

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051719\
 Data File : VX009689.D
 Acq On : 18 May 2019 02:45
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 18 04:57:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	138344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	224912	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	209864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	105027	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	91283	48.33	ug/l	0.00
Spiked Amount			Recovery	=	96.66%	
35) Dibromofluoromethane	5.50	113	67872	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	
50) Toluene-d8	8.71	98	263734	46.20	ug/l	0.00
Spiked Amount			Recovery	=	92.40%	
62) 4-Bromofluorobenzene	11.13	95	100536	48.47	ug/l	0.00
Spiked Amount			Recovery	=	96.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	51759	40.600	ug/l	100
3) Chloromethane	1.32	50	81875	47.041	ug/l	99
4) Vinyl Chloride	1.41	62	80819	47.618	ug/l	98
5) Bromomethane	1.64	94	51369	50.426	ug/l	97
6) Chloroethane	1.71	64	52430	48.115	ug/l	99
7) Trichlorofluoromethane	1.92	101	101429	49.164	ug/l	100
8) Diethyl Ether	2.19	74	50041	51.207	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	61199	47.238	ug/l	99
10) Methyl Iodide	2.50	142	67131	45.094	ug/l	99
11) Tert butyl alcohol	3.06	59	130384	298.255	ug/l	100
12) 1,1-Dichloroethene	2.37	96	63438	48.871	ug/l	97
13) Acrolein	2.29	56	96578	243.944	ug/l	99
14) Allyl chloride	2.72	41	154135	48.725	ug/l	98
15) Acrylonitrile	3.15	53	298250	279.031	ug/l	99
16) Acetone	2.45	43	266442	262.742	ug/l	98
17) Carbon Disulfide	2.56	76	160517	44.045	ug/l	100
18) Methyl Acetate	2.78	43	135184	56.054	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	266932	52.955	ug/l	100
20) Methylene Chloride	2.85	84	80134	48.804	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	68355	48.556	ug/l	99
22) Diisopropyl ether	3.86	45	323783	53.223	ug/l	95
23) Vinyl Acetate	3.82	43	1420039	272.590	ug/l	99
24) 1,1-Dichloroethane	3.70	63	152707	50.884	ug/l	100
25) 2-Butanone	4.68	43	452178	286.942	ug/l	97
26) 2,2-Dichloropropane	4.59	77	72945	32.655	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	84889	50.520	ug/l	96
28) Bromochloromethane	5.02	49	52599	43.164	ug/l	97
29) Tetrahydrofuran	5.13	42	296400	292.292	ug/l	98
30) Chloroform	5.21	83	141438	52.108	ug/l	99
31) Cyclohexane	5.58	56	132347	47.400	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	115113	50.945	ug/l	99
36) 1,1-Dichloropropene	5.80	75	101500	48.561	ug/l	100
37) Ethyl Acetate	4.84	43	165340	56.775	ug/l	99
38) Carbon Tetrachloride	5.79	117	94948	49.998	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051719\
 Data File : VX009689.D
 Acq On : 18 May 2019 02:45
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 18 04:57:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	115450	44.977	ug/l	100
40) Benzene	6.14	78	324127	50.108	ug/l	99
41) Methacrylonitrile	5.04	41	93448	53.906	ug/l	98
42) 1,2-Dichloroethane	6.20	62	123194	53.092	ug/l	99
43) Isopropyl Acetate	6.45	43	261080	56.048	ug/l	99
44) Trichloroethene	7.21	130	76619	48.995	ug/l	98
45) 1,2-Dichloropropane	7.51	63	95630	52.210	ug/l	97
46) Dibromomethane	7.66	93	54250	51.004	ug/l	99
47) Bromodichloromethane	7.90	83	111096	52.362	ug/l	98
48) Methyl methacrylate	7.77	41	131557	56.925	ug/l	98
49) 1,4-Dioxane	7.74	88	51057	1089.388	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	907737	298.138	ug/l	99
52) Toluene	8.79	92	199425	50.717	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	122110	50.976	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	132105	49.825	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	85080	53.036	ug/l	97
56) Ethyl methacrylate	9.18	69	158000	55.176	ug/l	97
57) 1,3-Dichloropropane	9.37	76	148511	52.608	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	329340	216.798	ug/l	99
59) 2-Hexanone	9.49	43	701821	293.494	ug/l	98
60) Dibromochloromethane	9.58	129	84067	53.656	ug/l	99
61) 1,2-Dibromoethane	9.67	107	85605	52.865	ug/l	99
64) Tetrachloroethene	9.34	164	73434	51.011	ug/l	98
65) Chlorobenzene	10.14	112	211612	50.405	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	78554	51.611	ug/l	99
67) Ethyl Benzene	10.25	91	386128	49.976	ug/l	99
68) m/p-Xylenes	10.36	106	282086	99.908	ug/l	97
69) o-Xylene	10.69	106	140453	50.418	ug/l	98
70) Styrene	10.71	104	250444	51.725	ug/l	99
71) Bromoform	10.86	173	66419	53.699	ug/l #	99
73) Isopropylbenzene	11.02	105	371270	48.612	ug/l	99
74) N-amyl acetate	10.90	43	237930	53.435	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	145508	51.107	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	168455	69.145	ug/l	82
77) Bromobenzene	11.26	156	94523	49.863	ug/l	100
78) n-propylbenzene	11.36	91	428963	49.180	ug/l	100
79) 2-Chlorotoluene	11.42	91	259315	48.189	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	319629	49.703	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	43332	45.509	ug/l	96
82) 4-Chlorotoluene	11.51	91	301203	49.546	ug/l	99
83) tert-Butylbenzene	11.77	119	306819	49.046	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	322106	49.901	ug/l	100
85) sec-Butylbenzene	11.94	105	361767	48.777	ug/l	100
86) p-Isopropyltoluene	12.06	119	328184	49.221	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	165869	49.083	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	166151	48.768	ug/l	99
89) n-Butylbenzene	12.38	91	291913	48.439	ug/l	99
90) Hexachloroethane	12.60	117	55951	49.255	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	169829	49.340	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34388	53.841	ug/l	98

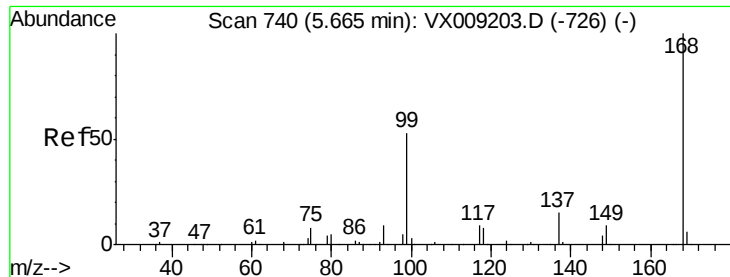
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051719\
Data File : VX009689.D
Acq On : 18 May 2019 02:45
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: May 18 04:57:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	117765	50.033	ug/l	99
94) Hexachlorobutadiene	13.78	225	58132	48.364	ug/l	99
95) Naphthalene	13.83	128	403224	52.656	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	120468	50.491	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009689.D

Acq: 18 May 2019 02:45

Instrument :

MSVOA_X

ClientSampleId :

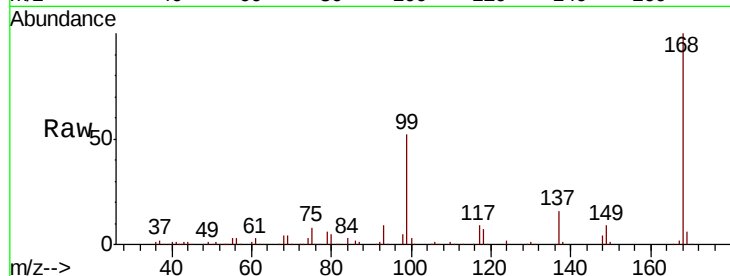
VSTDCCC050

Tot Ion:168 Resp: 138344

Ion Ratio Lower Upper

168 100

99 52.0 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

50000

40000

30000

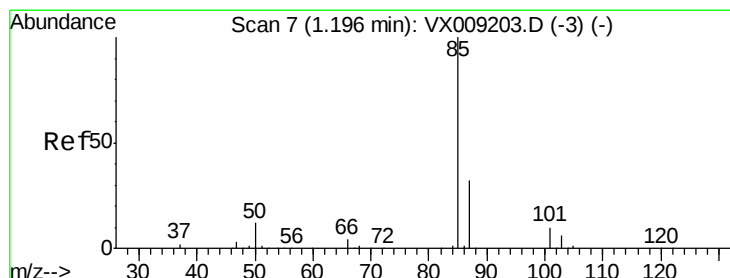
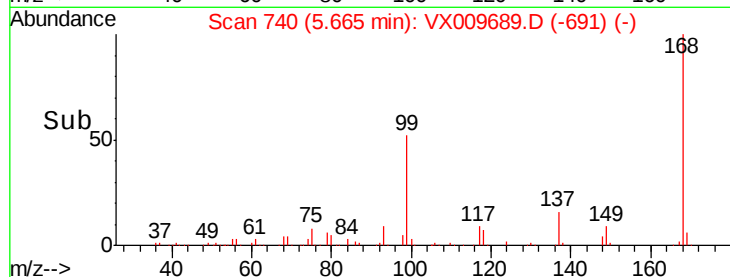
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 40.600 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009689.D

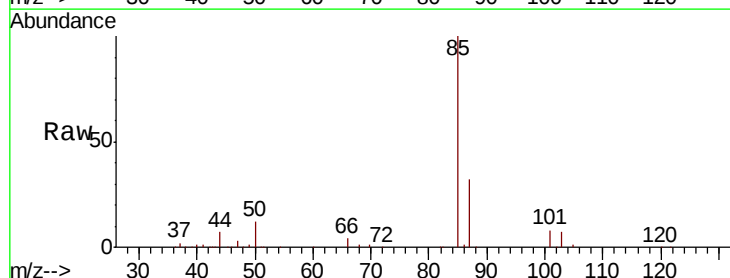
Acq: 18 May 2019 02:45

Tgt Ion: 85 Resp: 51759

Ion Ratio Lower Upper

85 100

87 32.3 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

30000

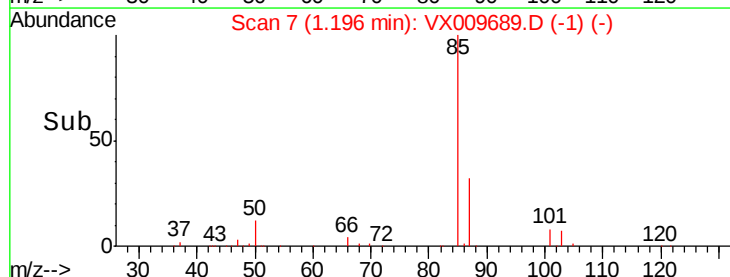
20000

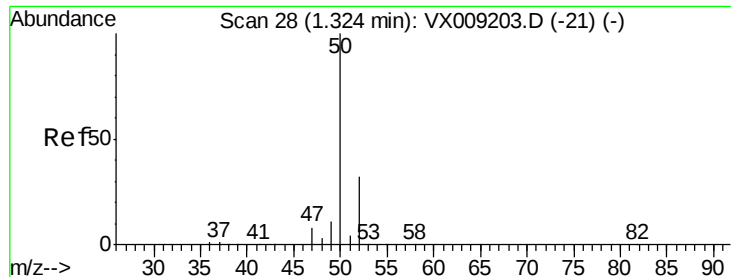
10000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 47.041 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009689.D

Acq: 18 May 2019 02:45

Instrument :

MSVOA_X

ClientSampleId :

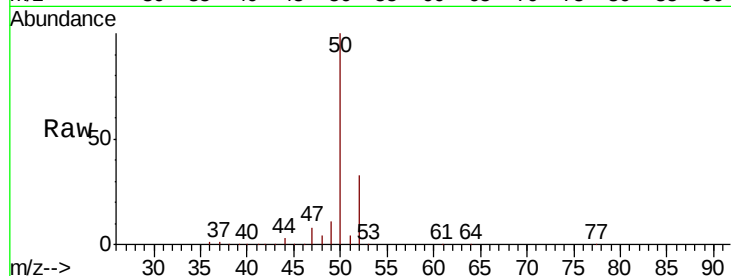
VSTDCCC050

Tot Ion: 50 Resp: 81875

Ion Ratio Lower Upper

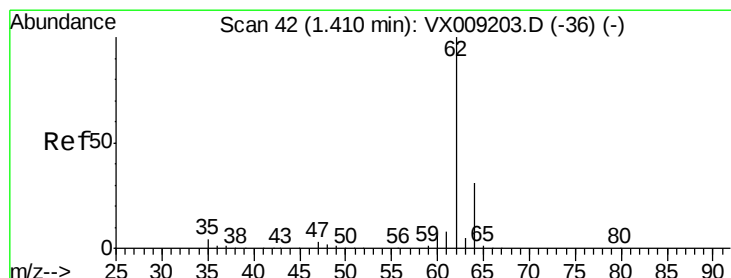
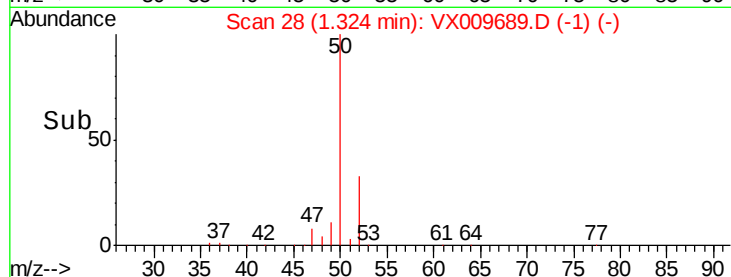
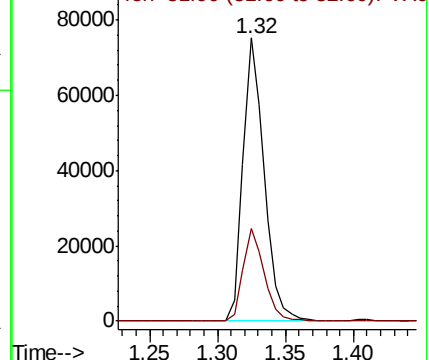
50 100

52 32.8 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.618 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009689.D

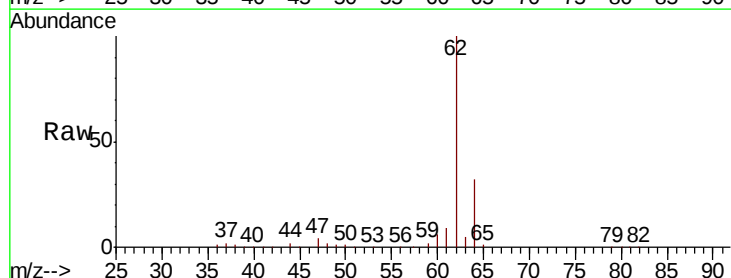
Acq: 18 May 2019 02:45

Tgt Ion: 62 Resp: 80819

Ion Ratio Lower Upper

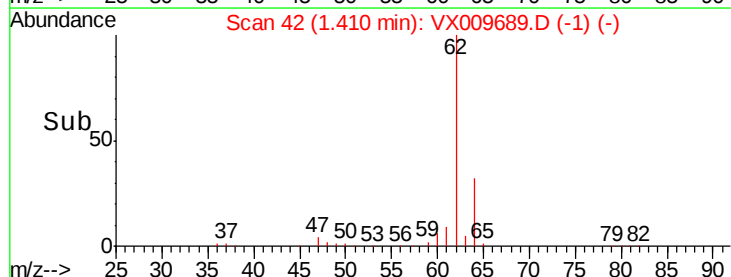
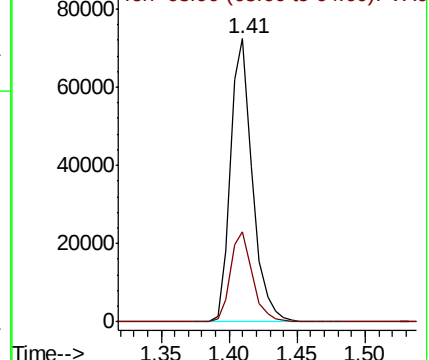
62 100

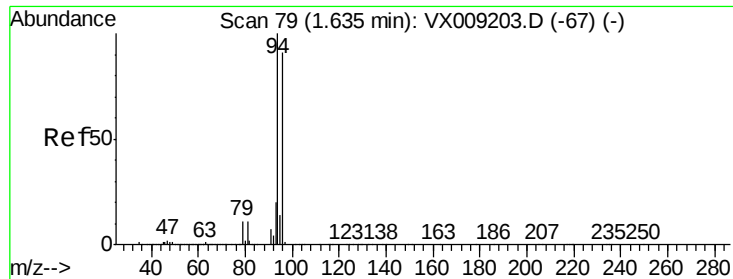
64 31.7 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 50.426 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009689.D

Acq: 18 May 2019 02:45

Instrument :

MSVOA_X

ClientSampleId :

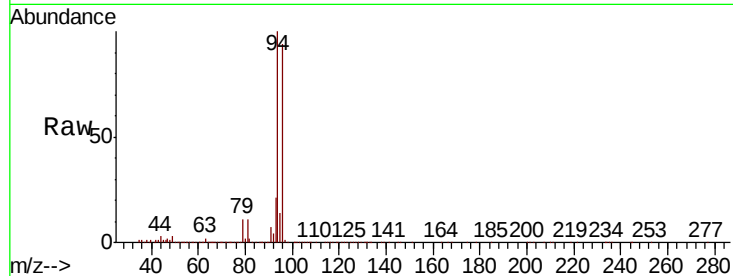
VSTDCCC050

Tot Ion: 94 Resp: 51369

Ion Ratio Lower Upper

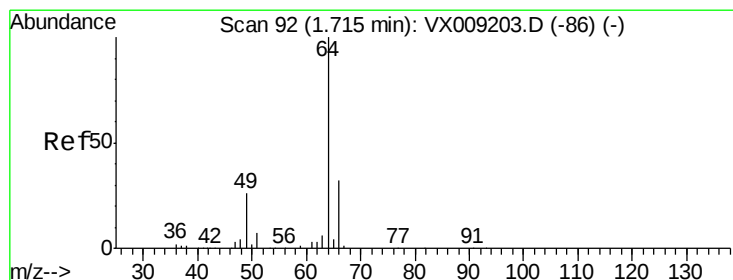
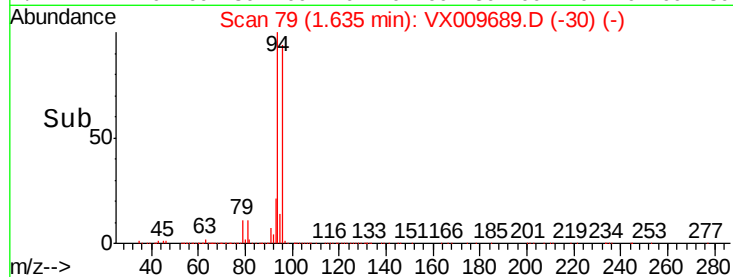
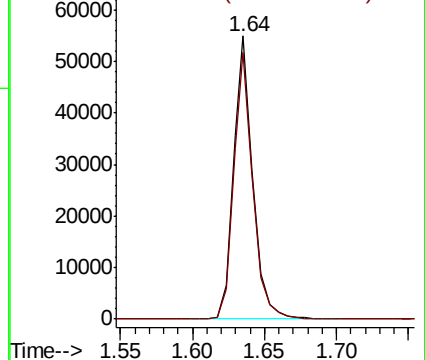
94 100

96 94.5 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.115 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX009689.D

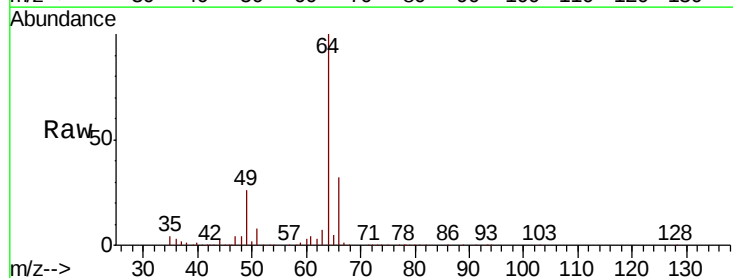
Acq: 18 May 2019 02:45

Tgt Ion: 64 Resp: 52430

Ion Ratio Lower Upper

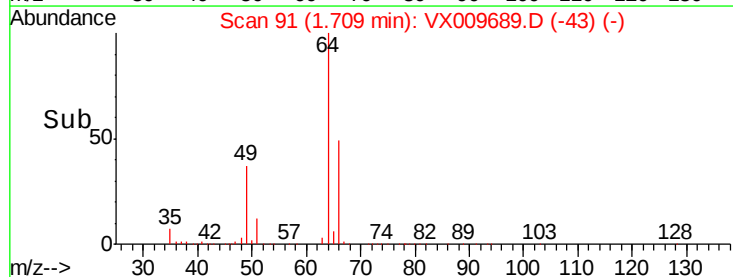
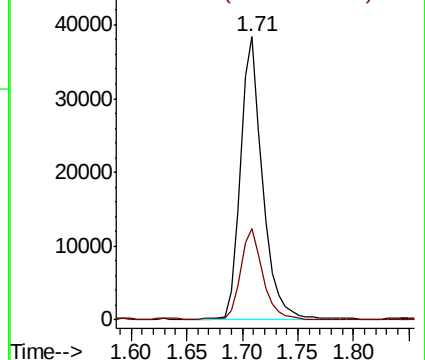
64 100

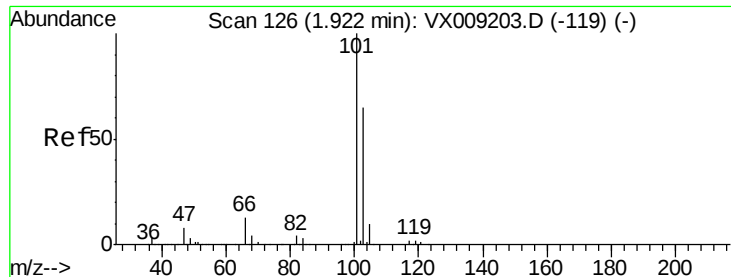
66 32.0 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



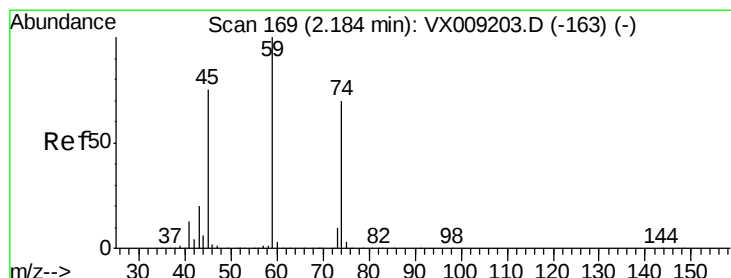
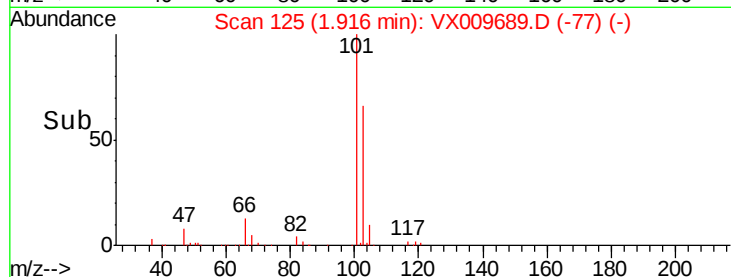
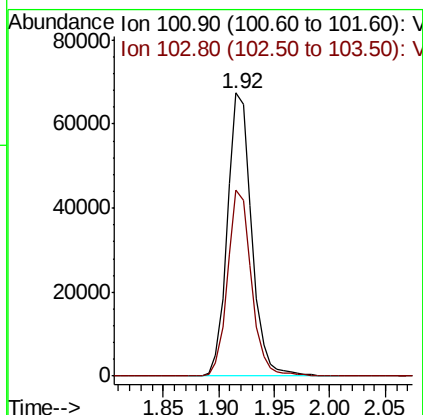
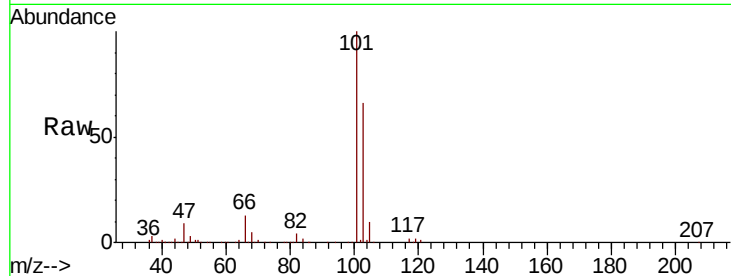


#7

Trichlorofluoromethane
Concen: 49.164 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX009689.D
Acq: 18 May 2019 02:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

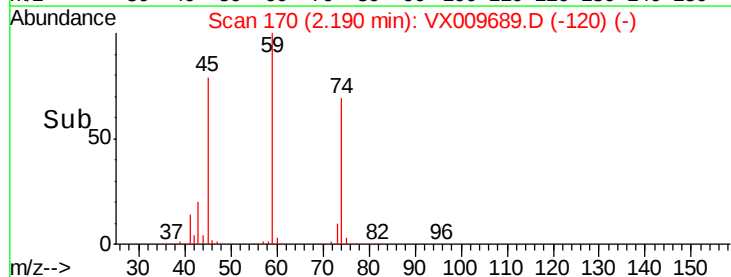
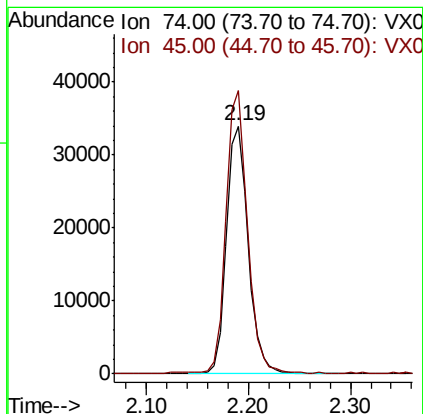
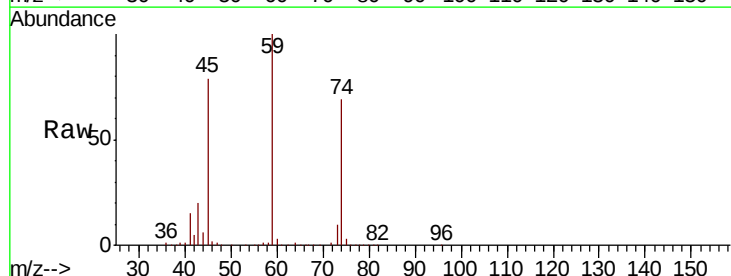
Tot Ion:101 Resp: 101429
Ion Ratio Lower Upper
101 100
103 65.6 52.4 78.6



#8

Diethyl Ether
Concen: 51.207 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX009689.D
Acq: 18 May 2019 02:45

Tgt Ion: 74 Resp: 50041
Ion Ratio Lower Upper
74 100
45 112.0 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.238 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX009689.D

Acq: 18 May 2019 02:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

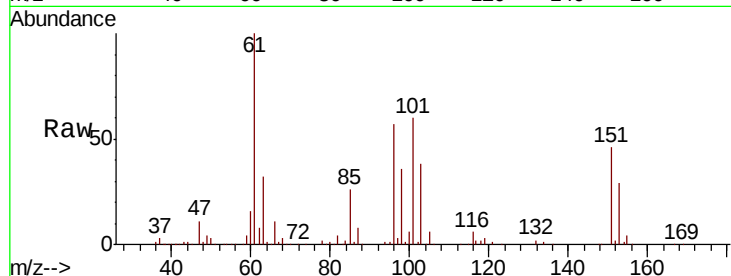
Tot Ion:101 Resp: 61199

Ion Ratio Lower Upper

101 100

85 44.1 35.7 53.5

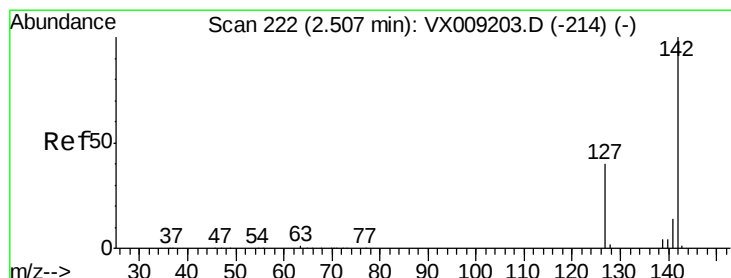
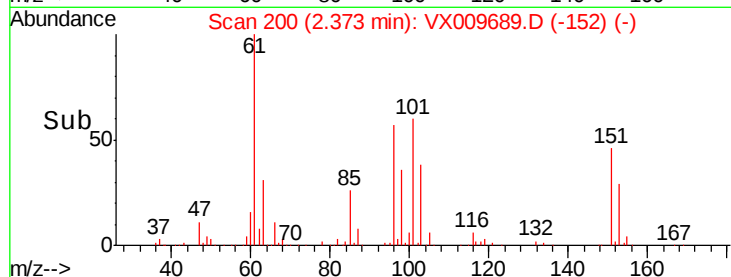
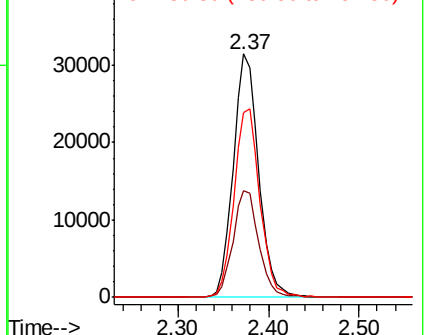
151 78.8 62.2 93.2



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: 45.094 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.01 min

Lab File: VX009689.D

Acq: 18 May 2019 02:45

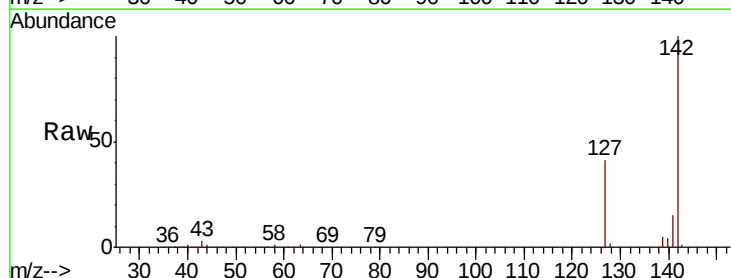
Tgt Ion:142 Resp: 67131

Ion Ratio Lower Upper

142 100

127 41.7 32.7 49.1

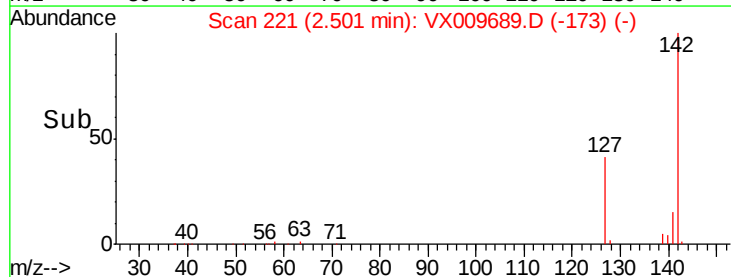
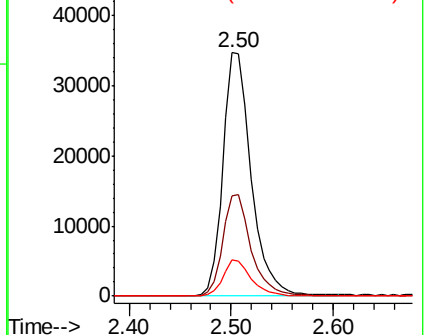
141 14.6 11.5 17.3

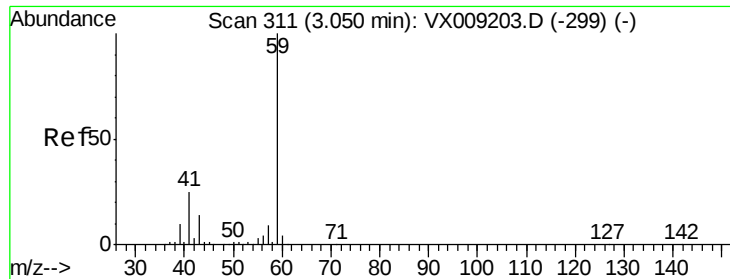


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



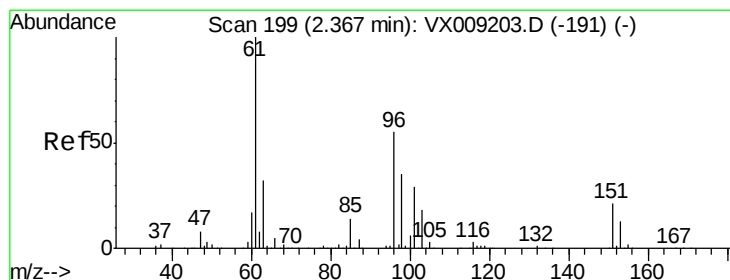
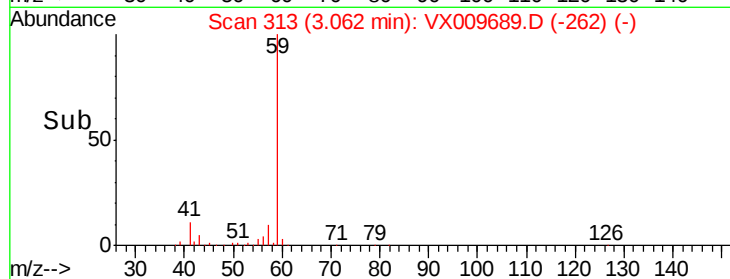
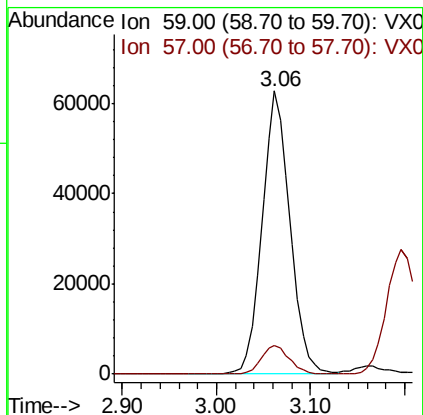
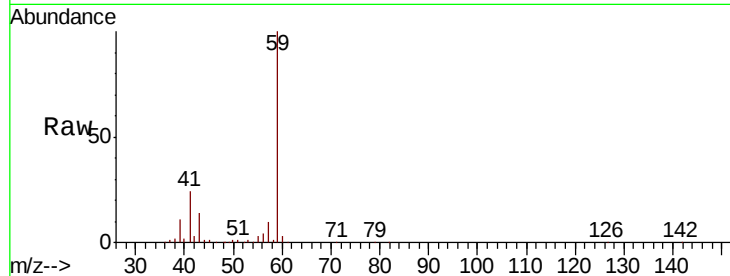


#11

Tert butyl alcohol
Concen: 298.255 ug/l
RT: 3.06 min Scan# 313
Delta R.T. 0.01 min
Lab File: VX009689.D
Acq: 18 May 2019 02:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

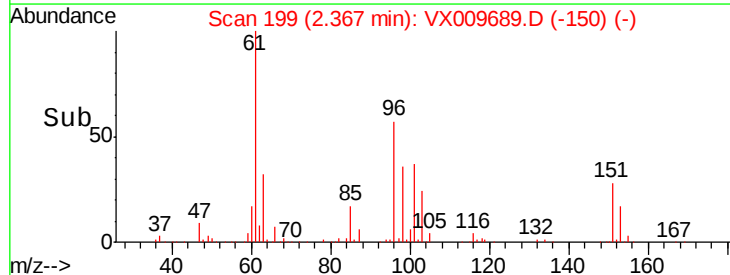
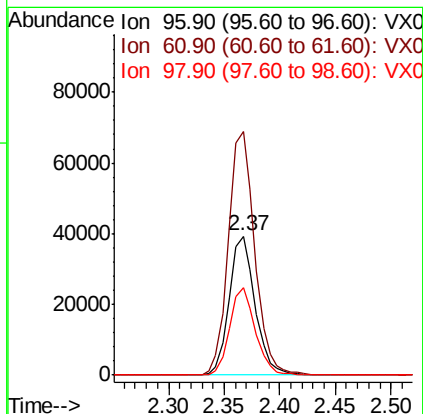
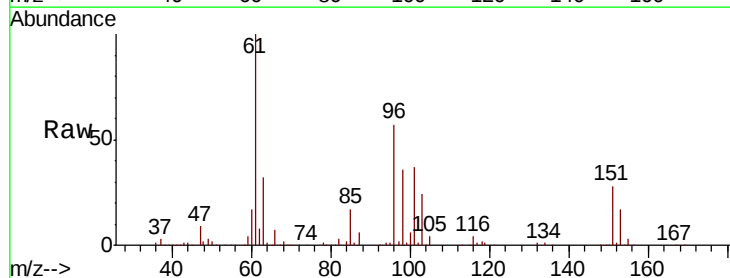
Tot Ion: 59 Resp: 130384
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2

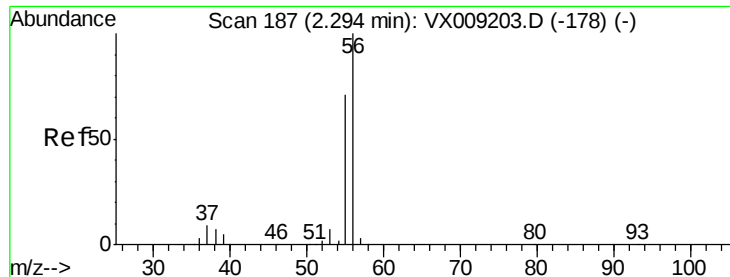


#12

1,1-Dichloroethene
Concen: 48.871 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX009689.D
Acq: 18 May 2019 02:45

Tgt Ion: 96 Resp: 63438
Ion Ratio Lower Upper
96 100
61 175.3 144.3 216.5
98 63.3 50.3 75.5





#13

Acrolein

Concen: 243.944 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009689.D

Acq: 18 May 2019 02:45

Instrument :

MSVOA_X

ClientSampleId :

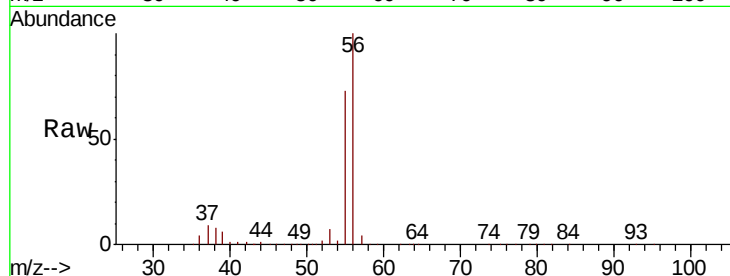
VSTDCCC050

Tot Ion: 56 Resp: 96578

Ion Ratio Lower Upper

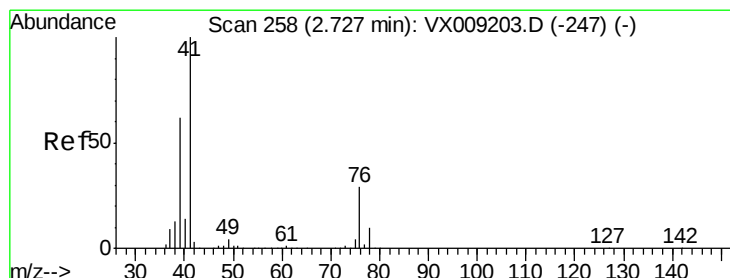
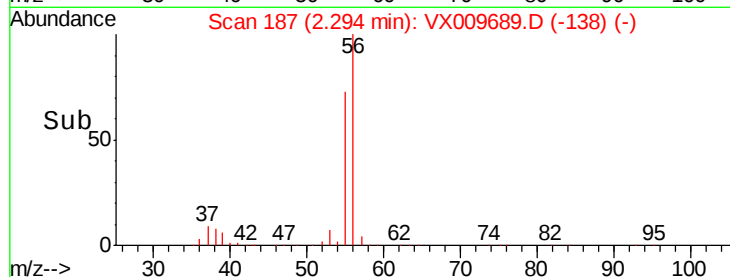
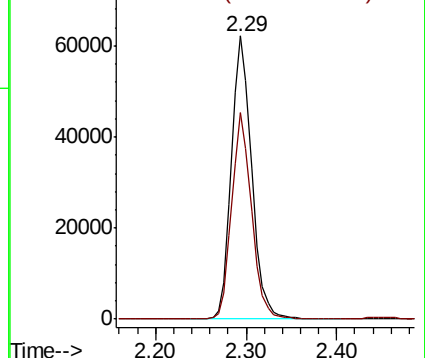
56 100

55 71.6 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 48.725 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX009689.D

Acq: 18 May 2019 02:45

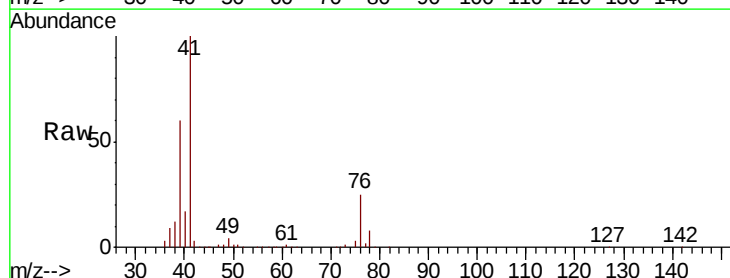
Tgt Ion: 41 Resp: 154135

Ion Ratio Lower Upper

41 100

39 57.8 46.7 70.1

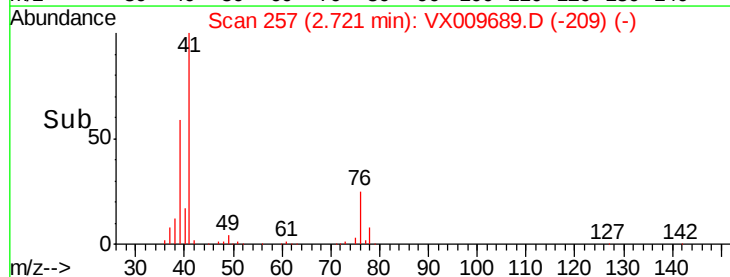
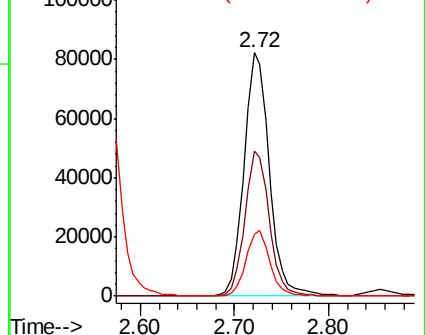
76 25.5 21.8 32.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 279.031 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX009689.D

Acq: 18 May 2019 02:45

Instrument :

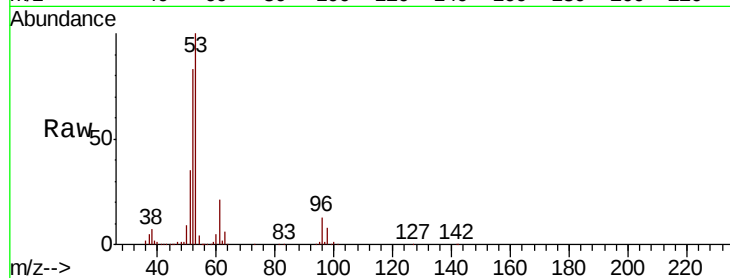
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 298250

Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.9	100.3
51	36.1	28.2	42.2

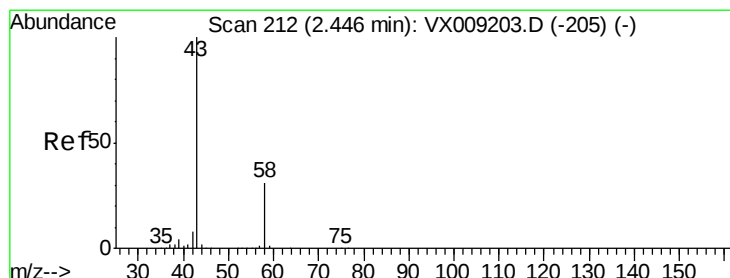
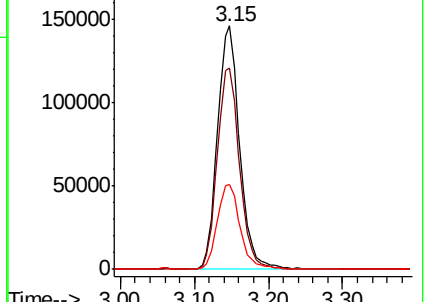
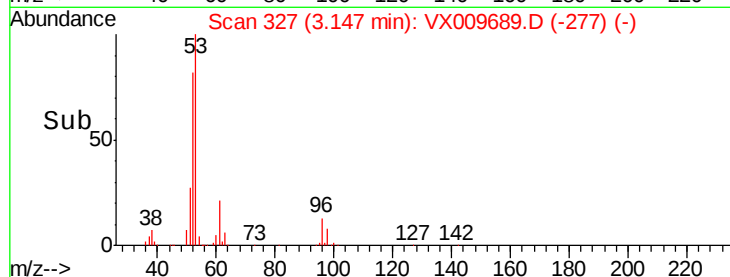


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 262.742 ug/l

RT: 2.45 min Scan# 213

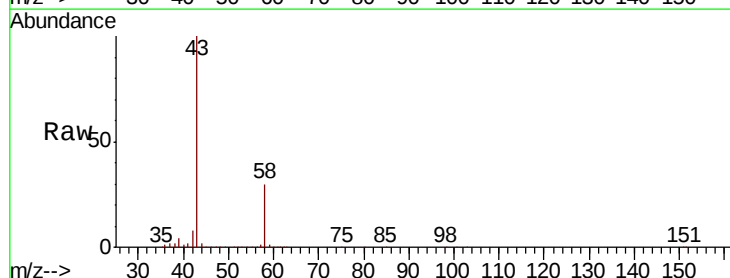
Delta R.T. 0.01 min

Lab File: VX009689.D

Acq: 18 May 2019 02:45

Tgt Ion: 43 Resp: 266442

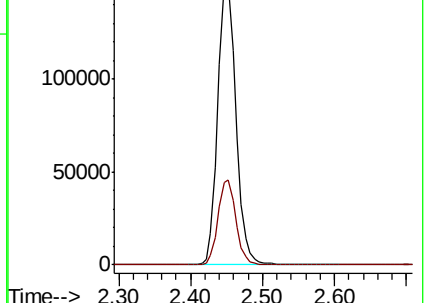
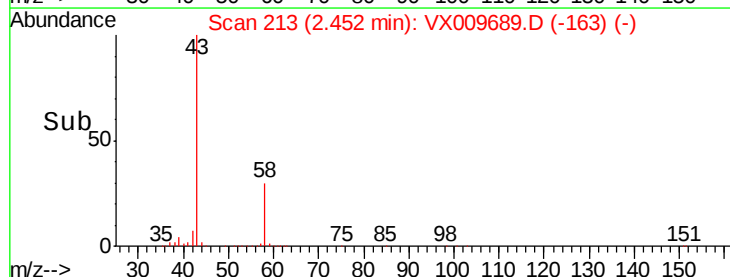
Ion	Ratio	Lower	Upper
43	100		
58	30.1	24.9	37.3

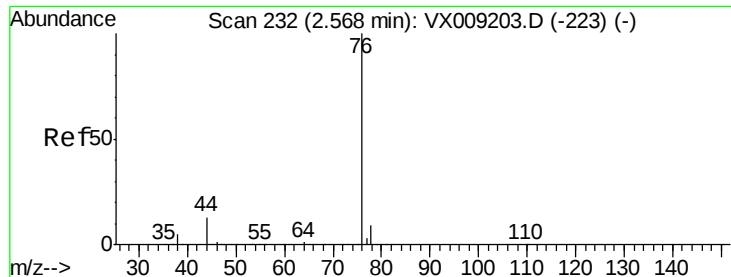


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

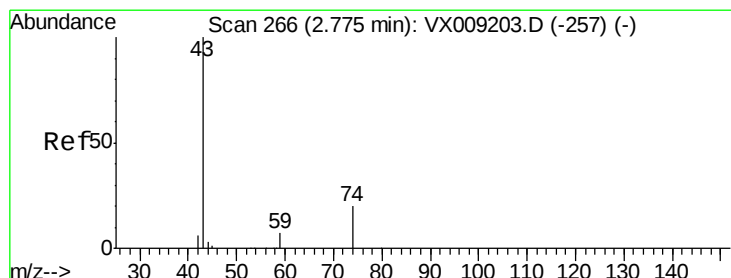
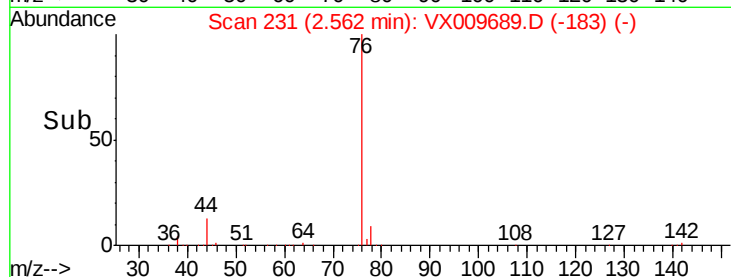
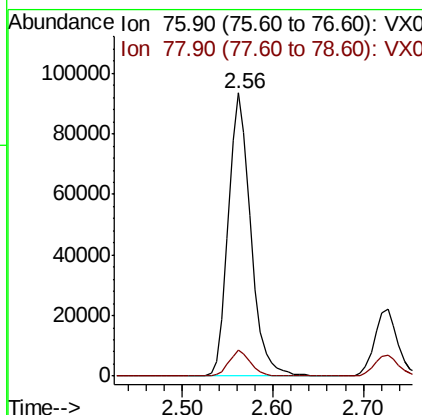
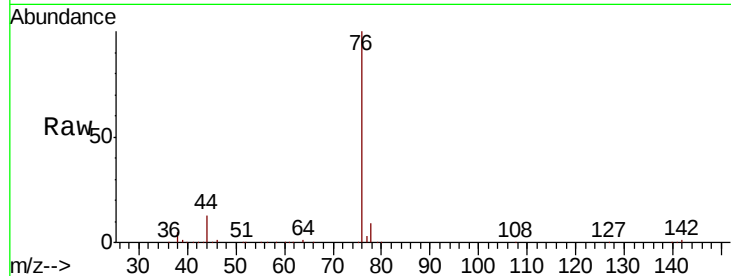




#17
Carbon Disulfide
Concen: 44.045 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX009689.D
Acq: 18 May 2019 02:45

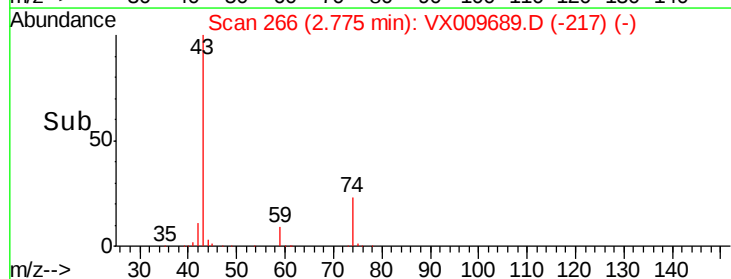
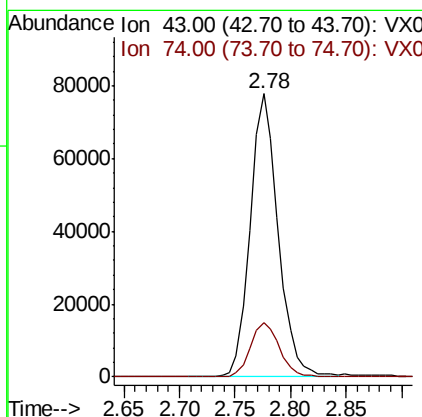
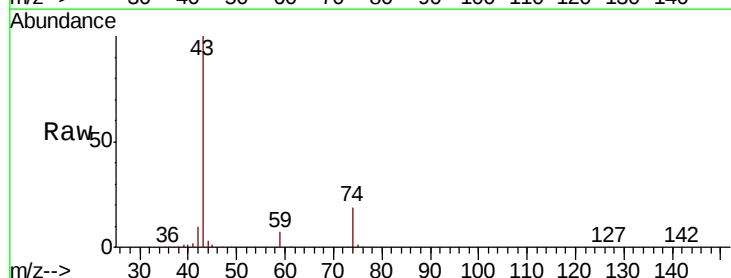
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

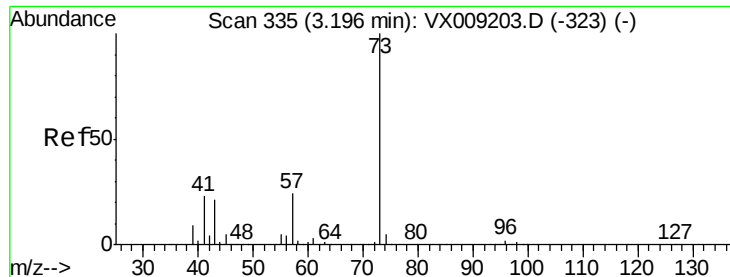
Tot Ion: 76 Resp: 160517
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 56.054 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009689.D
Acq: 18 May 2019 02:45

Tgt Ion: 43 Resp: 135184
Ion Ratio Lower Upper
43 100
74 20.3 16.2 24.4

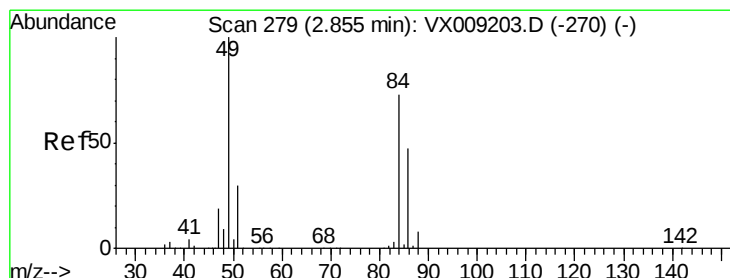
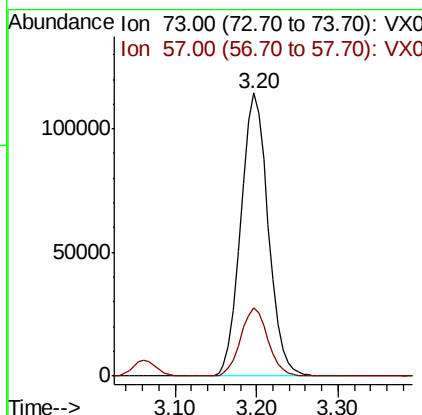
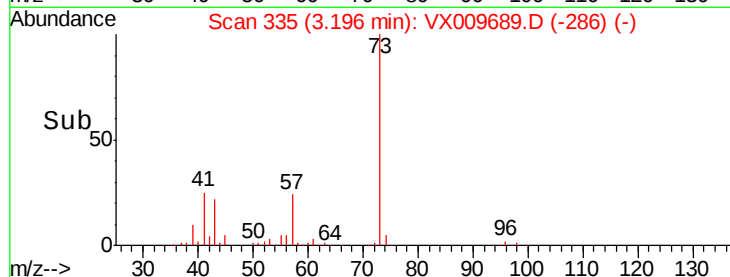
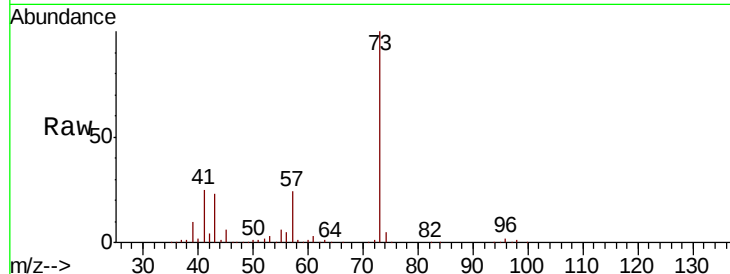




#19
Methyl tert-butyl Ether
Concen: 52.955 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009689.D
Acq: 18 May 2019 02:45

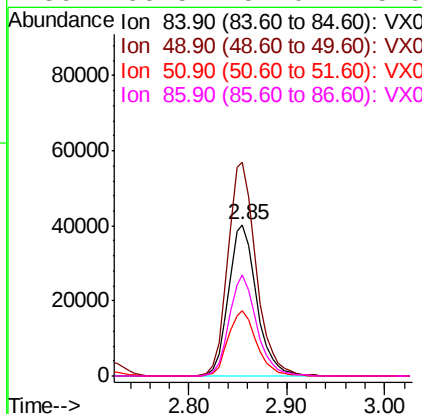
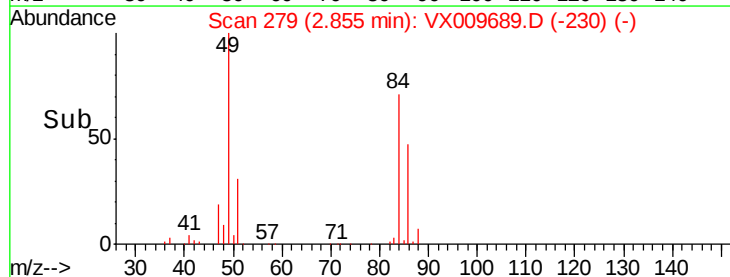
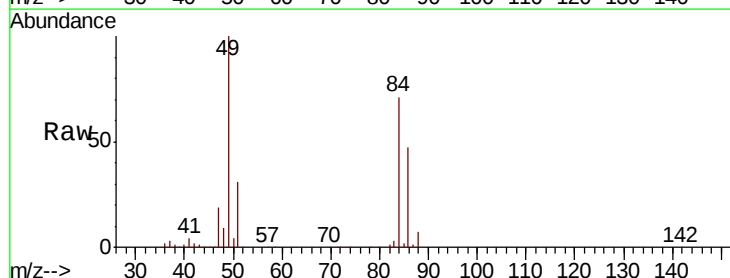
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

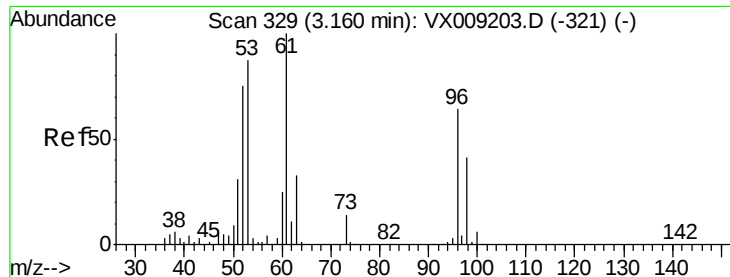
Tot Ion: 73 Resp: 266932
Ion Ratio Lower Upper
73 100
57 24.1 19.3 28.9



#20
Methylene Chloride
Concen: 48.804 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009689.D
Acq: 18 May 2019 02:45

Tgt Ion: 84 Resp: 80134
Ion Ratio Lower Upper
84 100
49 140.7 109.9 164.9
51 43.3 32.7 49.1
86 66.5 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 48.556 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX009689.D

Acq: 18 May 2019 02:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

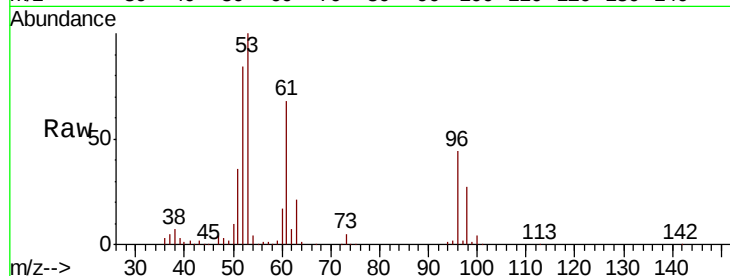
Tot Ion: 96 Resp: 68355

Ion Ratio Lower Upper

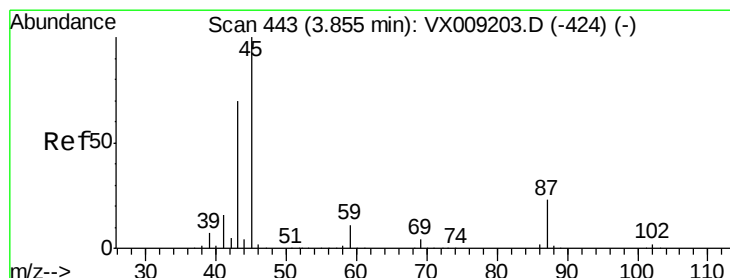
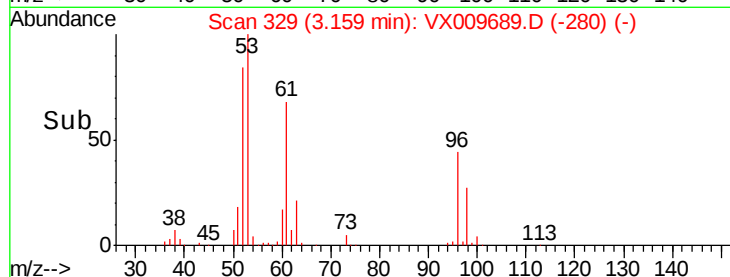
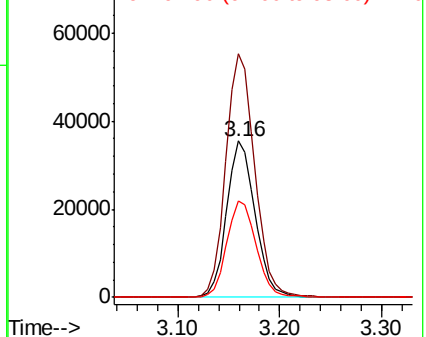
96 100

61 155.3 124.5 186.7

98 61.4 50.4 75.6



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



#22

Diisopropyl ether

Concen: 53.223 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX009689.D

Acq: 18 May 2019 02:45

Tgt Ion: 45 Resp: 323783

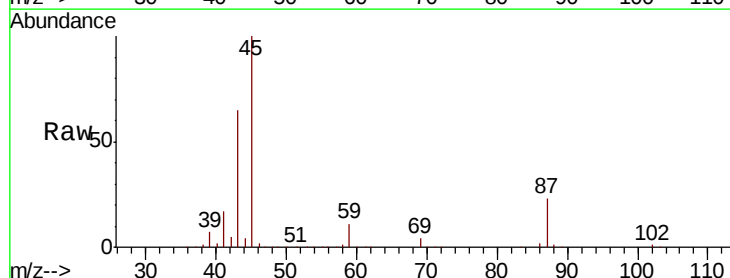
Ion Ratio Lower Upper

45 100

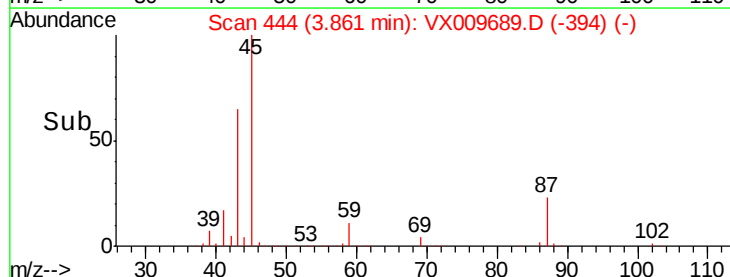
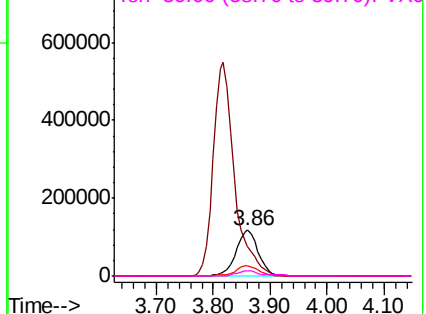
43 64.6 56.1 84.1

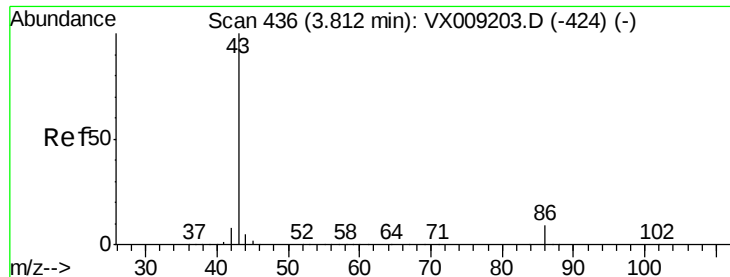
87 22.6 18.1 27.1

59 10.8 8.5 12.7



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: 272.590 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX009689.D

Acq: 18 May 2019 02:45

Instrument :

MSVOA_X

ClientSampleId :

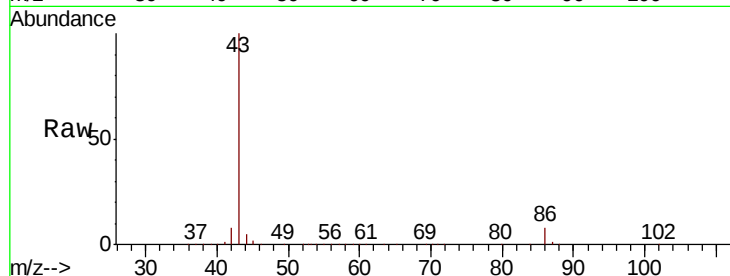
VSTDCCC050

Tot Ion: 43 Resp: 1420039

Ion Ratio Lower Upper

43 100

86 8.4 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

600000

500000

400000

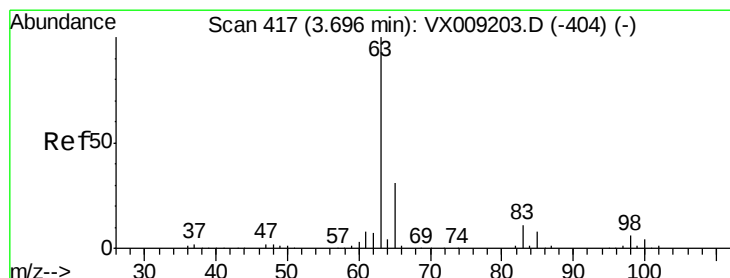
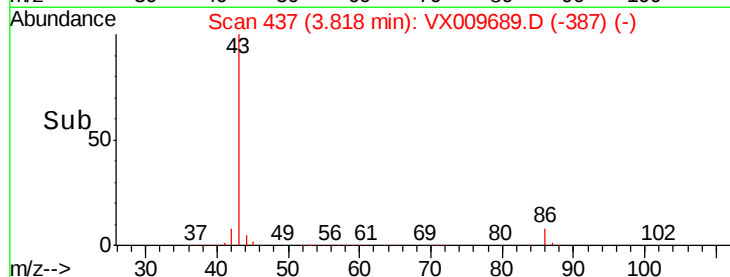
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.884 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009689.D

Acq: 18 May 2019 02:45

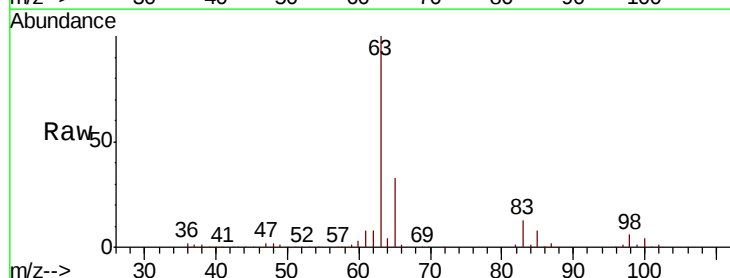
Tgt Ion: 63 Resp: 152707

Ion Ratio Lower Upper

63 100

98 5.9 3.0 9.2

100 4.1 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

80000

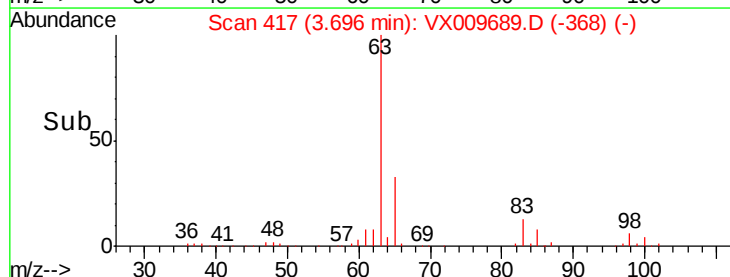
60000

40000

20000

0

Time-->





#25

2-Butanone

Concen: 286.942 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009689.D

Acq: 18 May 2019 02:45

Instrument :

MSVOA_X

ClientSampleId :

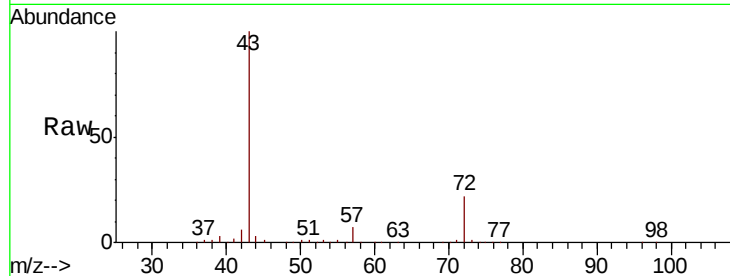
VSTDCCC050

Tot Ion: 43 Resp: 452178

Ion Ratio Lower Upper

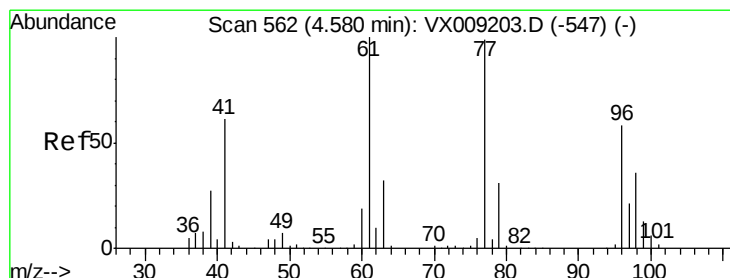
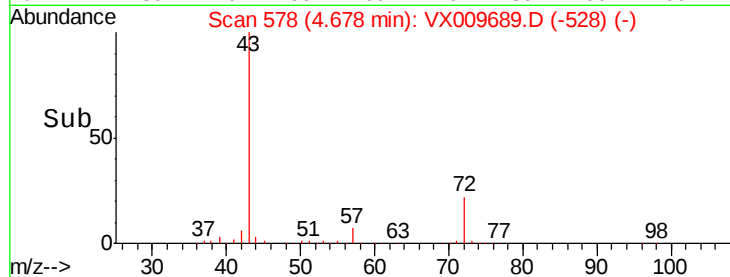
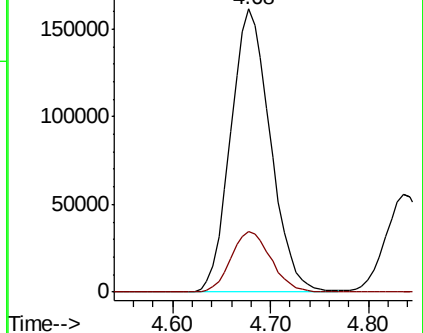
43 100

72 21.5 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 32.655 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX009689.D

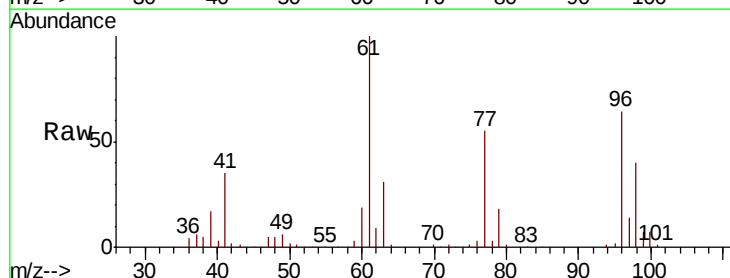
Acq: 18 May 2019 02:45

Tgt Ion: 77 Resp: 72945

Ion Ratio Lower Upper

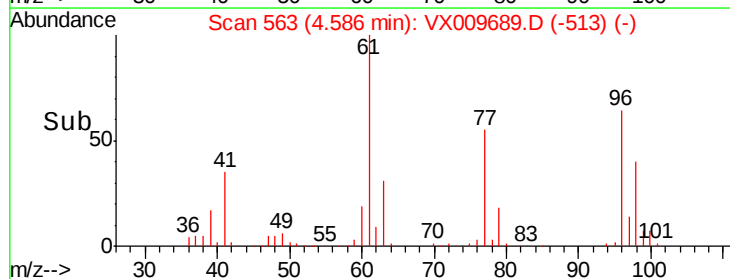
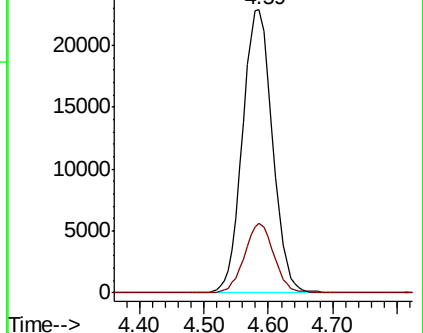
77 100

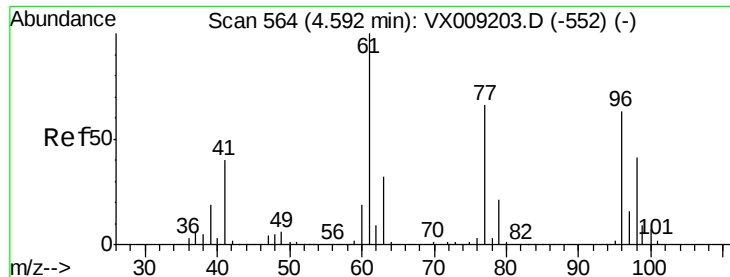
97 24.1 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



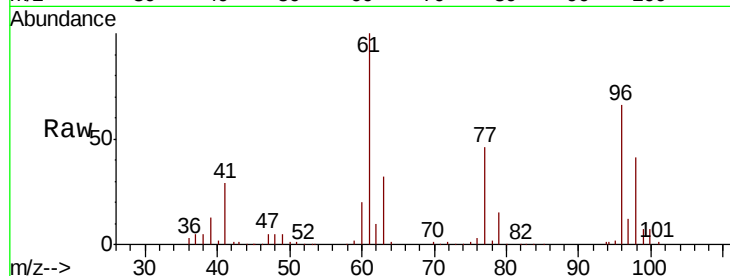


#27

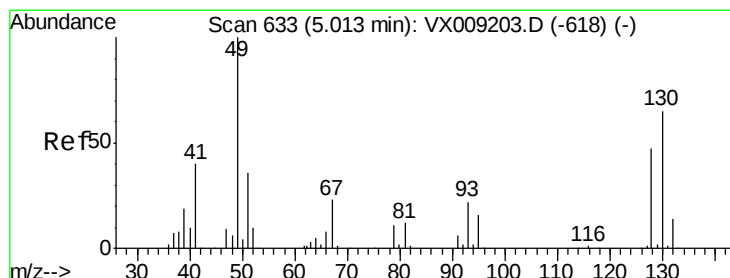
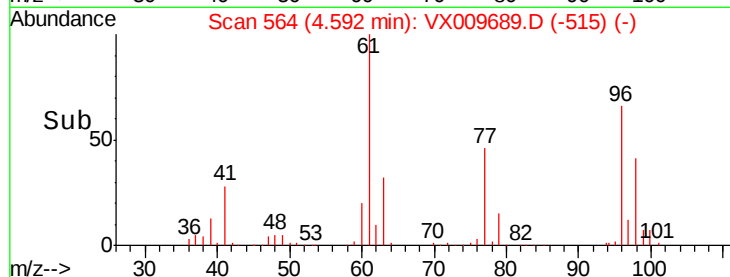
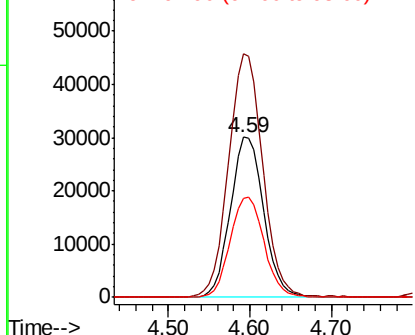
cis-1,2-Dichloroethene
 Concen: 50.520 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VX009689.D
 Acq: 18 May 2019 02:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 96 Resp: 84889
 Ion Ratio Lower Upper
 96 100
 61 156.3 0.0 324.0
 98 63.7 0.0 130.4



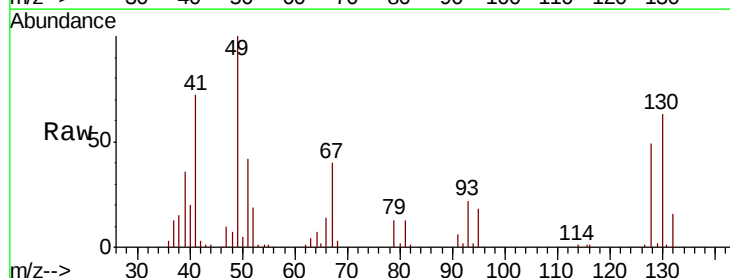
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



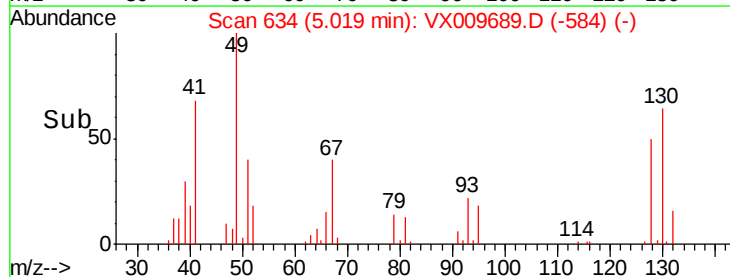
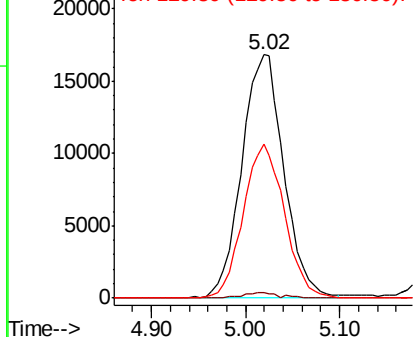
#28

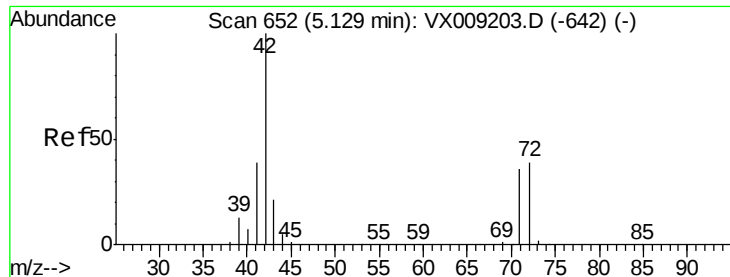
Bromochloromethane
 Concen: 43.164 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX009689.D
 Acq: 18 May 2019 02:45

Tgt Ion: 49 Resp: 52599
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.8
 130 61.8 51.2 76.8



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

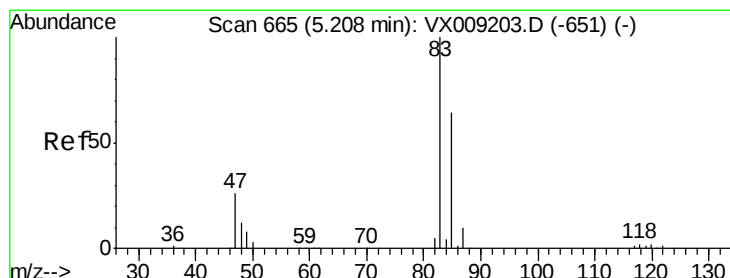
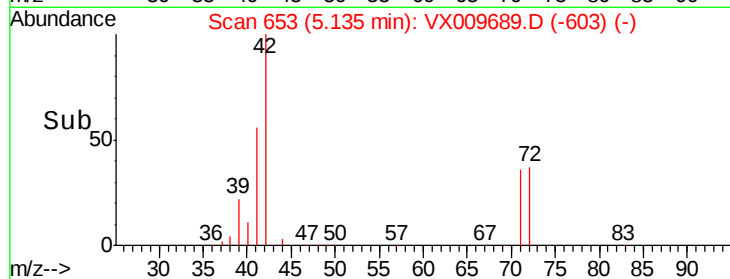
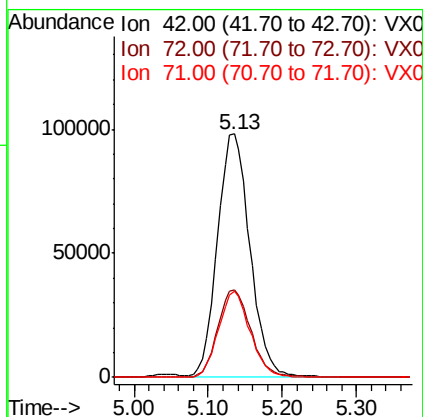
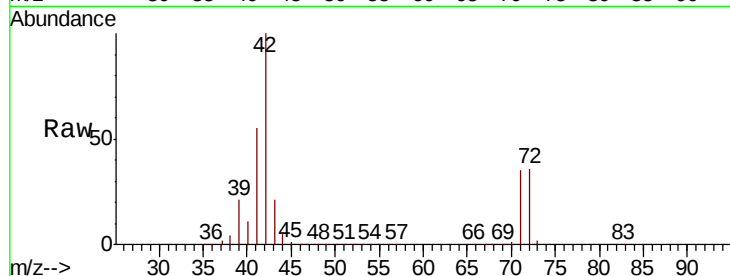




#29
Tetrahydrofuran
Concen: 292.292 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX009689.D
Acq: 18 May 2019 02:45

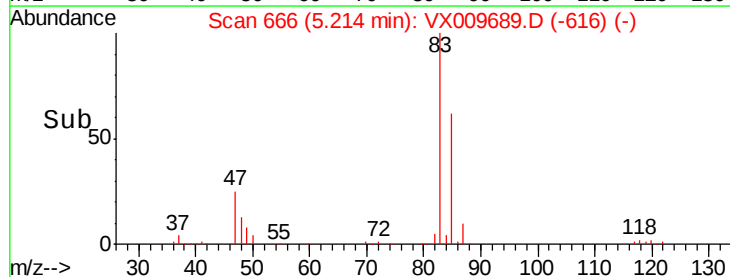
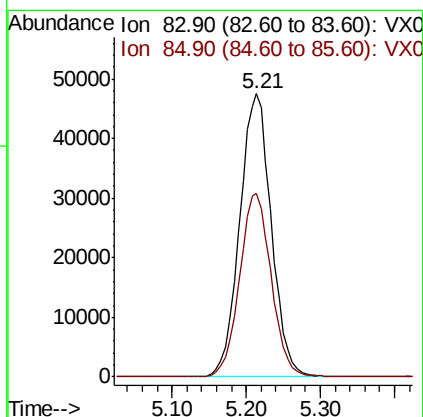
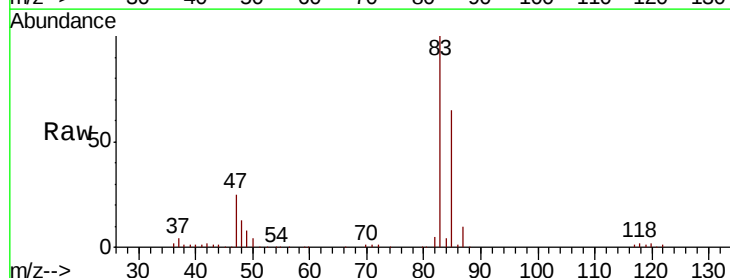
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

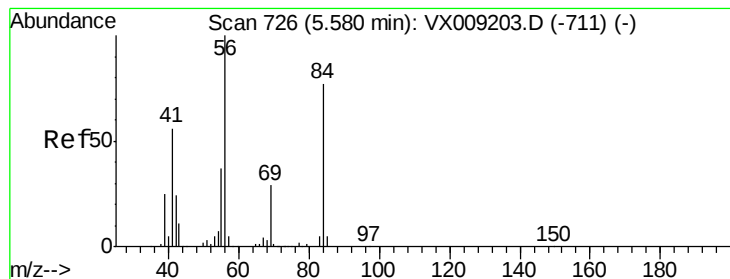
Tot Ion: 42 Resp: 296400
Ion Ratio Lower Upper
42 100
72 37.0 30.4 45.6
71 34.7 28.6 43.0



#30
Chloroform
Concen: 52.108 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX009689.D
Acq: 18 May 2019 02:45

Tgt Ion: 83 Resp: 141438
Ion Ratio Lower Upper
83 100
85 64.8 51.5 77.3





#31

Cyclohexane

Concen: 47.400 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009689.D

Acq: 18 May 2019 02:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

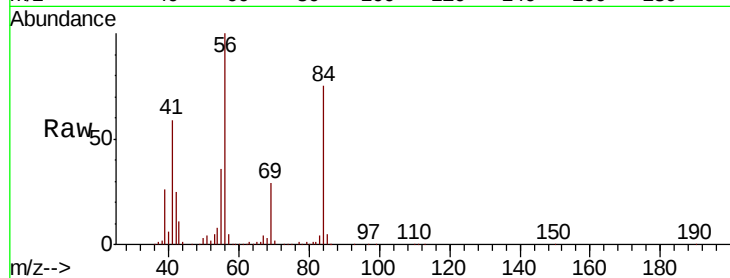
Tot Ion: 56 Resp: 132347

Ion Ratio Lower Upper

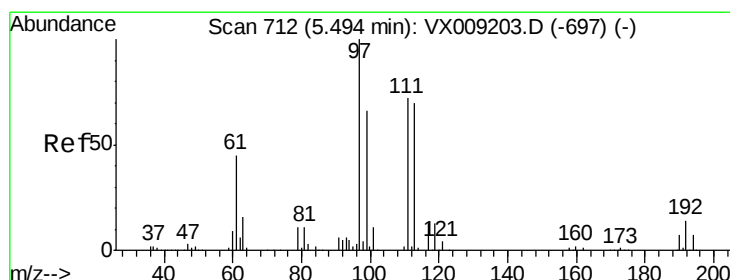
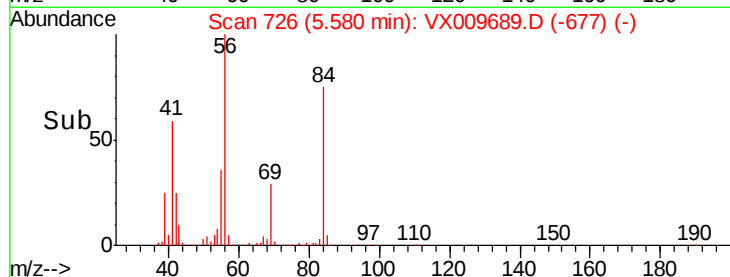
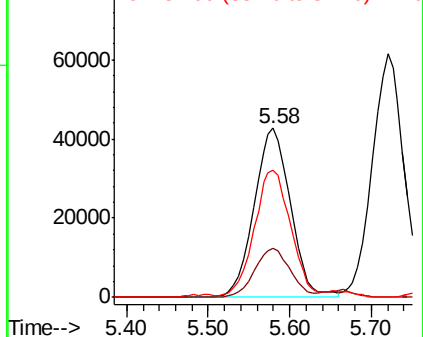
56 100

69 28.9 23.4 35.0

84 74.1 61.9 92.9



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



#32

1,1,1-Trichloroethane

Concen: 50.945 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX009689.D

Acq: 18 May 2019 02:45

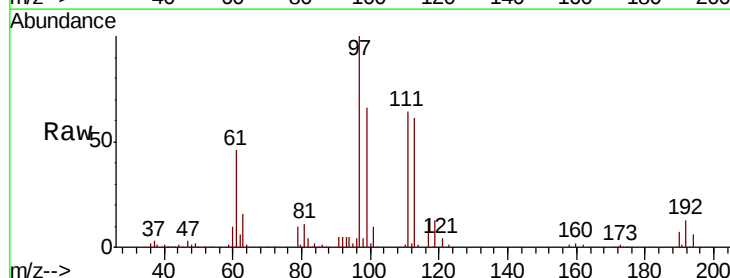
Tgt Ion: 97 Resp: 115113

Ion Ratio Lower Upper

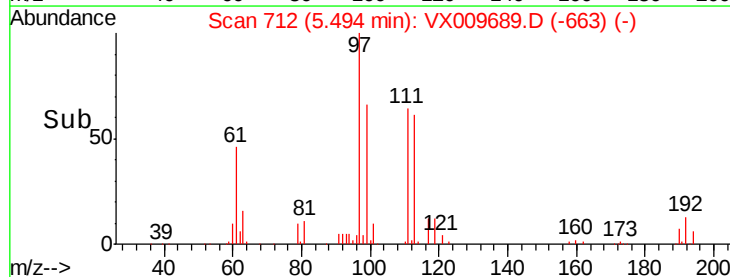
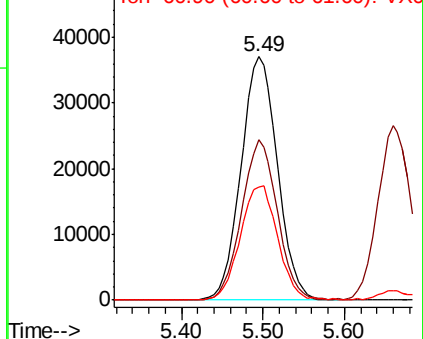
97 100

99 64.7 51.8 77.8

61 48.5 37.8 56.8



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

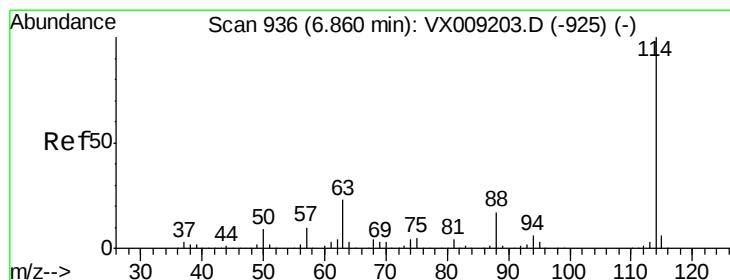
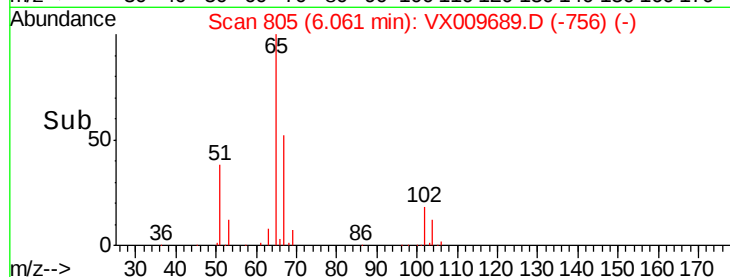
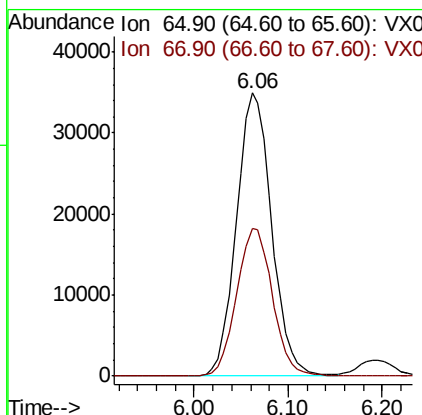
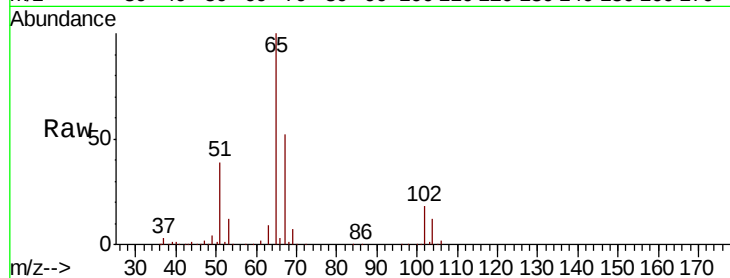




#33
 1,2-Dichloroethane-d4
 Concen: 48.335 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009689.D
 Acq: 18 May 2019 02:45

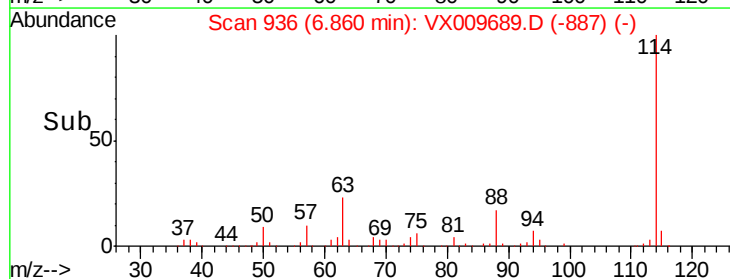
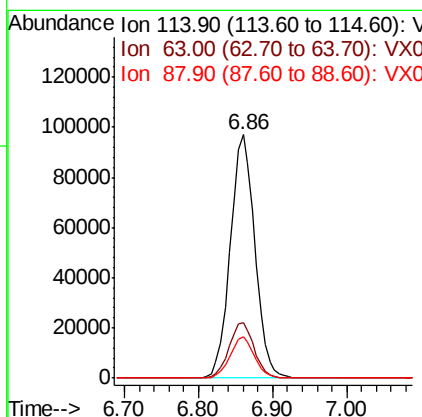
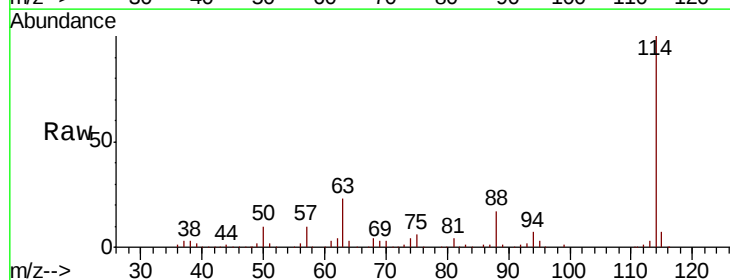
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

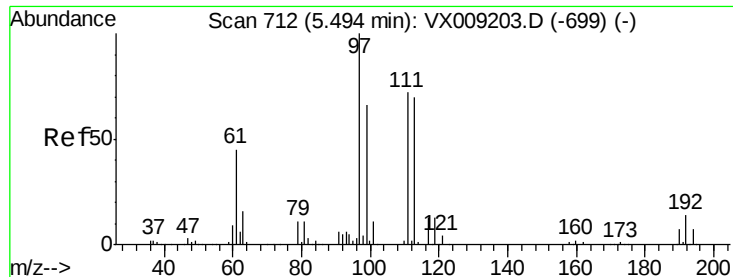
Tot Ion: 65 Resp: 91283
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009689.D
 Acq: 18 May 2019 02:45

Tgt Ion: 114 Resp: 224912
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 45.6
 88 17.1 0.0 33.2

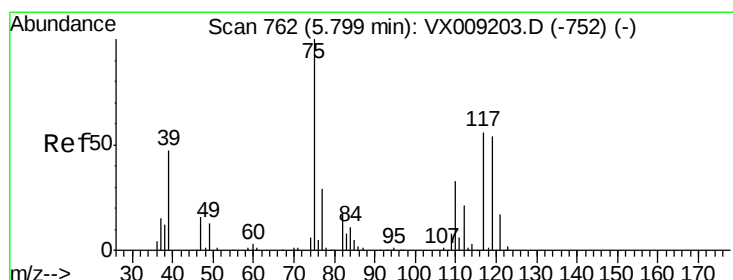
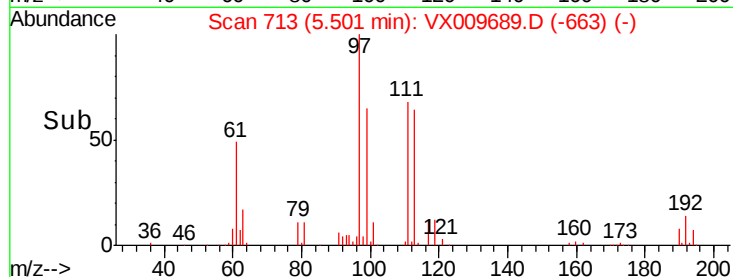
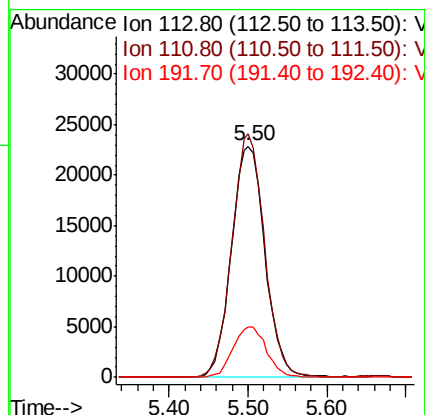
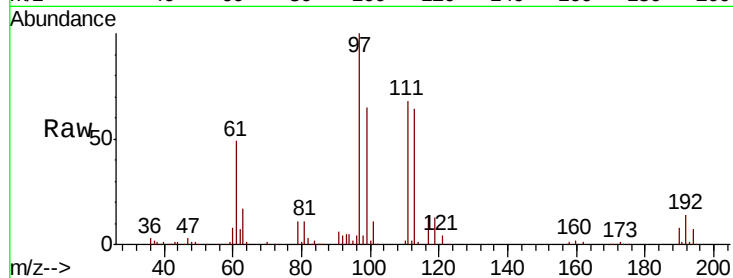




#35
 Dibromofluoromethane
 Concen: 48.004 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009689.D
 Acq: 18 May 2019 02:45

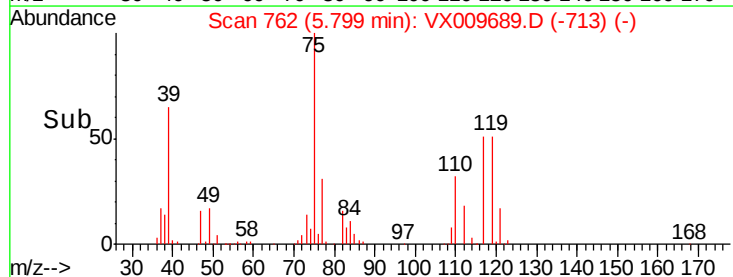
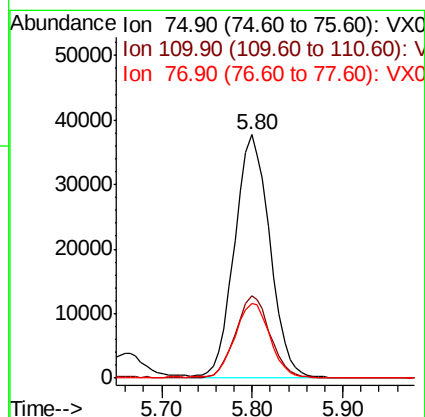
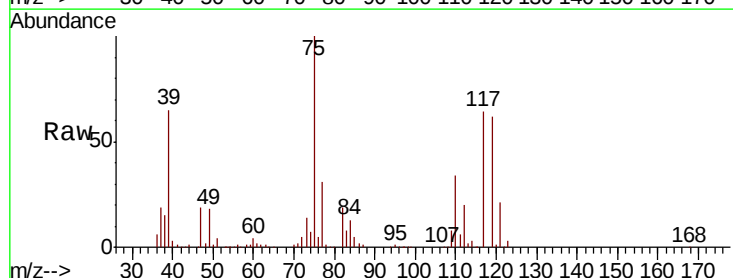
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

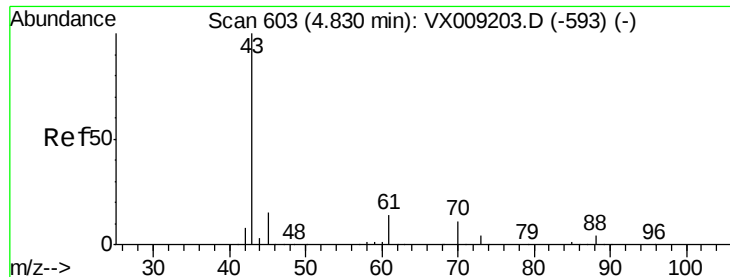
Tot Ion:113 Resp: 67872
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.8 124.2
 192 21.7 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 48.561 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX009689.D
 Acq: 18 May 2019 02:45

Tgt Ion: 75 Resp: 101500
 Ion Ratio Lower Upper
 75 100
 110 33.4 16.9 50.6
 77 31.0 24.8 37.2





#37

Ethyl Acetate

Concen: 56.775 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX009689.D

Acq: 18 May 2019 02:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

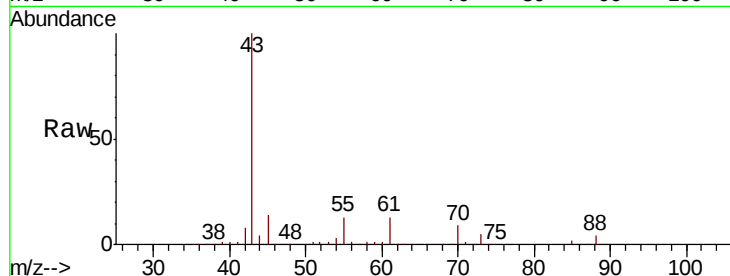
Tot Ion: 43 Resp: 165340

Ion Ratio Lower Upper

43 100

61 13.1 10.5 15.7

70 9.4 7.9 11.9

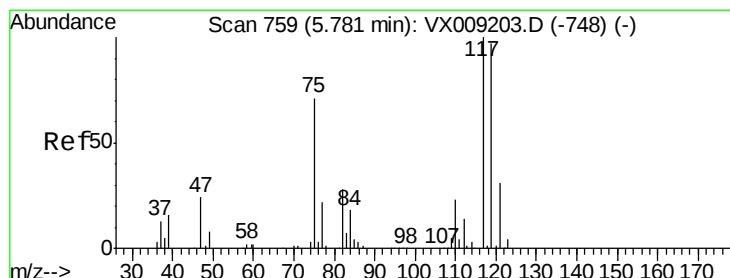
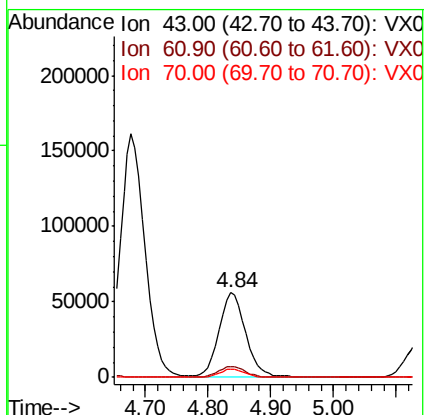
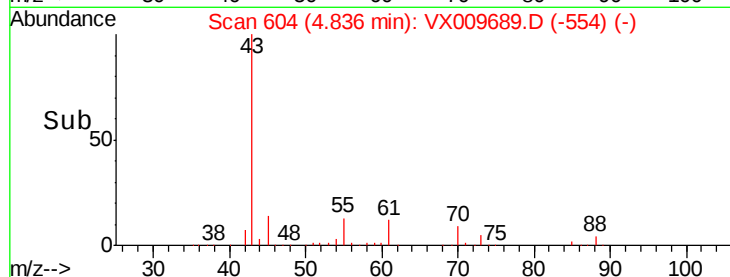


Abundance Ion 43.00 (42.70 to 43.70): VX009203.D (-593) (-)

Ion 60.90 (60.60 to 61.60): VX009203.D (-593) (-)

Ion 70.00 (69.70 to 70.70): VX009203.D (-593) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 49.998 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX009689.D

Acq: 18 May 2019 02:45

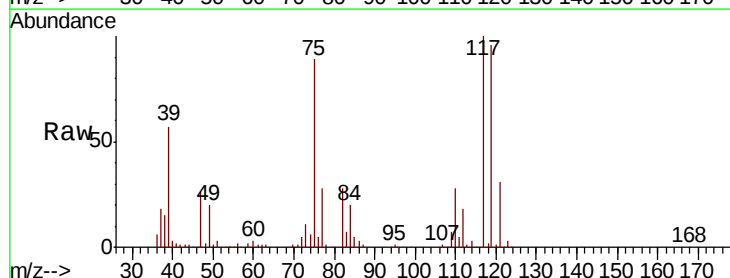
Tgt Ion: 117 Resp: 94948

Ion Ratio Lower Upper

117 100

119 95.6 77.5 116.3

121 30.8 24.7 37.1

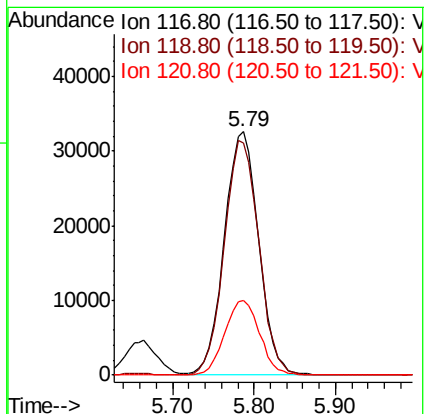
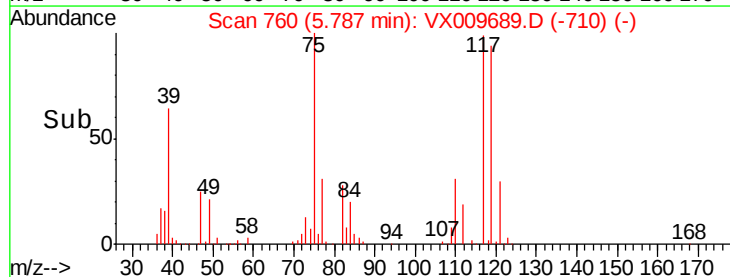


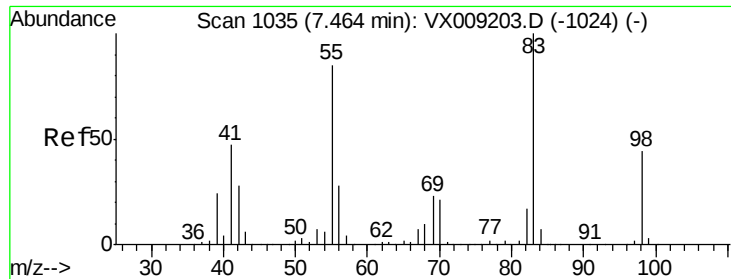
Abundance Ion 116.80 (116.50 to 117.50): VX009203.D (-748) (-)

Ion 118.80 (118.50 to 119.50): VX009203.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX009203.D (-748) (-)

Time-->

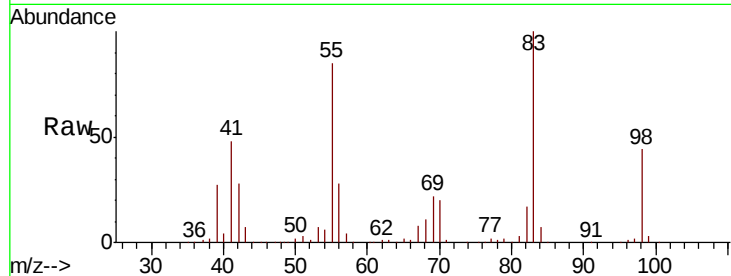




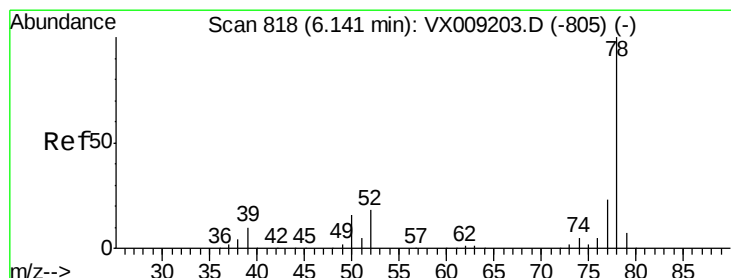
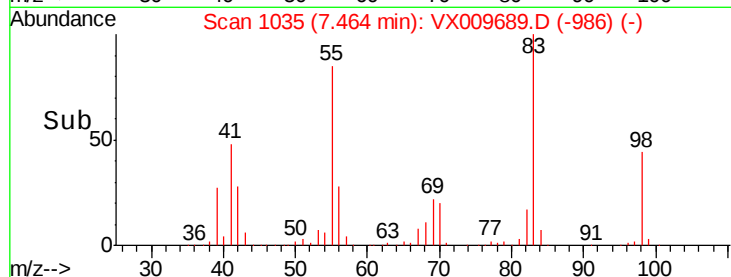
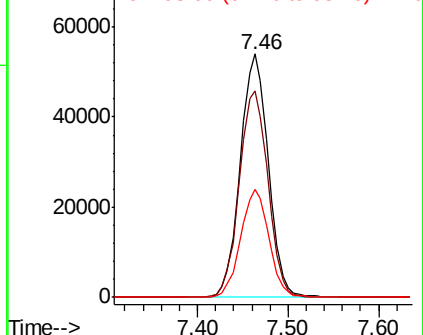
#39
Methvlcvclohexane
Concen: 44.977 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009689.D
Acq: 18 May 2019 02:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 115450
Ion Ratio Lower Upper
83 100
55 85.0 67.7 101.5
98 44.1 35.5 53.3

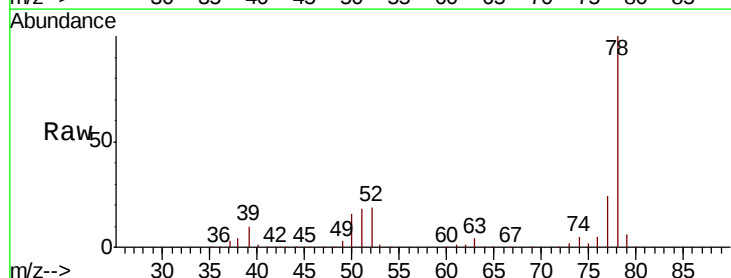


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

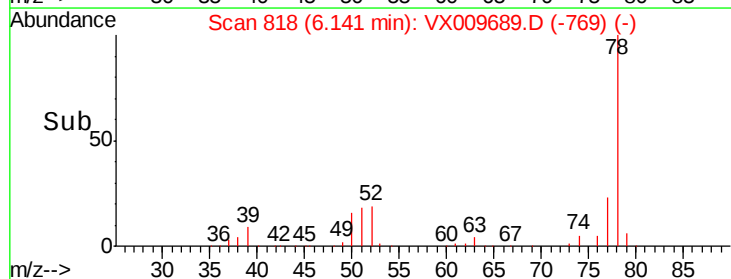
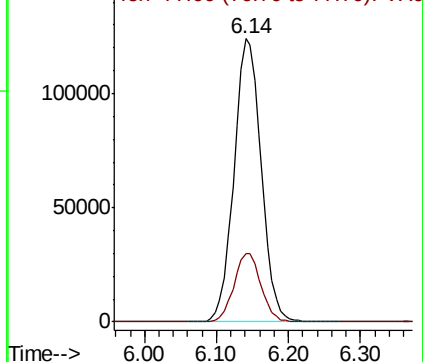


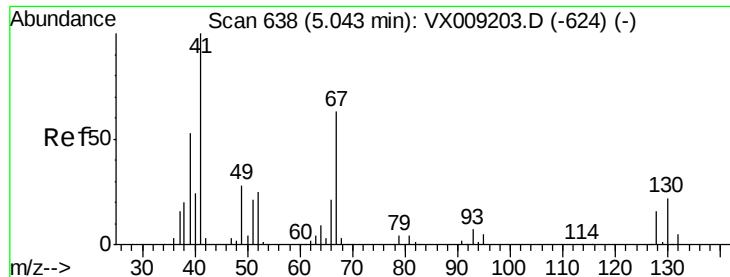
#40
Benzene
Concen: 50.108 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009689.D
Acq: 18 May 2019 02:45

Tgt Ion: 78 Resp: 324127
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

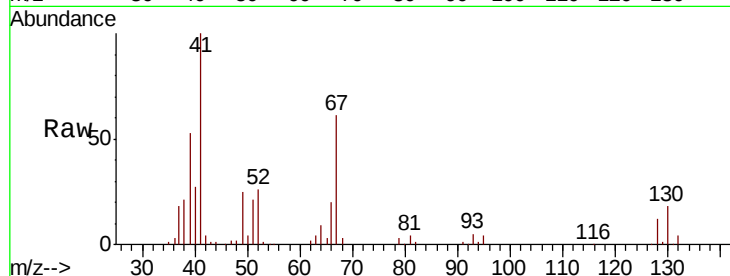




#41
Methacrylonitrile
Concen: 53.906 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX009689.D
Acq: 18 May 2019 02:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	93448
Ion	Ratio	Lower	Upper
41	100		
39	54.9	42.0	63.0
67	61.9	49.8	74.8
52	26.2	20.3	30.5



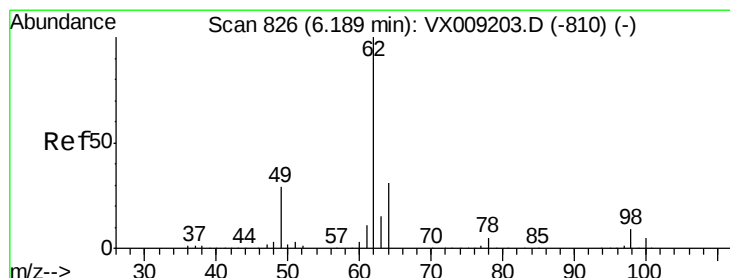
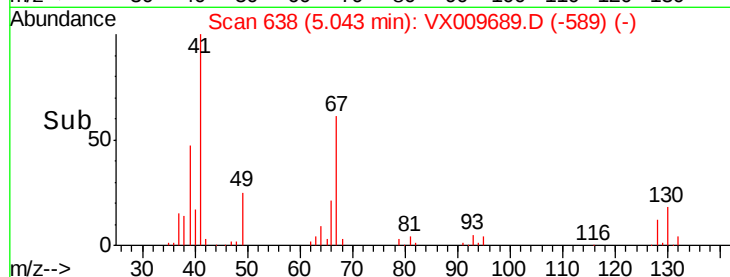
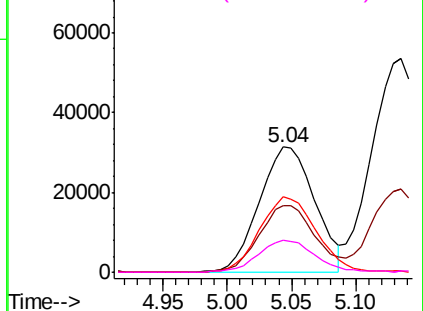
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

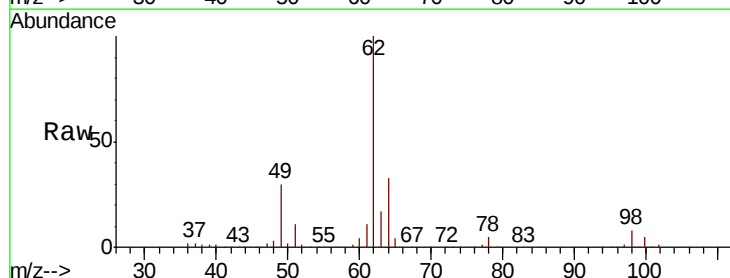
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 53.092 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX009689.D
Acq: 18 May 2019 02:45

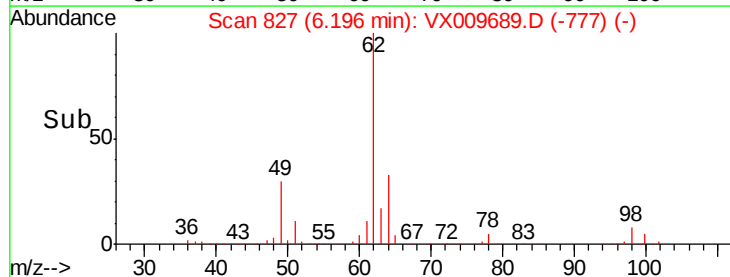
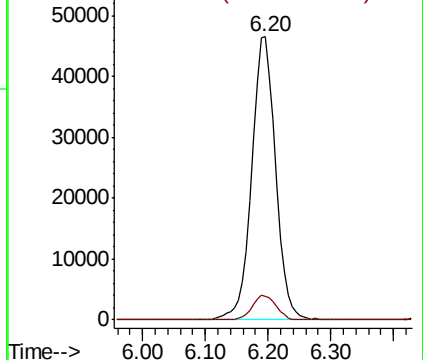
Tgt Ion:	62	Resp:	123194
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	18.2

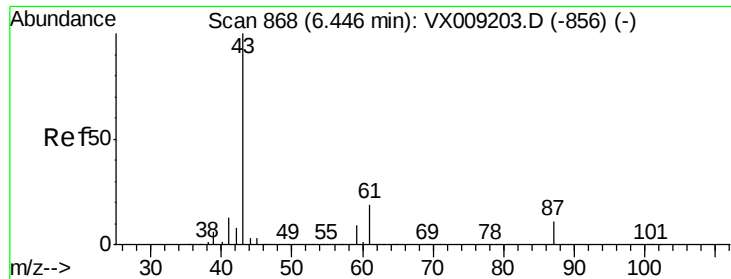


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



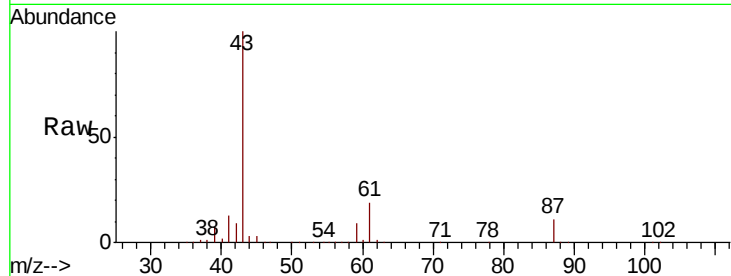


#43

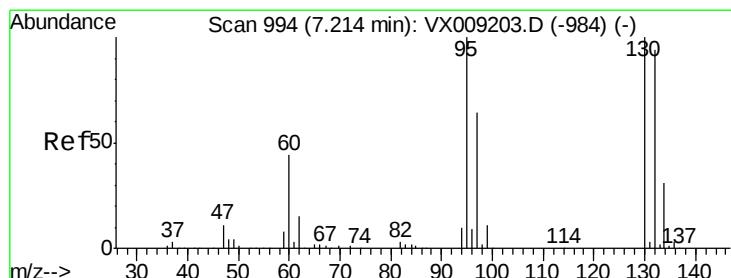
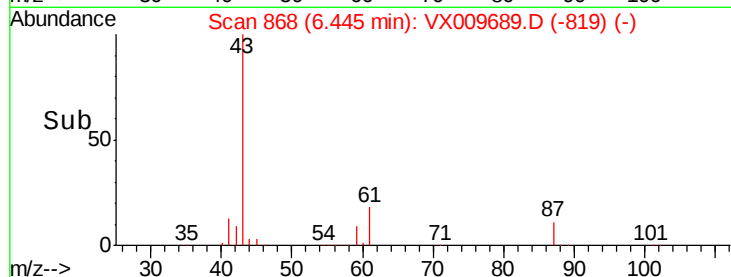
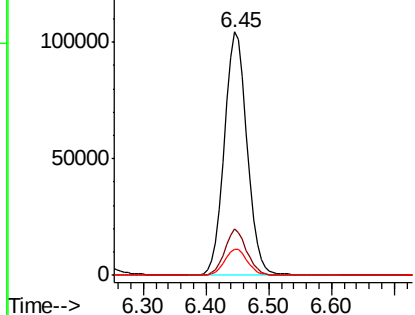
Isopropyl Acetate
 Concen: 56.048 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX009689.D
 Acq: 18 May 2019 02:45

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion: 43 Resp: 261080
 Ion Ratio Lower Upper
 43 100
 61 18.6 15.1 22.7
 87 10.9 9.0 13.6



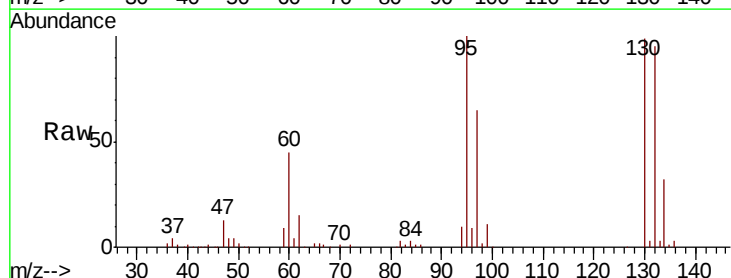
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



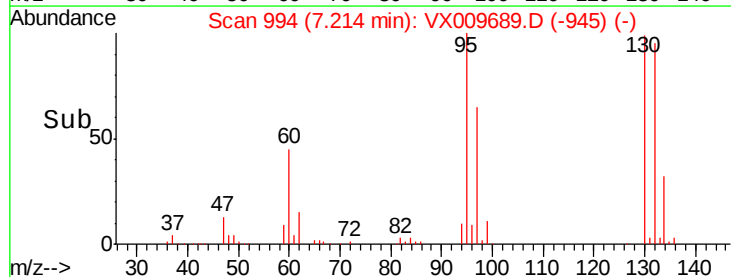
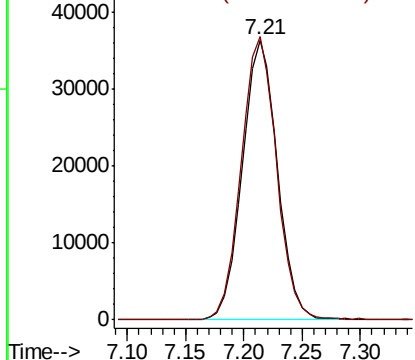
#44

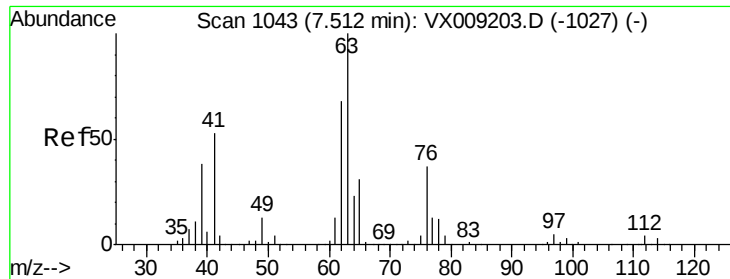
Trichloroethene
 Concen: 48.995 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009689.D
 Acq: 18 May 2019 02:45

Tgt Ion:130 Resp: 76619
 Ion Ratio Lower Upper
 130 100
 95 101.1 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

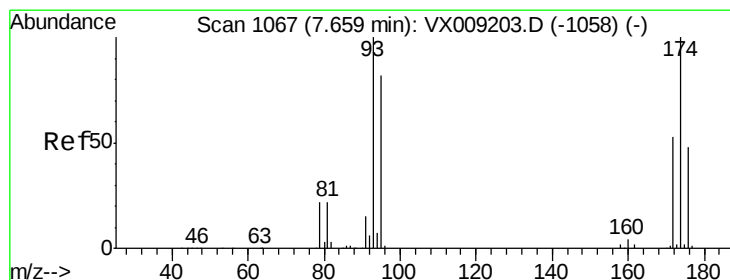
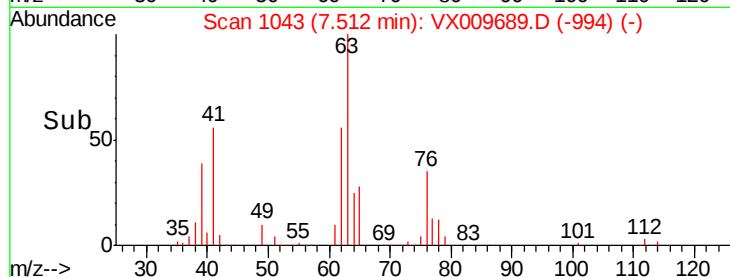
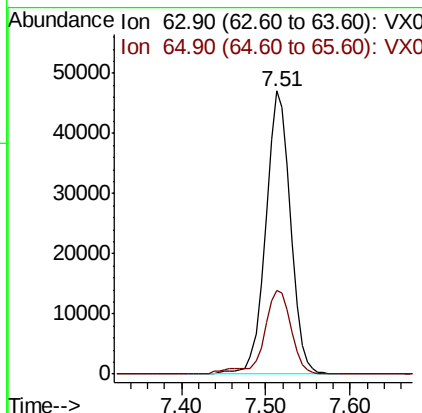
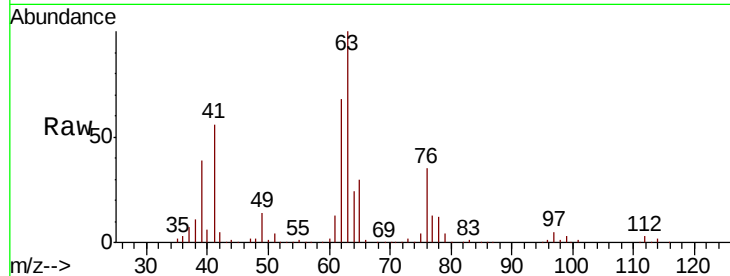




#45
1,2-Dichloropropane
Concen: 52.210 ug/l
RT: 7.51 min Scan# 1043
Delta R.T. -0.00 min
Lab File: VX009689.D
Acq: 18 May 2019 02:45

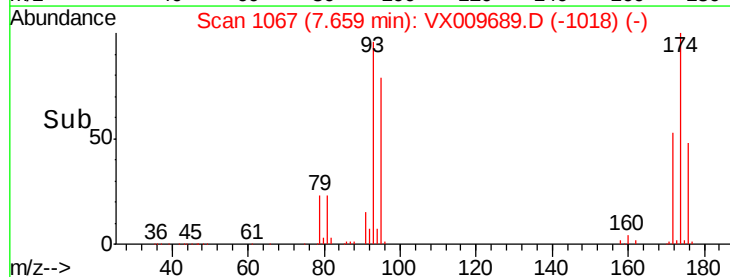
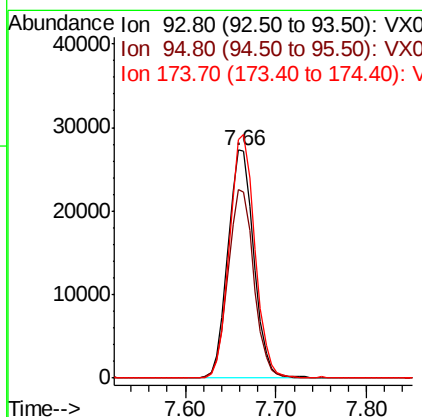
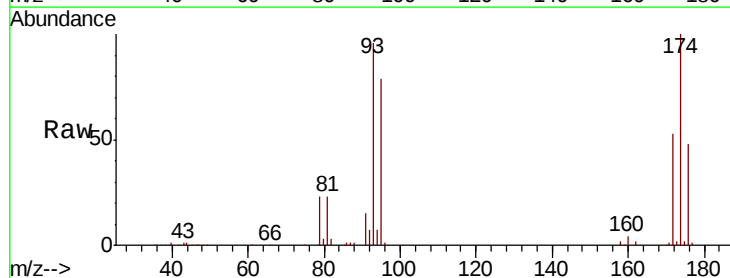
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

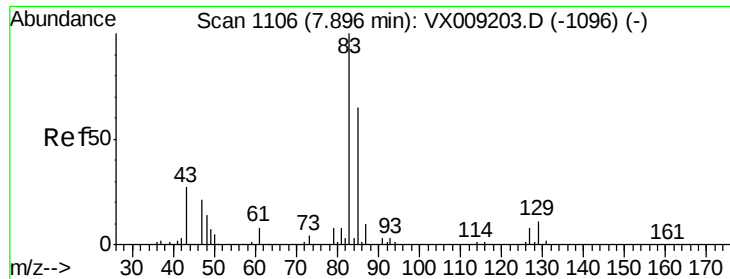
Tot Ion: 63 Resp: 95630
Ion Ratio Lower Upper
63 100
65 29.6 25.0 37.6



#46
Dibromomethane
Concen: 51.004 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VX009689.D
Acq: 18 May 2019 02:45

Tgt Ion: 93 Resp: 54250
Ion Ratio Lower Upper
93 100
95 82.3 66.5 99.7
174 104.2 82.1 123.1





#47

Bromodichloromethane

Concen: 52.362 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009689.D

Acq: 18 May 2019 02:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

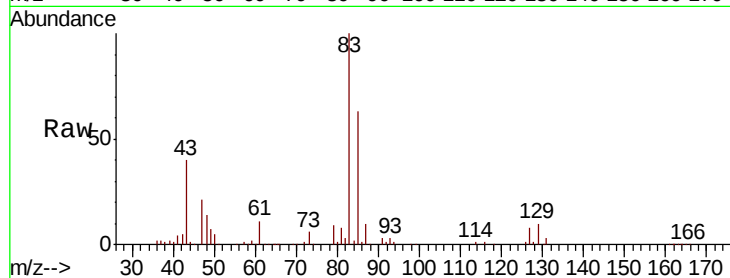
Tot Ion: 83 Resp: 111096

Ion Ratio Lower Upper

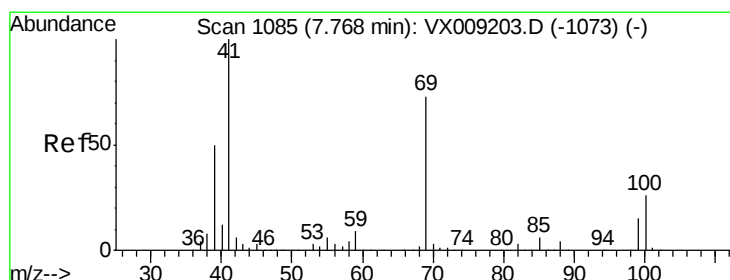
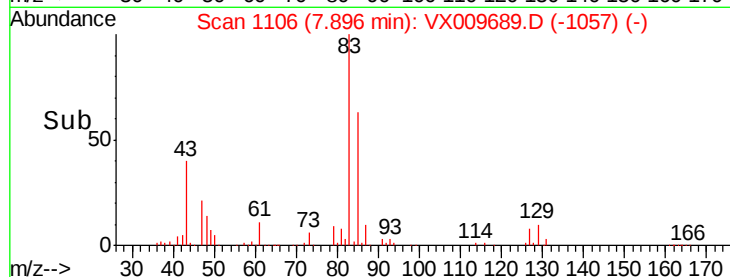
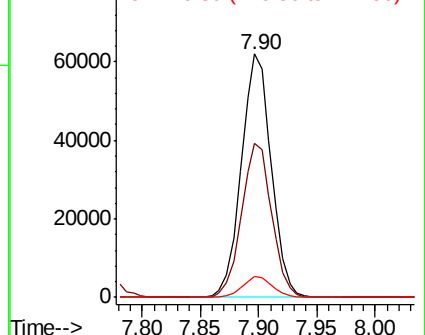
83 100

85 63.4 52.4 78.6

127 8.4 6.6 10.0



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



#48

Methyl methacrylate

Concen: 56.925 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009689.D

Acq: 18 May 2019 02:45

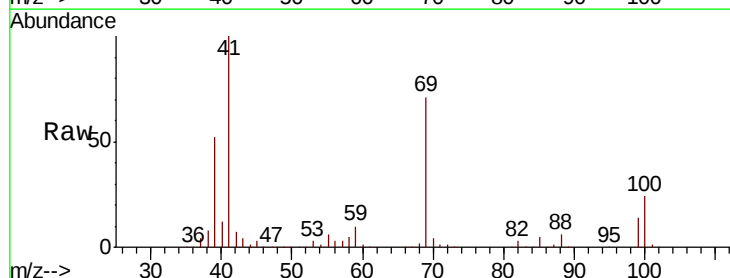
Tgt Ion: 41 Resp: 131557

Ion Ratio Lower Upper

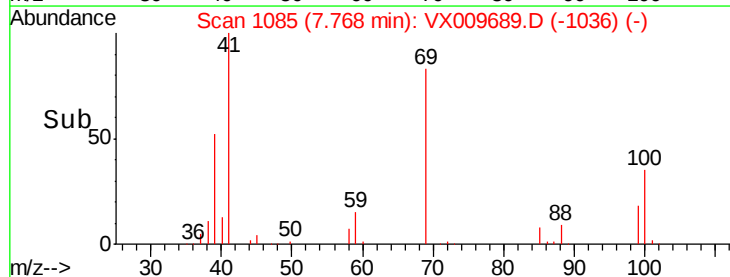
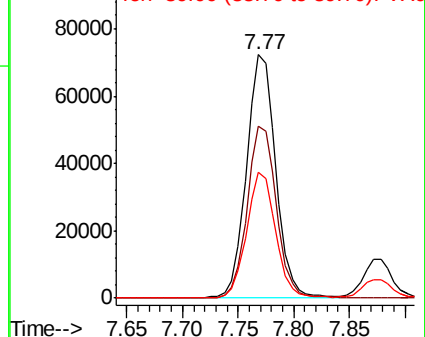
41 100

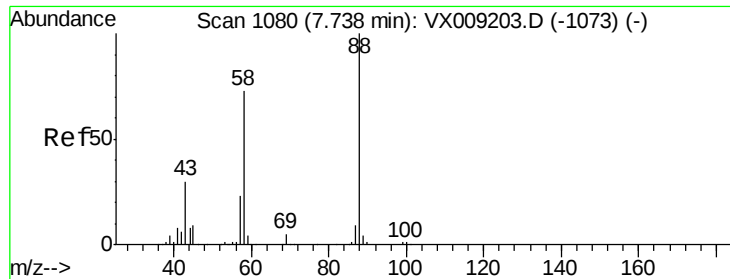
69 71.0 59.1 88.7

39 51.3 40.4 60.6



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

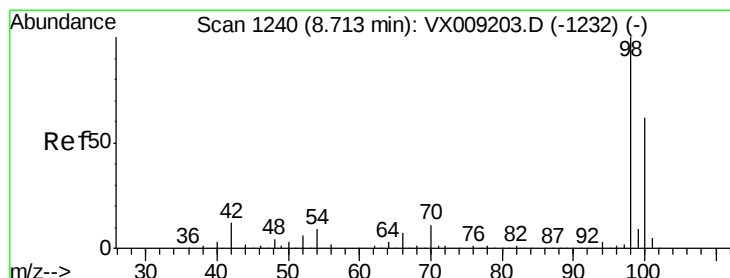
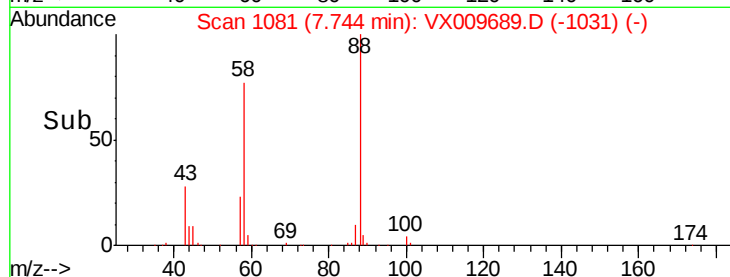
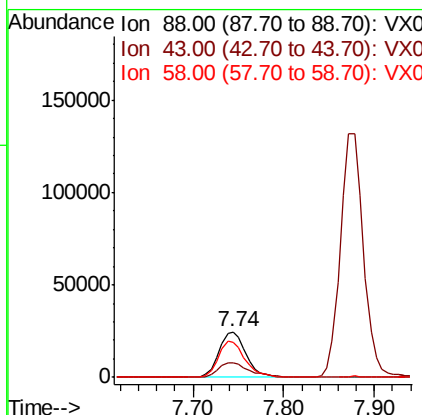
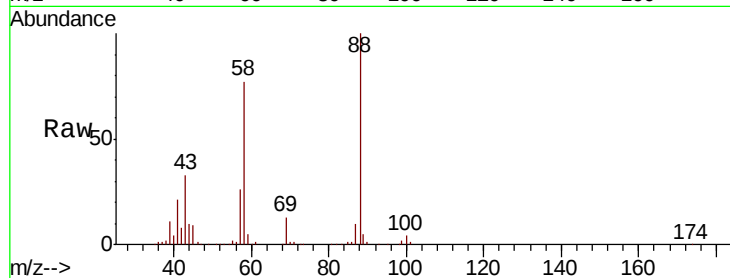




#49
 1,4-Dioxane
 Concen: 1089.388 ug/l
 RT: 7.74 min Scan# 1081
 Delta R.T. 0.01 min
 Lab File: VX009689.D
 Acq: 18 May 2019 02:45

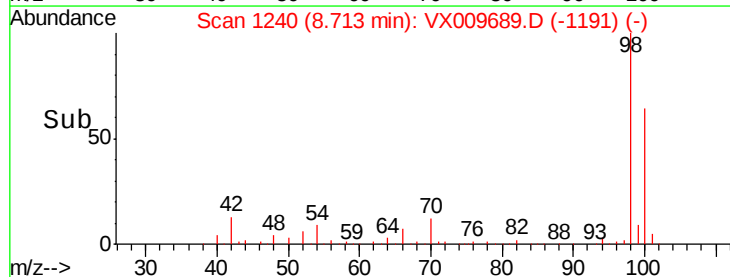
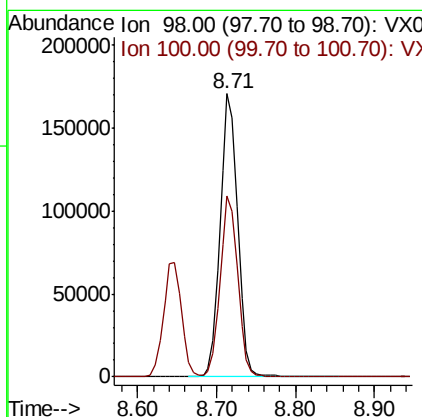
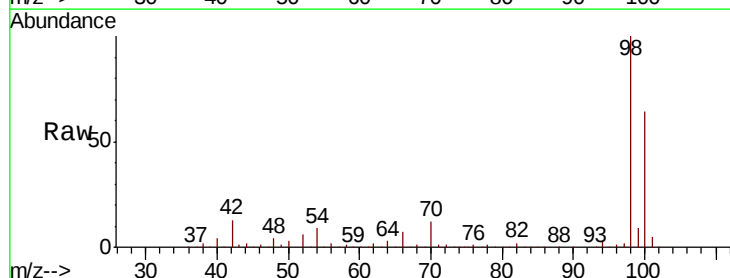
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

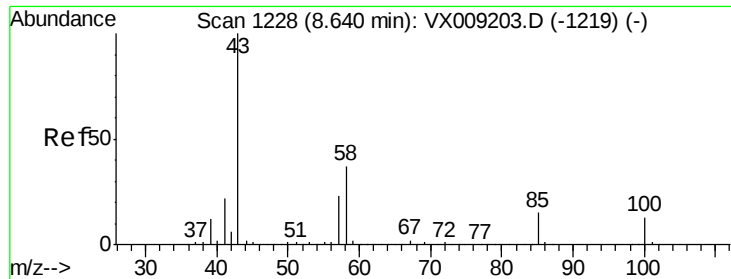
Tot Ion: 88 Resp: 51057
 Ion Ratio Lower Upper
 88 100
 43 37.2 28.6 42.8
 58 79.7 61.7 92.5



#50
 Toluene-d8
 Concen: 46.203 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX009689.D
 Acq: 18 May 2019 02:45

Tgt Ion: 98 Resp: 263734
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 298.138 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009689.D

Acq: 18 May 2019 02:45

Instrument :

MSVOA_X

ClientSampleId :

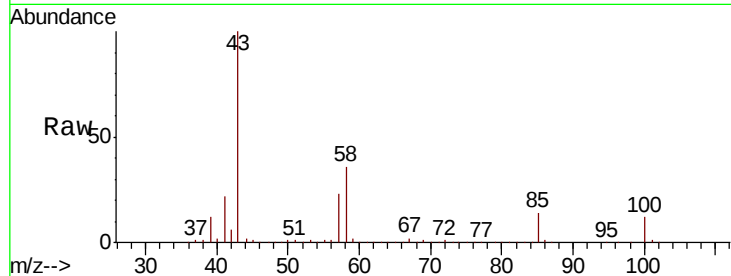
VSTDCCC050

Tot Ion: 43 Resp: 907737

Ion Ratio Lower Upper

43 100

58 36.1 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

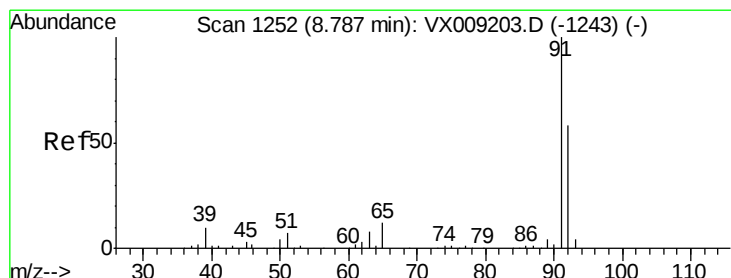
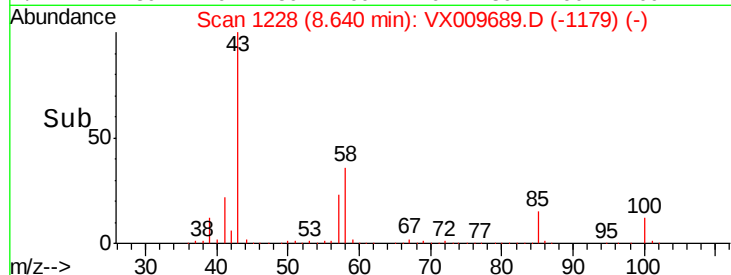
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 50.717 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009689.D

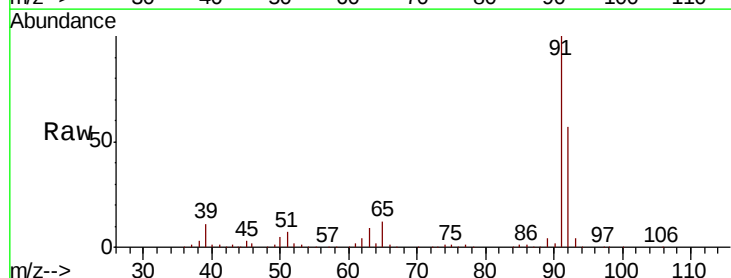
Acq: 18 May 2019 02:45

Tgt Ion: 92 Resp: 199425

Ion Ratio Lower Upper

92 100

91 174.4 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

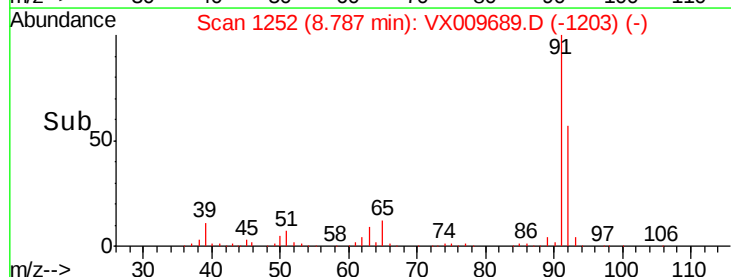
150000

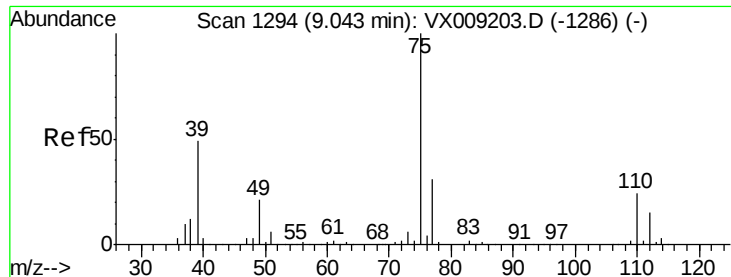
100000

50000

0

Time-->

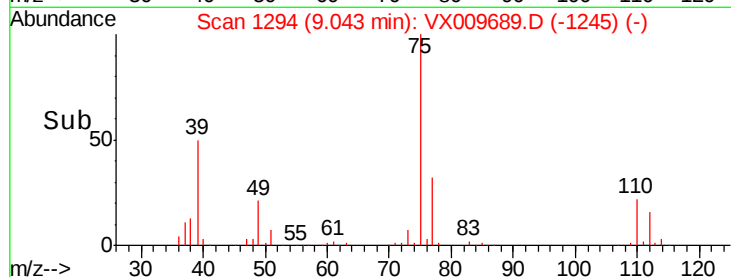
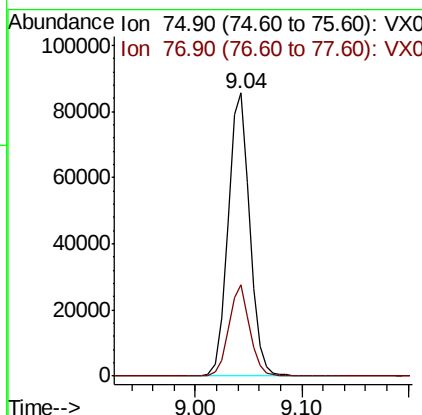
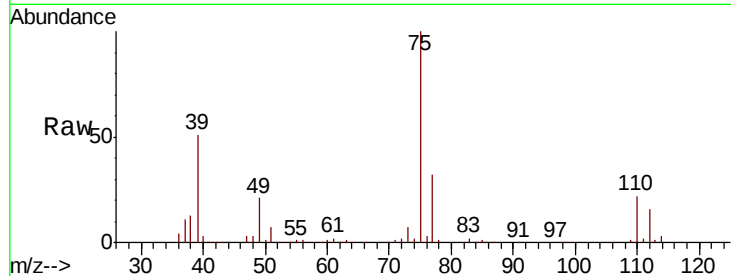




#53
 t-1,3-Dichloropropene
 Concen: 50.976 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX009689.D
 Acq: 18 May 2019 02:45

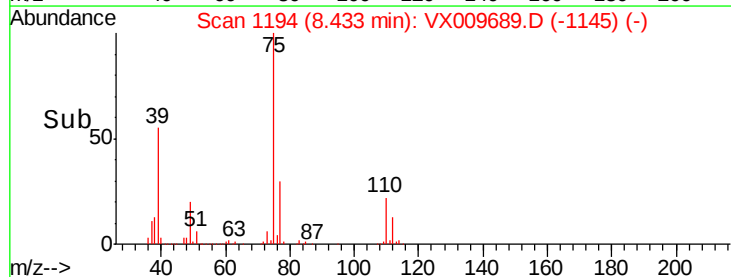
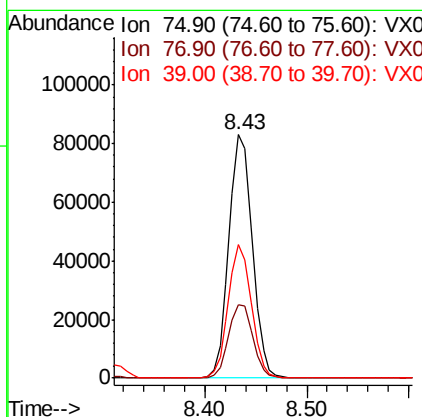
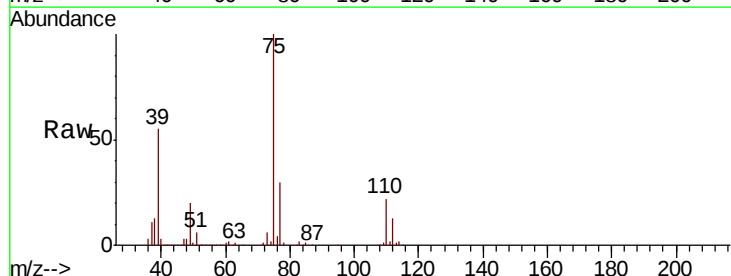
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

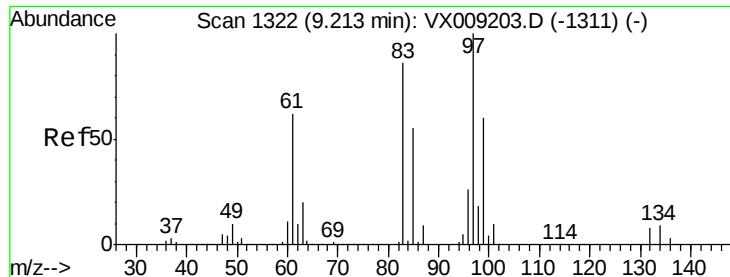
Tot Ion: 75 Resp: 122110
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 49.825 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009689.D
 Acq: 18 May 2019 02:45

Tgt Ion: 75 Resp: 132105
 Ion Ratio Lower Upper
 75 100
 77 30.2 24.6 36.8
 39 54.7 40.6 60.8

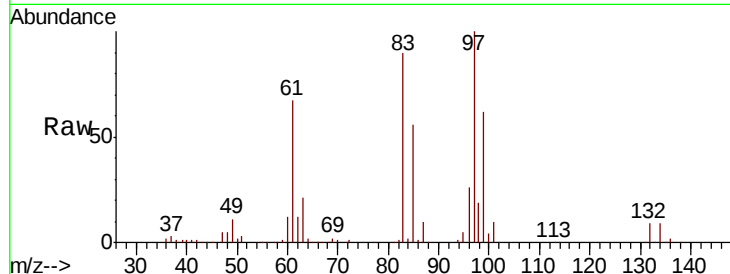




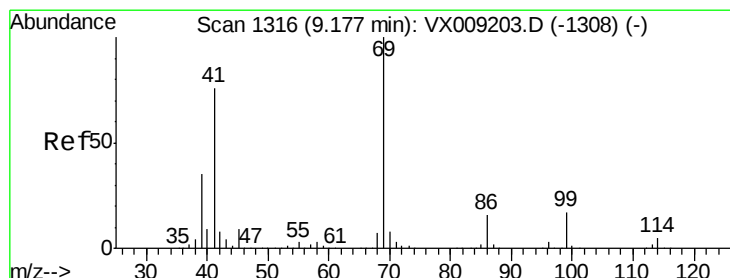
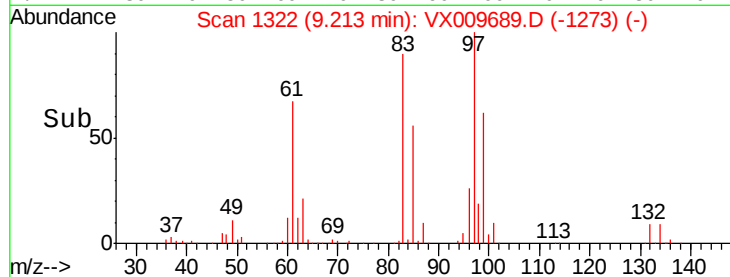
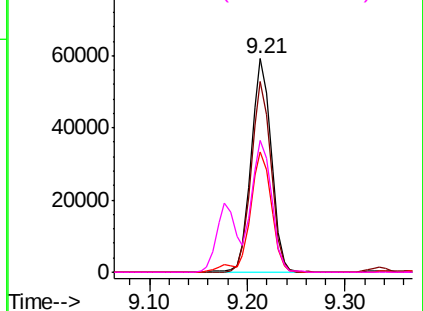
#55
 1,1,2-Trichloroethane
 Concen: 53.036 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009689.D
 Acq: 18 May 2019 02:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 85080
 Ion Ratio Lower Upper
 97 100
 83 89.6 68.9 103.3
 85 56.3 43.8 65.6
 99 61.8 48.2 72.2

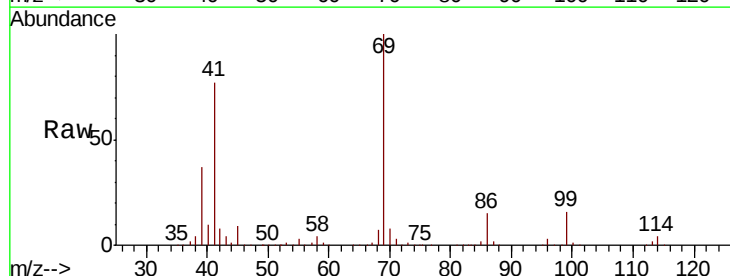


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

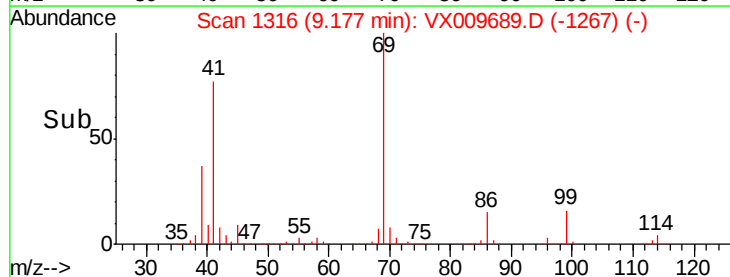
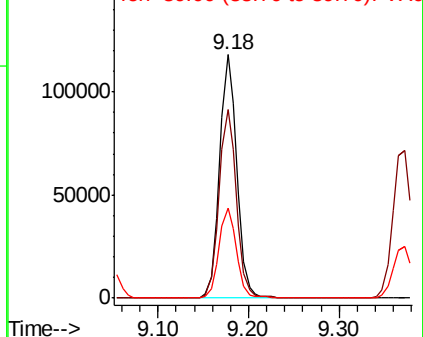


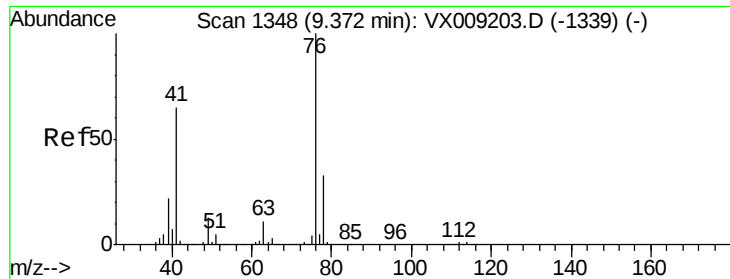
#56
 Ethyl methacrylate
 Concen: 55.176 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009689.D
 Acq: 18 May 2019 02:45

Tgt Ion: 69 Resp: 158000
 Ion Ratio Lower Upper
 69 100
 41 77.9 60.6 90.8
 39 36.8 28.2 42.4



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

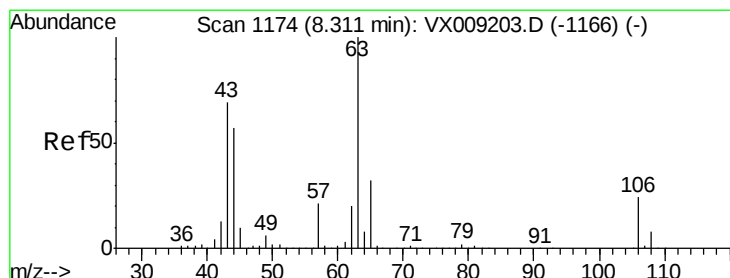
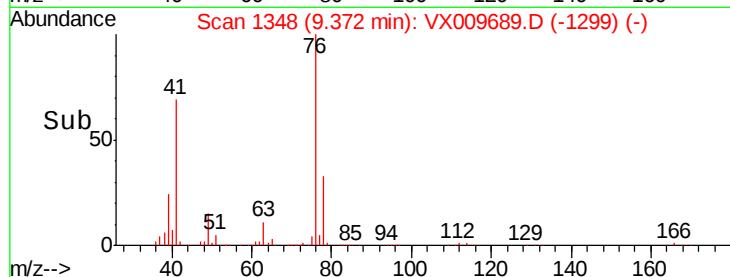
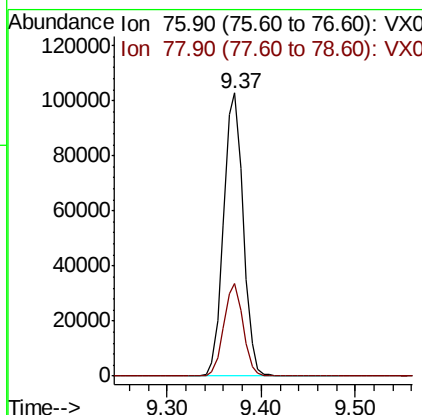
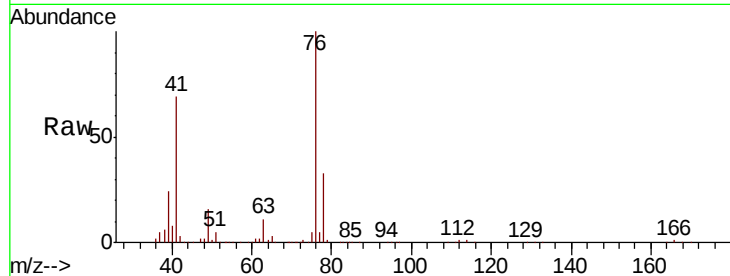




#57
 1,3-Dichloropropane
 Concen: 52.608 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX009689.D
 Acq: 18 May 2019 02:45

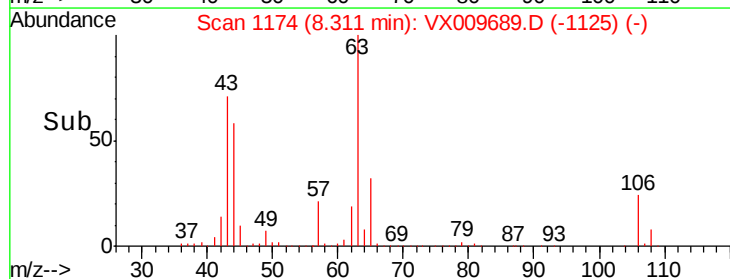
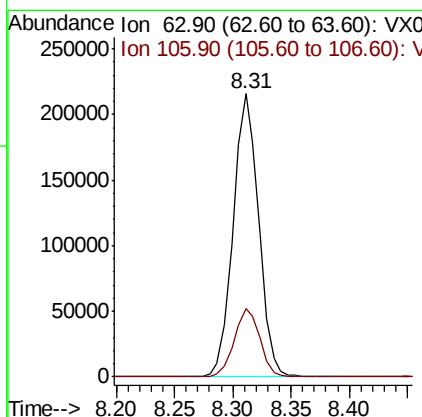
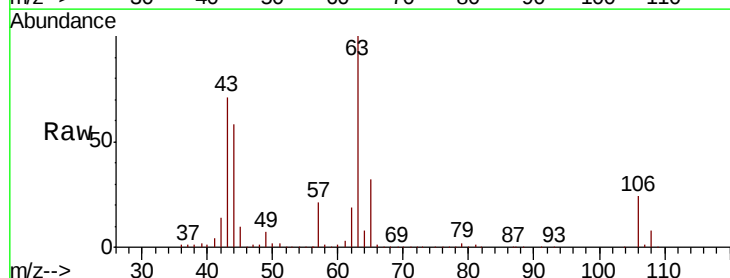
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

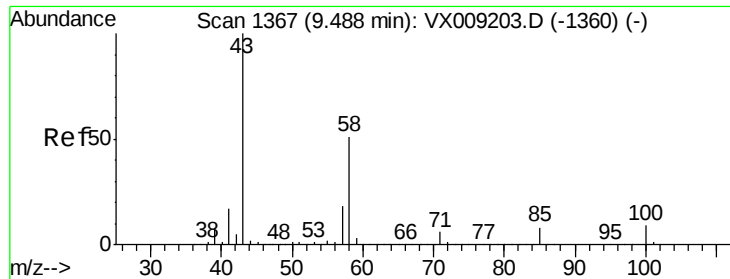
Tot Ion: 76 Resp: 148511
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 216.798 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX009689.D
 Acq: 18 May 2019 02:45

Tgt Ion: 63 Resp: 329340
 Ion Ratio Lower Upper
 63 100
 106 24.2 19.7 29.5

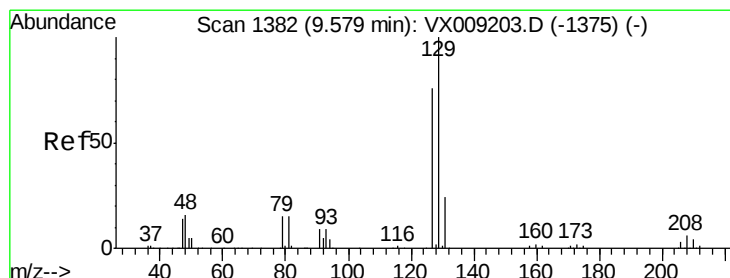
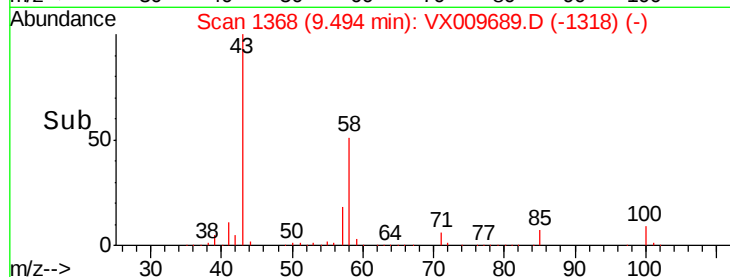
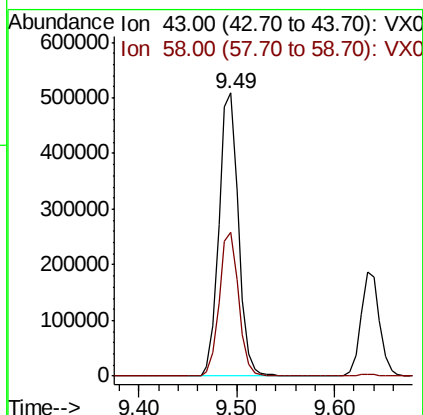
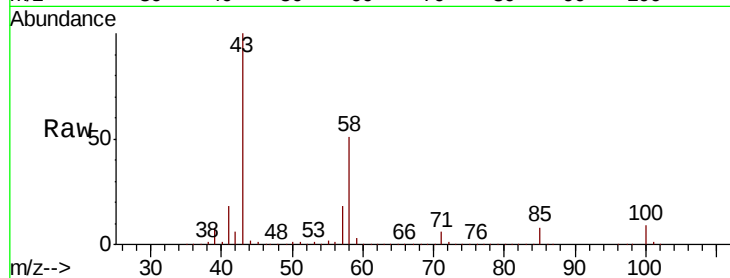




#59
2-Hexanone
Concen: 293.494 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX009689.D
Acq: 18 May 2019 02:45

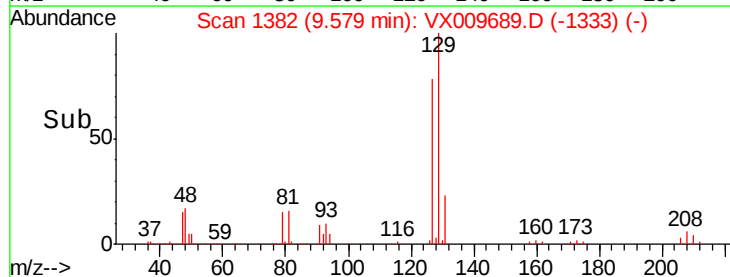
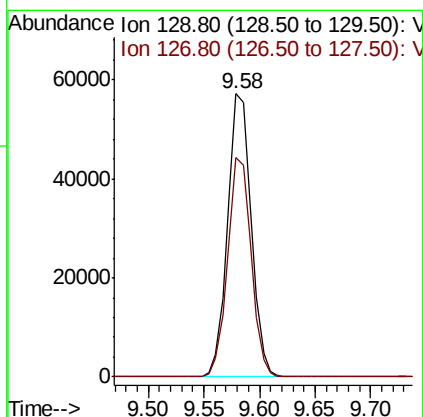
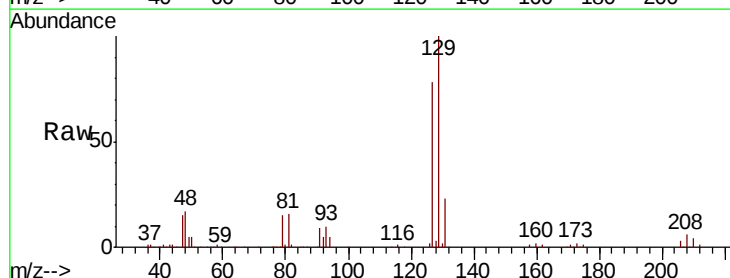
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

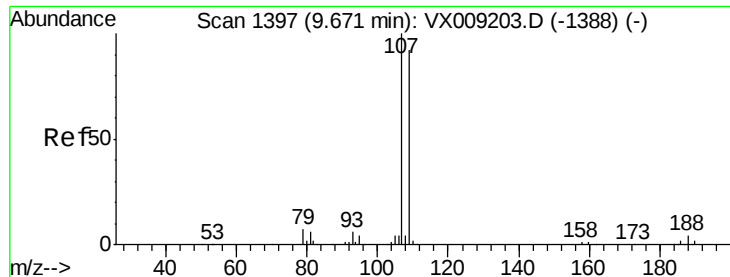
Tot Ion: 43 Resp: 701821
Ion Ratio Lower Upper
43 100
58 50.5 25.9 77.7



#60
Dibromochloromethane
Concen: 53.656 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009689.D
Acq: 18 May 2019 02:45

Tgt Ion:129 Resp: 84067
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.1





#61

1,2-Dibromoethane

Concen: 52.865 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009689.D

Acq: 18 May 2019 02:45

Instrument :

MSVOA_X

ClientSampleId :

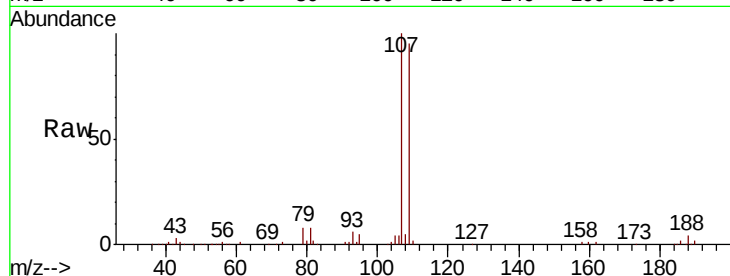
VSTDCCC050

Tot Ion:107 Resp: 85605

Ion Ratio Lower Upper

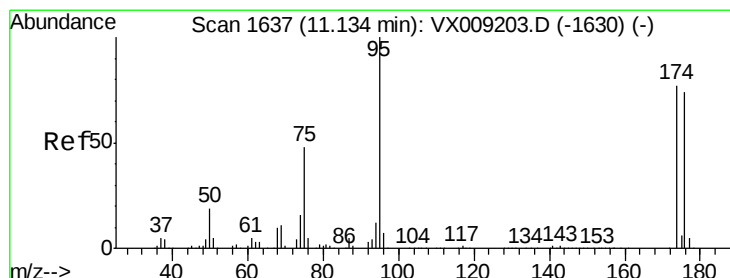
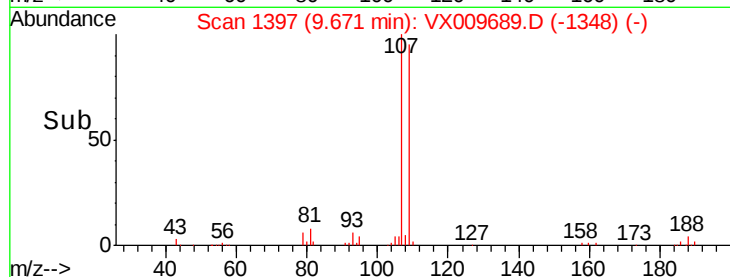
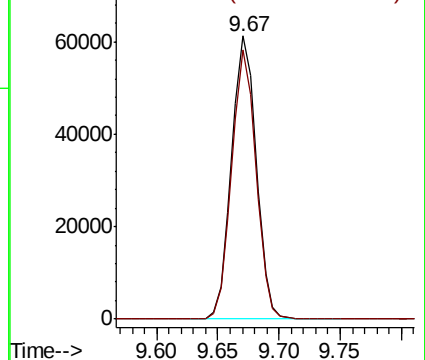
107 100

109 93.5 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.471 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009689.D

Acq: 18 May 2019 02:45

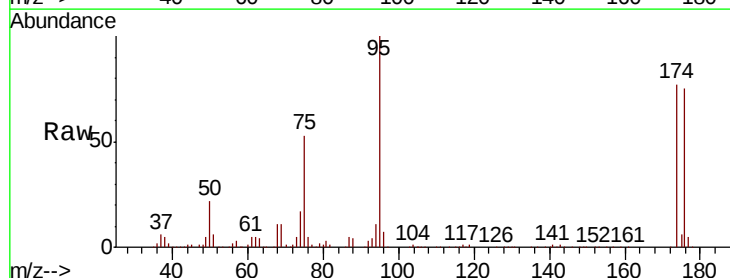
Tgt Ion: 95 Resp: 100536

Ion Ratio Lower Upper

95 100

174 81.8 0.0 161.6

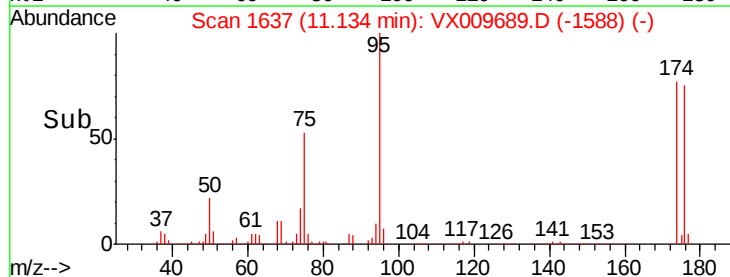
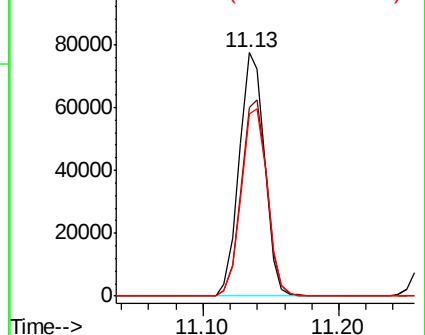
176 79.4 0.0 159.2

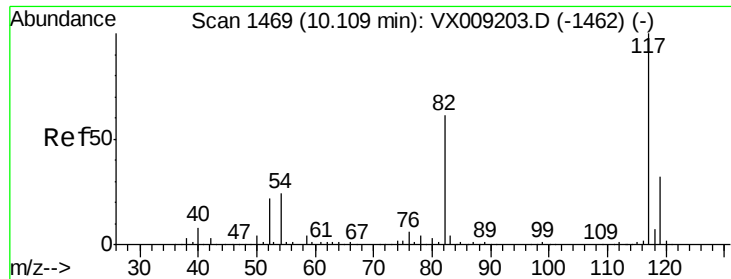


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

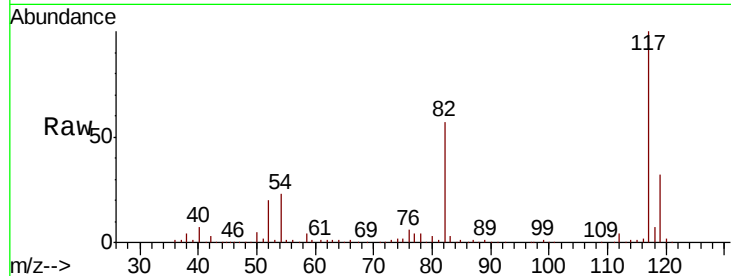




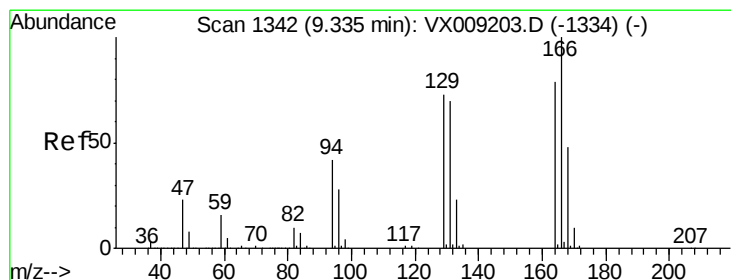
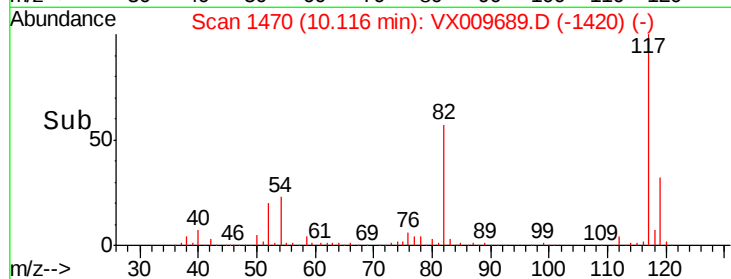
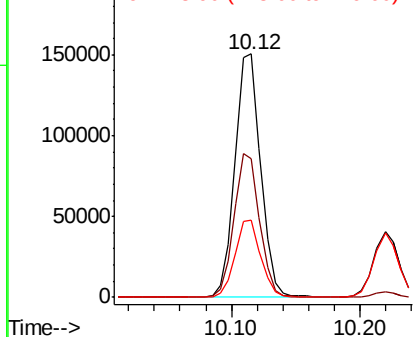
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009689.D
Acq: 18 May 2019 02:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 209864
Ion Ratio Lower Upper
117 100
82 57.2 48.8 73.2
119 31.9 25.8 38.6



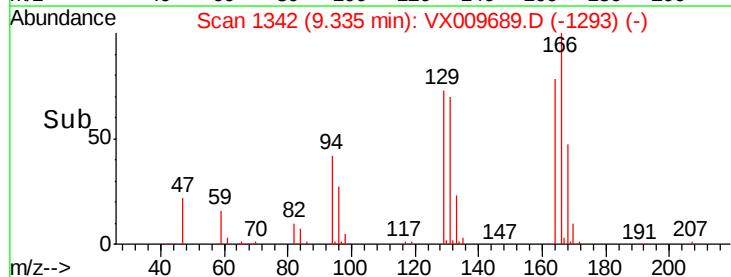
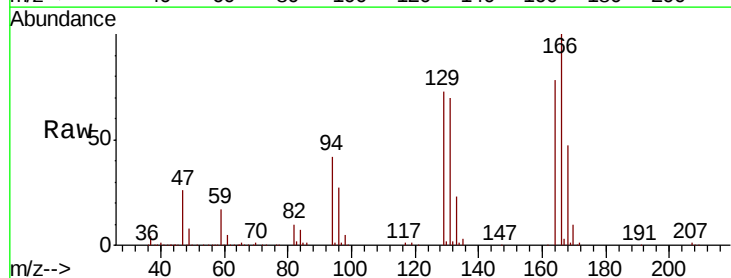
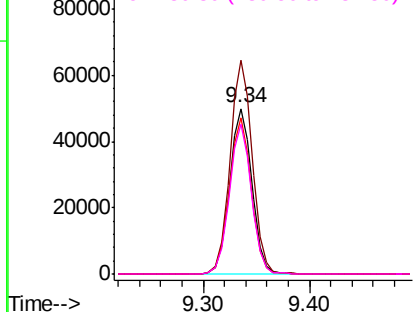
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

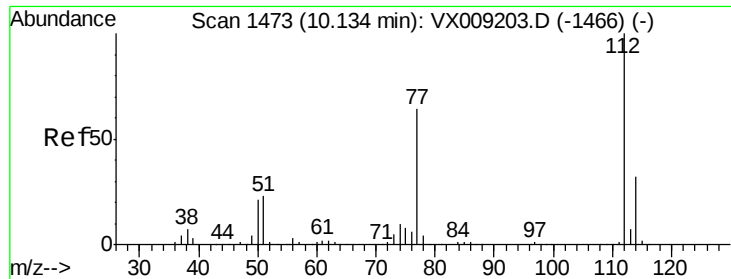


#64
Tetrachloroethene
Concen: 51.011 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009689.D
Acq: 18 May 2019 02:45

Tgt Ion:164 Resp: 73434
Ion Ratio Lower Upper
164 100
166 128.9 101.2 151.8
129 94.0 74.3 111.5
131 90.4 71.0 106.6

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

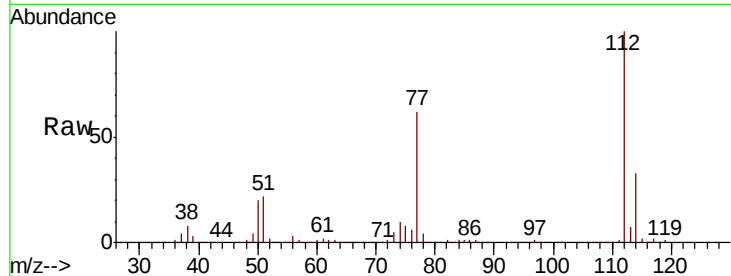




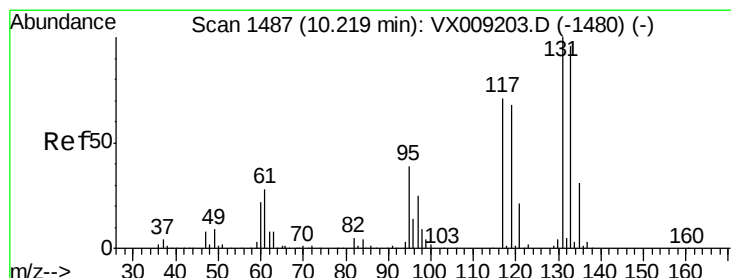
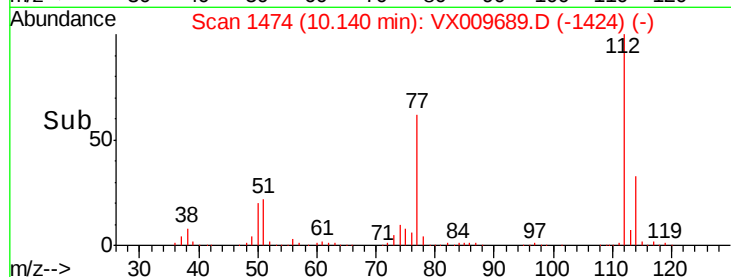
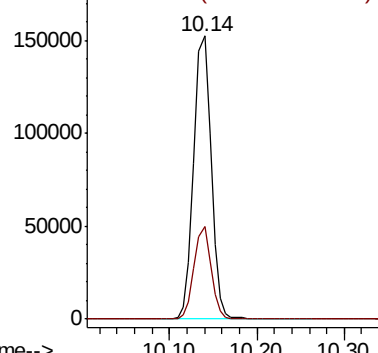
#65
Chlorobenzene
Concen: 50.405 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009689.D
Acq: 18 May 2019 02:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 211612
Ion Ratio Lower Upper
112 100
114 32.7 25.5 38.3

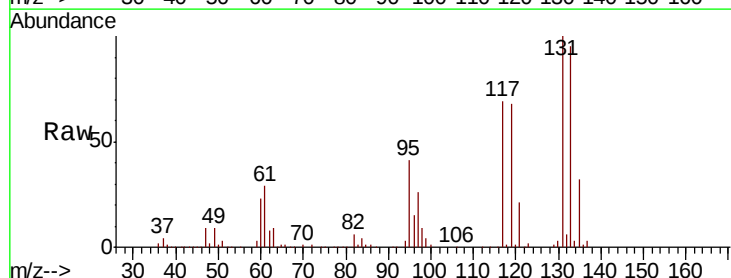


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

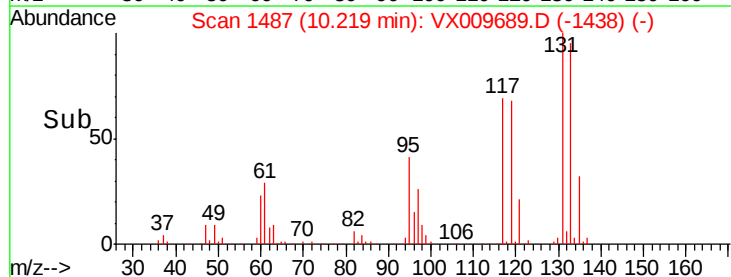
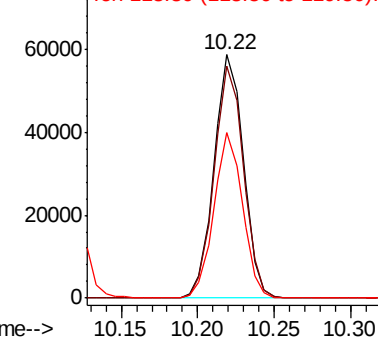


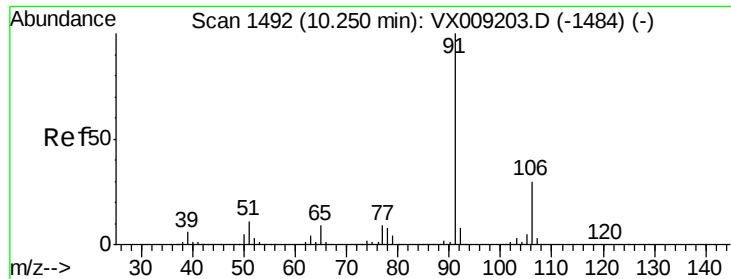
#66
1,1,1,2-Tetrachloroethane
Concen: 51.611 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009689.D
Acq: 18 May 2019 02:45

Tgt Ion:131 Resp: 78554
Ion Ratio Lower Upper
131 100
133 95.1 47.7 143.1
119 66.2 33.5 100.4



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 49.976 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX009689.D

Acq: 18 May 2019 02:45

Instrument :

MSVOA_X

ClientSampleId :

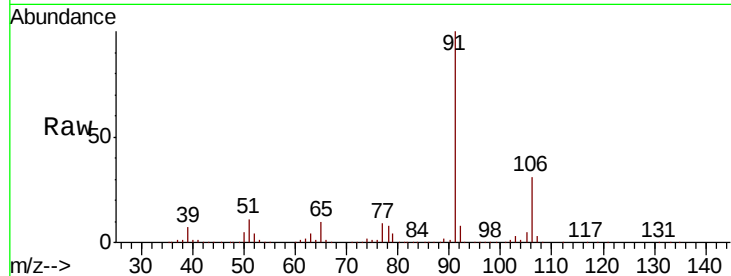
VSTDCCC050

Tot Ion: 91 Resp: 386128

Ion Ratio Lower Upper

91 100

106 30.7 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

500000

400000

300000

200000

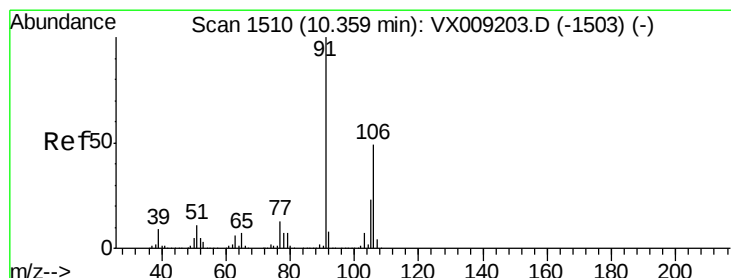
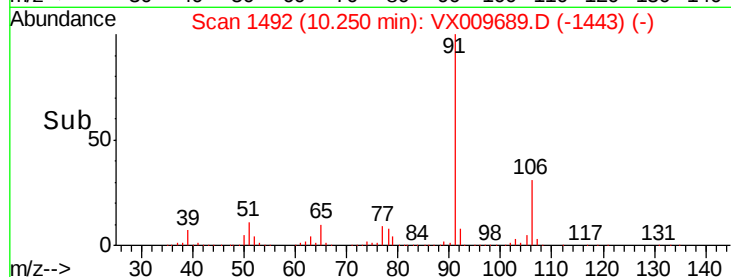
100000

0

10.20

10.30

Time-->



#68

m/p-Xylenes

Concen: 99.908 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX009689.D

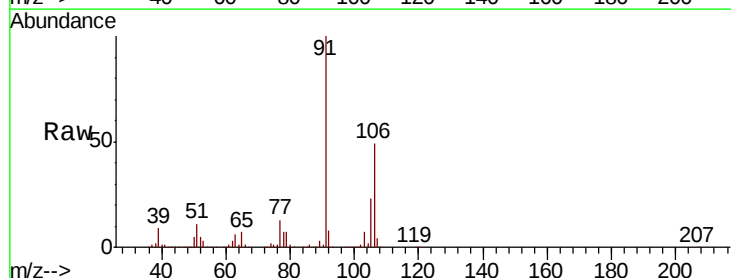
Acq: 18 May 2019 02:45

Tgt Ion: 106 Resp: 282086

Ion Ratio Lower Upper

106 100

91 209.1 164.0 246.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

500000

400000

300000

200000

100000

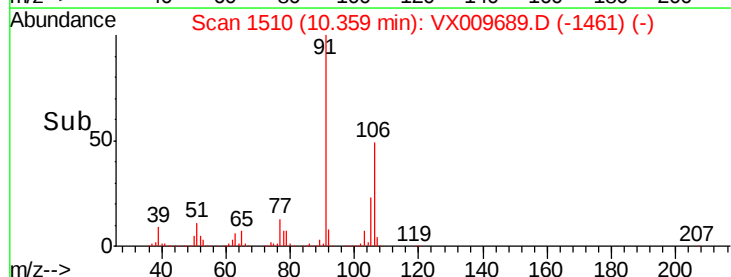
0

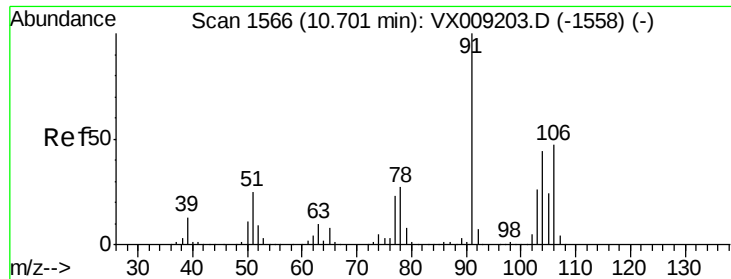
10.30

10.40

10.50

Time-->

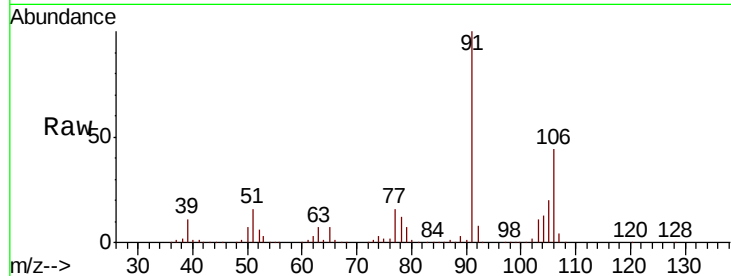




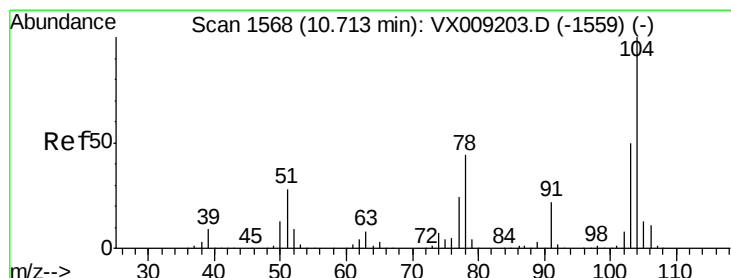
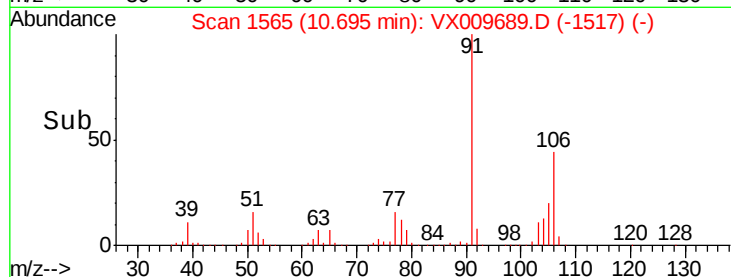
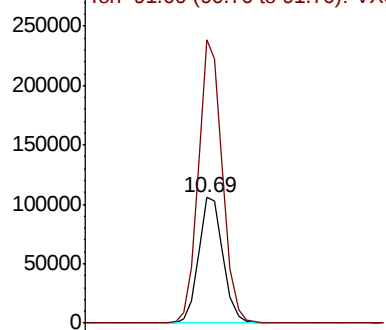
#69
o-Xylene
Concen: 50.418 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009689.D
Acq: 18 May 2019 02:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 140453
Ion Ratio Lower Upper
106 100
91 221.5 109.5 328.4

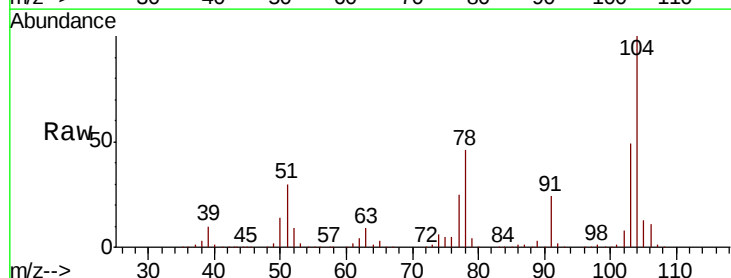


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

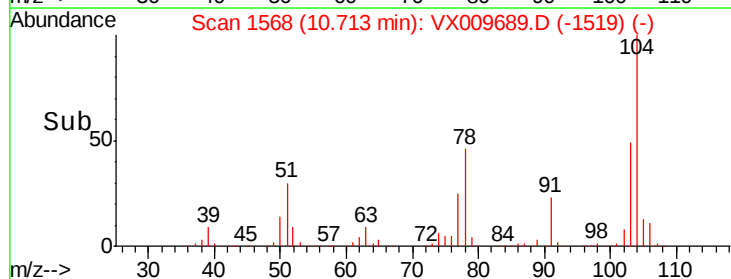
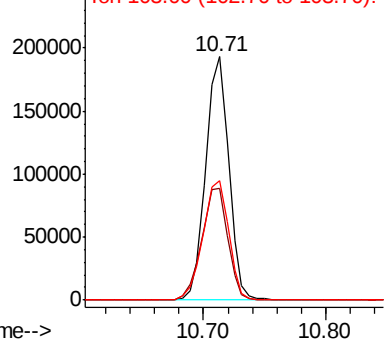


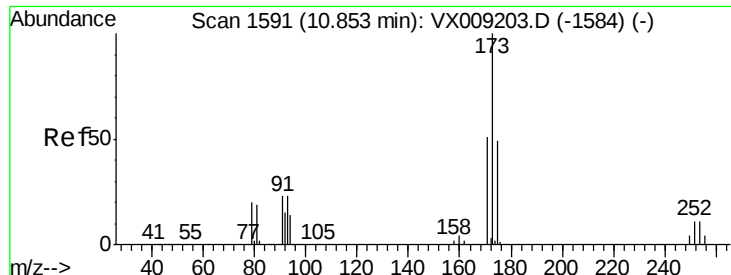
#70
Styrene
Concen: 51.725 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009689.D
Acq: 18 May 2019 02:45

Tgt Ion:104 Resp: 250444
Ion Ratio Lower Upper
104 100
78 52.5 41.0 61.4
103 55.2 43.8 65.6



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





#71

Bromoform

Concen: 53.699 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX009689.D

Acq: 18 May 2019 02:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

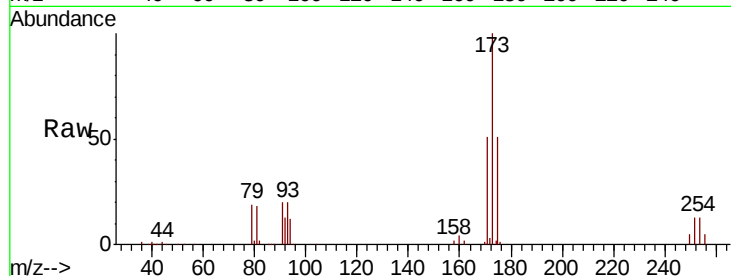
Tot Ion:173 Resp: 66419

Ion Ratio Lower Upper

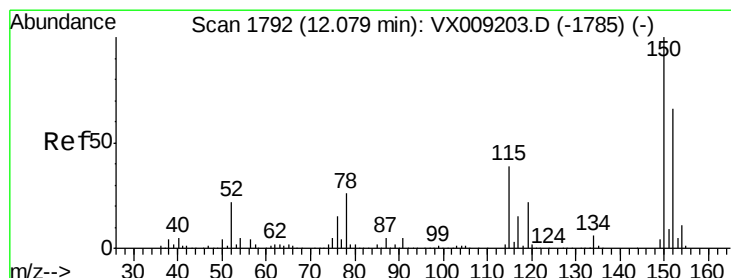
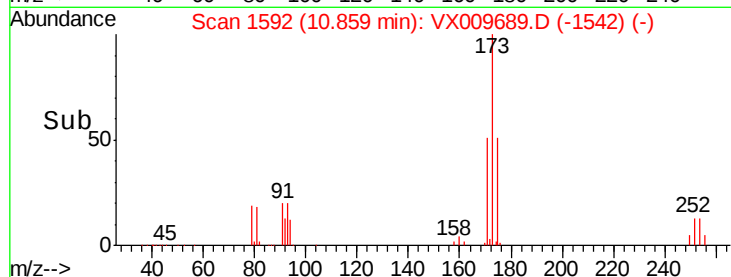
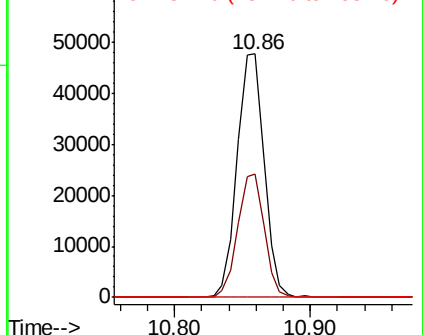
173 100

175 49.7 24.5 73.5

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009689.D

Acq: 18 May 2019 02:45

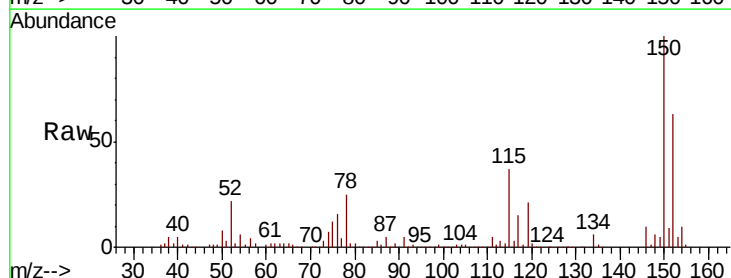
Tgt Ion:152 Resp: 105027

Ion Ratio Lower Upper

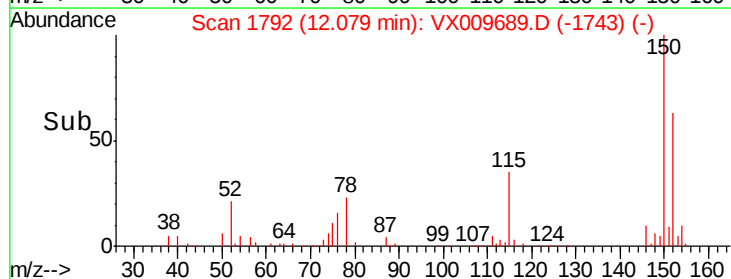
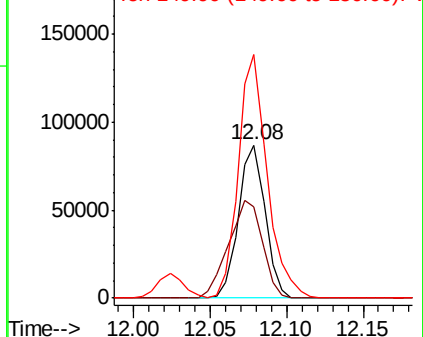
152 100

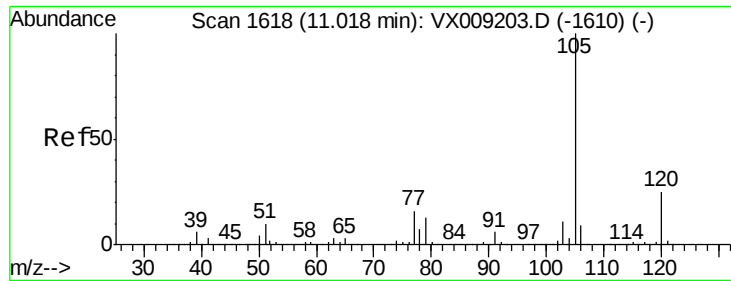
115 81.3 41.2 123.6

150 172.6 0.0 346.4



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: 48.612 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009689.D

Acq: 18 May 2019 02:45

Instrument :

MSVOA_X

ClientSampleId :

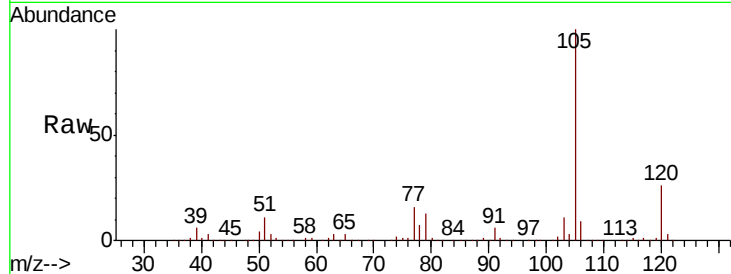
VSTDCCC050

Tot Ion:105 Resp: 371270

Ion Ratio Lower Upper

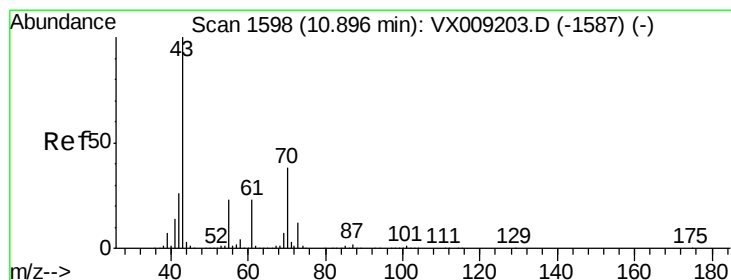
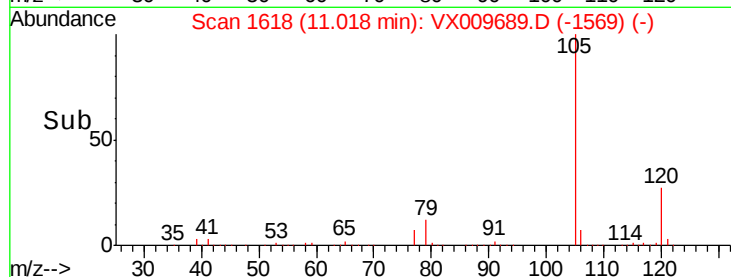
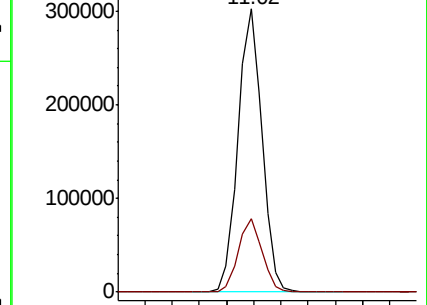
105 100

120 25.8 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.435 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009689.D

Acq: 18 May 2019 02:45

Tgt Ion: 43 Resp: 237930

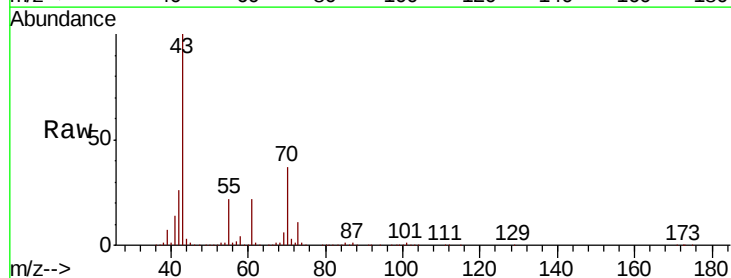
Ion Ratio Lower Upper

43 100

70 36.8 30.0 45.0

55 22.4 17.9 26.9

61 21.9 18.4 27.6

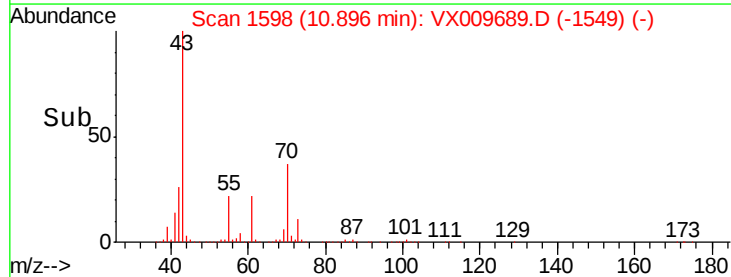
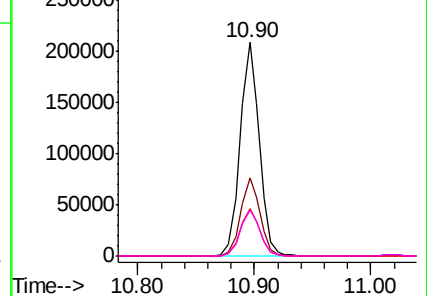


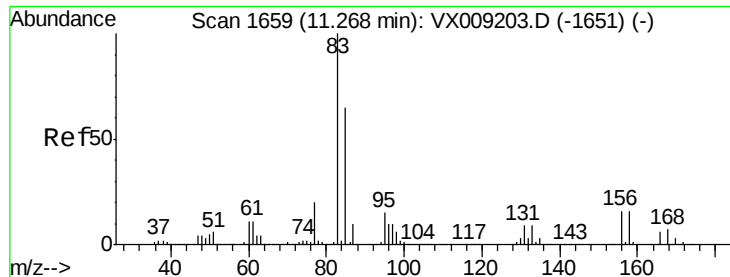
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.107 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009689.D

Acq: 18 May 2019 02:45

Instrument :

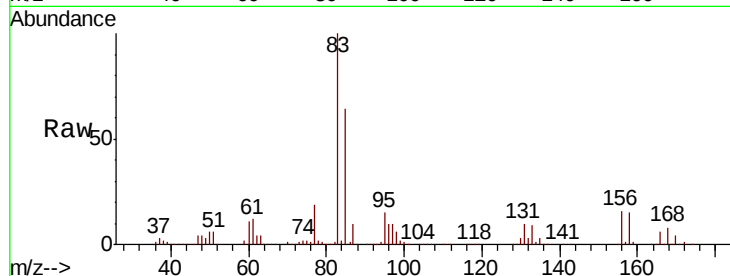
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 145508

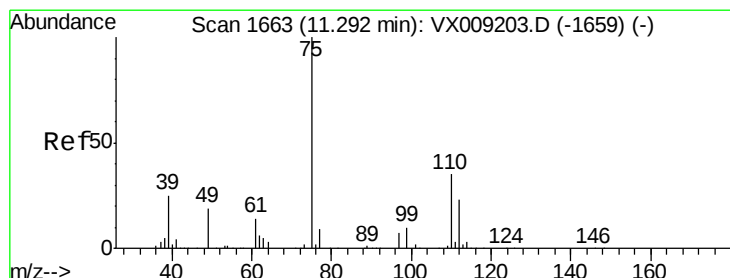
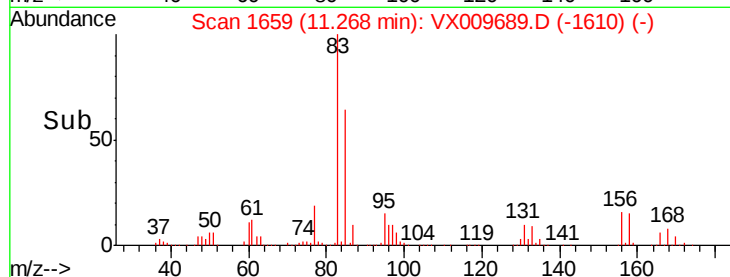
Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.6	13.8
85	64.1	32.0	96.2



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: 69.145 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009689.D

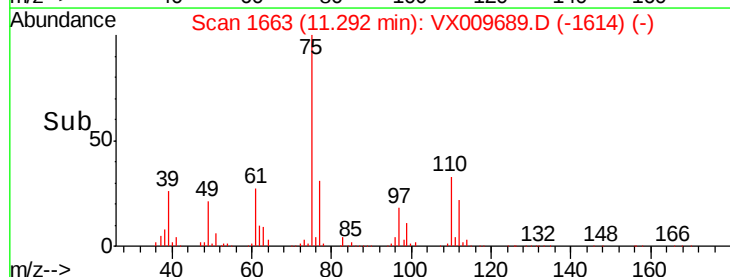
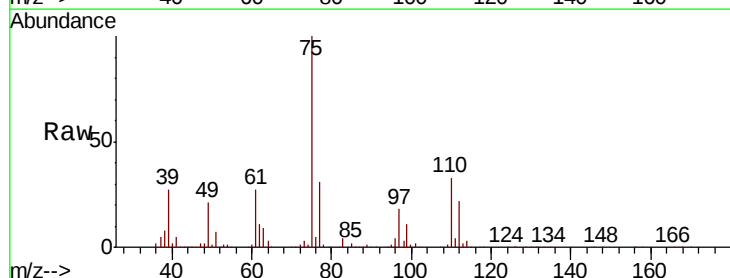
Acq: 18 May 2019 02:45

Tgt Ion: 75 Resp: 168455

Ion	Ratio	Lower	Upper
75	100		
77	32.1	22.1	66.1

Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.863 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009689.D

Acq: 18 May 2019 02:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

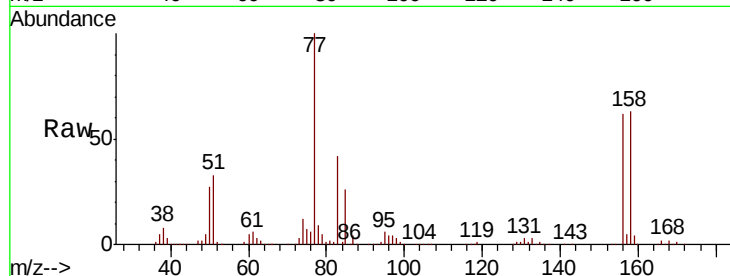
Tot Ion:156 Resp: 94523

Ion Ratio Lower Upper

156 100

77 169.2 84.8 254.3

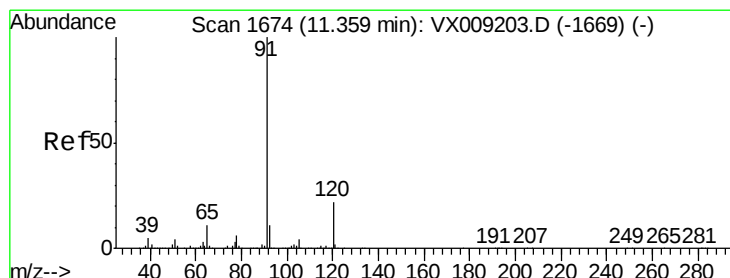
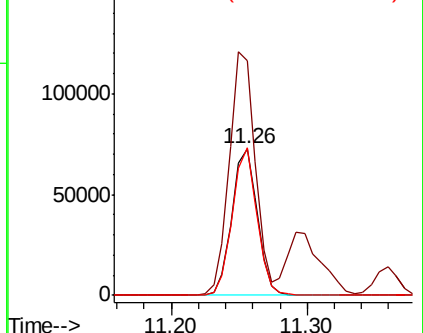
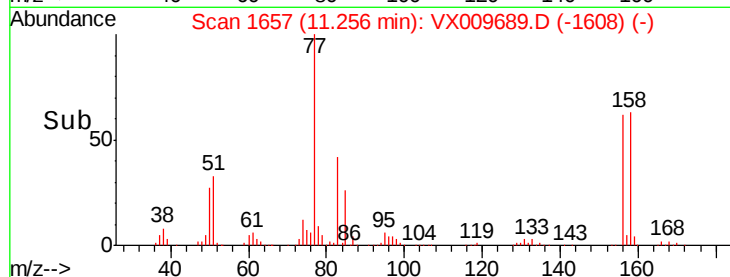
158 97.5 49.1 147.3



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: 49.180 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009689.D

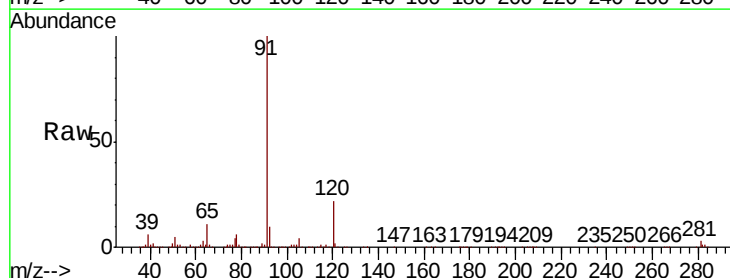
Acq: 18 May 2019 02:45

Tgt Ion: 91 Resp: 428963

Ion Ratio Lower Upper

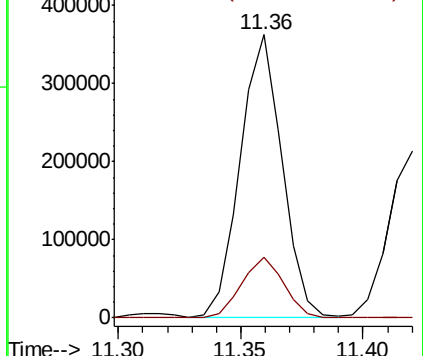
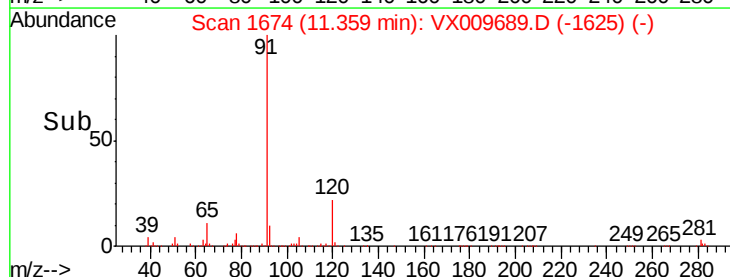
91 100

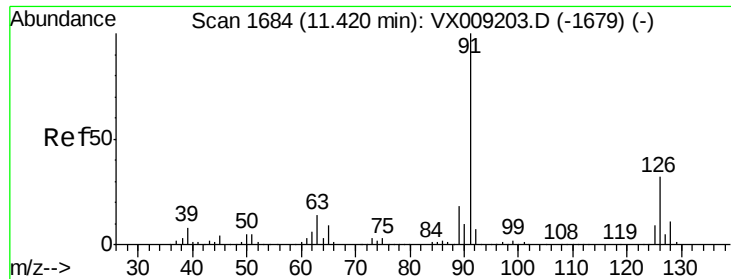
120 21.9 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

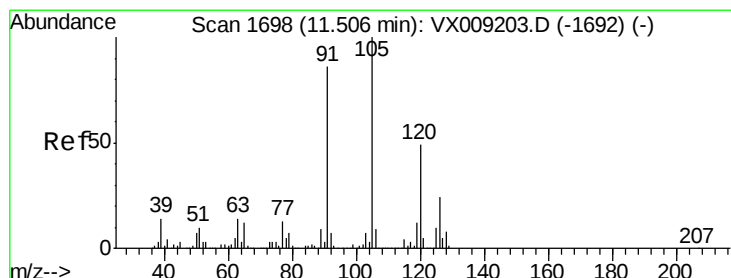
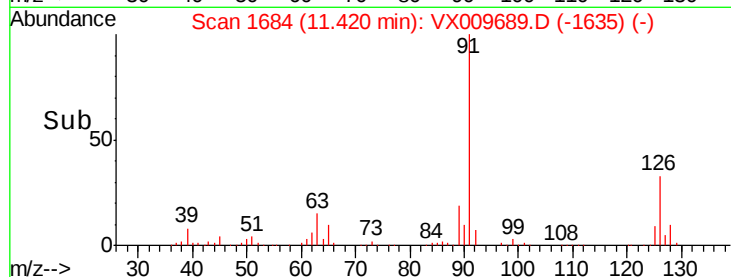
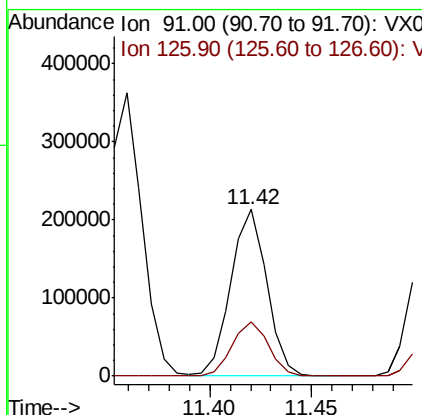
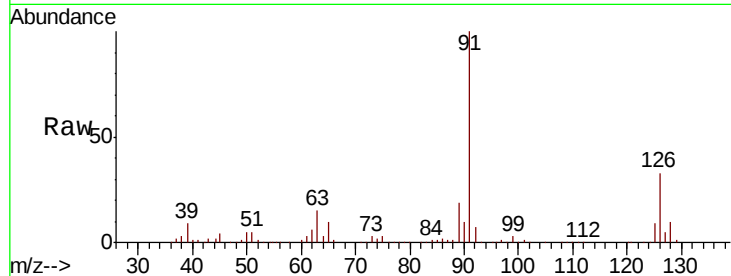




#79
 2-Chlorotoluene
 Concen: 48.189 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX009689.D
 Acq: 18 May 2019 02:45

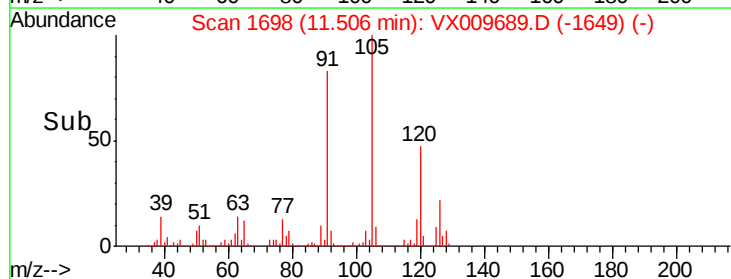
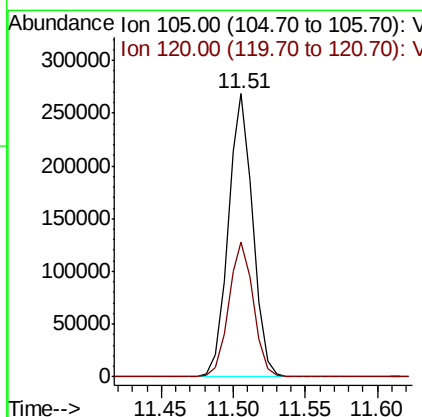
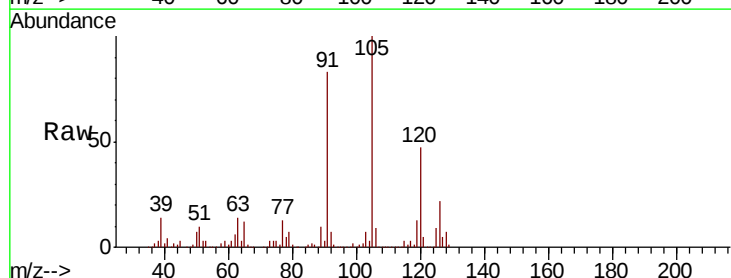
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

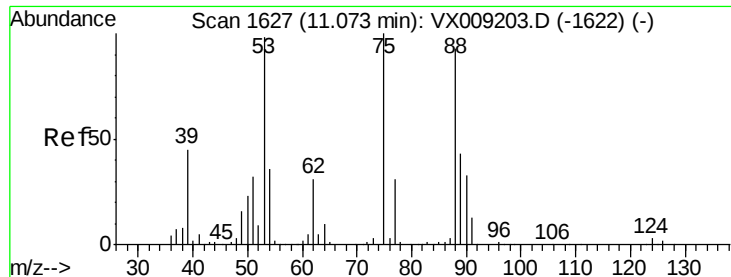
Tot Ion: 91 Resp: 259315
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 49.703 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009689.D
 Acq: 18 May 2019 02:45

Tgt Ion: 105 Resp: 319629
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 45.509 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009689.D

Acq: 18 May 2019 02:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

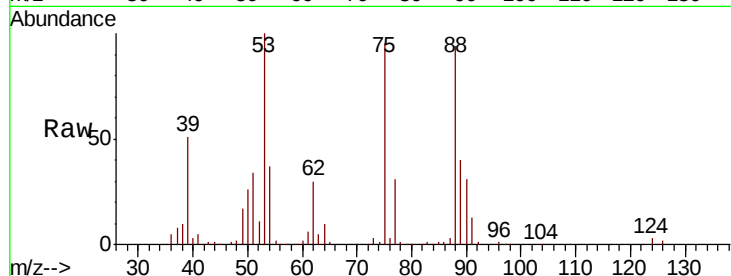
Tot Ion: 75 Resp: 43332

Ion Ratio Lower Upper

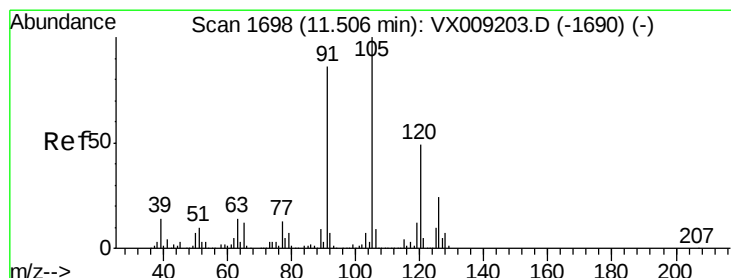
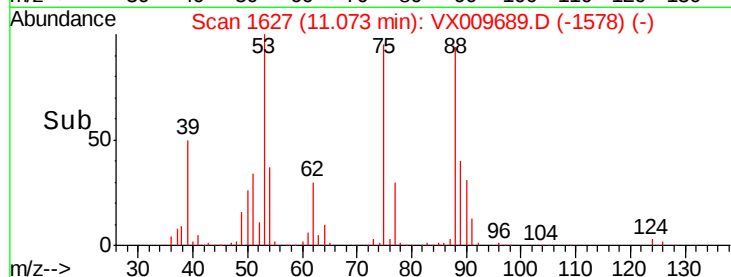
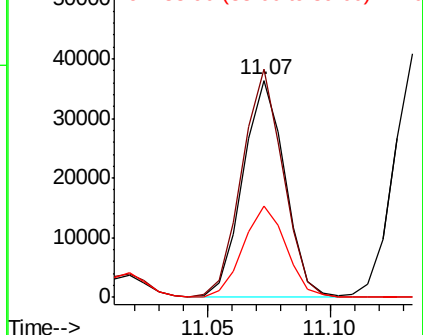
75 100

53 103.8 79.0 118.6

89 43.6 34.7 52.1



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: 49.546 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX009689.D

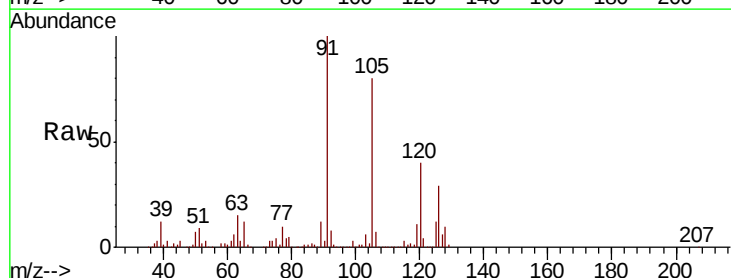
Acq: 18 May 2019 02:45

Tgt Ion: 91 Resp: 301203

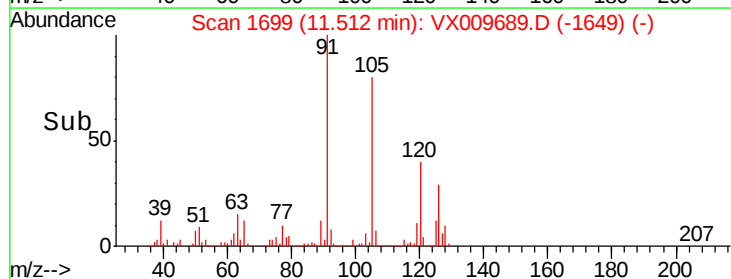
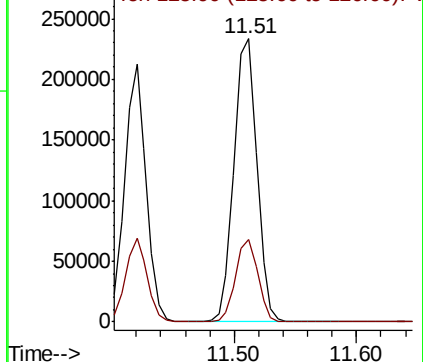
Ion Ratio Lower Upper

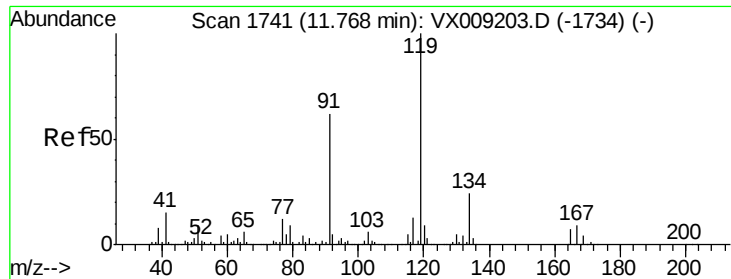
91 100

126 28.7 14.5 43.6



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

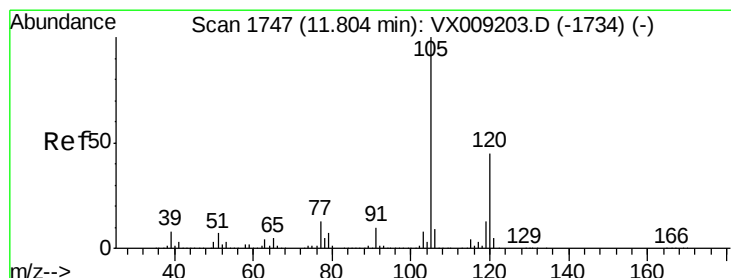
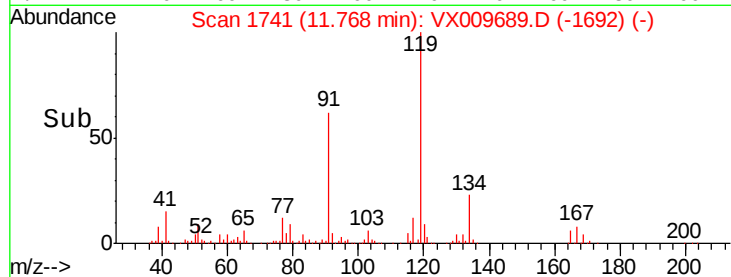
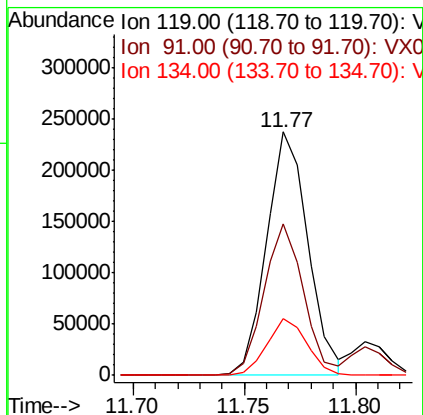
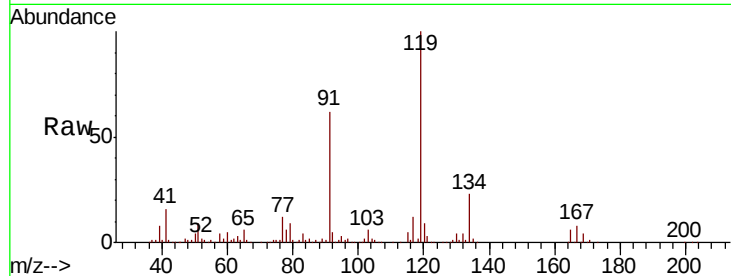




#83
tert-Butylbenzene
Concen: 49.046 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009689.D
Acq: 18 May 2019 02:45

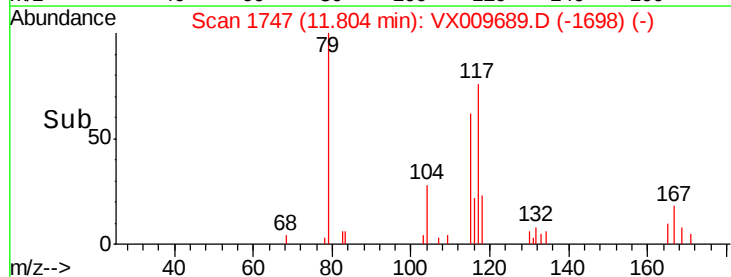
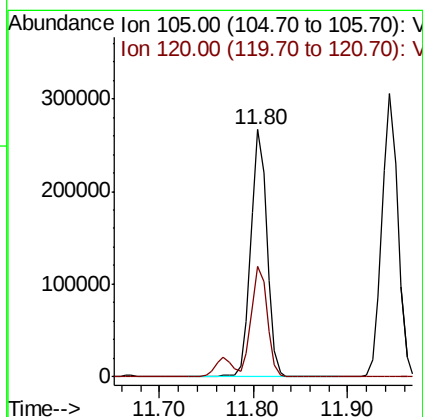
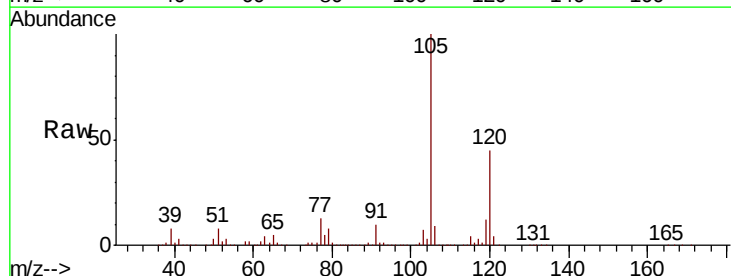
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:119 Resp: 306819
Ion Ratio Lower Upper
119 100
91 59.7 29.5 88.5
134 22.4 11.4 34.1



#84
1,2,4-Trimethylbenzene
Concen: 49.901 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009689.D
Acq: 18 May 2019 02:45

Tgt Ion:105 Resp: 322106
Ion Ratio Lower Upper
105 100
120 44.2 22.0 66.0





#85

sec-Butylbenzene

Concen: 48.777 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009689.D

Acq: 18 May 2019 02:45

Instrument :

MSVOA_X

ClientSampleId :

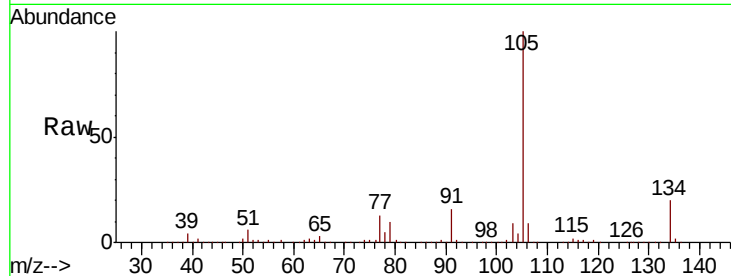
VSTDCCC050

Tot Ion:105 Resp: 361767

Ion Ratio Lower Upper

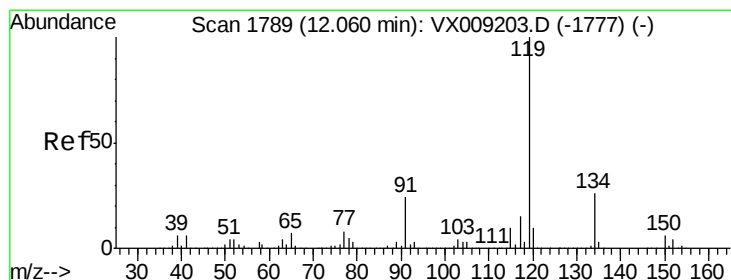
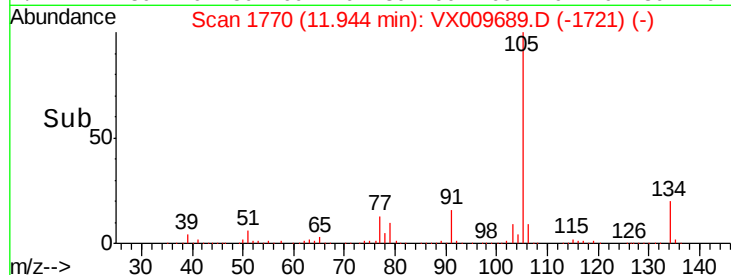
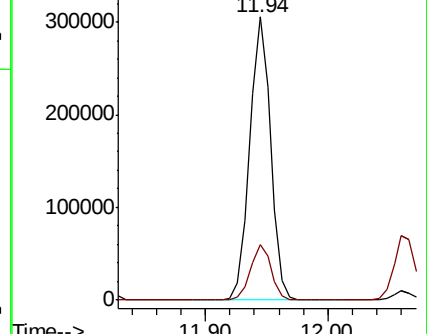
105 100

134 19.4 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.221 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009689.D

Acq: 18 May 2019 02:45

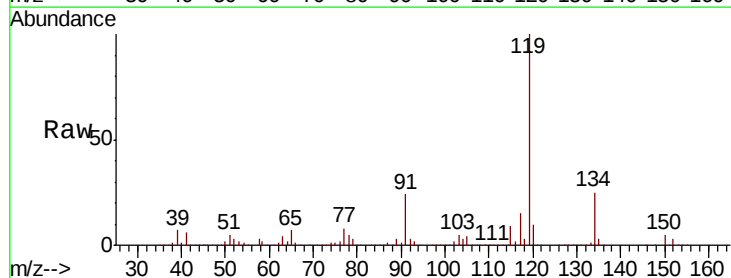
Tgt Ion:119 Resp: 328184

Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.7

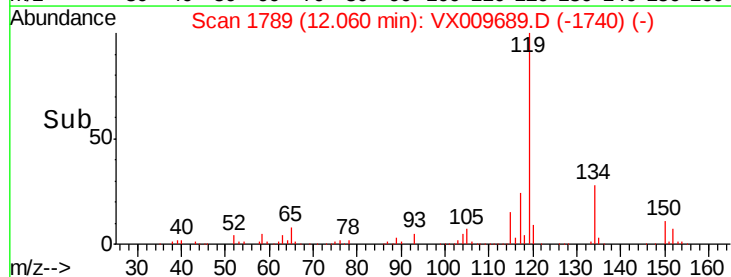
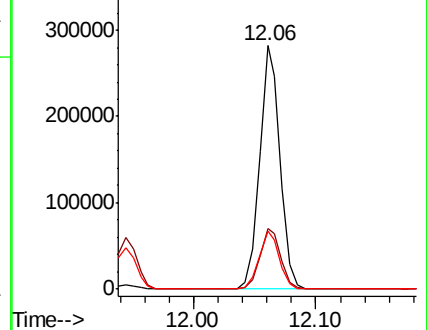
91 23.8 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 49.083 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX009689.D

Acq: 18 May 2019 02:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

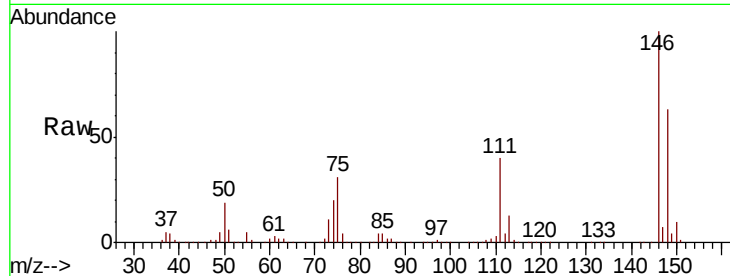
Tot Ion:146 Resp: 165869

Ion Ratio Lower Upper

146 100

111 40.6 20.0 59.9

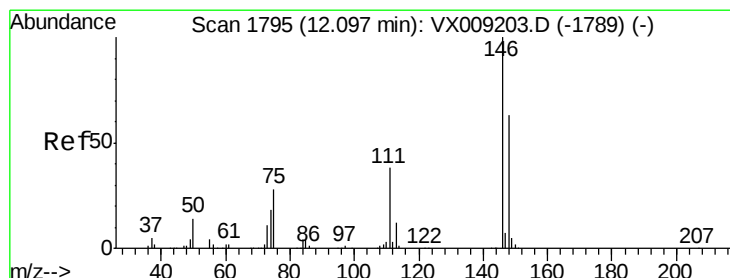
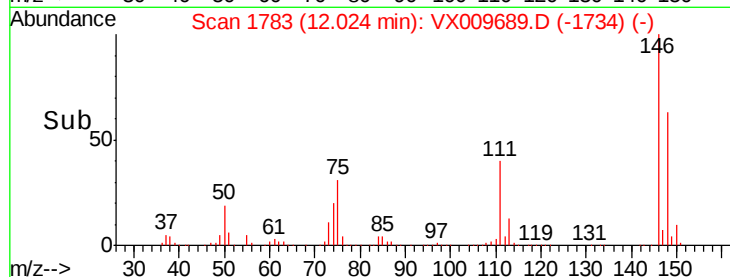
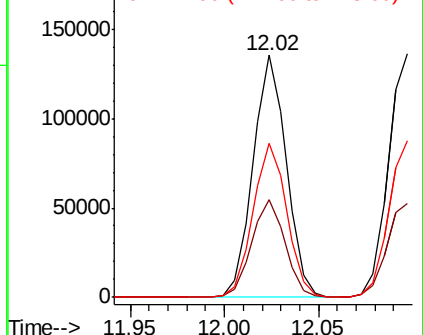
148 64.2 31.8 95.3



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: 48.768 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX009689.D

Acq: 18 May 2019 02:45

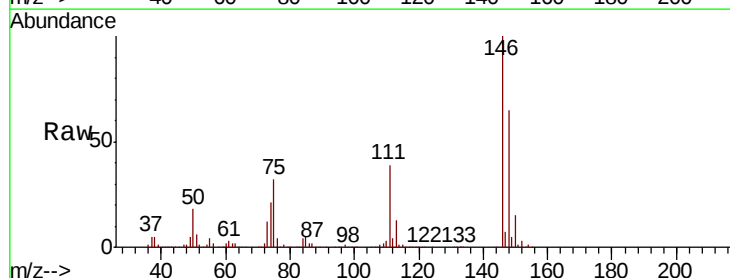
Tgt Ion:146 Resp: 166151

Ion Ratio Lower Upper

146 100

111 39.5 19.6 58.8

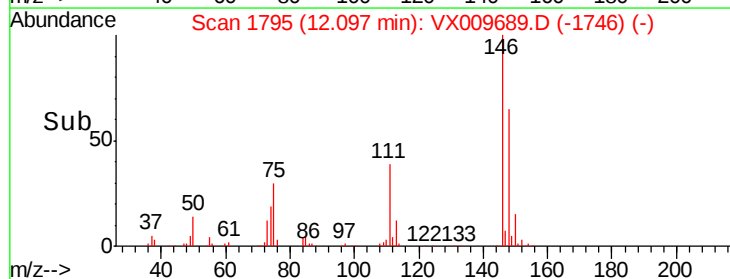
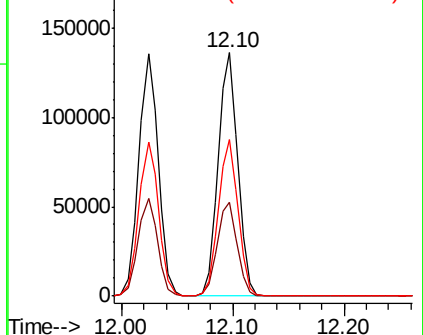
148 64.1 31.8 95.3



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: 48.439 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX009689.D

Acq: 18 May 2019 02:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

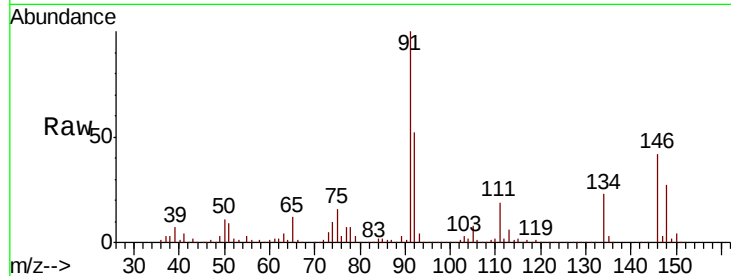
Tot Ion: 91 Resp: 291913

Ion Ratio Lower Upper

91 100

92 52.3 26.5 79.5

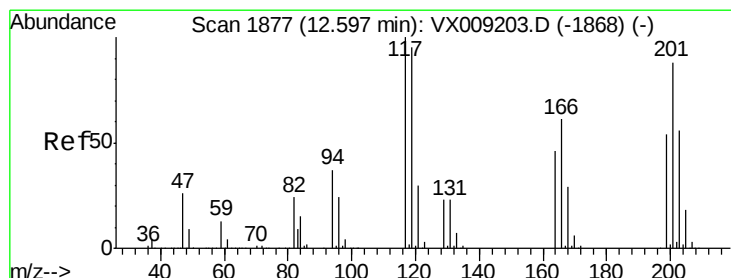
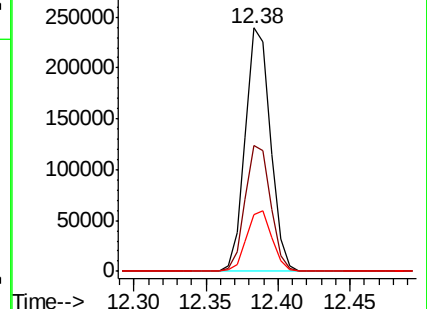
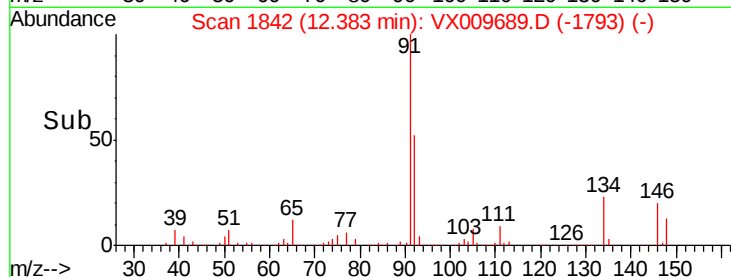
134 24.7 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX009689.D (-1793) (-)

Ion 92.00 (91.70 to 92.70): VX009689.D (-1793) (-)

Ion 134.00 (133.70 to 134.70): VX009689.D (-1793) (-)



#90

Hexachloroethane

Concen: 49.255 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX009689.D

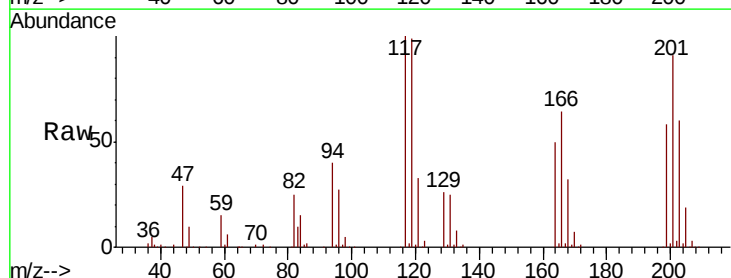
Acq: 18 May 2019 02:45

Tgt Ion: 117 Resp: 55951

Ion Ratio Lower Upper

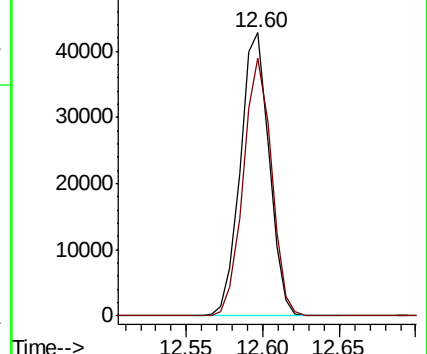
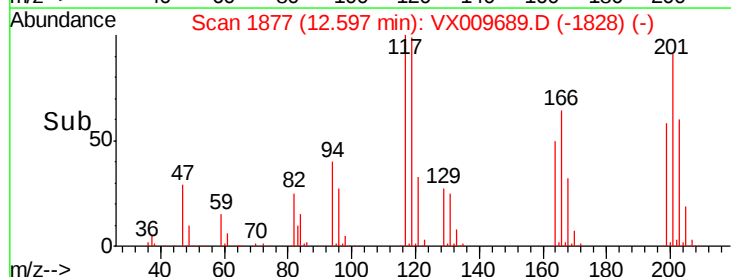
117 100

201 88.8 42.3 126.9



Abundance Ion 116.80 (116.50 to 117.50): VX009689.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX009689.D (-1828) (-)





#91

1,2-Dichlorobenzene

Concen: 49.340 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX009689.D

Acq: 18 May 2019 02:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

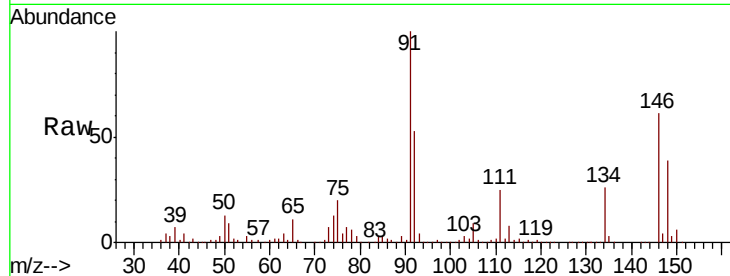
Tot Ion:146 Resp: 169829

Ion Ratio Lower Upper

146 100

111 41.1 20.8 62.4

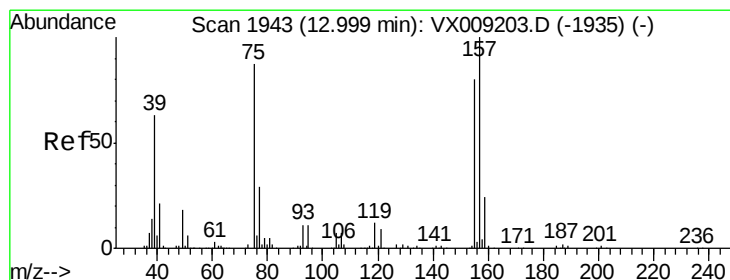
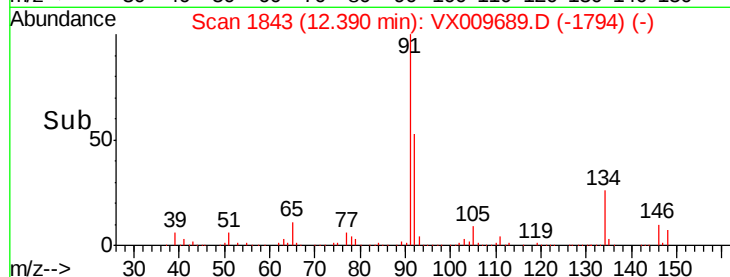
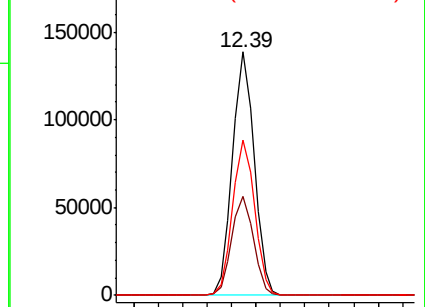
148 64.3 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.841 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX009689.D

Acq: 18 May 2019 02:45

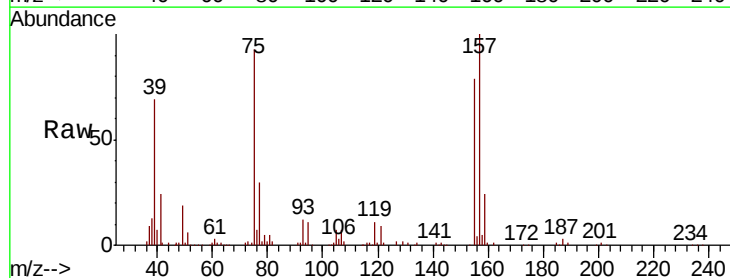
Tgt Ion: 75 Resp: 34388

Ion Ratio Lower Upper

75 100

155 81.7 42.0 126.0

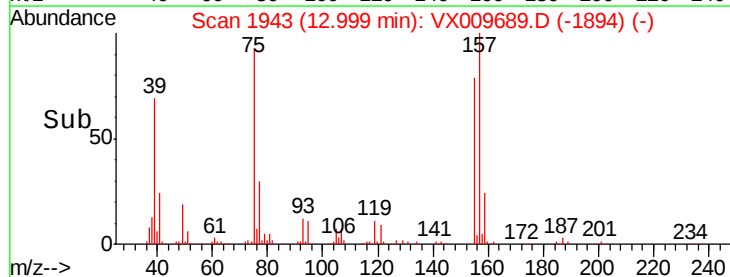
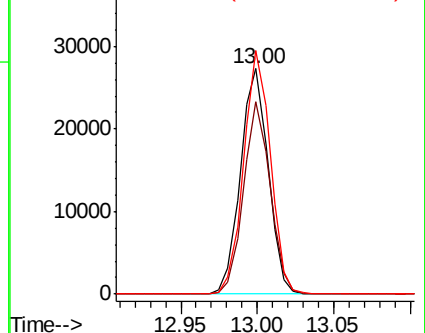
157 104.0 53.2 159.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

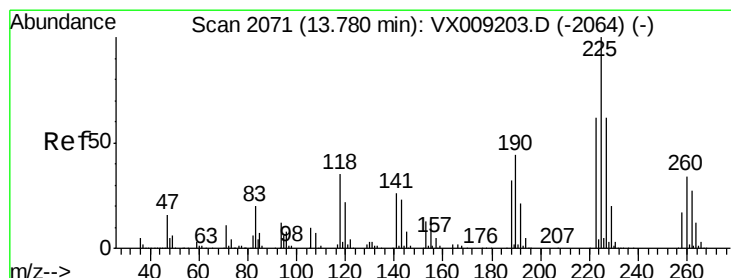
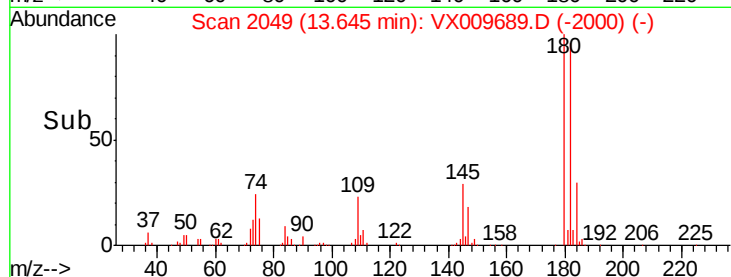
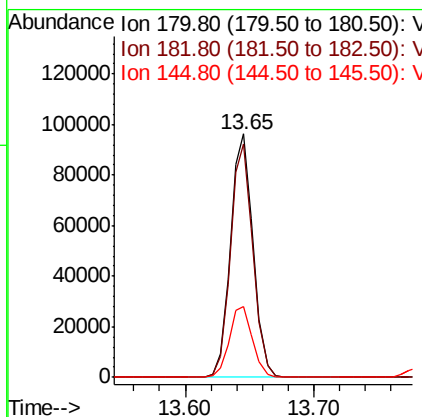
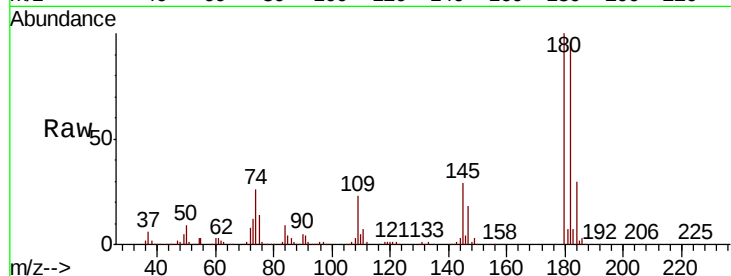




#93
 1,2,4-Trichlorobenzene
 Concen: 50.033 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009689.D
 Acq: 18 May 2019 02:45

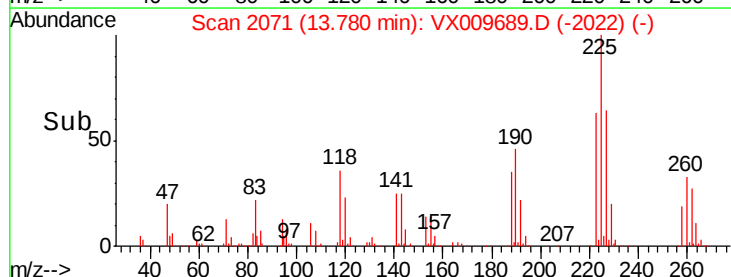
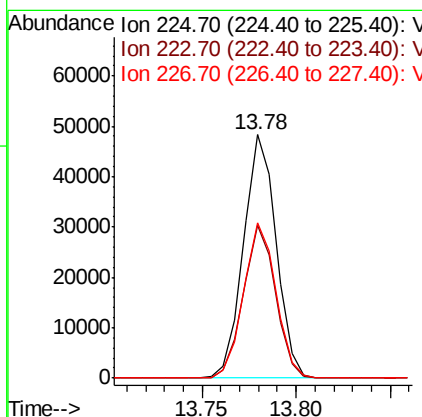
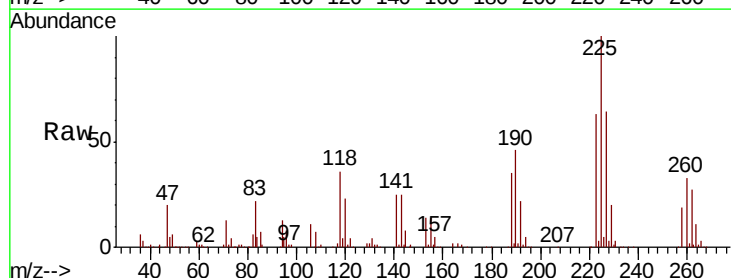
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

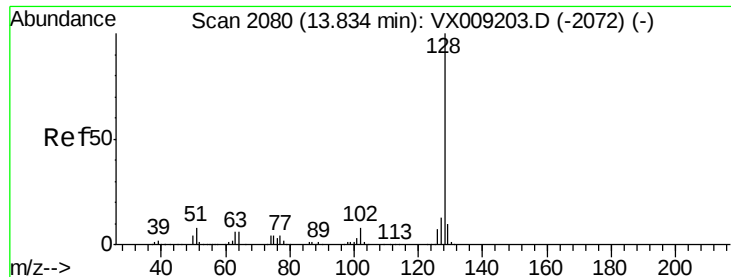
Tot Ion:180 Resp: 117765
 Ion Ratio Lower Upper
 180 100
 182 95.3 48.4 145.2
 145 29.8 14.6 43.8



#94
 Hexachlorobutadiene
 Concen: 48.364 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009689.D
 Acq: 18 May 2019 02:45

Tgt Ion:225 Resp: 58132
 Ion Ratio Lower Upper
 225 100
 223 61.8 31.3 93.8
 227 63.3 31.8 95.3





#95

Naphthalene

Concen: 52.656 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009689.D

Acq: 18 May 2019 02:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

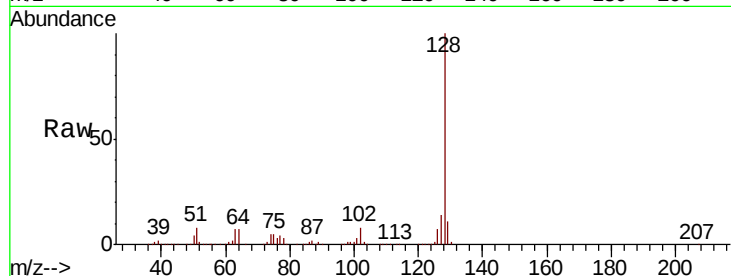
Tot Ion:128 Resp: 403224

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

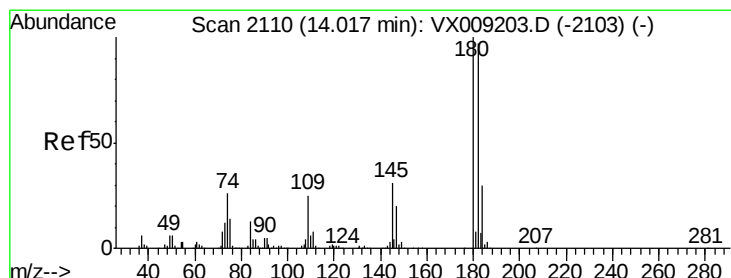
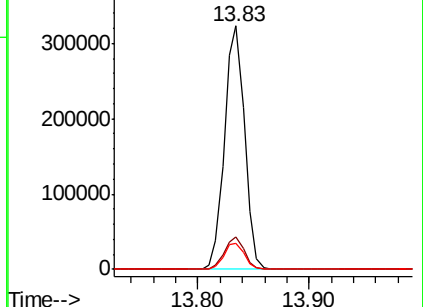
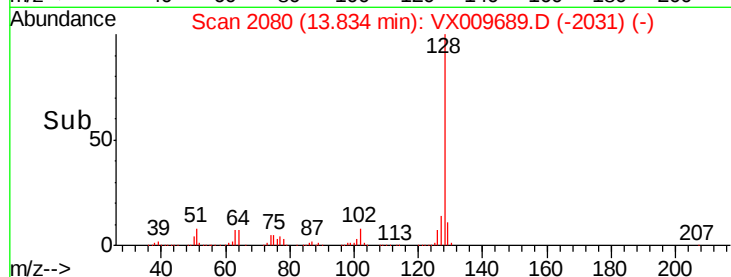
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.491 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX009689.D

Acq: 18 May 2019 02:45

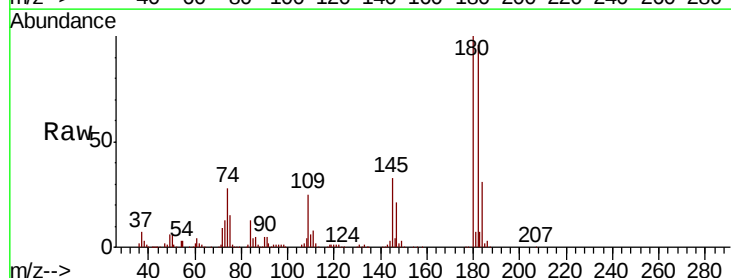
Tgt Ion:180 Resp: 120468

Ion Ratio Lower Upper

180 100

182 94.5 47.8 143.4

145 31.6 15.4 46.4



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

