

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042519\
 Data File : VX009153.D
 Acq On : 25 Apr 2019 11:10
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 29 07:07:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	215664	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	341835	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	308336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	155404	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	131827	43.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.74%	
35) Dibromofluoromethane	5.49	113	98461	44.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.76%	
50) Toluene-d8	8.71	98	391547	44.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.50%	
62) 4-Bromofluorobenzene	11.13	95	147630	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	127380	51.279	ug/l	100
3) Chloromethane	1.32	50	150892	49.479	ug/l	99
4) Vinyl Chloride	1.41	62	145256	48.938	ug/l	100
5) Bromomethane	1.64	94	87203	47.154	ug/l	99
6) Chloroethane	1.72	64	89442	51.245	ug/l	98
7) Trichlorofluoromethane	1.93	101	171519	49.494	ug/l	100
8) Diethyl Ether	2.19	74	76148	48.047	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	105856	47.775	ug/l	99
10) Methyl Iodide	2.51	142	113621	47.174	ug/l	100
11) Tert butyl alcohol	3.04	59	170321	252.459	ug/l	99
12) 1,1-Dichloroethene	2.37	96	105674	45.692	ug/l	94
13) Acrolein	2.29	56	113123	194.062	ug/l	100
14) Allyl chloride	2.73	41	256695	50.874	ug/l	99
15) Acrylonitrile	3.14	53	421015	245.837	ug/l	99
16) Acetone	2.44	43	443612	281.458	ug/l	97
17) Carbon Disulfide	2.57	76	318361	46.923	ug/l	99
18) Methyl Acetate	2.77	43	189888	48.273	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	406277	49.302	ug/l	99
20) Methylene Chloride	2.85	84	127913	47.457	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	115611	46.867	ug/l	96
22) Diisopropyl ether	3.85	45	489889	49.965	ug/l	94
23) Vinyl Acetate	3.81	43	2212275	256.683	ug/l	99
24) 1,1-Dichloroethane	3.70	63	240401	48.844	ug/l	100
25) 2-Butanone	4.67	43	657615	261.028	ug/l	100
26) 2,2-Dichloropropane	4.58	77	184959	50.134	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	134622	48.066	ug/l	98
28) Bromochloromethane	5.01	49	103492	50.649	ug/l	98
29) Tetrahydrofuran	5.12	42	407637	241.745	ug/l	99
30) Chloroform	5.21	83	217401	49.361	ug/l	99
31) Cyclohexane	5.57	56	241486	49.885	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	181717	49.781	ug/l	100
36) 1,1-Dichloropropene	5.80	75	171983	48.647	ug/l	99
37) Ethyl Acetate	4.83	43	233818	51.398	ug/l	99
38) Carbon Tetrachloride	5.78	117	154860	51.669	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	224401	52.133	ug/l	100
40) Benzene	6.14	78	520951	49.950	ug/l	100
41) Methacrylonitrile	5.04	41	131495	50.364	ug/l	99
42) 1,2-Dichloroethane	6.19	62	184199	49.858	ug/l	99
43) Isopropyl Acetate	6.44	43	375533	51.226	ug/l	99
44) Trichloroethene	7.21	130	124566	48.746	ug/l	99
45) 1,2-Dichloropropane	7.51	63	146715	50.707	ug/l	99
46) Dibromomethane	7.66	93	83417	49.539	ug/l	99
47) Bromodichloromethane	7.90	83	171183	51.831	ug/l	99
48) Methyl methacrylate	7.76	41	187521	51.768	ug/l	99
49) 1,4-Dioxane	7.74	88	69008	1017.844	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1217288	260.640	ug/l	99
52) Toluene	8.78	92	315307	50.445	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	201432	52.995	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	223680	52.556	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	125567	50.688	ug/l	99
56) Ethyl methacrylate	9.18	69	232927	52.438	ug/l	98
57) 1,3-Dichloropropane	9.37	76	224227	50.836	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	667853	279.202	ug/l	99
59) 2-Hexanone	9.49	43	970045	269.400	ug/l	99
60) Dibromochloromethane	9.58	129	126219	53.162	ug/l	100
61) 1,2-Dibromoethane	9.67	107	129908	50.810	ug/l	99
64) Tetrachloroethene	9.33	164	112826	48.167	ug/l	96
65) Chlorobenzene	10.13	112	326517	50.170	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	116402	50.770	ug/l	100
67) Ethyl Benzene	10.25	91	614374	51.640	ug/l	99
68) m/p-Xylenes	10.35	106	449244	103.902	ug/l	100
69) o-Xylene	10.69	106	216491	51.459	ug/l	98
70) Styrene	10.71	104	383064	52.543	ug/l	99
71) Bromoform	10.85	173	96781	52.985	ug/l #	98
73) Isopropylbenzene	11.02	105	585427	49.699	ug/l	100
74) N-amyl acetate	10.90	43	347672	51.404	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	209647	48.710	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	253476	66.798	ug/l	79
77) Bromobenzene	11.26	156	141638	47.657	ug/l	98
78) n-propylbenzene	11.36	91	697498	51.590	ug/l	100
79) 2-Chlorotoluene	11.42	91	402888	49.451	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	504225	51.010	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	75464	51.055	ug/l	98
82) 4-Chlorotoluene	11.51	91	474633	50.162	ug/l	100
83) tert-Butylbenzene	11.77	119	478785	50.450	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	505466	50.235	ug/l	100
85) sec-Butylbenzene	11.94	105	586527	51.819	ug/l	100
86) p-Isopropyltoluene	12.06	119	531566	51.081	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	259148	49.819	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	260696	49.439	ug/l	100
89) n-Butylbenzene	12.38	91	509657	52.588	ug/l	100
90) Hexachloroethane	12.60	117	88613	51.623	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	257723	50.174	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	50106	51.131	ug/l	100

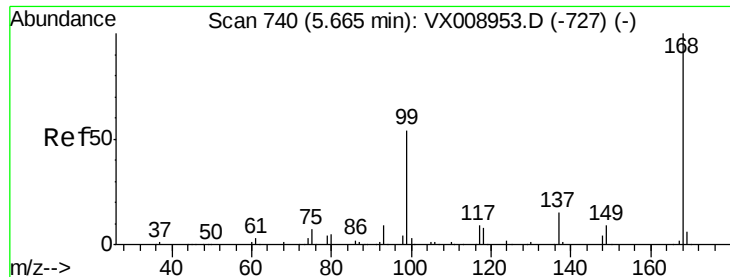
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	196092	52.885	ug/l	99
94) Hexachlorobutadiene	13.78	225	97409	52.673	ug/l	99
95) Naphthalene	13.83	128	617004	51.939	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	194848	53.259	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009153.D

Acq: 25 Apr 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

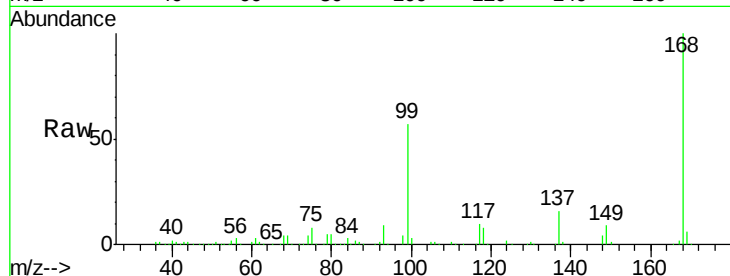
VSTDCCC050

Tot Ion:168 Resp: 215664

Ion Ratio Lower Upper

168 100

99 56.6 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

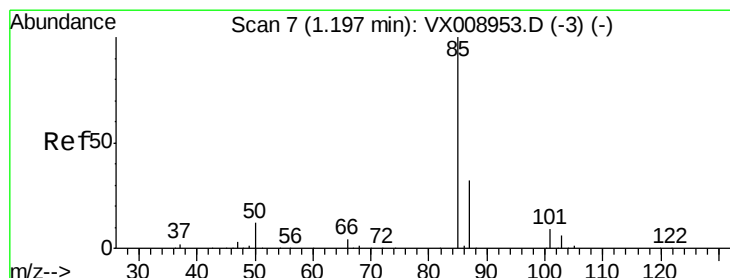
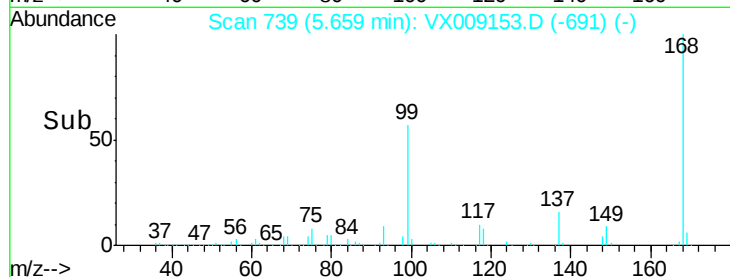
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 51.279 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009153.D

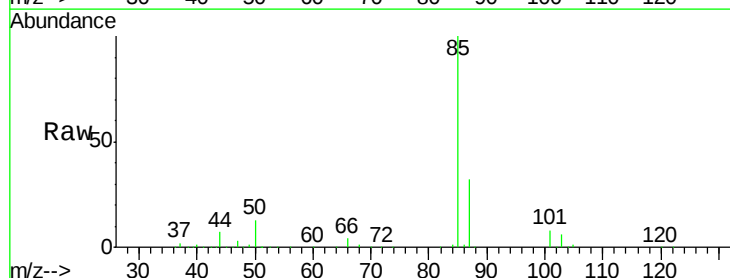
Acq: 25 Apr 2019 11:10

Tgt Ion: 85 Resp: 127380

Ion Ratio Lower Upper

85 100

87 32.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

60000

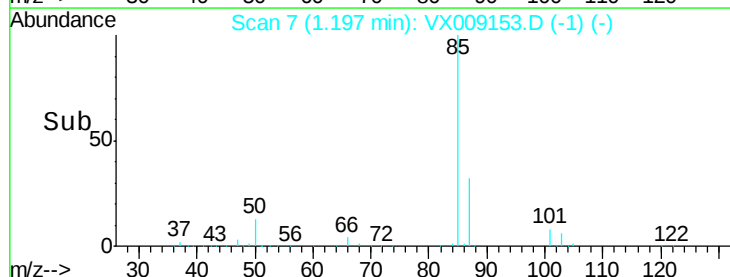
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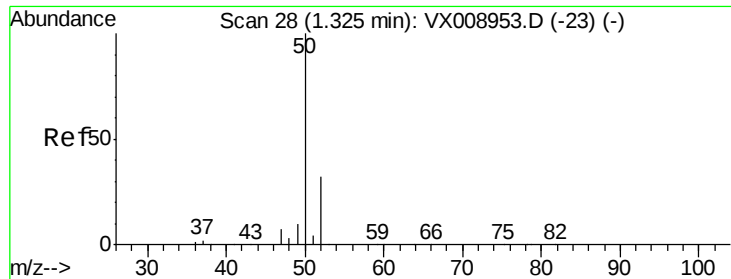
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 49.479 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009153.D

Acq: 25 Apr 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

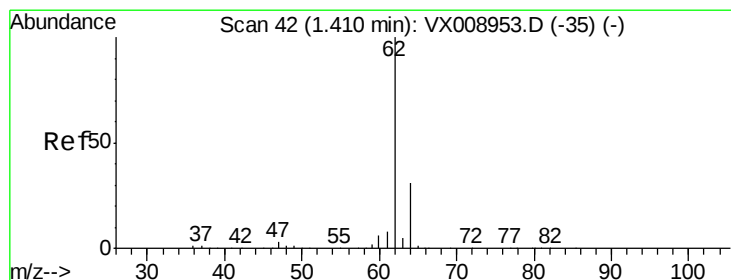
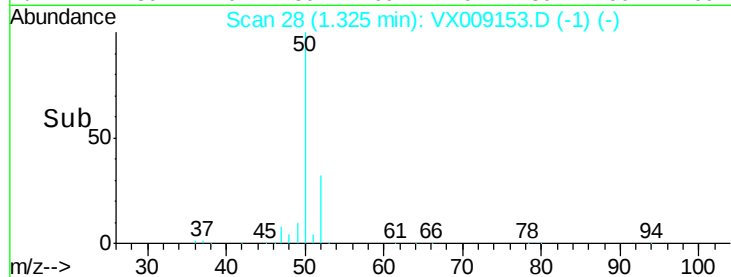
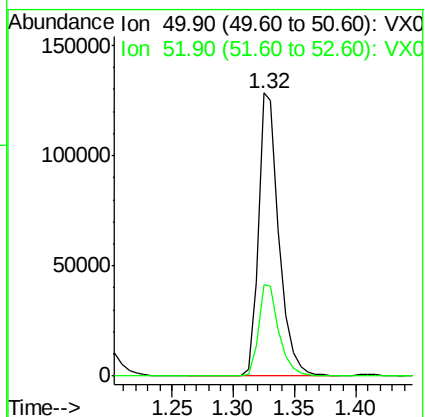
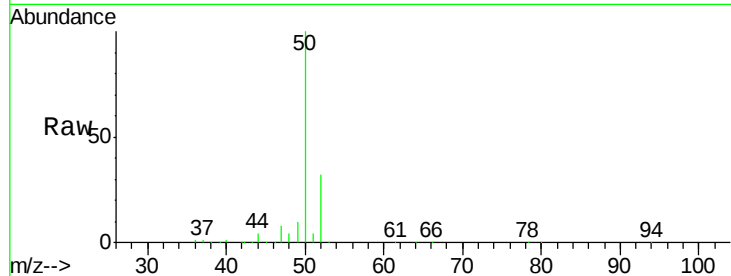
VSTDCCC050

Tot Ion: 50 Resp: 150892

Ion Ratio Lower Upper

50 100

52 32.4 25.5 38.3



#4

Vinyl Chloride

Concen: 48.938 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009153.D

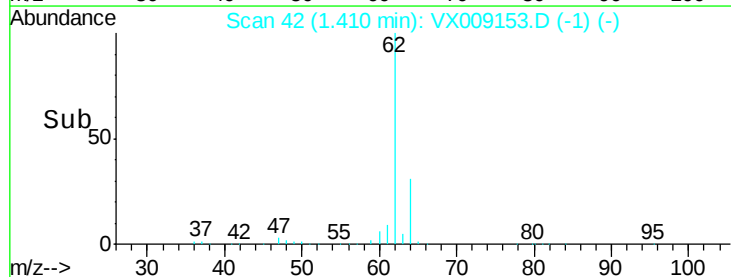
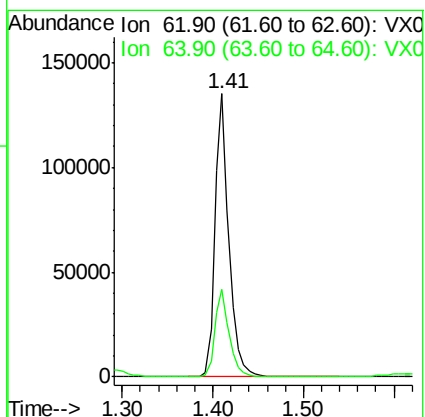
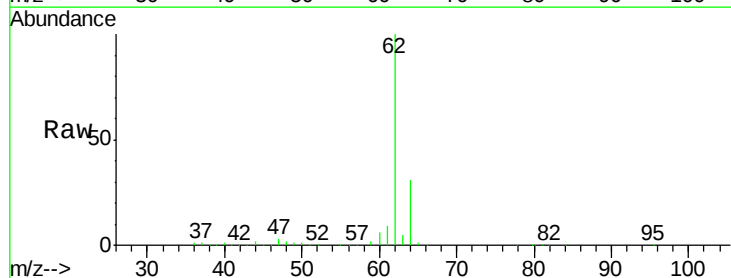
Acq: 25 Apr 2019 11:10

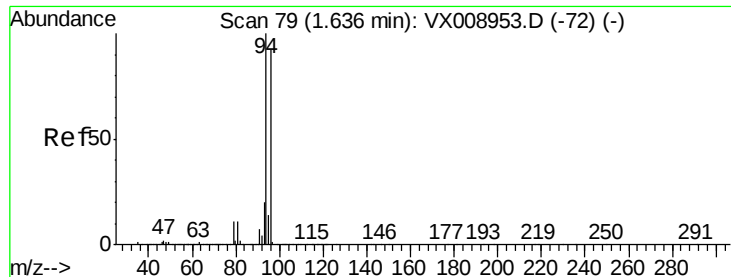
Tgt Ion: 62 Resp: 145256

Ion Ratio Lower Upper

62 100

64 31.0 25.0 37.4





#5

Bromomethane

Concen: 47.154 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX009153.D

Acq: 25 Apr 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

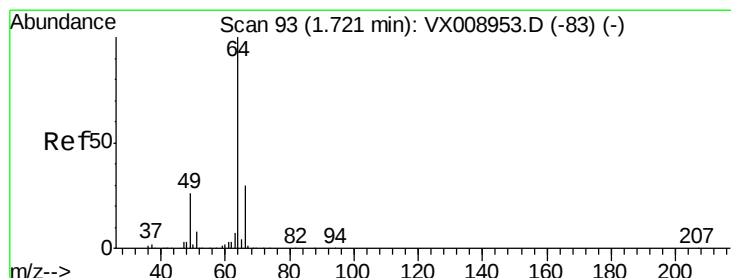
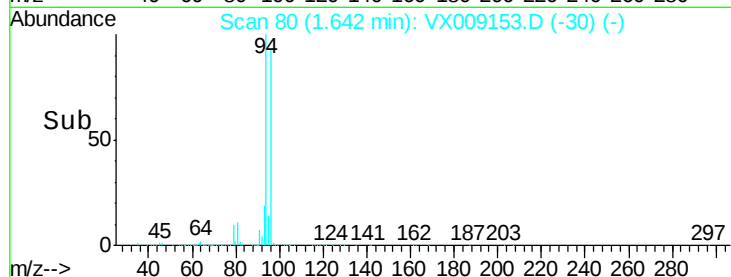
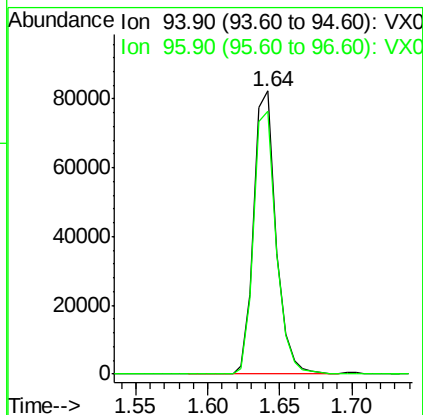
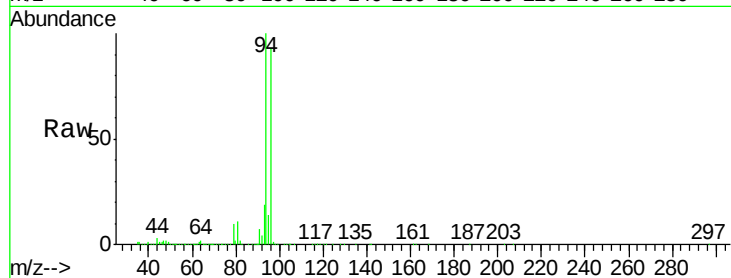
VSTDCCC050

Tot Ion: 94 Resp: 87203

Ion Ratio Lower Upper

94 100

96 93.0 73.9 110.9



#6

Chloroethane

Concen: 51.245 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX009153.D

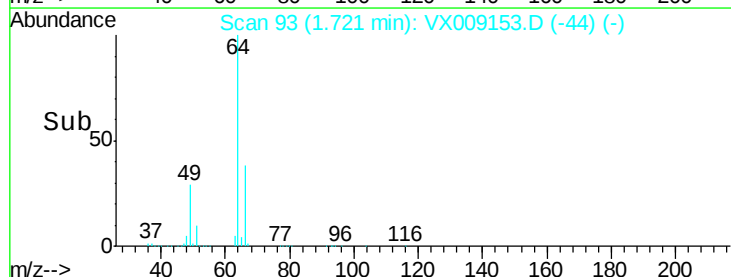
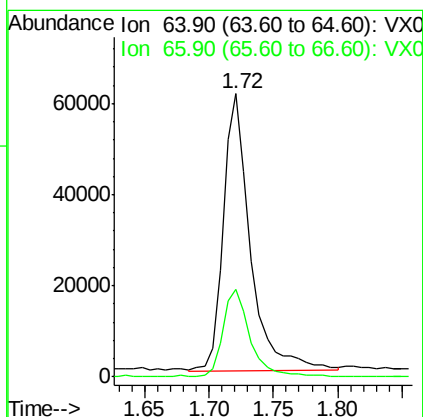
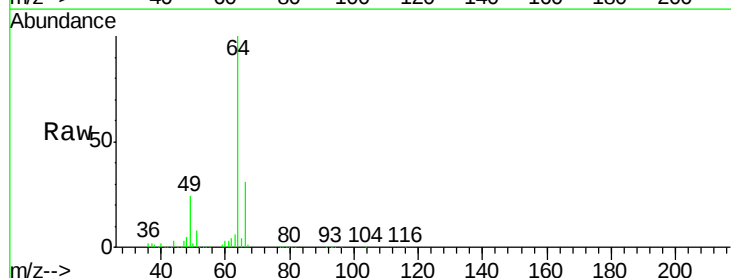
Acq: 25 Apr 2019 11:10

Tgt Ion: 64 Resp: 89442

Ion Ratio Lower Upper

64 100

66 31.5 24.2 36.2



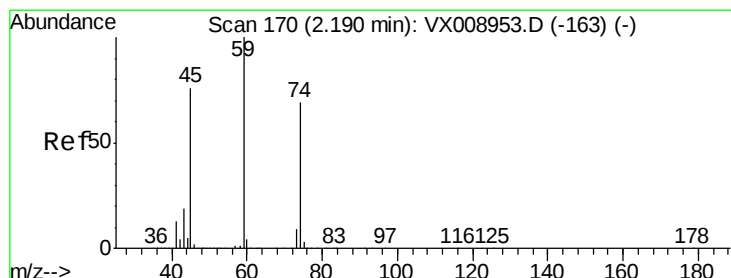
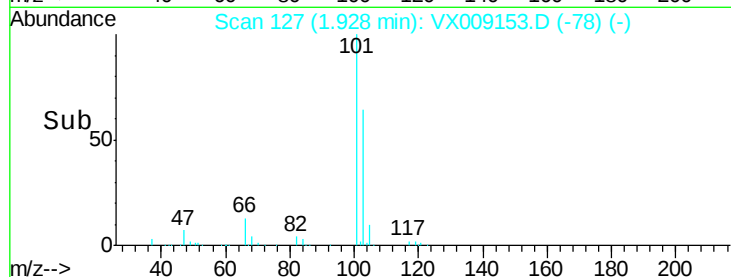
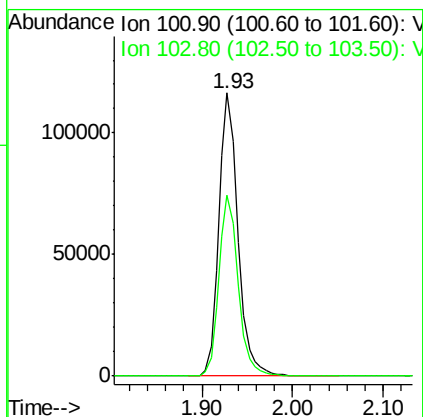
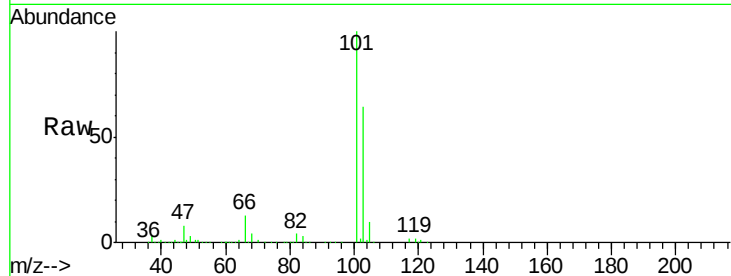


#7

Trichlorofluoromethane
 Concen: 49.494 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX009153.D
 Acq: 25 Apr 2019 11:10

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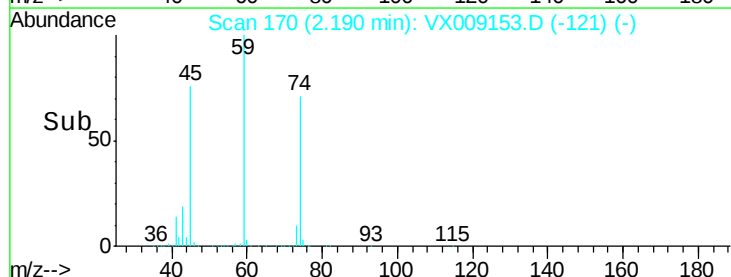
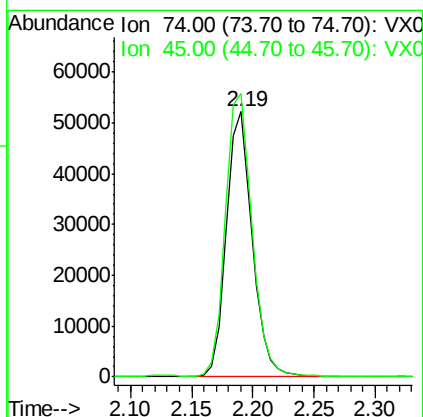
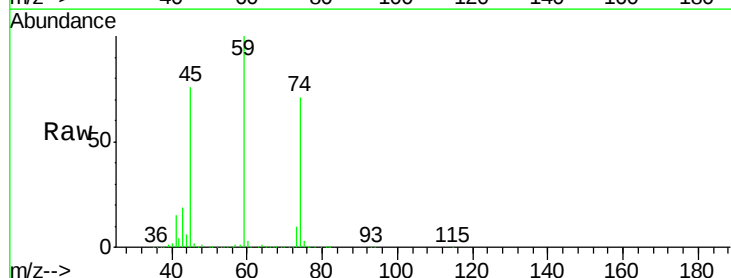
Tot Ion:101 Resp: 171519
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.0 76.6



#8

Diethyl Ether
 Concen: 48.047 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX009153.D
 Acq: 25 Apr 2019 11:10

Tgt Ion: 74 Resp: 76148
 Ion Ratio Lower Upper
 74 100
 45 110.2 54.9 164.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.775 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX009153.D

Acq: 25 Apr 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

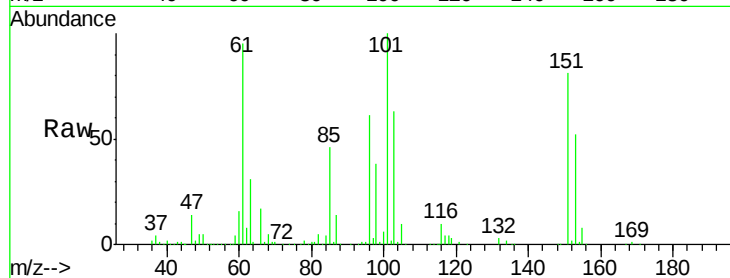
Tot Ion:101 Resp: 105856

Ion Ratio Lower Upper

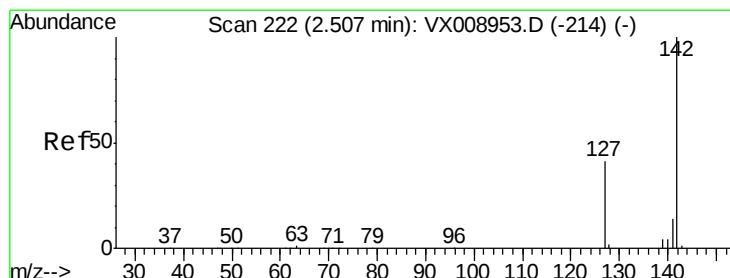
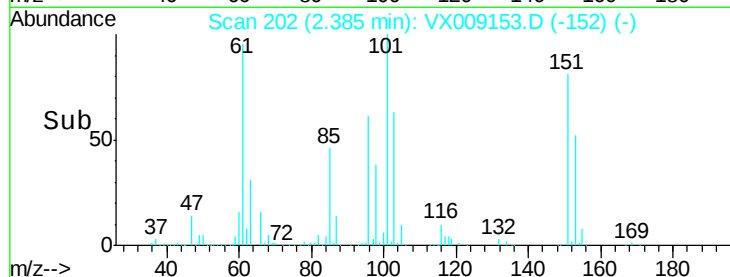
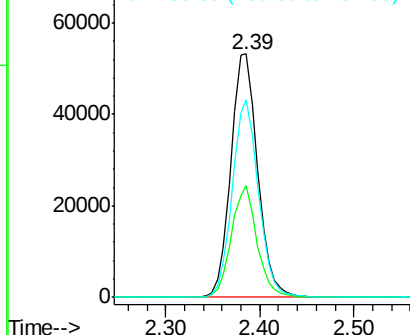
101 100

85 43.7 35.7 53.5

151 79.2 62.7 94.1



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.174 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009153.D

Acq: 25 Apr 2019 11:10

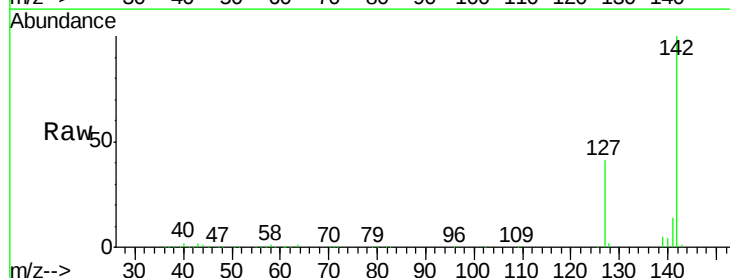
Tgt Ion:142 Resp: 113621

Ion Ratio Lower Upper

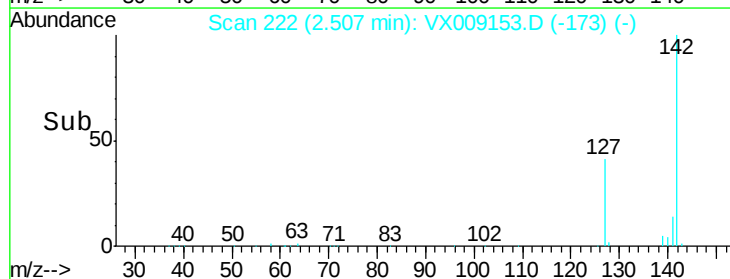
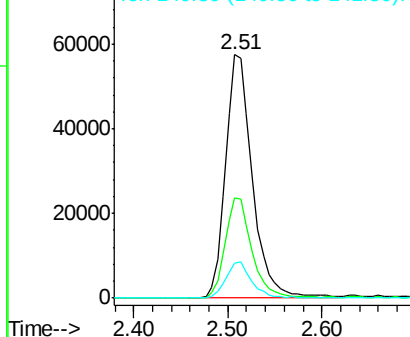
142 100

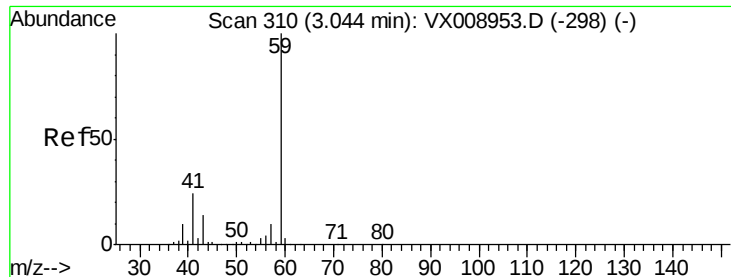
127 41.0 32.8 49.2

141 14.3 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

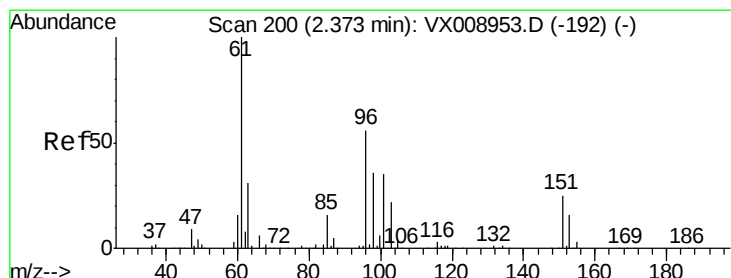
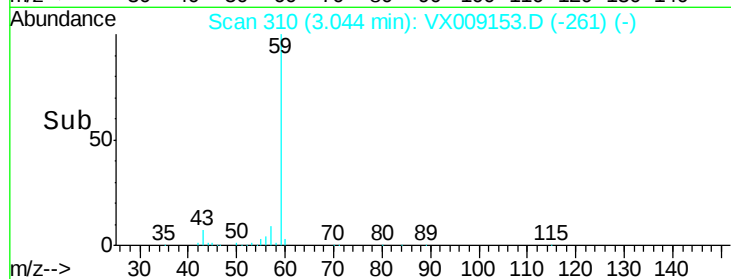
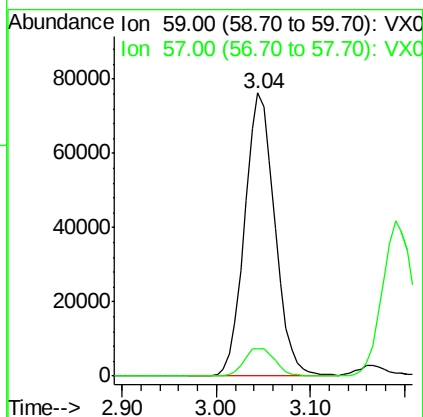
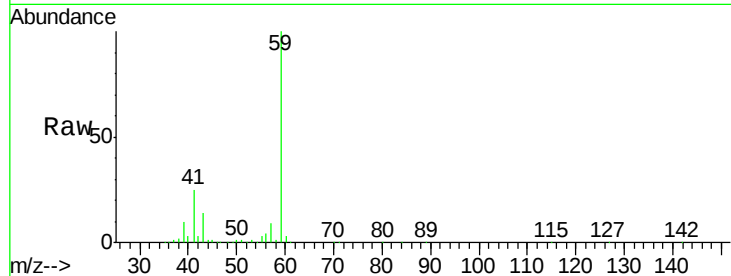




#11
Tert butyl alcohol
Concen: 252.459 ug/l
RT: 3.04 min Scan# 310
Delta R.T. 0.00 min
Lab File: VX009153.D
Acq: 25 Apr 2019 11:10

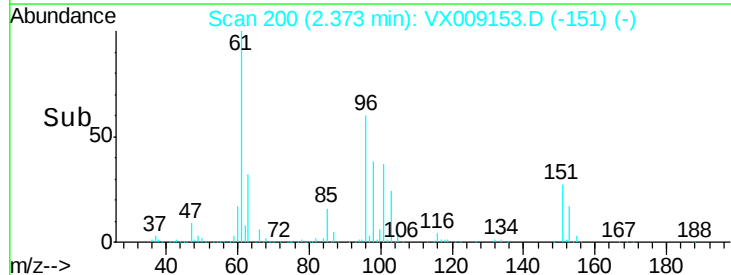
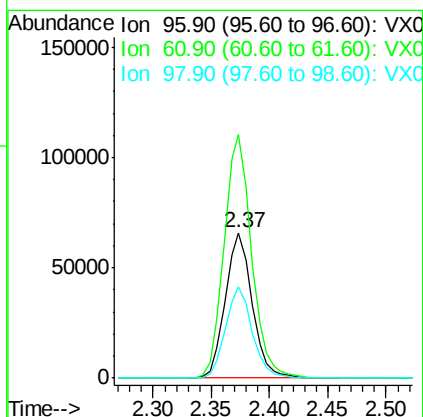
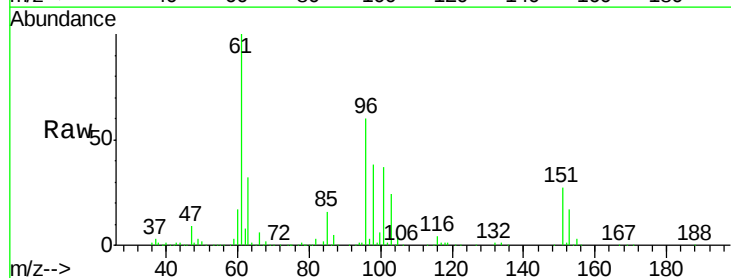
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

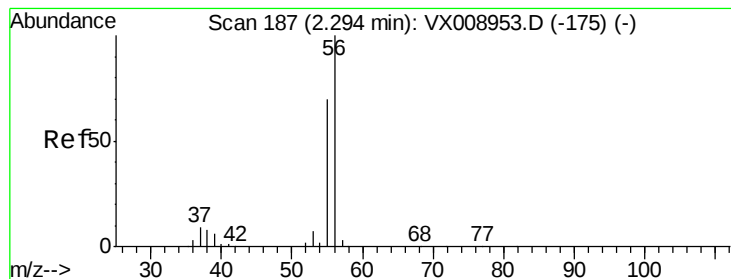
Tot Ion: 59 Resp: 170321
Ion Ratio Lower Upper
59 100
57 10.2 8.4 12.6



#12
1,1-Dichloroethene
Concen: 45.692 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX009153.D
Acq: 25 Apr 2019 11:10

Tgt Ion: 96 Resp: 105674
Ion Ratio Lower Upper
96 100
61 167.0 142.2 213.2
98 62.8 50.9 76.3





#13

Acrolein

Concen: 194.062 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009153.D

Acq: 25 Apr 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

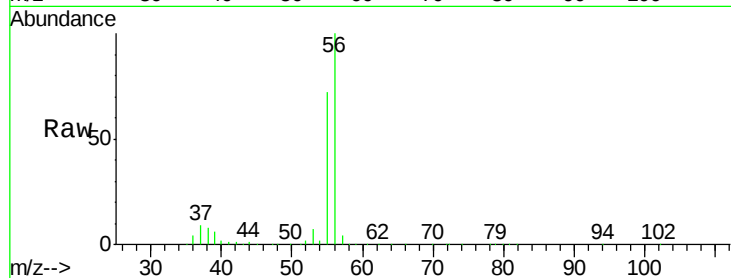
VSTDCCC050

Tot Ion: 56 Resp: 113123

Ion Ratio Lower Upper

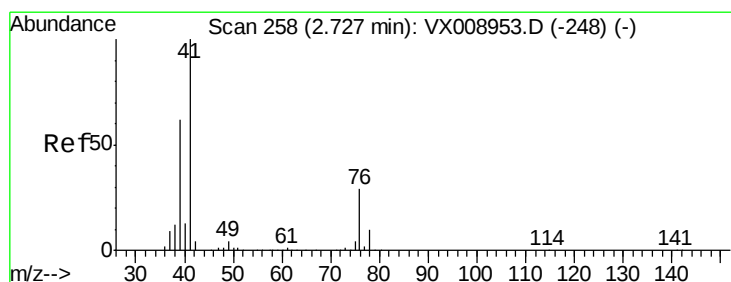
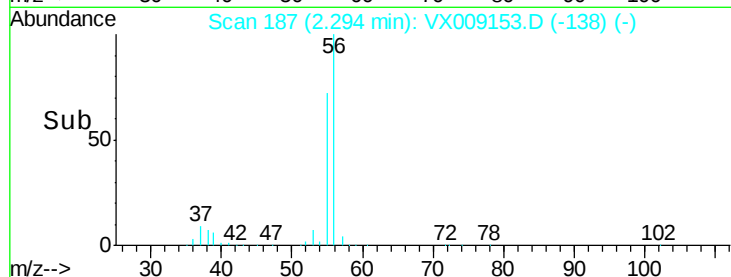
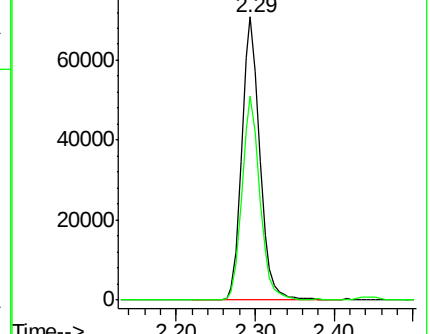
56 100

55 70.9 56.6 84.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 50.874 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009153.D

Acq: 25 Apr 2019 11:10

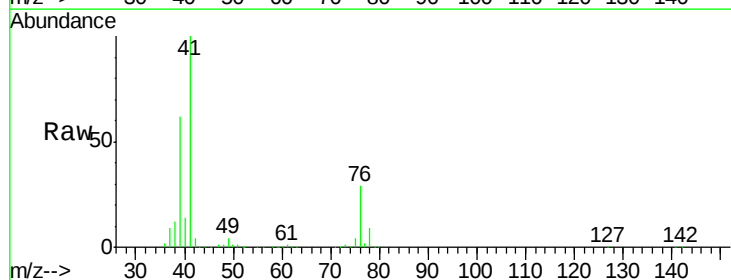
Tgt Ion: 41 Resp: 256695

Ion Ratio Lower Upper

41 100

39 58.0 46.7 70.1

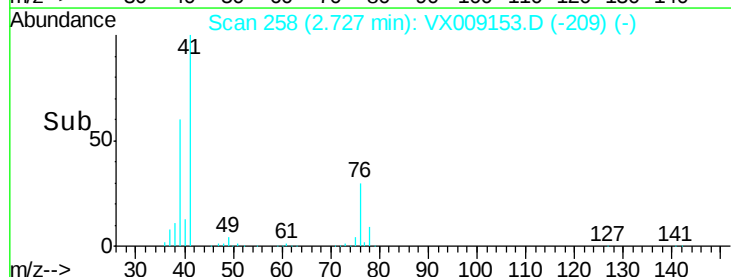
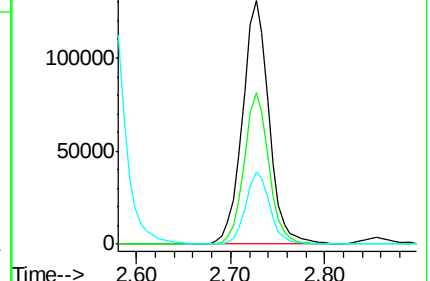
76 27.0 22.0 33.0

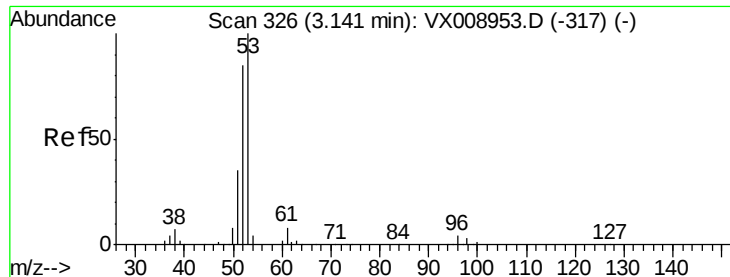


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 245.837 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009153.D

Acq: 25 Apr 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

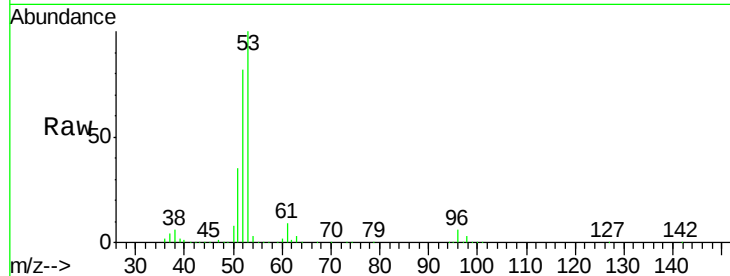
Tot Ion: 53 Resp: 421015

Ion Ratio Lower Upper

53 100

52 82.5 66.6 100.0

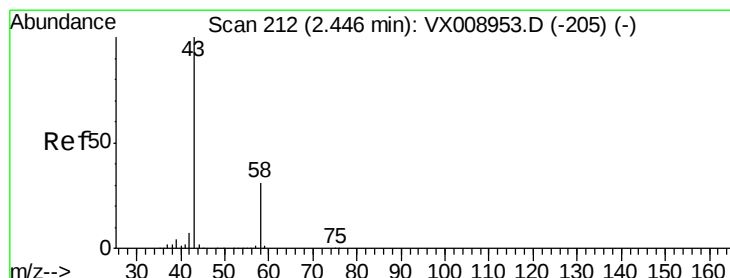
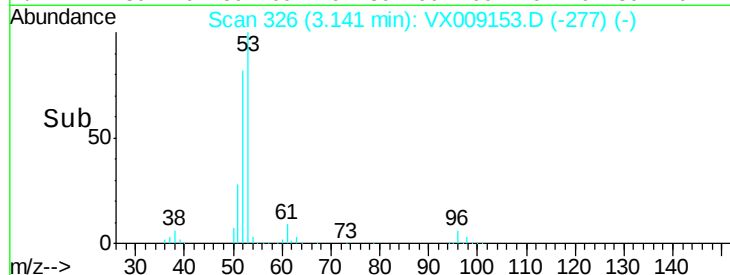
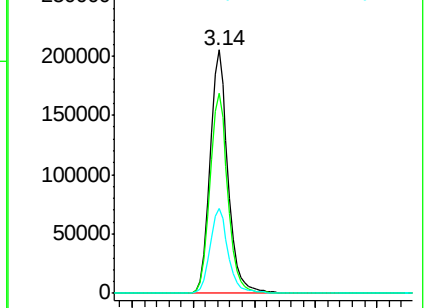
51 35.6 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 281.458 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009153.D

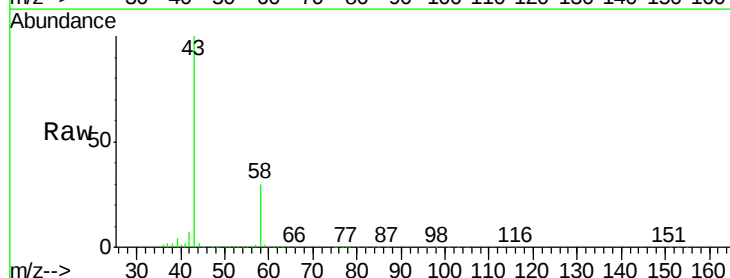
Acq: 25 Apr 2019 11:10

Tgt Ion: 43 Resp: 443612

Ion Ratio Lower Upper

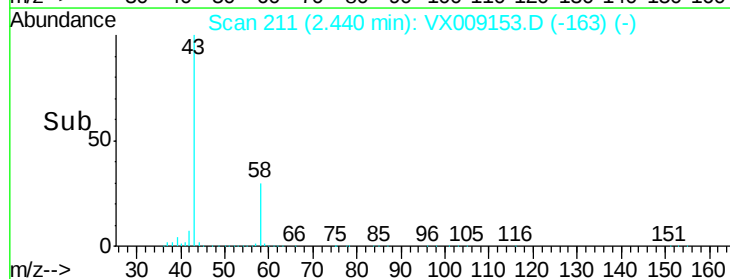
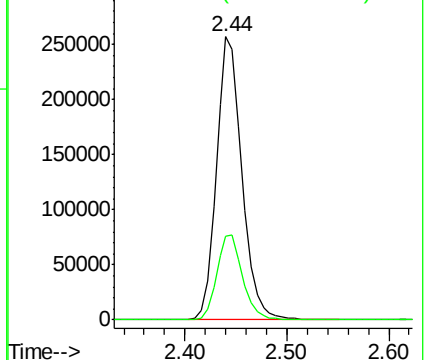
43 100

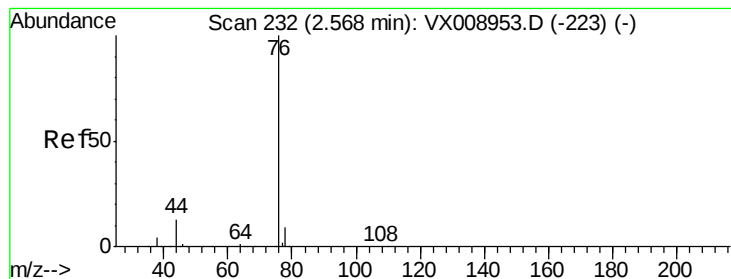
58 29.5 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 46.923 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009153.D

Acq: 25 Apr 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

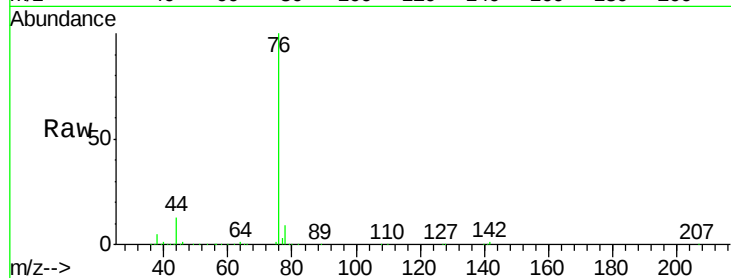
VSTDCCC050

Tot Ion: 76 Resp: 318361

Ion Ratio Lower Upper

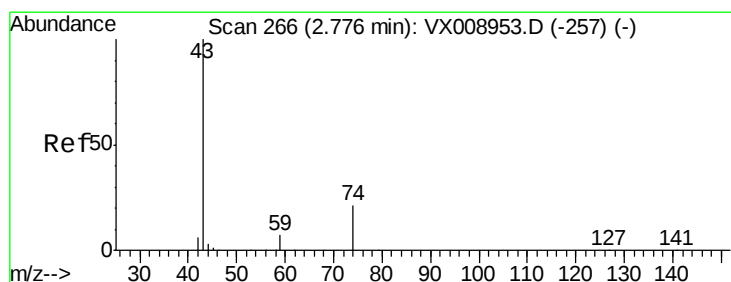
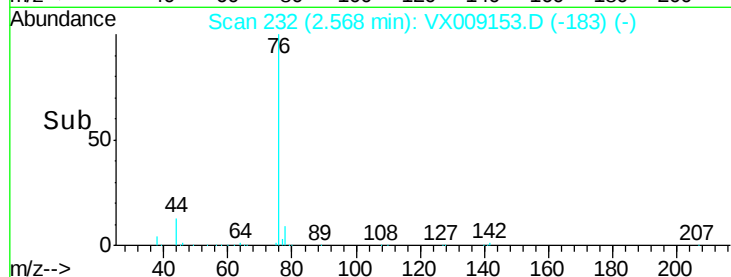
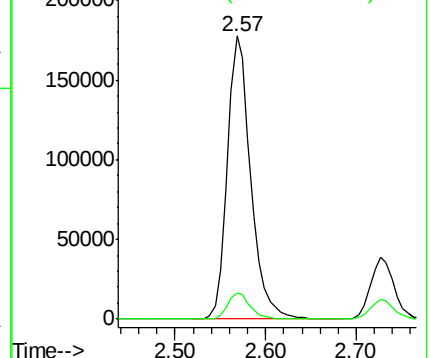
76 100

78 9.3 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 48.273 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX009153.D

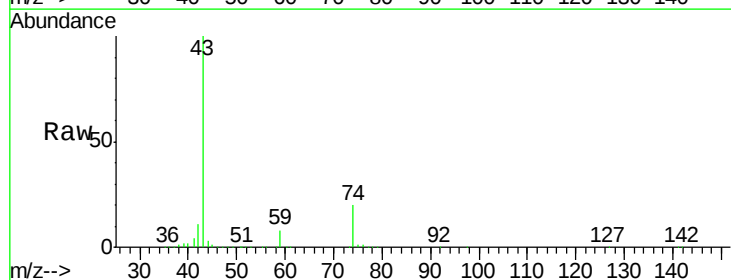
Acq: 25 Apr 2019 11:10

Tgt Ion: 43 Resp: 189888

Ion Ratio Lower Upper

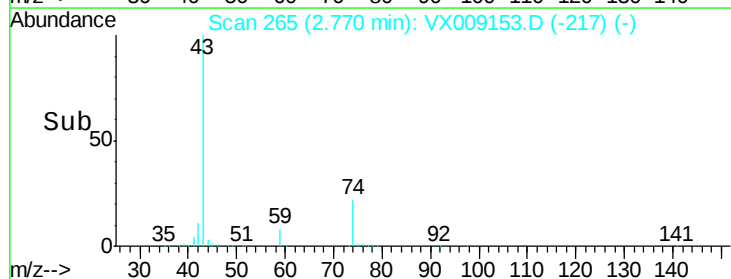
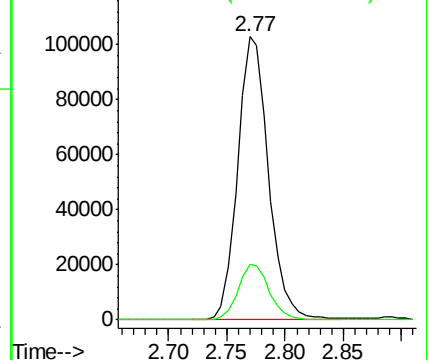
43 100

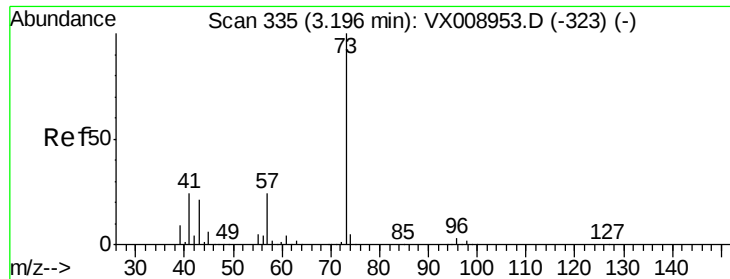
74 20.1 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

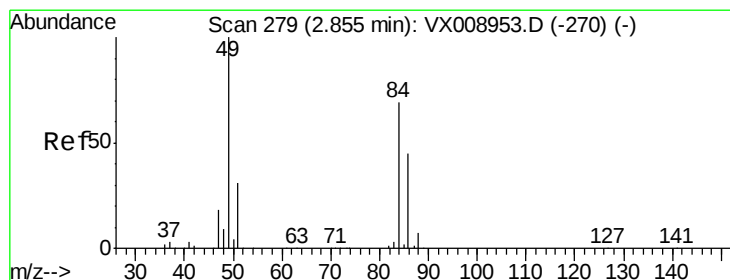
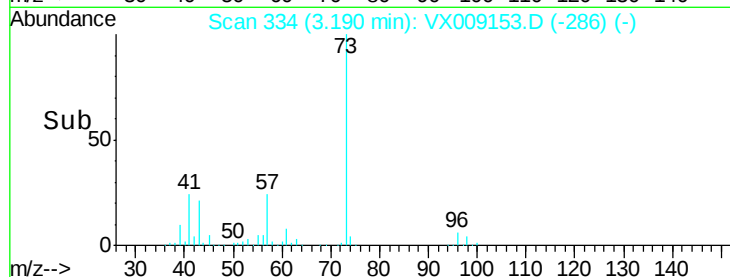
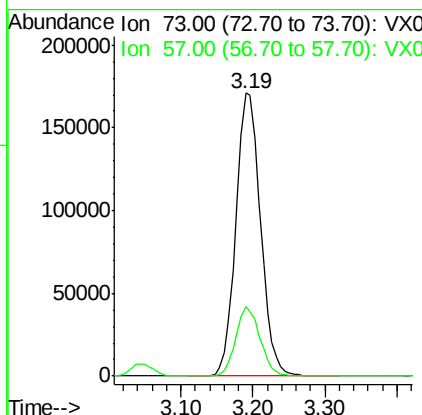
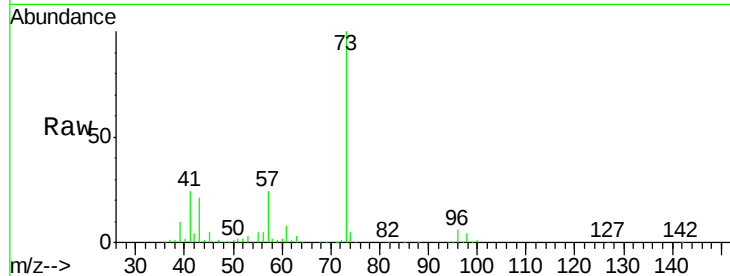




#19
Methyl tert-butyl Ether
Concen: 49.302 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX009153.D
Acq: 25 Apr 2019 11:10

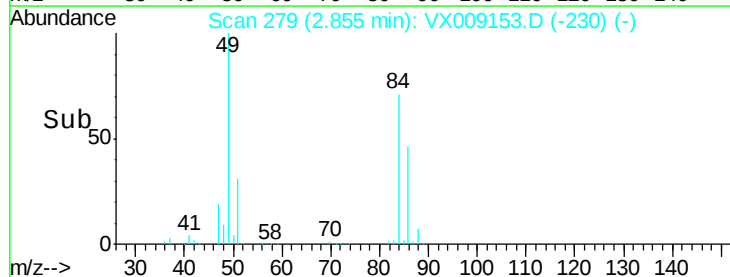
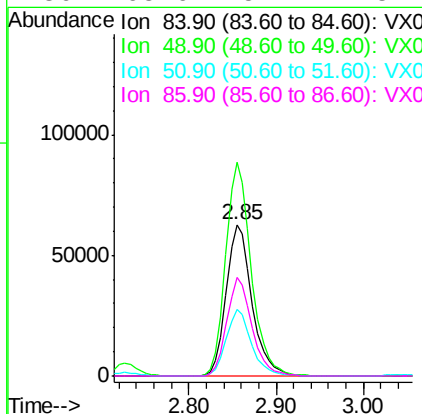
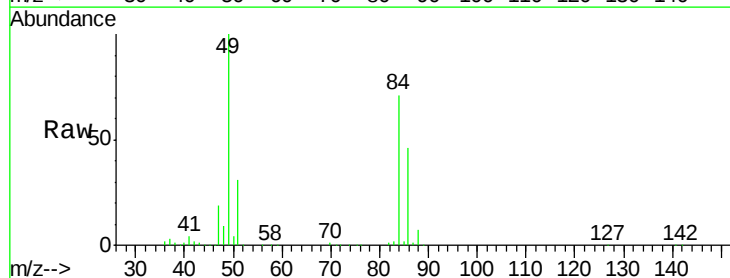
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

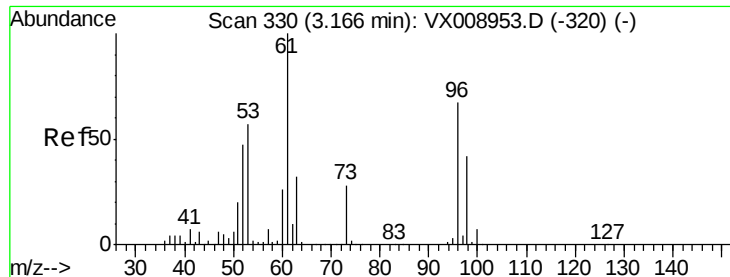
Tot Ion: 73 Resp: 406277
Ion Ratio Lower Upper
73 100
57 24.4 19.2 28.8



#20
Methylene Chloride
Concen: 47.457 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009153.D
Acq: 25 Apr 2019 11:10

Tgt Ion: 84 Resp: 127913
Ion Ratio Lower Upper
84 100
49 141.2 115.4 173.0
51 44.1 35.8 53.6
86 65.6 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 46.867 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX009153.D

Acq: 25 Apr 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

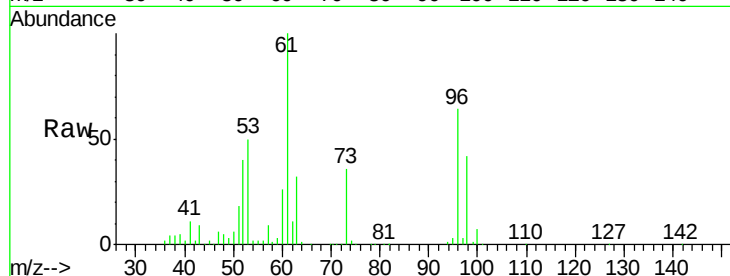
Tot Ion: 96 Resp: 115611

Ion Ratio Lower Upper

96 100

61 155.6 120.3 180.5

98 64.7 50.2 75.2

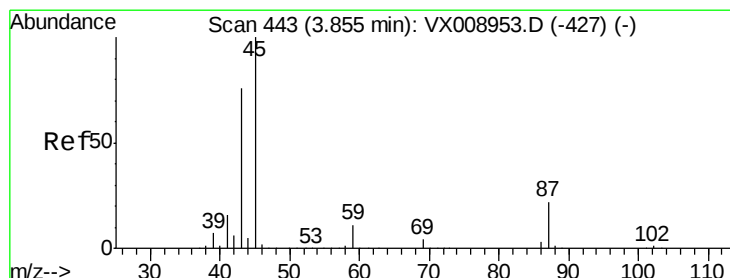
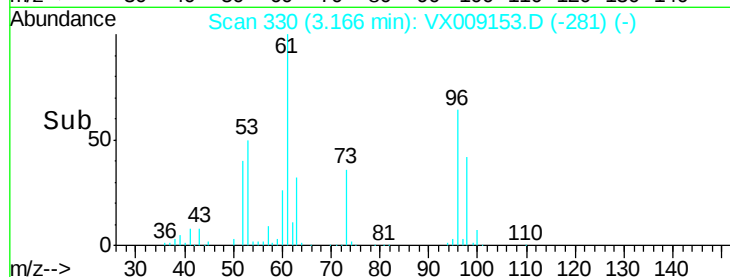
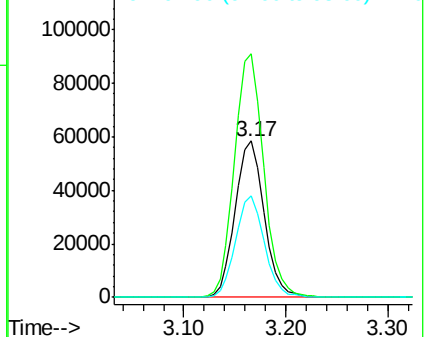


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 49.965 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009153.D

Acq: 25 Apr 2019 11:10

Tgt Ion: 45 Resp: 489889

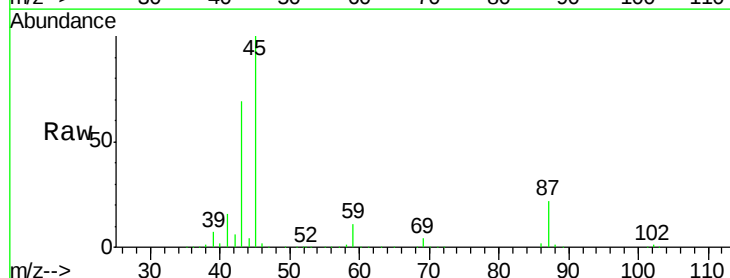
Ion Ratio Lower Upper

45 100

43 68.9 60.6 91.0

87 22.3 17.8 26.8

59 11.0 8.7 13.1



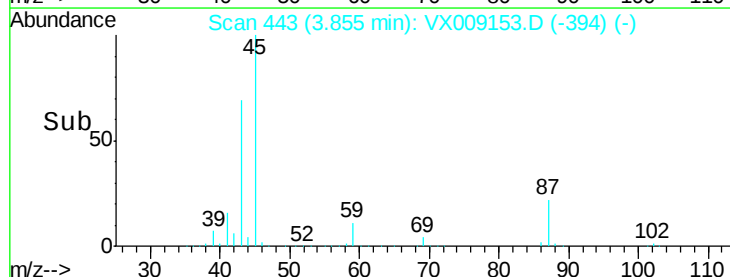
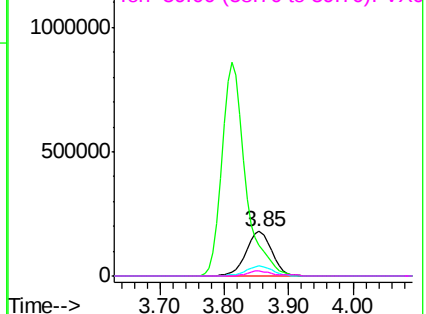
Abundance

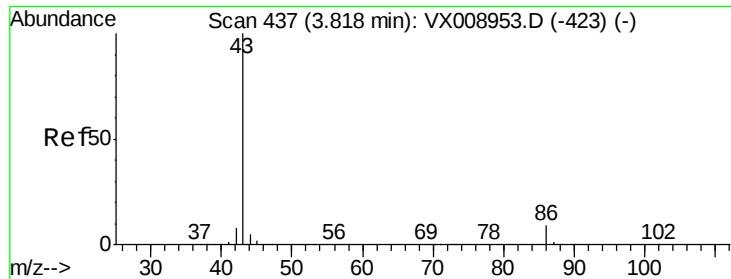
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 256.683 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX009153.D

Acq: 25 Apr 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

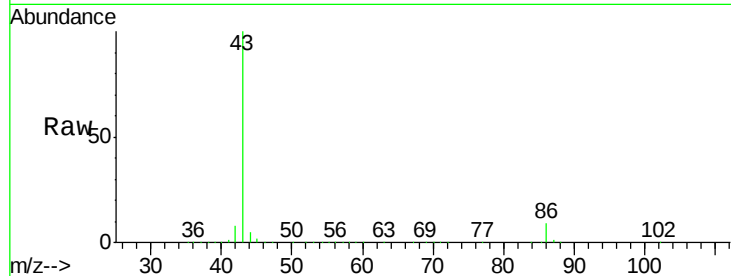
VSTDCCC050

Tot Ion: 43 Resp: 2212275

Ion Ratio Lower Upper

43 100

86 8.6 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1000000

800000

600000

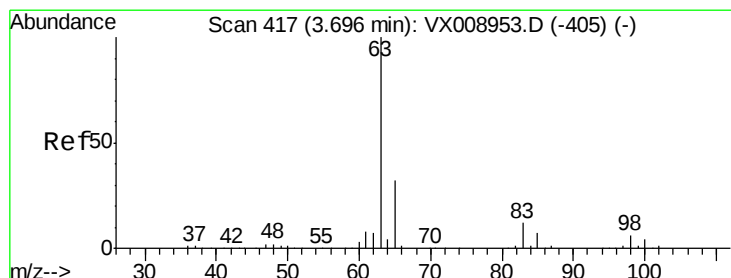
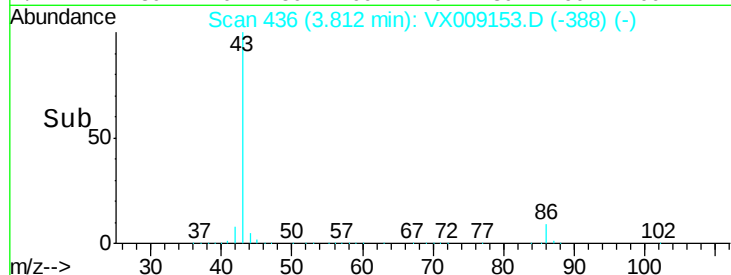
400000

200000

0

3.60 3.80 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 48.844 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009153.D

Acq: 25 Apr 2019 11:10

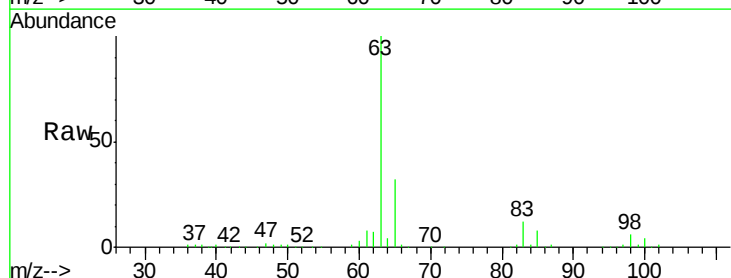
Tgt Ion: 63 Resp: 240401

Ion Ratio Lower Upper

63 100

98 6.2 3.1 9.3

100 4.1 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

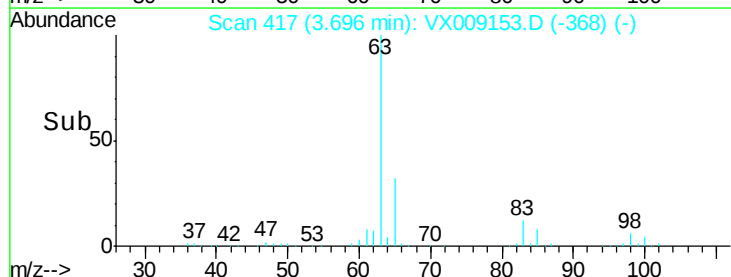
100000

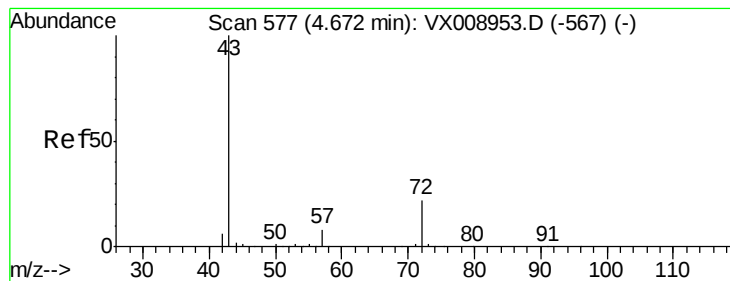
50000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 261.028 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009153.D

Acq: 25 Apr 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

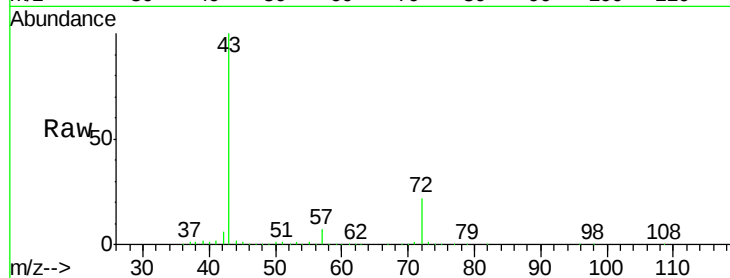
VSTDCCC050

Tot Ion: 43 Resp: 657615

Ion Ratio Lower Upper

43 100

72 22.1 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

250000

200000

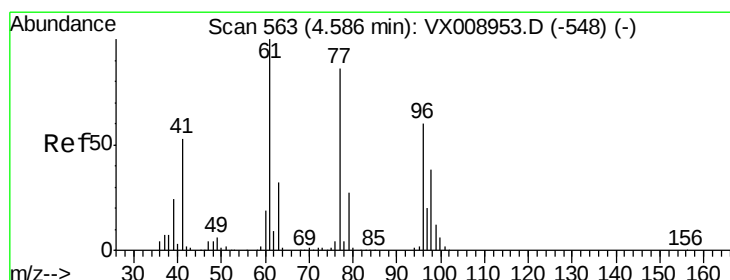
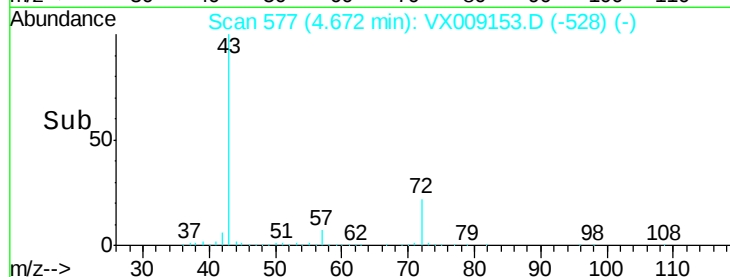
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 50.134 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX009153.D

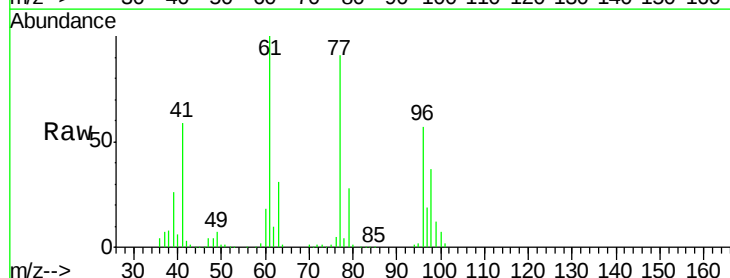
Acq: 25 Apr 2019 11:10

Tgt Ion: 77 Resp: 184959

Ion Ratio Lower Upper

77 100

97 22.7 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

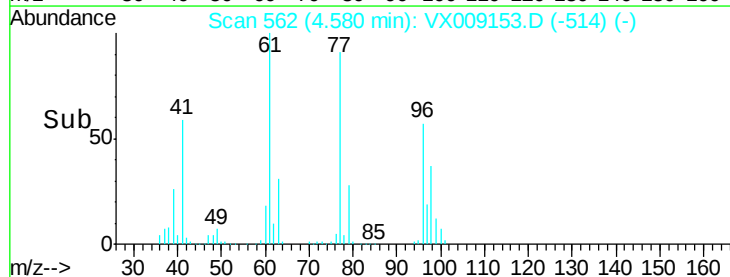
60000

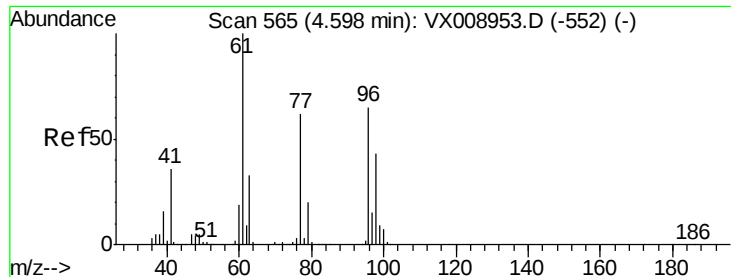
40000

20000

0

Time-->



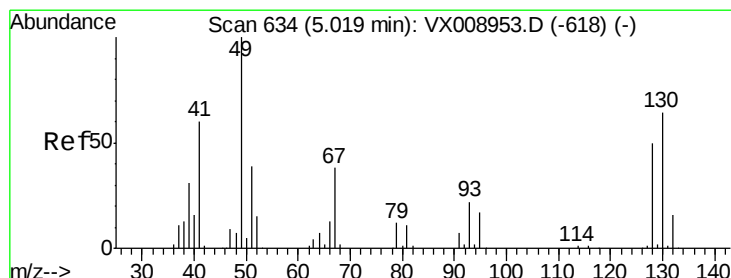
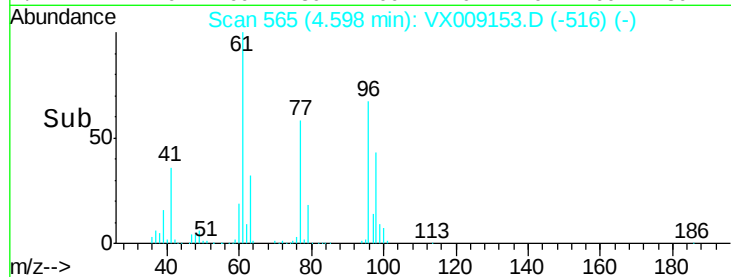
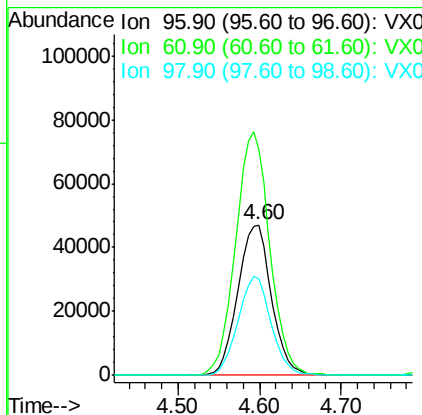
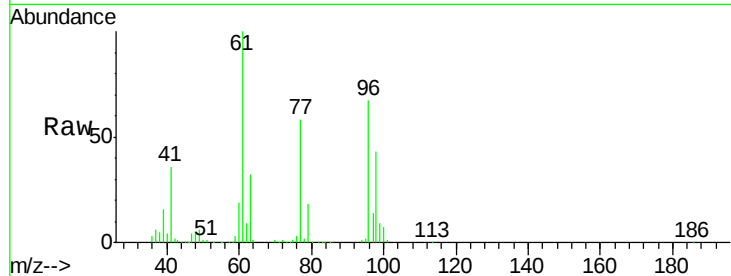


#27

cis-1,2-Dichloroethene
 Concen: 48.066 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX009153.D
 Acq: 25 Apr 2019 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

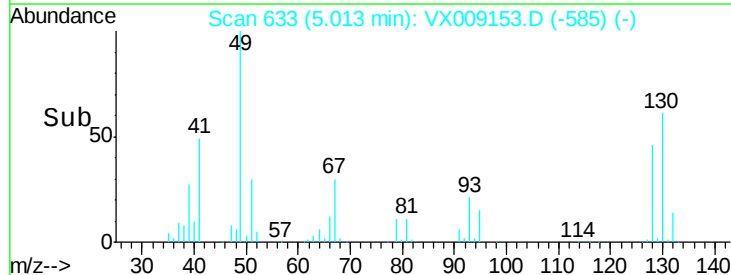
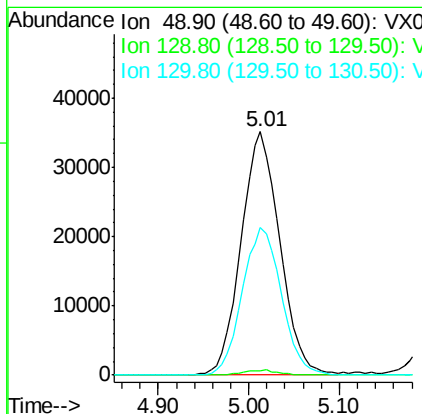
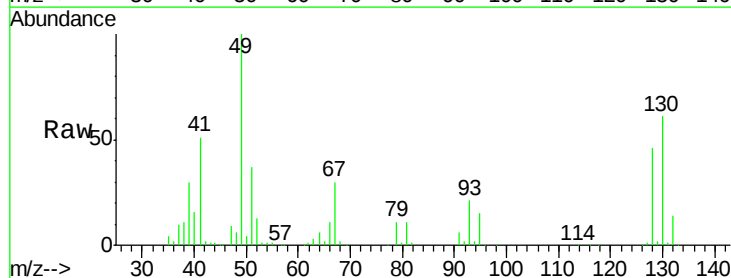
Tot Ion: 96 Resp: 134622
 Ion Ratio Lower Upper
 96 100
 61 164.0 0.0 322.0
 98 64.8 0.0 128.4

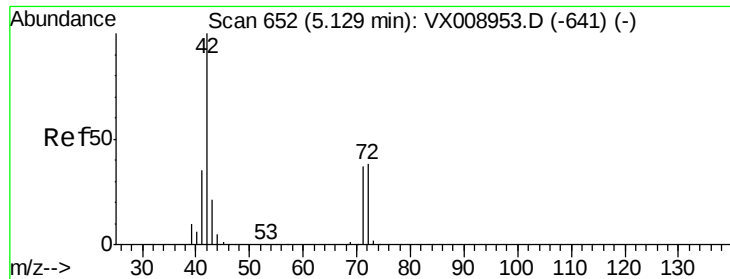


#28

Bromochloromethane
 Concen: 50.649 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX009153.D
 Acq: 25 Apr 2019 11:10

Tgt Ion: 49 Resp: 103492
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.6
 130 61.7 50.4 75.6

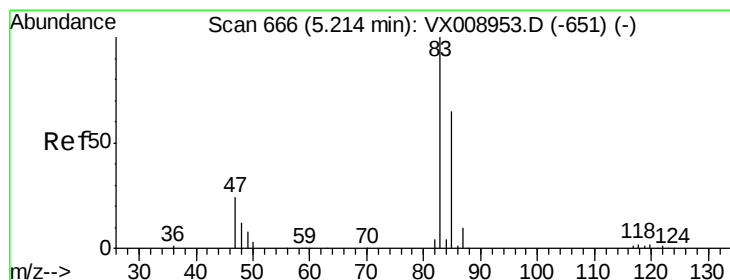
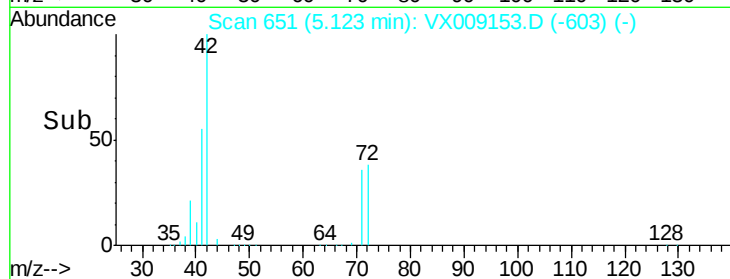
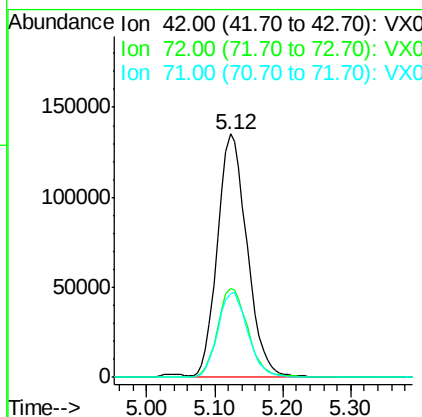
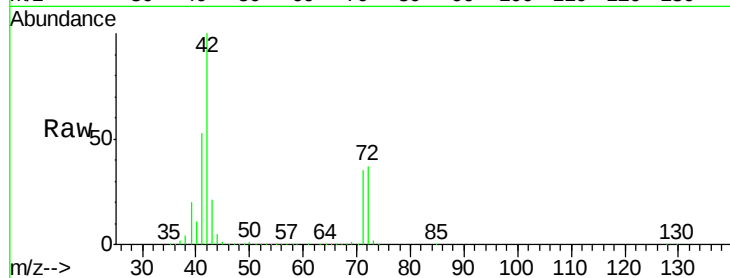




#29
Tetrahydrofuran
Concen: 241.745 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX009153.D
Acq: 25 Apr 2019 11:10

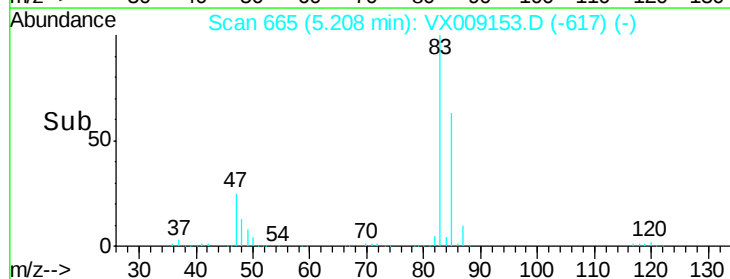
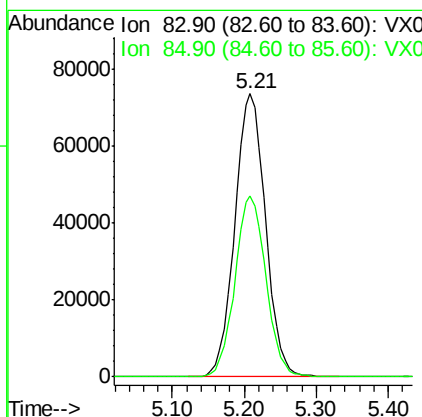
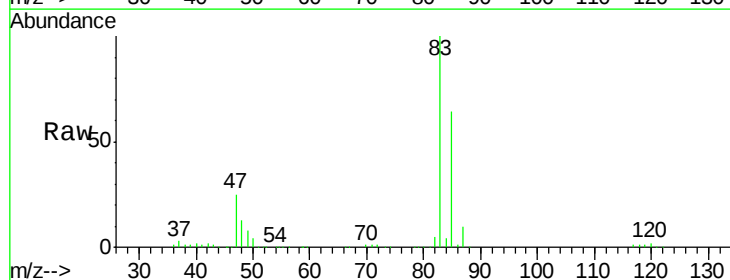
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

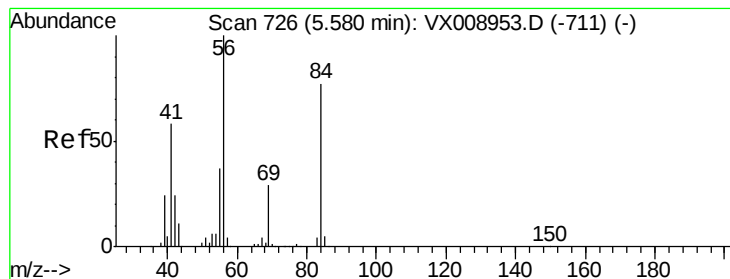
Tot Ion: 42 Resp: 407637
Ion Ratio Lower Upper
42 100
72 37.7 30.6 45.8
71 35.5 28.8 43.2



#30
Chloroform
Concen: 49.361 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX009153.D
Acq: 25 Apr 2019 11:10

Tgt Ion: 83 Resp: 217401
Ion Ratio Lower Upper
83 100
85 64.1 51.9 77.9





#31

Cyclohexane

Concen: 49.885 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX009153.D

Acq: 25 Apr 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

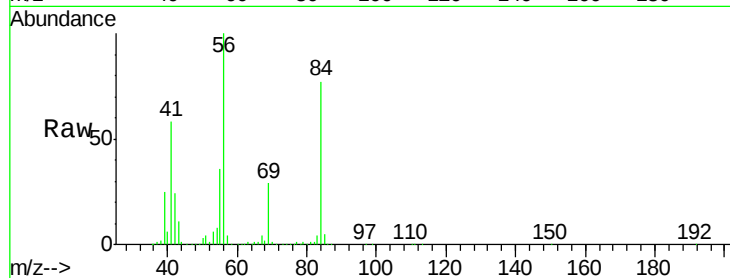
Tot Ion: 56 Resp: 241486

Ion Ratio Lower Upper

56 100

69 28.8 23.3 34.9

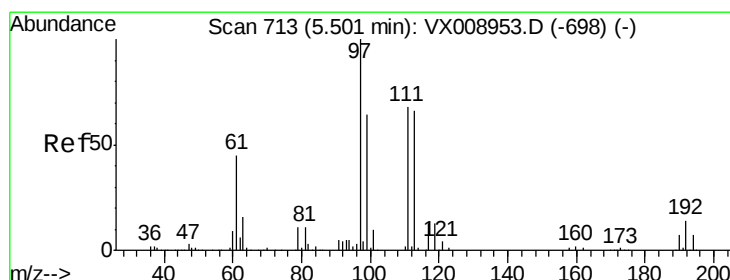
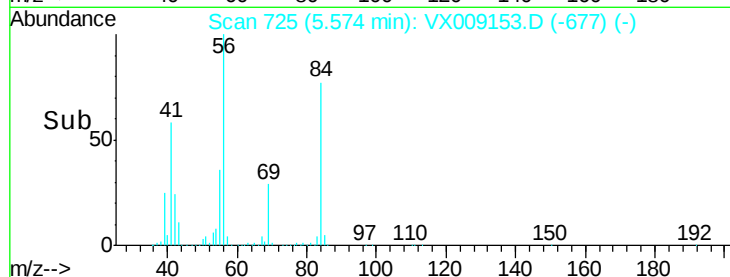
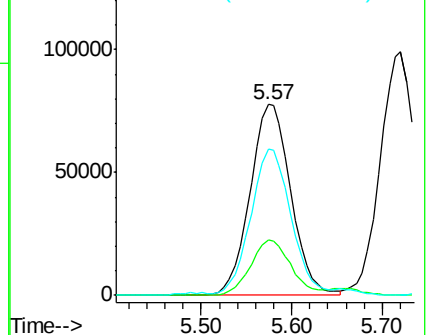
84 75.4 61.7 92.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 49.781 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX009153.D

Acq: 25 Apr 2019 11:10

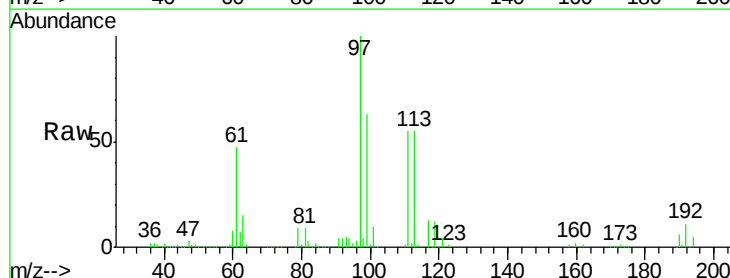
Tgt Ion: 97 Resp: 181717

Ion Ratio Lower Upper

97 100

99 64.4 51.6 77.4

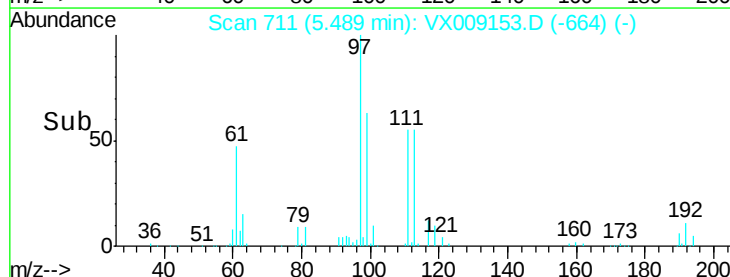
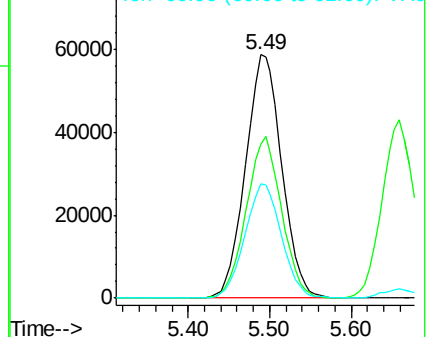
61 47.4 37.9 56.9

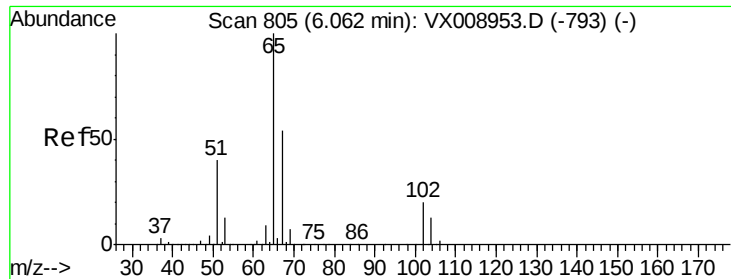


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

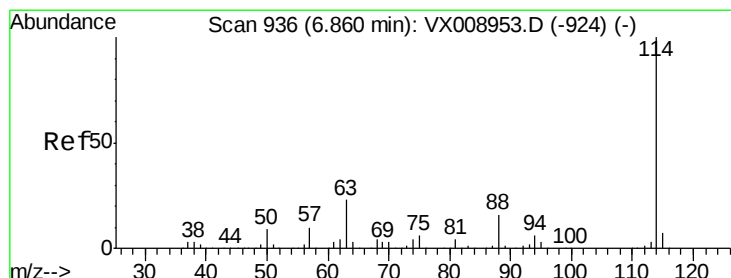
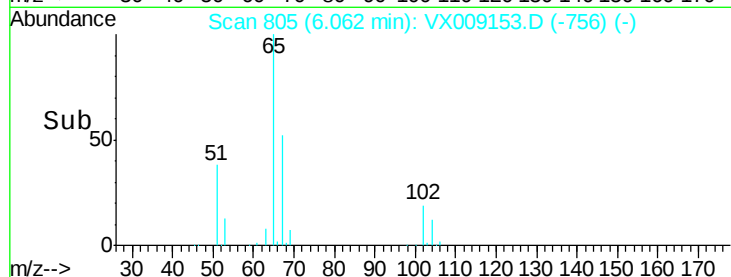
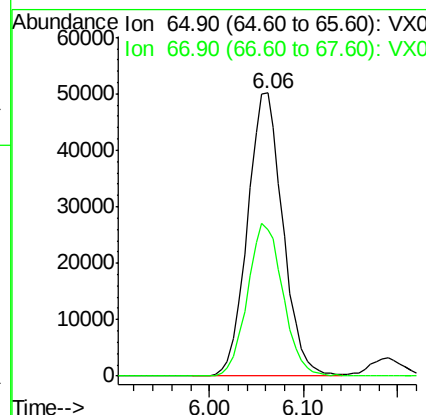
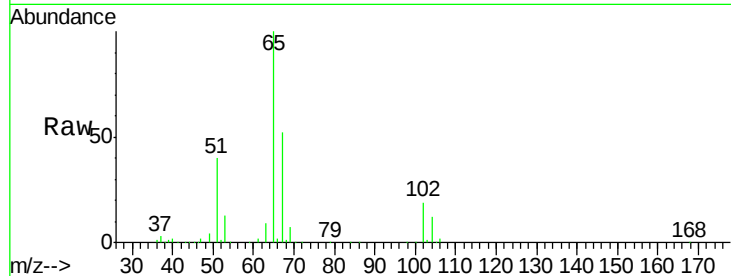




#33
 1,2-Dichloroethane-d4
 Concen: 43.374 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009153.D
 Acq: 25 Apr 2019 11:10

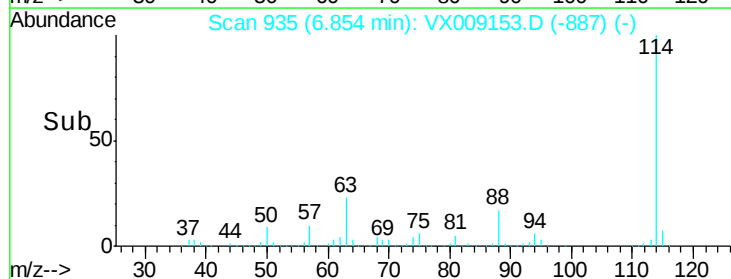
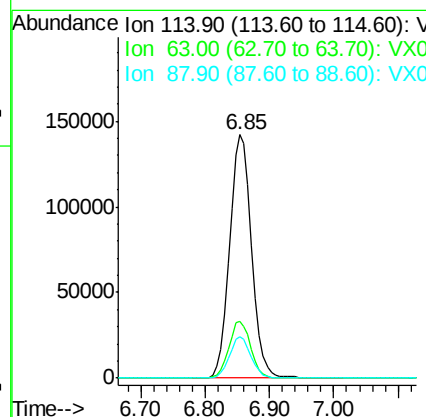
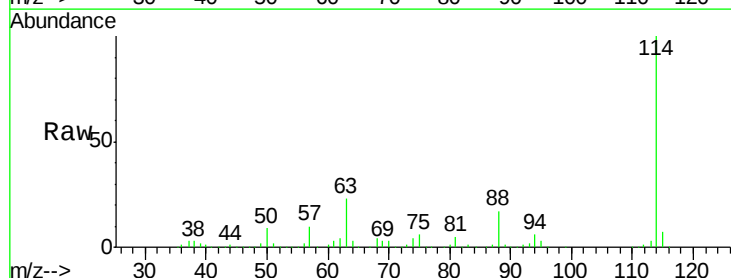
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 65 Resp: 131827
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX009153.D
 Acq: 25 Apr 2019 11:10

Tgt Ion: 114 Resp: 341835
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 46.0
 88 16.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 44.881 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX009153.D

Acq: 25 Apr 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

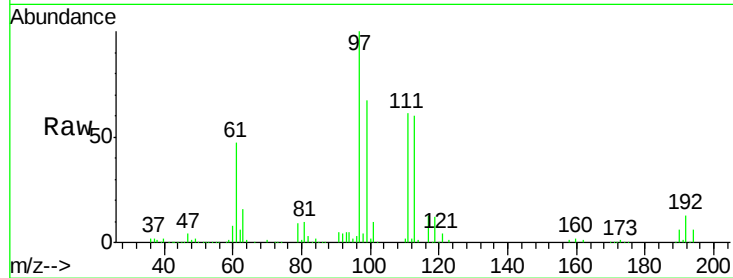
Tot Ion:113 Resp: 98461

Ion Ratio Lower Upper

113 100

111 102.9 82.9 124.3

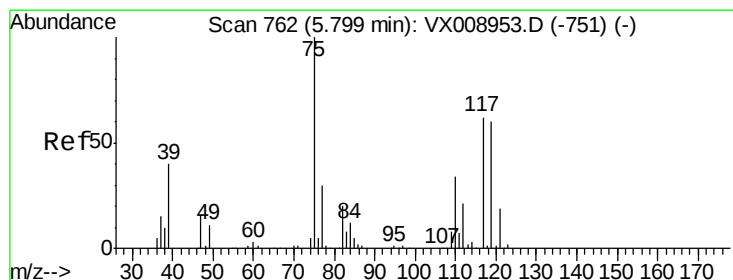
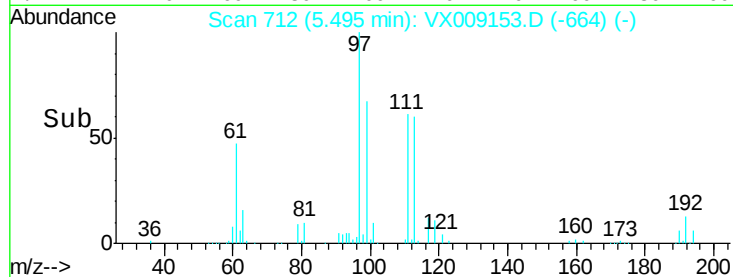
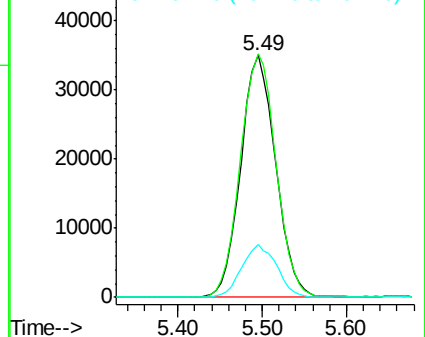
192 21.8 17.4 26.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.647 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX009153.D

Acq: 25 Apr 2019 11:10

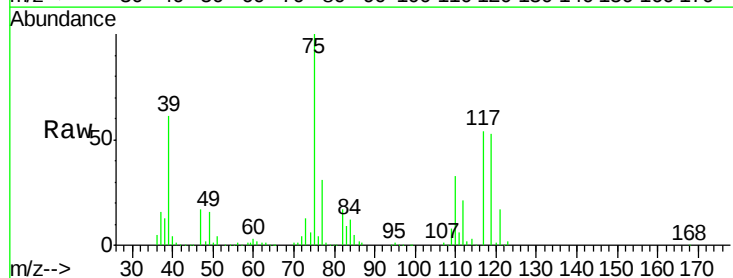
Tgt Ion: 75 Resp: 171983

Ion Ratio Lower Upper

75 100

110 33.3 16.9 50.7

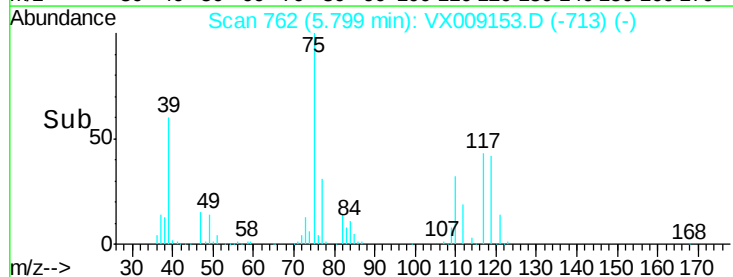
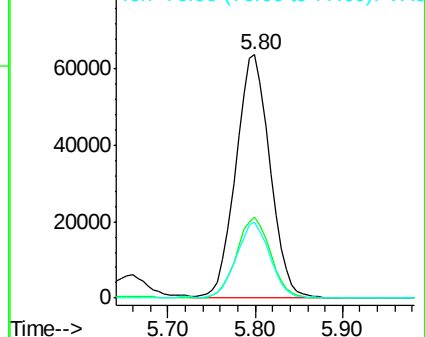
77 30.8 25.0 37.4

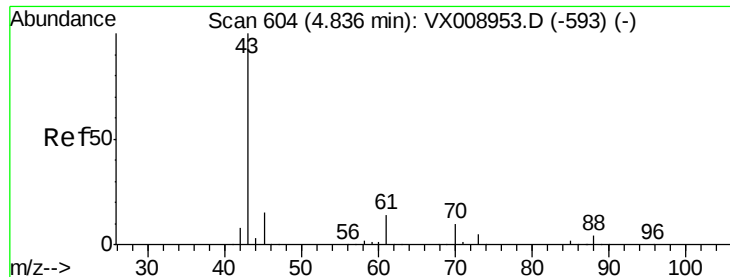


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

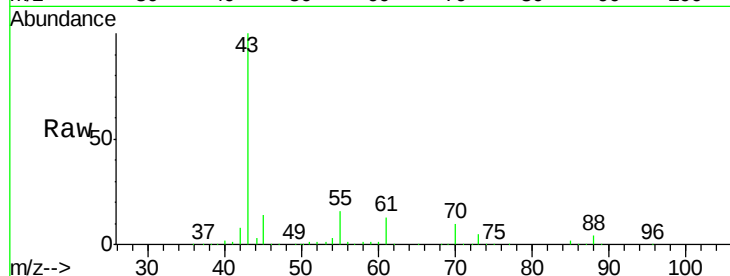




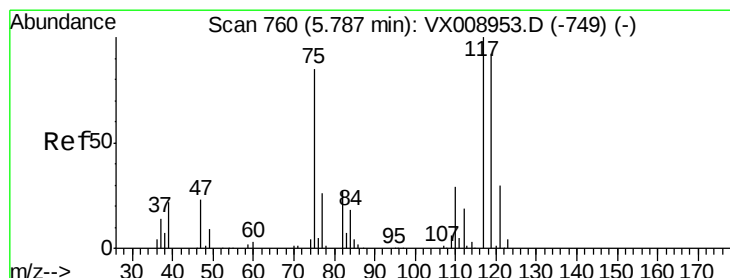
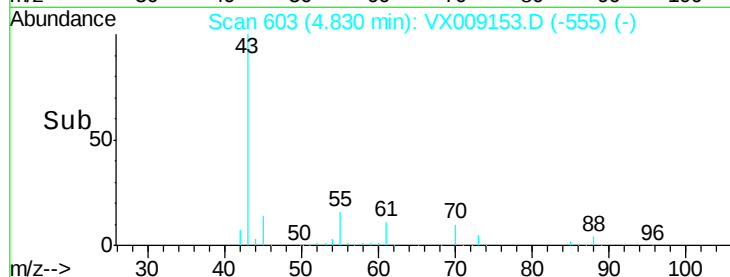
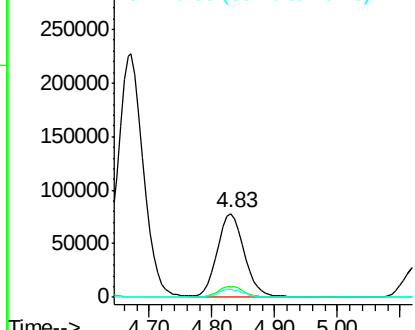
#37
Ethyl Acetate
Concen: 51.398 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX009153.D
Acq: 25 Apr 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 233818
Ion Ratio Lower Upper
43 100
61 12.7 10.6 15.8
70 9.5 7.7 11.5

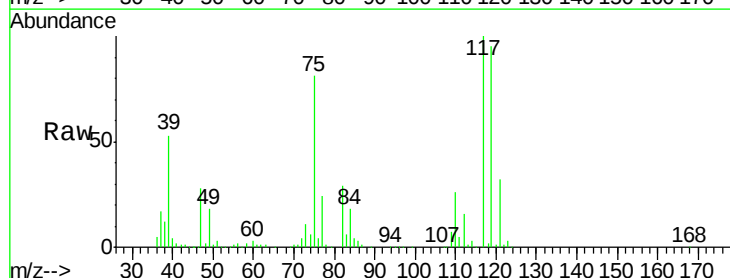


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

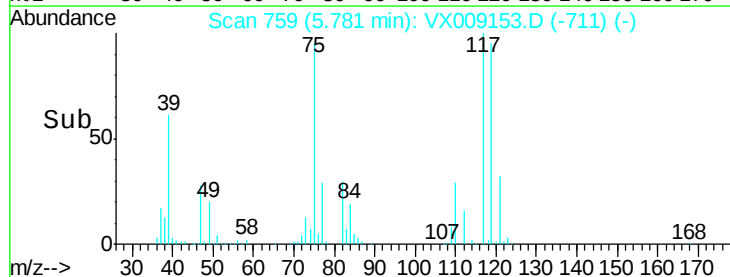
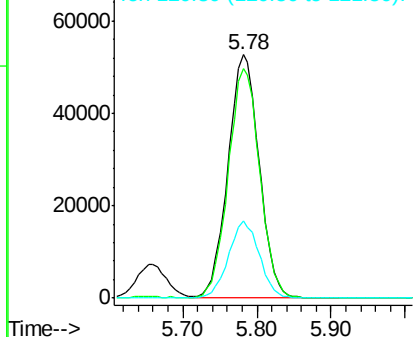


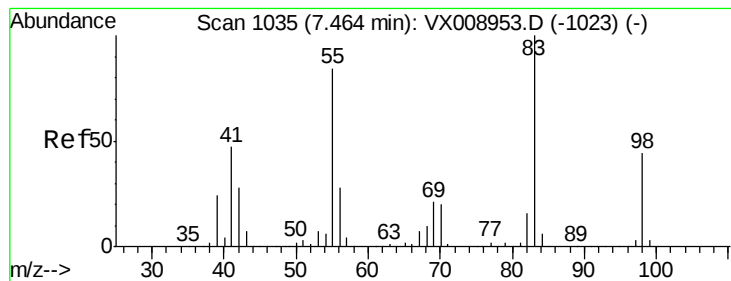
#38
Carbon Tetrachloride
Concen: 51.669 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX009153.D
Acq: 25 Apr 2019 11:10

Tgt Ion: 117 Resp: 154860
Ion Ratio Lower Upper
117 100
119 94.5 73.8 110.8
121 31.5 23.6 35.4



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





#39

Methvlcvclohexane

Concen: 52.133 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX009153.D

Acq: 25 Apr 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

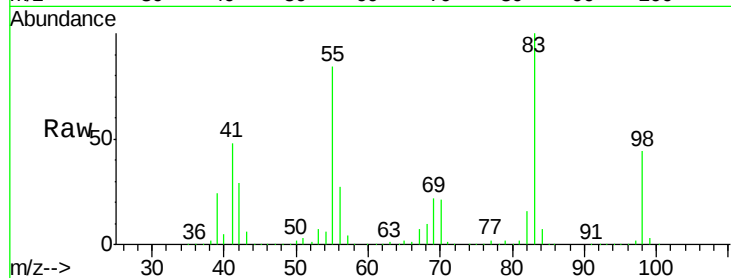
Tot Ion: 83 Resp: 224401

Ion Ratio Lower Upper

83 100

55 84.3 67.1 100.7

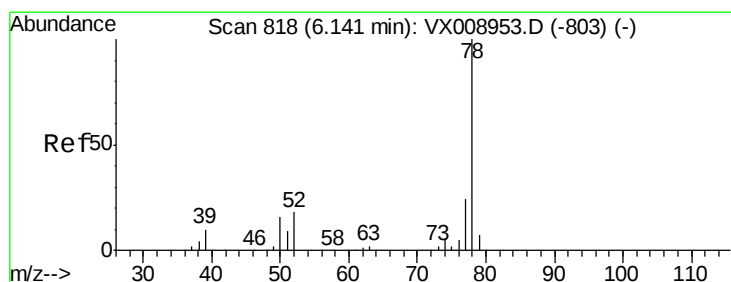
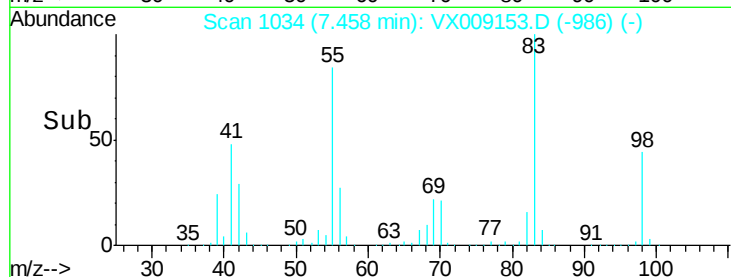
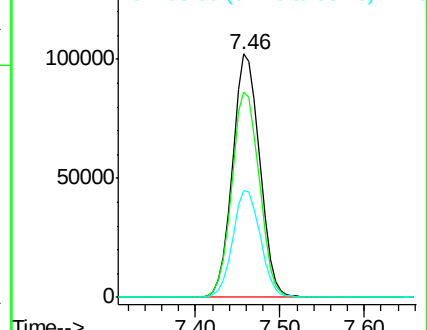
98 43.7 35.1 52.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 49.950 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX009153.D

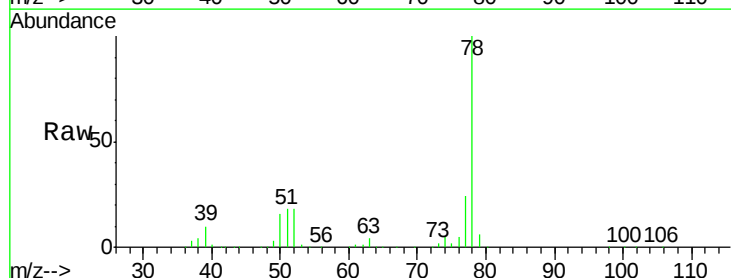
Acq: 25 Apr 2019 11:10

Tgt Ion: 78 Resp: 520951

Ion Ratio Lower Upper

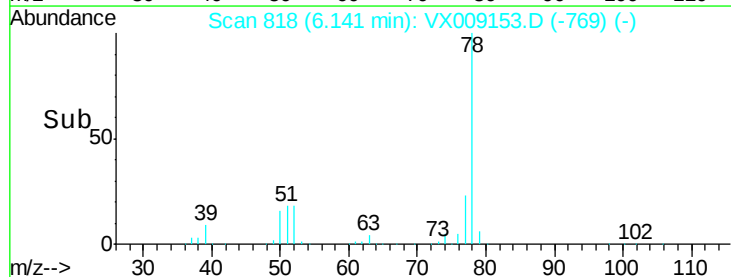
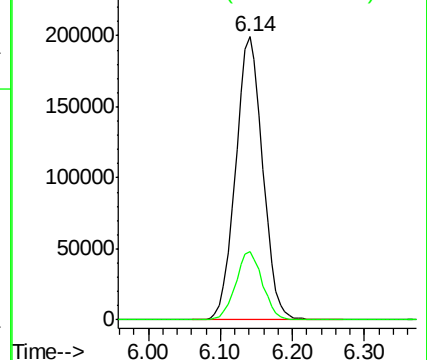
78 100

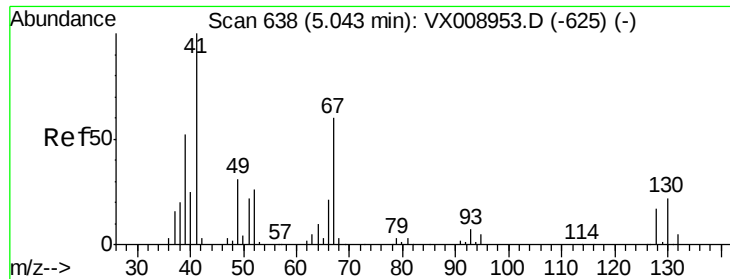
77 24.0 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 50.364 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX009153.D

Acq: 25 Apr 2019 11:10

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 41 Resp: 131495

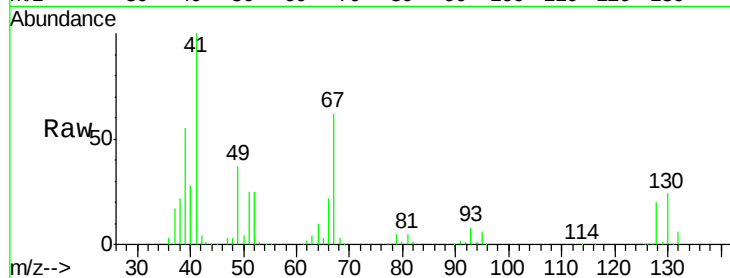
Ion Ratio Lower Upper

41 100

39 52.7 41.8 62.6

67 64.0 50.2 75.4

52 26.3 21.1 31.7

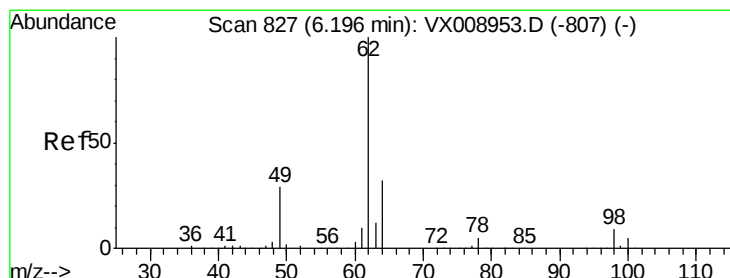
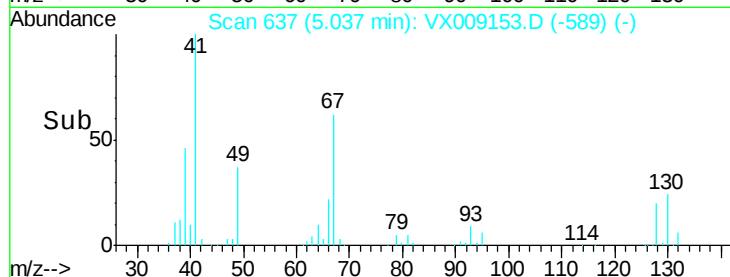
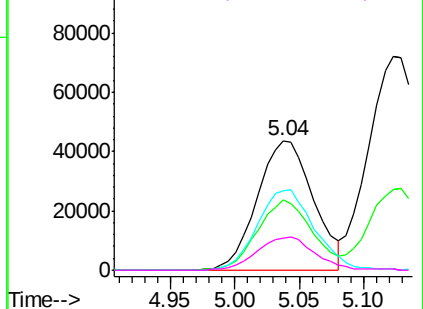


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.858 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX009153.D

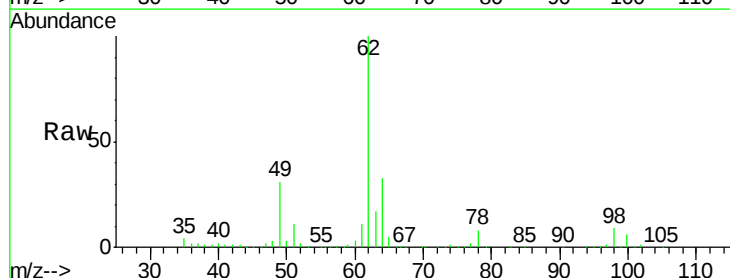
Acq: 25 Apr 2019 11:10

Tgt Ion: 62 Resp: 184199

Ion Ratio Lower Upper

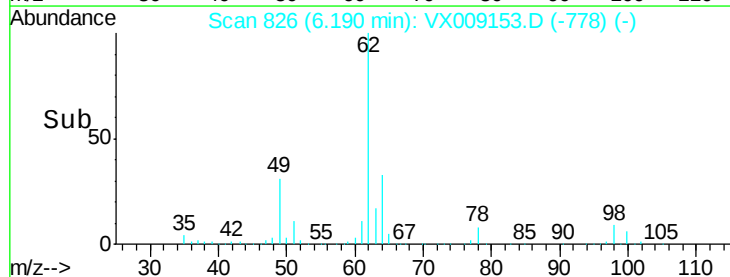
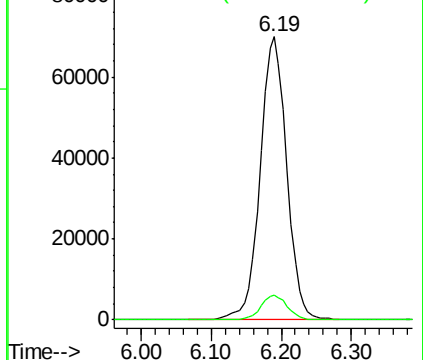
62 100

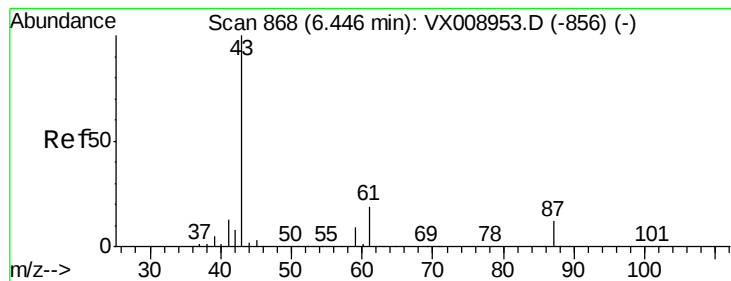
98 8.8 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



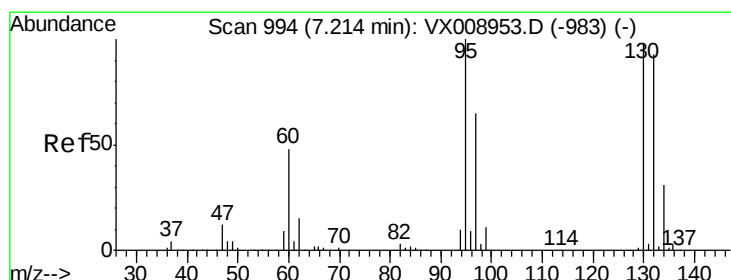
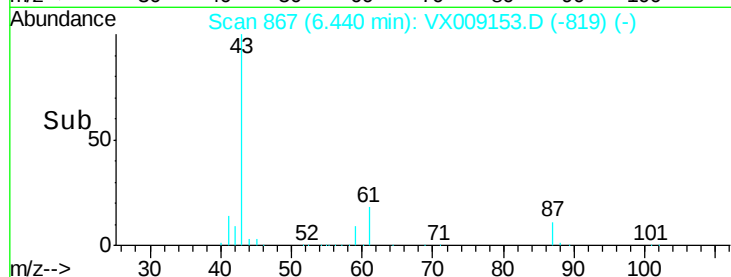
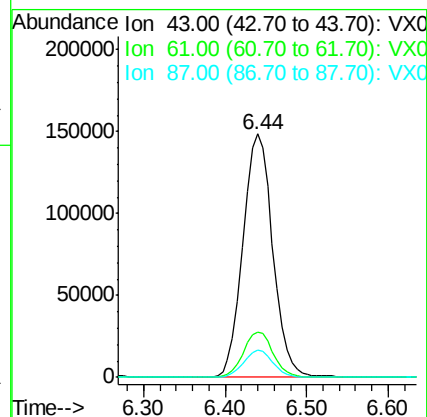
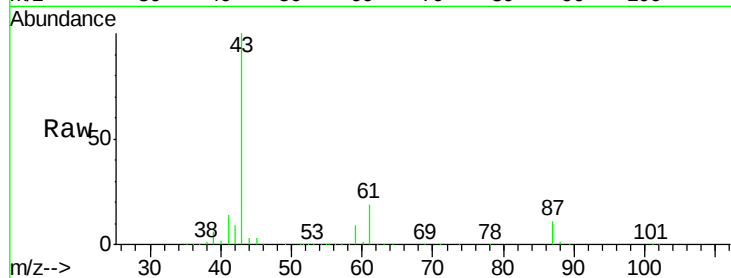


#43

Isopropyl Acetate
 Concen: 51.226 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX009153.D
 Acq: 25 Apr 2019 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

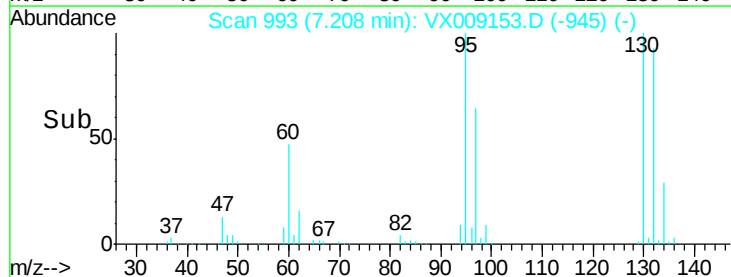
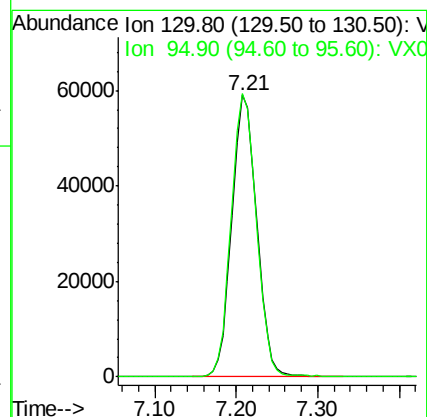
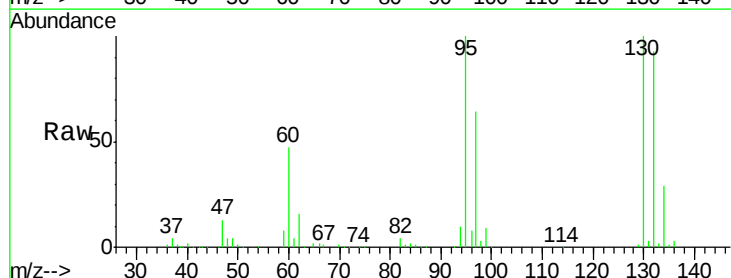
Tot Ion: 43 Resp: 375533
 Ion Ratio Lower Upper
 43 100
 61 18.9 15.4 23.0
 87 11.1 9.0 13.4

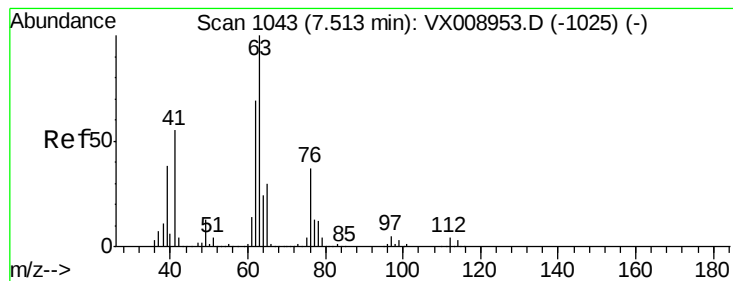


#44

Trichloroethene
 Concen: 48.746 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX009153.D
 Acq: 25 Apr 2019 11:10

Tgt Ion:130 Resp: 124566
 Ion Ratio Lower Upper
 130 100
 95 100.5 0.0 203.2





#45

1,2-Dichloropropane

Concen: 50.707 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX009153.D

Acq: 25 Apr 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

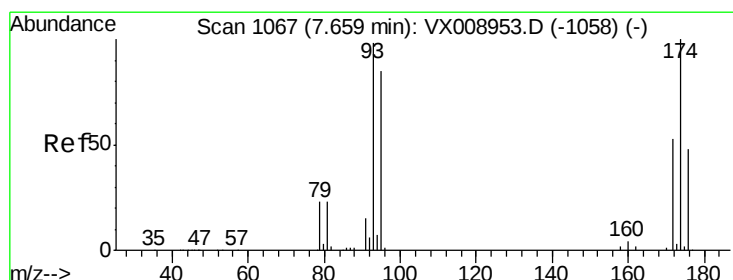
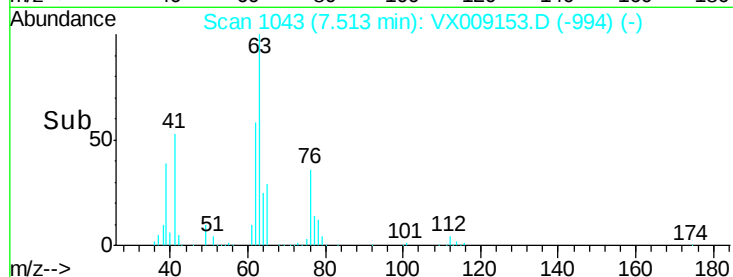
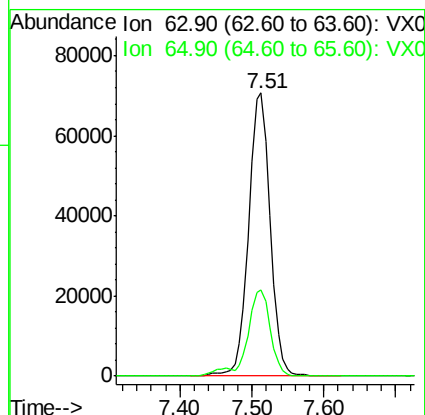
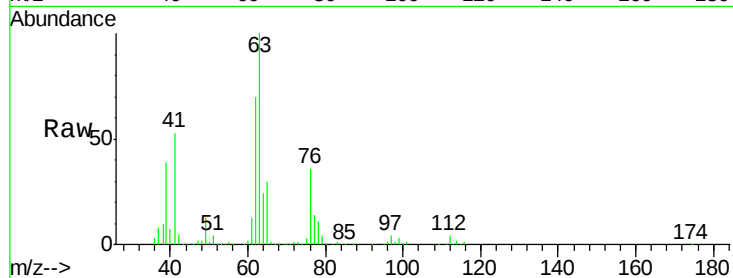
VSTDCCC050

Tot Ion: 63 Resp: 146715

Ion Ratio Lower Upper

63 100

65 30.4 24.1 36.1



#46

Dibromomethane

Concen: 49.539 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX009153.D

Acq: 25 Apr 2019 11:10

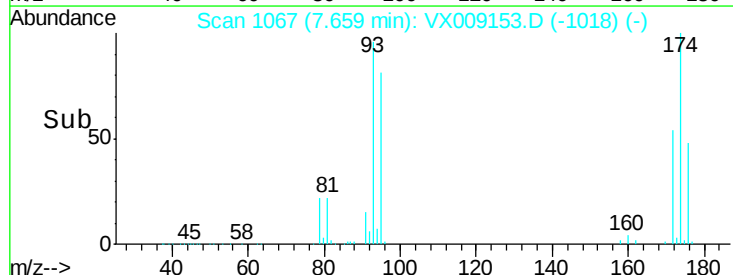
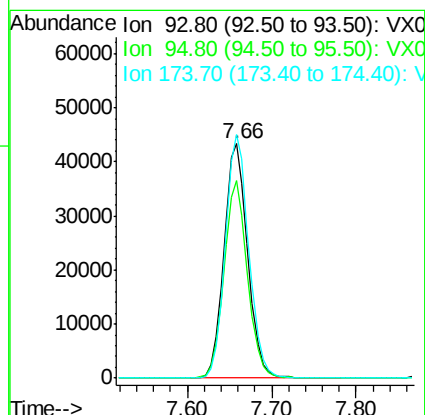
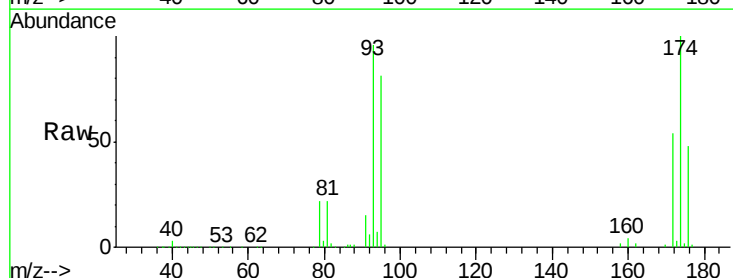
Tgt Ion: 93 Resp: 83417

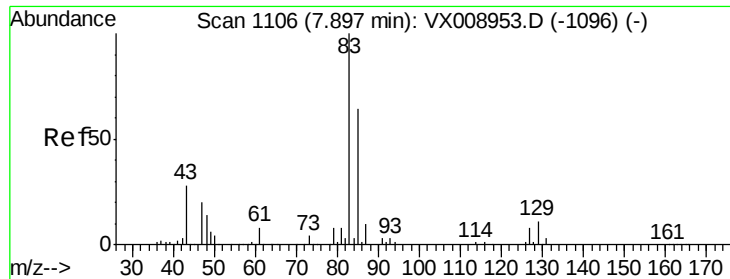
Ion Ratio Lower Upper

93 100

95 83.4 67.0 100.4

174 103.0 81.6 122.4





#47

Bromodichloromethane

Concen: 51.831 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009153.D

Acq: 25 Apr 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

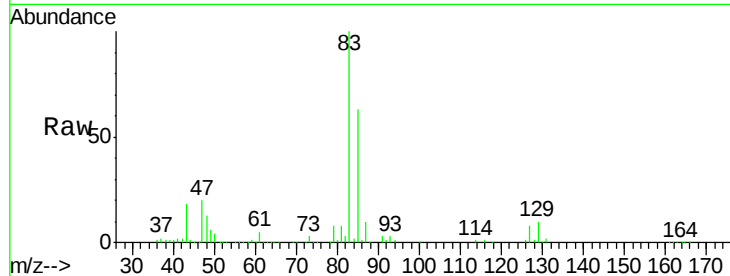
Tot Ion: 83 Resp: 171183

Ion Ratio Lower Upper

83 100

85 62.6 50.8 76.2

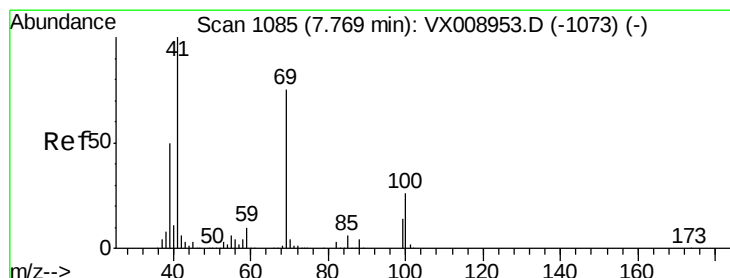
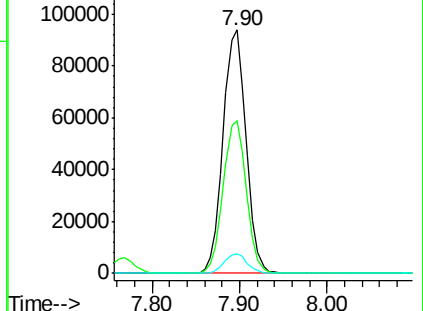
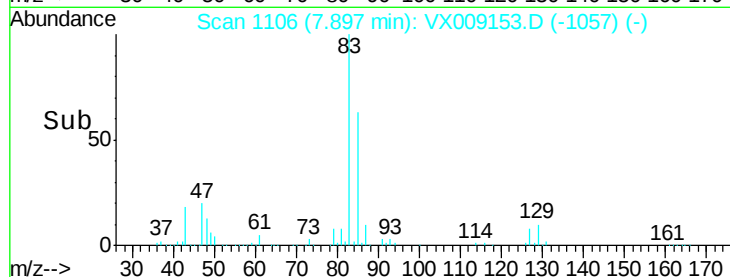
127 7.8 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.768 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VX009153.D

Acq: 25 Apr 2019 11:10

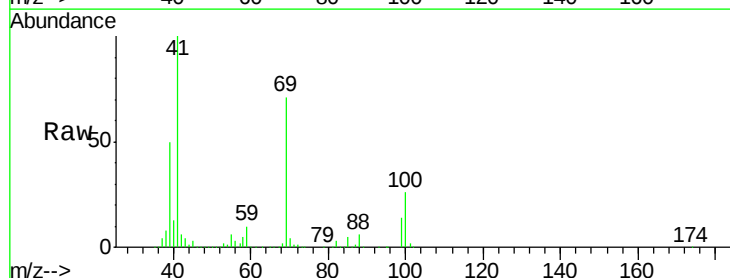
Tgt Ion: 41 Resp: 187521

Ion Ratio Lower Upper

41 100

69 73.7 59.4 89.2

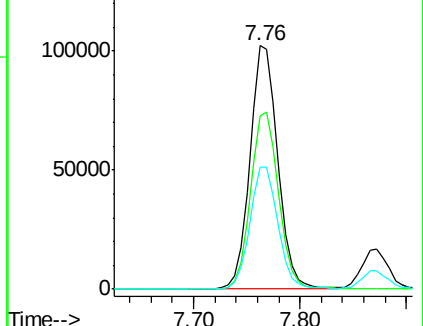
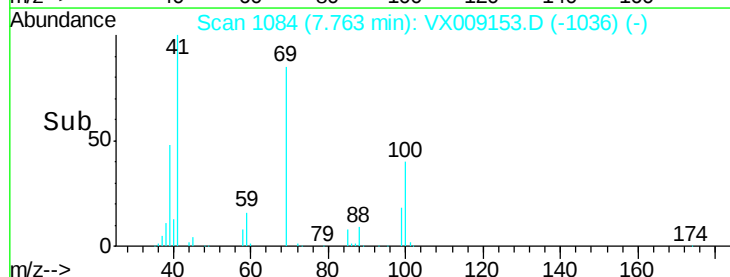
39 50.7 39.8 59.6

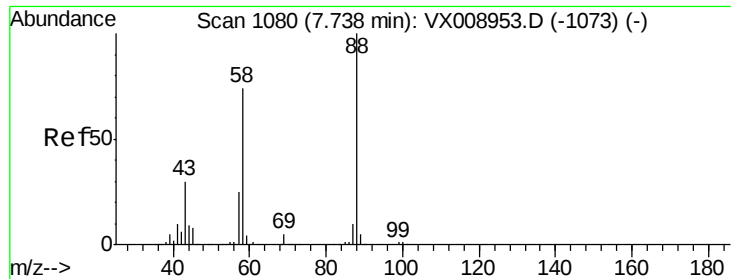


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

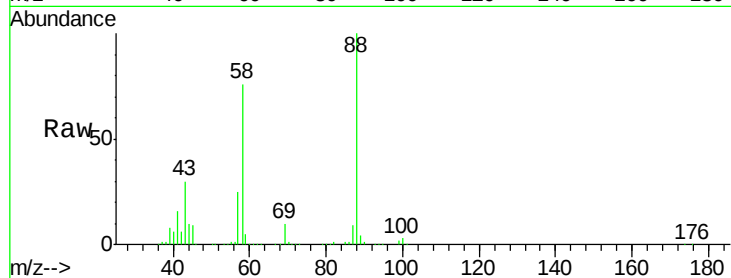




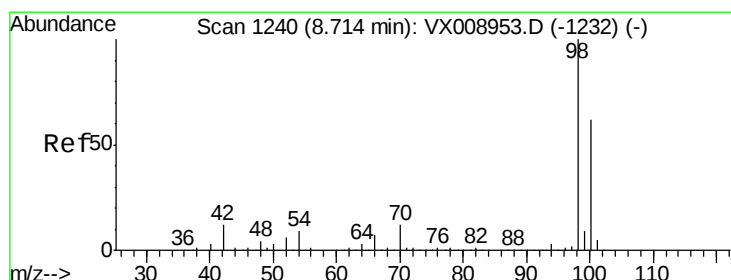
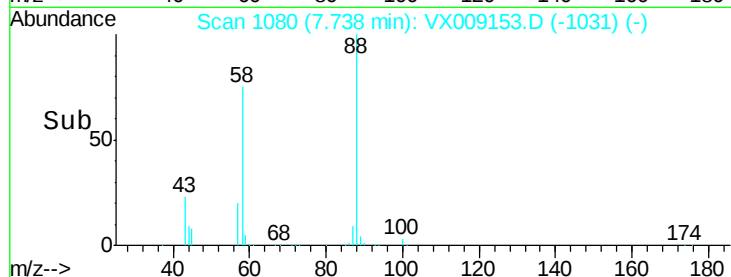
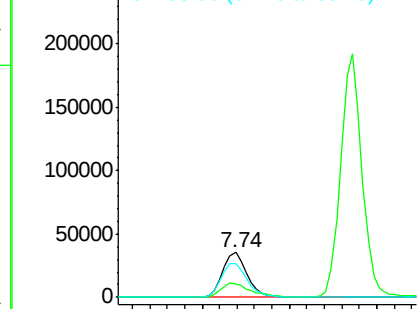
#49
 1,4-Dioxane
 Concen: 1017.844 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX009153.D
 Acq: 25 Apr 2019 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 88 Resp: 69008
 Ion Ratio Lower Upper
 88 100
 43 37.6 29.3 43.9
 58 80.5 62.6 93.8

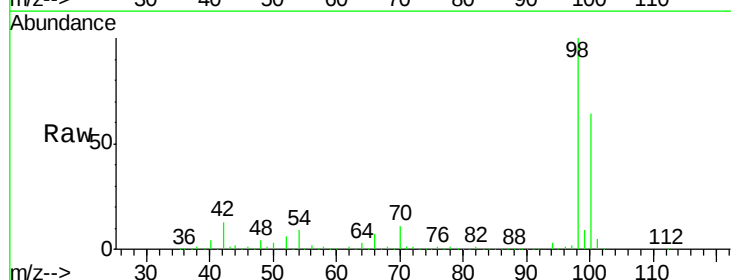


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

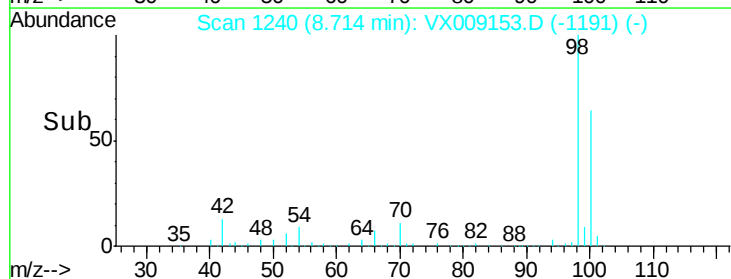
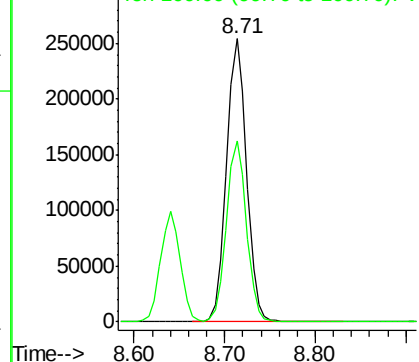


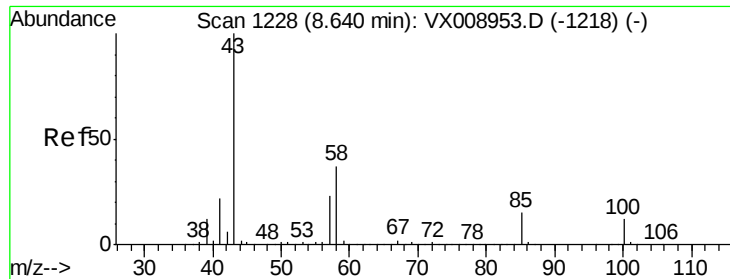
#50
 Toluene-d8
 Concen: 44.753 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX009153.D
 Acq: 25 Apr 2019 11:10

Tgt Ion: 98 Resp: 391547
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 260.640 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009153.D

Acq: 25 Apr 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

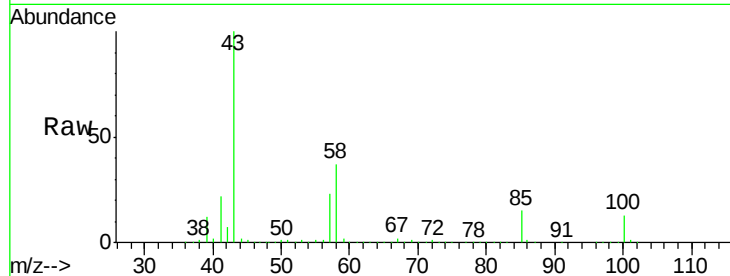
VSTDCCC050

Tot Ion: 43 Resp: 1217288

Ion Ratio Lower Upper

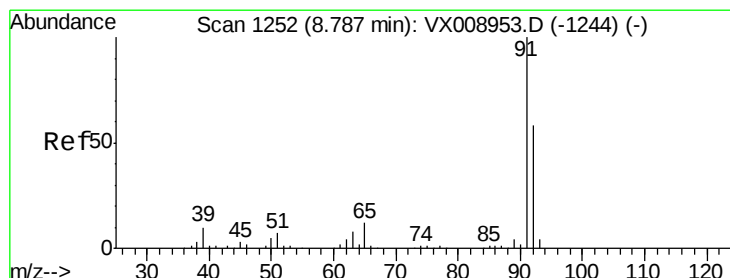
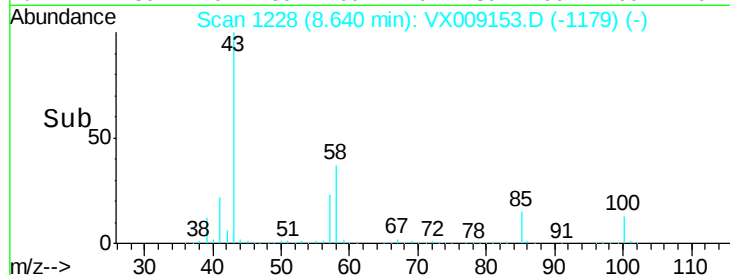
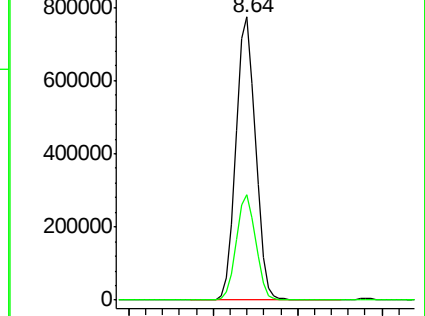
43 100

58 36.6 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.445 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009153.D

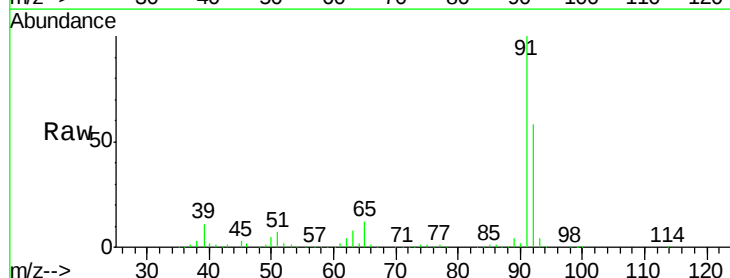
Acq: 25 Apr 2019 11:10

Tgt Ion: 92 Resp: 315307

Ion Ratio Lower Upper

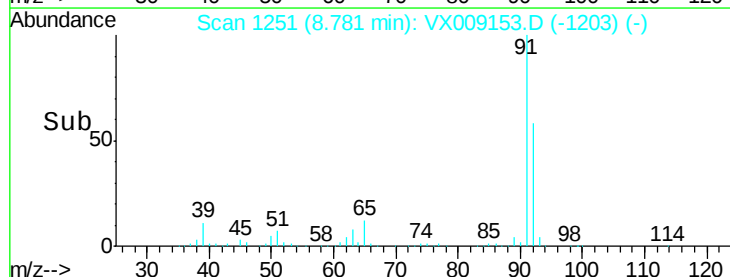
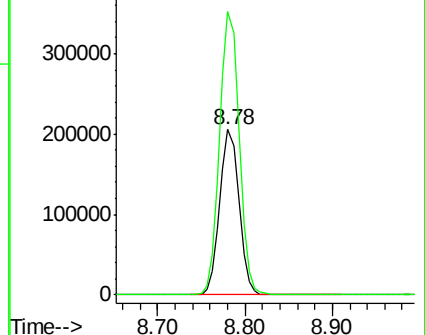
92 100

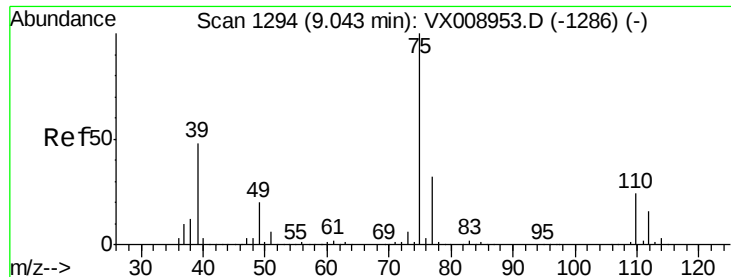
91 173.4 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

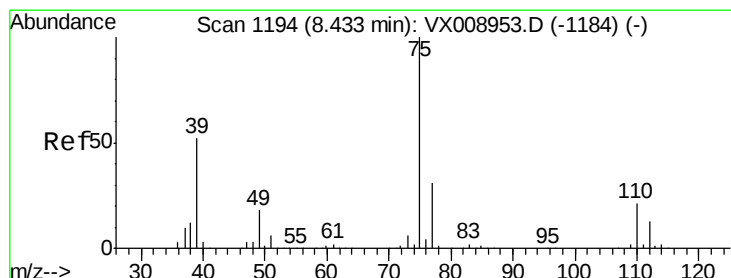
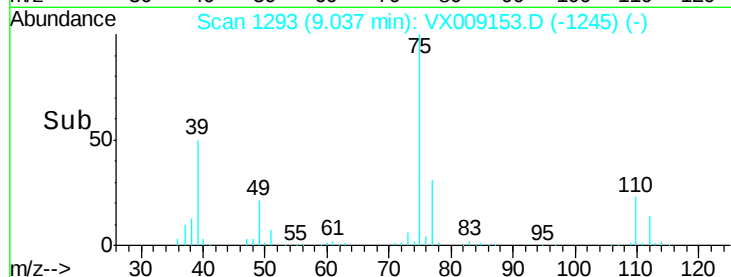
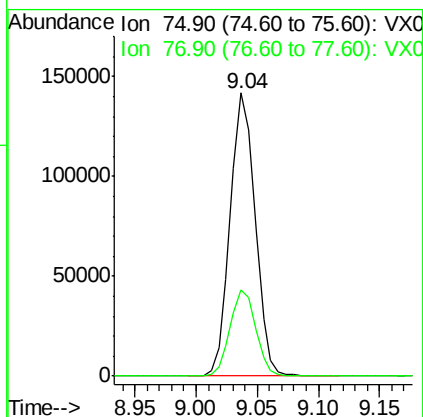
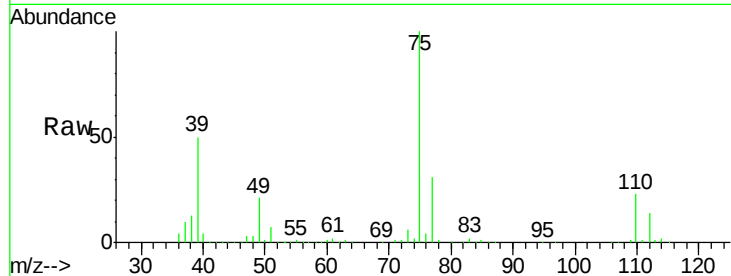




#53
t-1,3-Dichloropropene
Concen: 52.995 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX009153.D
Acq: 25 Apr 2019 11:10

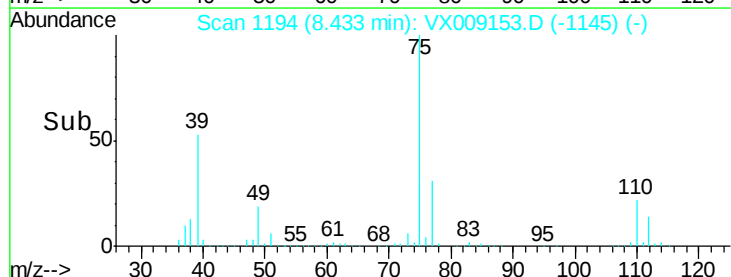
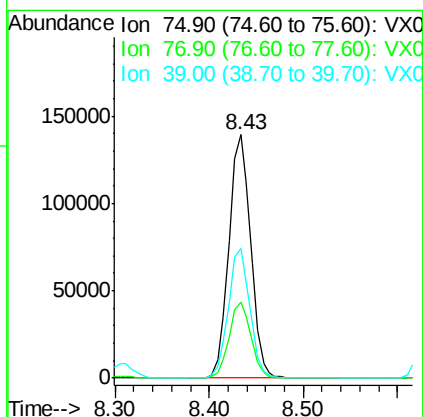
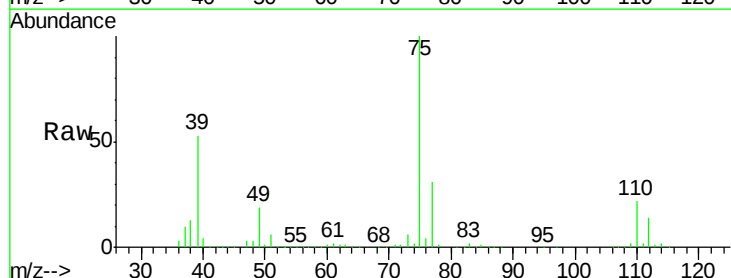
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

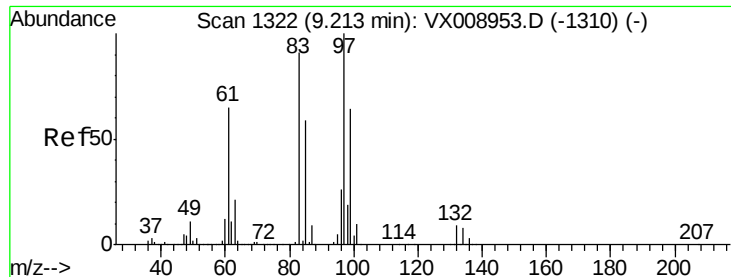
Tot Ion: 75 Resp: 201432
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 52.556 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX009153.D
Acq: 25 Apr 2019 11:10

Tgt Ion: 75 Resp: 223680
Ion Ratio Lower Upper
75 100
77 31.2 24.8 37.2
39 53.3 41.8 62.6

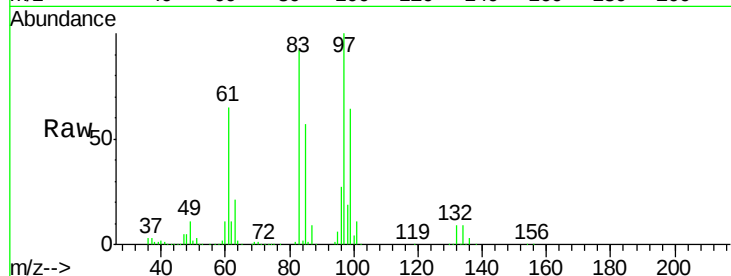




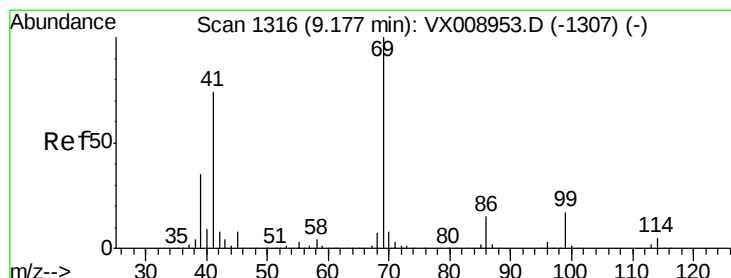
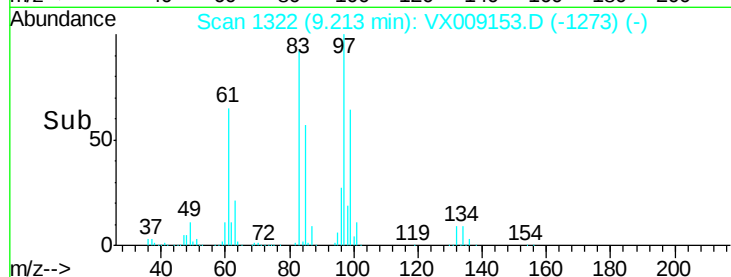
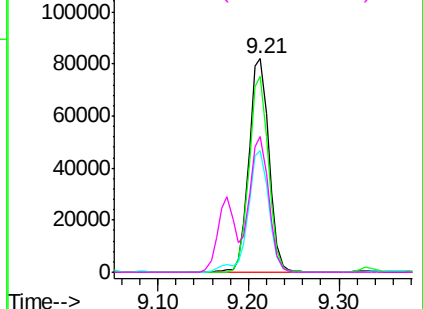
#55
 1,1,2-Trichloroethane
 Concen: 50.688 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009153.D
 Acq: 25 Apr 2019 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	125567
Ion	Ratio	Lower	Upper
97	100		
83	92.0	72.6	108.8
85	57.1	46.9	70.3
99	63.6	51.0	76.6

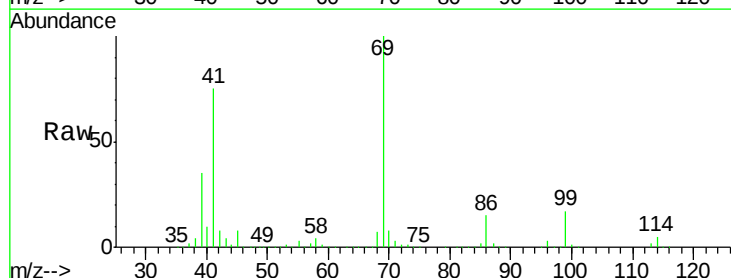


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

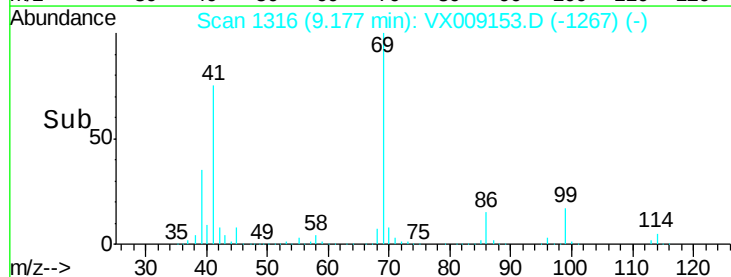
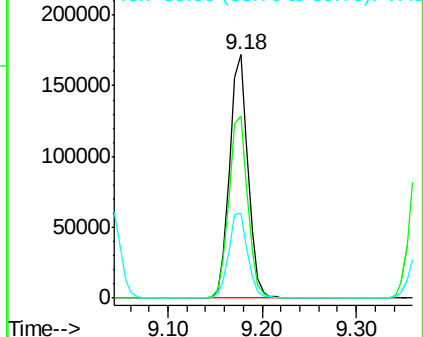


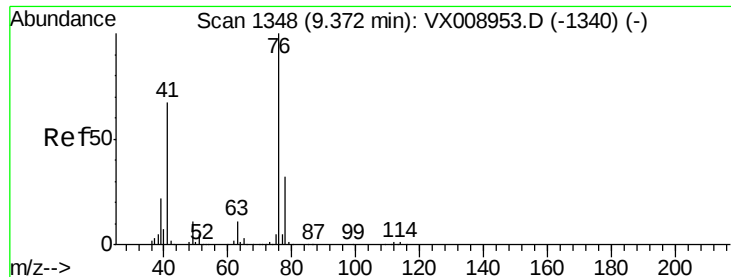
#56
 Ethyl methacrylate
 Concen: 52.438 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009153.D
 Acq: 25 Apr 2019 11:10

Tgt Ion:	69	Resp:	232927
Ion	Ratio	Lower	Upper
69	100		
41	76.6	60.2	90.2
39	35.8	27.9	41.9



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





#57

1,3-Dichloropropane

Concen: 50.836 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX009153.D

Acq: 25 Apr 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

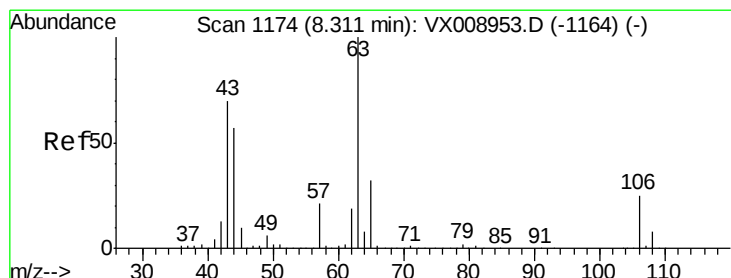
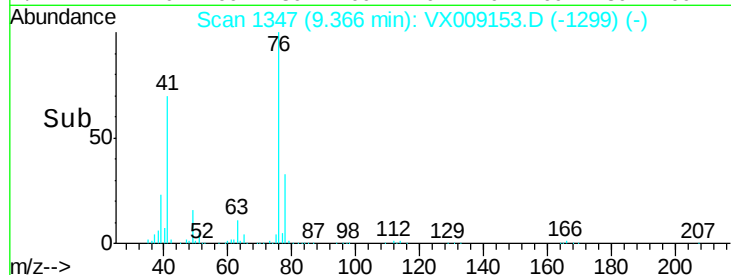
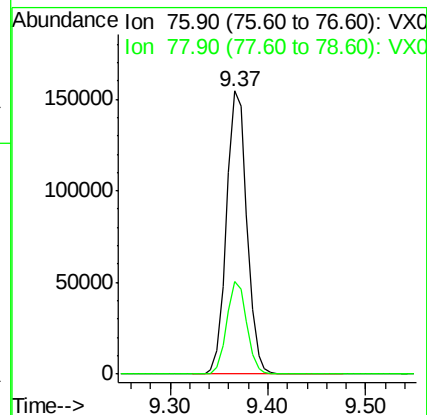
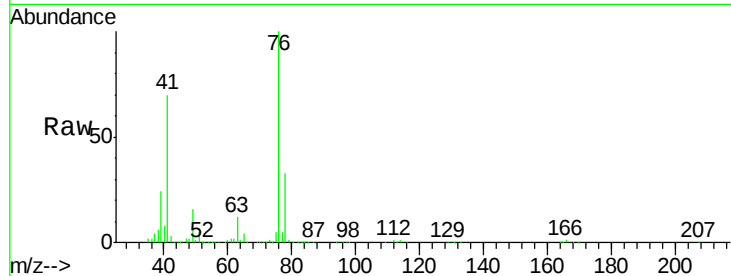
VSTDCCC050

Tot Ion: 76 Resp: 224227

Ion Ratio Lower Upper

76 100

78 32.1 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 279.202 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX009153.D

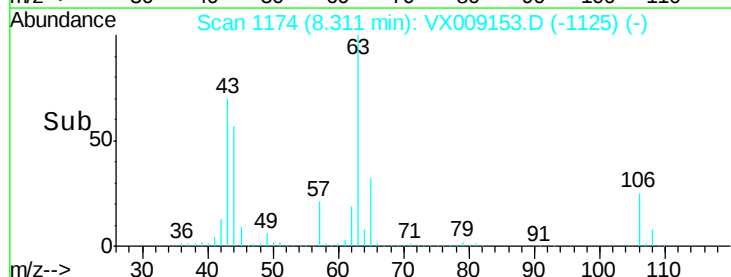
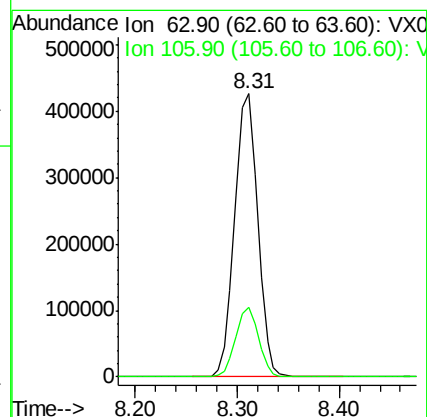
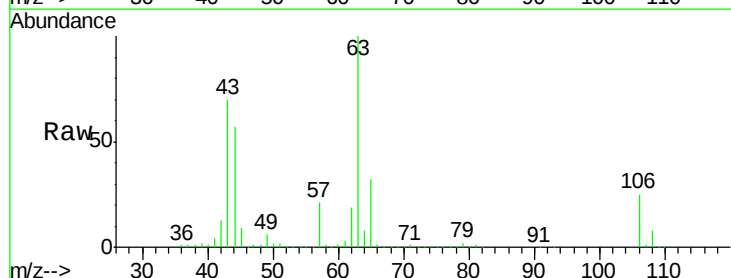
Acq: 25 Apr 2019 11:10

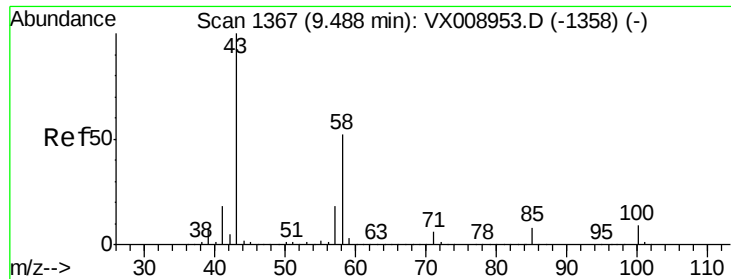
Tgt Ion: 63 Resp: 667853

Ion Ratio Lower Upper

63 100

106 24.4 19.8 29.6

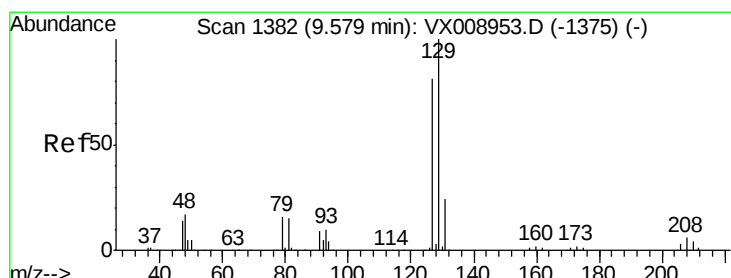
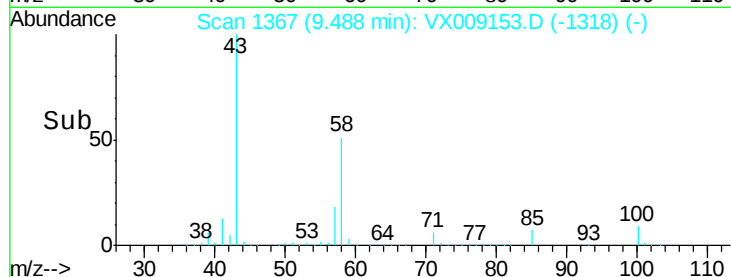
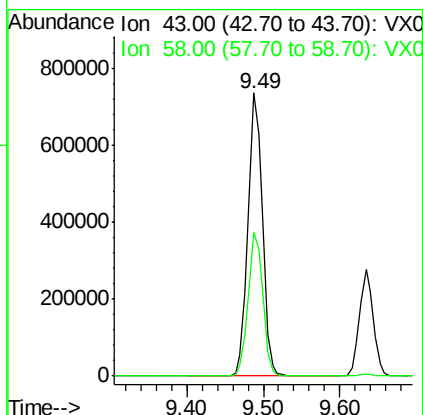
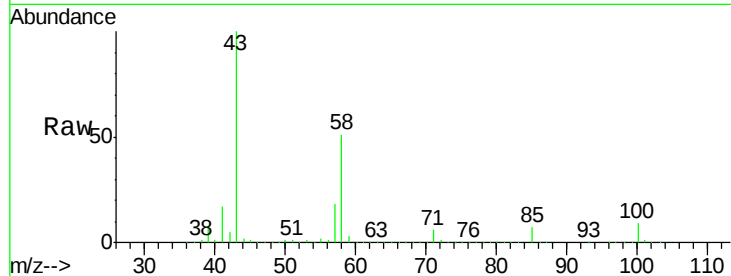




#59
2-Hexanone
Concen: 269.400 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009153.D
Acq: 25 Apr 2019 11:10

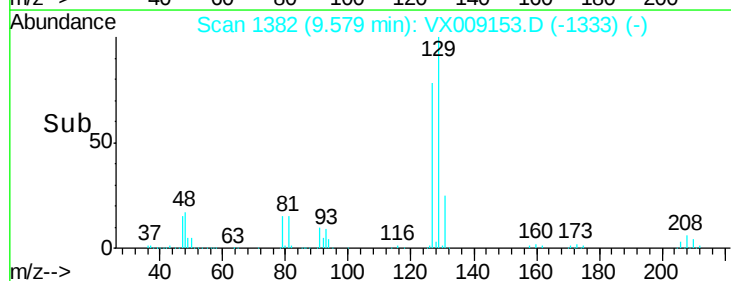
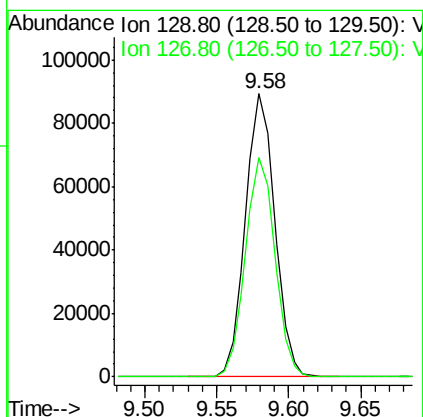
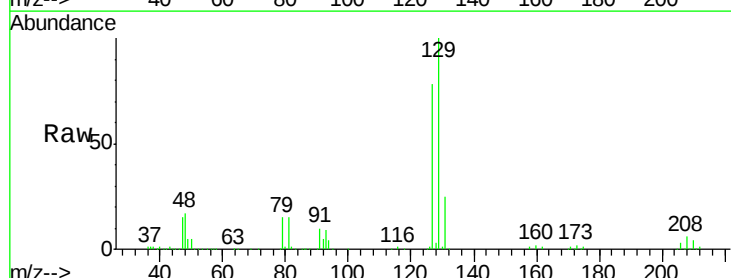
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

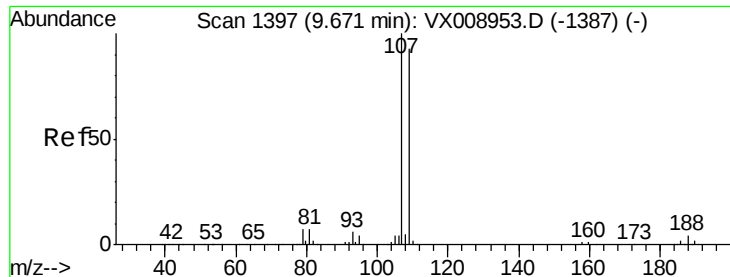
Tot Ion: 43 Resp: 970045
Ion Ratio Lower Upper
43 100
58 51.4 25.9 77.8



#60
Dibromochloromethane
Concen: 53.162 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009153.D
Acq: 25 Apr 2019 11:10

Tgt Ion: 129 Resp: 126219
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.2





#61

1,2-Dibromoethane

Concen: 50.810 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009153.D

Acq: 25 Apr 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

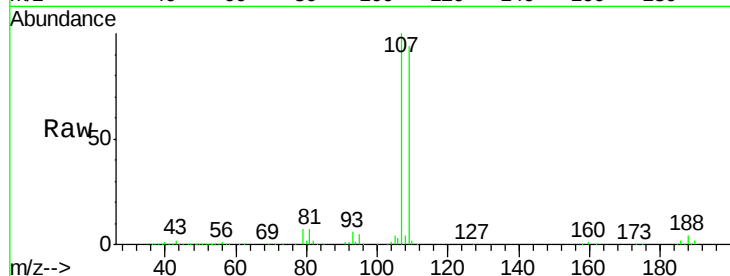
VSTDCCC050

Tot Ion: 107 Resp: 129908

Ion Ratio Lower Upper

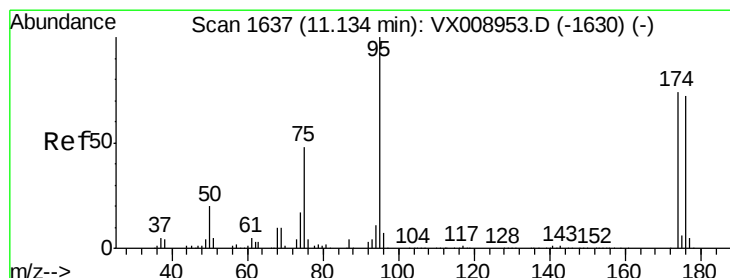
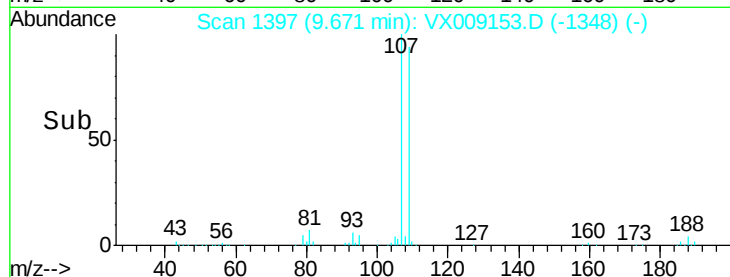
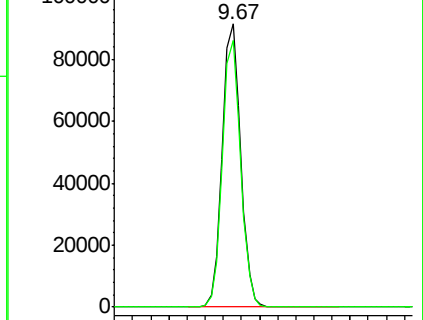
107 100

109 93.7 74.4 111.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.801 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009153.D

Acq: 25 Apr 2019 11:10

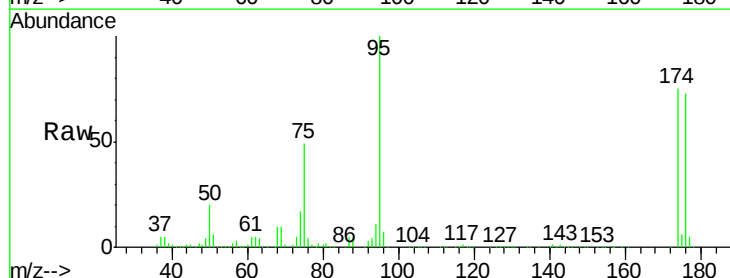
Tgt Ion: 95 Resp: 147630

Ion Ratio Lower Upper

95 100

174 79.3 0.0 159.6

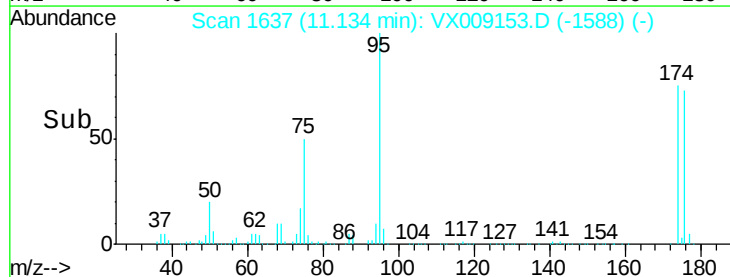
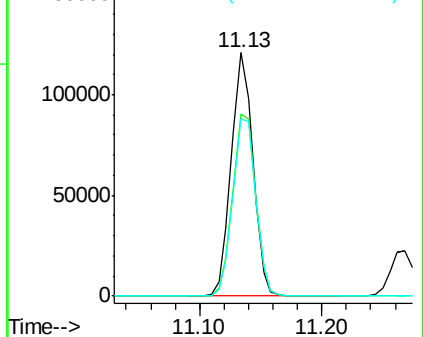
176 77.4 0.0 154.8

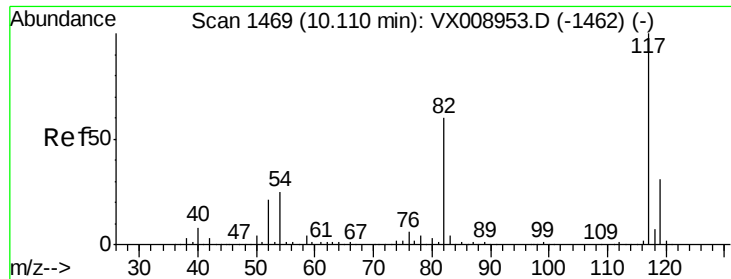


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

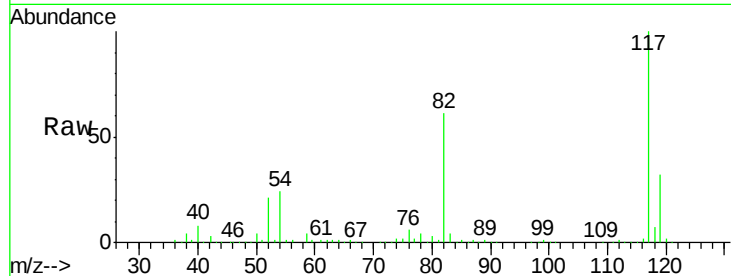




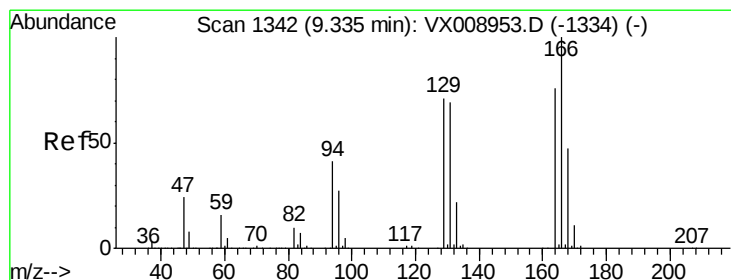
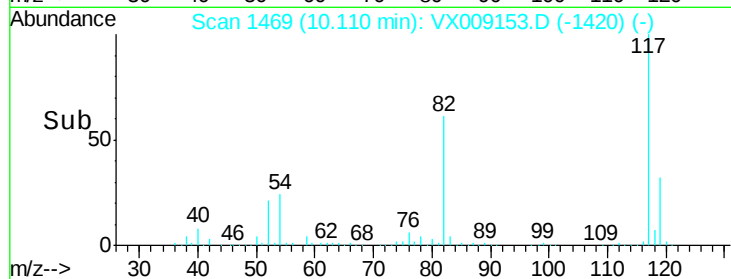
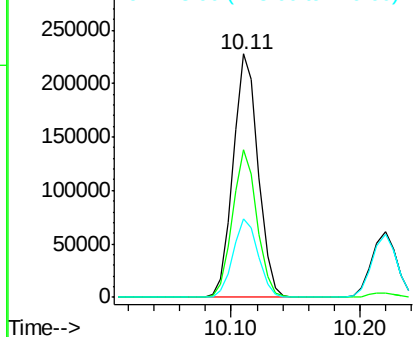
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009153.D
Acq: 25 Apr 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 308336
Ion Ratio Lower Upper
117 100
82 60.6 48.2 72.4
119 32.2 25.0 37.6



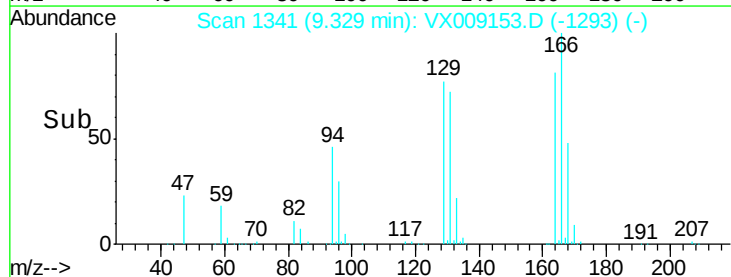
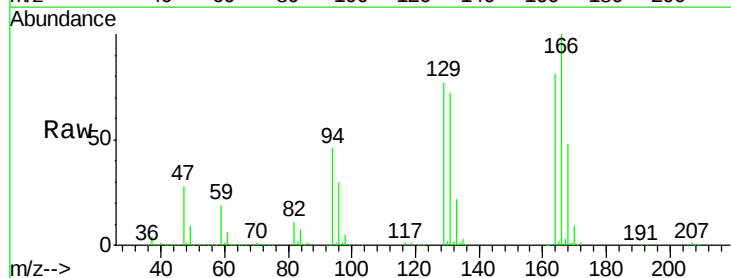
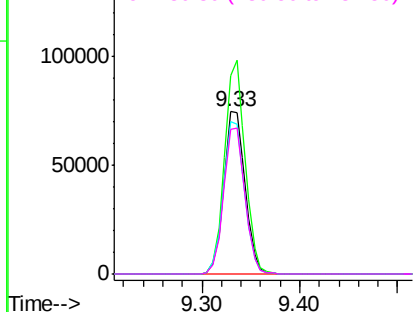
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

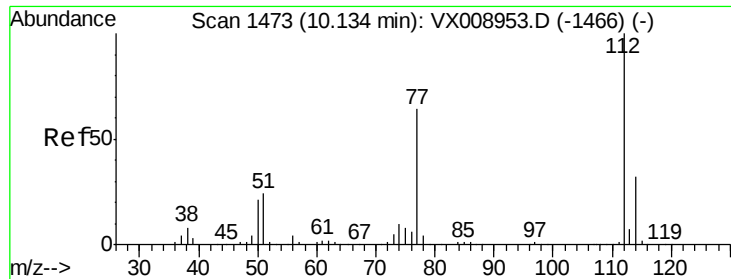


#64
Tetrachloroethene
Concen: 48.167 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX009153.D
Acq: 25 Apr 2019 11:10

Tgt Ion:164 Resp: 112826
Ion Ratio Lower Upper
164 100
166 122.8 105.0 157.4
129 94.2 74.2 111.4
131 89.0 72.2 108.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 50.170 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX009153.D

Acq: 25 Apr 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

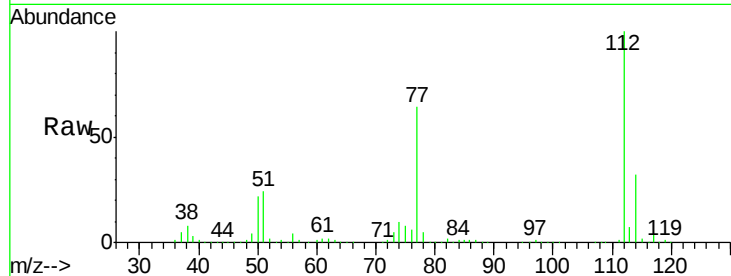
VSTDCCC050

Tot Ion:112 Resp: 326517

Ion Ratio Lower Upper

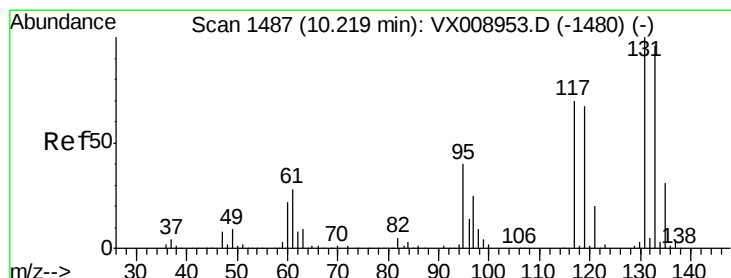
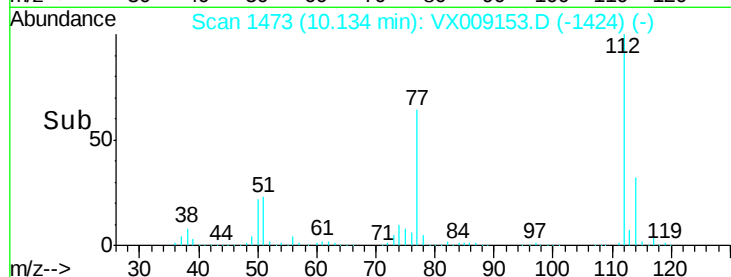
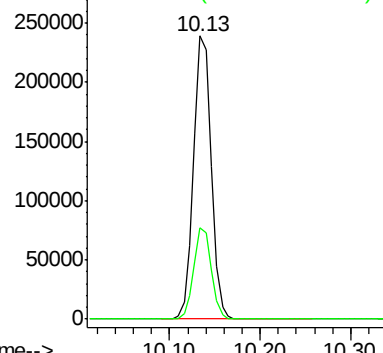
112 100

114 32.2 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.770 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX009153.D

Acq: 25 Apr 2019 11:10

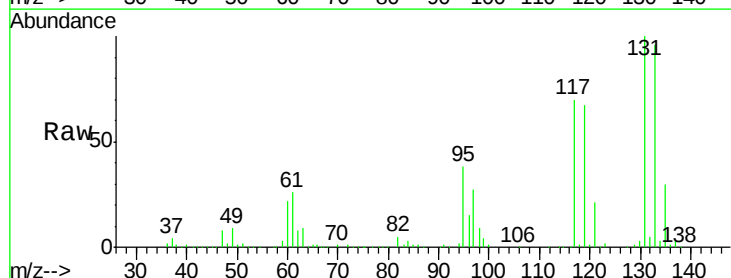
Tgt Ion:131 Resp: 116402

Ion Ratio Lower Upper

131 100

133 96.7 48.0 144.2

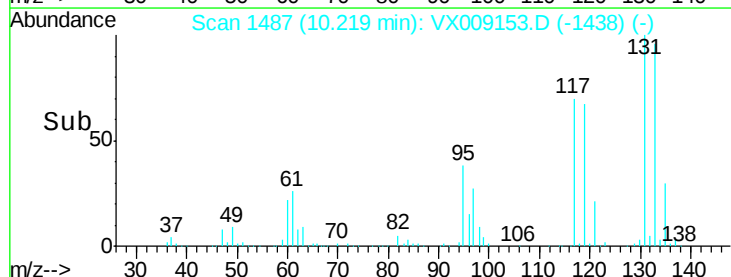
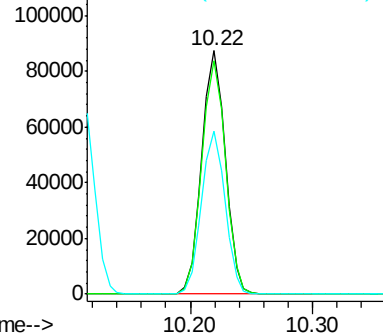
119 67.3 33.7 101.1

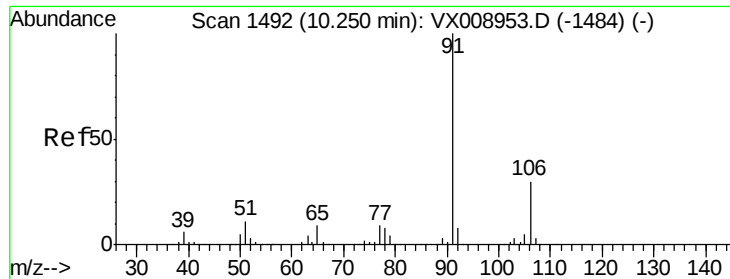


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

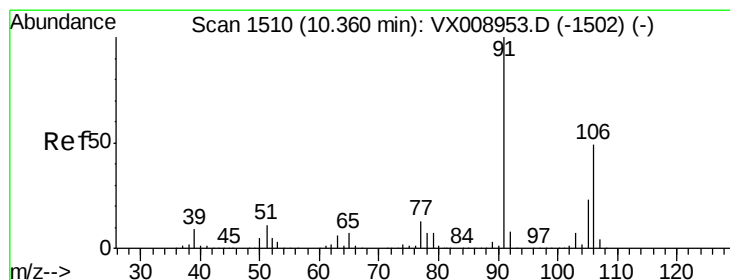
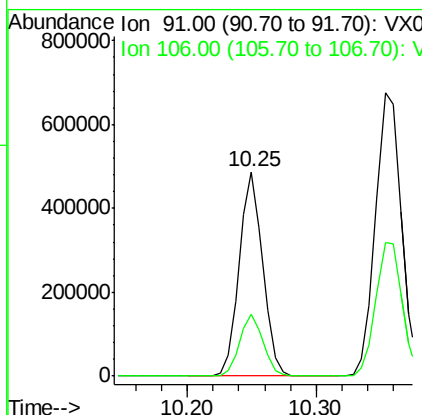
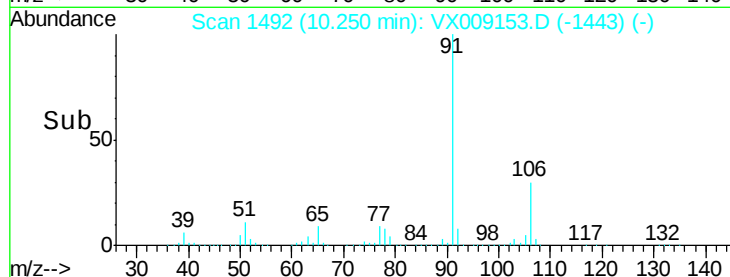
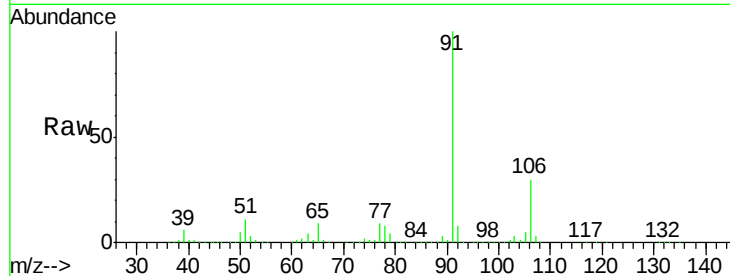




#67
Ethyl Benzene
Concen: 51.640 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009153.D
Acq: 25 Apr 2019 11:10

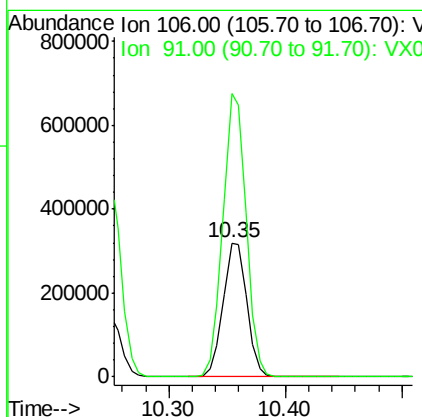
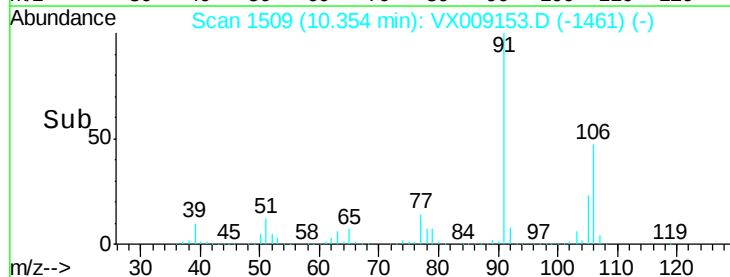
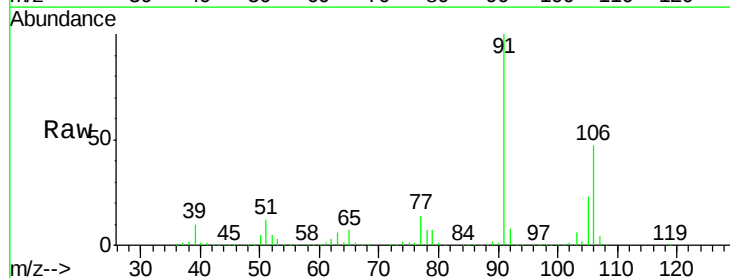
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

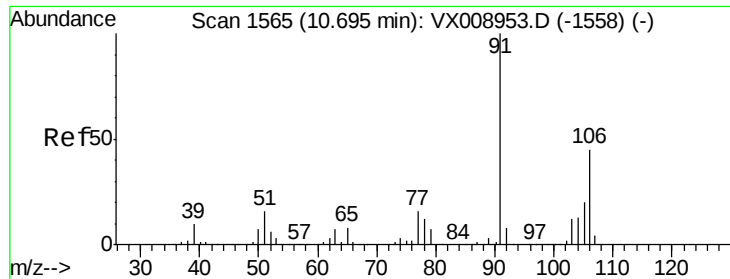
Tot Ion: 91 Resp: 614374
Ion Ratio Lower Upper
91 100
106 30.1 24.3 36.5



#68
m/p-Xylenes
Concen: 103.902 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX009153.D
Acq: 25 Apr 2019 11:10

Tgt Ion: 106 Resp: 449244
Ion Ratio Lower Upper
106 100
91 207.5 165.4 248.2

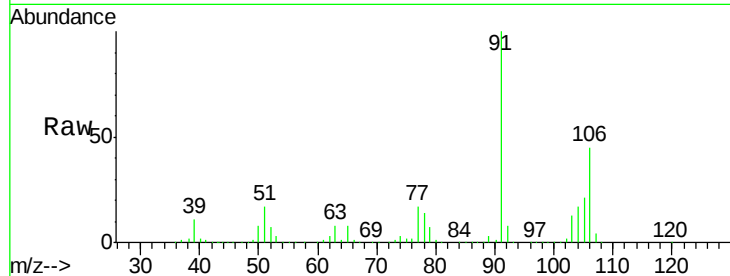




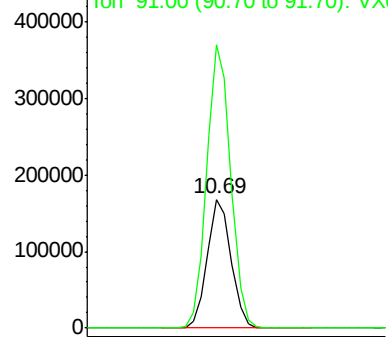
#69
o-Xylene
Concen: 51.459 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX009153.D
Acq: 25 Apr 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

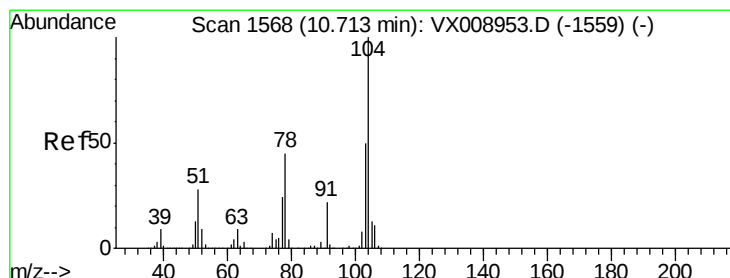
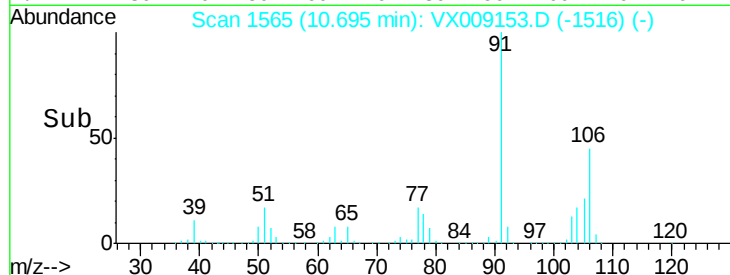
Tot Ion:106 Resp: 216491
Ion Ratio Lower Upper
106 100
91 220.7 108.9 326.7



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

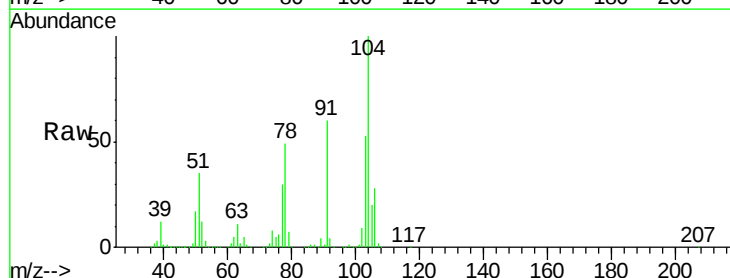


Time--> 10.60 10.70 10.80

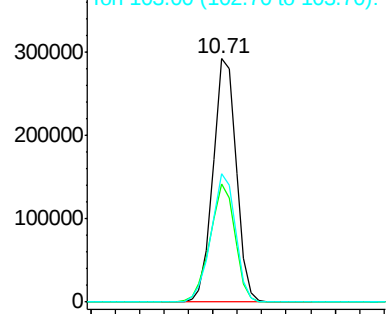


#70
Styrene
Concen: 52.543 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009153.D
Acq: 25 Apr 2019 11:10

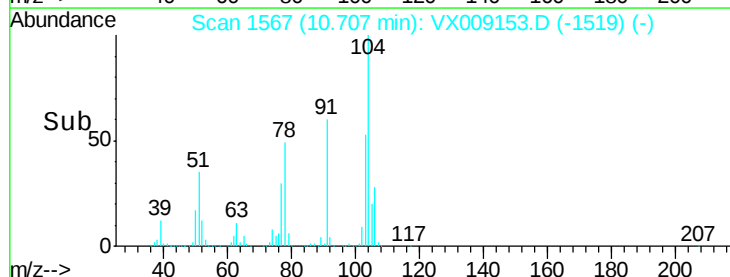
Tgt Ion:104 Resp: 383064
Ion Ratio Lower Upper
104 100
78 52.2 41.2 61.8
103 55.5 43.9 65.9

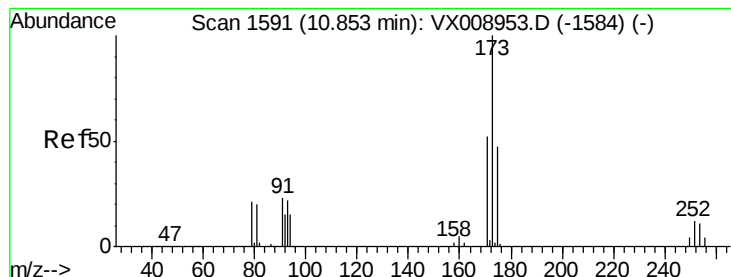


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time--> 10.60 10.70 10.80





#71

Bromoform

Concen: 52.985 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009153.D

Acq: 25 Apr 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

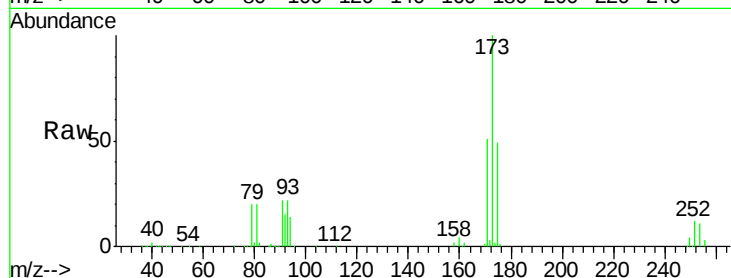
Tot Ion:173 Resp: 96781

Ion Ratio Lower Upper

173 100

175 48.9 23.9 71.8

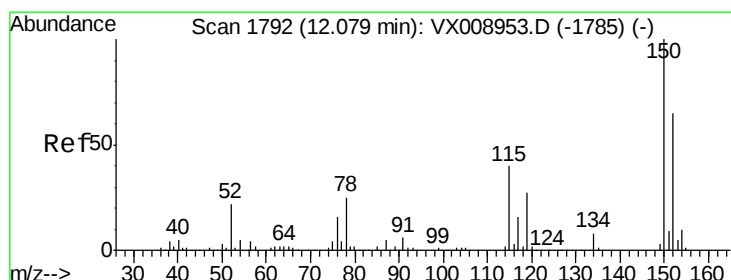
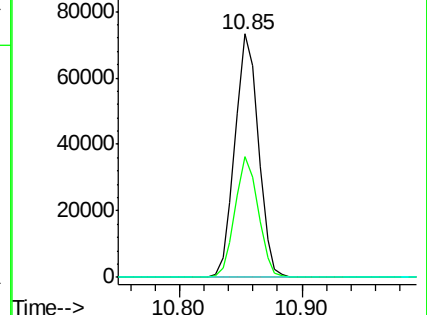
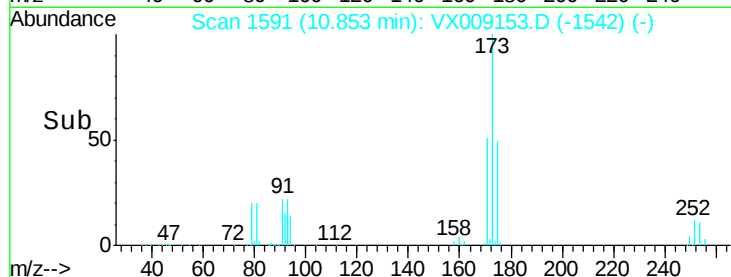
254 0.1 0.2 0.4#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009153.D

Acq: 25 Apr 2019 11:10

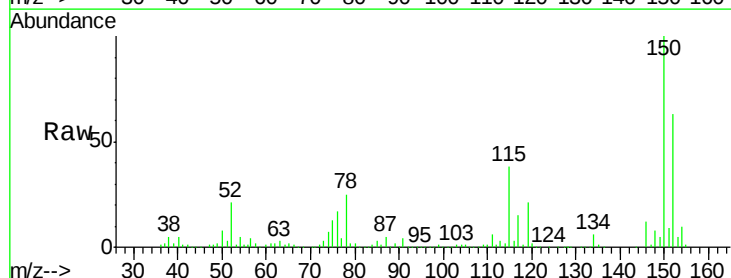
Tgt Ion:152 Resp: 155404

Ion Ratio Lower Upper

152 100

115 83.1 41.4 124.2

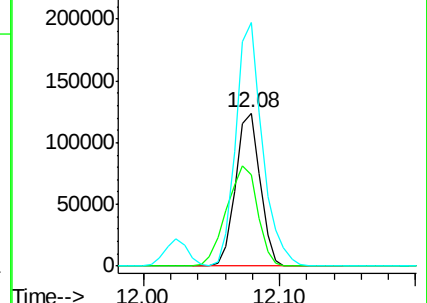
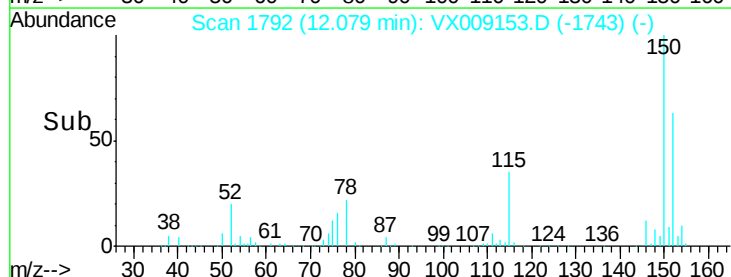
150 172.6 0.0 349.8

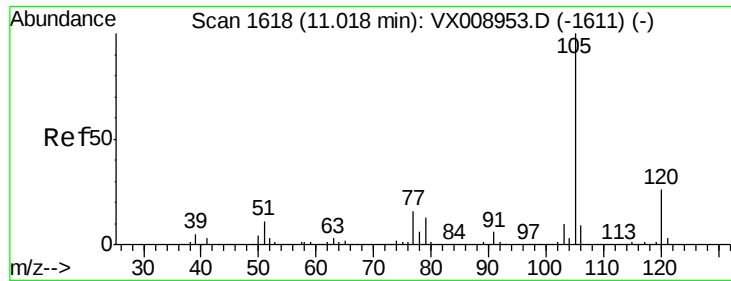


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.699 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009153.D

Acq: 25 Apr 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

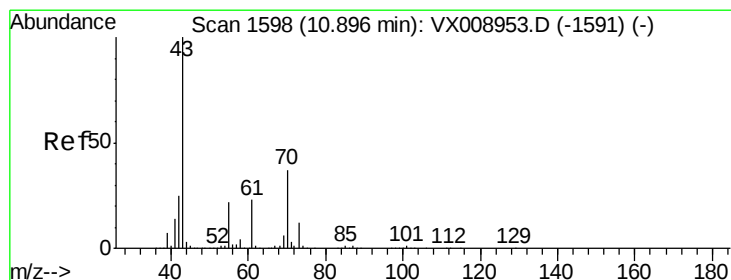
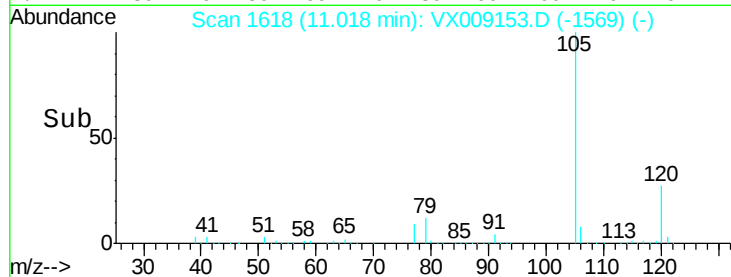
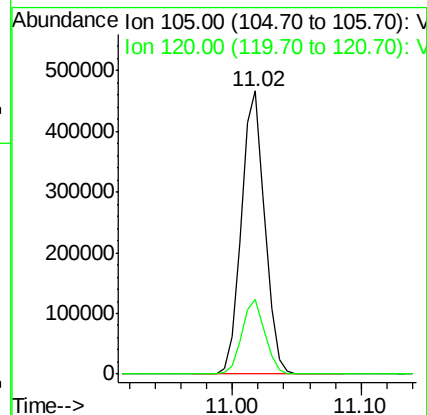
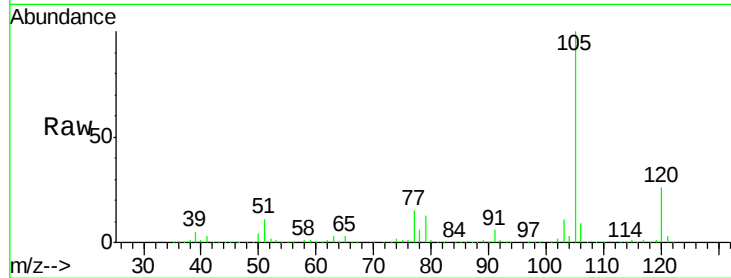
VSTDCCC050

Tot Ion:105 Resp: 585427

Ion Ratio Lower Upper

105 100

120 26.0 12.9 38.7



#74

N-ethyl acetate

Concen: 51.404 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009153.D

Acq: 25 Apr 2019 11:10

Tgt Ion: 43 Resp: 347672

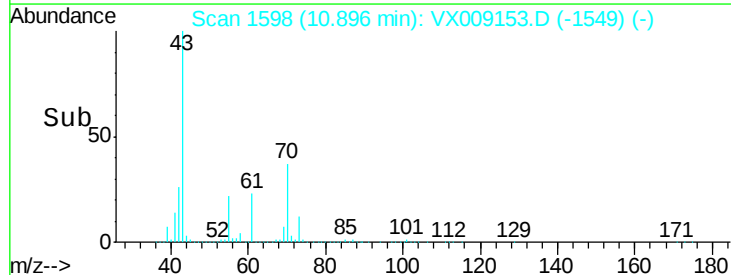
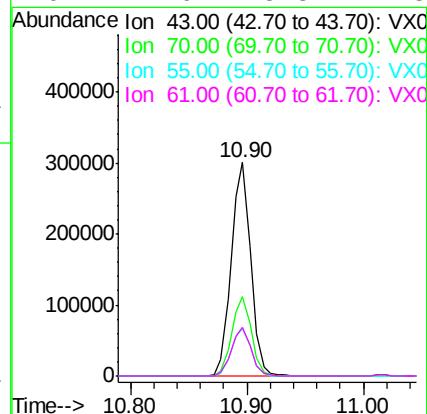
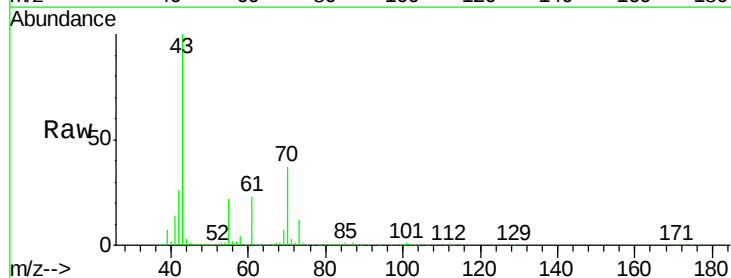
Ion Ratio Lower Upper

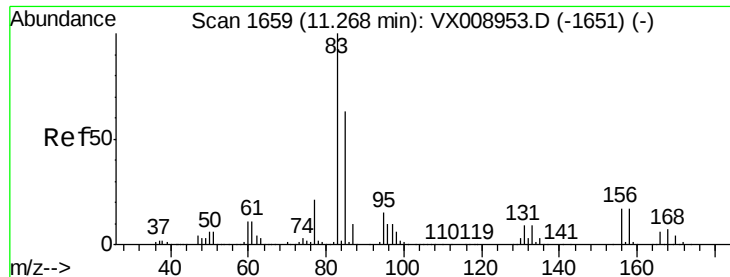
43 100

70 37.2 29.9 44.9

55 22.6 17.8 26.8

61 22.6 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 48.710 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009153.D

Acq: 25 Apr 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

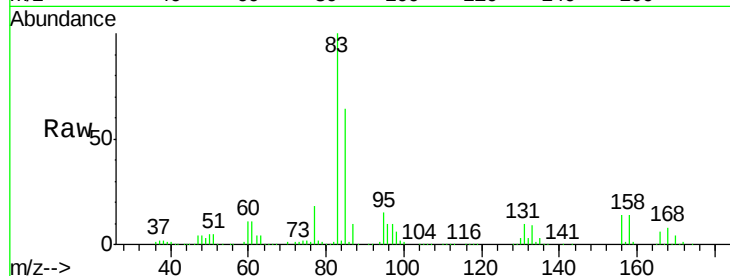
Tot Ion: 83 Resp: 209647

Ion Ratio Lower Upper

83 100

131 9.3 4.7 14.0

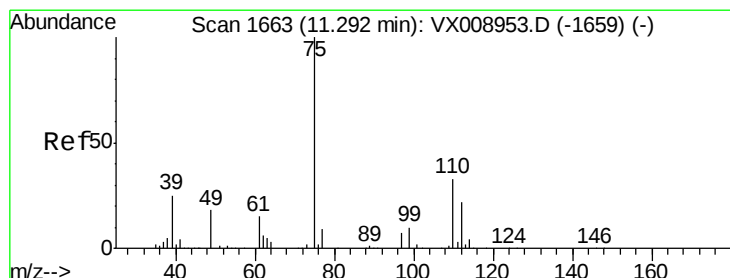
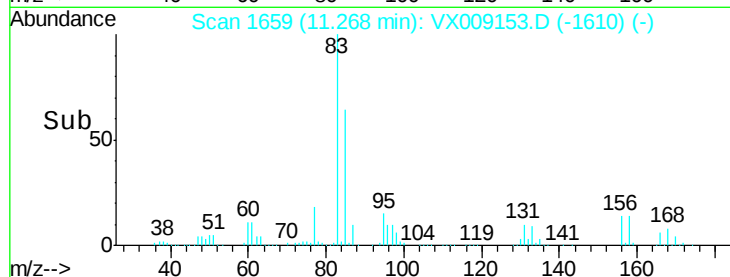
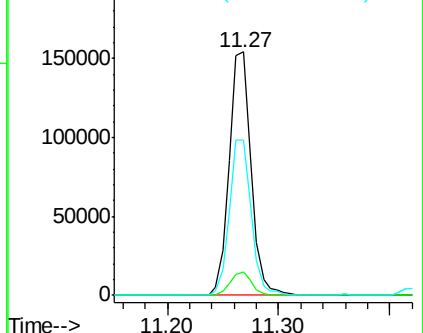
85 64.1 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 66.798 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009153.D

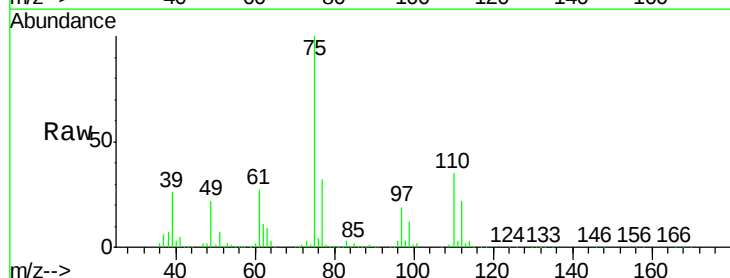
Acq: 25 Apr 2019 11:10

Tgt Ion: 75 Resp: 253476

Ion Ratio Lower Upper

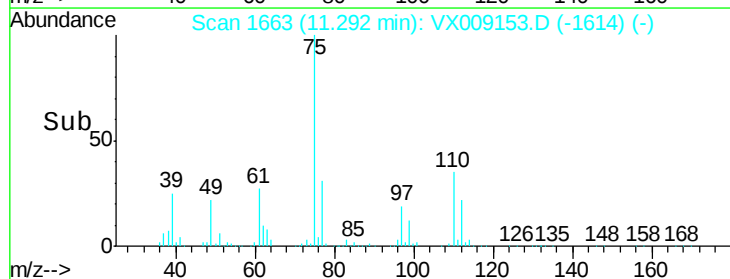
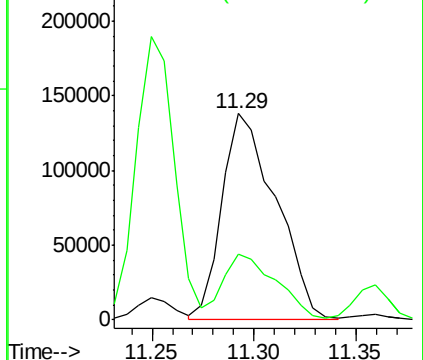
75 100

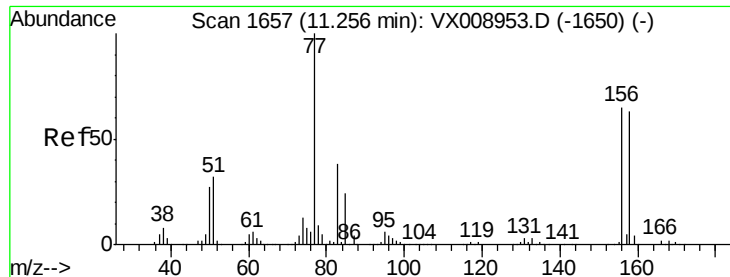
77 31.5 22.7 68.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.657 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009153.D

Acq: 25 Apr 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

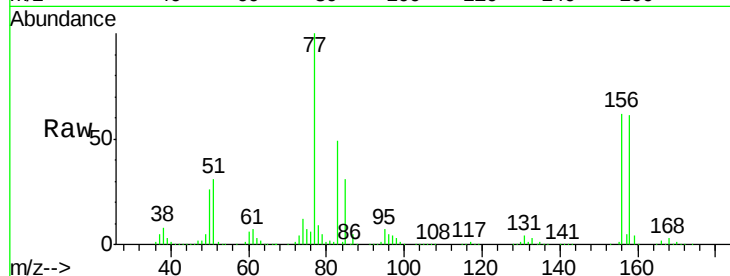
Tot Ion:156 Resp: 141638

Ion Ratio Lower Upper

156 100

77 174.5 85.4 256.1

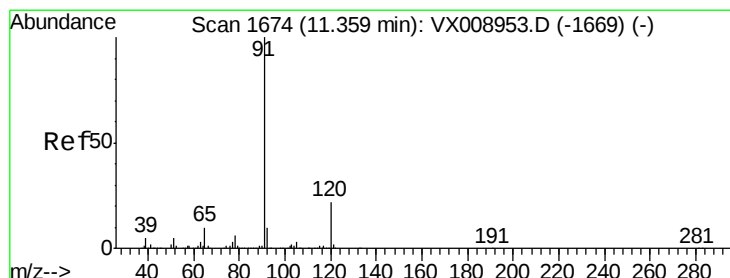
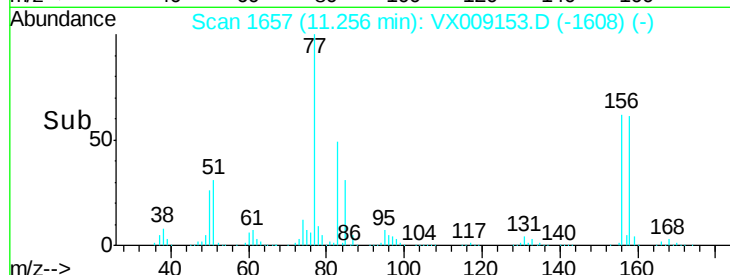
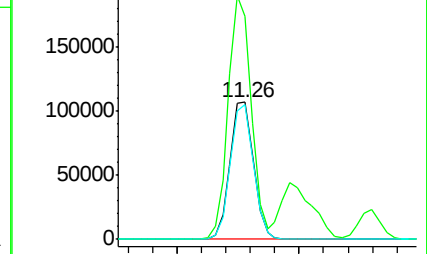
158 97.2 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.590 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009153.D

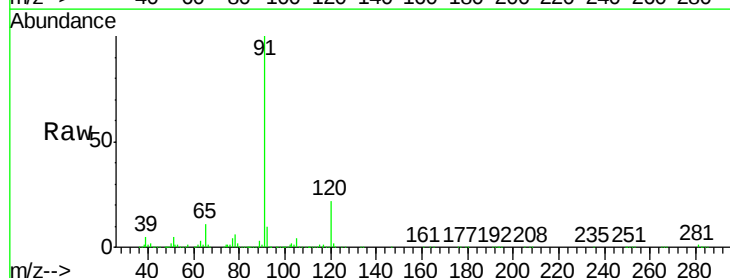
Acq: 25 Apr 2019 11:10

Tgt Ion: 91 Resp: 697498

Ion Ratio Lower Upper

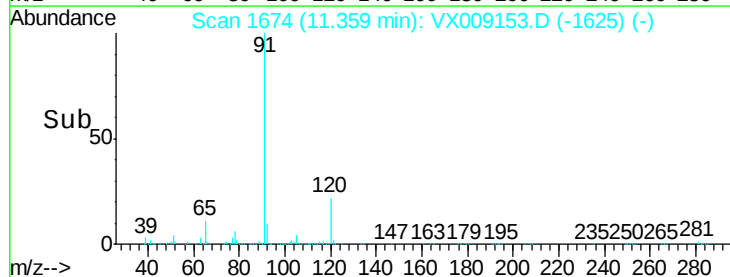
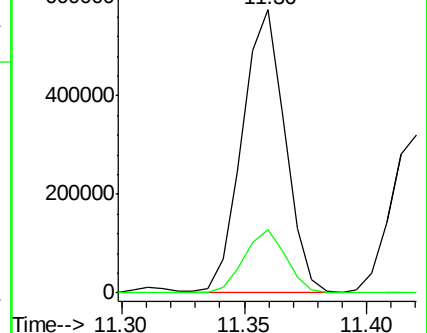
91 100

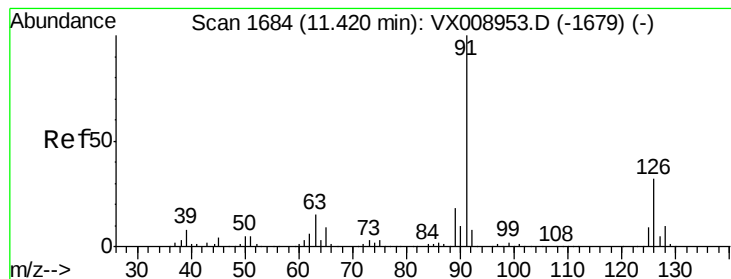
120 22.1 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.451 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009153.D

Acq: 25 Apr 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

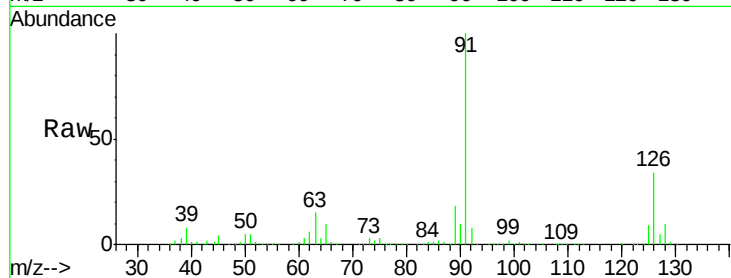
VSTDCCC050

Tot Ion: 91 Resp: 402888

Ion Ratio Lower Upper

91 100

126 32.8 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX008953.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008953.D (-1679) (-)

600000

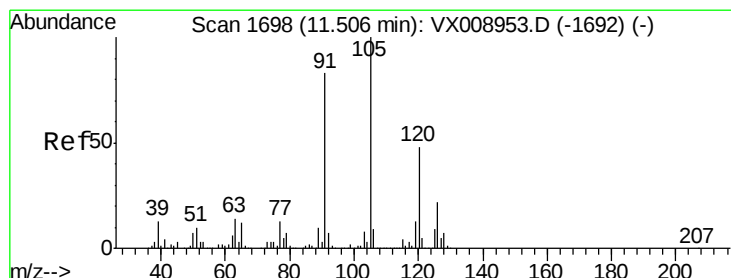
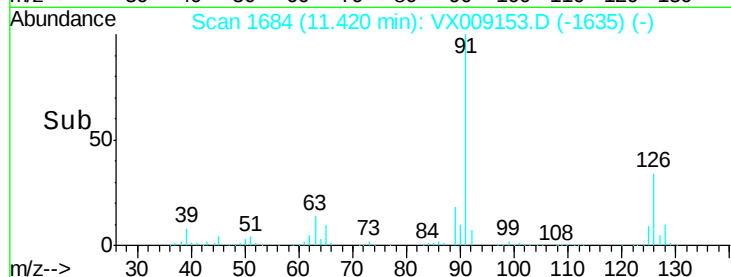
400000

200000

0

11.40 11.42 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.010 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009153.D

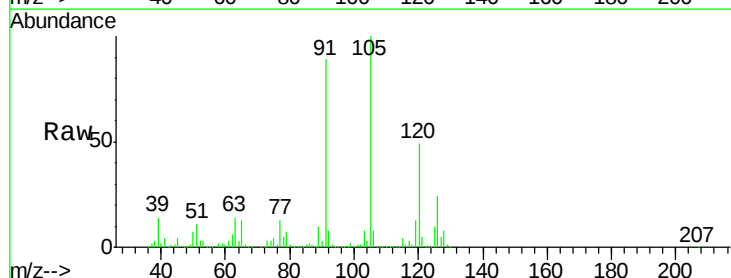
Acq: 25 Apr 2019 11:10

Tgt Ion: 105 Resp: 504225

Ion Ratio Lower Upper

105 100

120 48.0 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX008953.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008953.D (-1692) (-)

500000

400000

300000

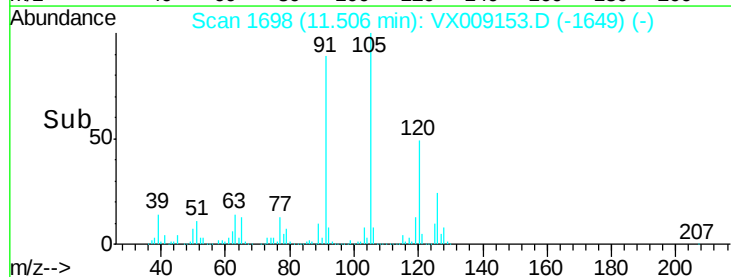
200000

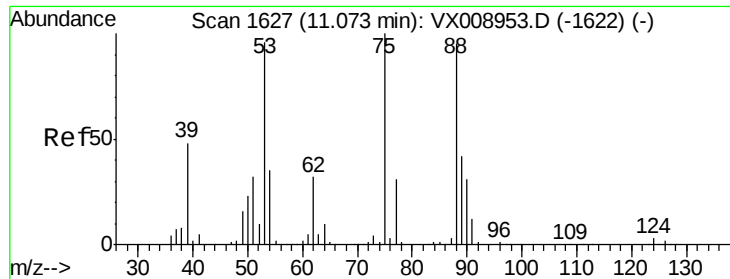
100000

0

11.50 11.51 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 51.055 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009153.D

Acq: 25 Apr 2019 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

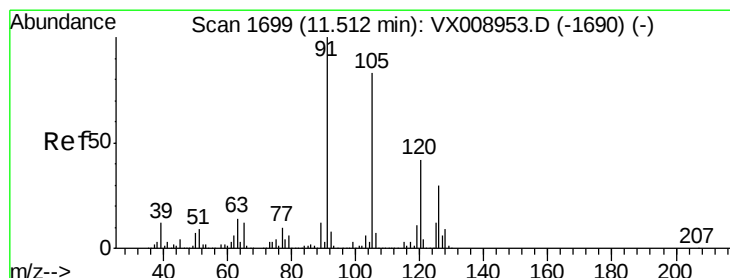
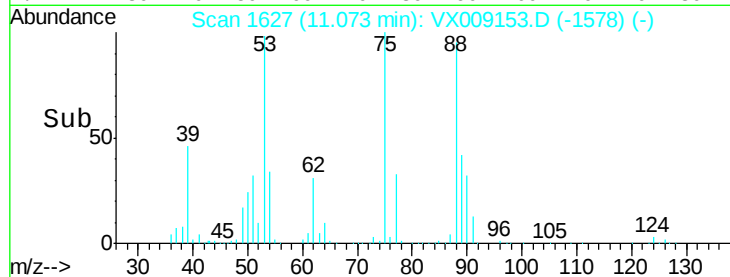
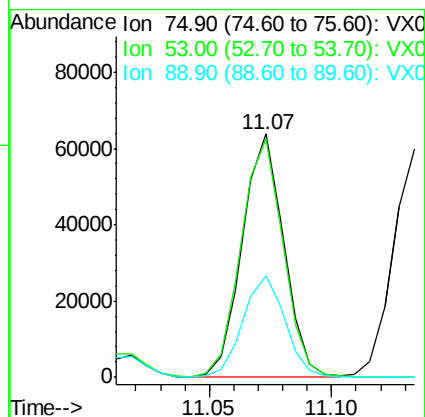
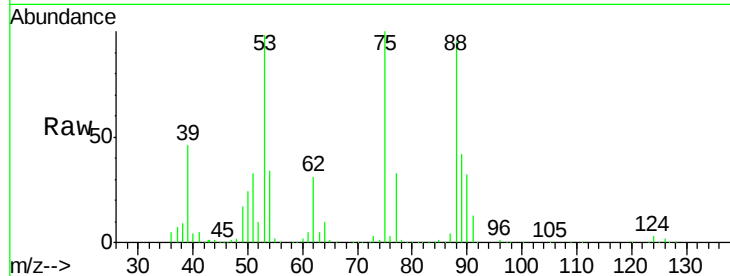
Tot Ion: 75 Resp: 75464

Ion Ratio Lower Upper

75 100

53 99.3 78.2 117.4

89 42.6 36.0 54.0



#82

4-Chlorotoluene

Concen: 50.162 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX009153.D

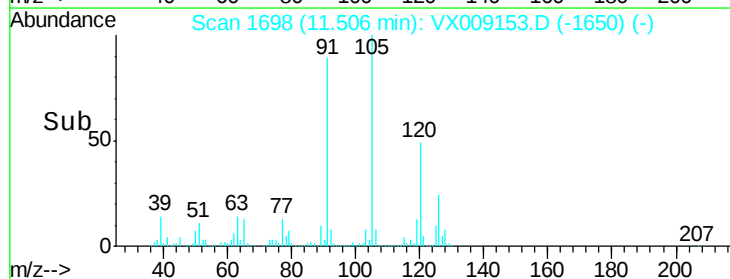
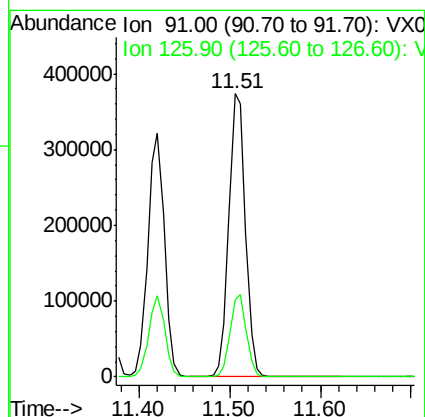
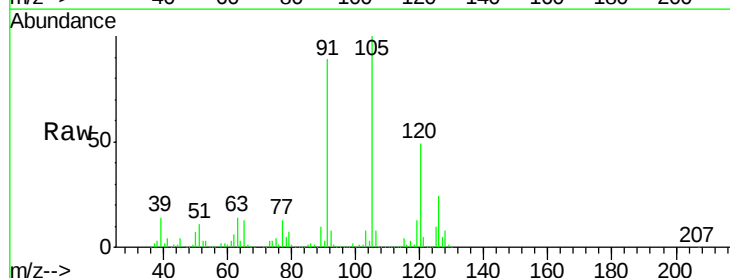
Acq: 25 Apr 2019 11:10

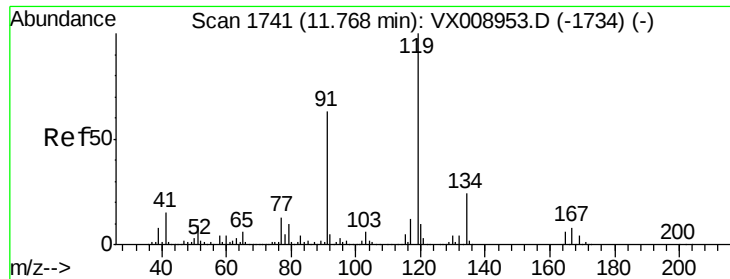
Tgt Ion: 91 Resp: 474633

Ion Ratio Lower Upper

91 100

126 28.4 14.3 42.9

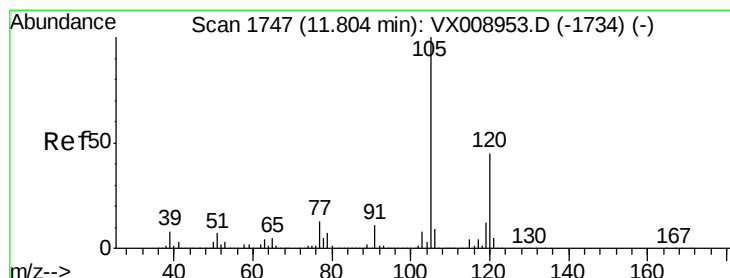
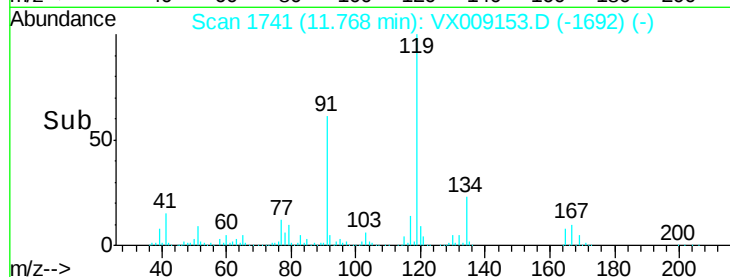
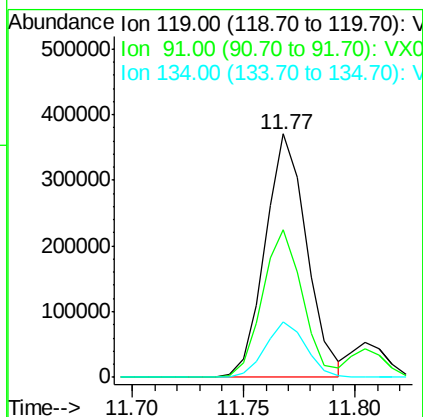
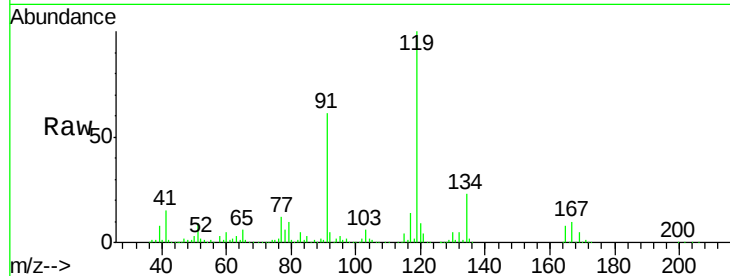




#83
tert-Butylbenzene
Concen: 50.450 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009153.D
Acq: 25 Apr 2019 11:10

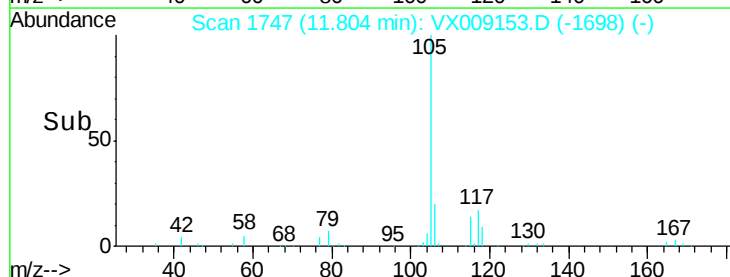
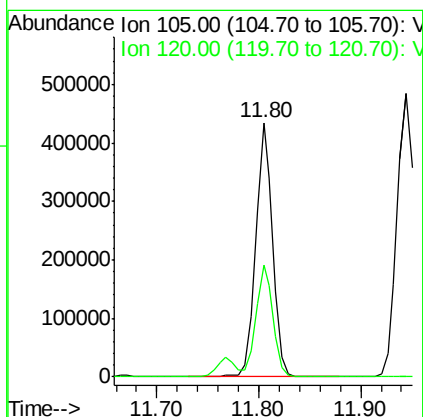
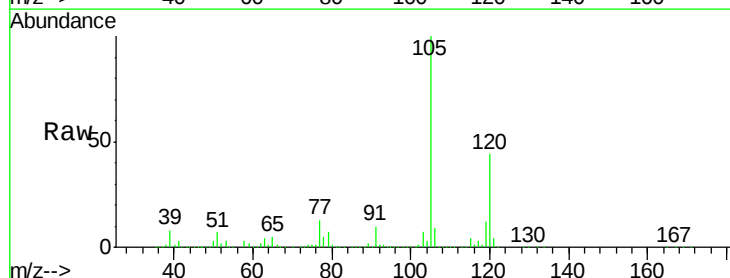
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:119 Resp: 478785
Ion Ratio Lower Upper
119 100
91 59.1 29.7 89.1
134 22.3 11.2 33.5



#84
1,2,4-Trimethylbenzene
Concen: 50.235 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX009153.D
Acq: 25 Apr 2019 11:10

Tgt Ion:105 Resp: 505466
Ion Ratio Lower Upper
105 100
120 43.8 21.9 65.8

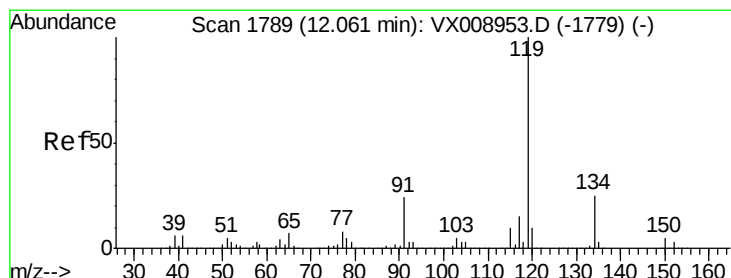
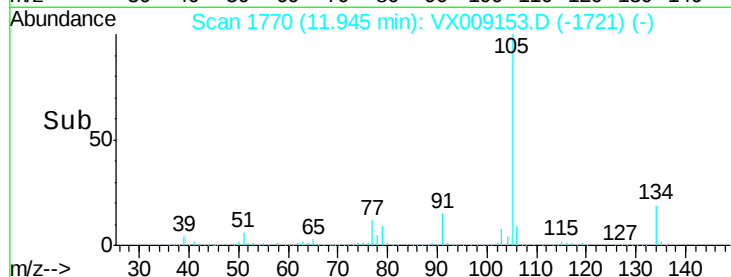
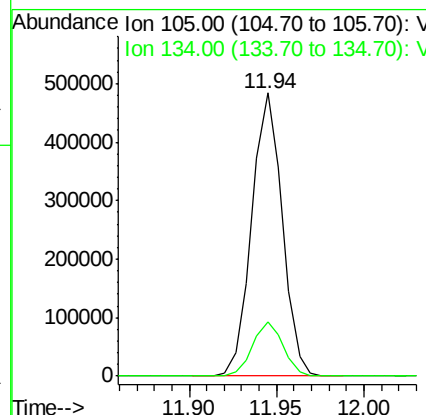
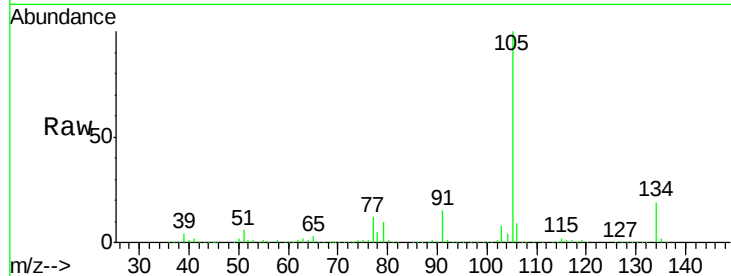




#85
 sec-Butylbenzene
 Concen: 51.819 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX009153.D
 Acq: 25 Apr 2019 11:10

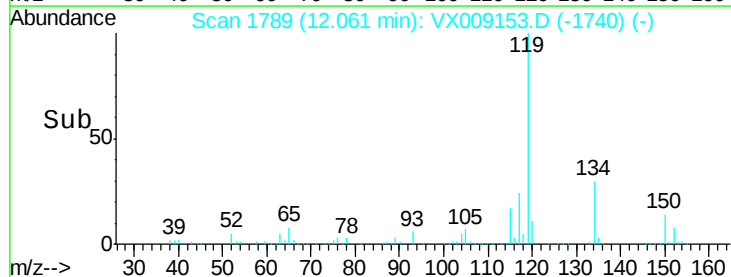
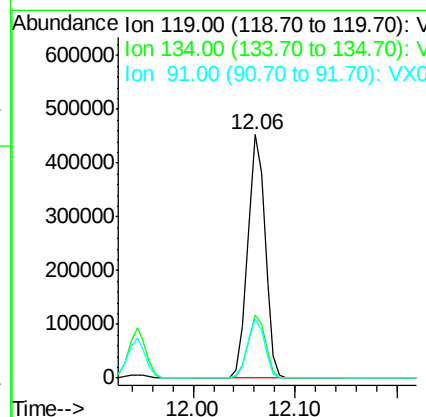
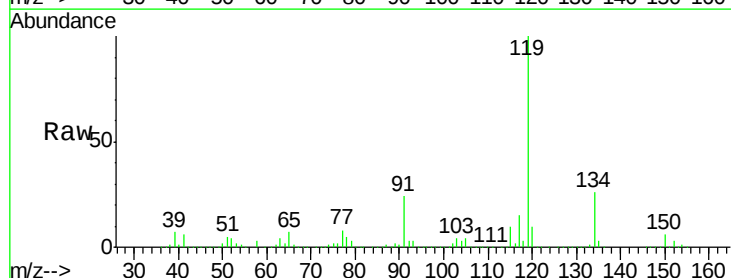
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

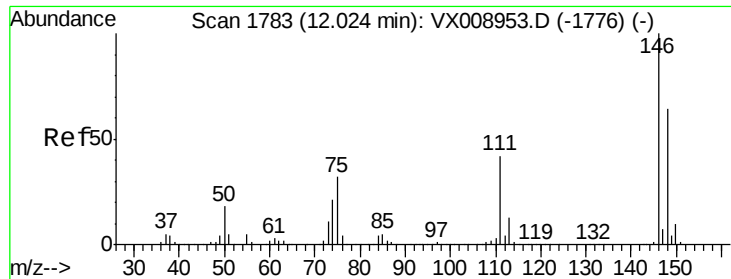
Tot Ion:105 Resp: 586527
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 51.081 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX009153.D
 Acq: 25 Apr 2019 11:10

Tgt Ion:119 Resp: 531566
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.6
 91 24.0 11.9 35.5

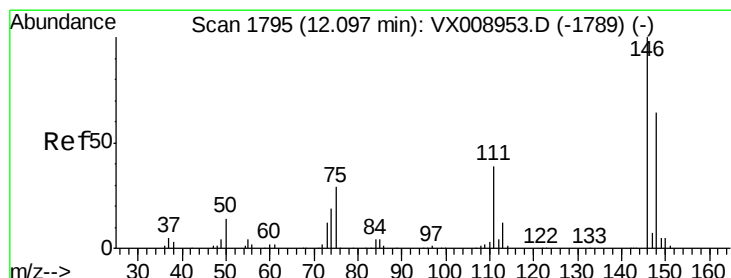
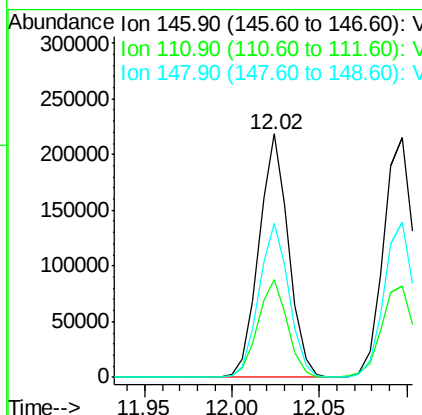
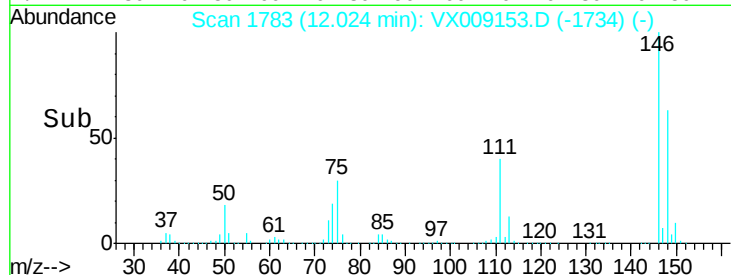
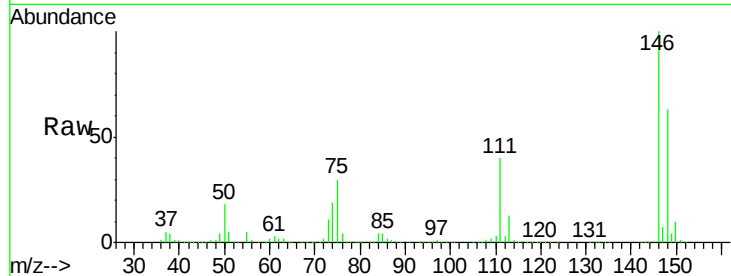




#87
 1,3-Dichlorobenzene
 Concen: 49.819 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009153.D
 Acq: 25 Apr 2019 11:10

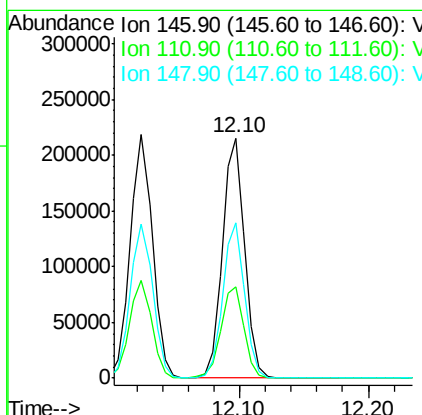
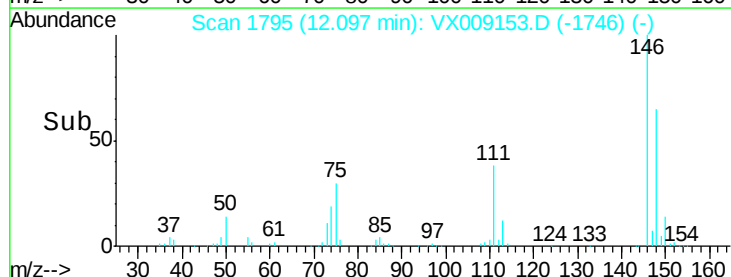
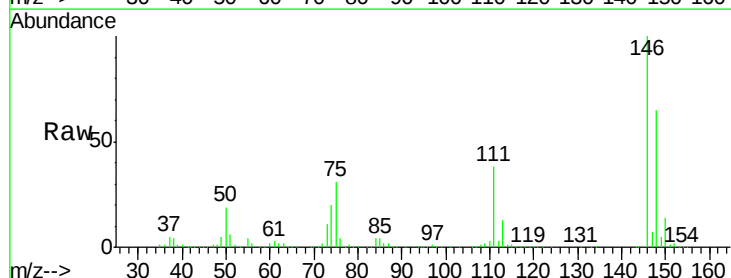
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

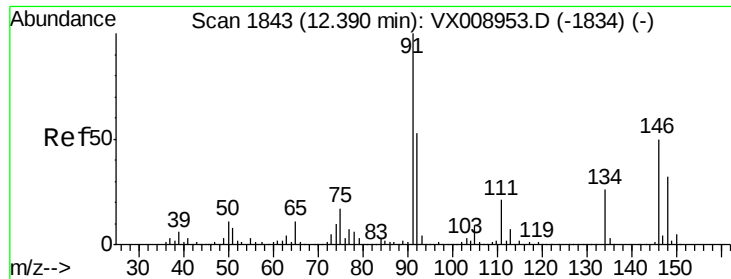
Tot Ion:146 Resp: 259148
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.5 61.6
 148 64.1 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 49.439 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009153.D
 Acq: 25 Apr 2019 11:10

Tgt Ion:146 Resp: 260696
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.0 59.9
 148 64.1 32.2 96.6

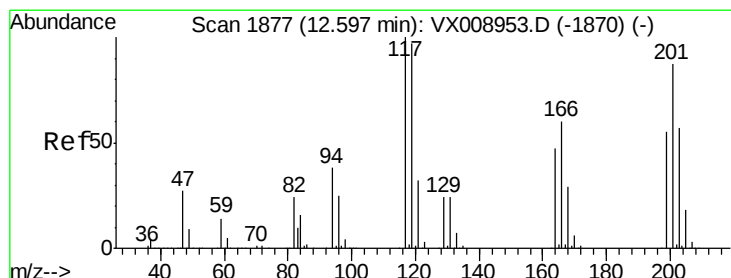
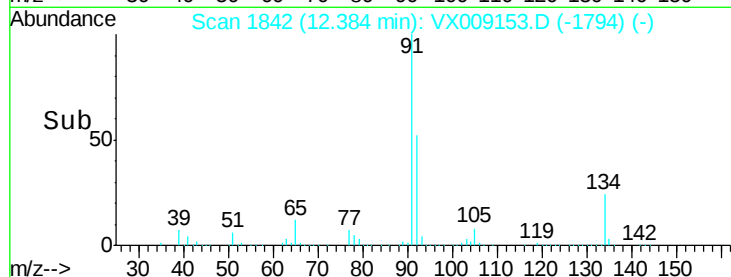
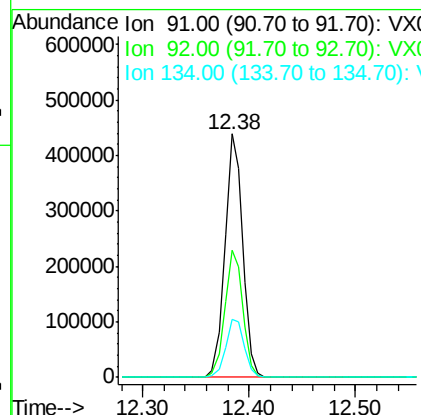
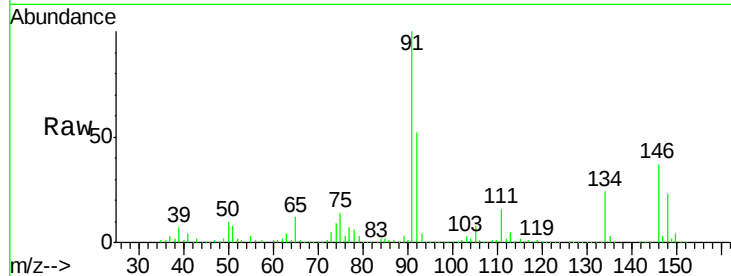




#89
n-Butylbenzene
Concen: 52.588 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX009153.D
Acq: 25 Apr 2019 11:10

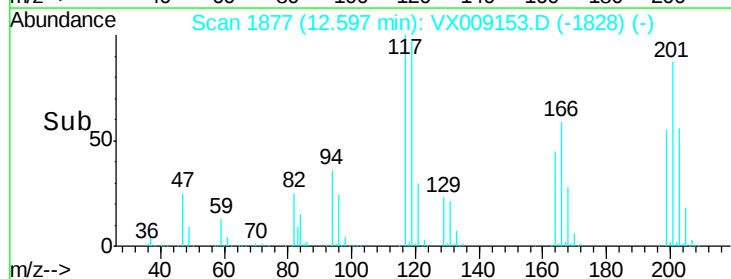
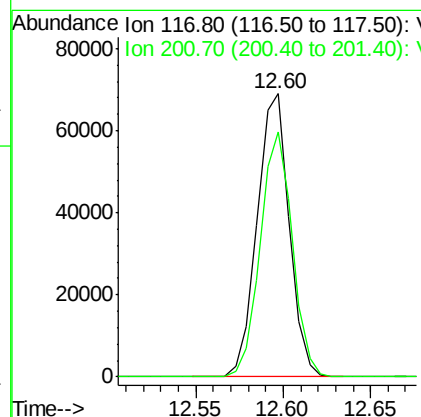
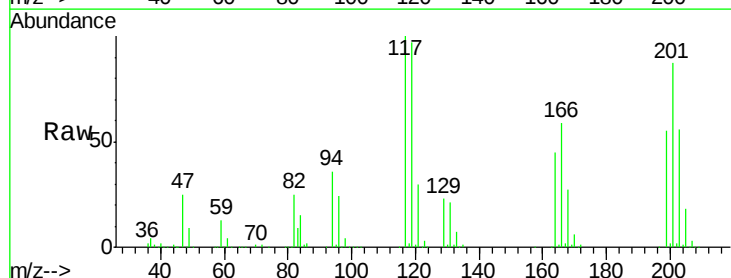
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

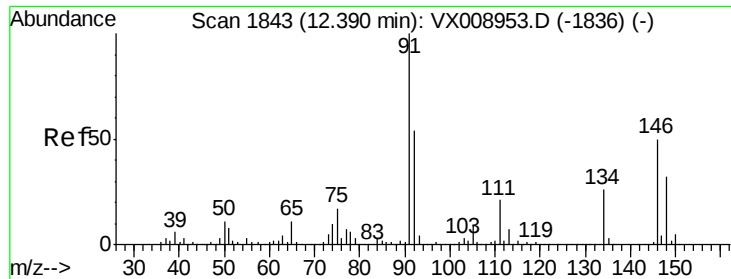
Tot Ion: 91 Resp: 509657
Ion Ratio Lower Upper
91 100
92 52.7 26.6 79.8
134 24.8 12.4 37.2



#90
Hexachloroethane
Concen: 51.623 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX009153.D
Acq: 25 Apr 2019 11:10

Tgt Ion: 117 Resp: 88613
Ion Ratio Lower Upper
117 100
201 86.3 43.0 129.0

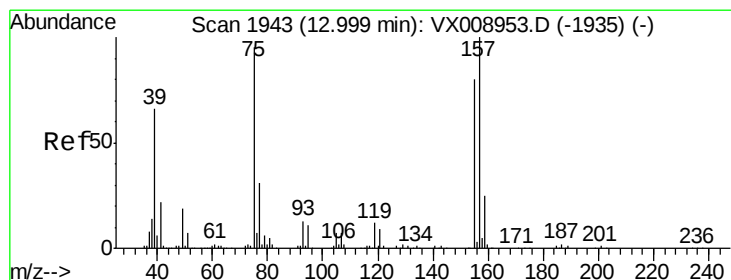
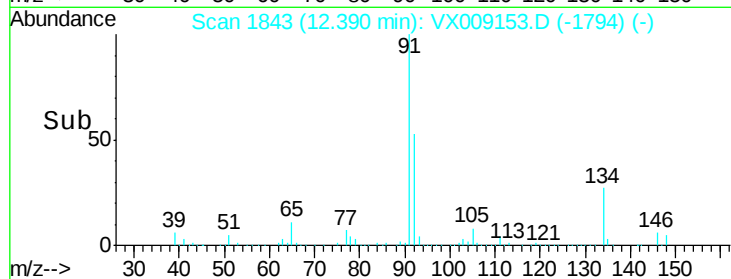
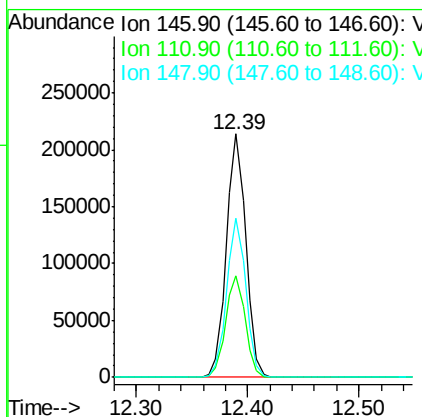
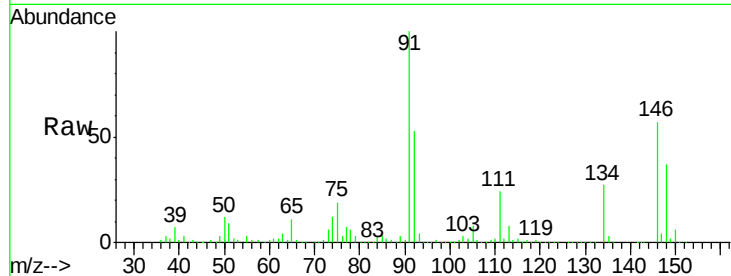




#91
 1,2-Dichlorobenzene
 Concen: 50.174 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009153.D
 Acq: 25 Apr 2019 11:10

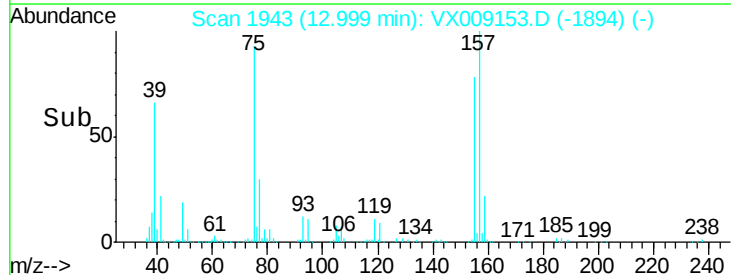
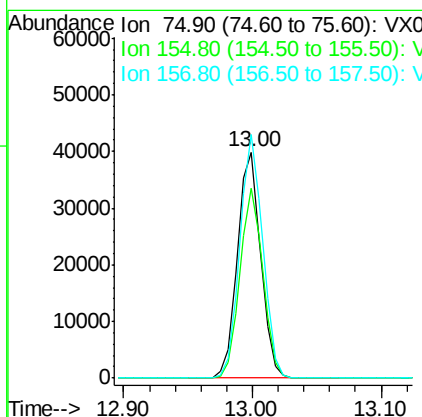
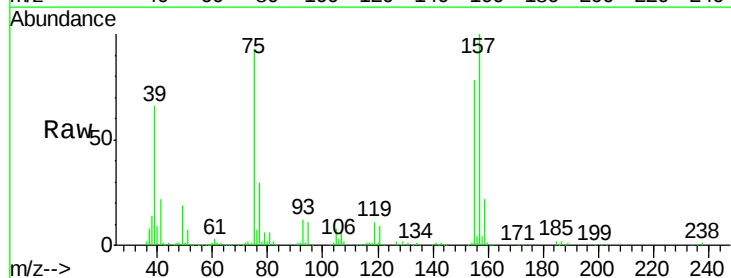
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

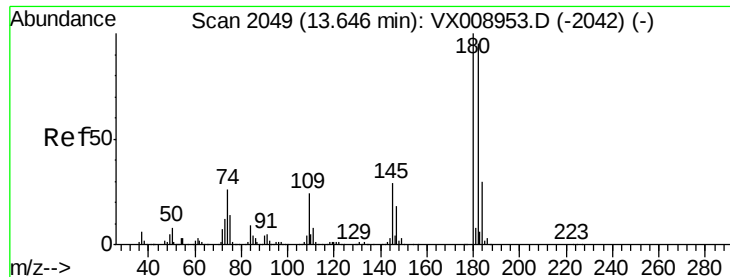
Tot Ion:146 Resp: 257723
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.6 61.9
 148 64.4 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.131 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009153.D
 Acq: 25 Apr 2019 11:10

Tgt Ion: 75 Resp: 50106
 Ion Ratio Lower Upper
 75 100
 155 82.3 41.2 123.6
 157 105.3 52.5 157.6

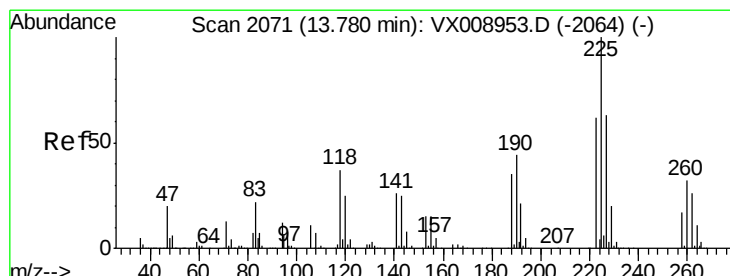
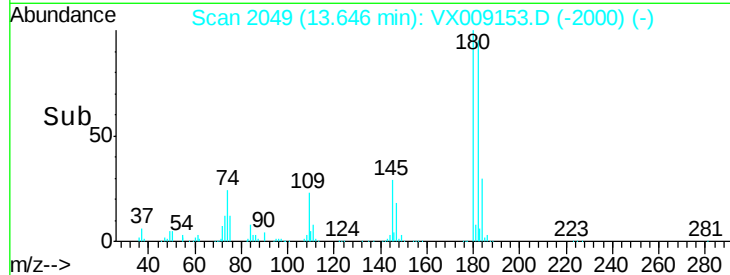
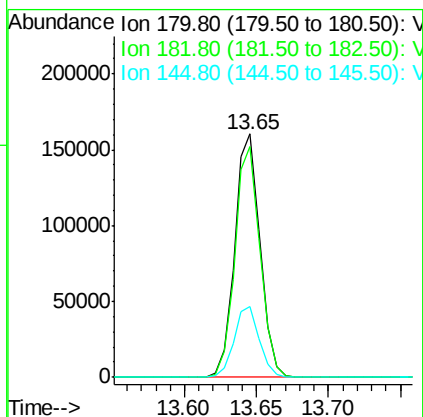
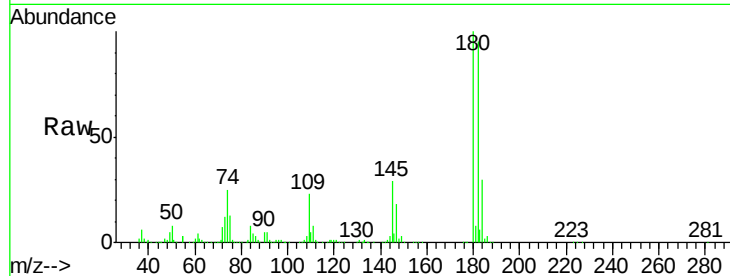




#93
 1,2,4-Trichlorobenzene
 Concen: 52.885 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009153.D
 Acq: 25 Apr 2019 11:10

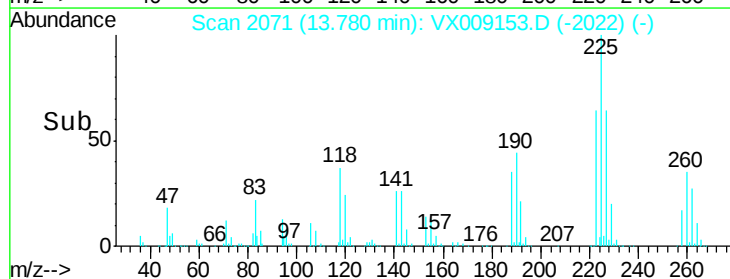
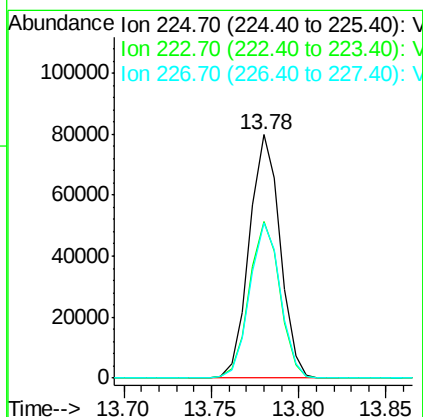
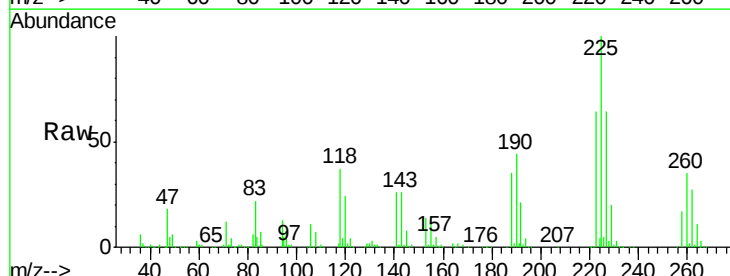
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

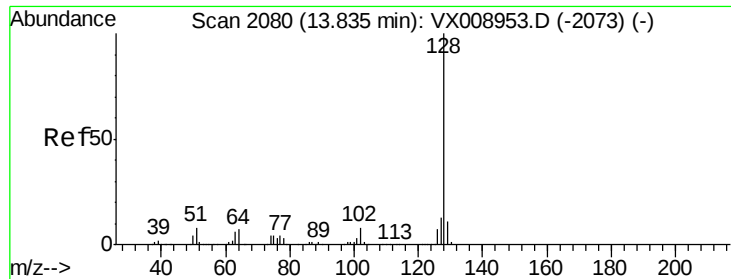
Tot Ion:180 Resp: 196092
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.6 142.9
 145 29.1 14.8 44.4



#94
 Hexachlorobutadiene
 Concen: 52.673 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009153.D
 Acq: 25 Apr 2019 11:10

Tgt Ion:225 Resp: 97409
 Ion Ratio Lower Upper
 225 100
 223 63.9 31.1 93.2
 227 63.8 32.0 96.2

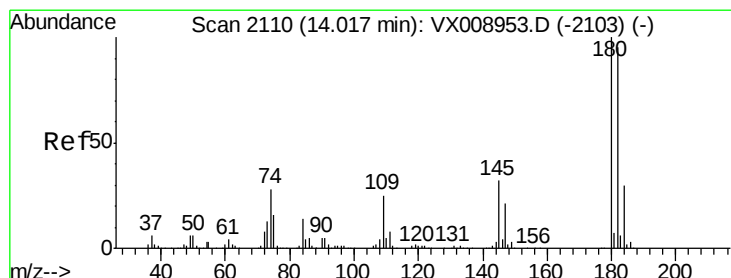
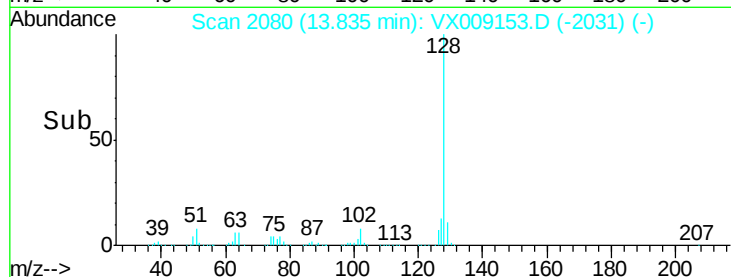
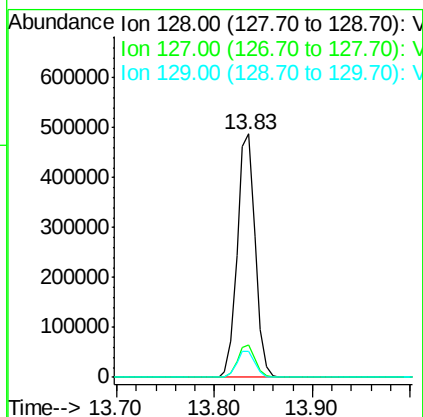
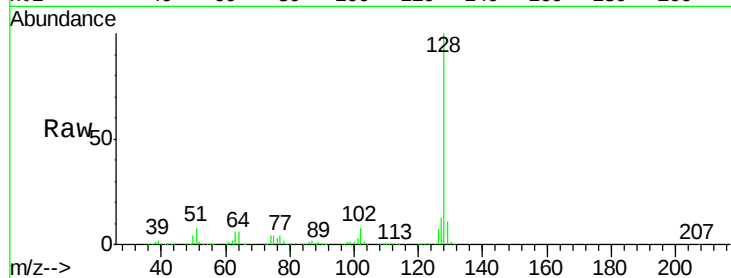




#95
Naphthalene
Concen: 51.939 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009153.D
Acq: 25 Apr 2019 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 617004
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 53.259 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX009153.D
Acq: 25 Apr 2019 11:10

Tgt Ion:180 Resp: 194848
Ion Ratio Lower Upper
180 100
182 94.5 47.8 143.4
145 30.7 15.8 47.3

