

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX032919\
 Data File : VX008548.D
 Acq On : 29 Mar 2019 16:59
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 29 23:46:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	206087	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	347423	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	313807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	147411	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	159671	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
35) Dibromofluoromethane	5.50	113	118741	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
50) Toluene-d8	8.71	98	481044	53.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.22%	
62) 4-Bromofluorobenzene	11.13	95	180150	53.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.34%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	111159	45.759	ug/l	100
3) Chloromethane	1.32	50	146145	47.643	ug/l	99
4) Vinyl Chloride	1.40	62	153444	45.240	ug/l	98
5) Bromomethane	1.64	94	46867	27.183	ug/l	98
6) Chloroethane	1.71	64	94290	46.927	ug/l	100
7) Trichlorofluoromethane	1.92	101	179655	46.768	ug/l	98
8) Diethyl Ether	2.19	74	87945	48.376	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	118672	51.117	ug/l	99
10) Methyl Iodide	2.51	142	50540	24.655	ug/l	100
11) Tert butyl alcohol	3.06	59	195618	282.596	ug/l	100
12) 1,1-Dichloroethene	2.37	96	117902	49.175	ug/l	96
13) Acrolein	2.29	56	139382	277.275	ug/l	99
14) Allyl chloride	2.72	41	281175	53.231	ug/l	98
15) Acrylonitrile	3.15	53	493458	271.859	ug/l	100
16) Acetone	2.45	43	497090	304.413	ug/l	99
17) Carbon Disulfide	2.56	76	336051	48.843	ug/l	100
18) Methyl Acetate	2.78	43	218295	55.661	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	466028	53.939	ug/l	98
20) Methylene Chloride	2.85	84	145250	54.559	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	126142	52.815	ug/l	98
22) Diisopropyl ether	3.86	45	553994	53.265	ug/l	93
23) Vinyl Acetate	3.82	43	2491296	274.551	ug/l	99
24) 1,1-Dichloroethane	3.70	63	272416	51.880	ug/l	100
25) 2-Butanone	4.68	43	768001	293.364	ug/l	98
26) 2,2-Dichloropropane	4.58	77	201386	57.663	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	153208	52.257	ug/l	99
28) Bromochloromethane	5.02	49	113891	43.903	ug/l	100
29) Tetrahydrofuran	5.13	42	477557	276.782	ug/l	99
30) Chloroform	5.21	83	247652	52.261	ug/l	100
31) Cyclohexane	5.58	56	256466	51.212	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	202133	53.364	ug/l	100
36) 1,1-Dichloropropene	5.80	75	190494	51.425	ug/l	99
37) Ethyl Acetate	4.84	43	273200	56.930	ug/l	100
38) Carbon Tetrachloride	5.79	117	167390	54.148	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	235930	53.294	ug/l	98
40) Benzene	6.14	78	590258	53.226	ug/l	100
41) Methacrylonitrile	5.04	41	153757	57.014	ug/l	99
42) 1,2-Dichloroethane	6.20	62	209207	51.525	ug/l	100
43) Isopropyl Acetate	6.45	43	445951	58.098	ug/l	100
44) Trichloroethene	7.21	130	134959	51.831	ug/l	95
45) 1,2-Dichloropropane	7.51	63	171283	54.339	ug/l	100
46) Dibromomethane	7.66	93	97227	52.821	ug/l	99
47) Bromodichloromethane	7.90	83	195855	55.590	ug/l	97
48) Methyl methacrylate	7.77	41	222992	58.061	ug/l	99
49) 1,4-Dioxane	7.74	88	77927	1020.449	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1452099	291.265	ug/l	100
52) Toluene	8.79	92	355723	53.647	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	226873	58.790	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	250535	57.093	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	147580	54.675	ug/l	99
56) Ethyl methacrylate	9.18	69	282038	57.886	ug/l	99
57) 1,3-Dichloropropane	9.37	76	261526	54.040	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	567511	225.330	ug/l	99
59) 2-Hexanone	9.49	43	1117388	289.252	ug/l	99
60) Dibromochloromethane	9.58	129	145243	56.581	ug/l	98
61) 1,2-Dibromoethane	9.67	107	151643	55.051	ug/l	99
64) Tetrachloroethene	9.34	164	112842	53.115	ug/l	98
65) Chlorobenzene	10.14	112	368374	53.979	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	133869	56.857	ug/l	100
67) Ethyl Benzene	10.25	91	693006	53.807	ug/l	100
68) m/p-Xylenes	10.36	106	502321	107.207	ug/l	99
69) o-Xylene	10.70	106	244141	53.693	ug/l	100
70) Styrene	10.71	104	430020	54.750	ug/l	100
71) Bromoform	10.86	173	107337	57.727	ug/l	99
73) Isopropylbenzene	11.02	105	648001	54.033	ug/l	100
74) N-amyl acetate	10.90	43	394631	56.851	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	243213	52.269	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	287228	65.541	ug/l	83
77) Bromobenzene	11.26	156	154176	52.970	ug/l	99
78) n-propylbenzene	11.36	91	767467	54.630	ug/l	100
79) 2-Chlorotoluene	11.42	91	452782	52.989	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	553229	54.565	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	85463	62.460	ug/l	98
82) 4-Chlorotoluene	11.51	91	522747	53.036	ug/l	100
83) tert-Butylbenzene	11.77	119	541330	55.340	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	555014	54.122	ug/l	100
85) sec-Butylbenzene	11.94	105	631633	54.222	ug/l	99
86) p-Isopropyltoluene	12.06	119	574428	55.884	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	274021	52.692	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	272412	51.904	ug/l	100
89) n-Butylbenzene	12.39	91	547619	56.240	ug/l	99
90) Hexachloroethane	12.60	117	96356	56.269	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	270486	51.939	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	55232	54.438	ug/l	99

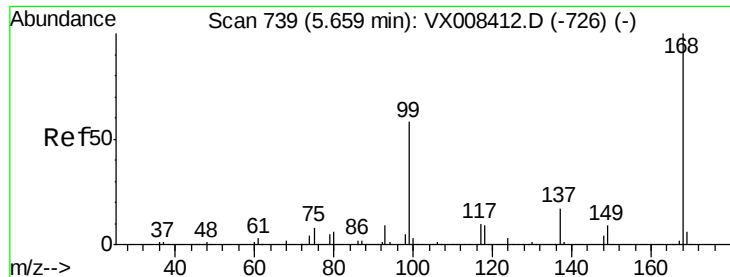
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX032919\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	191105	54.505	ug/l	99
94) Hexachlorobutadiene	13.78	225	92210	55.386	ug/l	100
95) Naphthalene	13.83	128	657705	54.714	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	189408	53.760	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008548.D

Acq: 29 Mar 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

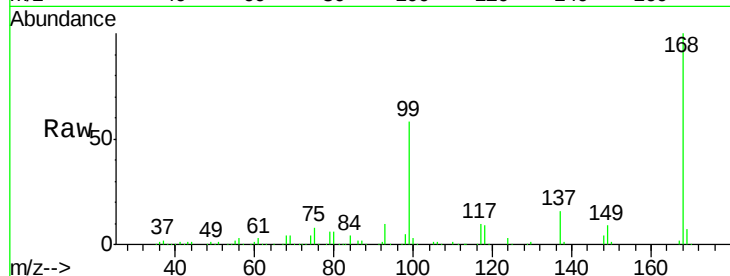
VSTDCCC050EC

Tgt Ion:168 Resp: 206087

Ion Ratio Lower Upper

168 100

99 57.4 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

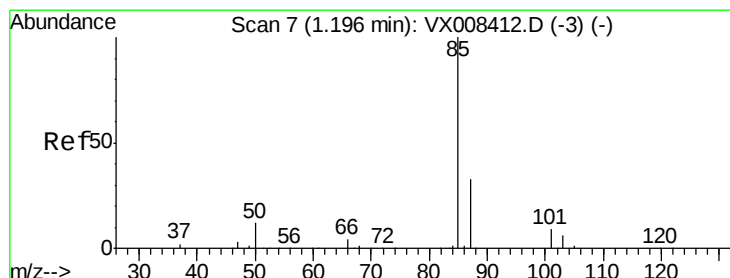
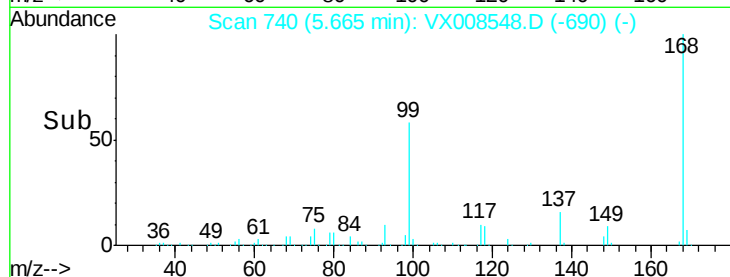
40000

20000

0

Time-->

5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 45.759 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008548.D

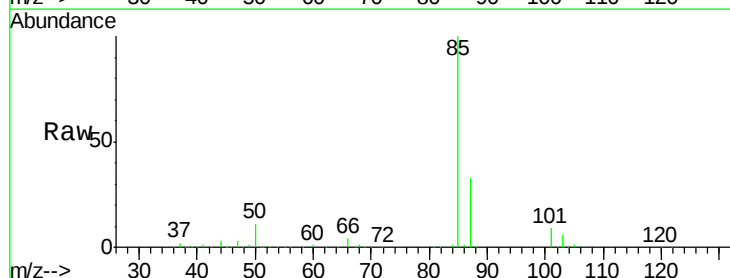
Acq: 29 Mar 2019 16:59

Tgt Ion: 85 Resp: 111159

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.1



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

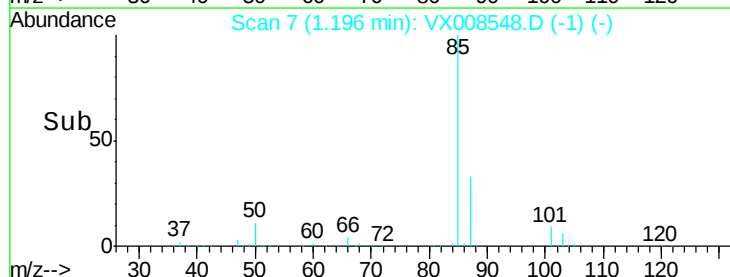
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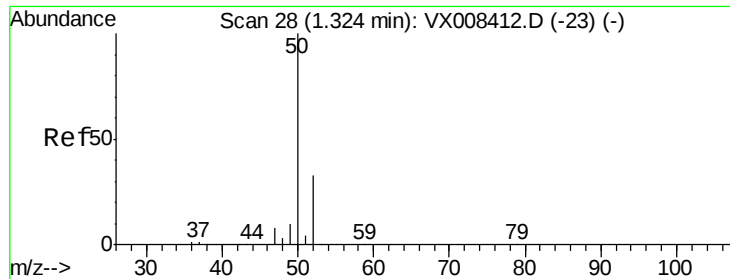
20000

0

Time-->

1.15 1.20 1.25 1.30 1.35





#3

Chloromethane

Concen: 47.643 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008548.D

Acq: 29 Mar 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

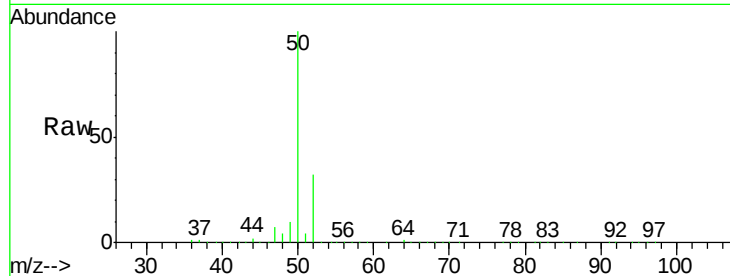
VSTDCCC050EC

Tgt Ion: 50 Resp: 146145

Ion Ratio Lower Upper

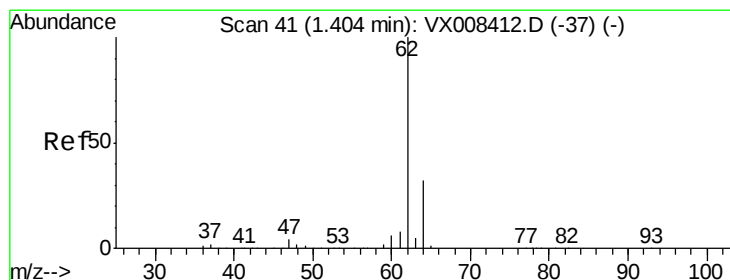
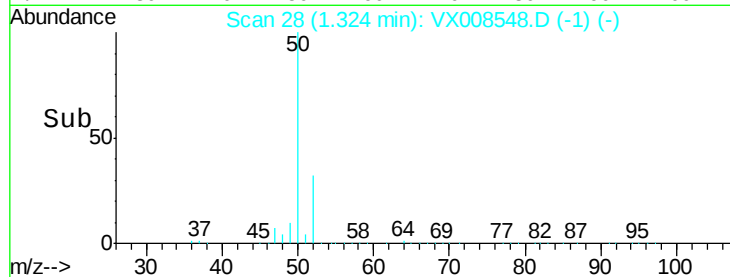
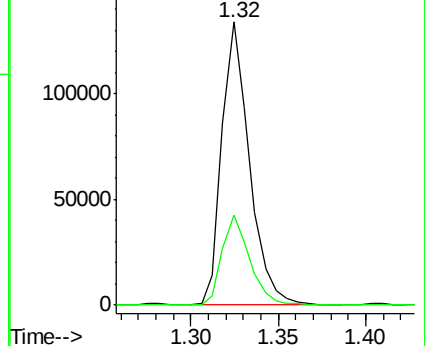
50 100

52 31.9 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.240 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX008548.D

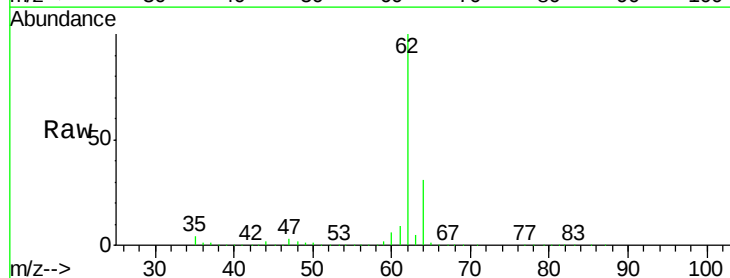
Acq: 29 Mar 2019 16:59

Tgt Ion: 62 Resp: 153444

Ion Ratio Lower Upper

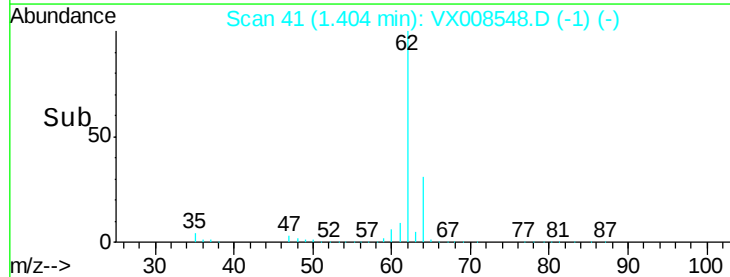
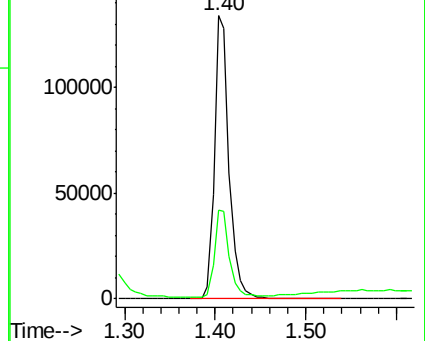
62 100

64 30.9 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 27.183 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008548.D

Acq: 29 Mar 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

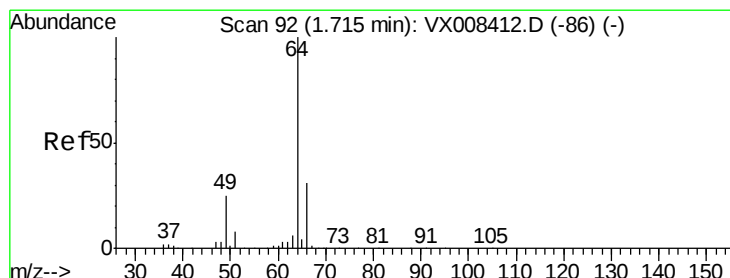
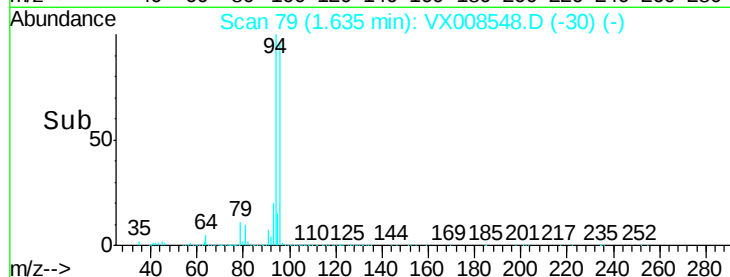
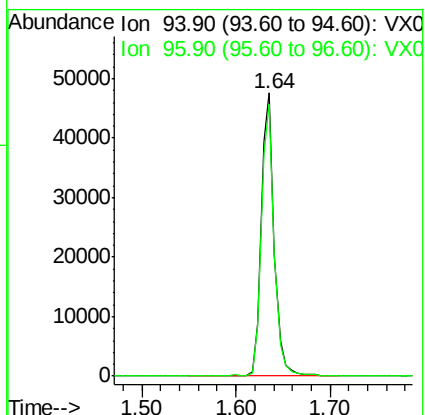
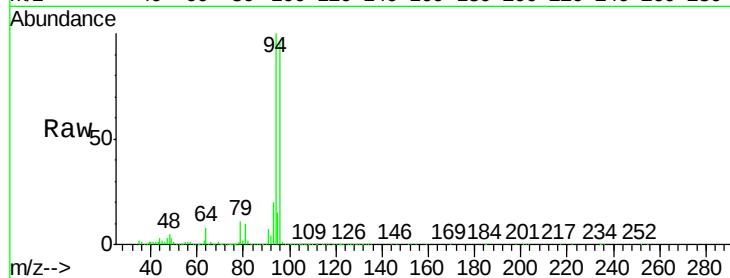
VSTDCCC050EC

Tgt Ion: 94 Resp: 46867

Ion Ratio Lower Upper

94 100

96 95.8 74.8 112.2



#6

Chloroethane

Concen: 46.927 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008548.D

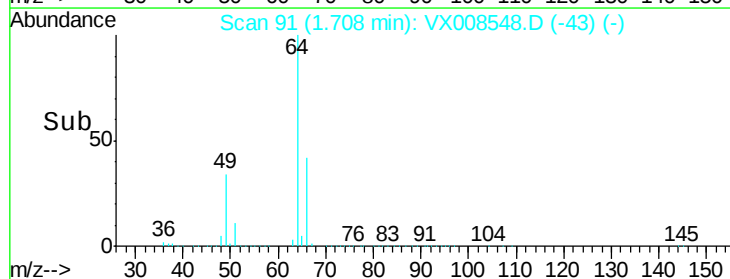
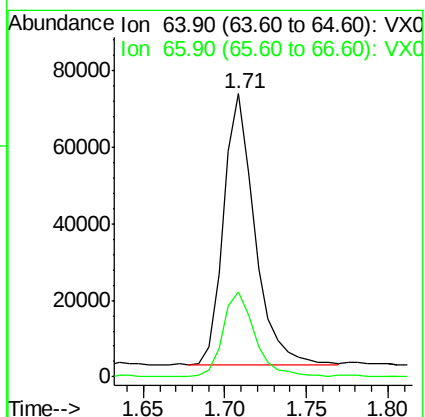
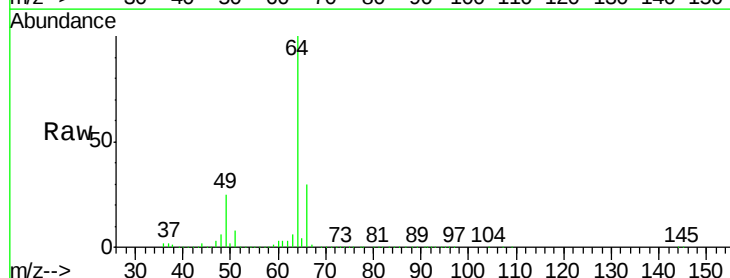
Acq: 29 Mar 2019 16:59

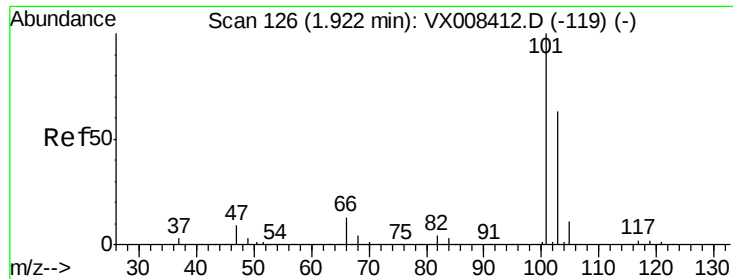
Tgt Ion: 64 Resp: 94290

Ion Ratio Lower Upper

64 100

66 31.2 25.1 37.7



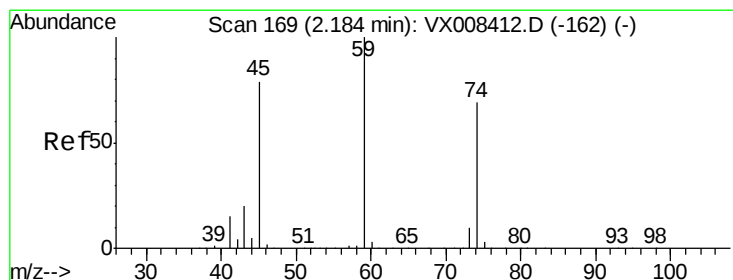
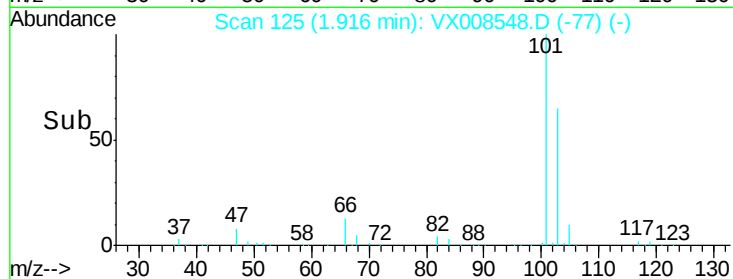
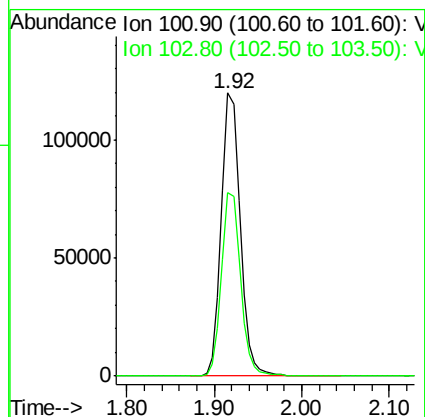
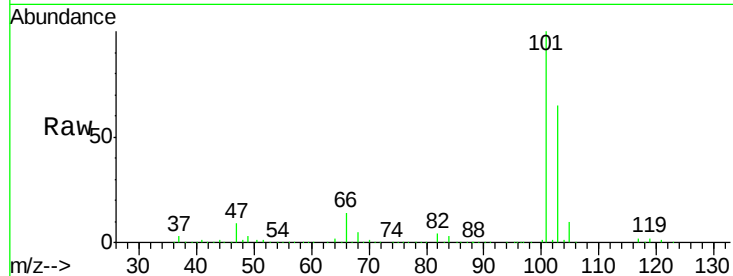


#7

Trichlorofluoromethane
Concen: 46.768 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX008548.D
Acq: 29 Mar 2019 16:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

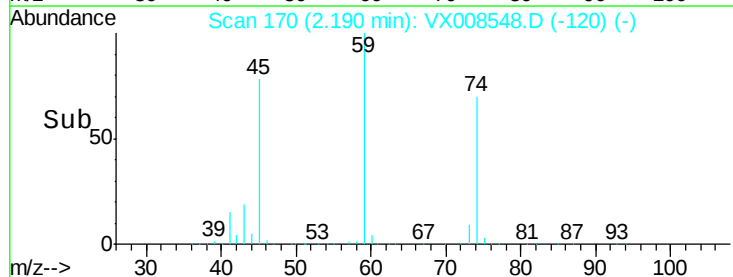
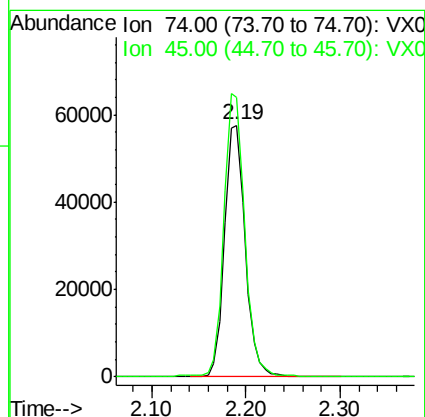
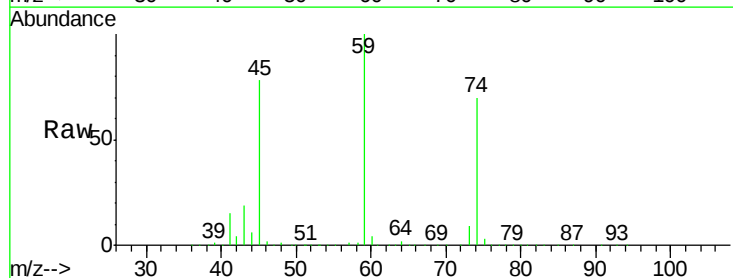
Tgt Ion:101 Resp: 179655
Ion Ratio Lower Upper
101 100
103 64.6 50.2 75.4

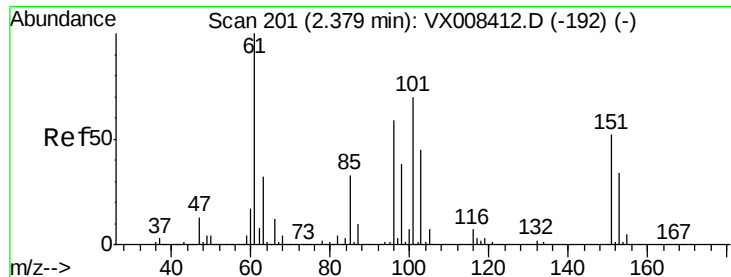


#8

Diethyl Ether
Concen: 48.376 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX008548.D
Acq: 29 Mar 2019 16:59

Tgt Ion: 74 Resp: 87945
Ion Ratio Lower Upper
74 100
45 112.5 56.4 169.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.117 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX008548.D

Acq: 29 Mar 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

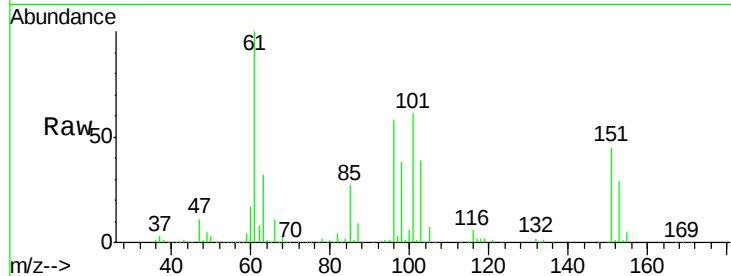
Tgt Ion:101 Resp: 118672

Ion Ratio Lower Upper

101 100

85 44.4 36.0 54.0

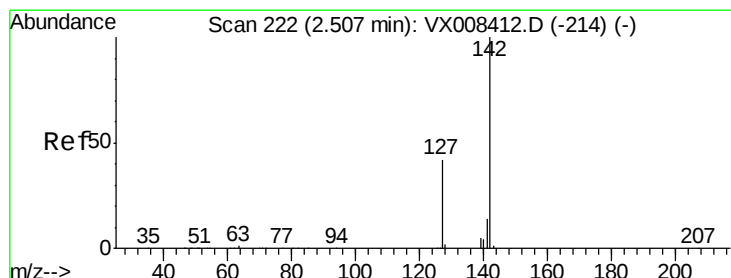
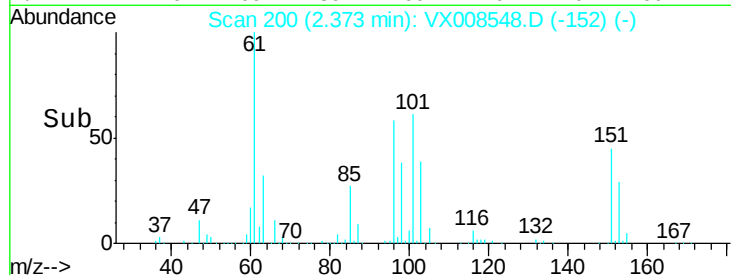
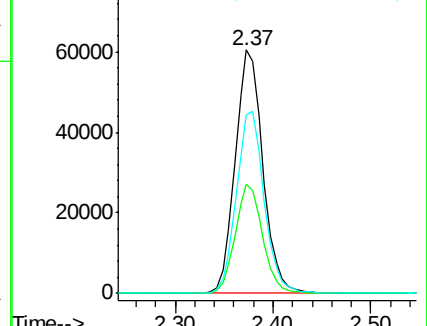
151 75.0 59.2 88.8



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: 24.655 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008548.D

Acq: 29 Mar 2019 16:59

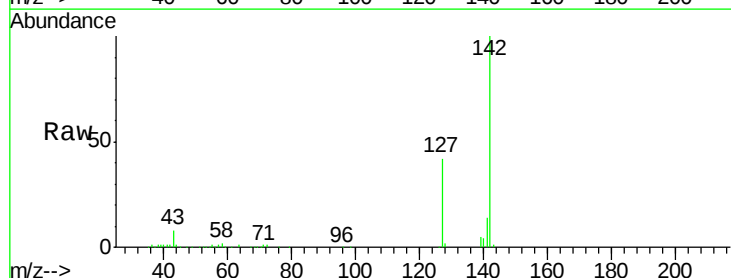
Tgt Ion:142 Resp: 50540

Ion Ratio Lower Upper

142 100

127 42.0 33.6 50.4

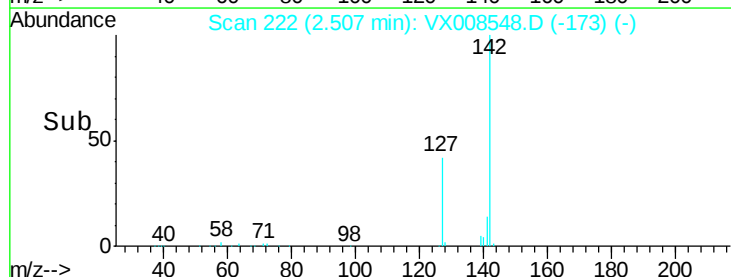
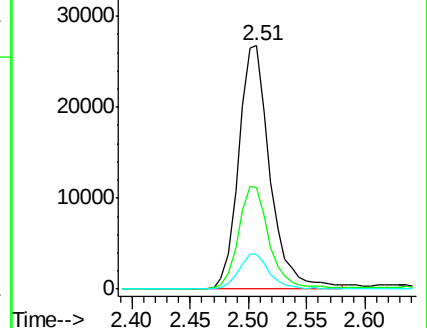
141 14.3 11.3 16.9

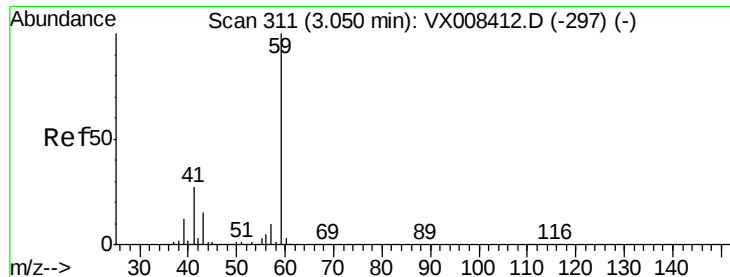


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



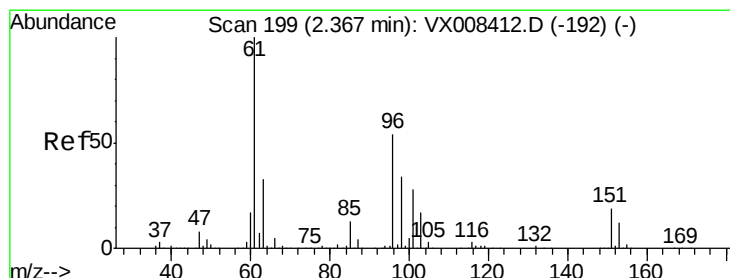
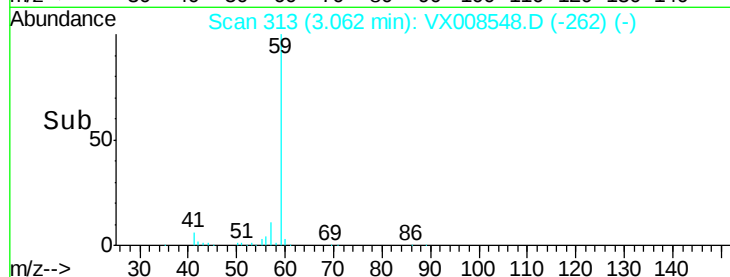
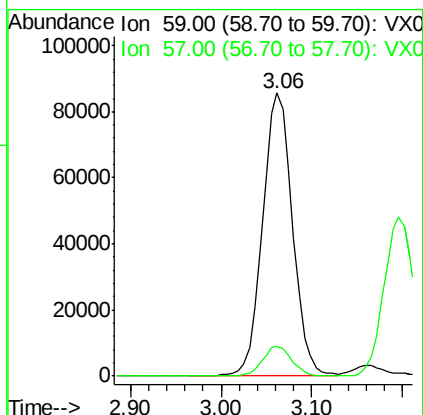
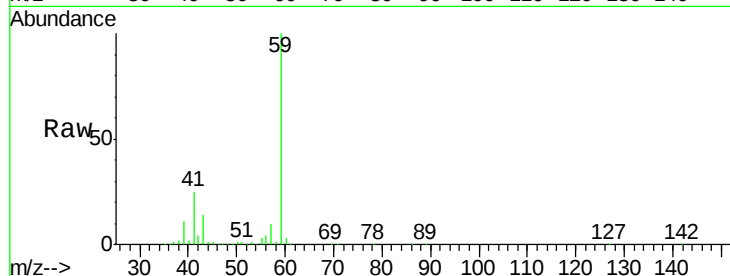


#11

Tert butyl alcohol
Concen: 282.596 ug/l
RT: 3.06 min Scan# 313
Delta R.T. 0.01 min
Lab File: VX008548.D
Acq: 29 Mar 2019 16:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

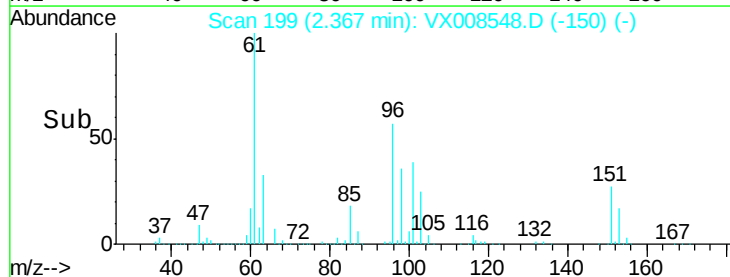
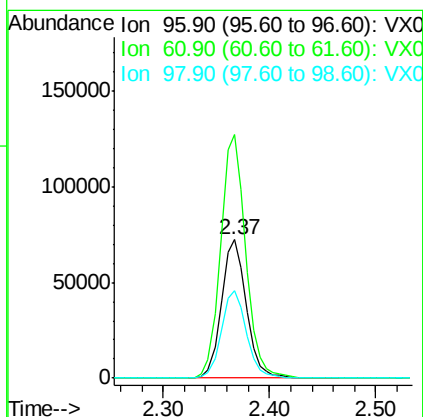
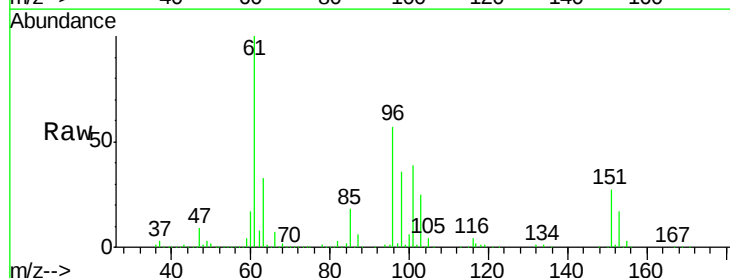
Tgt Ion: 59 Resp: 195618
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

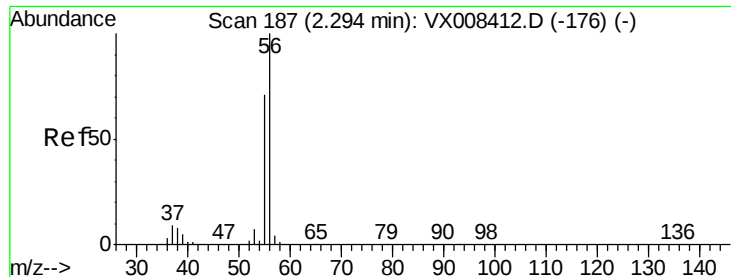


#12

1,1-Dichloroethene
Concen: 49.175 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX008548.D
Acq: 29 Mar 2019 16:59

Tgt Ion: 96 Resp: 117902
Ion Ratio Lower Upper
96 100
61 176.2 146.9 220.3
98 63.7 50.1 75.1





#13

Acrolein

Concen: 277.275 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008548.D

Acq: 29 Mar 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

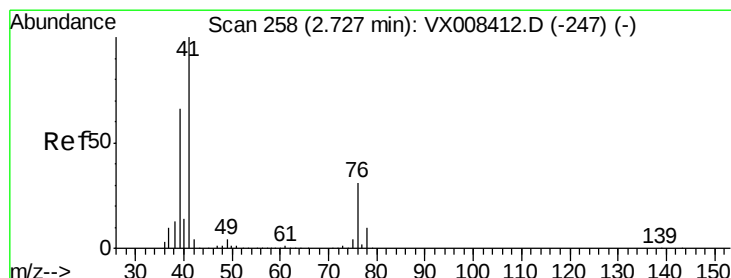
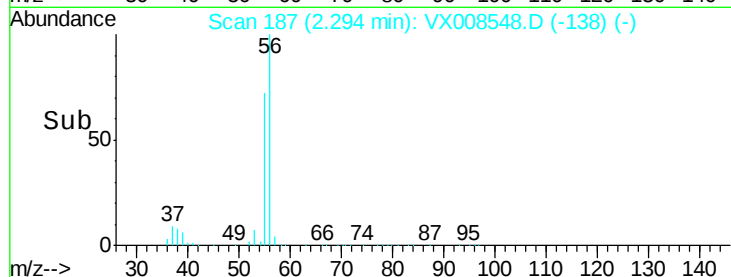
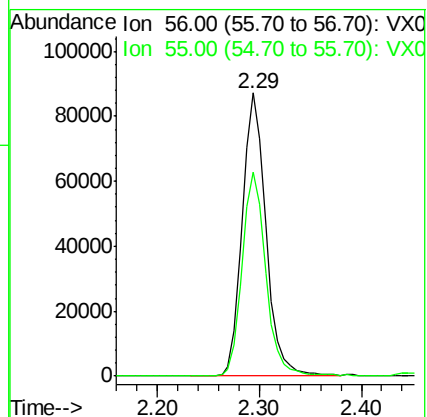
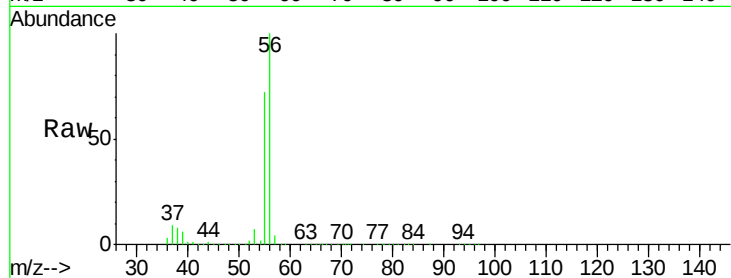
VSTDCCC050EC

Tgt Ion: 56 Resp: 139382

Ion Ratio Lower Upper

56 100

55 71.8 56.5 84.7



#14

Allyl chloride

Concen: 53.231 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX008548.D

Acq: 29 Mar 2019 16:59

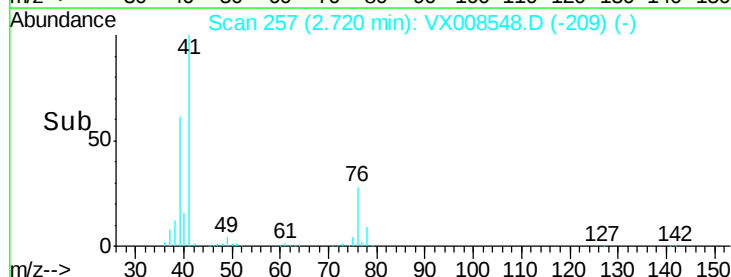
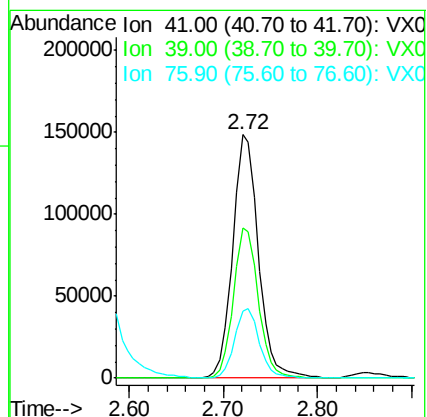
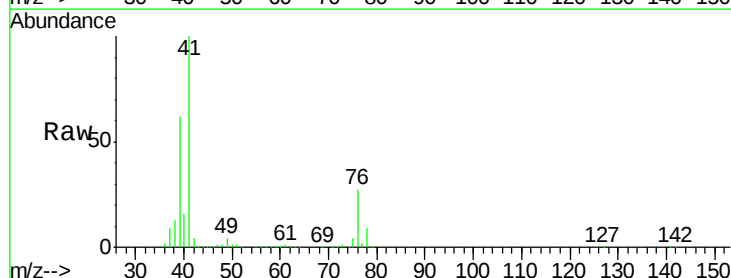
Tgt Ion: 41 Resp: 281175

Ion Ratio Lower Upper

41 100

39 59.9 49.6 74.4

76 27.6 22.6 34.0





#15

Acrylonitrile

Concen: 271.859 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX008548.D

Acq: 29 Mar 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

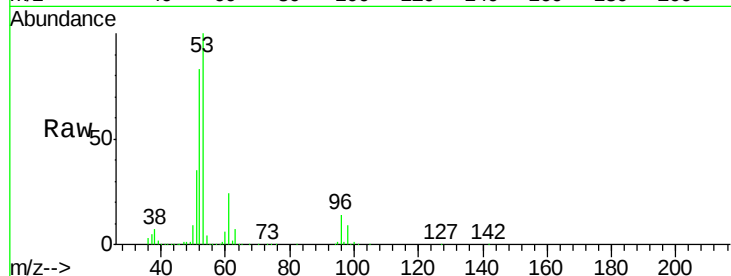
Tgt Ion: 53 Resp: 493458

Ion Ratio Lower Upper

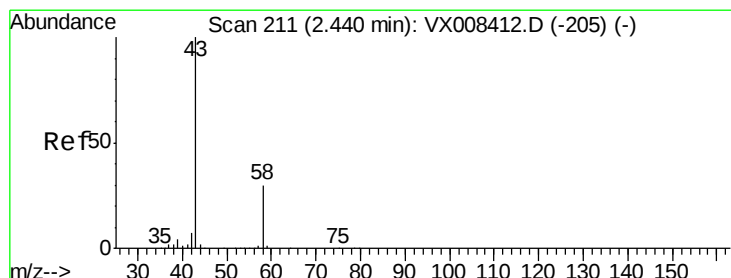
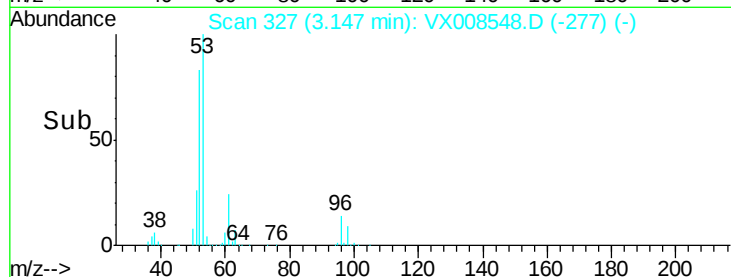
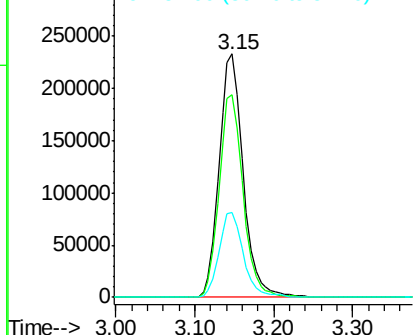
53 100

52 83.2 66.5 99.7

51 35.3 28.3 42.5



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



#16

Acetone

Concen: 304.413 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.01 min

Lab File: VX008548.D

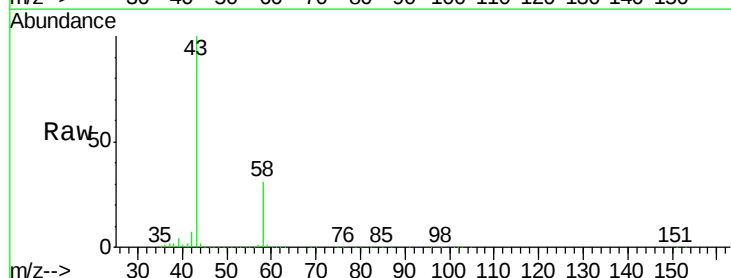
Acq: 29 Mar 2019 16:59

Tgt Ion: 43 Resp: 497090

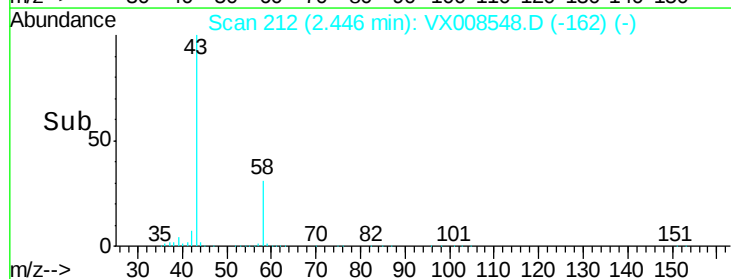
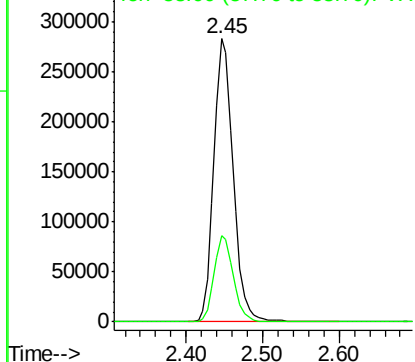
Ion Ratio Lower Upper

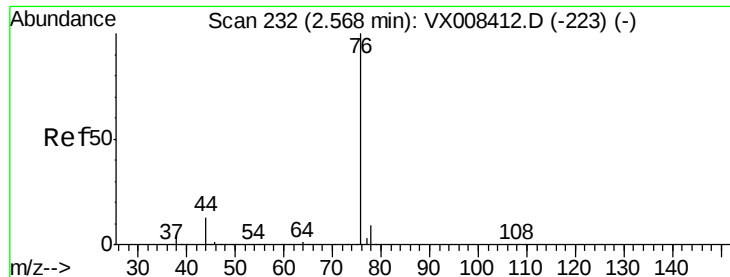
43 100

58 30.7 24.2 36.2



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

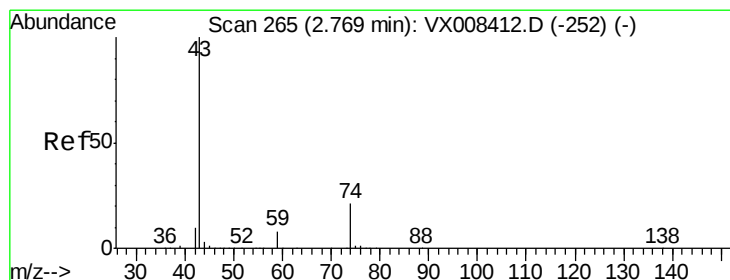
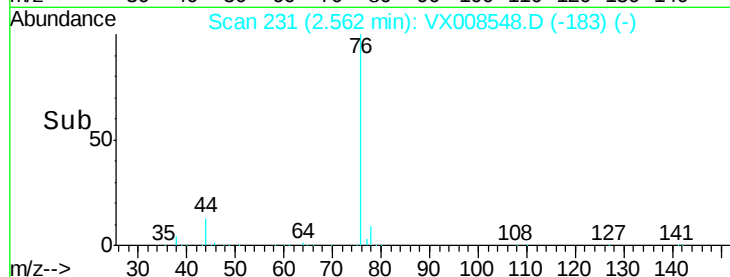
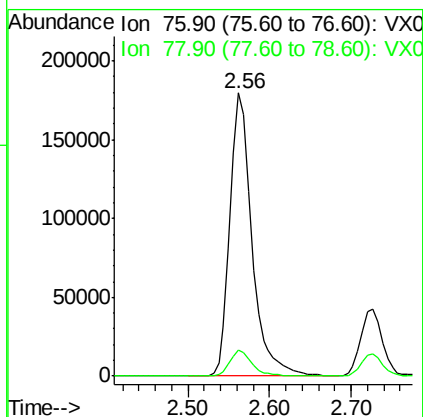
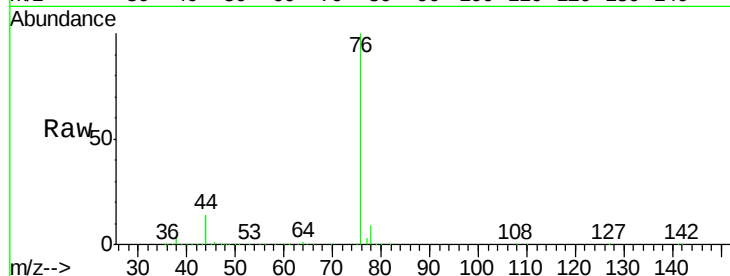




#17
Carbon Disulfide
Concen: 48.843 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX008548.D
Acq: 29 Mar 2019 16:59

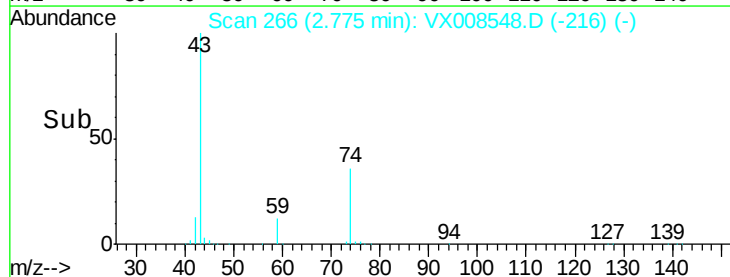
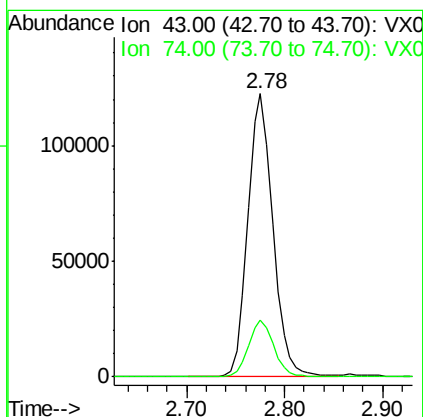
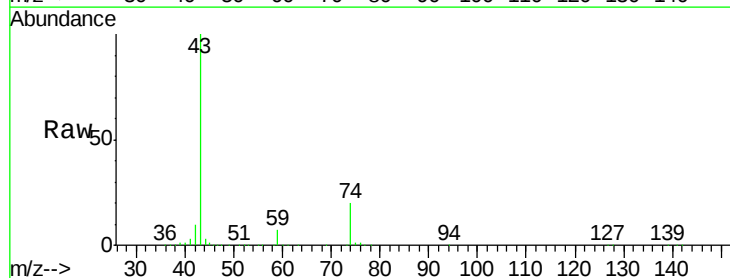
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

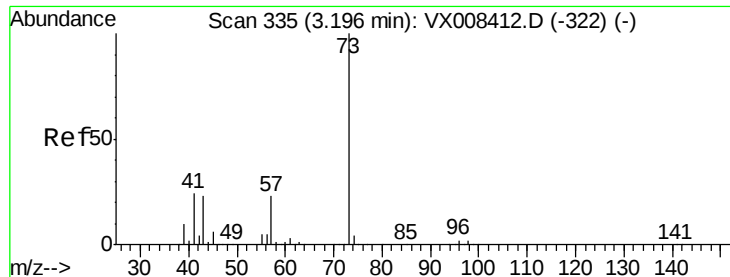
Tgt Ion: 76 Resp: 336051
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 55.661 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX008548.D
Acq: 29 Mar 2019 16:59

Tgt Ion: 43 Resp: 218295
Ion Ratio Lower Upper
43 100
74 20.6 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 53.939 ug/l

RT: 3.20 min Scan# 335

Delta R.T. -0.00 min

Lab File: VX008548.D

Acq: 29 Mar 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

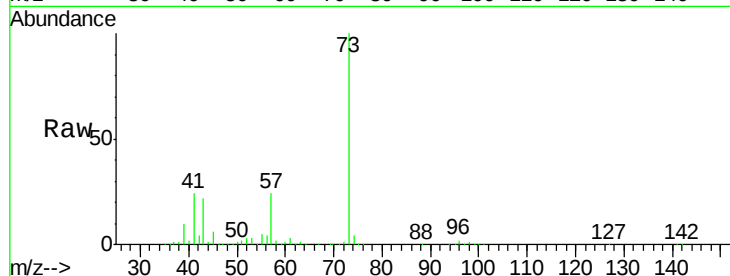
VSTDCCC050EC

Tgt Ion: 73 Resp: 466028

Ion Ratio Lower Upper

73 100

57 24.3 18.6 28.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.20

200000

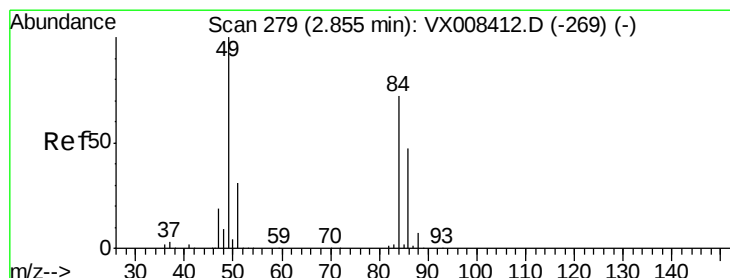
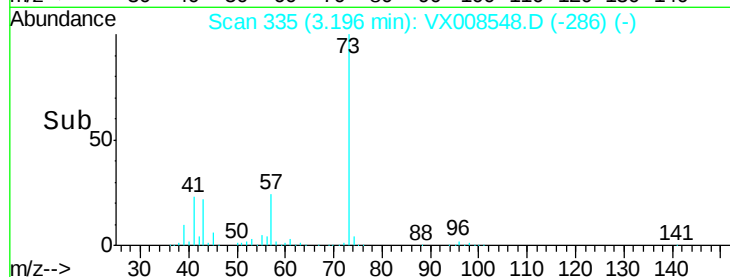
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 54.559 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX008548.D

Acq: 29 Mar 2019 16:59

Tgt Ion: 84 Resp: 145250

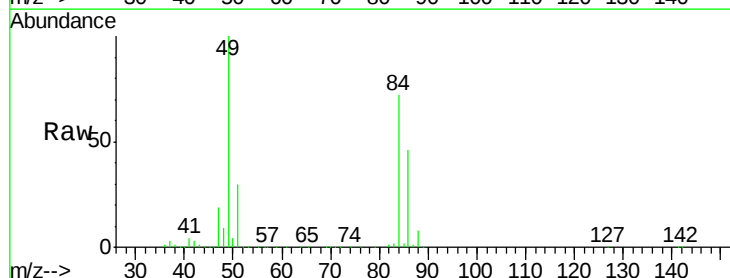
Ion Ratio Lower Upper

84 100

49 139.7 110.6 165.8

51 42.3 33.9 50.9

86 64.1 52.2 78.2



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

2.85

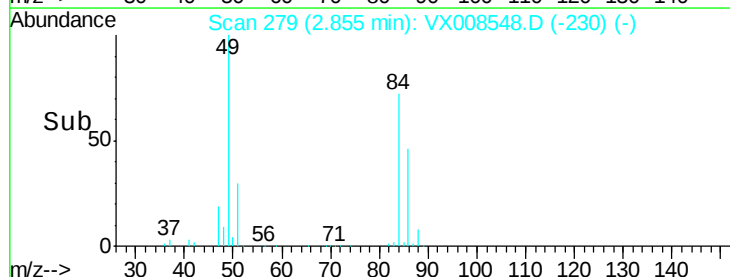
150000

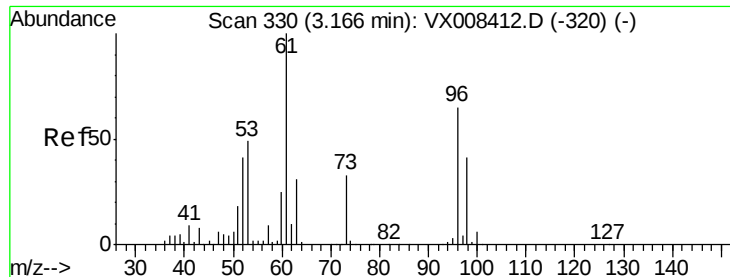
100000

50000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 52.815 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008548.D

Acq: 29 Mar 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

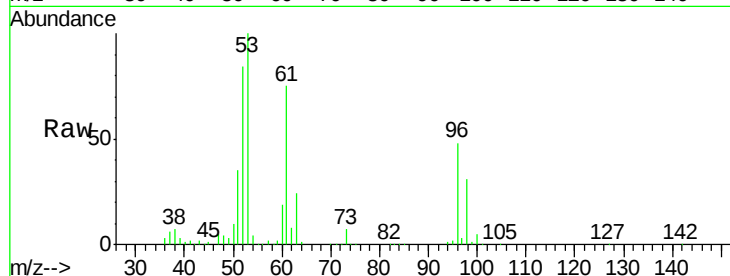
Tgt Ion: 96 Resp: 126142

Ion Ratio Lower Upper

96 100

61 155.8 122.6 184.0

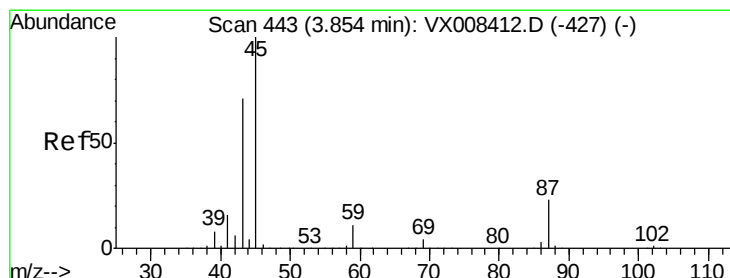
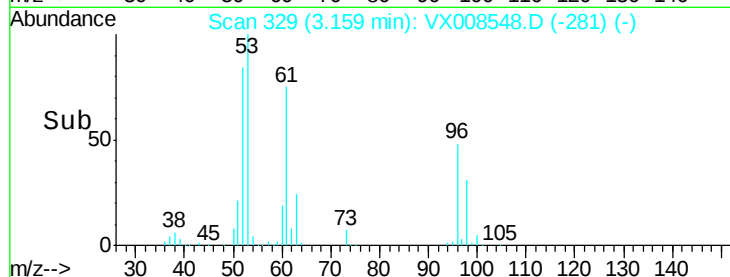
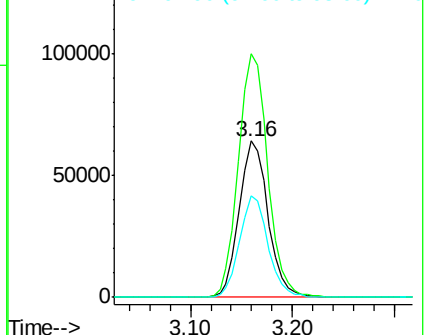
98 64.7 50.9 76.3



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: 53.265 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX008548.D

Acq: 29 Mar 2019 16:59

Tgt Ion: 45 Resp: 553994

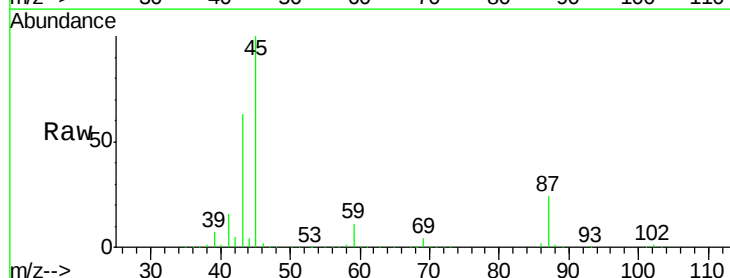
Ion Ratio Lower Upper

45 100

43 63.0 57.1 85.7

87 24.2 18.8 28.2

59 10.9 8.7 13.1

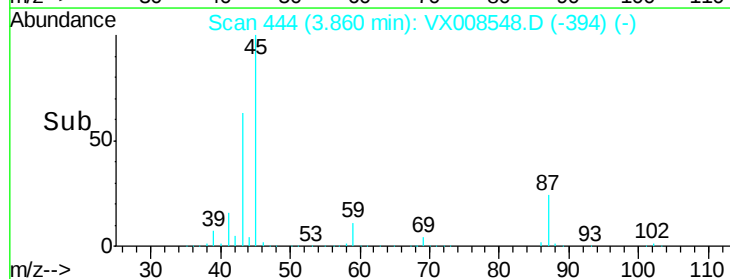
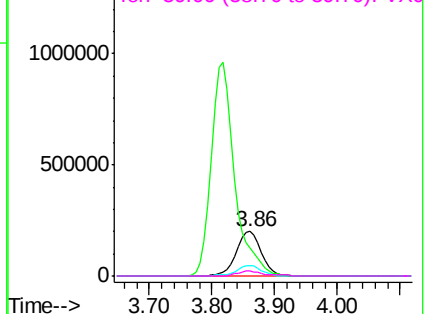


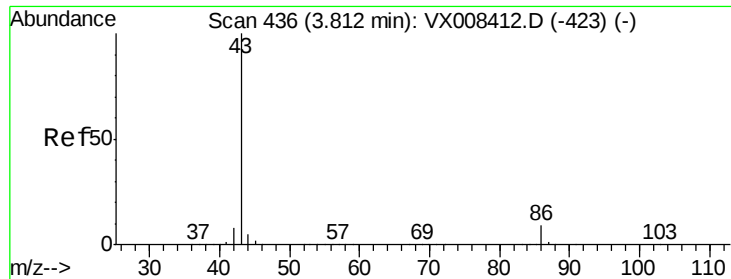
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 274.551 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX008548.D

Acq: 29 Mar 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

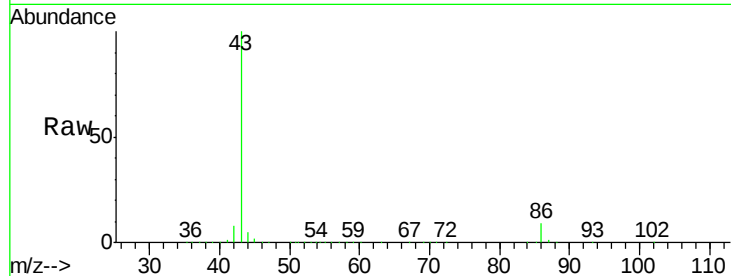
VSTDCCC050EC

Tgt Ion: 43 Resp: 2491296

Ion Ratio Lower Upper

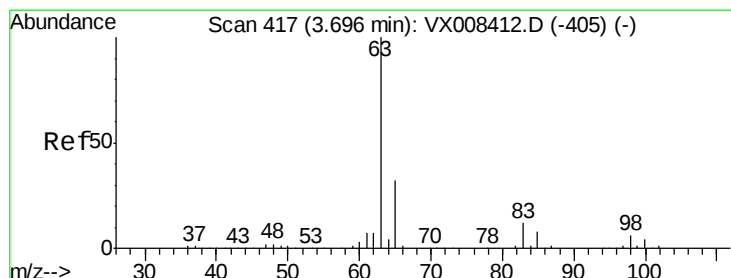
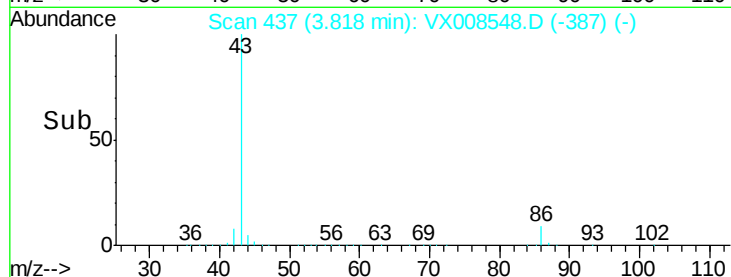
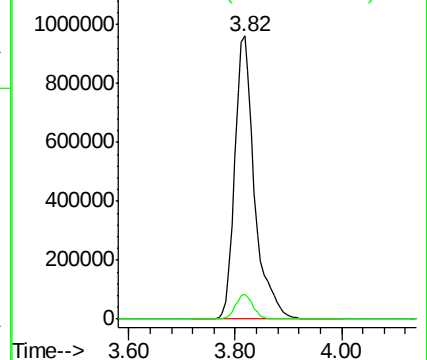
43 100

86 8.8 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.880 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008548.D

Acq: 29 Mar 2019 16:59

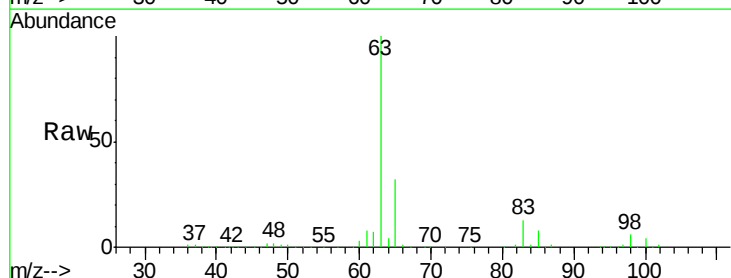
Tgt Ion: 63 Resp: 272416

Ion Ratio Lower Upper

63 100

98 6.1 3.2 9.6

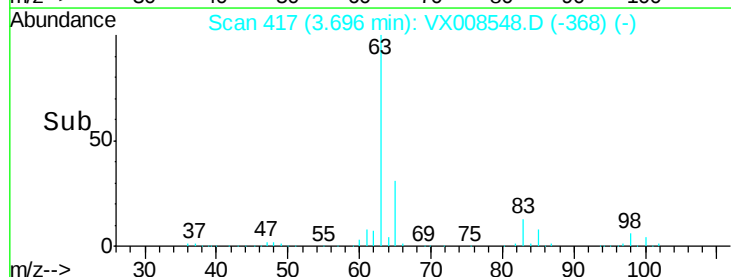
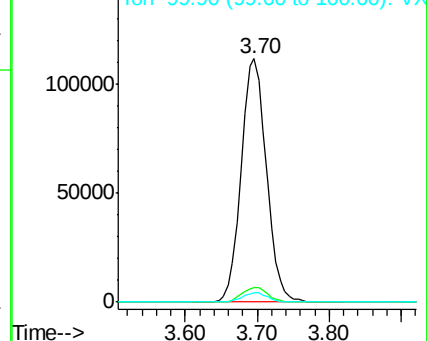
100 3.9 2.0 5.8

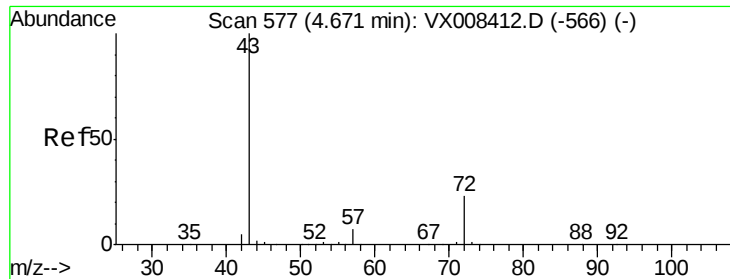


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 293.364 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX008548.D

Acq: 29 Mar 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

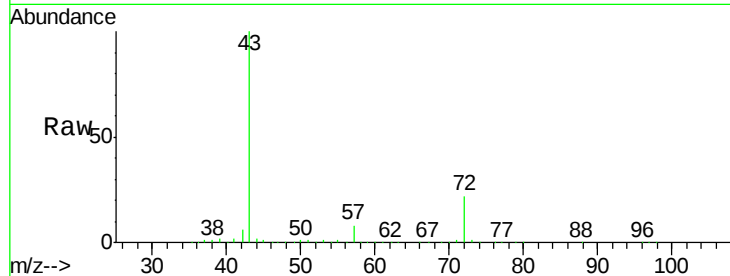
VSTDCCC050EC

Tgt Ion: 43 Resp: 768001

Ion Ratio Lower Upper

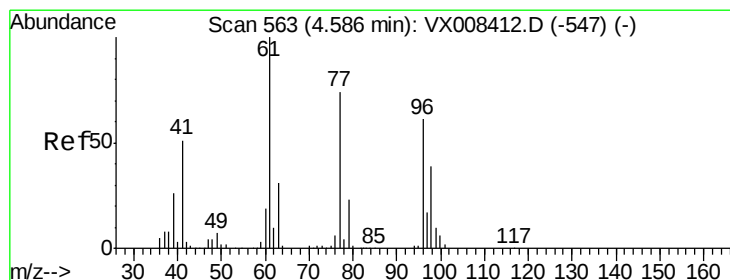
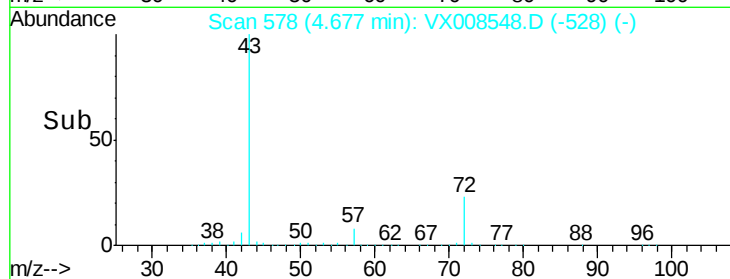
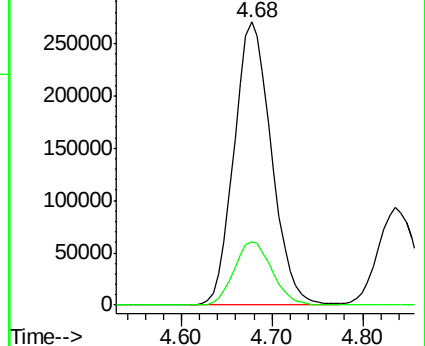
43 100

72 22.4 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 57.663 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008548.D

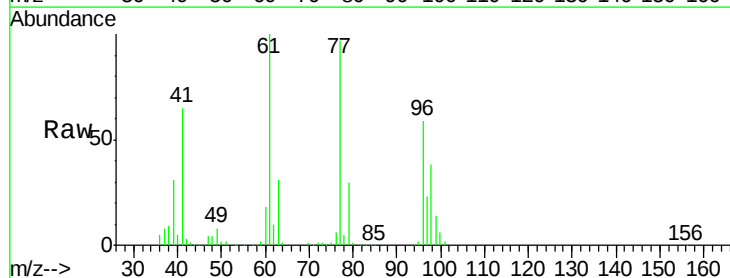
Acq: 29 Mar 2019 16:59

Tgt Ion: 77 Resp: 201386

Ion Ratio Lower Upper

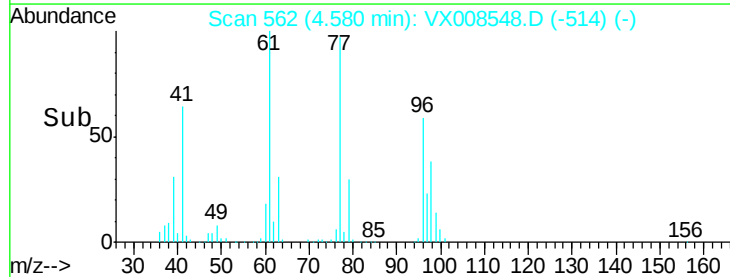
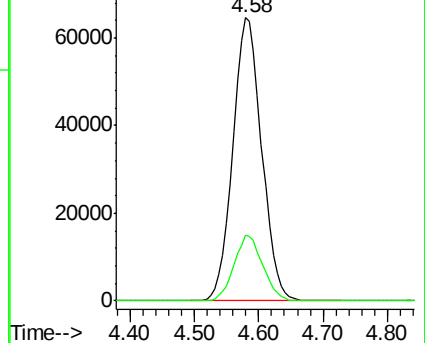
77 100

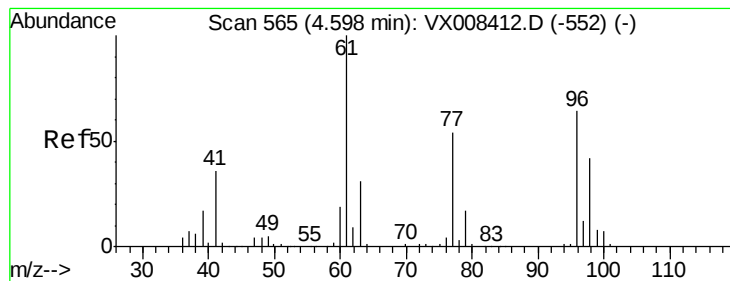
97 23.2 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



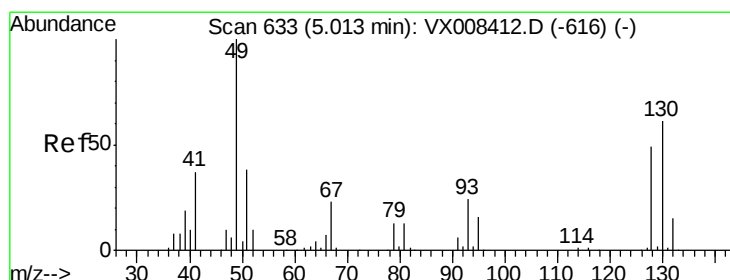
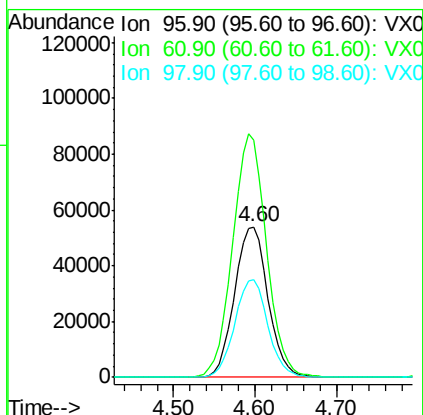
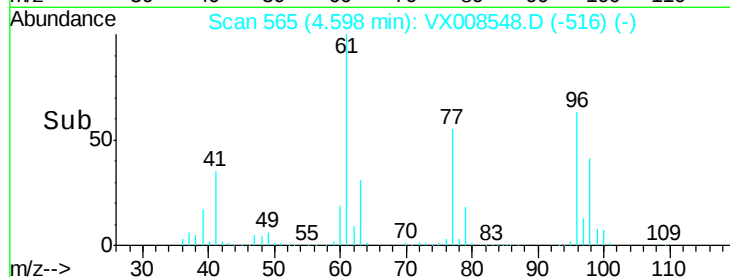
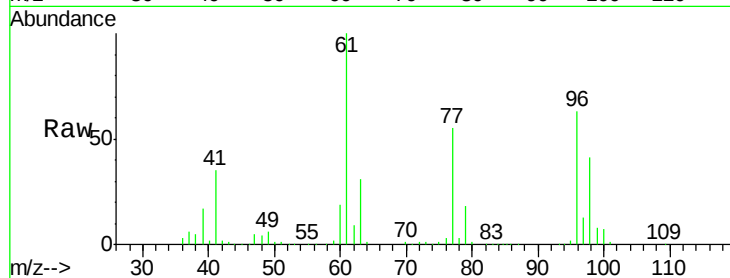


#27

cis-1,2-Dichloroethene
Concen: 52.257 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008548.D
Acq: 29 Mar 2019 16:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

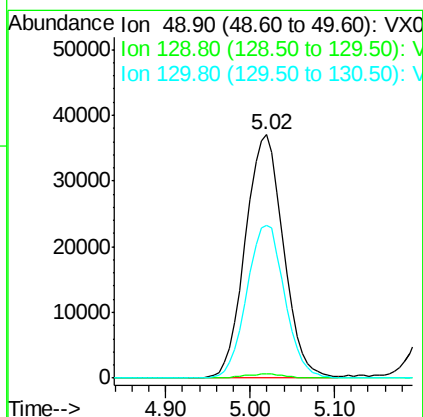
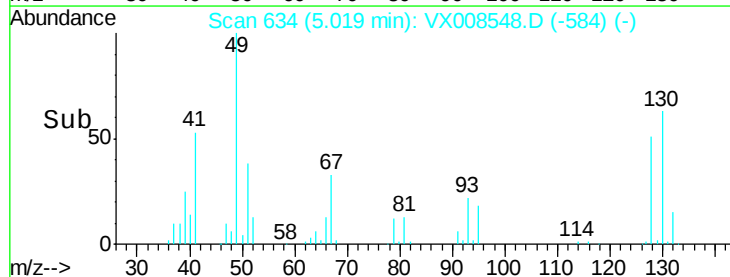
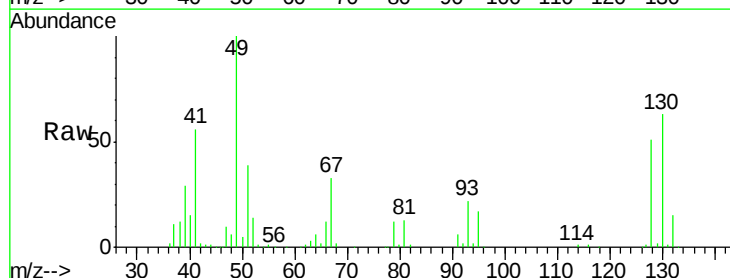
Tgt Ion: 96 Resp: 153208
Ion Ratio Lower Upper
96 100
61 163.7 0.0 325.6
98 64.6 0.0 130.0

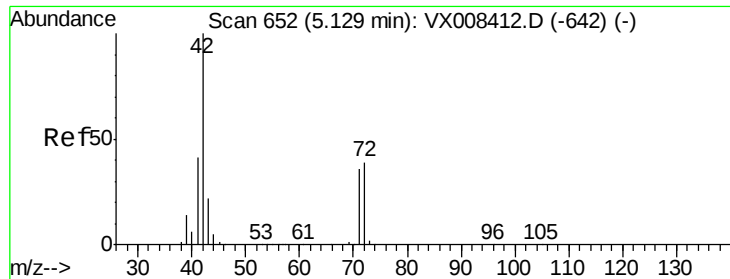


#28

Bromochloromethane
Concen: 43.903 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX008548.D
Acq: 29 Mar 2019 16:59

Tgt Ion: 49 Resp: 113891
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.4
130 62.6 49.8 74.6





#29

Tetrahydrofuran

Concen: 276.782 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX008548.D

Acq: 29 Mar 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

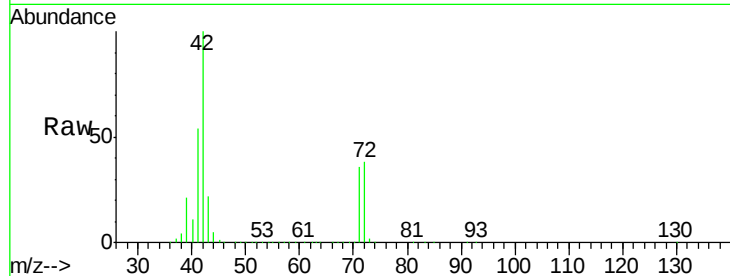
Tgt Ion: 42 Resp: 477557

Ion Ratio Lower Upper

42 100

72 38.5 31.4 47.2

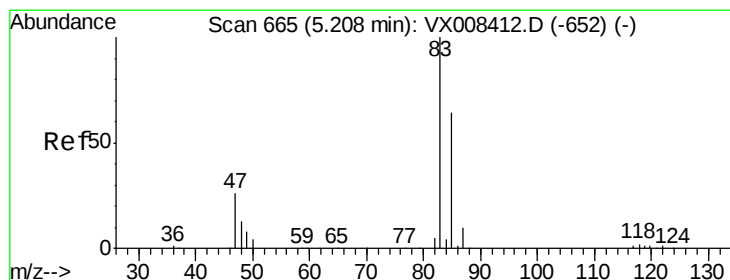
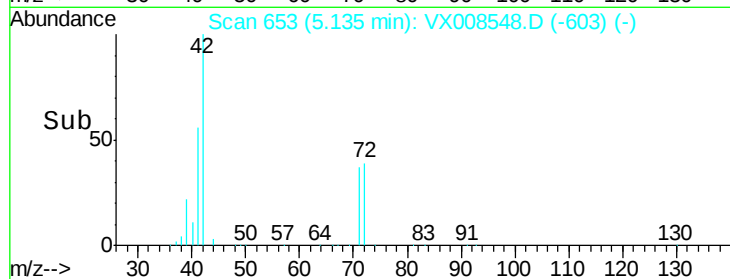
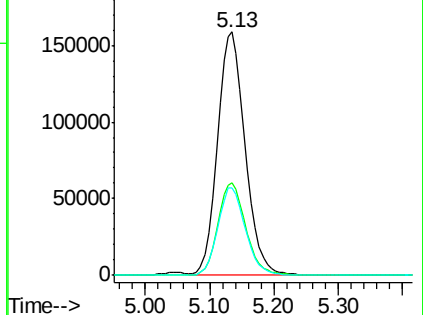
71 36.2 29.4 44.2



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 52.261 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX008548.D

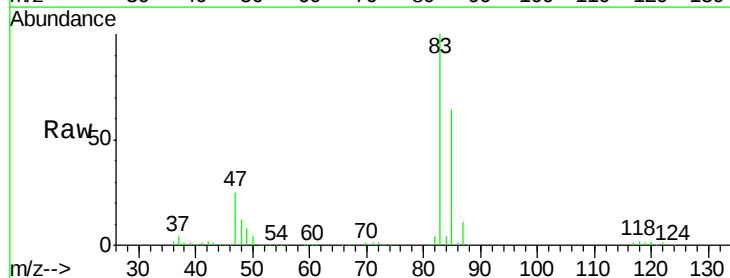
Acq: 29 Mar 2019 16:59

Tgt Ion: 83 Resp: 247652

Ion Ratio Lower Upper

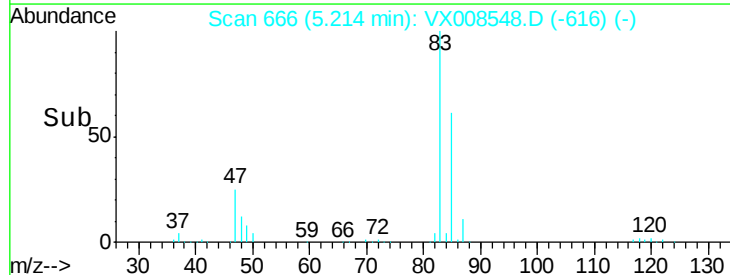
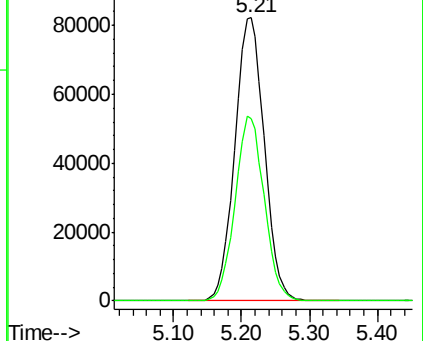
83 100

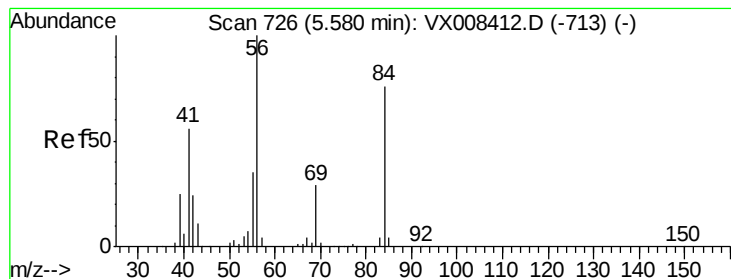
85 64.3 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 51.212 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008548.D

Acq: 29 Mar 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

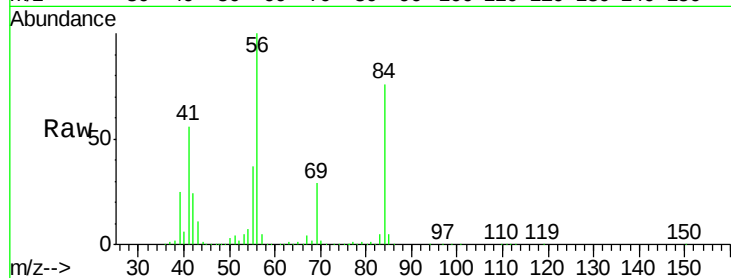
Tgt Ion: 56 Resp: 256466

Ion Ratio Lower Upper

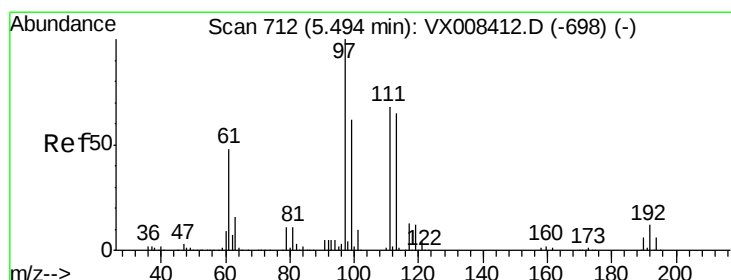
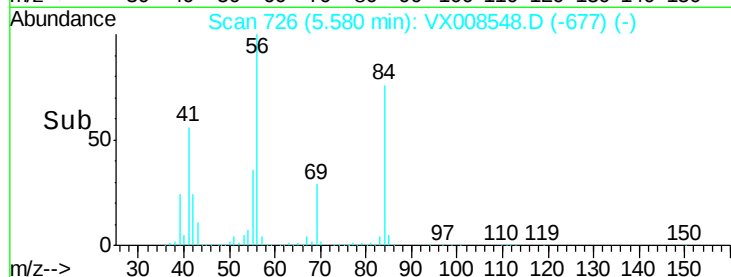
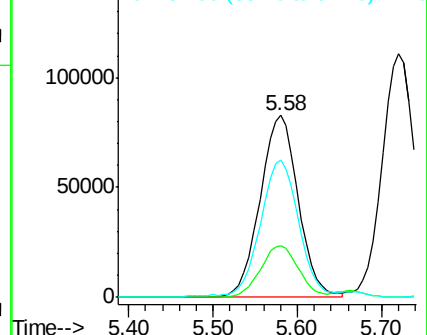
56 100

69 28.7 23.2 34.8

84 74.9 60.7 91.1



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: 53.364 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008548.D

Acq: 29 Mar 2019 16:59

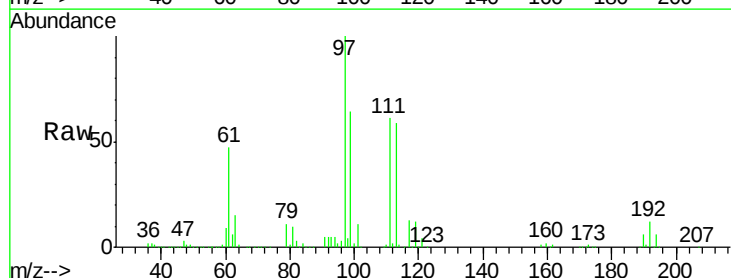
Tgt Ion: 97 Resp: 202133

Ion Ratio Lower Upper

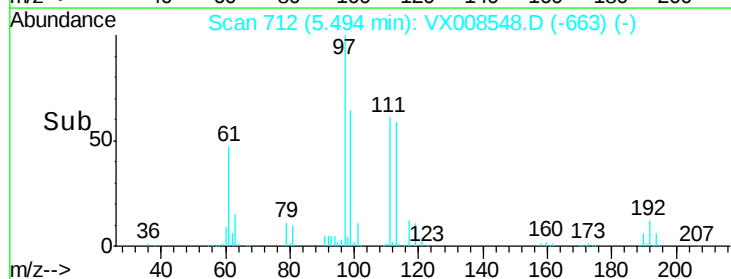
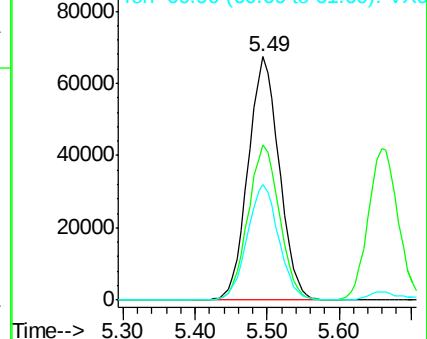
97 100

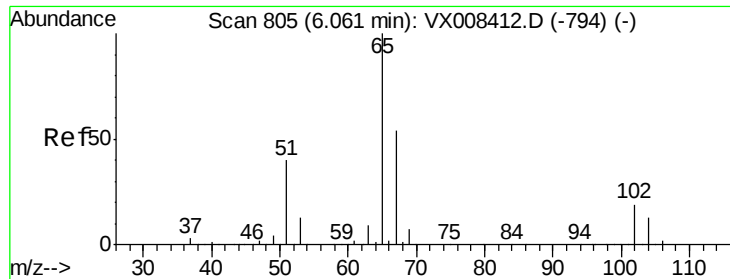
99 64.2 51.5 77.3

61 48.1 38.8 58.2



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

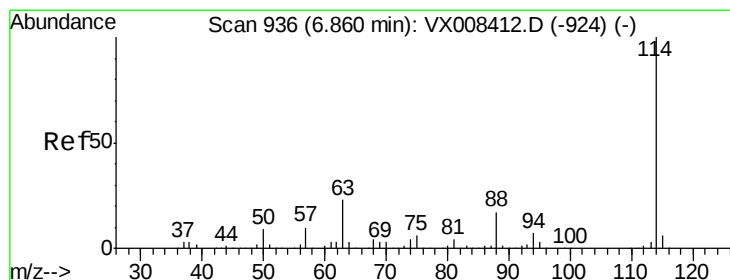
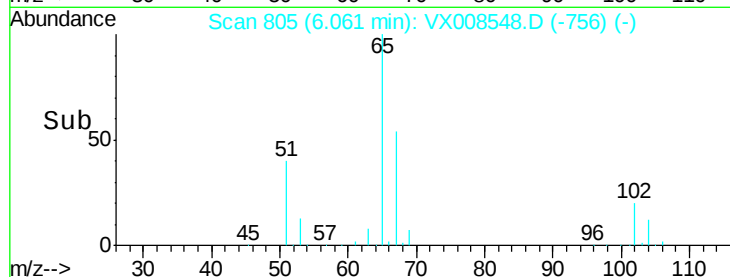
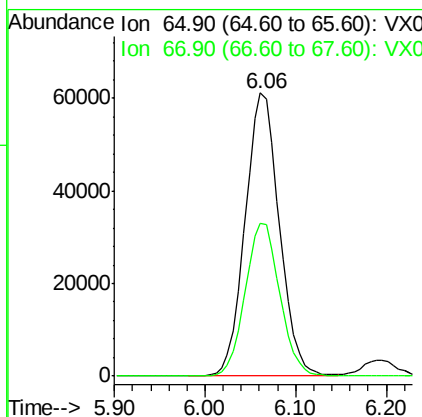
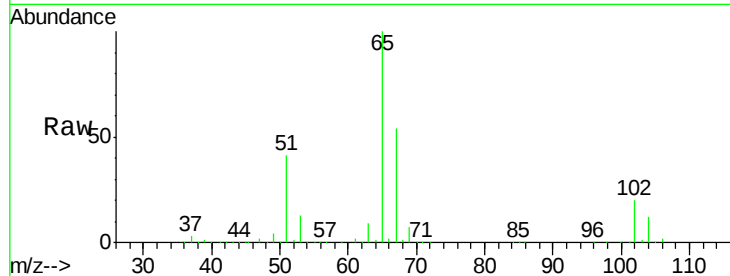




#33
 1,2-Dichloroethane-d4
 Concen: 51.106 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008548.D
 Acq: 29 Mar 2019 16:59

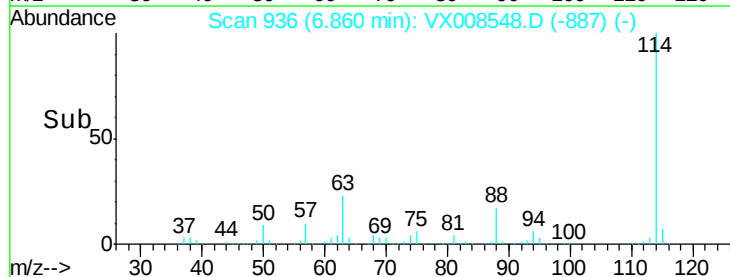
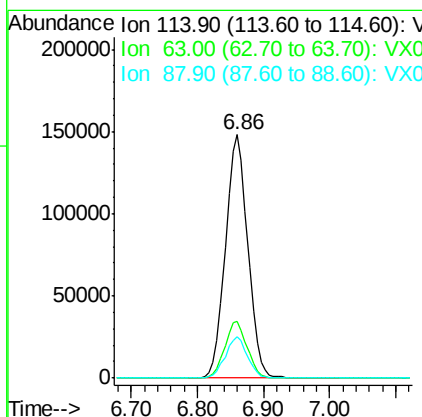
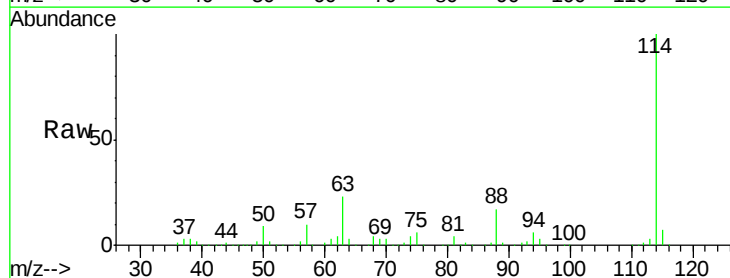
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

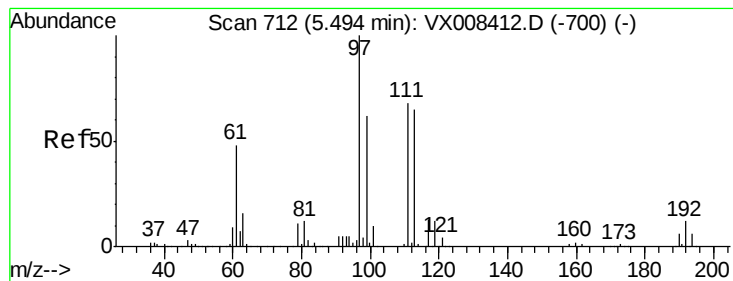
Tgt Ion: 65 Resp: 159671
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008548.D
 Acq: 29 Mar 2019 16:59

Tgt Ion: 114 Resp: 347423
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 46.4
 88 17.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.416 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008548.D

Acq: 29 Mar 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

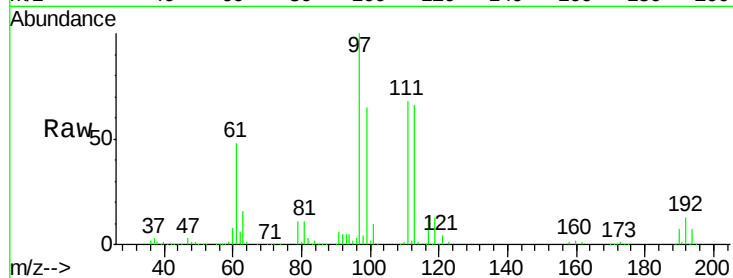
Tgt Ion:113 Resp: 118741

Ion Ratio Lower Upper

113 100

111 103.7 83.0 124.4

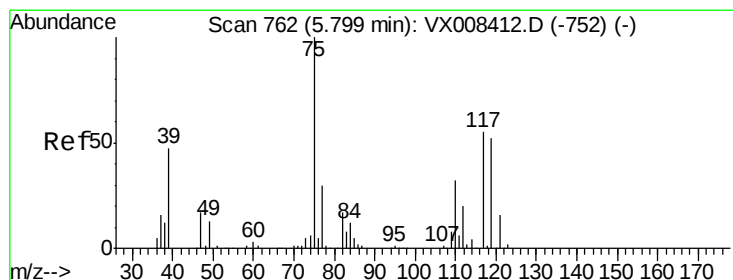
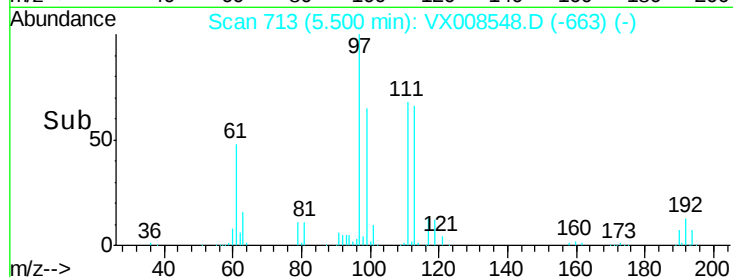
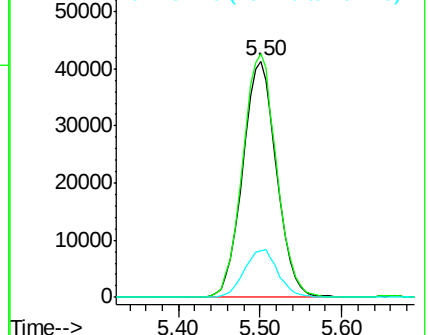
192 20.2 15.6 23.4



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: 51.425 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008548.D

Acq: 29 Mar 2019 16:59

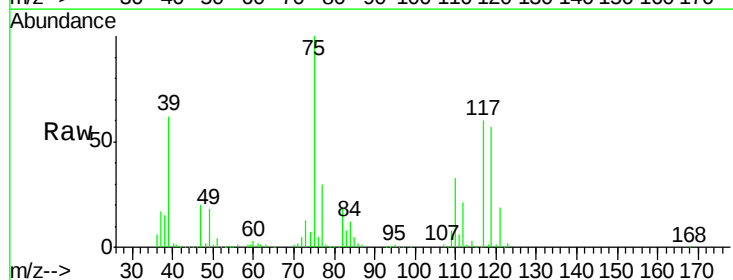
Tgt Ion: 75 Resp: 190494

Ion Ratio Lower Upper

75 100

110 33.2 16.6 49.7

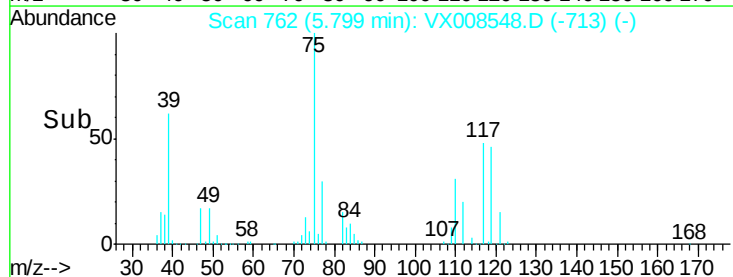
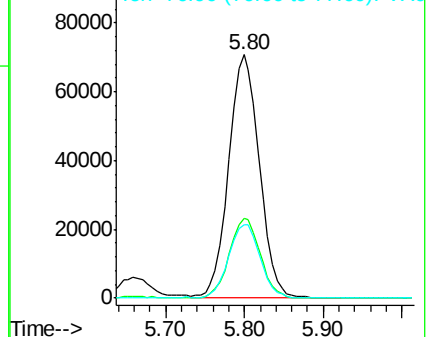
77 31.3 24.2 36.2

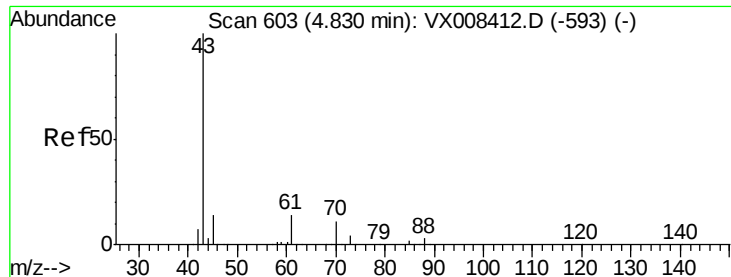


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

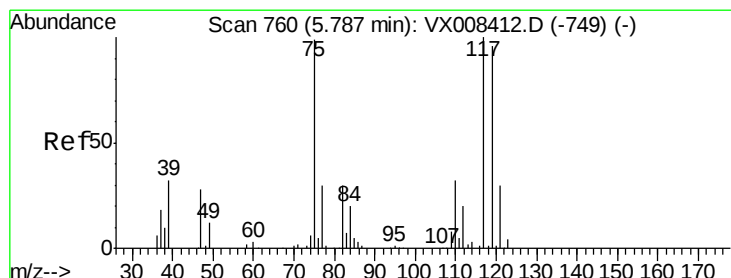
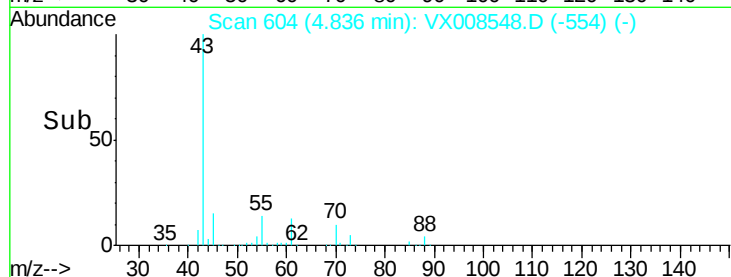
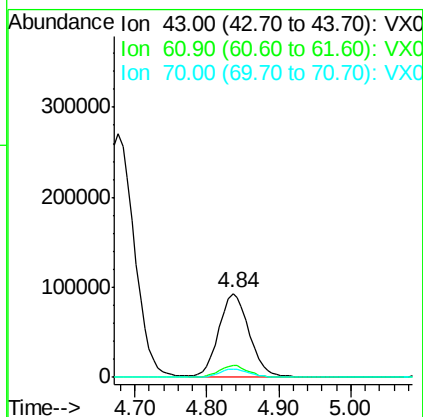
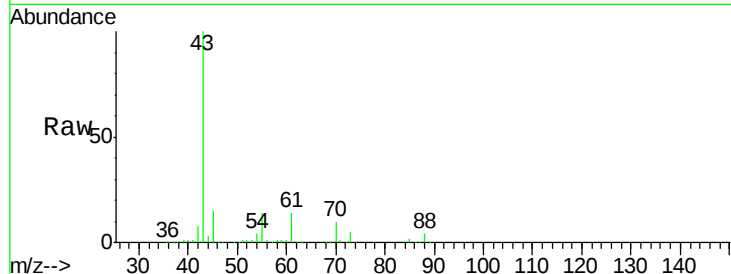




#37
Ethyl Acetate
Concen: 56.930 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX008548.D
Acq: 29 Mar 2019 16:59

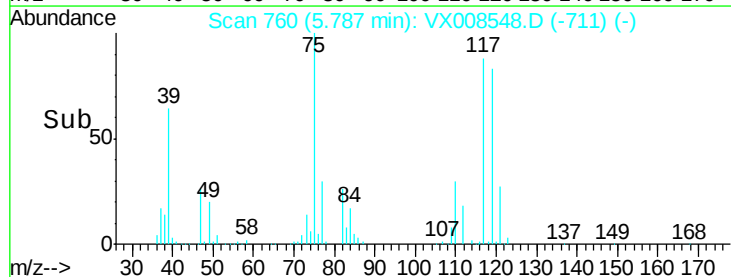
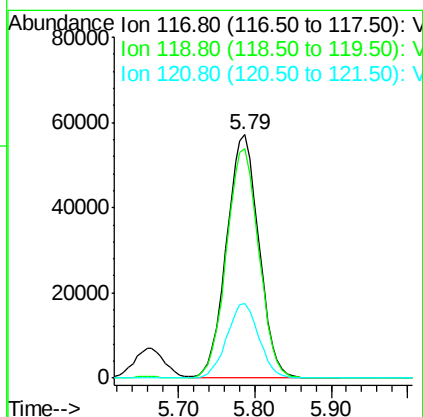
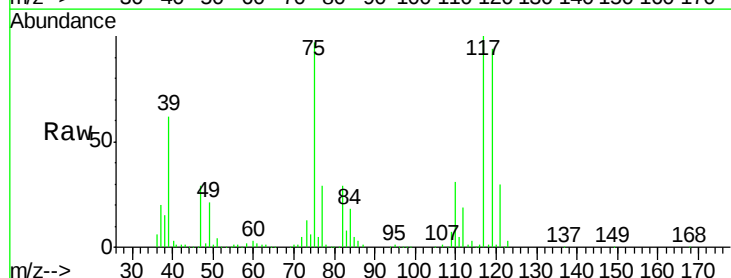
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

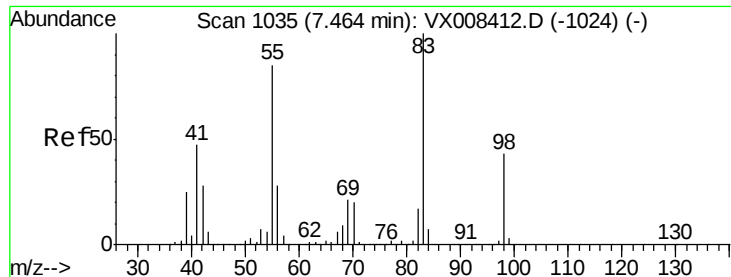
Tgt Ion: 43 Resp: 273200
Ion Ratio Lower Upper
43 100
61 13.3 10.5 15.7
70 9.8 7.8 11.8



#38
Carbon Tetrachloride
Concen: 54.148 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008548.D
Acq: 29 Mar 2019 16:59

Tgt Ion: 117 Resp: 167390
Ion Ratio Lower Upper
117 100
119 93.9 76.7 115.1
121 30.4 24.3 36.5

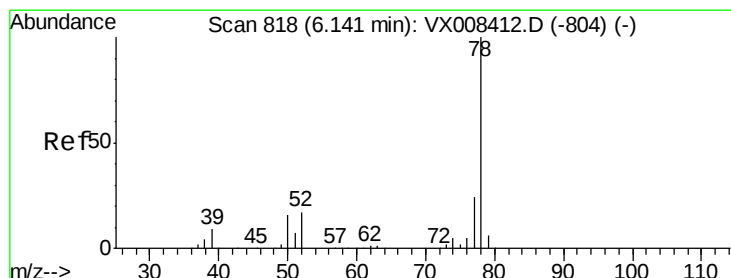
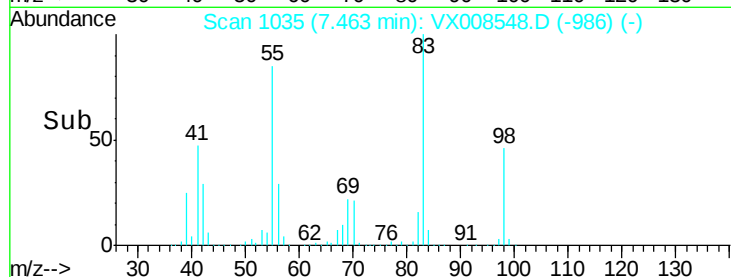
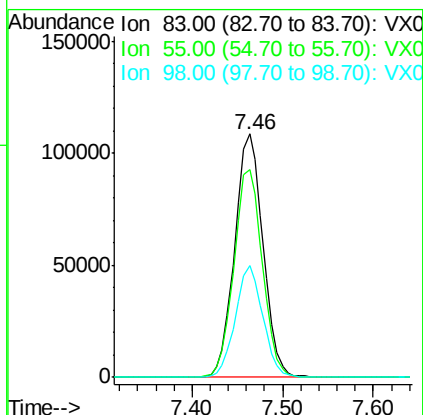
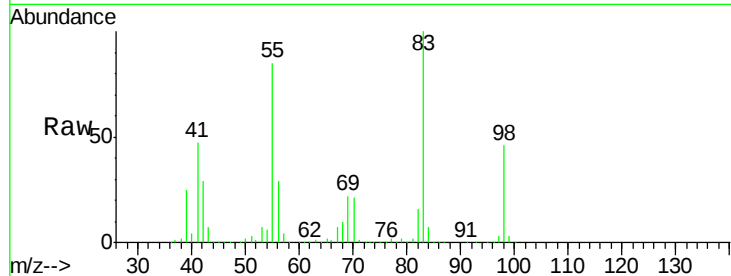




#39
Methylcyclohexane
Concen: 53.294 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008548.D
Acq: 29 Mar 2019 16:59

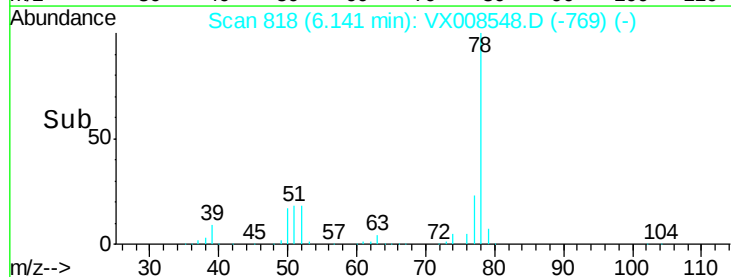
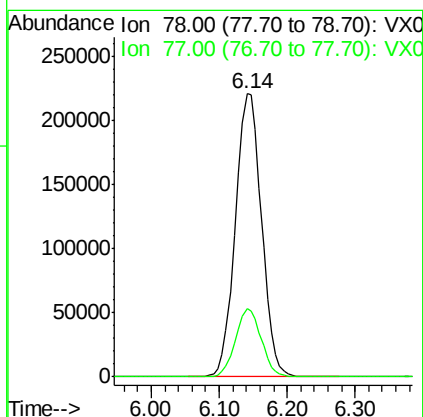
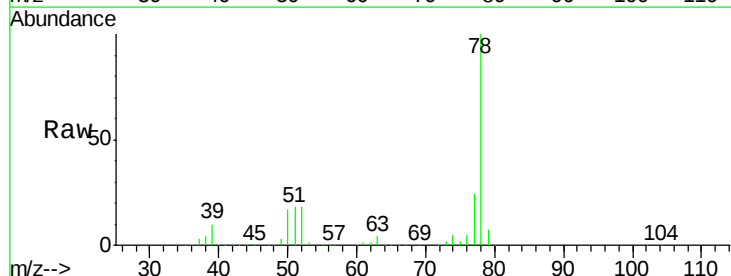
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

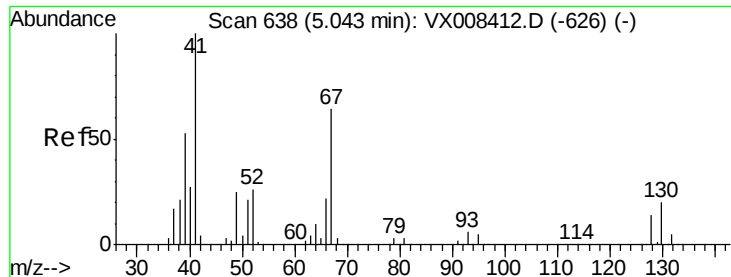
Tgt Ion: 83 Resp: 235930
Ion Ratio Lower Upper
83 100
55 85.3 68.2 102.4
98 45.7 34.2 51.4



#40
Benzene
Concen: 53.226 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008548.D
Acq: 29 Mar 2019 16:59

Tgt Ion: 78 Resp: 590258
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9





#41

Methacrylonitrile

Concen: 57.014 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX008548.D

Acq: 29 Mar 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 153757

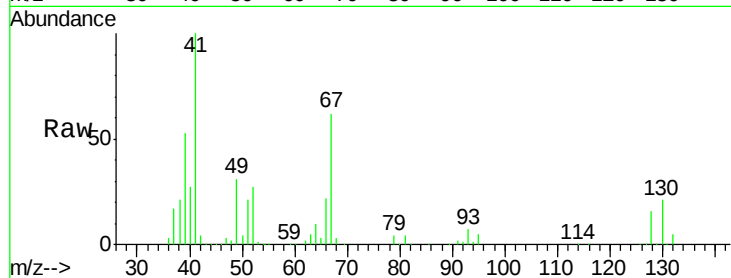
Ion Ratio Lower Upper

41 100

39 54.2 42.6 64.0

67 64.7 52.2 78.4

52 26.7 21.4 32.0

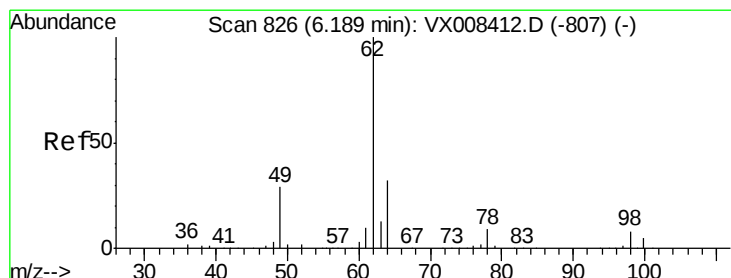
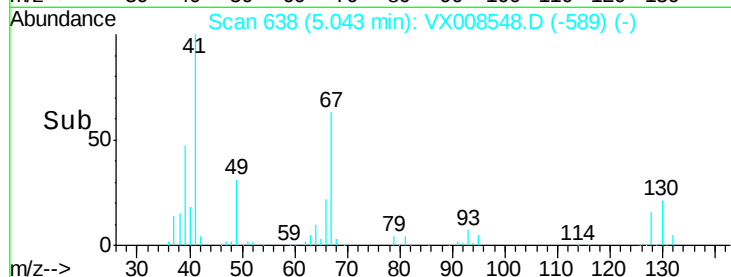
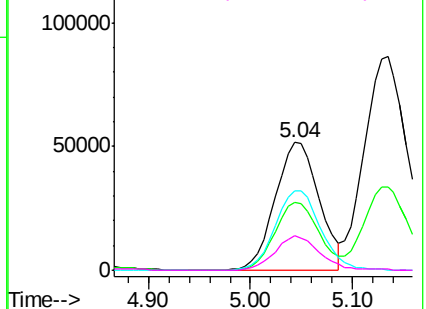


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 51.525 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX008548.D

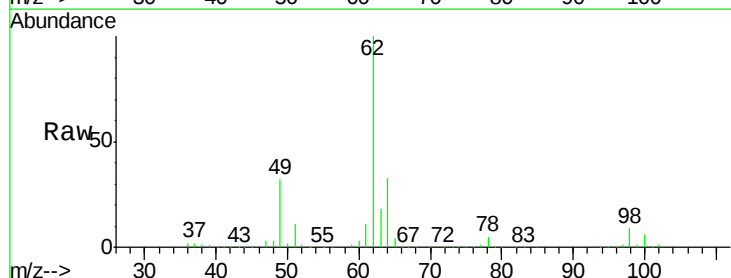
Acq: 29 Mar 2019 16:59

Tgt Ion: 62 Resp: 209207

Ion Ratio Lower Upper

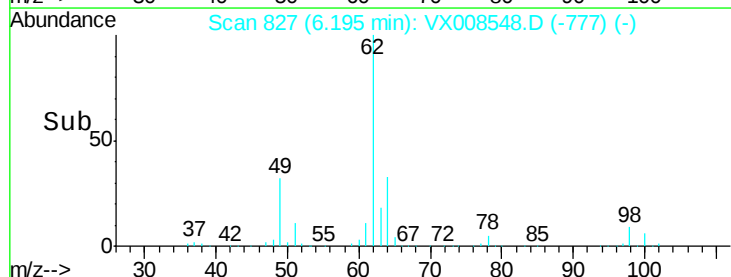
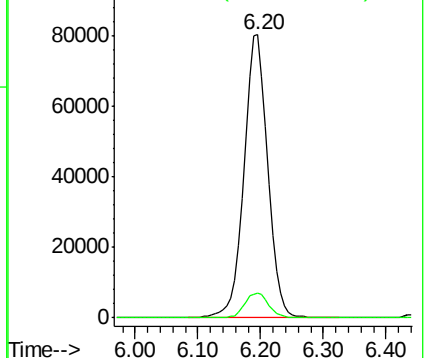
62 100

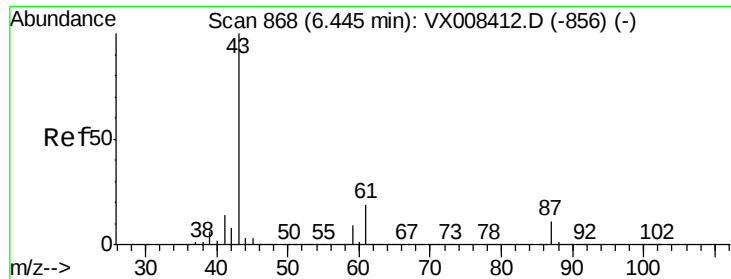
98 8.9 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



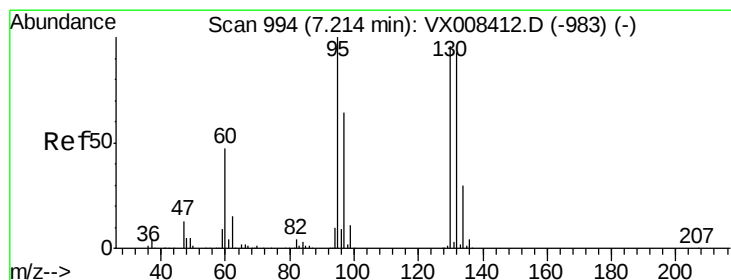
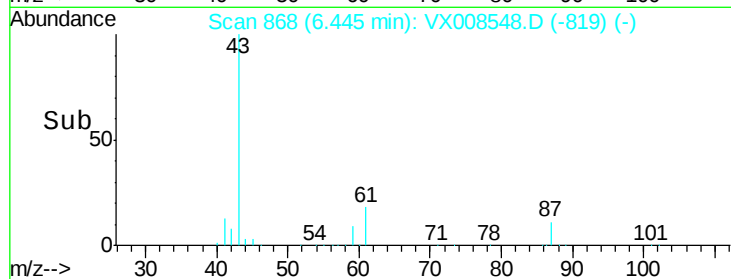
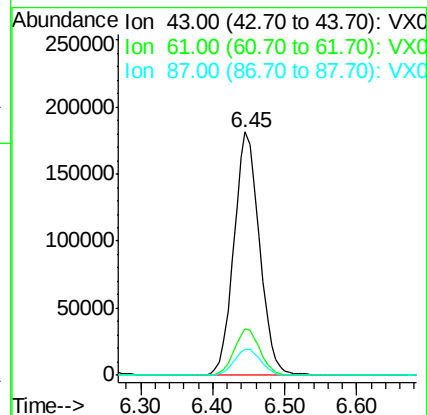
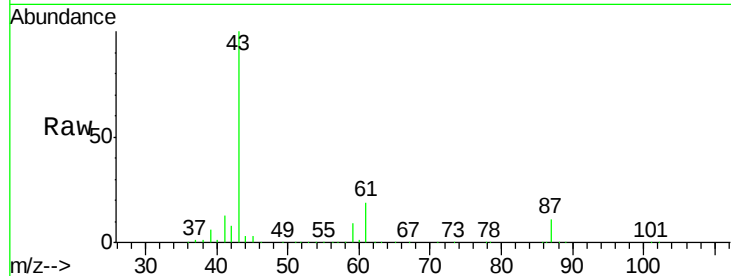


#43

Isopropyl Acetate
 Concen: 58.098 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX008548.D
 Acq: 29 Mar 2019 16:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

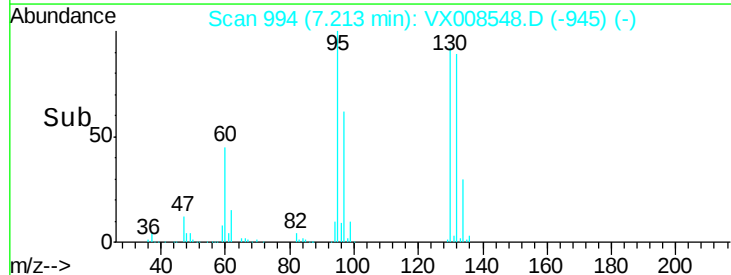
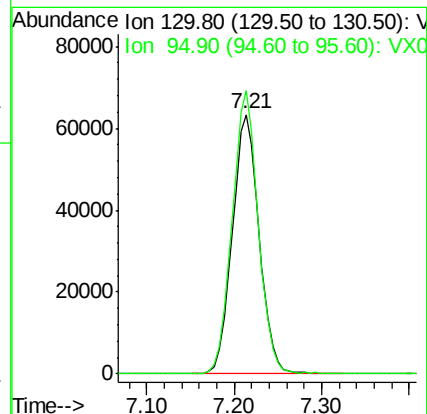
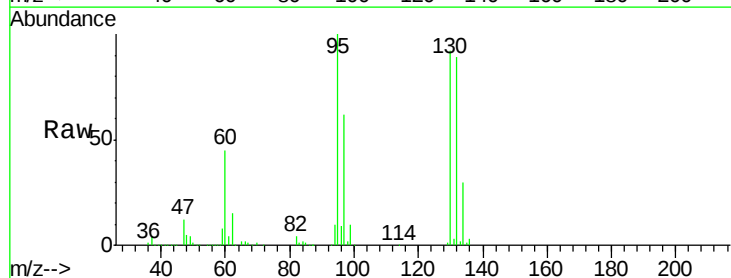
Tgt Ion: 43 Resp: 445951
 Ion Ratio Lower Upper
 43 100
 61 19.2 15.4 23.2
 87 11.3 9.1 13.7

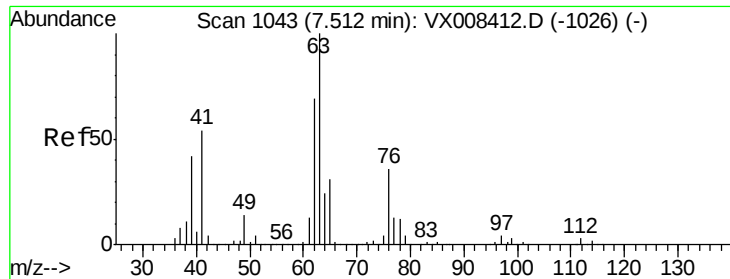


#44

Trichloroethene
 Concen: 51.831 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008548.D
 Acq: 29 Mar 2019 16:59

Tgt Ion: 130 Resp: 134959
 Ion Ratio Lower Upper
 130 100
 95 109.1 0.0 208.8

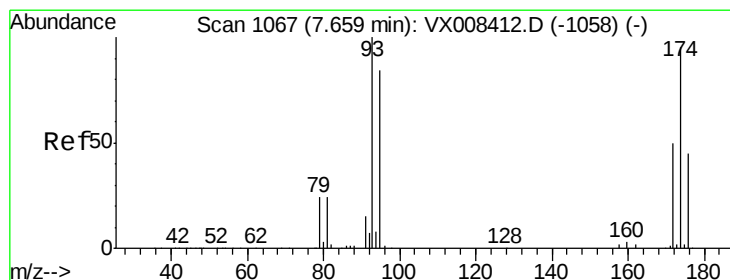
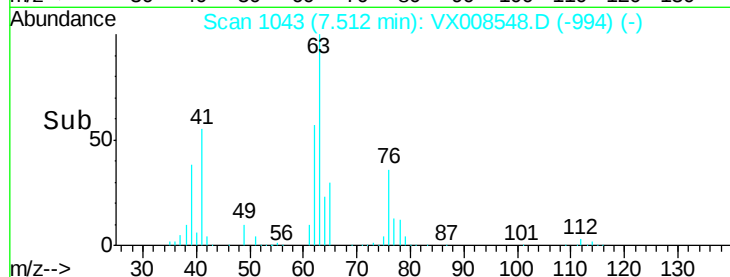
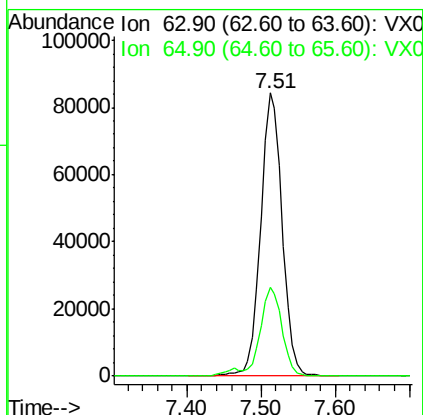
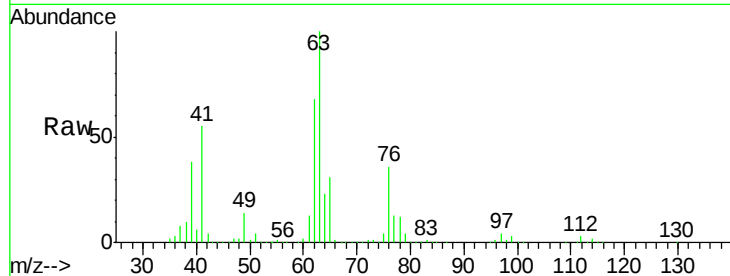




#45
 1,2-Dichloropropane
 Concen: 54.339 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008548.D
 Acq: 29 Mar 2019 16:59

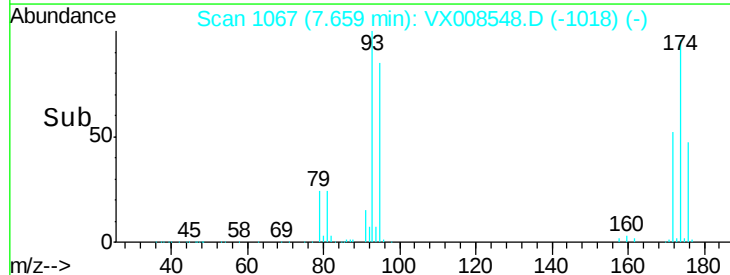
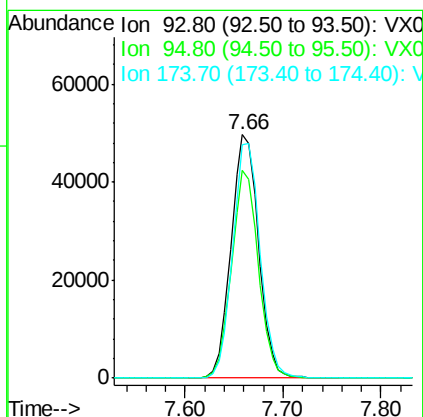
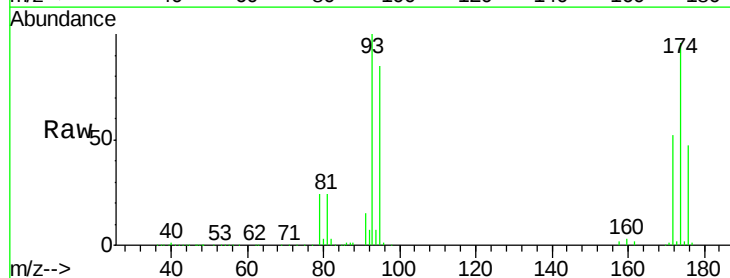
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

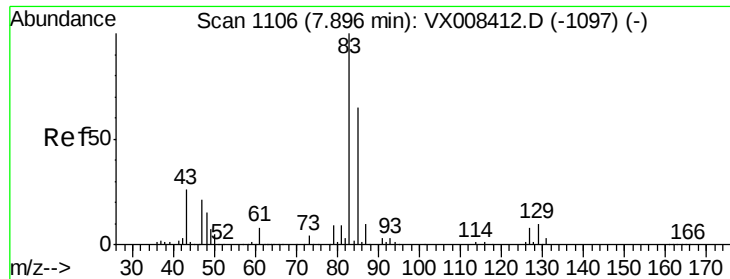
Tgt Ion: 63 Resp: 171283
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.1 37.7



#46
 Dibromomethane
 Concen: 52.821 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008548.D
 Acq: 29 Mar 2019 16:59

Tgt Ion: 93 Resp: 97227
 Ion Ratio Lower Upper
 93 100
 95 83.3 67.0 100.6
 174 96.1 76.0 114.0





#47

Bromodichloromethane

Concen: 55.590 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008548.D

Acq: 29 Mar 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

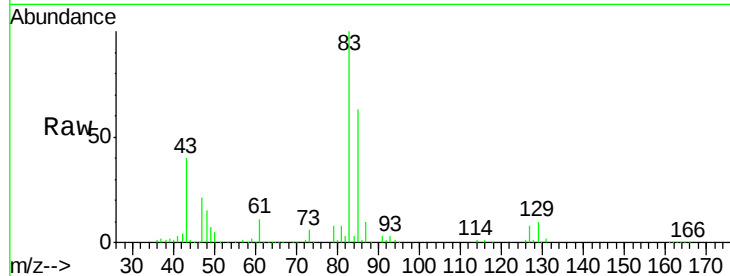
Tgt Ion: 83 Resp: 195855

Ion Ratio Lower Upper

83 100

85 62.7 52.0 78.0

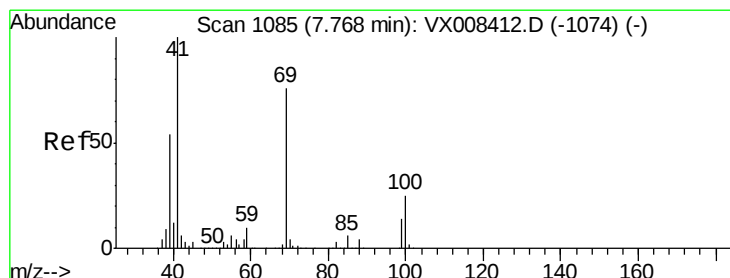
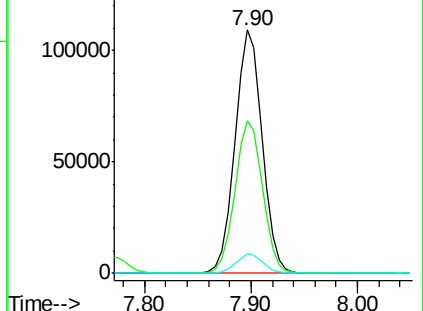
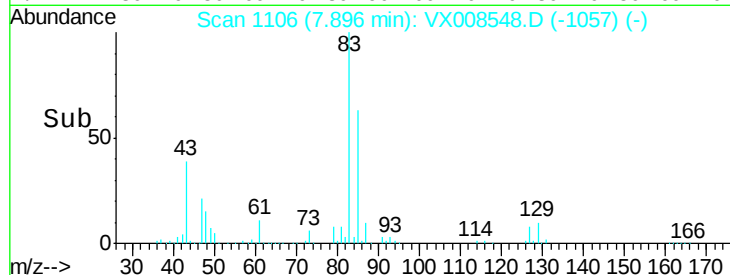
127 8.0 6.4 9.6



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: 58.061 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008548.D

Acq: 29 Mar 2019 16:59

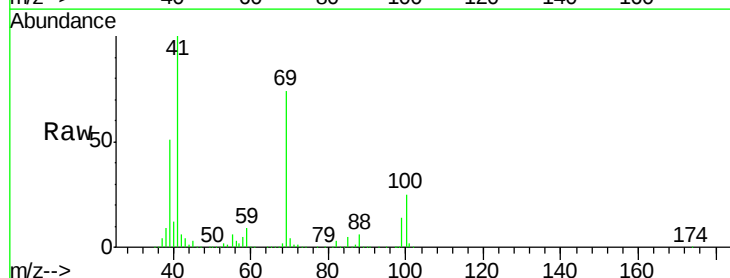
Tgt Ion: 41 Resp: 222992

Ion Ratio Lower Upper

41 100

69 75.6 60.8 91.2

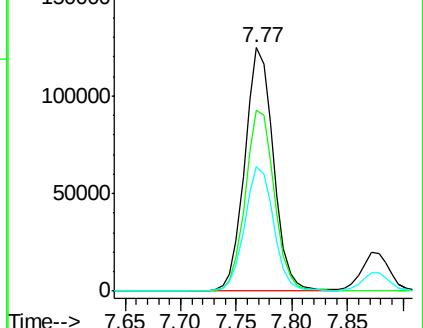
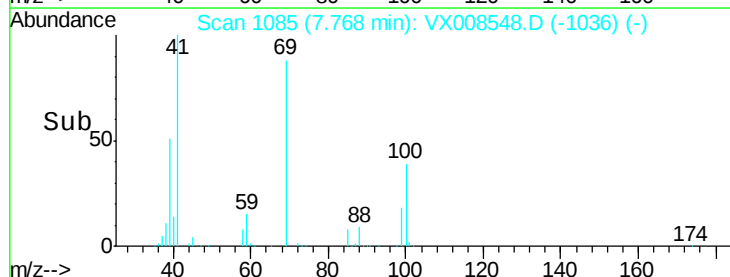
39 51.8 42.3 63.5

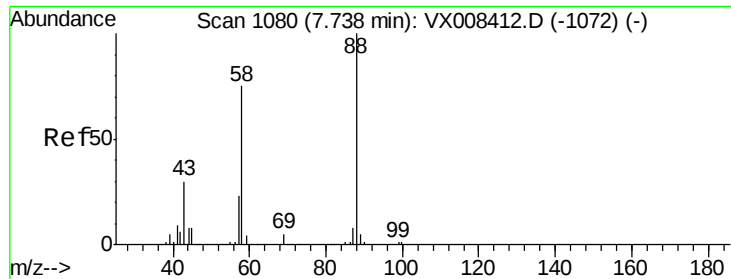


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

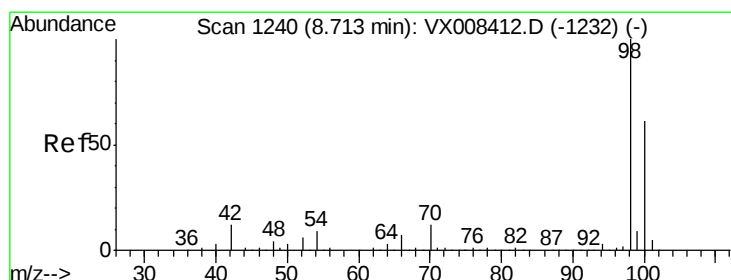
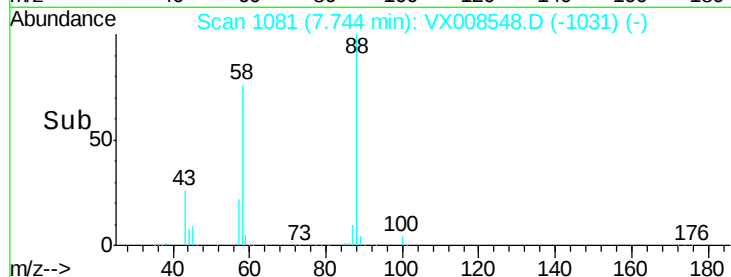
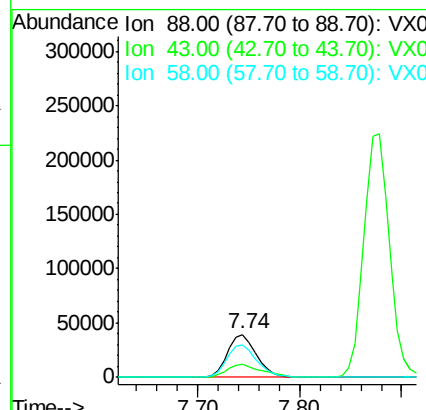
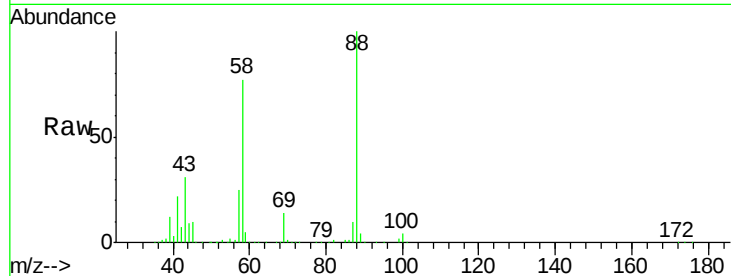




#49
1,4-Dioxane
Concen: 1020.449 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX008548.D
Acq: 29 Mar 2019 16:59

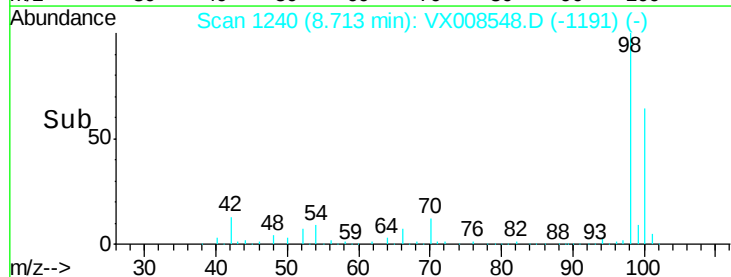
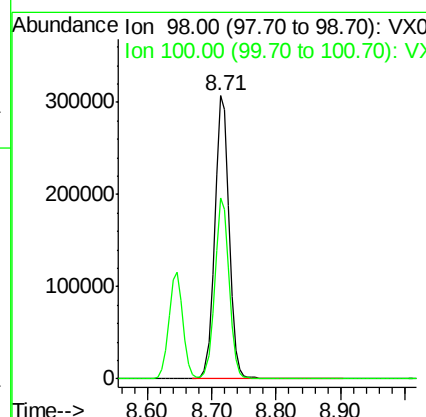
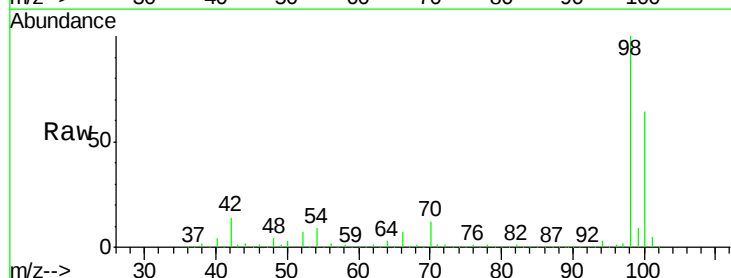
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

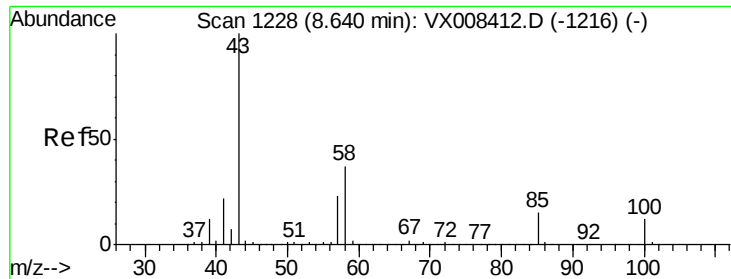
Tgt Ion: 88 Resp: 77927
Ion Ratio Lower Upper
88 100
43 36.5 28.6 43.0
58 79.2 63.0 94.4



#50
Toluene-d8
Concen: 53.106 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008548.D
Acq: 29 Mar 2019 16:59

Tgt Ion: 98 Resp: 481044
Ion Ratio Lower Upper
98 100
100 63.8 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 291.265 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008548.D

Acq: 29 Mar 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

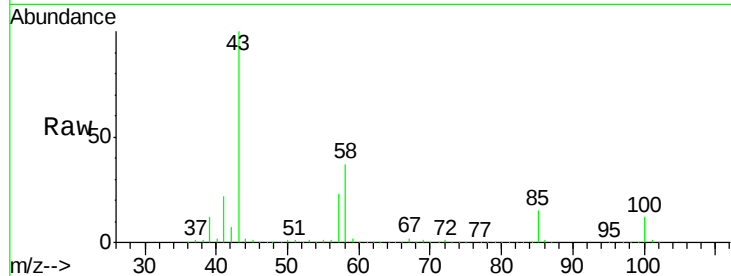
VSTDCCC050EC

Tgt Ion: 43 Resp: 1452099

Ion Ratio Lower Upper

43 100

58 37.3 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

1000000

800000

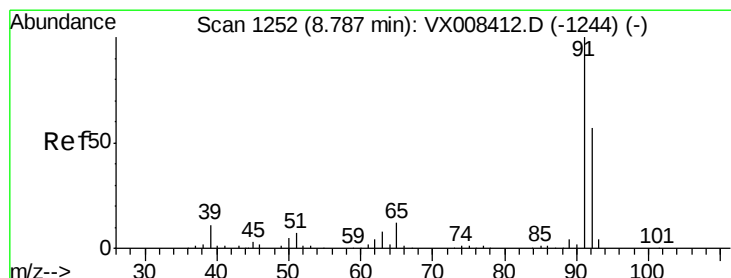
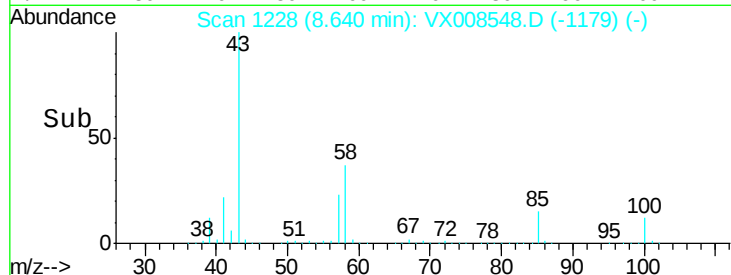
600000

400000

200000

0

Time--> 8.50 8.60 8.70 8.80



#52

Toluene

Concen: 53.647 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008548.D

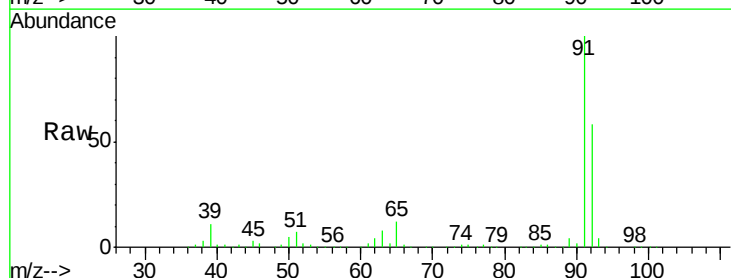
Acq: 29 Mar 2019 16:59

Tgt Ion: 92 Resp: 355723

Ion Ratio Lower Upper

92 100

91 174.7 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

400000

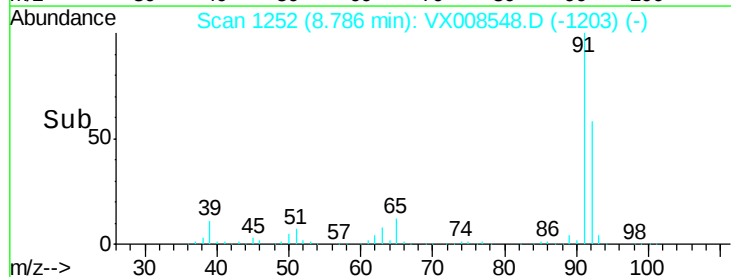
300000

200000

100000

0

Time--> 8.70 8.80 8.90

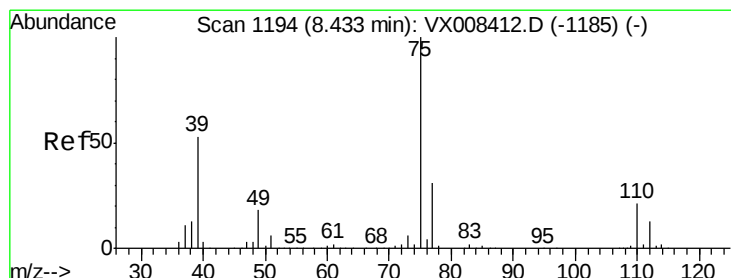
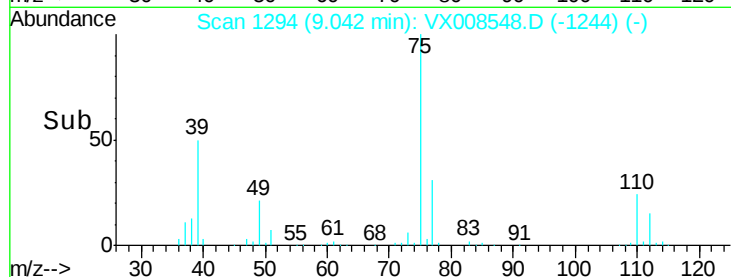
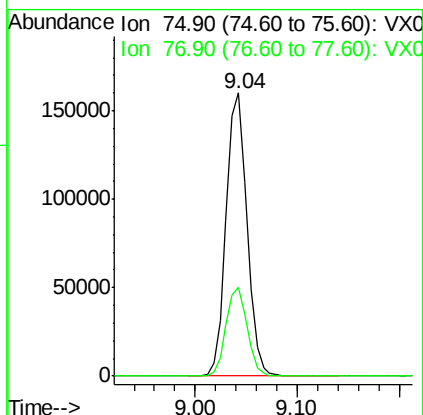
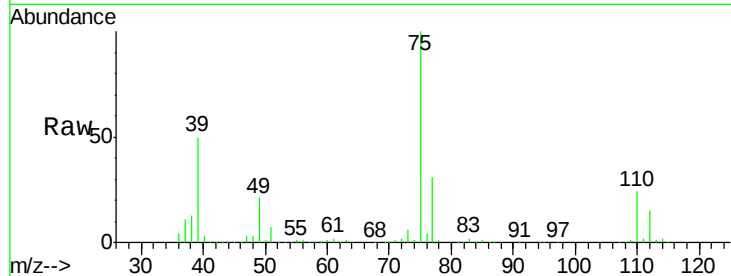




#53
 t-1,3-Dichloropropene
 Concen: 58.790 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX008548.D
 Acq: 29 Mar 2019 16:59

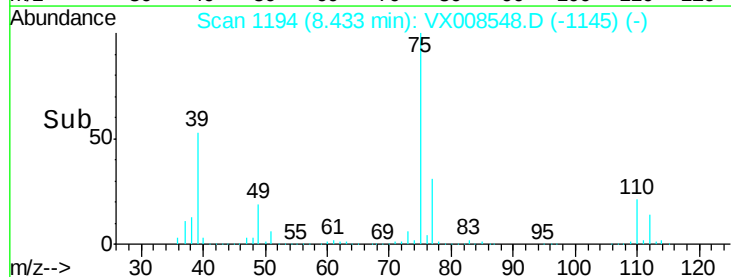
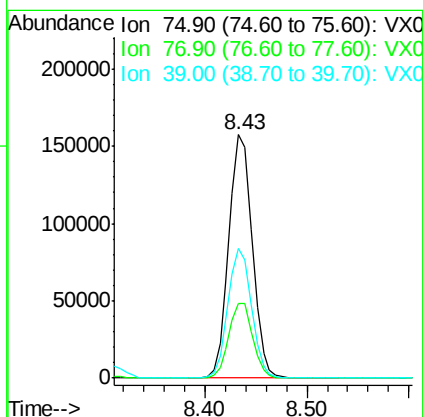
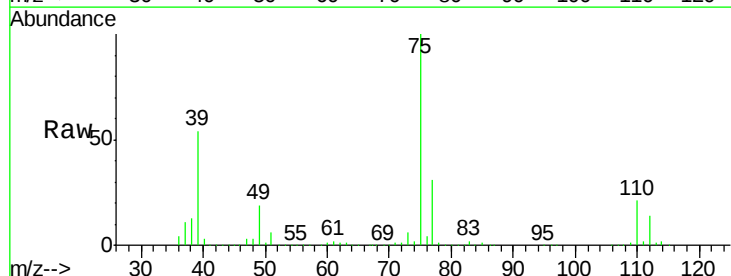
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

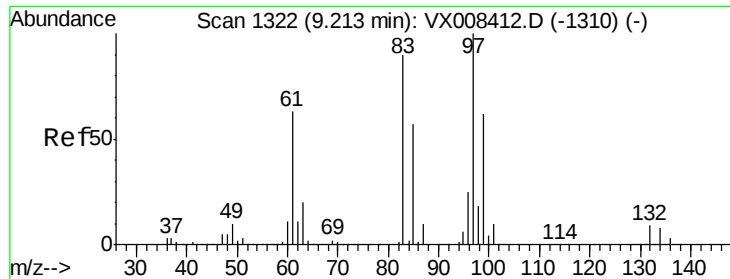
Tgt Ion: 75 Resp: 226873
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.3 36.5



#54
 cis-1,3-Dichloropropene
 Concen: 57.093 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008548.D
 Acq: 29 Mar 2019 16:59

Tgt Ion: 75 Resp: 250535
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.7 37.1
 39 53.4 42.4 63.6

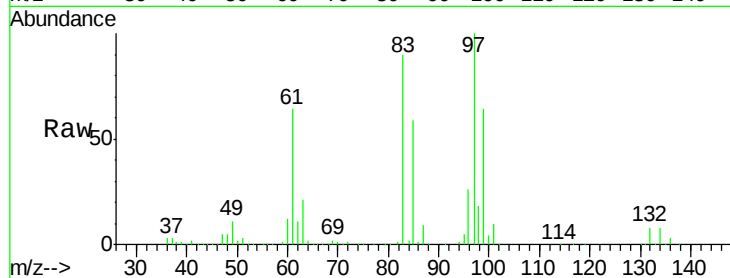




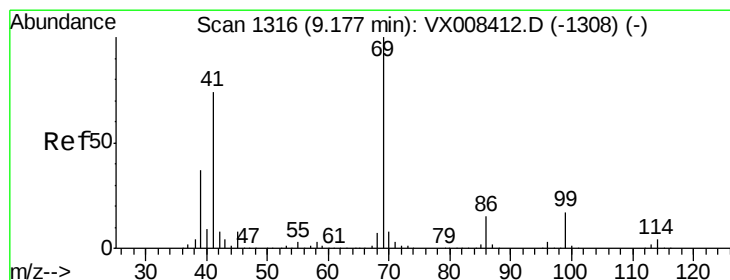
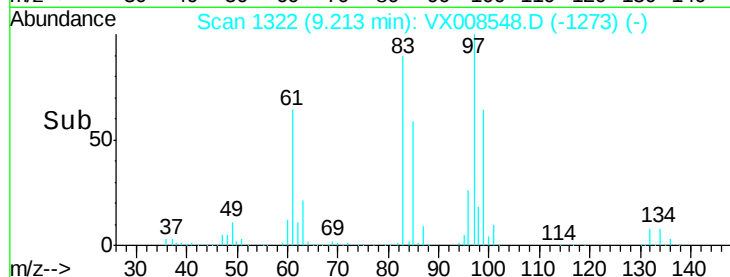
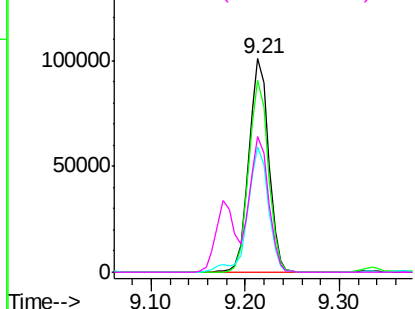
#55
 1,1,2-Trichloroethane
 Concen: 54.675 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008548.D
 Acq: 29 Mar 2019 16:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 147580
 Ion Ratio Lower Upper
 97 100
 83 90.0 71.8 107.6
 85 58.8 45.9 68.9
 99 63.6 49.4 74.0

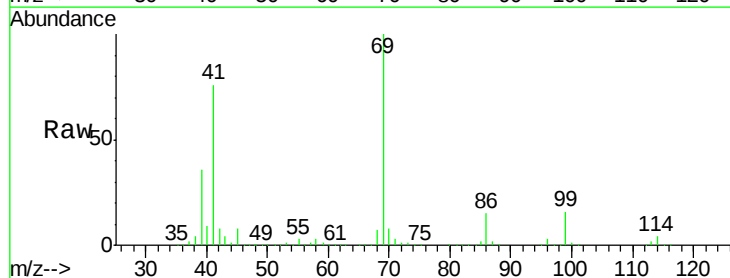


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

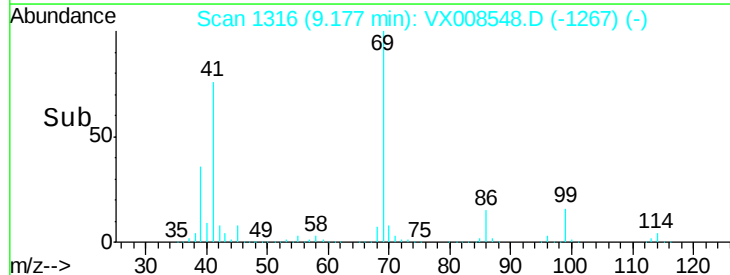
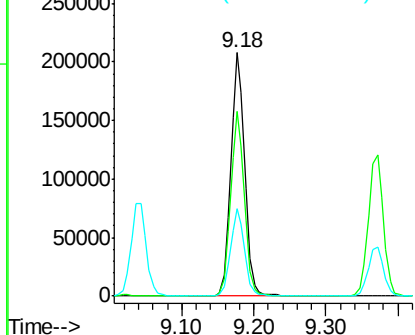


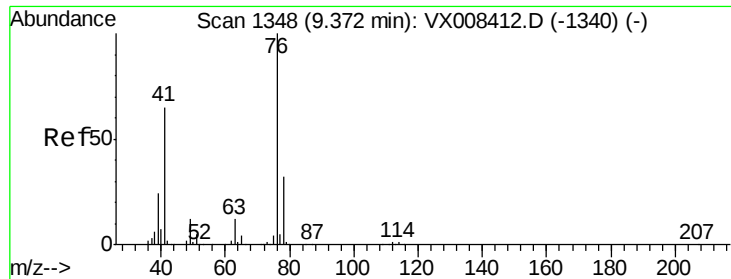
#56
 Ethyl methacrylate
 Concen: 57.886 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008548.D
 Acq: 29 Mar 2019 16:59

Tgt Ion: 69 Resp: 282038
 Ion Ratio Lower Upper
 69 100
 41 74.8 59.5 89.3
 39 35.8 29.3 43.9



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

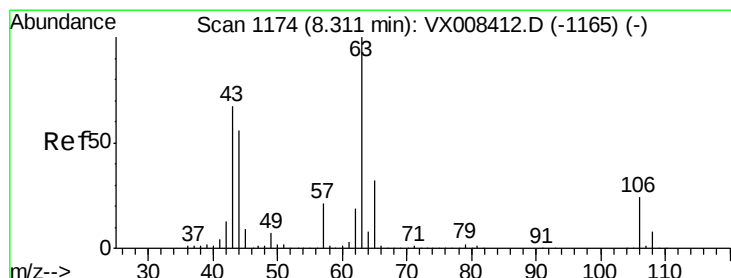
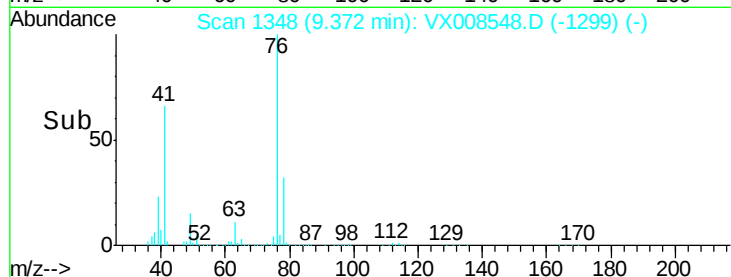
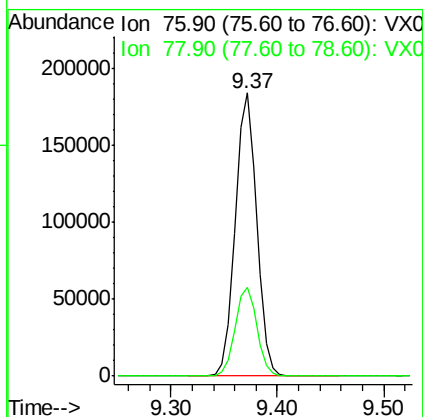
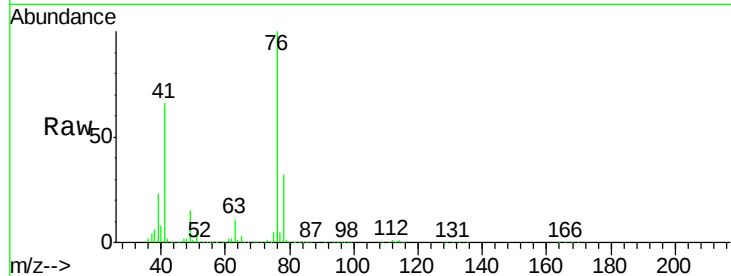




#57
 1,3-Dichloropropane
 Concen: 54.040 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX008548.D
 Acq: 29 Mar 2019 16:59

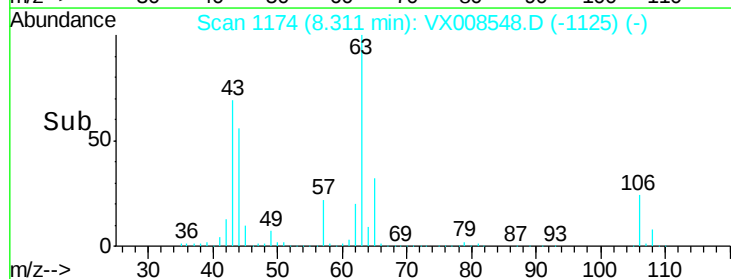
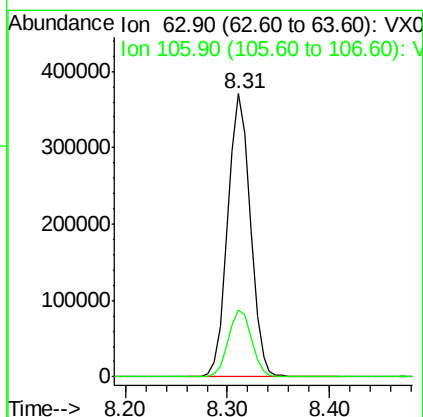
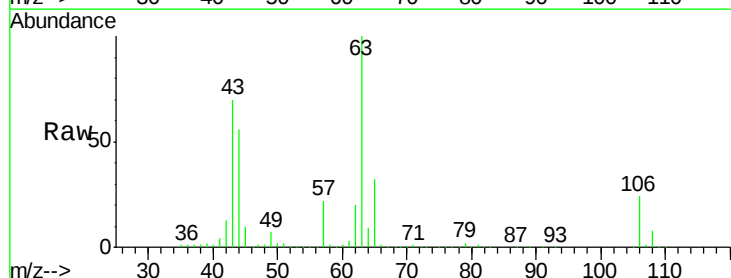
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

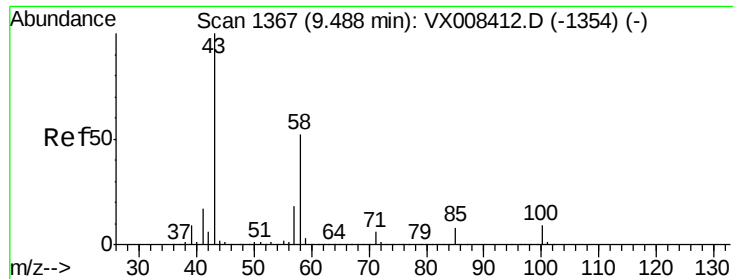
Tgt Ion: 76 Resp: 261526
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 225.330 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008548.D
 Acq: 29 Mar 2019 16:59

Tgt Ion: 63 Resp: 567511
 Ion Ratio Lower Upper
 63 100
 106 24.2 19.0 28.6

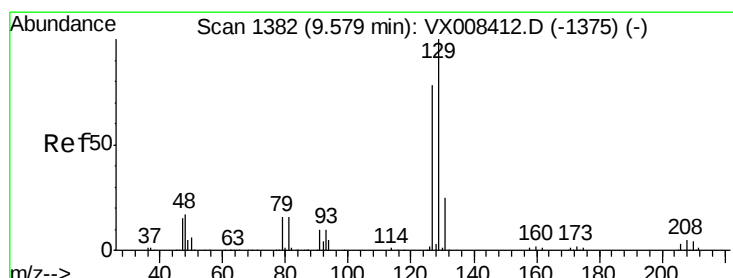
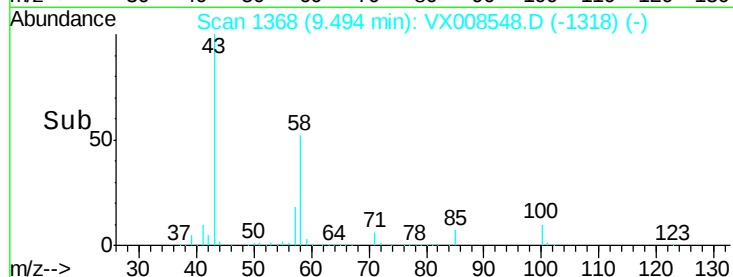
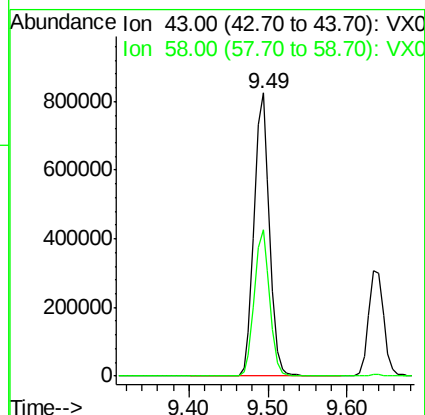
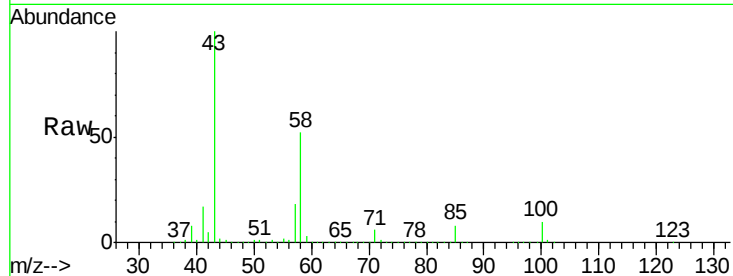




#59
2-Hexanone
Concen: 289.252 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.01 min
Lab File: VX008548.D
Acq: 29 Mar 2019 16:59

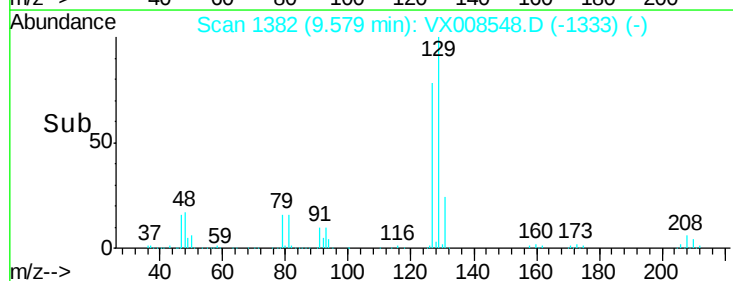
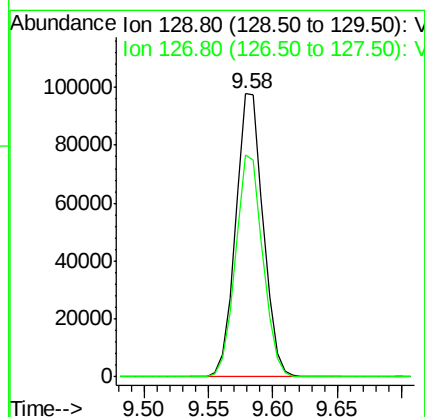
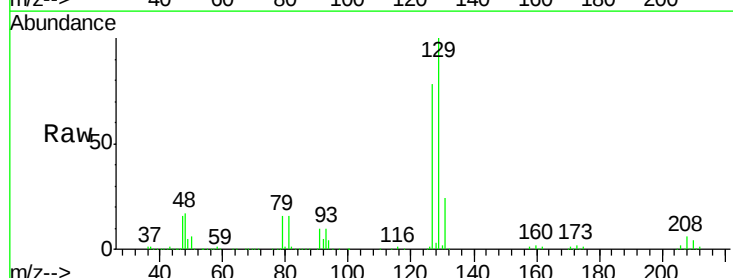
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

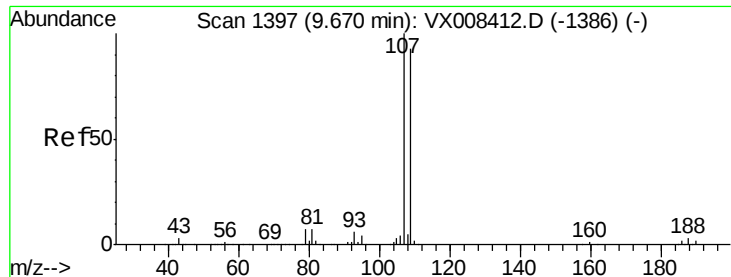
Tgt Ion: 43 Resp: 1117388
Ion Ratio Lower Upper
43 100
58 51.8 26.3 78.9



#60
Dibromochloromethane
Concen: 56.581 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008548.D
Acq: 29 Mar 2019 16:59

Tgt Ion: 129 Resp: 145243
Ion Ratio Lower Upper
129 100
127 77.6 38.1 114.3





#61

1,2-Dibromoethane

Concen: 55.051 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008548.D

Acq: 29 Mar 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

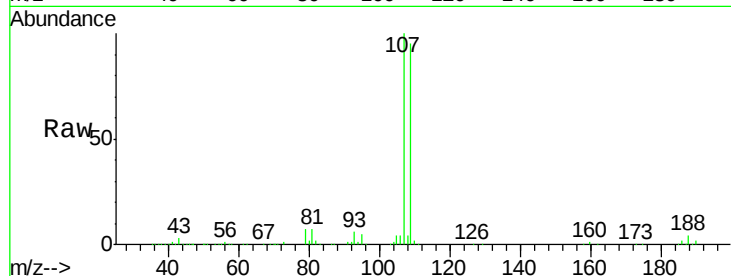
VSTDCCC050EC

Tgt Ion: 107 Resp: 151643

Ion Ratio Lower Upper

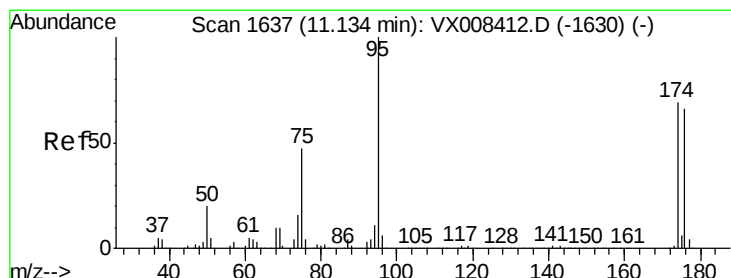
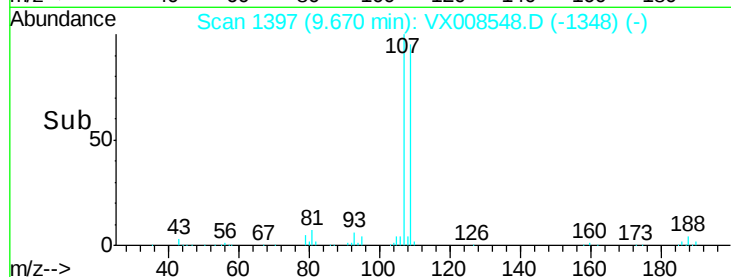
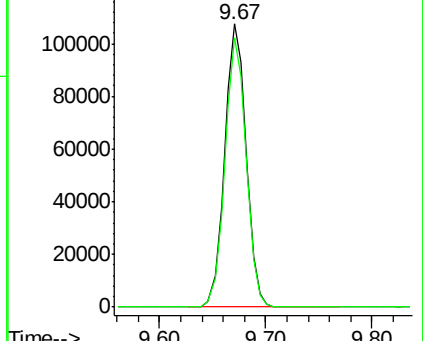
107 100

109 94.6 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.670 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008548.D

Acq: 29 Mar 2019 16:59

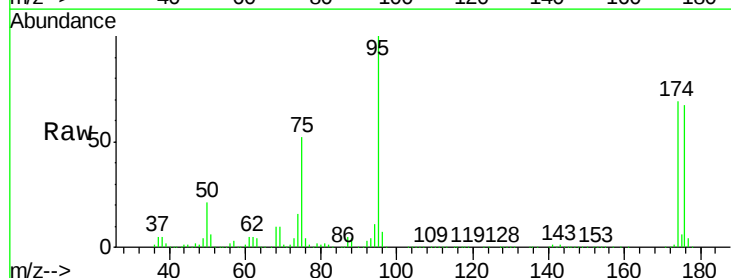
Tgt Ion: 95 Resp: 180150

Ion Ratio Lower Upper

95 100

174 74.8 0.0 147.2

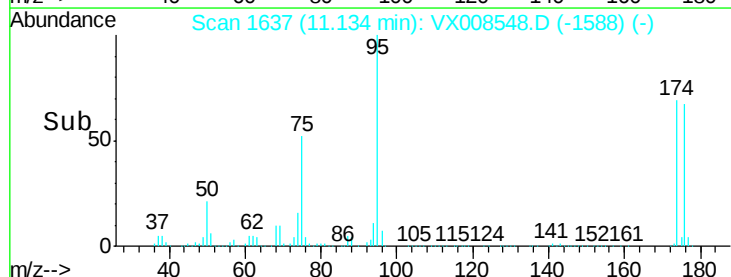
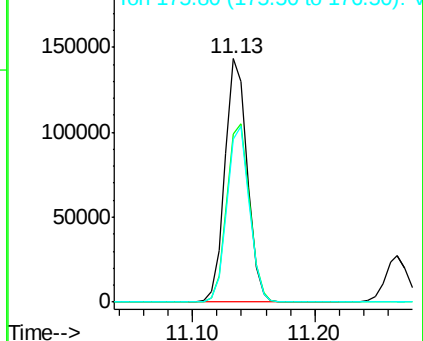
176 72.5 0.0 142.4

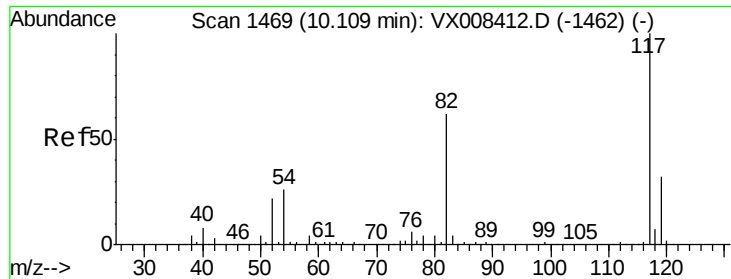


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

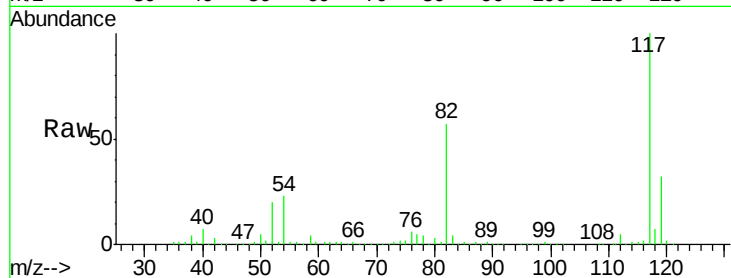




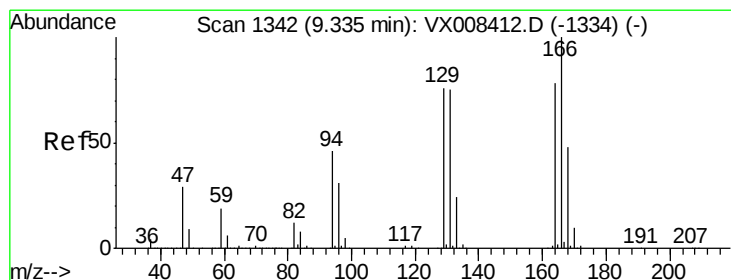
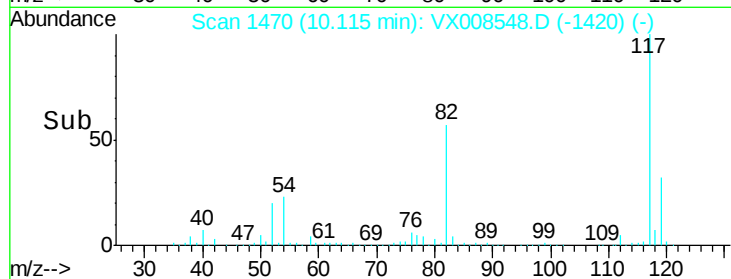
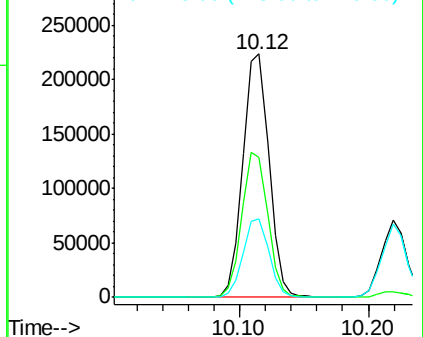
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008548.D
Acq: 29 Mar 2019 16:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 313807
Ion Ratio Lower Upper
117 100
82 57.3 49.4 74.2
119 32.2 25.4 38.0



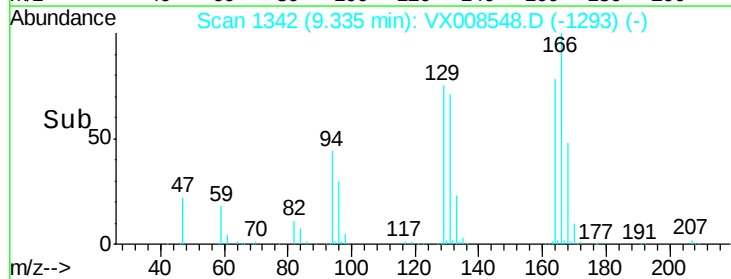
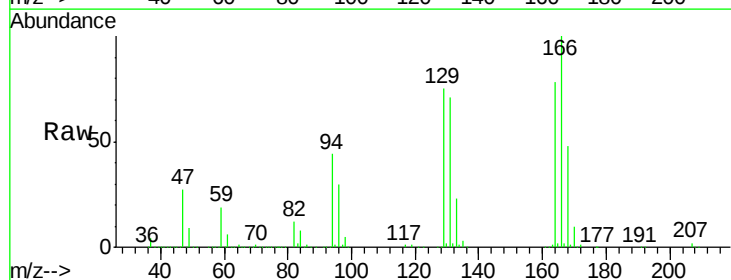
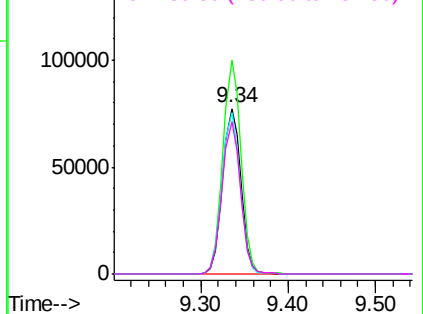
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

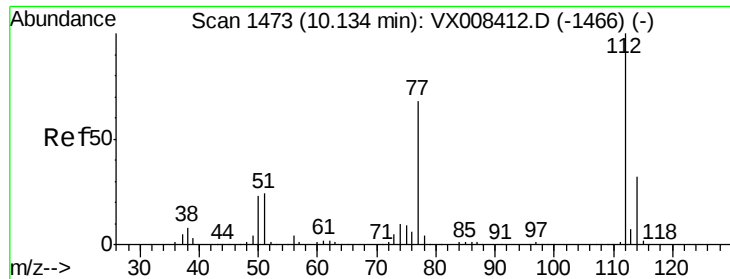


#64
Tetrachloroethene
Concen: 53.115 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008548.D
Acq: 29 Mar 2019 16:59

Tgt Ion:164 Resp: 112842
Ion Ratio Lower Upper
164 100
166 128.9 102.5 153.7
129 97.1 77.8 116.8
131 91.7 76.9 115.3

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

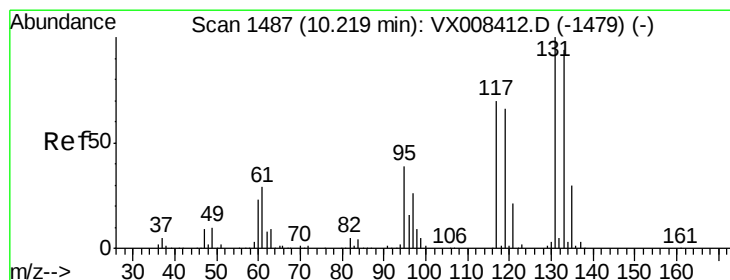
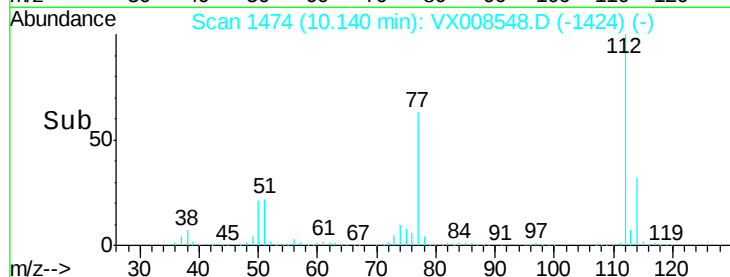
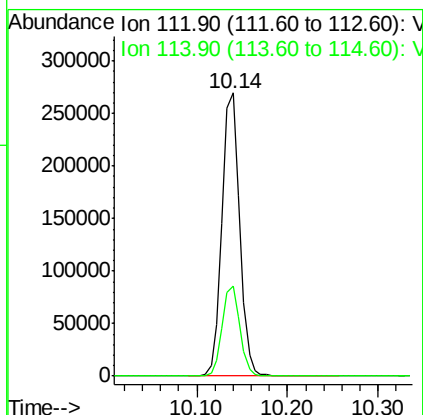
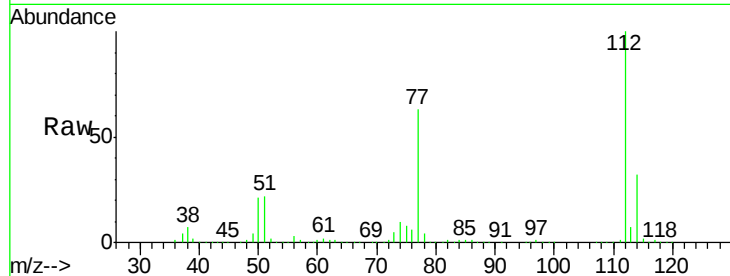




#65
Chlorobenzene
Concen: 53.979 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX008548.D
Acq: 29 Mar 2019 16:59

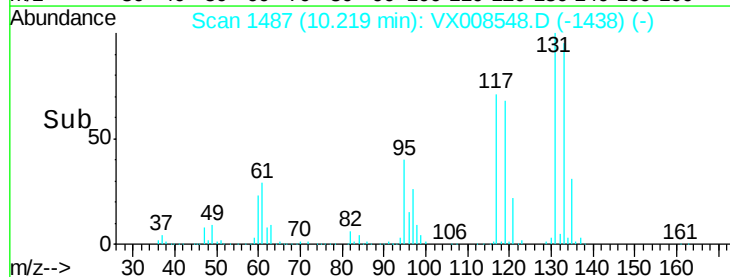
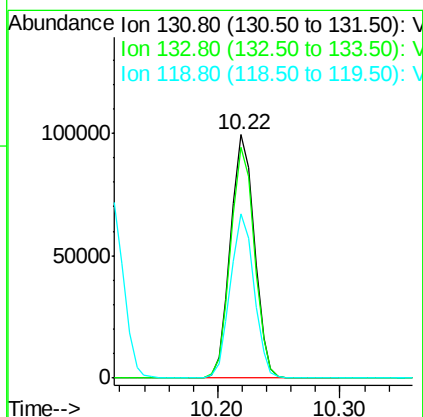
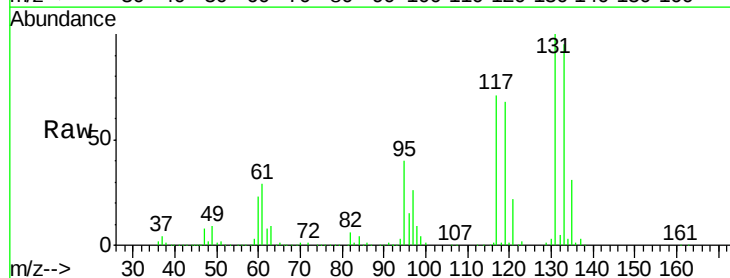
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

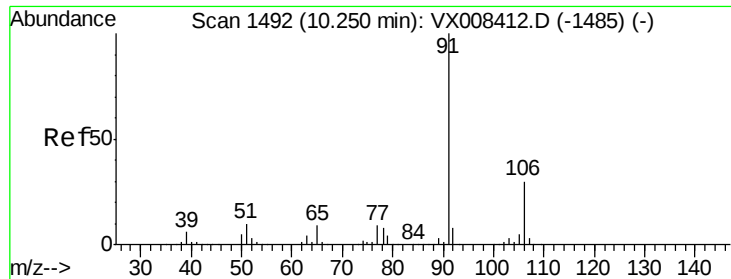
Tgt Ion:112 Resp: 368374
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 56.857 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008548.D
Acq: 29 Mar 2019 16:59

Tgt Ion:131 Resp: 133869
Ion Ratio Lower Upper
131 100
133 94.7 47.3 141.8
119 67.1 33.6 100.6





#67

Ethyl Benzene

Concen: 53.807 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008548.D

Acq: 29 Mar 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

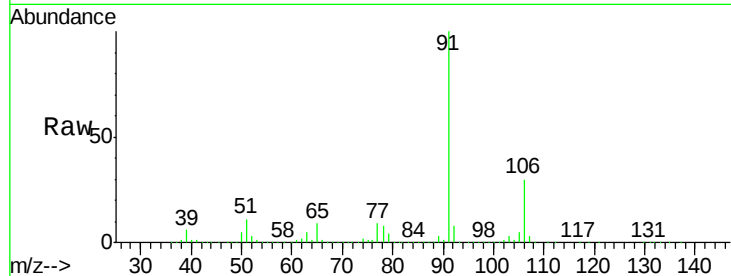
VSTDCCC050EC

Tgt Ion: 91 Resp: 693006

Ion Ratio Lower Upper

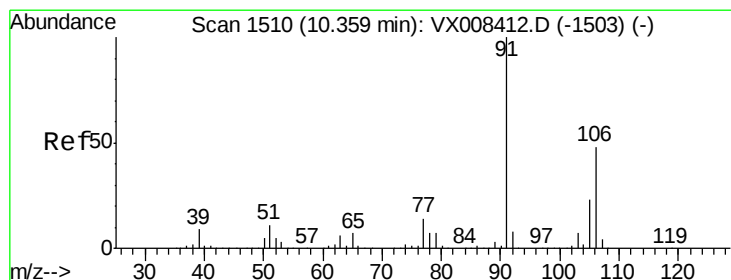
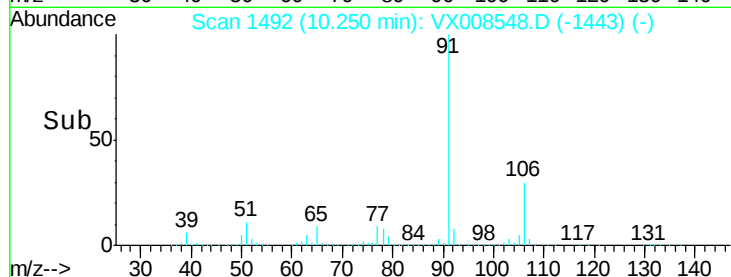
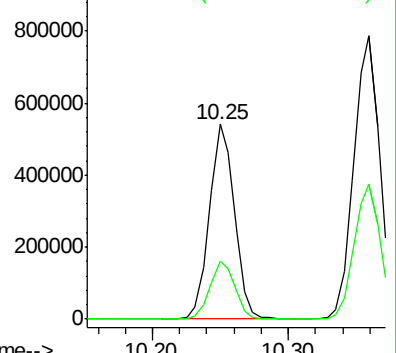
91 100

106 30.1 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 107.207 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008548.D

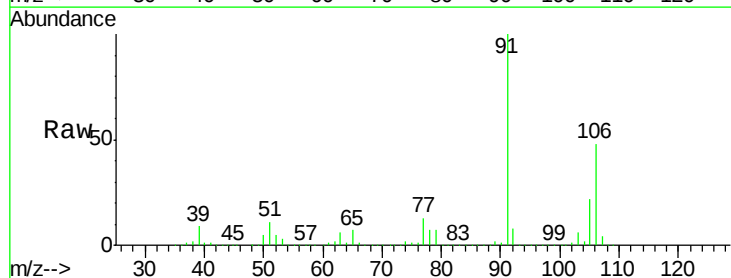
Acq: 29 Mar 2019 16:59

Tgt Ion: 106 Resp: 502321

Ion Ratio Lower Upper

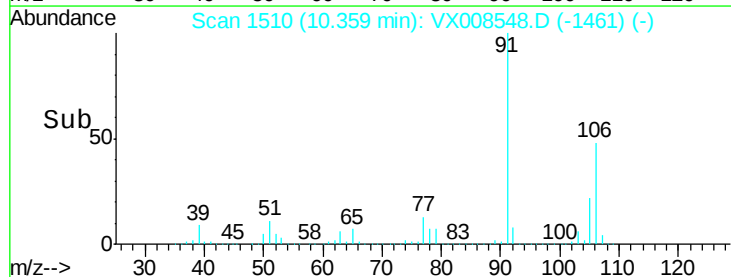
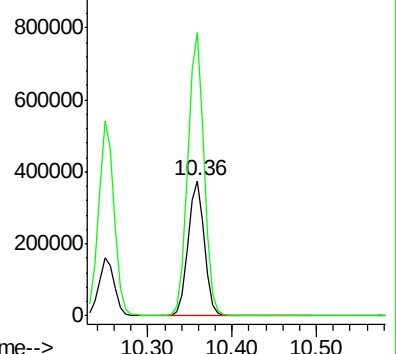
106 100

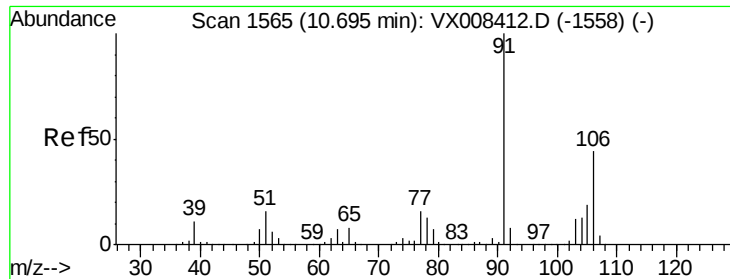
91 209.2 168.6 253.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

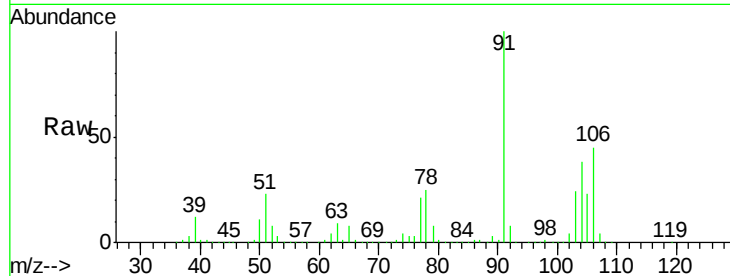




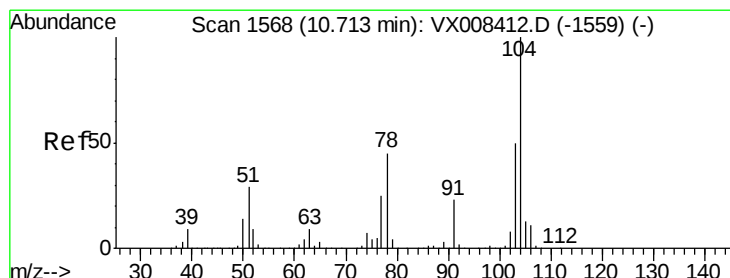
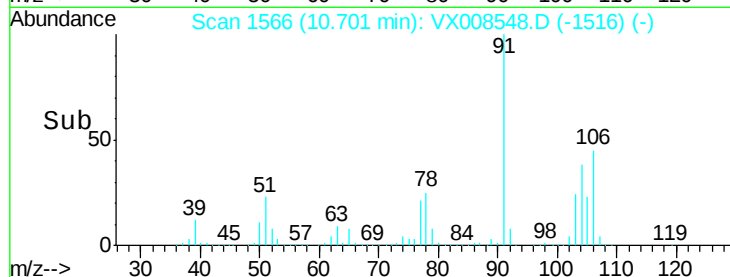
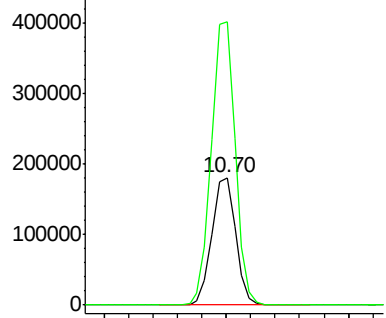
#69
o-Xylene
Concen: 53.693 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX008548.D
Acq: 29 Mar 2019 16:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 244141
Ion Ratio Lower Upper
106 100
91 222.6 111.4 334.2

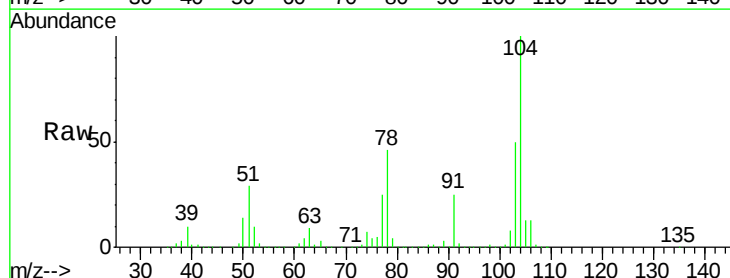


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

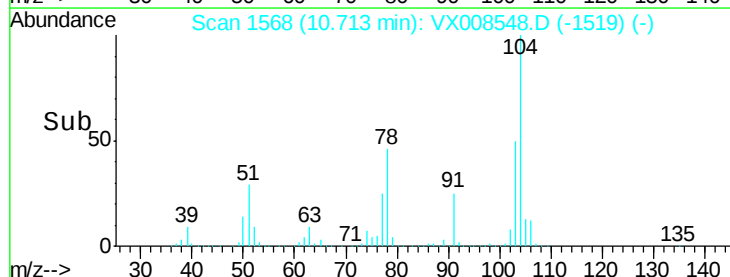
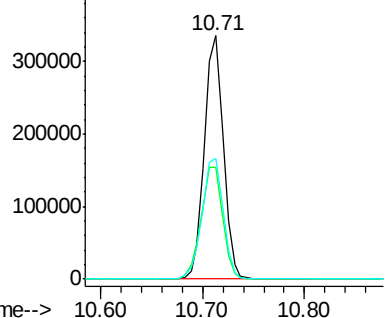


#70
Styrene
Concen: 54.750 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008548.D
Acq: 29 Mar 2019 16:59

Tgt Ion:104 Resp: 430020
Ion Ratio Lower Upper
104 100
78 52.8 42.5 63.7
103 55.4 44.2 66.4



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





#71

Bromoform

Concen: 57.727 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX008548.D

Acq: 29 Mar 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

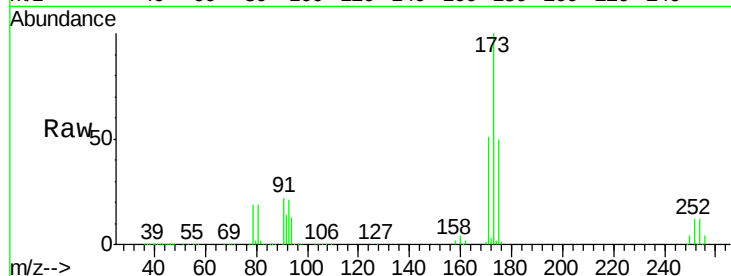
Tgt Ion:173 Resp: 107337

Ion Ratio Lower Upper

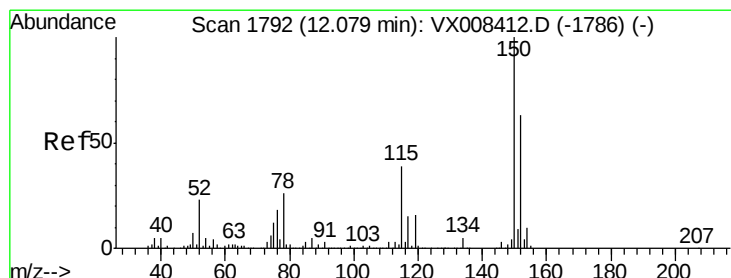
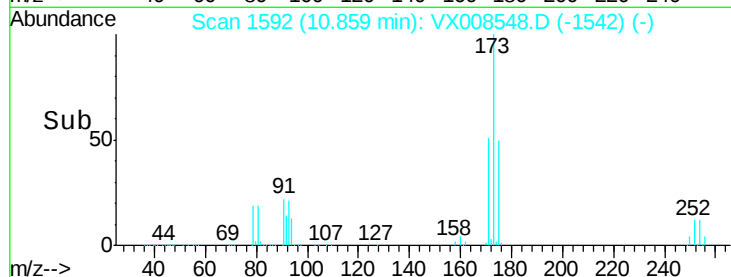
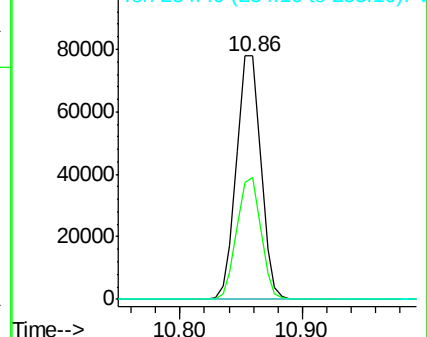
173 100

175 49.4 24.3 72.8

254 0.2 0.2 0.2



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: VX008548.D

Acq: 29 Mar 2019 16:59

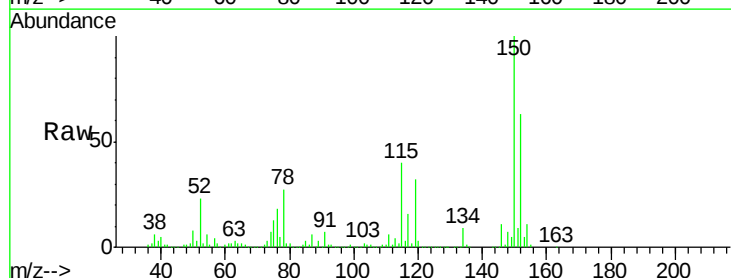
Tgt Ion:152 Resp: 147411

Ion Ratio Lower Upper

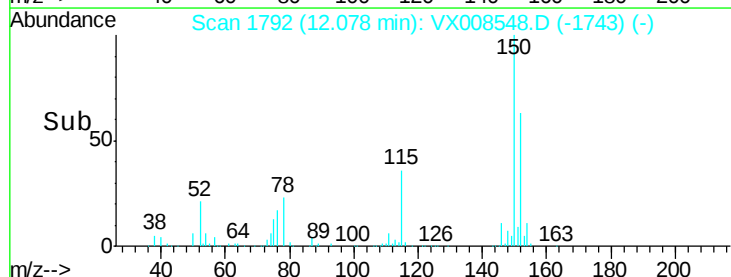
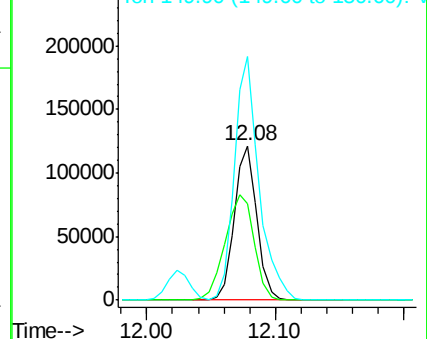
152 100

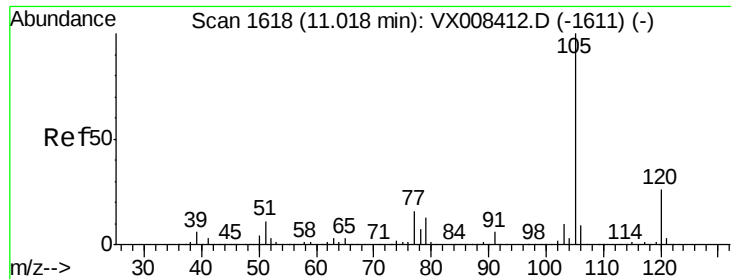
115 89.1 43.5 130.5

150 173.3 0.0 348.8



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





#73

Isopropylbenzene

Concen: 54.033 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008548.D

Acq: 29 Mar 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

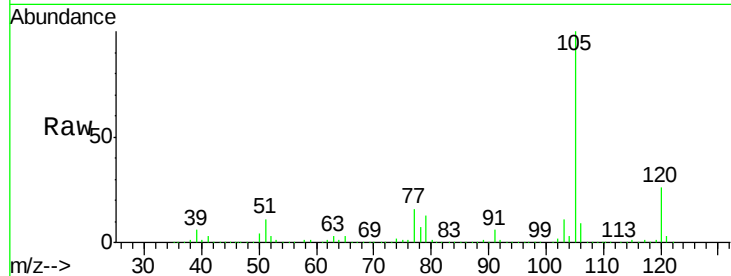
VSTDCCC050EC

Tgt Ion: 105 Resp: 648001

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

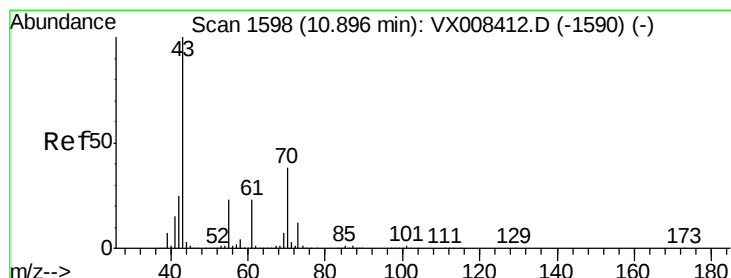
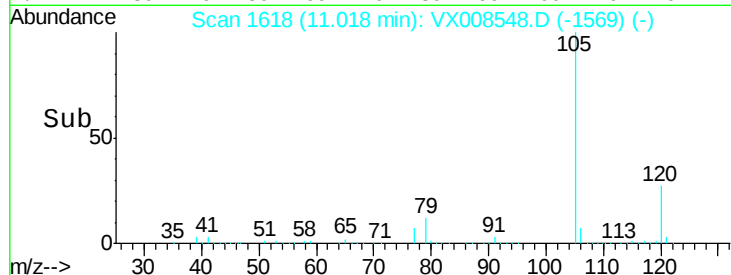
0

11.02

11.00

10.90

Time-->



#74

N-ethyl acetate

Concen: 56.851 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008548.D

Acq: 29 Mar 2019 16:59

Tgt Ion: 43 Resp: 394631

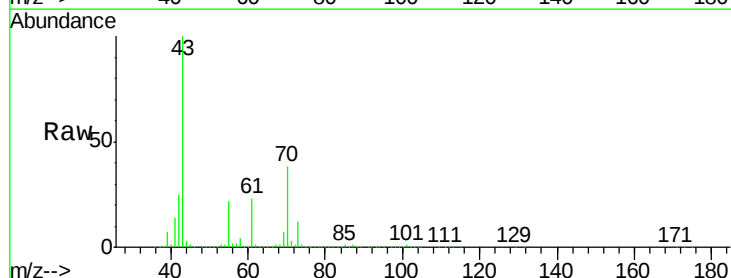
Ion Ratio Lower Upper

43 100

70 38.0 30.5 45.7

55 22.2 18.2 27.2

61 22.9 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

500000

400000

300000

200000

100000

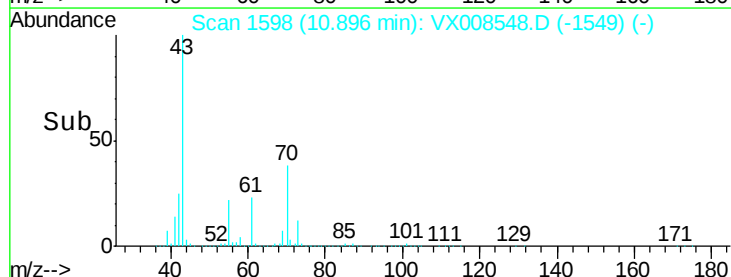
0

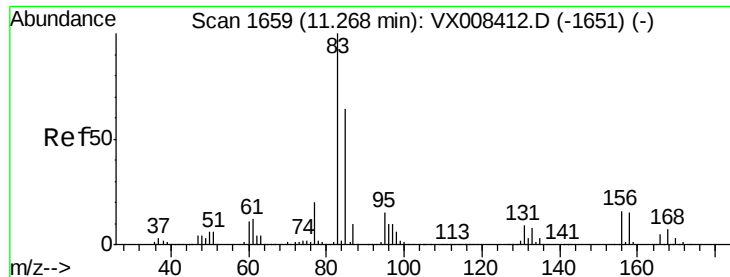
10.90

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 52.269 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008548.D

Acq: 29 Mar 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

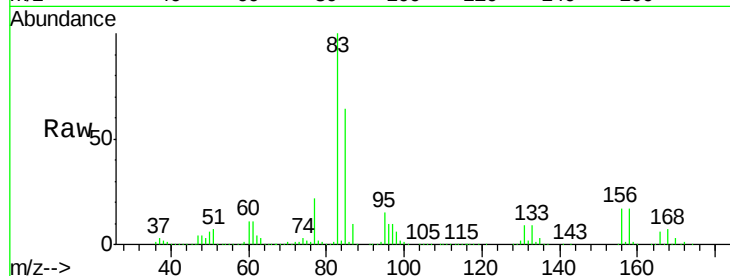
Tgt Ion: 83 Resp: 243213

Ion Ratio Lower Upper

83 100

131 9.1 4.5 13.4

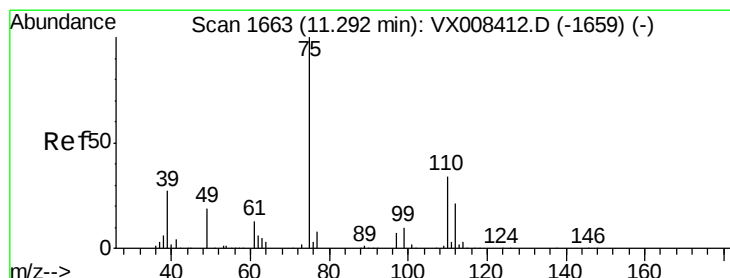
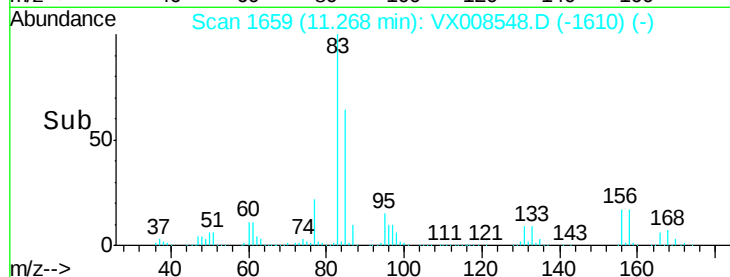
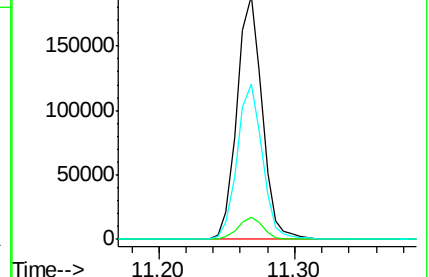
85 64.0 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.541 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX008548.D

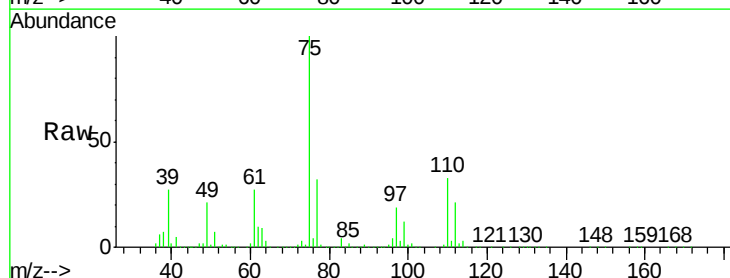
Acq: 29 Mar 2019 16:59

Tgt Ion: 75 Resp: 287228

Ion Ratio Lower Upper

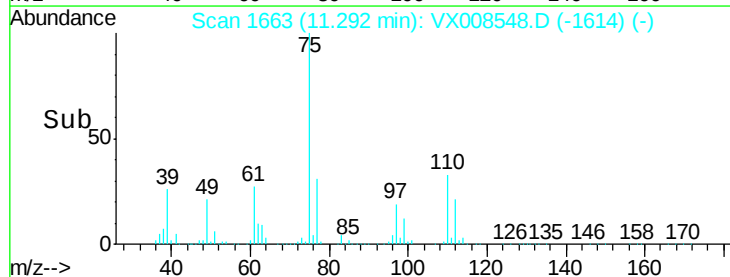
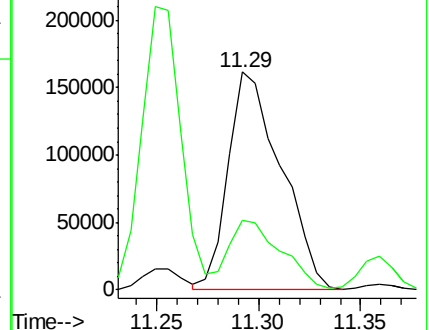
75 100

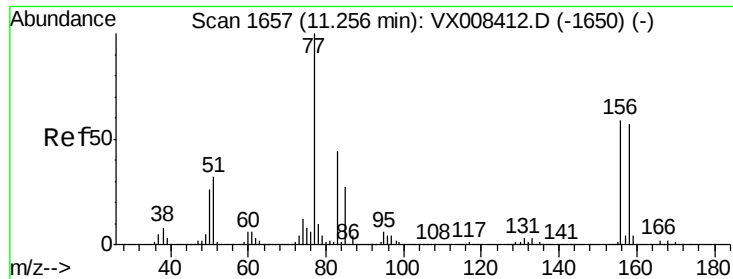
77 32.6 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.970 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008548.D

Acq: 29 Mar 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

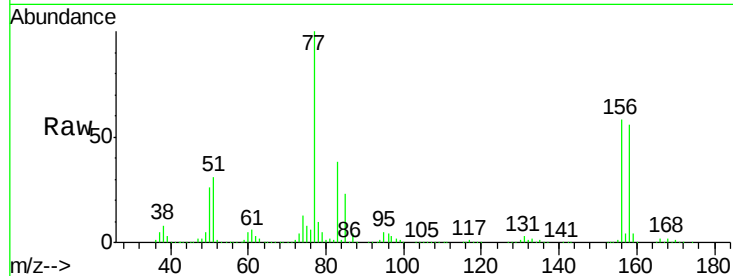
Tgt Ion:156 Resp: 154176

Ion Ratio Lower Upper

156 100

77 181.8 91.1 273.3

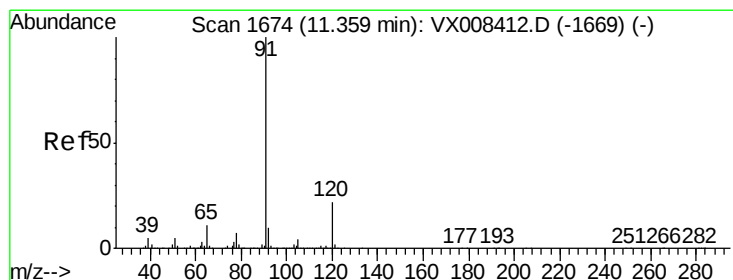
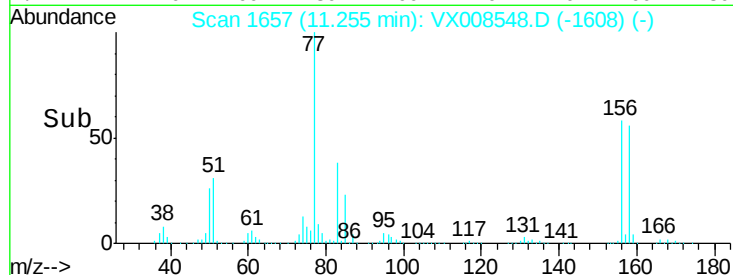
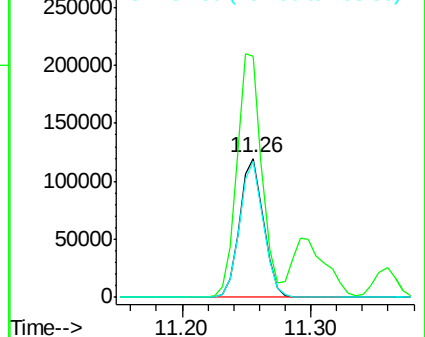
158 97.4 48.3 144.8



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: 54.630 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008548.D

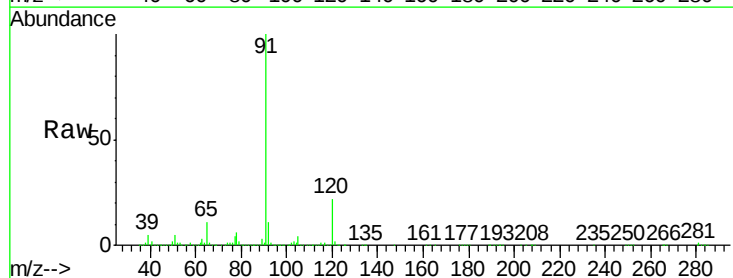
Acq: 29 Mar 2019 16:59

Tgt Ion: 91 Resp: 767467

Ion Ratio Lower Upper

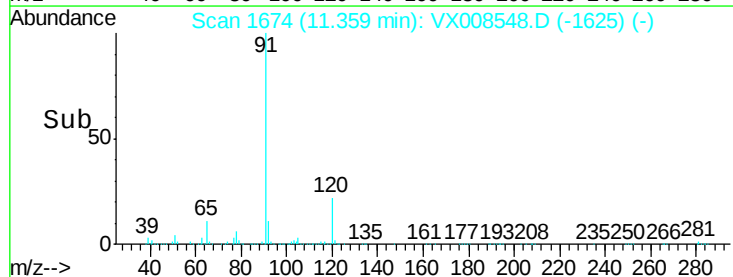
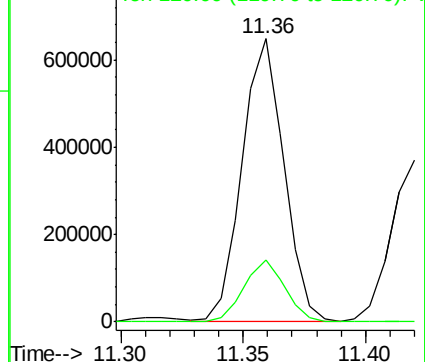
91 100

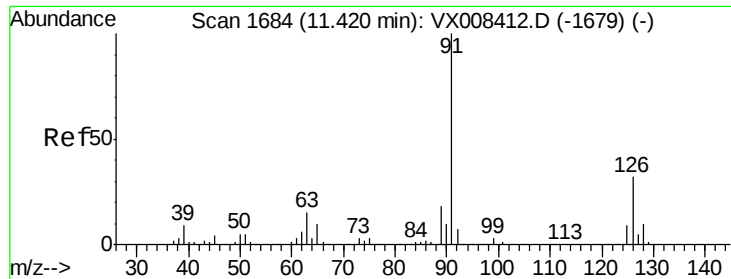
120 21.7 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

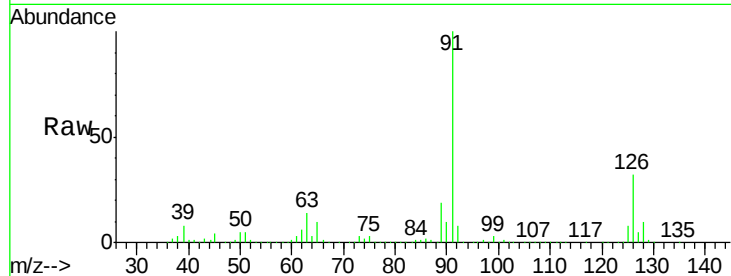




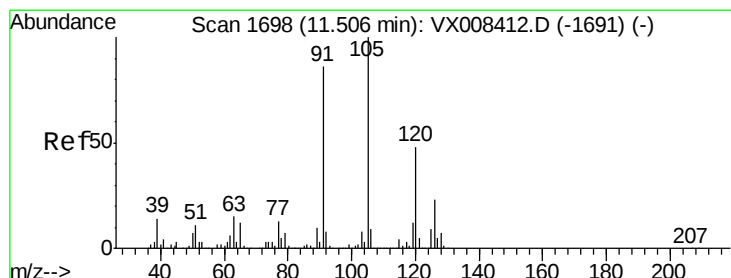
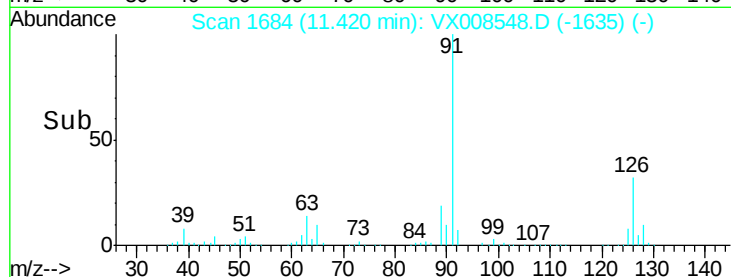
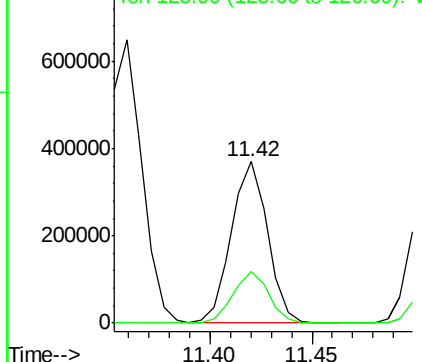
#79
 2-Chlorotoluene
 Concen: 52.989 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008548.D
 Acq: 29 Mar 2019 16:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 91 Resp: 452782
 Ion Ratio Lower Upper
 91 100
 126 31.8 15.7 47.1

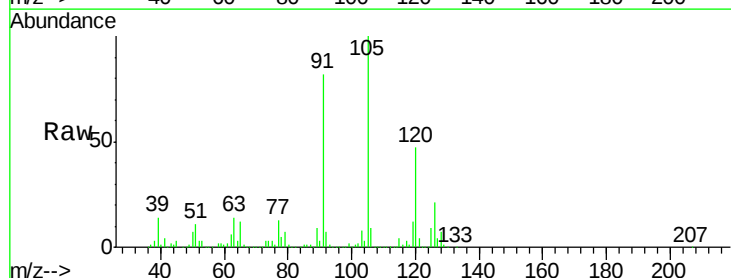


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

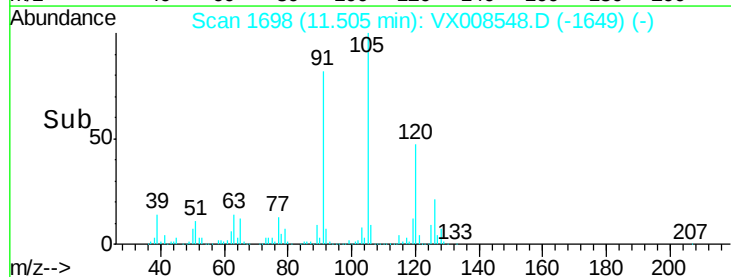
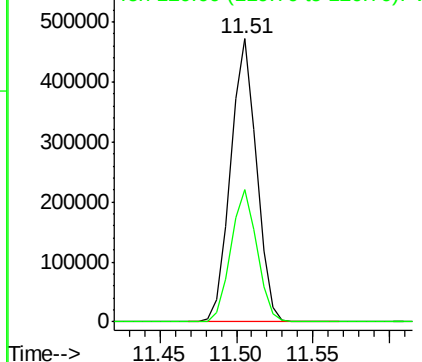


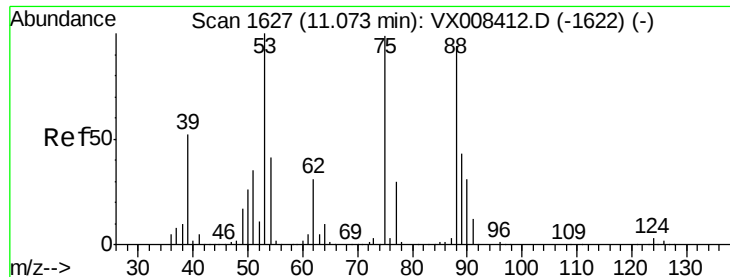
#80
 1,3,5-Trimethylbenzene
 Concen: 54.565 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008548.D
 Acq: 29 Mar 2019 16:59

Tgt Ion: 105 Resp: 553229
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 62.460 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008548.D

Acq: 29 Mar 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

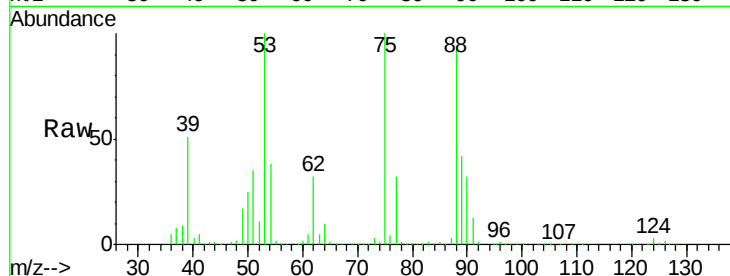
Tgt Ion: 75 Resp: 85463

Ion Ratio Lower Upper

75 100

53 101.0 82.1 123.1

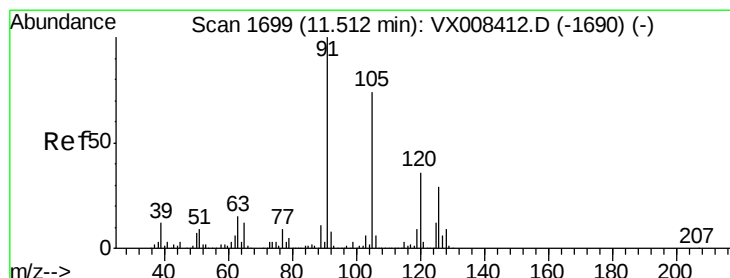
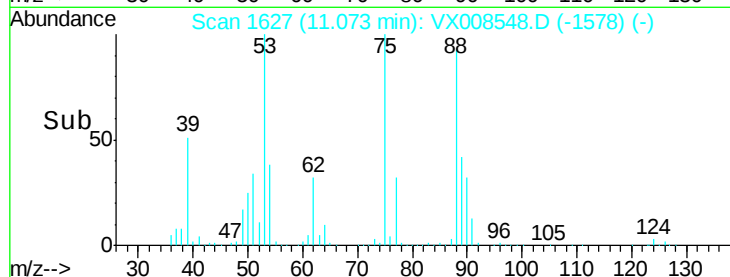
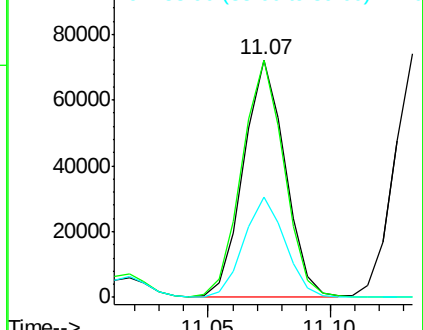
89 42.3 34.6 52.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 53.036 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008548.D

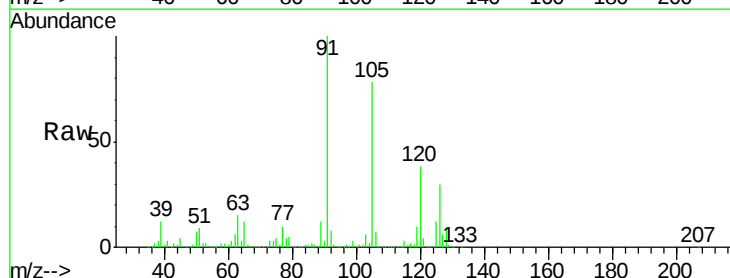
Acq: 29 Mar 2019 16:59

Tgt Ion: 91 Resp: 522747

Ion Ratio Lower Upper

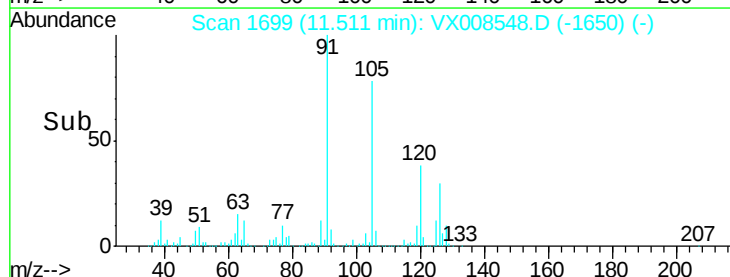
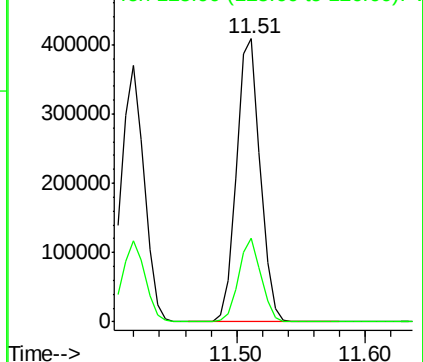
91 100

126 28.0 13.9 41.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

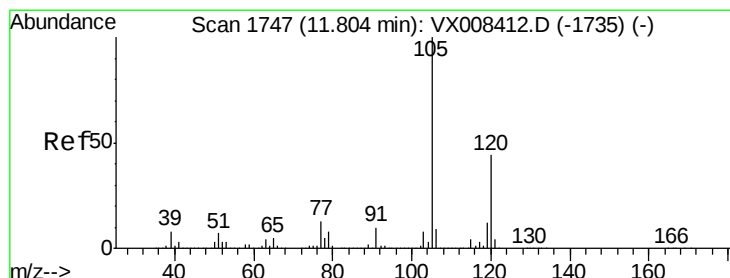
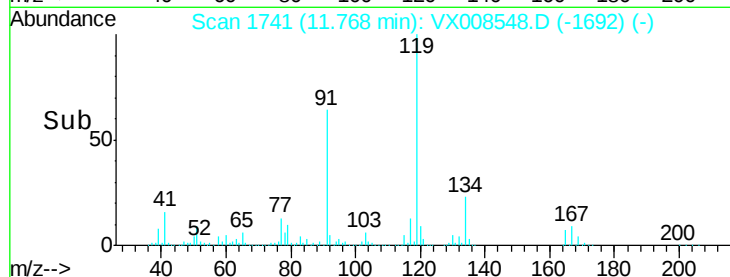
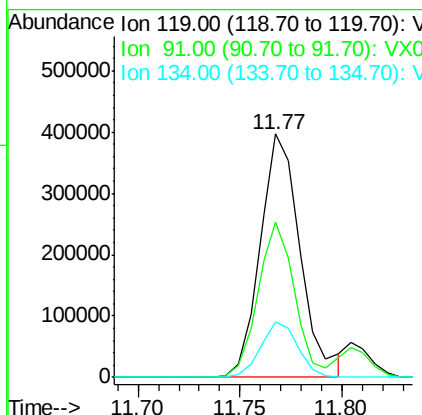
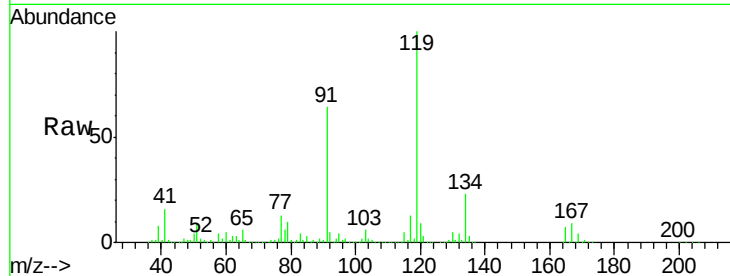




#83
 tert-Butylbenzene
 Concen: 55.340 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008548.D
 Acq: 29 Mar 2019 16:59

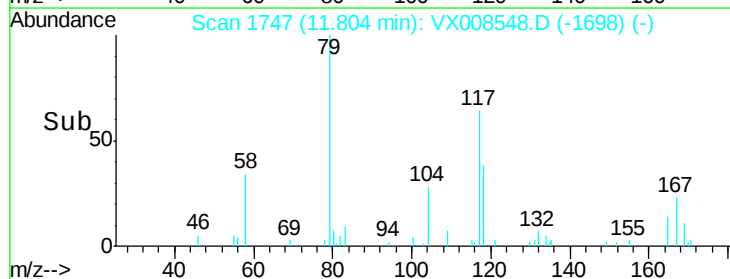
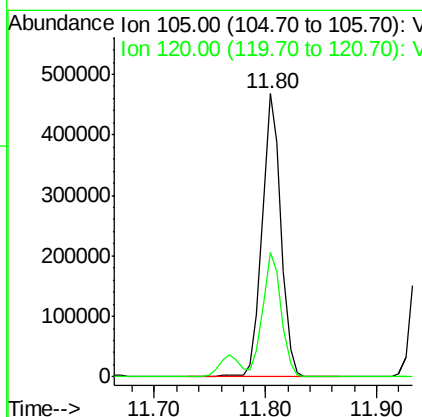
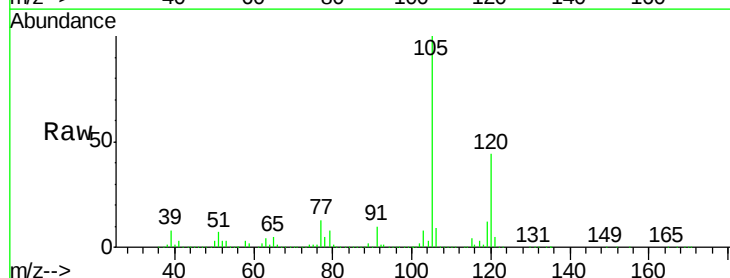
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

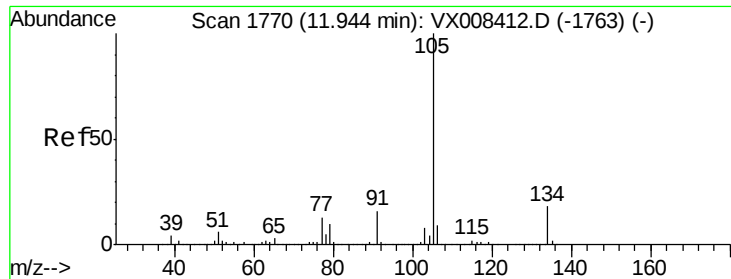
Tgt Ion:119 Resp: 541330
 Ion Ratio Lower Upper
 119 100
 91 58.3 30.1 90.3
 134 21.5 10.9 32.9



#84
 1,2,4-Trimethylbenzene
 Concen: 54.122 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008548.D
 Acq: 29 Mar 2019 16:59

Tgt Ion:105 Resp: 555014
 Ion Ratio Lower Upper
 105 100
 120 43.3 21.6 65.0





#85

sec-Butylbenzene

Concen: 54.222 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008548.D

Acq: 29 Mar 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

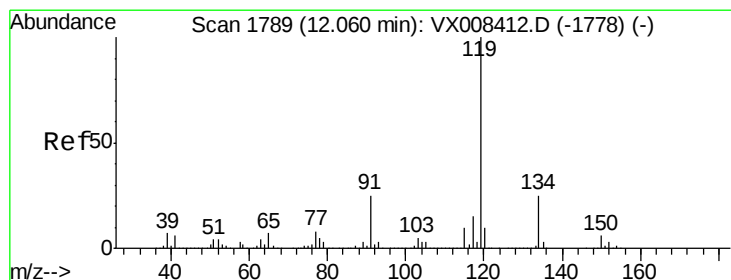
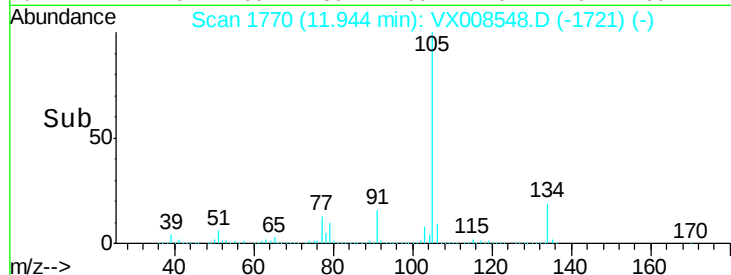
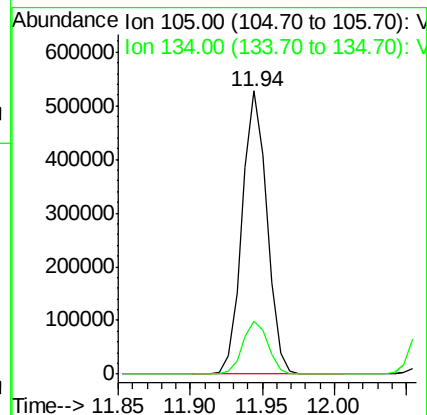
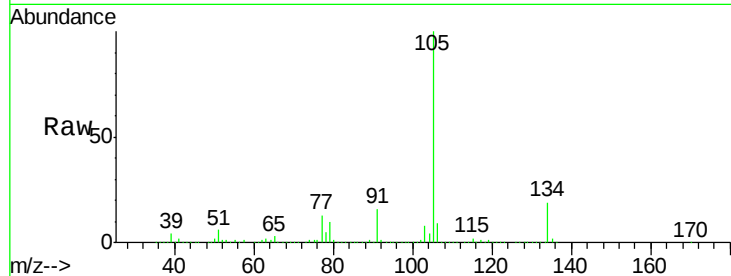
VSTDCCC050EC

Tgt Ion:105 Resp: 631633

Ion Ratio Lower Upper

105 100

134 19.1 9.3 28.0



#86

p-Isopropyltoluene

Concen: 55.884 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008548.D

Acq: 29 Mar 2019 16:59

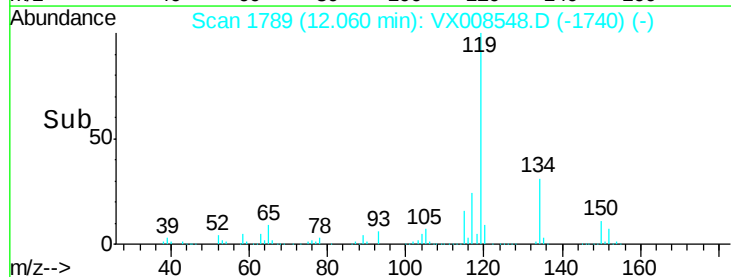
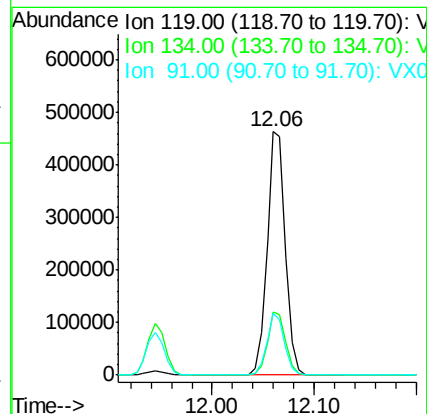
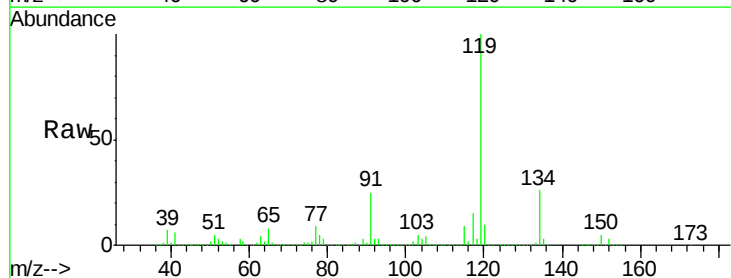
Tgt Ion:119 Resp: 574428

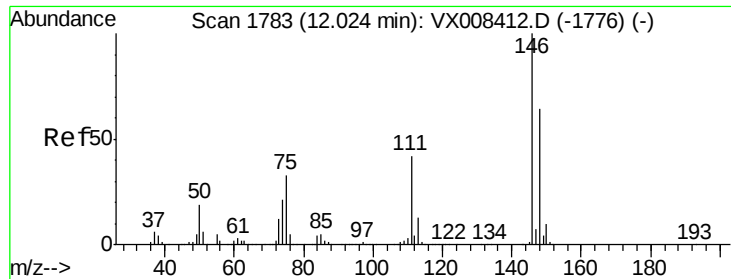
Ion Ratio Lower Upper

119 100

134 25.8 12.8 38.4

91 24.5 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 52.692 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX008548.D

Acq: 29 Mar 2019 16:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

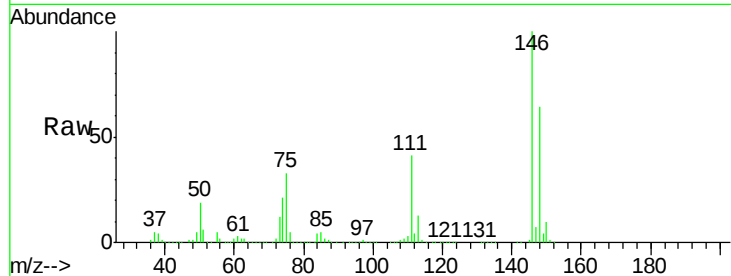
Tgt Ion:146 Resp: 274021

Ion Ratio Lower Upper

146 100

111 41.3 20.8 62.5

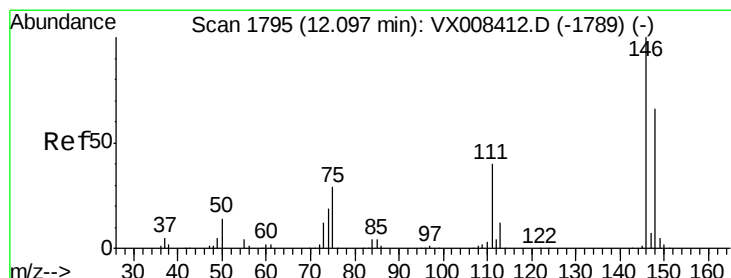
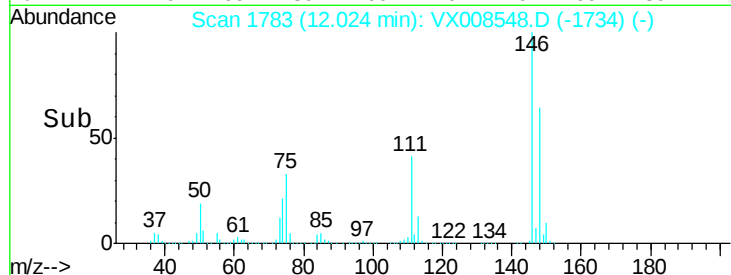
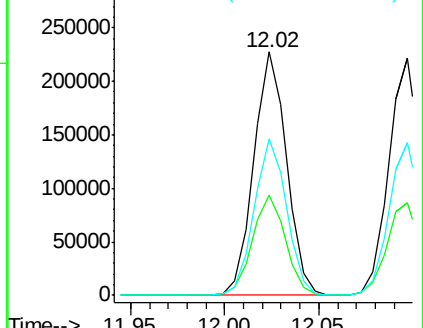
148 63.7 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 51.904 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX008548.D

Acq: 29 Mar 2019 16:59

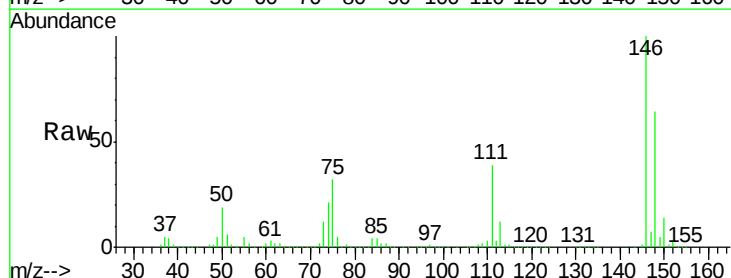
Tgt Ion:146 Resp: 272412

Ion Ratio Lower Upper

146 100

111 40.5 20.3 61.0

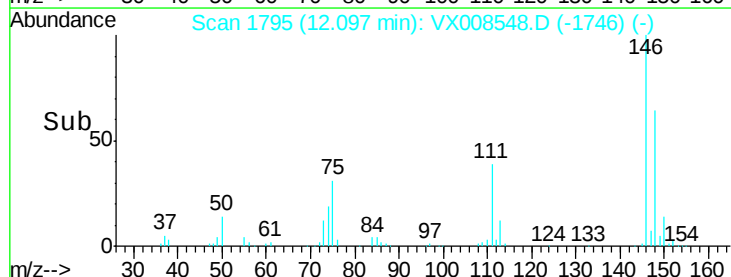
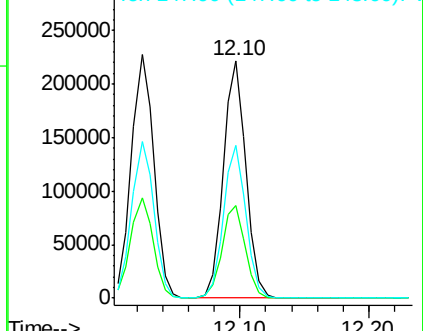
148 64.3 32.1 96.5

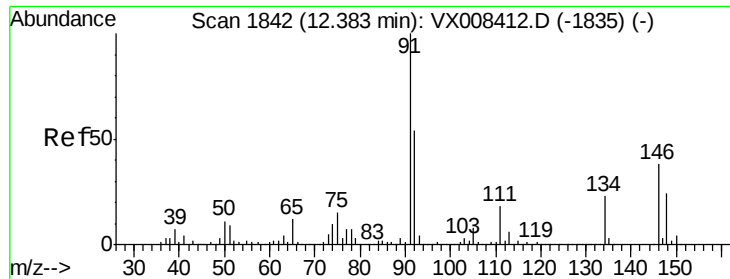


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

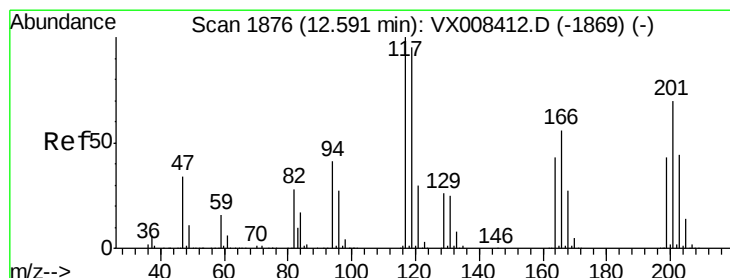
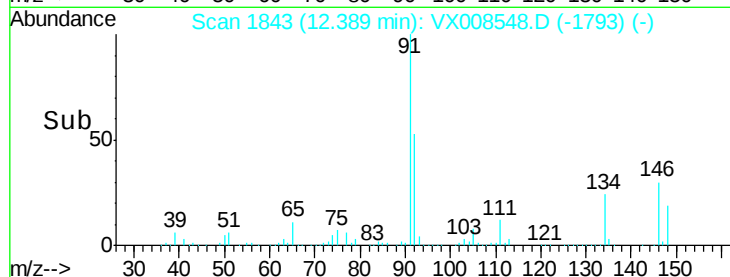
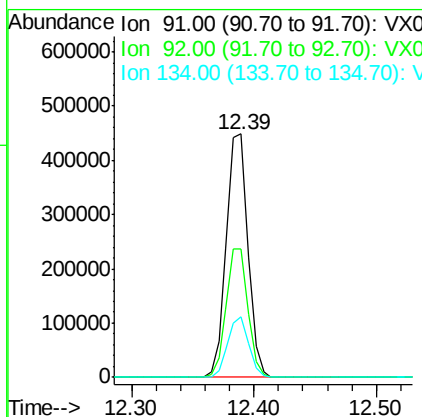
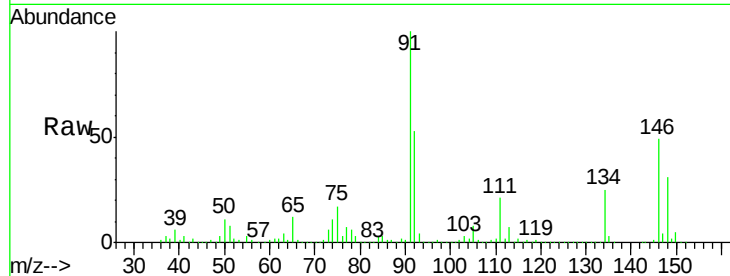




#89
n-Butylbenzene
Concen: 56.240 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX008548.D
Acq: 29 Mar 2019 16:59

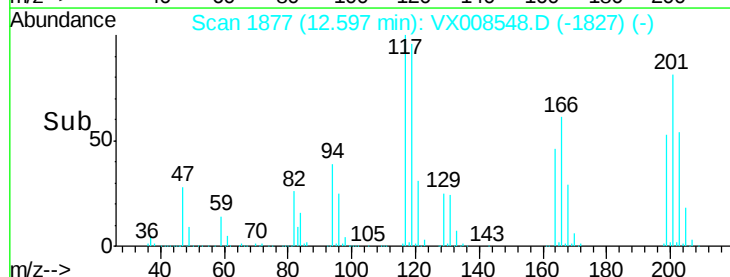
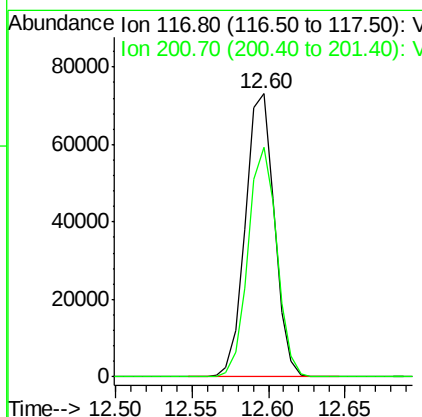
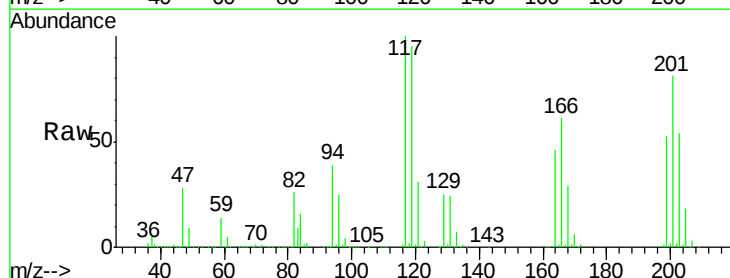
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

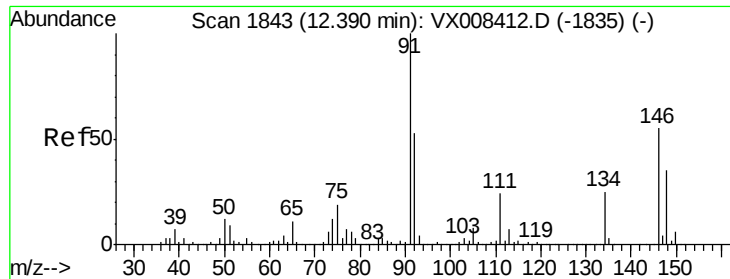
Tgt Ion: 91 Resp: 547619
Ion Ratio Lower Upper
91 100
92 53.2 26.5 79.5
134 24.2 11.8 35.4



#90
Hexachloroethane
Concen: 56.269 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX008548.D
Acq: 29 Mar 2019 16:59

Tgt Ion: 117 Resp: 96356
Ion Ratio Lower Upper
117 100
201 80.4 39.4 118.1

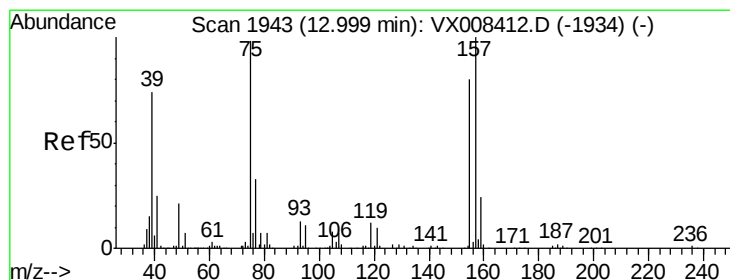
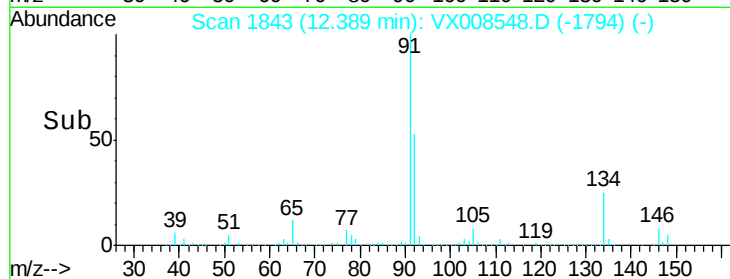
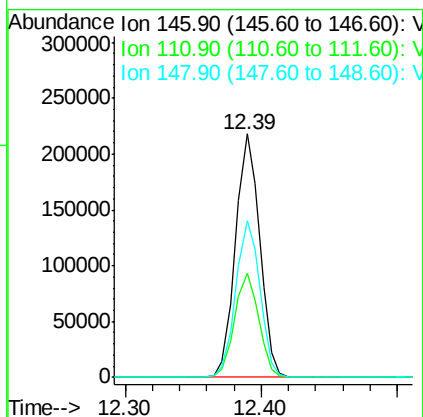
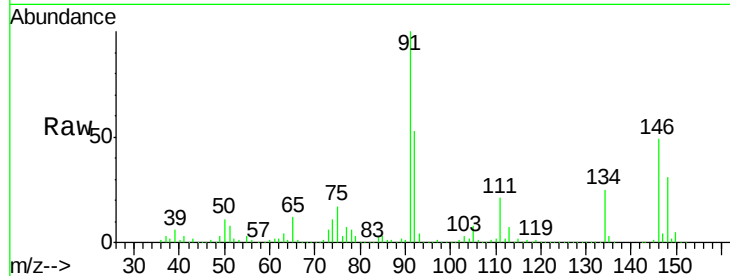




#91
 1,2-Dichlorobenzene
 Concen: 51.939 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008548.D
 Acq: 29 Mar 2019 16:59

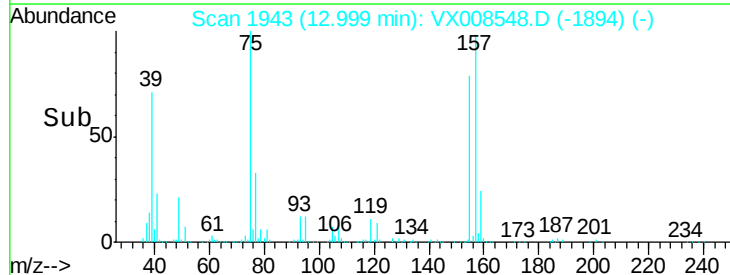
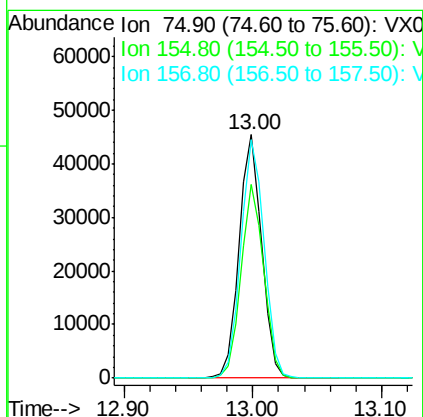
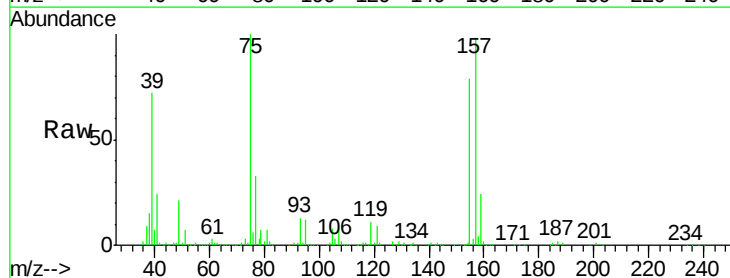
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

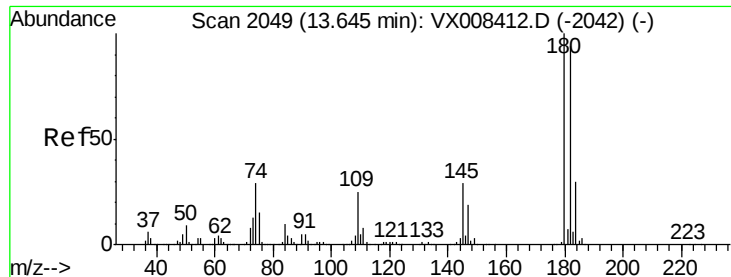
Tgt Ion: 146 Resp: 270486
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.6 64.6
 148 64.3 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.438 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008548.D
 Acq: 29 Mar 2019 16:59

Tgt Ion: 75 Resp: 55232
 Ion Ratio Lower Upper
 75 100
 155 79.7 39.5 118.5
 157 100.4 49.9 149.7

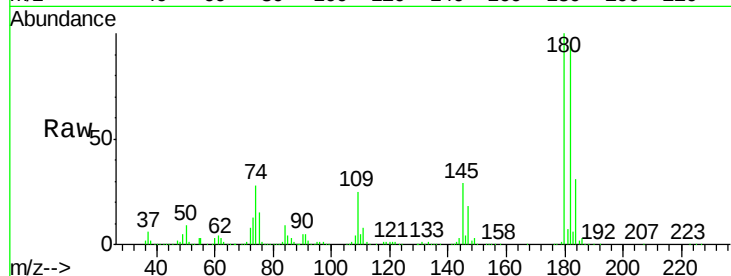




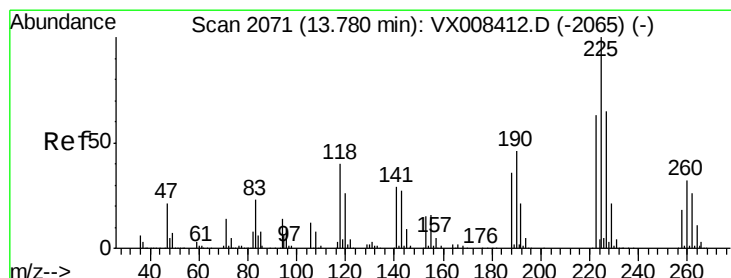
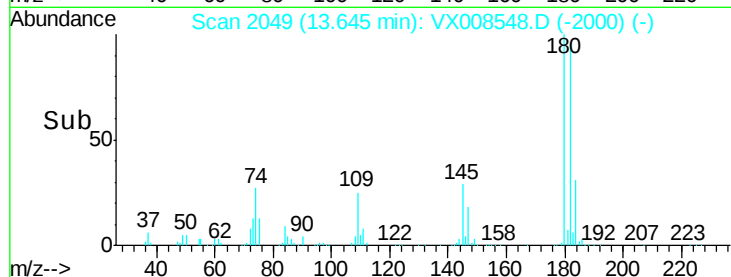
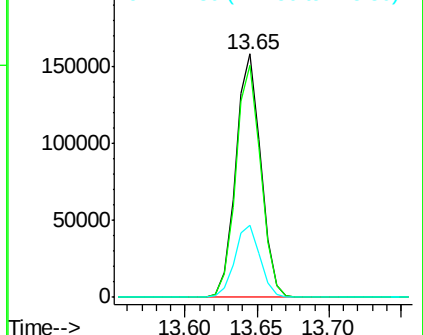
#93
 1,2,4-Trichlorobenzene
 Concen: 54.505 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008548.D
 Acq: 29 Mar 2019 16:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 191105
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.3 142.0
 145 30.0 15.3 45.8

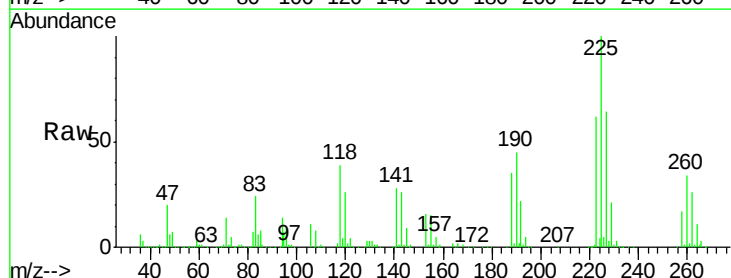


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

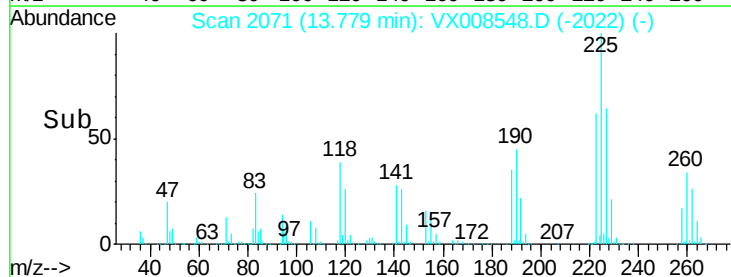
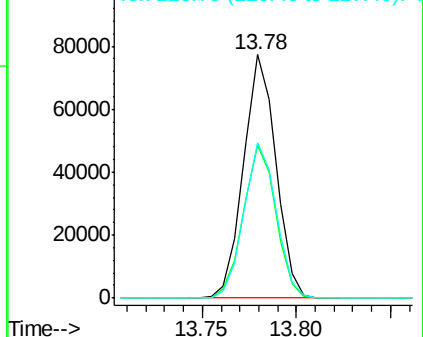


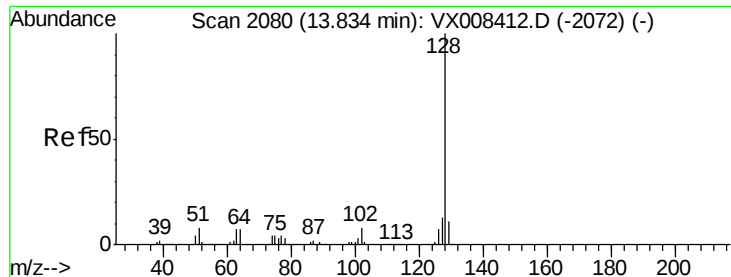
#94
 Hexachlorobutadiene
 Concen: 55.386 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008548.D
 Acq: 29 Mar 2019 16:59

Tgt Ion:225 Resp: 92210
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.4 94.0
 227 63.8 31.9 95.9



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

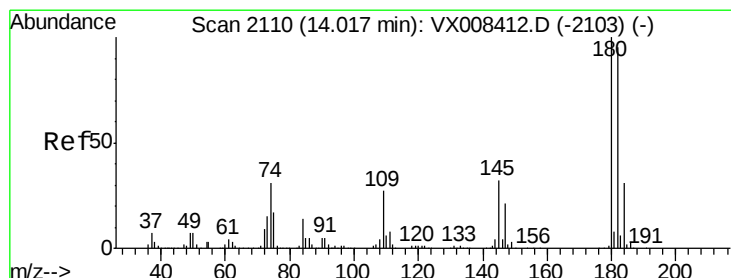
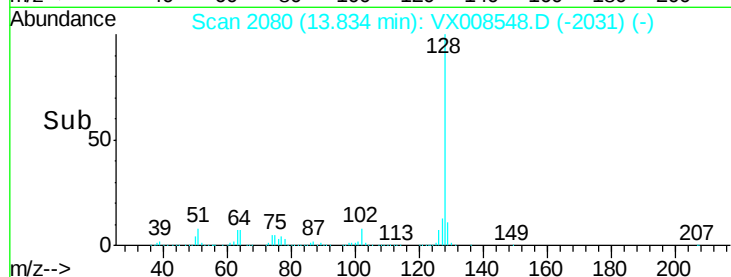
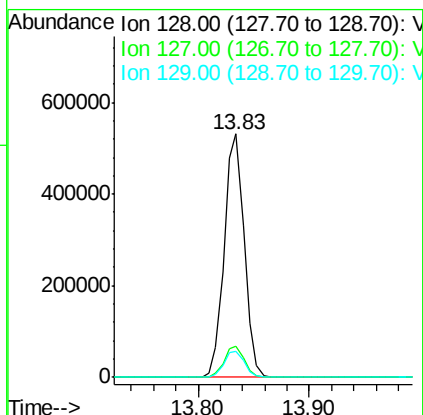
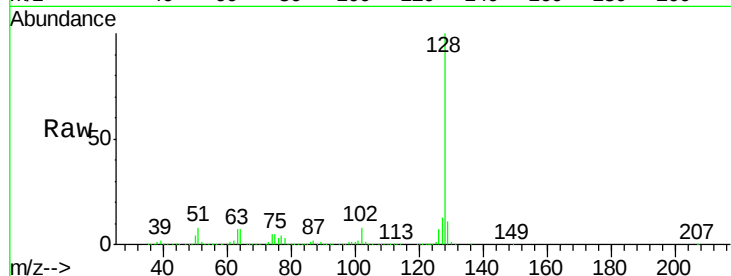




#95
Naphthalene
Concen: 54.714 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008548.D
Acq: 29 Mar 2019 16:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 657705
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.760 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008548.D
Acq: 29 Mar 2019 16:59

Tgt Ion:180 Resp: 189408
Ion Ratio Lower Upper
180 100
182 95.7 47.3 142.0
145 32.4 16.2 48.5

