

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032519\
 Data File : VX008419.D
 Acq On : 25 Mar 2019 18:40
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 26 06:00:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 04:58:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	226529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	375047	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	341305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	174678	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	173386	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
35) Dibromofluoromethane	5.49	113	130014	53.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.34%	
50) Toluene-d8	8.71	98	520560	53.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.48%	
62) 4-Bromofluorobenzene	11.13	95	202465	55.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.76%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	139796	52.355	ug/l	100
3) Chloromethane	1.32	50	187222	55.634	ug/l	99
4) Vinyl Chloride	1.40	62	191544	51.377	ug/l	99
5) Bromomethane	1.64	94	99734	50.934	ug/l	97
6) Chloroethane	1.71	64	120330	54.482	ug/l	99
7) Trichlorofluoromethane	1.92	101	221989	52.574	ug/l	98
8) Diethyl Ether	2.18	74	103005	51.547	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	139822	54.793	ug/l	100
10) Methyl Iodide	2.51	142	133378	53.411	ug/l	100
11) Tert butyl alcohol	3.06	59	202584	266.249	ug/l	99
12) 1,1-Dichloroethene	2.37	96	136995	51.982	ug/l	97
13) Acrolein	2.29	56	179720	325.258	ug/l	99
14) Allyl chloride	2.72	41	305186	52.563	ug/l	100
15) Acrylonitrile	3.14	53	503603	252.412	ug/l	100
16) Acetone	2.44	43	465354	259.262	ug/l	100
17) Carbon Disulfide	2.56	76	415700	47.550	ug/l	100
18) Methyl Acetate	2.77	43	216161	50.143	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	504447	53.117	ug/l	97
20) Methylene Chloride	2.85	84	162675	55.603	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	146673	55.885	ug/l	97
22) Diisopropyl ether	3.85	45	604084	52.839	ug/l	94
23) Vinyl Acetate	3.81	43	2687714	269.468	ug/l	99
24) 1,1-Dichloroethane	3.69	63	303961	52.664	ug/l	99
25) 2-Butanone	4.67	43	745930	259.221	ug/l	99
26) 2,2-Dichloropropane	4.58	77	214796	55.953	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	171466	53.207	ug/l	98
28) Bromochloromethane	5.01	49	141779	49.721	ug/l	100
29) Tetrahydrofuran	5.12	42	476579	251.289	ug/l	99
30) Chloroform	5.21	83	274449	52.690	ug/l	99
31) Cyclohexane	5.57	56	296319	53.830	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	225949	54.269	ug/l	99
36) 1,1-Dichloropropene	5.79	75	218190	54.563	ug/l	99
37) Ethyl Acetate	4.83	43	279955	54.041	ug/l	99
38) Carbon Tetrachloride	5.78	117	188892	56.603	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032519\
 Data File : VX008419.D
 Acq On : 25 Mar 2019 18:40
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 26 06:00:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 04:58:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	281215	58.845	ug/l	98
40) Benzene	6.14	78	648783	54.194	ug/l	100
41) Methacrylonitrile	5.04	41	157304	54.033	ug/l	99
42) 1,2-Dichloroethane	6.19	62	232956	53.148	ug/l	100
43) Isopropyl Acetate	6.44	43	457621	55.227	ug/l	100
44) Trichloroethene	7.21	130	151928	54.050	ug/l	99
45) 1,2-Dichloropropane	7.51	63	185780	54.597	ug/l	99
46) Dibromomethane	7.66	93	107502	54.101	ug/l	99
47) Bromodichloromethane	7.90	83	215994	56.791	ug/l	99
48) Methyl methacrylate	7.77	41	230789	55.665	ug/l	99
49) 1,4-Dioxane	7.74	88	89144	1081.356	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1508663	280.322	ug/l	100
52) Toluene	8.78	92	396895	55.447	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	248074	59.549	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	275516	58.161	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	158276	54.319	ug/l	98
56) Ethyl methacrylate	9.18	69	302585	57.529	ug/l	100
57) 1,3-Dichloropropane	9.37	76	282903	54.152	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	697215	256.439	ug/l	100
59) 2-Hexanone	9.49	43	1196275	286.864	ug/l	99
60) Dibromochloromethane	9.58	129	159907	57.705	ug/l	98
61) 1,2-Dibromoethane	9.67	107	163927	55.127	ug/l	99
64) Tetrachloroethene	9.34	164	125807	54.447	ug/l	99
65) Chlorobenzene	10.13	112	411221	55.403	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	143546	56.055	ug/l	100
67) Ethyl Benzene	10.25	91	778970	55.608	ug/l	100
68) m/p-Xylenes	10.36	106	572115	112.266	ug/l	100
69) o-Xylene	10.69	106	275347	55.677	ug/l	99
70) Styrene	10.71	104	494423	57.878	ug/l	99
71) Bromoform	10.85	173	119815	59.246	ug/l	100
73) Isopropylbenzene	11.02	105	747476	52.599	ug/l	99
74) N-amyl acetate	10.90	43	447576	54.414	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	279906	50.765	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	326540	62.880	ug/l	81
77) Bromobenzene	11.26	156	175969	51.020	ug/l	100
78) n-propylbenzene	11.36	91	910519	54.695	ug/l	100
79) 2-Chlorotoluene	11.42	91	526976	52.045	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	646591	53.819	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	95149	58.684	ug/l	99
82) 4-Chlorotoluene	11.51	91	627194	53.700	ug/l	100
83) tert-Butylbenzene	11.77	119	625460	53.959	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	651554	53.618	ug/l	100
85) sec-Butylbenzene	11.94	105	757345	54.866	ug/l	99
86) p-Isopropyltoluene	12.06	119	686472	56.360	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	330937	53.703	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	333829	53.677	ug/l	100
89) n-Butylbenzene	12.38	91	678956	58.844	ug/l	100
90) Hexachloroethane	12.60	117	115313	56.828	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	329768	53.438	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	61337	51.019	ug/l	99

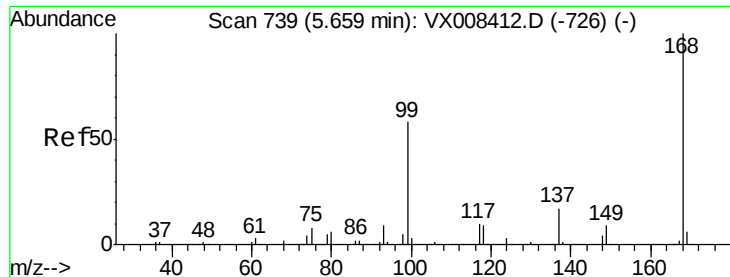
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032519\
Data File : VX008419.D
Acq On : 25 Mar 2019 18:40
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Mar 26 06:00:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 26 04:58:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	232635	55.993	ug/l	100
94) Hexachlorobutadiene	13.78	225	113660	57.613	ug/l	100
95) Naphthalene	13.83	128	757122	53.153	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	227116	54.400	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA_X

ClientSampleId :

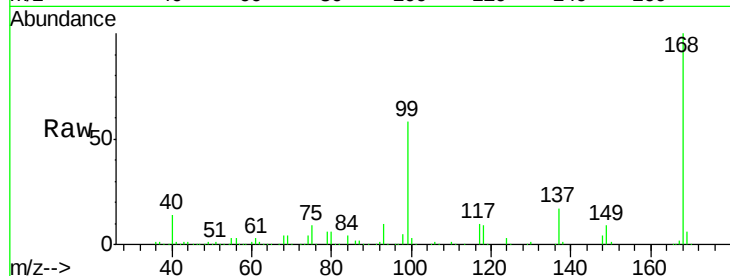
VSTDCCC050

Tot Ion:168 Resp: 226529

Ion Ratio Lower Upper

168 100

99 58.2 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

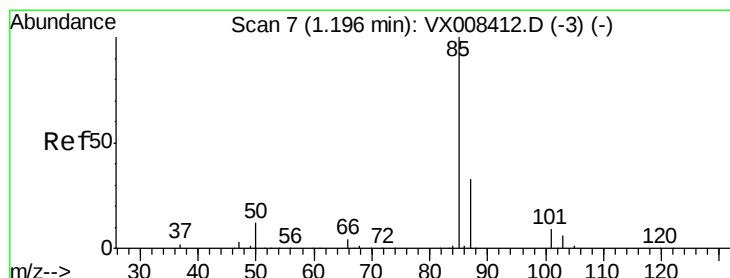
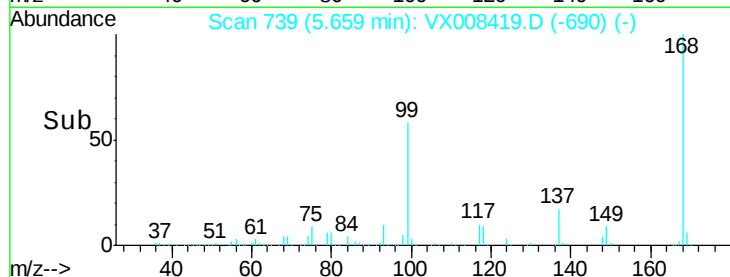
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 52.355 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008419.D

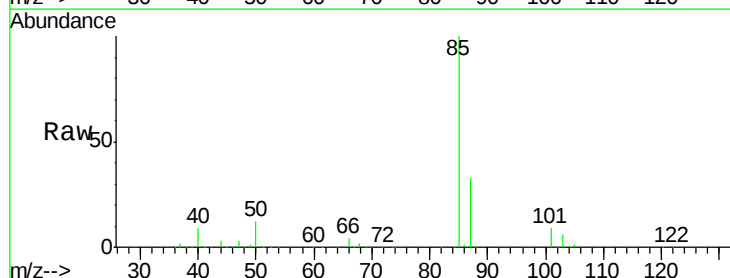
Acq: 25 Mar 2019 18:40

Tgt Ion: 85 Resp: 139796

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

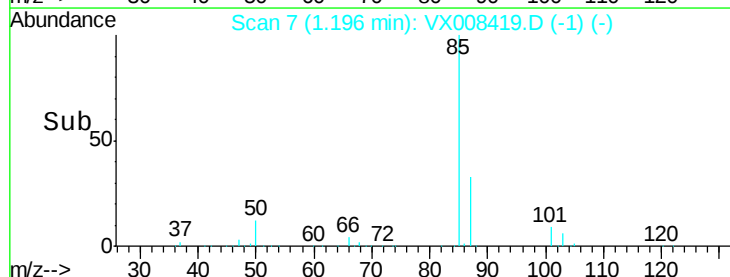
100000

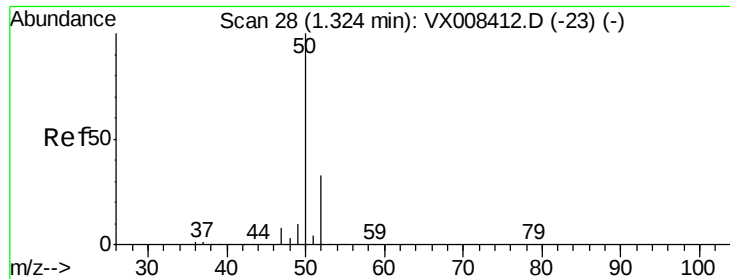
50000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 55.634 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA_X

ClientSampleId :

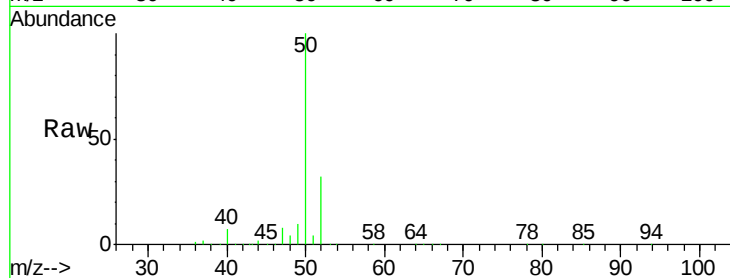
VSTDCCC050

Tot Ion: 50 Resp: 187222

Ion Ratio Lower Upper

50 100

52 32.2 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

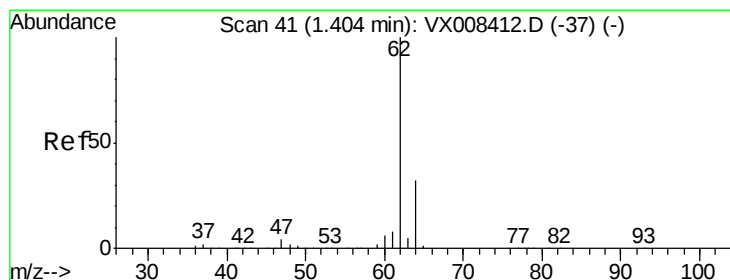
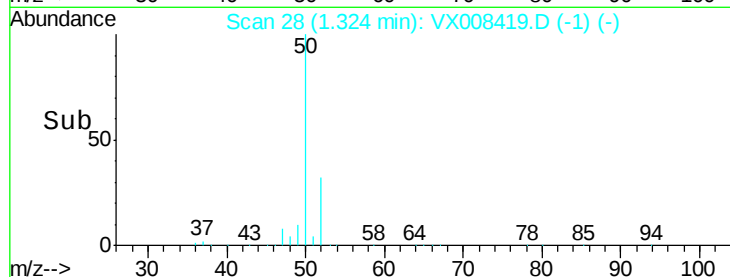
150000

100000

50000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 51.377 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX008419.D

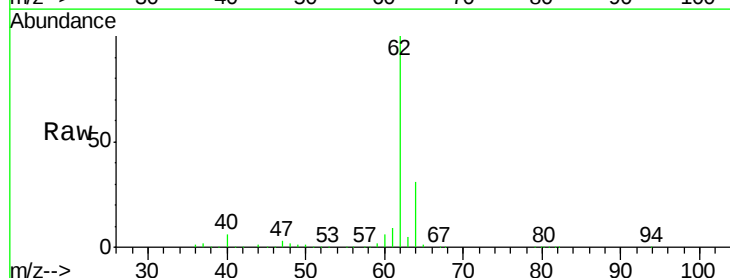
Acq: 25 Mar 2019 18:40

Tgt Ion: 62 Resp: 191544

Ion Ratio Lower Upper

62 100

64 31.4 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

200000

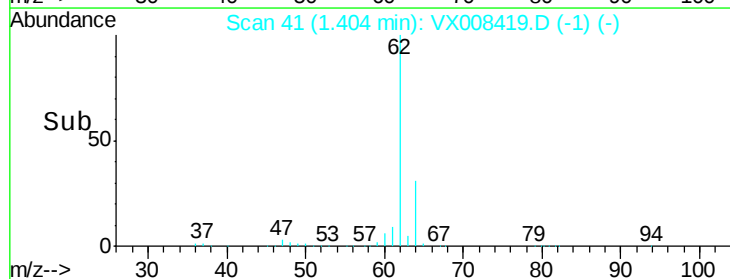
150000

100000

50000

0

Time--> 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 50.934 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA_X

ClientSampleId :

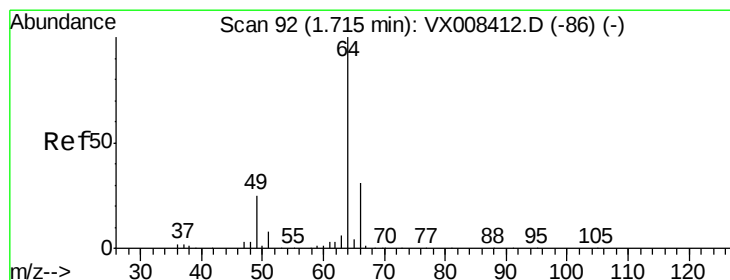
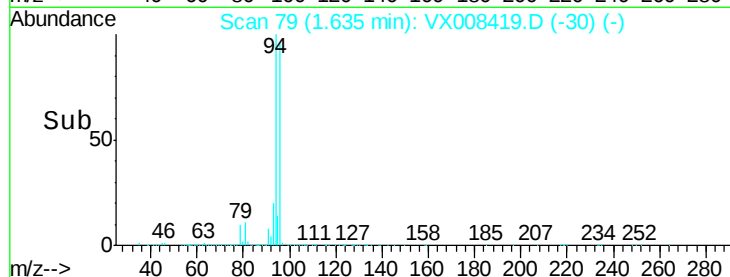
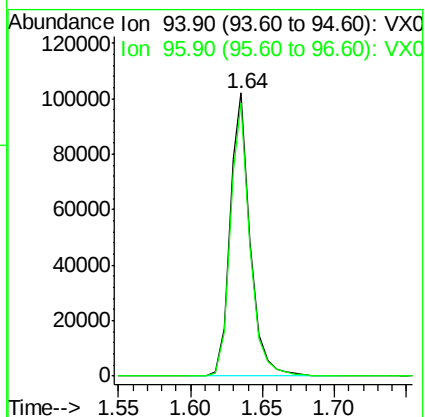
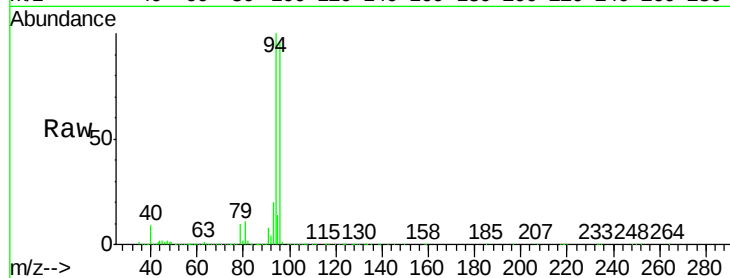
VSTDCCC050

Tot Ion: 94 Resp: 99734

Ion Ratio Lower Upper

94 100

96 96.2 74.8 112.2



#6

Chloroethane

Concen: 54.482 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008419.D

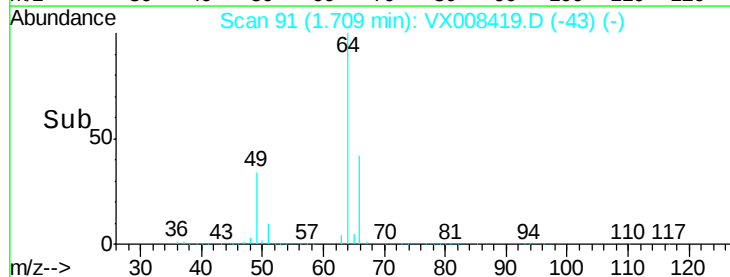
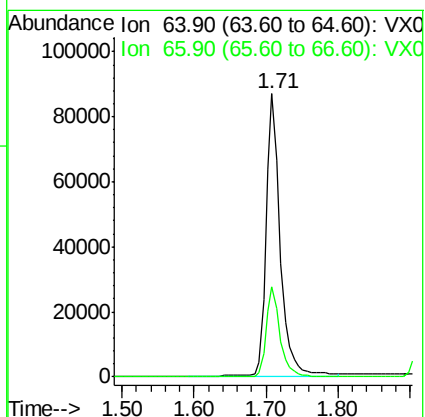
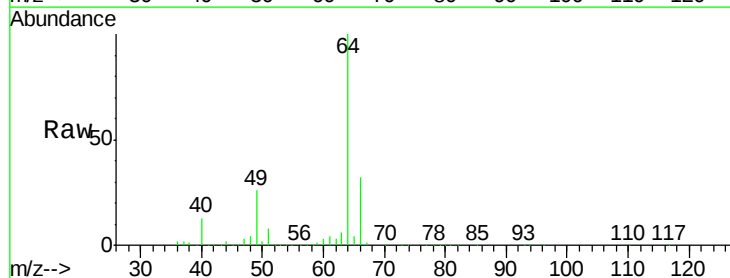
Acq: 25 Mar 2019 18:40

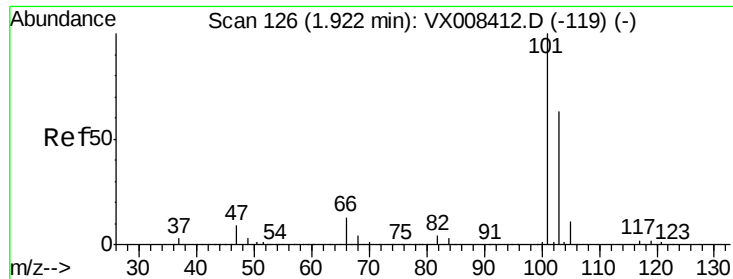
Tgt Ion: 64 Resp: 120330

Ion Ratio Lower Upper

64 100

66 31.7 25.1 37.7



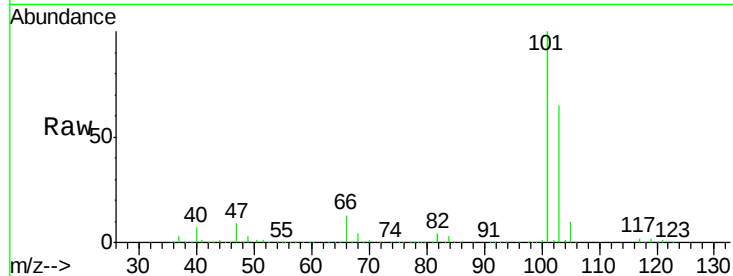


#7

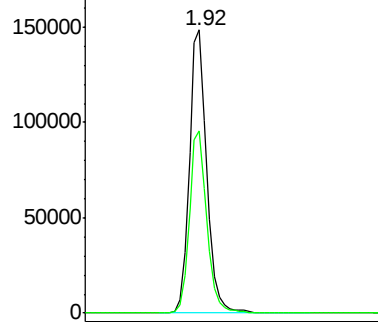
Trichlorofluoromethane
Concen: 52.574 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX008419.D
Acq: 25 Mar 2019 18:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

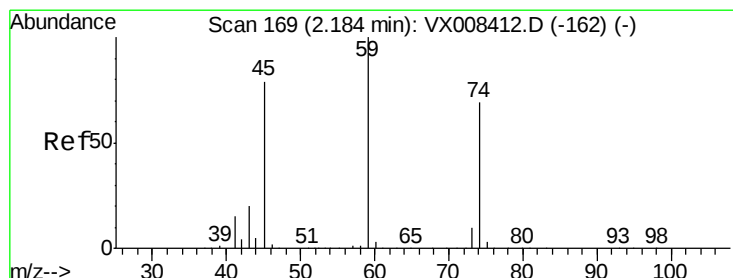
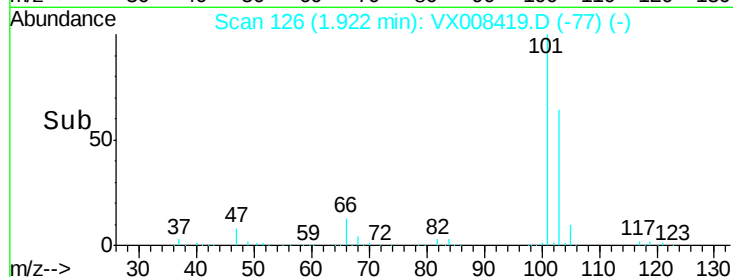
Tot Ion:101 Resp: 221989
Ion Ratio Lower Upper
101 100
103 64.5 50.2 75.4



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



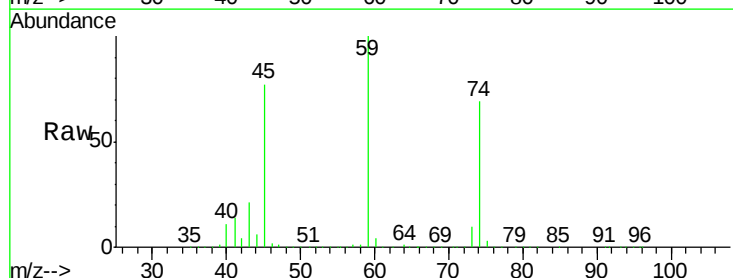
Time-->



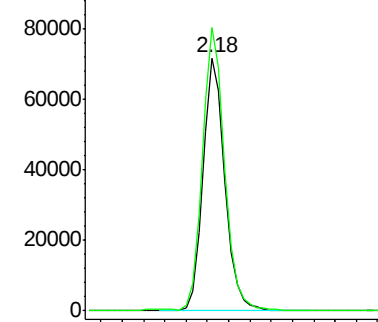
#8

Diethyl Ether
Concen: 51.547 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX008419.D
Acq: 25 Mar 2019 18:40

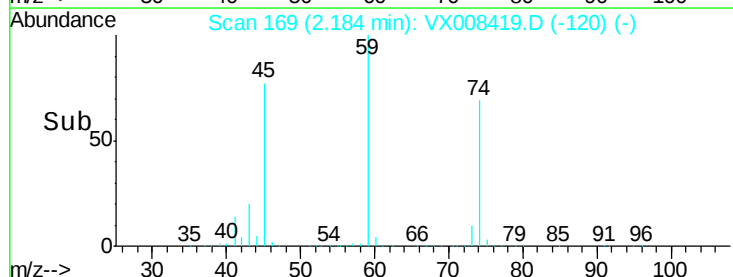
Tgt Ion: 74 Resp: 103005
Ion Ratio Lower Upper
74 100
45 112.9 56.4 169.2

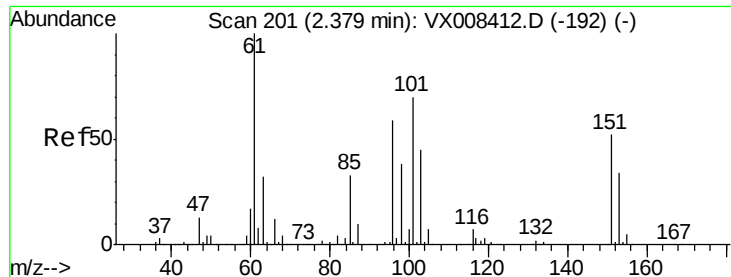


Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0



Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.793 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

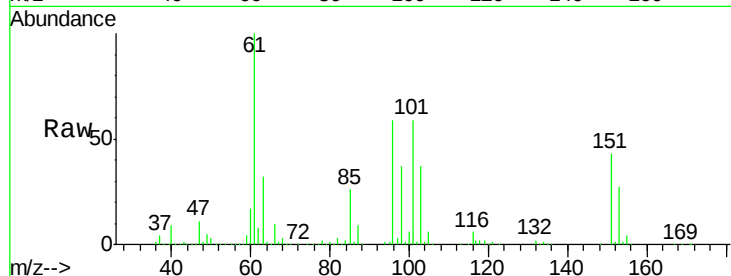
Tot Ion:101 Resp: 139822

Ion Ratio Lower Upper

101 100

85 44.3 36.0 54.0

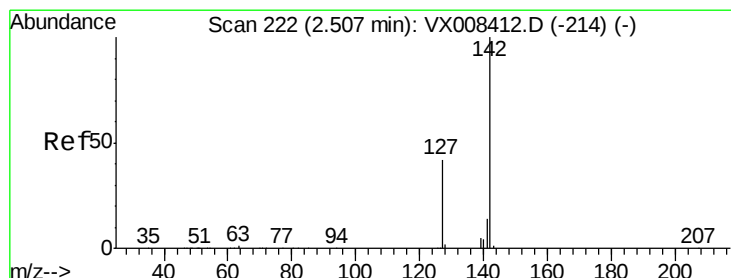
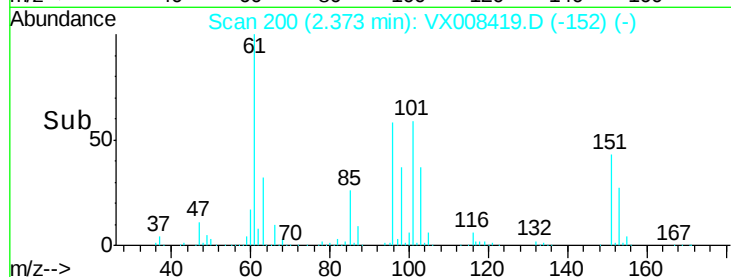
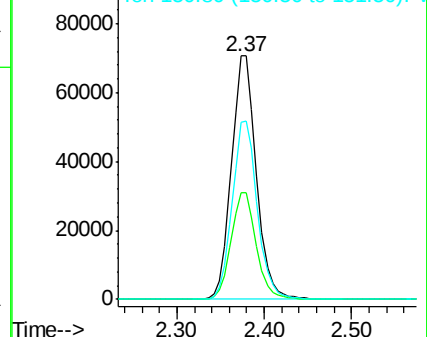
151 74.0 59.2 88.8



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: 53.411 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

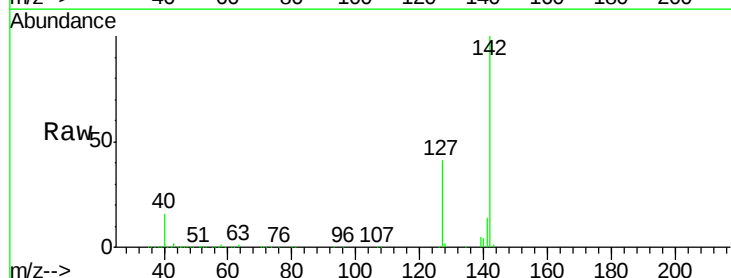
Tgt Ion:142 Resp: 133378

Ion Ratio Lower Upper

142 100

127 42.3 33.6 50.4

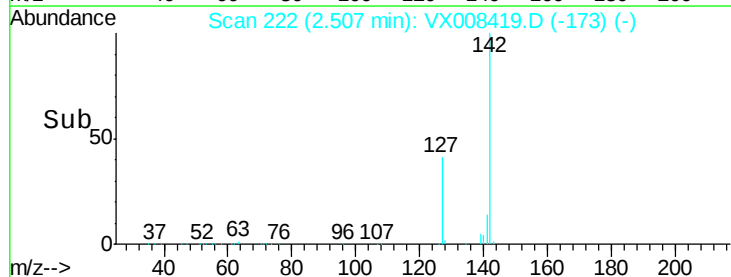
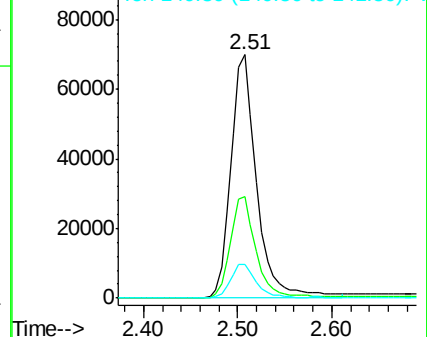
141 14.0 11.3 16.9

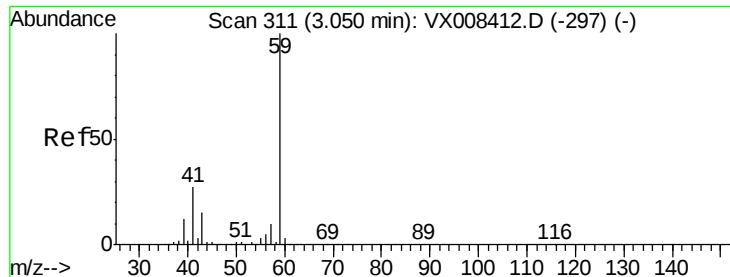


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

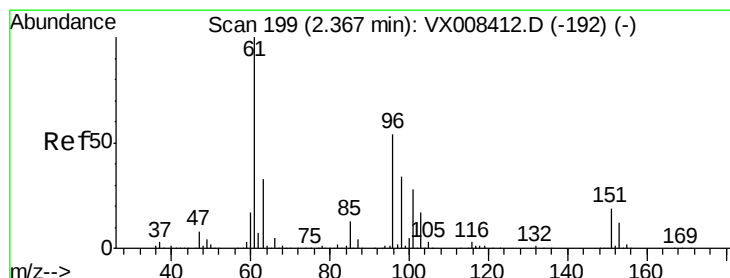
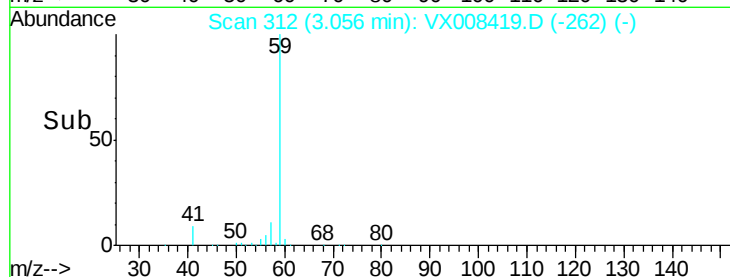
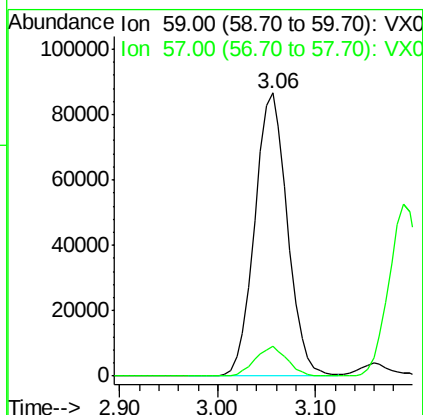
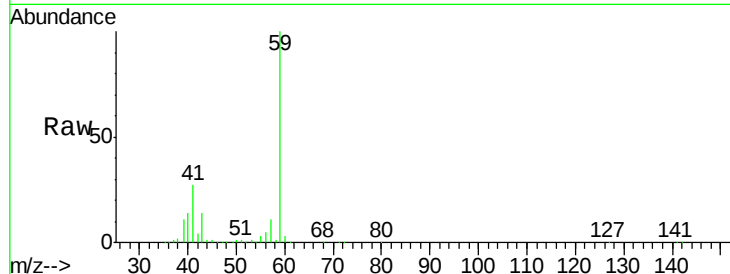




#11
Tert butyl alcohol
Concen: 266.249 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX008419.D
Acq: 25 Mar 2019 18:40

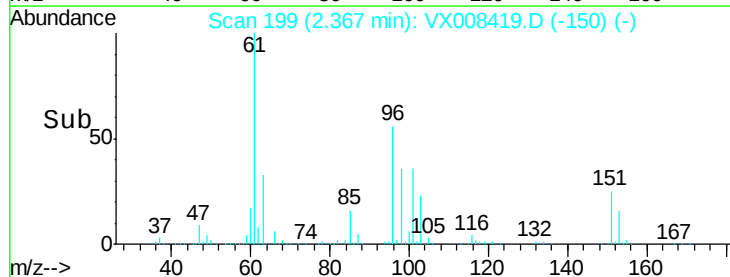
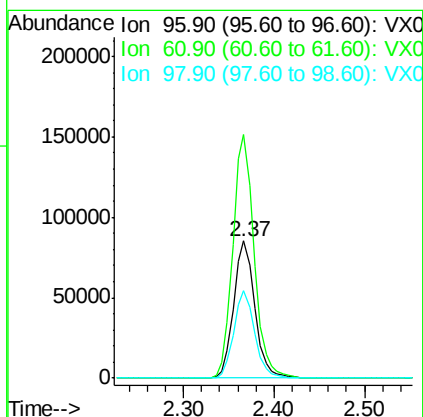
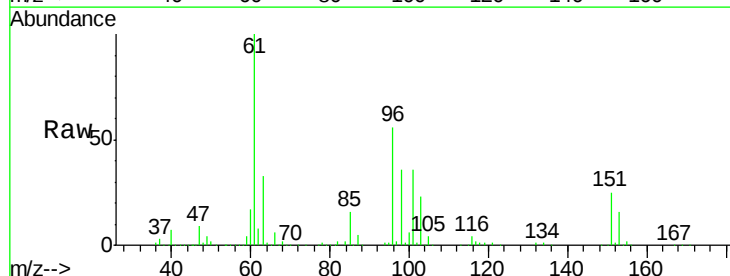
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

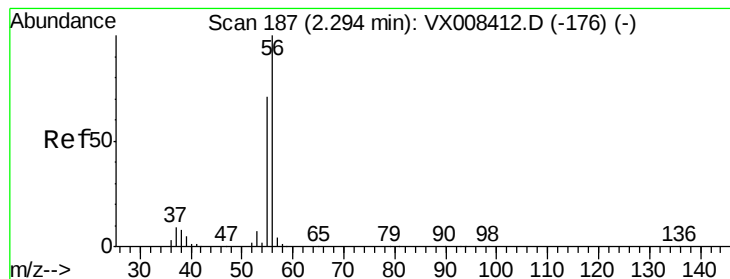
Tot Ion: 59 Resp: 202584
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 51.982 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX008419.D
Acq: 25 Mar 2019 18:40

Tgt Ion: 96 Resp: 136995
Ion Ratio Lower Upper
96 100
61 178.0 146.9 220.3
98 63.7 50.1 75.1





#13

Acrolein

Concen: 325.258 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA_X

ClientSampleId :

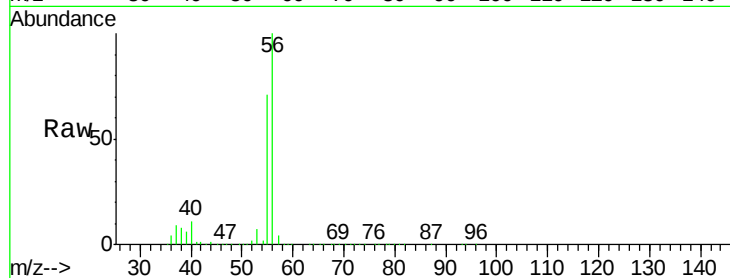
VSTDCCC050

Tot Ion: 56 Resp: 179720

Ion Ratio Lower Upper

56 100

55 71.2 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

120000

100000

80000

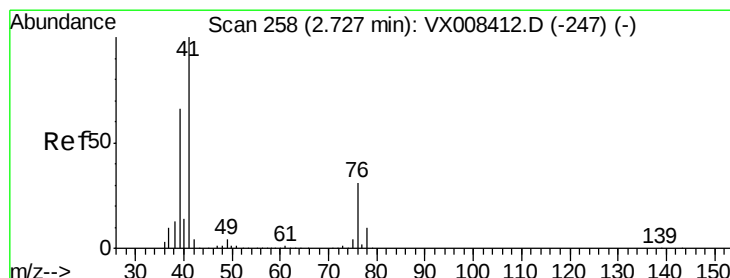
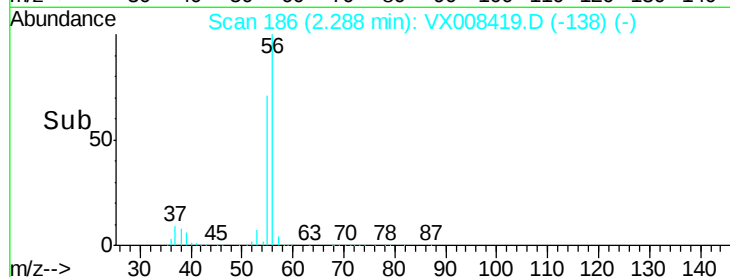
60000

40000

20000

0

Time-->



#14

Allyl chloride

Concen: 52.563 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

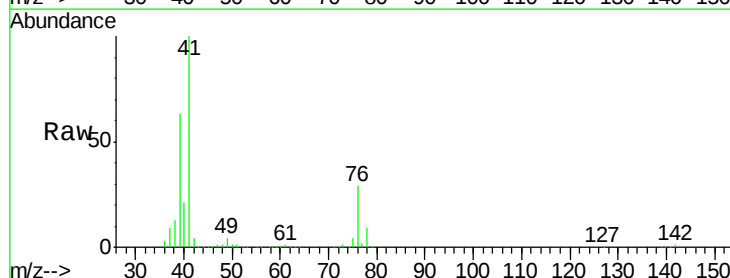
Tgt Ion: 41 Resp: 305186

Ion Ratio Lower Upper

41 100

39 62.3 49.6 74.4

76 28.2 22.6 34.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.72

200000

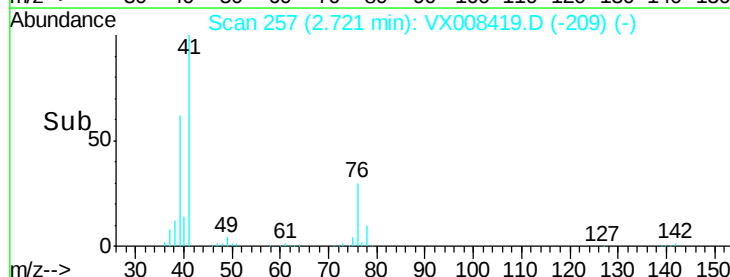
150000

100000

50000

0

Time-->

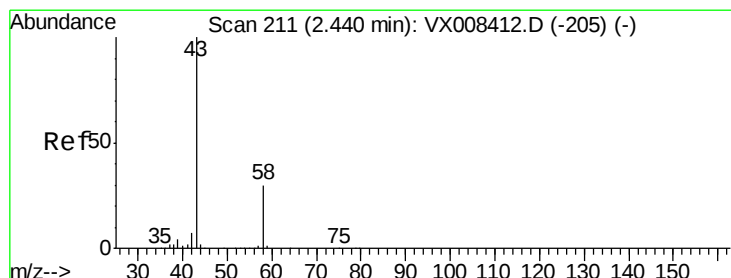
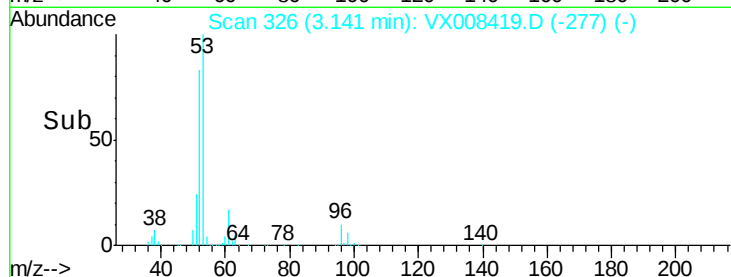
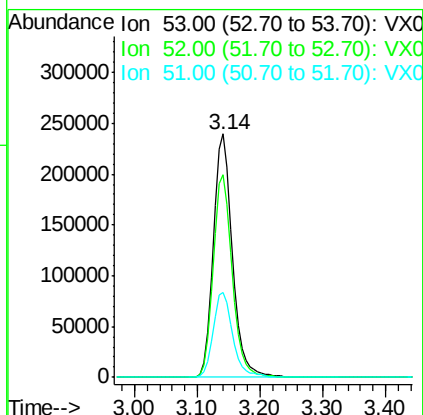
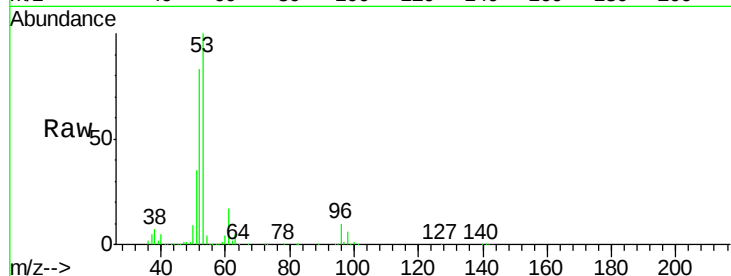




#15
 Acrylonitrile
 Concen: 252.412 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VX008419.D
 Acq: 25 Mar 2019 18:40

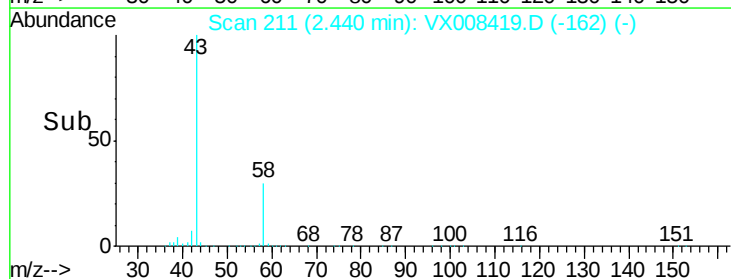
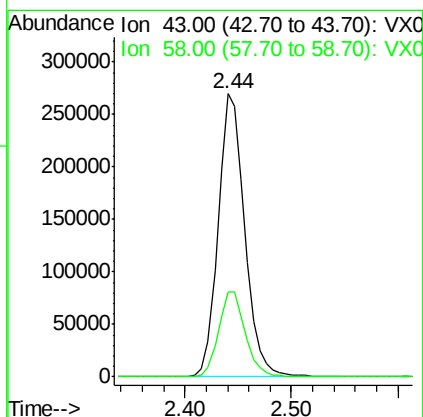
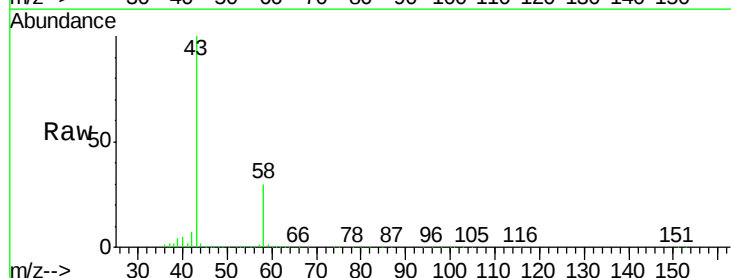
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

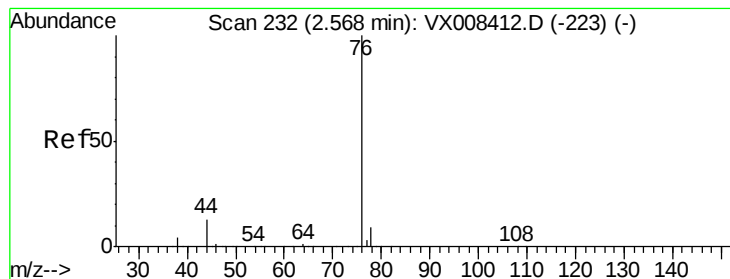
Tot Ion: 53 Resp: 503603
 Ion Ratio Lower Upper
 53 100
 52 83.0 66.5 99.7
 51 35.8 28.3 42.5



#16
 Acetone
 Concen: 259.262 ug/l
 RT: 2.44 min Scan# 211
 Delta R.T. 0.00 min
 Lab File: VX008419.D
 Acq: 25 Mar 2019 18:40

Tgt Ion: 43 Resp: 465354
 Ion Ratio Lower Upper
 43 100
 58 30.0 24.2 36.2





#17

Carbon Disulfide

Concen: 47.550 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA_X

ClientSampleId :

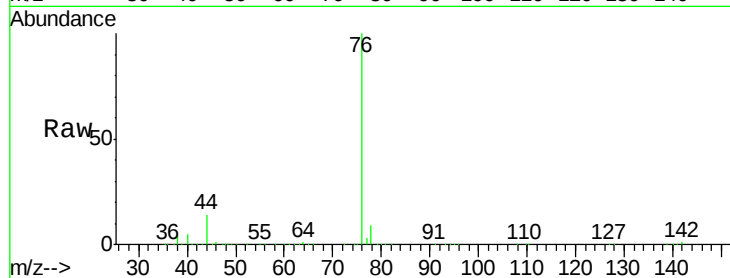
VSTDCCC050

Tot Ion: 76 Resp: 415700

Ion Ratio Lower Upper

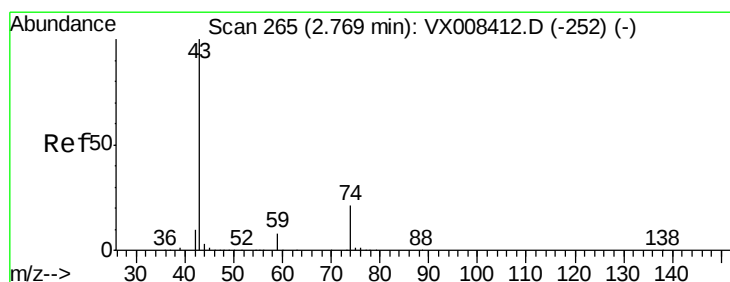
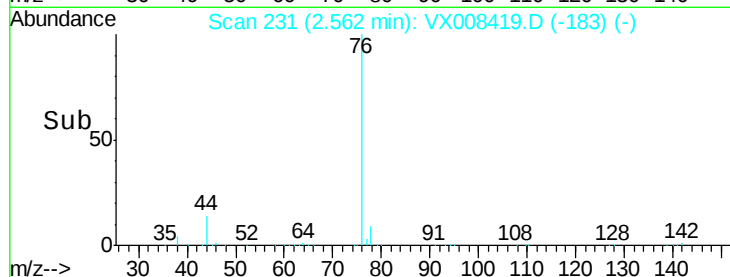
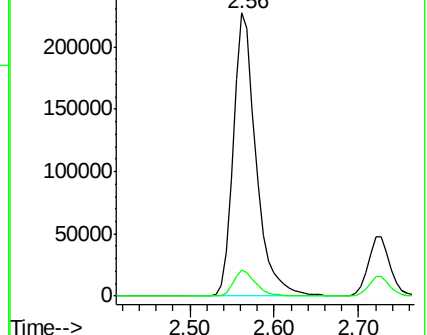
76 100

78 9.2 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 50.143 ug/l

RT: 2.77 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX008419.D

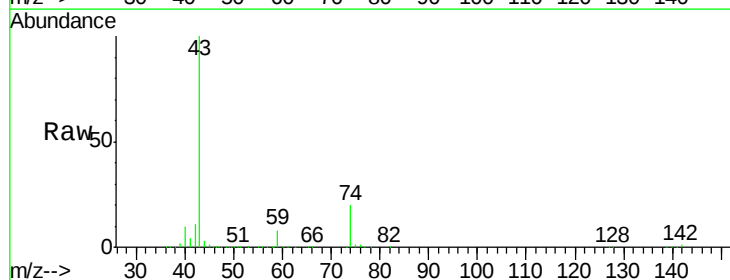
Acq: 25 Mar 2019 18:40

Tgt Ion: 43 Resp: 216161

Ion Ratio Lower Upper

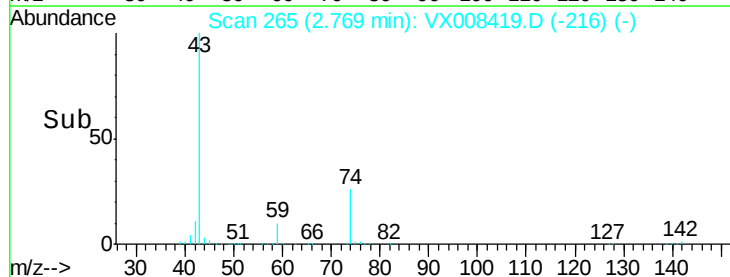
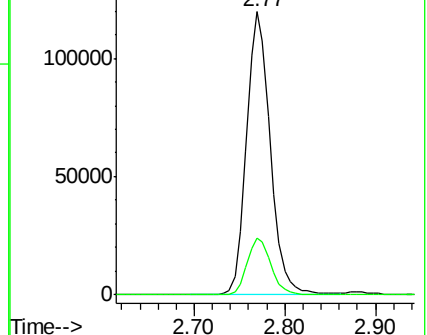
43 100

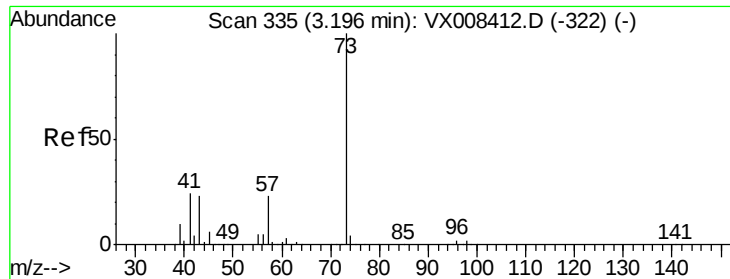
74 20.6 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

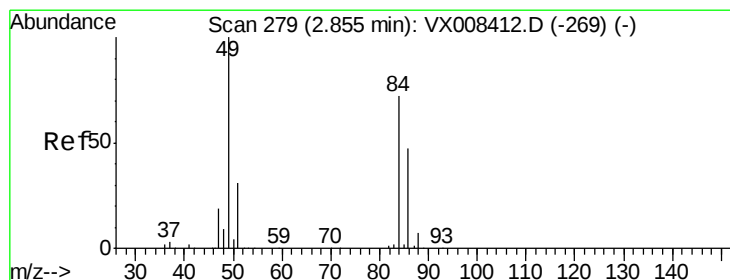
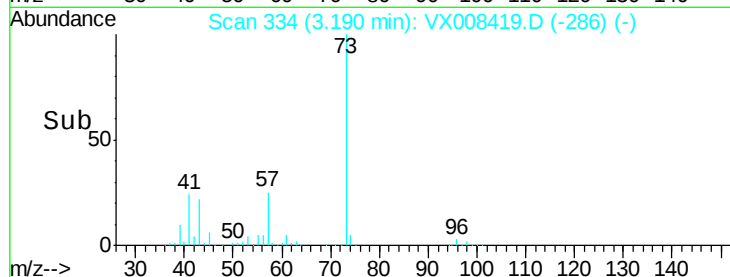
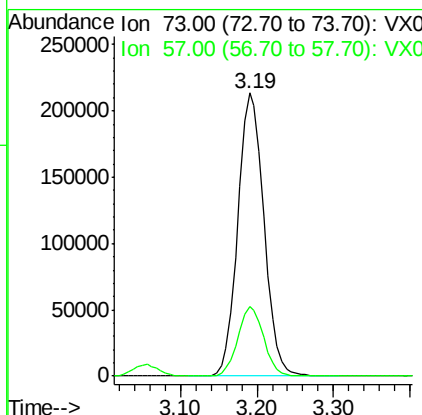
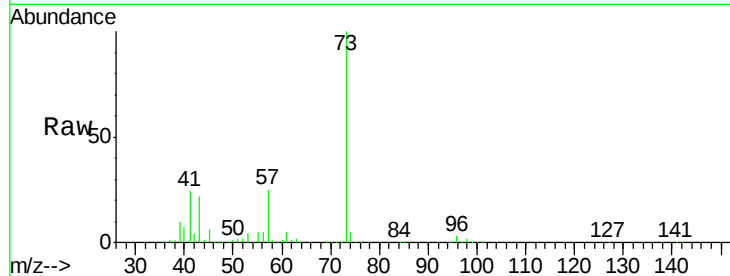




#19
Methyl tert-butyl Ether
Concen: 53.117 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX008419.D
Acq: 25 Mar 2019 18:40

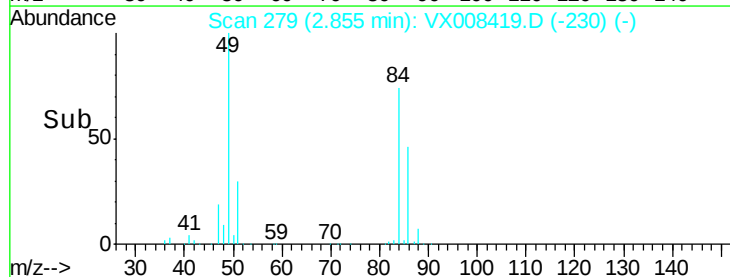
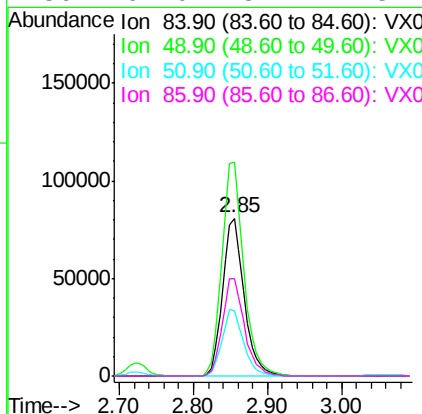
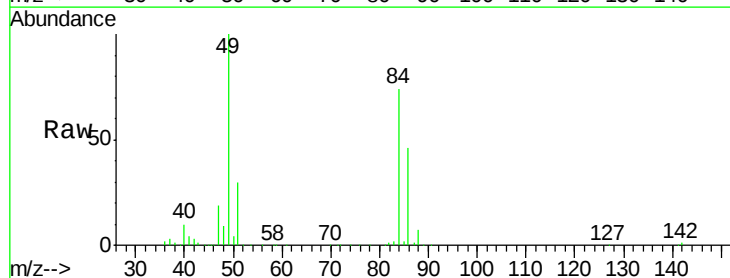
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

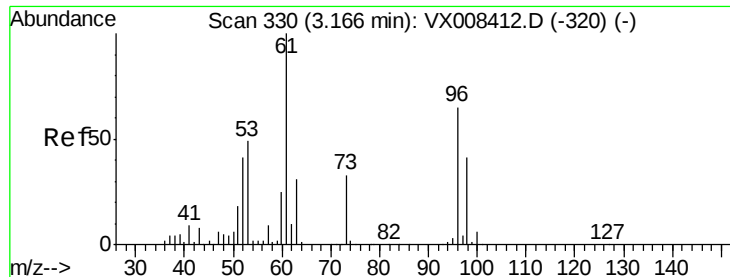
Tot Ion: 73 Resp: 504447
Ion Ratio Lower Upper
73 100
57 24.5 18.6 28.0



#20
Methylene Chloride
Concen: 55.603 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008419.D
Acq: 25 Mar 2019 18:40

Tgt Ion: 84 Resp: 162675
Ion Ratio Lower Upper
84 100
49 135.2 110.6 165.8
51 41.1 33.9 50.9
86 62.0 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 55.885 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

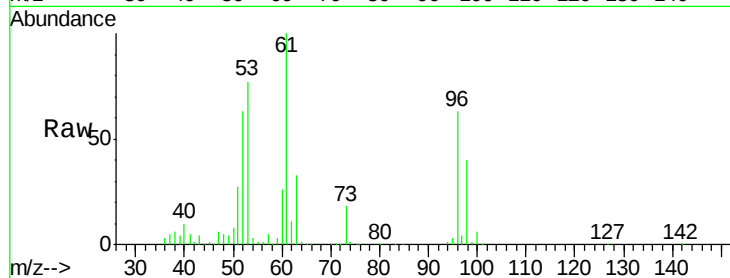
Tot Ion: 96 Resp: 146673

Ion Ratio Lower Upper

96 100

61 158.3 122.6 184.0

98 64.1 50.9 76.3

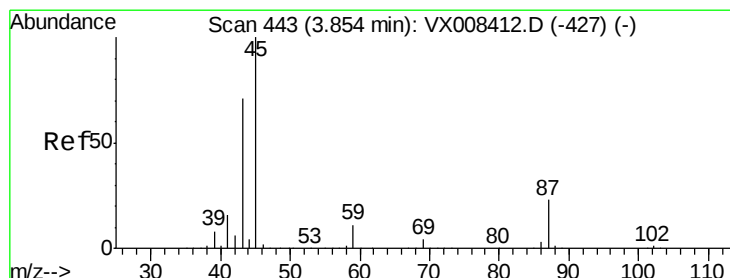
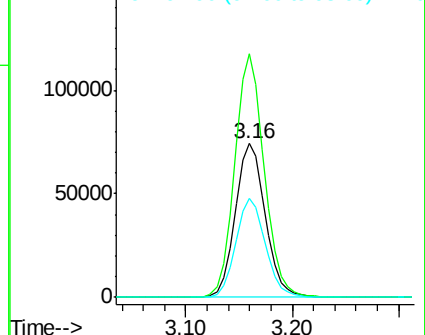
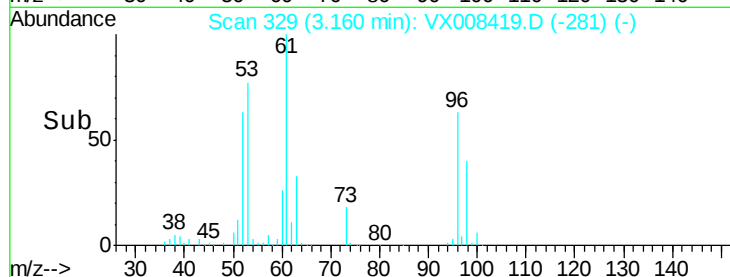


Abundance

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: 52.839 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Tgt Ion: 45 Resp: 604084

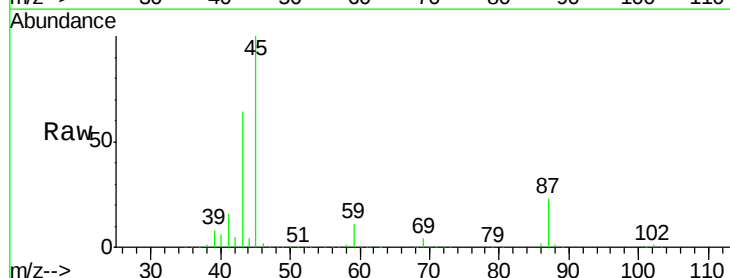
Ion Ratio Lower Upper

45 100

43 64.3 57.1 85.7

87 23.2 18.8 28.2

59 10.8 8.7 13.1



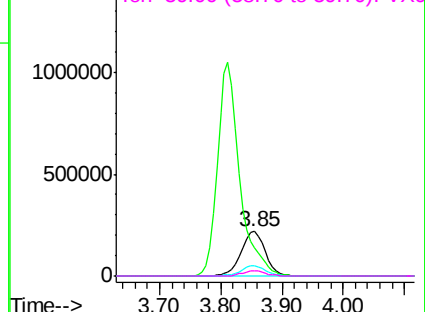
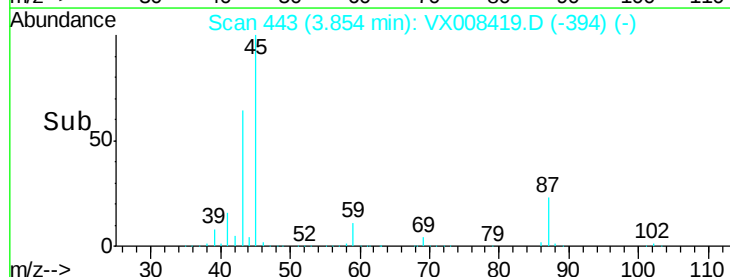
Abundance

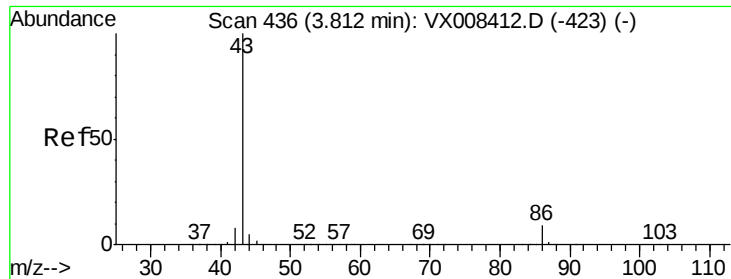
Ion 45.00 (44.70 to 45.70): VX0

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: 269.468 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA_X

ClientSampleId :

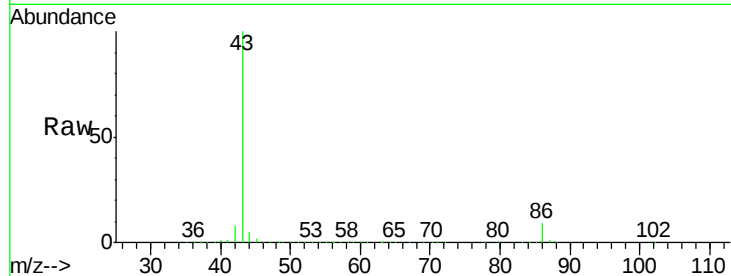
VSTDCCC050

Tot Ion: 43 Resp: 2687714

Ion Ratio Lower Upper

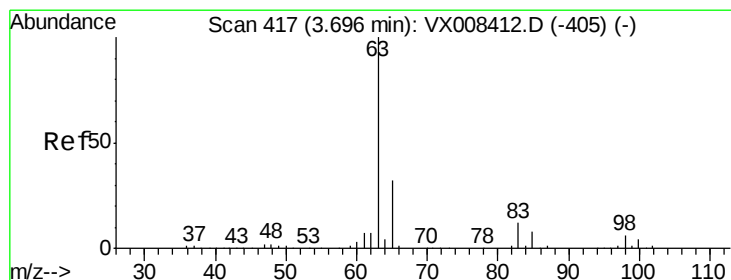
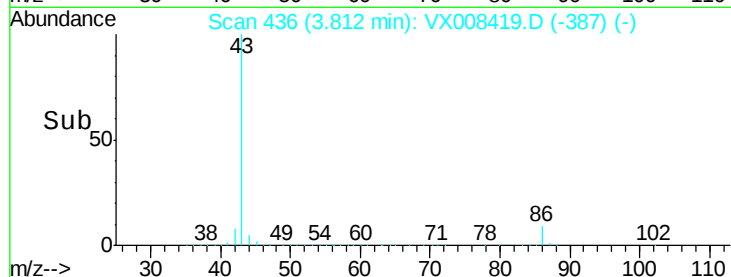
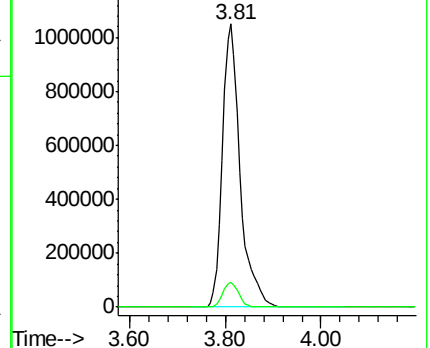
43 100

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: 52.664 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

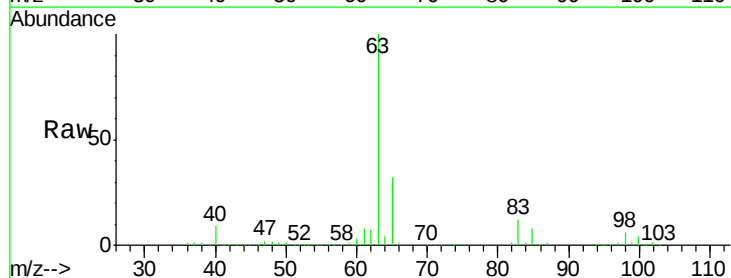
Tgt Ion: 63 Resp: 303961

Ion Ratio Lower Upper

63 100

98 6.2 3.2 9.6

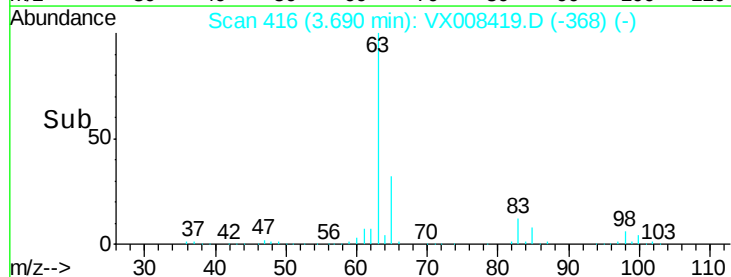
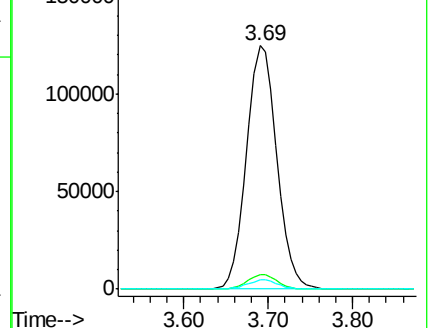
100 3.7 2.0 5.8

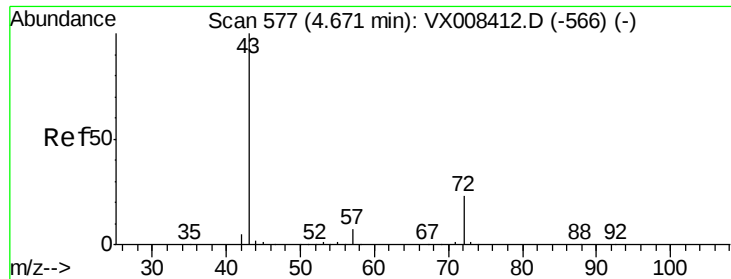


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 259.221 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA_X

ClientSampleId :

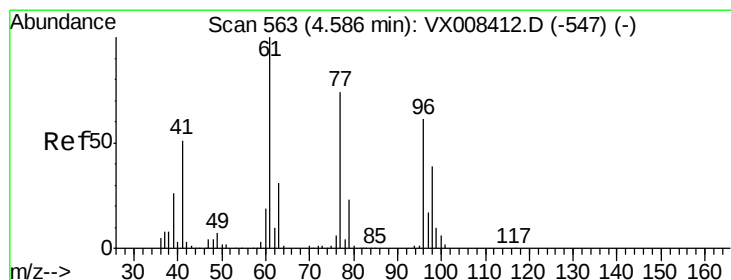
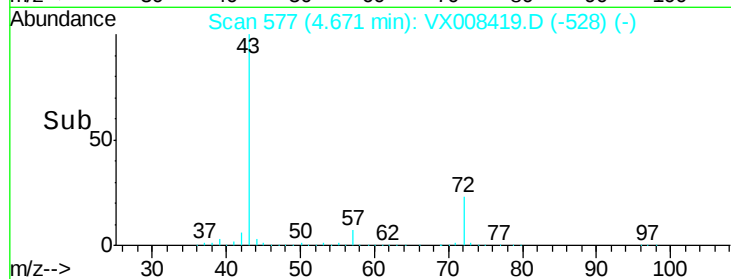
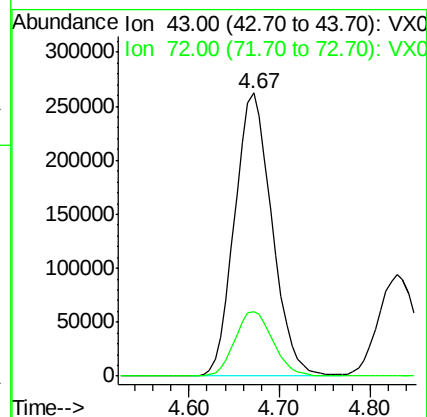
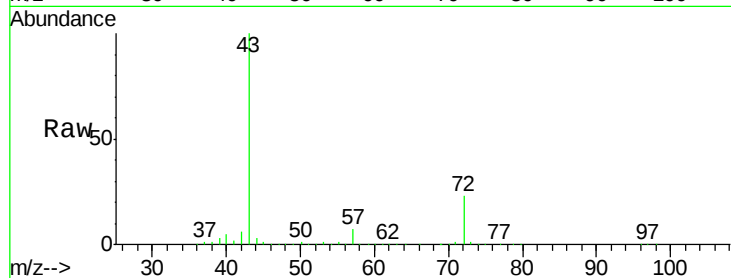
VSTDCCC050

Tot Ion: 43 Resp: 745930

Ion Ratio Lower Upper

43 100

72 22.8 18.6 28.0



#26

2,2-Dichloropropane

Concen: 55.953 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008419.D

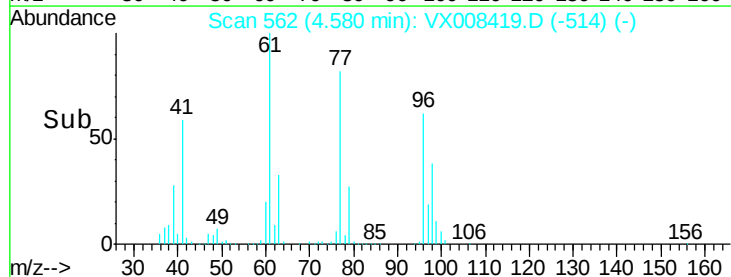
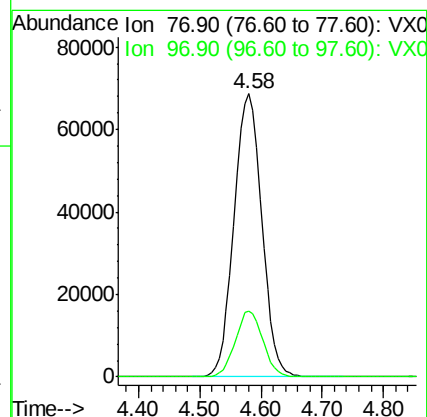
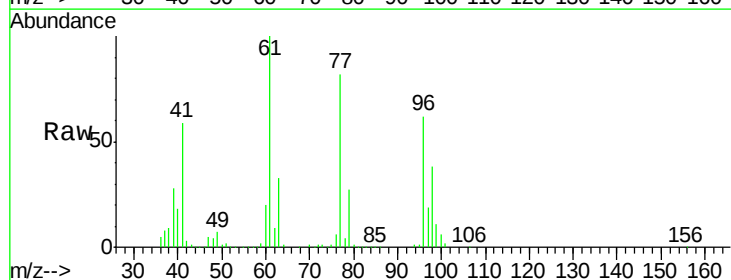
Acq: 25 Mar 2019 18:40

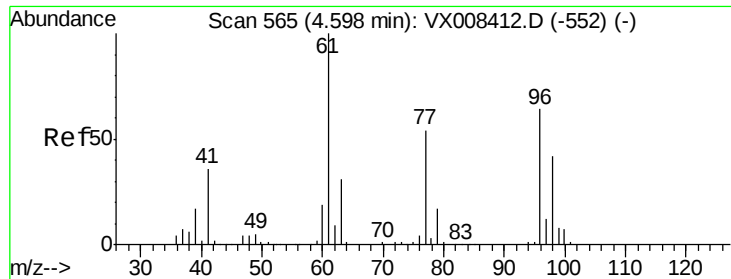
Tgt Ion: 77 Resp: 214796

Ion Ratio Lower Upper

77 100

97 23.1 11.2 33.6



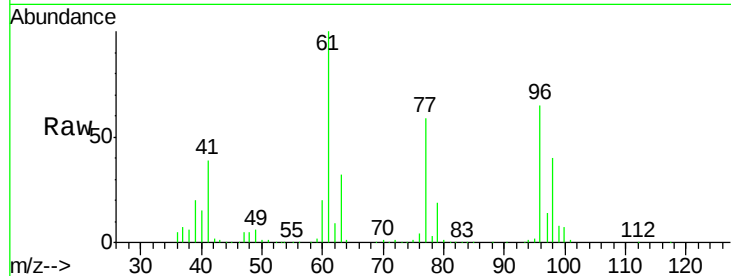


#27

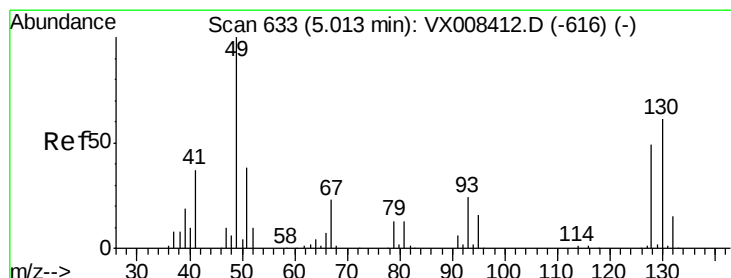
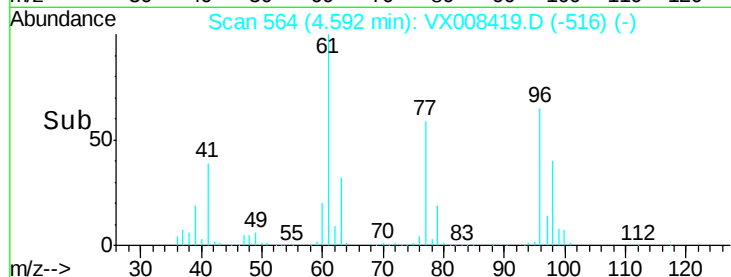
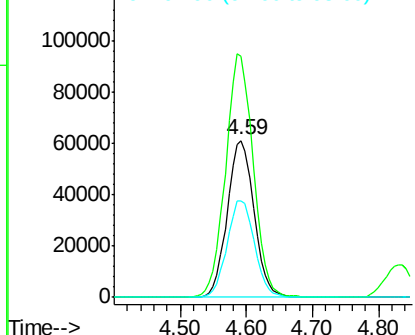
cis-1,2-Dichloroethene
Concen: 53.207 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008419.D
Acq: 25 Mar 2019 18:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 171466
Ion Ratio Lower Upper
96 100
61 159.7 0.0 325.6
98 63.4 0.0 130.0



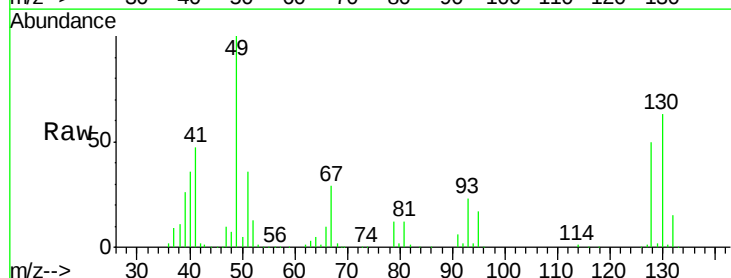
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



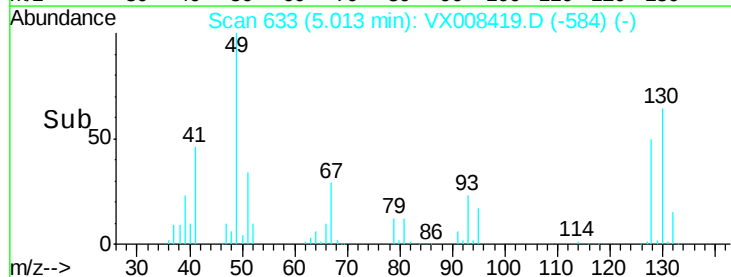
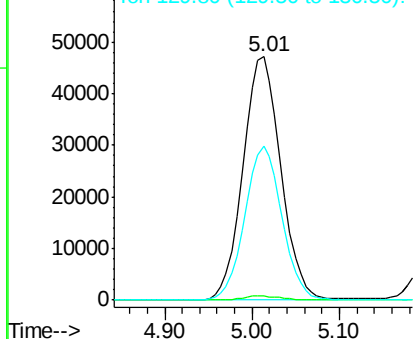
#28

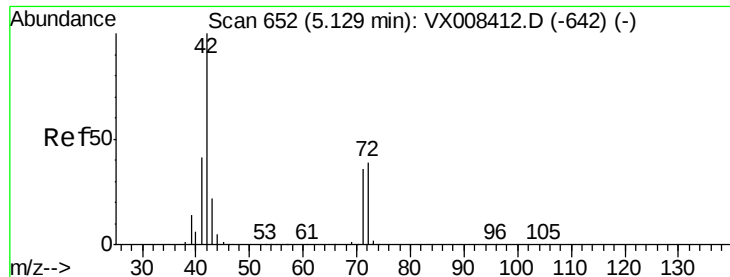
Bromochloromethane
Concen: 49.721 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX008419.D
Acq: 25 Mar 2019 18:40

Tgt Ion: 49 Resp: 141779
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.4
130 62.1 49.8 74.6



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

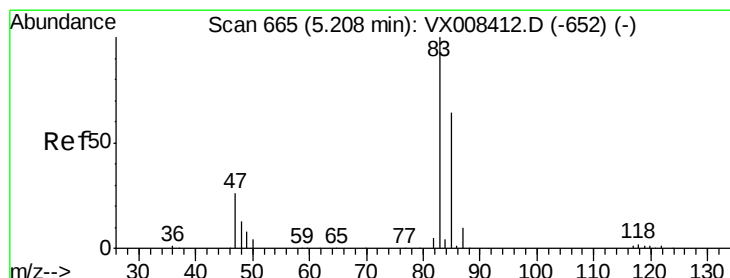
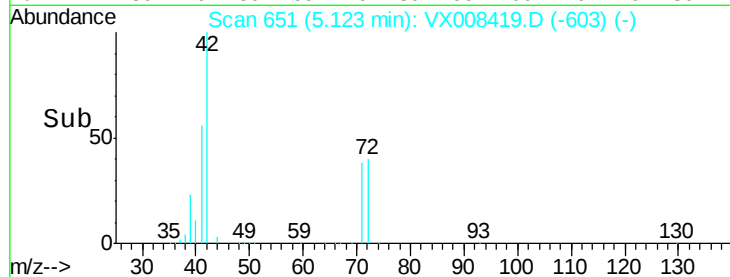
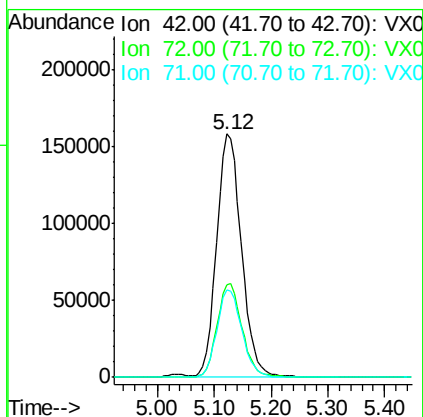
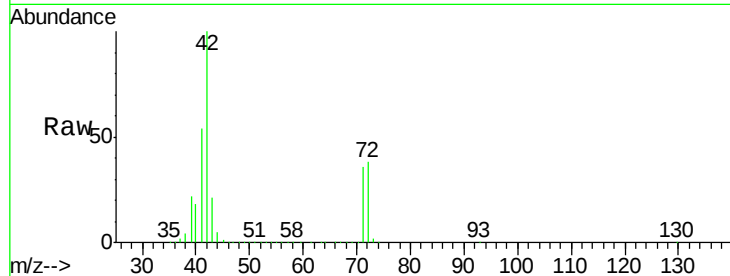




#29
Tetrahydrofuran
Concen: 251.289 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX008419.D
Acq: 25 Mar 2019 18:40

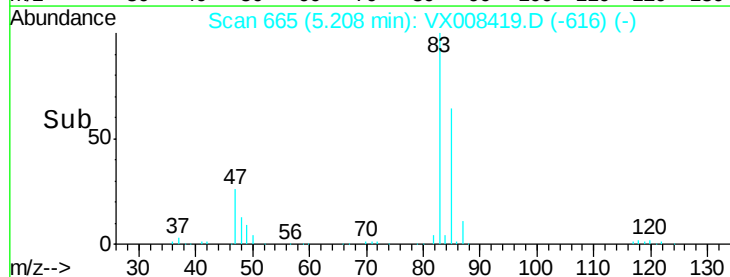
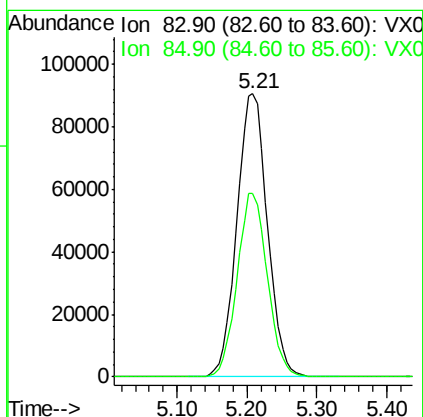
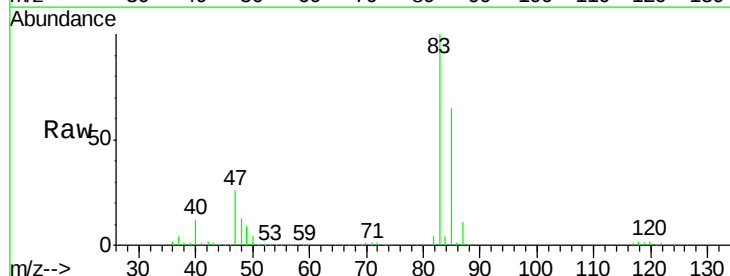
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

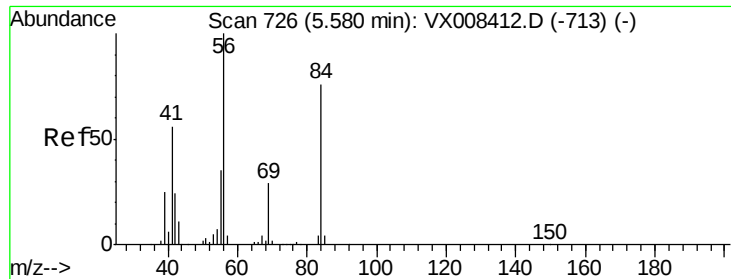
Tot Ion: 42 Resp: 476579
Ion Ratio Lower Upper
42 100
72 39.0 31.4 47.2
71 36.4 29.4 44.2



#30
Chloroform
Concen: 52.690 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX008419.D
Acq: 25 Mar 2019 18:40

Tgt Ion: 83 Resp: 274449
Ion Ratio Lower Upper
83 100
85 65.0 51.4 77.2

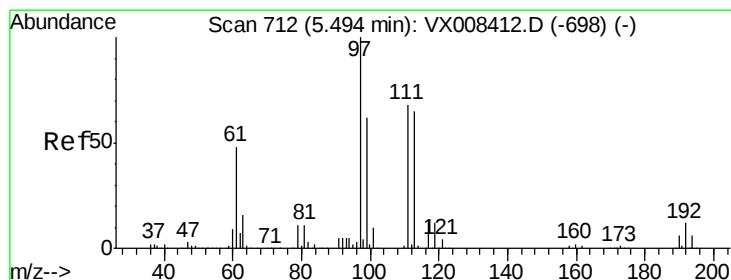
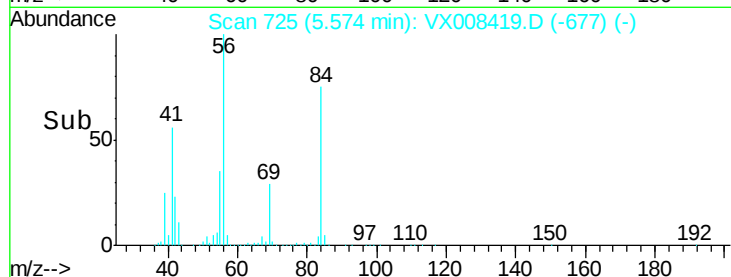
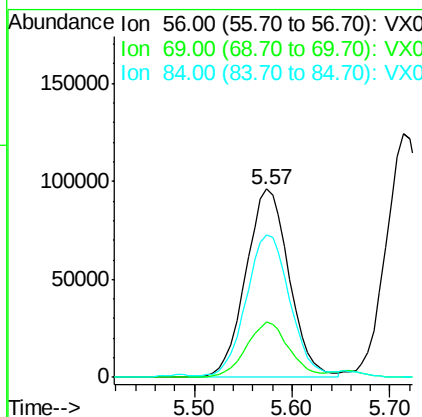
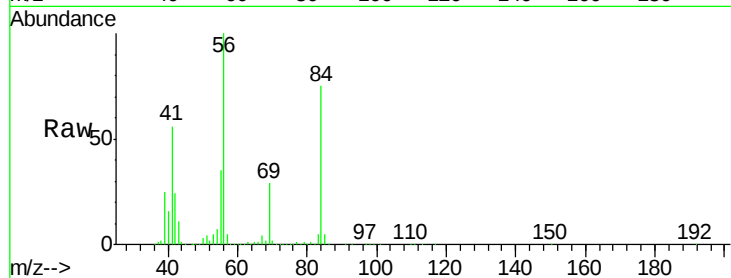




#31
Cyclohexane
Concen: 53.830 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX008419.D
Acq: 25 Mar 2019 18:40

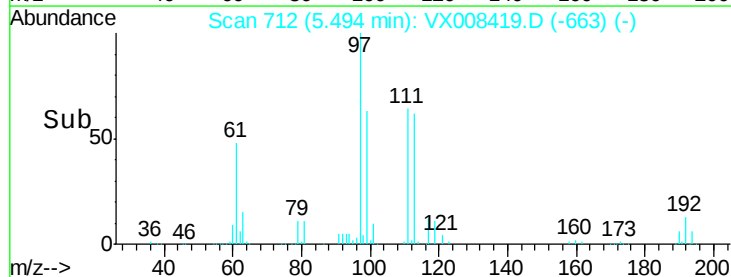
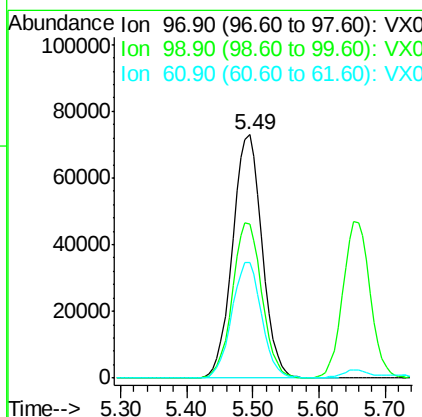
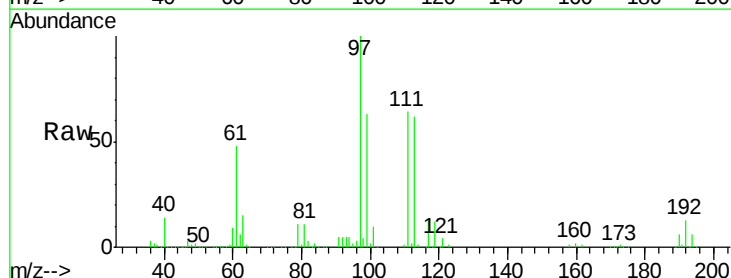
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

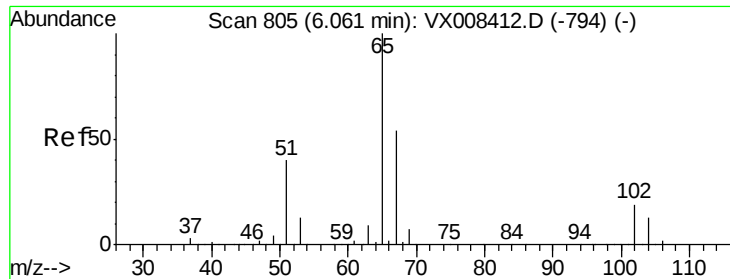
Tot Ion: 56 Resp: 296319
Ion Ratio Lower Upper
56 100
69 29.4 23.2 34.8
84 74.3 60.7 91.1



#32
1,1,1-Trichloroethane
Concen: 54.269 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX008419.D
Acq: 25 Mar 2019 18:40

Tgt Ion: 97 Resp: 225949
Ion Ratio Lower Upper
97 100
99 63.5 51.5 77.3
61 48.1 38.8 58.2

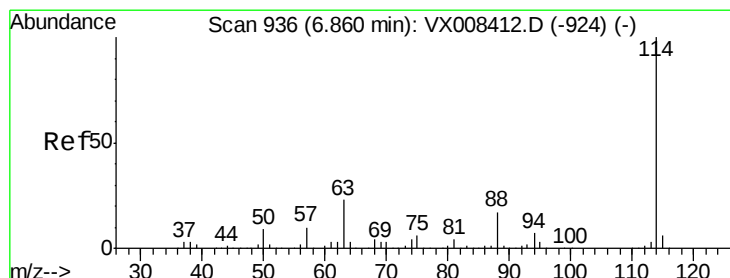
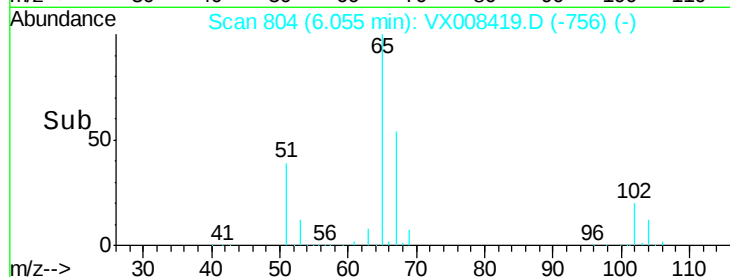
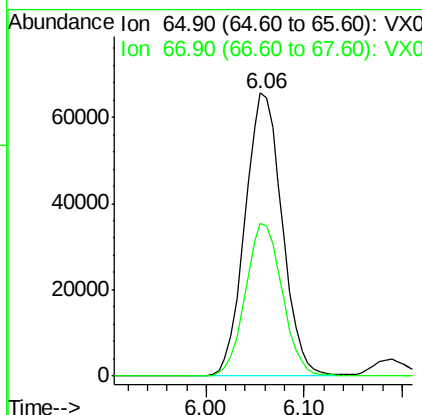
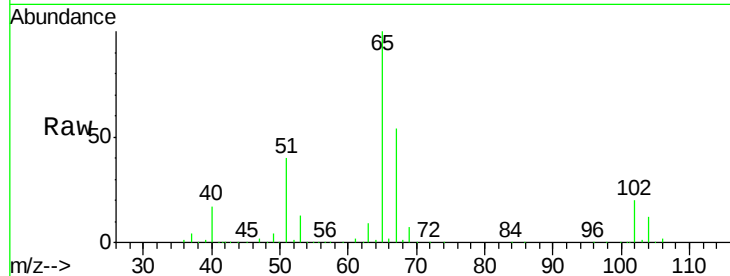




#33
 1,2-Dichloroethane-d4
 Concen: 50.487 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX008419.D
 Acq: 25 Mar 2019 18:40

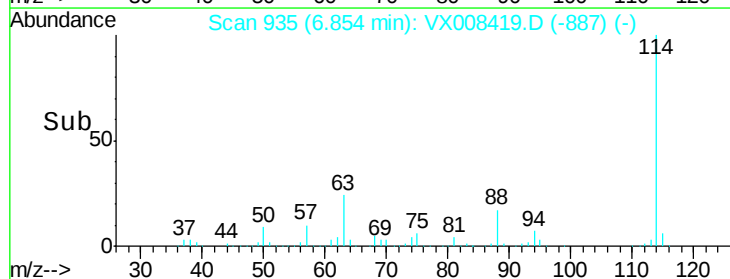
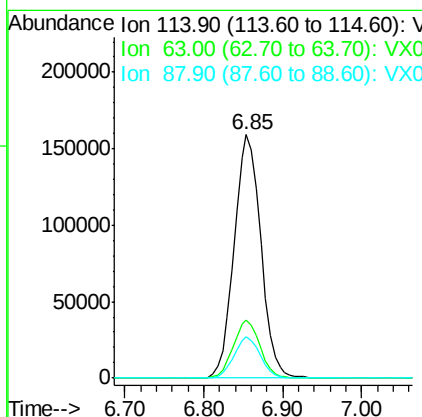
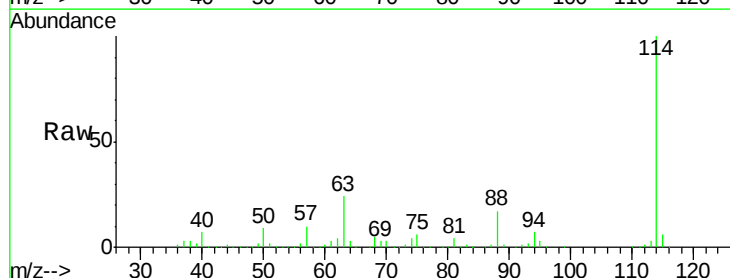
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

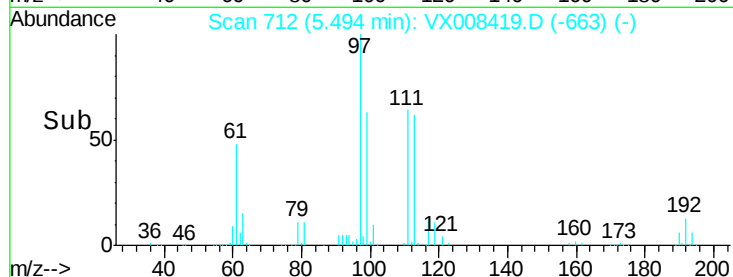
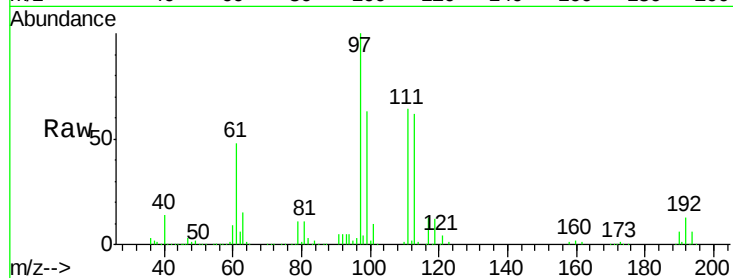
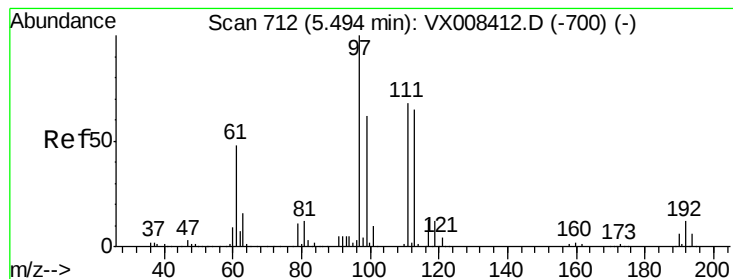
Tot Ion: 65 Resp: 173386
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008419.D
 Acq: 25 Mar 2019 18:40

Tgt Ion: 114 Resp: 375047
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 46.4
 88 17.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 53.165 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

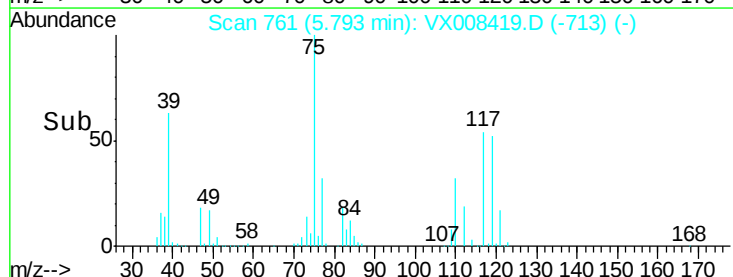
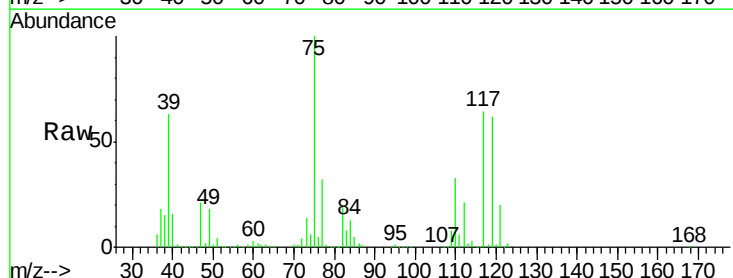
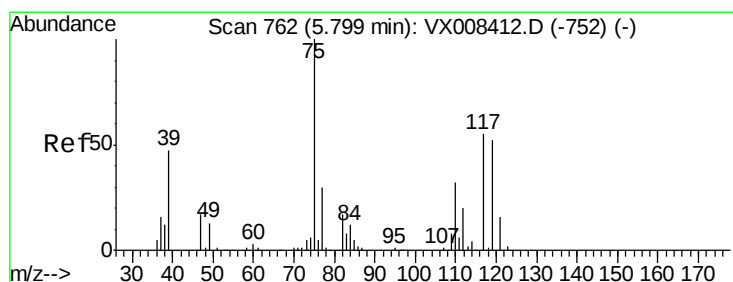
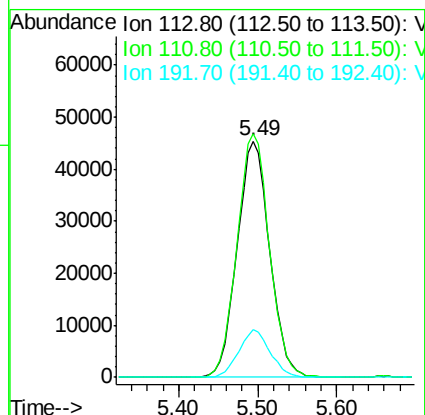
Tot Ion:113 Resp: 130014

Ion Ratio Lower Upper

113 100

111 103.0 83.0 124.4

192 19.4 15.6 23.4



#36

1,1-Dichloropropene

Concen: 54.563 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

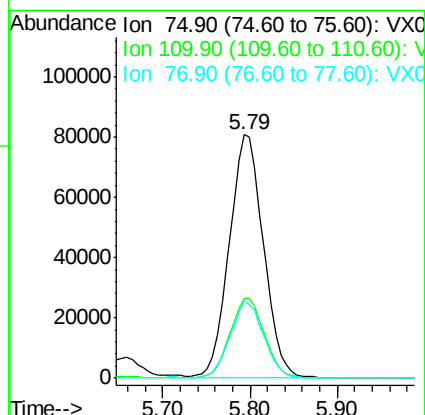
Tgt Ion: 75 Resp: 218190

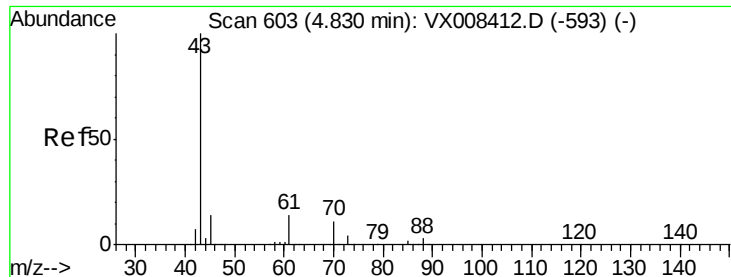
Ion Ratio Lower Upper

75 100

110 33.4 16.6 49.7

77 31.3 24.2 36.2





#37

Ethyl Acetate

Concen: 54.041 ug/l

RT: 4.83 min Scan# 603

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

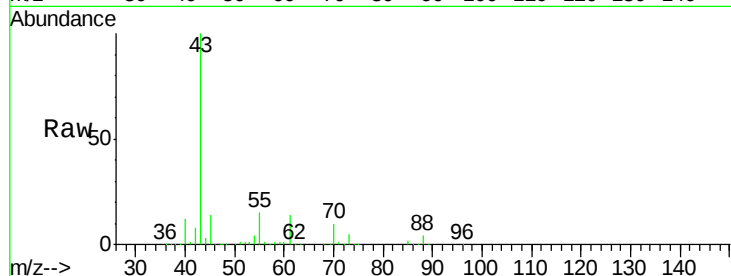
Tot Ion: 43 Resp: 279955

Ion Ratio Lower Upper

43 100

61 13.7 10.5 15.7

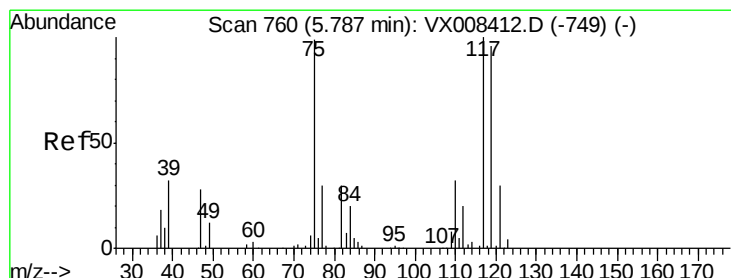
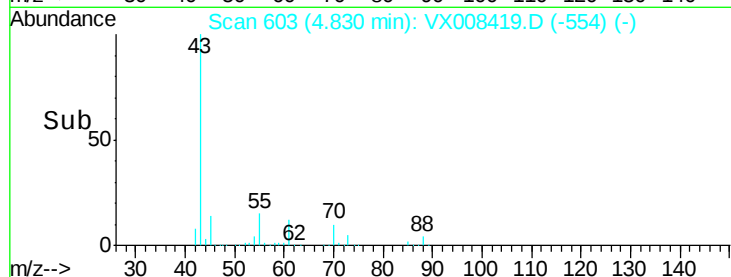
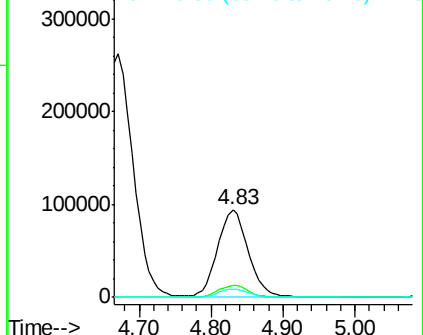
70 9.6 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 56.603 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

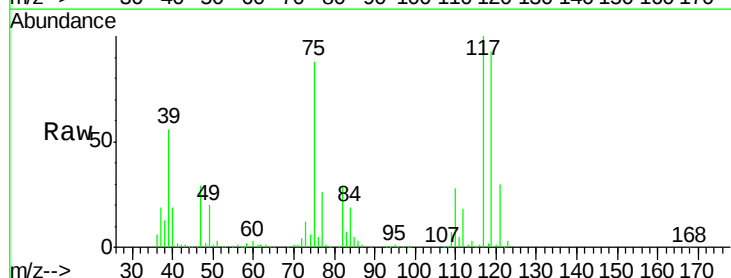
Tgt Ion: 117 Resp: 188892

Ion Ratio Lower Upper

117 100

119 92.8 76.7 115.1

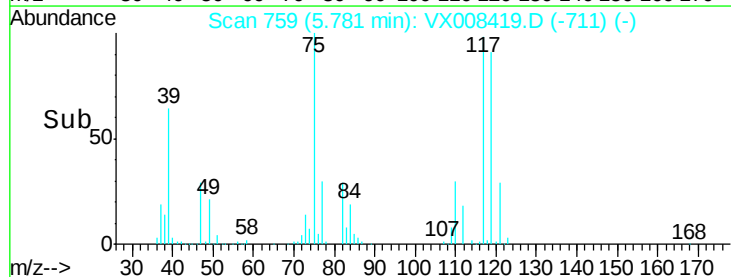
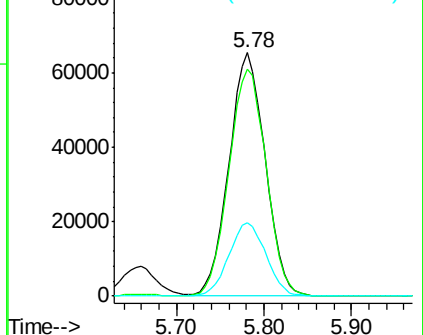
121 30.2 24.3 36.5

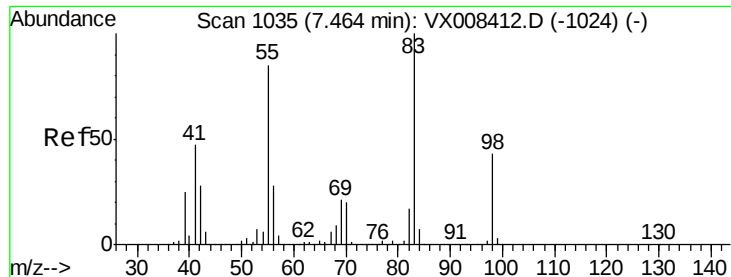


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

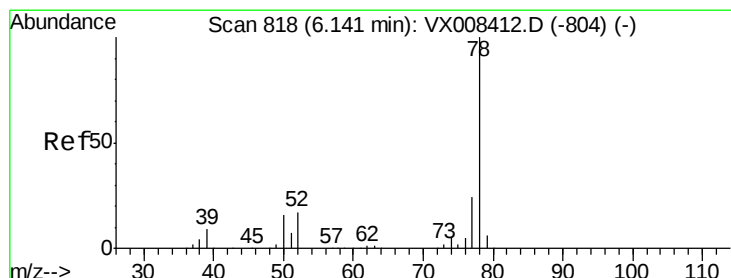
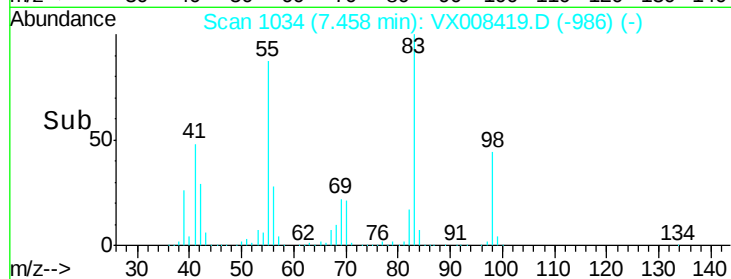
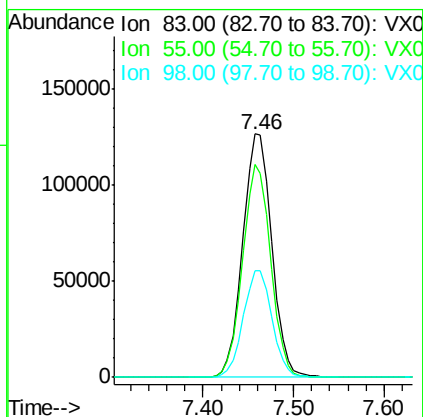
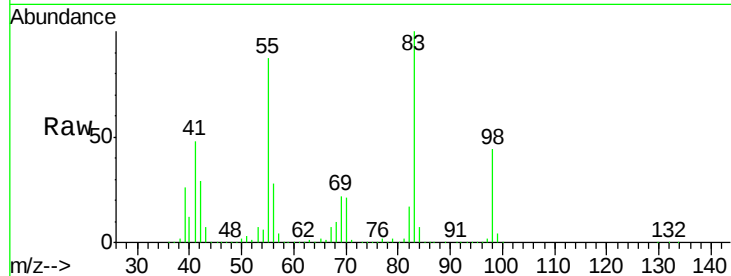




#39
Methvlcvclohexane
Concen: 58.845 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008419.D
Acq: 25 Mar 2019 18:40

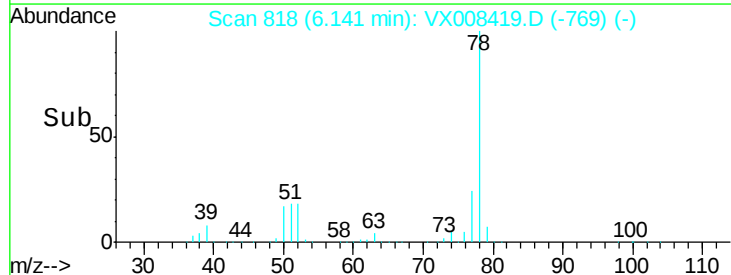
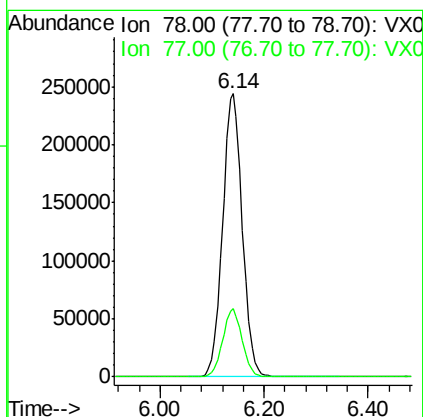
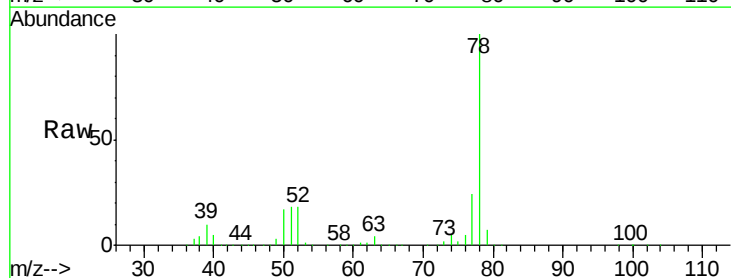
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

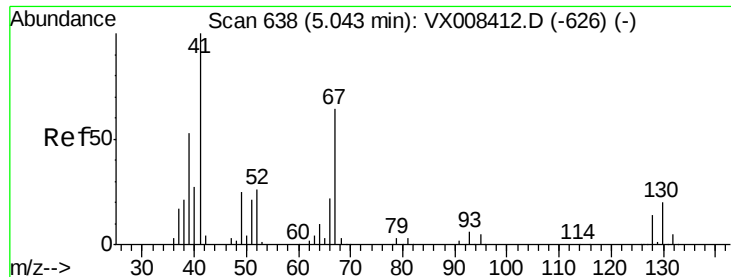
Tot Ion: 83 Resp: 281215
Ion Ratio Lower Upper
83 100
55 87.5 68.2 102.4
98 44.0 34.2 51.4



#40
Benzene
Concen: 54.194 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008419.D
Acq: 25 Mar 2019 18:40

Tgt Ion: 78 Resp: 648783
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9





#41

Methacrylonitrile

Concen: 54.033 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 157304

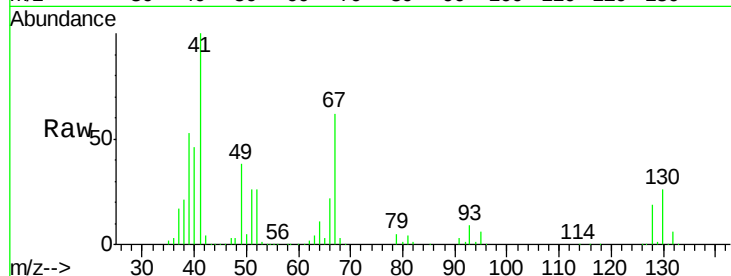
Ion Ratio Lower Upper

41 100

39 54.2 42.6 64.0

67 64.9 52.2 78.4

52 26.4 21.4 32.0

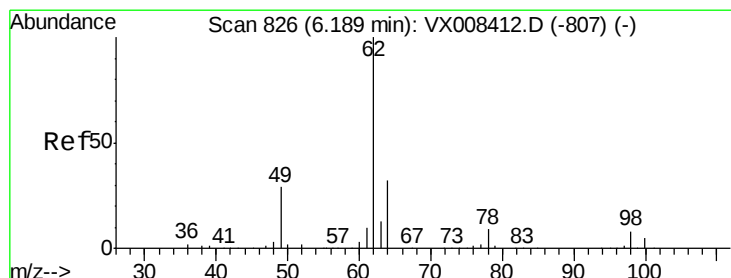
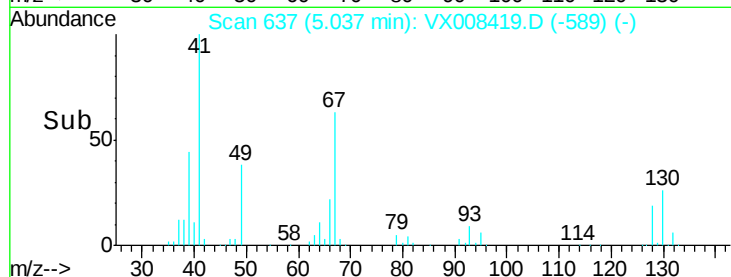
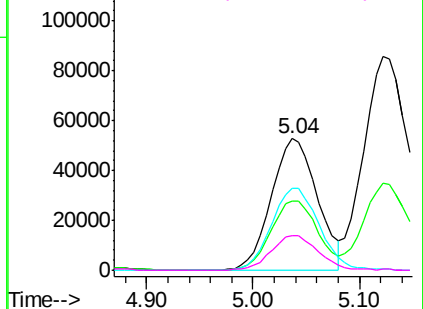


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 53.148 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX008419.D

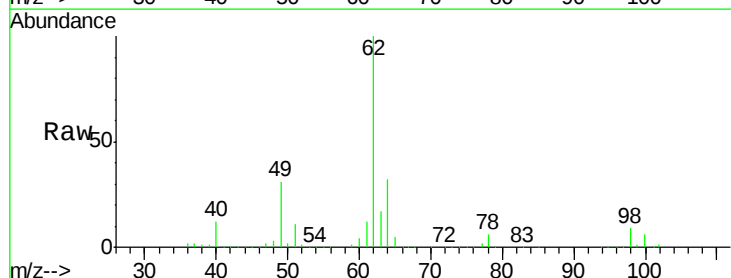
Acq: 25 Mar 2019 18:40

Tgt Ion: 62 Resp: 232956

Ion Ratio Lower Upper

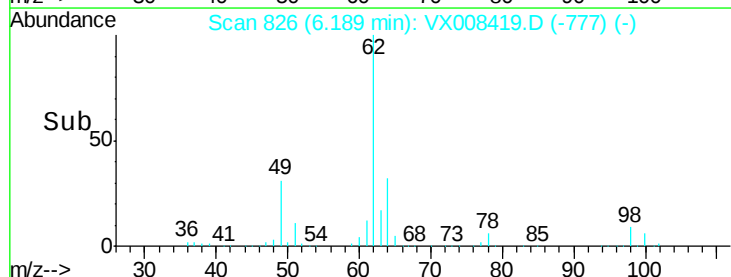
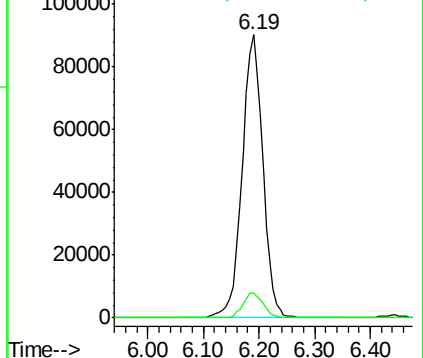
62 100

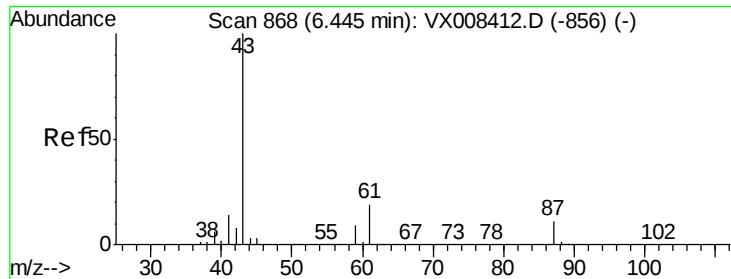
98 8.7 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



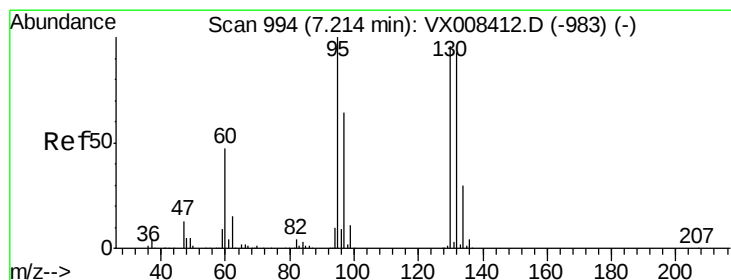
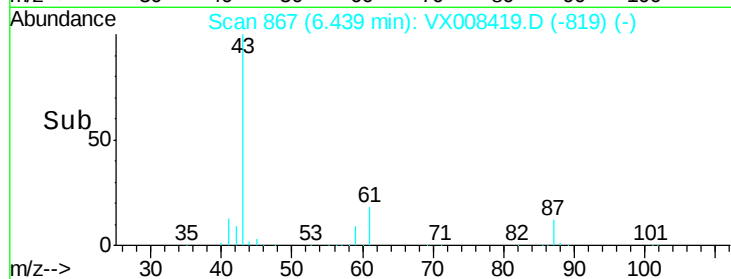
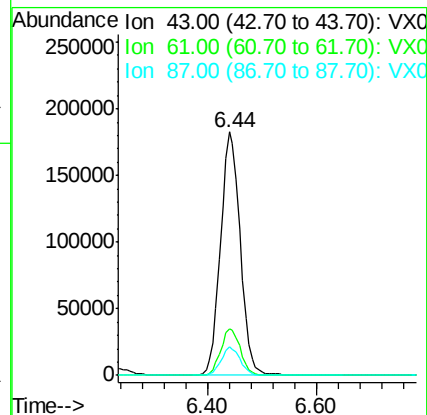
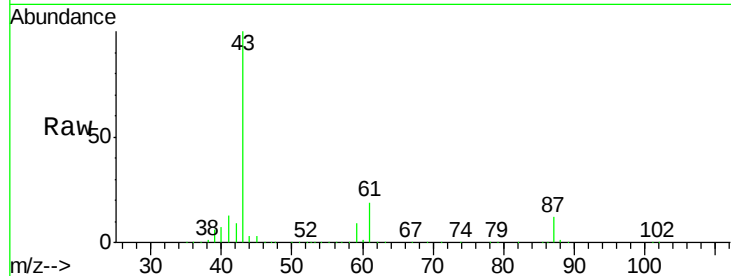


#43

Isopropyl Acetate
 Concen: 55.227 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX008419.D
 Acq: 25 Mar 2019 18:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

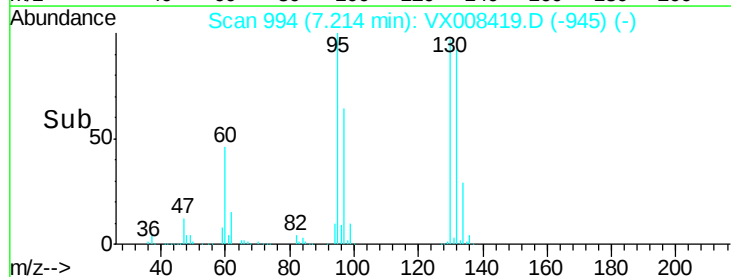
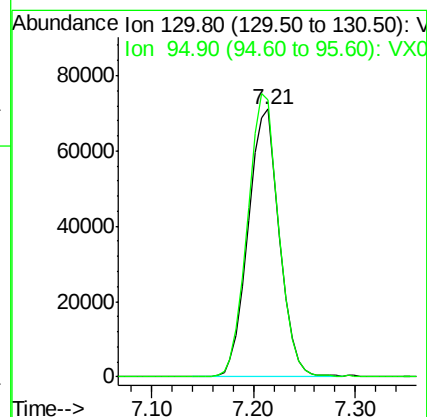
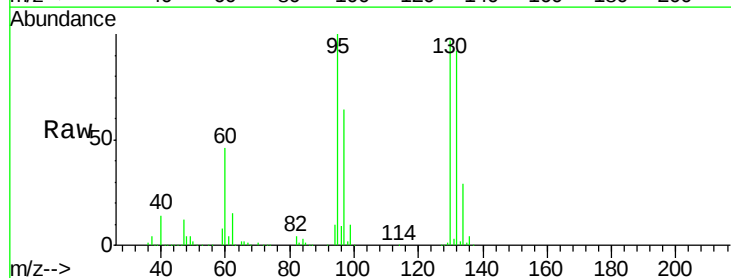
Tot Ion: 43 Resp: 457621
 Ion Ratio Lower Upper
 43 100
 61 19.2 15.4 23.2
 87 11.5 9.1 13.7

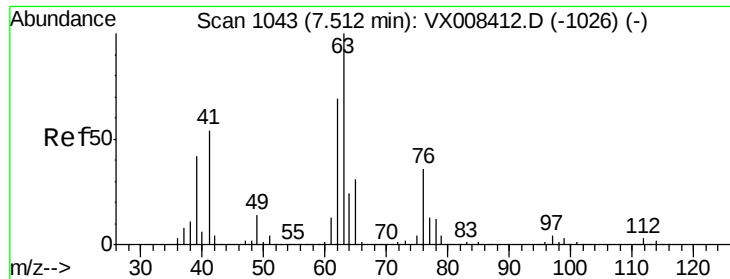


#44

Trichloroethene
 Concen: 54.050 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008419.D
 Acq: 25 Mar 2019 18:40

Tgt Ion:130 Resp: 151928
 Ion Ratio Lower Upper
 130 100
 95 103.6 0.0 208.8





#45

1,2-Dichloropropane

Concen: 54.597 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA_X

ClientSampleId :

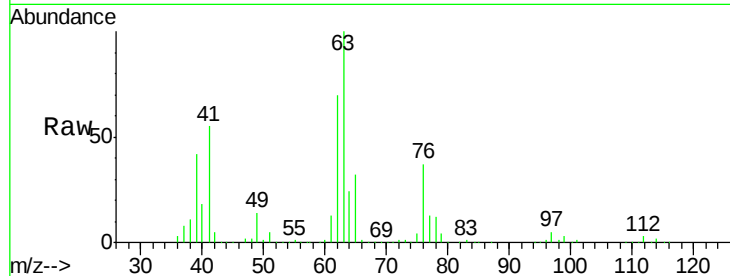
VSTDCCC050

Tot Ion: 63 Resp: 185780

Ion Ratio Lower Upper

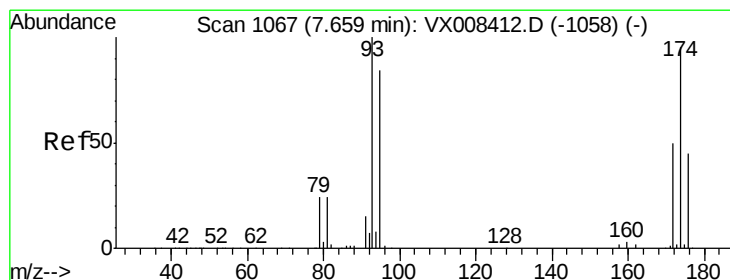
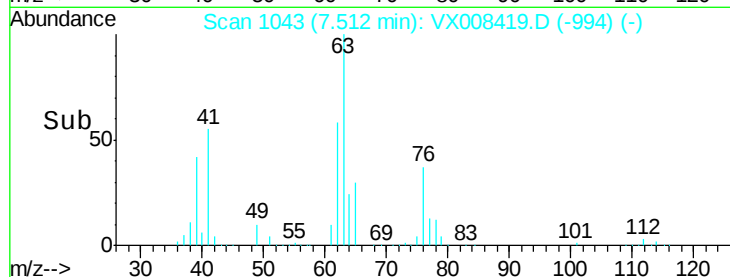
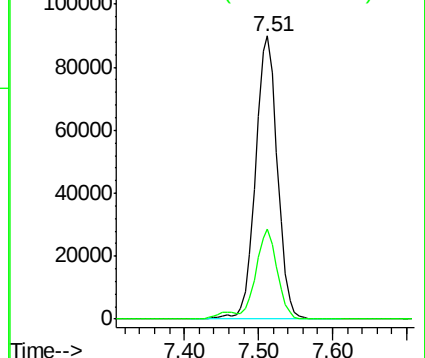
63 100

65 31.7 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 54.101 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

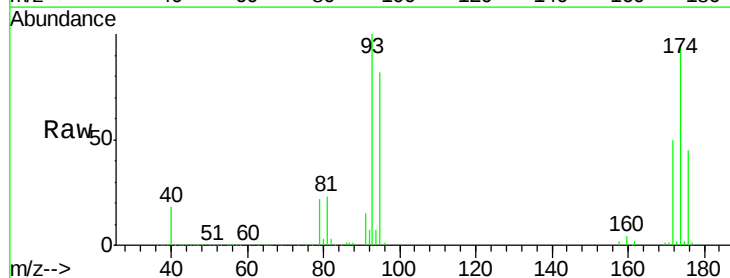
Tgt Ion: 93 Resp: 107502

Ion Ratio Lower Upper

93 100

95 83.2 67.0 100.6

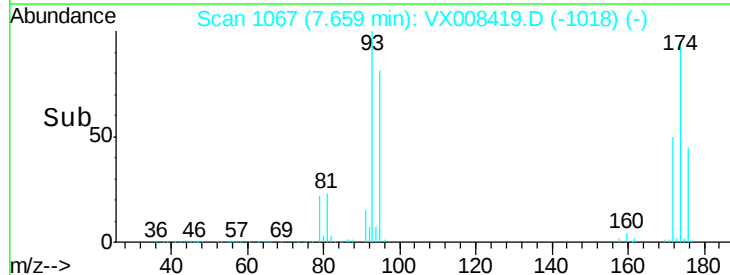
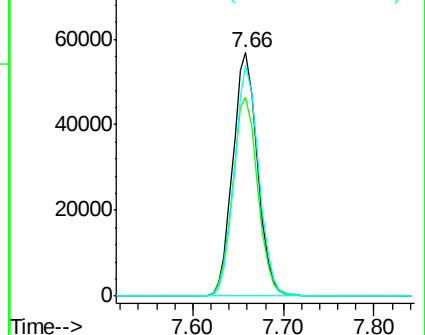
174 93.5 76.0 114.0

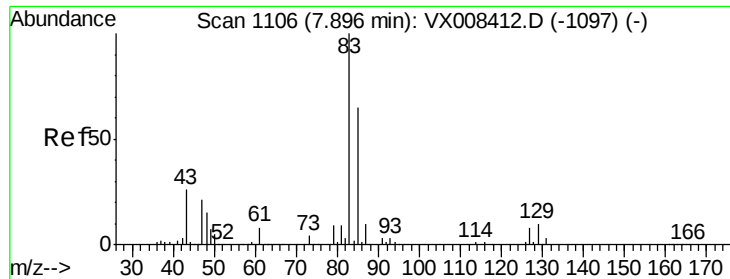


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 56.791 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

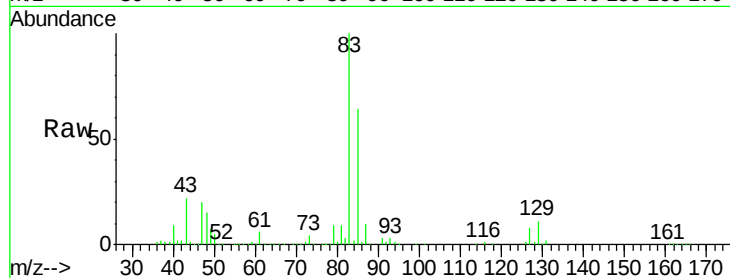
Tot Ion: 83 Resp: 215994

Ion Ratio Lower Upper

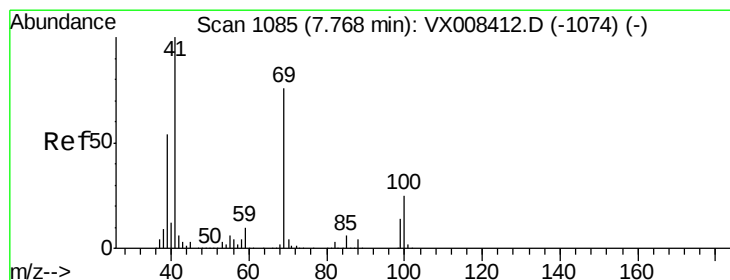
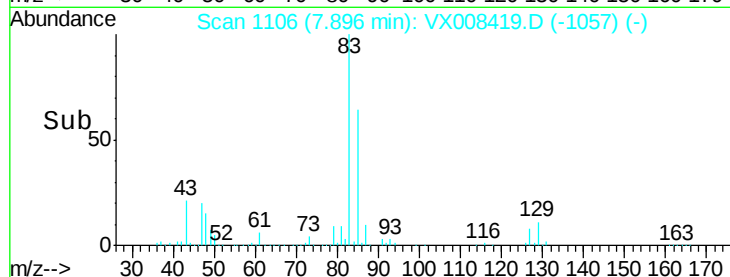
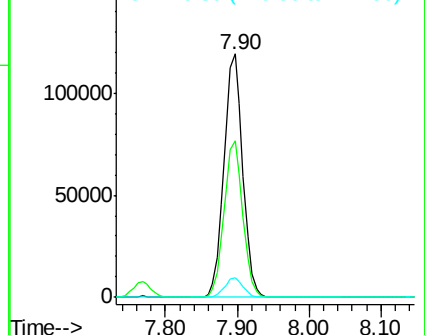
83 100

85 64.2 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: 55.665 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

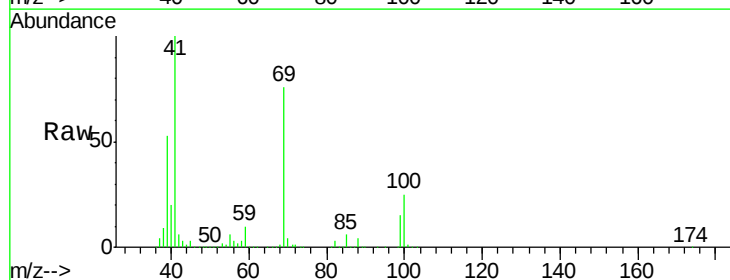
Tgt Ion: 41 Resp: 230789

Ion Ratio Lower Upper

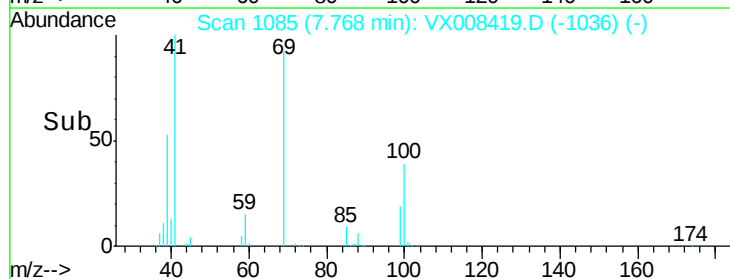
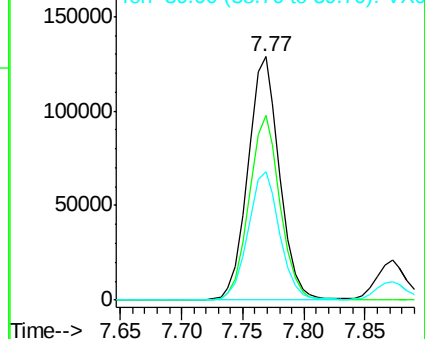
41 100

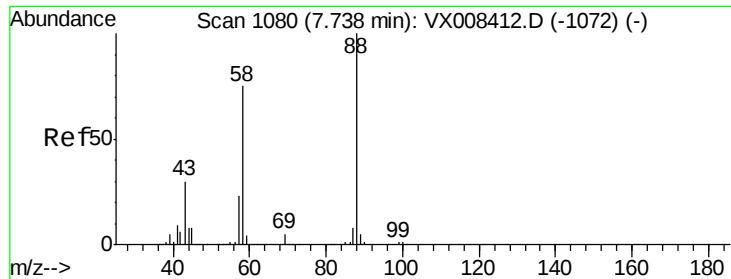
69 74.9 60.8 91.2

39 52.8 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

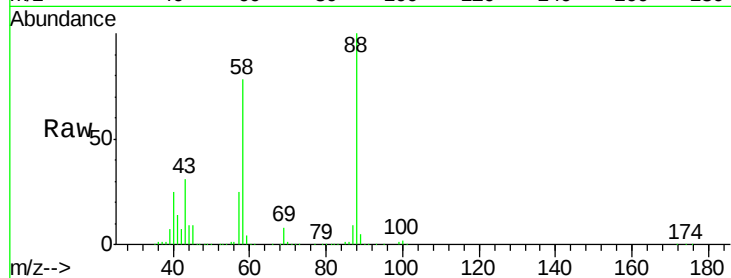




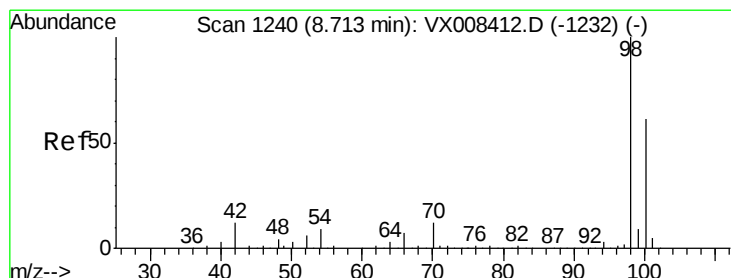
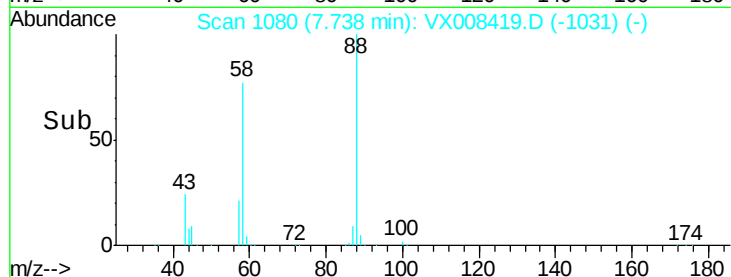
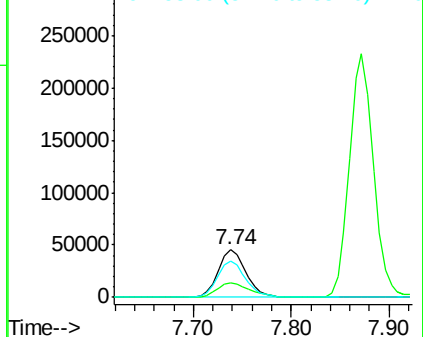
#49
1,4-Dioxane
Concen: 1081.356 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX008419.D
Acq: 25 Mar 2019 18:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 89144
Ion Ratio Lower Upper
88 100
43 37.0 28.6 43.0
58 78.5 63.0 94.4

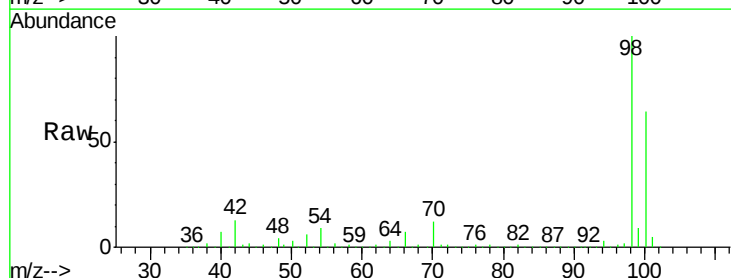


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

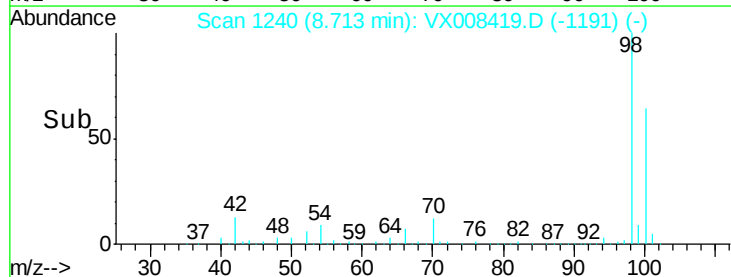
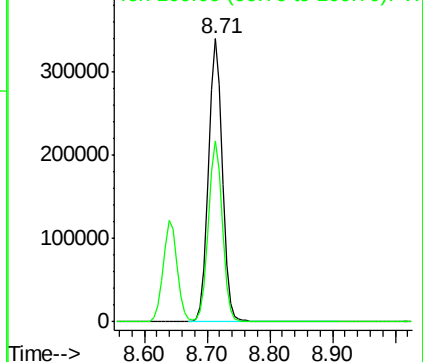


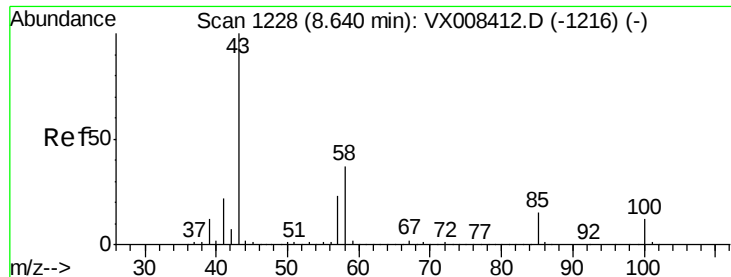
#50
Toluene-d8
Concen: 53.235 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008419.D
Acq: 25 Mar 2019 18:40

Tgt Ion: 98 Resp: 520560
Ion Ratio Lower Upper
98 100
100 64.4 51.1 76.7



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





#51

4-Methyl-2-Pentanone

Concen: 280.322 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA_X

ClientSampled :

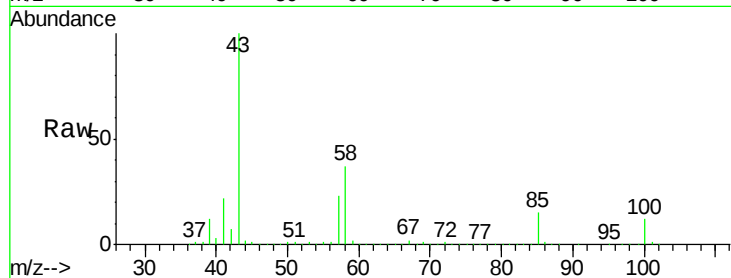
VSTDCCC050

Tot Ion: 43 Resp: 1508663

Ion Ratio Lower Upper

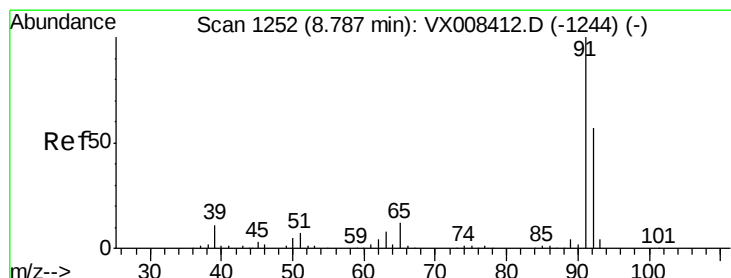
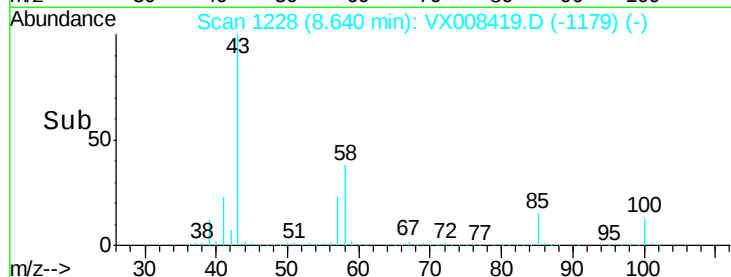
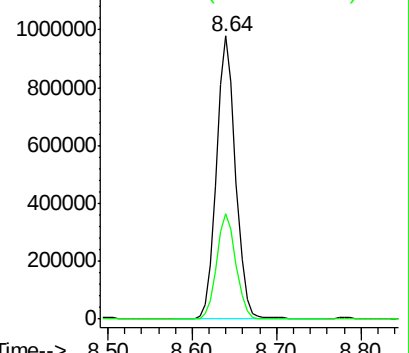
43 100

58 37.4 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 55.447 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008419.D

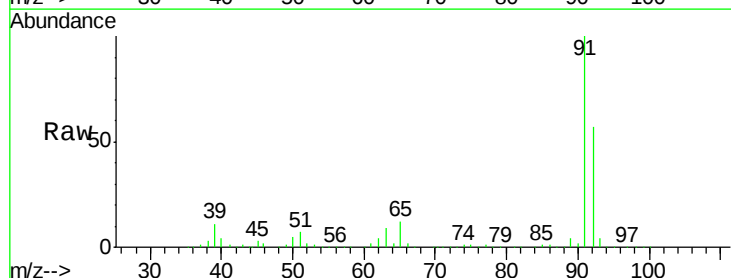
Acq: 25 Mar 2019 18:40

Tgt Ion: 92 Resp: 396895

Ion Ratio Lower Upper

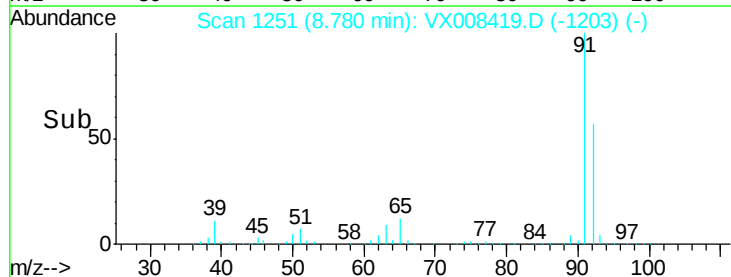
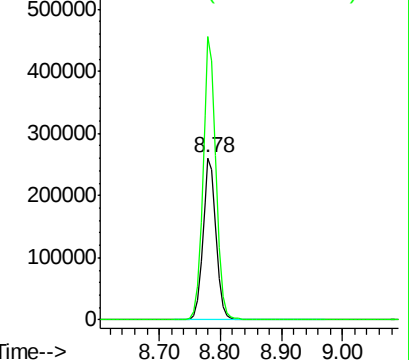
92 100

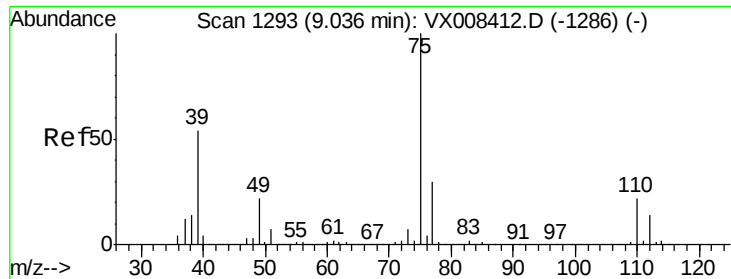
91 173.4 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 59.549 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA_X

ClientSampleId :

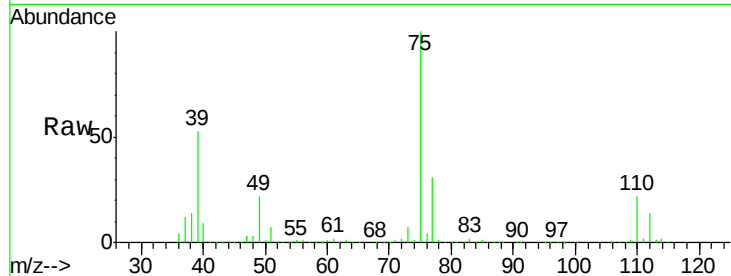
VSTDCCC050

Tot Ion: 75 Resp: 248074

Ion Ratio Lower Upper

75 100

77 31.0 24.3 36.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

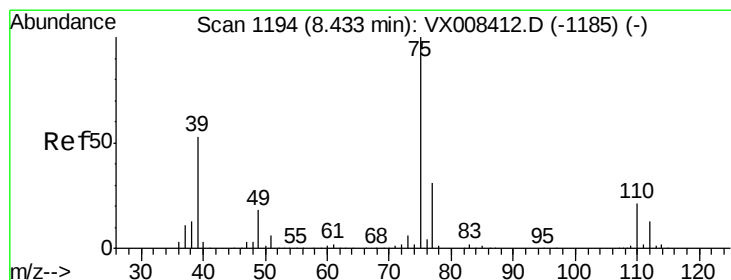
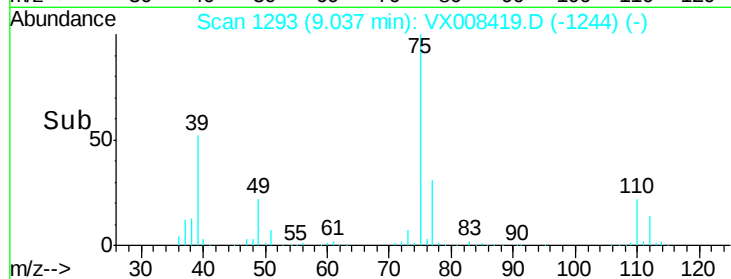
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 58.161 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

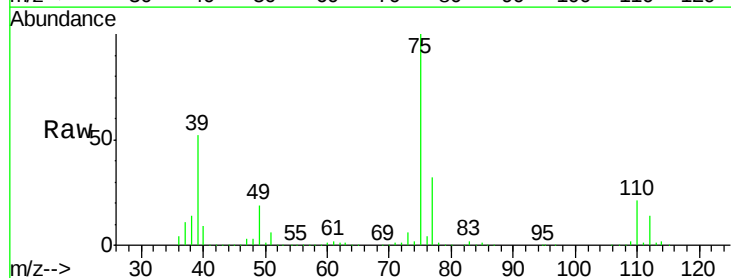
Tgt Ion: 75 Resp: 275516

Ion Ratio Lower Upper

75 100

77 31.7 24.7 37.1

39 52.4 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

200000

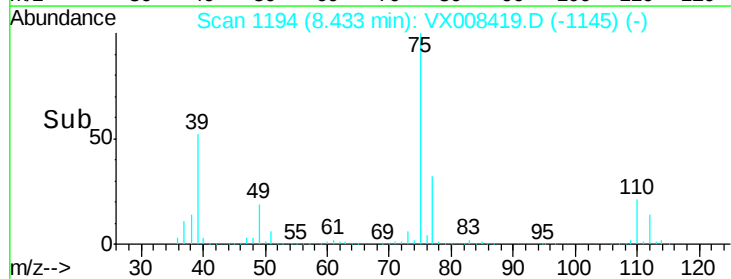
150000

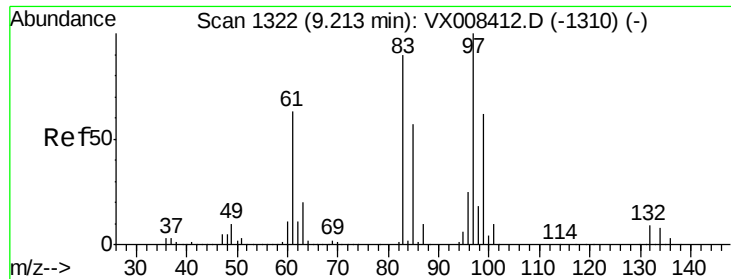
100000

50000

0

Time-->

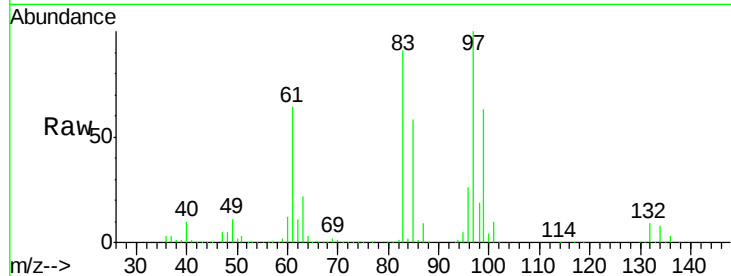




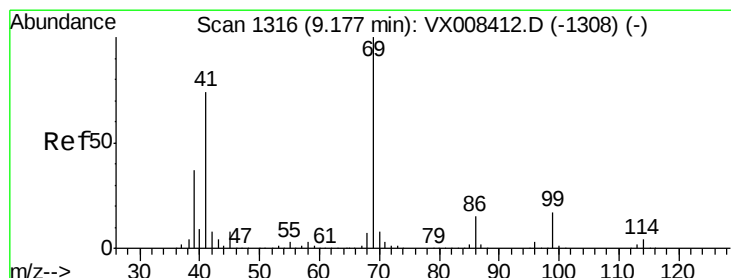
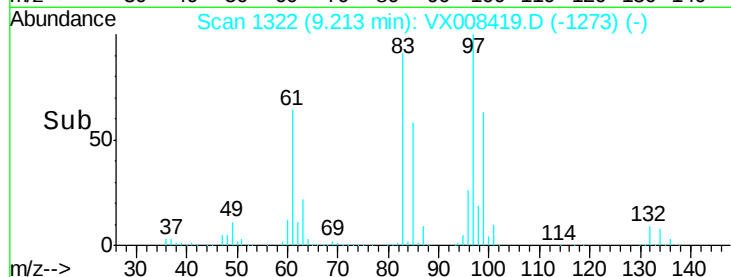
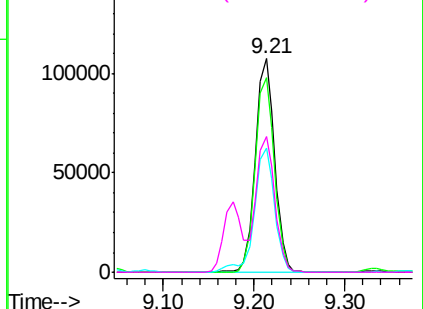
#55
 1,1,2-Trichloroethane
 Concen: 54.319 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008419.D
 Acq: 25 Mar 2019 18:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 158276
 Ion Ratio Lower Upper
 97 100
 83 90.9 71.8 107.6
 85 58.3 45.9 68.9
 99 63.3 49.4 74.0

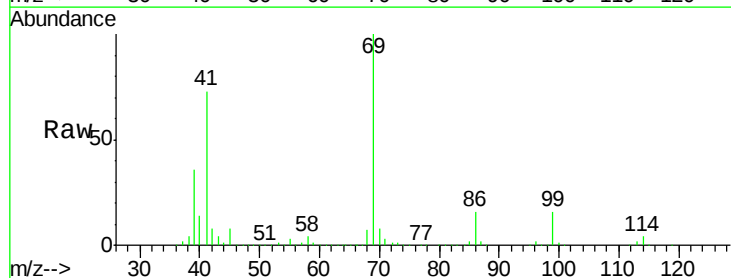


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

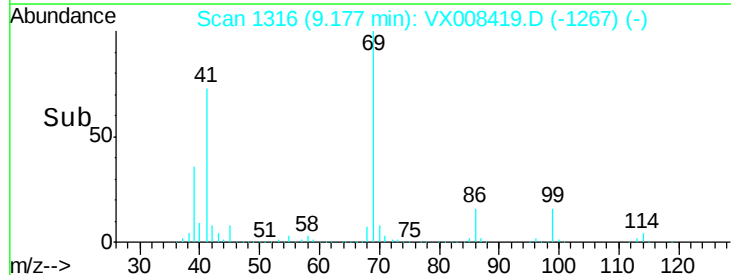
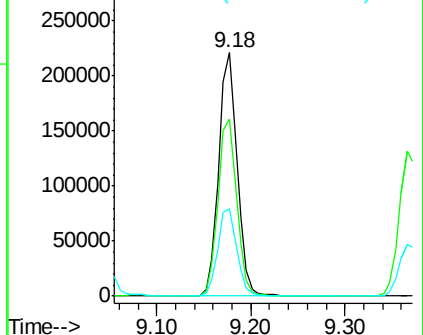


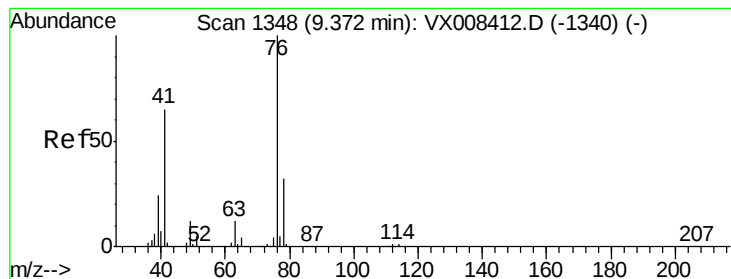
#56
 Ethyl methacrylate
 Concen: 57.529 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008419.D
 Acq: 25 Mar 2019 18:40

Tgt Ion: 69 Resp: 302585
 Ion Ratio Lower Upper
 69 100
 41 74.2 59.5 89.3
 39 36.9 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: 54.152 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA_X

ClientSampleId :

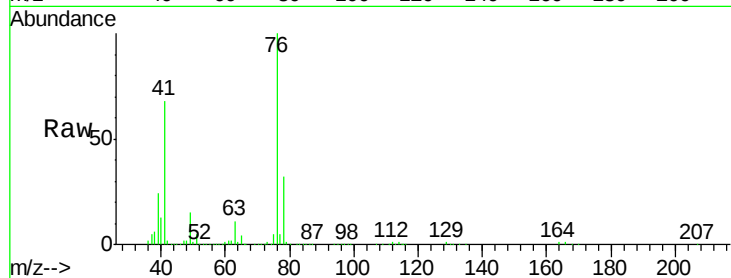
VSTDCCC050

Tot Ion: 76 Resp: 282903

Ion Ratio Lower Upper

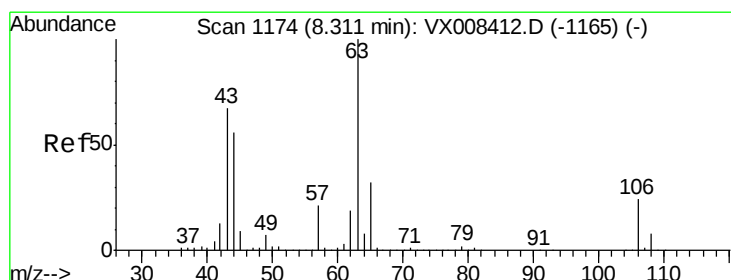
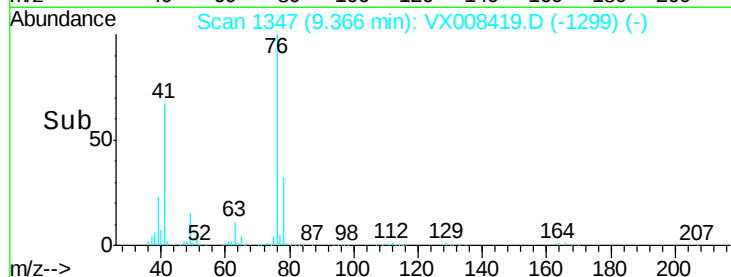
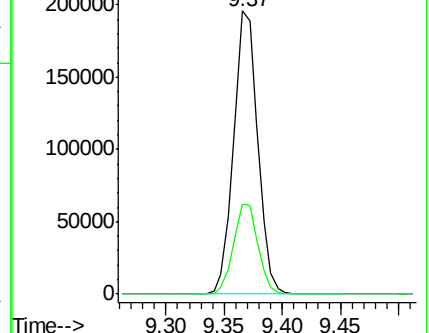
76 100

78 32.5 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 256.439 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008419.D

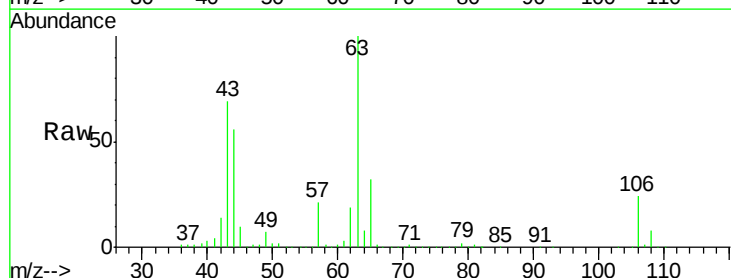
Acq: 25 Mar 2019 18:40

Tgt Ion: 63 Resp: 697215

Ion Ratio Lower Upper

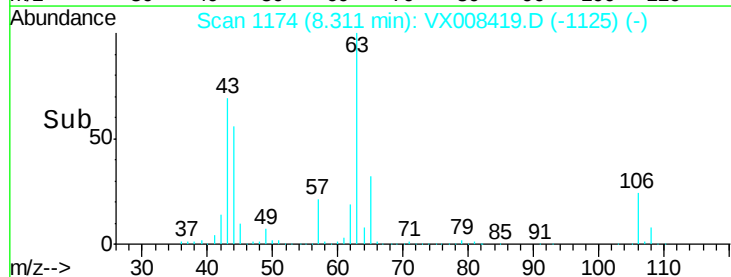
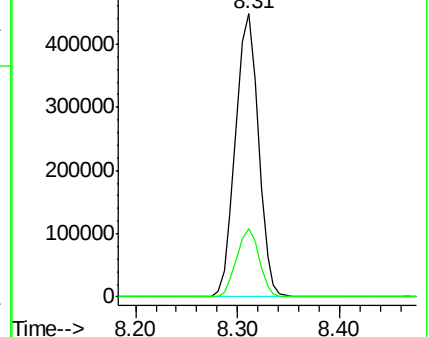
63 100

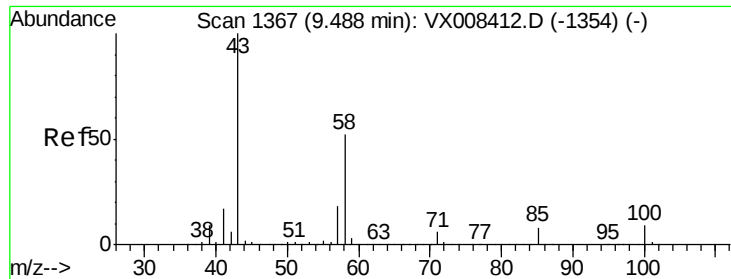
106 23.8 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

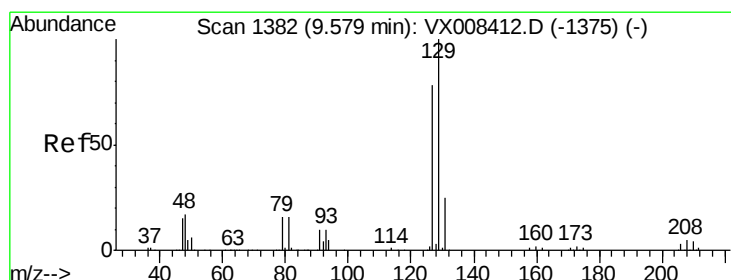
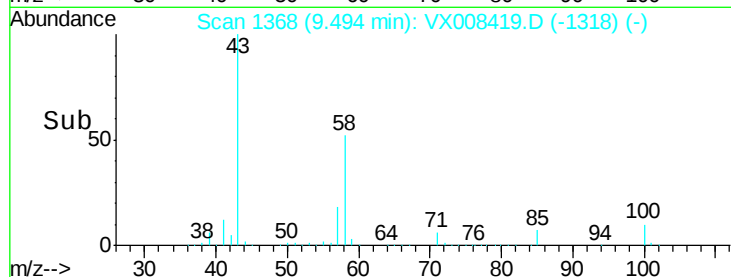
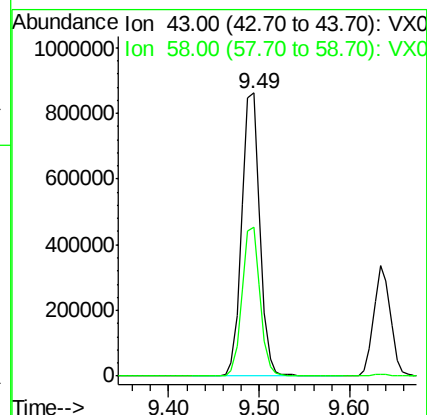
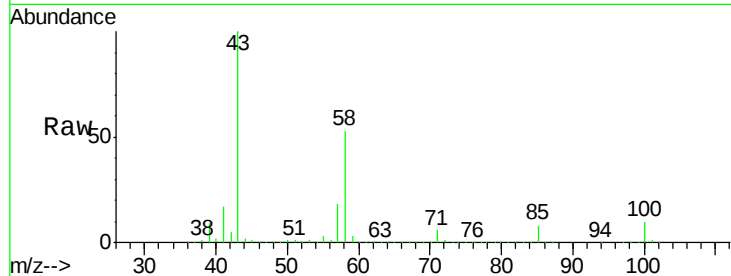




#59
2-Hexanone
Concen: 286.864 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX008419.D
Acq: 25 Mar 2019 18:40

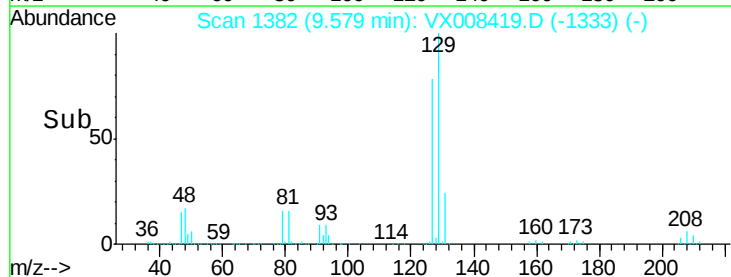
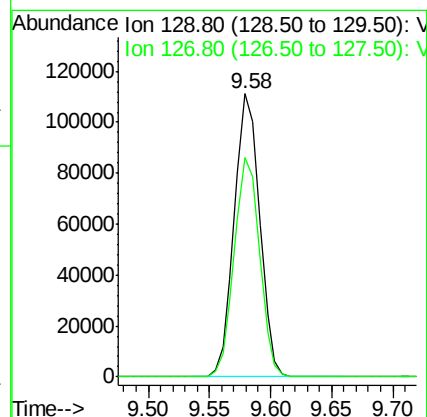
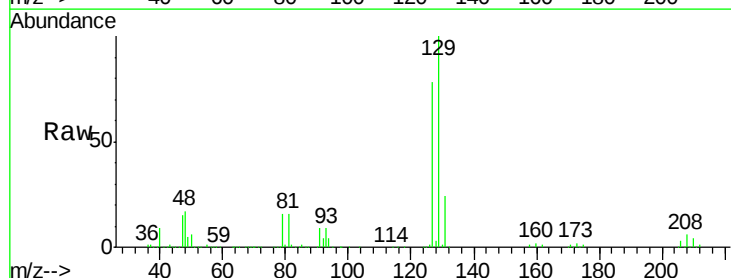
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

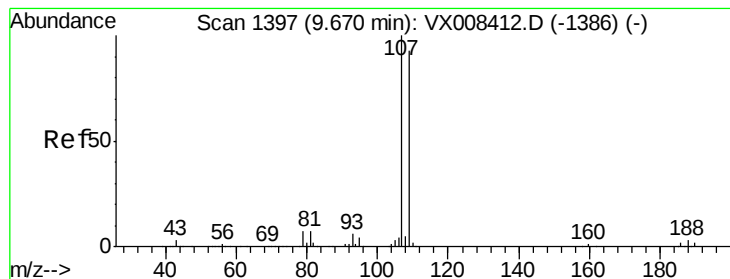
Tot Ion: 43 Resp: 1196275
Ion Ratio Lower Upper
43 100
58 52.2 26.3 78.9



#60
Dibromochloromethane
Concen: 57.705 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008419.D
Acq: 25 Mar 2019 18:40

Tgt Ion: 129 Resp: 159907
Ion Ratio Lower Upper
129 100
127 77.5 38.1 114.3





#61

1,2-Dibromoethane

Concen: 55.127 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA_X

ClientSampleId :

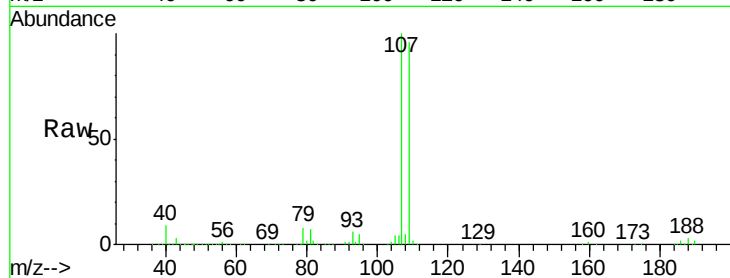
VSTDCCC050

Tot Ion:107 Resp: 163927

Ion Ratio Lower Upper

107 100

109 94.0 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

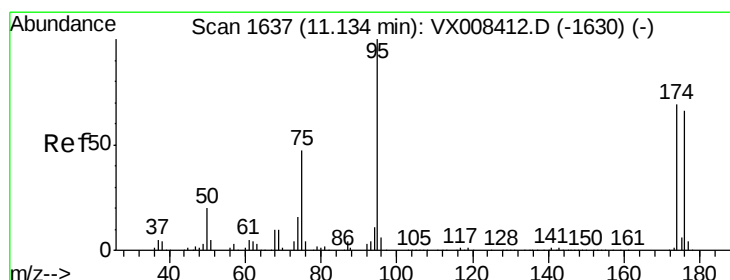
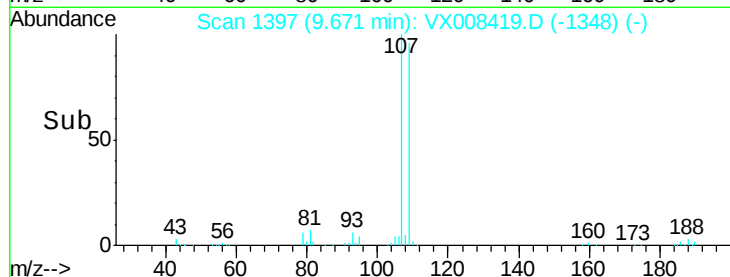
9.67

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 55.875 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

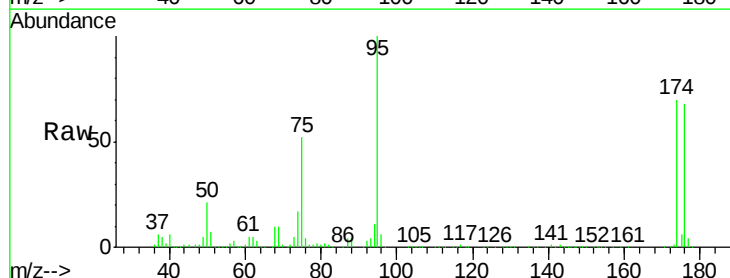
Tgt Ion: 95 Resp: 202465

Ion Ratio Lower Upper

95 100

174 74.2 0.0 147.2

176 71.8 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

11.13

200000

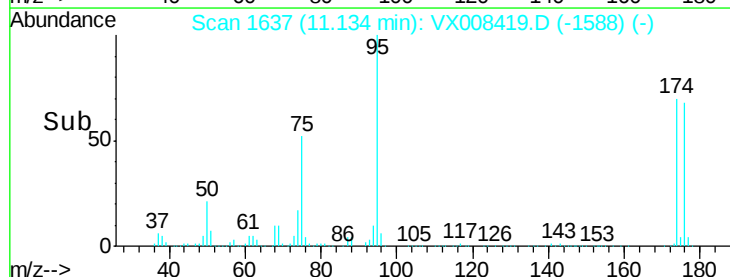
150000

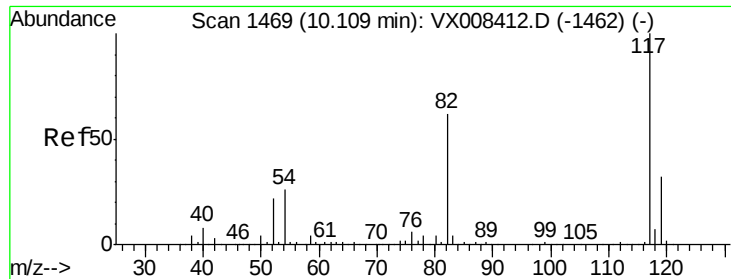
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

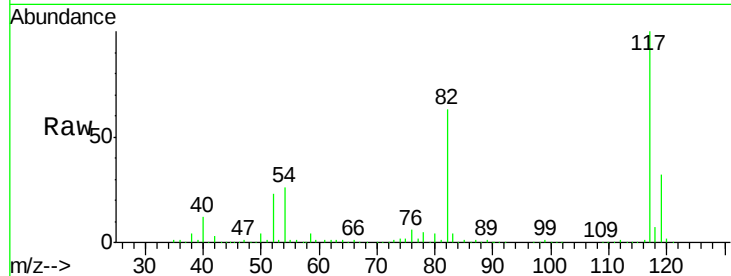
Tot Ion:117 Resp: 341305

Ion Ratio Lower Upper

117 100

82 62.8 49.4 74.2

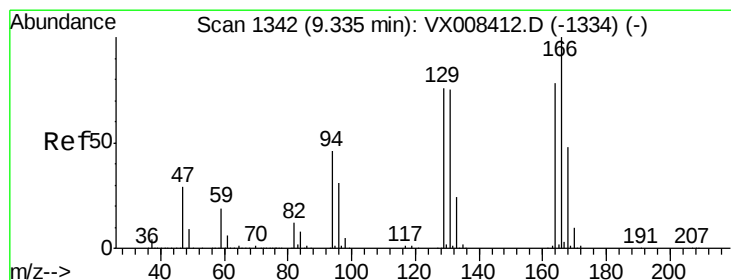
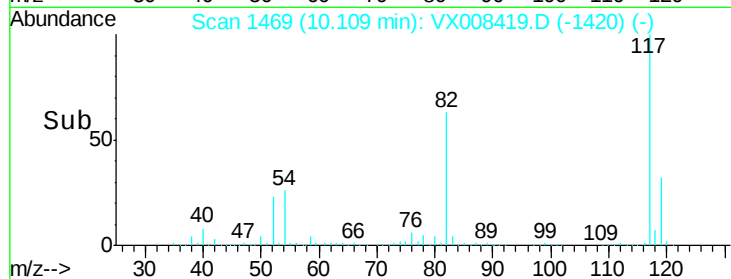
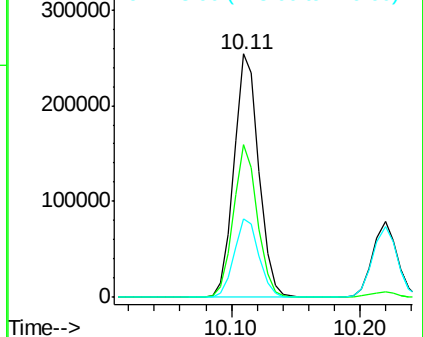
119 32.1 25.4 38.0



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: 54.447 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Tgt Ion:164 Resp: 125807

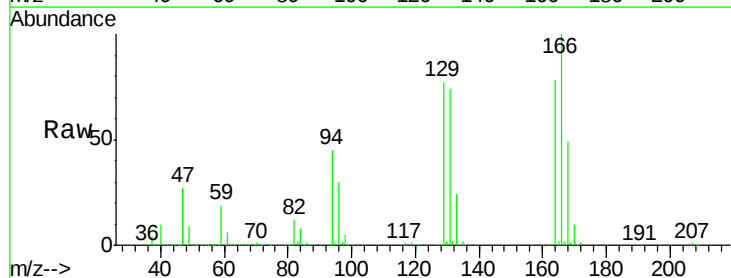
Ion Ratio Lower Upper

164 100

166 128.5 102.5 153.7

129 98.8 77.8 116.8

131 94.7 76.9 115.3

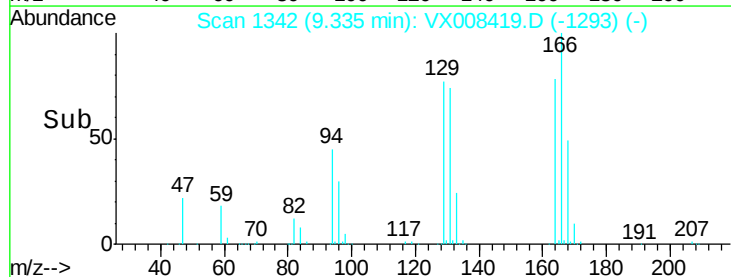
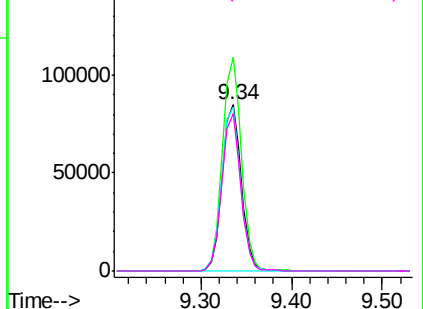


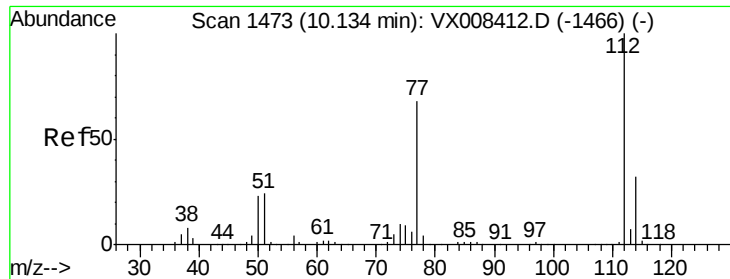
Abundance Ion 163.80 (163.50 to 164.50): V

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

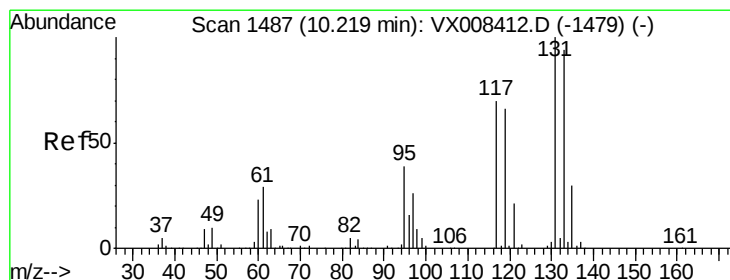
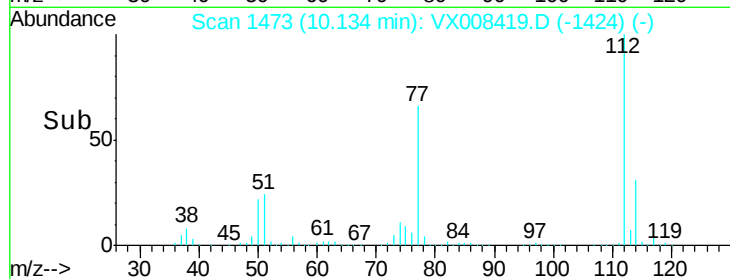
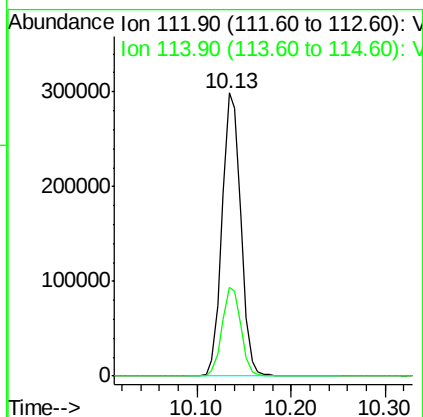
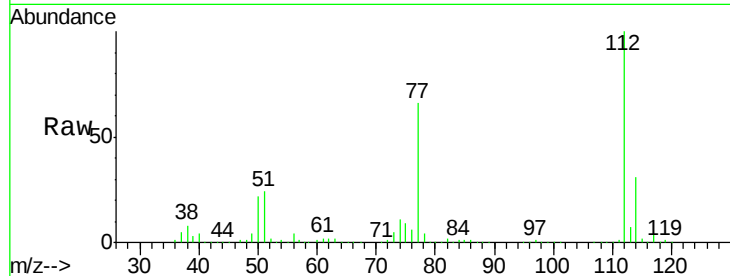




#65
Chlorobenzene
Concen: 55.403 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX008419.D
Acq: 25 Mar 2019 18:40

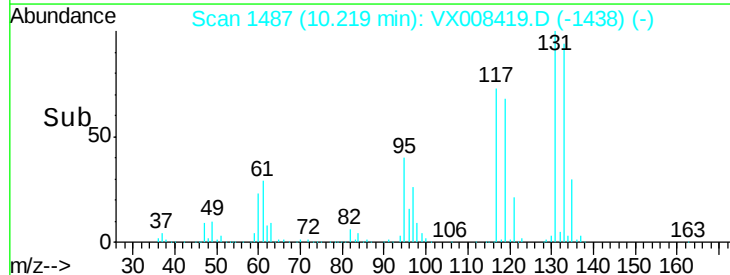
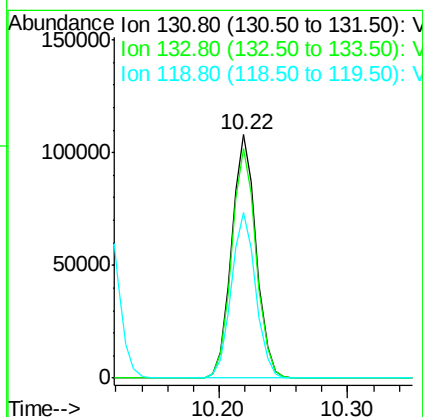
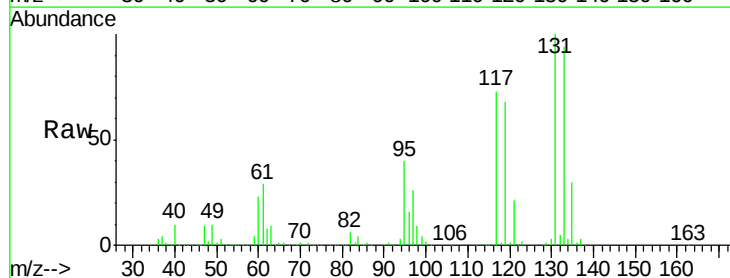
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

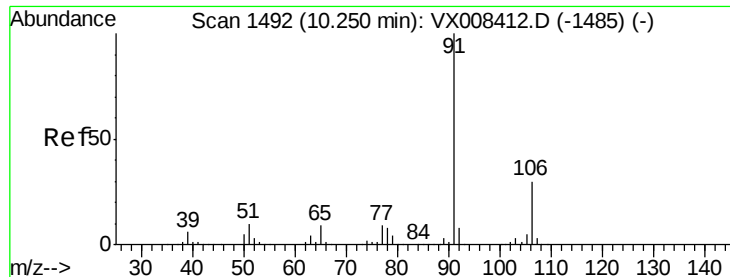
Tot Ion:112 Resp: 411221
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 56.055 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008419.D
Acq: 25 Mar 2019 18:40

Tgt Ion:131 Resp: 143546
Ion Ratio Lower Upper
131 100
133 94.5 47.3 141.8
119 67.9 33.6 100.6





#67

Ethyl Benzene

Concen: 55.608 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA_X

ClientSampleId :

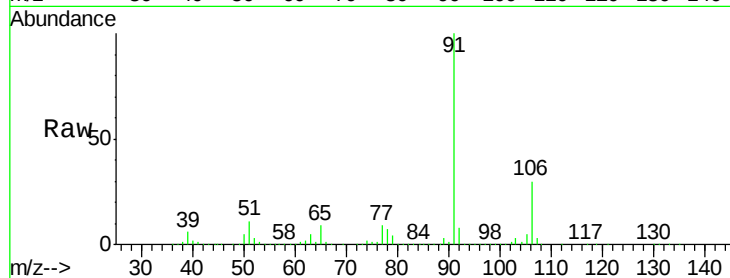
VSTDCCC050

Tot Ion: 91 Resp: 778970

Ion Ratio Lower Upper

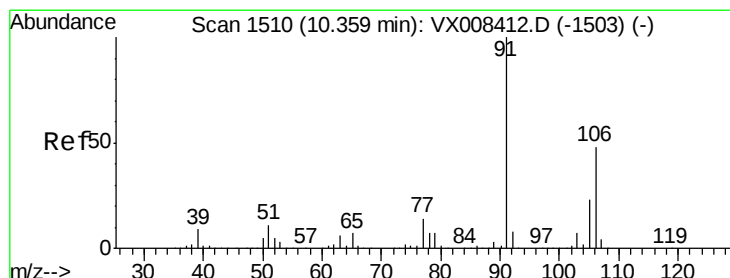
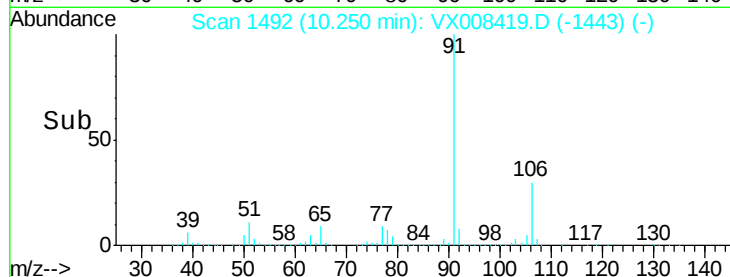
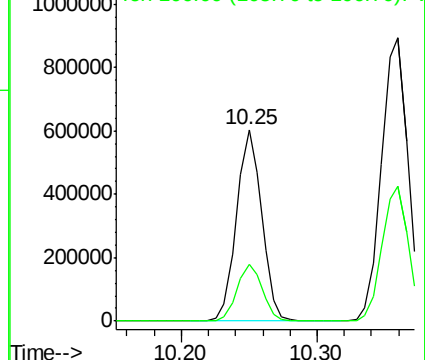
91 100

106 29.7 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: 112.266 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008419.D

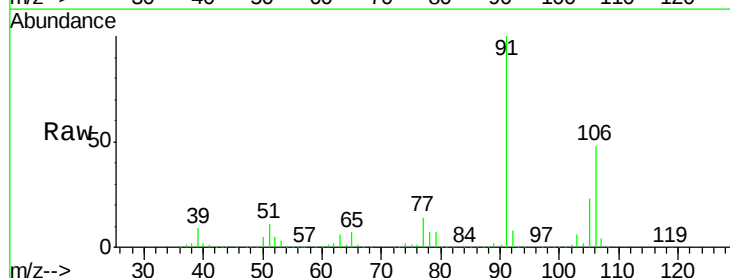
Acq: 25 Mar 2019 18:40

Tgt Ion: 106 Resp: 572115

Ion Ratio Lower Upper

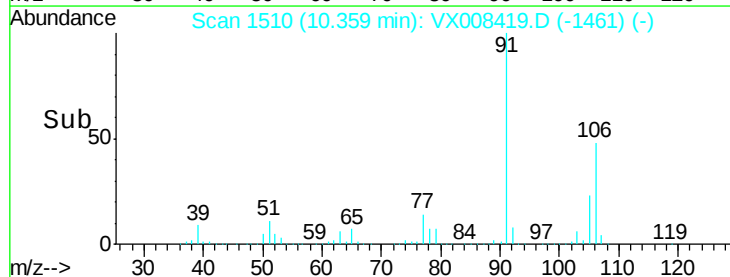
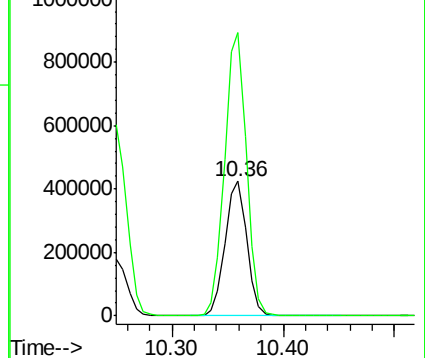
106 100

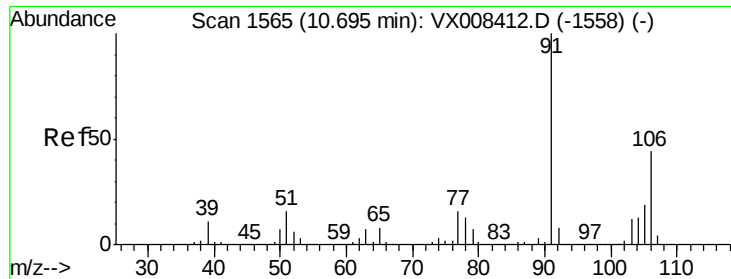
91 211.6 168.6 253.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

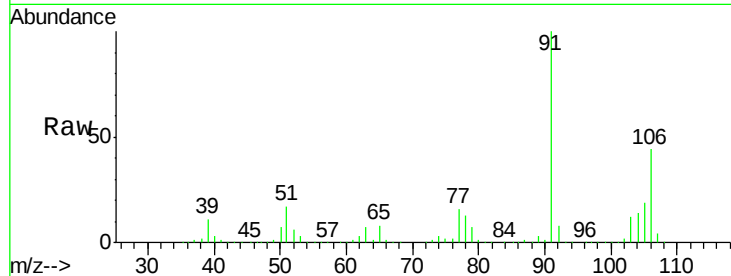




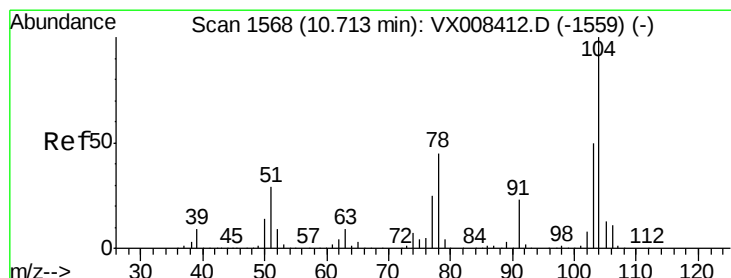
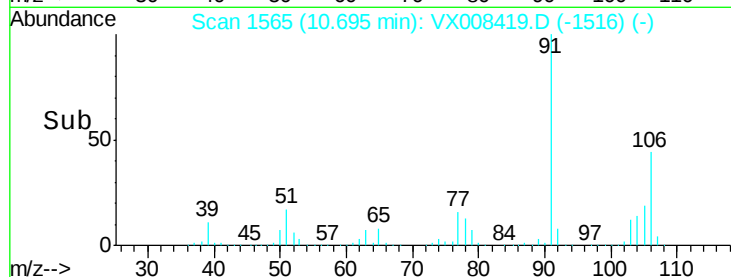
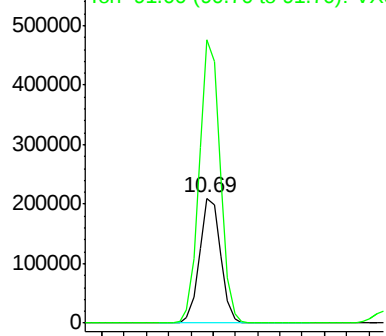
#69
o-Xylene
Concen: 55.677 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008419.D
Acq: 25 Mar 2019 18:40

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 275347
Ion Ratio Lower Upper
106 100
91 224.1 111.4 334.2

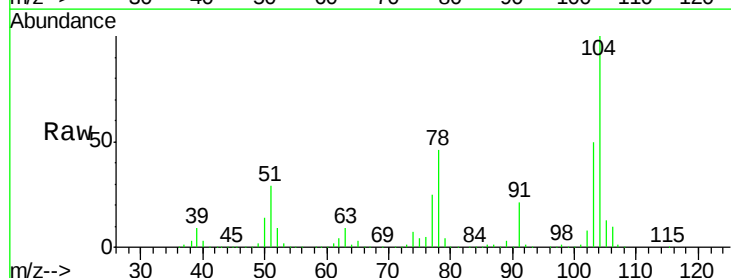


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

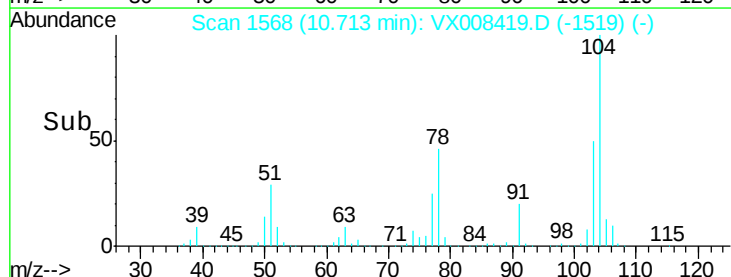
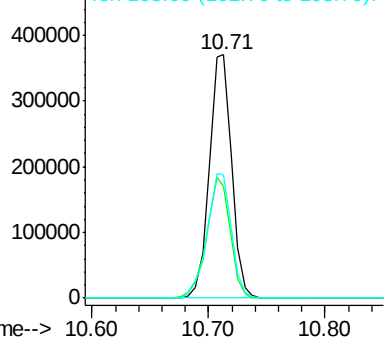


#70
Styrene
Concen: 57.878 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008419.D
Acq: 25 Mar 2019 18:40

Tgt Ion:104 Resp: 494423
Ion Ratio Lower Upper
104 100
78 52.7 42.5 63.7
103 55.0 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: 59.246 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

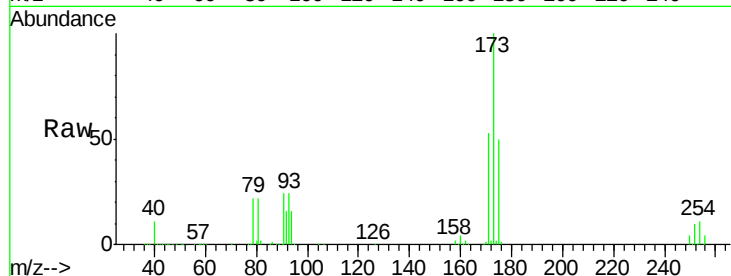
Tot Ion:173 Resp: 119815

Ion Ratio Lower Upper

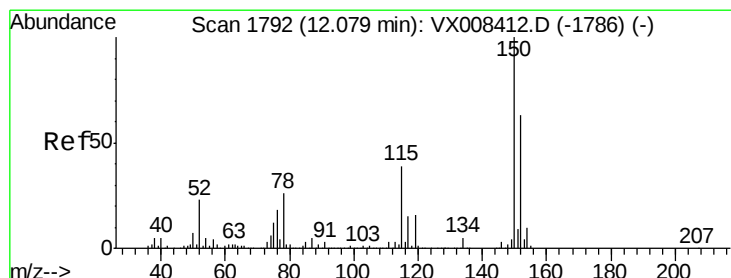
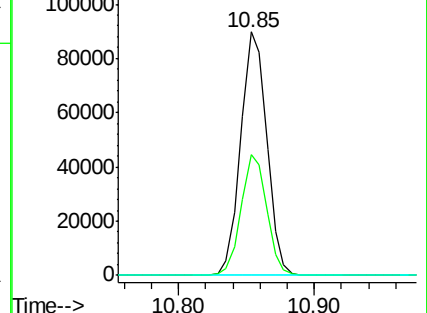
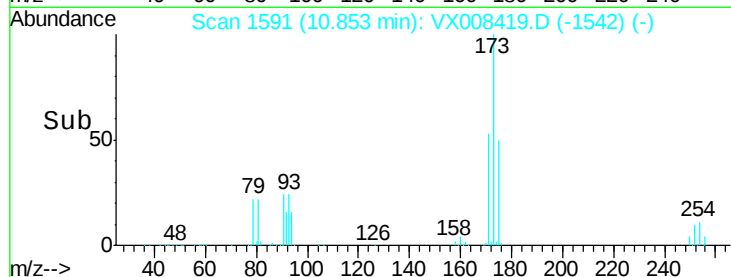
173 100

175 48.7 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: VX008419.D

Acq: 25 Mar 2019 18:40

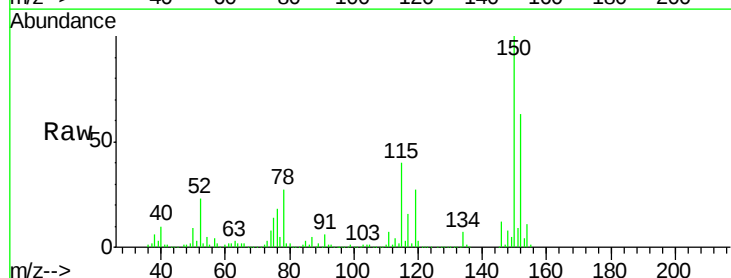
Tgt Ion:152 Resp: 174678

Ion Ratio Lower Upper

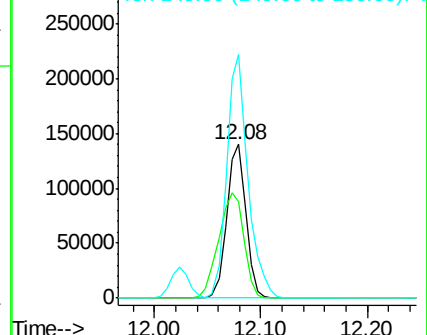
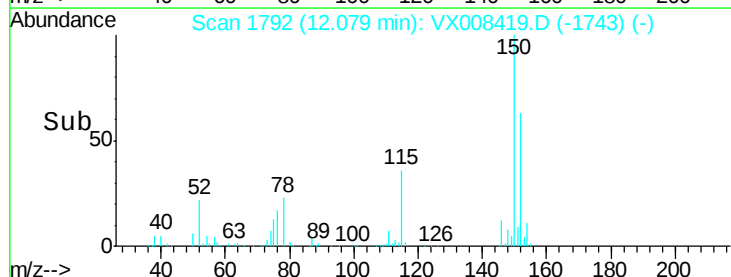
152 100

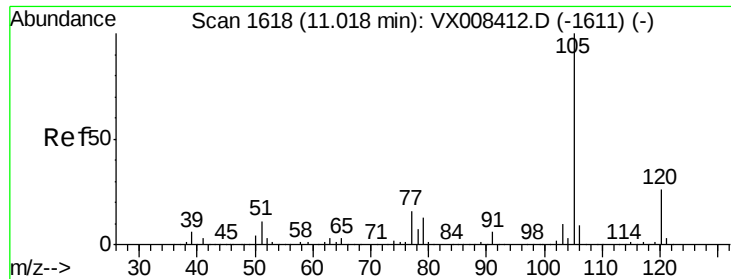
115 89.9 43.5 130.5

150 176.2 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: 52.599 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA_X

ClientSampleId :

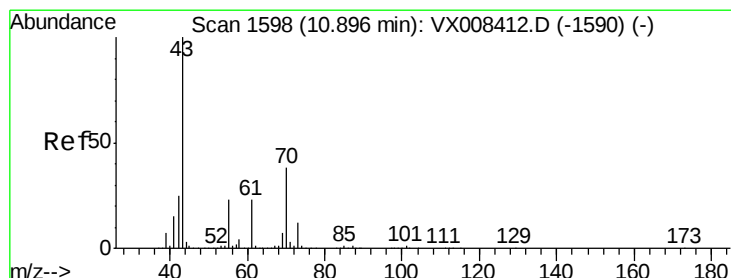
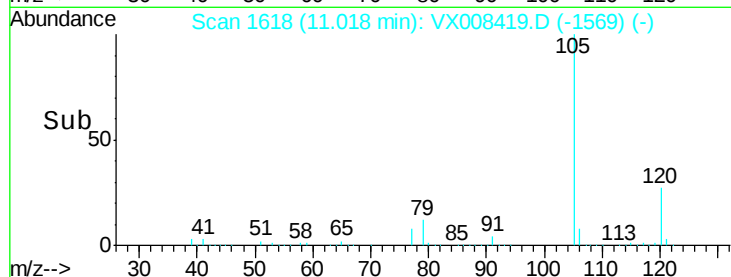
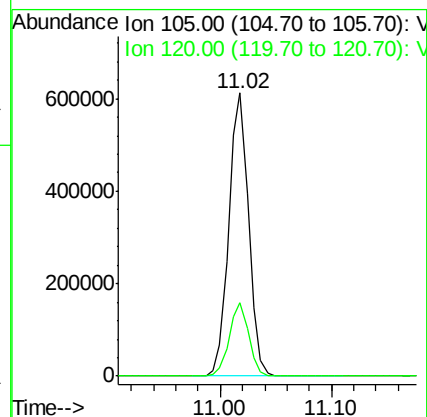
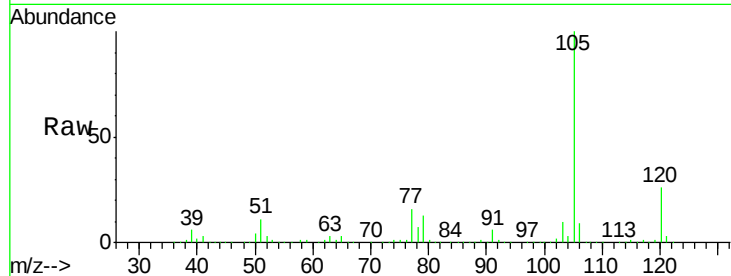
VSTDCCC050

Tot Ion:105 Resp: 747476

Ion Ratio Lower Upper

105 100

120 25.5 12.9 38.7



#74

N-ethyl acetate

Concen: 54.414 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Tgt Ion: 43 Resp: 447576

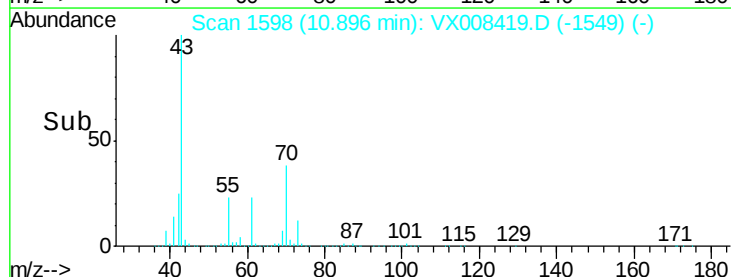
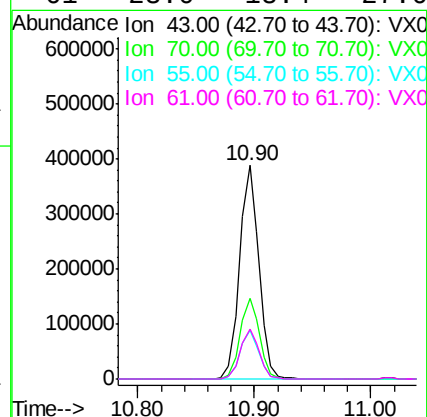
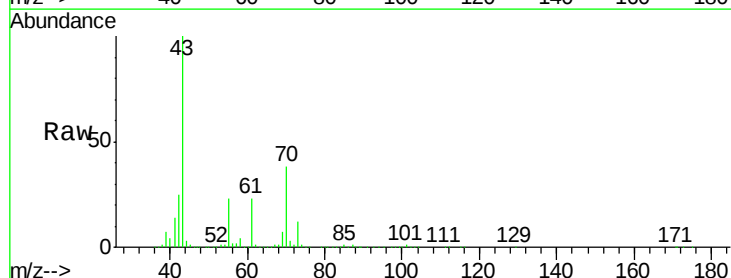
Ion Ratio Lower Upper

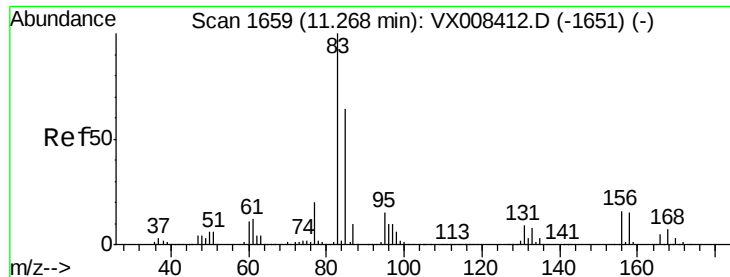
43 100

70 38.1 30.5 45.7

55 22.6 18.2 27.2

61 23.0 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.765 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

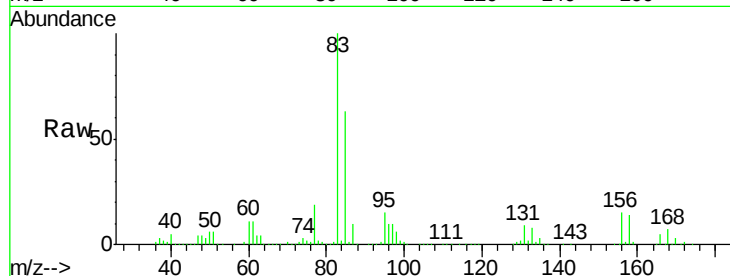
Tot Ion: 83 Resp: 279906

Ion	Ratio	Lower	Upper
83	100		
131	9.1	4.5	13.4
85	63.6	31.9	95.9

83 100

131 9.1 4.5 13.4

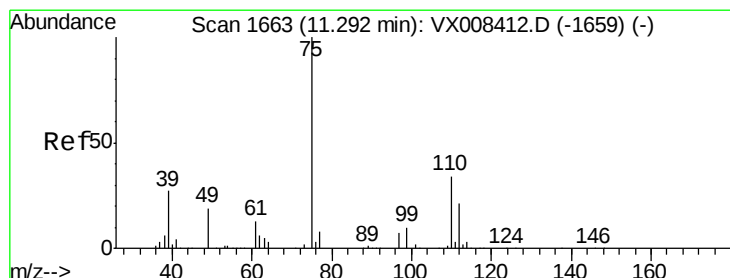
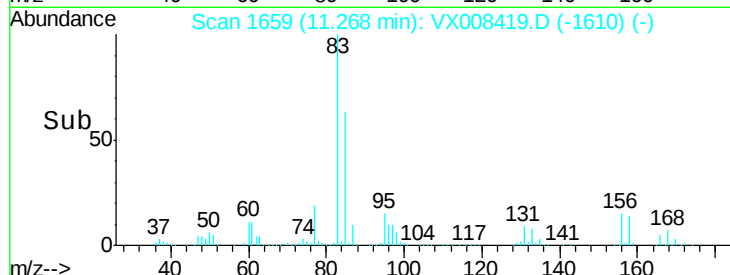
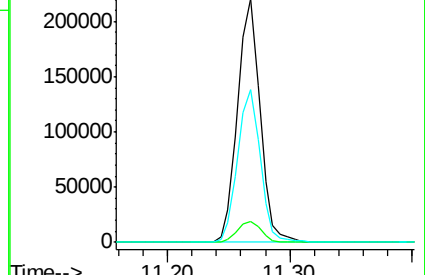
85 63.6 31.9 95.9



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: 62.880 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX008419.D

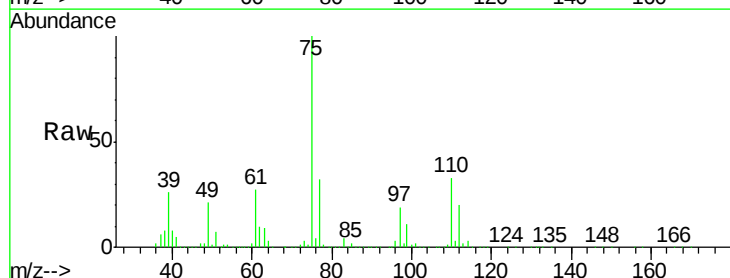
Acq: 25 Mar 2019 18:40

Tgt Ion: 75 Resp: 326540

Ion	Ratio	Lower	Upper
75	100		
77	31.8	21.9	65.7

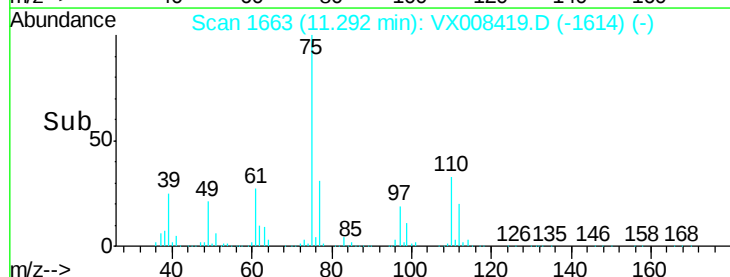
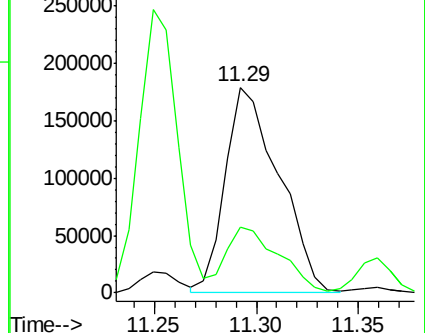
75 100

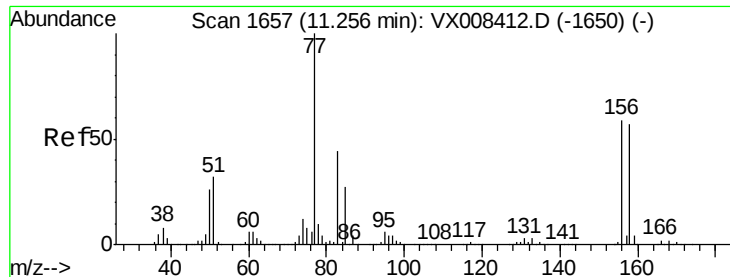
77 31.8 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.020 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

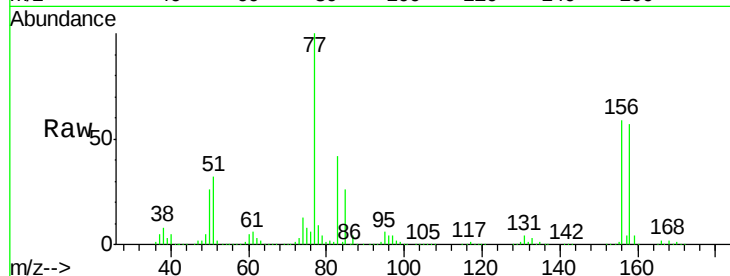
Tot Ion:156 Resp: 175969

Ion Ratio Lower Upper

156 100

77 182.5 91.1 273.3

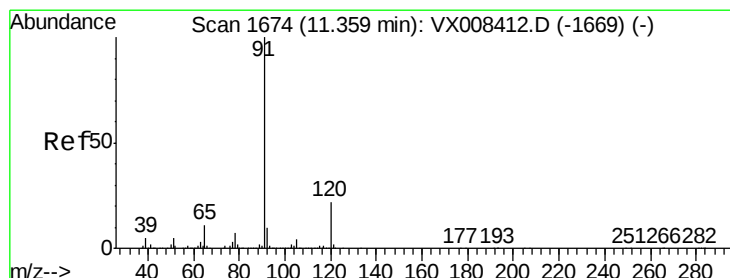
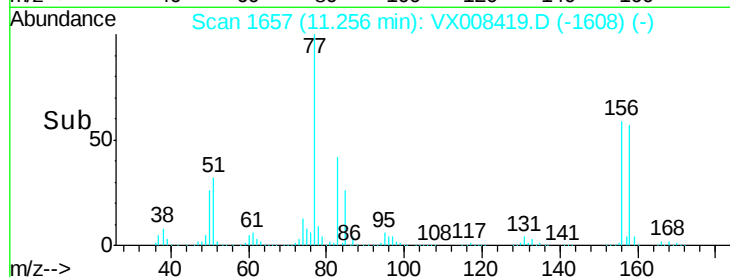
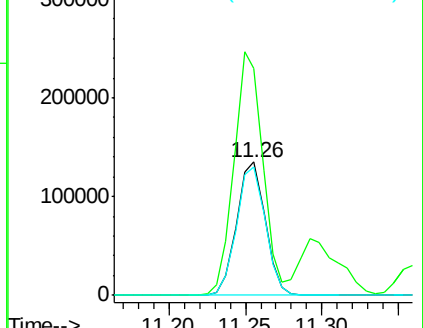
158 96.9 48.3 144.8



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: 54.695 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008419.D

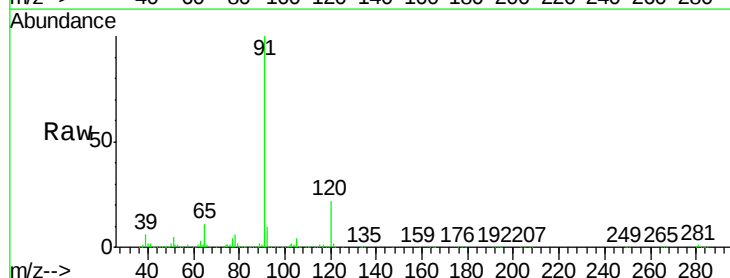
Acq: 25 Mar 2019 18:40

Tgt Ion: 91 Resp: 910519

Ion Ratio Lower Upper

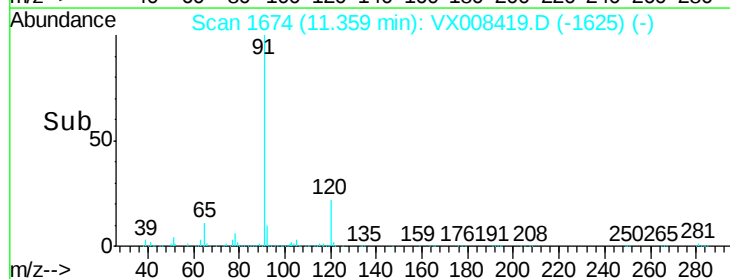
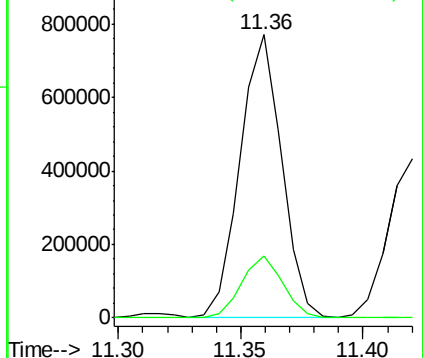
91 100

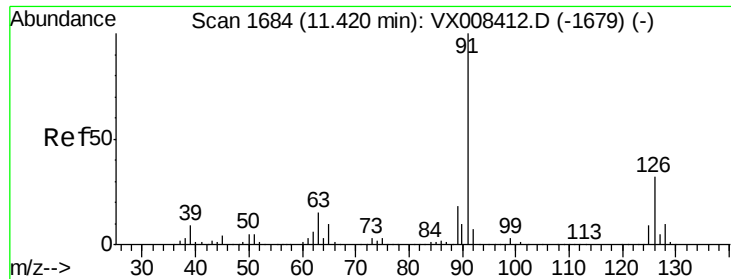
120 21.8 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.045 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA_X

ClientSampleId :

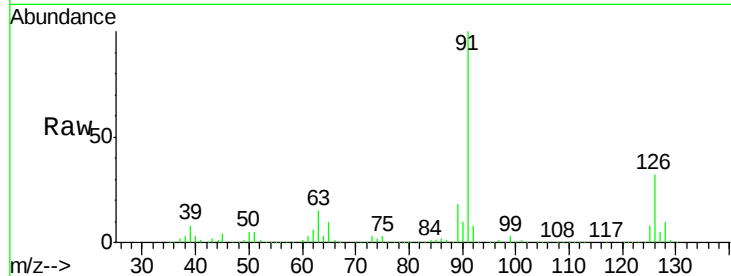
VSTDCCC050

Tot Ion: 91 Resp: 526976

Ion Ratio Lower Upper

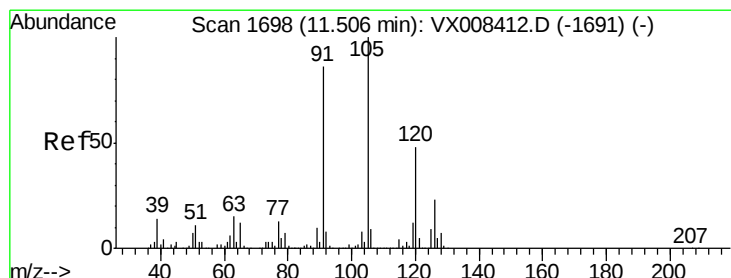
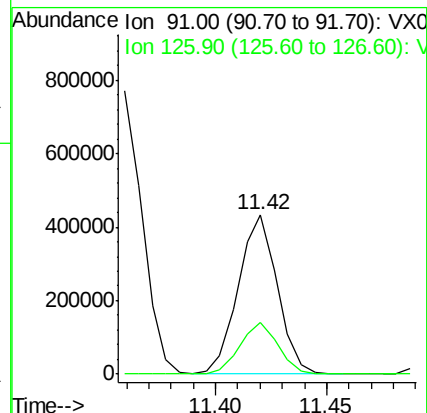
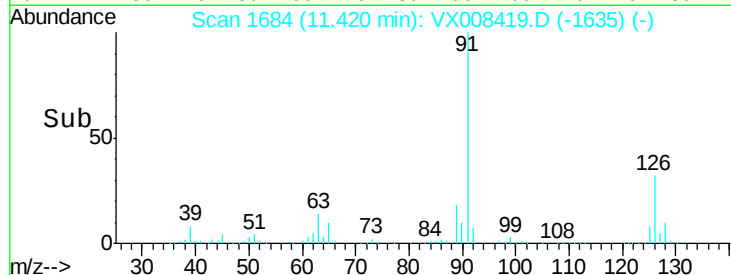
91 100

126 32.0 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: 53.819 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008419.D

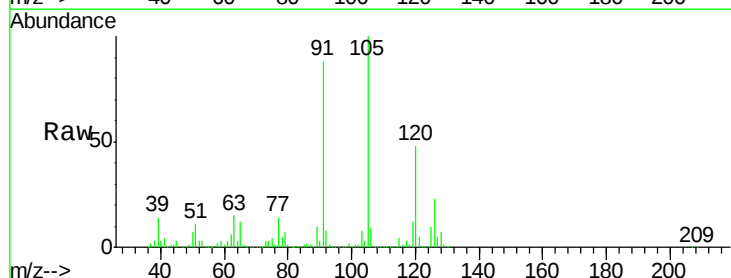
Acq: 25 Mar 2019 18:40

Tgt Ion:105 Resp: 646591

Ion Ratio Lower Upper

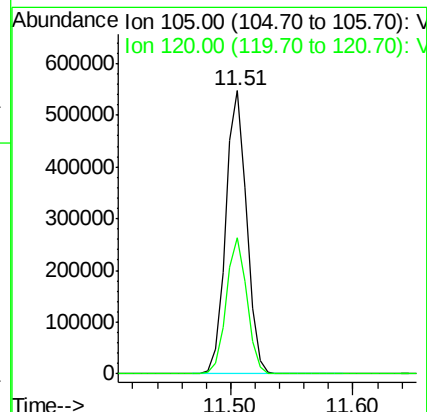
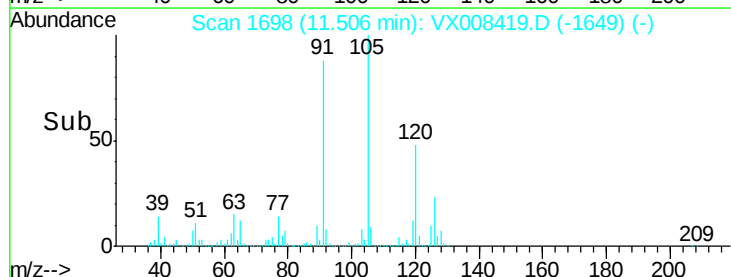
105 100

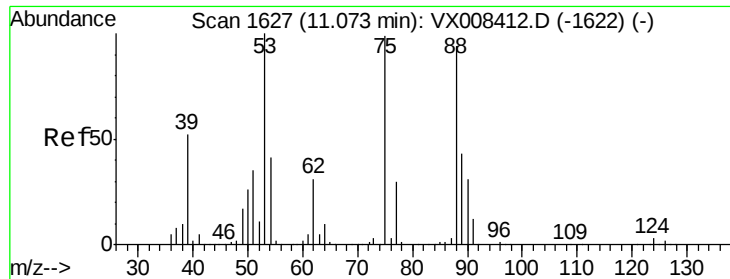
120 47.6 23.4 70.3



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: 58.684 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

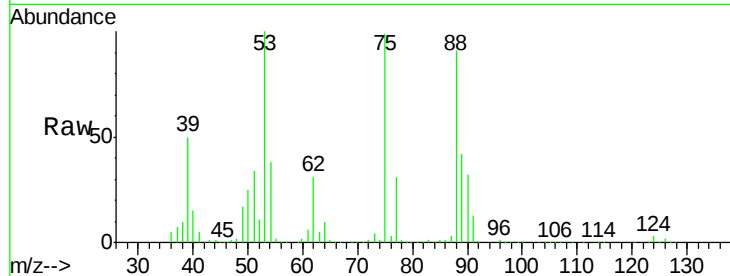
Tot Ion: 75 Resp: 95149

Ion Ratio Lower Upper

75 100

53 102.2 82.1 123.1

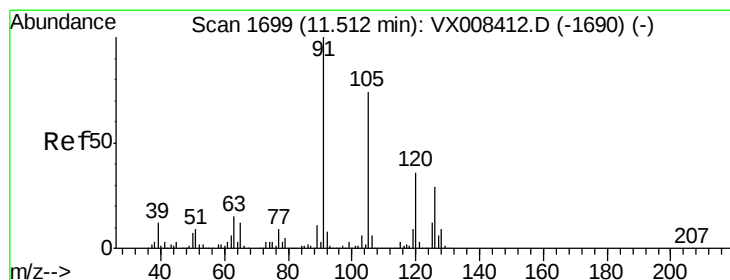
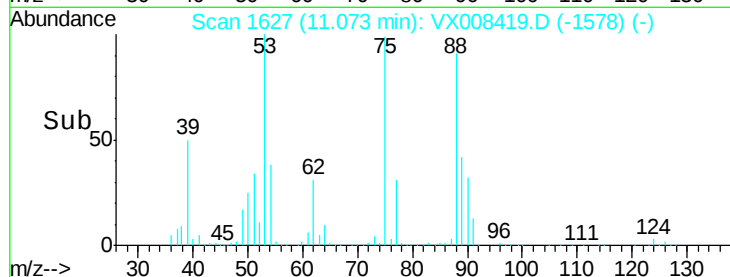
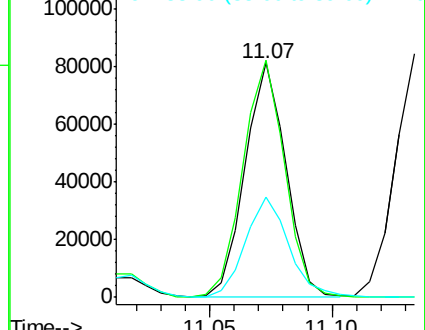
89 45.7 34.6 52.0



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: 53.700 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008419.D

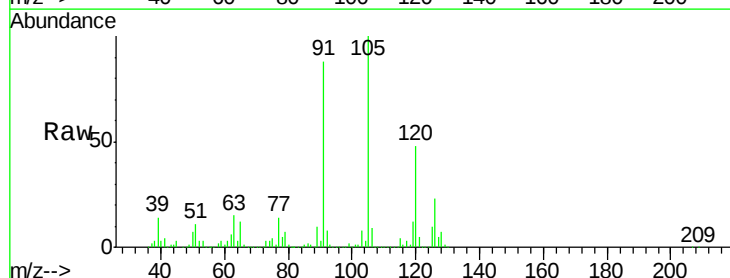
Acq: 25 Mar 2019 18:40

Tgt Ion: 91 Resp: 627194

Ion Ratio Lower Upper

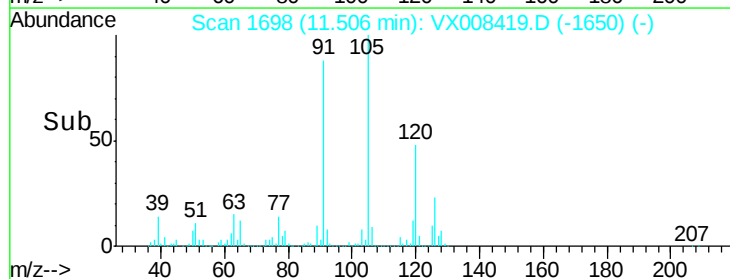
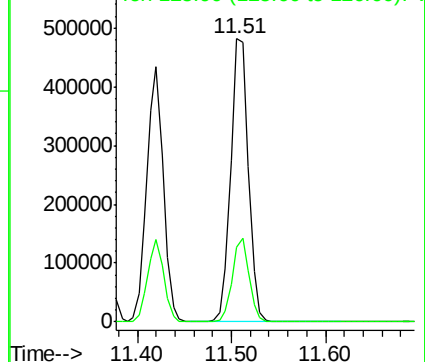
91 100

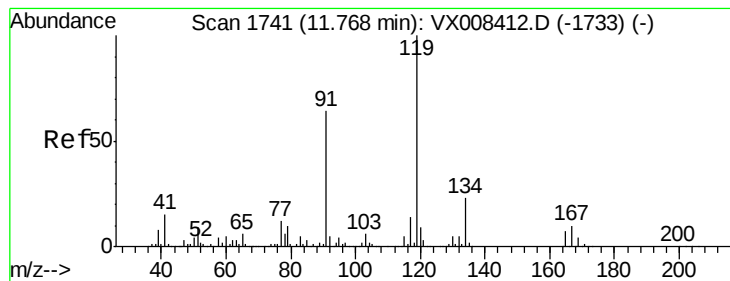
126 28.0 13.9 41.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 53.959 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

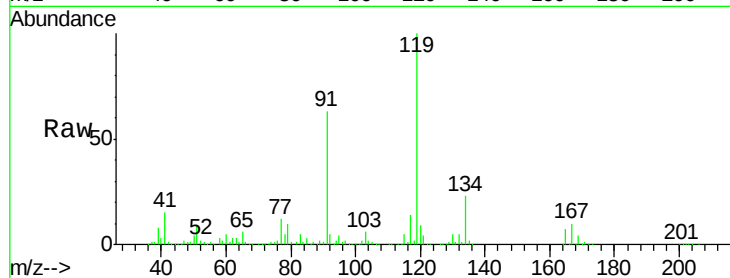
Tot Ion:119 Resp: 625460

Ion Ratio Lower Upper

119 100

91 59.6 30.1 90.3

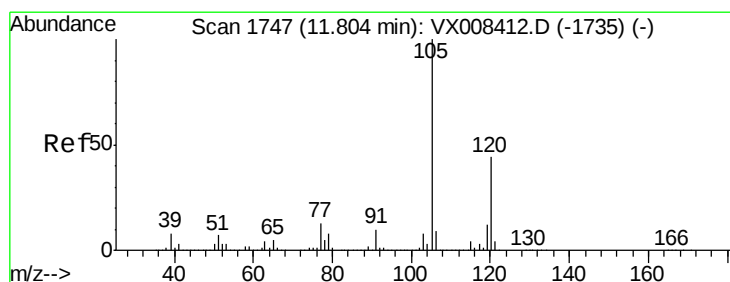
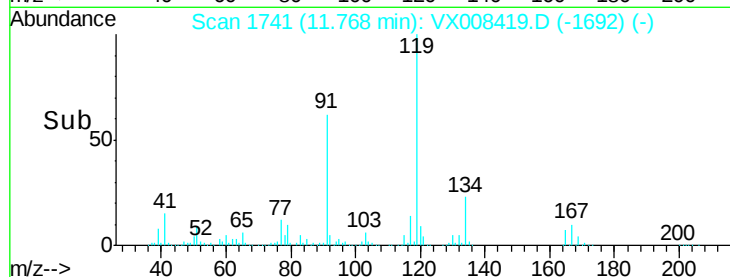
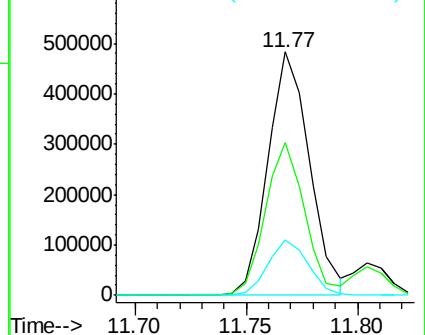
134 22.0 10.9 32.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.618 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX008419.D

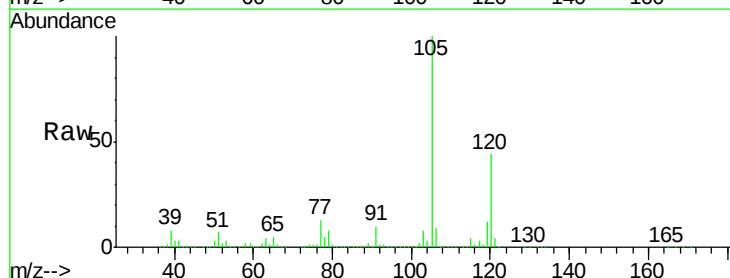
Acq: 25 Mar 2019 18:40

Tgt Ion:105 Resp: 651554

Ion Ratio Lower Upper

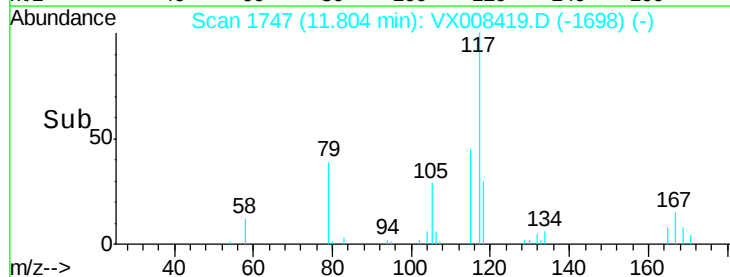
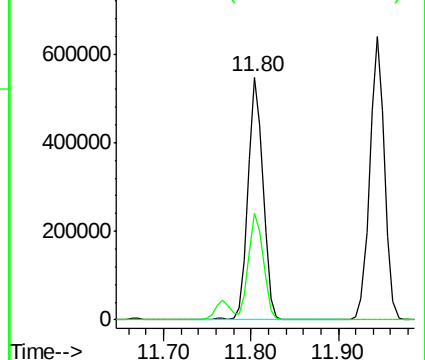
105 100

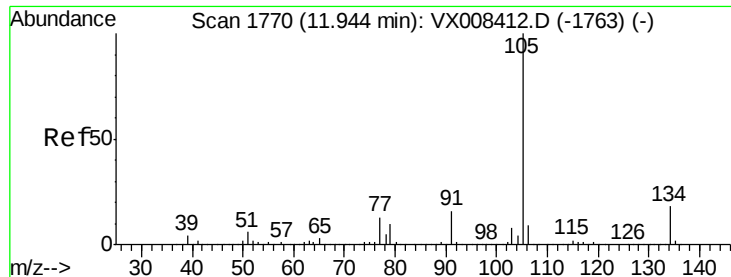
120 43.2 21.6 65.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 54.866 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA_X

ClientSampleId :

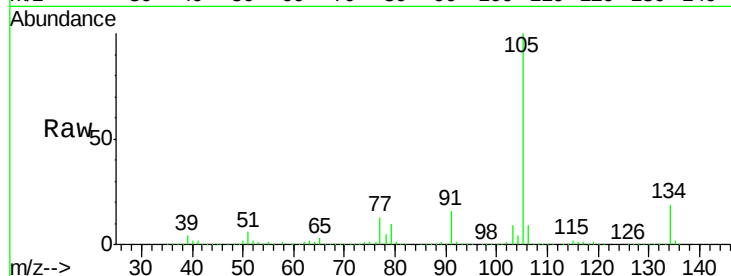
VSTDCCC050

Tot Ion:105 Resp: 757345

Ion Ratio Lower Upper

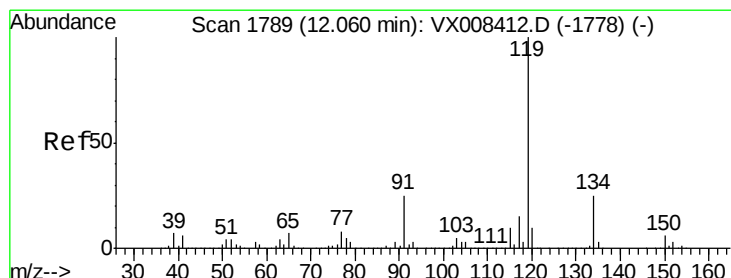
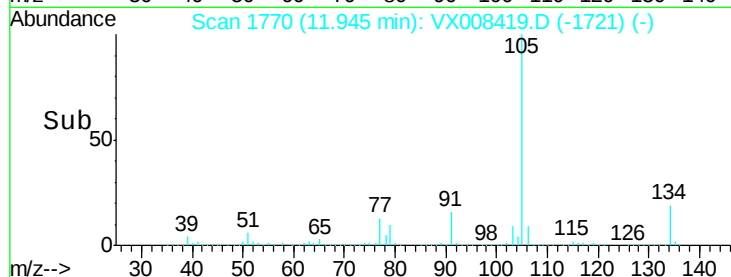
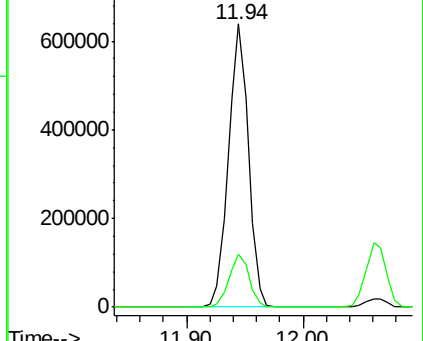
105 100

134 19.0 9.3 28.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.360 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

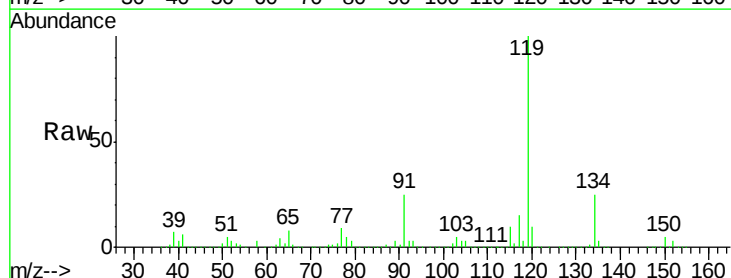
Tgt Ion:119 Resp: 686472

Ion Ratio Lower Upper

119 100

134 25.8 12.8 38.4

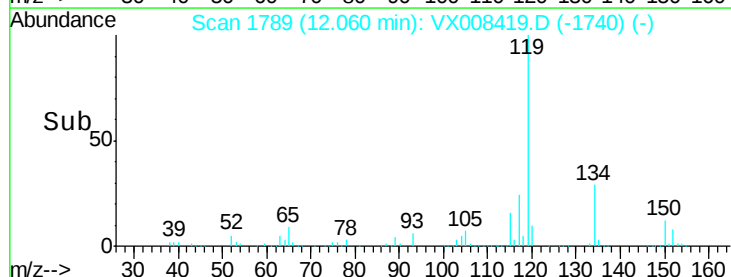
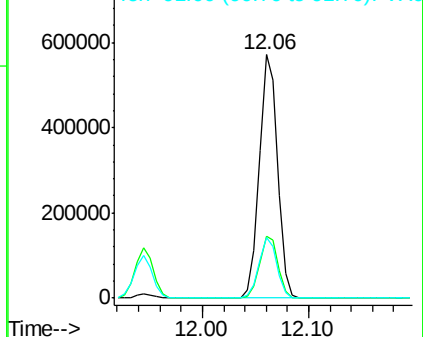
91 24.6 12.4 37.0

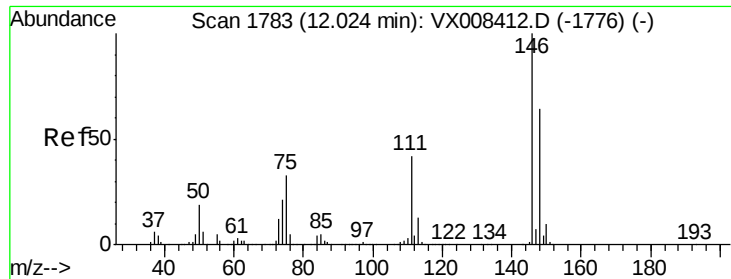


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 53.703 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

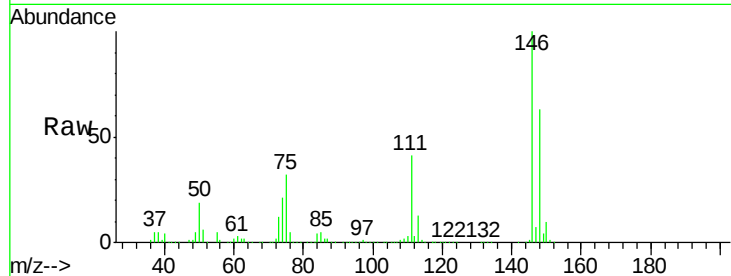
Tot Ion:146 Resp: 330937

Ion Ratio Lower Upper

146 100

111 41.7 20.8 62.5

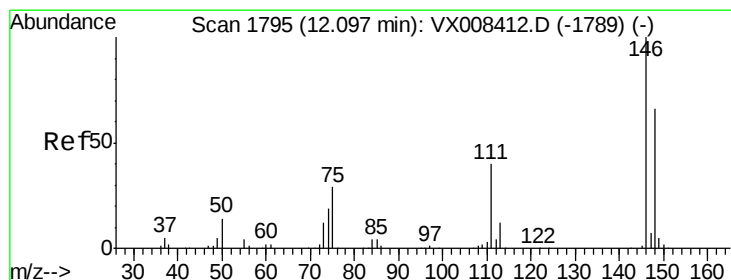
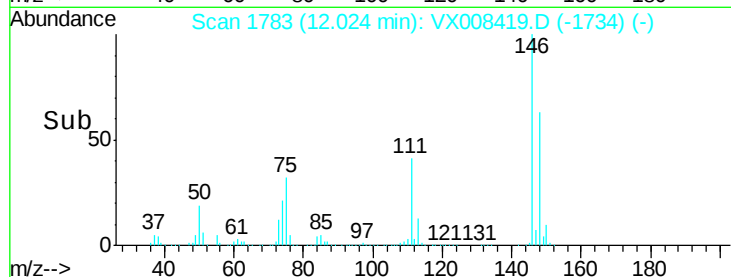
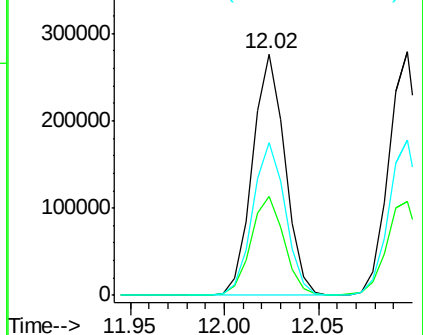
148 63.7 32.0 96.0



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: 53.677 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

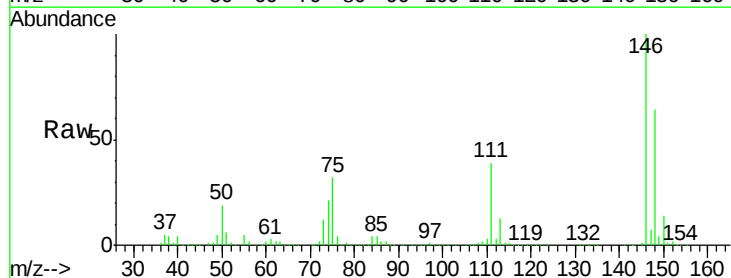
Tgt Ion:146 Resp: 333829

Ion Ratio Lower Upper

146 100

111 40.3 20.3 61.0

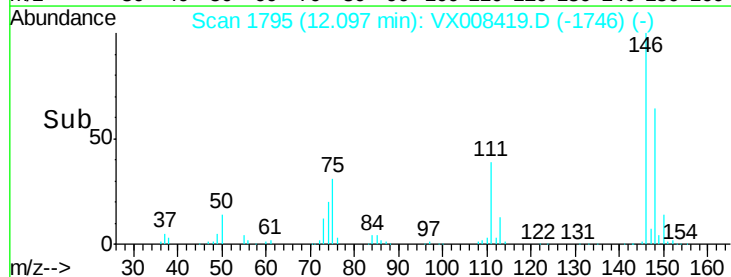
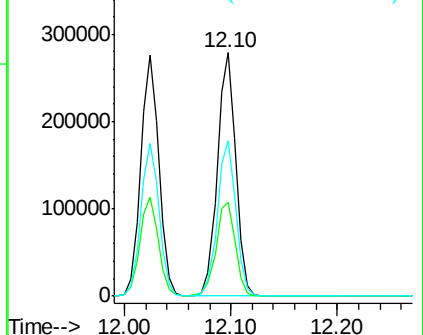
148 64.3 32.1 96.5

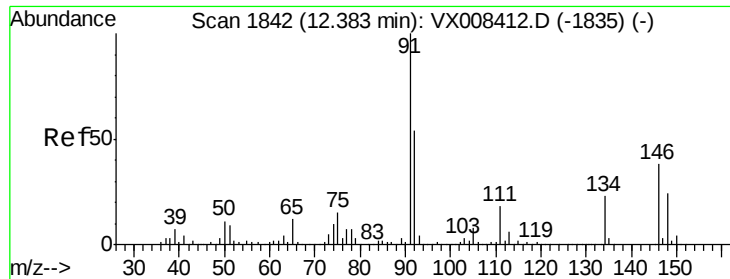


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

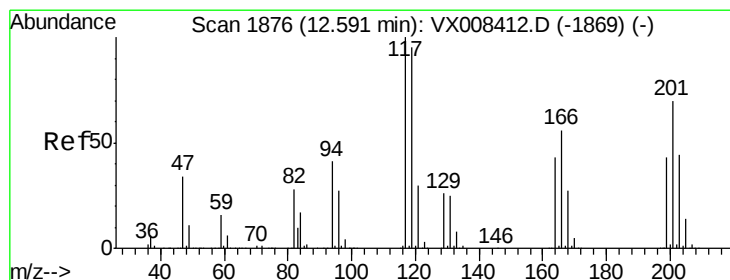
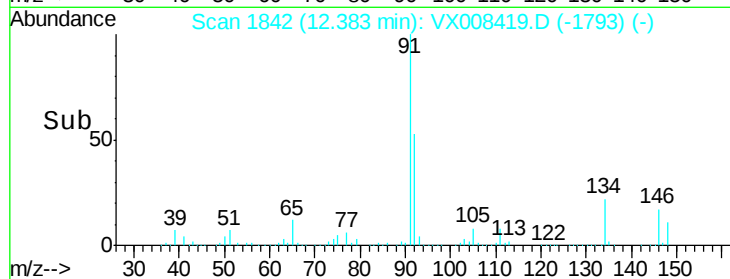
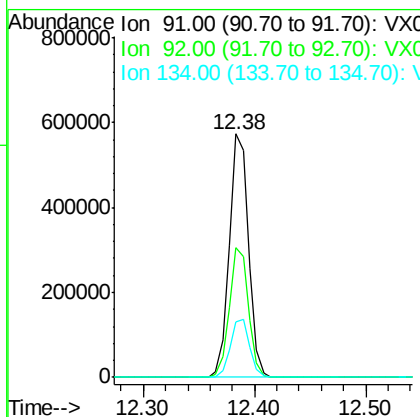
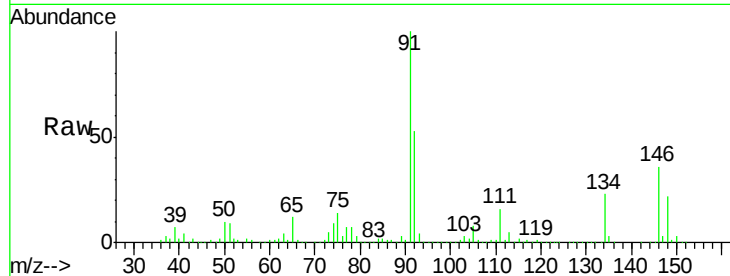




#89
n-Butylbenzene
Concen: 58.844 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008419.D
Acq: 25 Mar 2019 18:40

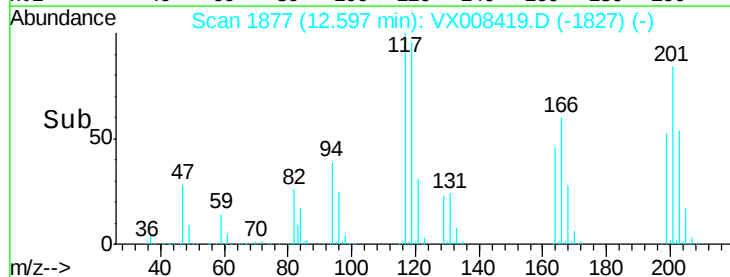
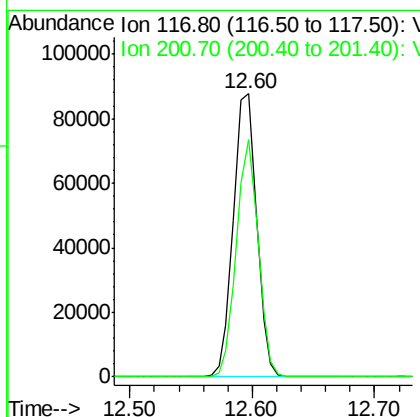
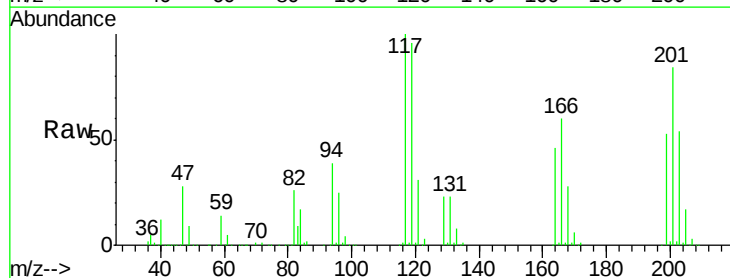
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

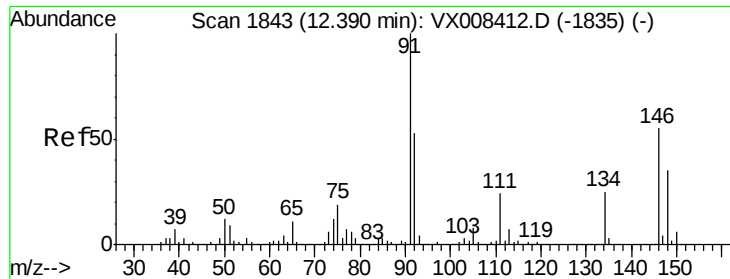
Tot Ion: 91 Resp: 678956
Ion Ratio Lower Upper
91 100
92 53.1 26.5 79.5
134 23.8 11.8 35.4



#90
Hexachloroethane
Concen: 56.828 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX008419.D
Acq: 25 Mar 2019 18:40

Tgt Ion: 117 Resp: 115313
Ion Ratio Lower Upper
117 100
201 78.3 39.4 118.1

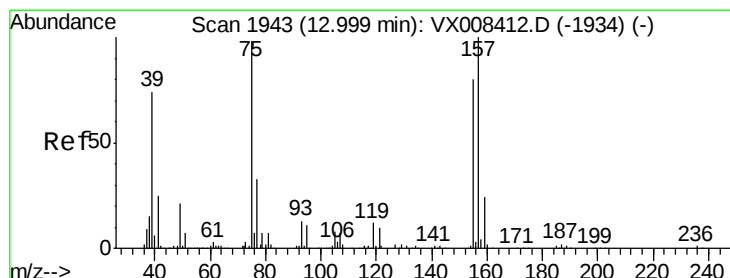
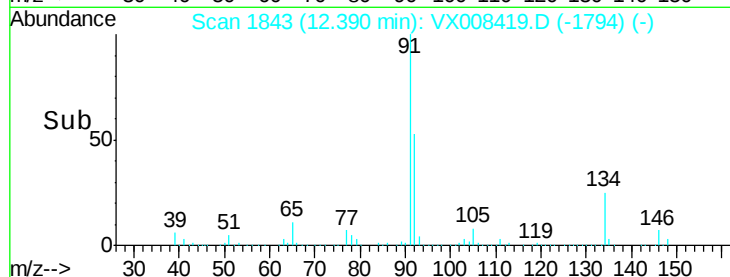
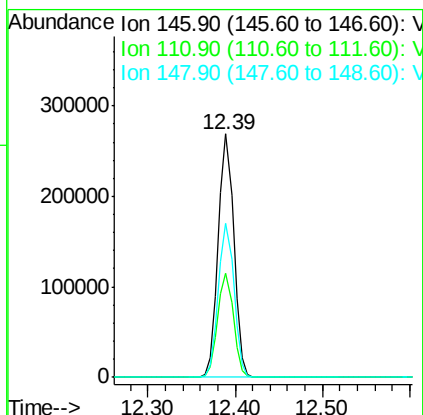
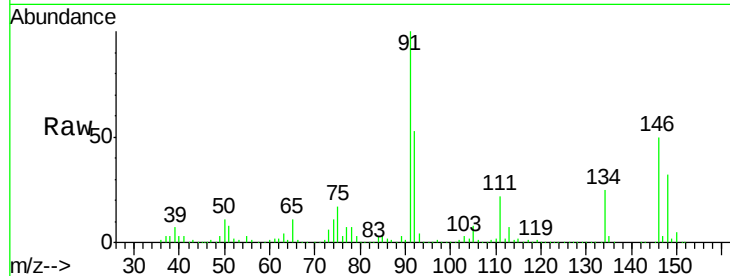




#91
 1,2-Dichlorobenzene
 Concen: 53.438 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008419.D
 Acq: 25 Mar 2019 18:40

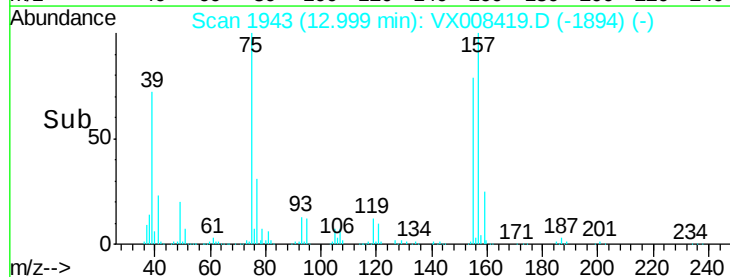
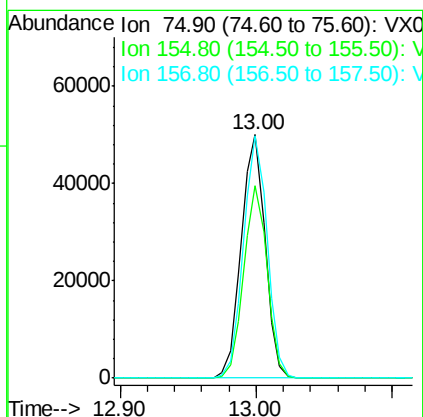
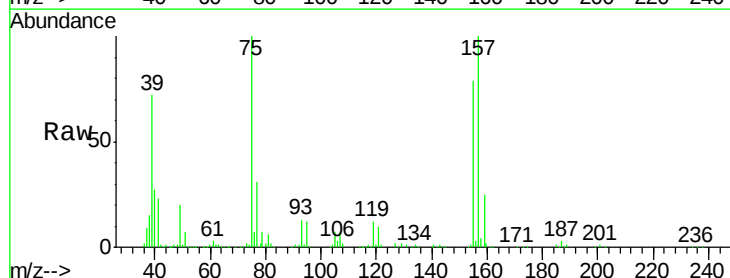
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

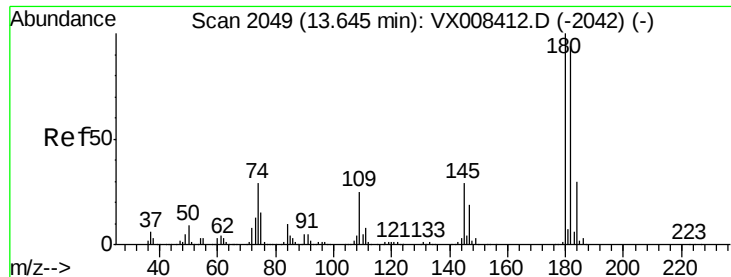
Tot Ion:146 Resp: 329768
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.6 64.6
 148 63.7 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.019 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008419.D
 Acq: 25 Mar 2019 18:40

Tgt Ion: 75 Resp: 61337
 Ion Ratio Lower Upper
 75 100
 155 77.4 39.5 118.5
 157 99.6 49.9 149.7

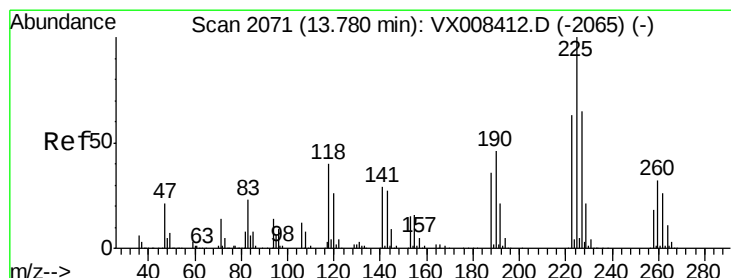
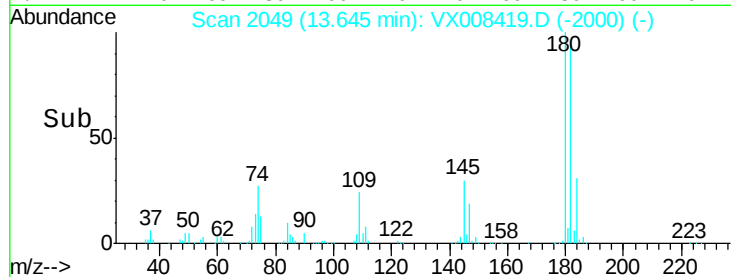
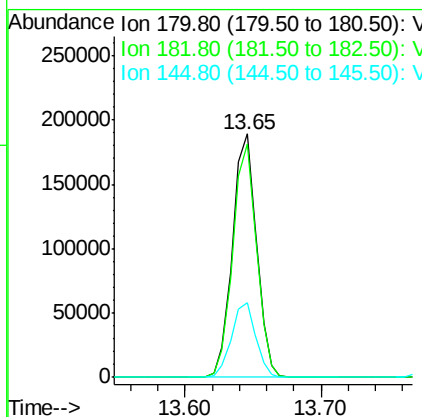
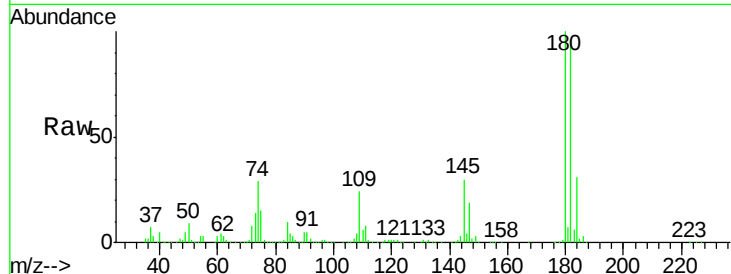




#93
 1,2,4-Trichlorobenzene
 Concen: 55.993 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008419.D
 Acq: 25 Mar 2019 18:40

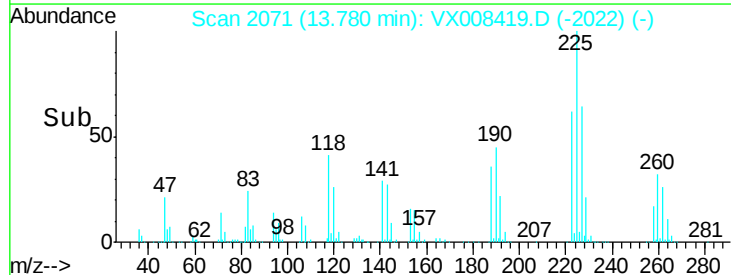
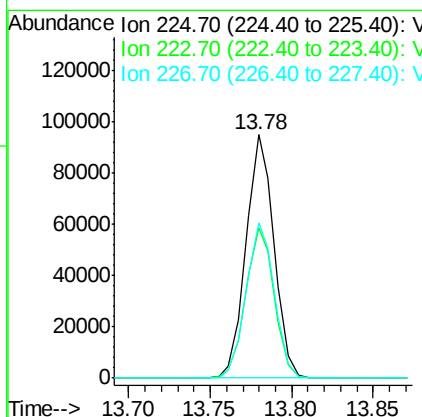
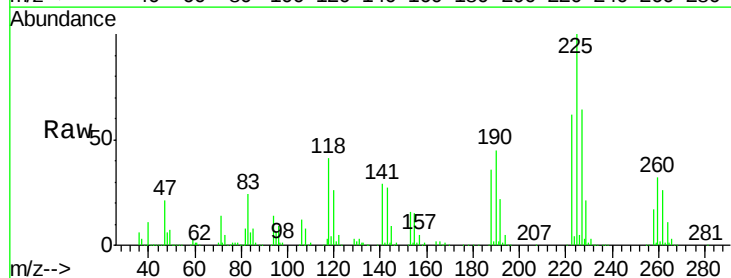
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

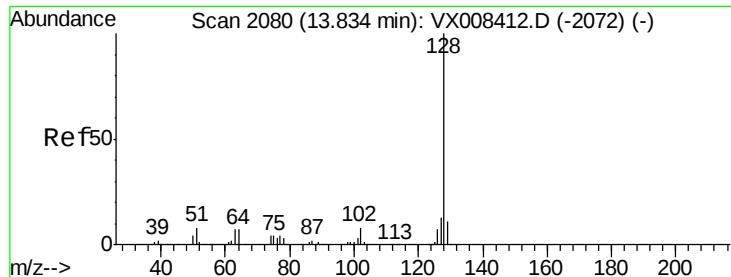
Tot Ion:180 Resp: 232635
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.3 142.0
 145 30.9 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 57.613 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008419.D
 Acq: 25 Mar 2019 18:40

Tgt Ion:225 Resp: 113660
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.4 94.0
 227 64.3 31.9 95.9





#95

Naphthalene

Concen: 53.153 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

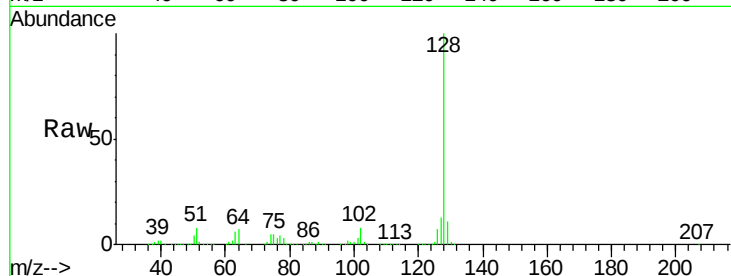
Tot Ion:128 Resp: 757122

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

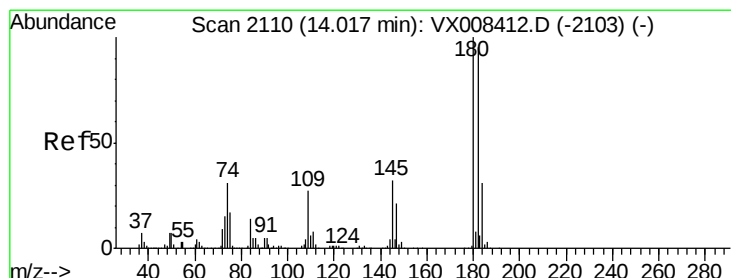
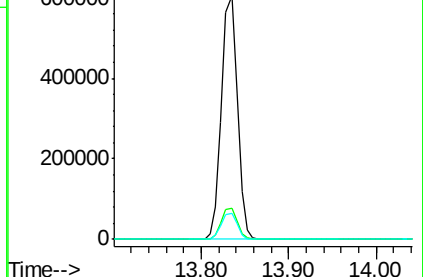
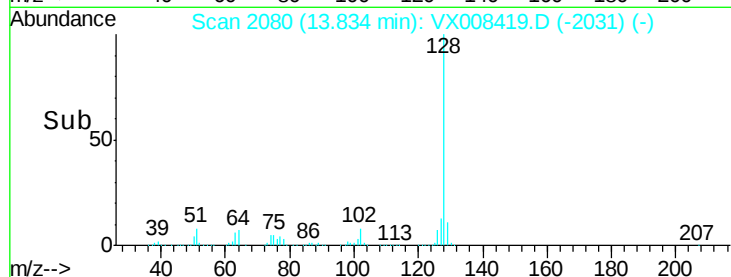
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.400 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX008419.D

Acq: 25 Mar 2019 18:40

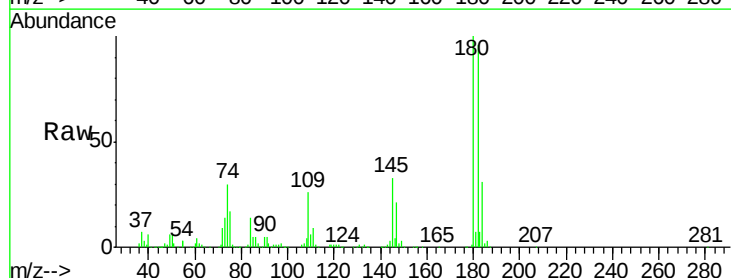
Tgt Ion:180 Resp: 227116

Ion Ratio Lower Upper

180 100

182 95.2 47.3 142.0

145 32.2 16.2 48.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

