

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101220\
 Data File : VX018898.D
 Acq On : 12 Oct 2020 12:35
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 13 04:06:33 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	261024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	375660	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	355138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	198936	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	176768	45.92	ug/l	0.00
Spiked Amount			Recovery	=	91.84%	
35) Dibromofluoromethane	5.46	113	132061	49.33	ug/l	-0.01
Spiked Amount			Recovery	=	98.66%	
50) Toluene-d8	8.70	98	457263	49.24	ug/l	0.00
Spiked Amount			Recovery	=	98.48%	
62) 4-Bromofluorobenzene	11.12	95	182749	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	159953	51.762	ug/l	97
3) Chloromethane	1.31	50	143165	58.519	ug/l	99
4) Vinyl Chloride	1.39	62	151868	55.532	ug/l	95
5) Bromomethane	1.62	94	83469	54.801	ug/l	97
6) Chloroethane	1.71	64	97652	53.315	ug/l	94
7) Trichlorofluoromethane	1.92	101	267751	49.670	ug/l	99
8) Diethyl Ether	2.17	74	77615	51.632	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	128227	49.529	ug/l	98
10) Methyl Iodide	2.49	142	112389	42.011	ug/l	96
11) Tert butyl alcohol	3.01	59	158449	261.318	ug/l	98
12) 1,1-Dichloroethene	2.36	96	123604	51.292	ug/l	95
13) Acrolein	2.27	56	125515	248.797	ug/l	99
14) Allyl chloride	2.70	41	233509	53.426	ug/l	93
15) Acrylonitrile	3.11	53	345532	268.696	ug/l	100
16) Acetone	2.42	43	360771	248.231	ug/l	99
17) Carbon Disulfide	2.55	76	359925	50.918	ug/l	99
18) Methyl Acetate	2.75	43	170999	53.433	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	404250	50.015	ug/l	98
20) Methylene Chloride	2.83	84	144155	52.471	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	141107	50.467	ug/l	96
22) Diisopropyl ether	3.82	45	434533	55.551	ug/l	98
23) Vinyl Acetate	3.78	43	2110438	280.530	ug/l	100
24) 1,1-Dichloroethane	3.67	63	266302	50.635	ug/l	98
25) 2-Butanone	4.63	43	544607	261.175	ug/l	95
26) 2,2-Dichloropropane	4.54	77	225058	44.352	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	149689	48.209	ug/l	98
28) Bromochloromethane	4.98	49	123713	53.161	ug/l	85
29) Tetrahydrofuran	5.08	42	306268	273.755	ug/l	96
30) Chloroform	5.17	83	278122	47.999	ug/l	99
31) Cyclohexane	5.54	56	197682	54.976	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	260230	47.259	ug/l	99
36) 1,1-Dichloropropene	5.76	75	203073	51.415	ug/l	99
37) Ethyl Acetate	4.79	43	214244	56.170	ug/l	99
38) Carbon Tetrachloride	5.75	117	240690	49.166	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	197262	54.179	ug/l	97
40) Benzene	6.11	78	555863	52.384	ug/l	99
41) Methacrylonitrile	5.00	41	115828	52.348	ug/l	99
42) 1,2-Dichloroethane	6.16	62	239605	48.163	ug/l	100
43) Isopropyl Acetate	6.41	43	334910	52.835	ug/l	99
44) Trichloroethene	7.18	130	156964	49.324	ug/l	91
45) 1,2-Dichloropropane	7.49	63	149257	53.159	ug/l	98
46) Dibromomethane	7.63	93	102352	49.328	ug/l	99
47) Bromodichloromethane	7.87	83	228933	50.915	ug/l	95
48) Methyl methacrylate	7.74	41	175689	54.623	ug/l	96
49) 1,4-Dioxane	7.71	88	56461	1251.927	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	989273	267.393	ug/l	100
52) Toluene	8.76	92	352974	51.834	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	231880	49.805	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	241361	50.395	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	143567	49.082	ug/l	99
56) Ethyl methacrylate	9.16	69	202796	47.641	ug/l	97
57) 1,3-Dichloropropane	9.35	76	244650	51.547	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	539874	255.103	ug/l	99
59) 2-Hexanone	9.47	43	759905	269.591	ug/l	100
60) Dibromochloromethane	9.56	129	180700	49.213	ug/l	98
61) 1,2-Dibromoethane	9.65	107	153753	49.017	ug/l	98
64) Tetrachloroethene	9.32	164	146126	56.506	ug/l	94
65) Chlorobenzene	10.12	112	376338	49.036	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	160007	50.536	ug/l	99
67) Ethyl Benzene	10.23	91	679000	52.444	ug/l	98
68) m/p-Xylenes	10.34	106	525058	106.742	ug/l	98
69) o-Xylene	10.68	106	241531	52.117	ug/l	100
70) Styrene	10.70	104	438484	55.887	ug/l	98
71) Bromoform	10.84	173	135252	49.388	ug/l #	96
73) Isopropylbenzene	11.00	105	683395	52.514	ug/l	100
74) N-amyl acetate	10.88	43	275180	53.447	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	215894	49.775	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	267178	62.331	ug/l	85
77) Bromobenzene	11.24	156	182616	51.085	ug/l	98
78) n-propylbenzene	11.34	91	797108	53.755	ug/l	99
79) 2-Chlorotoluene	11.40	91	467447	50.571	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	588061	52.829	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	77040	50.934	ug/l	94
82) 4-Chlorotoluene	11.49	91	573648	52.193	ug/l	99
83) tert-Butylbenzene	11.76	119	569390	51.078	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	615807	54.421	ug/l	97
85) sec-Butylbenzene	11.93	105	646708	51.496	ug/l	98
86) p-Isopropyltoluene	12.05	119	626611	52.594	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	327595	49.899	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	326171	49.048	ug/l	97
89) n-Butylbenzene	12.37	91	532034	51.395	ug/l	100
90) Hexachloroethane	12.58	117	106813	48.224	ug/l	89
91) 1,2-Dichlorobenzene	12.37	146	302312	48.376	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51242	46.193	ug/l	96

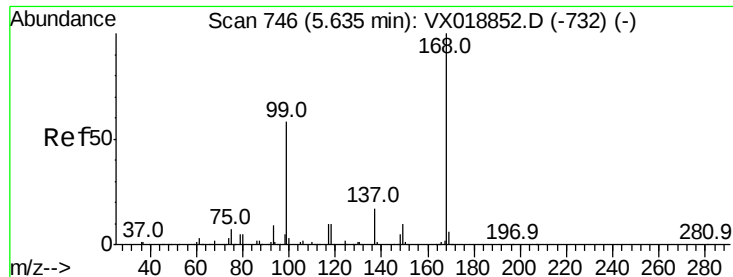
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	216411	53.979	ug/l	95
94) Hexachlorobutadiene	13.77	225	101748	57.138	ug/l	99
95) Naphthalene	13.82	128	630016	47.249	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	210568	53.682	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

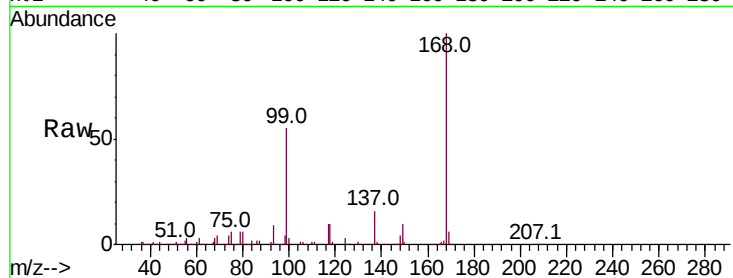
VSTDCCC050

Tot Ion:168 Resp: 261024

Ion Ratio Lower Upper

168 100

99 54.9 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

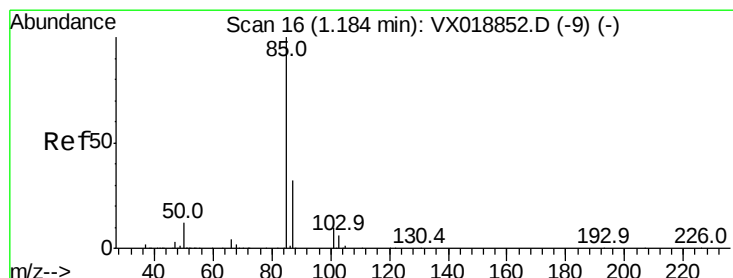
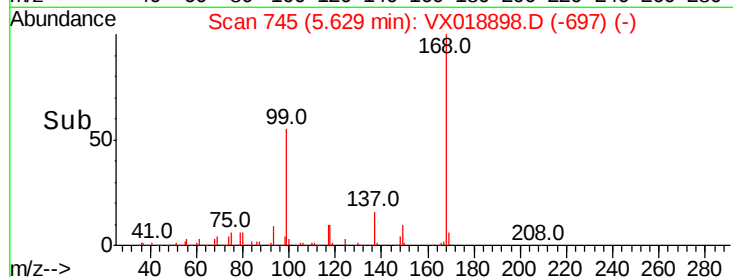
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.762 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018898.D

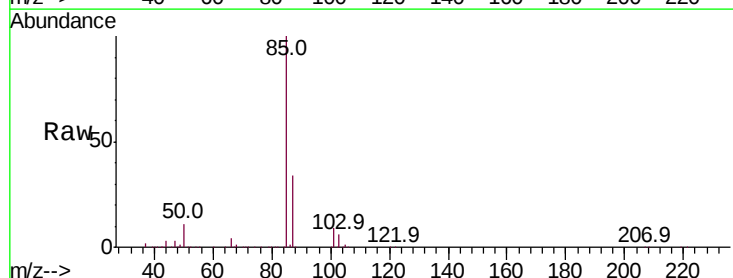
Acq: 12 Oct 2020 12:35

Tgt Ion: 85 Resp: 159953

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

1.18

200000

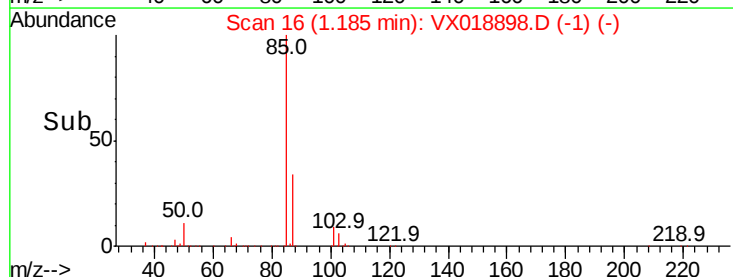
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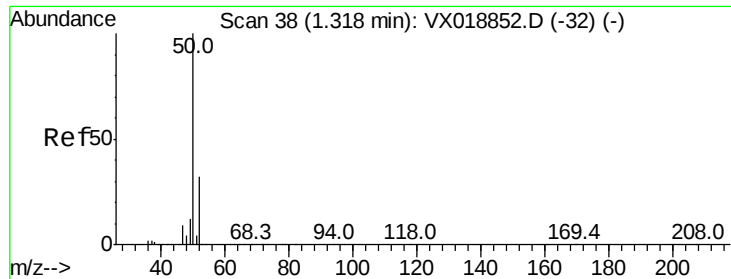
100000

50000

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Time-->





#3

Chloromethane

Concen: 58.519 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

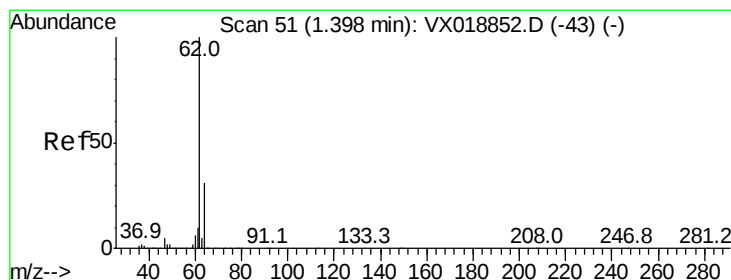
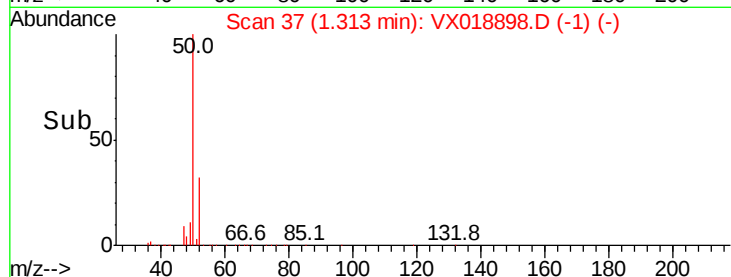
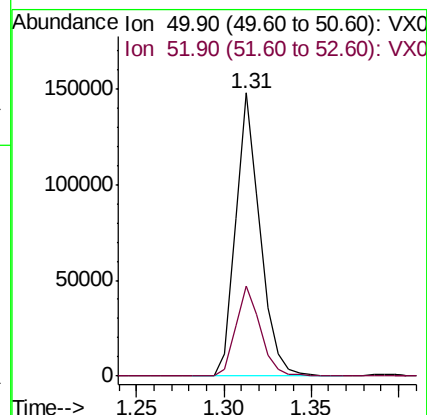
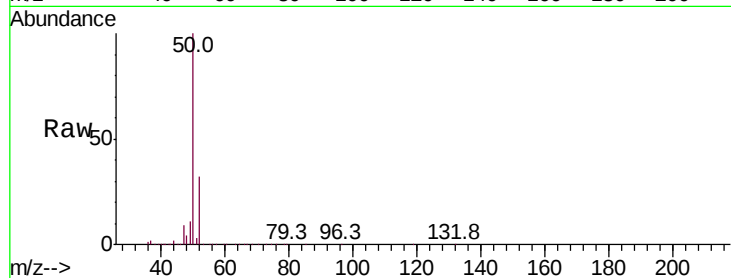
VSTDCCC050

Tot Ion: 50 Resp: 143165

Ion Ratio Lower Upper

50 100

52 32.0 25.2 37.8



#4

Vinyl Chloride

Concen: 55.532 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX018898.D

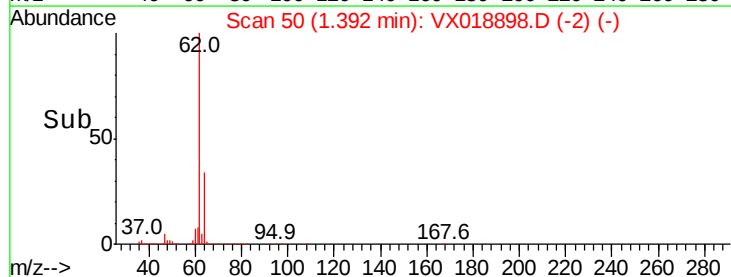
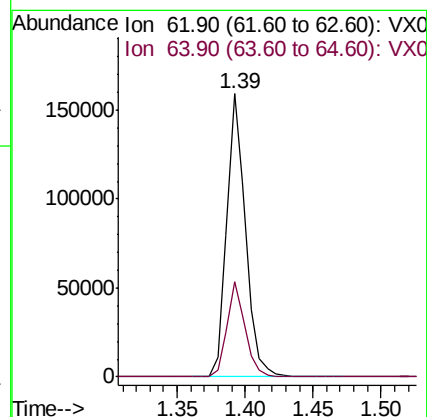
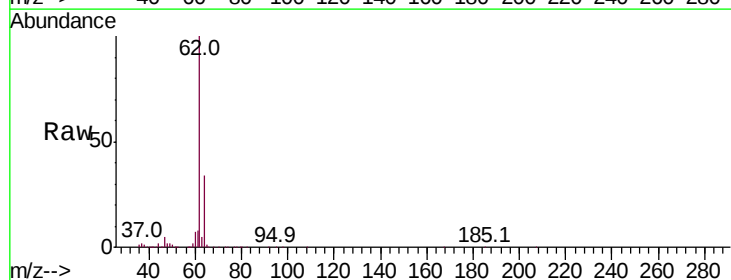
Acq: 12 Oct 2020 12:35

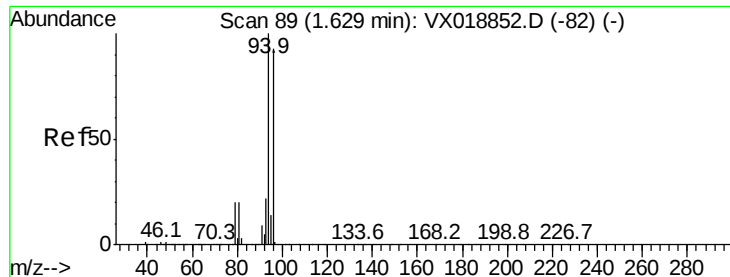
Tgt Ion: 62 Resp: 151868

Ion Ratio Lower Upper

62 100

64 33.6 24.6 37.0





#5

Bromomethane

Concen: 54.801 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

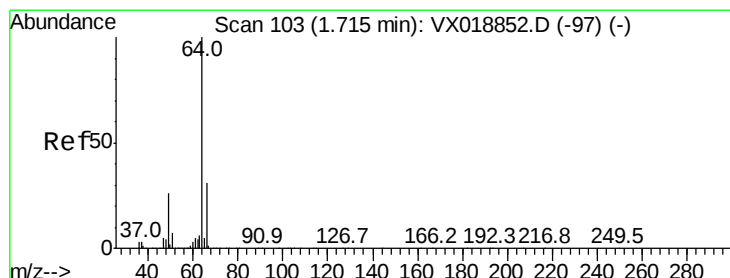
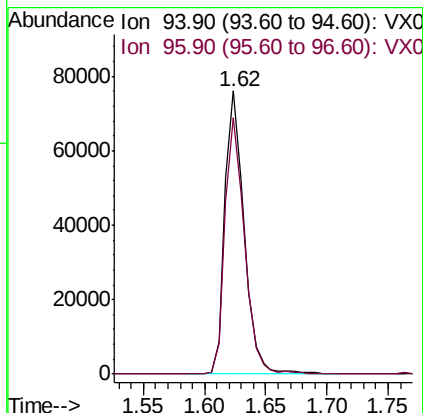
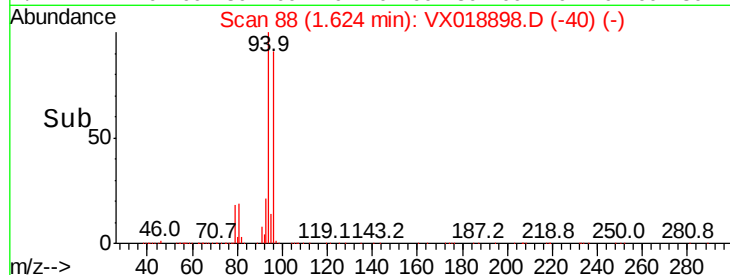
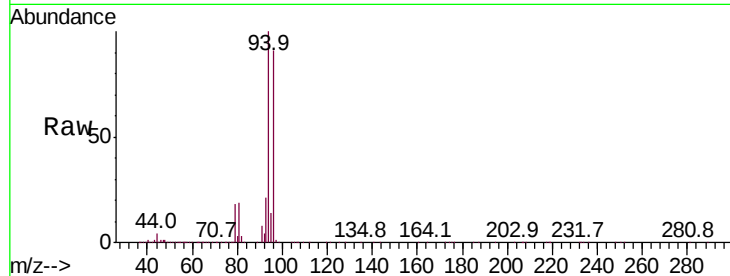
VSTDCCC050

Tot Ion: 94 Resp: 83469

Ion Ratio Lower Upper

94 100

96 90.7 74.5 111.7



#6

Chloroethane

Concen: 53.315 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.01 min

Lab File: VX018898.D

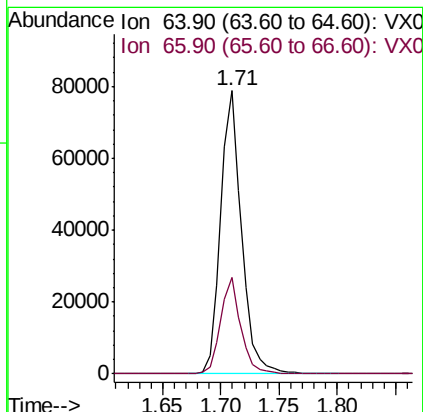
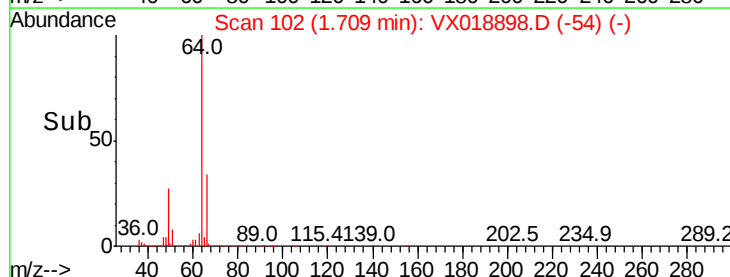
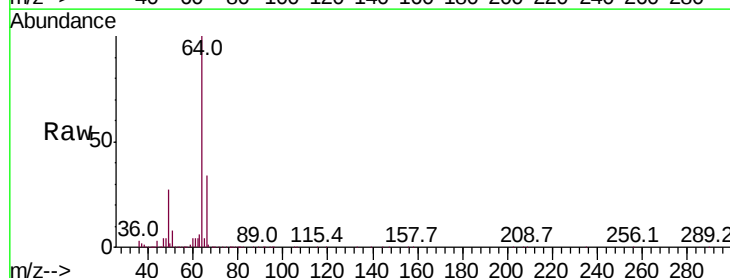
Acq: 12 Oct 2020 12:35

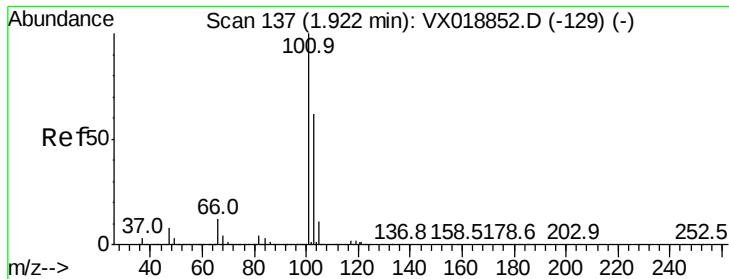
Tgt Ion: 64 Resp: 97652

Ion Ratio Lower Upper

64 100

66 34.1 24.7 37.1



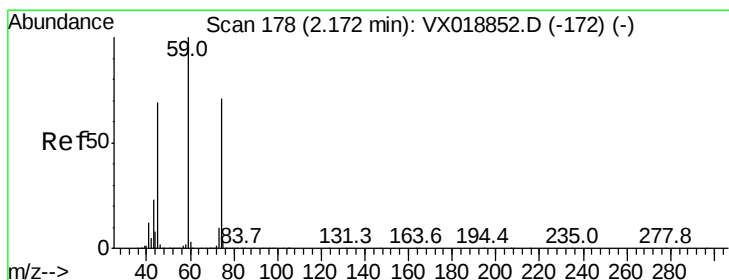
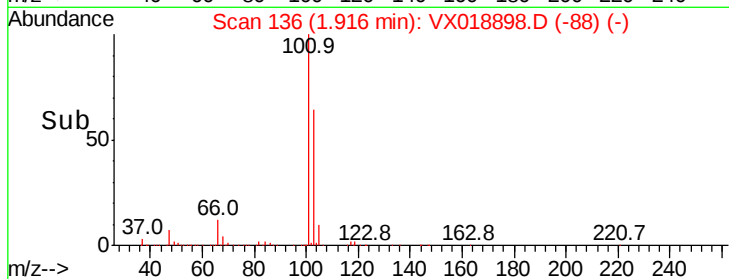
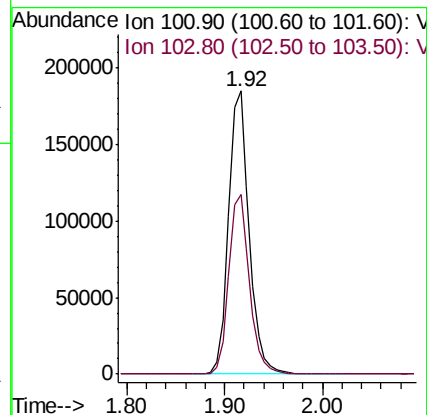
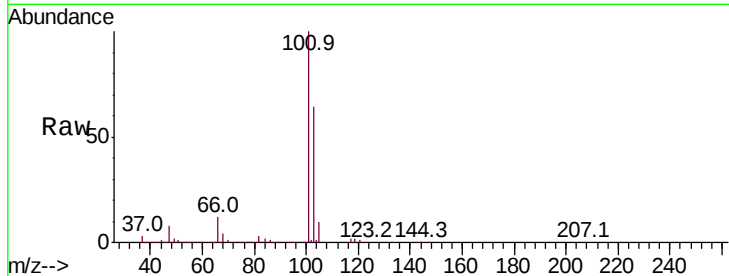


#7

Trichlorofluoromethane
Concen: 49.670 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX018898.D
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ClientSampleId :
VSTDCCC050

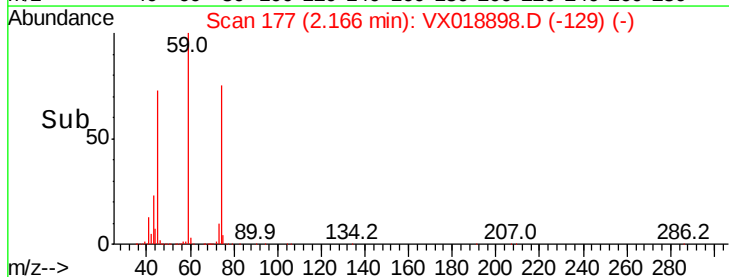
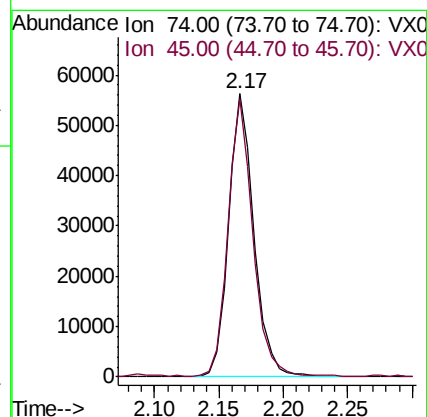
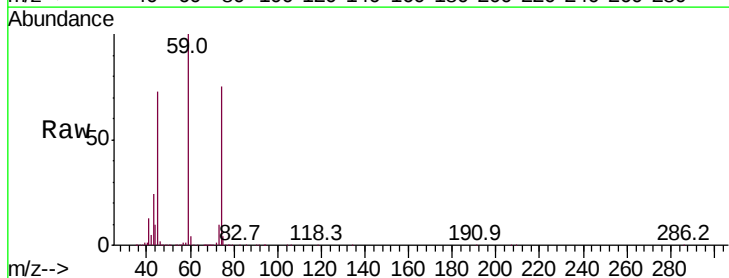
Tot Ion:101 Resp: 267751
Ion Ratio Lower Upper
101 100
103 63.6 50.0 75.0

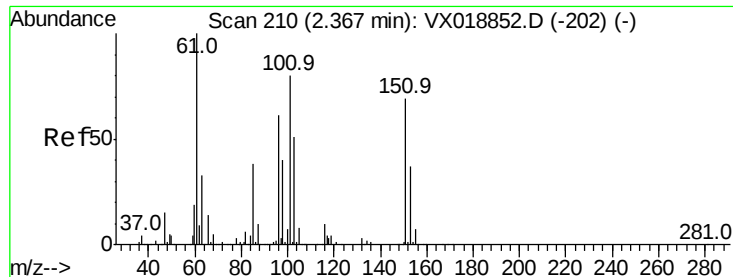


#8

Diethyl Ether
Concen: 51.632 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Tgt Ion: 74 Resp: 77615
Ion Ratio Lower Upper
74 100
45 96.4 47.0 141.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.529 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

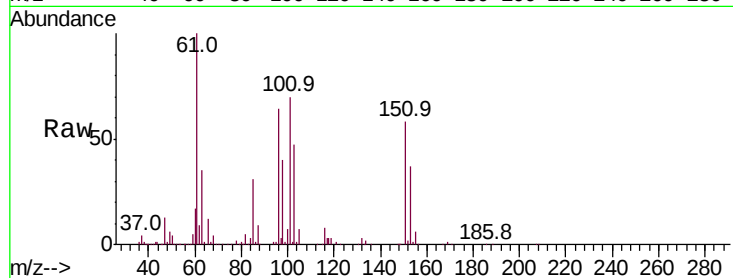
Tot Ion:101 Resp: 128227

Ion Ratio Lower Upper

101 100

85 44.4 36.6 55.0

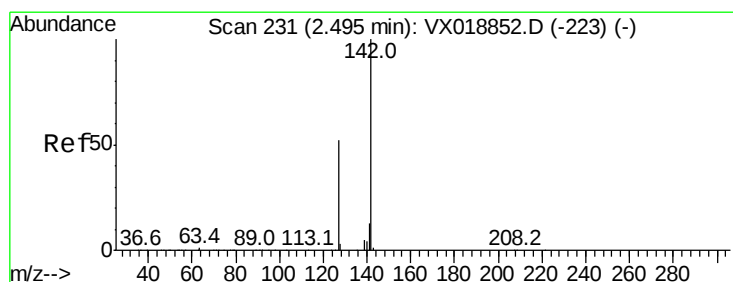
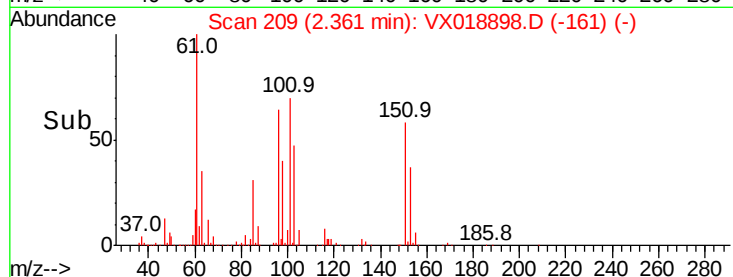
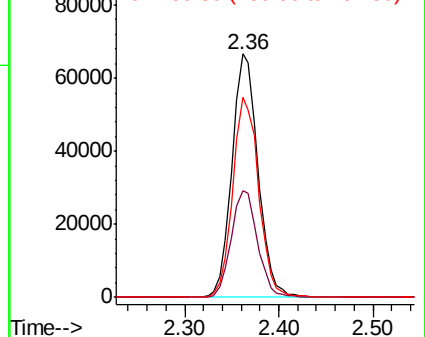
151 81.7 67.2 100.8



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: 42.011 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

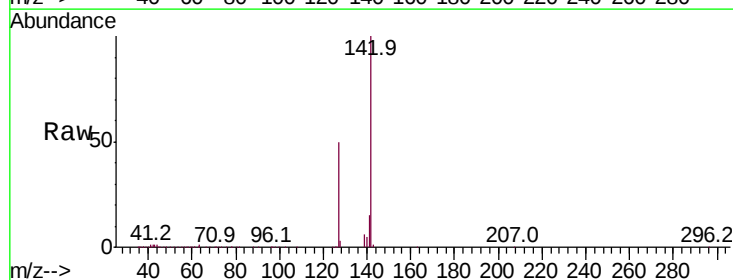
Tgt Ion:142 Resp: 112389

Ion Ratio Lower Upper

142 100

127 48.8 42.0 63.0

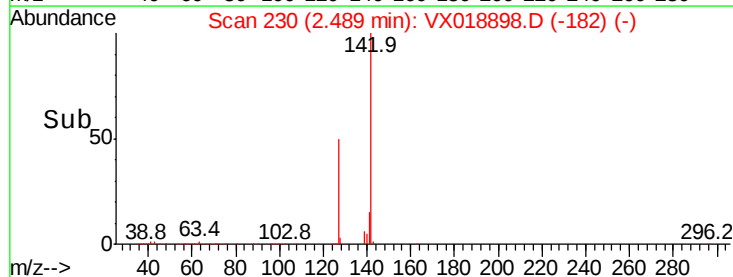
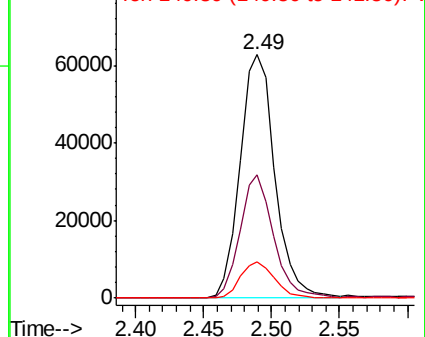
141 14.7 11.8 17.6

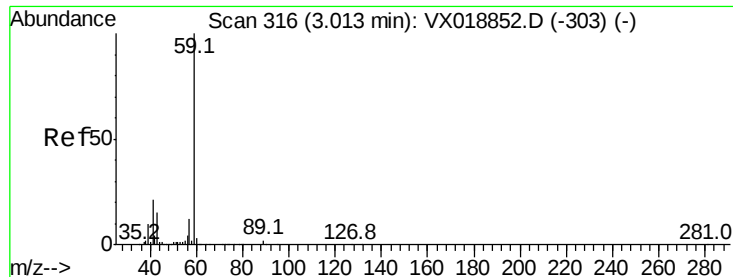


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



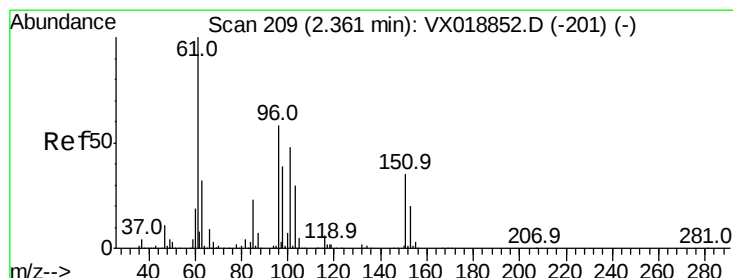
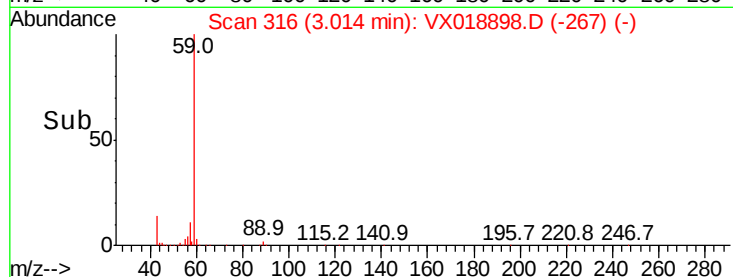
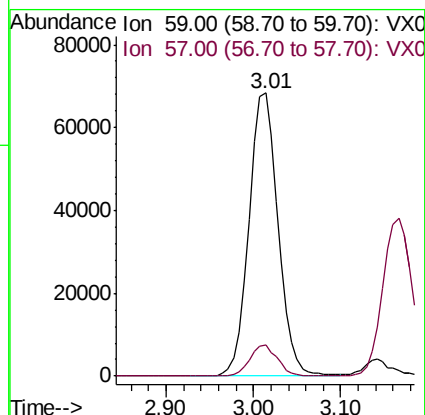
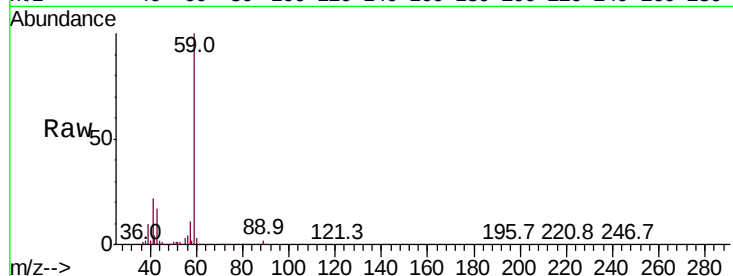


#11

Tert butyl alcohol
 Concen: 261.318 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX018898.D
 Acq: 12 Oct 2020 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

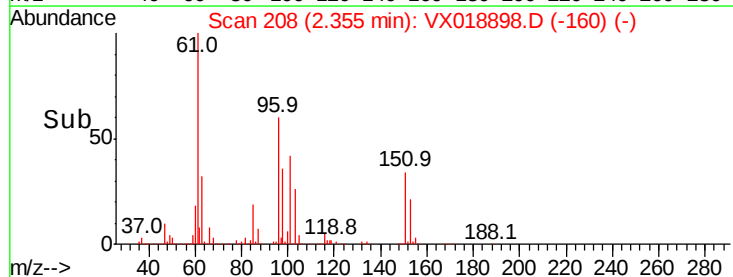
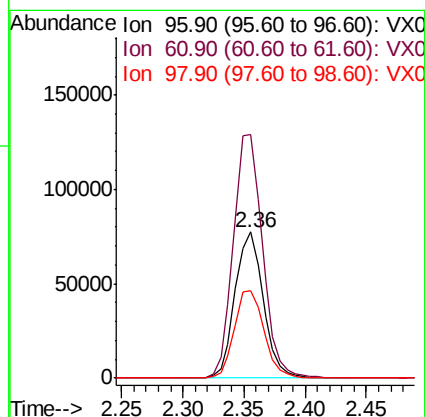
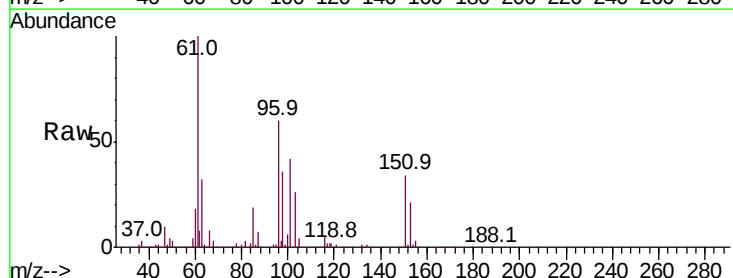
Tot Ion: 59 Resp: 158449
 Ion Ratio Lower Upper
 59 100
 57 10.6 9.0 13.6

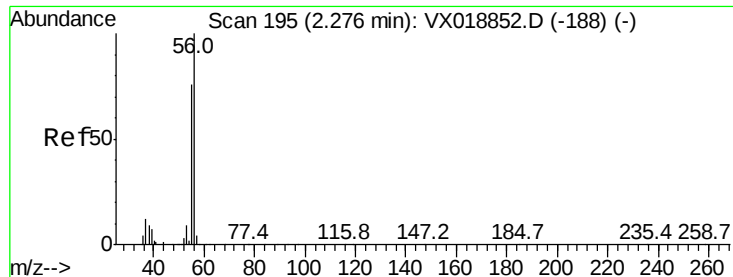


#12

1,1-Dichloroethene
 Concen: 51.292 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX018898.D
 Acq: 12 Oct 2020 12:35

Tgt Ion: 96 Resp: 123604
 Ion Ratio Lower Upper
 96 100
 61 166.6 137.0 205.6
 98 60.4 53.9 80.9





#13

Acrolein

Concen: 248.797 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

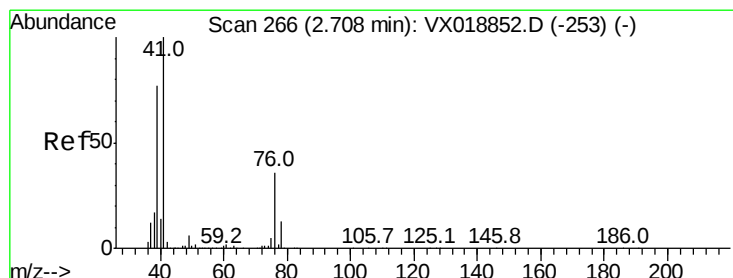
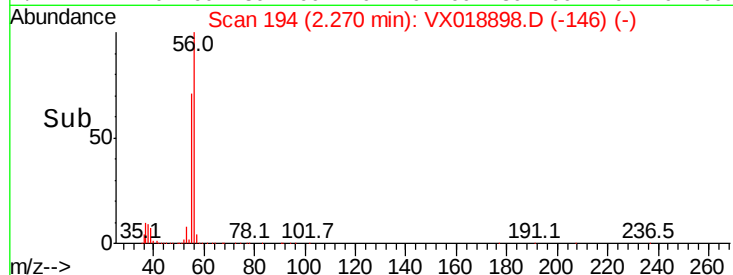
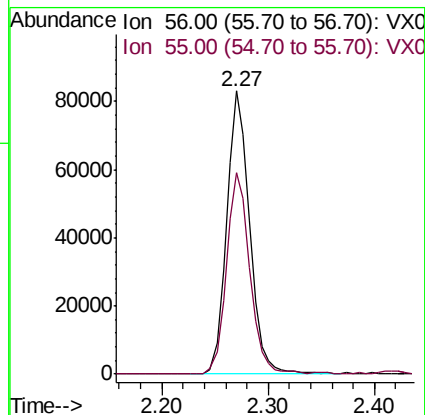
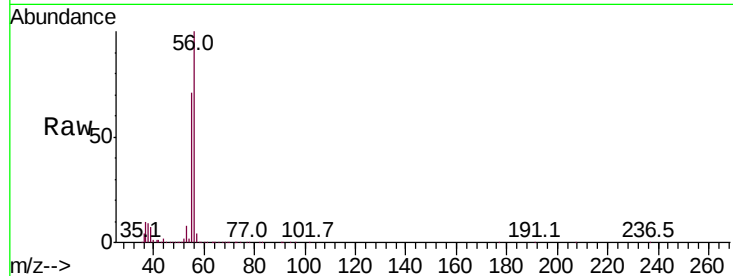
VSTDCCC050

Tot Ion: 56 Resp: 125515

Ion Ratio Lower Upper

56 100

55 72.0 58.6 87.8



#14

Allyl chloride

Concen: 53.426 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

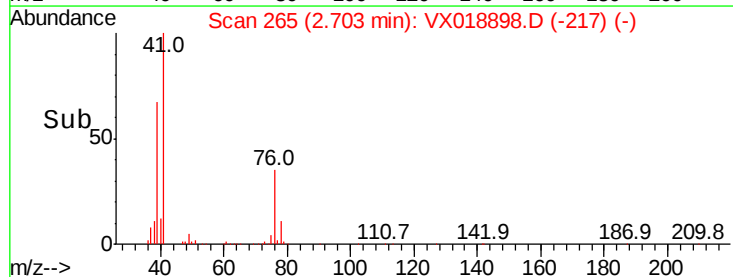
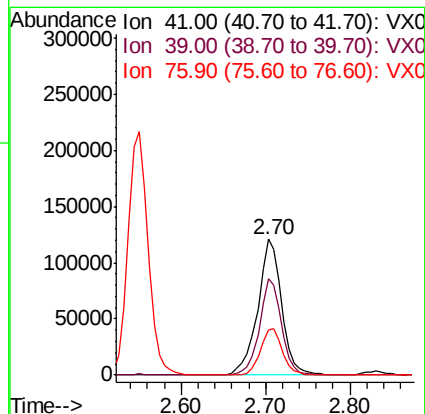
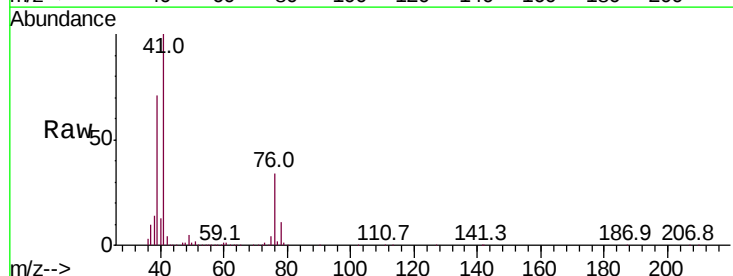
Tgt Ion: 41 Resp: 233509

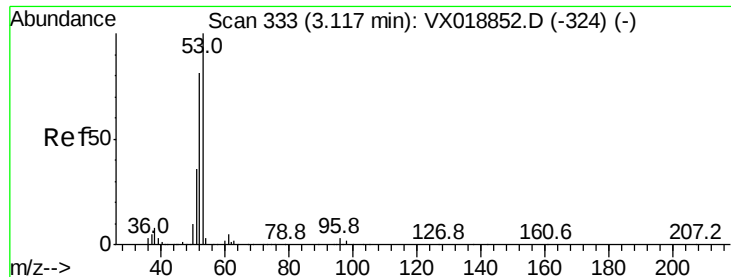
Ion Ratio Lower Upper

41 100

39 65.6 57.8 86.8

76 31.4 26.8 40.2





#15

Acrylonitrile

Concen: 268.696 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

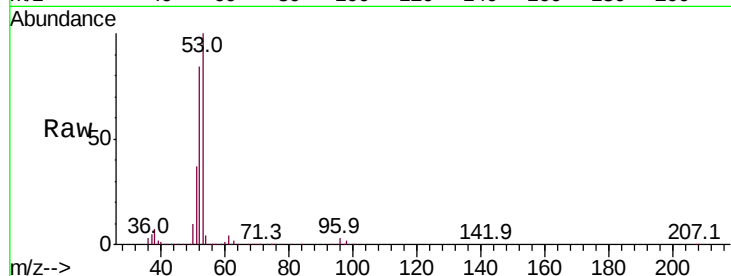
Tot Ion: 53 Resp: 345532

Ion Ratio Lower Upper

53 100

52 83.4 66.7 100.1

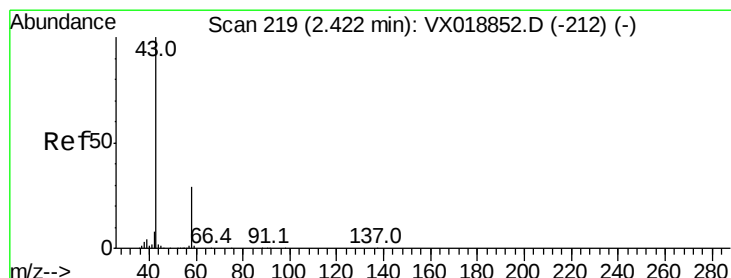
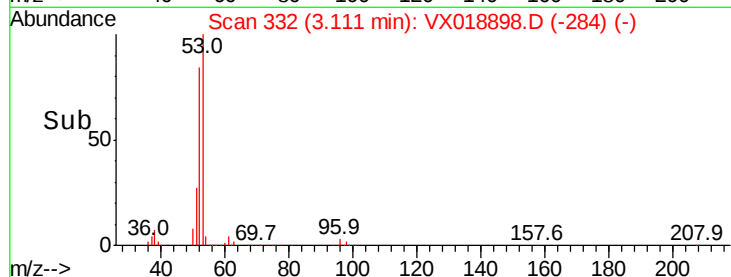
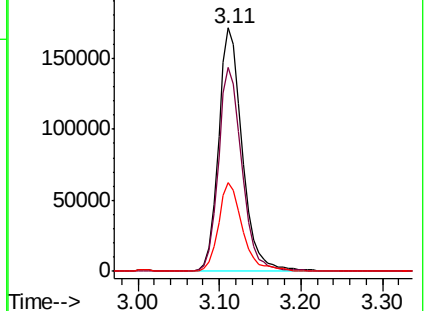
51 37.0 30.3 45.5



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: 248.231 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX018898.D

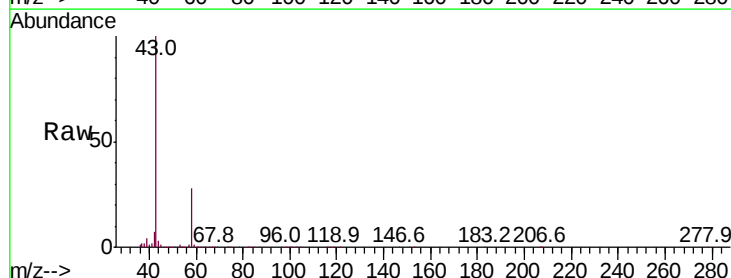
Acq: 12 Oct 2020 12:35

Tgt Ion: 43 Resp: 360771

Ion Ratio Lower Upper

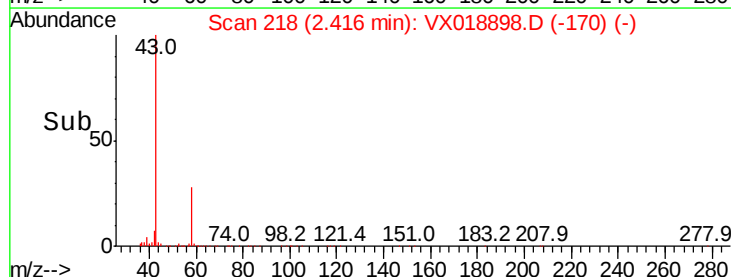
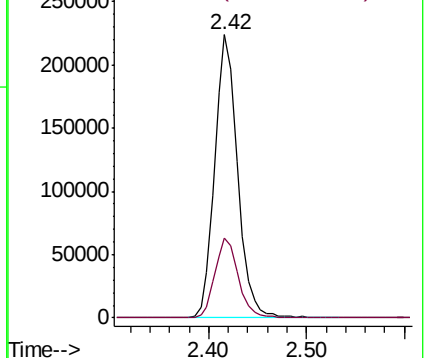
43 100

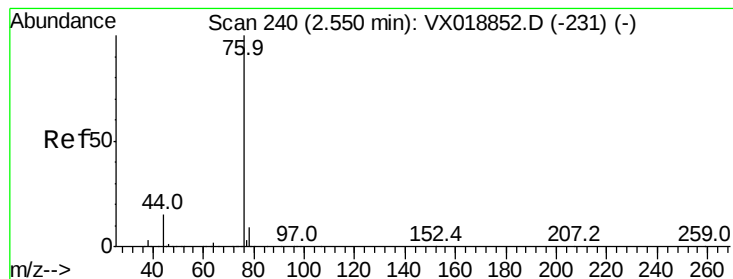
58 28.3 23.0 34.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 50.918 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

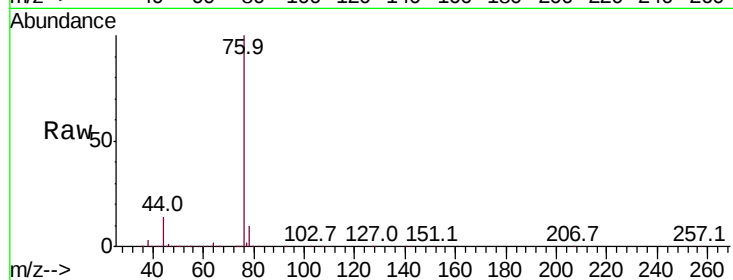
VSTDCCC050

Tot Ion: 76 Resp: 359925

Ion Ratio Lower Upper

76 100

78 9.6 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

100000

50000

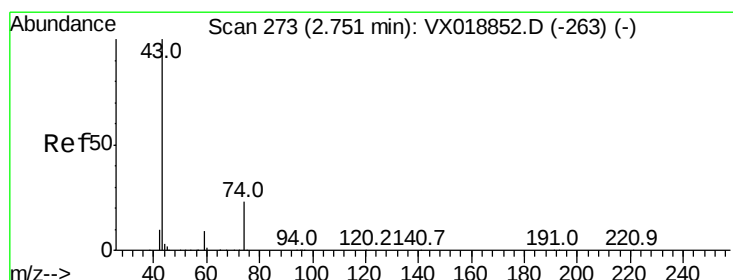
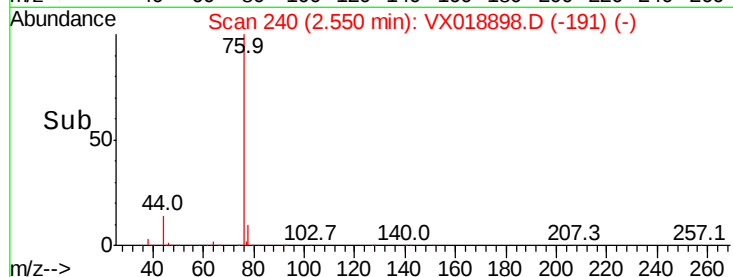
0

2.55

2.60

2.70

Time-->



#18

Methyl Acetate

Concen: 53.433 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX018898.D

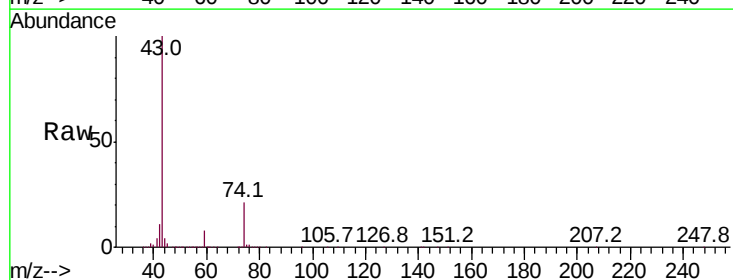
Acq: 12 Oct 2020 12:35

Tgt Ion: 43 Resp: 170999

Ion Ratio Lower Upper

43 100

74 22.4 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

100000

80000

60000

40000

20000

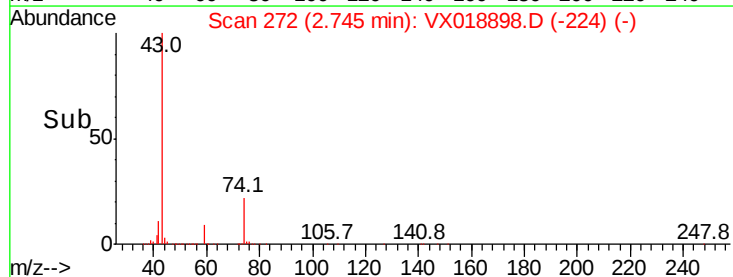
0

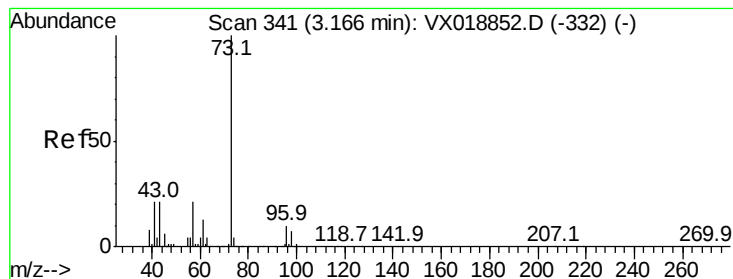
2.75

2.80

2.85

Time-->



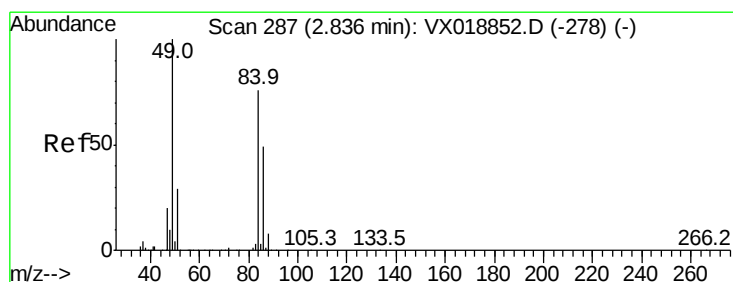
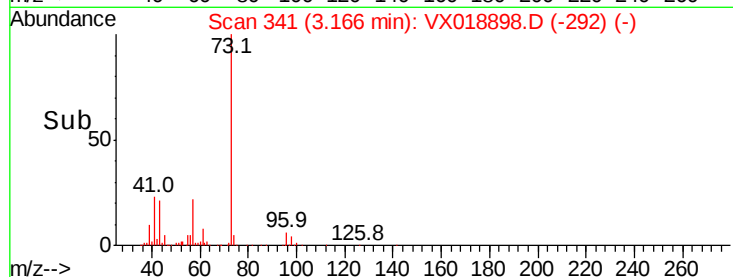
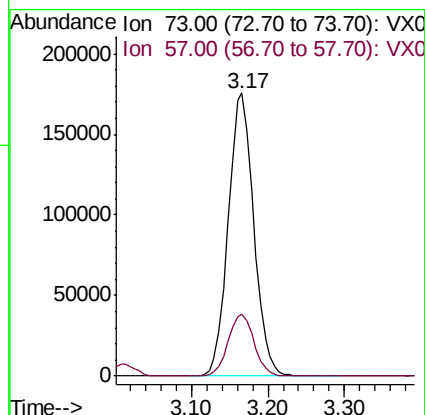
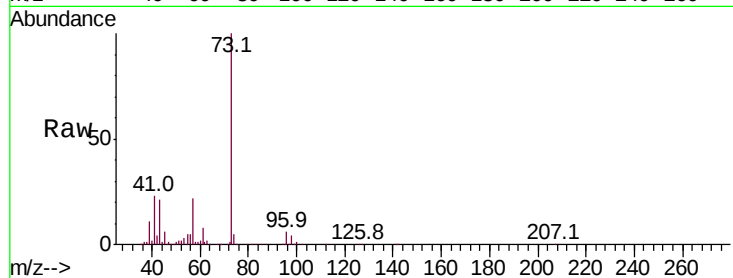


#19

Methyl tert-butyl Ether
 Concen: 50.015 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018898.D
 Acq: 12 Oct 2020 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

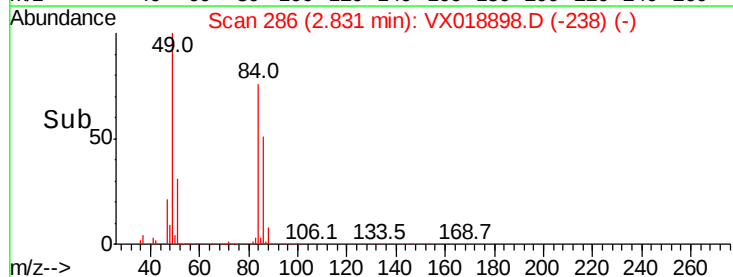
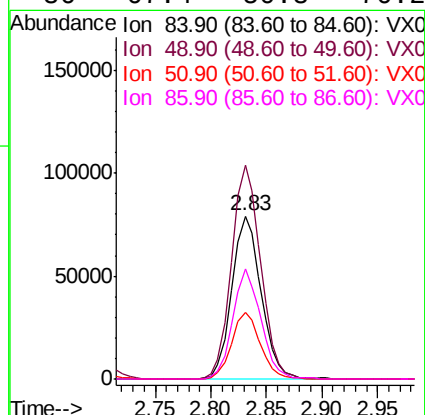
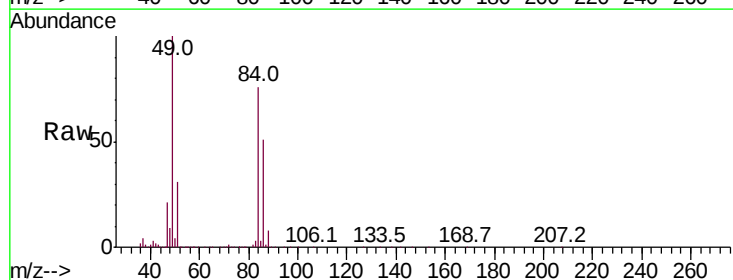
Tot Ion: 73 Resp: 404250
 Ion Ratio Lower Upper
 73 100
 57 21.7 16.7 25.1

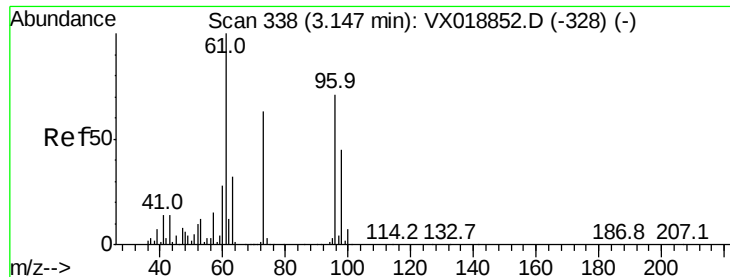


#20

Methylene Chloride
 Concen: 52.471 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX018898.D
 Acq: 12 Oct 2020 12:35

Tgt Ion: 84 Resp: 144155
 Ion Ratio Lower Upper
 84 100
 49 131.0 104.8 157.2
 51 41.2 30.6 46.0
 86 67.4 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 50.467 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

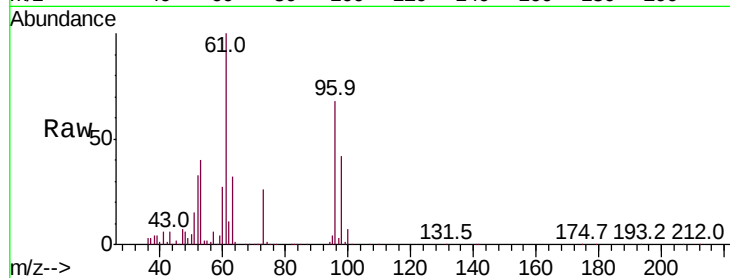
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 141107

Ion	Ratio	Lower	Upper
96	100		
61	147.5	112.0	168.0
98	62.5	50.2	75.2

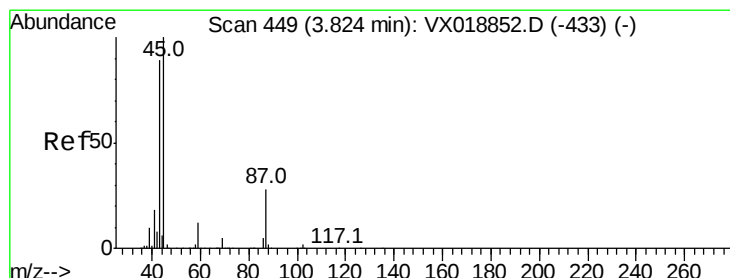
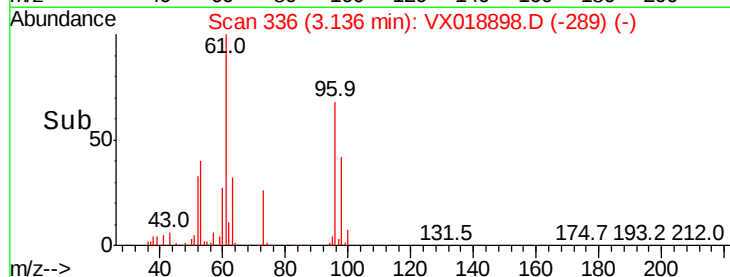
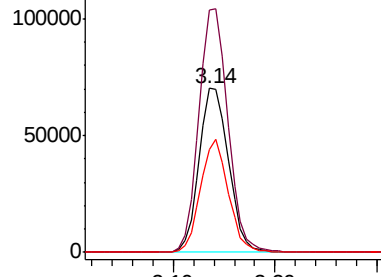


Abundance

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: 55.551 ug/l

RT: 3.82 min Scan# 448

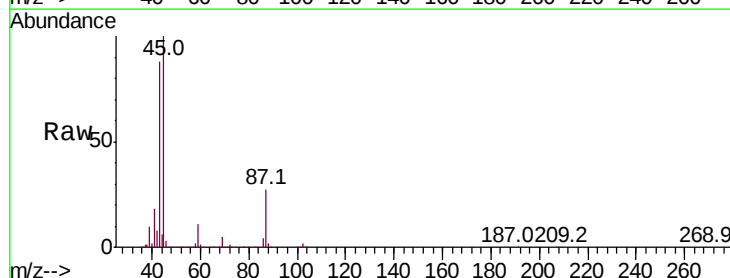
Delta R.T. -0.01 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Tgt Ion: 45 Resp: 434533

Ion	Ratio	Lower	Upper
45	100		
43	87.6	71.2	106.8
87	27.1	22.5	33.7
59	11.2	9.2	13.8



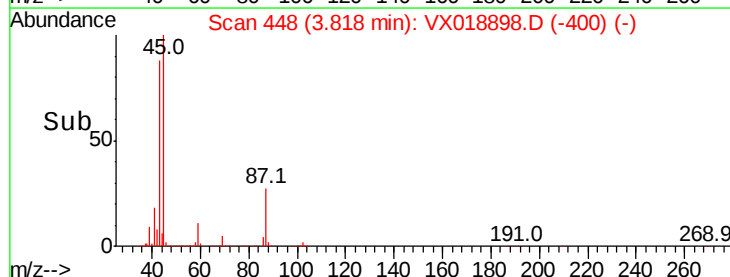
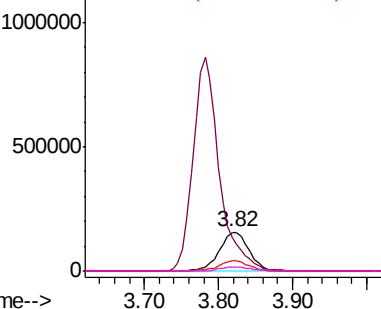
Abundance

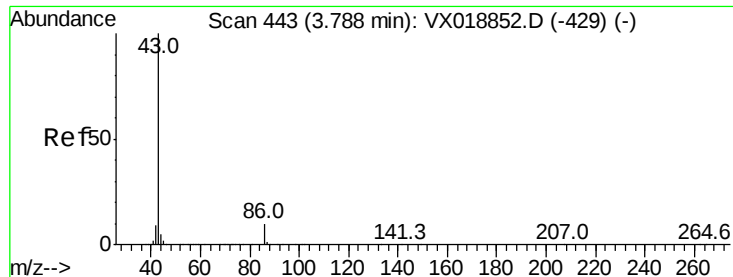
Ion 45.00 (44.70 to 45.70): VX0

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: 280.530 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

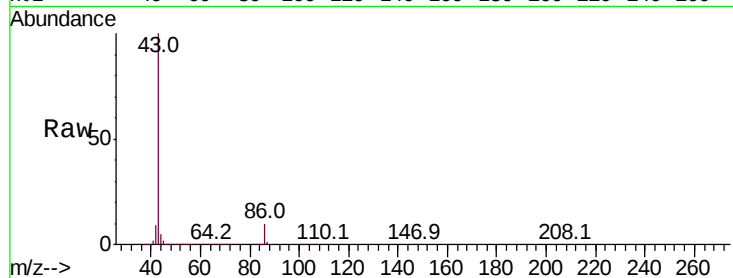
VSTDCCC050

Tot Ion: 43 Resp: 2110438

Ion Ratio Lower Upper

43 100

86 10.3 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1000000

800000

600000

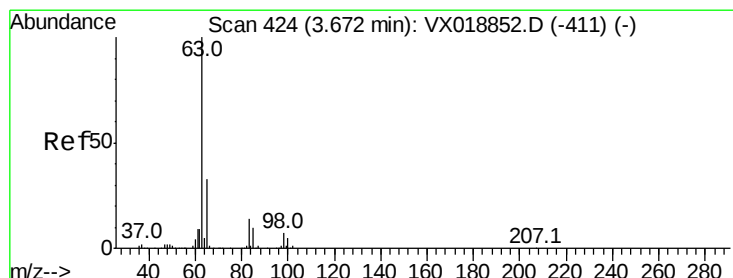
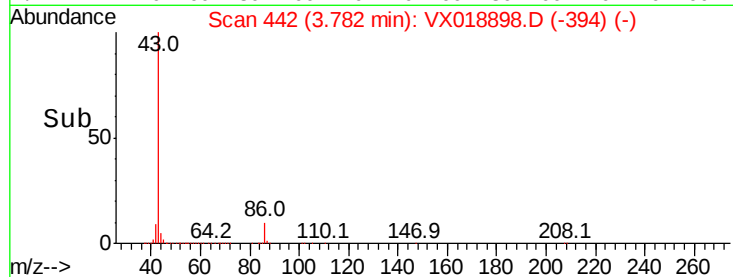
400000

200000

0

3.60 3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 50.635 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

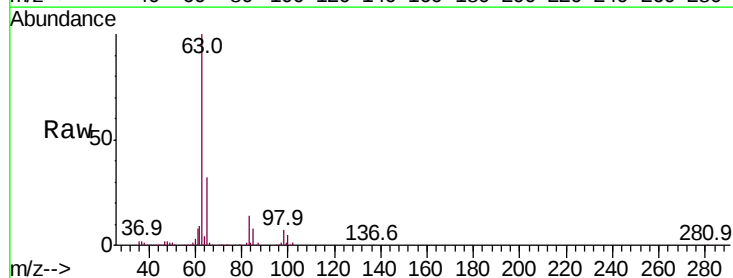
Tgt Ion: 63 Resp: 266302

Ion Ratio Lower Upper

63 100

98 6.7 3.8 11.2

100 4.5 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

150000

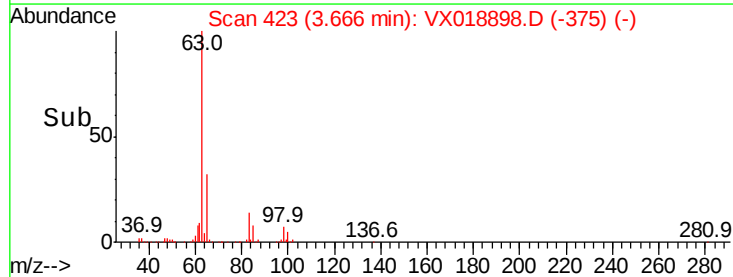
100000

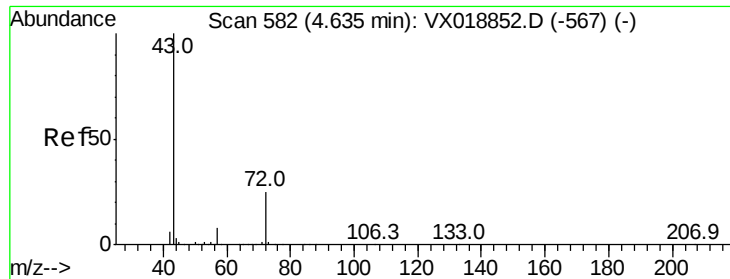
50000

0

3.60 3.70 3.80

Time-->

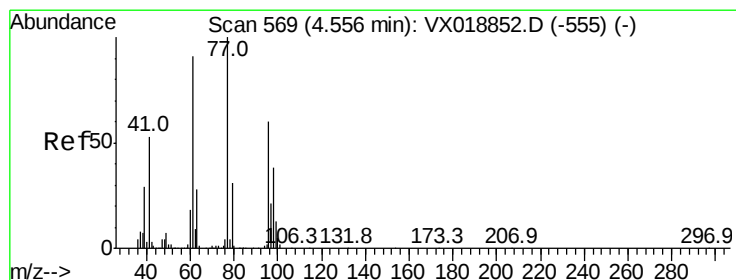
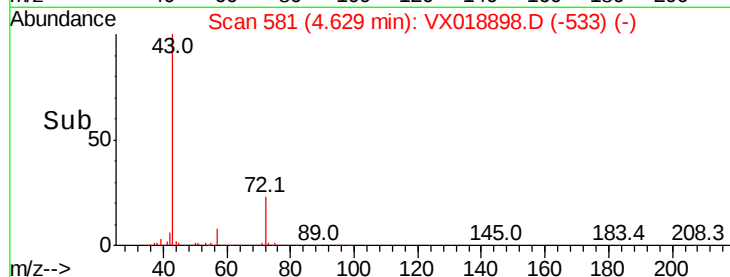
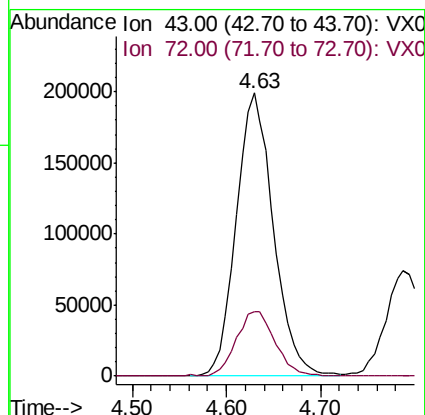
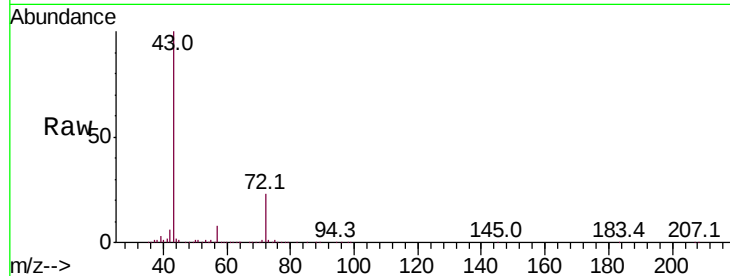




#25
2-Butanone
Concen: 261.175 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

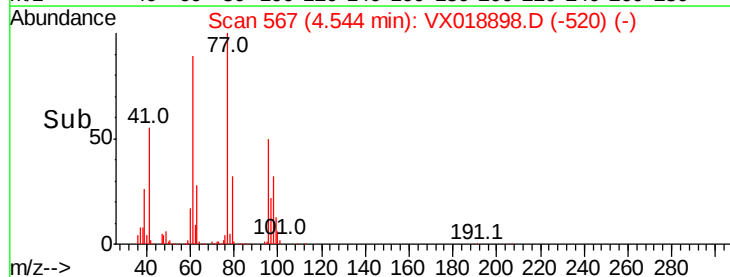
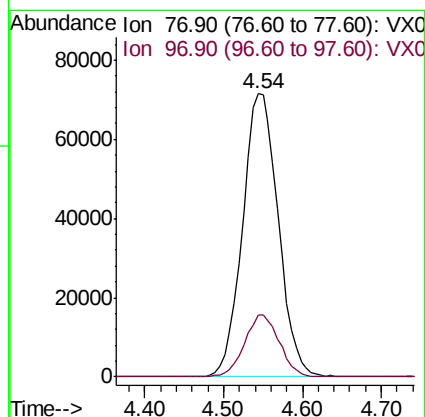
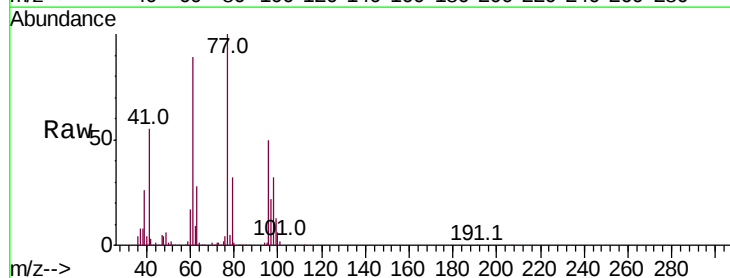
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

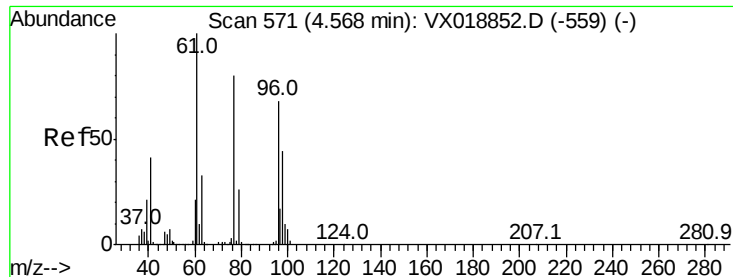
Tot Ion: 43 Resp: 544607
Ion Ratio Lower Upper
43 100
72 22.7 20.2 30.4



#26
2,2-Dichloropropane
Concen: 44.352 ug/l
RT: 4.54 min Scan# 567
Delta R.T. -0.01 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Tgt Ion: 77 Resp: 225058
Ion Ratio Lower Upper
77 100
97 21.4 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 48.209 ug/l

RT: 4.56 min Scan# 569

Delta R.T. -0.01 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

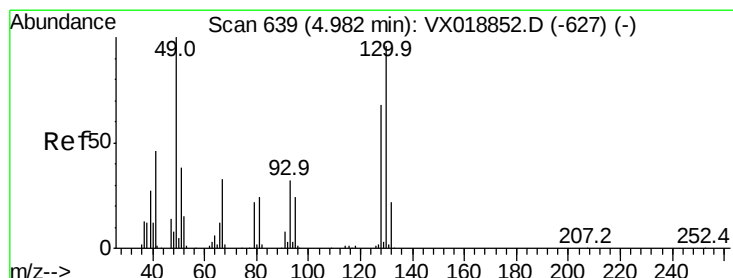
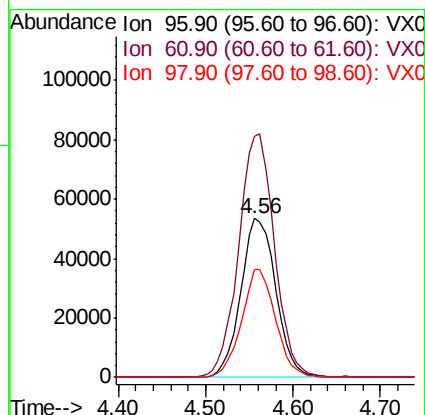
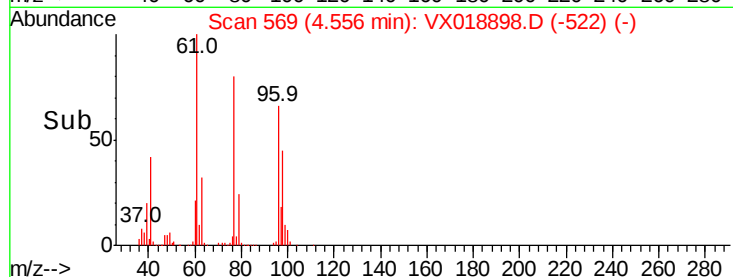
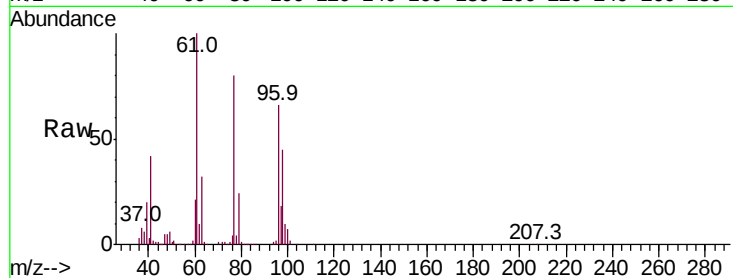
Tot Ion: 96 Resp: 149689

Ion Ratio Lower Upper

96 100

61 156.5 0.0 306.8

98 65.6 0.0 130.2



#28

Bromochloromethane

Concen: 53.161 ug/l

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

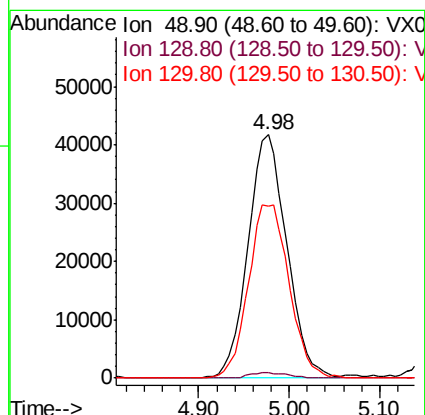
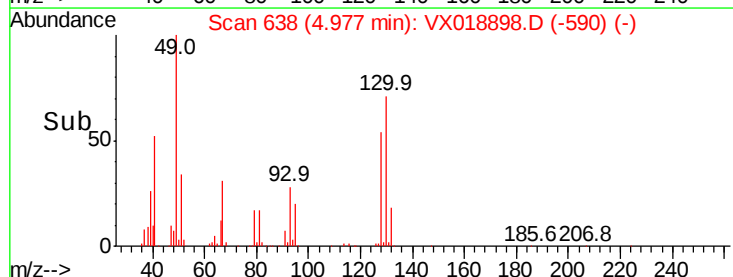
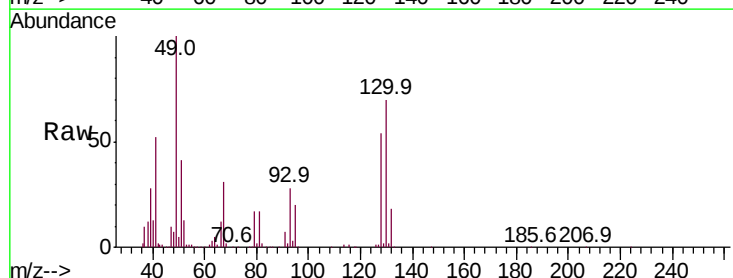
Tgt Ion: 49 Resp: 123713

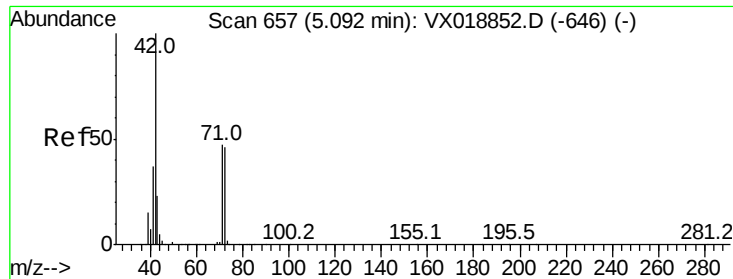
Ion Ratio Lower Upper

49 100

129 2.2 0.0 5.4

130 74.8 71.2 106.8





#29

Tetrahydrofuran

Concen: 273.755 ug/l

RT: 5.08 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

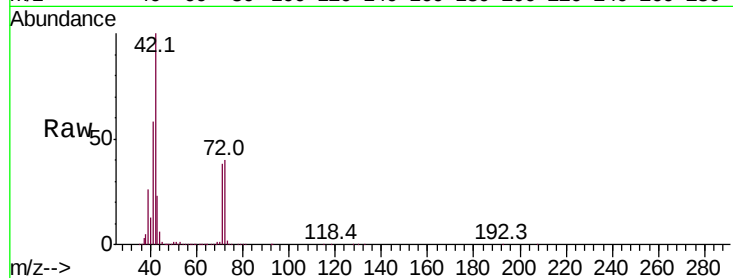
Tot Ion: 42 Resp: 306268

Ion Ratio Lower Upper

42 100

72 43.5 36.4 54.6

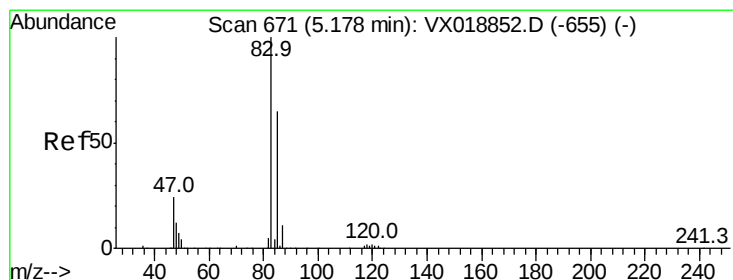
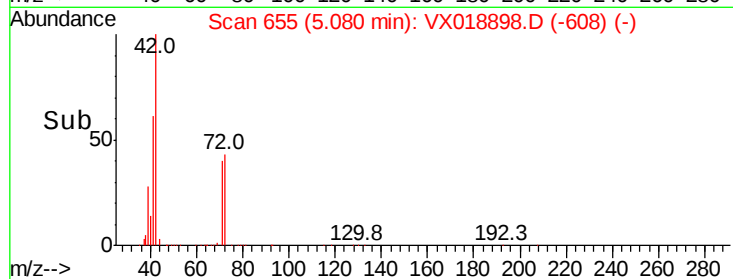
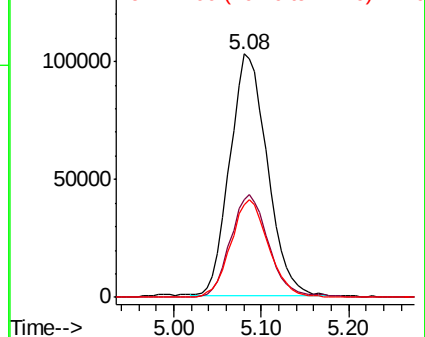
71 40.9 35.2 52.8



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: 47.999 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX018898.D

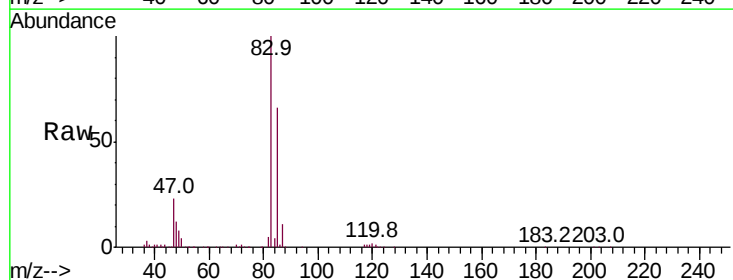
Acq: 12 Oct 2020 12:35

Tgt Ion: 83 Resp: 278122

Ion Ratio Lower Upper

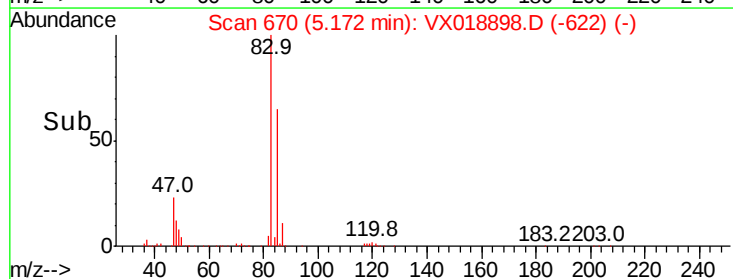
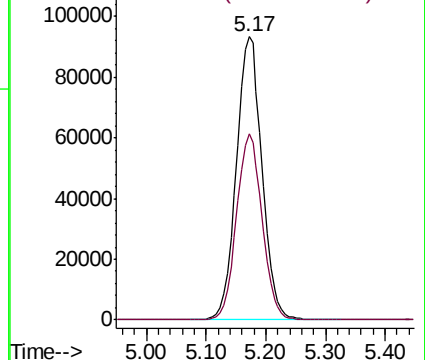
83 100

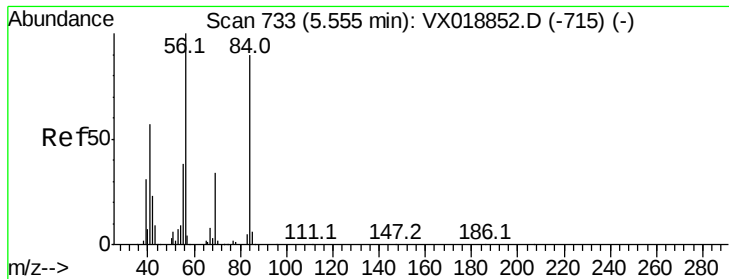
85 65.7 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

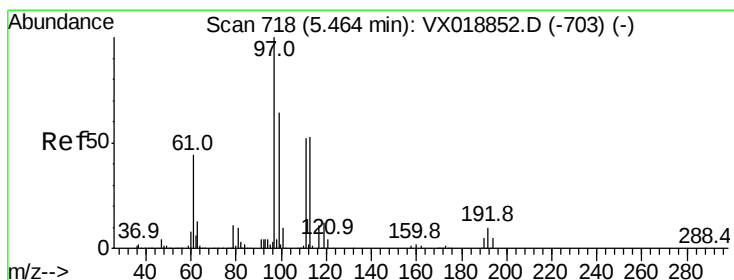
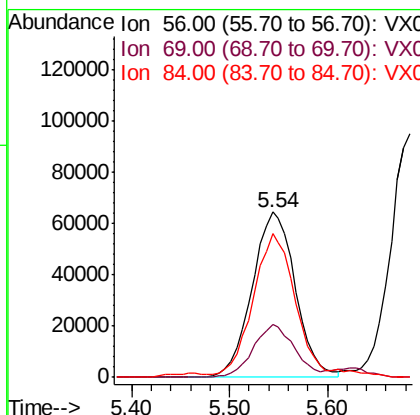
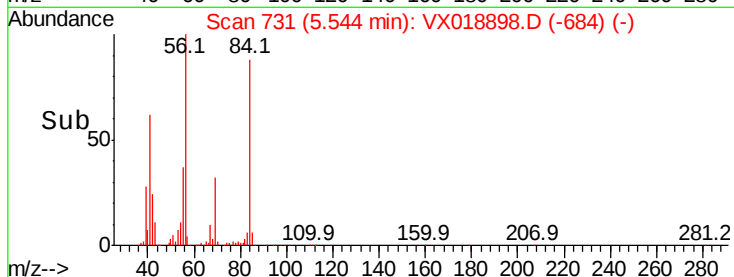
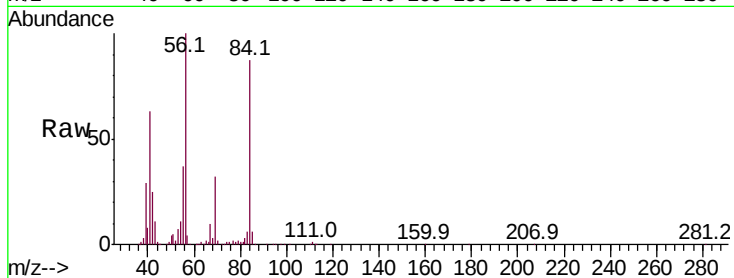




#31
Cyclohexane
Concen: 54.976 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

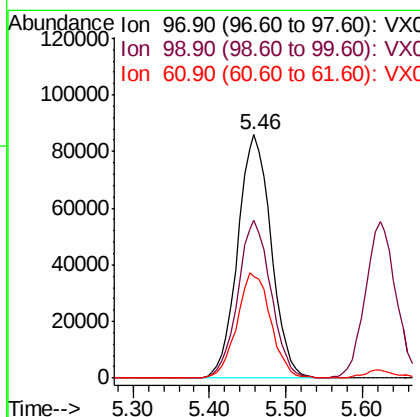
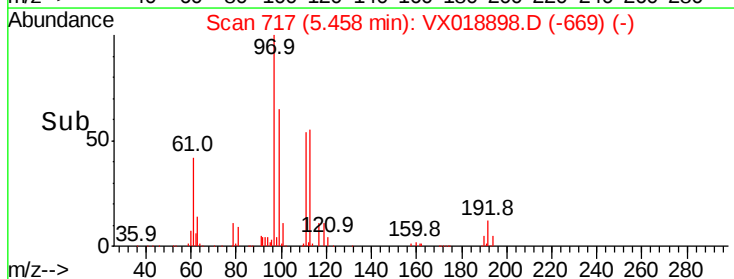
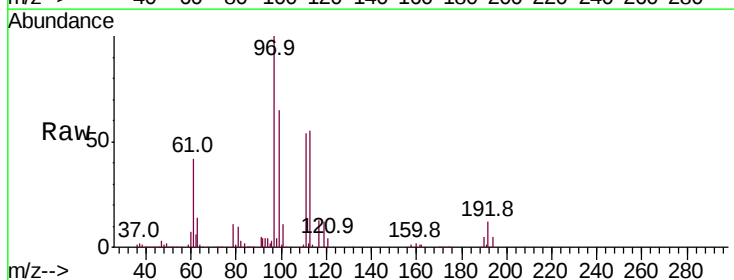
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

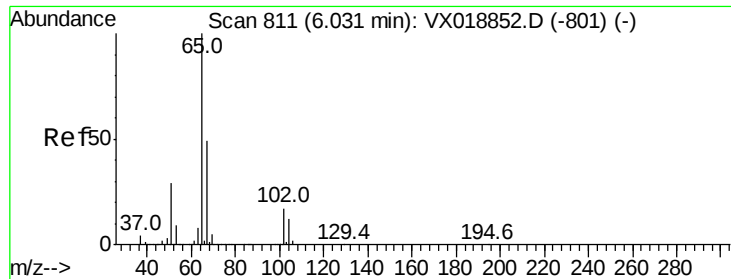
Tot Ion: 56 Resp: 197682
Ion Ratio Lower Upper
56 100
69 32.1 27.1 40.7
84 84.9 71.7 107.5



#32
1,1,1-Trichloroethane
Concen: 47.259 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Tgt Ion: 97 Resp: 260230
Ion Ratio Lower Upper
97 100
99 64.1 52.1 78.1
61 43.7 35.3 52.9





#33

1,2-Dichloroethane-d4

Concen: 45.916 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

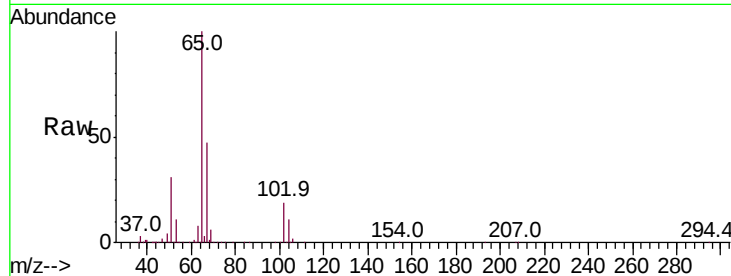
VSTDCCC050

Tot Ion: 65 Resp: 176768

Ion Ratio Lower Upper

65 100

67 50.8 0.0 97.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

60000

40000

20000

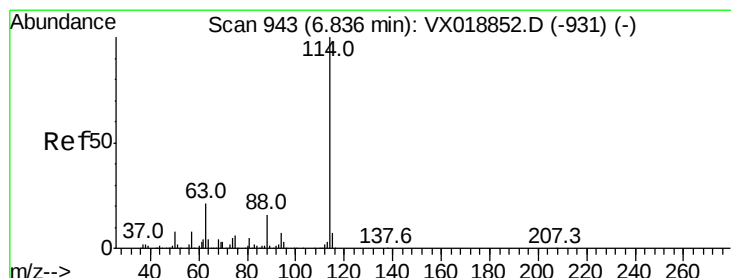
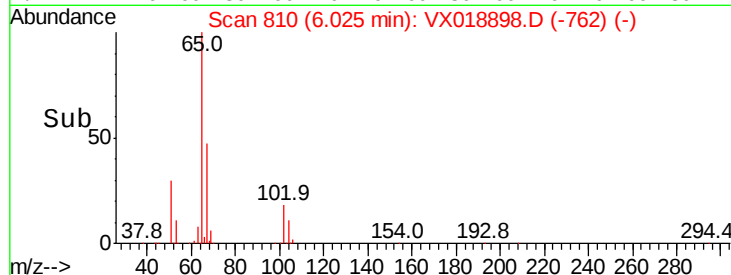
0

Time-->

5.90

6.00

6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

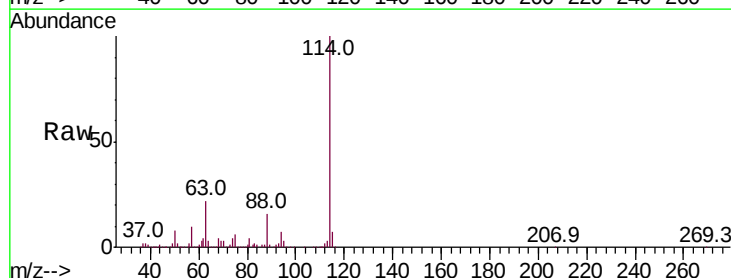
Tgt Ion:114 Resp: 375660

Ion Ratio Lower Upper

114 100

63 21.9 0.0 42.4

88 16.1 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

200000

150000

100000

50000

0

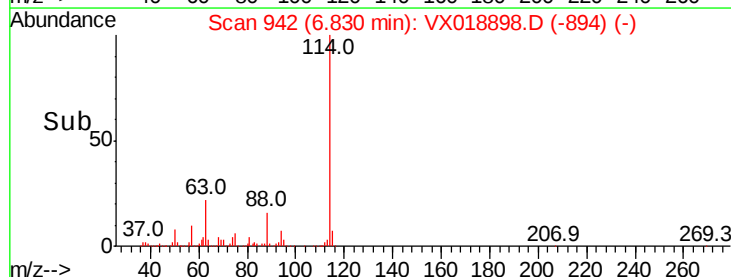
Time-->

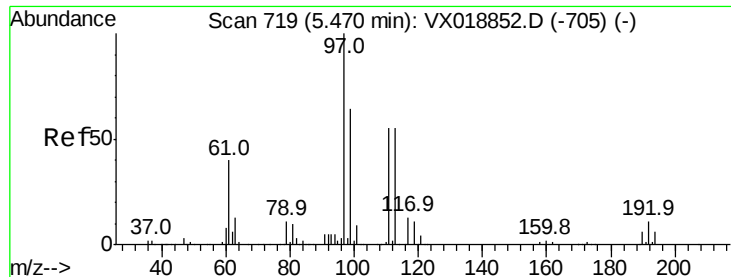
6.70

6.80

6.90

7.00

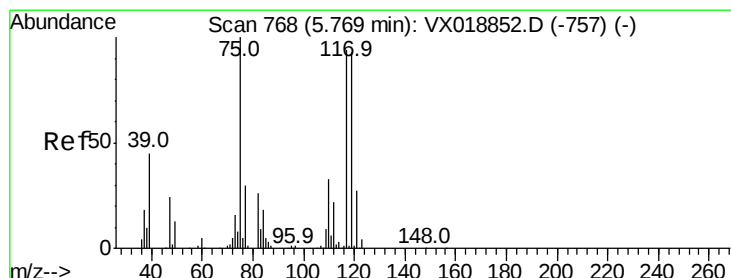
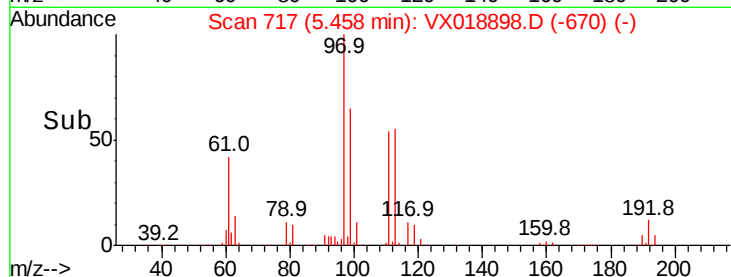
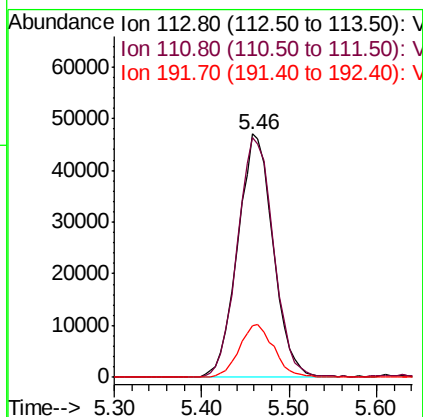
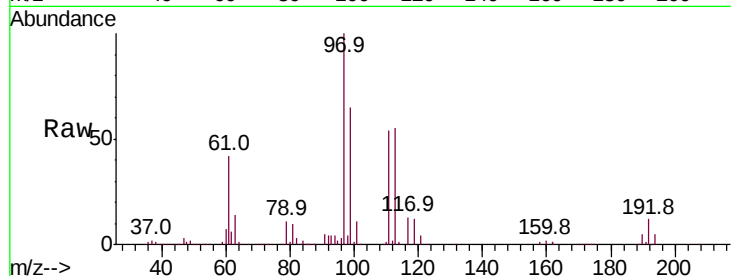




#35
 Dibromofluoromethane
 Concen: 49.328 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX018898.D
 Acq: 12 Oct 2020 12:35

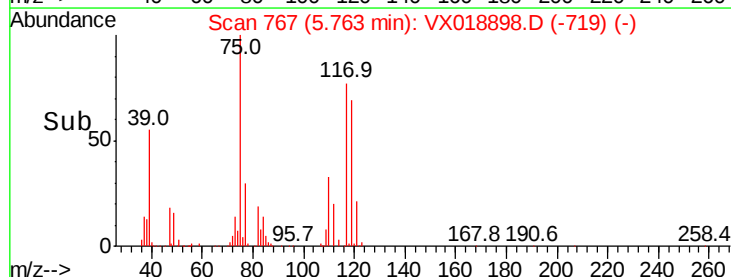
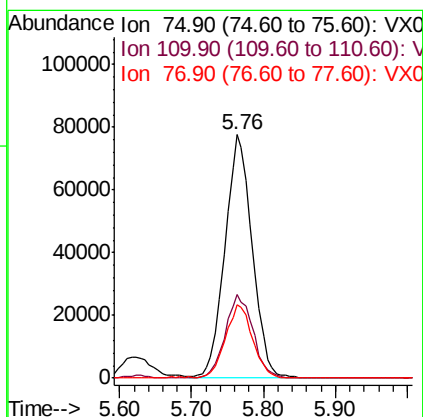
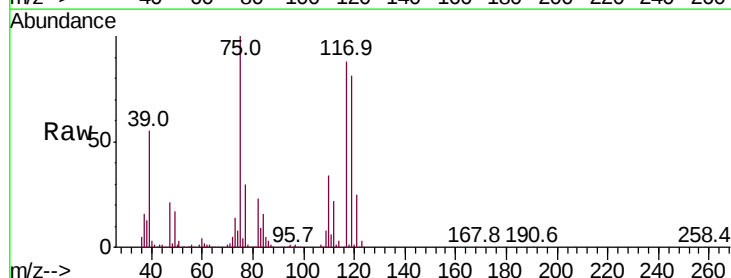
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

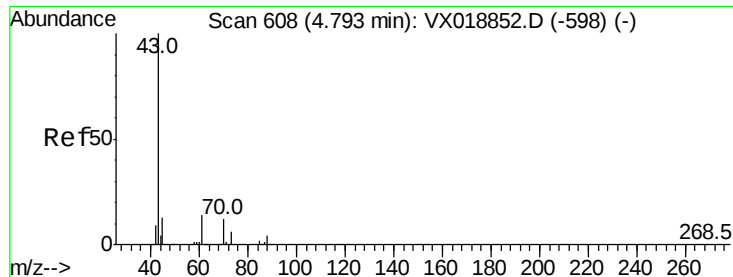
Tot Ion:113 Resp: 132061
 Ion Ratio Lower Upper
 113 100
 111 101.2 80.1 120.1
 192 21.3 16.0 24.0



#36
 1,1-Dichloropropene
 Concen: 51.415 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX018898.D
 Acq: 12 Oct 2020 12:35

Tgt Ion: 75 Resp: 203073
 Ion Ratio Lower Upper
 75 100
 110 35.1 17.8 53.5
 77 30.0 24.2 36.4

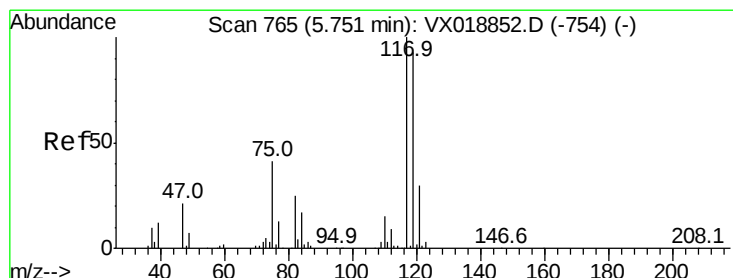
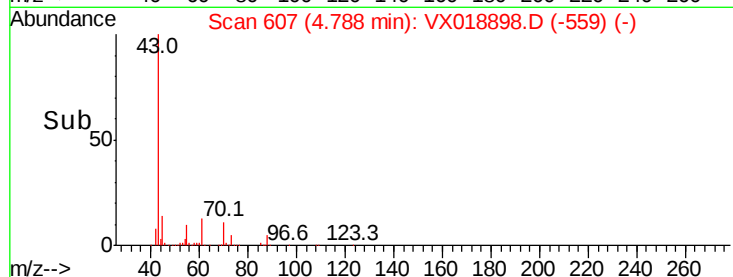
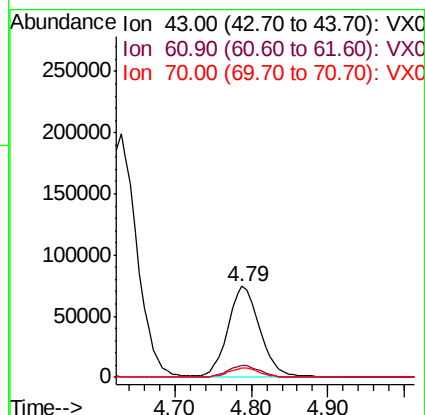
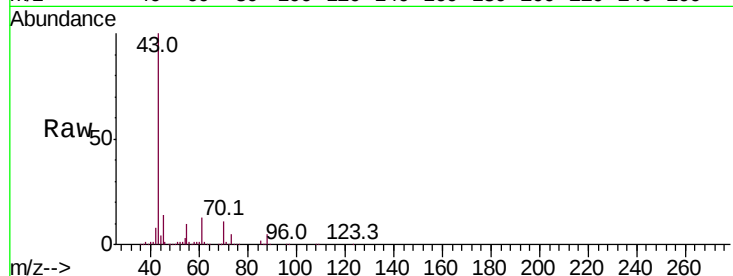




#37
Ethyl Acetate
Concen: 56.170 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

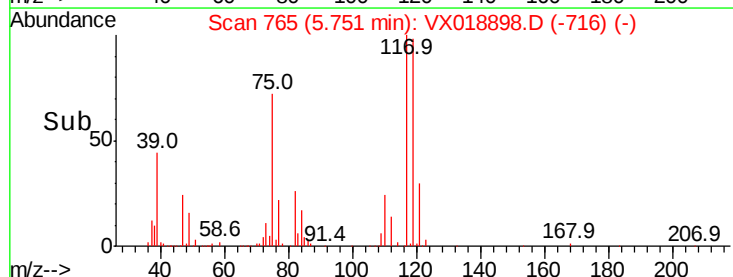
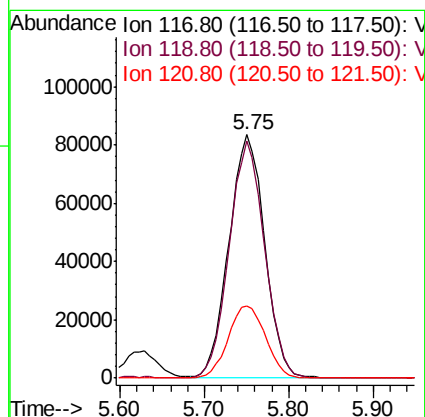
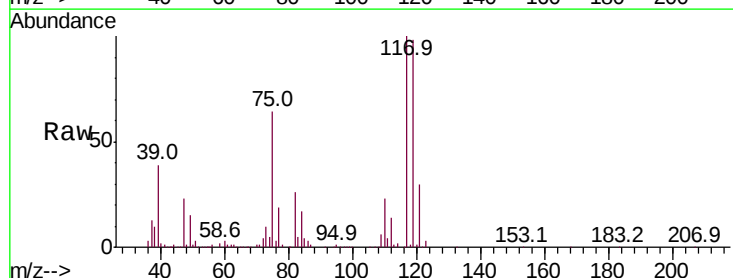
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

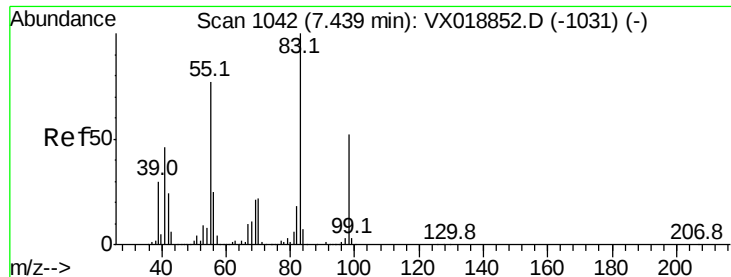
Tot Ion: 43 Resp: 214244
Ion Ratio Lower Upper
43 100
61 13.1 10.9 16.3
70 10.6 8.6 13.0



#38
Carbon Tetrachloride
Concen: 49.166 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Tgt Ion: 117 Resp: 240690
Ion Ratio Lower Upper
117 100
119 97.5 73.9 110.9
121 29.5 23.6 35.4

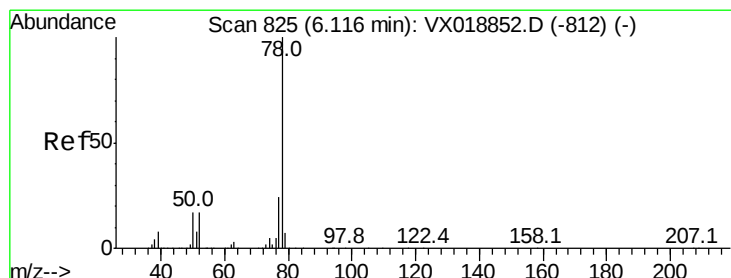
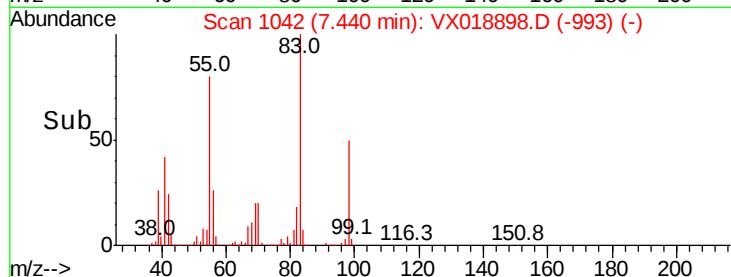
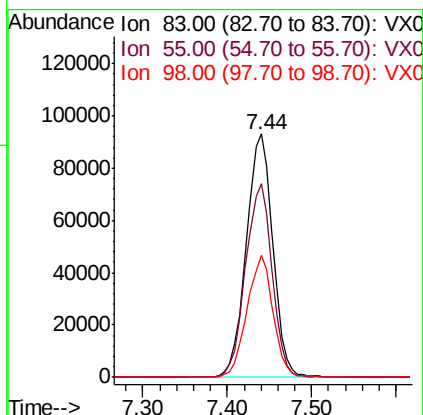
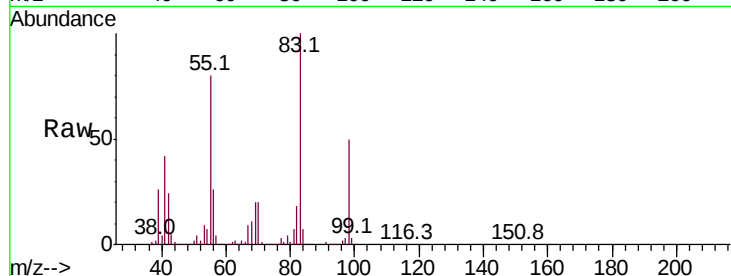




#39
Methvlcvclohexane
Concen: 54.179 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

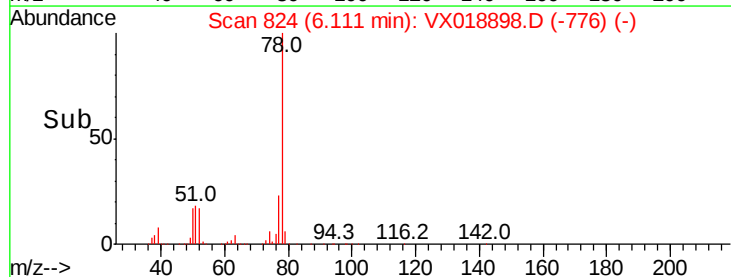
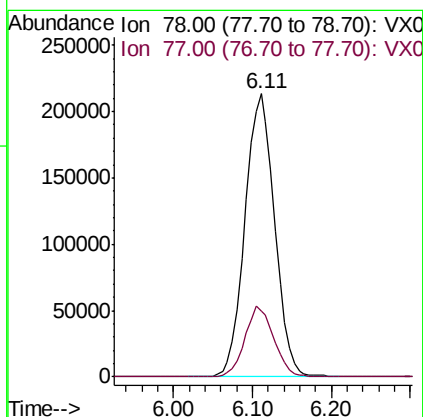
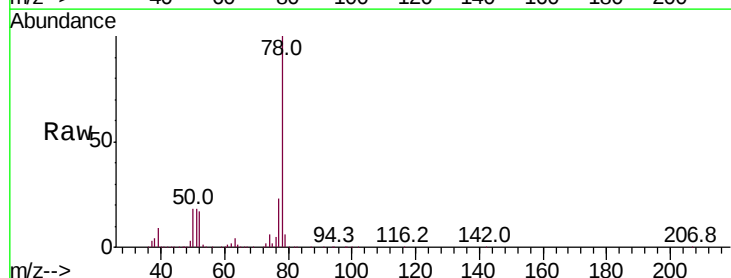
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

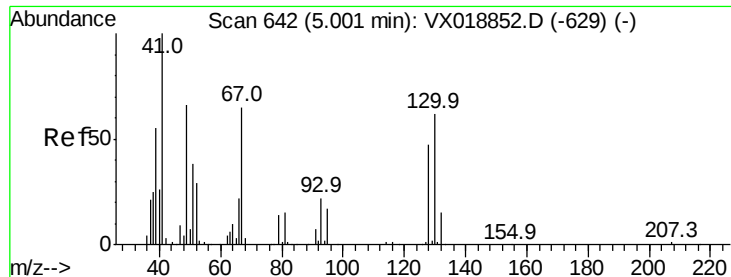
Tot Ion: 83 Resp: 197262
Ion Ratio Lower Upper
83 100
55 79.5 61.8 92.6
98 49.8 41.4 62.0



#40
Benzene
Concen: 52.384 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Tgt Ion: 78 Resp: 555863
Ion Ratio Lower Upper
78 100
77 23.3 19.1 28.7

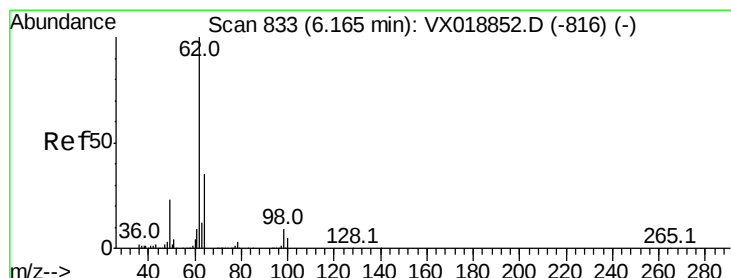
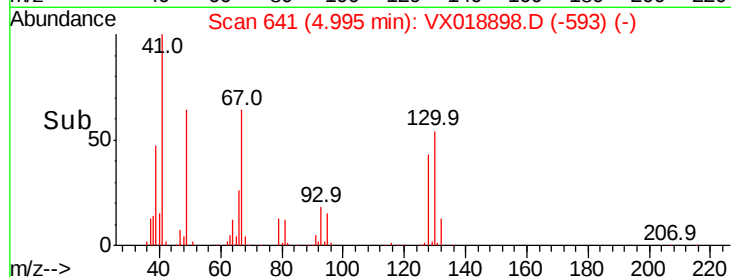
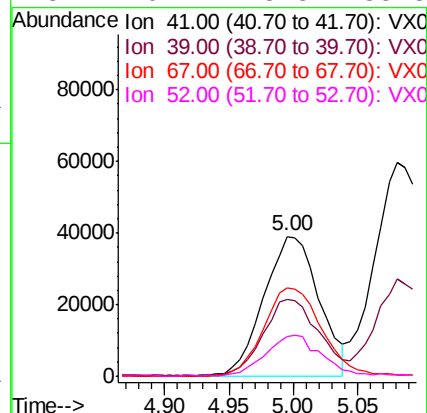
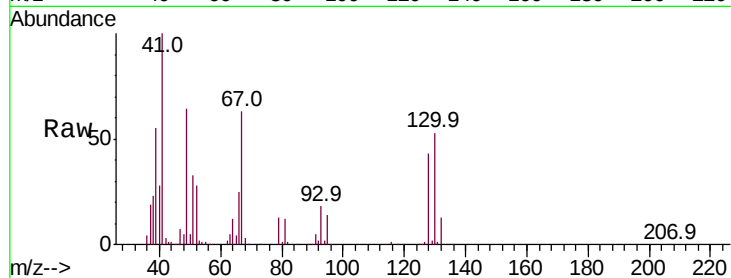




#41
Methacrylonitrile
Concen: 52.348 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

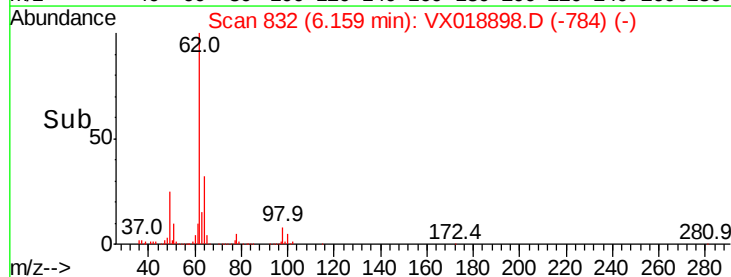
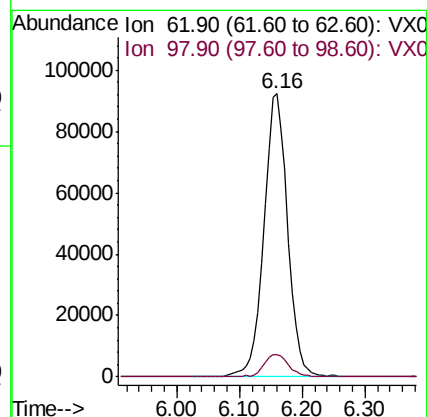
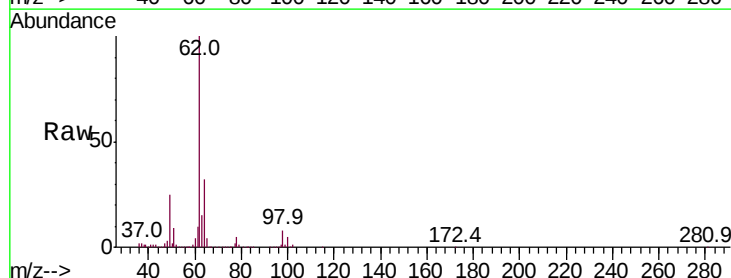
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

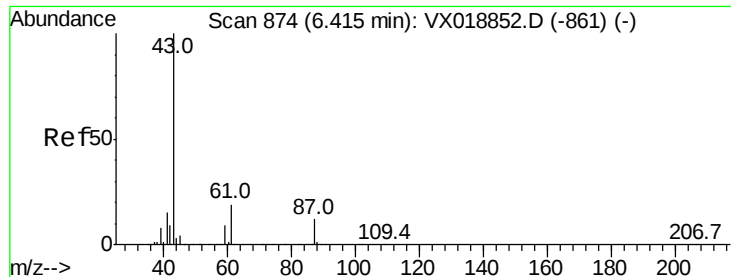
Tot Ion:	41	Resp:	115828
Ion	Ratio	Lower	Upper
41	100		
39	57.1	45.4	68.2
67	67.4	55.4	83.2
52	29.1	23.8	35.8



#42
1,2-Dichloroethane
Concen: 48.163 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Tgt Ion:	62	Resp:	239605
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.4



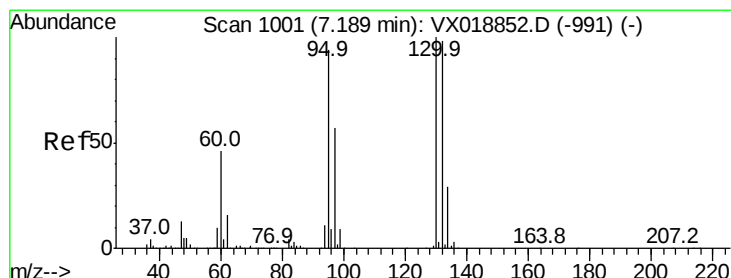
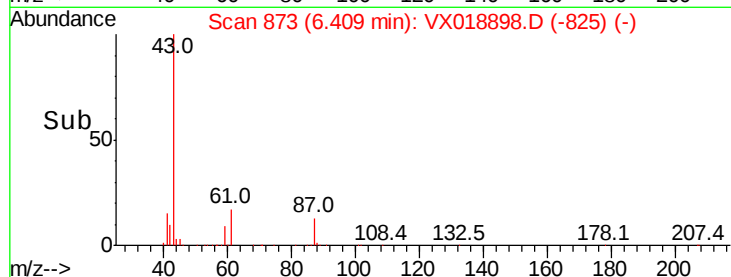
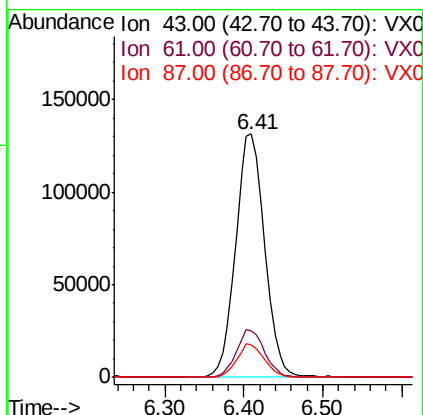
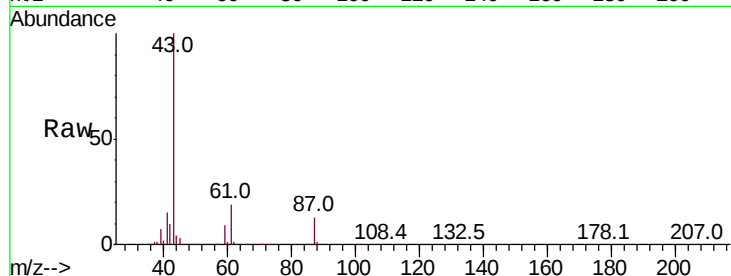


#43

Isopropyl Acetate
 Concen: 52.835 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018898.D
 Acq: 12 Oct 2020 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

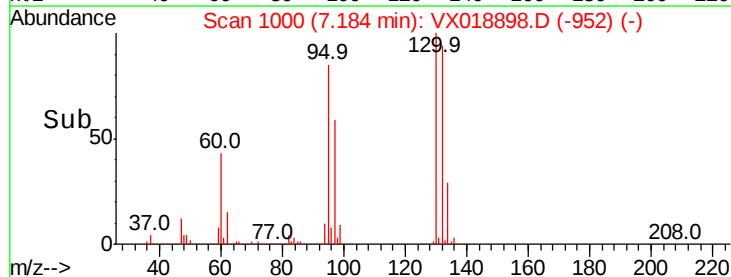
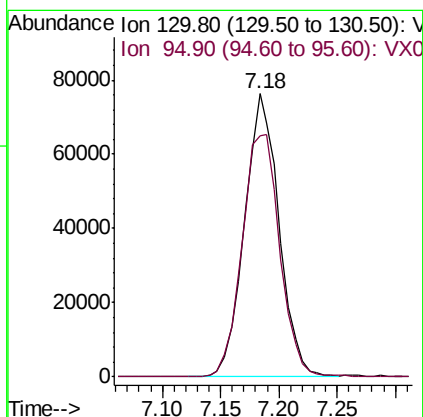
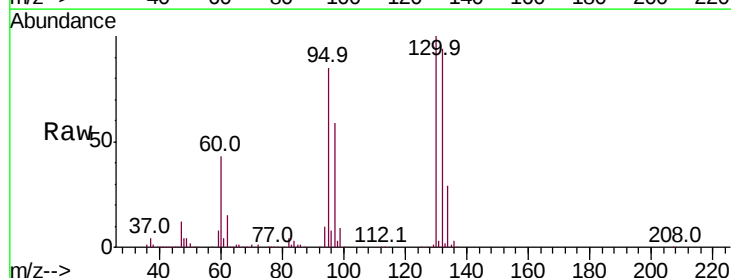
Tot Ion: 43 Resp: 334910
 Ion Ratio Lower Upper
 43 100
 61 19.5 15.5 23.3
 87 13.0 10.8 16.2

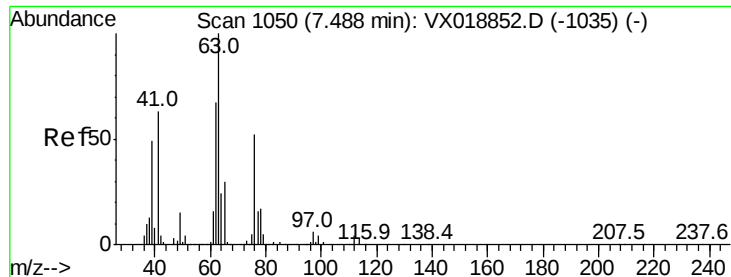


#44

Trichloroethene
 Concen: 49.324 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX018898.D
 Acq: 12 Oct 2020 12:35

Tgt Ion:130 Resp: 156964
 Ion Ratio Lower Upper
 130 100
 95 85.1 0.0 188.4





#45

1,2-Dichloropropane

Concen: 53.159 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

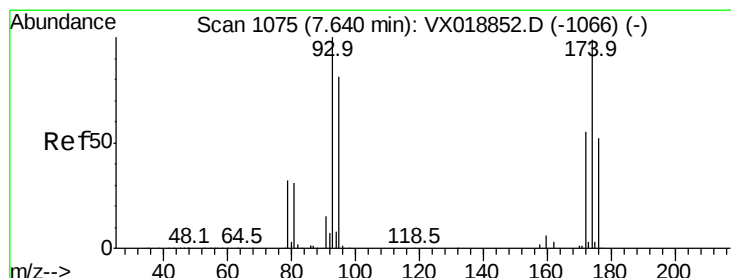
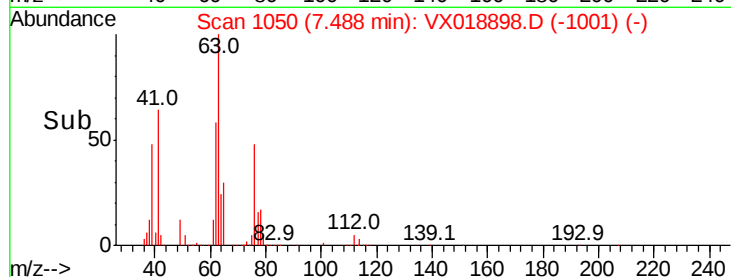
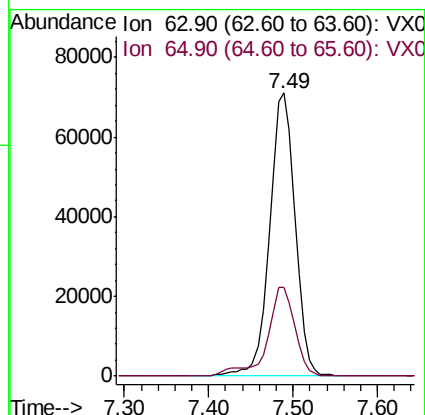
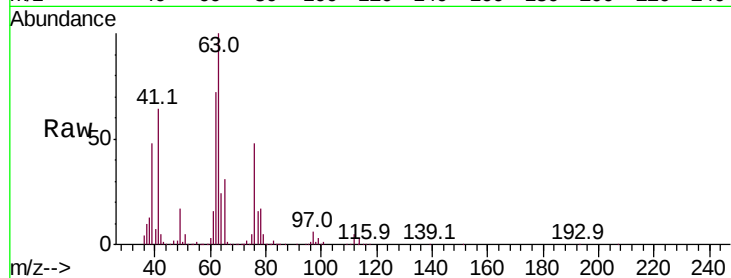
VSTDCCC050

Tot Ion: 63 Resp: 149257

Ion Ratio Lower Upper

63 100

65 31.2 24.2 36.4



#46

Dibromomethane

Concen: 49.328 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

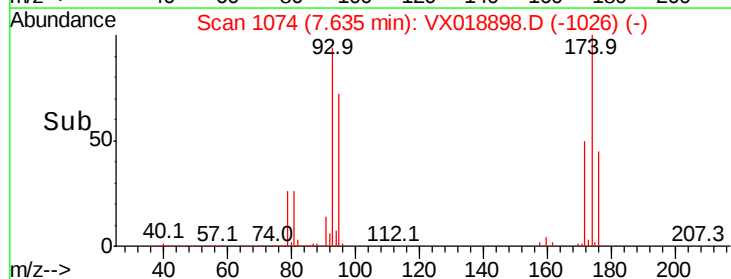
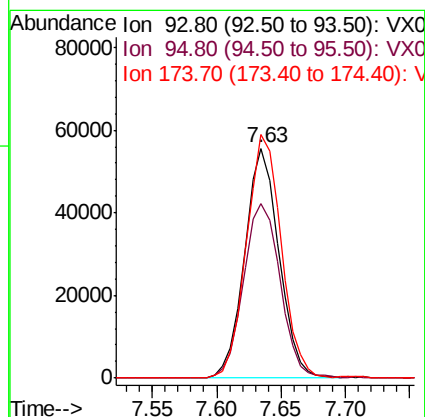
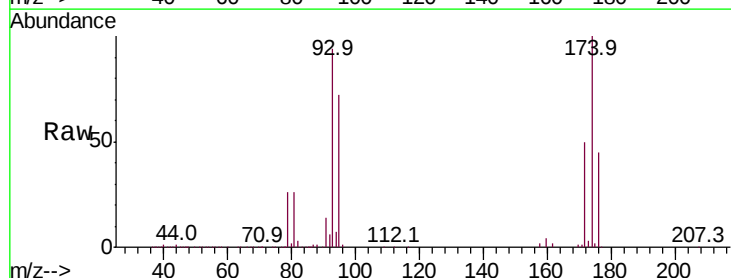
Tgt Ion: 93 Resp: 102352

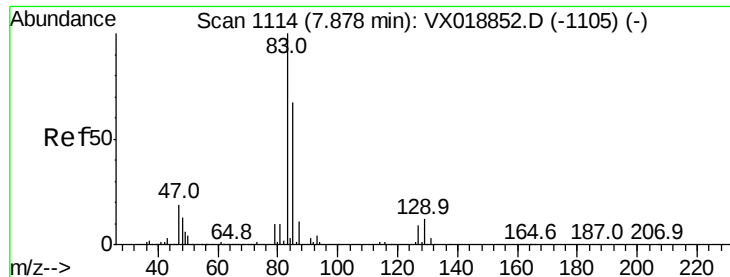
Ion Ratio Lower Upper

93 100

95 81.8 66.1 99.1

174 107.7 84.6 127.0





#47

Bromodichloromethane

Concen: 50.915 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

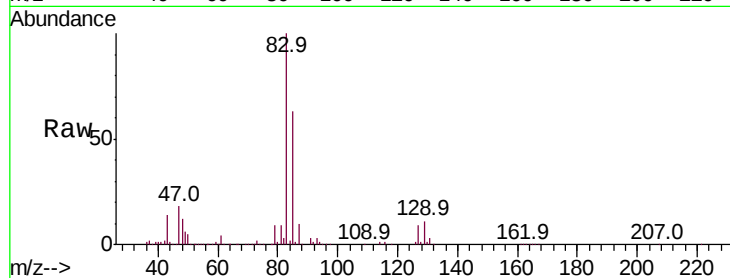
Tot Ion: 83 Resp: 228933

Ion Ratio Lower Upper

83 100

85 62.7 53.8 80.6

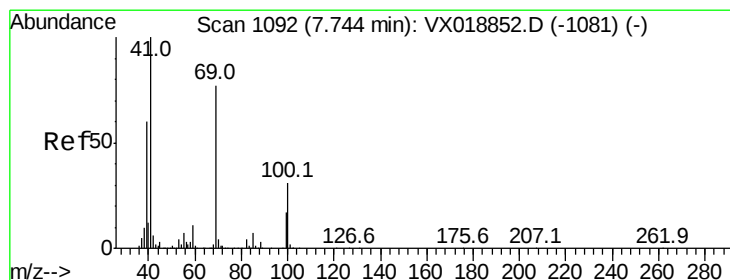
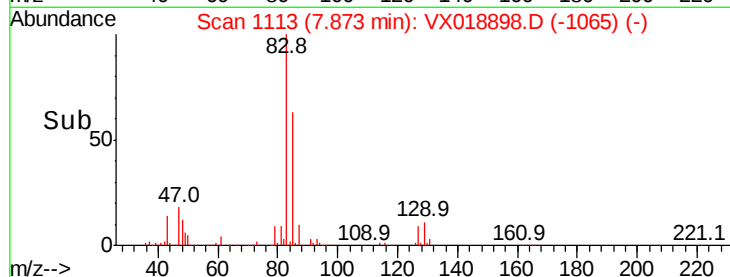
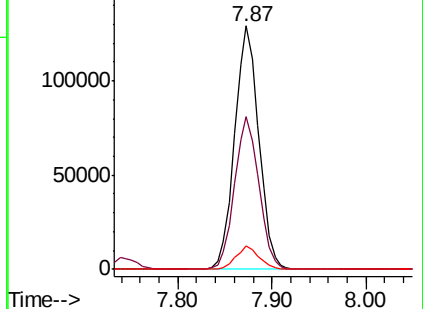
127 9.4 7.5 11.3



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: 54.623 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

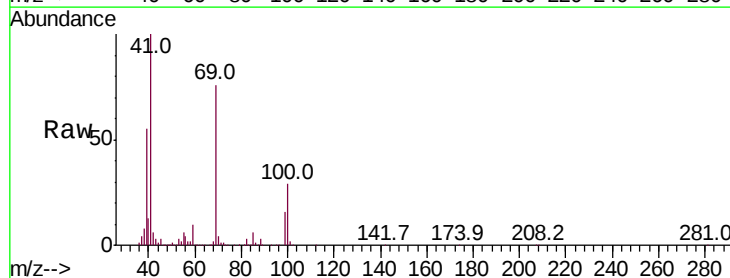
Tgt Ion: 41 Resp: 175689

Ion Ratio Lower Upper

41 100

69 78.9 64.6 97.0

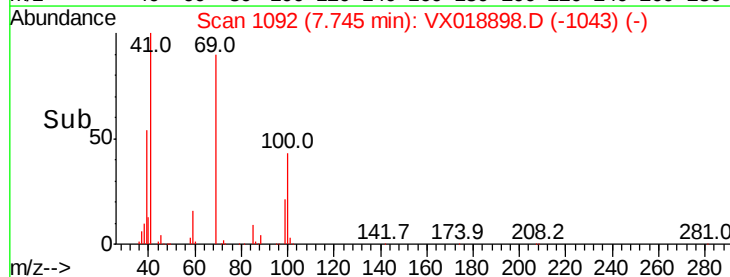
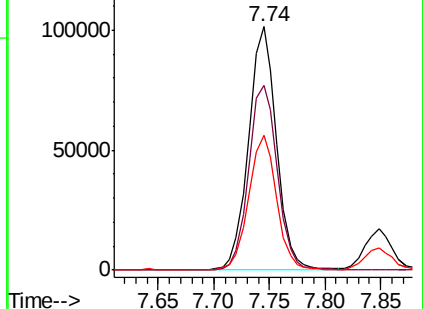
39 55.2 48.6 73.0

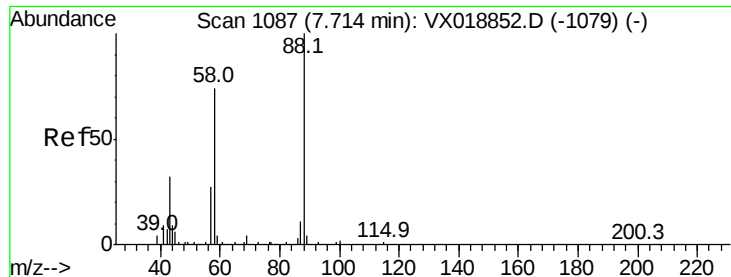


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

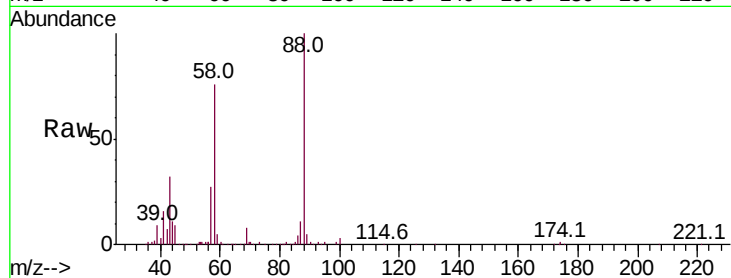




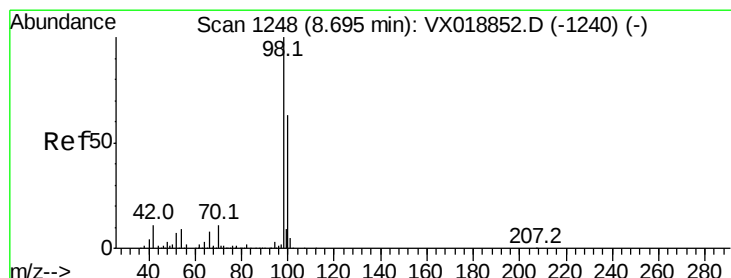
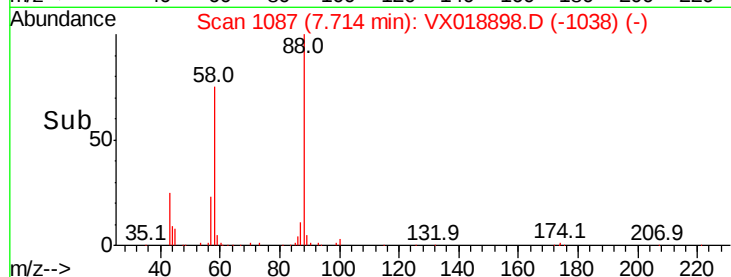
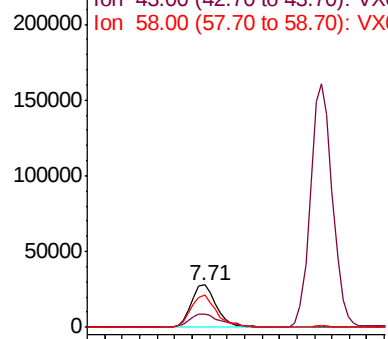
#49
1,4-Dioxane
Concen: 1251.927 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 56461
Ion Ratio Lower Upper
88 100
43 39.2 31.0 46.6
58 75.7 59.3 88.9

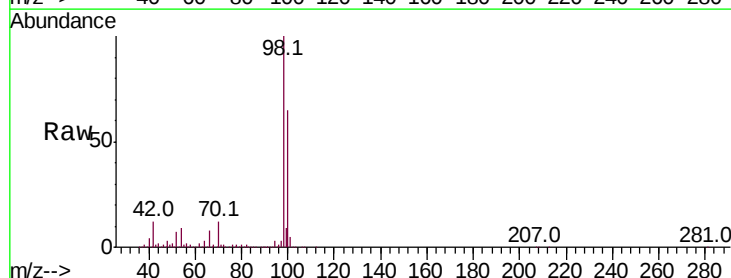


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

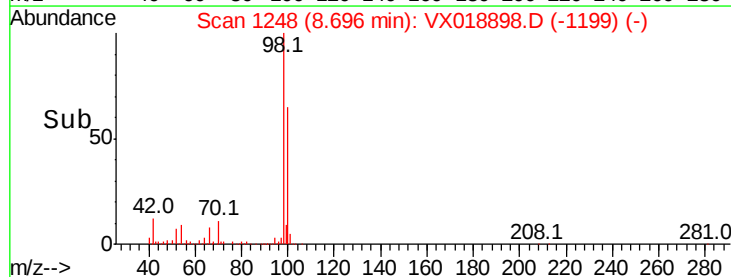
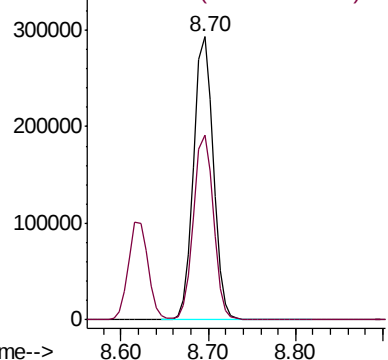


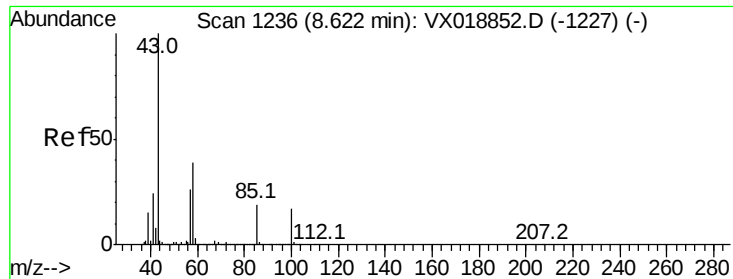
#50
Toluene-d8
Concen: 49.239 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Tgt Ion: 98 Resp: 457263
Ion Ratio Lower Upper
98 100
100 66.2 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: 267.393 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

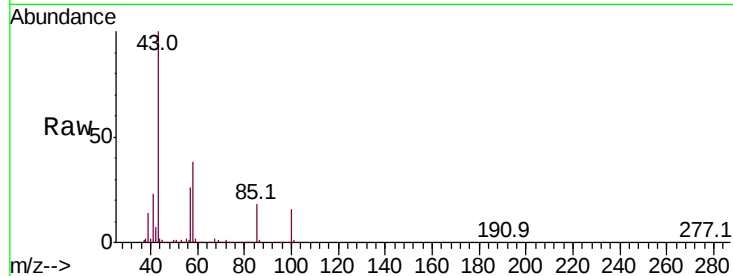
VSTDCCC050

Tot Ion: 43 Resp: 989273

Ion Ratio Lower Upper

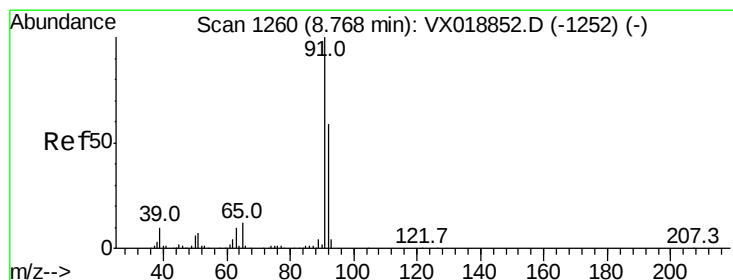
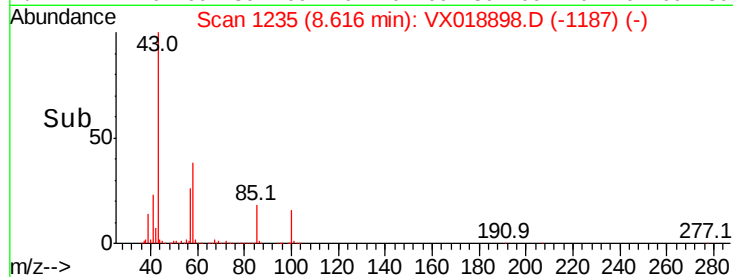
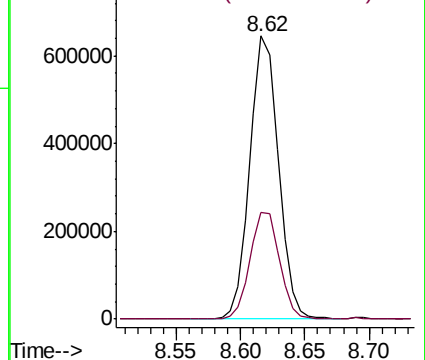
43 100

58 38.7 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: 51.834 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018898.D

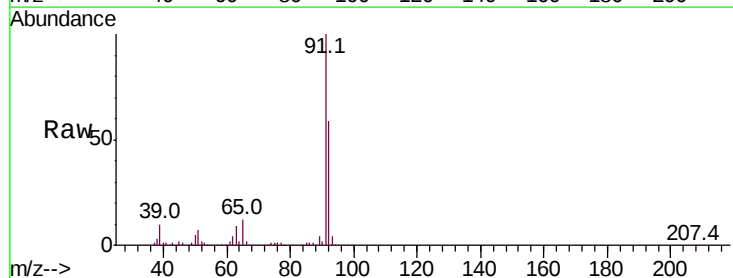
Acq: 12 Oct 2020 12:35

Tgt Ion: 92 Resp: 352974

Ion Ratio Lower Upper

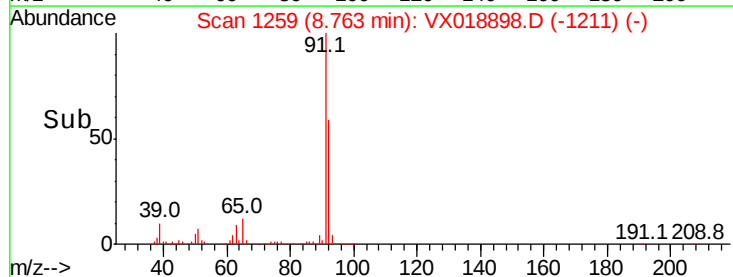
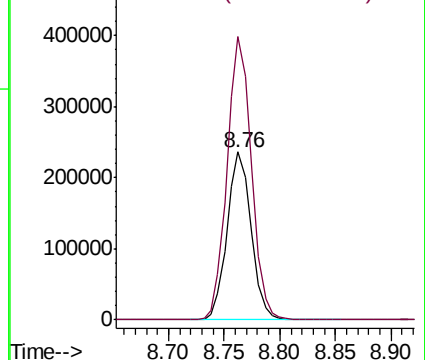
92 100

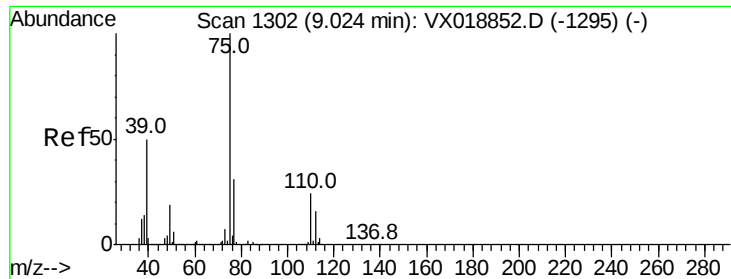
91 170.6 138.2 207.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

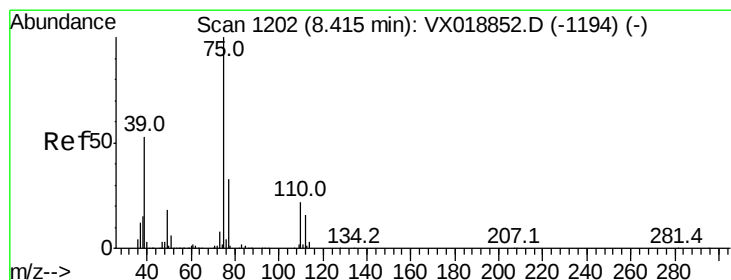
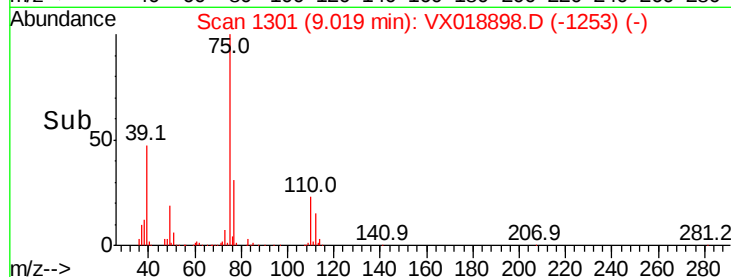
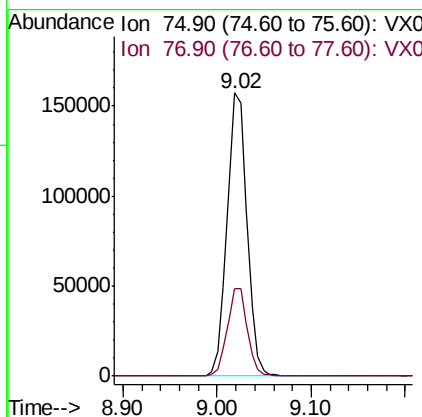
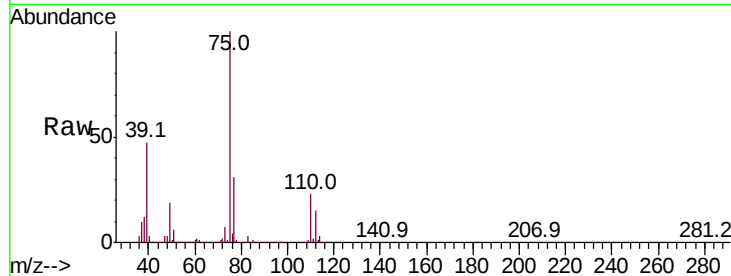




#53
 t-1,3-Dichloropropene
 Concen: 49.805 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VX018898.D
 Acq: 12 Oct 2020 12:35

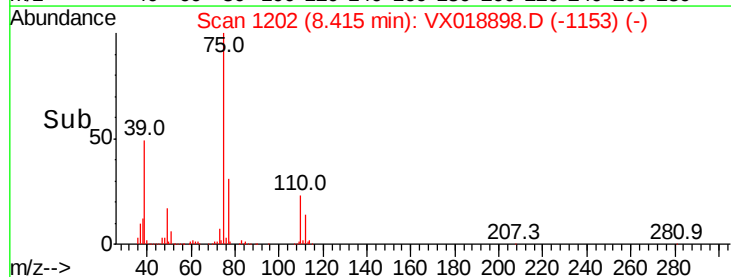
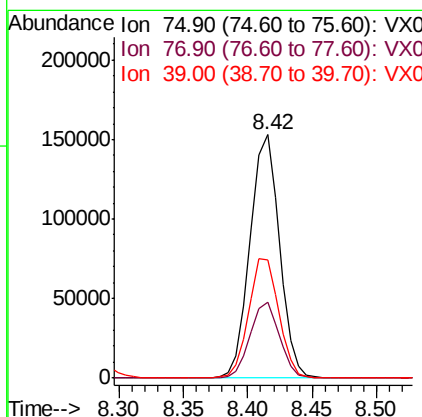
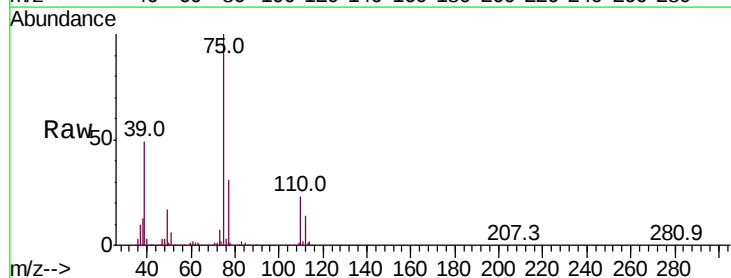
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

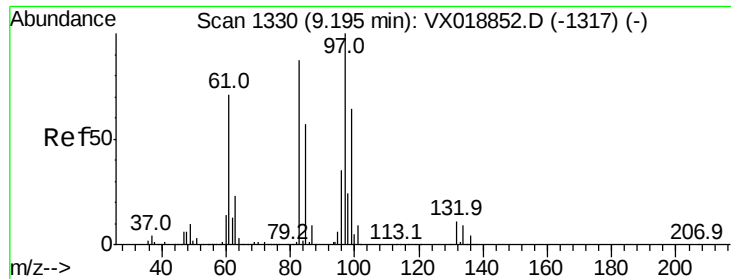
Tot Ion: 75 Resp: 231880
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 50.395 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX018898.D
 Acq: 12 Oct 2020 12:35

Tgt Ion: 75 Resp: 241361
 Ion Ratio Lower Upper
 75 100
 77 31.2 26.6 39.8
 39 48.5 42.6 64.0

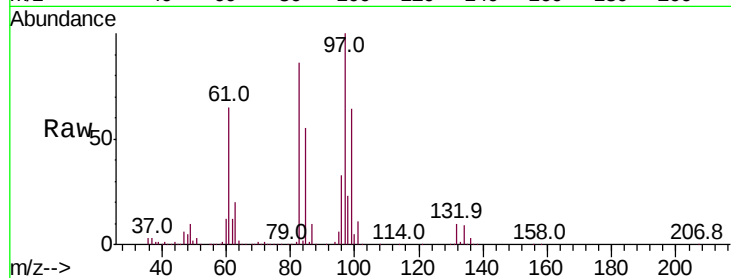




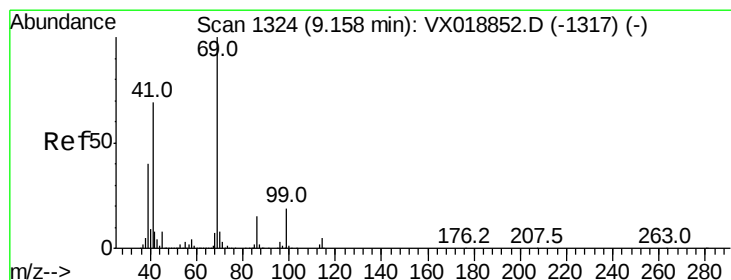
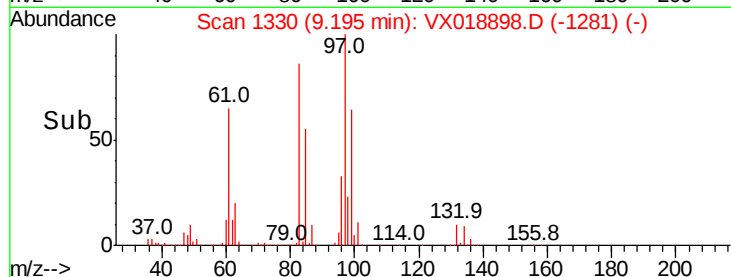
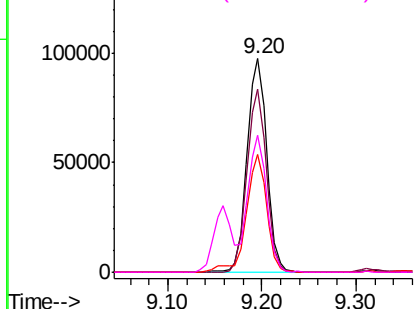
#55
 1,1,2-Trichloroethane
 Concen: 49.082 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018898.D
 Acq: 12 Oct 2020 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	143567
Ion	Ratio	Lower	Upper
97	100		
83	85.8	69.3	103.9
85	55.3	45.3	67.9
99	64.3	51.0	76.6

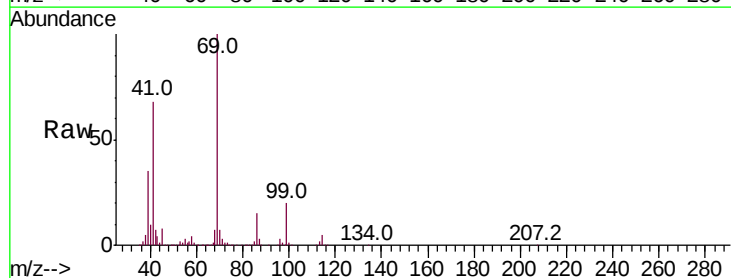


Abundance Ion 96.90 (96.60 to 97.60): VX0
 150000 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

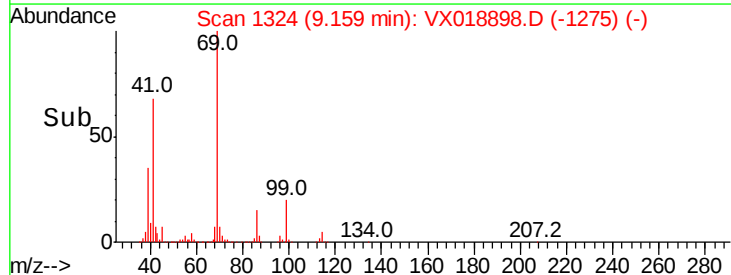
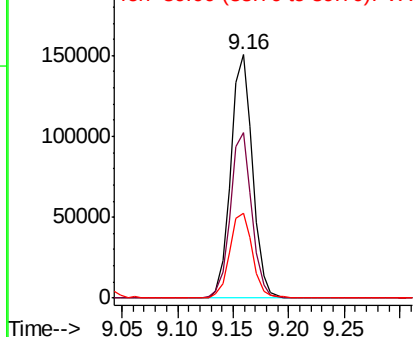


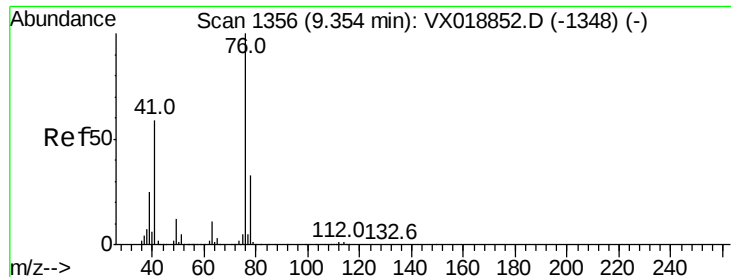
#56
 Ethyl methacrylate
 Concen: 47.641 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018898.D
 Acq: 12 Oct 2020 12:35

Tgt Ion:	69	Resp:	202796
Ion	Ratio	Lower	Upper
69	100		
41	66.7	54.6	81.8
39	36.5	31.5	47.3



Abundance Ion 69.00 (68.70 to 69.70): VX0
 200000 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 51.547 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

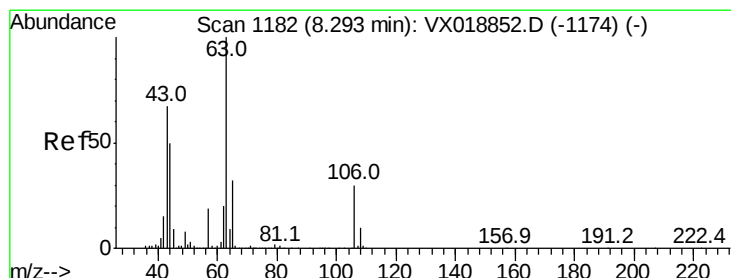
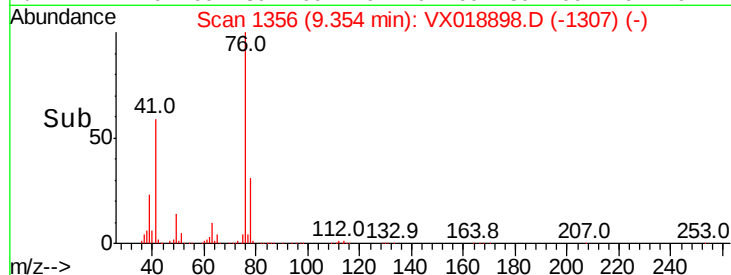
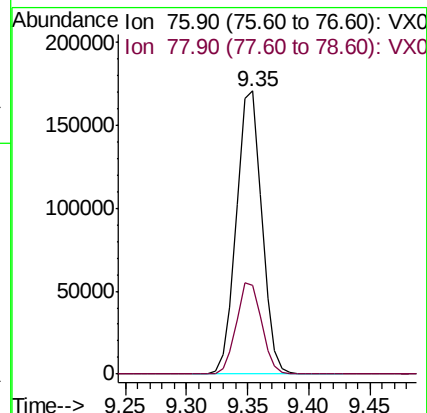
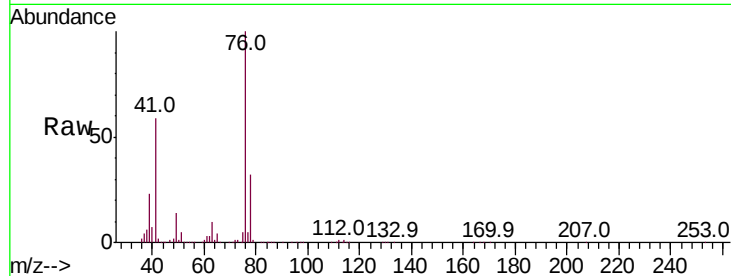
VSTDCCC050

Tot Ion: 76 Resp: 244650

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 255.103 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018898.D

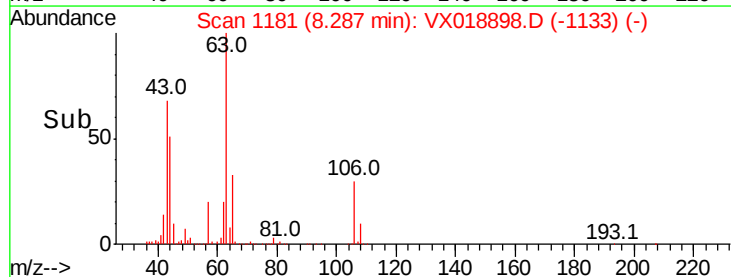
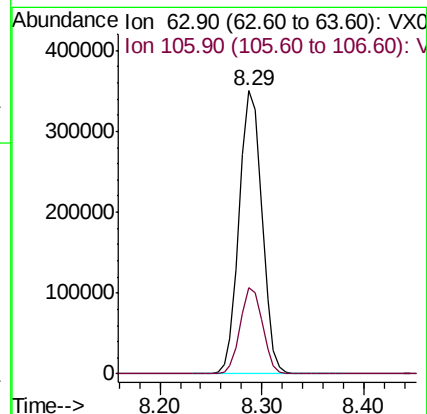
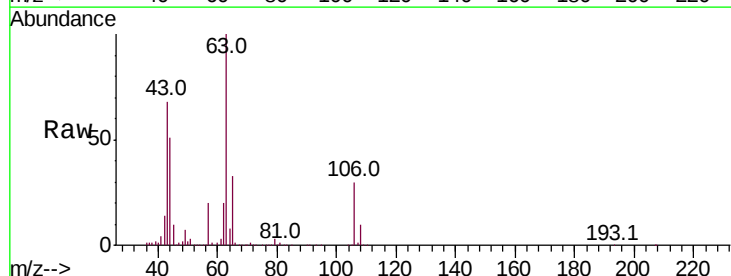
Acq: 12 Oct 2020 12:35

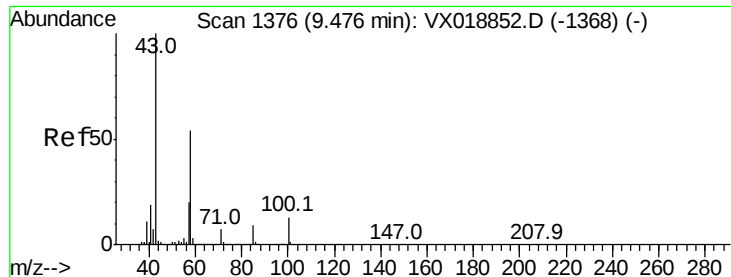
Tgt Ion: 63 Resp: 539874

Ion Ratio Lower Upper

63 100

106 29.8 24.2 36.4





#59

2-Hexanone

Concen: 269.591 ug/l

RT: 9.47 min Scan# 1375

Delta R.T. -0.01 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

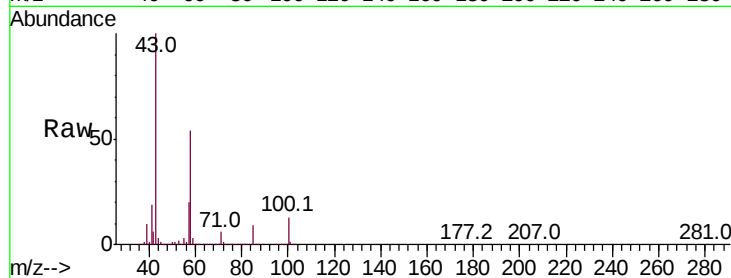
VSTDCCC050

Tot Ion: 43 Resp: 759905

Ion Ratio Lower Upper

43 100

58 53.7 26.7 80.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

600000

500000

400000

300000

200000

100000

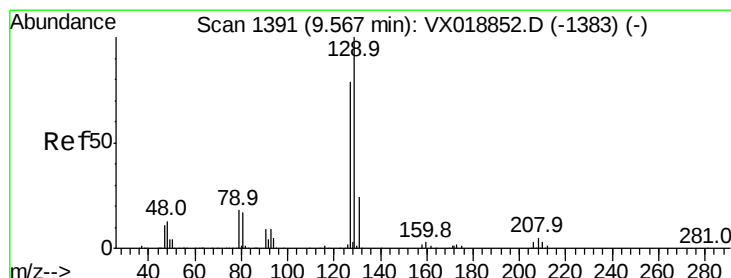
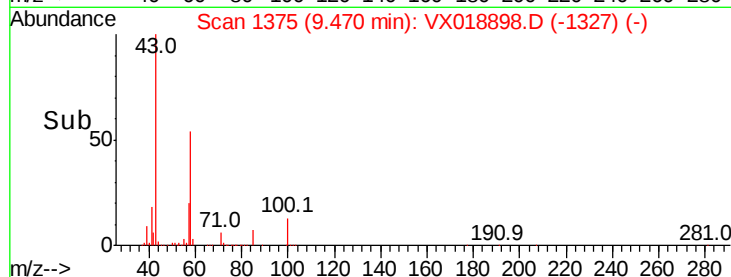
0

9.40

9.50

9.60

Time-->



#60

Dibromochloromethane

Concen: 49.213 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX018898.D

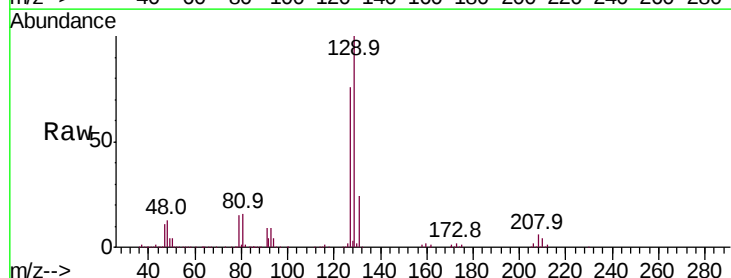
Acq: 12 Oct 2020 12:35

Tgt Ion: 129 Resp: 180700

Ion Ratio Lower Upper

129 100

127 77.5 39.5 118.5



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

150000

100000

50000

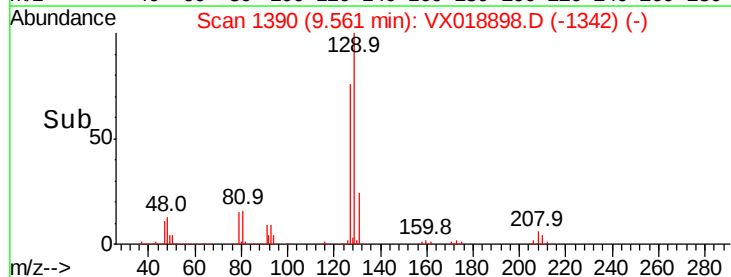
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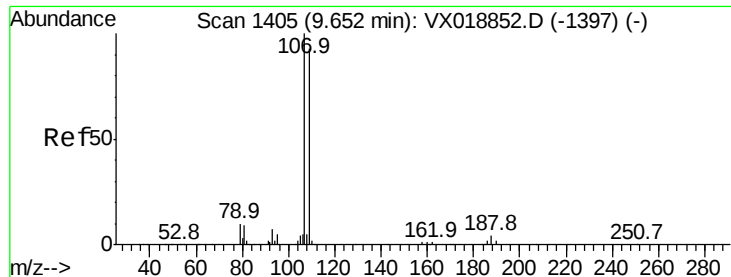
9.50

9.60

9.70

Time-->





#61

1,2-Dibromoethane

Concen: 49.017 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

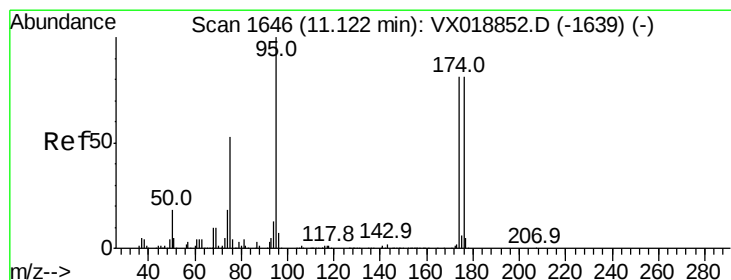
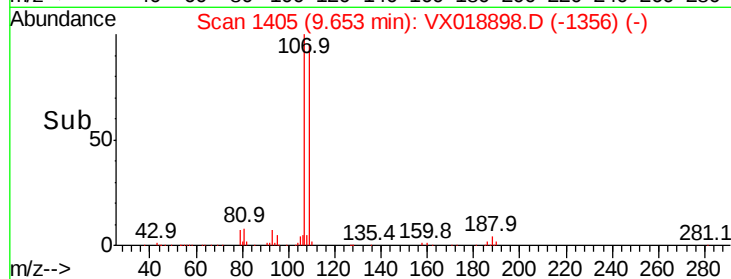
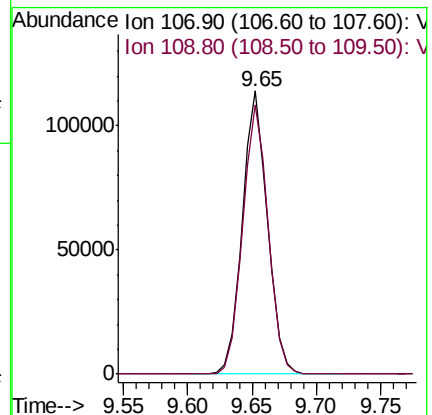
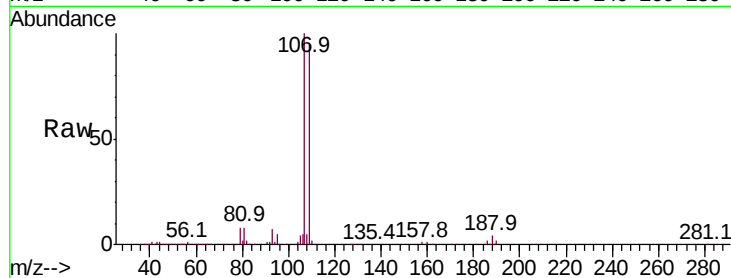
VSTDCCC050

Tot Ion:107 Resp: 153753

Ion Ratio Lower Upper

107 100

109 96.4 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 49.376 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

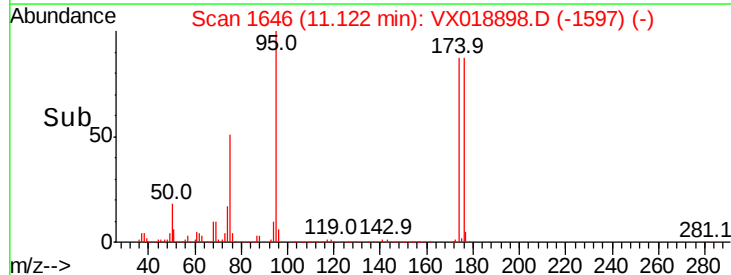
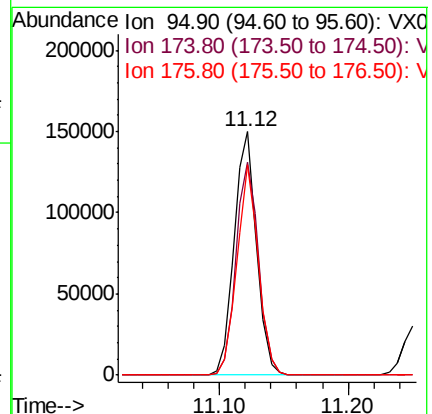
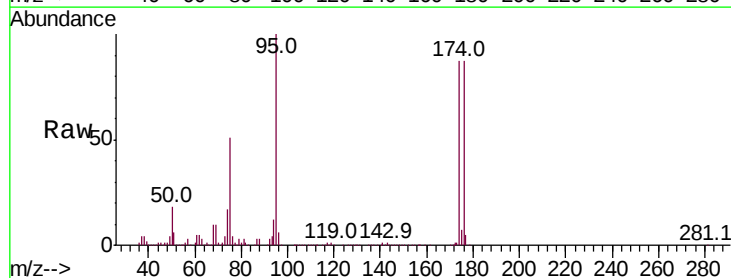
Tgt Ion: 95 Resp: 182749

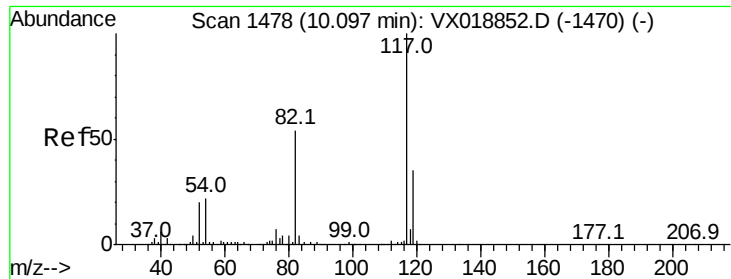
Ion Ratio Lower Upper

95 100

174 88.5 0.0 160.0

176 83.0 0.0 161.2

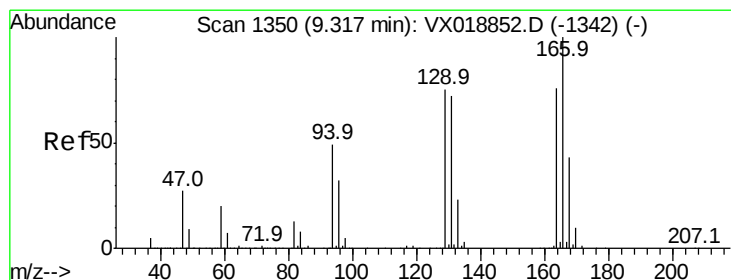
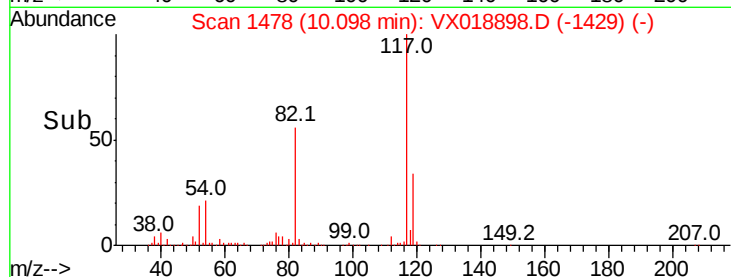
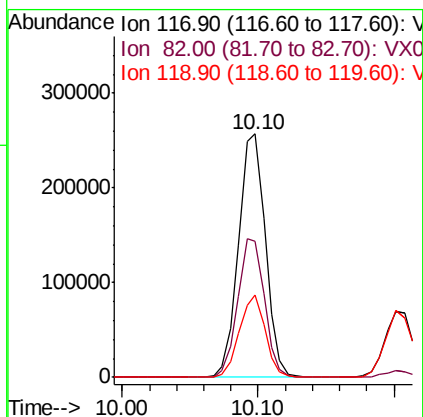
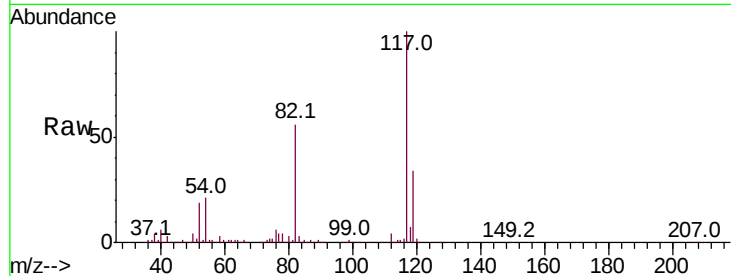




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

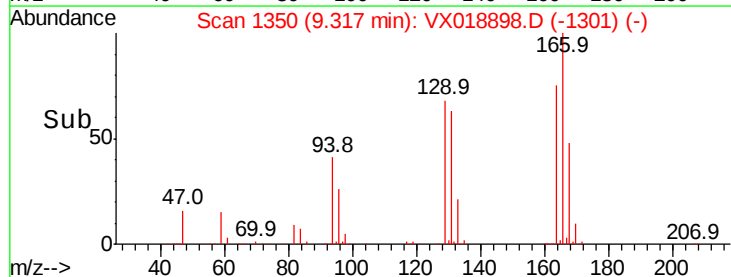
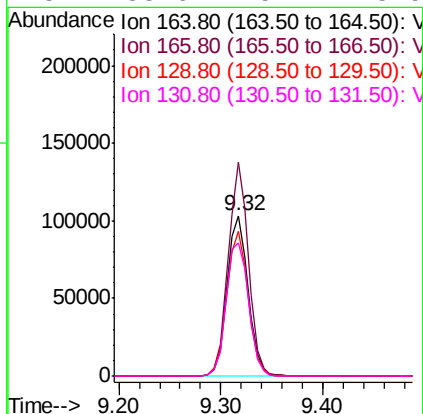
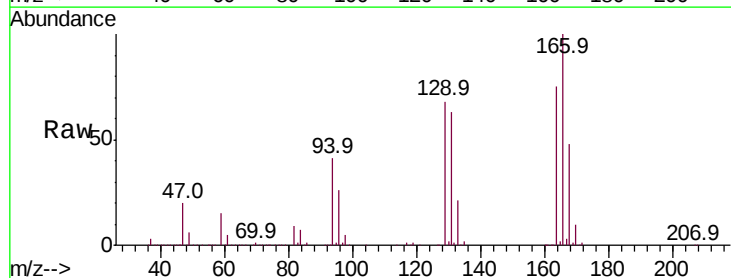
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

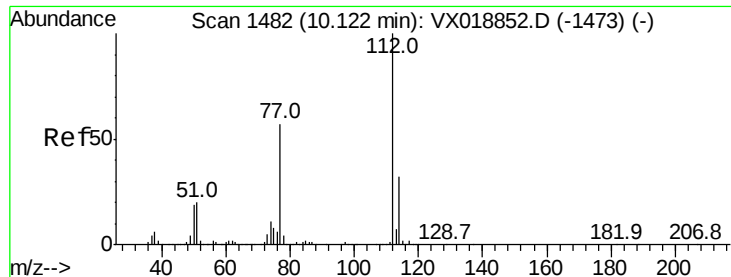
Tot Ion:117 Resp: 355138
Ion Ratio Lower Upper
117 100
82 55.8 43.4 65.2
119 34.1 28.3 42.5



#64
Tetrachloroethene
Concen: 56.506 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Tgt Ion:164 Resp: 146126
Ion Ratio Lower Upper
164 100
166 133.5 105.4 158.0
129 90.7 79.0 118.6
131 83.6 75.7 113.5





#65

Chlorobenzene

Concen: 49.036 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

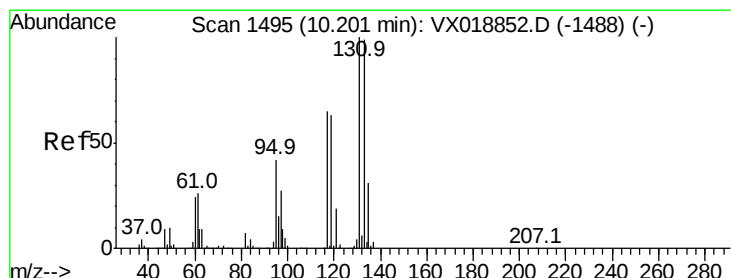
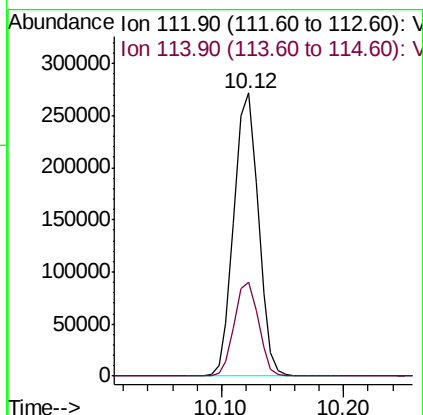
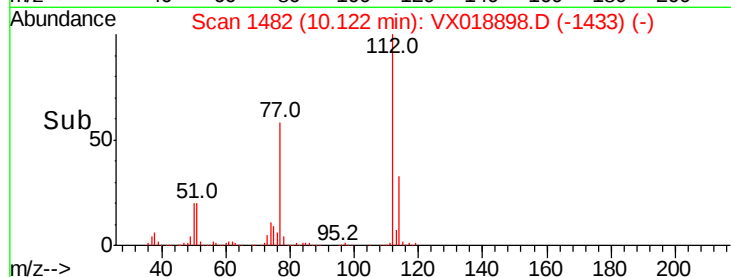
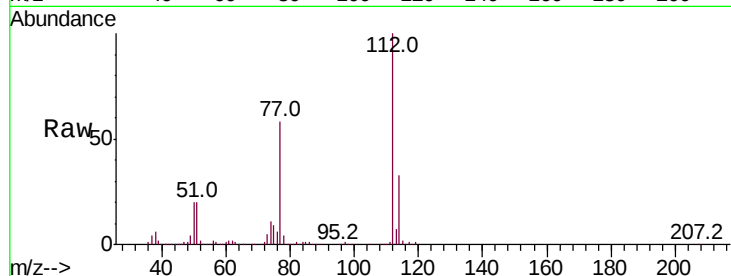
VSTDCCC050

Tot Ion:112 Resp: 376338

Ion Ratio Lower Upper

112 100

114 33.1 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 50.536 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

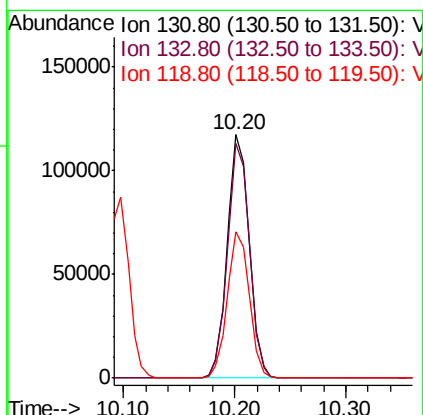
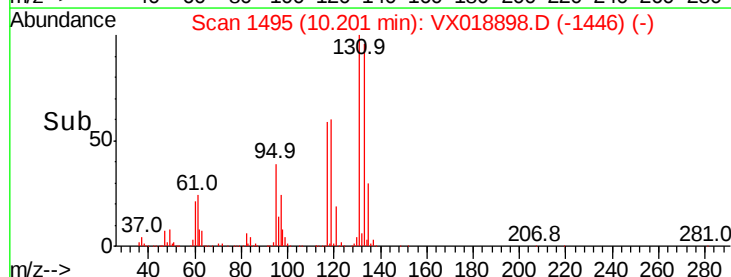
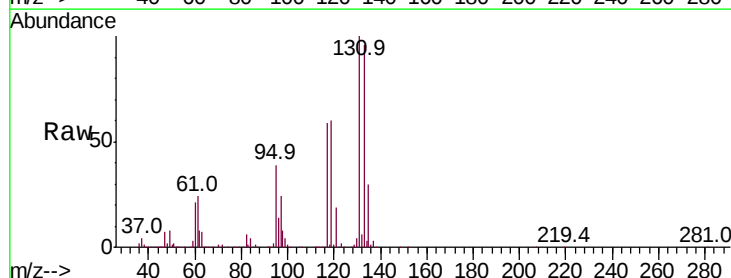
Tgt Ion:131 Resp: 160007

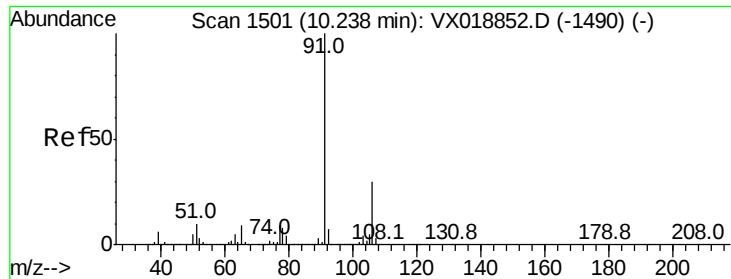
Ion Ratio Lower Upper

131 100

133 97.1 48.6 145.8

119 60.6 31.1 93.3

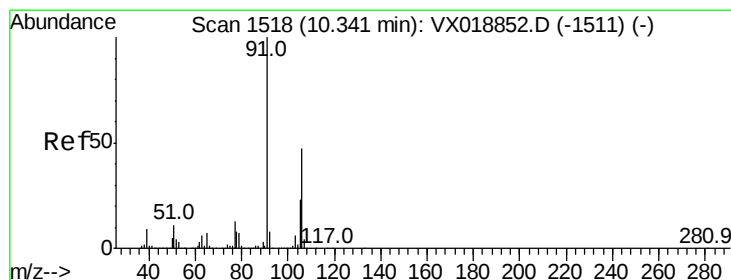
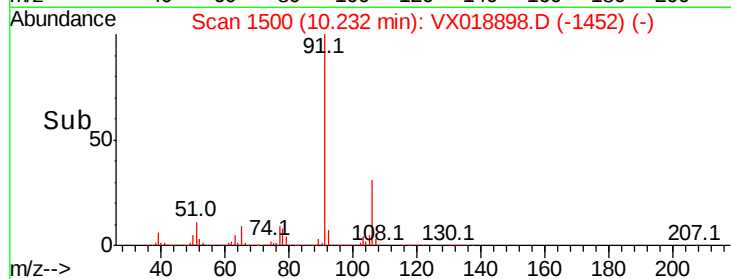
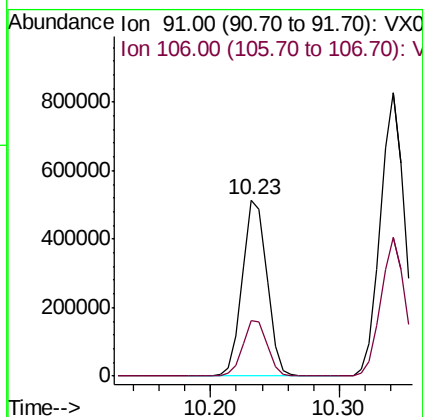
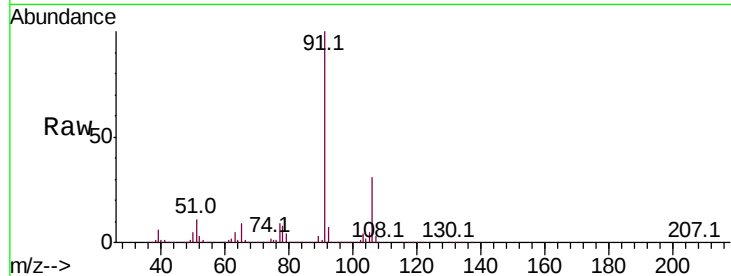




#67
Ethyl Benzene
Concen: 52.444 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

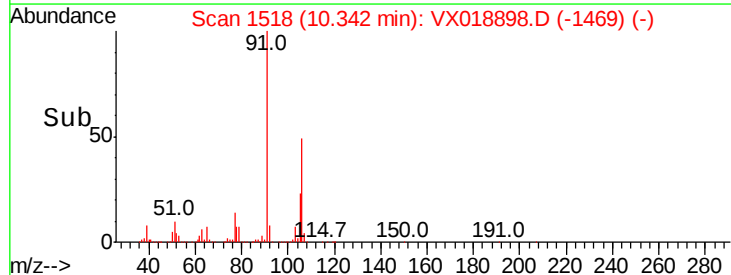
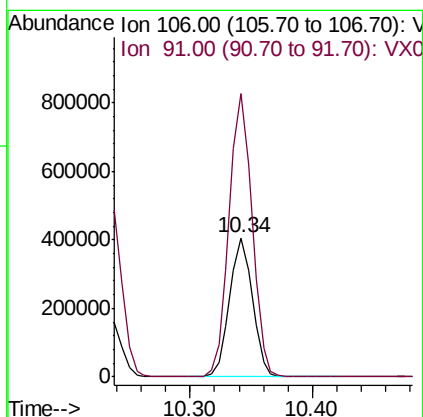
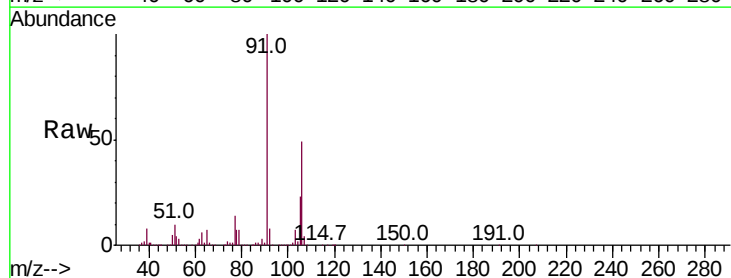
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

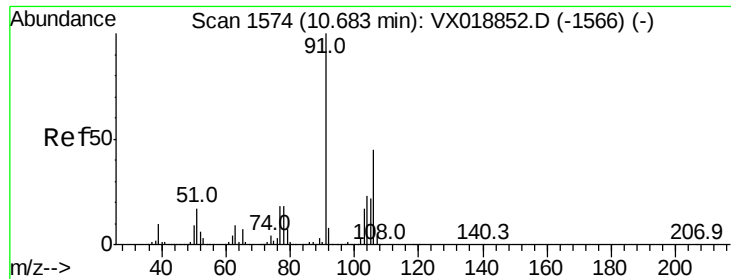
Tot Ion: 91 Resp: 679000
Ion Ratio Lower Upper
91 100
106 31.3 24.0 36.0



#68
m/p-Xylenes
Concen: 106.742 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Tgt Ion: 106 Resp: 525058
Ion Ratio Lower Upper
106 100
91 204.6 165.6 248.4

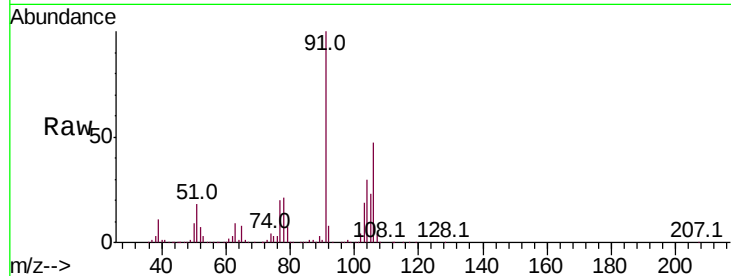




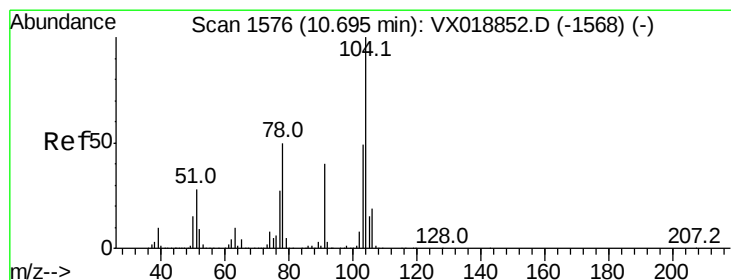
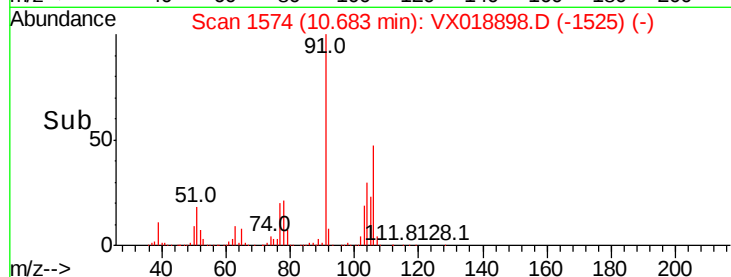
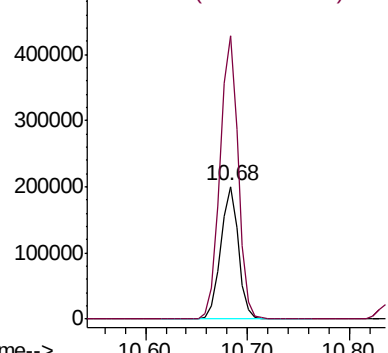
#69
o-Xylene
Concen: 52.117 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 241531
Ion Ratio Lower Upper
106 100
91 219.3 109.9 329.6

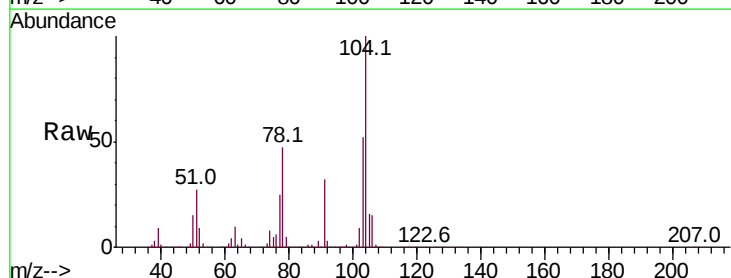


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

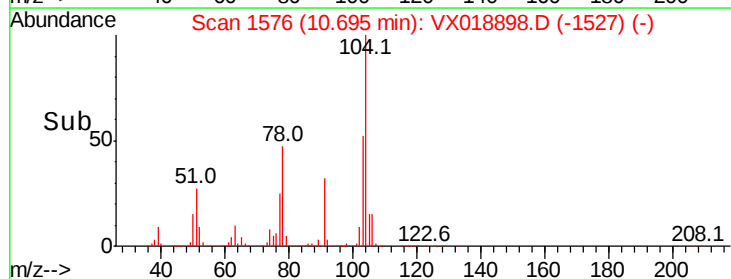
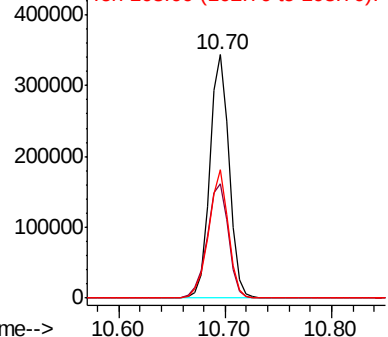


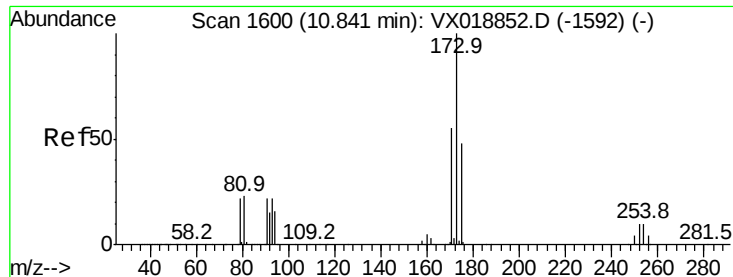
#70
Styrene
Concen: 55.887 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Tgt Ion:104 Resp: 438484
Ion Ratio Lower Upper
104 100
78 52.2 43.5 65.3
103 53.7 43.3 64.9



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





#71

Bromoform

Concen: 49.388 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

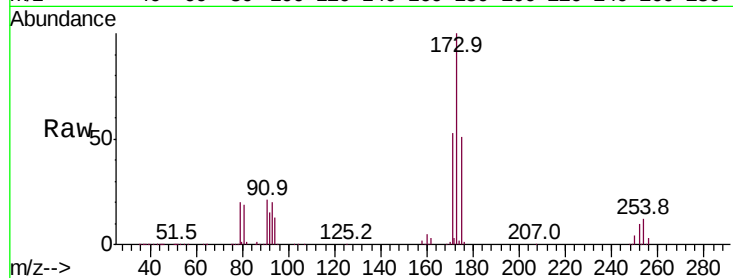
Tot Ion:173 Resp: 135252

Ion Ratio Lower Upper

173 100

175 49.7 23.4 70.0

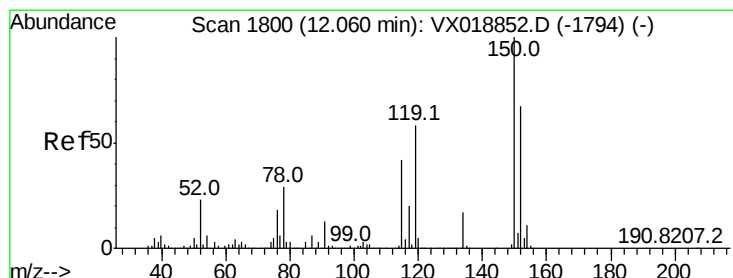
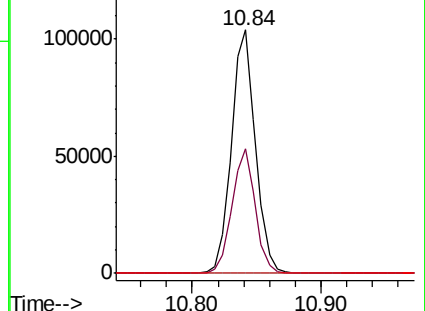
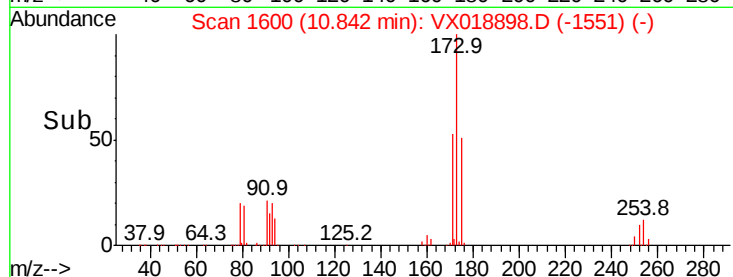
254 0.2 0.0 0.0#



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: VX018898.D

Acq: 12 Oct 2020 12:35

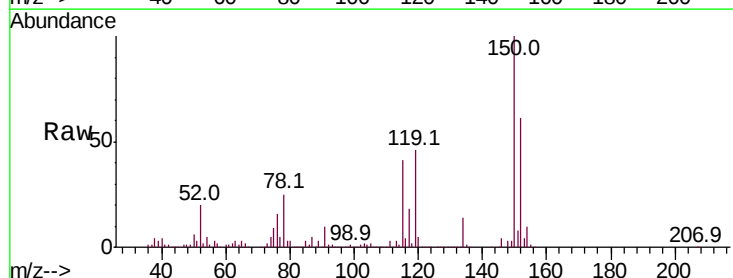
Tgt Ion:152 Resp: 198936

Ion Ratio Lower Upper

152 100

115 82.2 41.8 125.4

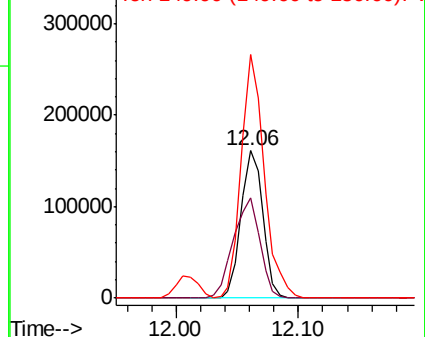
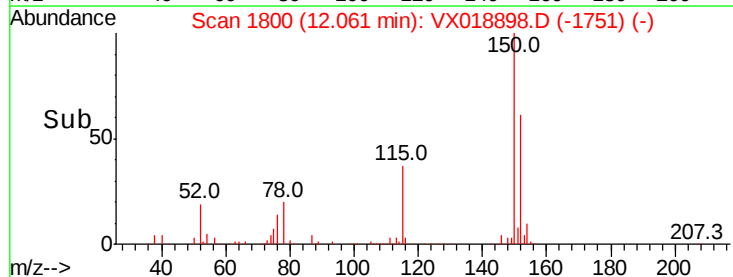
150 173.7 0.0 347.6

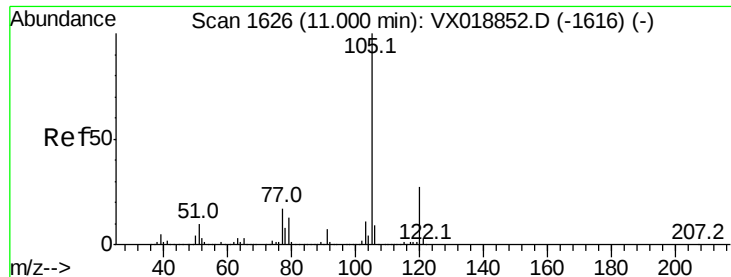


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.514 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

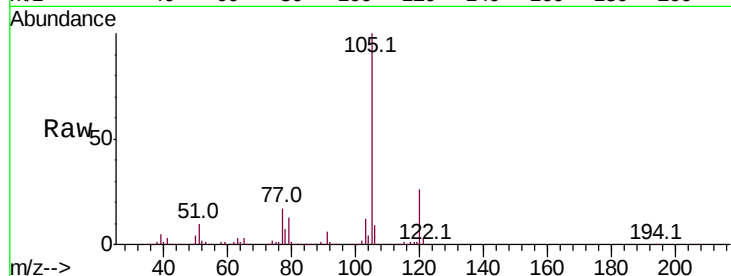
VSTDCCC050

Tot Ion:105 Resp: 683395

Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

600000

500000

400000

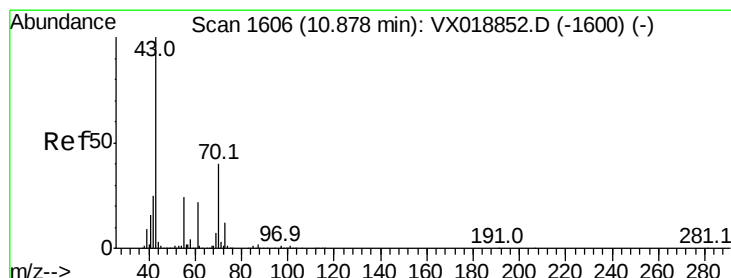
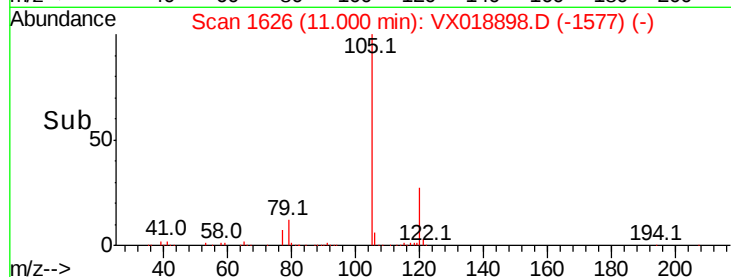
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 53.447 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Tgt Ion: 43 Resp: 275180

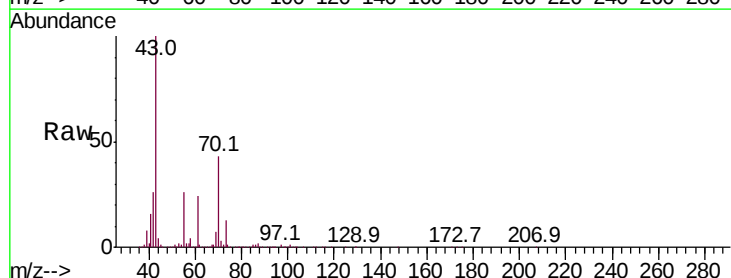
Ion Ratio Lower Upper

43 100

70 42.5 33.7 50.5

55 25.4 19.8 29.8

61 23.5 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

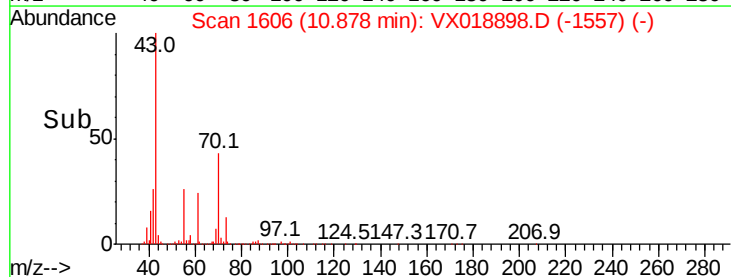
300000

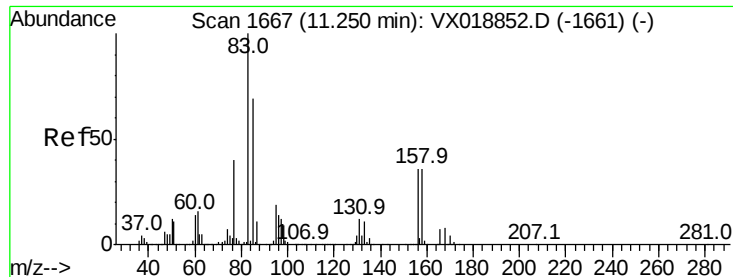
200000

100000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 49.775 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

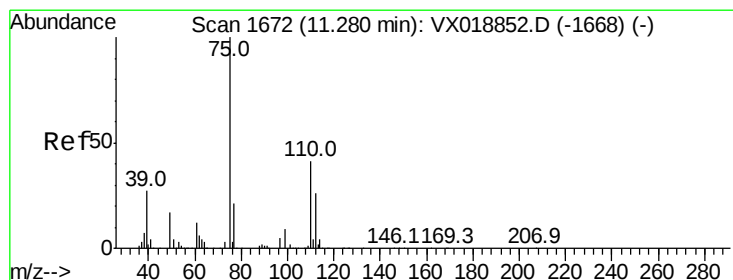
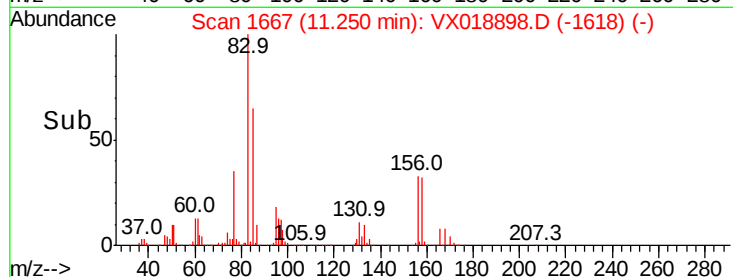
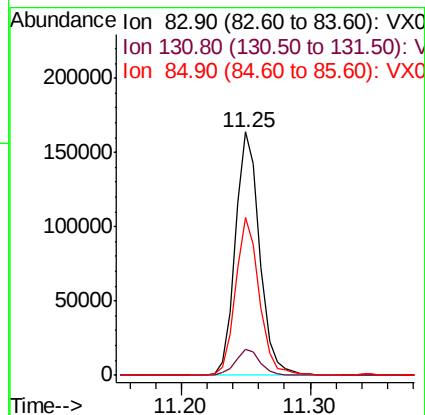
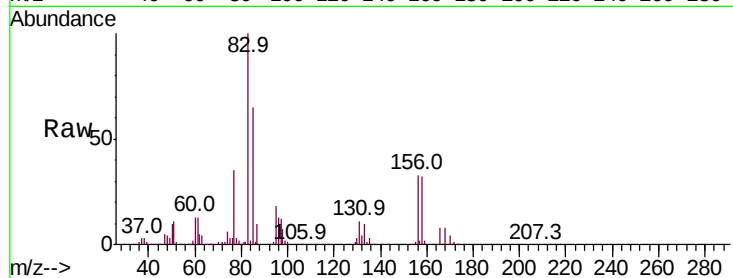
Tot Ion: 83 Resp: 215894

Ion Ratio Lower Upper

83 100

131 10.8 5.9 17.8

85 63.7 33.0 98.9



#76

1,2,3-Trichloropropane

Concen: 62.331 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018898.D

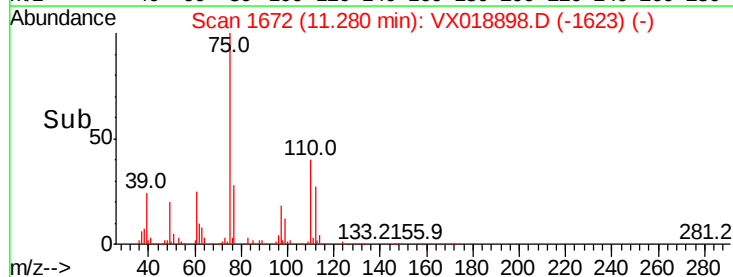
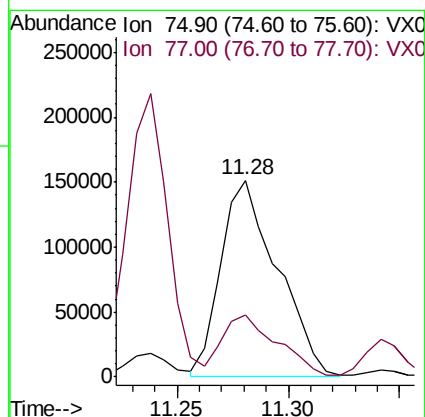
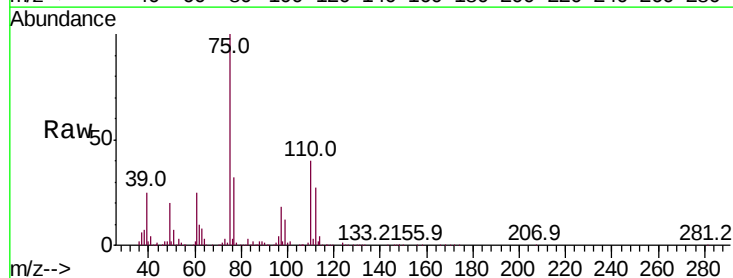
Acq: 12 Oct 2020 12:35

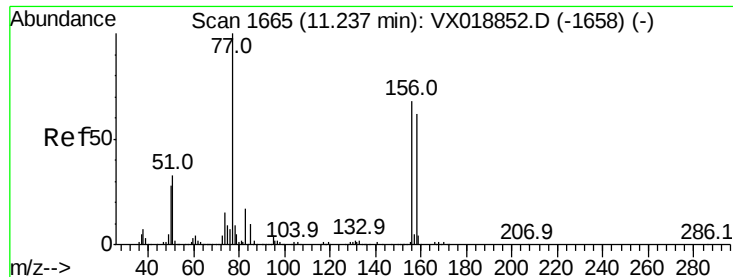
Tgt Ion: 75 Resp: 267178

Ion Ratio Lower Upper

75 100

77 30.9 20.2 60.6





#77

Bromobenzene

Concen: 51.085 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

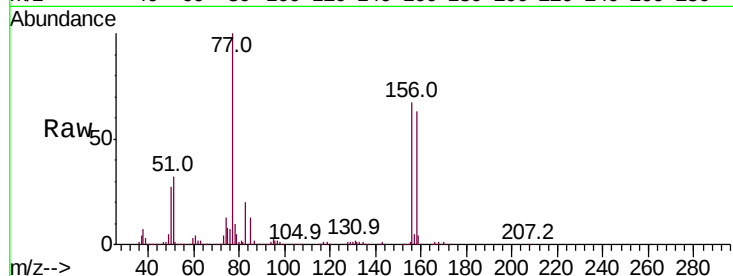
Tot Ion:156 Resp: 182616

Ion Ratio Lower Upper

156 100

77 152.7 76.0 228.1

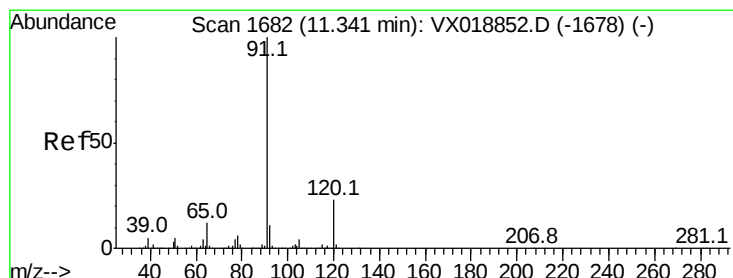
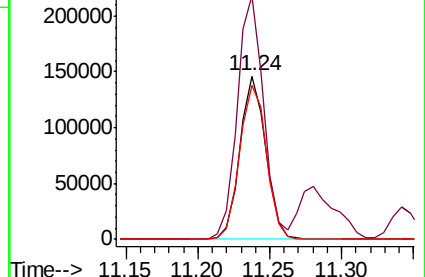
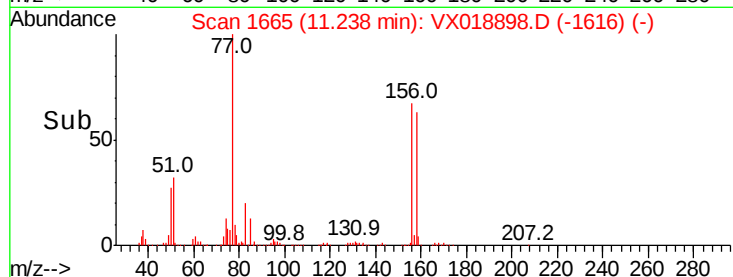
158 98.0 47.2 141.6



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: 53.755 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018898.D

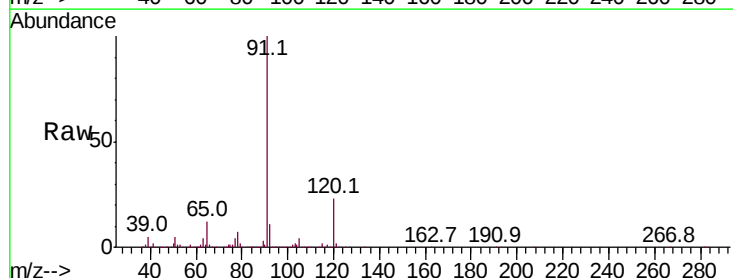
Acq: 12 Oct 2020 12:35

Tgt Ion: 91 Resp: 797108

Ion Ratio Lower Upper

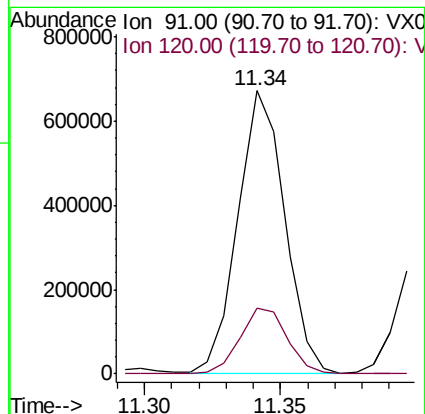
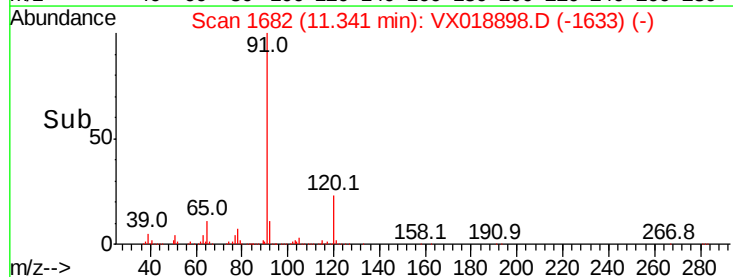
91 100

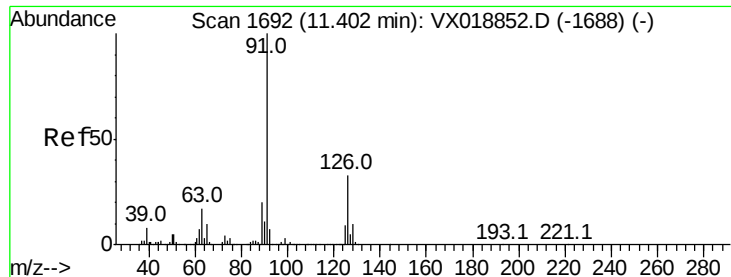
120 23.6 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.571 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

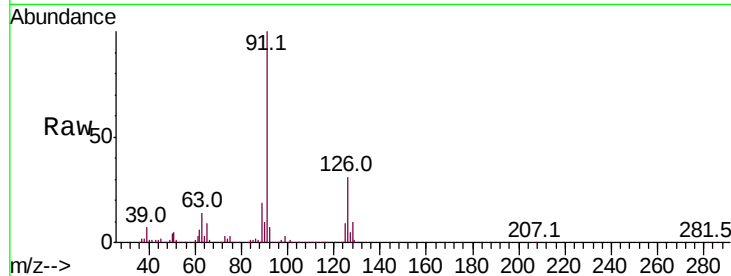
VSTDCCC050

Tot Ion: 91 Resp: 467447

Ion Ratio Lower Upper

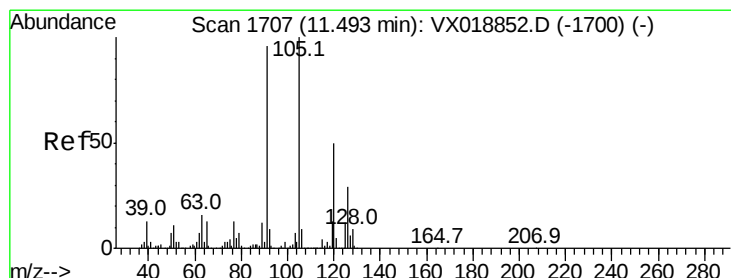
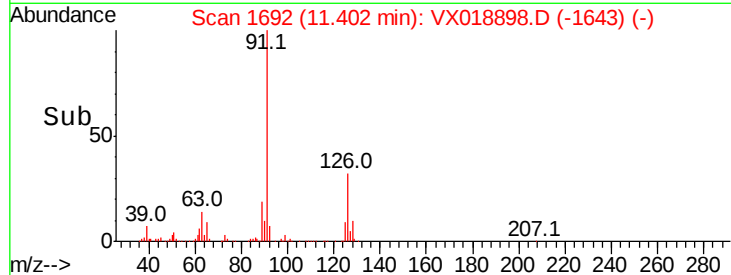
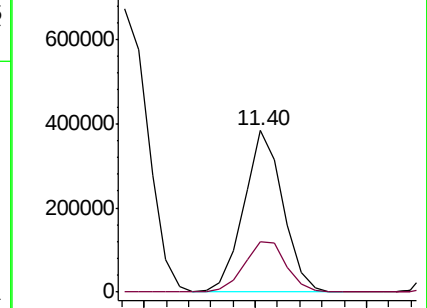
91 100

126 33.7 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.829 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018898.D

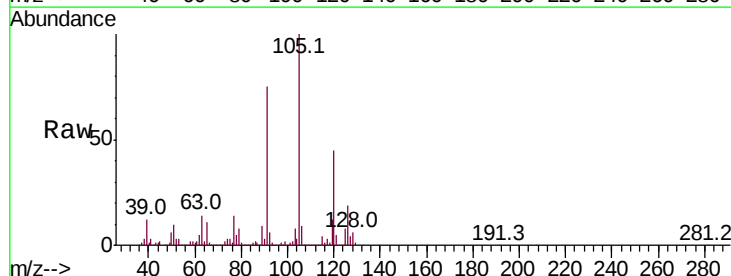
Acq: 12 Oct 2020 12:35

Tgt Ion:105 Resp: 588061

Ion Ratio Lower Upper

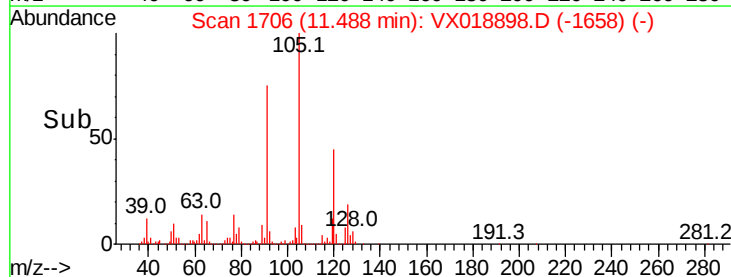
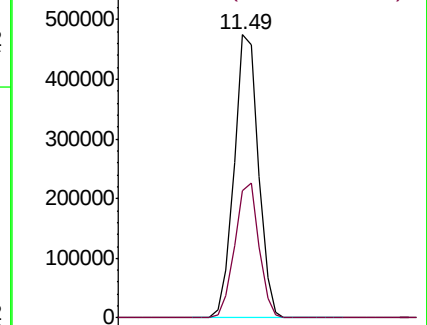
105 100

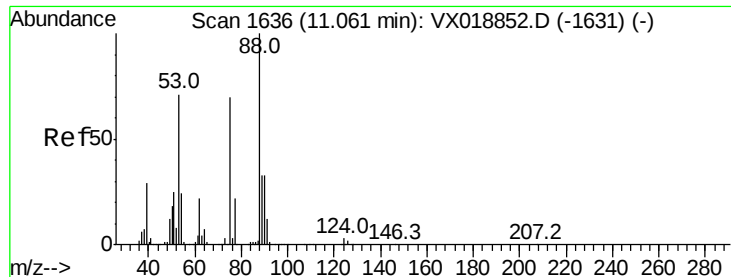
120 47.7 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 50.934 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

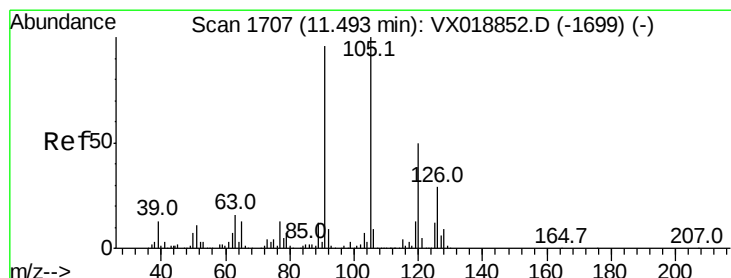
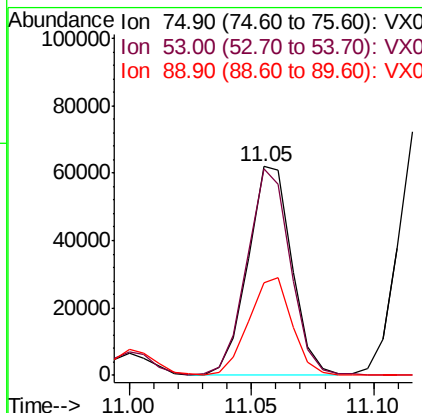
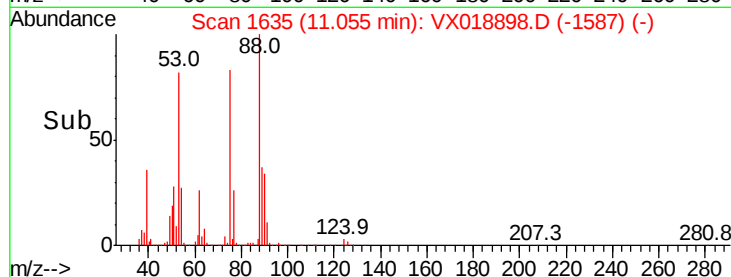
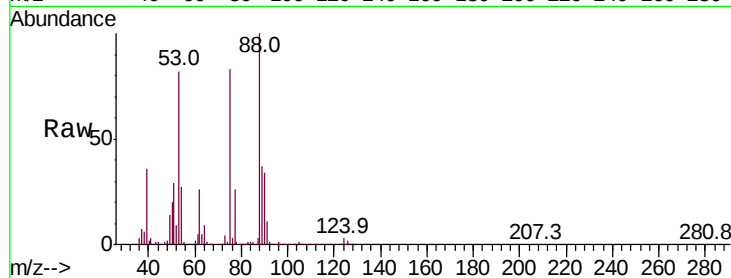
Tot Ion: 75 Resp: 77040

Ion Ratio Lower Upper

75 100

53 98.0 85.0 127.4

89 46.9 39.0 58.4



#82

4-Chlorotoluene

Concen: 52.193 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018898.D

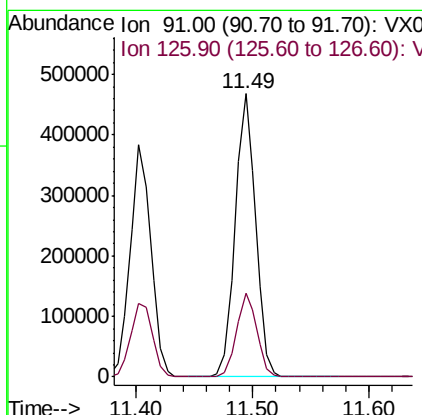
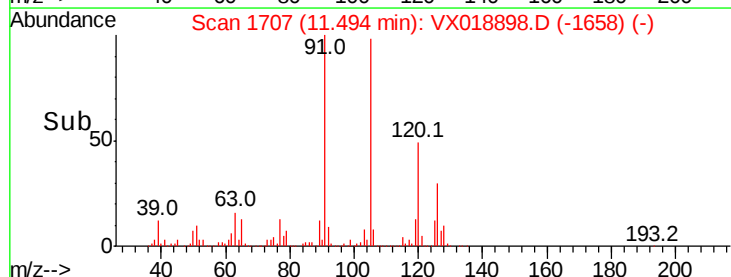
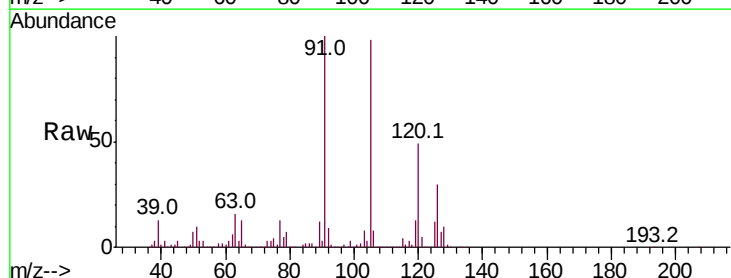
Acq: 12 Oct 2020 12:35

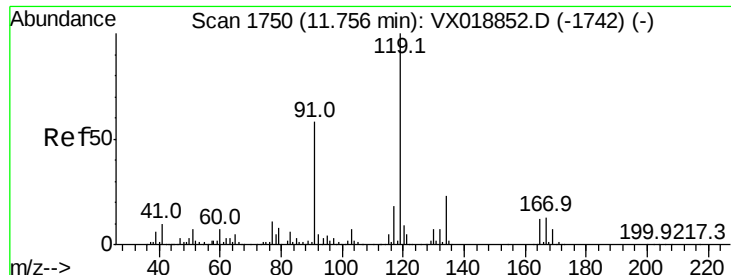
Tgt Ion: 91 Resp: 573648

Ion Ratio Lower Upper

91 100

126 29.4 14.9 44.7

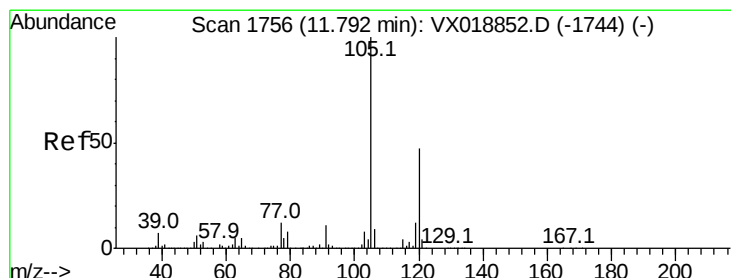
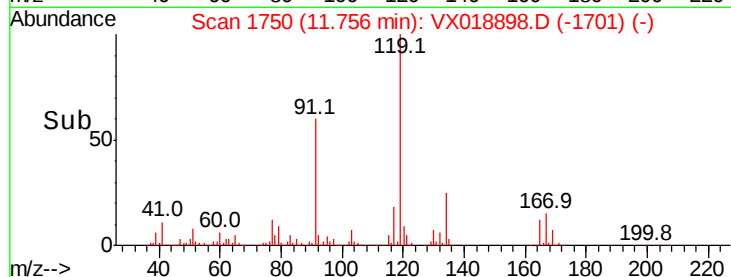
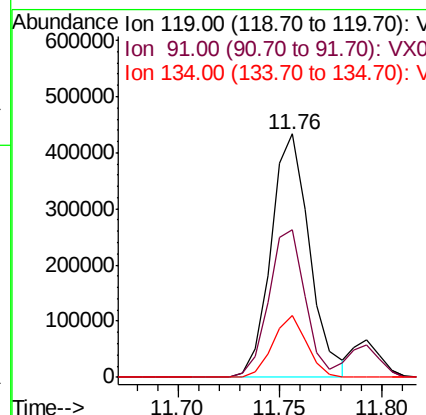
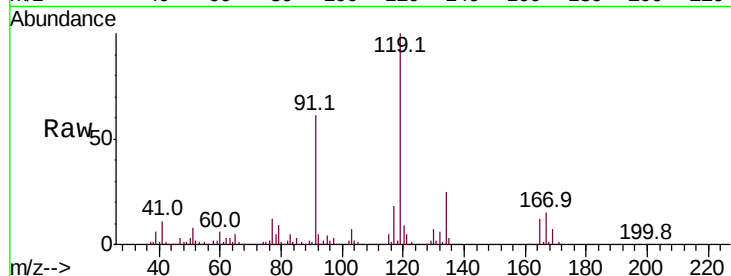




#83
tert-Butylbenzene
Concen: 51.078 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

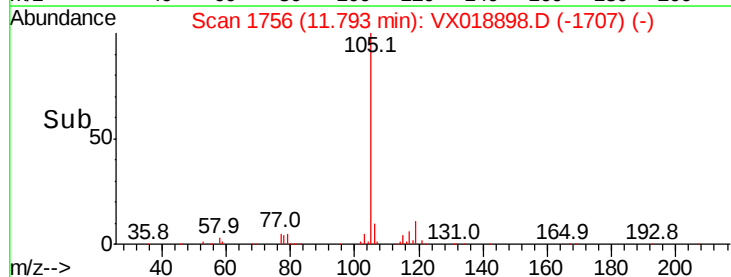
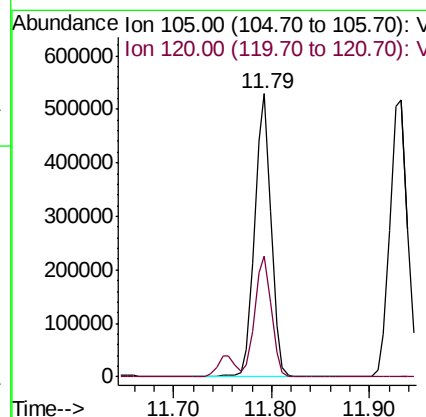
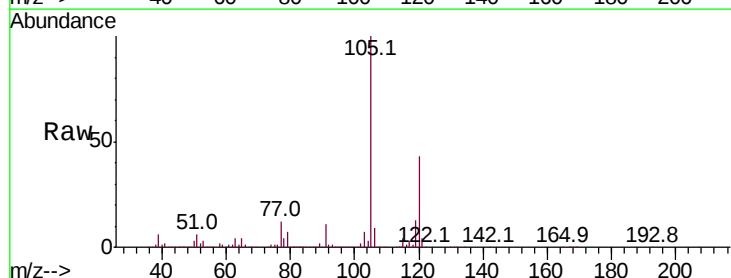
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

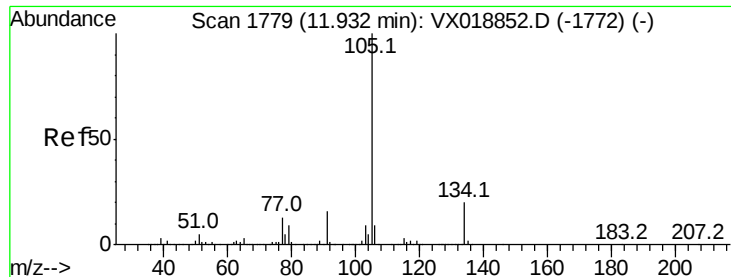
Tot Ion:119 Resp: 569390
Ion Ratio Lower Upper
119 100
91 57.2 28.6 85.9
134 22.7 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 54.421 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Tgt Ion:105 Resp: 615807
Ion Ratio Lower Upper
105 100
120 43.0 22.6 67.8





#85

sec-Butylbenzene

Concen: 51.496 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

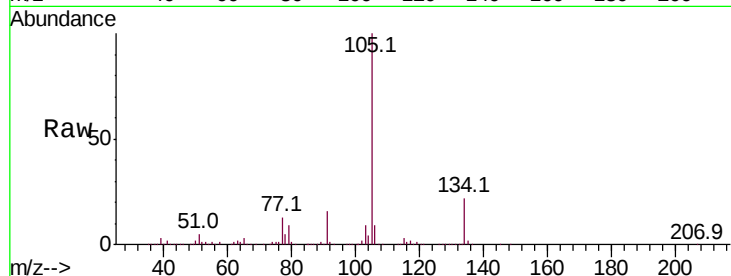
VSTDCCC050

Tot Ion:105 Resp: 646708

Ion Ratio Lower Upper

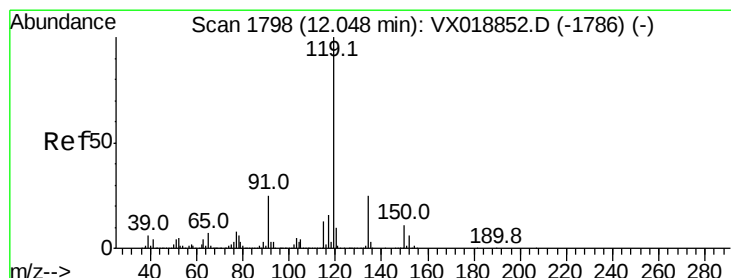
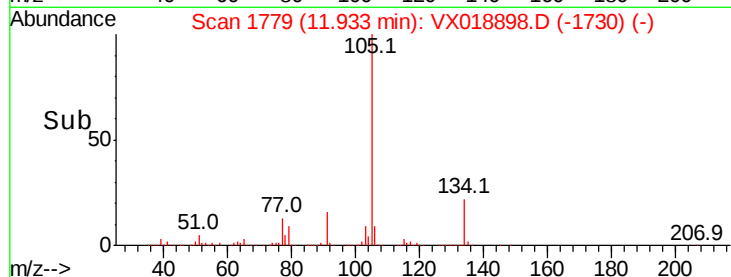
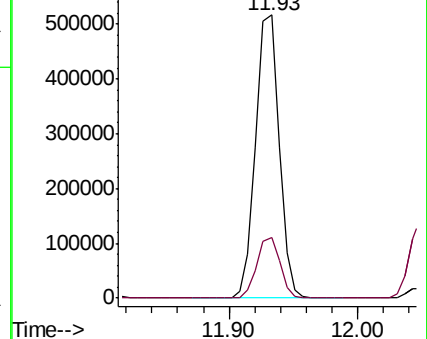
105 100

134 21.1 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.594 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

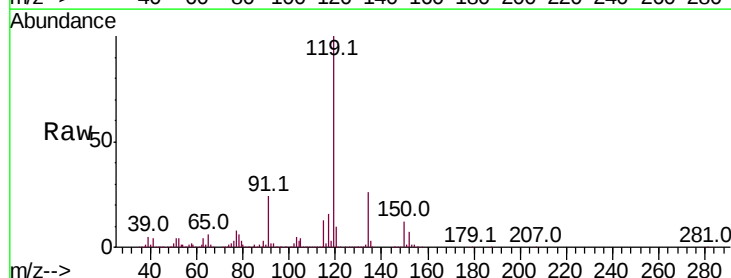
Tgt Ion:119 Resp: 626611

Ion Ratio Lower Upper

119 100

134 25.8 12.8 38.4

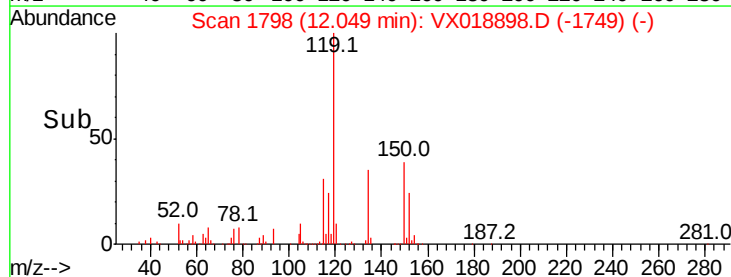
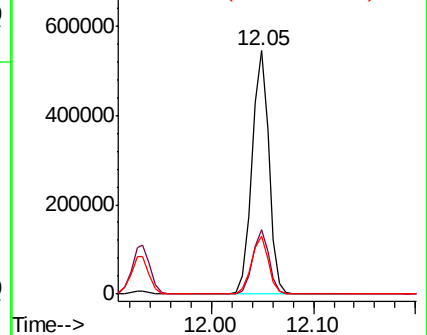
91 23.5 12.3 36.9

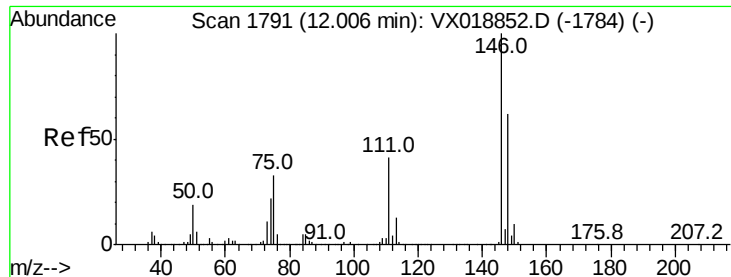


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 49.899 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

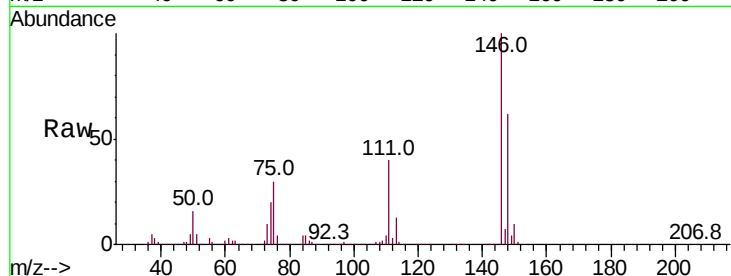
Tot Ion:146 Resp: 327595

Ion Ratio Lower Upper

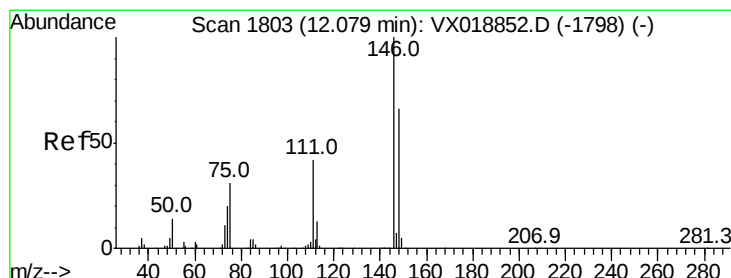
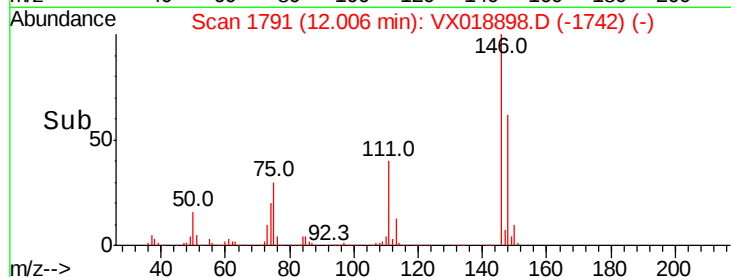
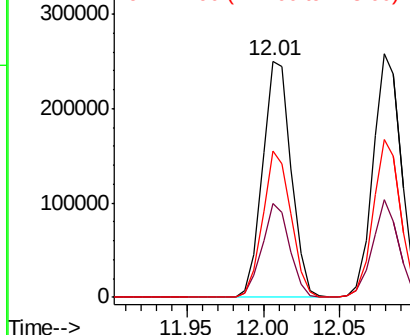
146 100

111 38.3 20.0 59.9

148 60.8 31.4 94.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.048 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

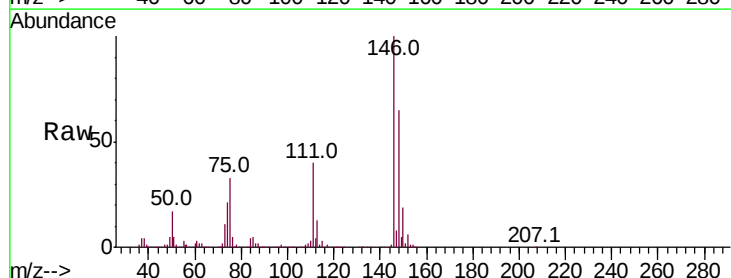
Tgt Ion:146 Resp: 326171

Ion Ratio Lower Upper

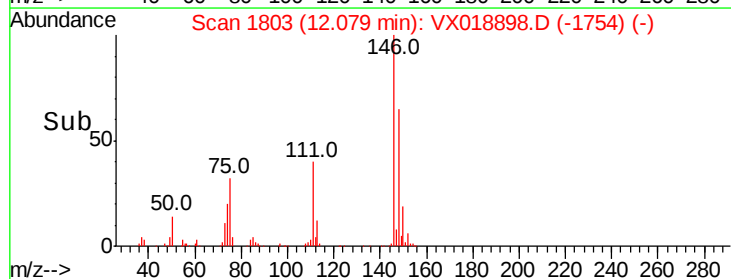
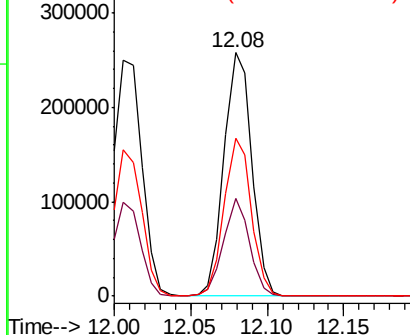
146 100

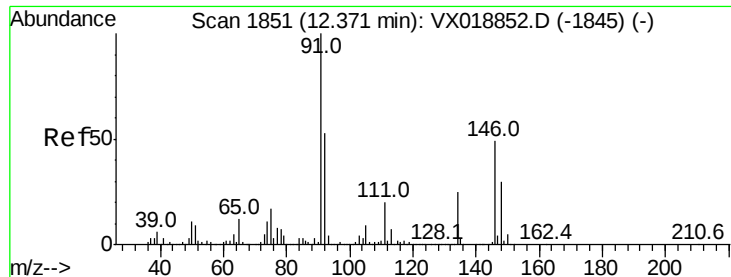
111 37.8 20.5 61.5

148 63.5 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

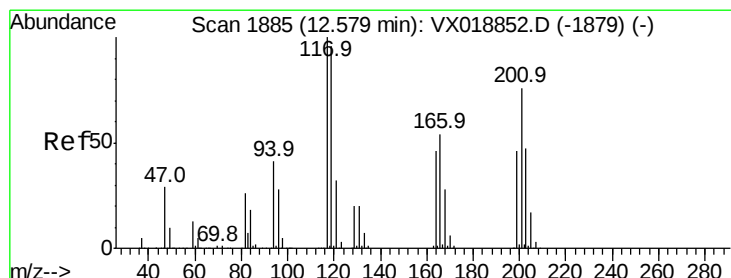
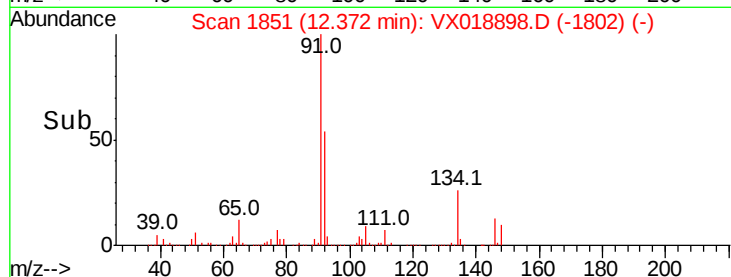
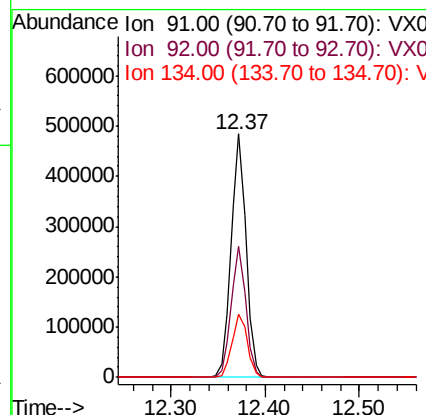
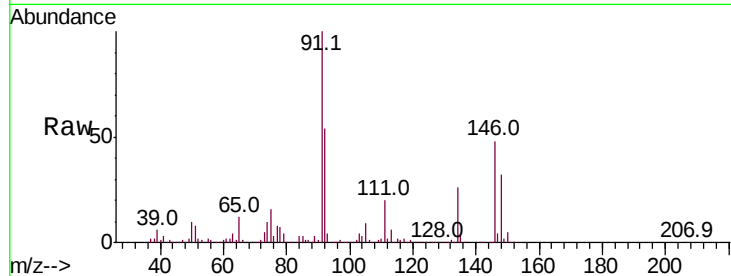




#89
n-Butylbenzene
Concen: 51.395 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

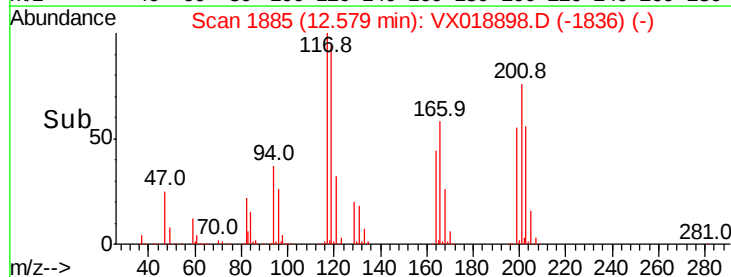
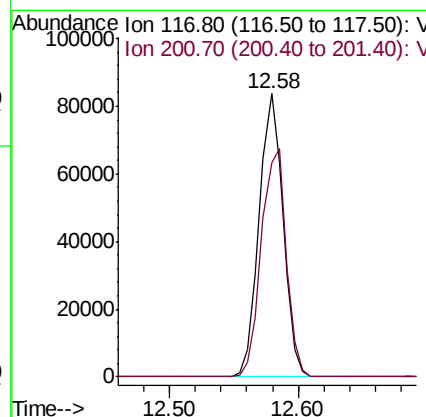
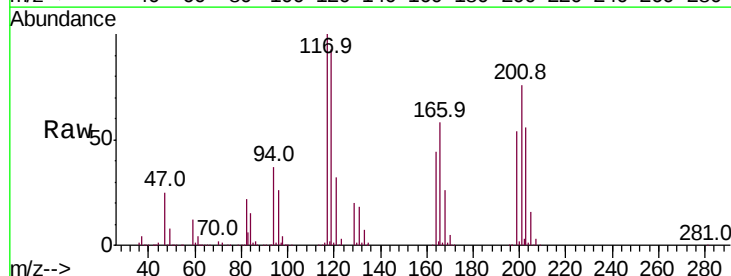
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

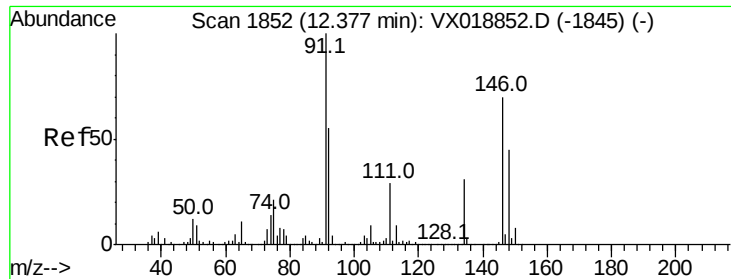
Tot Ion: 91 Resp: 532034
Ion Ratio Lower Upper
91 100
92 53.0 26.7 80.0
134 26.7 13.5 40.4



#90
Hexachloroethane
Concen: 48.224 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Tgt Ion: 117 Resp: 106813
Ion Ratio Lower Upper
117 100
201 84.1 37.4 112.2

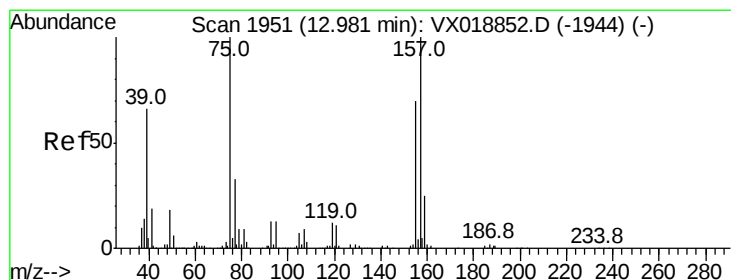
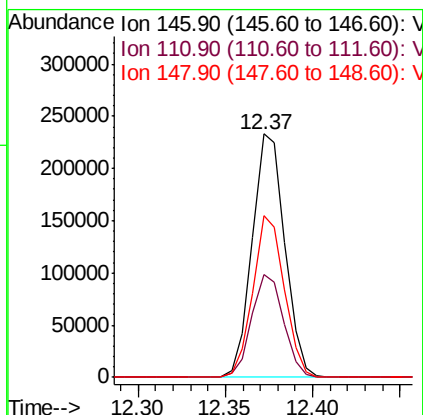
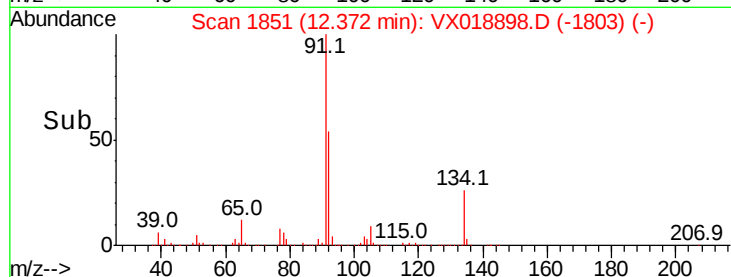
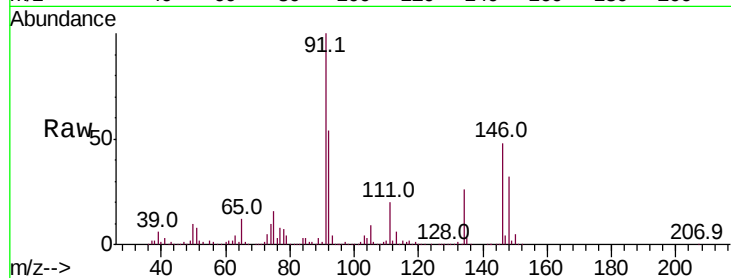




#91
 1,2-Dichlorobenzene
 Concen: 48.376 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX018898.D
 Acq: 12 Oct 2020 12:35

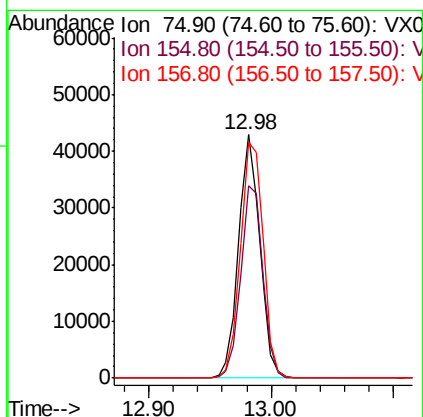
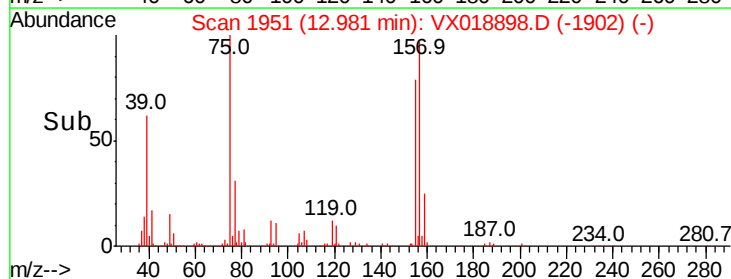
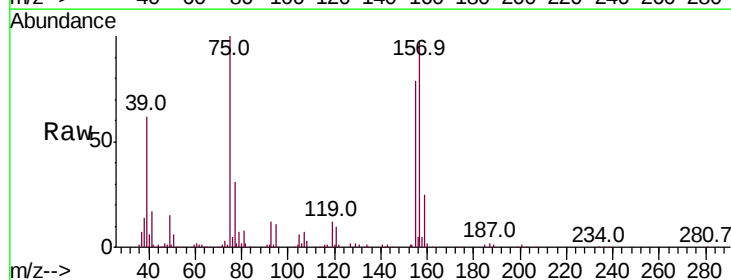
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

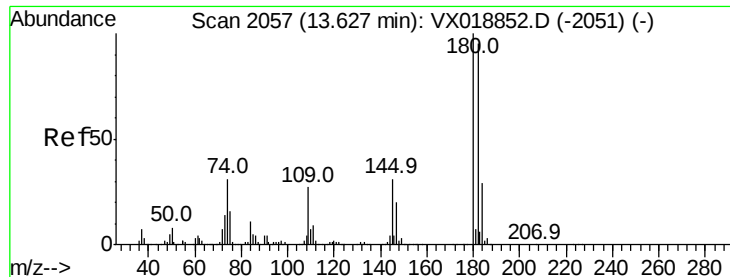
Tot Ion:146 Resp: 302312
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.6 61.9
 148 64.5 31.1 93.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.193 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018898.D
 Acq: 12 Oct 2020 12:35

Tgt Ion: 75 Resp: 51242
 Ion Ratio Lower Upper
 75 100
 155 82.3 38.0 113.9
 157 104.0 50.9 152.7





#93

1,2,4-Trichlorobenzene

Concen: 53.979 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

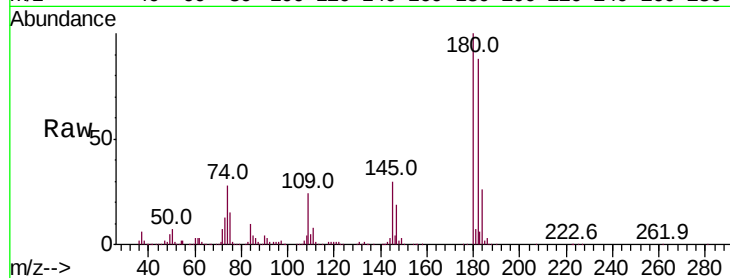
Tot Ion:180 Resp: 216411

Ion Ratio Lower Upper

180 100

182 92.9 49.1 147.3

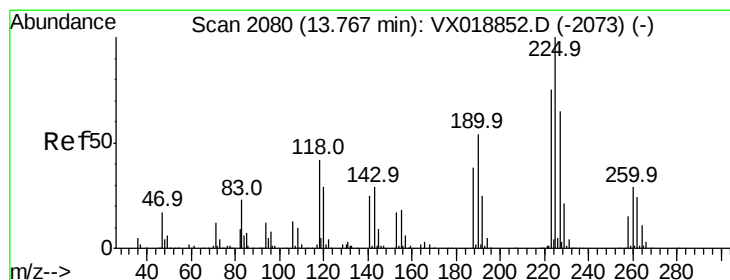
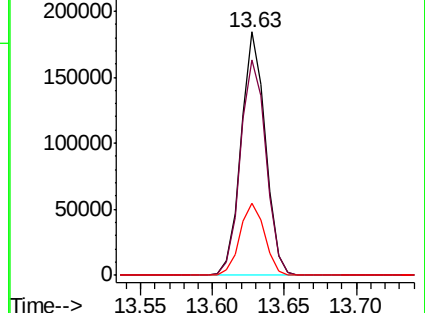
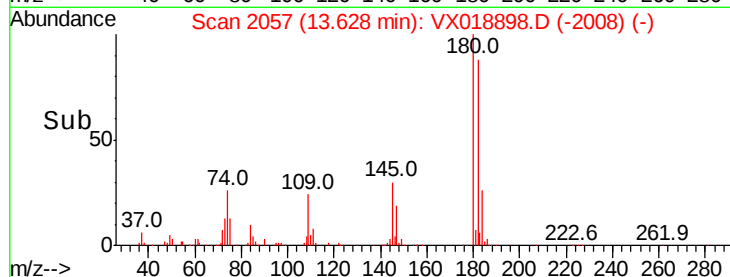
145 30.3 16.0 48.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 57.138 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX018898.D

Acq: 12 Oct 2020 12:35

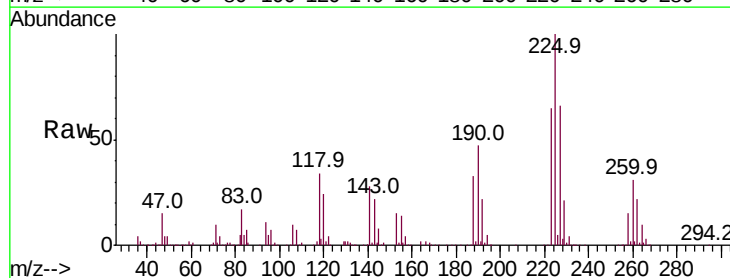
Tgt Ion:225 Resp: 101748

Ion Ratio Lower Upper

225 100

223 65.7 32.1 96.3

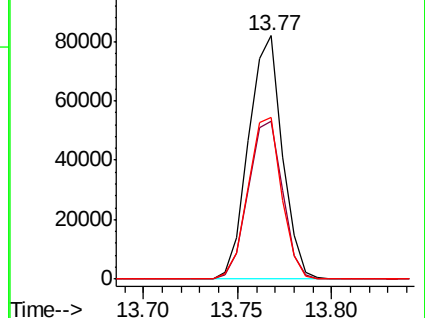
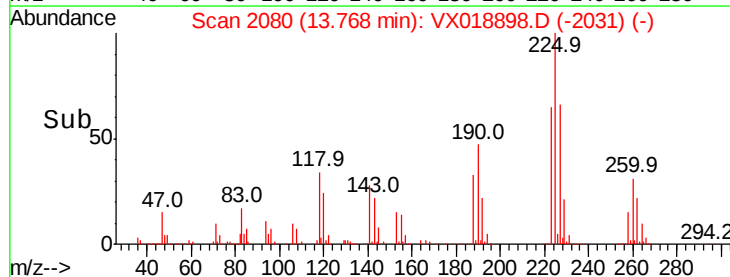
227 66.5 33.0 98.9

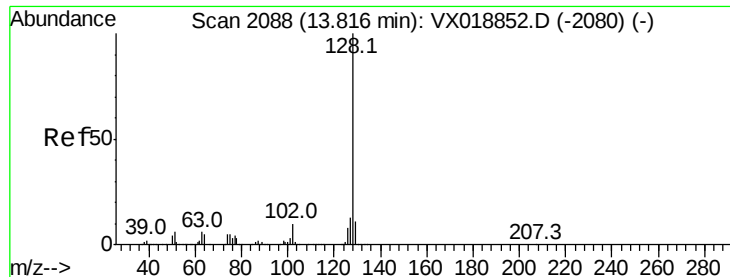


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

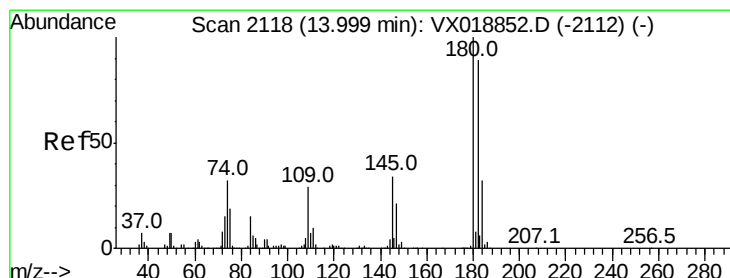
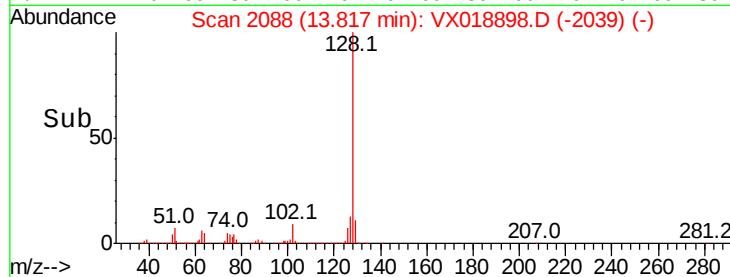
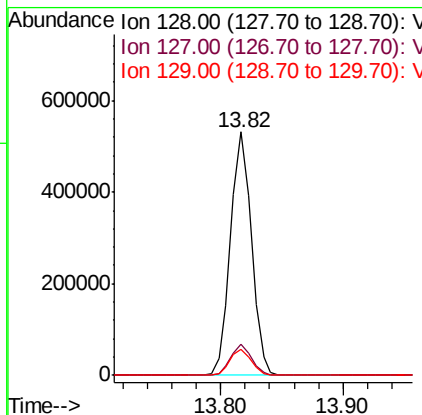
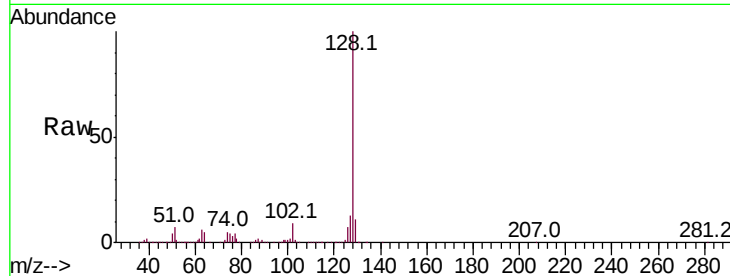




#95
Naphthalene
Concen: 47.249 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 630016
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 53.682 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018898.D
Acq: 12 Oct 2020 12:35

Tgt Ion:180 Resp: 210568
Ion Ratio Lower Upper
180 100
182 96.6 47.7 143.1
145 32.9 16.7 50.0

