

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100920\
 Data File : VX018896.D
 Acq On : 10 Oct 2020 08:08
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 11 22:49:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	177615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	284271	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	262054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	154037	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	134974	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
35) Dibromofluoromethane	5.46	113	96560	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	
50) Toluene-d8	8.70	98	350296	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
62) 4-Bromofluorobenzene	11.12	95	133472	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	110160	52.370	ug/l	97
3) Chloromethane	1.31	50	84578	50.806	ug/l	99
4) Vinyl Chloride	1.39	62	98043	52.686	ug/l	96
5) Bromomethane	1.62	94	59854	57.751	ug/l	99
6) Chloroethane	1.71	64	62881	50.453	ug/l	96
7) Trichlorofluoromethane	1.92	101	193460	52.742	ug/l	97
8) Diethyl Ether	2.17	74	52884	51.700	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	88392	50.176	ug/l	97
10) Methyl Iodide	2.49	142	73931	40.746	ug/l	99
11) Tert butyl alcohol	3.01	59	115804	280.676	ug/l	99
12) 1,1-Dichloroethene	2.35	96	87619	53.405	ug/l	97
13) Acrolein	2.28	56	108424	315.846	ug/l	99
14) Allyl chloride	2.71	41	148777	50.025	ug/l	99
15) Acrylonitrile	3.12	53	234139	267.576	ug/l	99
16) Acetone	2.42	43	244583	247.296	ug/l	98
17) Carbon Disulfide	2.55	76	243477	50.620	ug/l	100
18) Methyl Acetate	2.75	43	134735	61.872	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	298133	54.207	ug/l	98
20) Methylene Chloride	2.84	84	100286	53.634	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	97793	51.401	ug/l	89
22) Diisopropyl ether	3.82	45	288826	54.263	ug/l	93
23) Vinyl Acetate	3.79	43	1372759	268.165	ug/l	100
24) 1,1-Dichloroethane	3.67	63	184390	51.525	ug/l	98
25) 2-Butanone	4.63	43	369276	260.255	ug/l	100
26) 2,2-Dichloropropane	4.55	77	112622	32.617	ug/l	96
27) cis-1,2-Dichloroethene	4.57	96	108353	51.284	ug/l	96
28) Bromochloromethane	4.98	49	82820	52.327	ug/l	94
29) Tetrahydrofuran	5.09	42	210768	276.863	ug/l	98
30) Chloroform	5.18	83	202643	51.396	ug/l	97
31) Cyclohexane	5.55	56	131276	53.653	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	192553	51.390	ug/l	99
36) 1,1-Dichloropropene	5.77	75	137909	46.141	ug/l	98
37) Ethyl Acetate	4.79	43	146050	50.602	ug/l	100
38) Carbon Tetrachloride	5.76	117	182467	49.255	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	131480	47.721	ug/l	95
40) Benzene	6.12	78	392283	48.853	ug/l	98
41) Methacrylonitrile	5.00	41	81612	48.742	ug/l	99
42) 1,2-Dichloroethane	6.17	62	181005	48.081	ug/l	100
43) Isopropyl Acetate	6.42	43	235427	49.081	ug/l	99
44) Trichloroethene	7.19	130	113167	46.994	ug/l	97
45) 1,2-Dichloropropane	7.49	63	104035	48.965	ug/l	96
46) Dibromomethane	7.64	93	75700	48.212	ug/l	99
47) Bromodichloromethane	7.88	83	166658	48.981	ug/l	97
48) Methyl methacrylate	7.74	41	121800	50.043	ug/l	99
49) 1,4-Dioxane	7.71	88	33310	976.040	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	751525	268.436	ug/l	100
52) Toluene	8.77	92	257591	49.988	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	167012	47.404	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	169026	46.637	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	104095	47.028	ug/l	97
56) Ethyl methacrylate	9.16	69	153680	47.705	ug/l	99
57) 1,3-Dichloropropane	9.35	76	178650	49.742	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	407014	254.153	ug/l	100
59) 2-Hexanone	9.47	43	558891	262.020	ug/l	99
60) Dibromochloromethane	9.57	129	133037	47.880	ug/l	100
61) 1,2-Dibromoethane	9.65	107	115717	48.751	ug/l	100
64) Tetrachloroethene	9.32	164	104303	54.621	ug/l	92
65) Chlorobenzene	10.12	112	274414	48.456	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	115810	49.570	ug/l	99
67) Ethyl Benzene	10.24	91	481957	50.448	ug/l	99
68) m/p-Xylenes	10.34	106	368903	101.636	ug/l	100
69) o-Xylene	10.68	106	170787	49.942	ug/l	100
70) Styrene	10.69	104	304411	52.581	ug/l	100
71) Bromoform	10.84	173	104318	51.623	ug/l #	99
73) Isopropylbenzene	11.00	105	493838	49.009	ug/l	100
74) N-amyl acetate	10.88	43	187338	46.991	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	152824	45.504	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	182451	54.972	ug/l	85
77) Bromobenzene	11.24	156	129075	46.632	ug/l	97
78) n-propylbenzene	11.34	91	540453	47.070	ug/l	100
79) 2-Chlorotoluene	11.40	91	338022	47.228	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	426878	49.527	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	46077	39.343	ug/l	95
82) 4-Chlorotoluene	11.49	91	409865	48.161	ug/l	99
83) tert-Butylbenzene	11.76	119	413181	47.868	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	429857	49.060	ug/l	98
85) sec-Butylbenzene	11.93	105	465388	47.860	ug/l	99
86) p-Isopropyltoluene	12.05	119	445900	48.335	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	235660	46.358	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	236447	45.920	ug/l	99
89) n-Butylbenzene	12.37	91	376591	46.983	ug/l	100
90) Hexachloroethane	12.58	117	80680	47.042	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	235750	48.720	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	41817	48.685	ug/l	96

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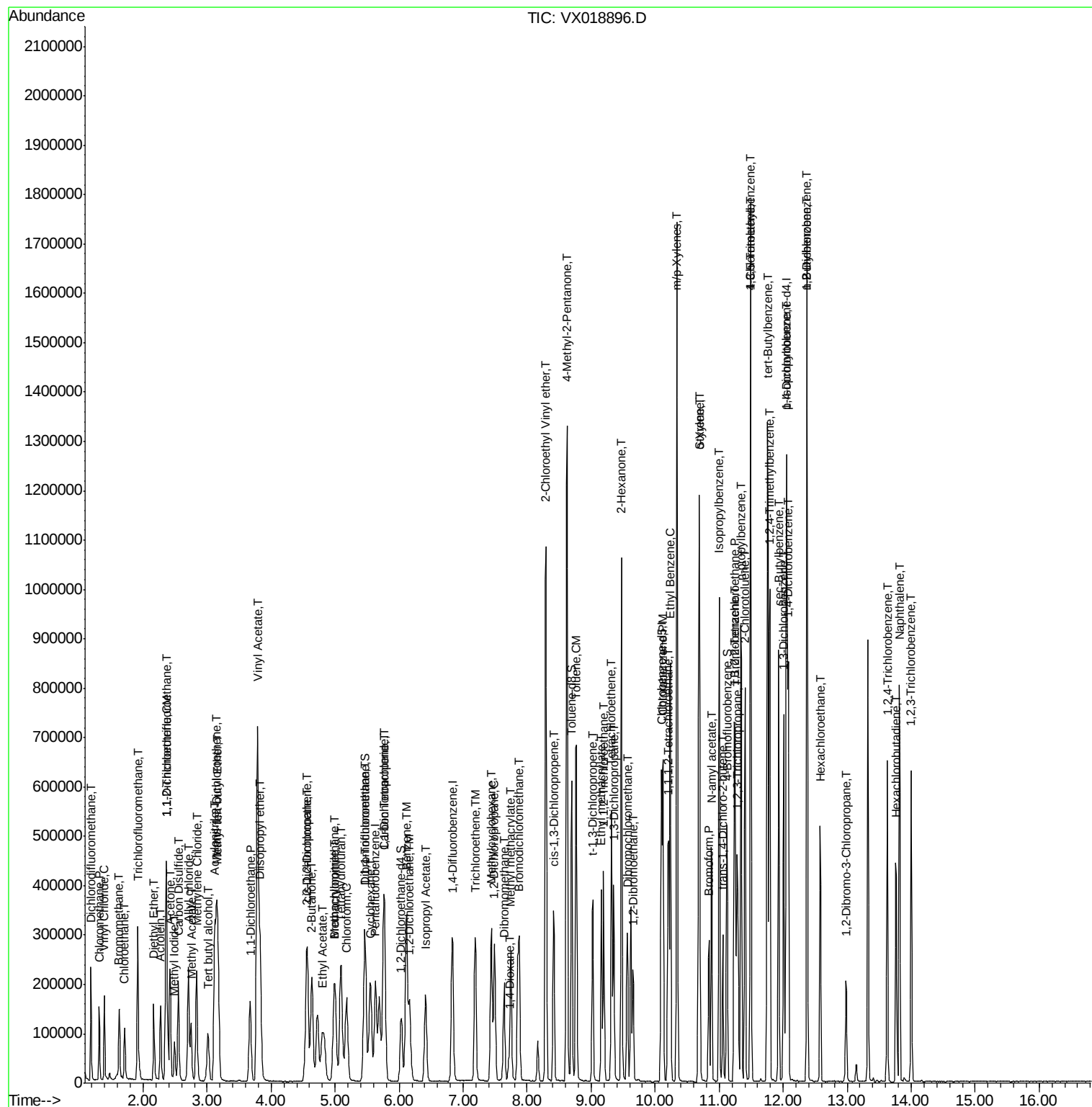
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	152764	49.210	ug/l	94
94) Hexachlorobutadiene	13.77	225	63513	46.063	ug/l	96
95) Naphthalene	13.82	128	470140	45.647	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	138429	45.578	ug/l	92

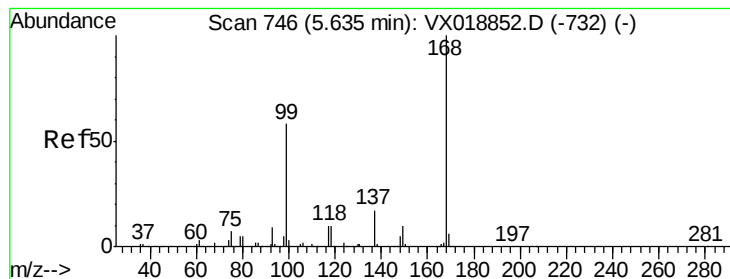
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

ClientSampleId :

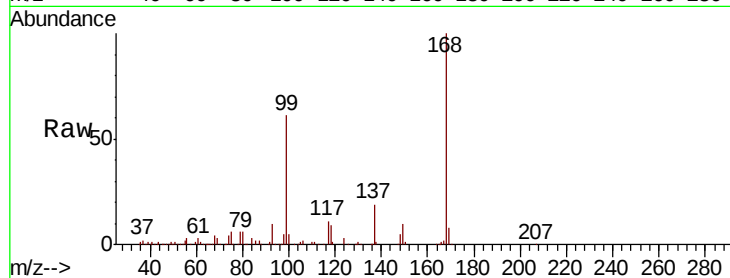
VSTDCCC050EC

Tot Ion:168 Resp: 177615

Ion Ratio Lower Upper

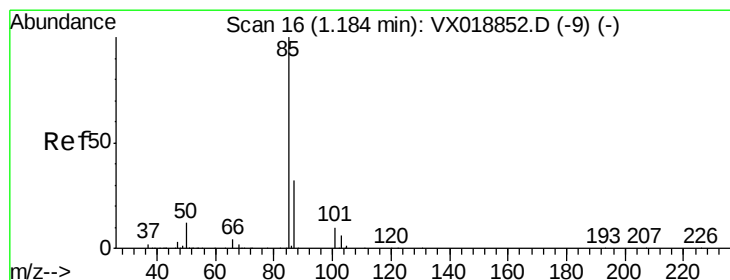
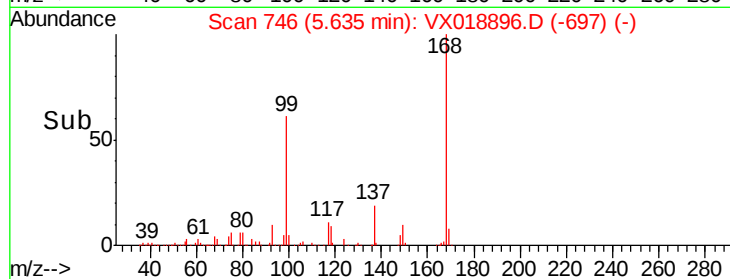
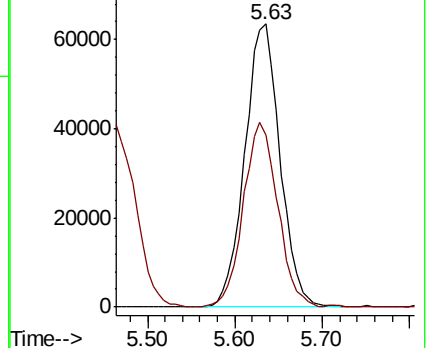
168 100

99 60.5 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 52.370 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018896.D

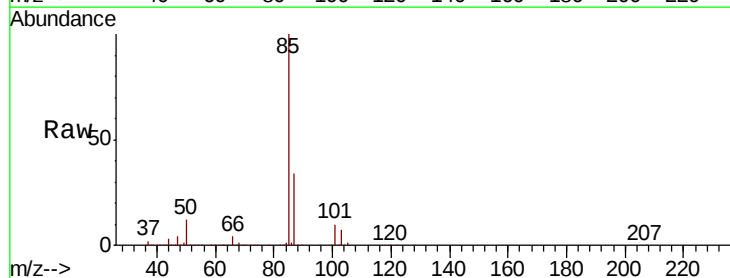
Acq: 10 Oct 2020 08:08

Tgt Ion: 85 Resp: 110160

Ion Ratio Lower Upper

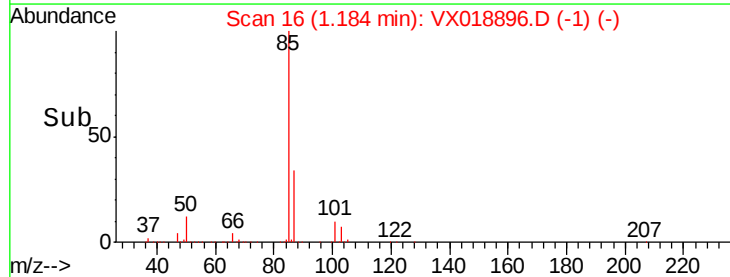
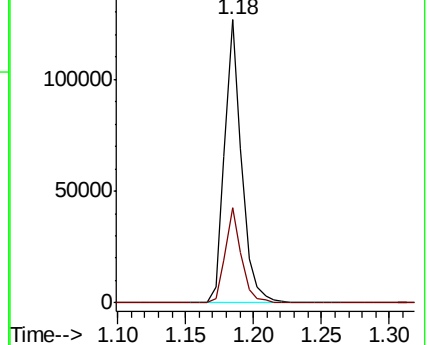
85 100

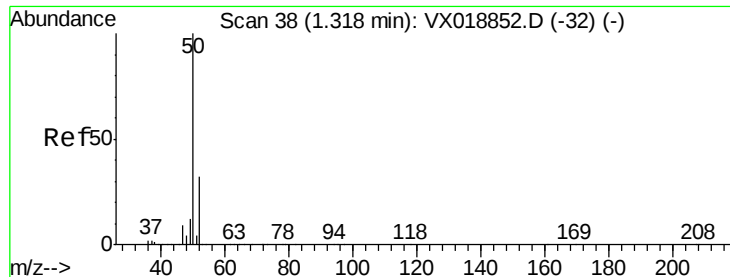
87 33.6 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.806 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

ClientSampleId :

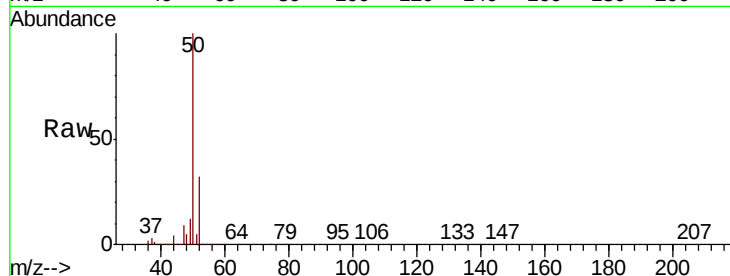
VSTDCCC050EC

Tot Ion: 50 Resp: 84578

Ion Ratio Lower Upper

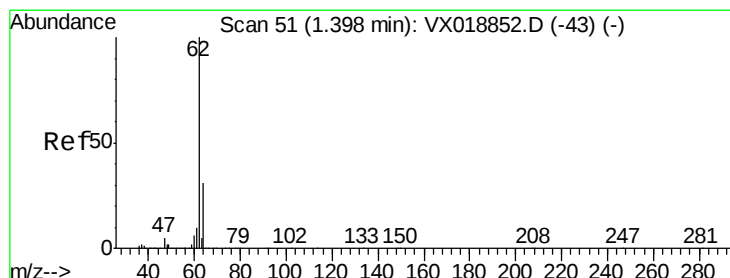
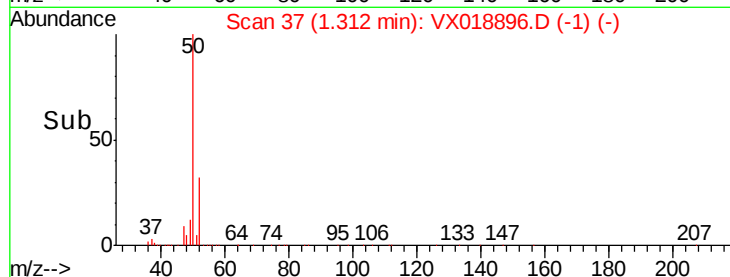
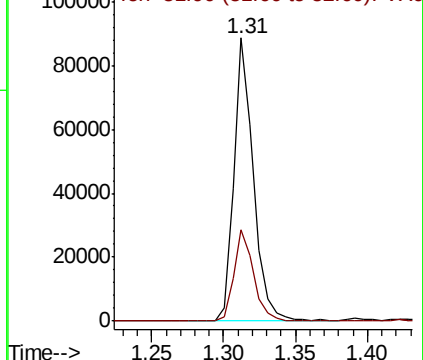
50 100

52 32.1 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 52.686 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX018896.D

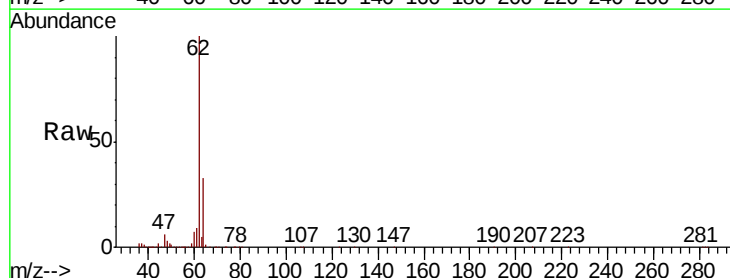
Acq: 10 Oct 2020 08:08

Tgt Ion: 62 Resp: 98043

Ion Ratio Lower Upper

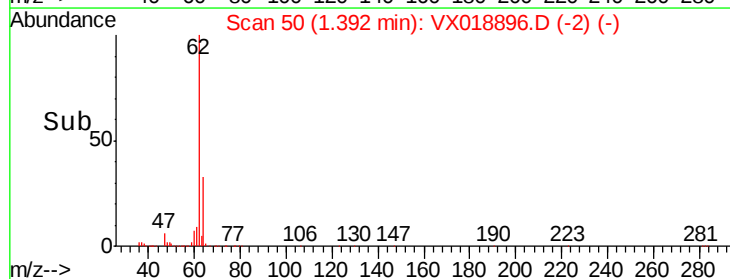
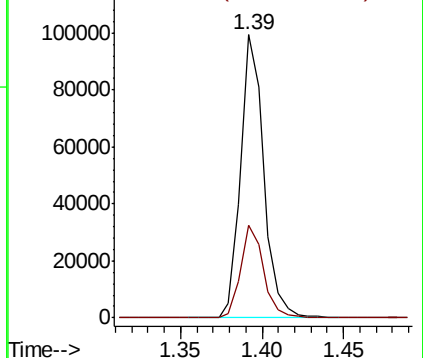
62 100

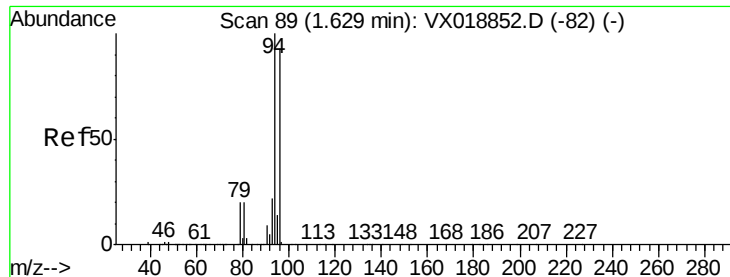
64 32.9 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 57.751 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

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ClientSampleId :

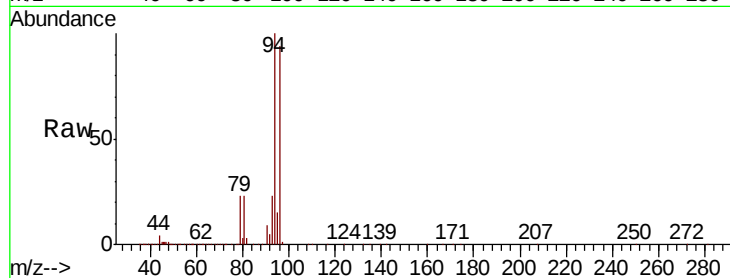
VSTDCCC050EC

Tot Ion: 94 Resp: 59854

Ion Ratio Lower Upper

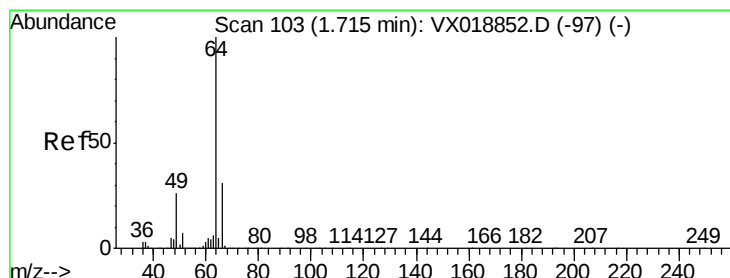
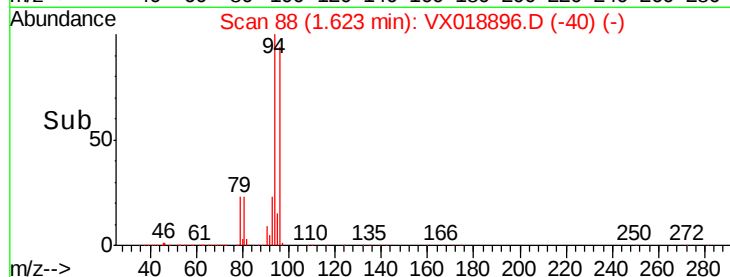
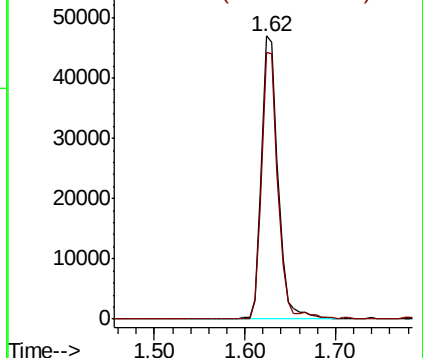
94 100

96 94.0 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.453 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.01 min

Lab File: VX018896.D

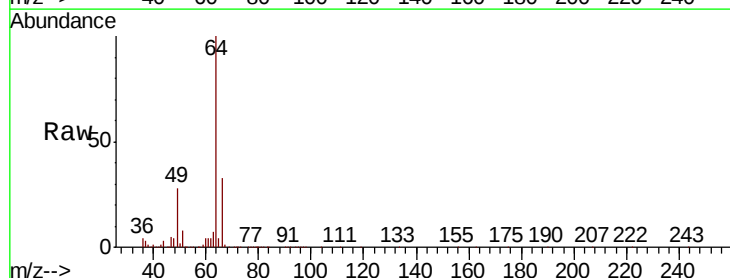
Acq: 10 Oct 2020 08:08

Tgt Ion: 64 Resp: 62881

Ion Ratio Lower Upper

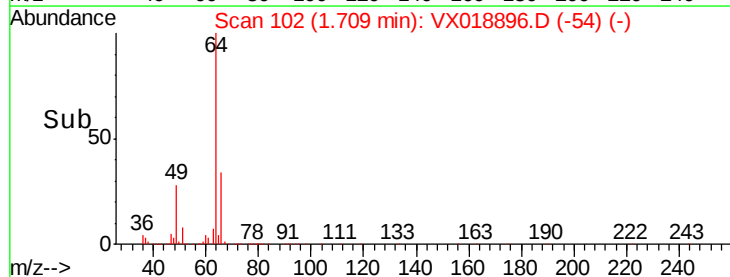
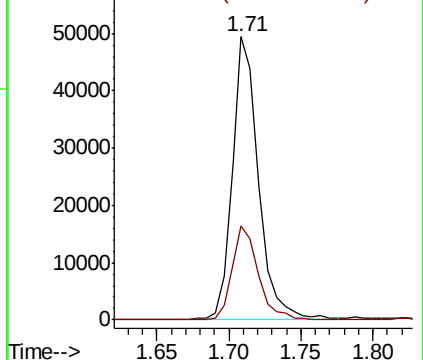
64 100

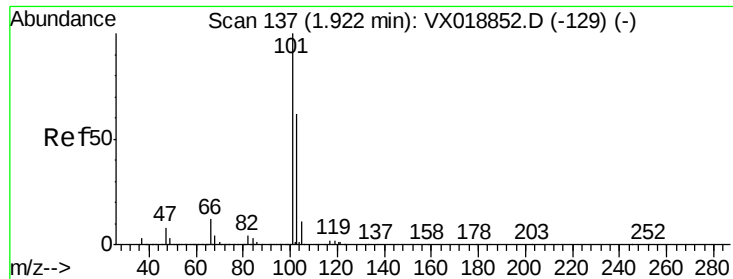
66 33.1 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



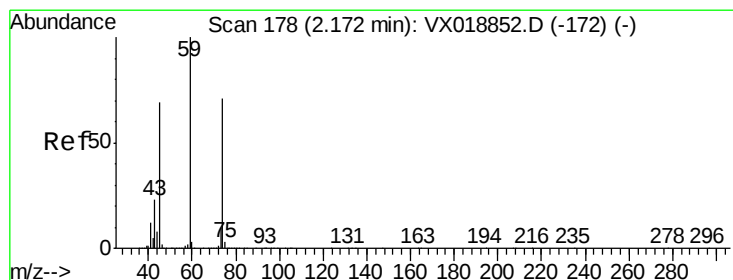
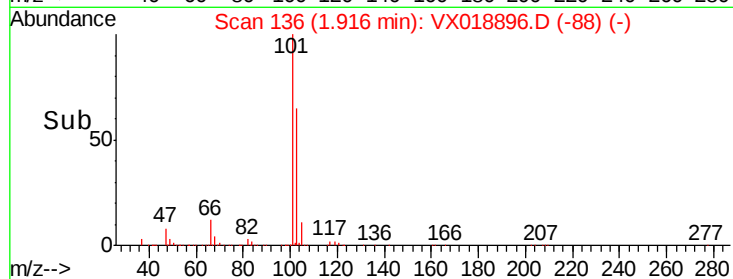
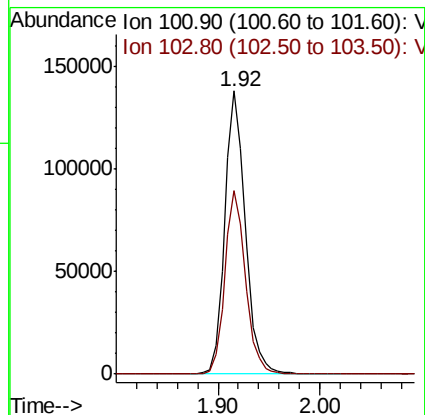
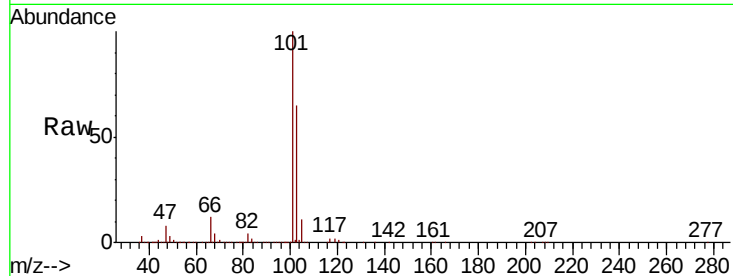


#7

Trichlorofluoromethane
 Concen: 52.742 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: VX018896.D
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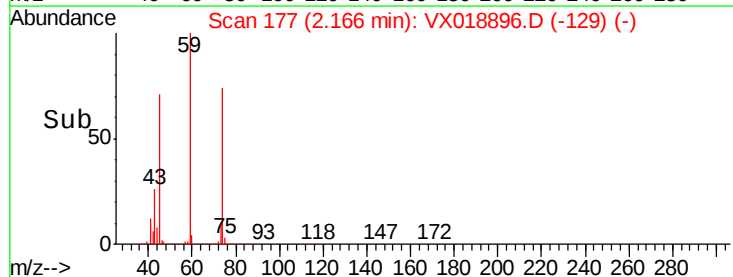
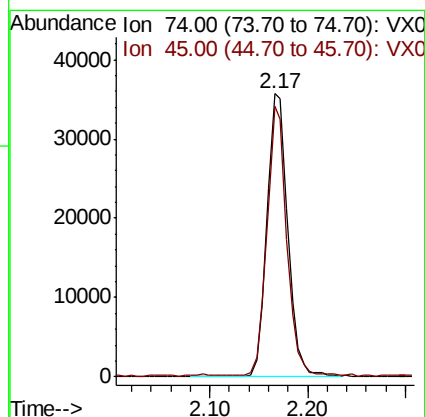
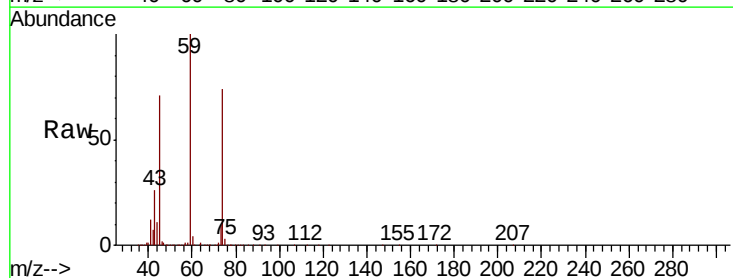
Tot Ion:101 Resp: 193460
 Ion Ratio Lower Upper
 101 100
 103 64.9 50.0 75.0

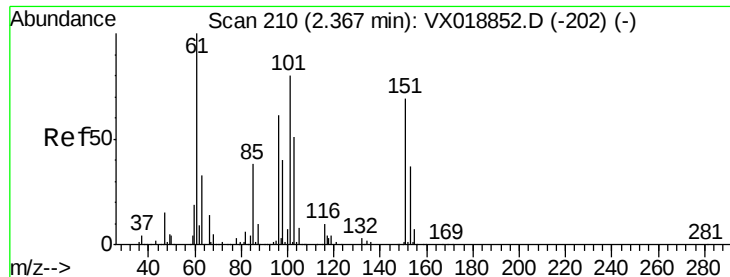


#8

Diethyl Ether
 Concen: 51.700 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.01 min
 Lab File: VX018896.D
 Acq: 10 Oct 2020 08:08

Tgt Ion: 74 Resp: 52884
 Ion Ratio Lower Upper
 74 100
 45 90.7 47.0 141.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.176 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018896.D

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VSTDCCC050EC

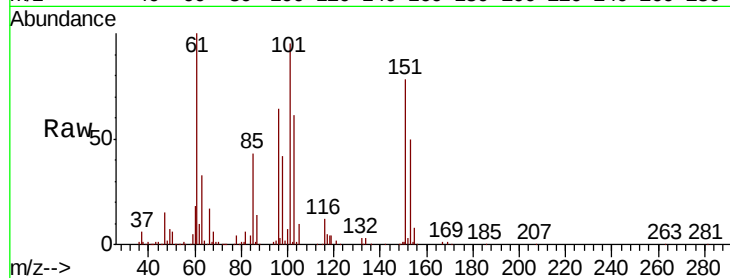
Tot Ion:101 Resp: 88392

Ion Ratio Lower Upper

101 100

85 45.2 36.6 55.0

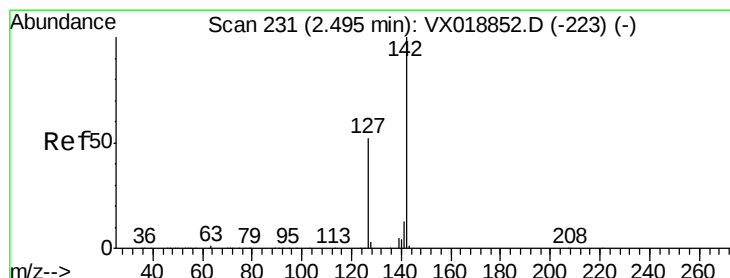
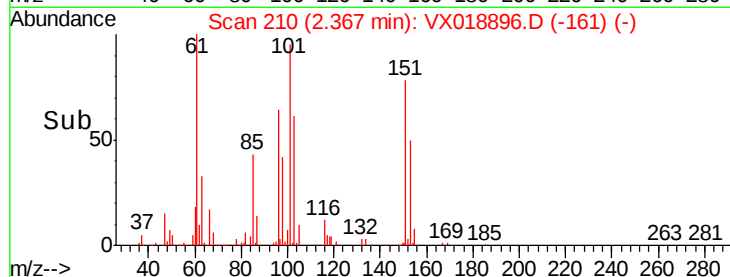
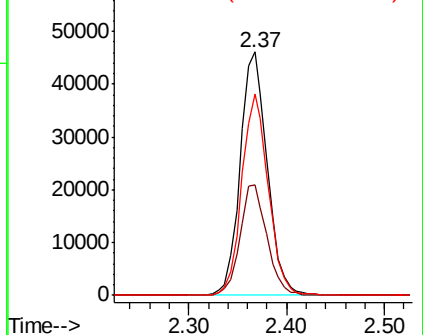
151 80.8 67.2 100.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 40.746 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

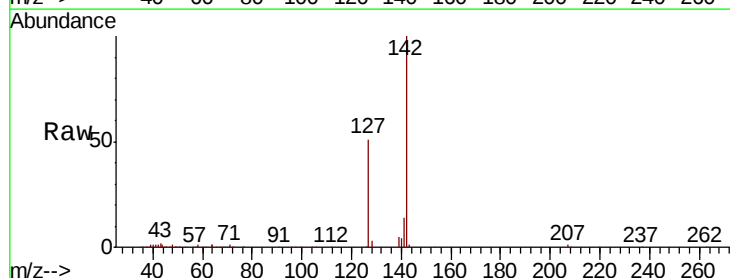
Tgt Ion:142 Resp: 73931

Ion Ratio Lower Upper

142 100

127 51.2 42.0 63.0

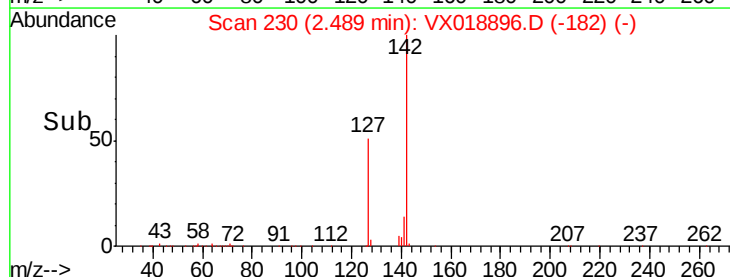
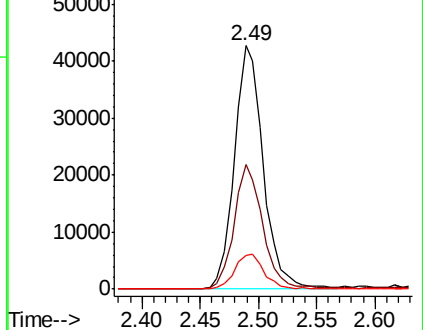
141 14.7 11.8 17.6

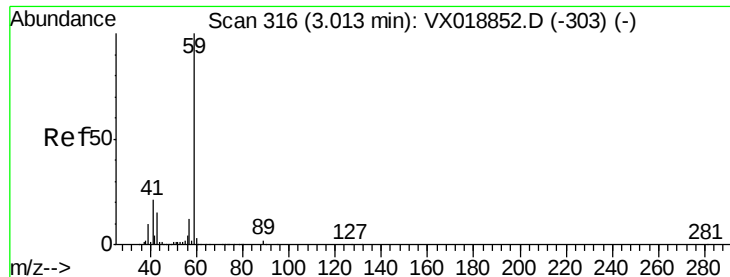


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

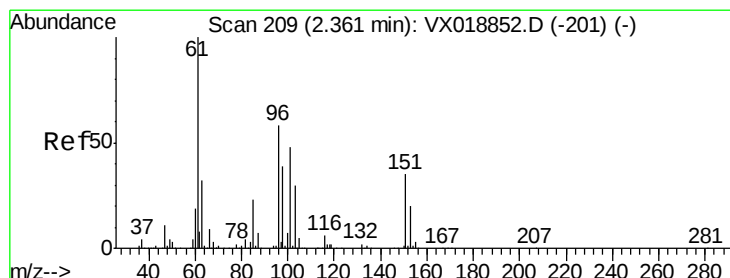
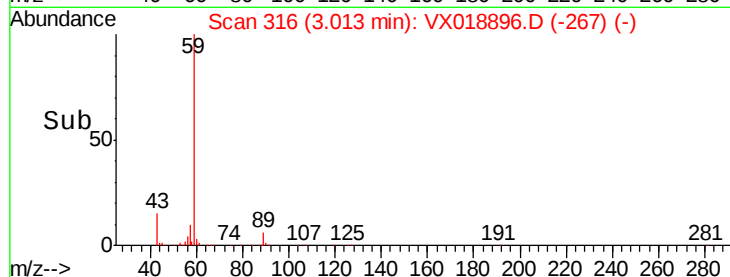
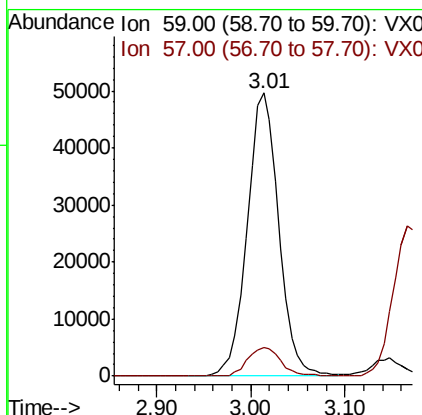
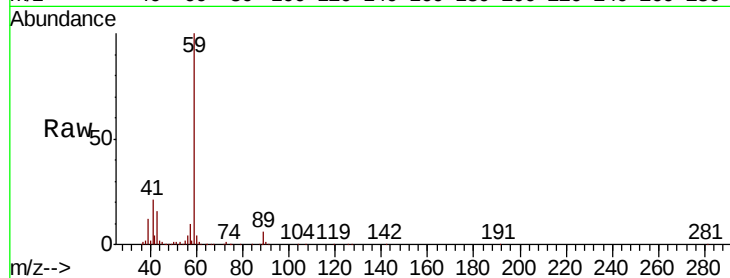




#11
Tert butyl alcohol
Concen: 280.676 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

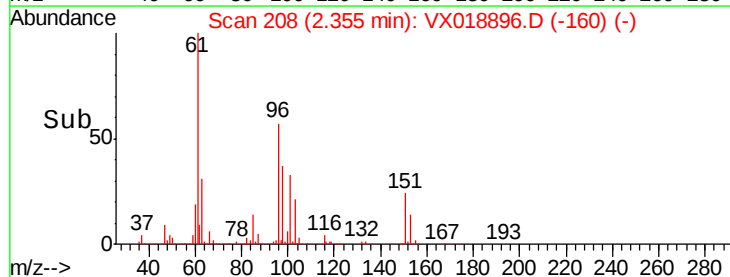
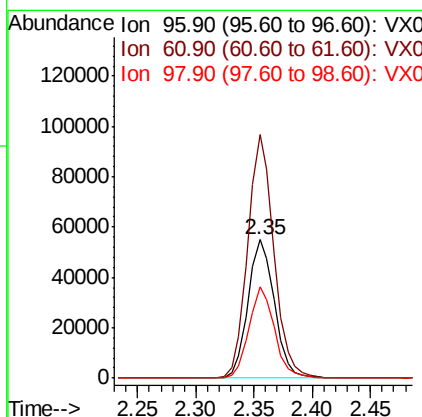
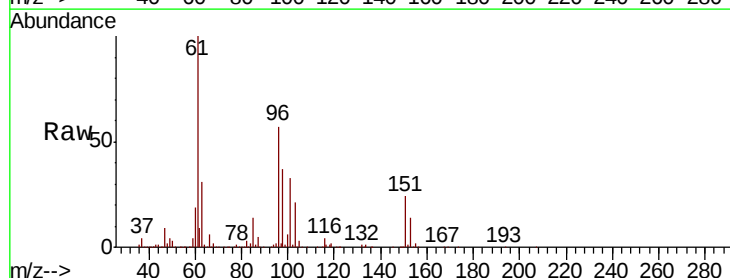
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

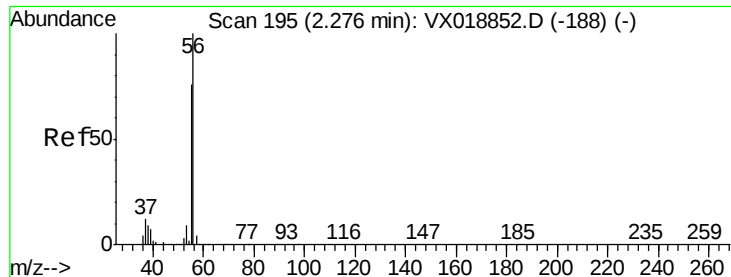
Tot Ion: 59 Resp: 115804
Ion Ratio Lower Upper
59 100
57 10.8 9.0 13.6



#12
1,1-Dichloroethene
Concen: 53.405 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.01 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Tgt Ion: 96 Resp: 87619
Ion Ratio Lower Upper
96 100
61 176.1 137.0 205.6
98 66.0 53.9 80.9





#13

Acrolein

Concen: 315.846 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

ClientSampleId :

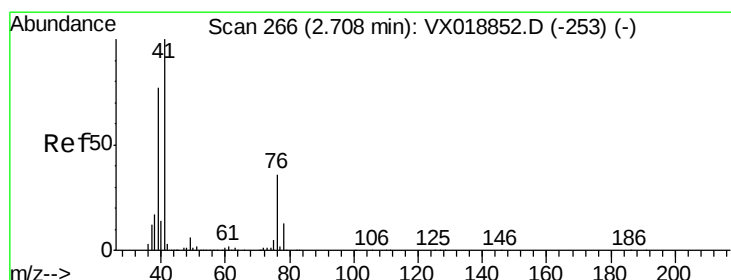
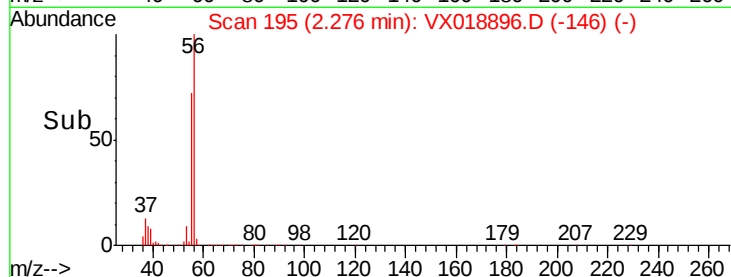
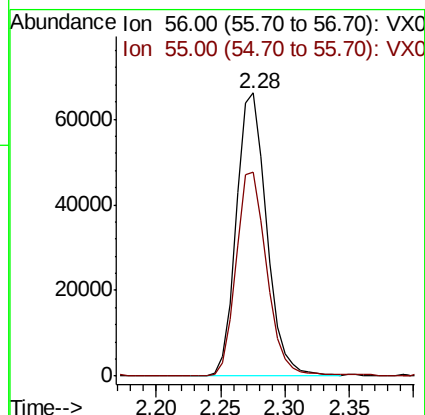
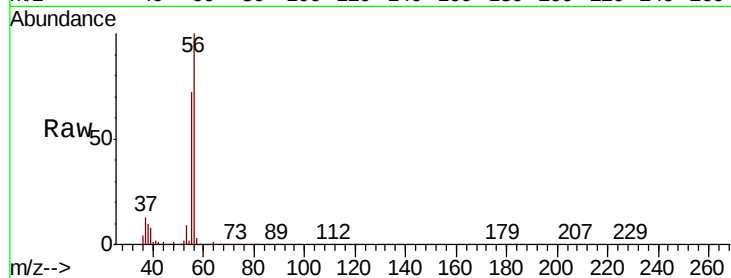
VSTDCCC050EC

Tot Ion: 56 Resp: 108424

Ion Ratio Lower Upper

56 100

55 72.5 58.6 87.8



#14

Allyl chloride

Concen: 50.025 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

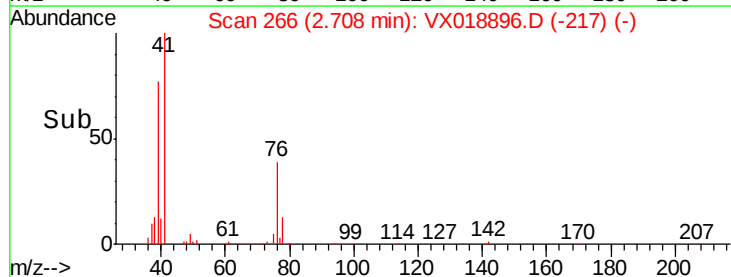
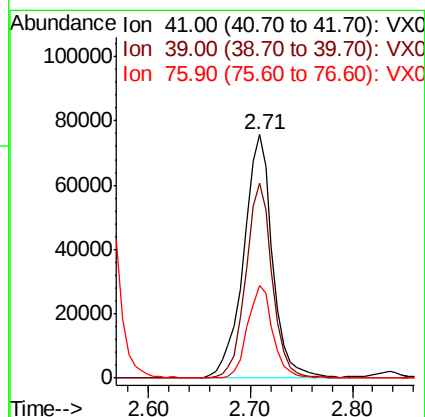
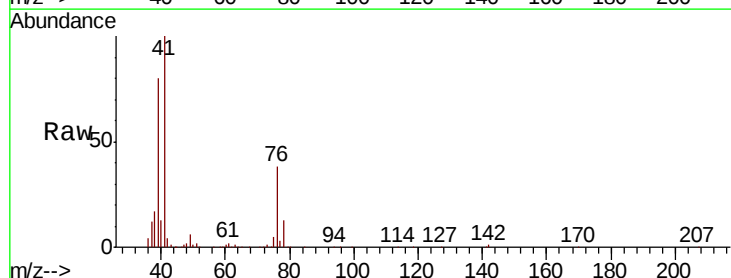
Tgt Ion: 41 Resp: 148777

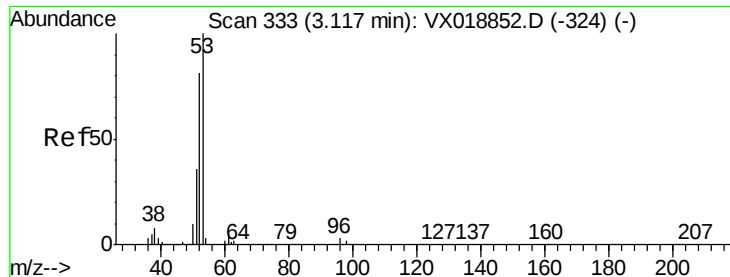
Ion Ratio Lower Upper

41 100

39 73.6 57.8 86.8

76 33.4 26.8 40.2





#15

Acrylonitrile

Concen: 267.576 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

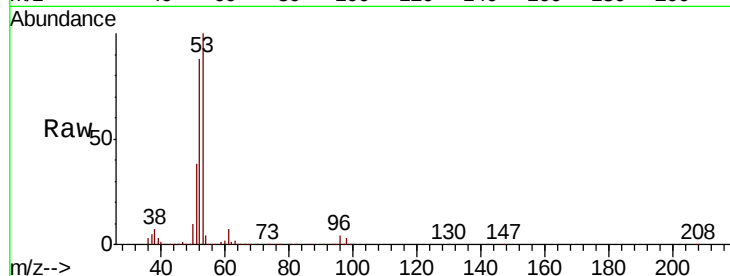
Tot Ion: 53 Resp: 234139

Ion Ratio Lower Upper

53 100

52 84.7 66.7 100.1

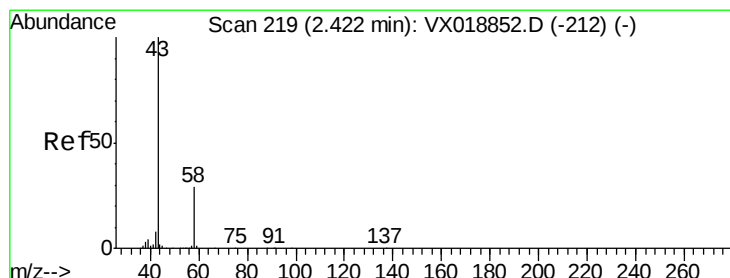
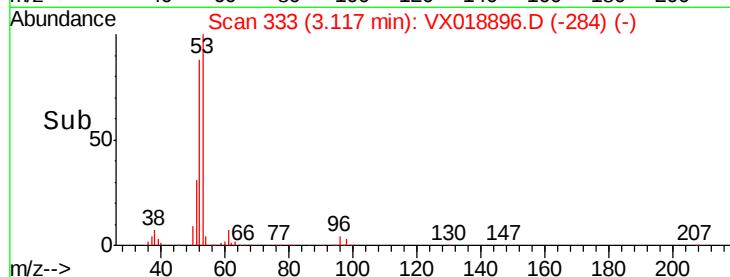
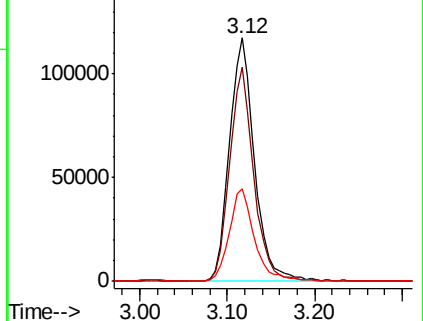
51 38.1 30.3 45.5



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 247.296 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX018896.D

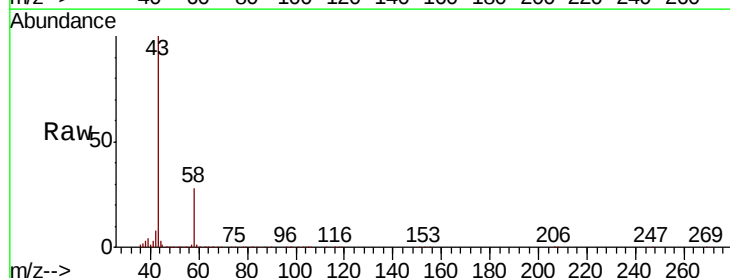
Acq: 10 Oct 2020 08:08

Tgt Ion: 43 Resp: 244583

Ion Ratio Lower Upper

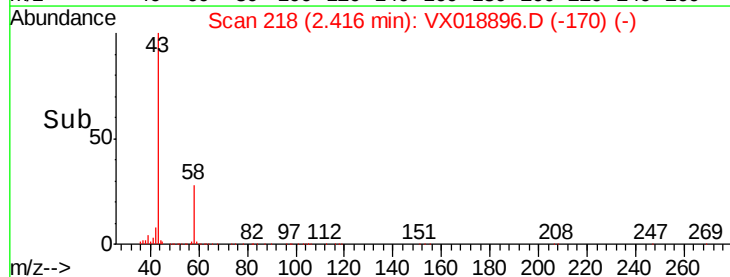
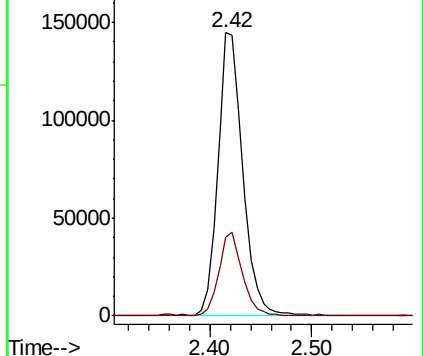
43 100

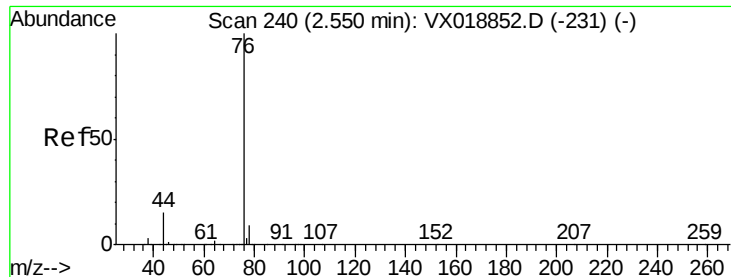
58 27.7 23.0 34.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 50.620 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

ClientSampleId :

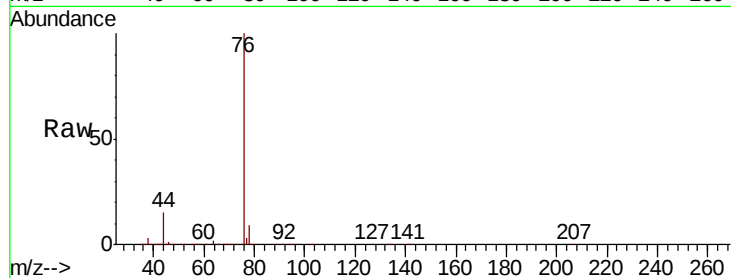
VSTDCCC050EC

Tot Ion: 76 Resp: 243477

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

150000

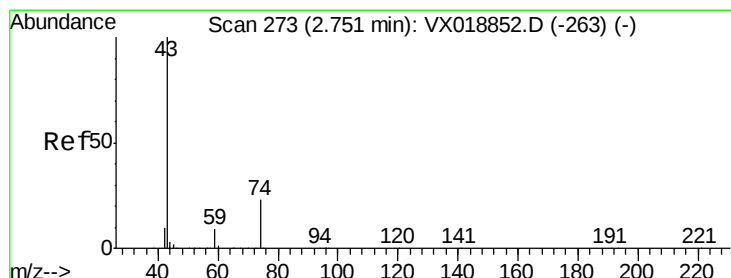
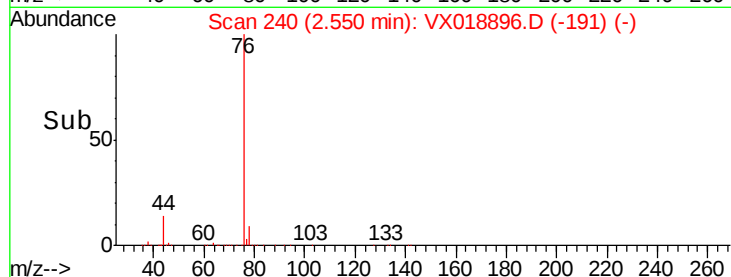
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 61.872 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX018896.D

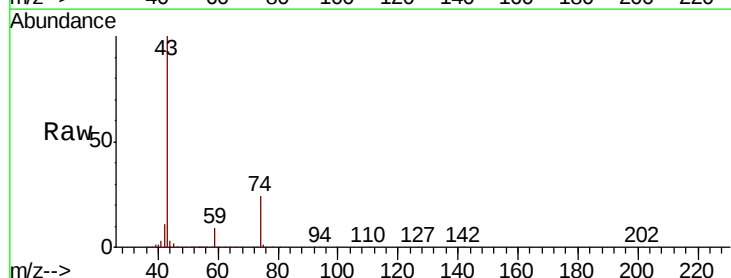
Acq: 10 Oct 2020 08:08

Tgt Ion: 43 Resp: 134735

Ion Ratio Lower Upper

43 100

74 23.3 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

80000

60000

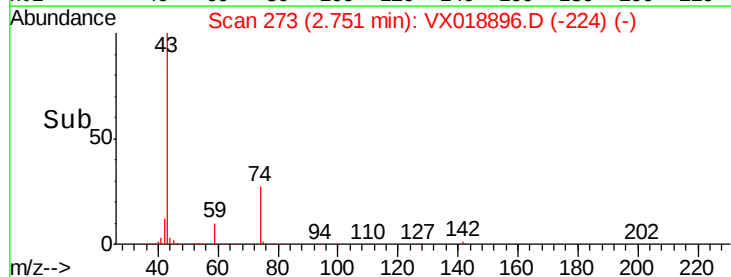
40000

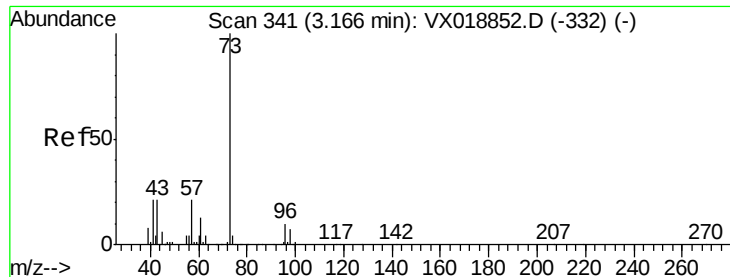
20000

0

2.65 2.70 2.75 2.80 2.85

Time-->



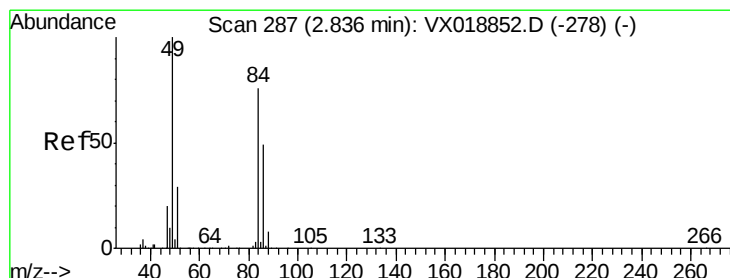
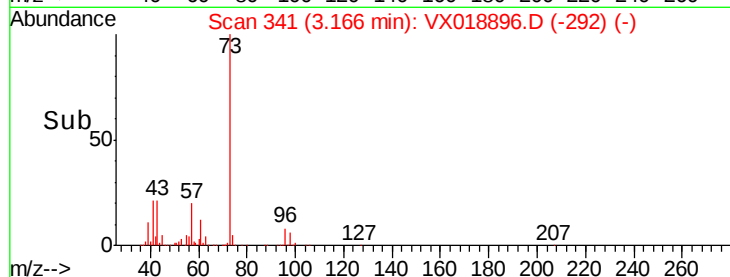
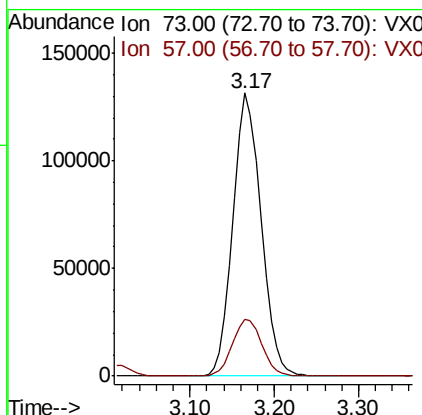
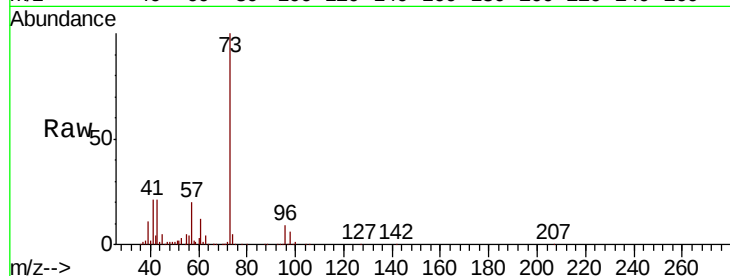


#19

Methyl tert-butyl Ether
 Concen: 54.207 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018896.D
 Acq: 10 Oct 2020 08:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

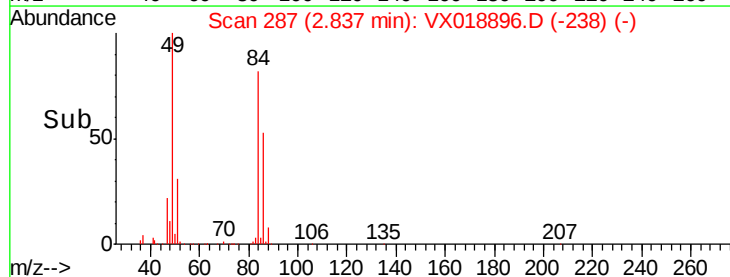
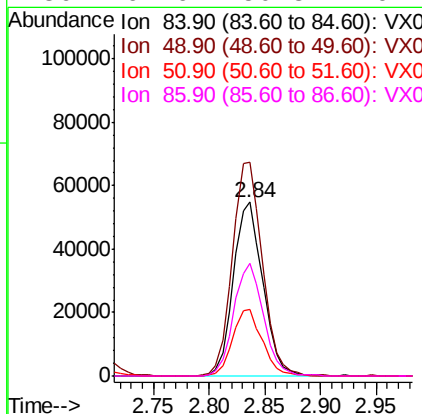
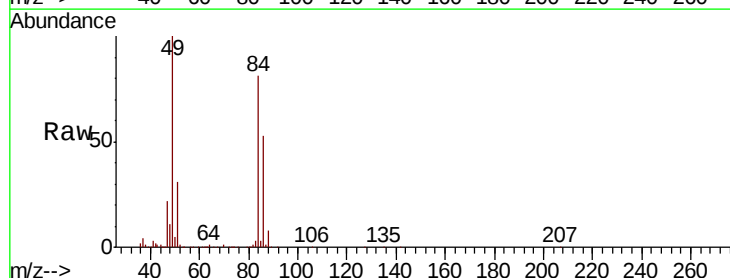
Tot Ion: 73 Resp: 298133
 Ion Ratio Lower Upper
 73 100
 57 20.0 16.7 25.1

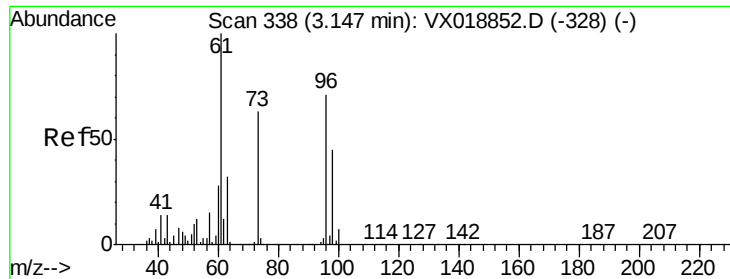


#20

Methylene Chloride
 Concen: 53.634 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX018896.D
 Acq: 10 Oct 2020 08:08

Tgt Ion: 84 Resp: 100286
 Ion Ratio Lower Upper
 84 100
 49 122.6 104.8 157.2
 51 38.1 30.6 46.0
 86 64.6 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 51.401 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.01 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

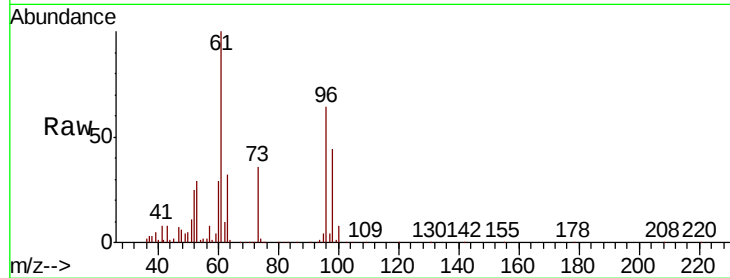
Tot Ion: 96 Resp: 97793

Ion Ratio Lower Upper

96 100

61 155.1 112.0 168.0

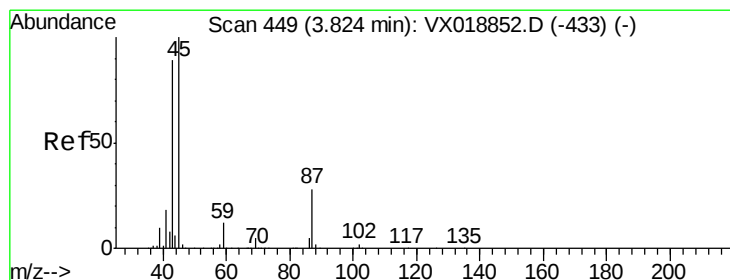
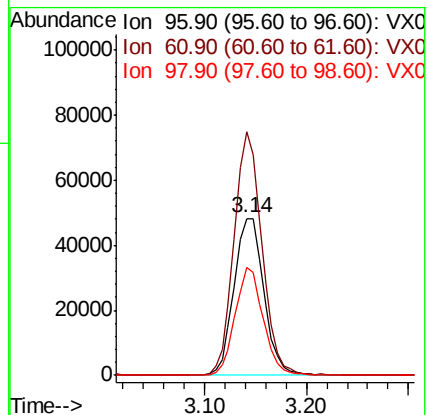
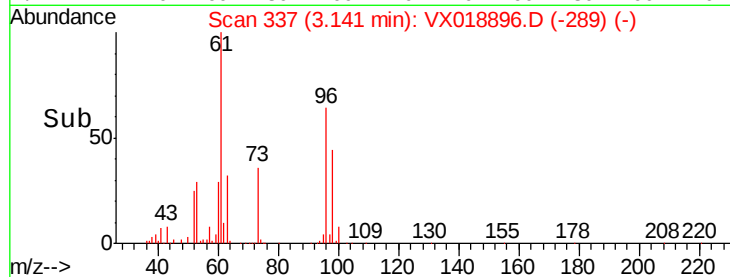
98 68.6 50.2 75.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 54.263 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Tgt Ion: 45 Resp: 288826

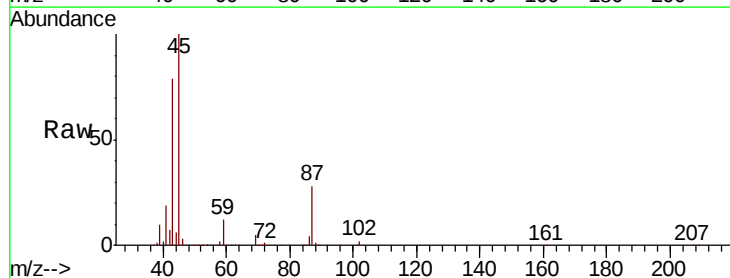
Ion Ratio Lower Upper

45 100

43 79.3 71.2 106.8

87 28.0 22.5 33.7

59 11.7 9.2 13.8

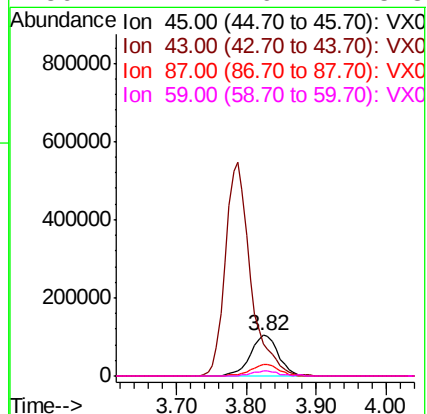
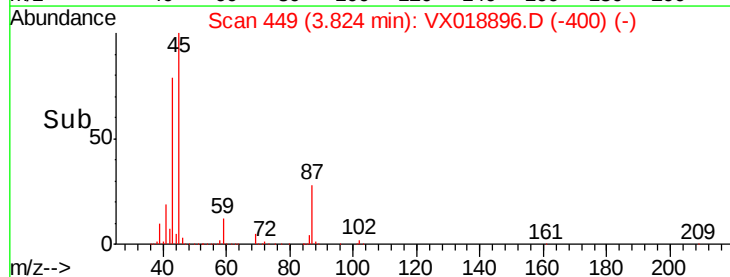


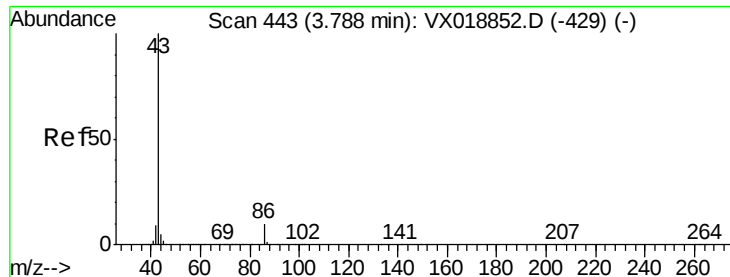
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 268.165 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

ClientSampleId :

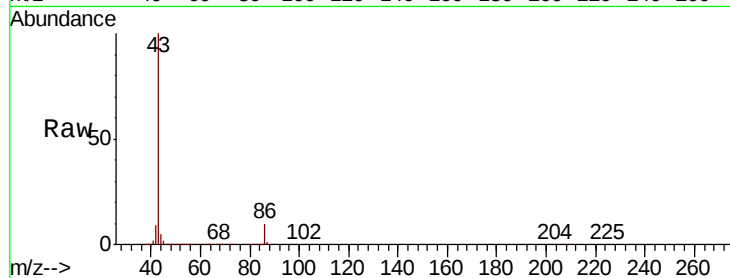
VSTDCCC050EC

Tot Ion: 43 Resp: 1372759

Ion Ratio Lower Upper

43 100

86 10.5 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

600000

500000

400000

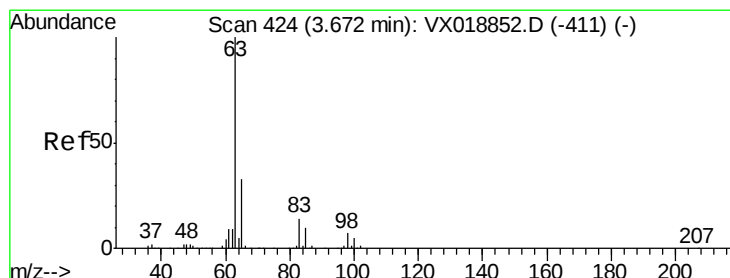
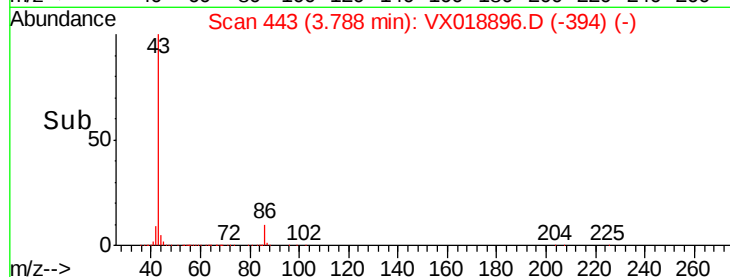
300000

200000

100000

0

Time--> 3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 51.525 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

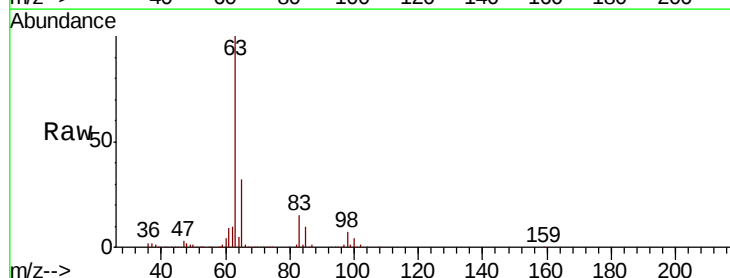
Tgt Ion: 63 Resp: 184390

Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.2

100 4.2 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

100000

80000

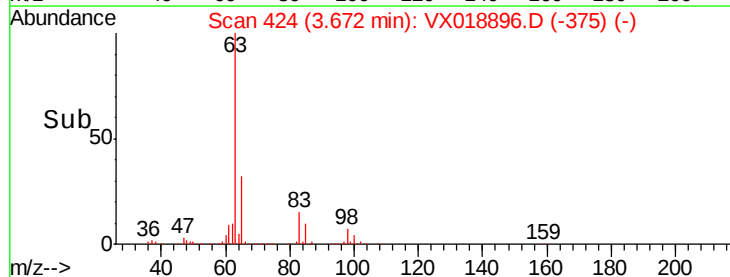
60000

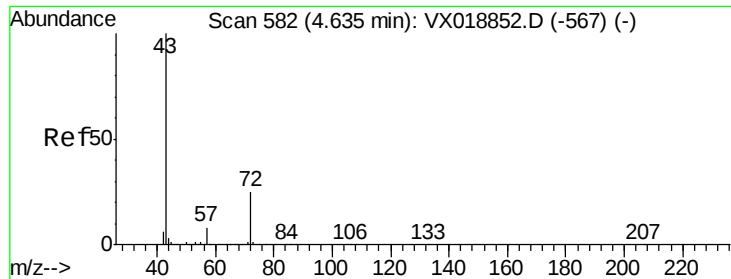
40000

20000

0

Time--> 3.50 3.60 3.70 3.80

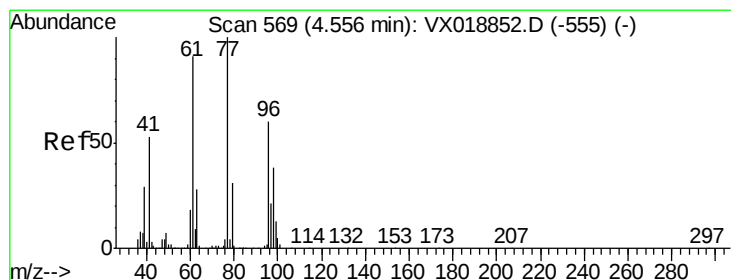
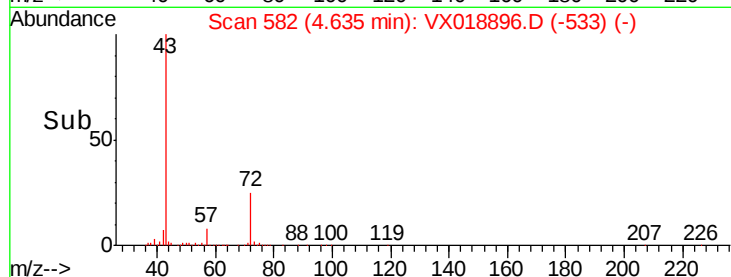
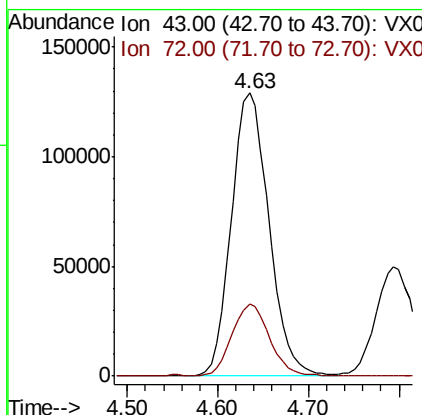
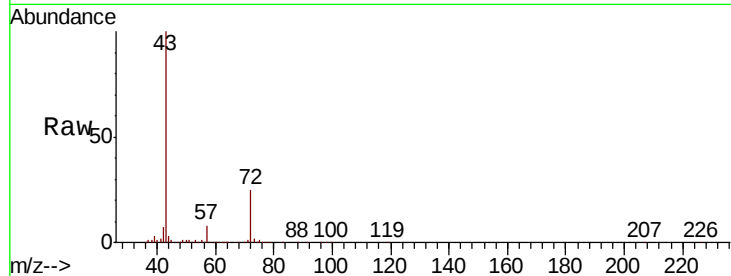




#25
 2-Butanone
 Concen: 260.255 ug/l
 RT: 4.63 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VX018896.D
 Acq: 10 Oct 2020 08:08

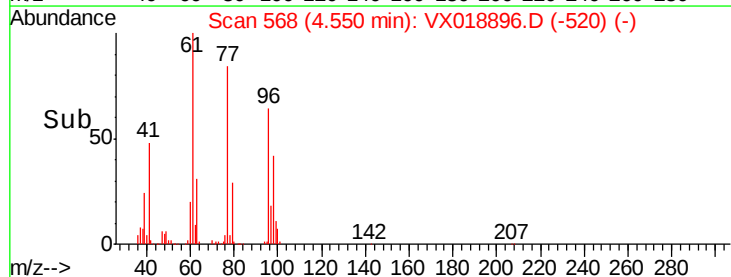
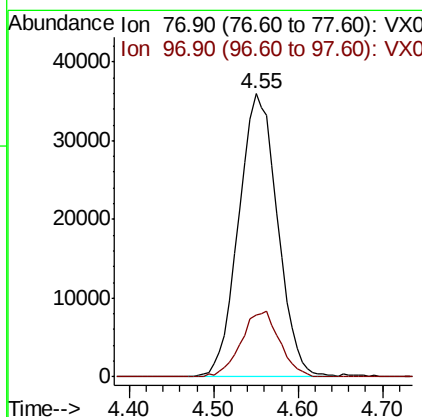
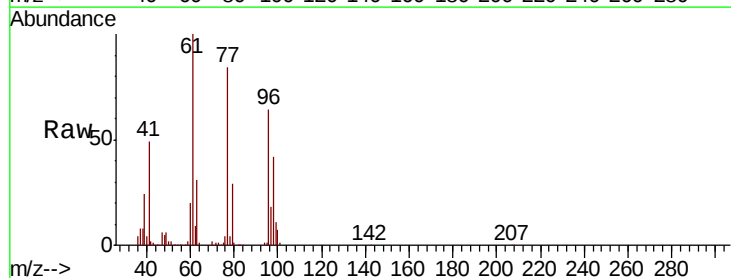
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

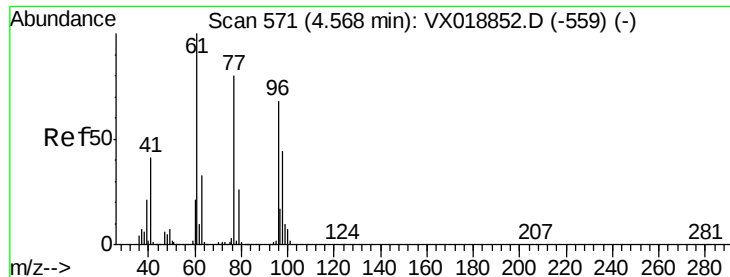
Tot Ion: 43 Resp: 369276
 Ion Ratio Lower Upper
 43 100
 72 25.2 20.2 30.4



#26
 2,2-Dichloropropane
 Concen: 32.617 ug/l
 RT: 4.55 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: VX018896.D
 Acq: 10 Oct 2020 08:08

Tgt Ion: 77 Resp: 112622
 Ion Ratio Lower Upper
 77 100
 97 22.9 10.4 31.4



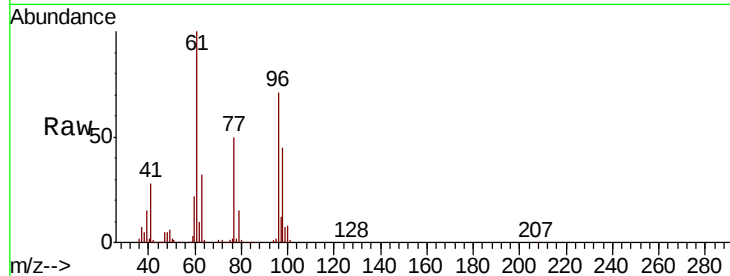


#27

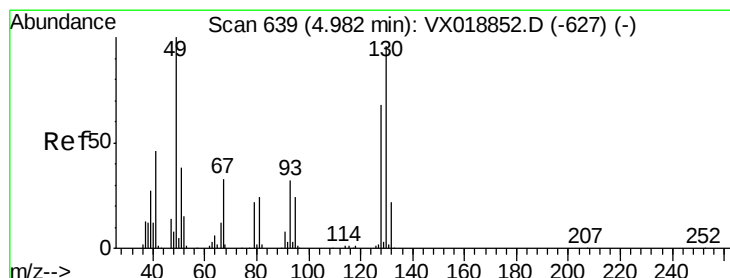
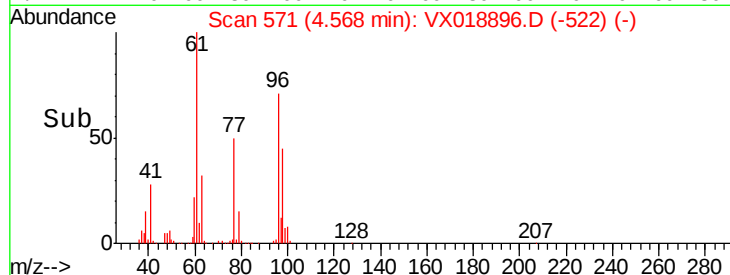
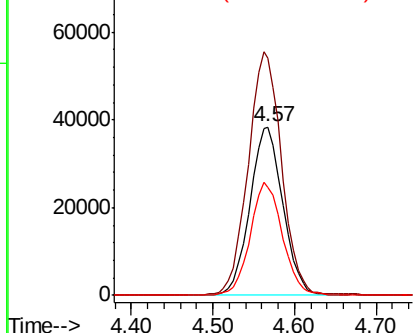
cis-1,2-Dichloroethene
 Concen: 51.284 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: VX018896.D
 Acq: 10 Oct 2020 08:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.3	0.0	306.8
98	65.6	0.0	130.2



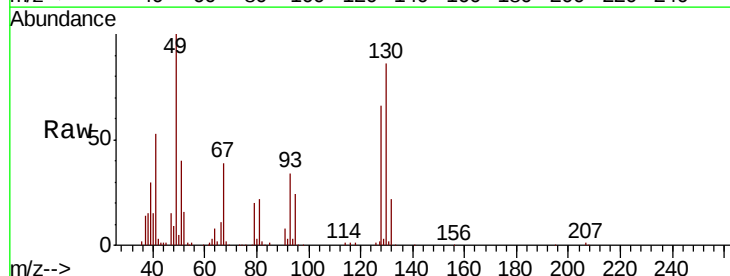
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



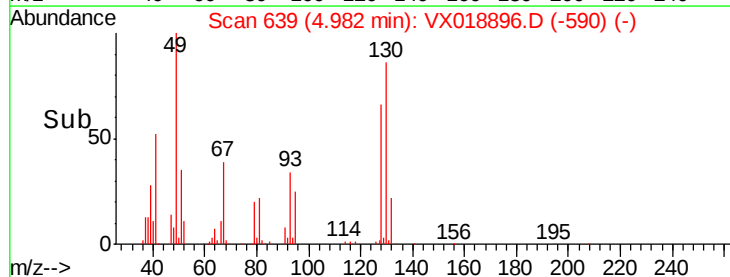
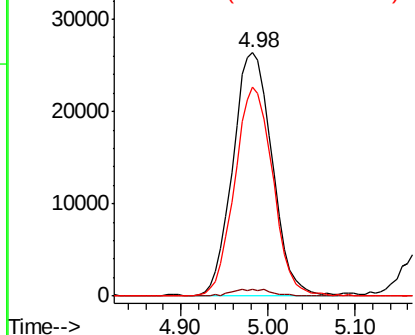
#28

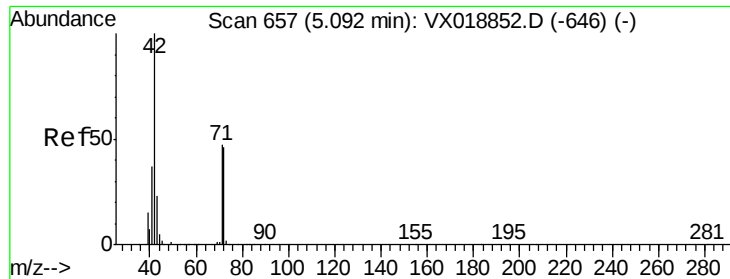
Bromochloromethane
 Concen: 52.327 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: VX018896.D
 Acq: 10 Oct 2020 08:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	5.4
130	83.0	71.2	106.8



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: 276.863 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

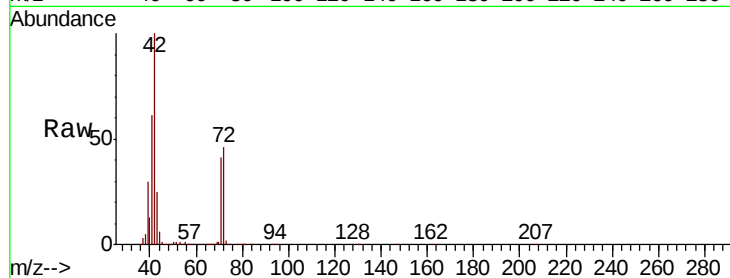
Tot Ion: 42 Resp: 210768

Ion Ratio Lower Upper

42 100

72 46.1 36.4 54.6

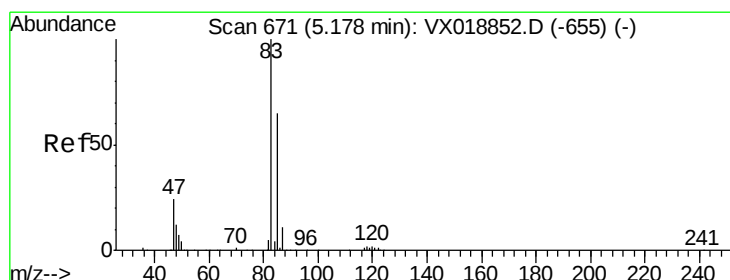
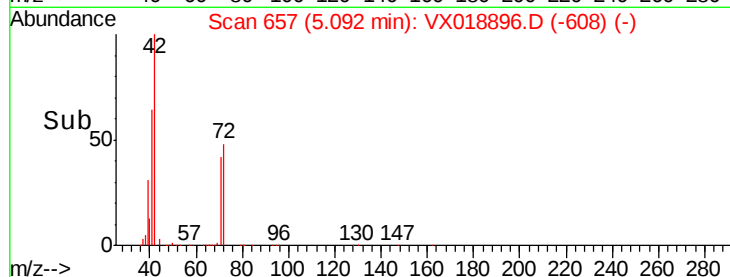
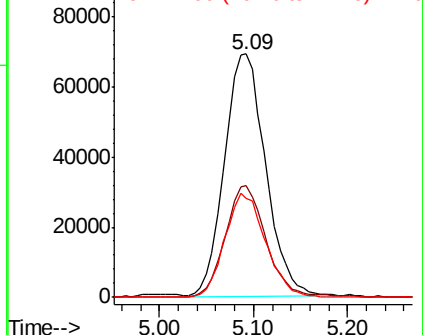
71 42.6 35.2 52.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 51.396 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX018896.D

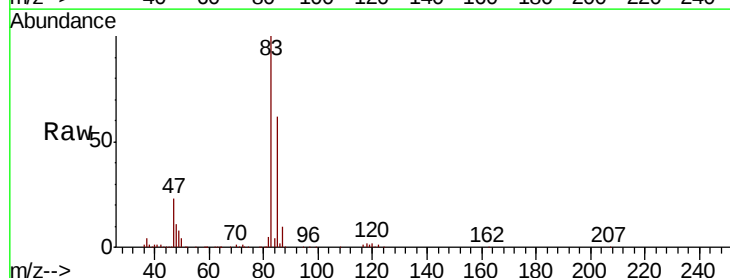
Acq: 10 Oct 2020 08:08

Tgt Ion: 83 Resp: 202643

Ion Ratio Lower Upper

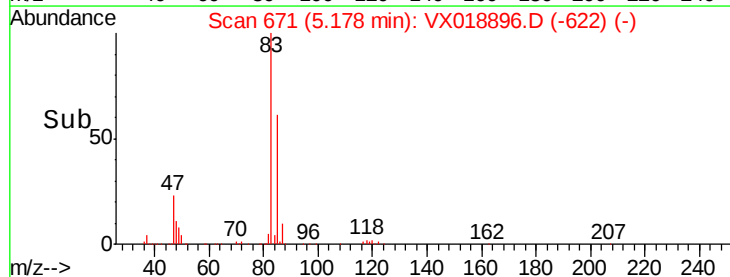
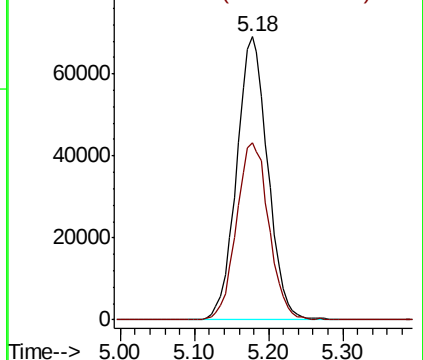
83 100

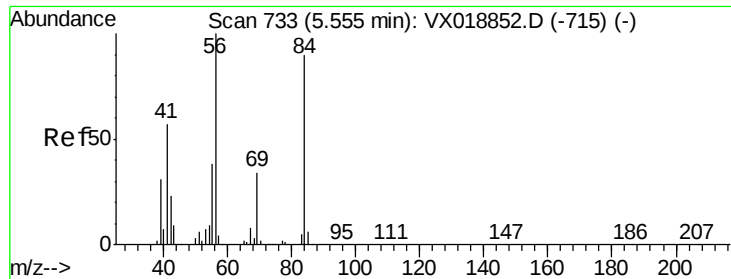
85 62.4 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

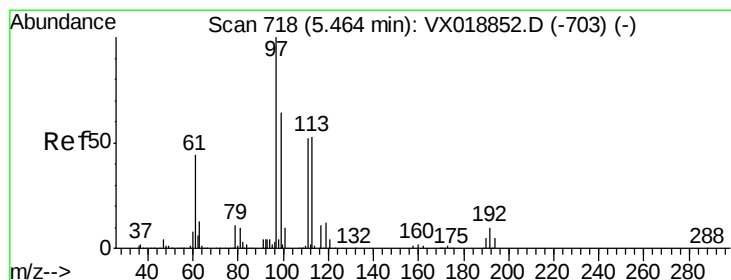
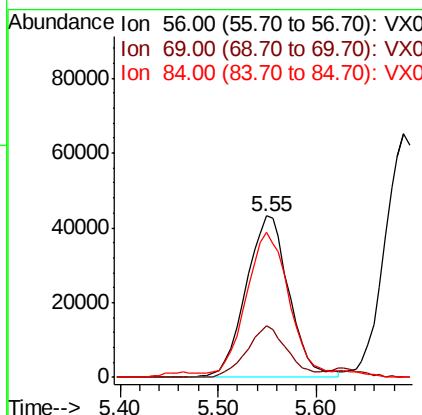
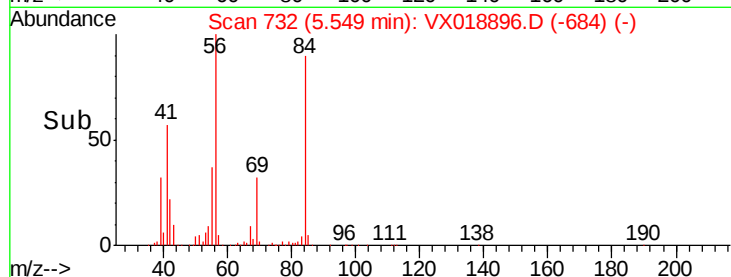
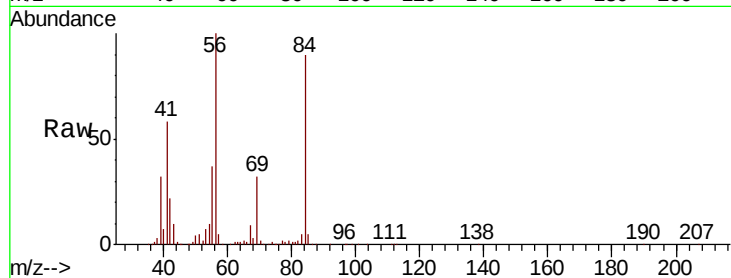




#31
Cyclohexane
Concen: 53.653 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

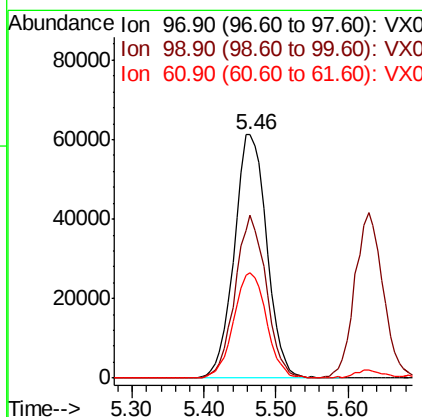
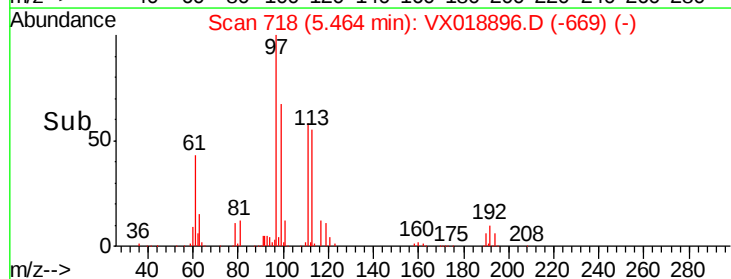
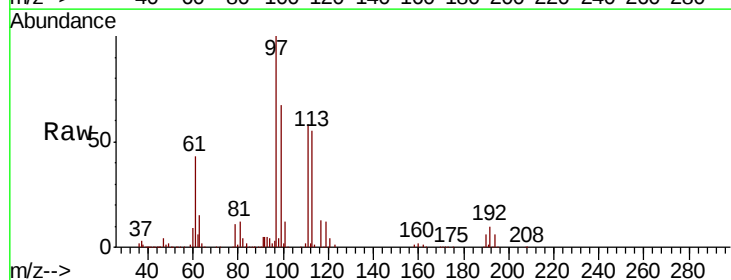
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

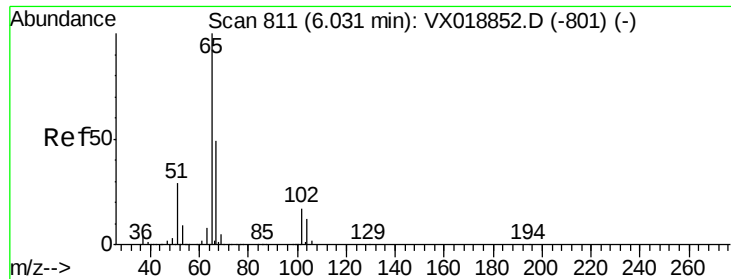
Tot Ion: 56 Resp: 131276
Ion Ratio Lower Upper
56 100
69 31.9 27.1 40.7
84 87.3 71.7 107.5



#32
1,1,1-Trichloroethane
Concen: 51.390 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Tgt Ion: 97 Resp: 192553
Ion Ratio Lower Upper
97 100
99 63.8 52.1 78.1
61 43.7 35.3 52.9

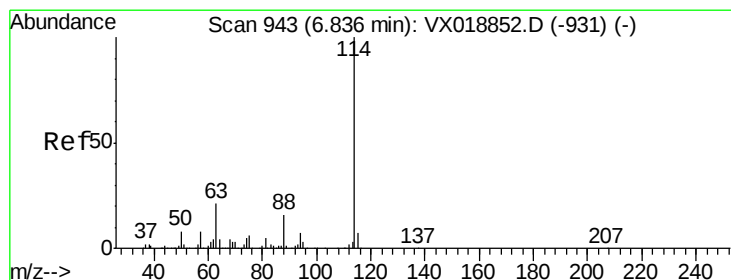
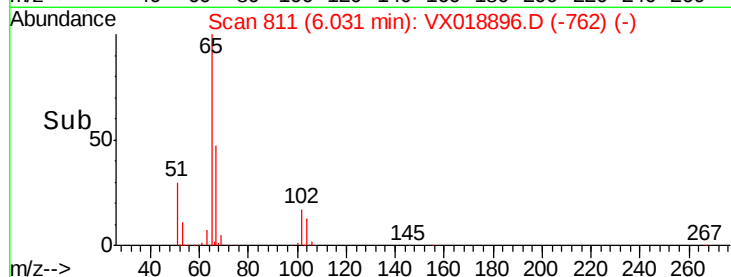
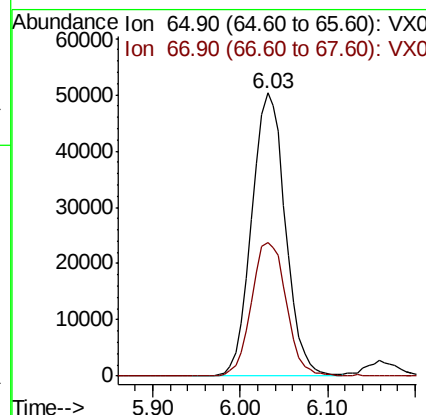
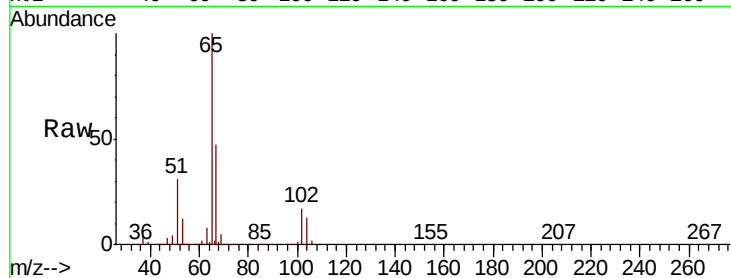




#33
 1,2-Dichloroethane-d4
 Concen: 51.524 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX018896.D
 Acq: 10 Oct 2020 08:08

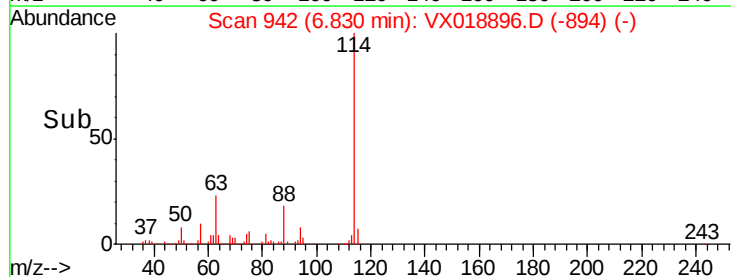
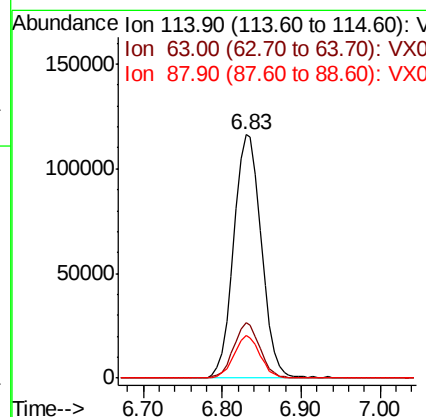
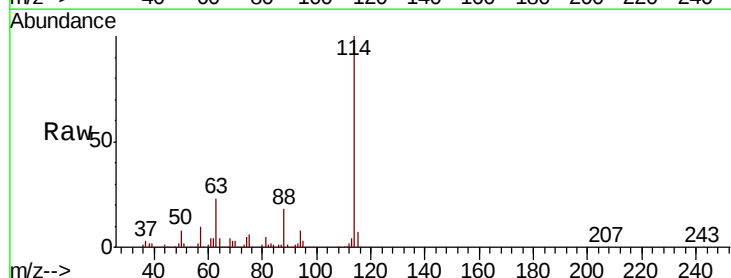
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

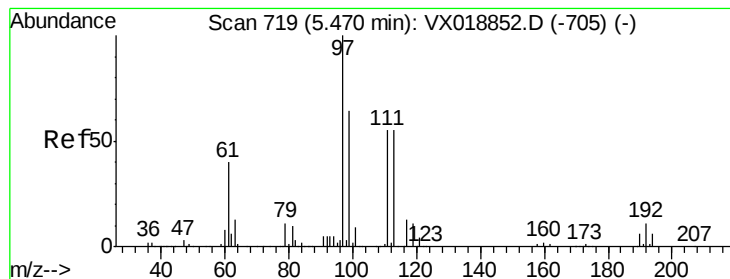
Tot Ion: 65 Resp: 134974
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 97.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018896.D
 Acq: 10 Oct 2020 08:08

Tgt Ion: 114 Resp: 284271
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 42.4
 88 17.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.663 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

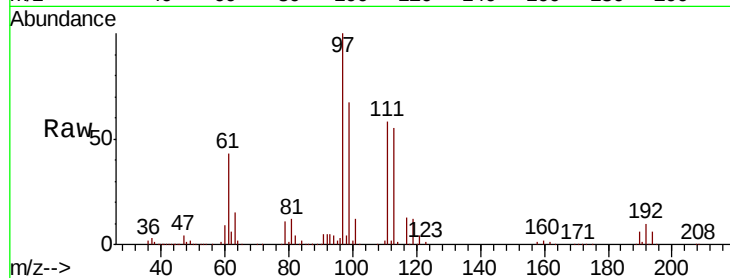
Tot Ion:113 Resp: 96560

Ion Ratio Lower Upper

113 100

111 105.9 80.1 120.1

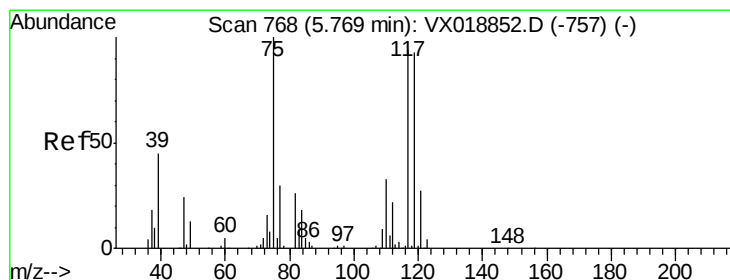
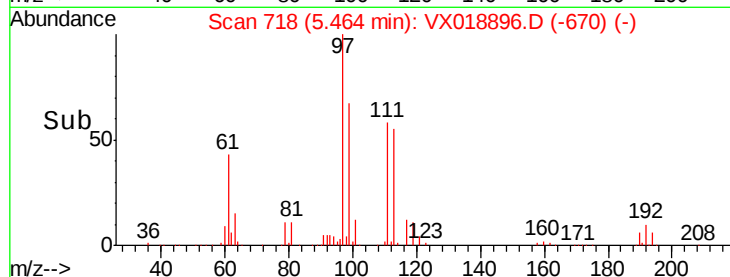
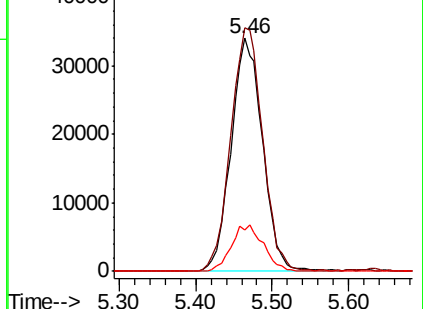
192 20.3 16.0 24.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.141 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

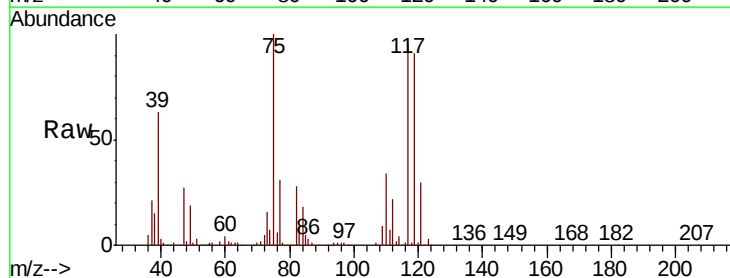
Tgt Ion: 75 Resp: 137909

Ion Ratio Lower Upper

75 100

110 35.6 17.8 53.5

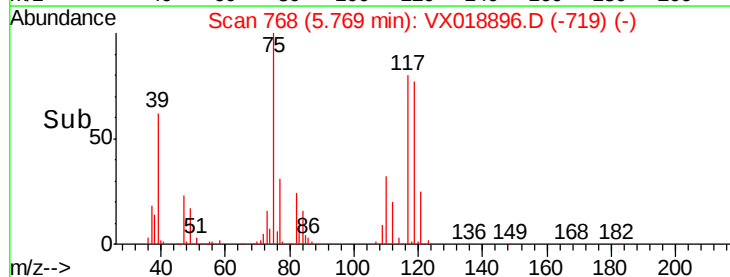
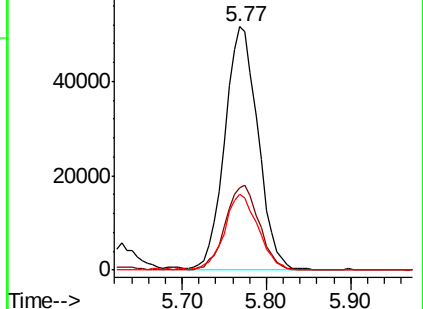
77 32.0 24.2 36.4

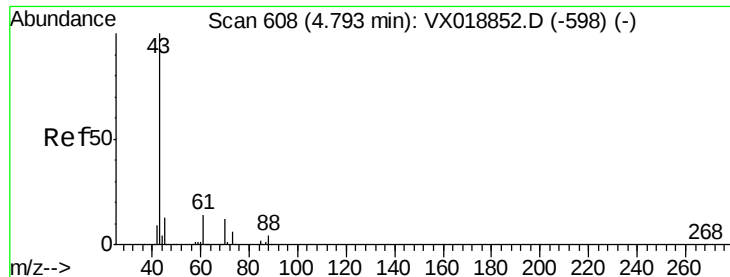


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

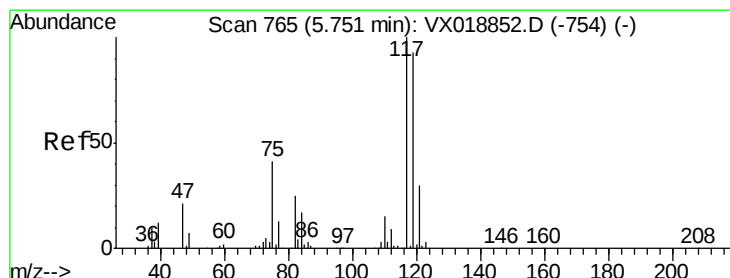
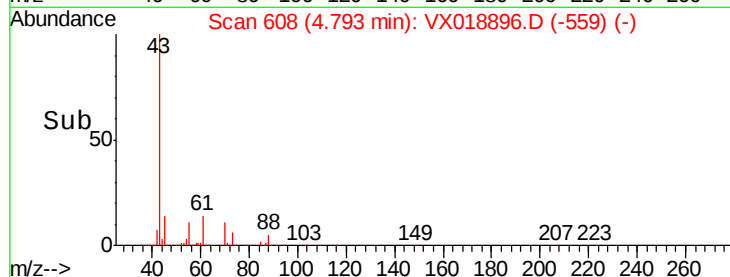
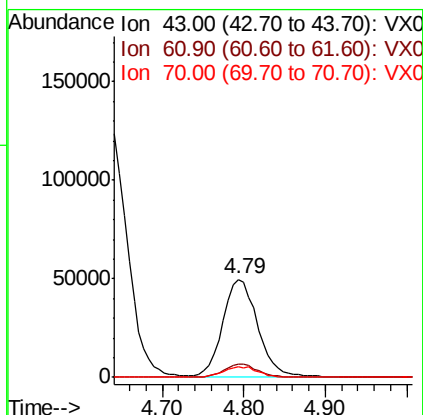
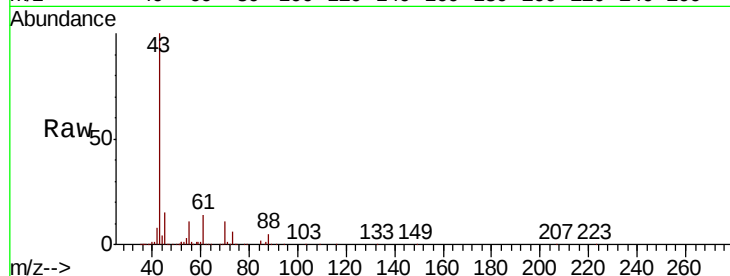




#37
Ethyl Acetate
Concen: 50.602 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

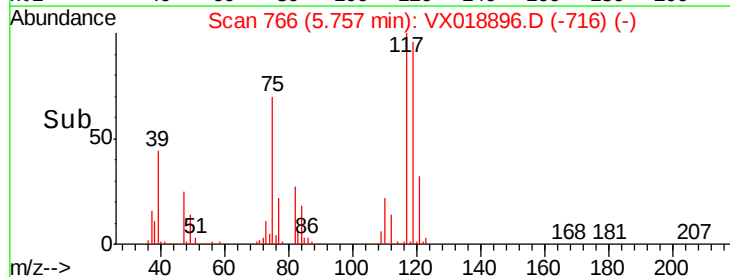
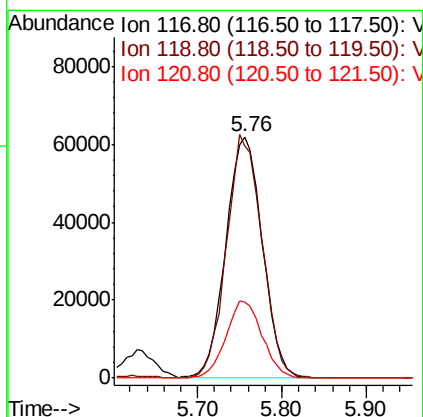
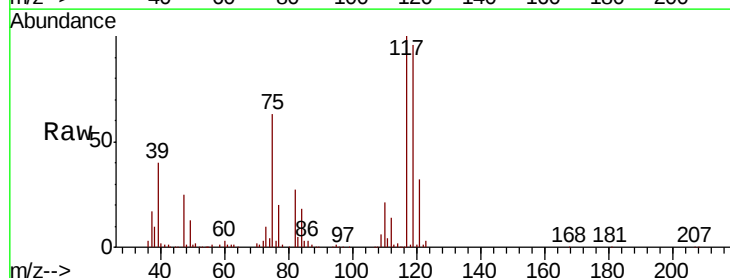
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

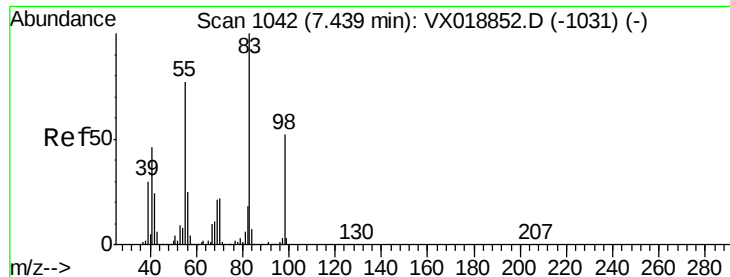
Tot Ion: 43 Resp: 146050
Ion Ratio Lower Upper
43 100
61 13.5 10.9 16.3
70 10.8 8.6 13.0



#38
Carbon Tetrachloride
Concen: 49.255 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Tgt Ion: 117 Resp: 182467
Ion Ratio Lower Upper
117 100
119 96.2 73.9 110.9
121 31.7 23.6 35.4

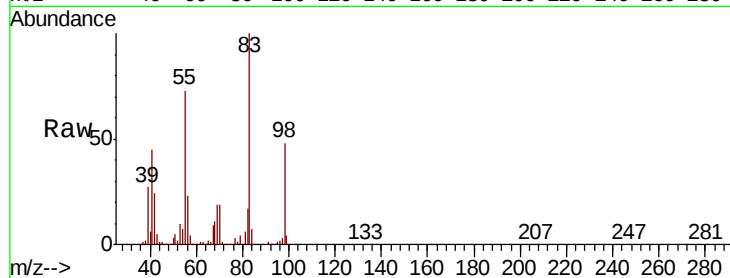




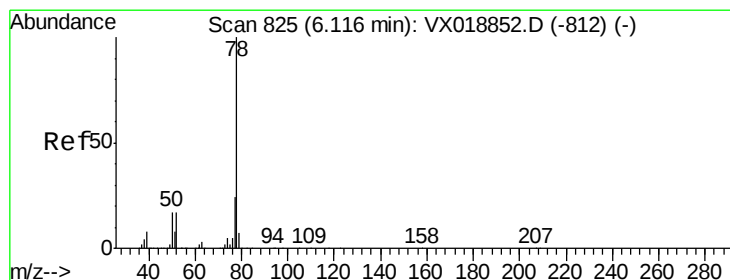
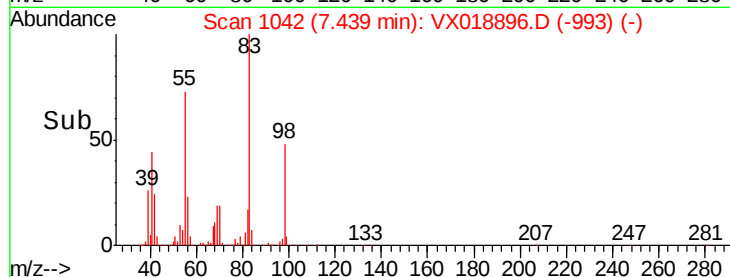
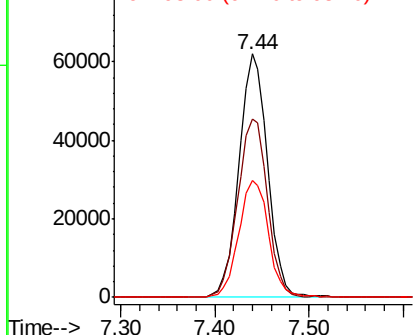
#39
Methvlcvclohexane
Concen: 47.721 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 131480
Ion Ratio Lower Upper
83 100
55 73.0 61.8 92.6
98 48.1 41.4 62.0

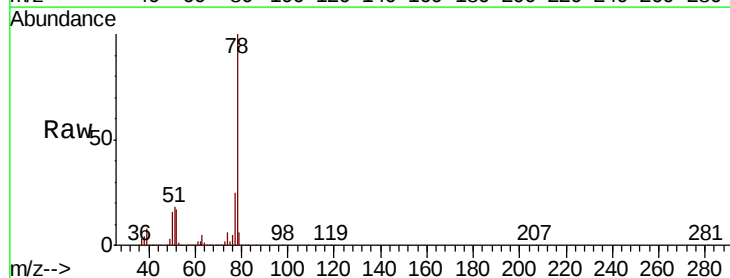


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

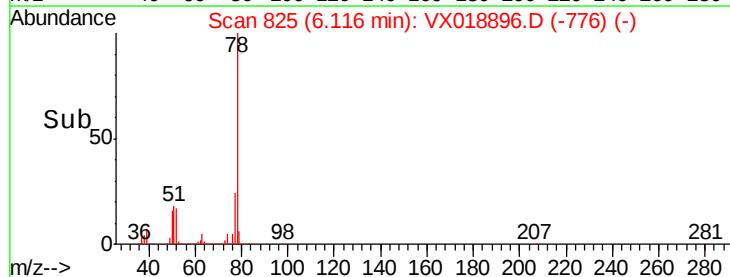
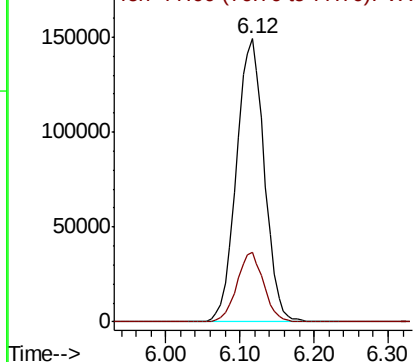


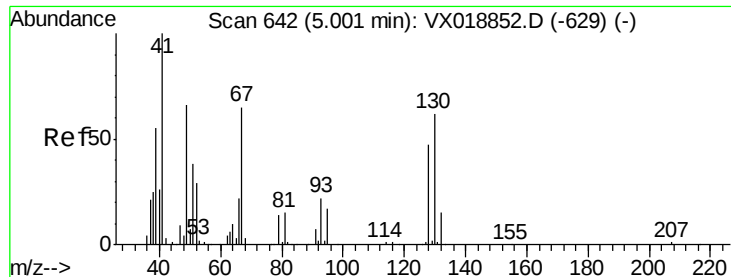
#40
Benzene
Concen: 48.853 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Tgt Ion: 78 Resp: 392283
Ion Ratio Lower Upper
78 100
77 24.7 19.1 28.7



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

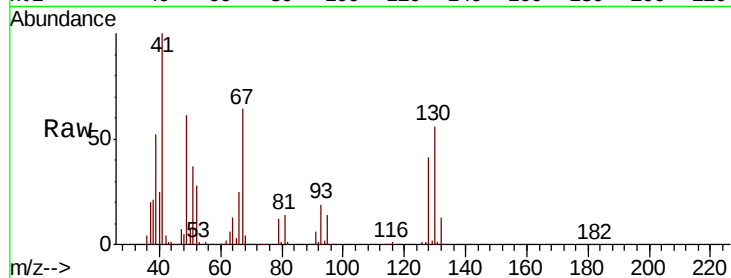




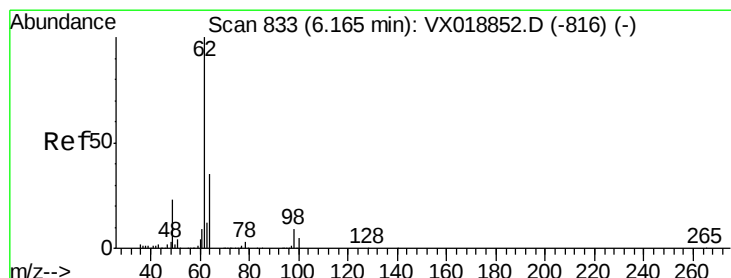
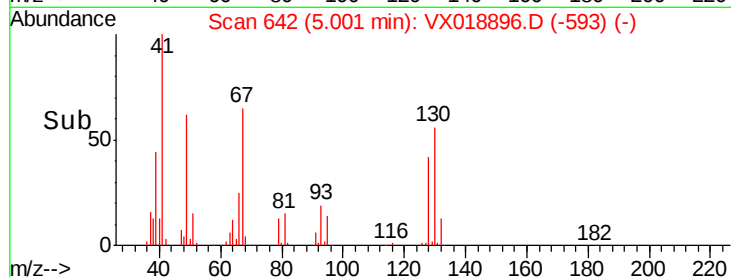
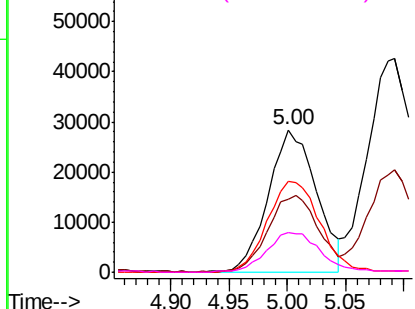
#41
Methacrylonitrile
Concen: 48.742 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	81612
Ion	Ratio	Lower	Upper
41	100		
39	55.8	45.4	68.2
67	70.1	55.4	83.2
52	30.9	23.8	35.8

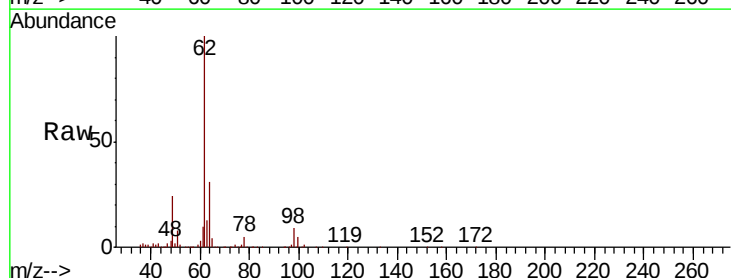


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

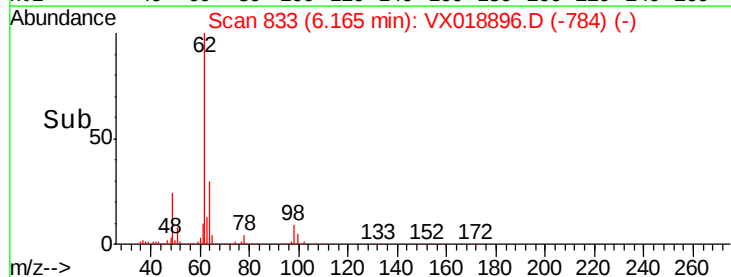
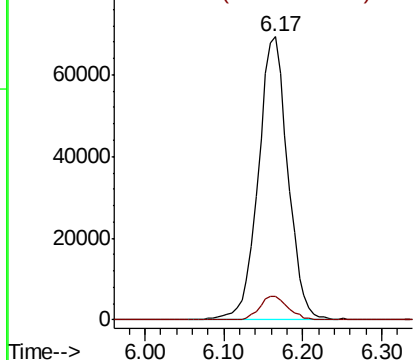


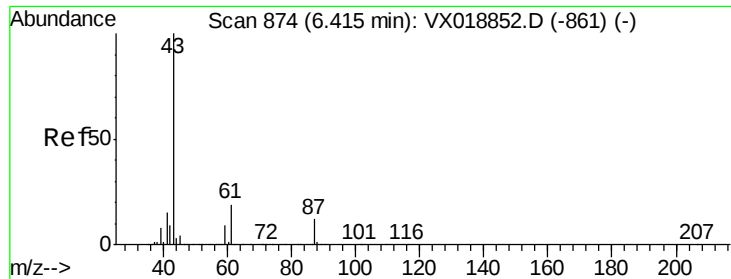
#42
1,2-Dichloroethane
Concen: 48.081 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Tgt Ion:	62	Resp:	181005
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



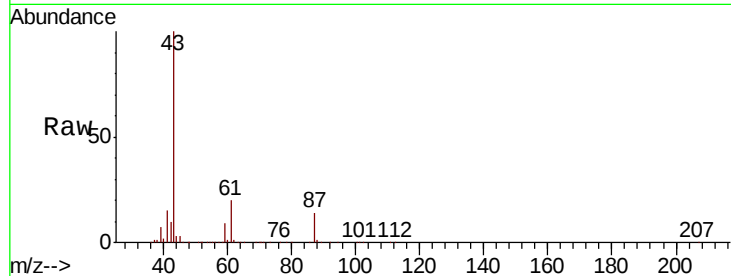


#43

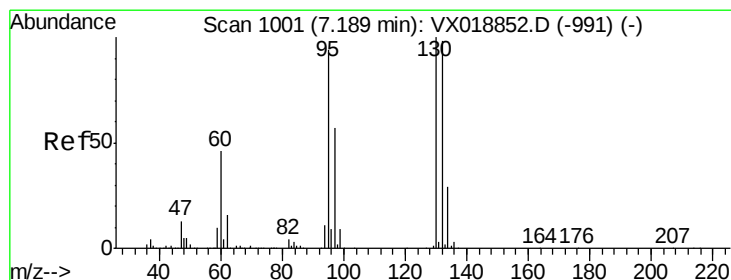
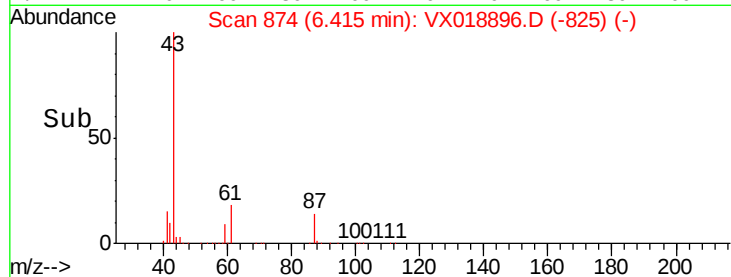
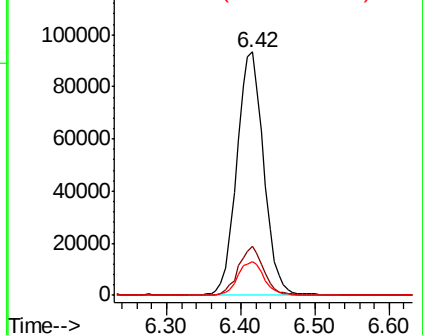
Isopropyl Acetate
 Concen: 49.081 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX018896.D
 Acq: 10 Oct 2020 08:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.5	23.3
87	13.6	10.8	16.2



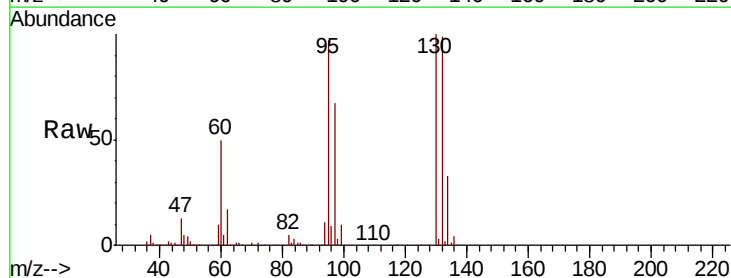
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



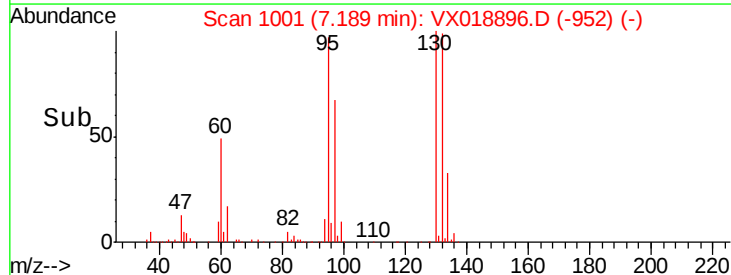
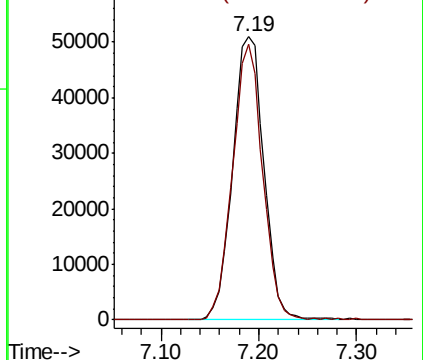
#44

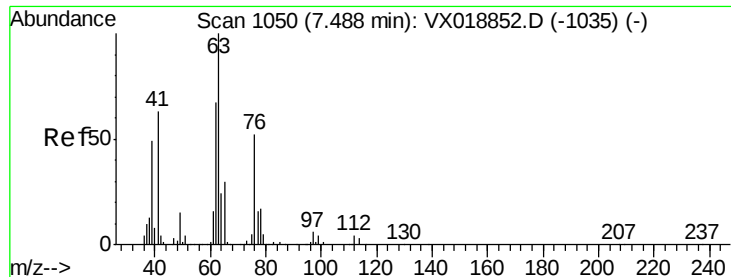
Trichloroethene
 Concen: 46.994 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018896.D
 Acq: 10 Oct 2020 08:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.4	0.0	188.4



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





#45

1,2-Dichloropropane

Concen: 48.965 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

ClientSampleId :

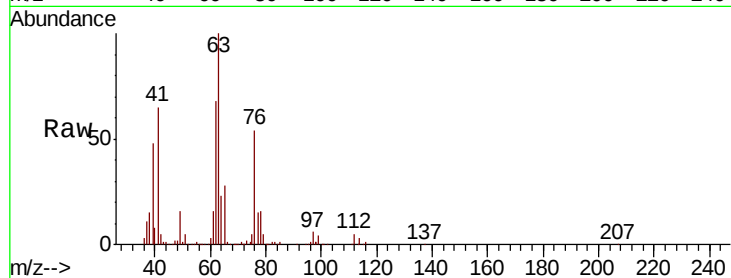
VSTDCCC050EC

Tot Ion: 63 Resp: 104035

Ion Ratio Lower Upper

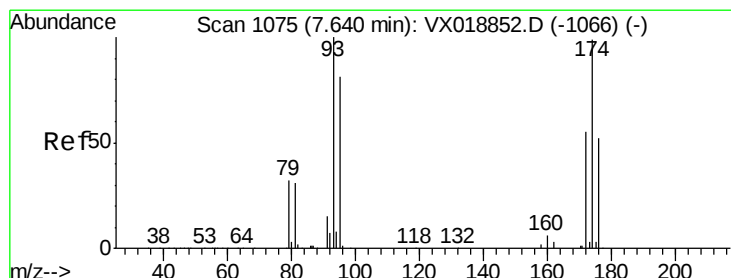
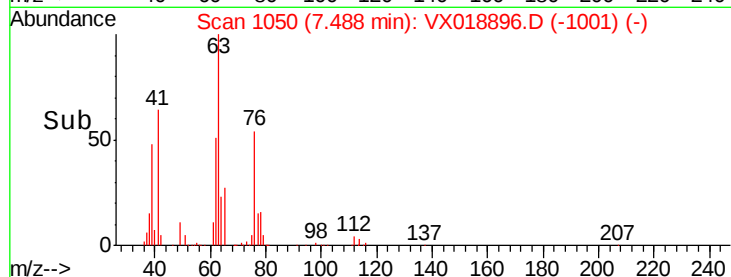
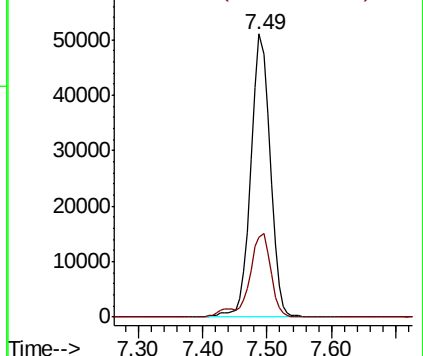
63 100

65 28.0 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.212 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

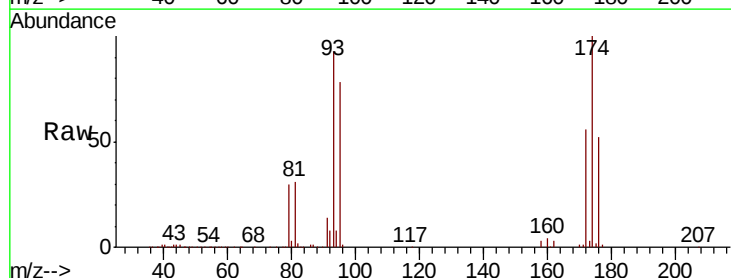
Tgt Ion: 93 Resp: 75700

Ion Ratio Lower Upper

93 100

95 83.8 66.1 99.1

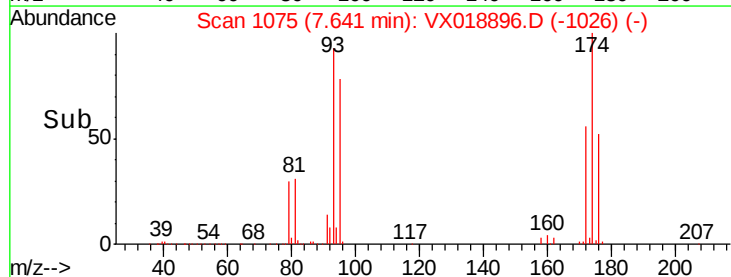
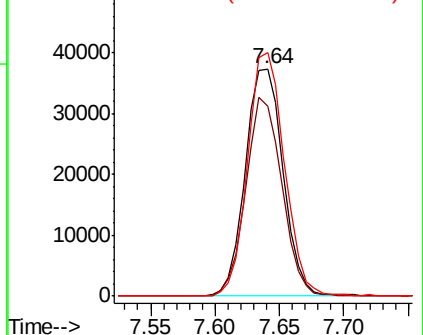
174 104.7 84.6 127.0

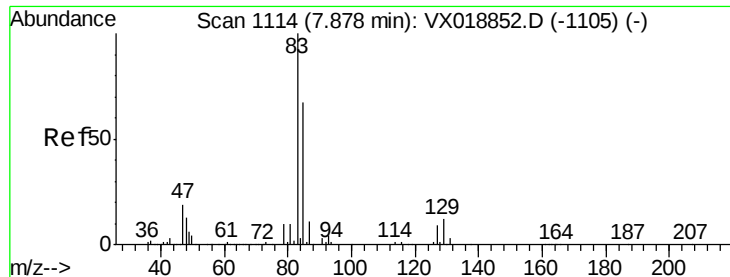


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.981 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

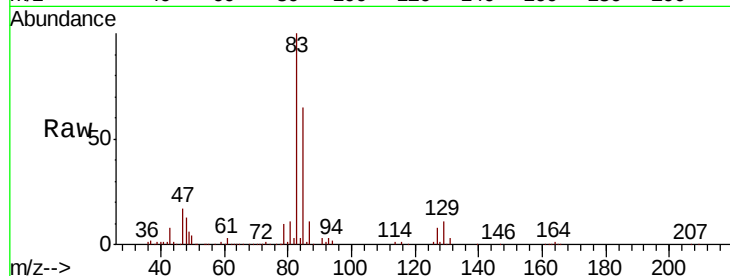
Tot Ion: 83 Resp: 166658

Ion Ratio Lower Upper

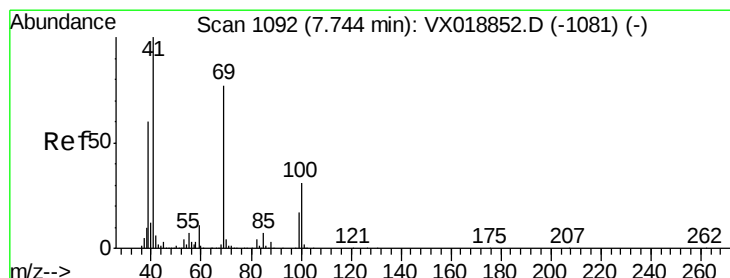
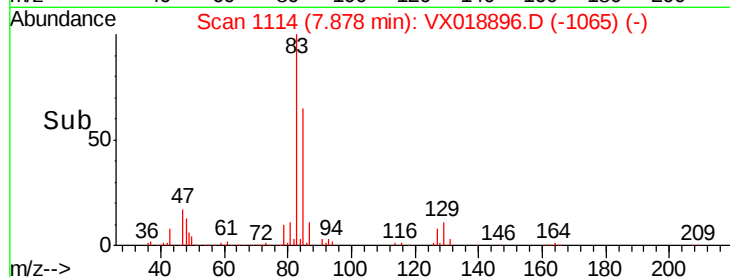
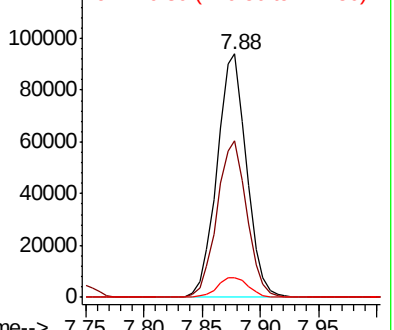
83 100

85 64.5 53.8 80.6

127 8.3 7.5 11.3



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: 50.043 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

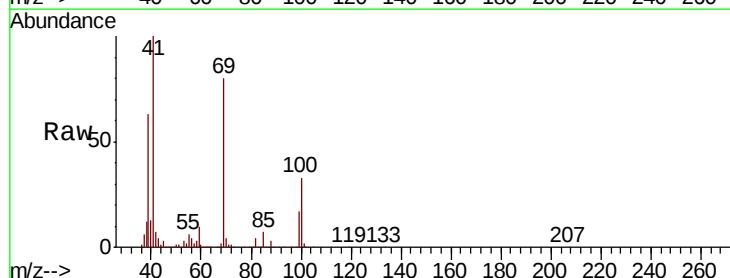
Tgt Ion: 41 Resp: 121800

Ion Ratio Lower Upper

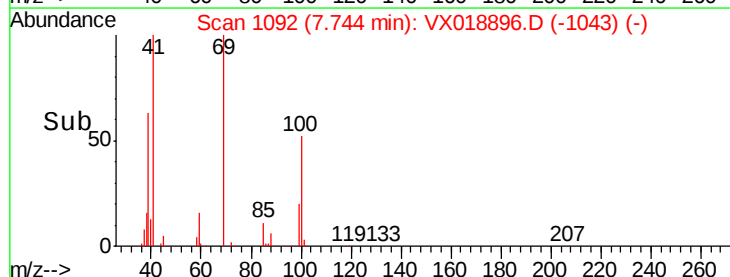
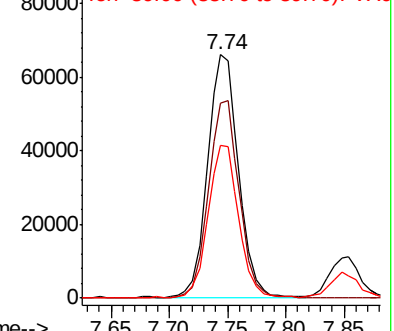
41 100

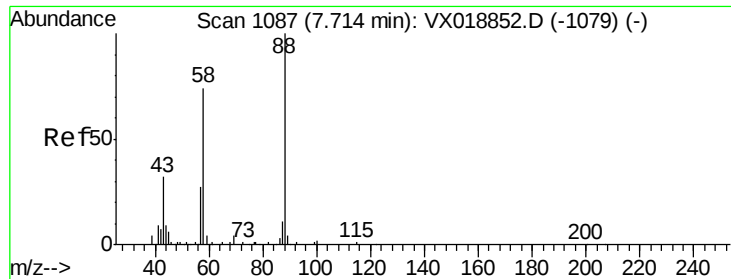
69 81.2 64.6 97.0

39 62.6 48.6 73.0



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



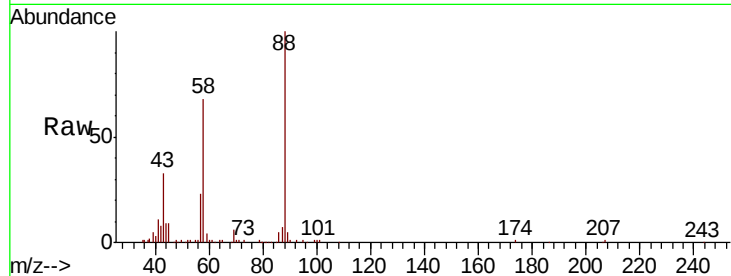


#49
 1,4-Dioxane
 Concen: 976.040 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX018896.D
 Acq: 10 Oct 2020 08:08

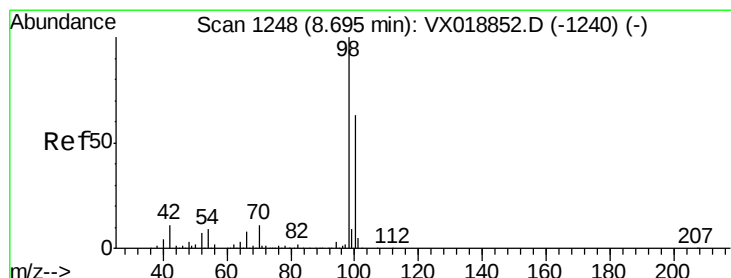
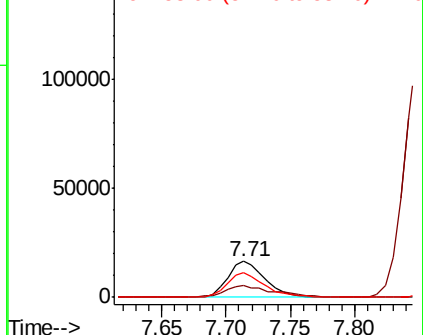
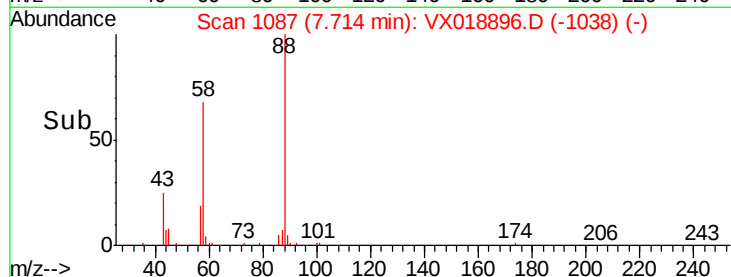
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 88 Resp: 33310

Ion	Ratio	Lower	Upper
88	100		
43	38.9	31.0	46.6
58	70.8	59.3	88.9



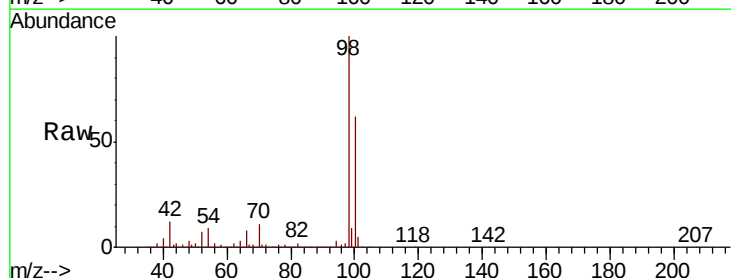
Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0



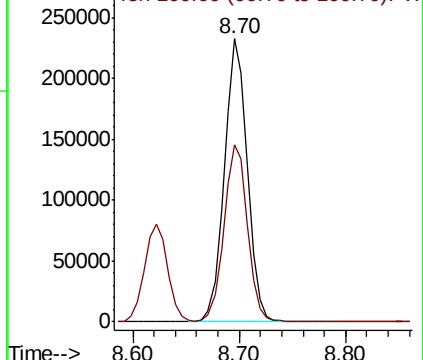
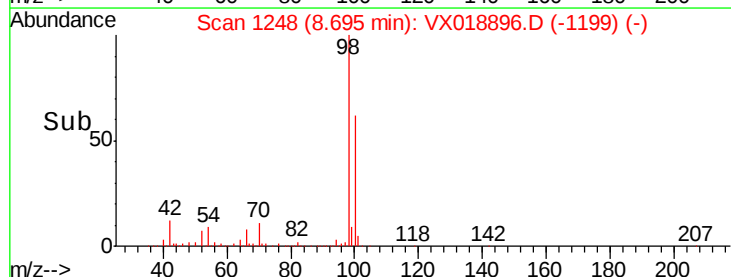
#50
 Toluene-d8
 Concen: 49.848 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VX018896.D
 Acq: 10 Oct 2020 08:08

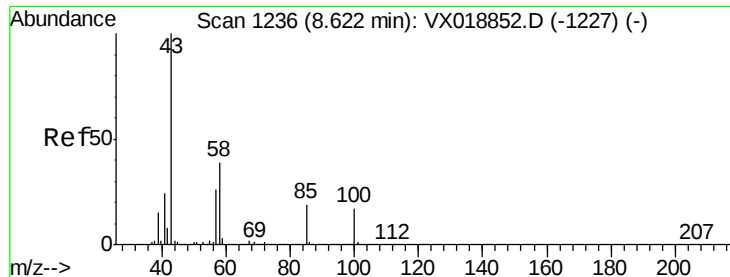
Tgt Ion: 98 Resp: 350296

Ion	Ratio	Lower	Upper
98	100		
100	64.3	53.1	79.7



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





#51

4-Methyl-2-Pentanone

Concen: 268.436 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

ClientSampleId :

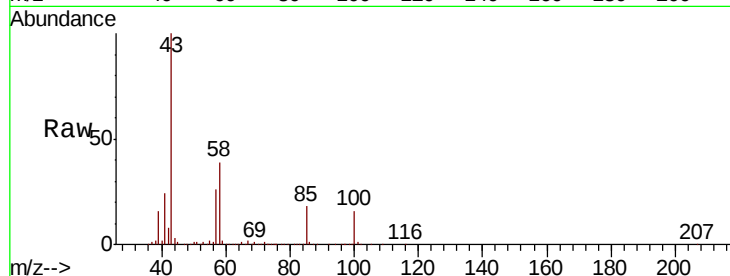
VSTDCCC050EC

Tot Ion: 43 Resp: 751525

Ion Ratio Lower Upper

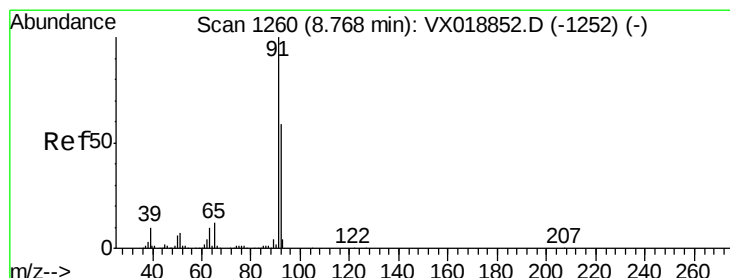
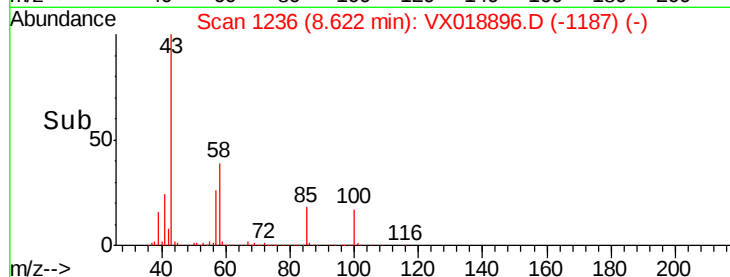
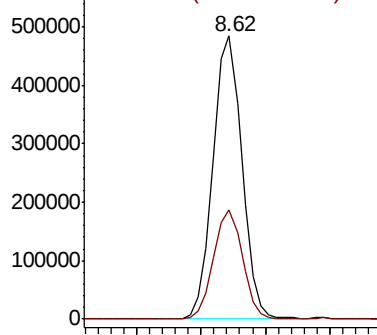
43 100

58 38.5 30.9 46.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.988 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX018896.D

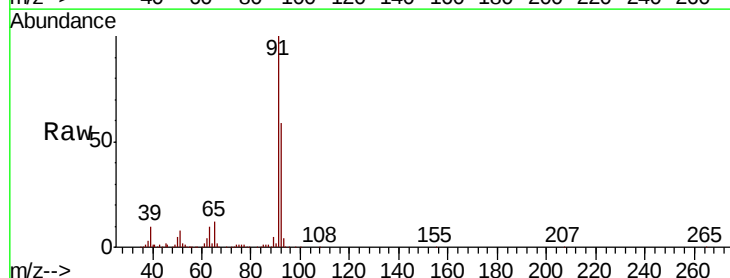
Acq: 10 Oct 2020 08:08

Tgt Ion: 92 Resp: 257591

Ion Ratio Lower Upper

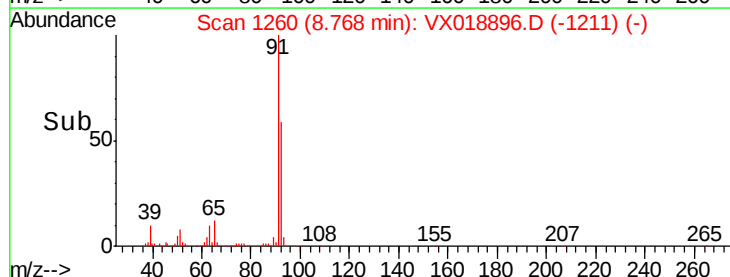
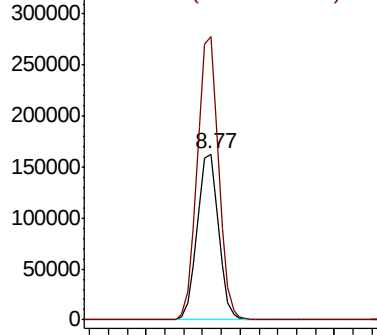
92 100

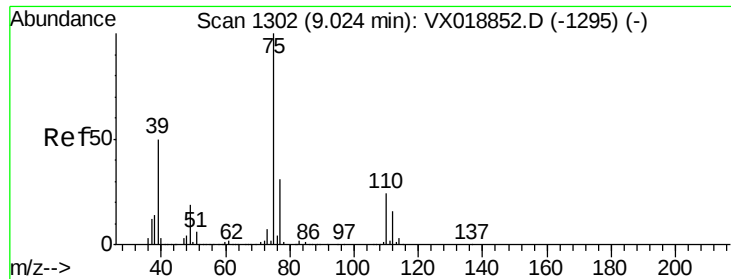
91 170.0 138.2 207.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 47.404 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

ClientSampleId :

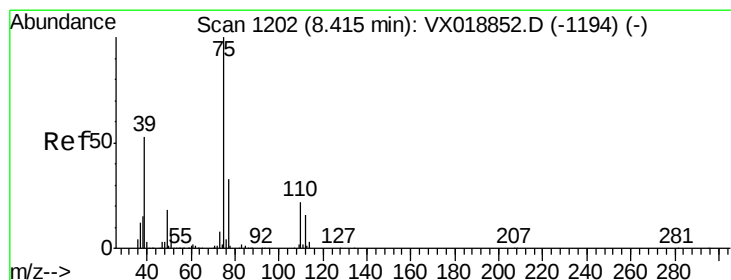
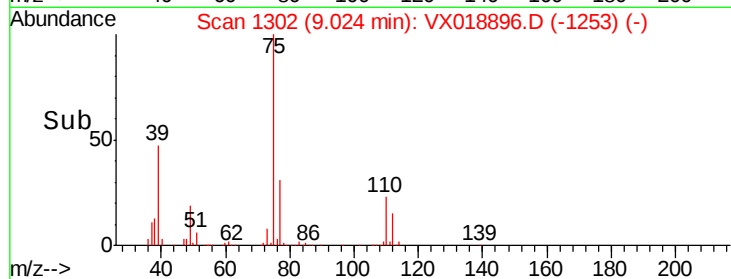
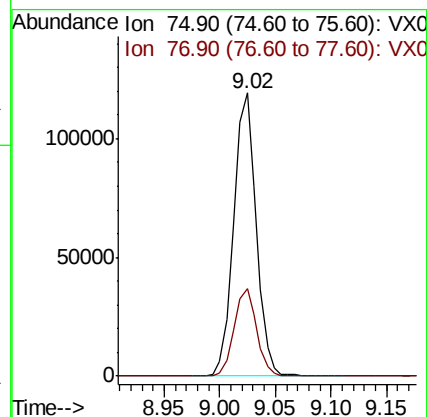
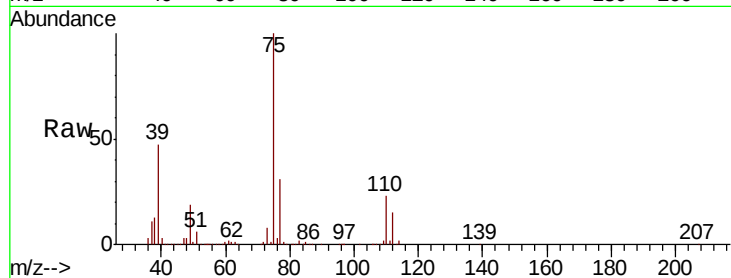
VSTDCCC050EC

Tot Ion: 75 Resp: 167012

Ion Ratio Lower Upper

75 100

77 31.1 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 46.637 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

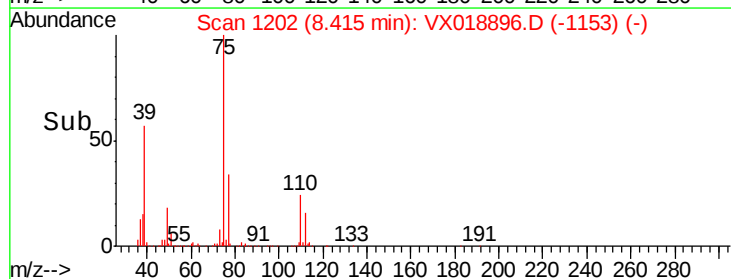
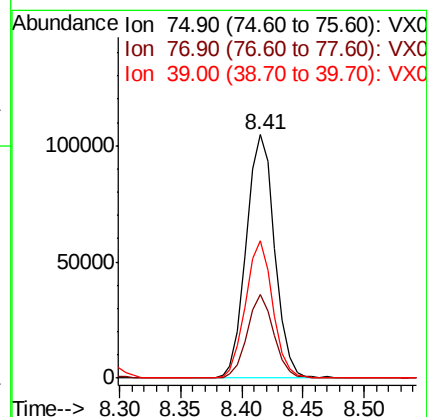
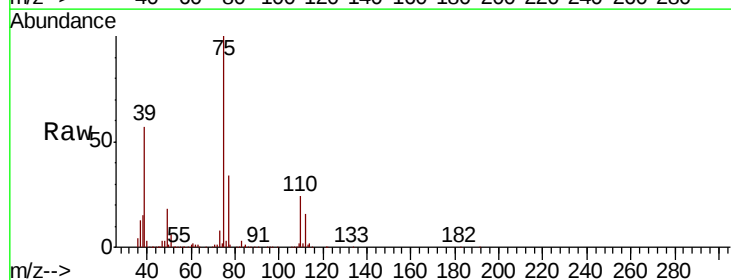
Tgt Ion: 75 Resp: 169026

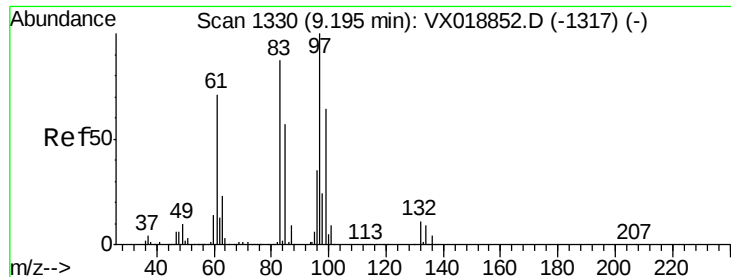
Ion Ratio Lower Upper

75 100

77 34.3 26.6 39.8

39 56.5 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 47.028 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 104095

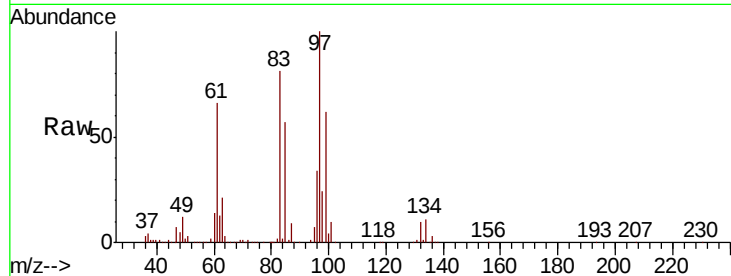
Ion Ratio Lower Upper

97 100

83 81.1 69.3 103.9

85 56.5 45.3 67.9

99 62.2 51.0 76.6

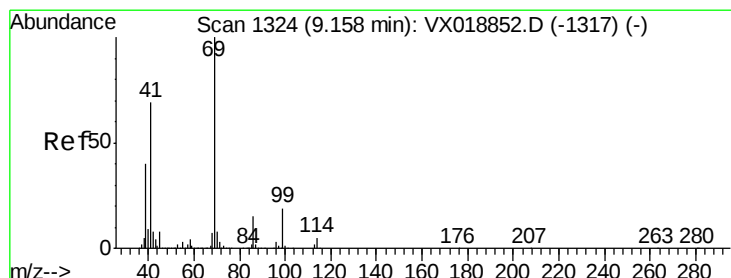
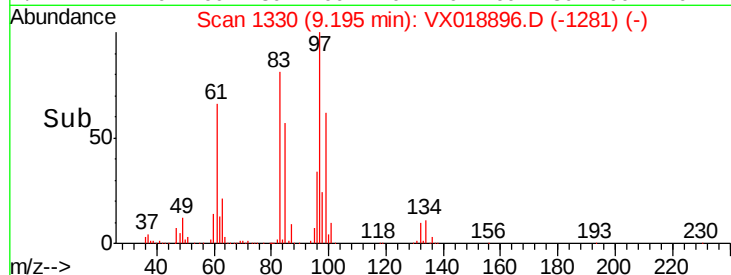
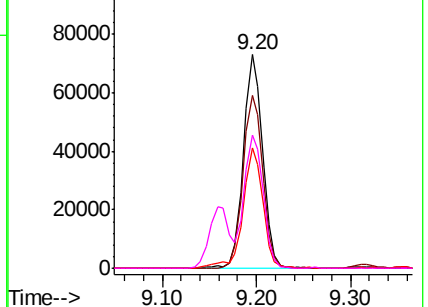


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 47.705 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

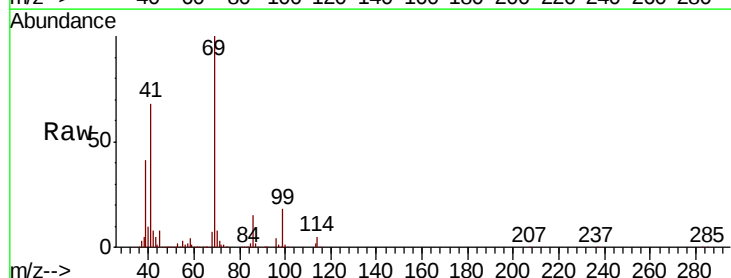
Tgt Ion: 69 Resp: 153680

Ion Ratio Lower Upper

69 100

41 68.4 54.6 81.8

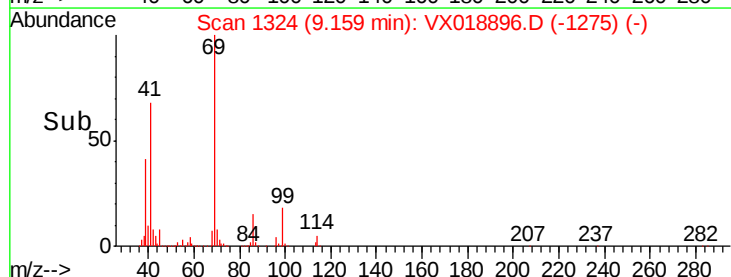
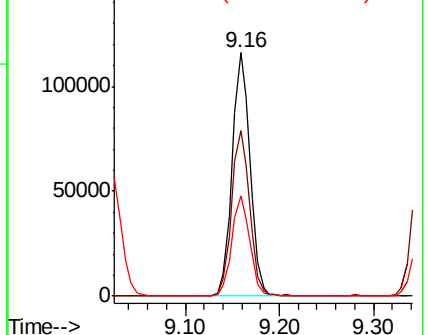
39 40.6 31.5 47.3

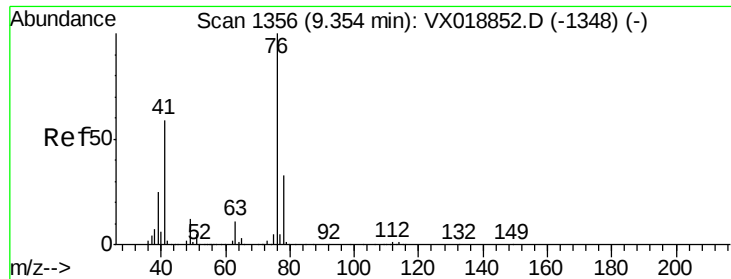


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.742 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

ClientSampleId :

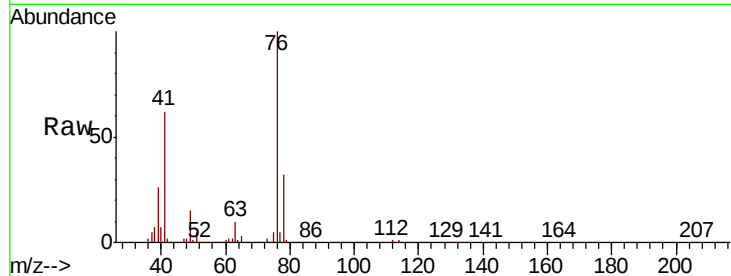
VSTDCCC050EC

Tot Ion: 76 Resp: 178650

Ion Ratio Lower Upper

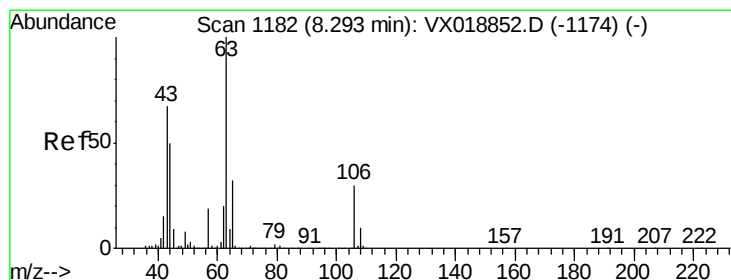
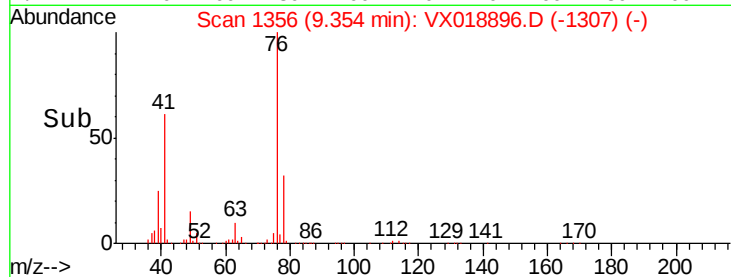
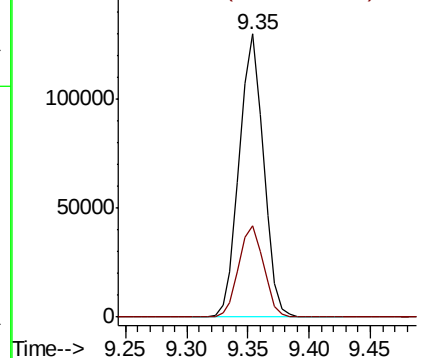
76 100

78 33.2 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 254.153 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018896.D

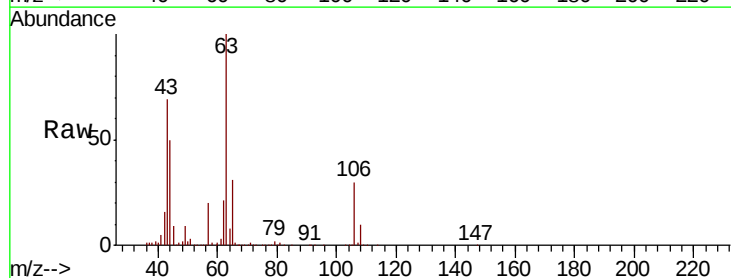
Acq: 10 Oct 2020 08:08

Tgt Ion: 63 Resp: 407014

Ion Ratio Lower Upper

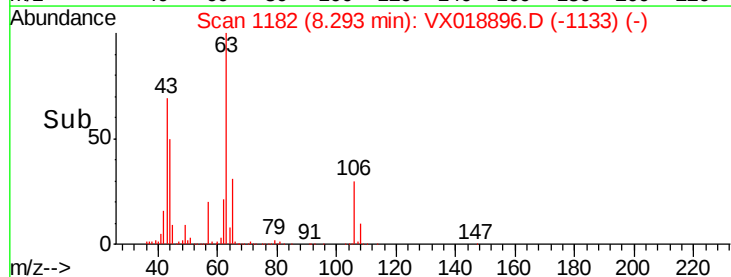
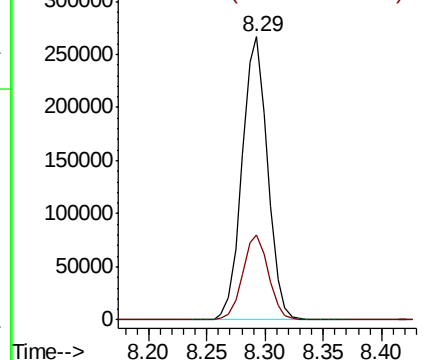
63 100

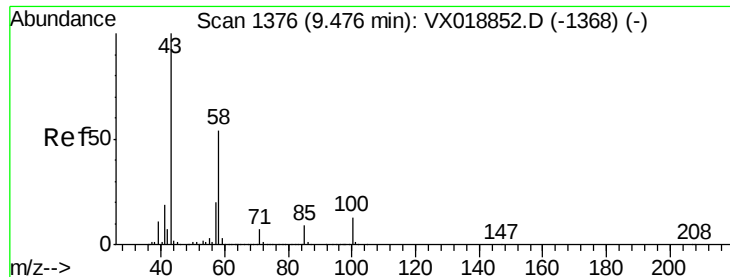
106 30.4 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

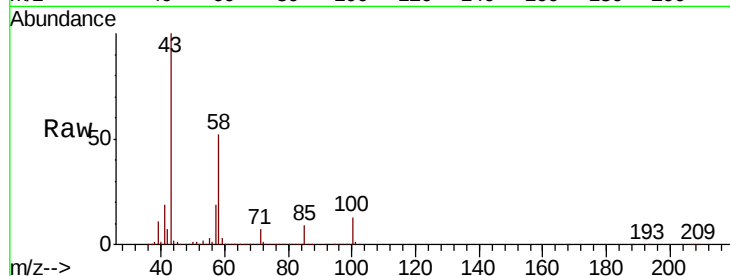




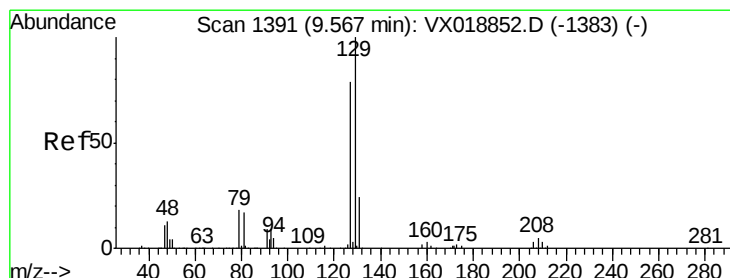
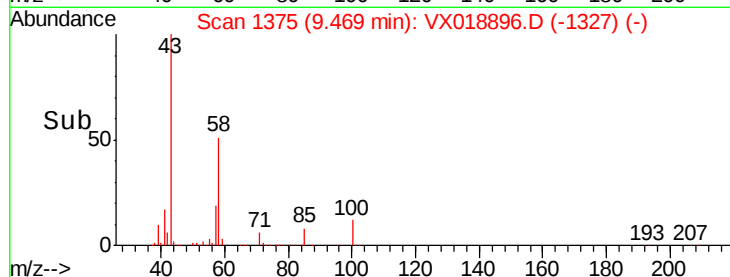
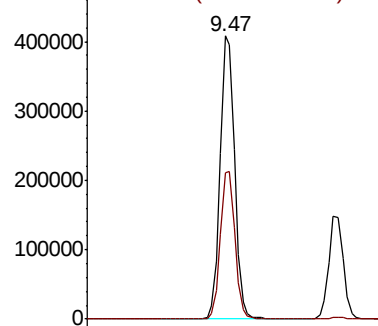
#59
2-Hexanone
Concen: 262.020 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 558891
Ion Ratio Lower Upper
43 100
58 52.6 26.7 80.1

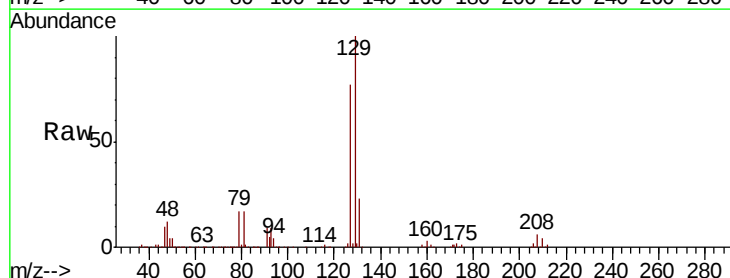


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

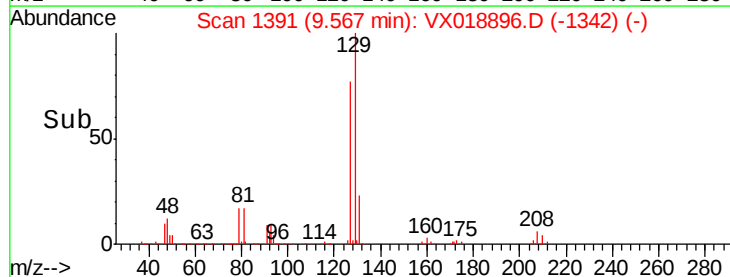
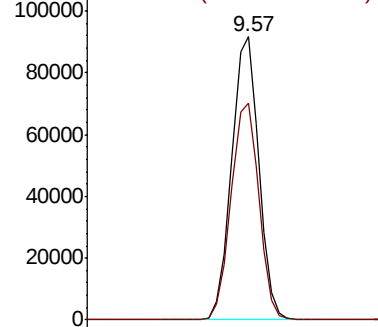


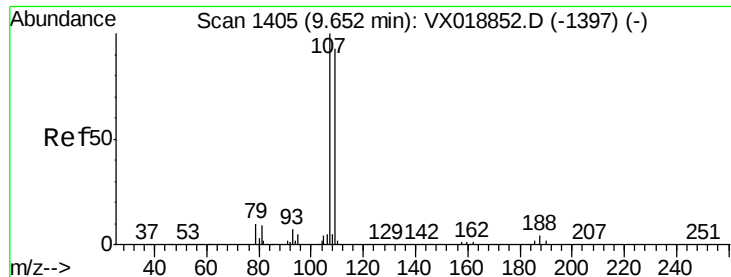
#60
Dibromochloromethane
Concen: 47.880 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Tgt Ion:129 Resp: 133037
Ion Ratio Lower Upper
129 100
127 78.8 39.5 118.5



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V

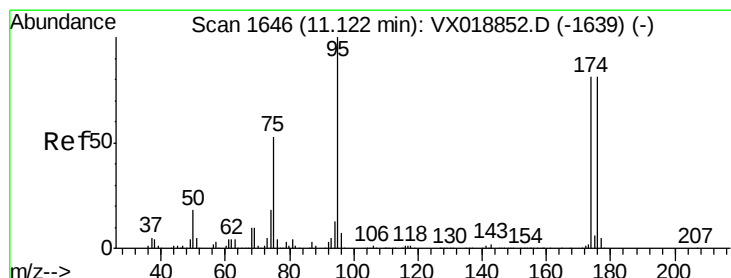
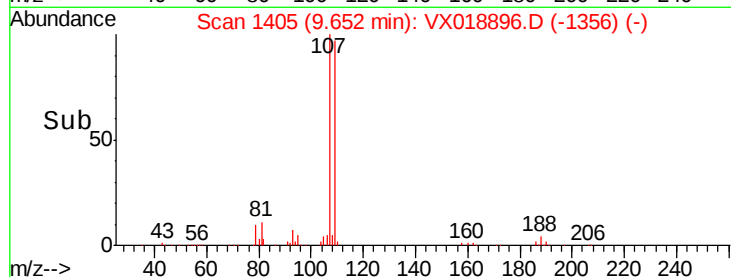
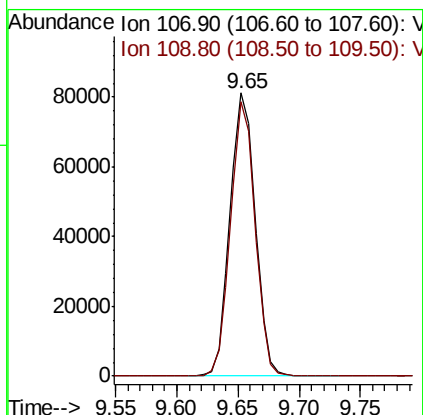
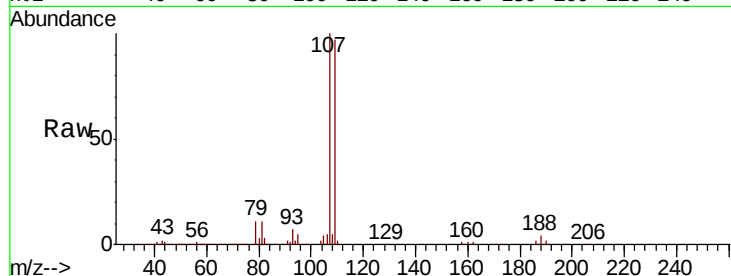




#61
 1,2-Dibromoethane
 Concen: 48.751 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX018896.D
 Acq: 10 Oct 2020 08:08

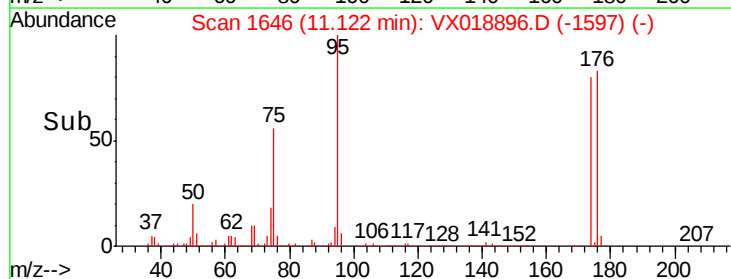
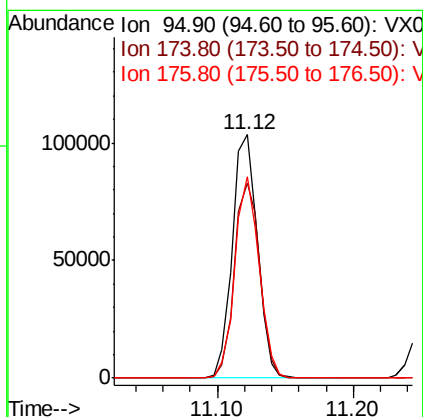
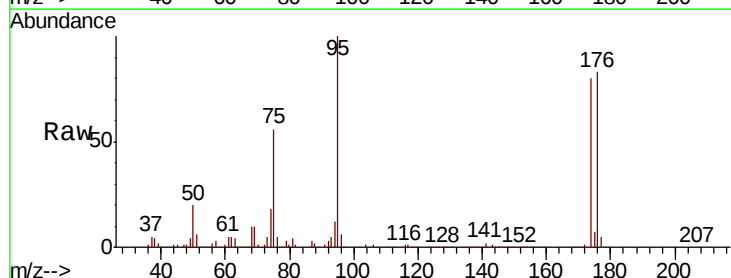
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

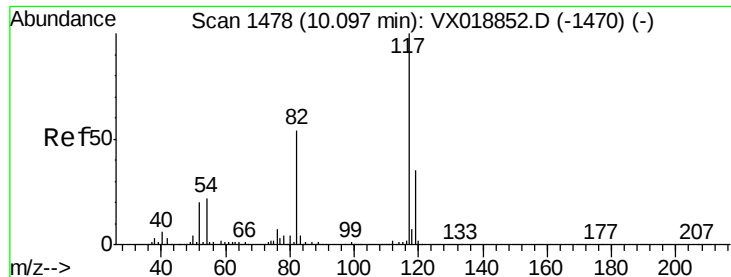
Tot Ion: 107 Resp: 115717
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 47.655 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX018896.D
 Acq: 10 Oct 2020 08:08

Tgt Ion: 95 Resp: 133472
 Ion Ratio Lower Upper
 95 100
 174 80.8 0.0 160.0
 176 79.8 0.0 161.2

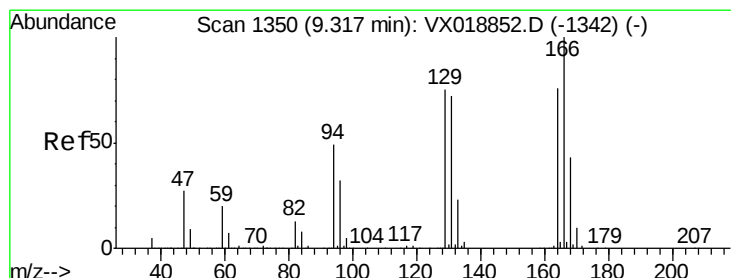
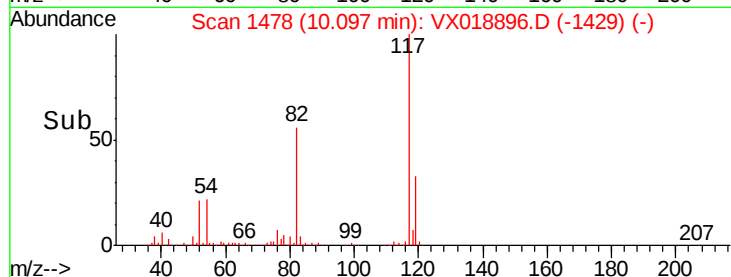
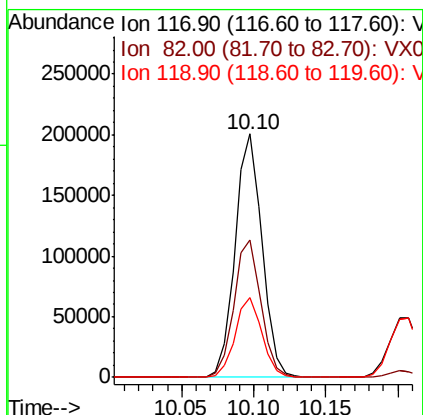
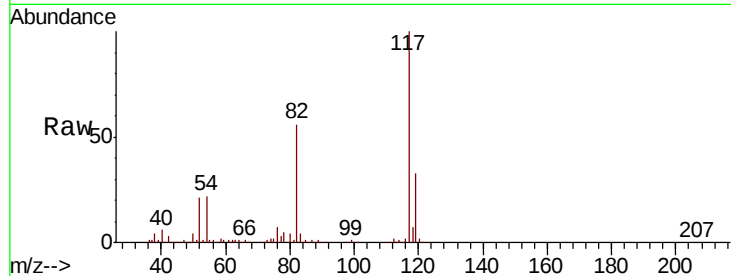




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

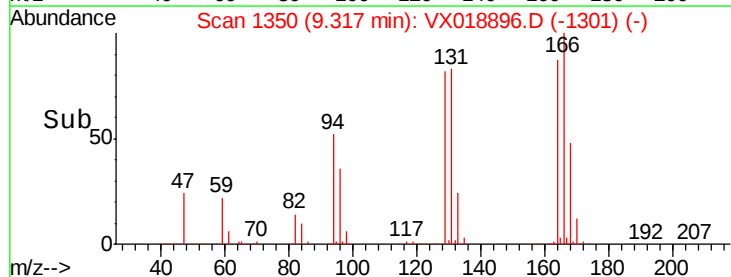
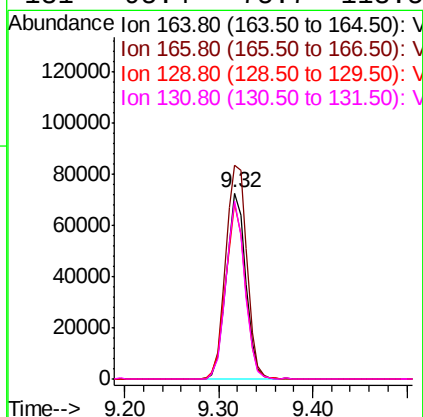
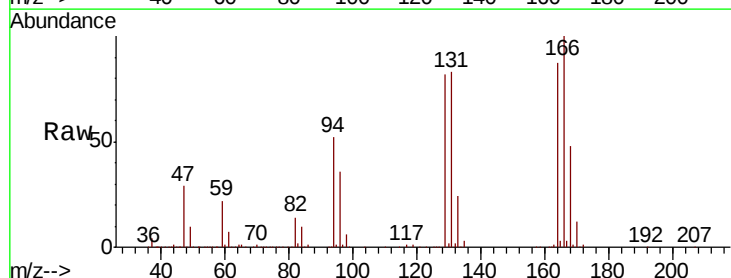
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

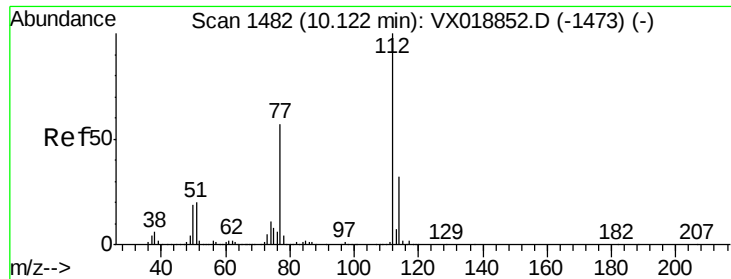
Tot Ion:117 Resp: 262054
Ion Ratio Lower Upper
117 100
82 56.3 43.4 65.2
119 32.7 28.3 42.5



#64
Tetrachloroethene
Concen: 54.621 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Tgt Ion:164 Resp: 104303
Ion Ratio Lower Upper
164 100
166 114.8 105.4 158.0
129 93.9 79.0 118.6
131 95.4 75.7 113.5

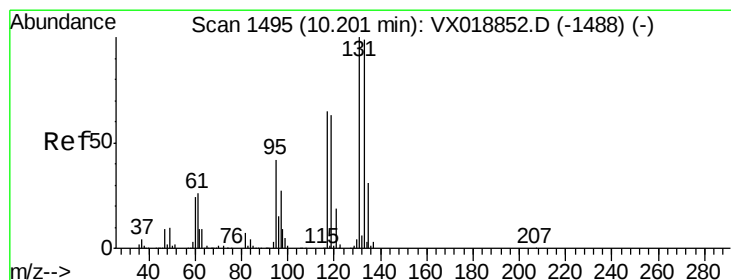
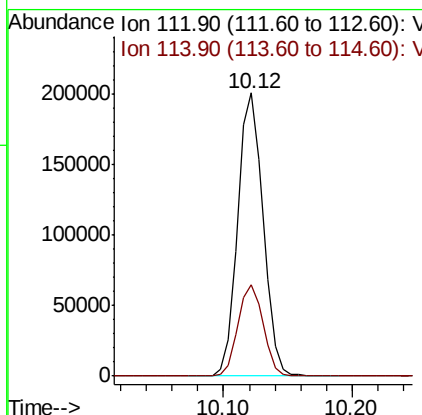
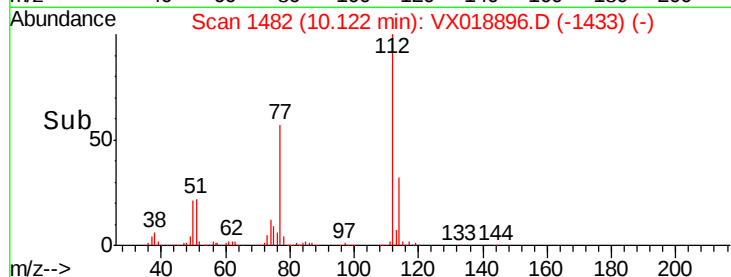
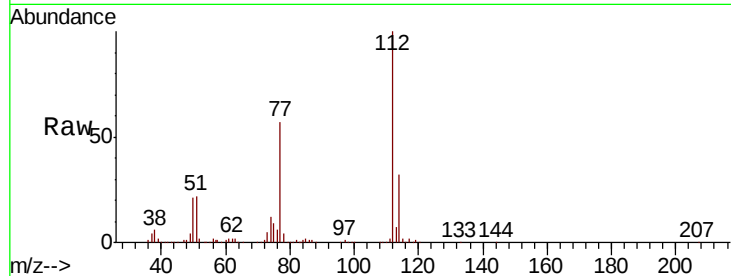




#65
Chlorobenzene
Concen: 48.456 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

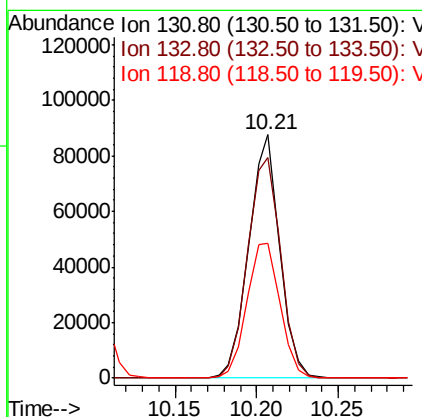
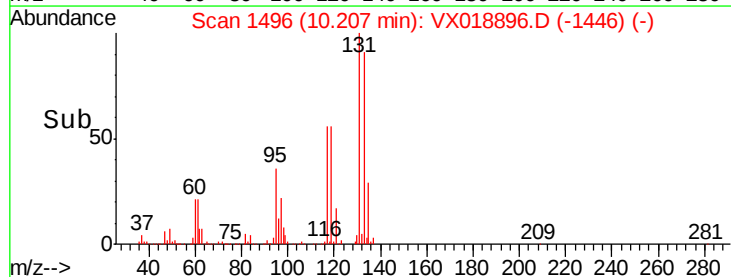
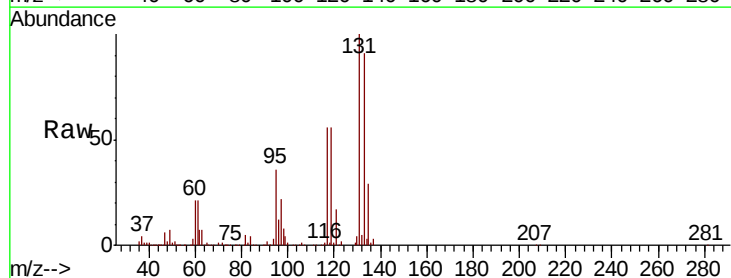
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

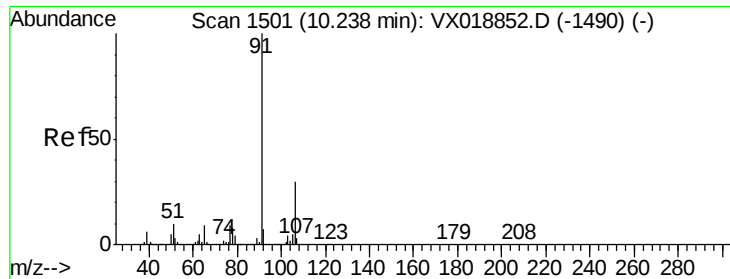
Tot Ion:112 Resp: 274414
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.570 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Tgt Ion:131 Resp: 115810
Ion Ratio Lower Upper
131 100
133 96.9 48.6 145.8
119 59.8 31.1 93.3





#67

Ethyl Benzene

Concen: 50.448 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

ClientSampleId :

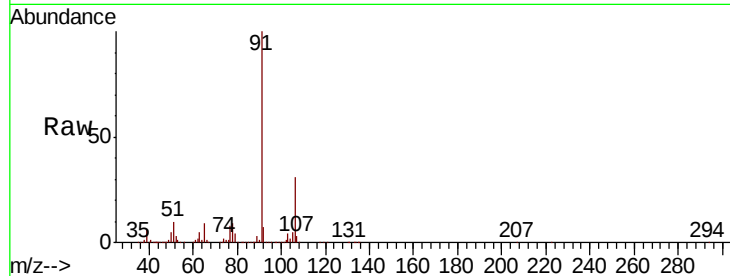
VSTDCCC050EC

Tot Ion: 91 Resp: 481957

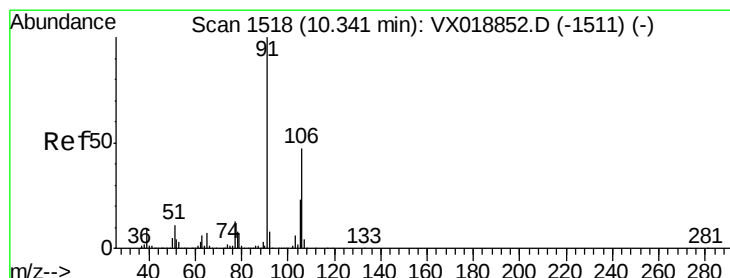
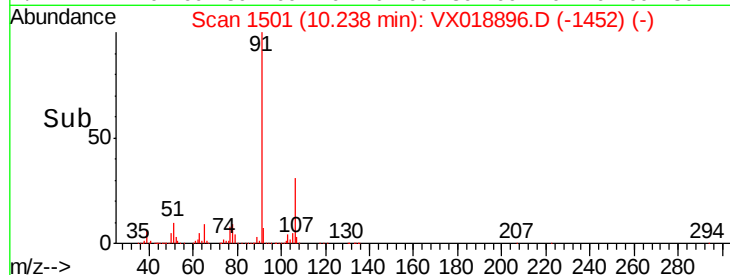
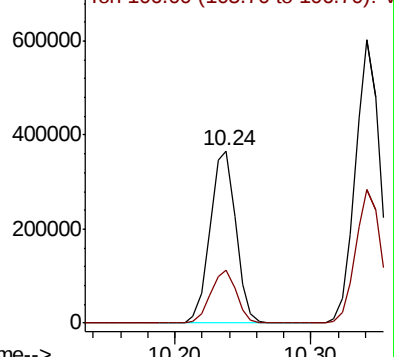
Ion Ratio Lower Upper

91 100

106 30.6 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX018852.D (-1490) (-)



#68

m/p-Xylenes

Concen: 101.636 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018896.D

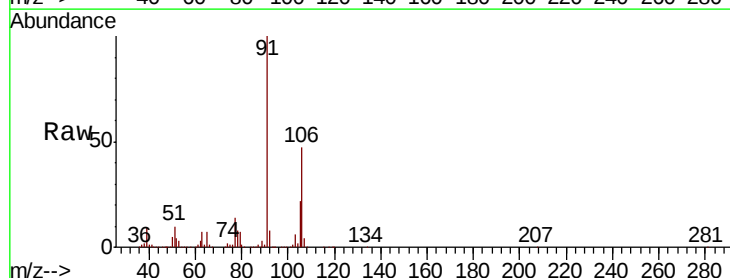
Acq: 10 Oct 2020 08:08

Tgt Ion: 106 Resp: 368903

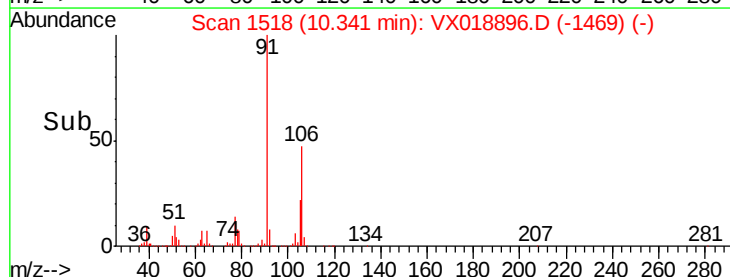
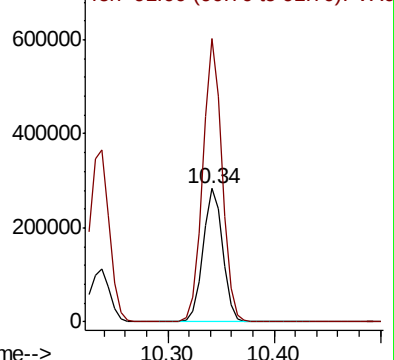
Ion Ratio Lower Upper

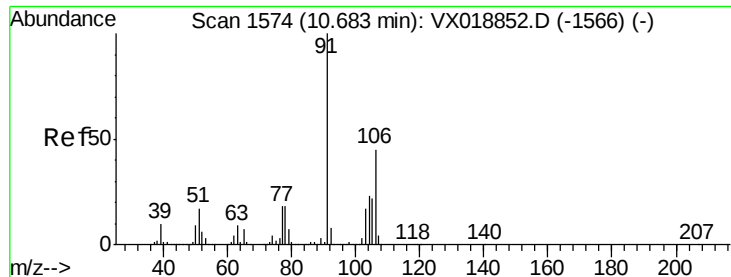
106 100

91 207.7 165.6 248.4



Abundance Ion 106.00 (105.70 to 106.70): VX018852.D (-1511) (-)

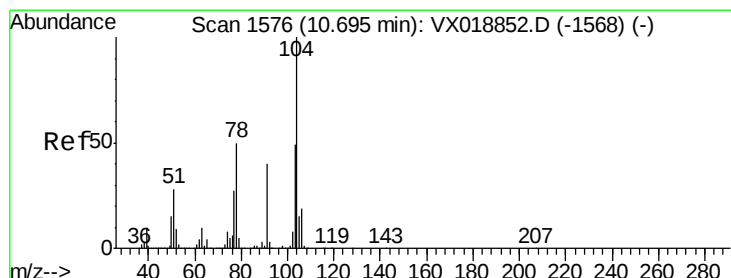
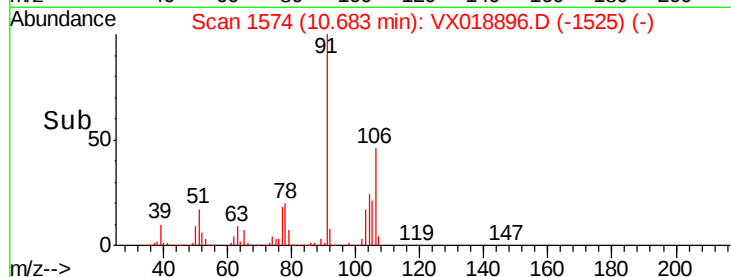
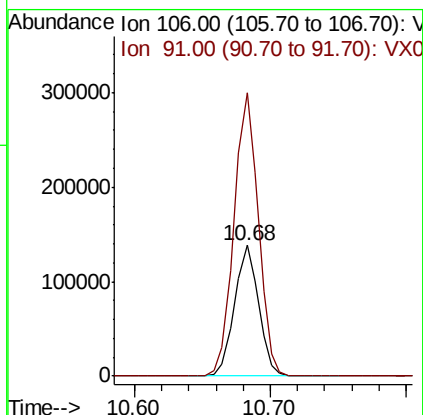
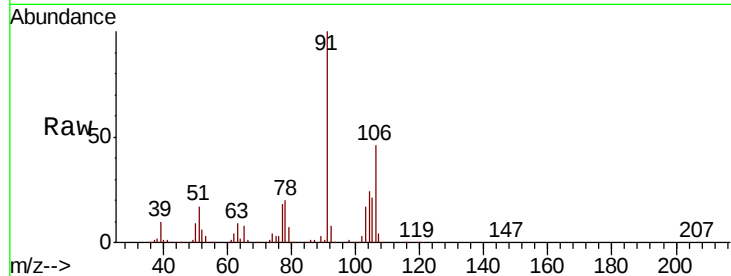




#69
o-Xylene
Concen: 49.942 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

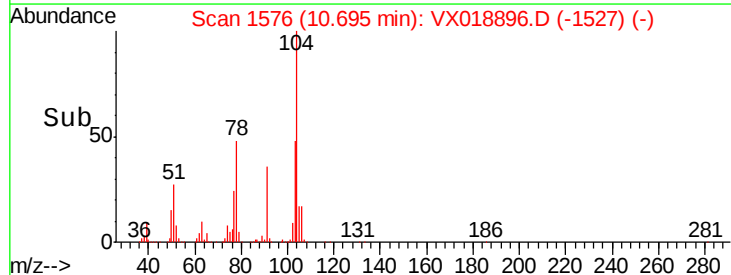
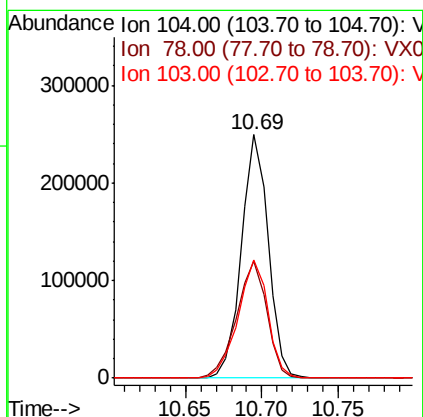
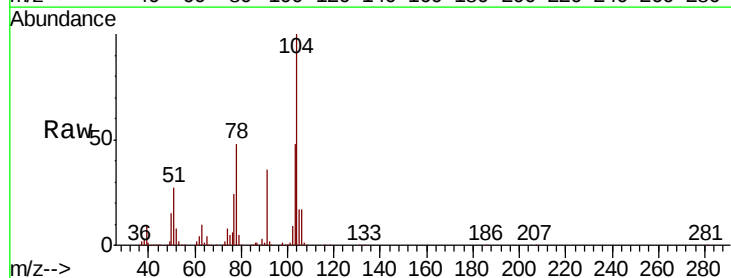
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

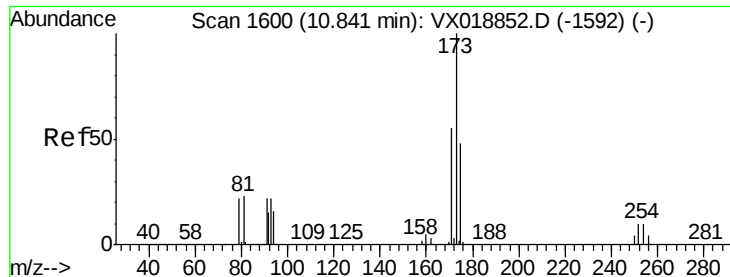
Tot Ion:106 Resp: 170787
Ion Ratio Lower Upper
106 100
91 218.9 109.9 329.6



#70
Styrene
Concen: 52.581 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018896.D
Acq: 10 Oct 2020 08:08

Tgt Ion:104 Resp: 304411
Ion Ratio Lower Upper
104 100
78 54.3 43.5 65.3
103 53.9 43.3 64.9





#71

Bromoform

Concen: 51.623 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

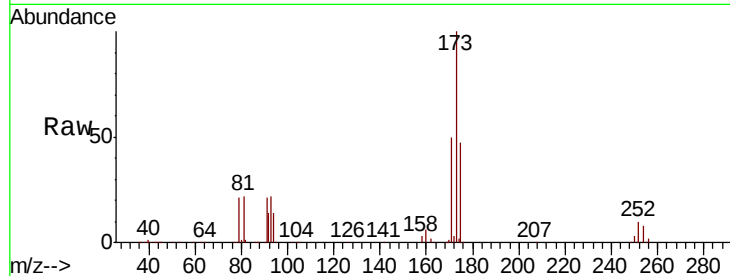
Tot Ion:173 Resp: 104318

Ion Ratio Lower Upper

173 100

175 47.7 23.4 70.0

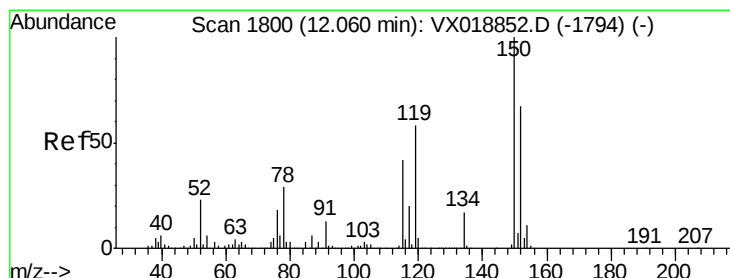
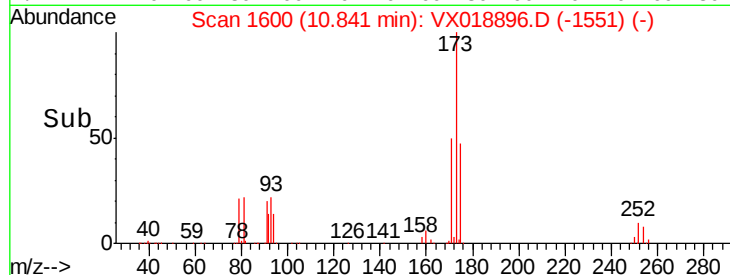
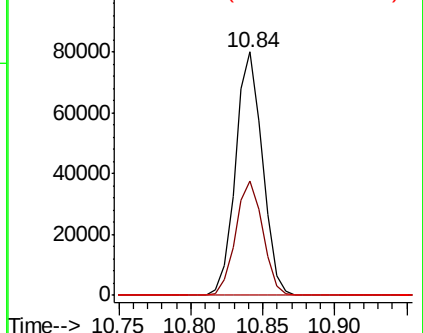
254 0.1 0.0 0.0#



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: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

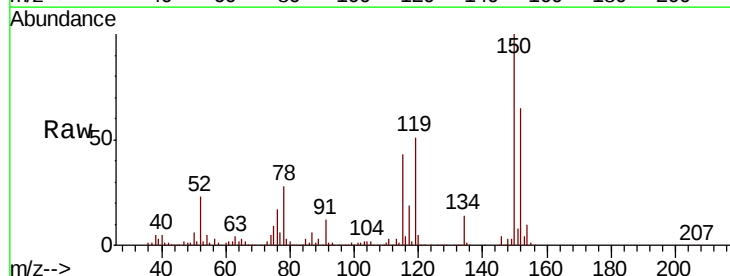
Tgt Ion:152 Resp: 154037

Ion Ratio Lower Upper

152 100

115 83.3 41.8 125.4

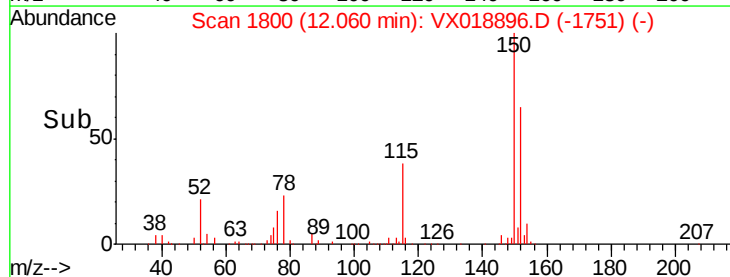
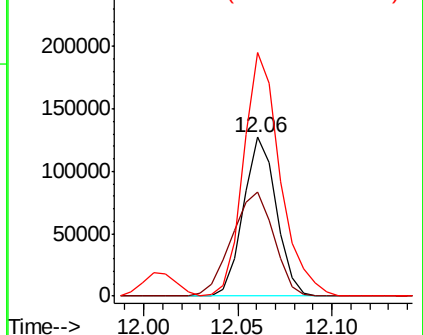
150 170.4 0.0 347.6

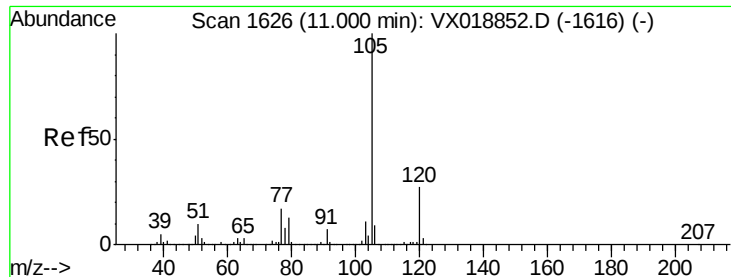


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.009 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

ClientSampleId :

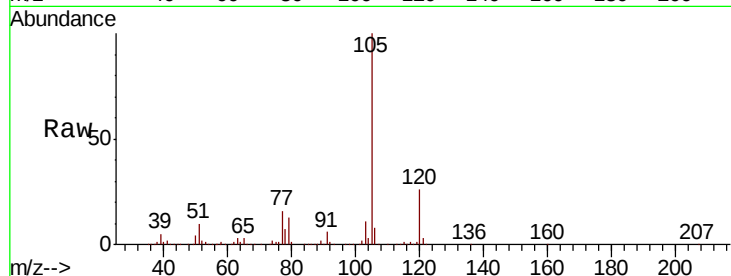
VSTDCCC050EC

Tot Ion:105 Resp: 493838

Ion Ratio Lower Upper

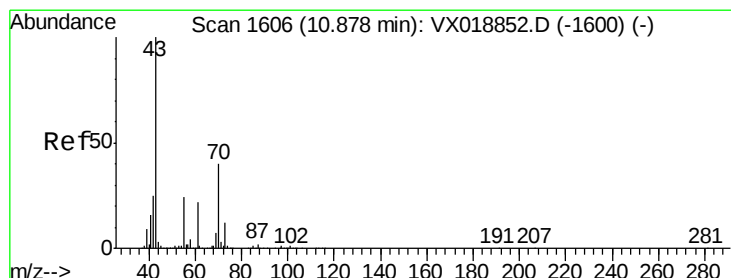
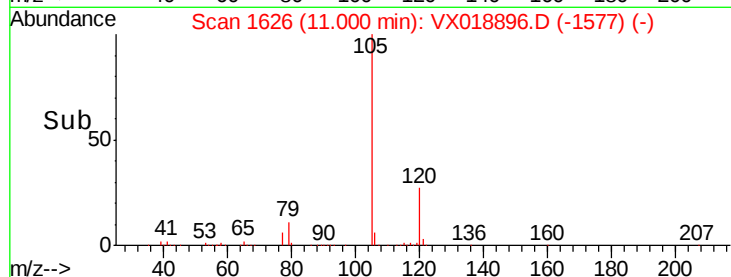
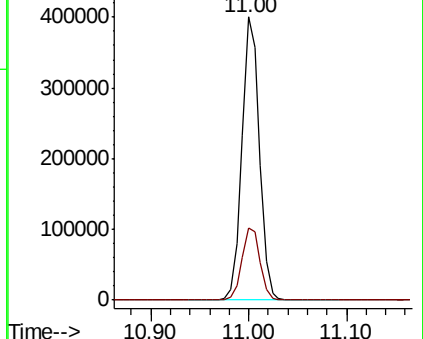
105 100

120 26.5 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.991 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Tgt Ion: 43 Resp: 187338

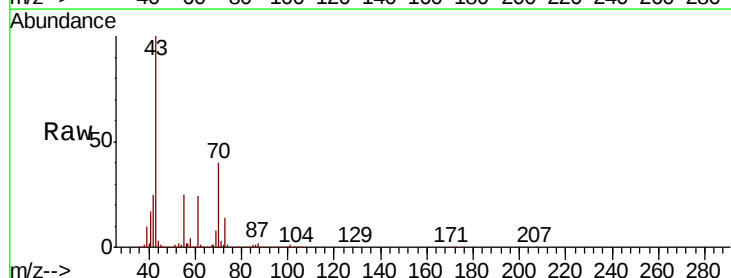
Ion Ratio Lower Upper

43 100

70 42.8 33.7 50.5

55 25.5 19.8 29.8

61 23.8 18.6 28.0

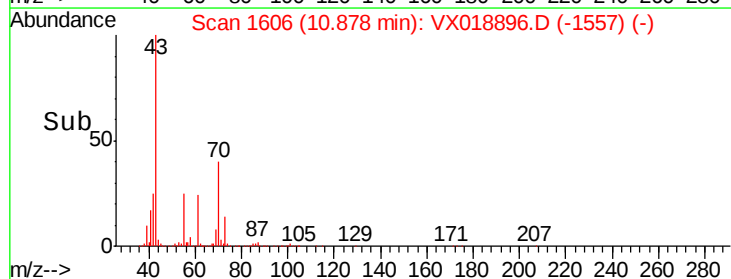
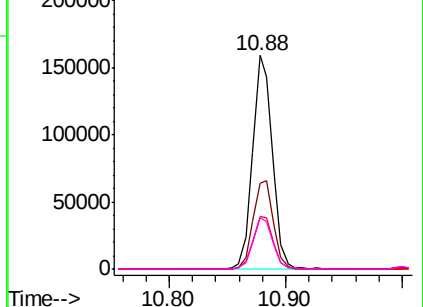


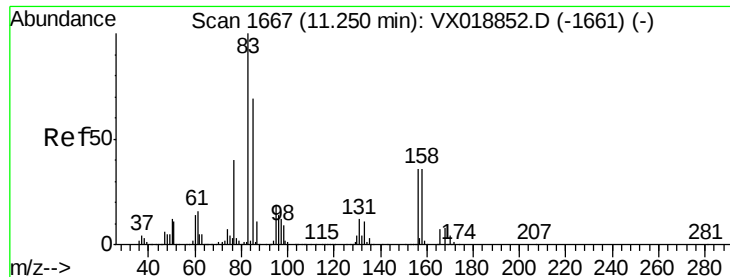
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.504 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

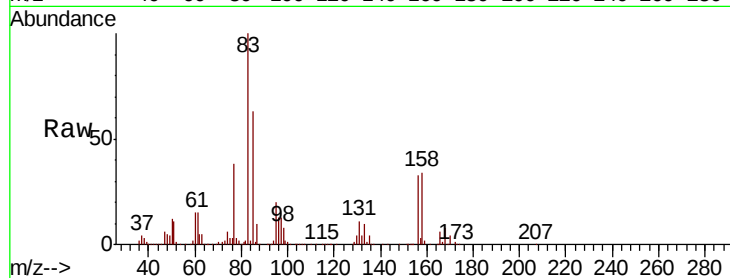
Tot Ion: 83 Resp: 152824

Ion Ratio Lower Upper

83 100

131 11.6 5.9 17.8

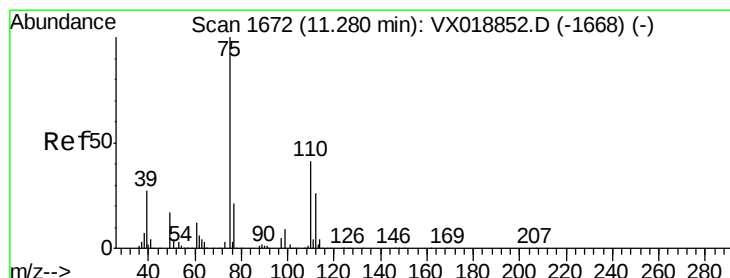
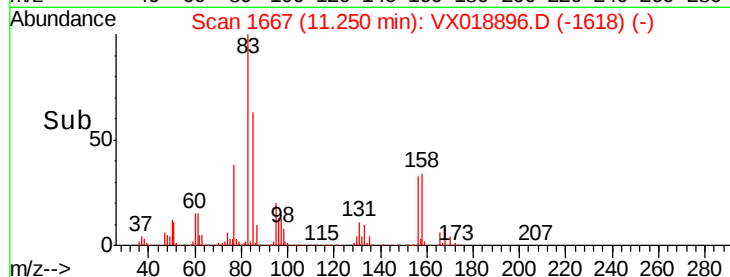
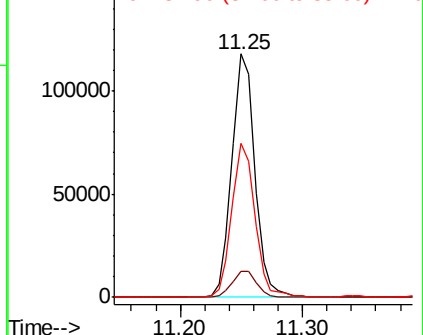
85 64.2 33.0 98.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 54.972 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018896.D

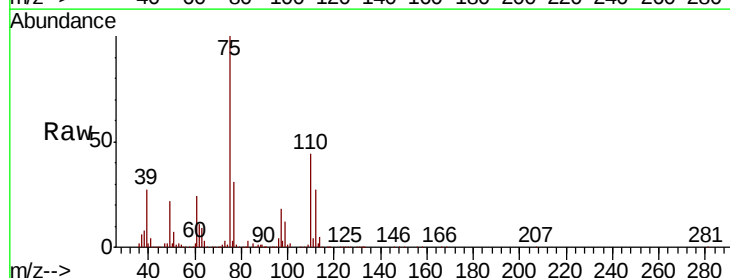
Acq: 10 Oct 2020 08:08

Tgt Ion: 75 Resp: 182451

Ion Ratio Lower Upper

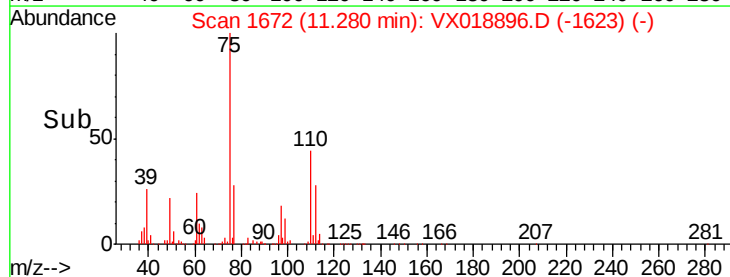
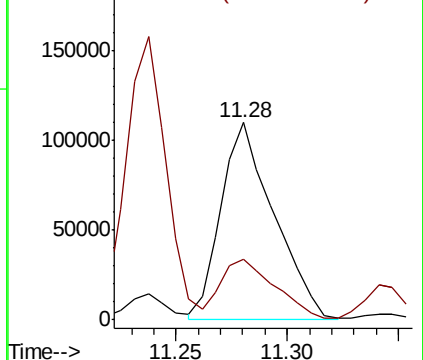
75 100

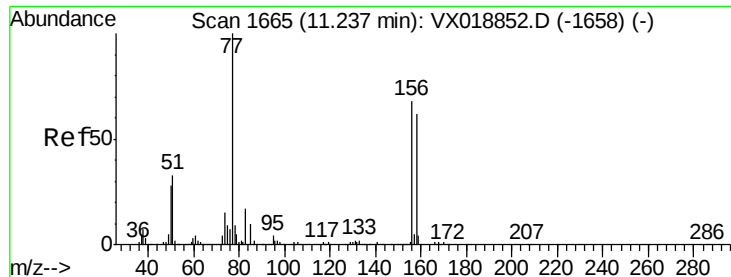
77 31.4 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.632 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

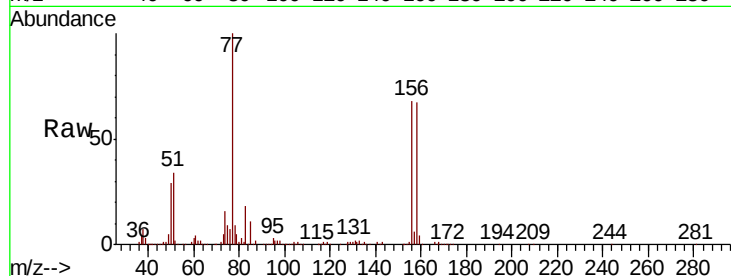
Tot Ion:156 Resp: 129075

Ion Ratio Lower Upper

156 100

77 153.2 76.0 228.1

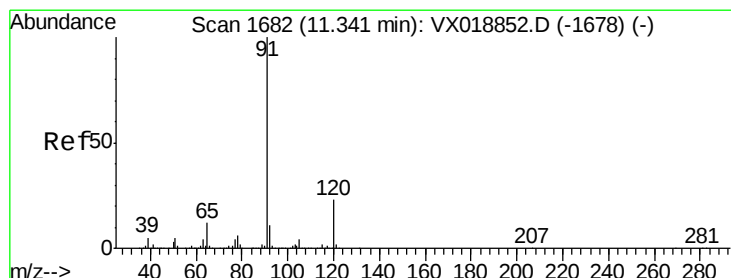
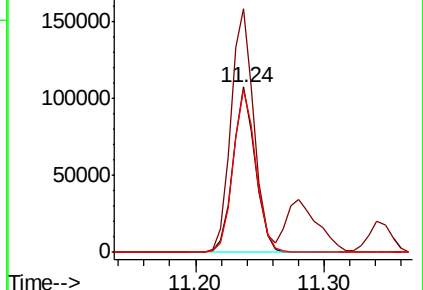
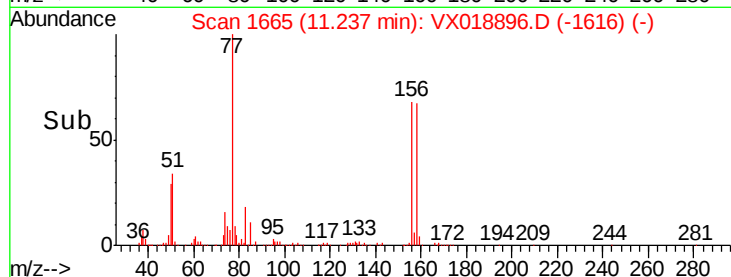
158 100.4 47.2 141.6



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: 47.070 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018896.D

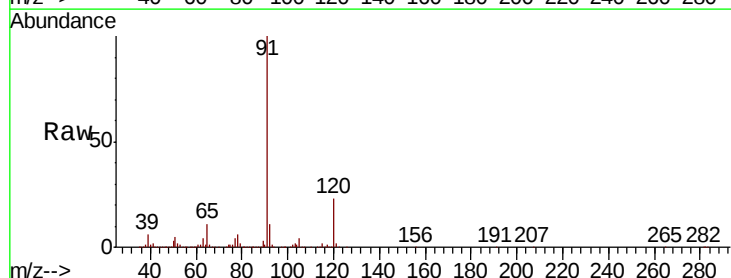
Acq: 10 Oct 2020 08:08

Tgt Ion: 91 Resp: 540453

Ion Ratio Lower Upper

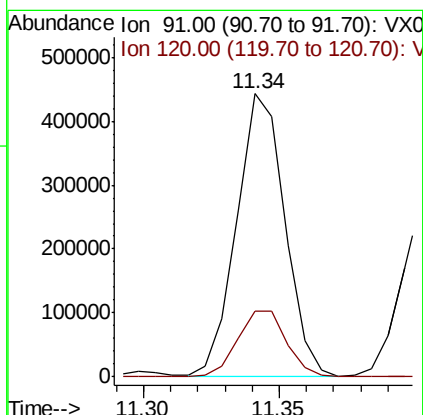
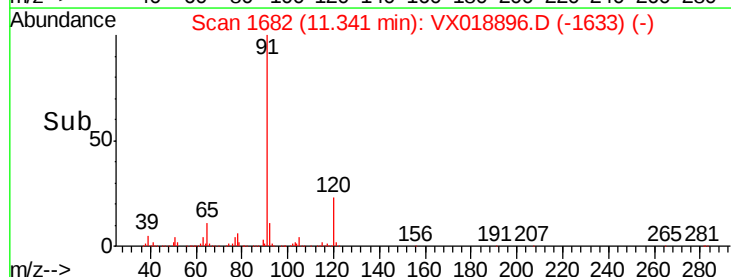
91 100

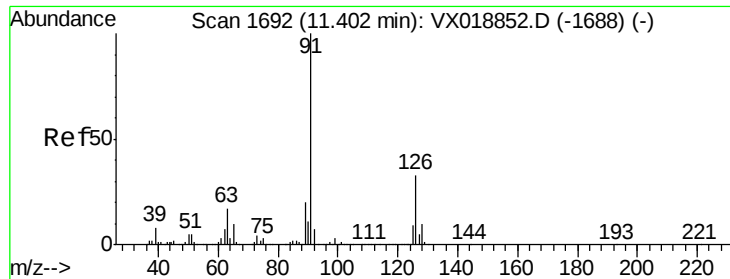
120 24.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

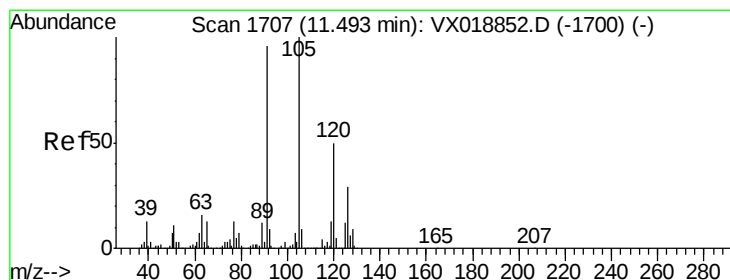
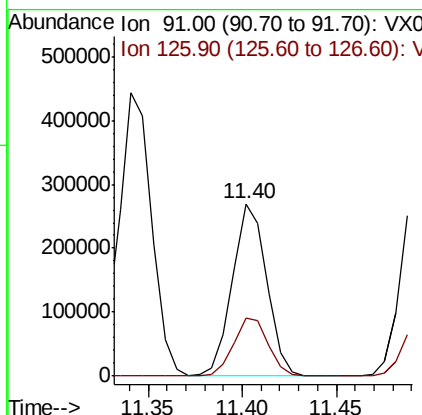
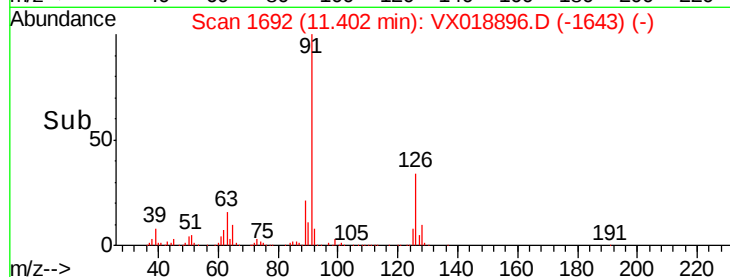
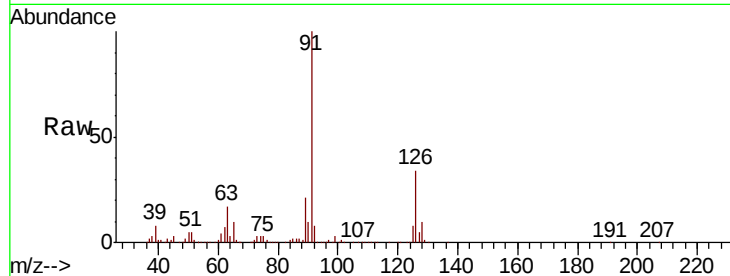




#79
 2-Chlorotoluene
 Concen: 47.228 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX018896.D
 Acq: 10 Oct 2020 08:08

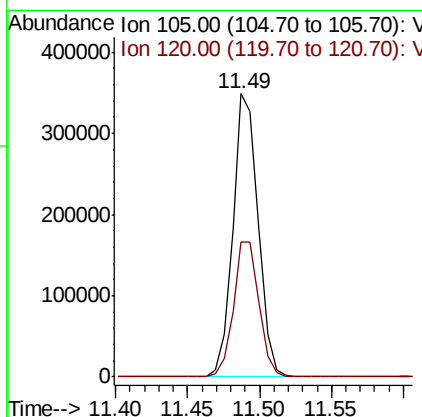
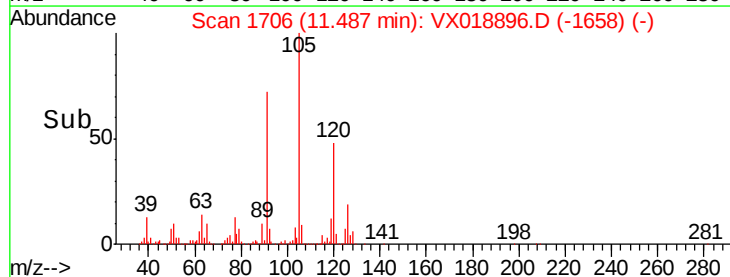
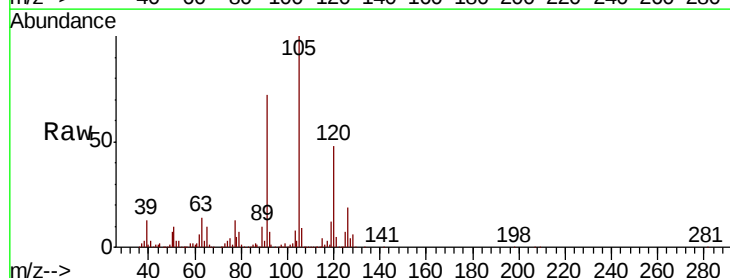
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

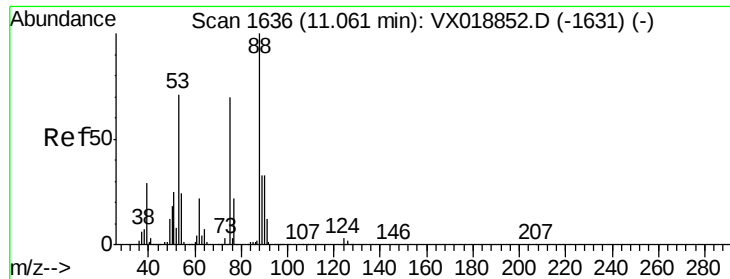
Tot Ion: 91 Resp: 338022
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.1 51.3



#80
 1,3,5-Trimethylbenzene
 Concen: 49.527 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX018896.D
 Acq: 10 Oct 2020 08:08

Tgt Ion: 105 Resp: 426878
 Ion Ratio Lower Upper
 105 100
 120 48.5 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 39.343 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

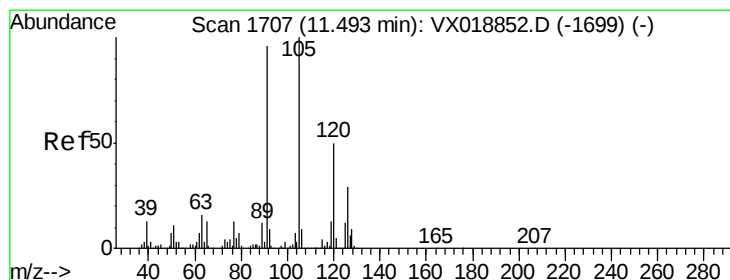
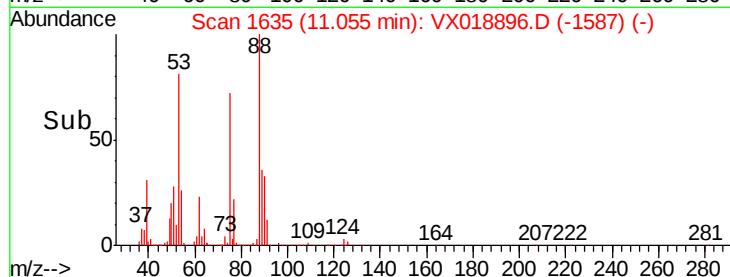
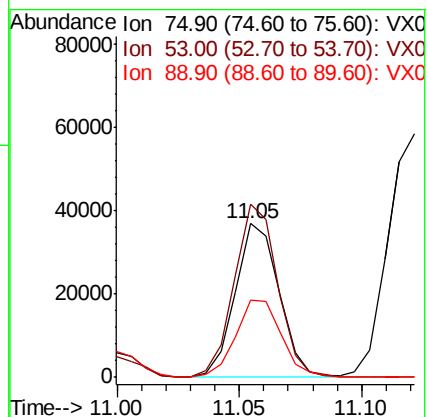
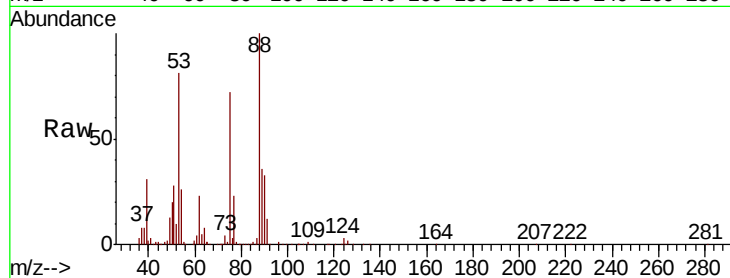
Tot Ion: 75 Resp: 46077

Ion Ratio Lower Upper

75 100

53 111.5 85.0 127.4

89 52.1 39.0 58.4



#82

4-Chlorotoluene

Concen: 48.161 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018896.D

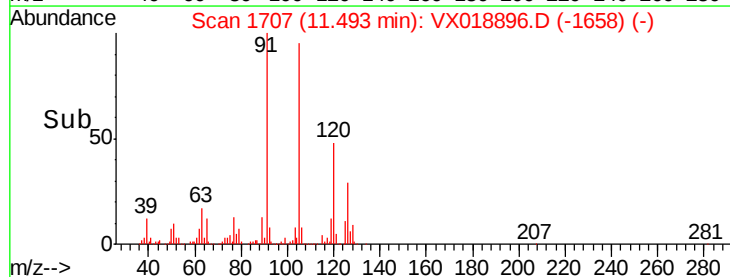
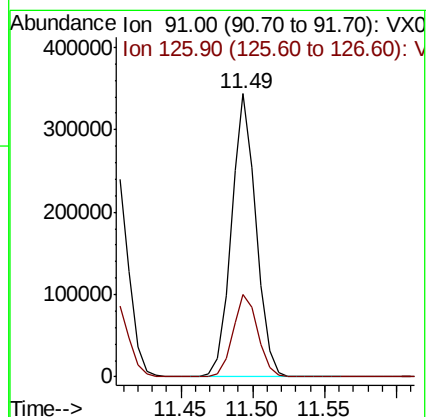
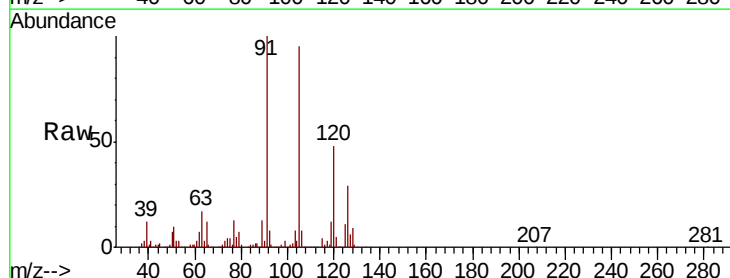
Acq: 10 Oct 2020 08:08

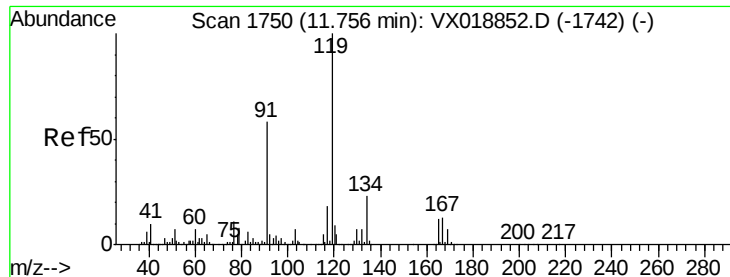
Tgt Ion: 91 Resp: 409865

Ion Ratio Lower Upper

91 100

126 29.5 14.9 44.7

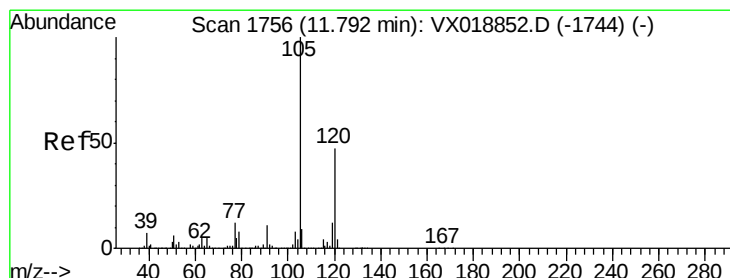
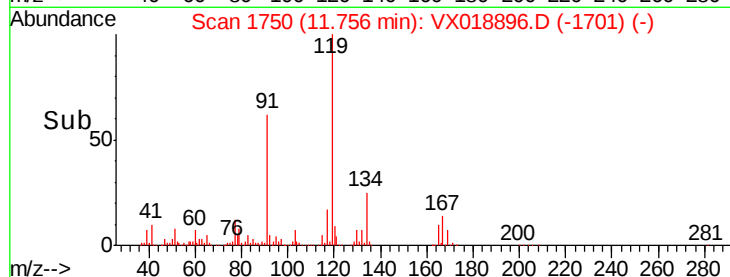
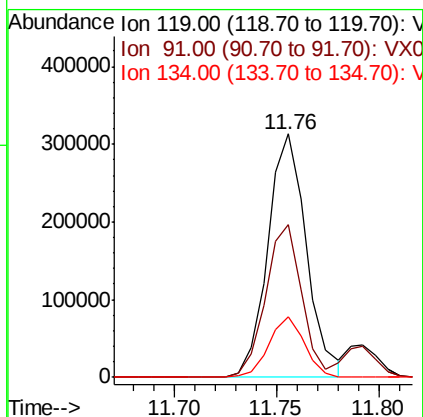
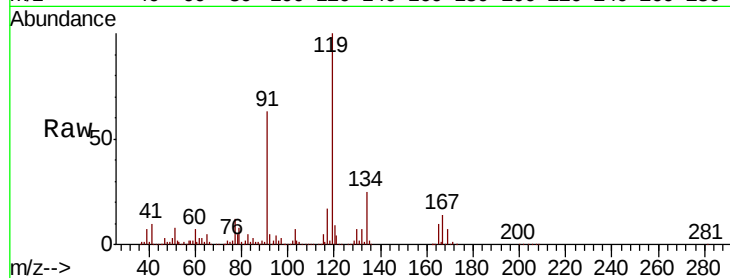




#83
 tert-Butylbenzene
 Concen: 47.868 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX018896.D
 Acq: 10 Oct 2020 08:08

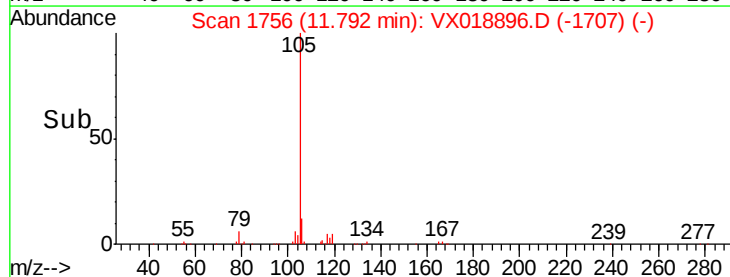
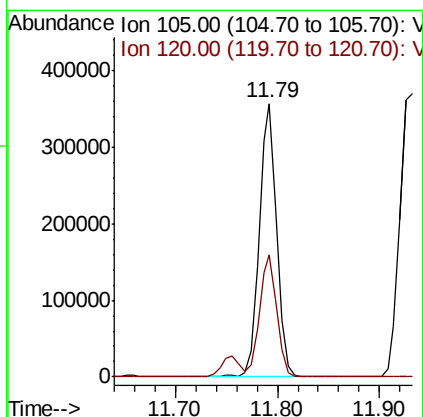
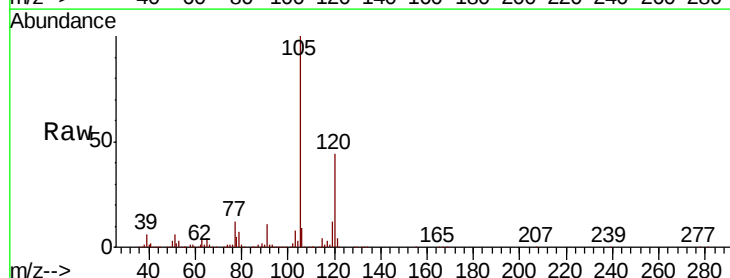
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

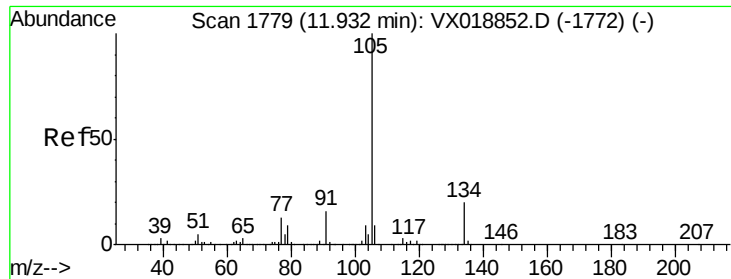
Tot Ion:119 Resp: 413181
 Ion Ratio Lower Upper
 119 100
 91 58.4 28.6 85.9
 134 23.0 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 49.060 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018896.D
 Acq: 10 Oct 2020 08:08

Tgt Ion:105 Resp: 429857
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.6 67.8

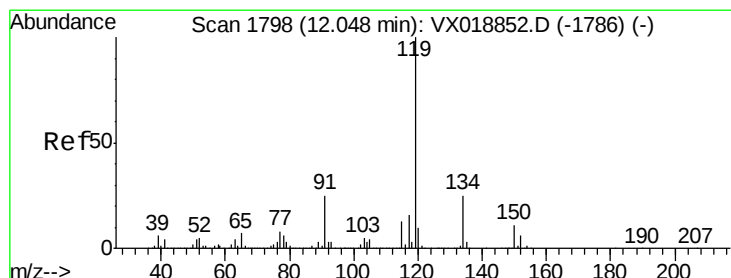
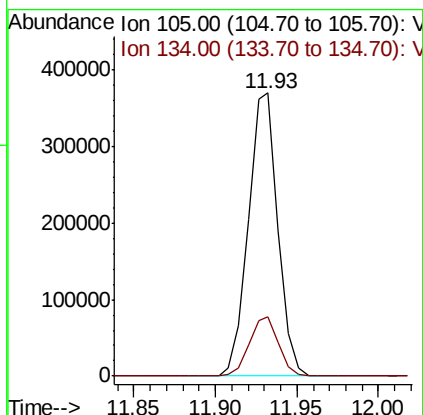
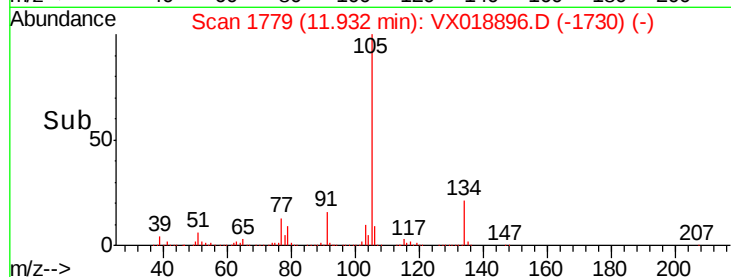
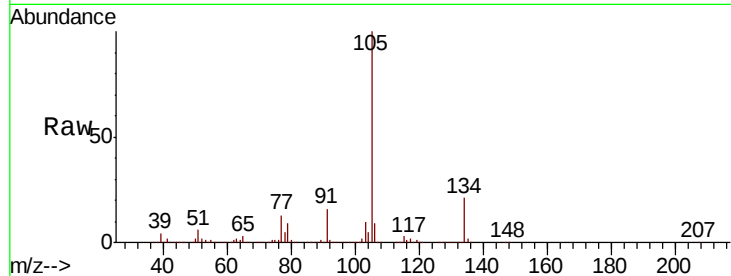




#85
 sec-Butylbenzene
 Concen: 47.860 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX018896.D
 Acq: 10 Oct 2020 08:08

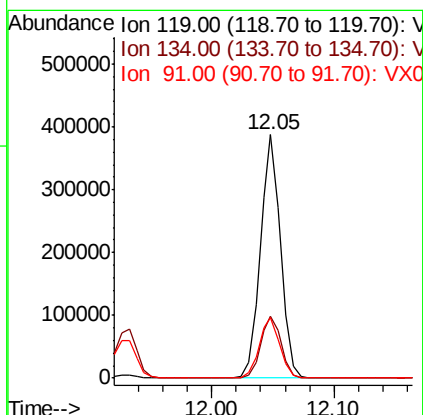
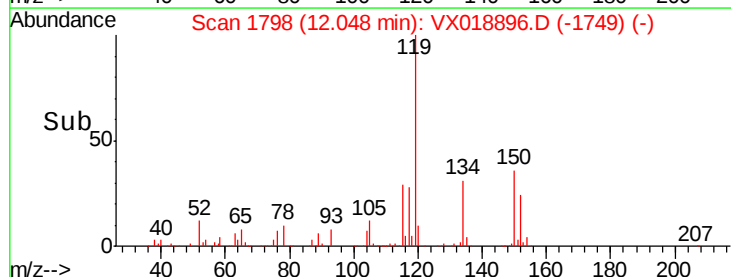
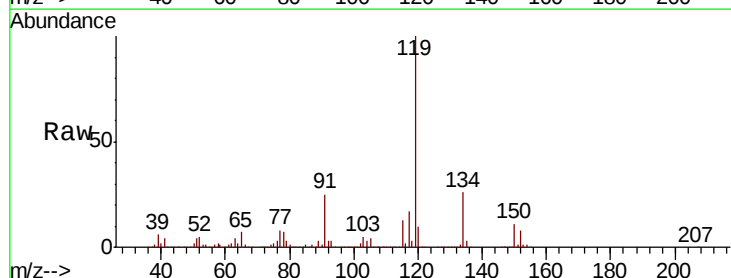
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

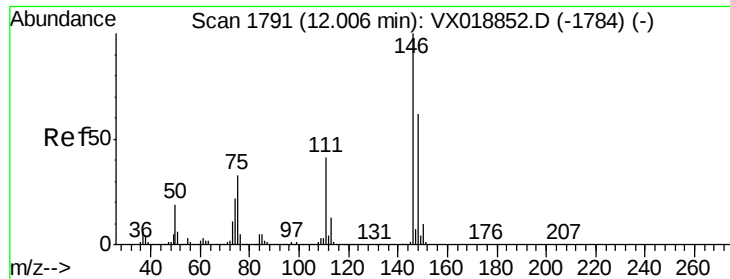
Tot Ion:105 Resp: 465388
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 48.335 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018896.D
 Acq: 10 Oct 2020 08:08

Tgt Ion:119 Resp: 445900
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.8 38.4
 91 25.1 12.3 36.9

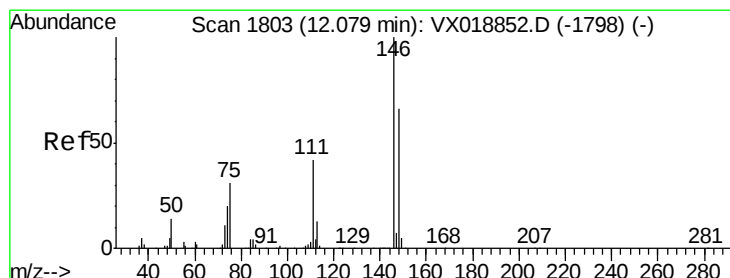
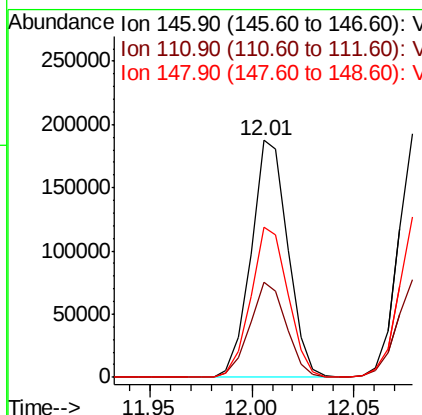
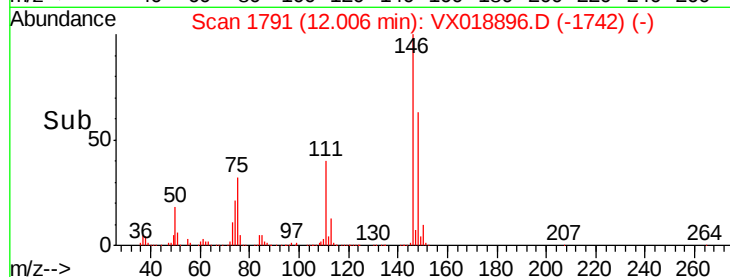
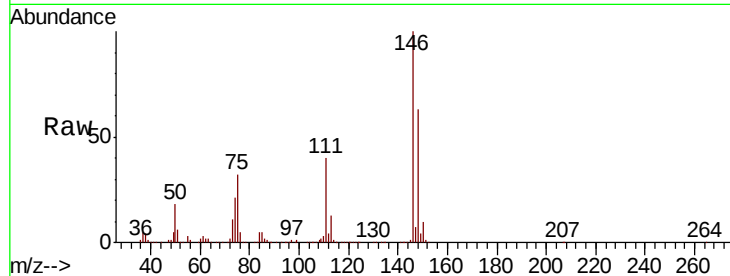




#87
 1,3-Dichlorobenzene
 Concen: 46.358 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX018896.D
 Acq: 10 Oct 2020 08:08

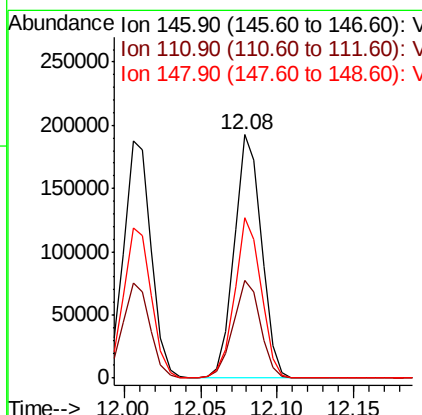
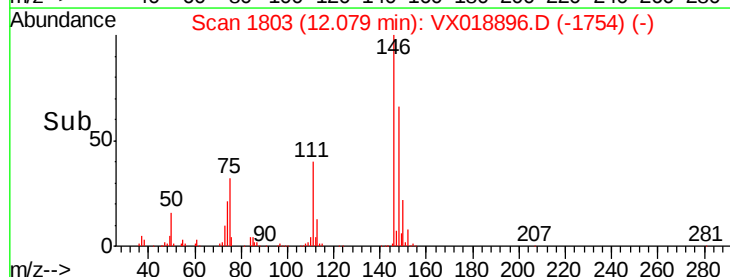
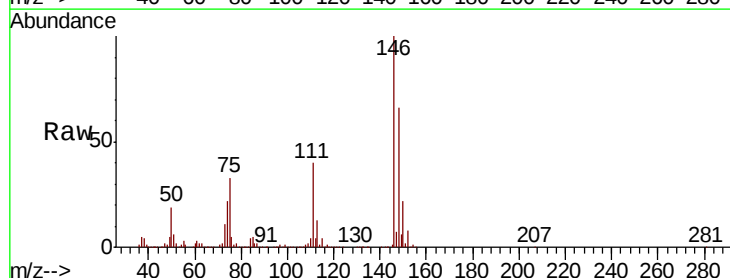
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

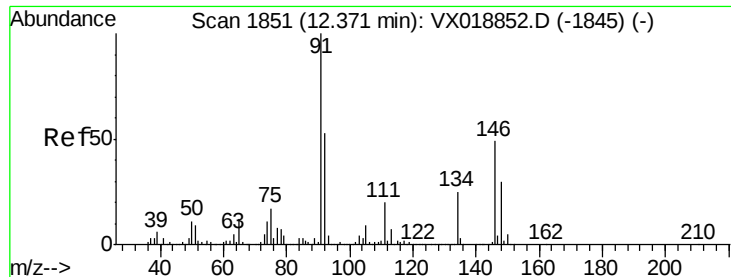
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	59.9
148	63.9	31.4	94.3



#88
 1,4-Dichlorobenzene
 Concen: 45.920 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018896.D
 Acq: 10 Oct 2020 08:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.5	61.5
148	64.3	32.2	96.6





#89

n-Butylbenzene

Concen: 46.983 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

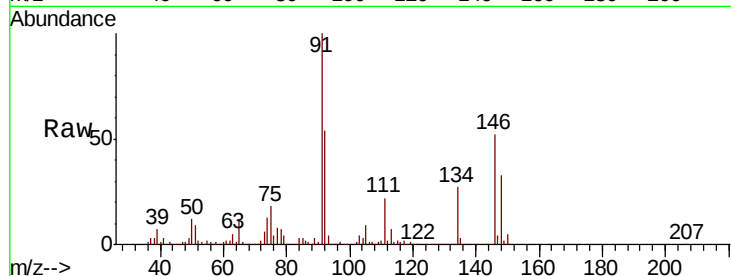
Tot Ion: 91 Resp: 376591

Ion Ratio Lower Upper

91 100

92 53.4 26.7 80.0

134 27.0 13.5 40.4

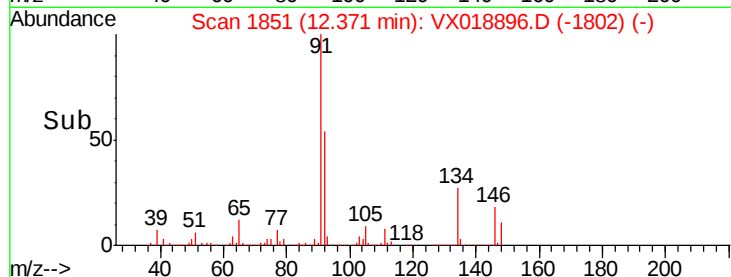


Abundance Ion 91.00 (90.70 to 91.70): VX018852.D (-1845) (-)

Ion 92.00 (91.70 to 92.70): VX018852.D (-1845) (-)

Ion 134.00 (133.70 to 134.70): VX018852.D (-1845) (-)

Time-->

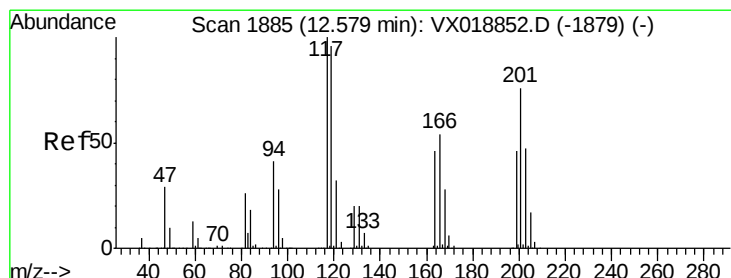


Abundance Ion 91.00 (90.70 to 91.70): VX018896.D (-1802) (-)

Ion 92.00 (91.70 to 92.70): VX018896.D (-1802) (-)

Ion 134.00 (133.70 to 134.70): VX018896.D (-1802) (-)

Time-->



#90

Hexachloroethane

Concen: 47.042 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX018896.D

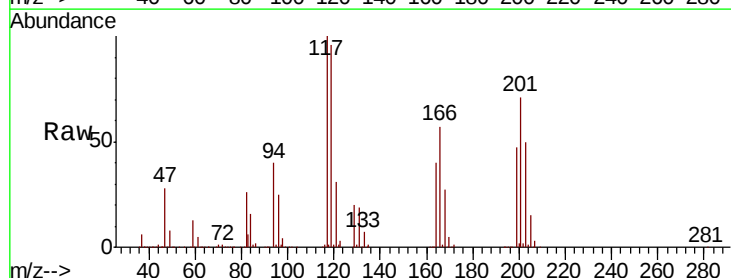
Acq: 10 Oct 2020 08:08

Tgt Ion: 117 Resp: 80680

Ion Ratio Lower Upper

117 100

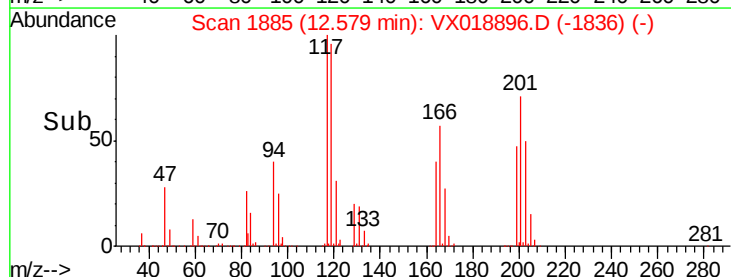
201 76.7 37.4 112.2



Abundance Ion 116.80 (116.50 to 117.50): VX018852.D (-1879) (-)

Ion 200.70 (200.40 to 201.40): VX018852.D (-1879) (-)

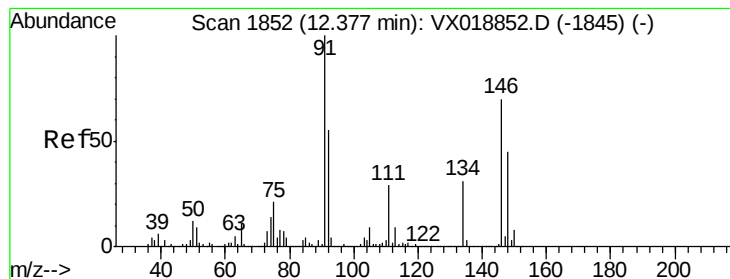
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VX018896.D (-1836) (-)

Ion 200.70 (200.40 to 201.40): VX018896.D (-1836) (-)

Time-->



#91

1,2-Dichlorobenzene

Concen: 48.720 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

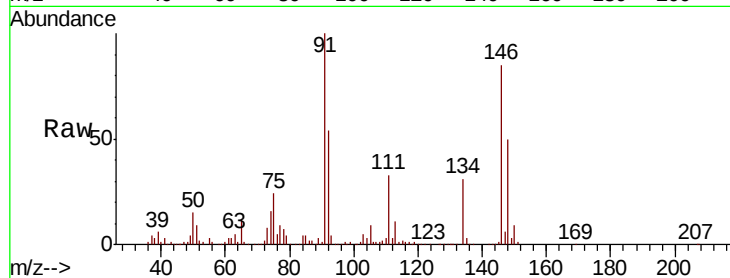
Tot Ion:146 Resp: 235750

Ion Ratio Lower Upper

146 100

111 41.3 20.6 61.9

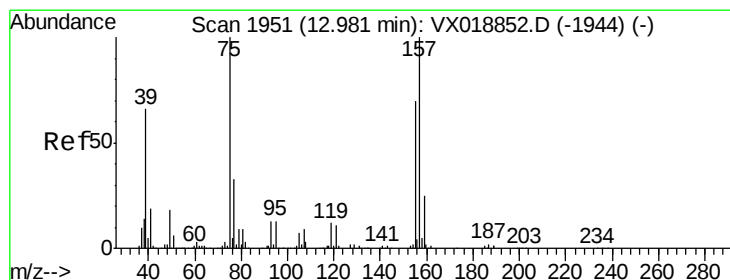
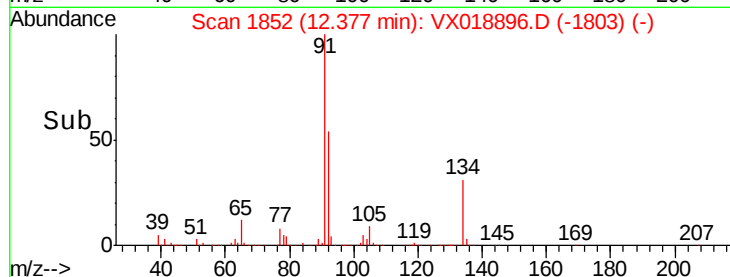
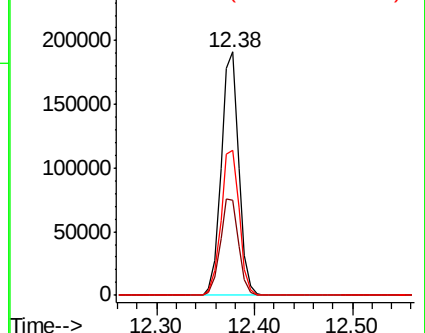
148 62.4 31.1 93.2



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: 48.685 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

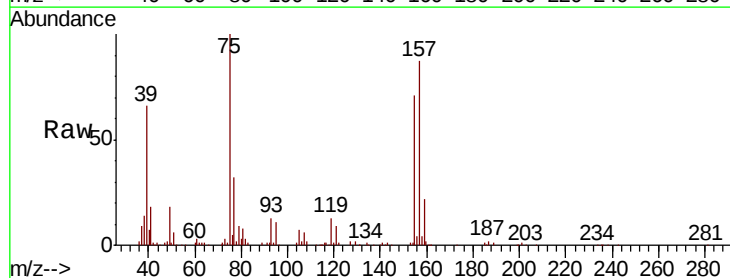
Tgt Ion: 75 Resp: 41817

Ion Ratio Lower Upper

75 100

155 77.3 38.0 113.9

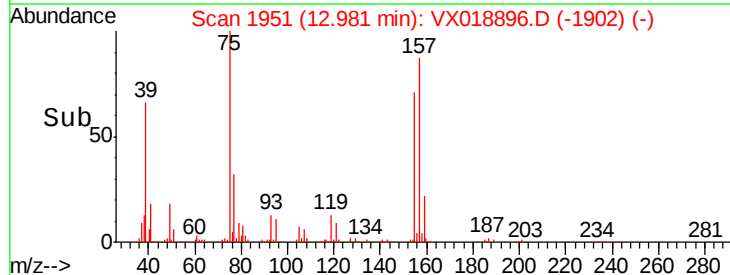
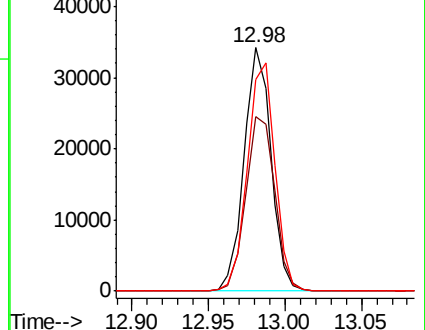
157 95.6 50.9 152.7

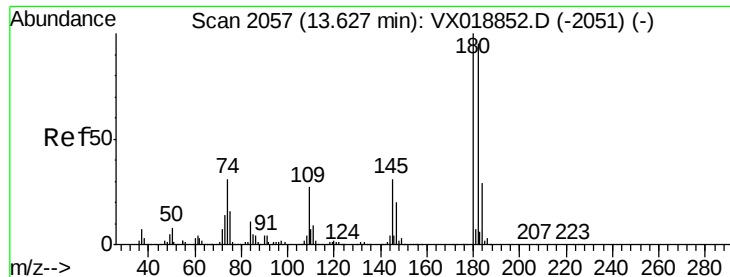


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

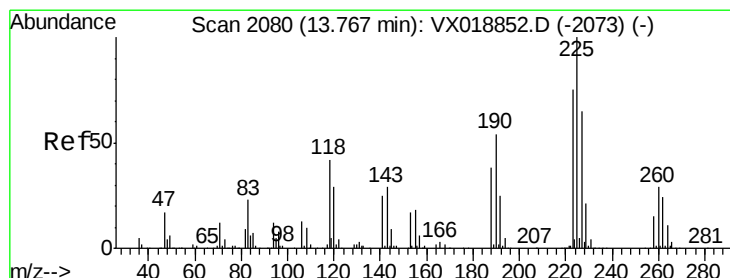
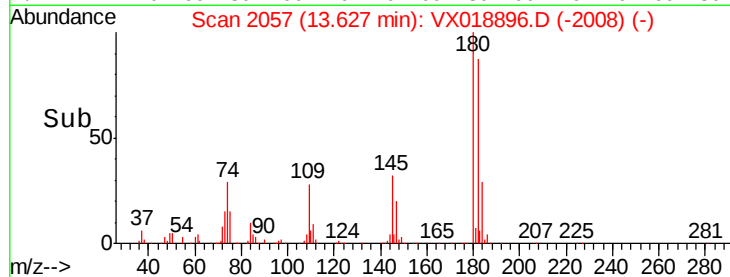
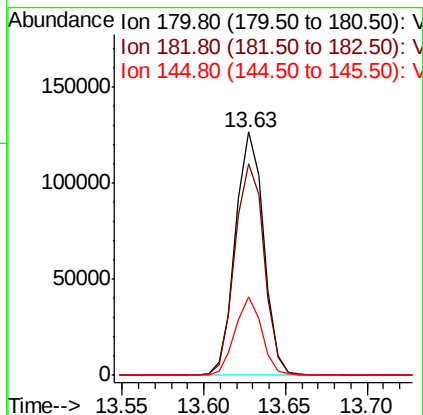
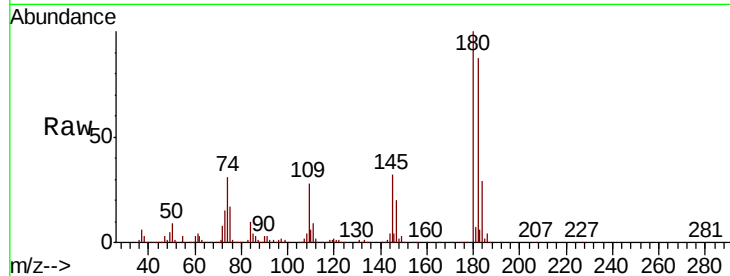




#93
 1,2,4-Trichlorobenzene
 Concen: 49.210 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018896.D
 Acq: 10 Oct 2020 08:08

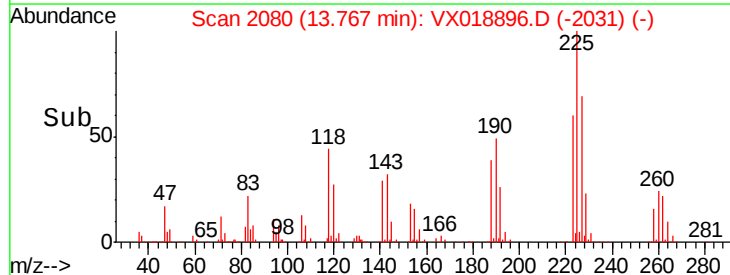
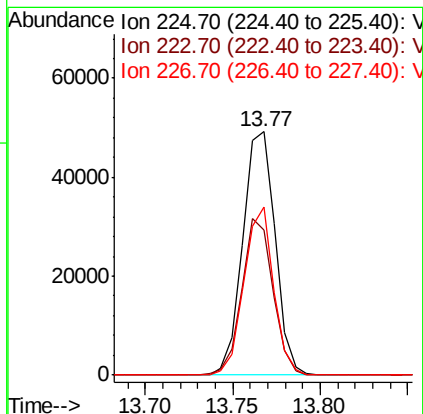
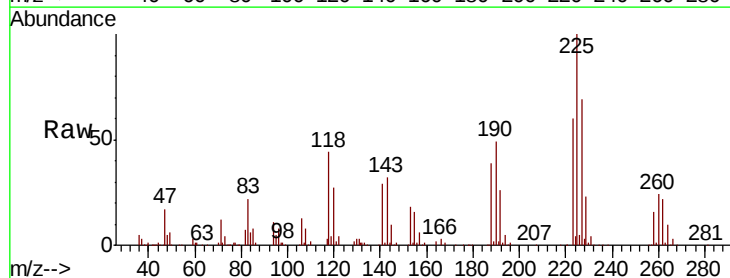
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

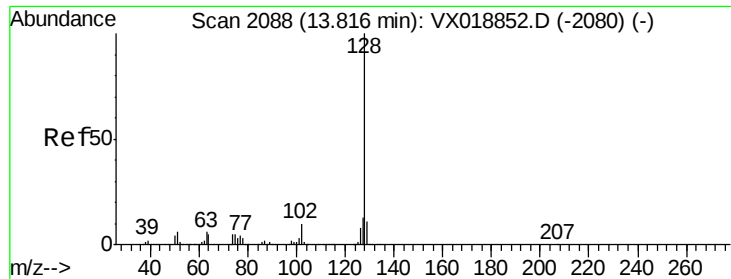
Tot Ion:180 Resp: 152764
 Ion Ratio Lower Upper
 180 100
 182 90.5 49.1 147.3
 145 30.7 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 46.063 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX018896.D
 Acq: 10 Oct 2020 08:08

Tgt Ion:225 Resp: 63513
 Ion Ratio Lower Upper
 225 100
 223 61.5 32.1 96.3
 227 62.9 33.0 98.9





#95

Naphthalene

Concen: 45.647 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

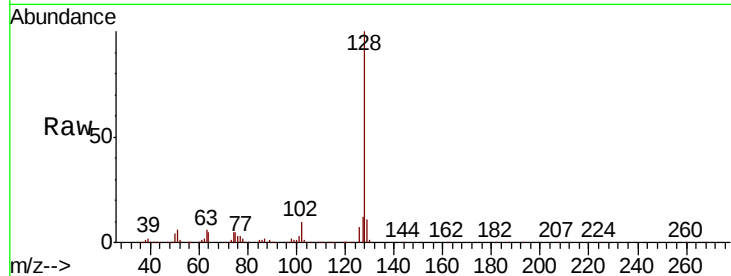
Tot Ion:128 Resp: 470140

Ion Ratio Lower Upper

128 100

127 12.7 10.1 15.1

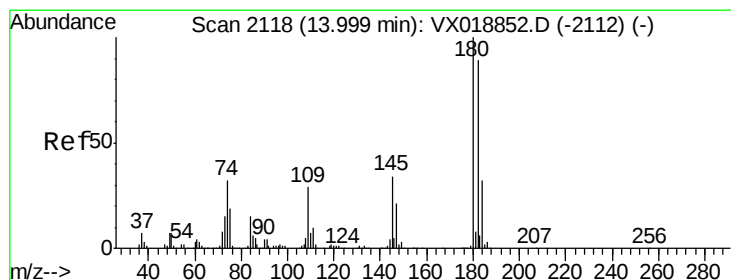
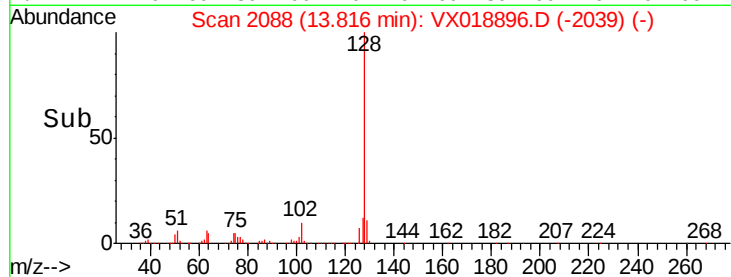
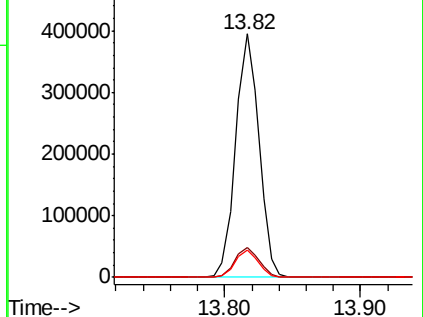
129 10.9 8.6 13.0



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: 45.578 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018896.D

Acq: 10 Oct 2020 08:08

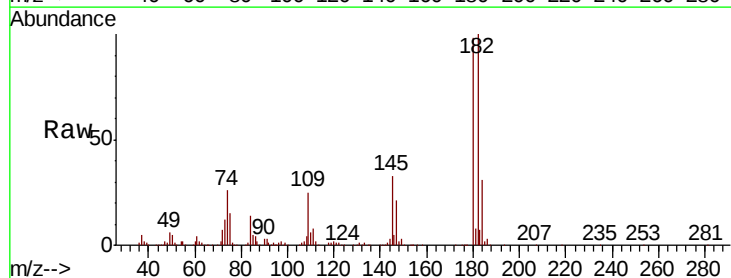
Tgt Ion:180 Resp: 138429

Ion Ratio Lower Upper

180 100

182 104.0 47.7 143.1

145 35.9 16.7 50.0



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

