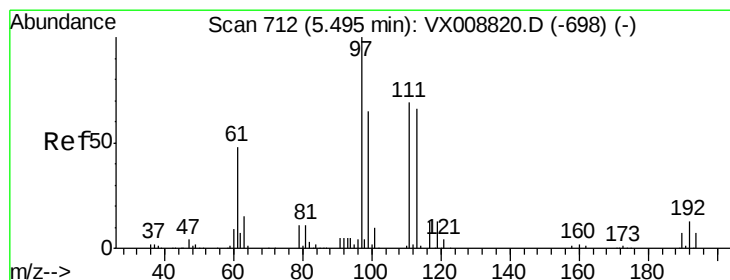
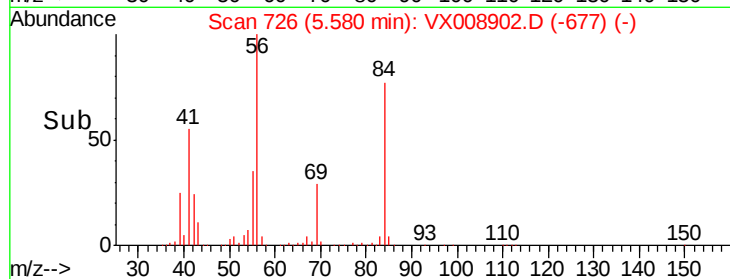
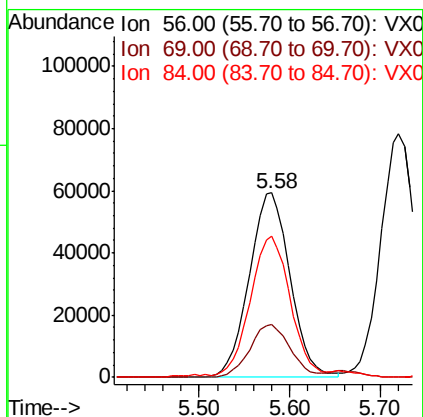
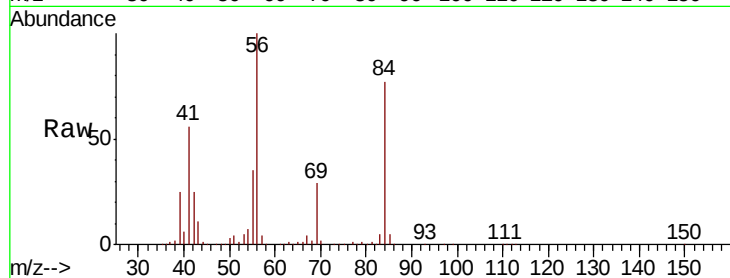




#31
Cyclohexane
Concen: 48.965 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008902.D
Acq: 12 Apr 2019 21:44

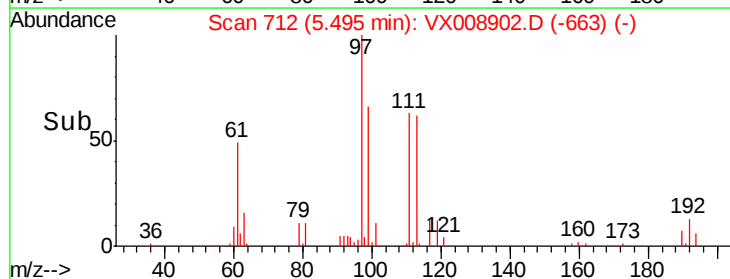
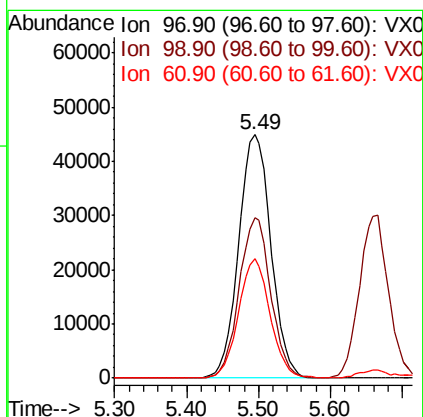
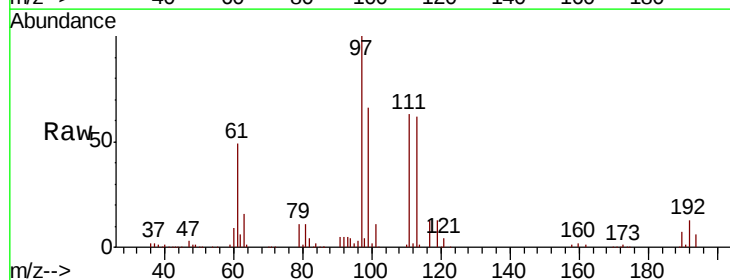
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

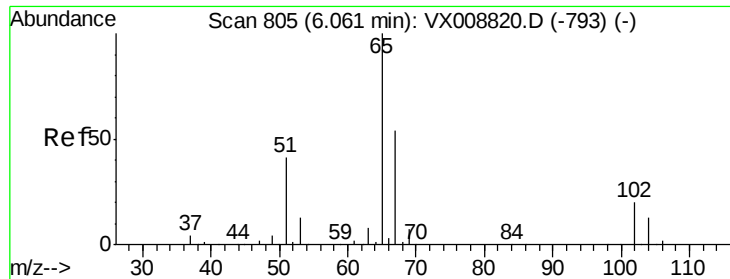
Tot Ion	Ratio	Lower	Upper
56	100		
69	28.8	22.6	33.8
84	75.7	59.3	88.9



#32
1,1,1-Trichloroethane
Concen: 51.252 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX008902.D
Acq: 12 Apr 2019 21:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.3	76.9
61	48.0	38.9	58.3

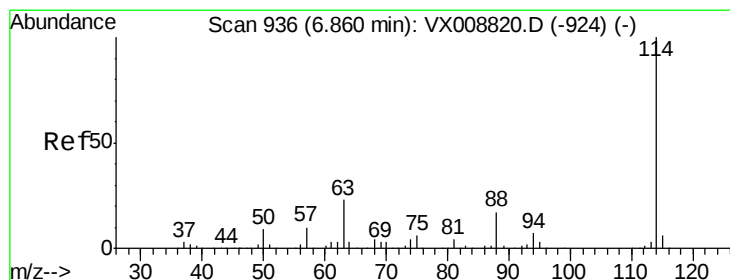
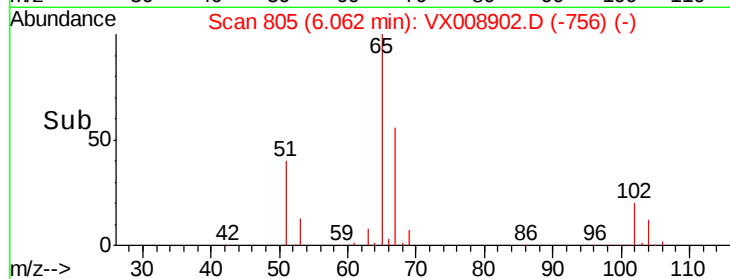
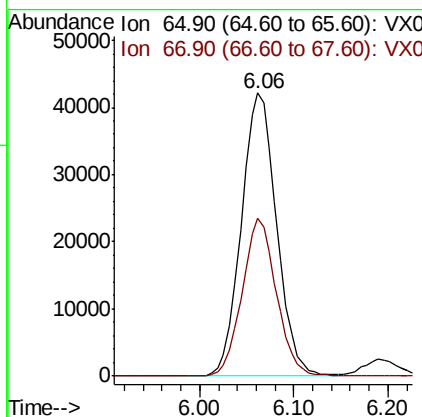
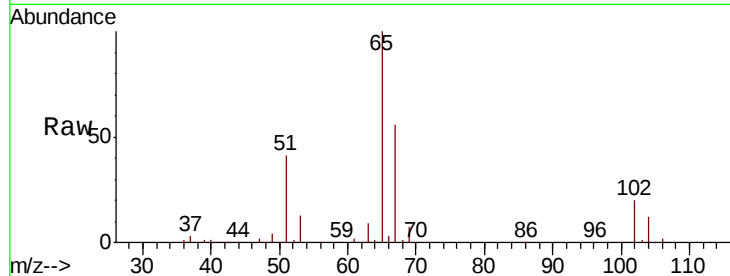




#33
 1,2-Dichloroethane-d4
 Concen: 50.435 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008902.D
 Acq: 12 Apr 2019 21:44

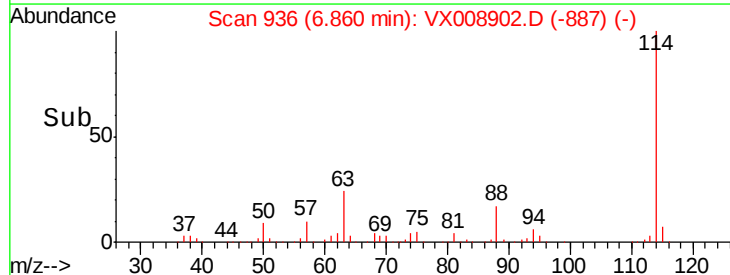
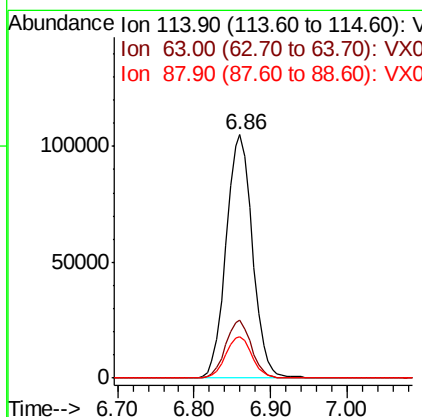
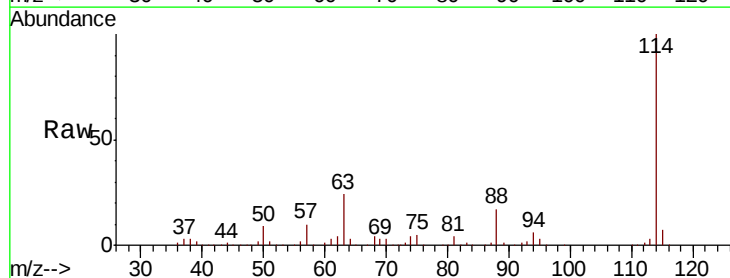
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

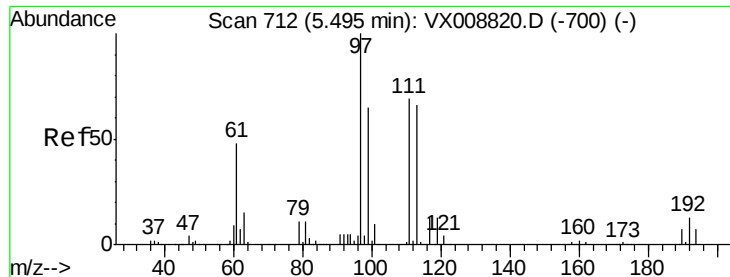
Tot Ion: 65 Resp: 110262
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008902.D
 Acq: 12 Apr 2019 21:44

Tgt Ion: 114 Resp: 250028
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 47.2
 88 17.0 0.0 34.0





#35

Dibromofluoromethane

Concen: 50.280 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008902.D

Acq: 12 Apr 2019 21:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

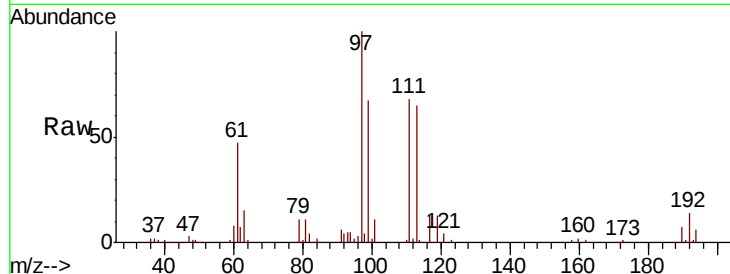
Tot Ion:113 Resp: 80377

Ion Ratio Lower Upper

113 100

111 104.7 83.4 125.2

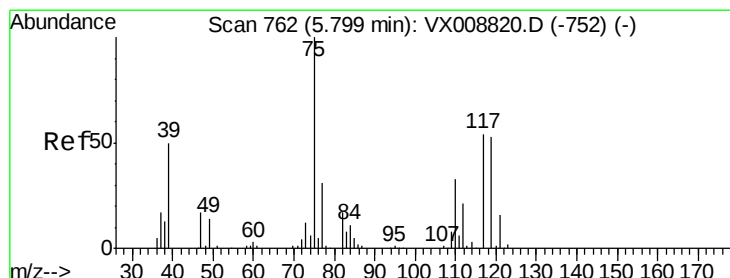
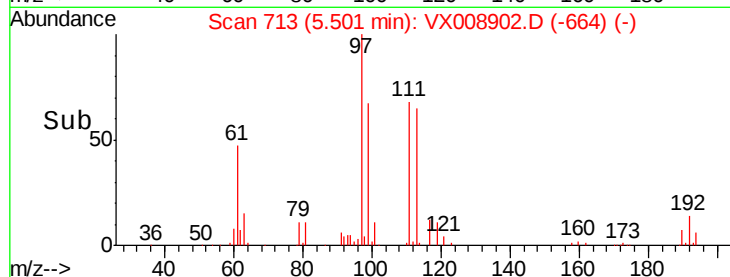
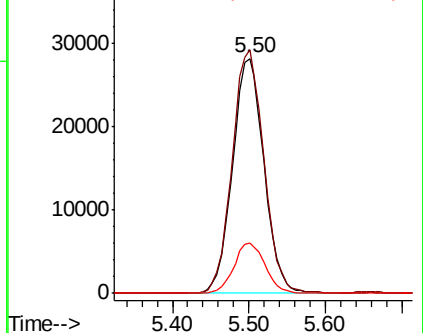
192 21.3 16.1 24.1



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: 48.264 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008902.D

Acq: 12 Apr 2019 21:44

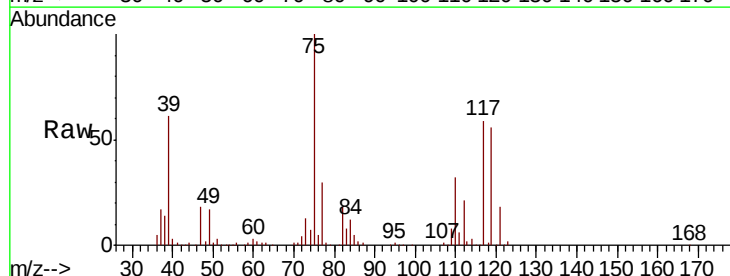
Tgt Ion: 75 Resp: 131909

Ion Ratio Lower Upper

75 100

110 32.8 16.4 49.2

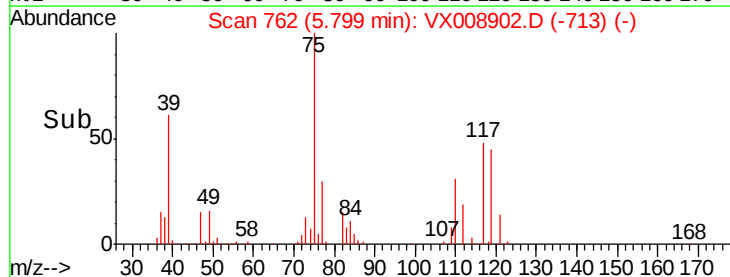
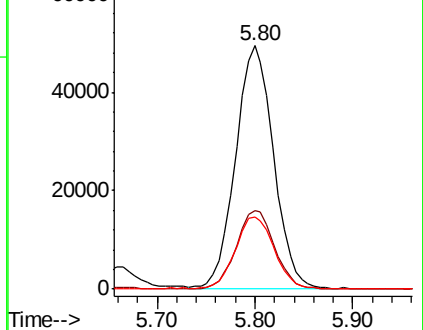
77 30.9 24.7 37.1

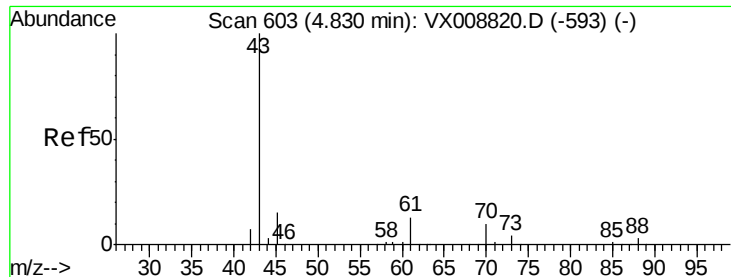


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 54.402 ug/l

RT: 4.84 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX008902.D

Acq: 12 Apr 2019 21:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

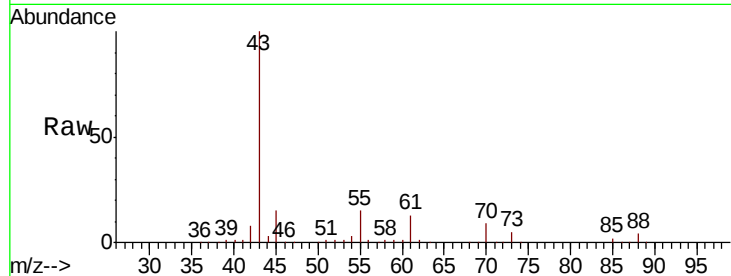
Tot Ion: 43 Resp: 198460

Ion Ratio Lower Upper

43 100

61 13.2 10.3 15.5

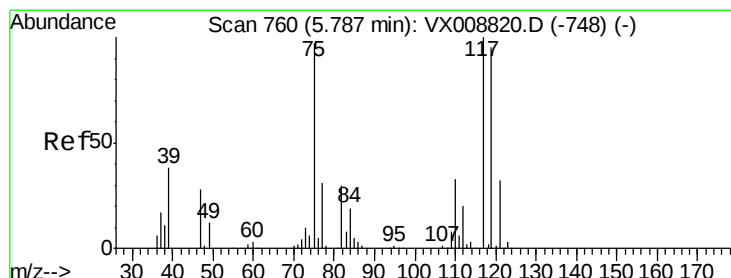
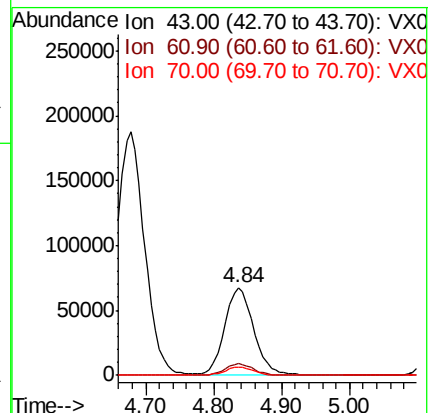
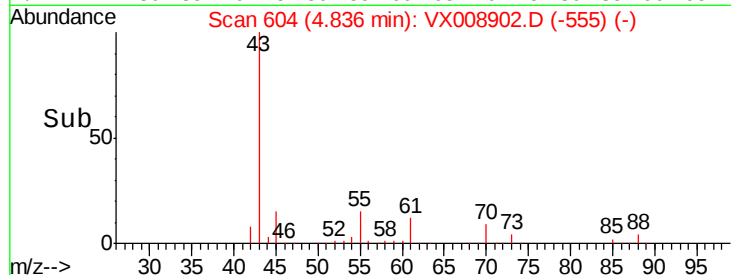
70 9.3 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX008820.D (-593) (-)

Ion 60.90 (60.60 to 61.60): VX008820.D (-593) (-)

Ion 70.00 (69.70 to 70.70): VX008820.D (-593) (-)



#38

Carbon Tetrachloride

Concen: 51.269 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX008902.D

Acq: 12 Apr 2019 21:44

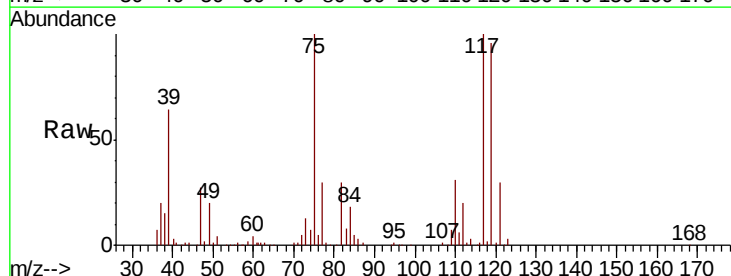
Tgt Ion: 117 Resp: 115973

Ion Ratio Lower Upper

117 100

119 95.9 75.0 112.6

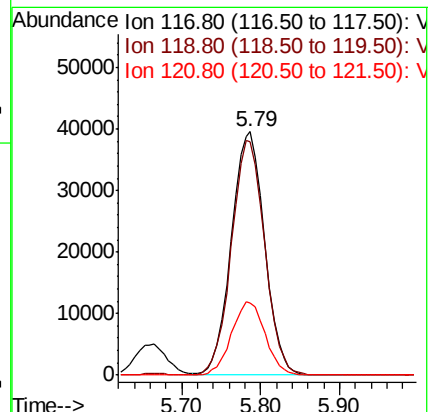
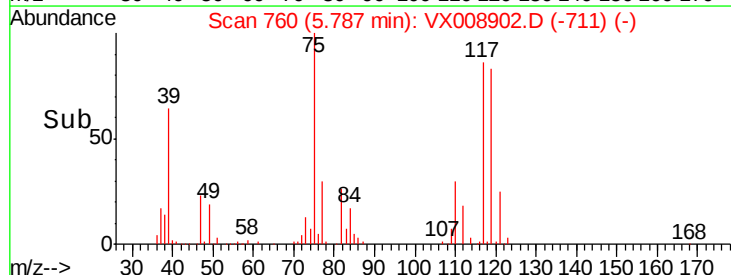
121 29.5 24.3 36.5

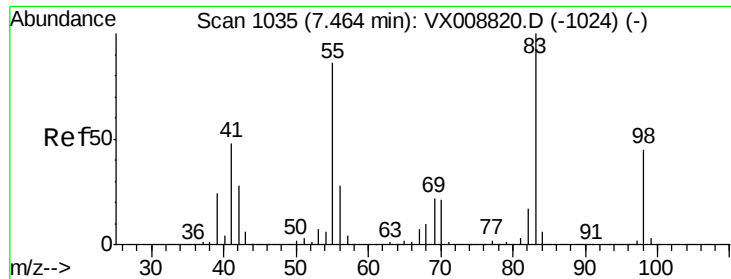


Abundance Ion 116.80 (116.50 to 117.50): VX008820.D (-748) (-)

Ion 118.80 (118.50 to 119.50): VX008820.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX008820.D (-748) (-)

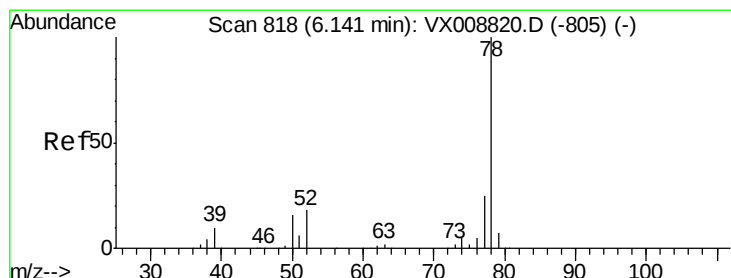
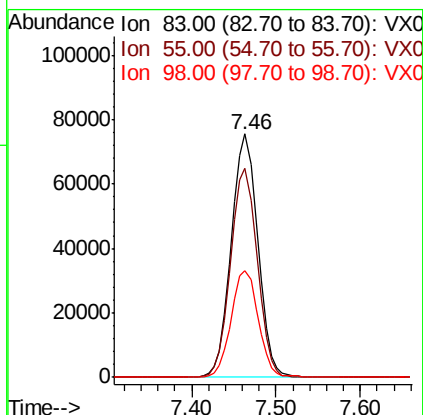
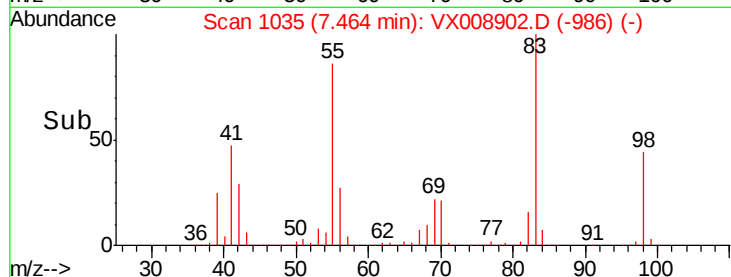
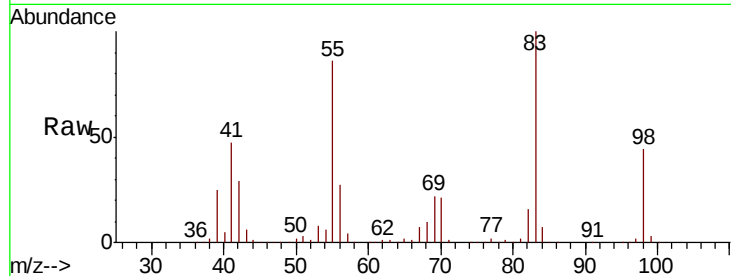




#39
Methvlcvclohexane
Concen: 47.549 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008902.D
Acq: 12 Apr 2019 21:44

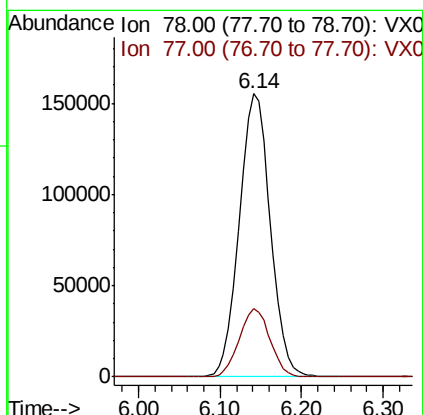
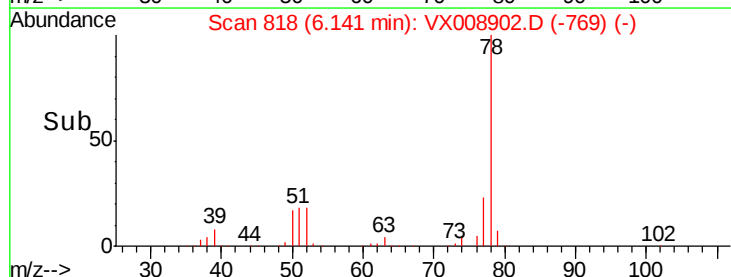
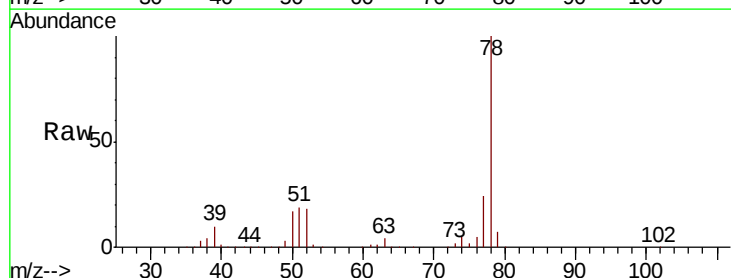
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

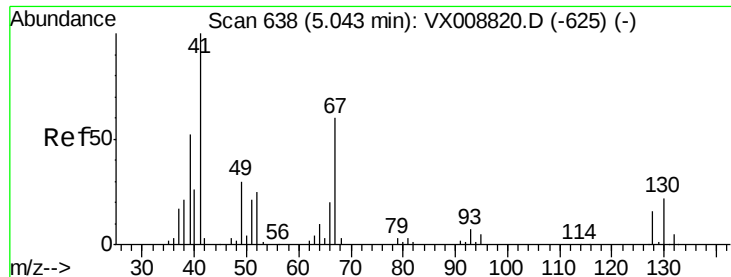
Tot Ion: 83 Resp: 160536
Ion Ratio Lower Upper
83 100
55 85.6 69.0 103.6
98 43.8 34.4 51.6



#40
Benzene
Concen: 50.371 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008902.D
Acq: 12 Apr 2019 21:44

Tgt Ion: 78 Resp: 410126
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7

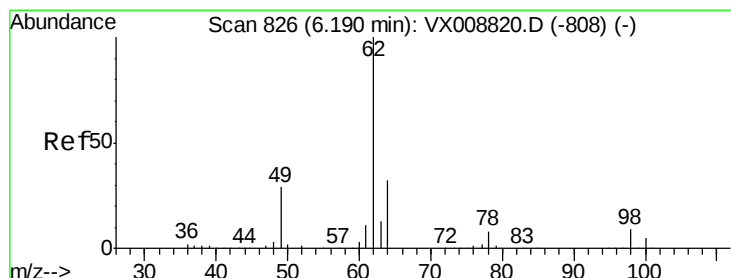
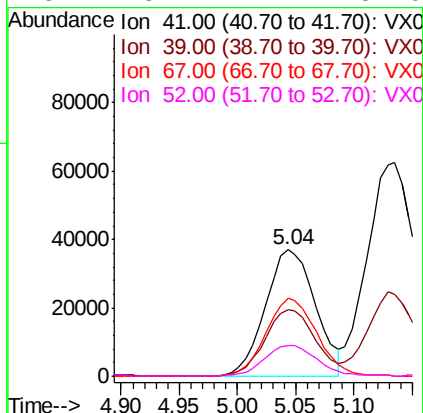
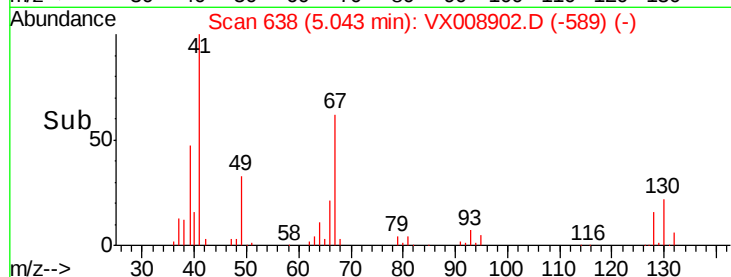
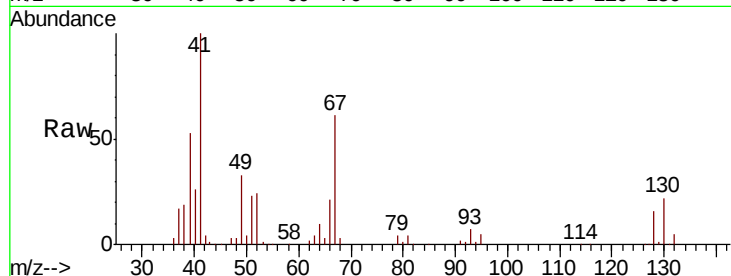




#41
Methacrylonitrile
Concen: 52.471 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008902.D
Acq: 12 Apr 2019 21:44

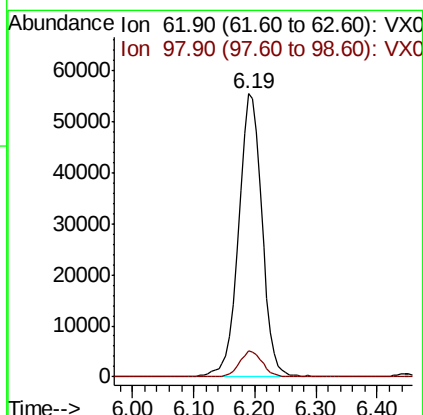
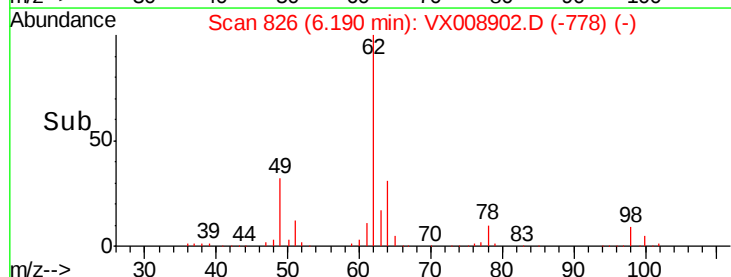
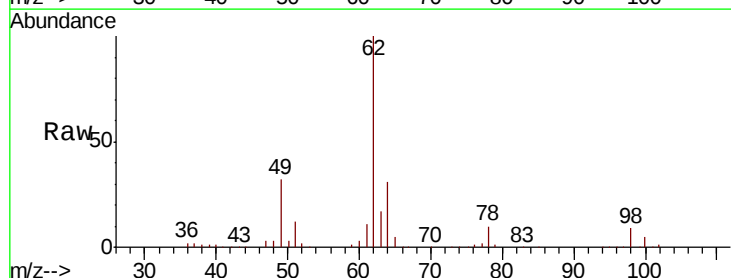
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

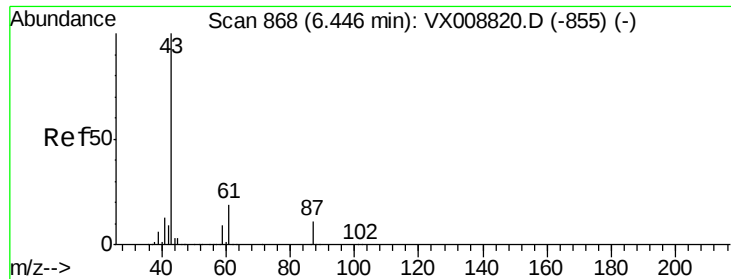
Tot Ion:	41	Resp:	110029
Ion	Ratio	Lower	Upper
41	100		
39	52.6	42.1	63.1
67	62.8	51.0	76.6
52	25.7	21.4	32.0



#42
1,2-Dichloroethane
Concen: 49.952 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008902.D
Acq: 12 Apr 2019 21:44

Tgt Ion:	62	Resp:	145807
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.0



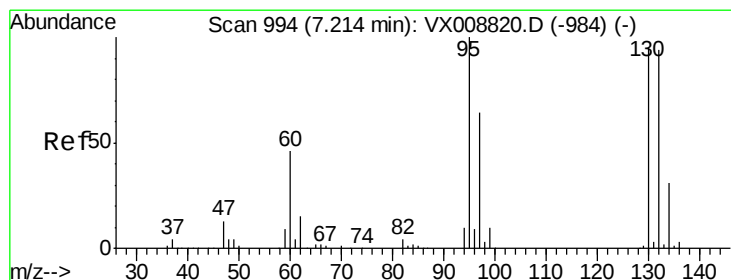
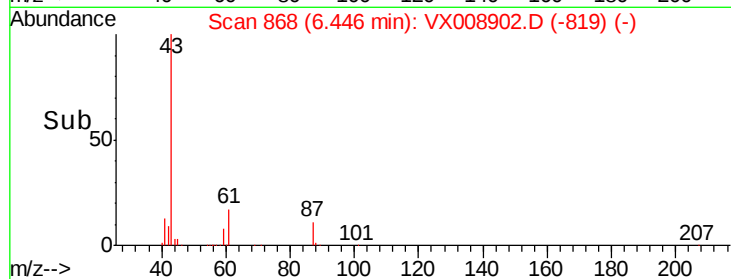
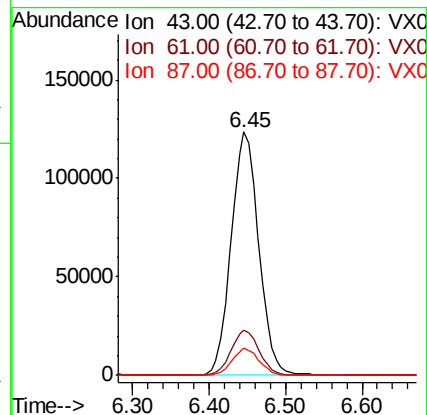
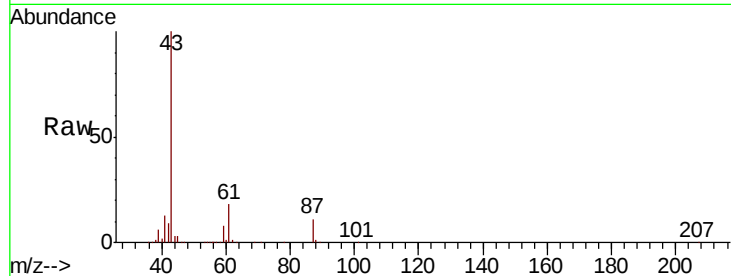


#43

Isopropyl Acetate
 Concen: 53.740 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX008902.D
 Acq: 12 Apr 2019 21:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

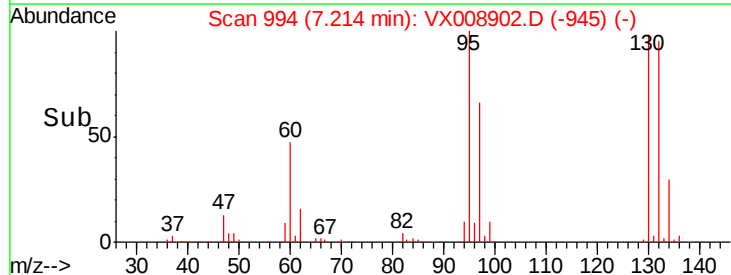
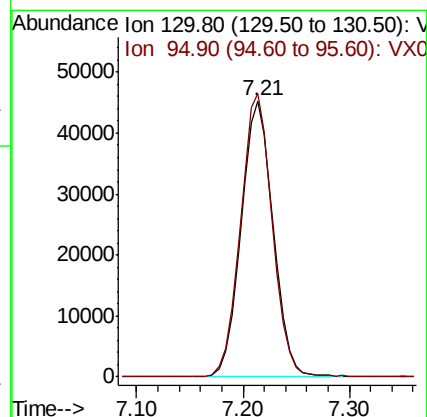
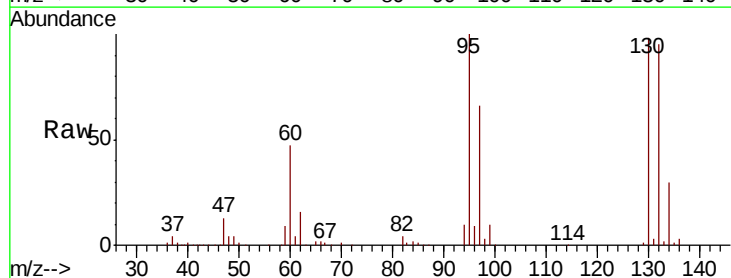
Tot Ion: 43 Resp: 307109
 Ion Ratio Lower Upper
 43 100
 61 18.8 15.3 22.9
 87 11.0 9.0 13.6

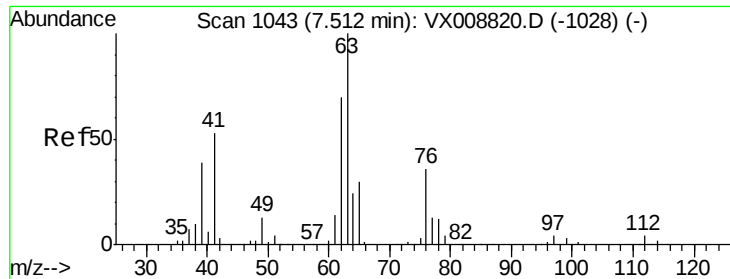


#44

Trichloroethene
 Concen: 50.335 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008902.D
 Acq: 12 Apr 2019 21:44

Tgt Ion: 130 Resp: 95453
 Ion Ratio Lower Upper
 130 100
 95 102.5 0.0 209.8

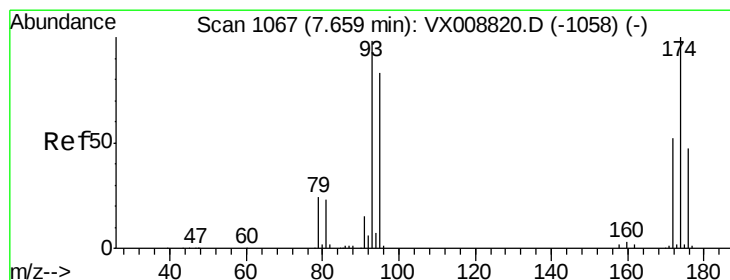
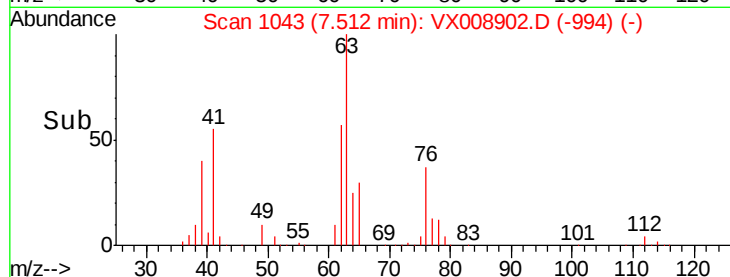
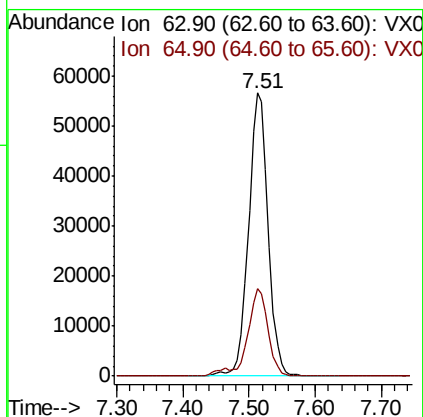
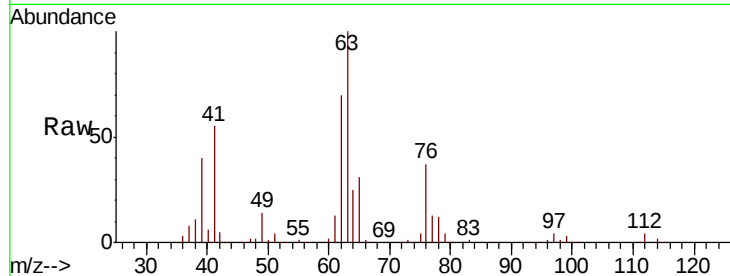




#45
 1,2-Dichloropropane
 Concen: 50.401 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008902.D
 Acq: 12 Apr 2019 21:44

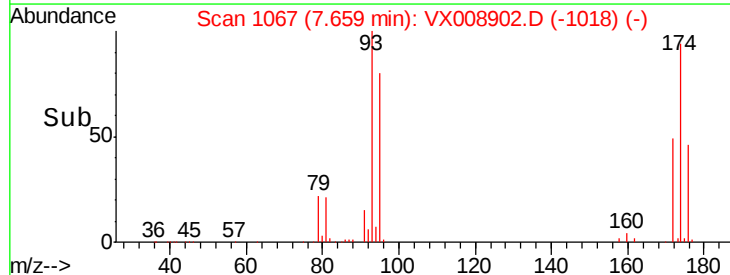
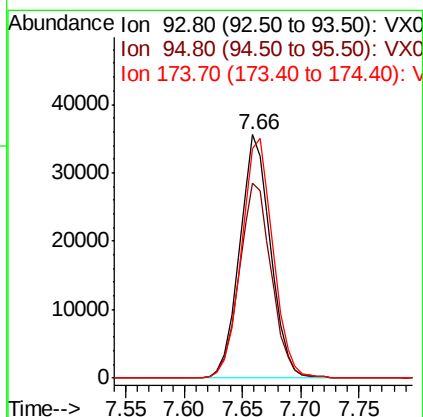
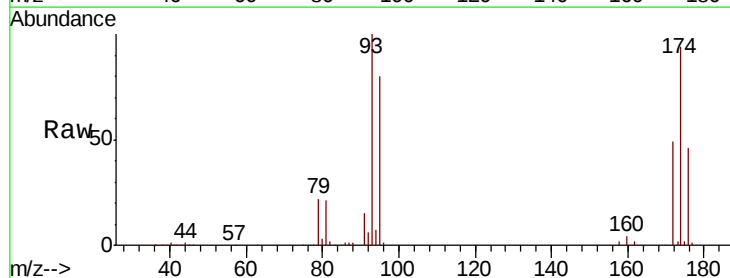
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

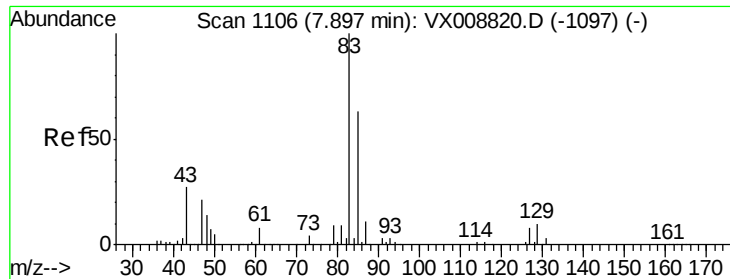
Tot Ion: 63 Resp: 117130
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.2 36.4



#46
 Dibromomethane
 Concen: 48.870 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008902.D
 Acq: 12 Apr 2019 21:44

Tgt Ion: 93 Resp: 65869
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.6 99.8
 174 100.9 77.7 116.5





#47

Bromodichloromethane

Concen: 51.469 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008902.D

Acq: 12 Apr 2019 21:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

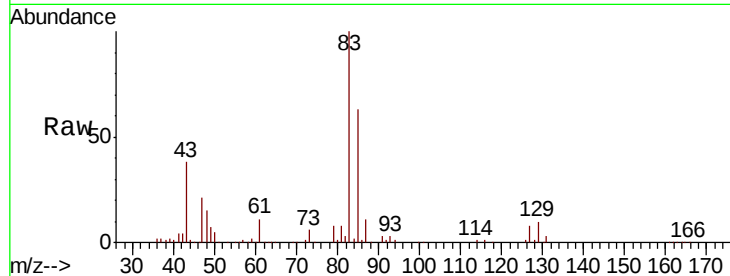
Tot Ion: 83 Resp: 130801

Ion Ratio Lower Upper

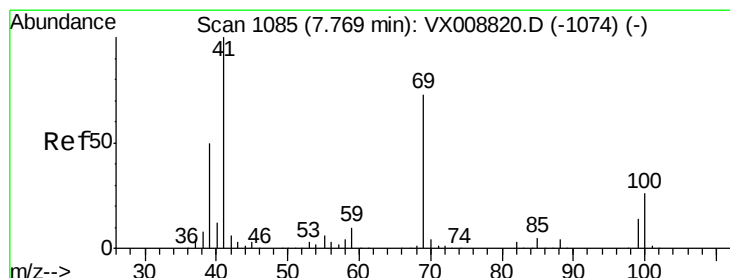
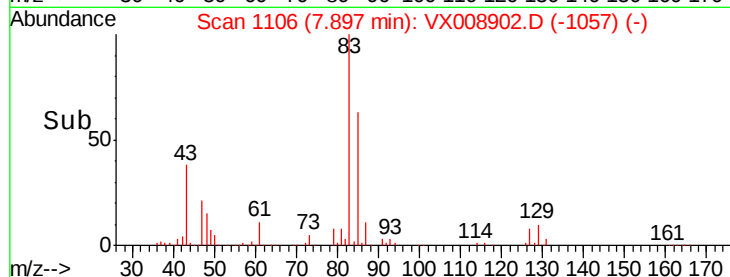
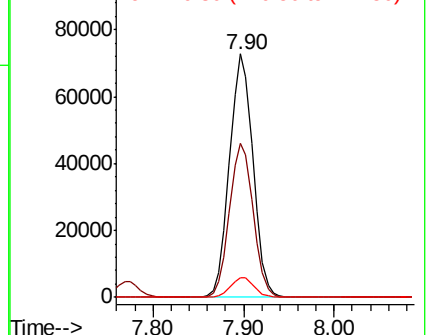
83 100

85 63.2 51.2 76.8

127 7.9 6.6 10.0



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: 53.590 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008902.D

Acq: 12 Apr 2019 21:44

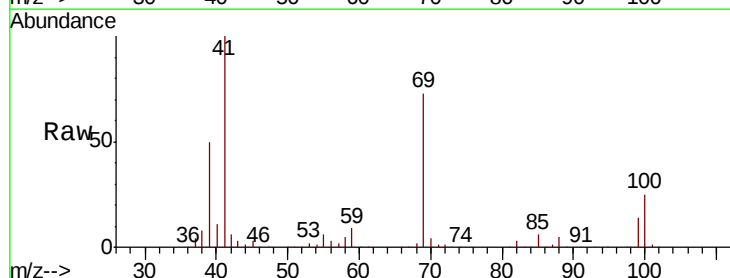
Tgt Ion: 41 Resp: 154918

Ion Ratio Lower Upper

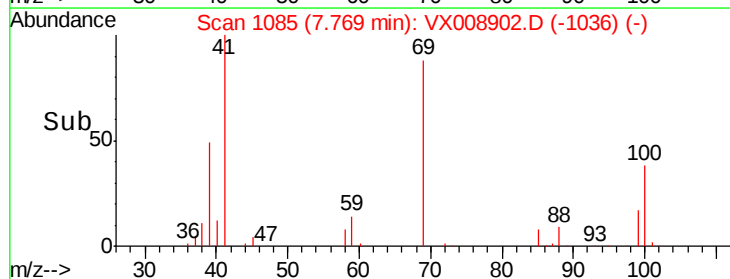
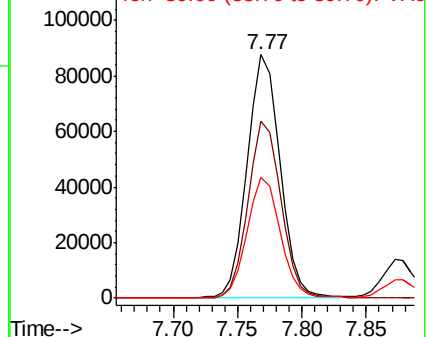
41 100

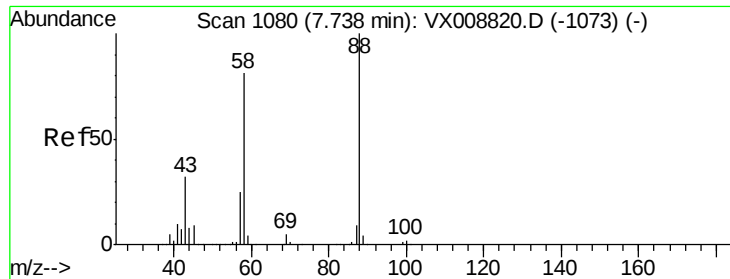
69 73.2 59.0 88.4

39 50.3 41.0 61.4



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

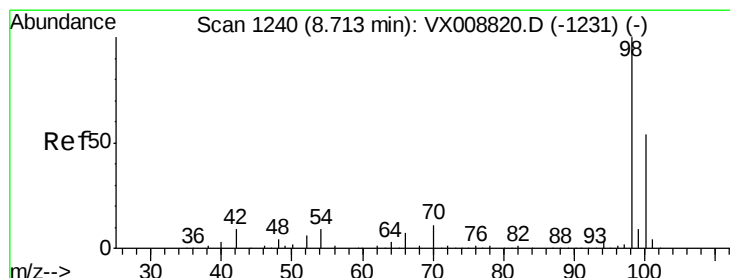
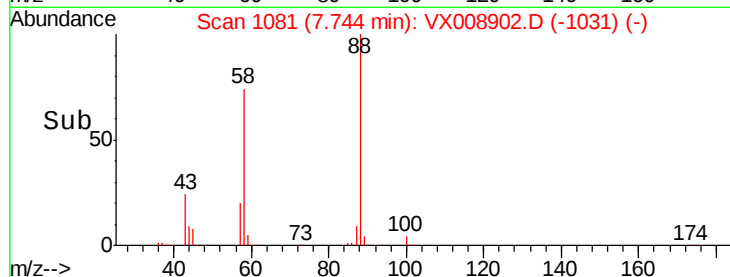
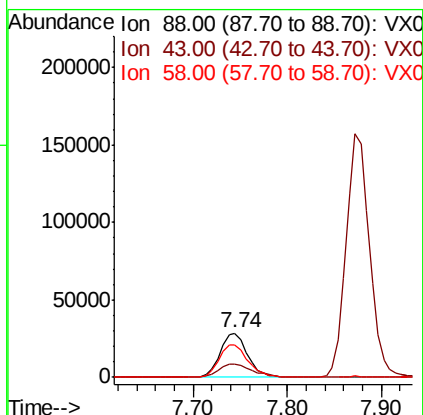
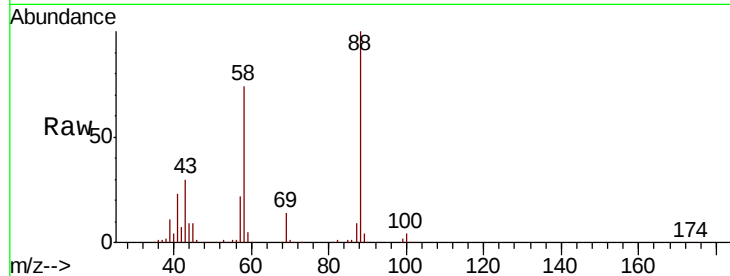




#49
1,4-Dioxane
Concen: 1053.618 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX008902.D
Acq: 12 Apr 2019 21:44

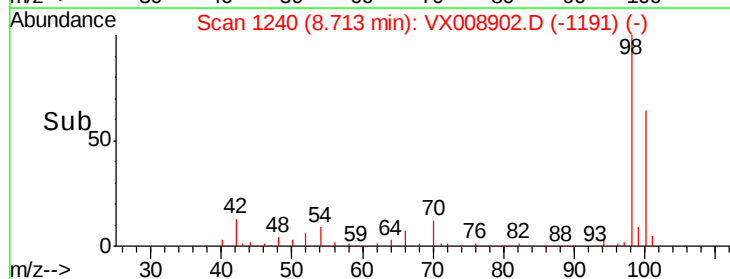
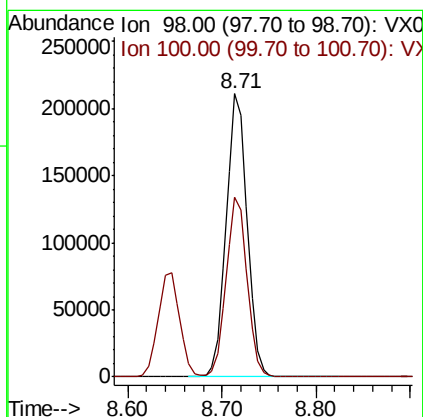
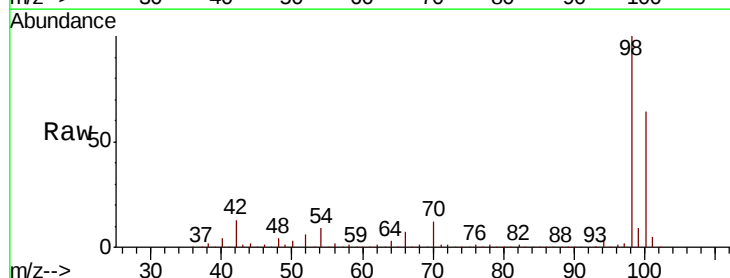
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

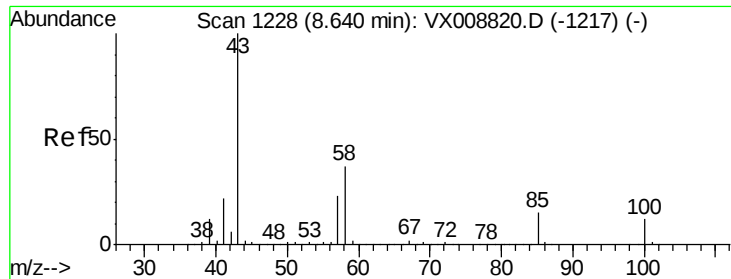
Tot Ion: 88 Resp: 57056
Ion Ratio Lower Upper
88 100
43 36.8 28.6 43.0
58 79.9 62.2 93.2



#50
Toluene-d8
Concen: 51.089 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008902.D
Acq: 12 Apr 2019 21:44

Tgt Ion: 98 Resp: 325189
Ion Ratio Lower Upper
98 100
100 63.6 51.4 77.0

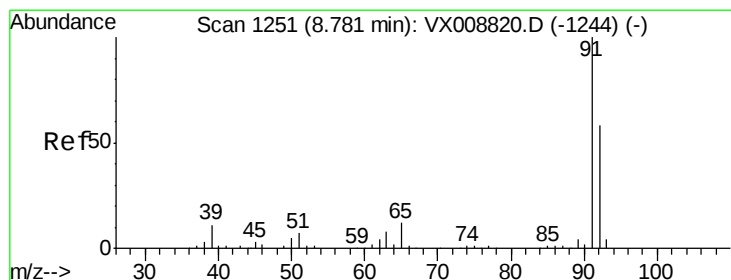
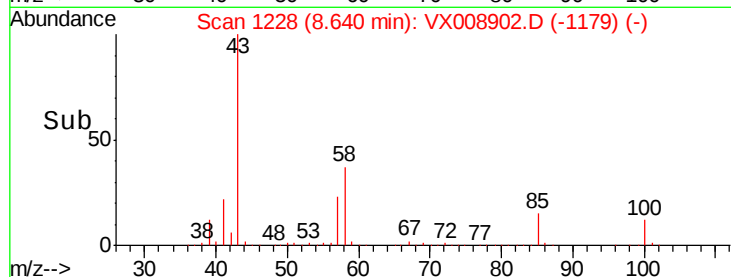
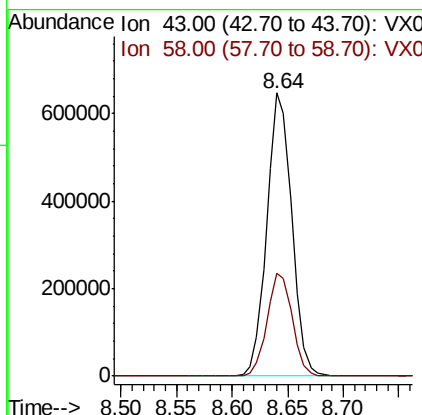
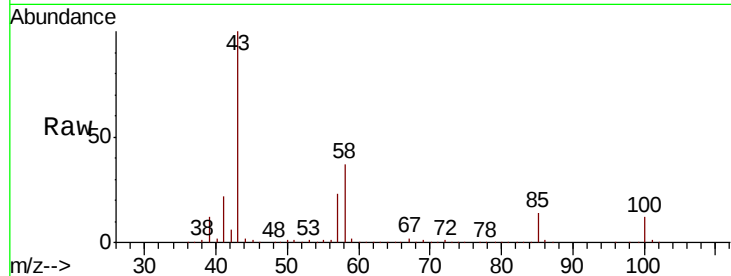




#51
4-Methyl-2-Pentanone
Concen: 275.666 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008902.D
Acq: 12 Apr 2019 21:44

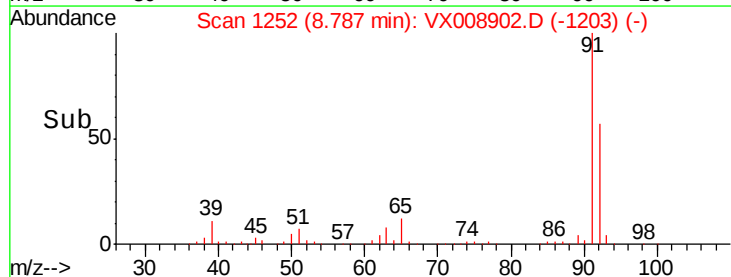
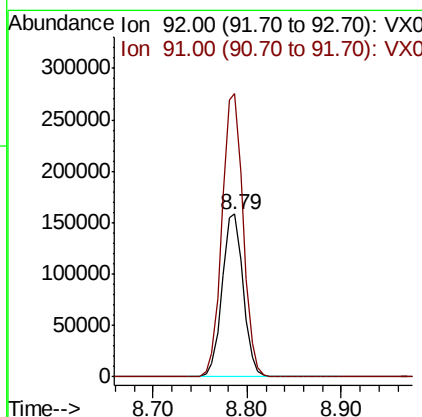
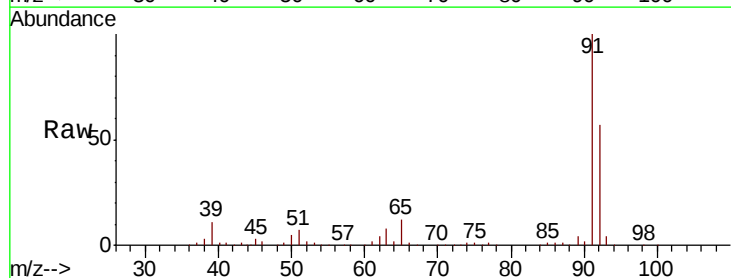
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

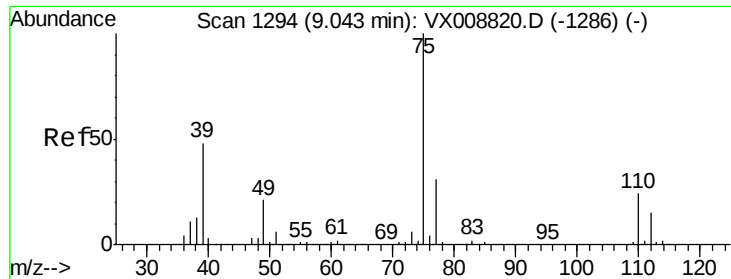
Tot Ion: 43 Resp: 1014107
Ion Ratio Lower Upper
43 100
58 36.7 29.5 44.3



#52
Toluene
Concen: 50.989 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX008902.D
Acq: 12 Apr 2019 21:44

Tgt Ion: 92 Resp: 244755
Ion Ratio Lower Upper
92 100
91 174.1 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 52.476 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX008902.D

Acq: 12 Apr 2019 21:44

Instrument :

MSVOA_X

ClientSampleId :

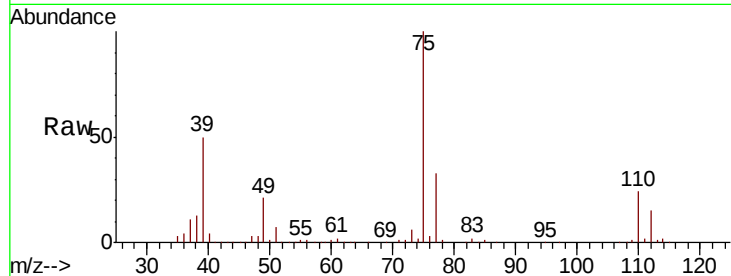
VSTDCCC050

Tot Ion: 75 Resp: 149388

Ion Ratio Lower Upper

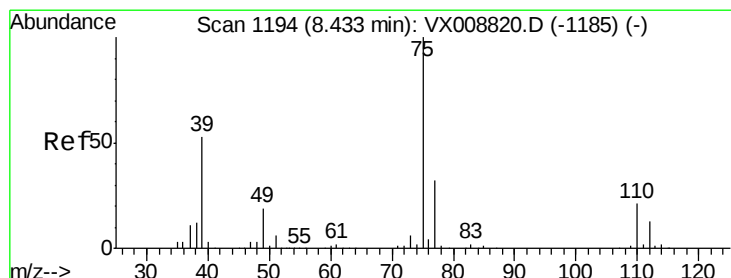
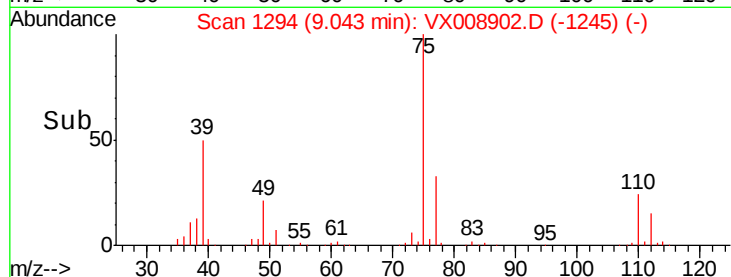
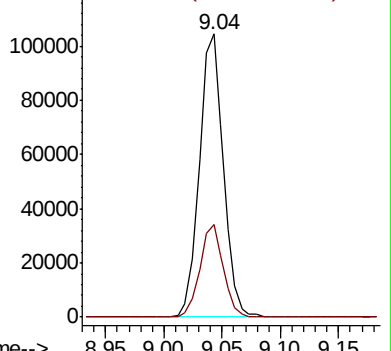
75 100

77 32.7 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 50.746 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX008902.D

Acq: 12 Apr 2019 21:44

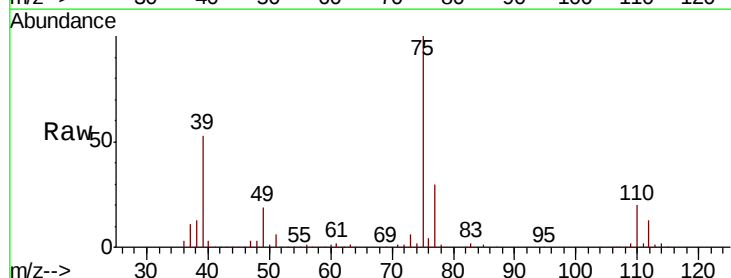
Tgt Ion: 75 Resp: 165068

Ion Ratio Lower Upper

75 100

77 30.2 25.3 37.9

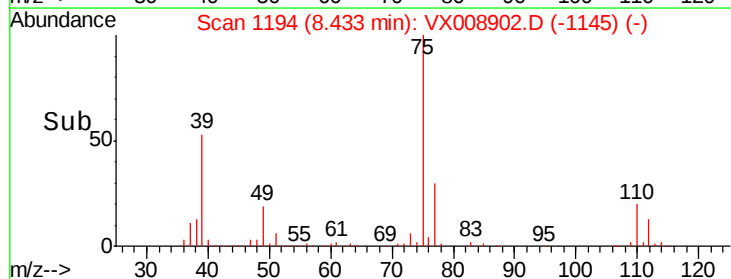
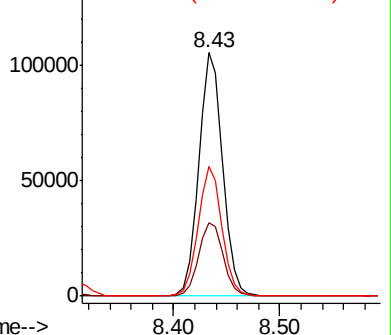
39 53.2 42.6 63.8

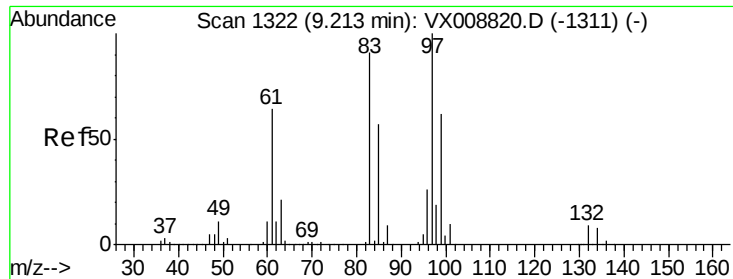


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

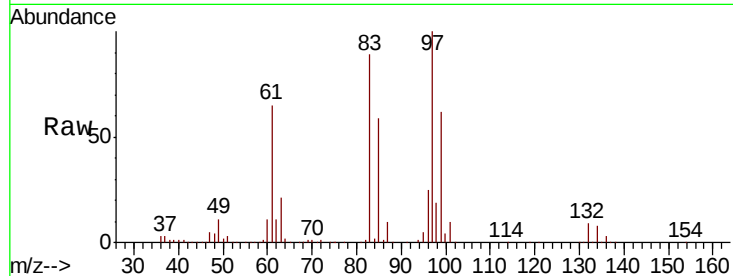




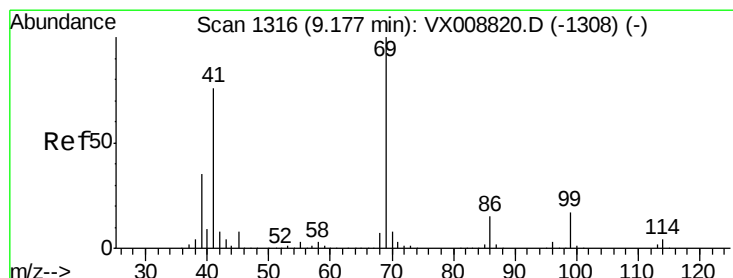
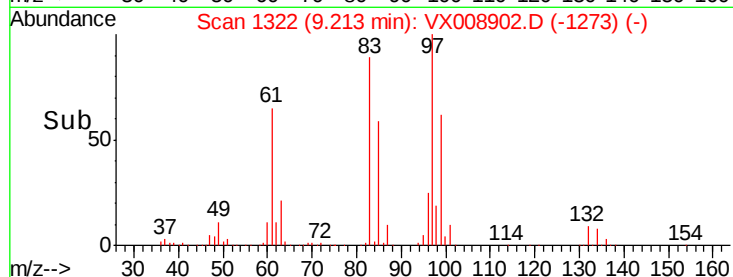
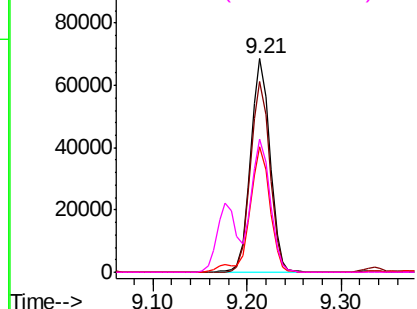
#55
 1,1,2-Trichloroethane
 Concen: 51.276 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008902.D
 Acq: 12 Apr 2019 21:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 98801
 Ion Ratio Lower Upper
 97 100
 83 89.3 73.2 109.8
 85 58.8 46.6 69.8
 99 62.0 50.1 75.1

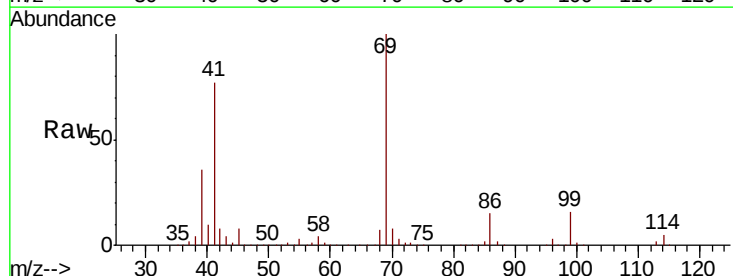


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

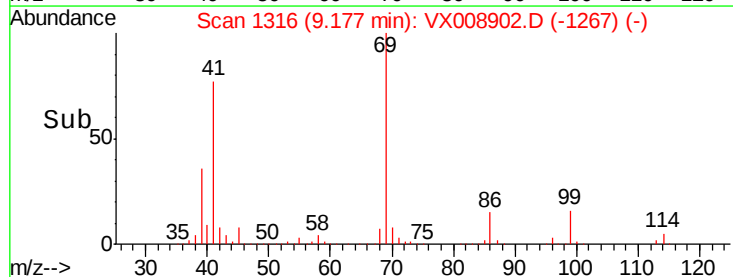
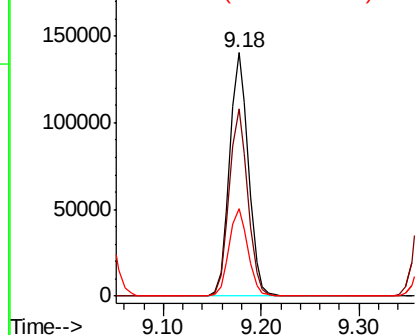


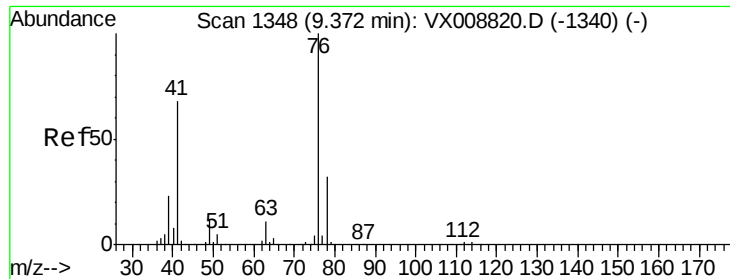
#56
 Ethyl methacrylate
 Concen: 53.795 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008902.D
 Acq: 12 Apr 2019 21:44

Tgt Ion: 69 Resp: 187545
 Ion Ratio Lower Upper
 69 100
 41 76.4 60.1 90.1
 39 36.1 28.9 43.3



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: 51.259 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008902.D

Acq: 12 Apr 2019 21:44

Instrument :

MSVOA_X

ClientSampleId :

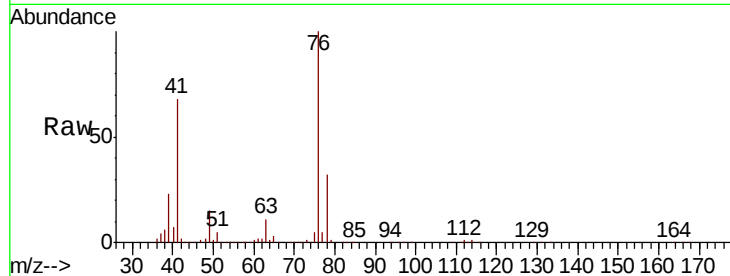
VSTDCCC050

Tot Ion: 76 Resp: 177354

Ion Ratio Lower Upper

76 100

78 31.9 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

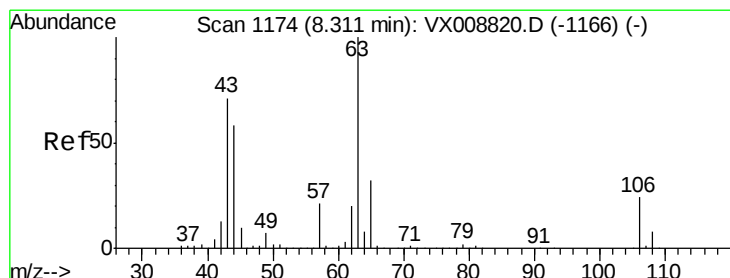
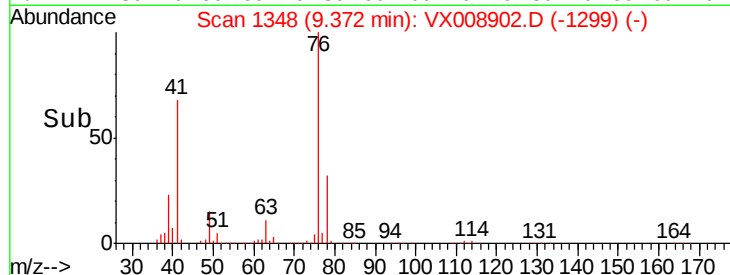
100000

50000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 251.187 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008902.D

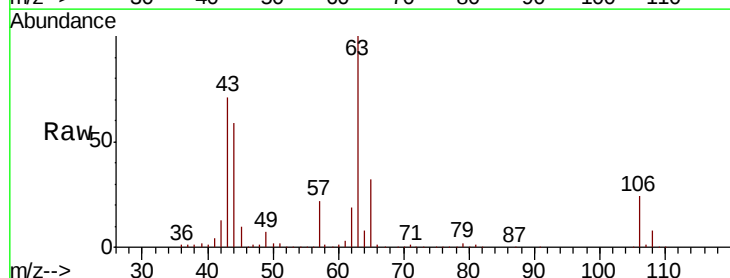
Acq: 12 Apr 2019 21:44

Tgt Ion: 63 Resp: 447151

Ion Ratio Lower Upper

63 100

106 24.2 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

300000

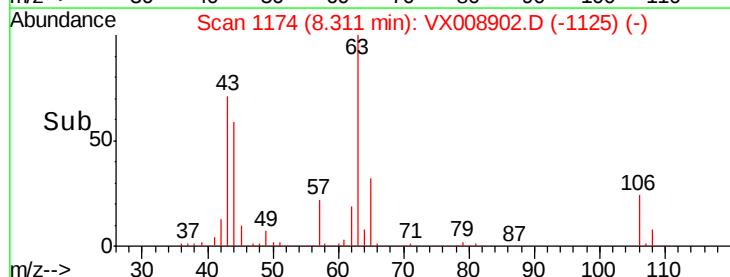
200000

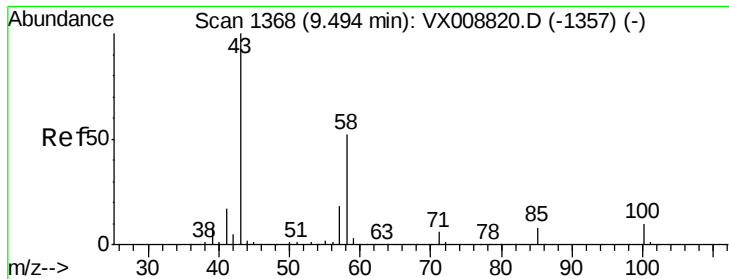
100000

0

8.20 8.30 8.40

Time-->

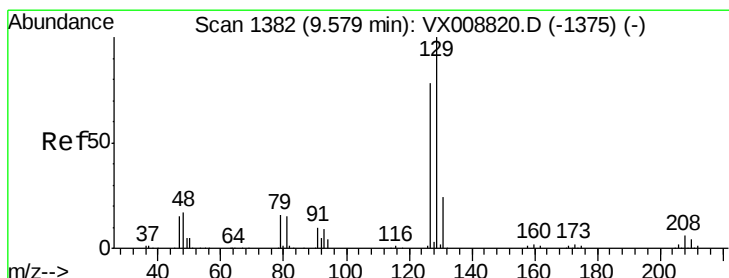
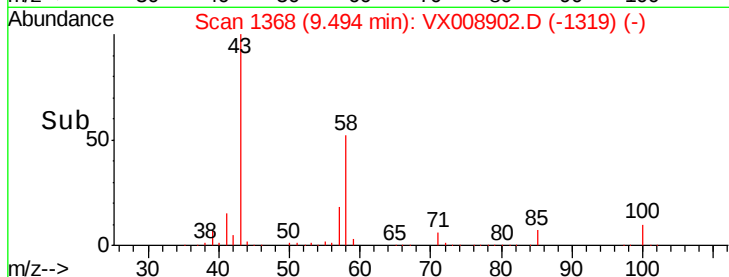
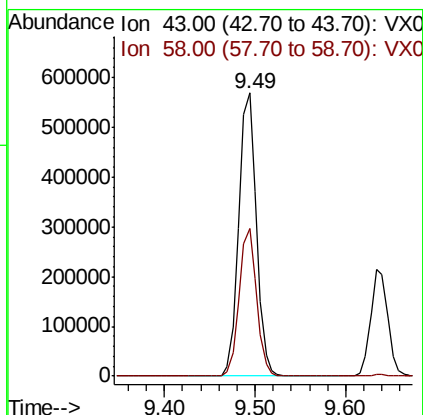
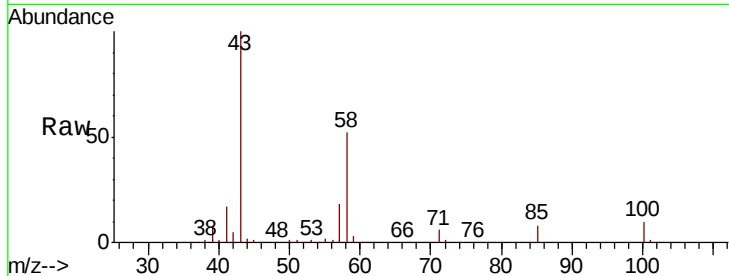




#59
2-Hexanone
Concen: 268.636 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX008902.D
Acq: 12 Apr 2019 21:44

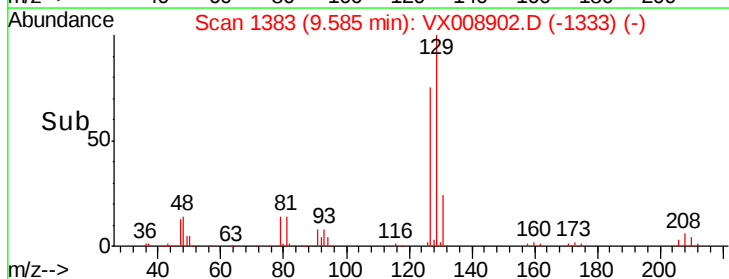
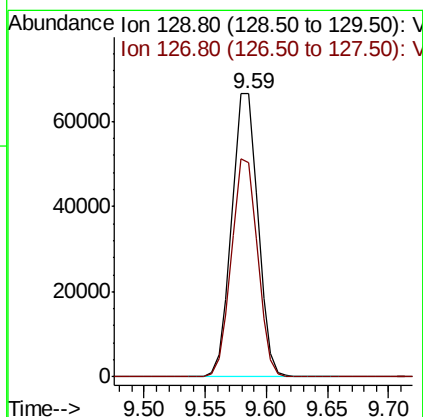
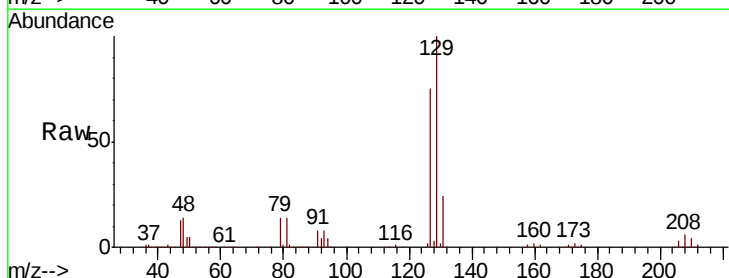
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

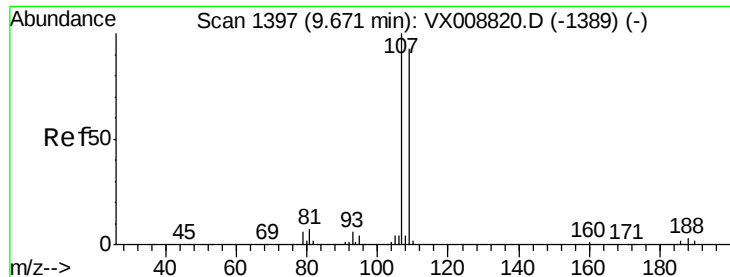
Tot Ion: 43 Resp: 768013
Ion Ratio Lower Upper
43 100
58 51.3 25.9 77.7



#60
Dibromochloromethane
Concen: 54.228 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX008902.D
Acq: 12 Apr 2019 21:44

Tgt Ion:129 Resp: 98462
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.3





#61

1,2-Dibromoethane

Concen: 50.699 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008902.D

Acq: 12 Apr 2019 21:44

Instrument :

MSVOA_X

ClientSampleId :

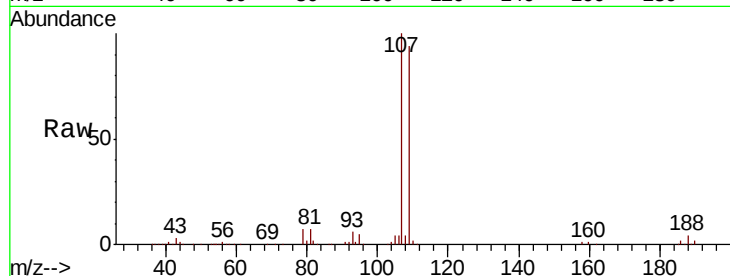
VSTDCCC050

Tot Ion: 107 Resp: 101698

Ion Ratio Lower Upper

107 100

109 94.7 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

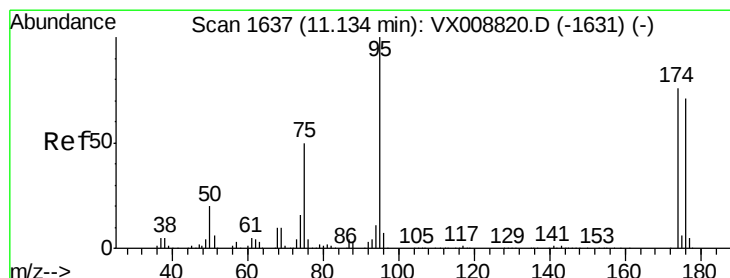
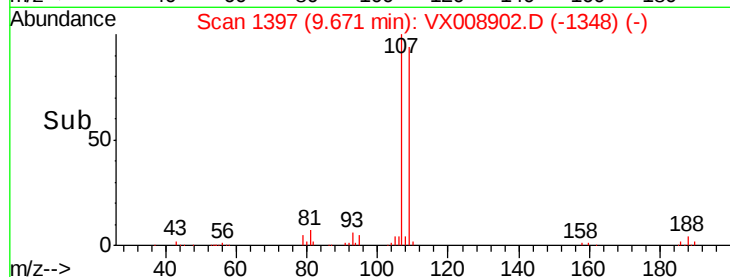
40000

20000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 52.107 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008902.D

Acq: 12 Apr 2019 21:44

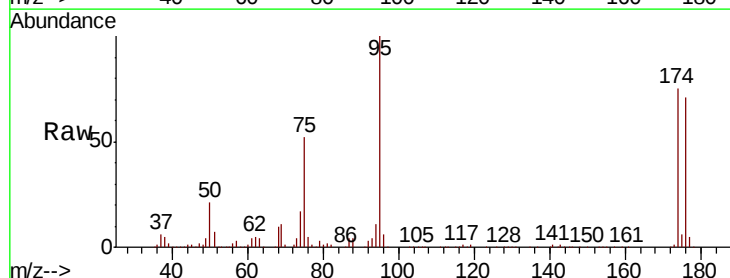
Tgt Ion: 95 Resp: 117615

Ion Ratio Lower Upper

95 100

174 79.7 0.0 151.8

176 76.7 0.0 145.8



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

120000

100000

80000

60000

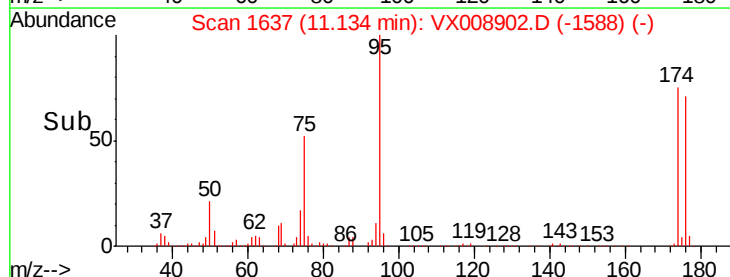
40000

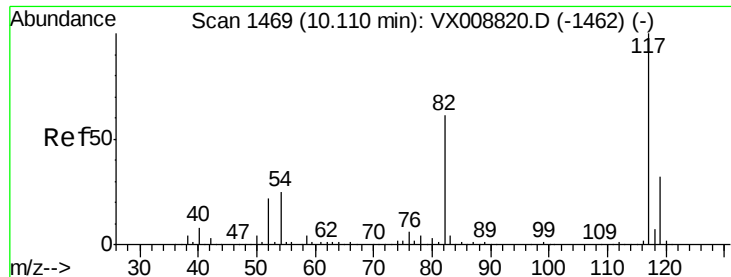
20000

0

Time-->

11.10 11.20

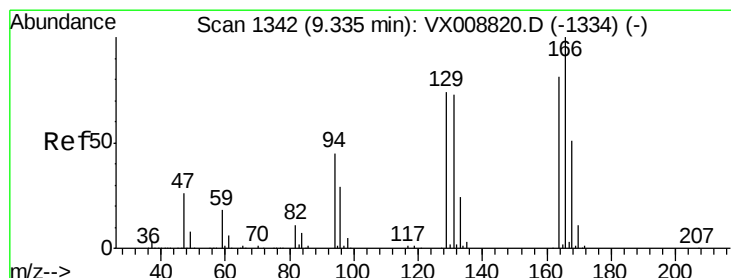
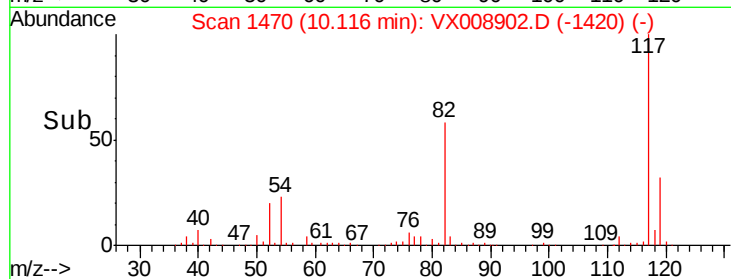
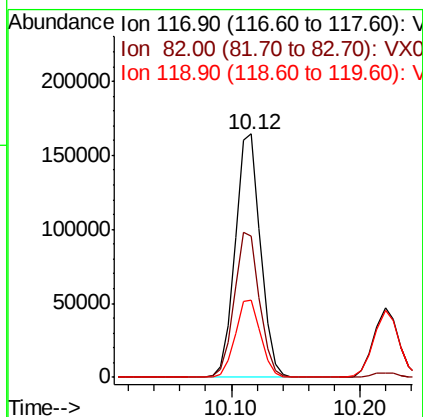
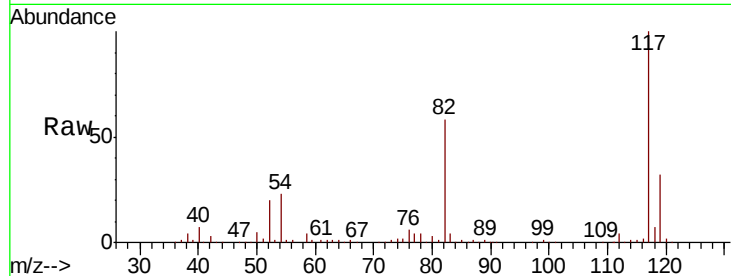




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008902.D
Acq: 12 Apr 2019 21:44

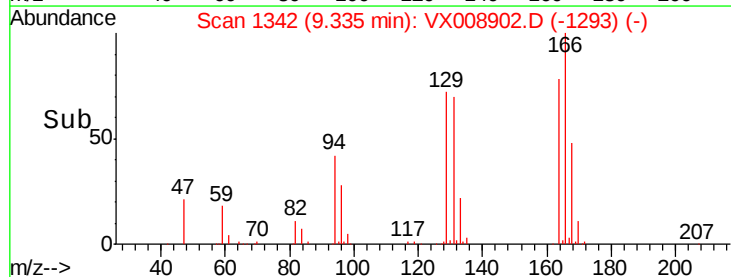
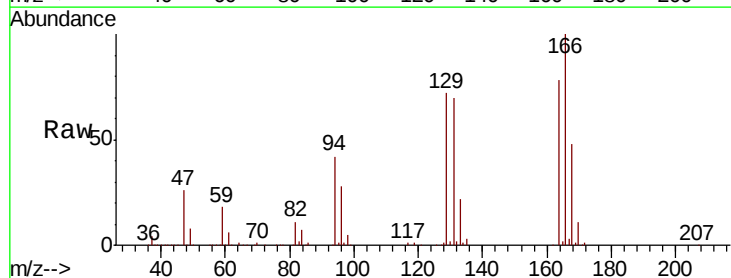
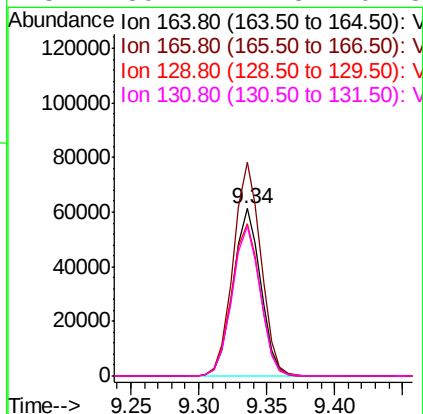
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

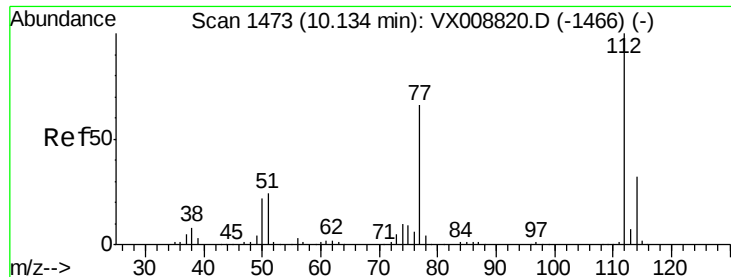
Tot Ion:117 Resp: 224212
Ion Ratio Lower Upper
117 100
82 57.9 49.6 74.4
119 31.8 25.0 37.4



#64
Tetrachloroethene
Concen: 52.143 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008902.D
Acq: 12 Apr 2019 21:44

Tgt Ion:164 Resp: 86618
Ion Ratio Lower Upper
164 100
166 127.7 101.0 151.6
129 91.4 75.8 113.8
131 89.4 71.8 107.8

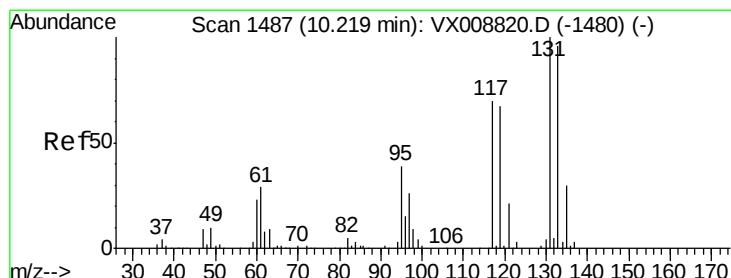
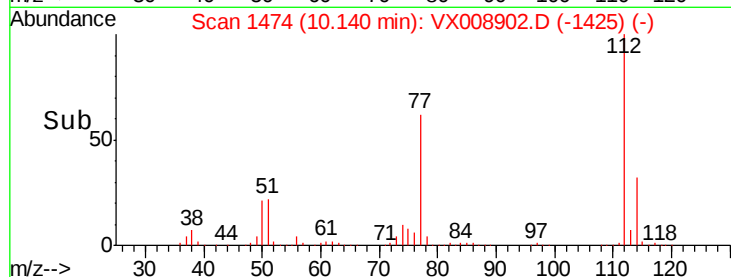
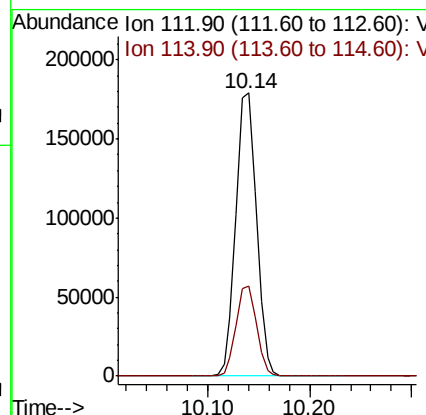
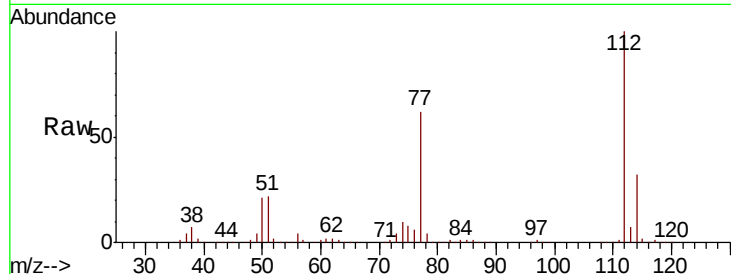




#65
Chlorobenzene
Concen: 50.375 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008902.D
Acq: 12 Apr 2019 21:44

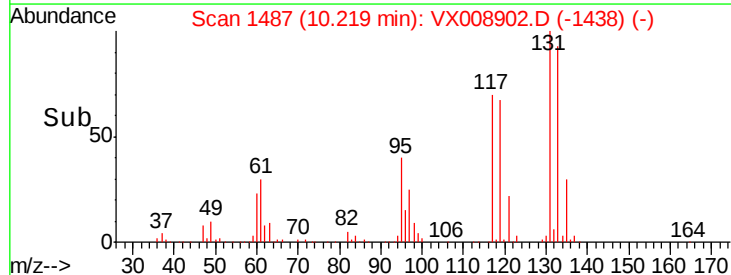
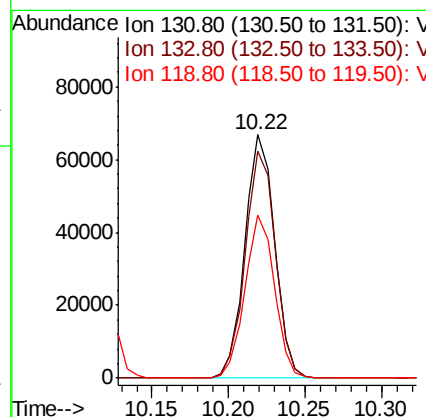
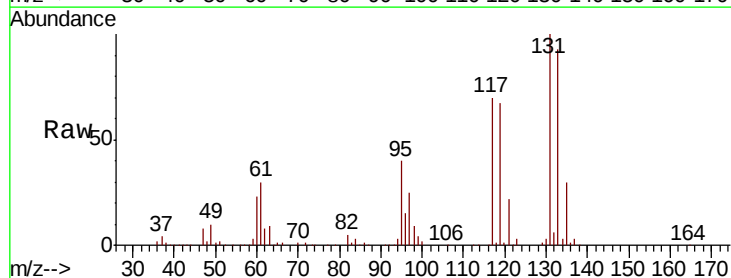
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

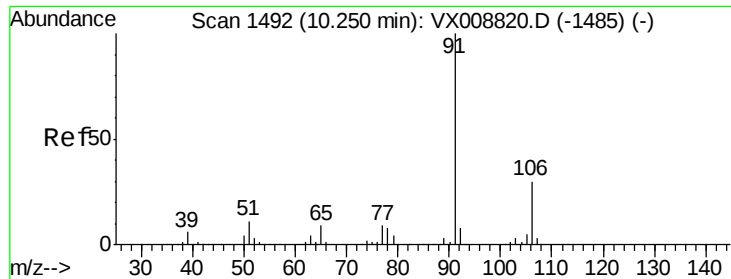
Tot Ion:112 Resp: 250369
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 51.806 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008902.D
Acq: 12 Apr 2019 21:44

Tgt Ion:131 Resp: 90329
Ion Ratio Lower Upper
131 100
133 94.3 47.0 141.2
119 66.7 33.7 101.0





#67

Ethyl Benzene

Concen: 50.223 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008902.D

Acq: 12 Apr 2019 21:44

Instrument :

MSVOA_X

ClientSampleId :

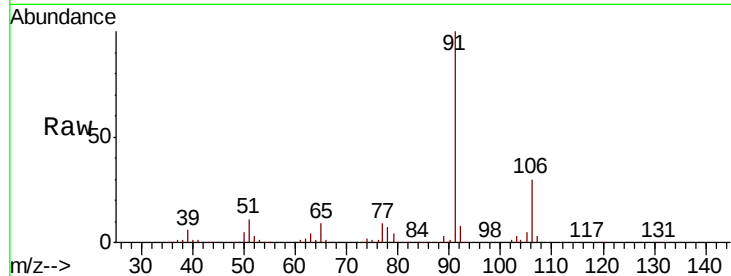
VSTDCCC050

Tot Ion: 91 Resp: 465450

Ion Ratio Lower Upper

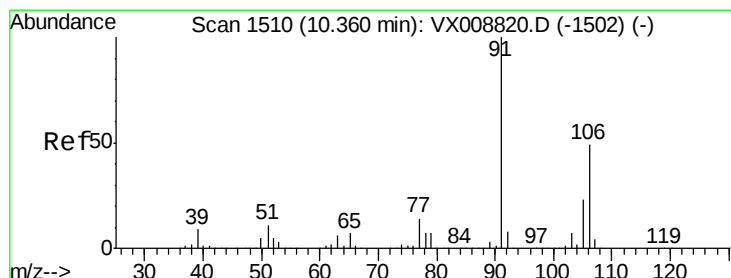
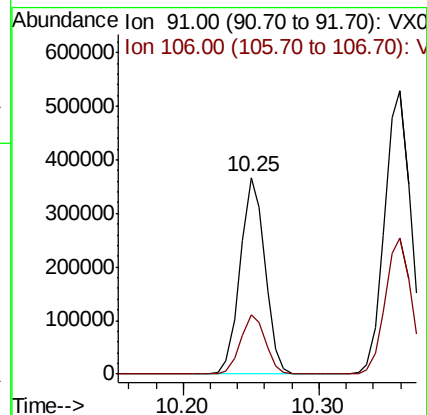
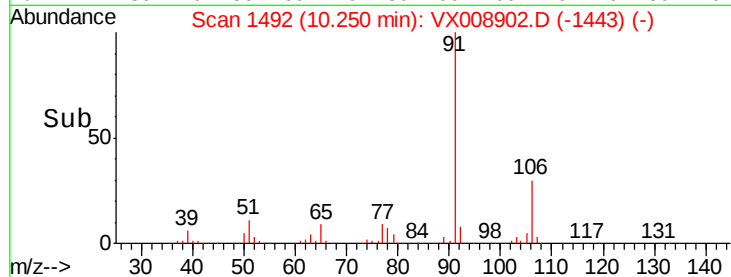
91 100

106 30.2 23.7 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX008820.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX008820.D (-1485) (-)



#68

m/p-Xylenes

Concen: 101.207 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008902.D

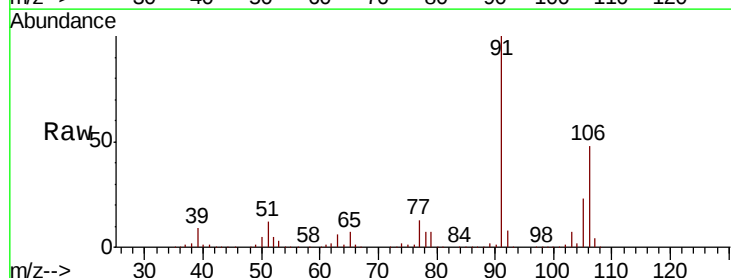
Acq: 12 Apr 2019 21:44

Tgt Ion: 106 Resp: 337240

Ion Ratio Lower Upper

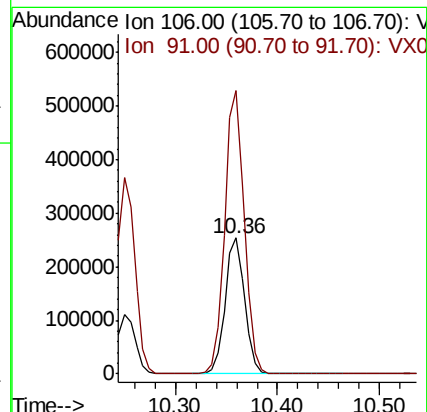
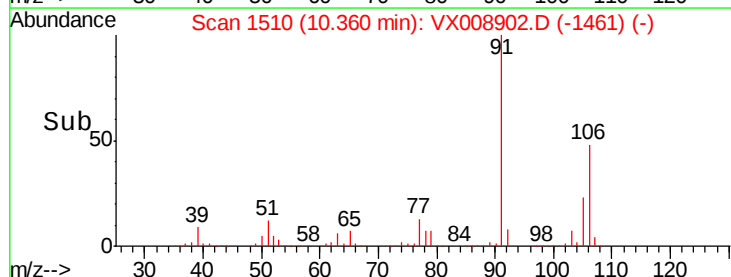
106 100

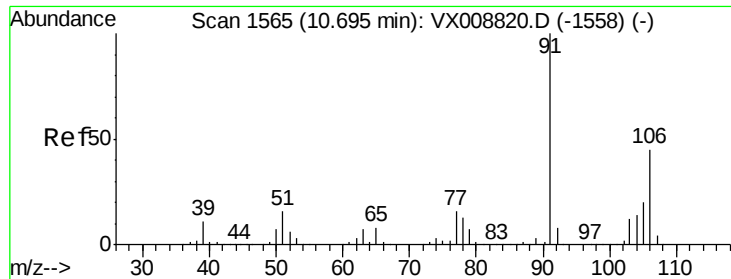
91 209.2 168.5 252.7



Abundance Ion 106.00 (105.70 to 106.70): VX008820.D (-1502) (-)

Ion 91.00 (90.70 to 91.70): VX008820.D (-1502) (-)

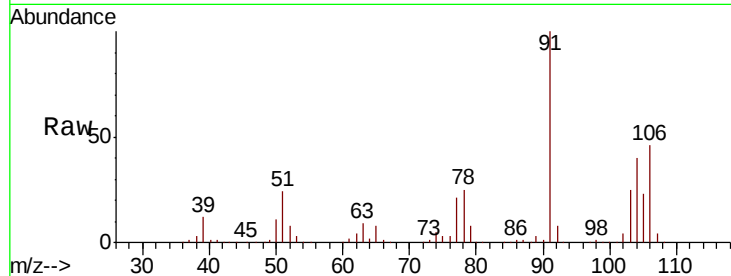




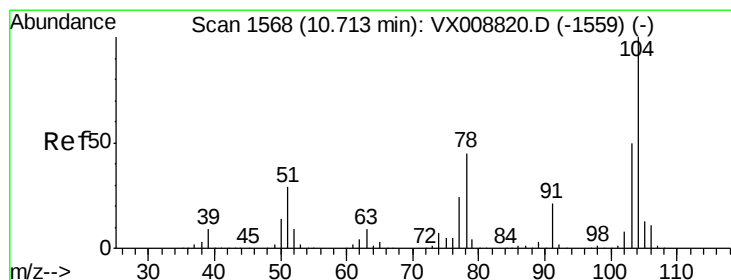
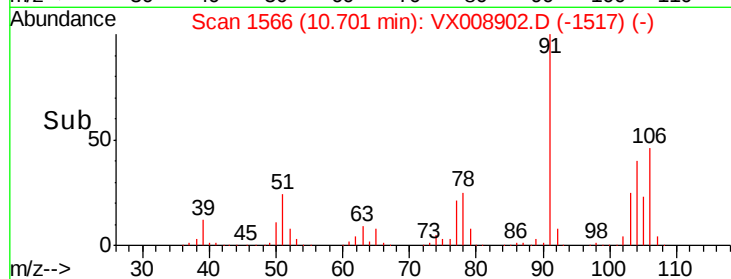
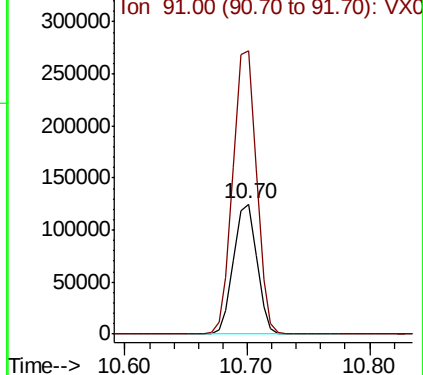
#69
o-Xylene
Concen: 51.107 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008902.D
Acq: 12 Apr 2019 21:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 165037
Ion Ratio Lower Upper
106 100
91 219.9 111.5 334.4

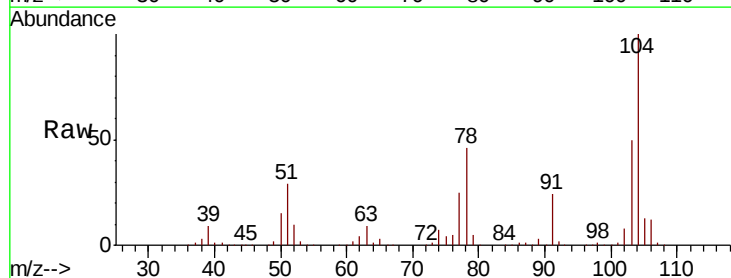


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

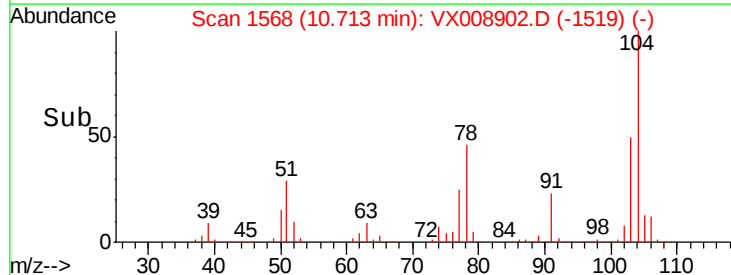
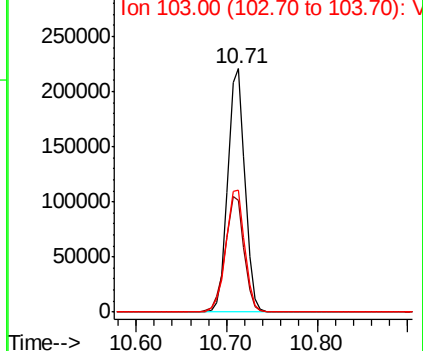


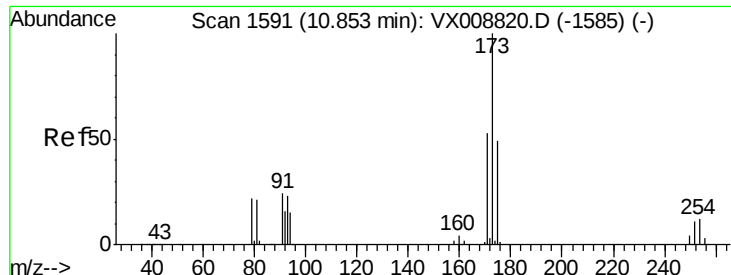
#70
Styrene
Concen: 51.927 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008902.D
Acq: 12 Apr 2019 21:44

Tgt Ion:104 Resp: 289051
Ion Ratio Lower Upper
104 100
78 52.0 42.3 63.5
103 55.1 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 53.517 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008902.D

Acq: 12 Apr 2019 21:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

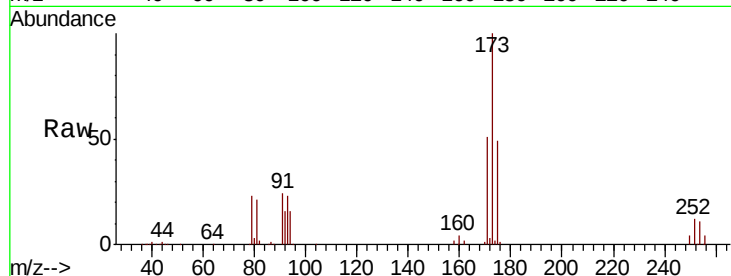
Tot Ion:173 Resp: 71267

Ion Ratio Lower Upper

173 100

175 48.9 24.9 74.6

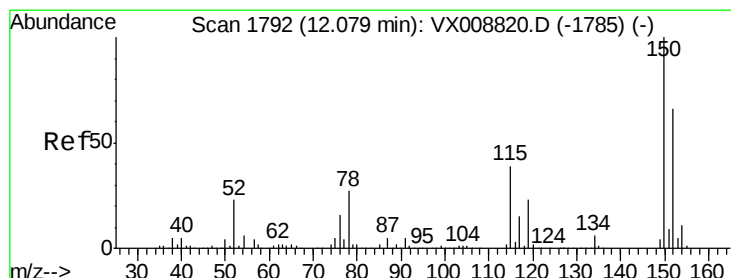
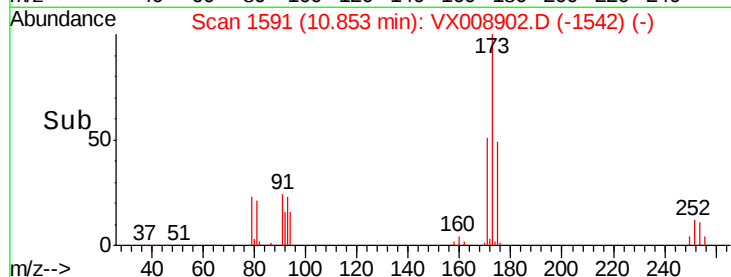
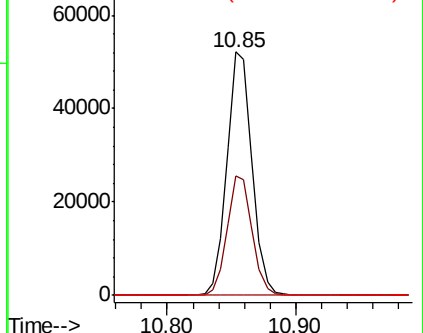
254 0.2 0.1 0.1#



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: VX008902.D

Acq: 12 Apr 2019 21:44

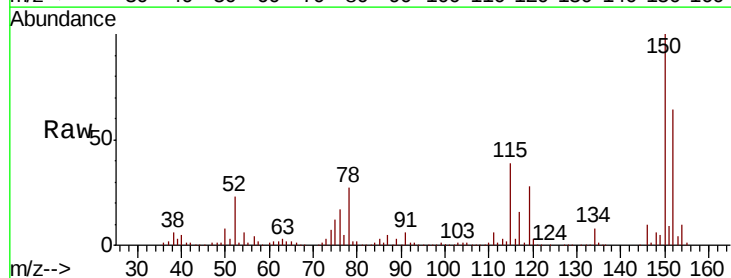
Tgt Ion:152 Resp: 103671

Ion Ratio Lower Upper

152 100

115 85.6 43.5 130.5

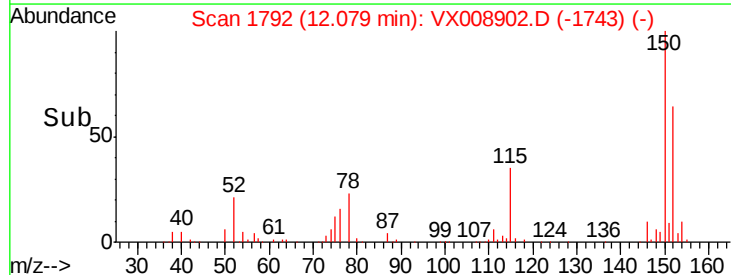
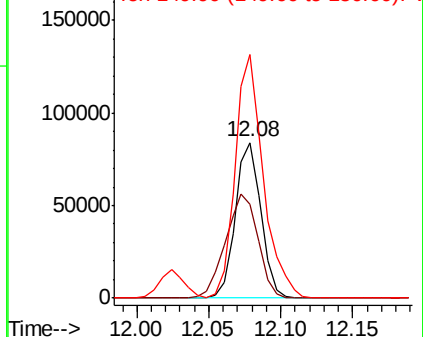
150 172.9 0.0 348.8

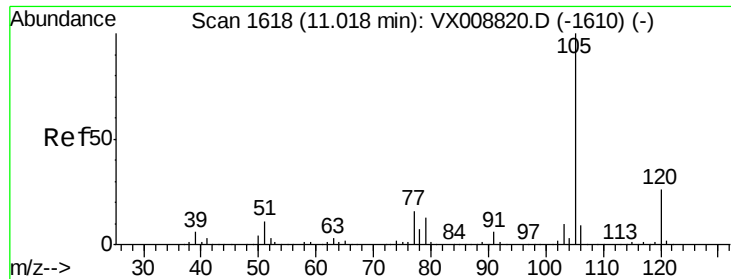


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.779 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008902.D

Acq: 12 Apr 2019 21:44

Instrument :

MSVOA_X

ClientSampleId :

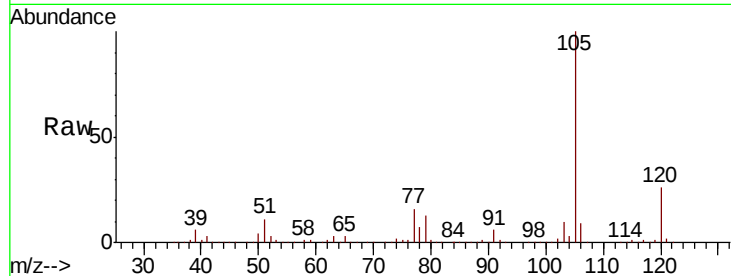
VSTDCCC050

Tot Ion:105 Resp: 436271

Ion Ratio Lower Upper

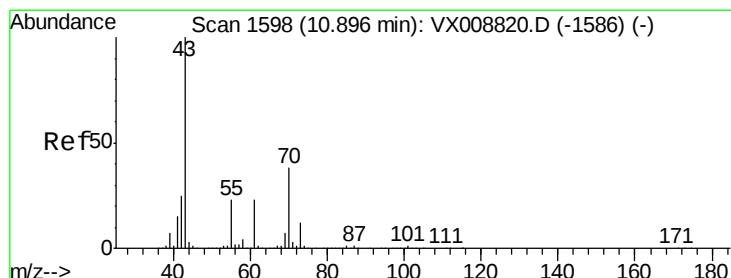
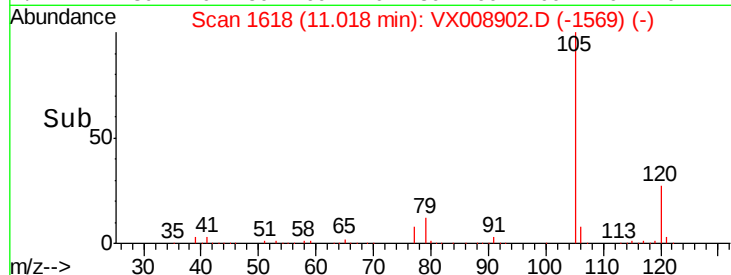
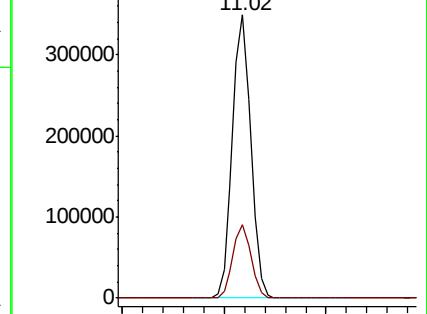
105 100

120 25.9 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.025 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008902.D

Acq: 12 Apr 2019 21:44

Tgt Ion: 43 Resp: 262972

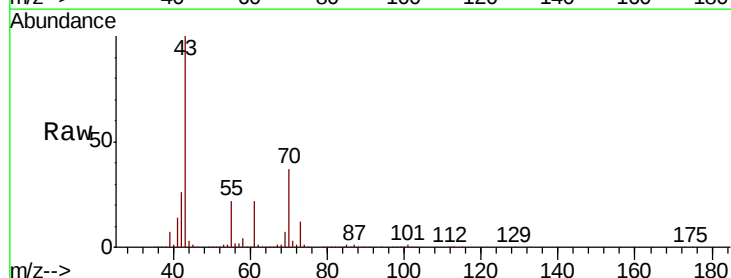
Ion Ratio Lower Upper

43 100

70 36.9 30.2 45.4

55 22.5 18.2 27.4

61 22.6 18.6 28.0

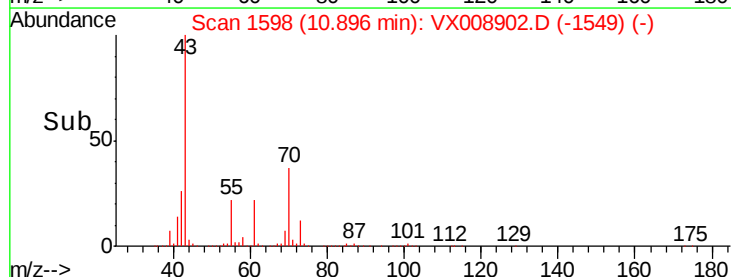
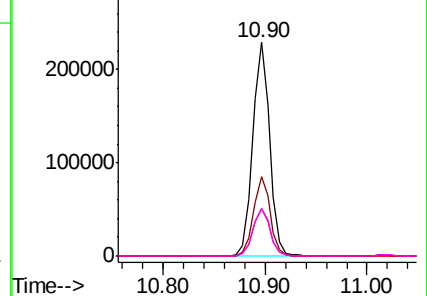


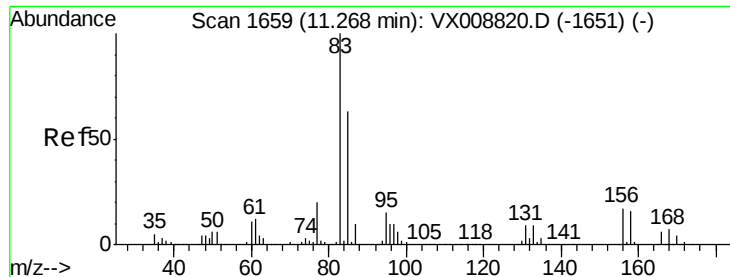
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.401 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008902.D

Acq: 12 Apr 2019 21:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

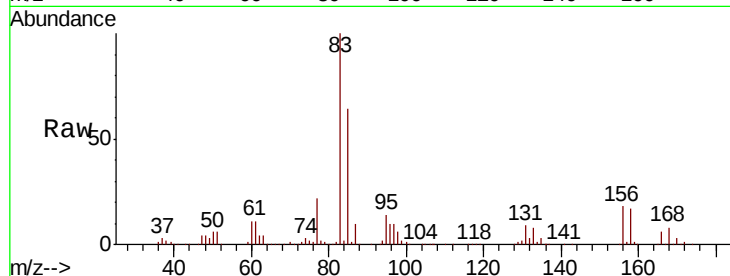
Tot Ion: 83 Resp: 158149

Ion Ratio Lower Upper

83 100

131 9.3 4.5 13.7

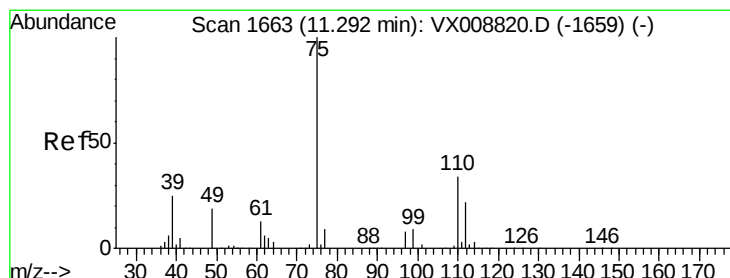
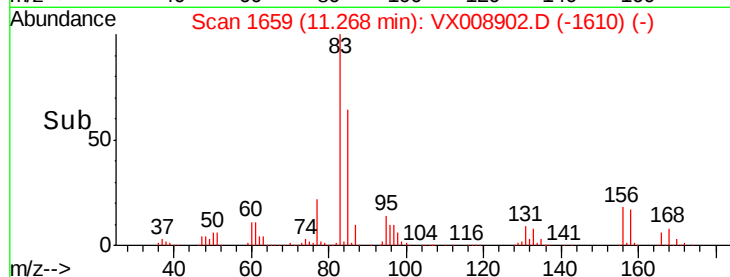
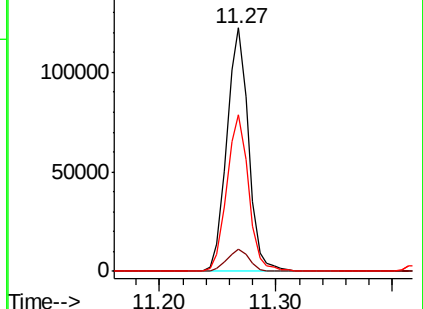
85 64.7 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX008820.D (-1651) (-)

Ion 130.80 (130.50 to 131.50): VX008820.D (-1651) (-)

Ion 84.90 (84.60 to 85.60): VX008820.D (-1651) (-)



#76

1,2,3-Trichloropropane

Concen: 66.541 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX008902.D

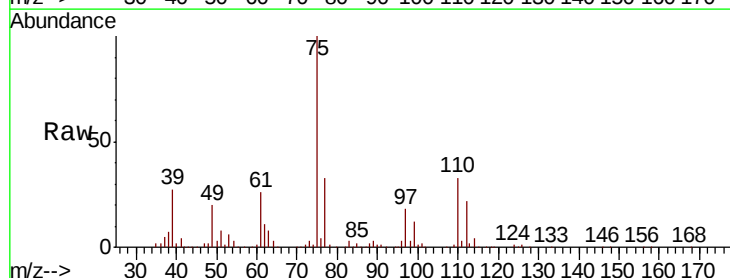
Acq: 12 Apr 2019 21:44

Tgt Ion: 75 Resp: 189506

Ion Ratio Lower Upper

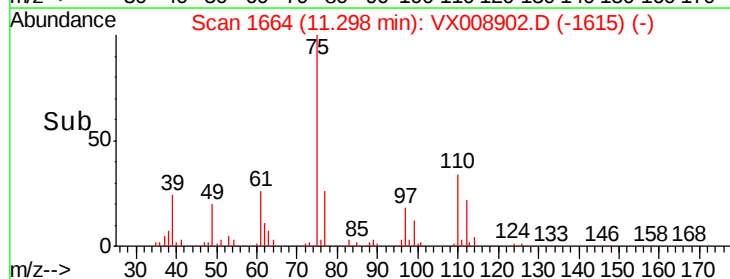
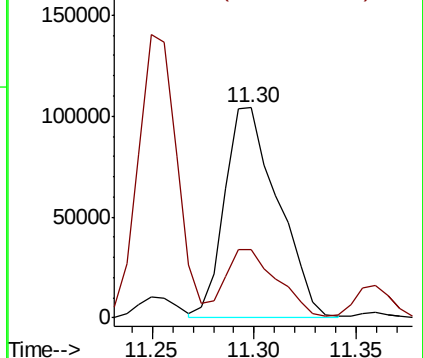
75 100

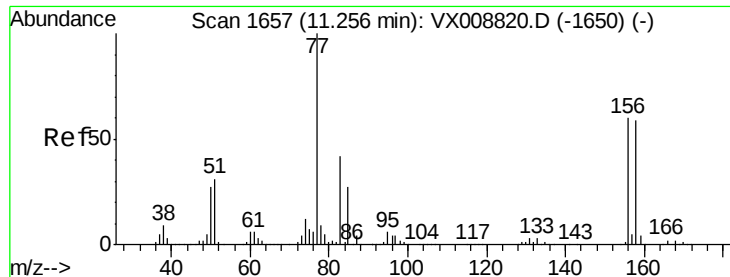
77 32.1 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX008820.D (-1659) (-)

Ion 77.00 (76.70 to 77.70): VX008820.D (-1659) (-)





#77

Bromobenzene

Concen: 51.337 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008902.D

Acq: 12 Apr 2019 21:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

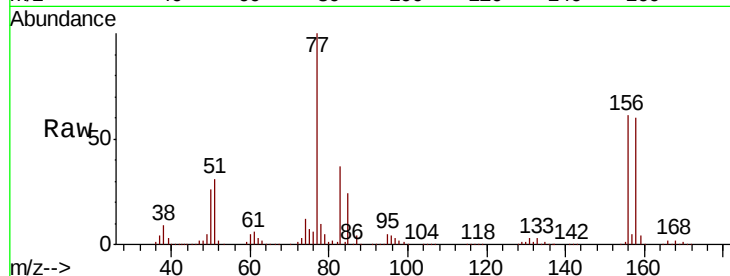
Tot Ion:156 Resp: 106031

Ion Ratio Lower Upper

156 100

77 173.9 89.8 269.6

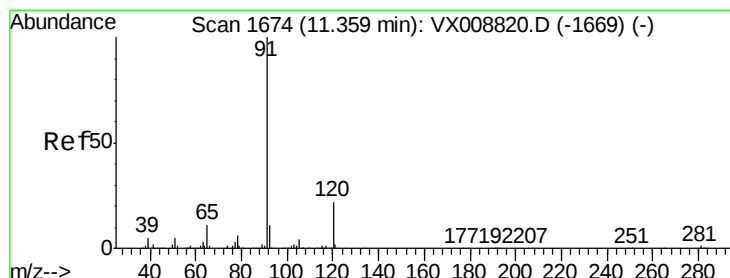
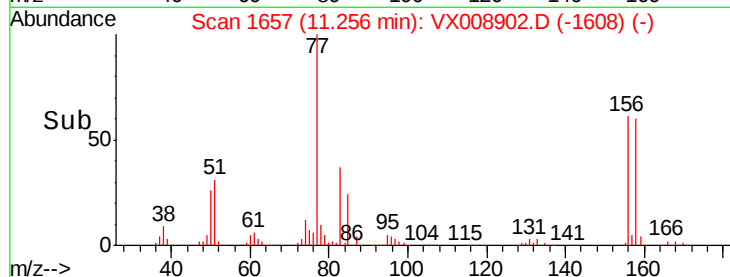
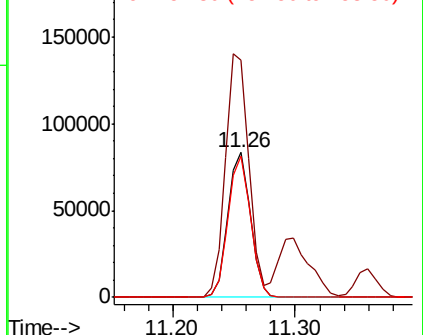
158 97.2 48.6 145.9



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: 50.190 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008902.D

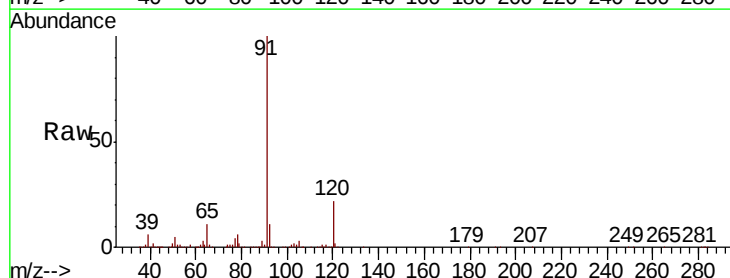
Acq: 12 Apr 2019 21:44

Tgt Ion: 91 Resp: 502082

Ion Ratio Lower Upper

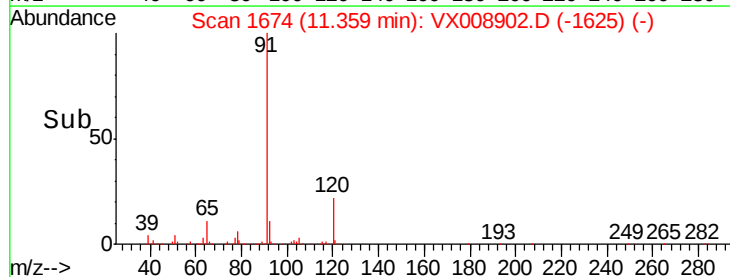
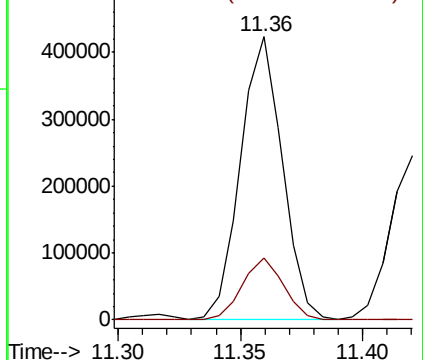
91 100

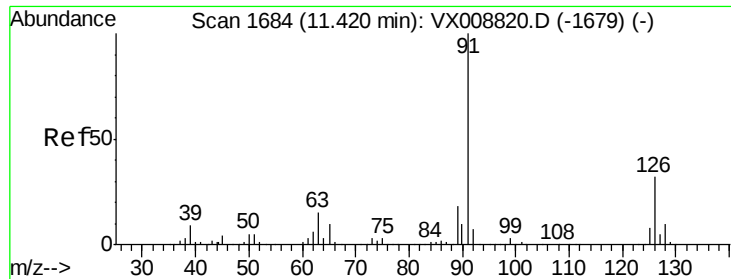
120 21.8 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

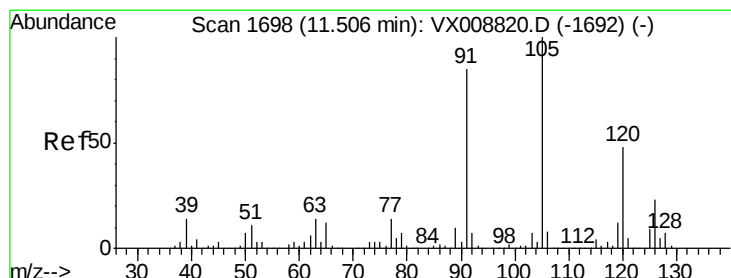
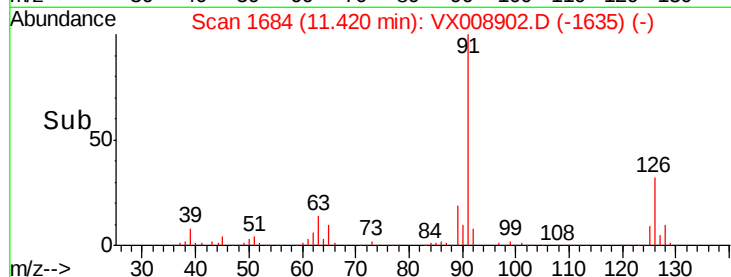
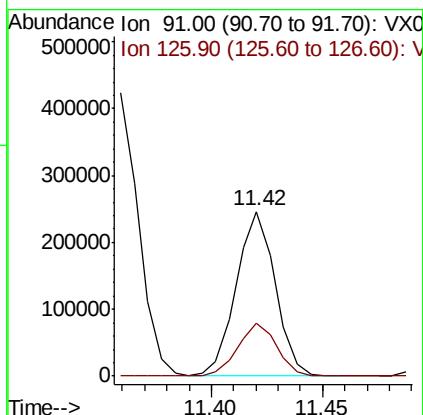
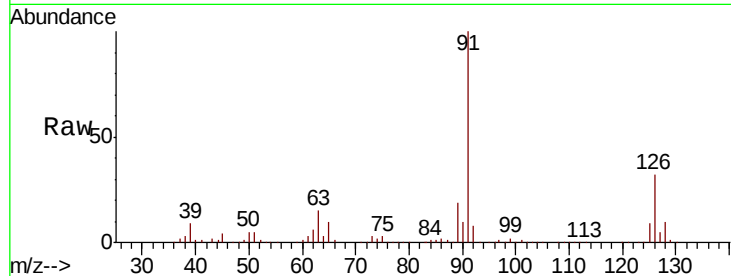




#79
 2-Chlorotoluene
 Concen: 49.537 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008902.D
 Acq: 12 Apr 2019 21:44

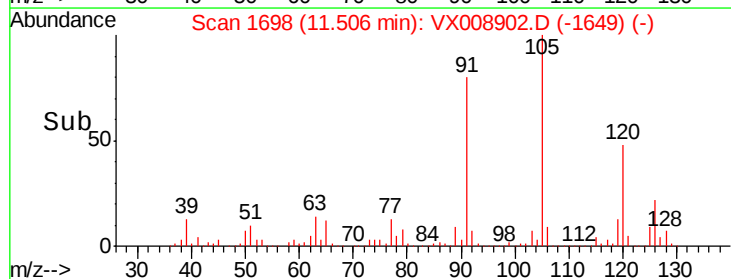
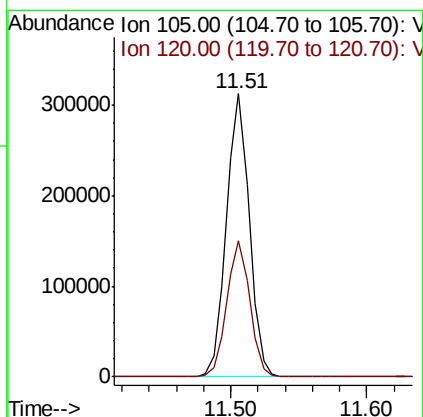
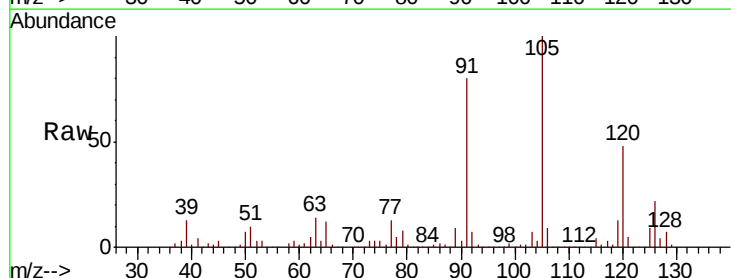
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

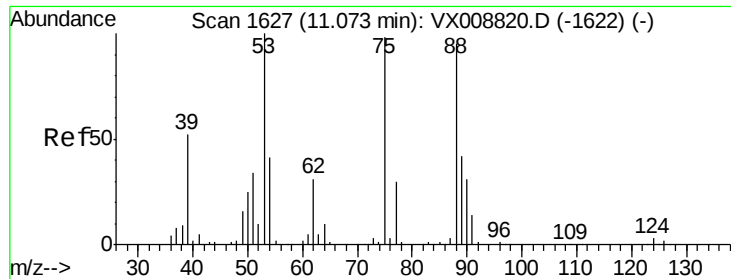
Tot Ion: 91 Resp: 299886
 Ion Ratio Lower Upper
 91 100
 126 32.2 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 50.434 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008902.D
 Acq: 12 Apr 2019 21:44

Tgt Ion: 105 Resp: 363720
 Ion Ratio Lower Upper
 105 100
 120 48.2 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 51.649 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008902.D

Acq: 12 Apr 2019 21:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

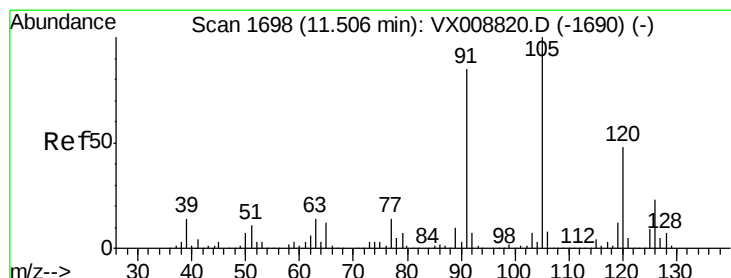
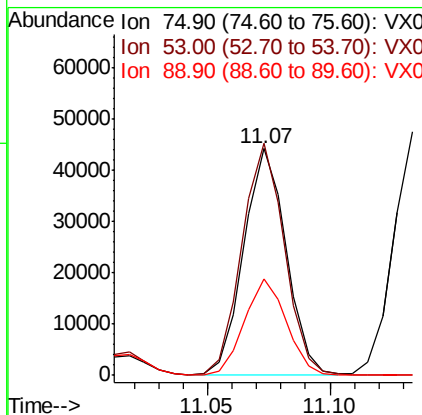
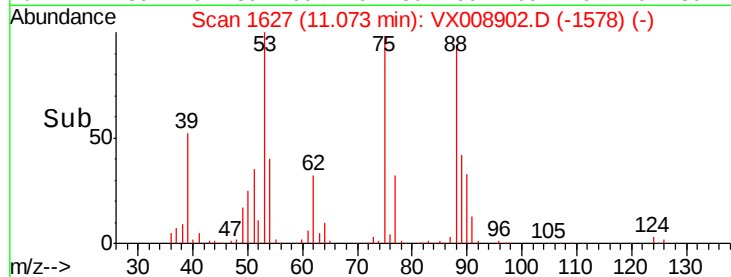
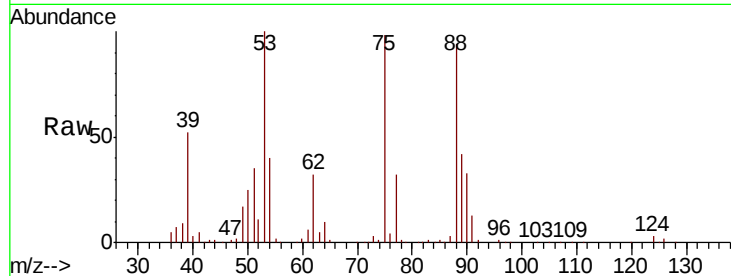
Tot Ion: 75 Resp: 53361

Ion Ratio Lower Upper

75 100

53 102.0 81.3 121.9

89 42.0 35.6 53.4



#82

4-Chlorotoluene

Concen: 48.717 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008902.D

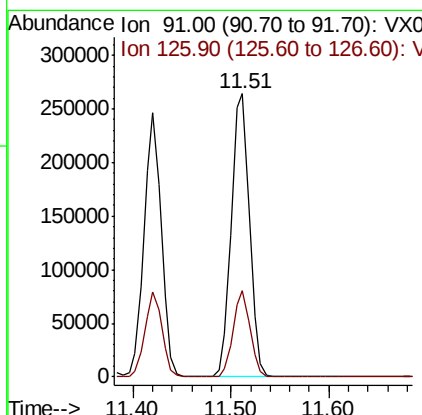
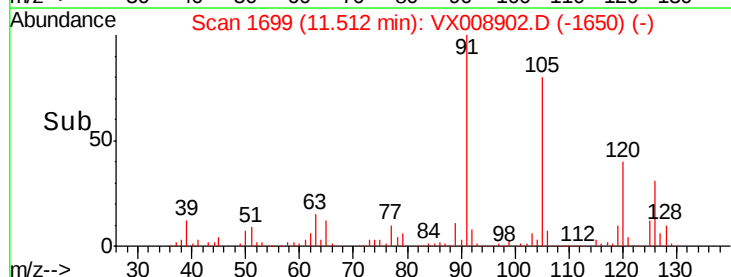
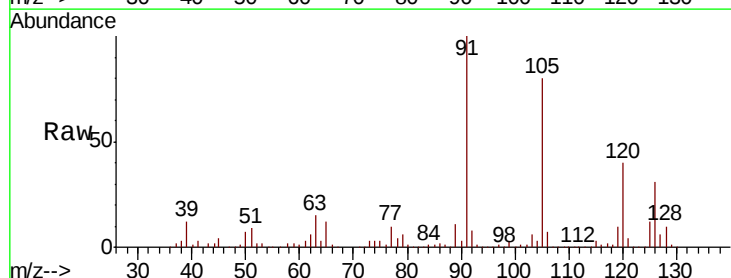
Acq: 12 Apr 2019 21:44

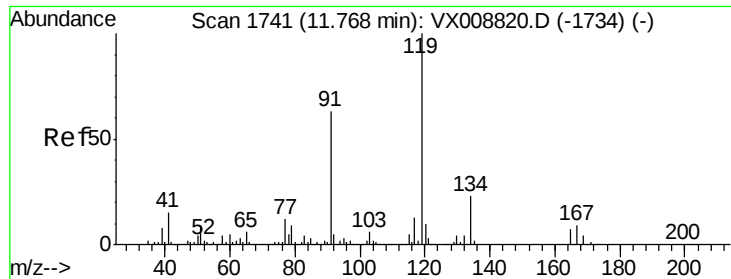
Tgt Ion: 91 Resp: 341383

Ion Ratio Lower Upper

91 100

126 28.6 13.9 41.6





#83

tert-Butylbenzene

Concen: 49.662 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX008902.D

Acq: 12 Apr 2019 21:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

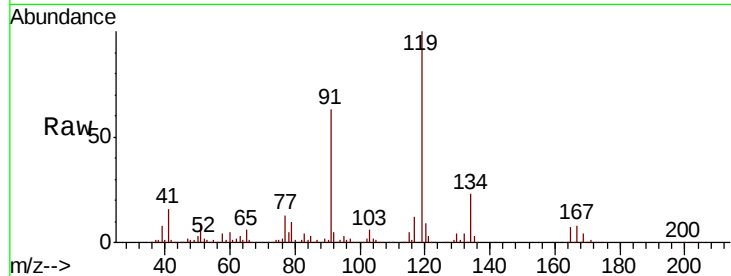
Tot Ion:119 Resp: 344569

Ion Ratio Lower Upper

119 100

91 60.0 30.0 90.1

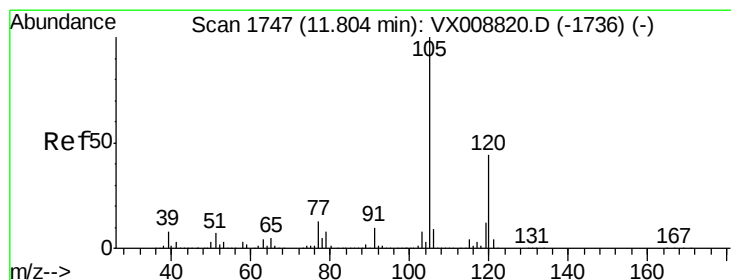
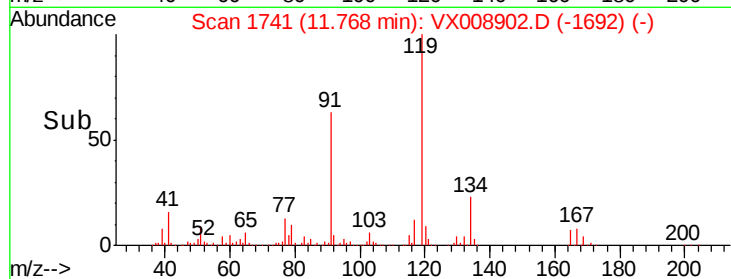
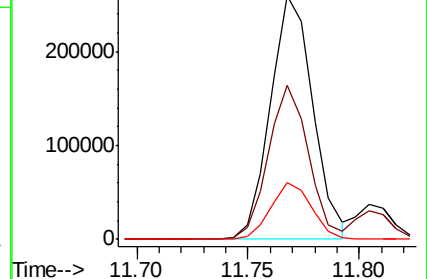
134 22.4 11.1 33.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.214 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX008902.D

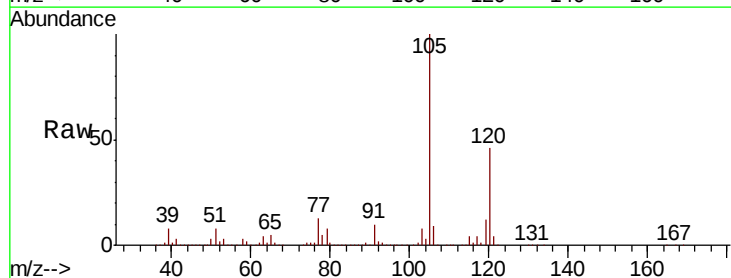
Acq: 12 Apr 2019 21:44

Tgt Ion:105 Resp: 366685

Ion Ratio Lower Upper

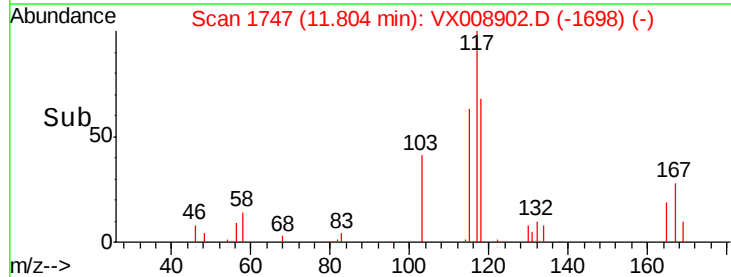
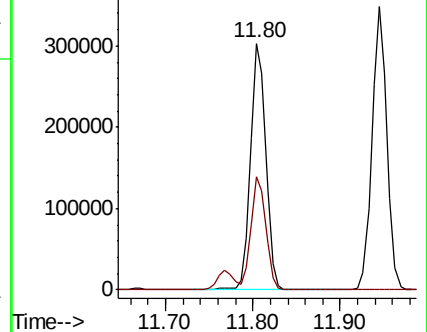
105 100

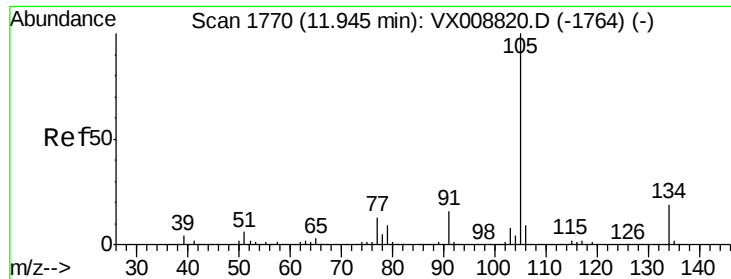
120 44.4 21.8 65.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.451 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008902.D

Acq: 12 Apr 2019 21:44

Instrument :

MSVOA_X

ClientSampleId :

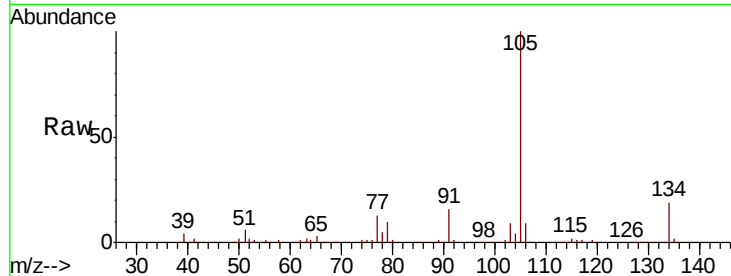
VSTDCCC050

Tot Ion:105 Resp: 415796

Ion Ratio Lower Upper

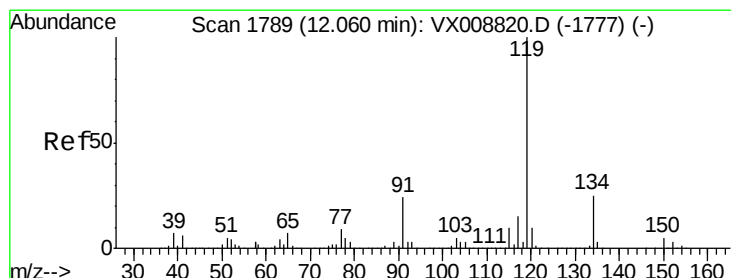
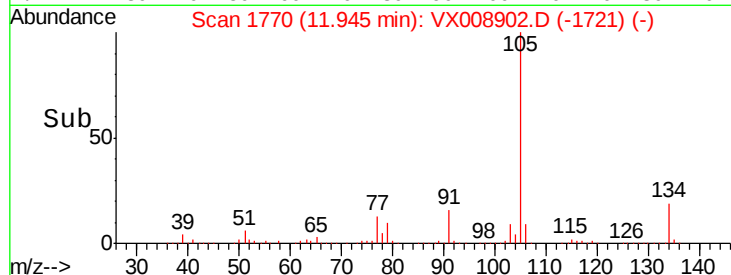
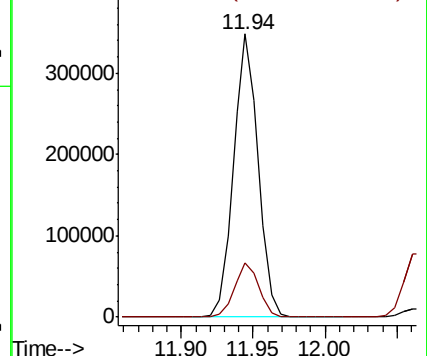
105 100

134 19.1 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.457 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008902.D

Acq: 12 Apr 2019 21:44

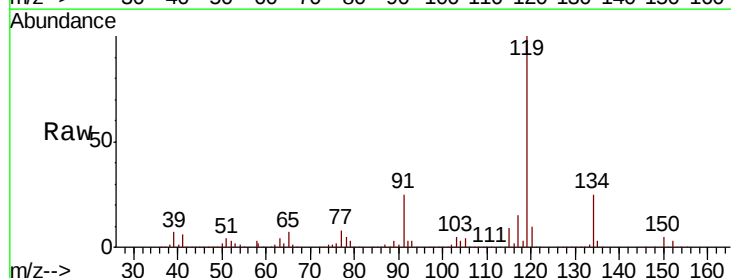
Tgt Ion:119 Resp: 373237

Ion Ratio Lower Upper

119 100

134 25.8 12.8 38.4

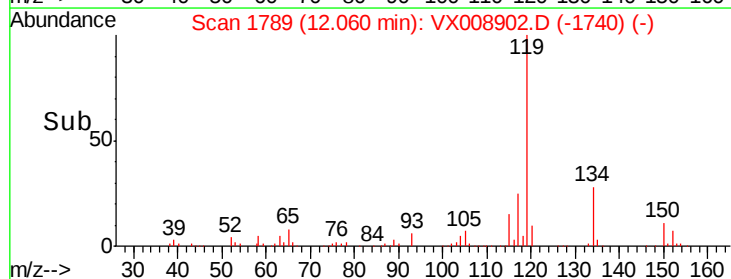
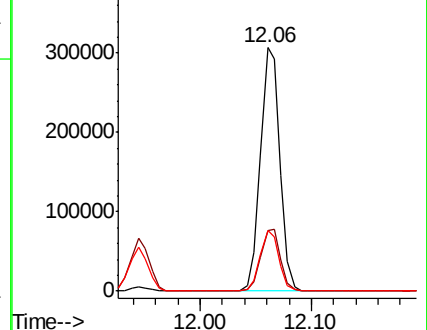
91 24.3 12.2 36.6

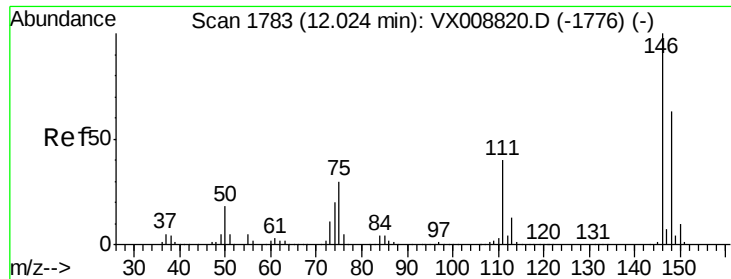


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

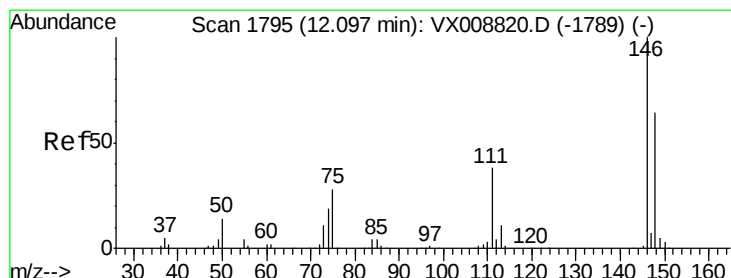
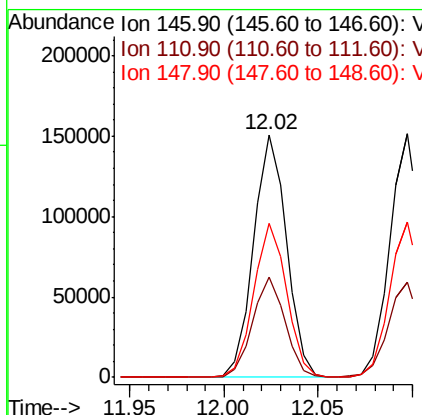
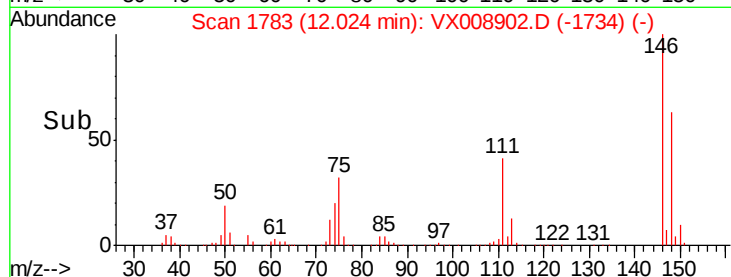
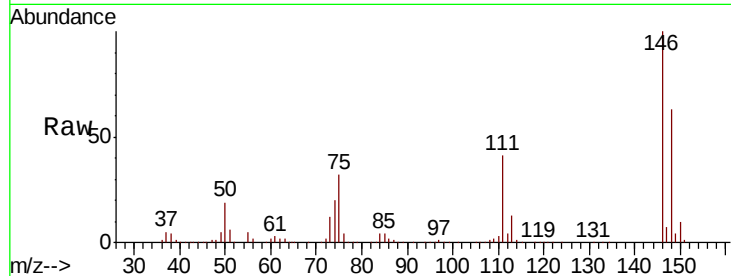




#87
 1,3-Dichlorobenzene
 Concen: 49.561 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008902.D
 Acq: 12 Apr 2019 21:44

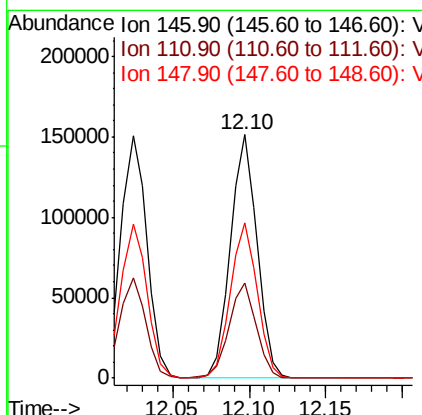
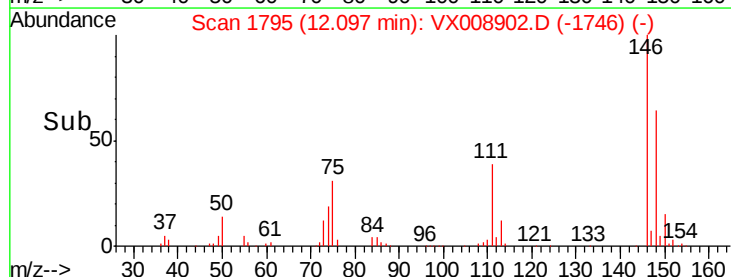
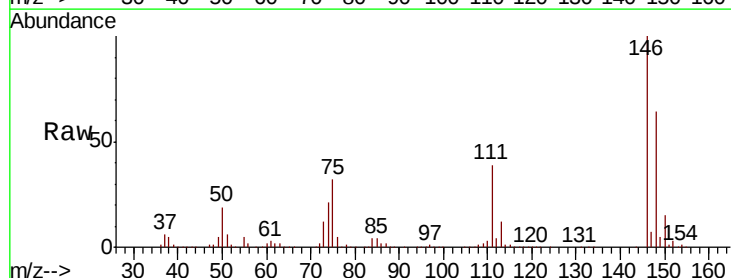
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

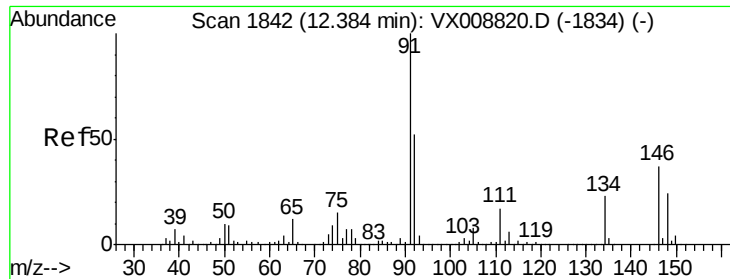
Tot Ion:146 Resp: 183254
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.5 61.5
 148 63.2 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 48.595 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008902.D
 Acq: 12 Apr 2019 21:44

Tgt Ion:146 Resp: 181950
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.2 60.6
 148 64.7 32.0 96.0





#89

n-Butylbenzene

Concen: 49.509 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008902.D

Acq: 12 Apr 2019 21:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

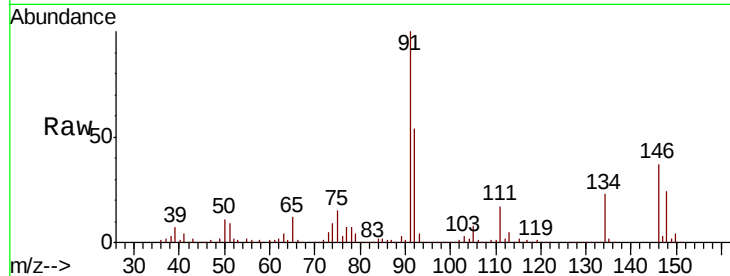
Tot Ion: 91 Resp: 343448

Ion Ratio Lower Upper

91 100

92 53.2 26.4 79.2

134 24.5 12.0 36.0

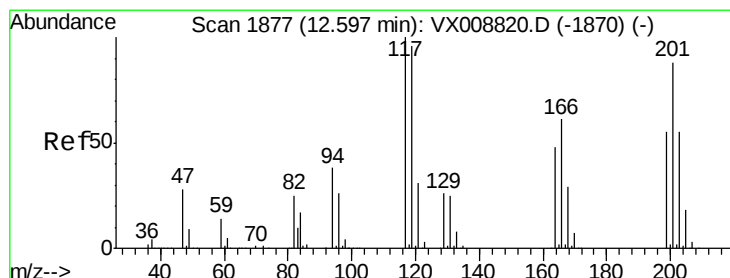
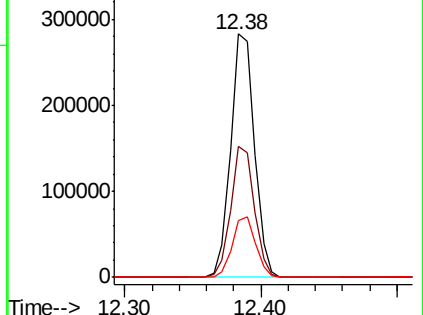
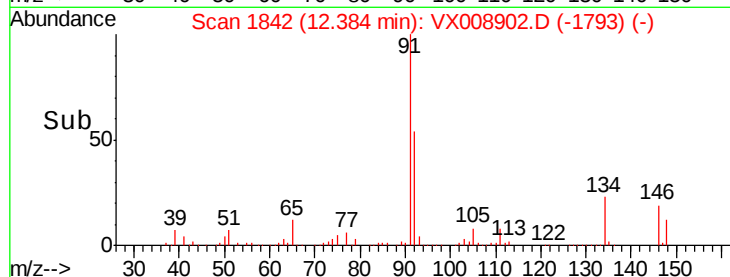


Abundance Ion 91.00 (90.70 to 91.70): VX008820.D (-1834) (-)

Ion 92.00 (91.70 to 92.70): VX008820.D (-1834) (-)

Ion 134.00 (133.70 to 134.70): VX008820.D (-1834) (-)

Time-->



#90

Hexachloroethane

Concen: 51.180 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX008902.D

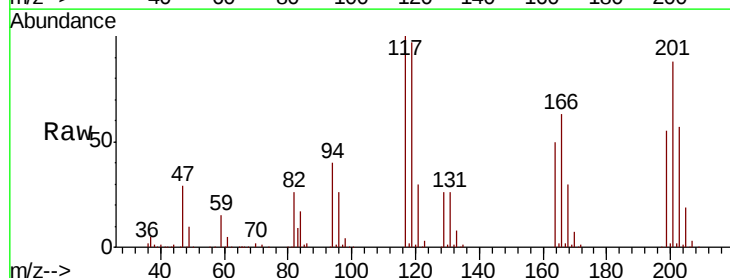
Acq: 12 Apr 2019 21:44

Tgt Ion: 117 Resp: 62792

Ion Ratio Lower Upper

117 100

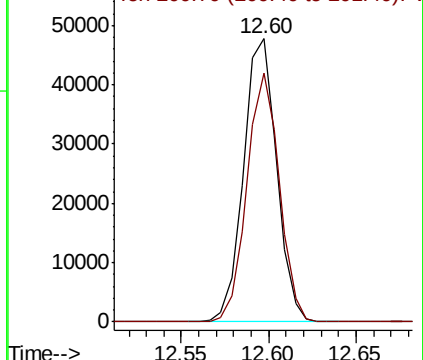
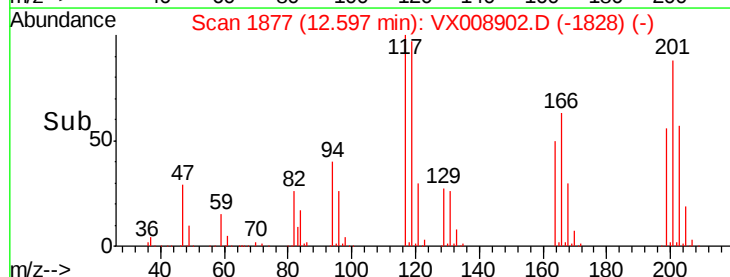
201 86.2 40.6 122.0

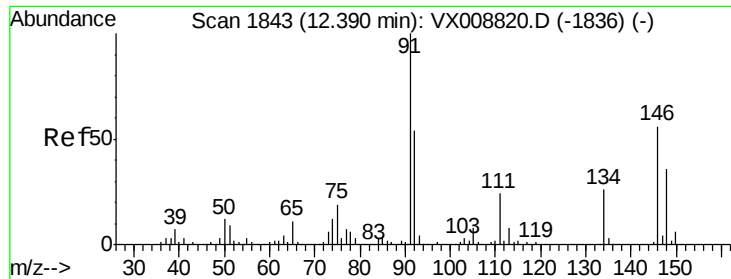


Abundance Ion 116.80 (116.50 to 117.50): VX008820.D (-1870) (-)

Ion 200.70 (200.40 to 201.40): VX008820.D (-1870) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 49.798 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008902.D

Acq: 12 Apr 2019 21:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

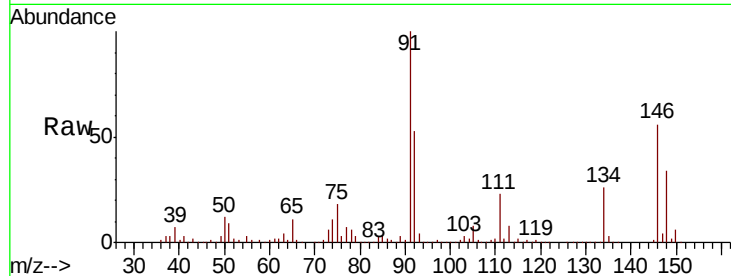
Tot Ion:146 Resp: 182818

Ion Ratio Lower Upper

146 100

111 41.5 21.3 63.9

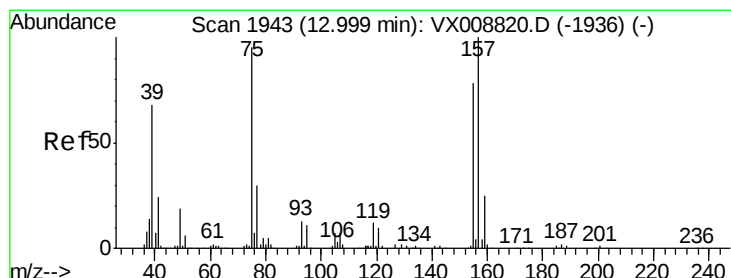
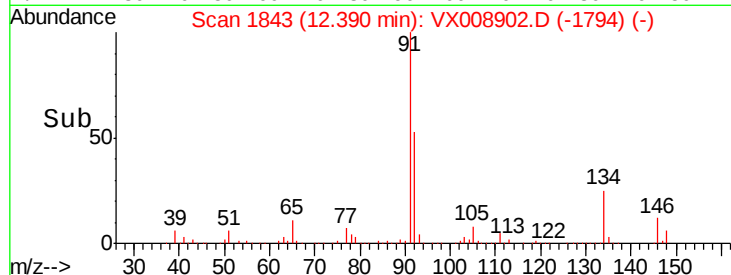
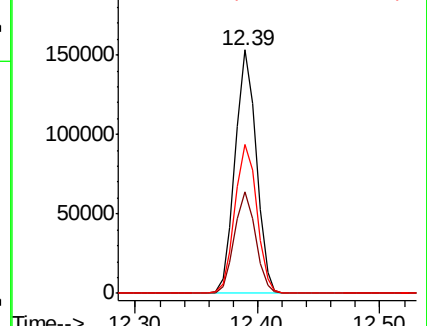
148 63.3 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.997 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008902.D

Acq: 12 Apr 2019 21:44

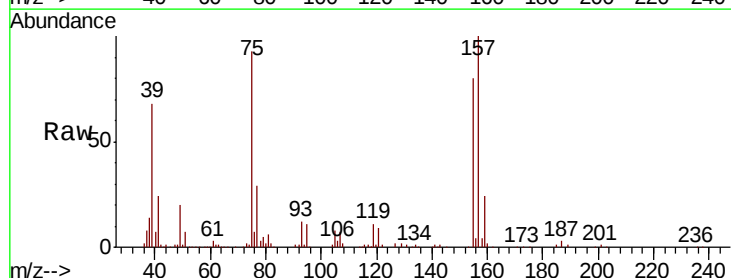
Tgt Ion: 75 Resp: 35937

Ion Ratio Lower Upper

75 100

155 82.3 39.9 119.6

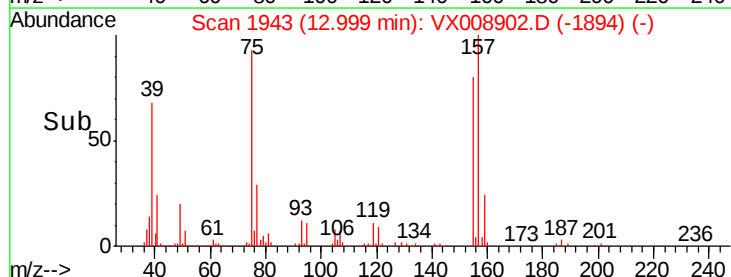
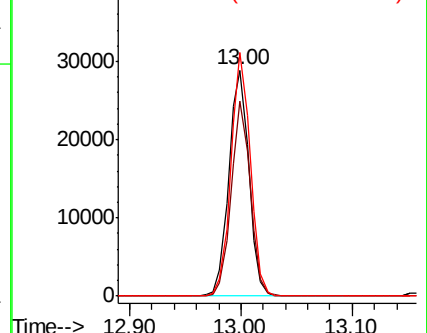
157 103.9 51.5 154.7

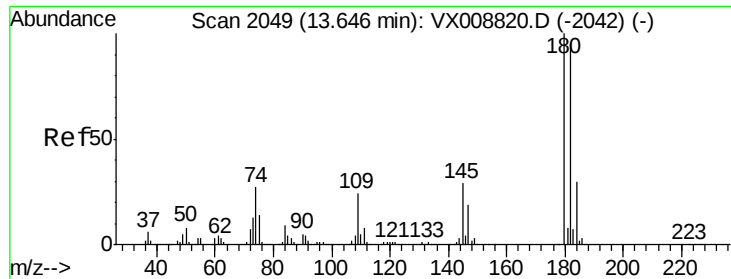


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

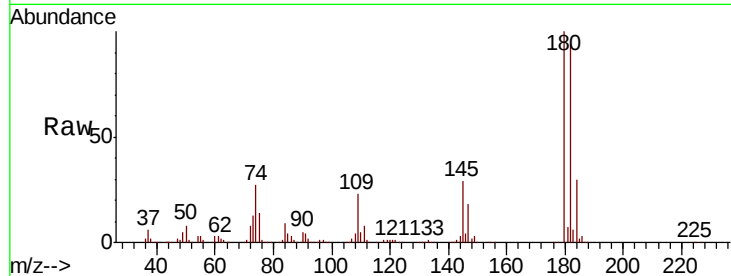




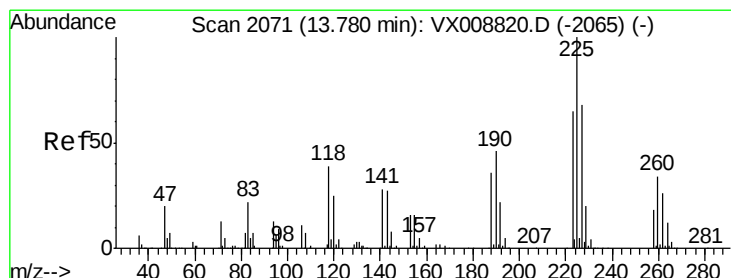
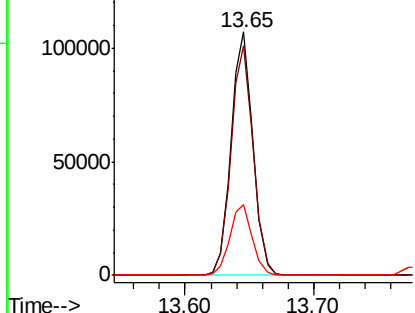
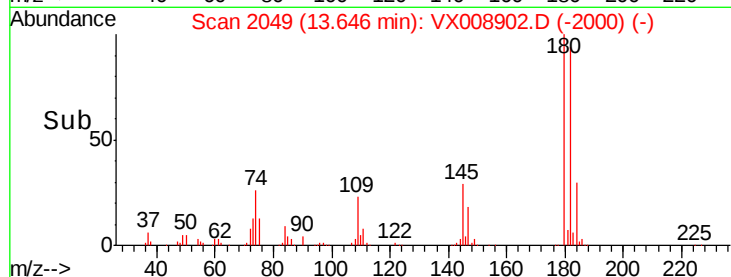
#93
 1,2,4-Trichlorobenzene
 Concen: 49.897 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008902.D
 Acq: 12 Apr 2019 21:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 127365
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.2 141.6
 145 29.5 15.3 45.9

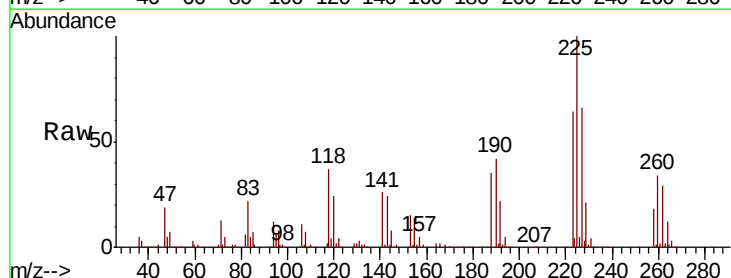


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

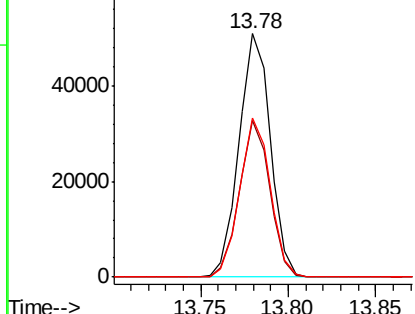
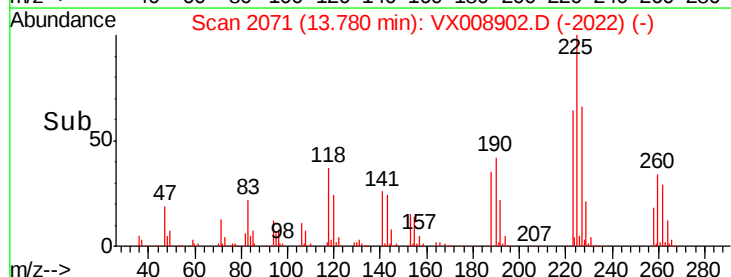


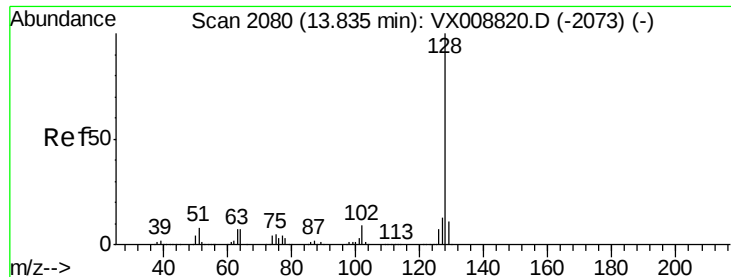
#94
 Hexachlorobutadiene
 Concen: 51.792 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008902.D
 Acq: 12 Apr 2019 21:44

Tgt Ion:225 Resp: 63402
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.2 93.6
 227 64.0 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 50.694 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008902.D

Acq: 12 Apr 2019 21:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

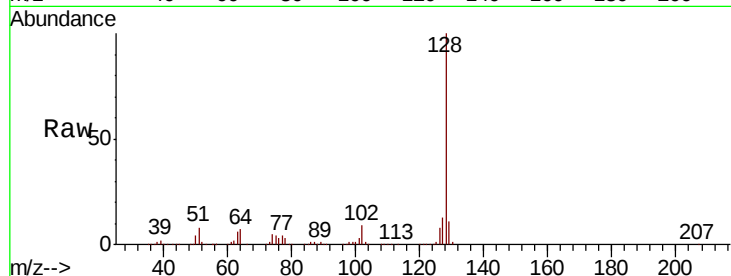
Tot Ion:128 Resp: 432478

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

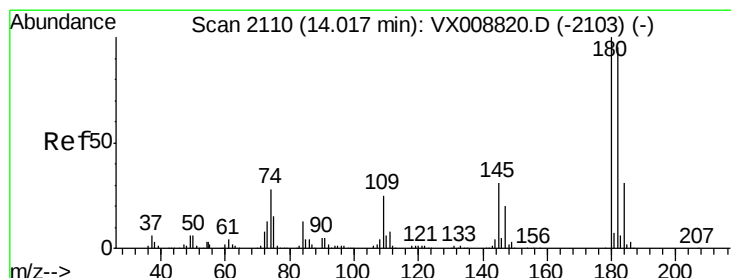
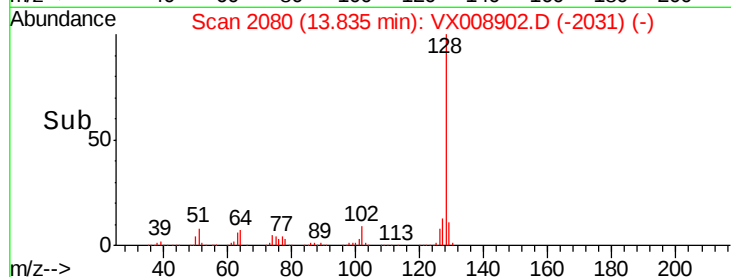
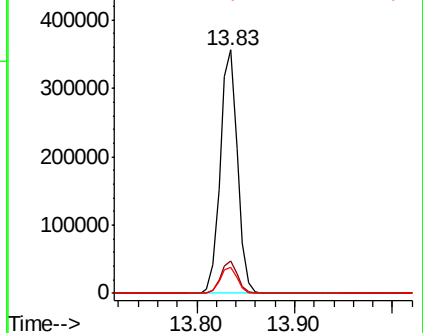
129 10.8 8.6 13.0



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: 50.903 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008902.D

Acq: 12 Apr 2019 21:44

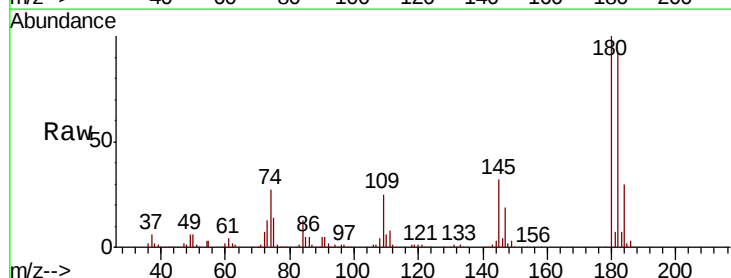
Tgt Ion:180 Resp: 129821

Ion Ratio Lower Upper

180 100

182 94.1 48.1 144.3

145 31.3 16.3 48.8



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

