

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100920\
 Data File : VX018871.D
 Acq On : 09 Oct 2020 21:32
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 10 06:22:59 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	201045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	300844	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	301447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	165258	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	146663	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
35) Dibromofluoromethane	5.46	113	105595	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
50) Toluene-d8	8.70	98	374178	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
62) 4-Bromofluorobenzene	11.12	95	157401	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	118772	49.961	ug/l	99
3) Chloromethane	1.31	50	95577	50.722	ug/l	99
4) Vinyl Chloride	1.39	62	103423	49.100	ug/l	97
5) Bromomethane	1.63	94	58961	50.259	ug/l	99
6) Chloroethane	1.71	64	69618	49.348	ug/l	100
7) Trichlorofluoromethane	1.92	101	206258	49.678	ug/l	99
8) Diethyl Ether	2.17	74	58478	50.530	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	97360	48.826	ug/l	98
10) Methyl Iodide	2.49	142	75082	36.968	ug/l	100
11) Tert butyl alcohol	3.01	59	111787	239.364	ug/l	100
12) 1,1-Dichloroethene	2.36	96	93398	50.334	ug/l	94
13) Acrolein	2.27	56	82735	212.925	ug/l	97
14) Allyl chloride	2.71	41	179000	53.173	ug/l	94
15) Acrylonitrile	3.12	53	250806	253.220	ug/l	99
16) Acetone	2.42	43	258761	230.795	ug/l	100
17) Carbon Disulfide	2.55	76	263961	48.483	ug/l	99
18) Methyl Acetate	2.75	43	122050	49.515	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	318582	51.175	ug/l	99
20) Methylene Chloride	2.84	84	108231	51.161	ug/l	92
21) trans-1,2-Dichloroethene	3.14	96	108483	50.374	ug/l	96
22) Diisopropyl ether	3.82	45	305418	50.693	ug/l	92
23) Vinyl Acetate	3.78	43	1527549	263.626	ug/l	99
24) 1,1-Dichloroethane	3.67	63	192880	47.616	ug/l	99
25) 2-Butanone	4.64	43	389321	242.406	ug/l	99
26) 2,2-Dichloropropane	4.55	77	170826	43.708	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	115863	48.447	ug/l	97
28) Bromochloromethane	4.98	49	84935	47.552	ug/l	98
29) Tetrahydrofuran	5.09	42	220790	256.228	ug/l	98
30) Chloroform	5.18	83	214942	48.162	ug/l	95
31) Cyclohexane	5.55	56	139722	50.449	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	203576	48.000	ug/l	99
36) 1,1-Dichloropropene	5.78	75	150125	47.462	ug/l	100
37) Ethyl Acetate	4.79	43	153862	50.371	ug/l	99
38) Carbon Tetrachloride	5.76	117	193320	49.310	ug/l	97

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 ALS Vial : 25 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 10 06:22:59 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)
39) Methylcyclohexane	7.44	83	147191	50.481	ug/l	100
40) Benzene	6.11	78	413762	48.689	ug/l	98
41) Methacrylonitrile	5.00	41	86621	48.884	ug/l	98
42) 1,2-Dichloroethane	6.17	62	188407	47.290	ug/l	99
43) Isopropyl Acetate	6.42	43	252309	49.703	ug/l	99
44) Trichloroethene	7.19	130	122316	47.995	ug/l	98
45) 1,2-Dichloropropane	7.49	63	108302	48.165	ug/l	100
46) Dibromomethane	7.63	93	81690	49.161	ug/l	98
47) Bromodichloromethane	7.87	83	175817	48.826	ug/l	95
48) Methyl methacrylate	7.74	41	129185	50.153	ug/l	98
49) 1,4-Dioxane	7.72	88	34842	964.689	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	791354	267.091	ug/l	100
52) Toluene	8.76	92	272881	50.038	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	185186	49.667	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	188049	49.028	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	113254	48.348	ug/l	96
56) Ethyl methacrylate	9.16	69	167813	49.129	ug/l	100
57) 1,3-Dichloropropane	9.35	76	190727	50.179	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	437620	258.211	ug/l	99
59) 2-Hexanone	9.47	43	601557	266.487	ug/l	100
60) Dibromochloromethane	9.57	129	143939	48.950	ug/l	98
61) 1,2-Dibromoethane	9.65	107	123332	49.097	ug/l	99
64) Tetrachloroethene	9.32	164	102583	46.524	ug/l	98
65) Chlorobenzene	10.12	112	306411	47.036	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	129187	48.069	ug/l	96
67) Ethyl Benzene	10.23	91	538513	49.002	ug/l	99
68) m/p-Xylenes	10.34	106	408491	97.836	ug/l	100
69) o-Xylene	10.68	106	194146	49.353	ug/l	99
70) Styrene	10.70	104	338782	50.870	ug/l	99
71) Bromoform	10.84	173	111192	47.834	ug/l #	99
73) Isopropylbenzene	11.00	105	547963	50.688	ug/l	99
74) N-amyl acetate	10.88	43	231253	54.068	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	173875	48.257	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	209539	58.846	ug/l	85
77) Bromobenzene	11.24	156	146930	49.478	ug/l	99
78) n-propylbenzene	11.34	91	618536	50.213	ug/l	100
79) 2-Chlorotoluene	11.40	91	376033	48.972	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	474160	51.277	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	58018	46.175	ug/l	98
82) 4-Chlorotoluene	11.49	91	452734	49.586	ug/l	99
83) tert-Butylbenzene	11.76	119	465610	50.280	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	475984	50.636	ug/l	100
85) sec-Butylbenzene	11.93	105	526555	50.473	ug/l	98
86) p-Isopropyltoluene	12.05	119	508122	51.340	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	260261	47.721	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	268942	48.684	ug/l	97
89) n-Butylbenzene	12.37	91	426610	49.610	ug/l	99
90) Hexachloroethane	12.58	117	84713	46.040	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	250409	48.236	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44462	48.249	ug/l	99

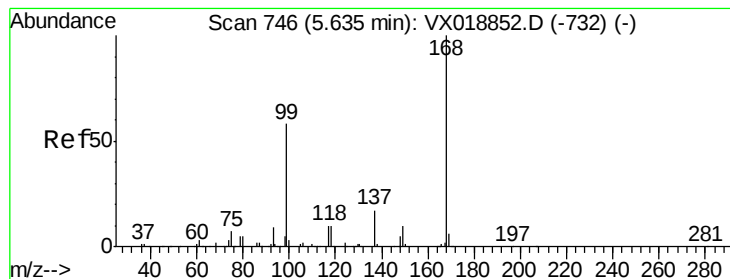
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100920\
Data File : VX018871.D
Acq On : 09 Oct 2020 21:32
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MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Oct 10 06:22:59 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)
93) 1,2,4-Trichlorobenzene	13.63	180	162048	48.657	ug/l	99
94) Hexachlorobutadiene	13.76	225	74075	50.075	ug/l	96
95) Naphthalene	13.82	128	510402	46.155	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	161552	49.579	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: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

ClientSampleId :

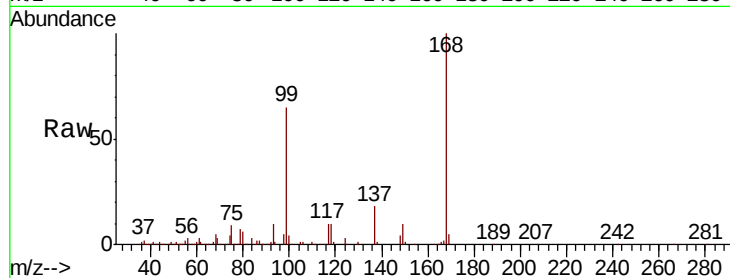
VSTDCCC050EC

Tot Ion:168 Resp: 201045

Ion Ratio Lower Upper

168 100

99 65.1 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

80000

60000

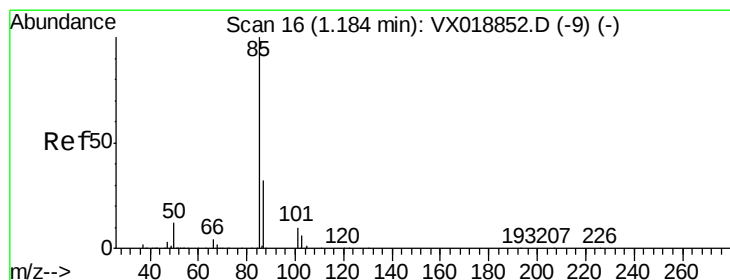
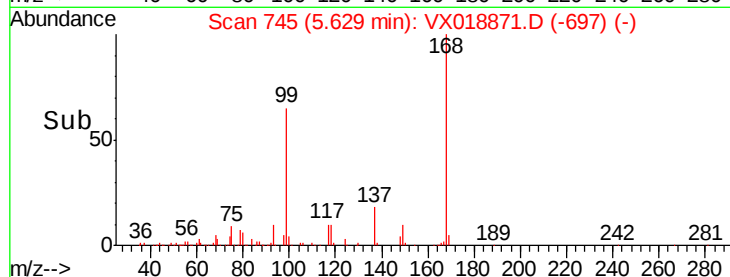
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 49.961 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018871.D

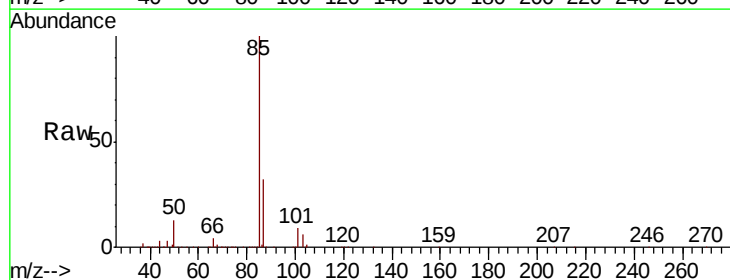
Acq: 09 Oct 2020 21:32

Tgt Ion: 85 Resp: 118772

Ion Ratio Lower Upper

85 100

87 32.4 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

150000

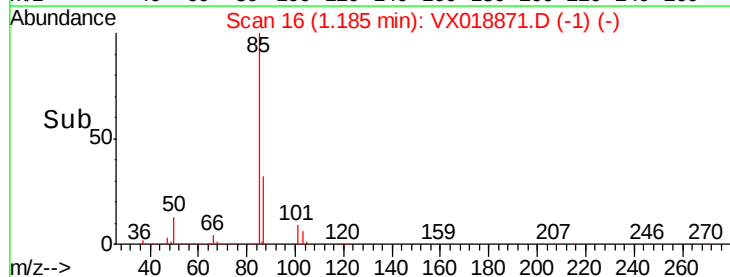
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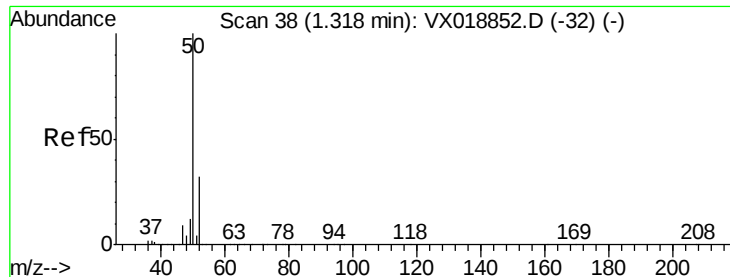
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Time-->

1.15 1.20 1.25

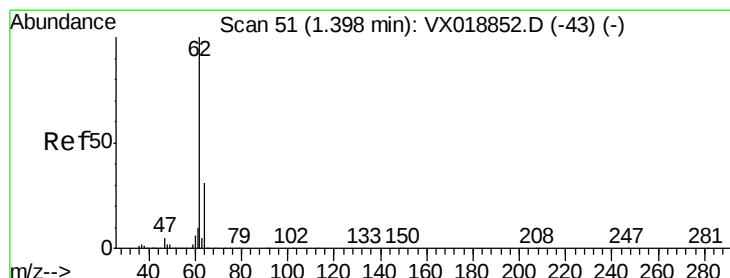
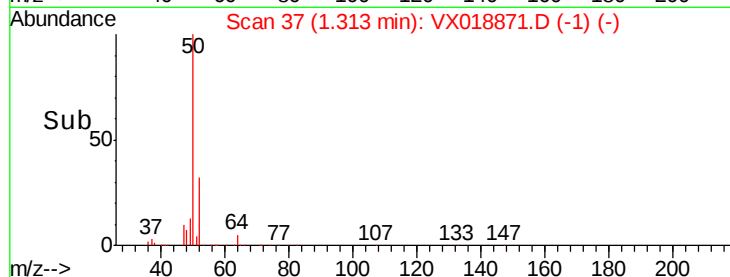
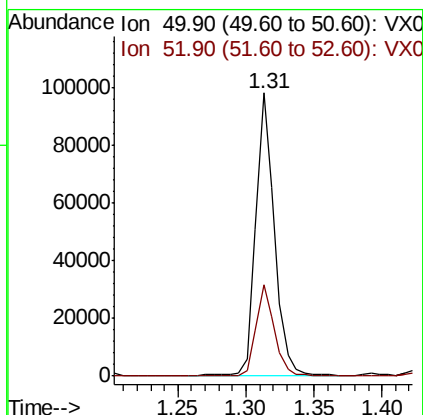
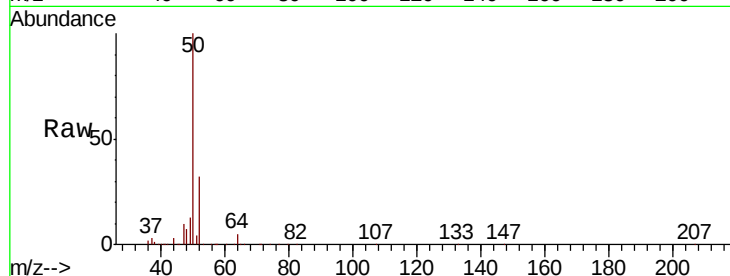




#3
Chloromethane
Concen: 50.722 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.01 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

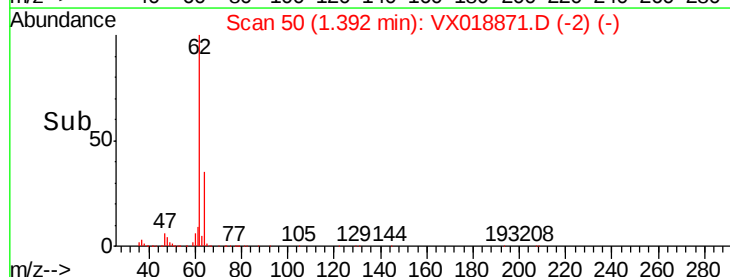
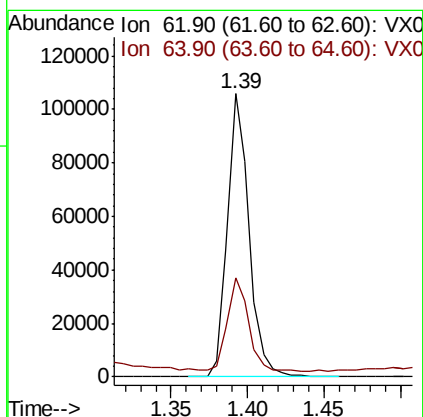
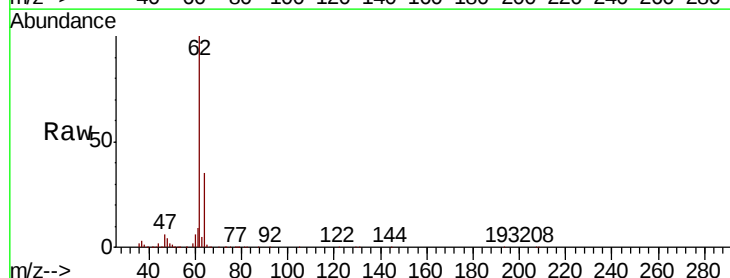
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

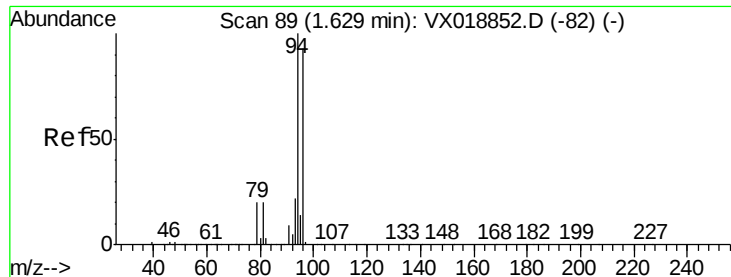
Tot Ion: 50 Resp: 95577
Ion Ratio Lower Upper
50 100
52 32.2 25.2 37.8



#4
Vinyl Chloride
Concen: 49.100 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.01 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Tgt Ion: 62 Resp: 103423
Ion Ratio Lower Upper
62 100
64 32.7 24.6 37.0





#5

Bromomethane

Concen: 50.259 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

ClientSampleId :

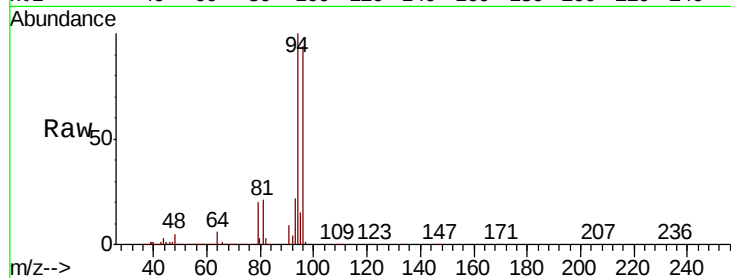
VSTDCCC050EC

Tot Ion: 94 Resp: 58961

Ion Ratio Lower Upper

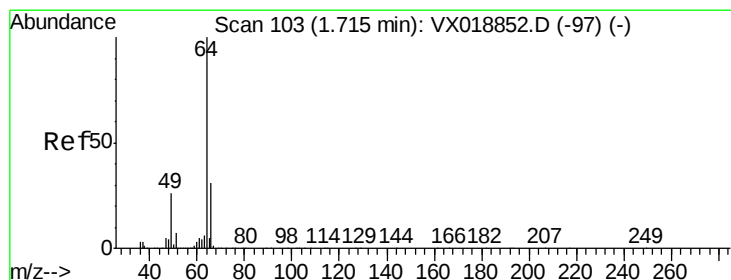
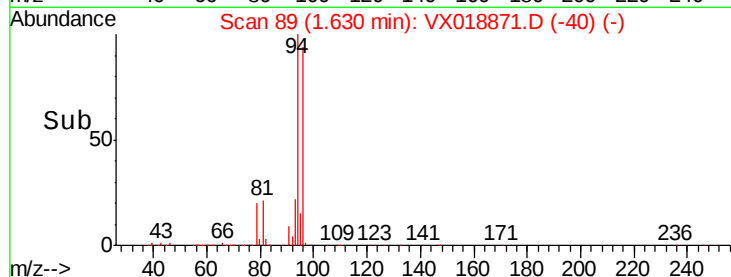
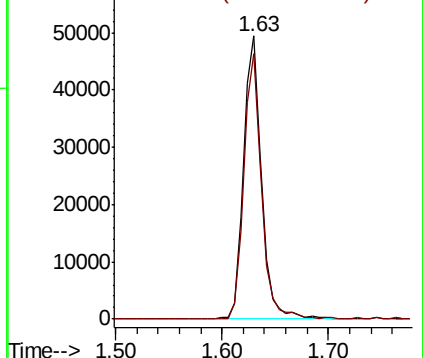
94 100

96 93.8 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.348 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.01 min

Lab File: VX018871.D

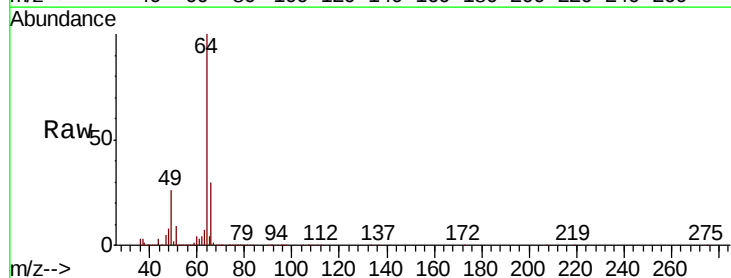
Acq: 09 Oct 2020 21:32

Tgt Ion: 64 Resp: 69618

Ion Ratio Lower Upper

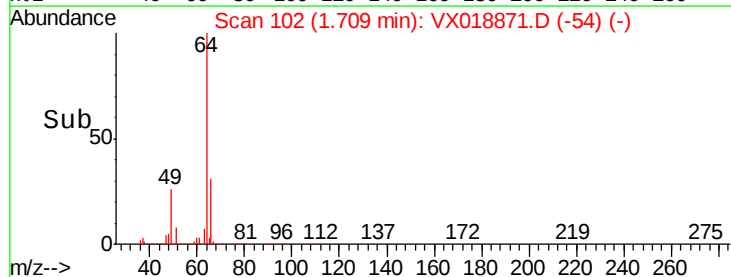
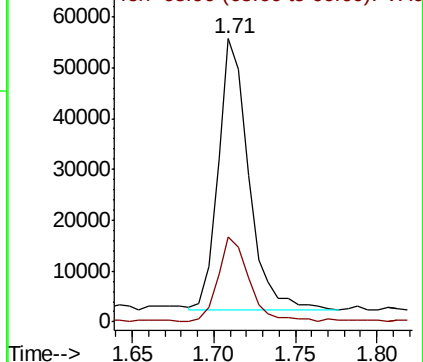
64 100

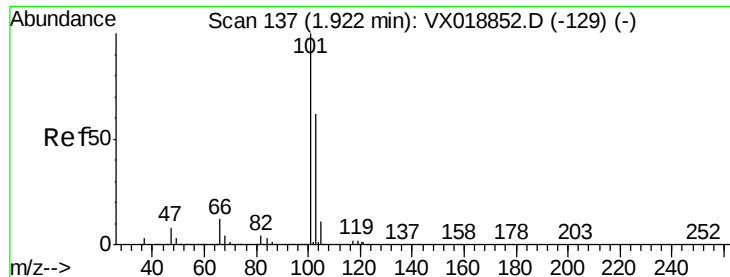
66 31.1 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



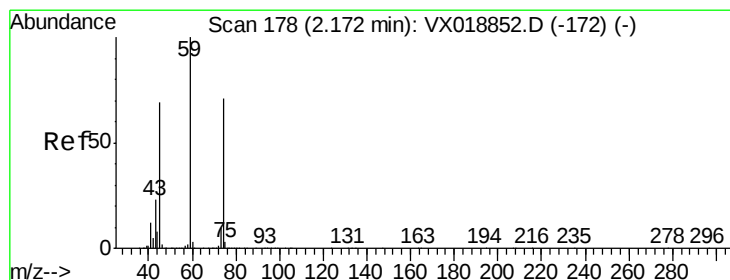
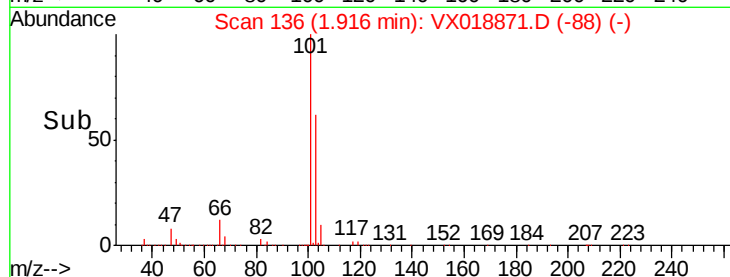
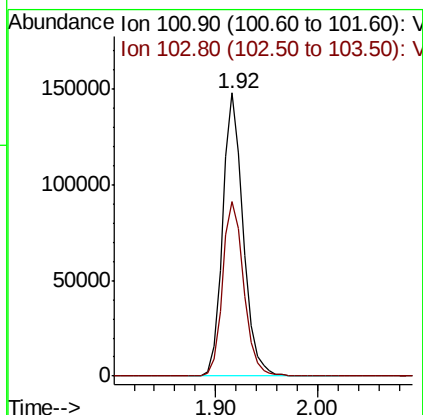
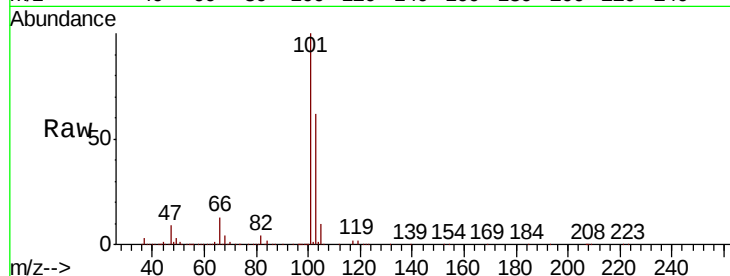


#7

Trichlorofluoromethane
Concen: 49.678 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Instrument :
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ClientSampleId :
VSTDCCC050EC

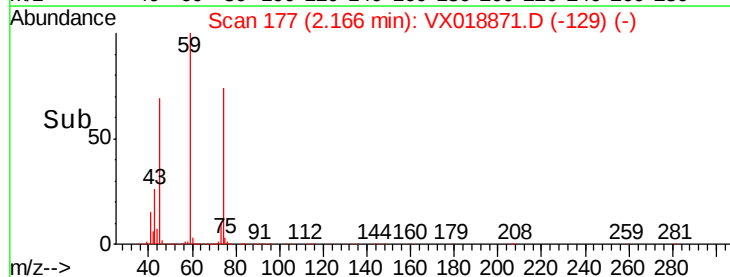
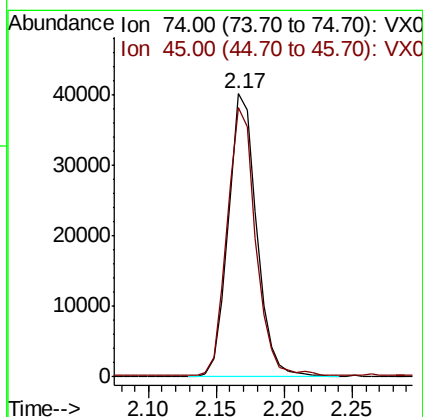
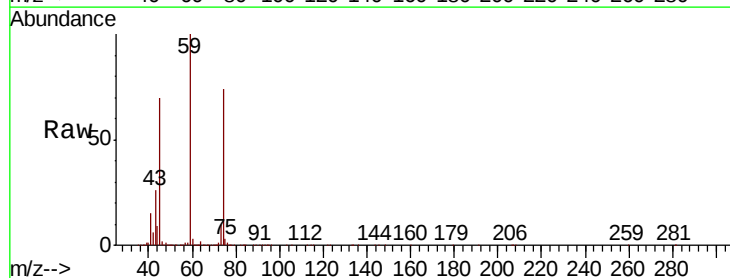
Tot Ion:101 Resp: 206258
Ion Ratio Lower Upper
101 100
103 61.8 50.0 75.0

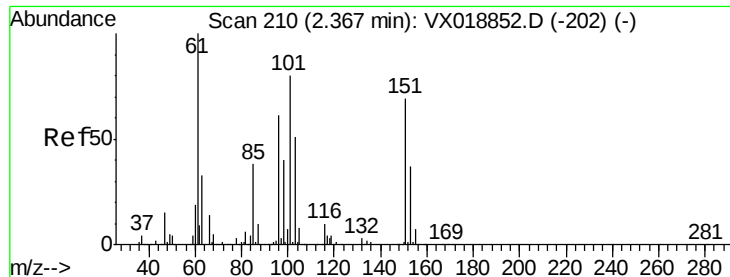


#8

Diethyl Ether
Concen: 50.530 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Tgt Ion: 74 Resp: 58478
Ion Ratio Lower Upper
74 100
45 94.9 47.0 141.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.826 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

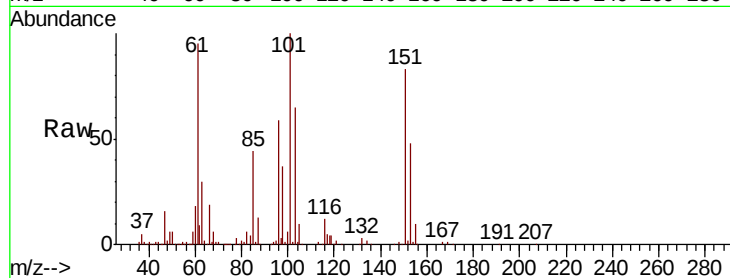
Tot Ion:101 Resp: 97360

Ion Ratio Lower Upper

101 100

85 45.5 36.6 55.0

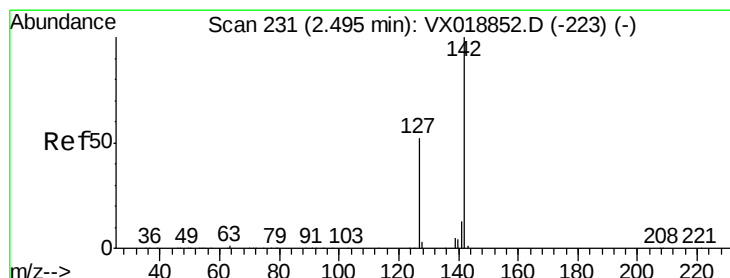
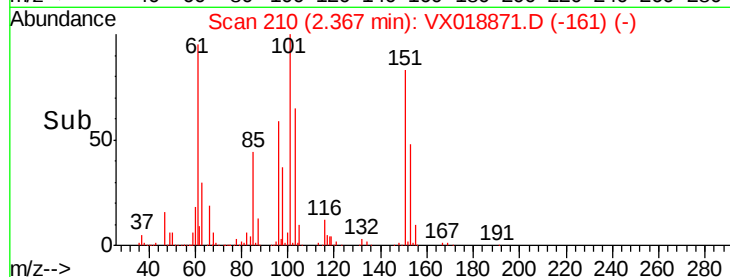
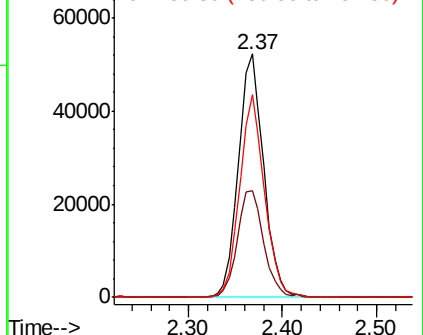
151 81.4 67.2 100.8



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: 36.968 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

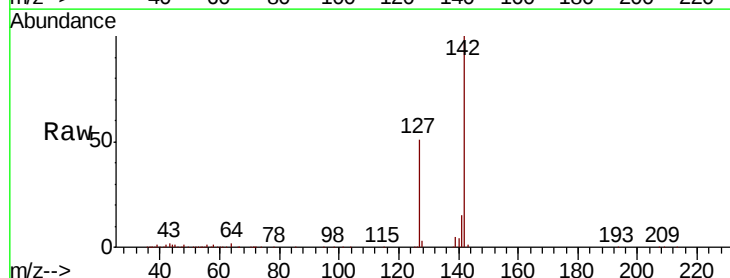
Tgt Ion:142 Resp: 75082

Ion Ratio Lower Upper

142 100

127 52.4 42.0 63.0

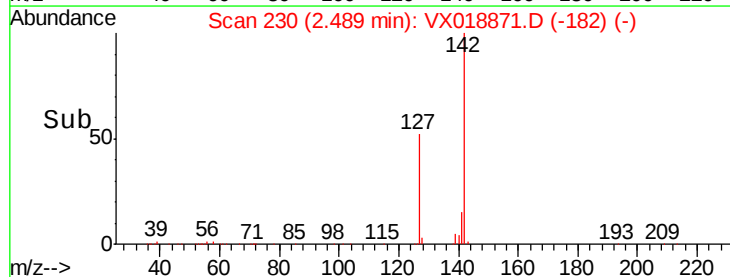
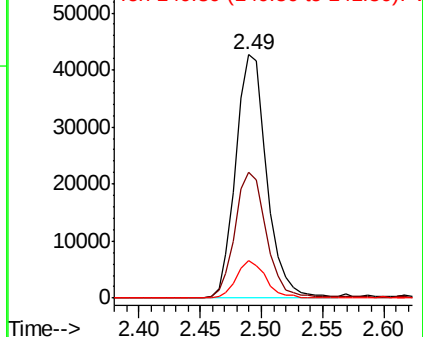
141 14.7 11.8 17.6

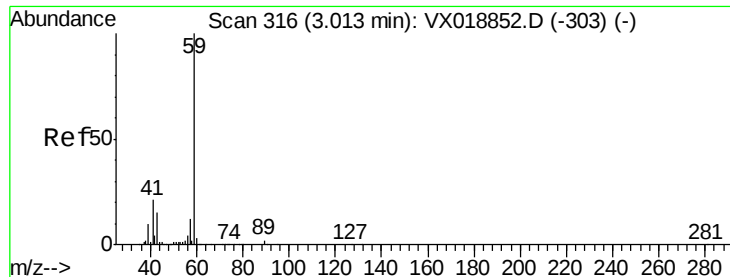


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

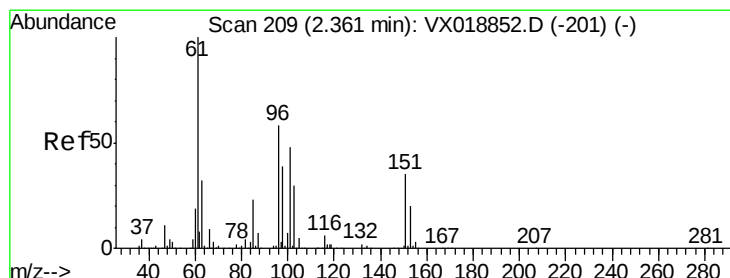
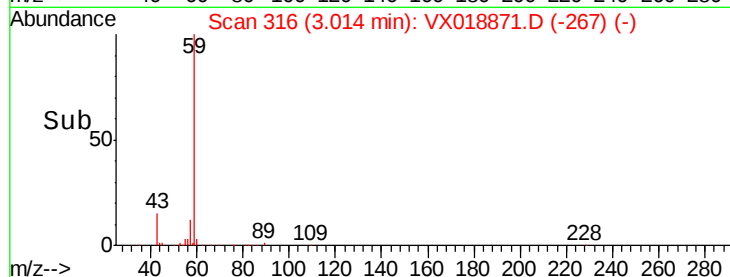
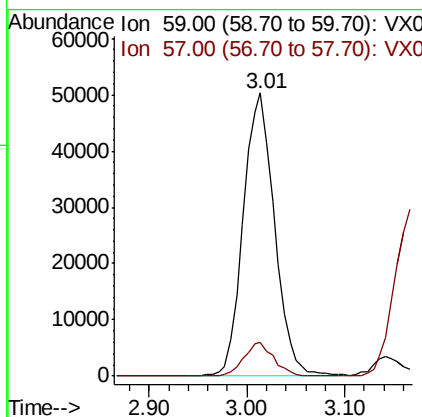
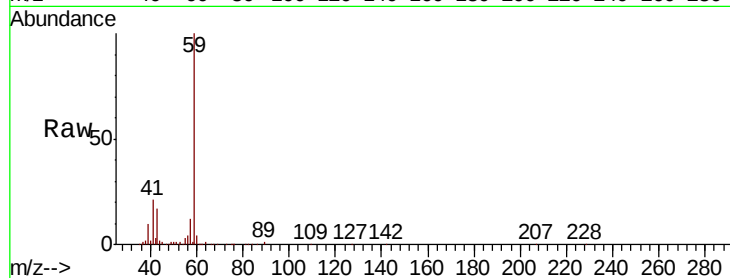




#11
Tert butyl alcohol
Concen: 239.364 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

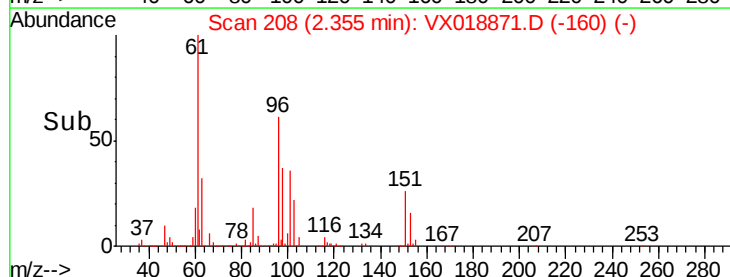
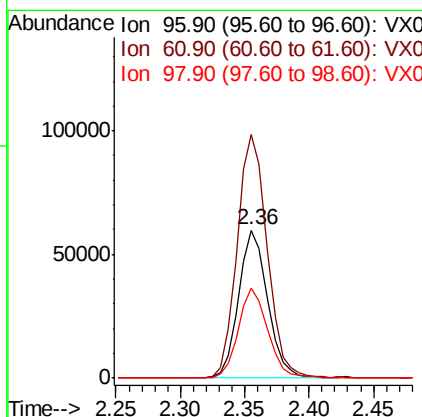
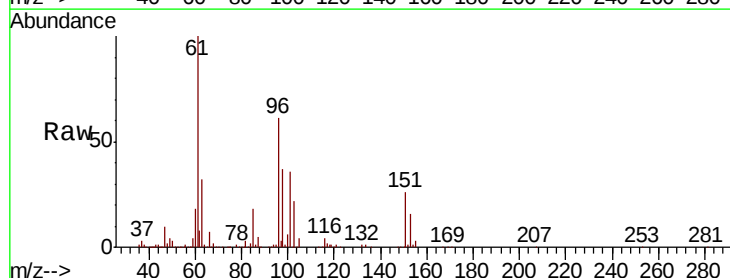
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

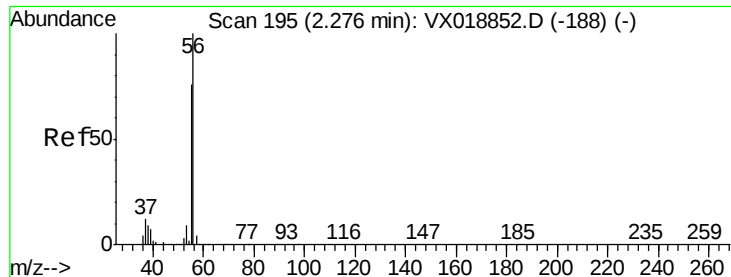
Tot Ion: 59 Resp: 111787
Ion Ratio Lower Upper
59 100
57 11.4 9.0 13.6



#12
1,1-Dichloroethene
Concen: 50.334 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Tgt Ion: 96 Resp: 93398
Ion Ratio Lower Upper
96 100
61 164.6 137.0 205.6
98 60.7 53.9 80.9





#13

Acrolein

Concen: 212.925 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

ClientSampleId :

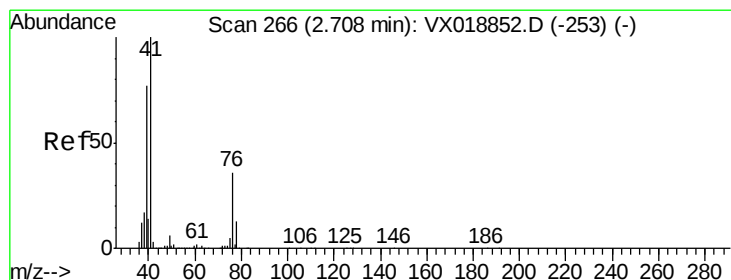
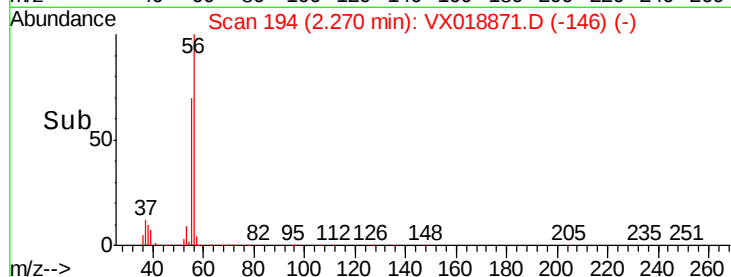
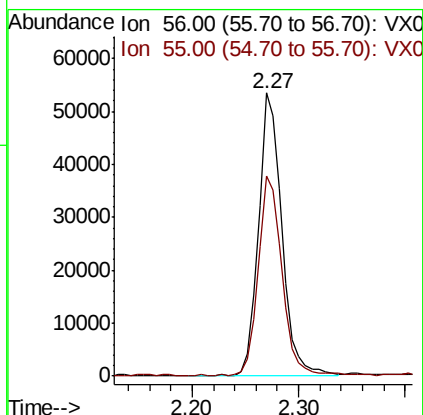
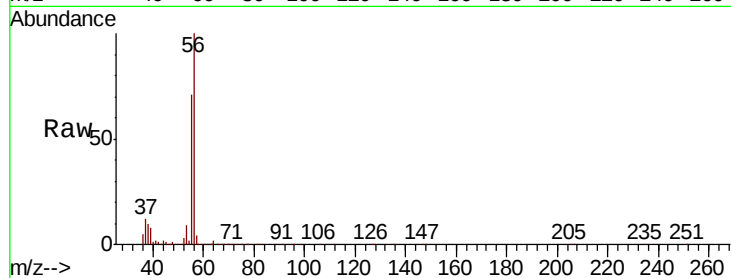
VSTDCCC050EC

Tot Ion: 56 Resp: 82735

Ion Ratio Lower Upper

56 100

55 70.8 58.6 87.8



#14

Allyl chloride

Concen: 53.173 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

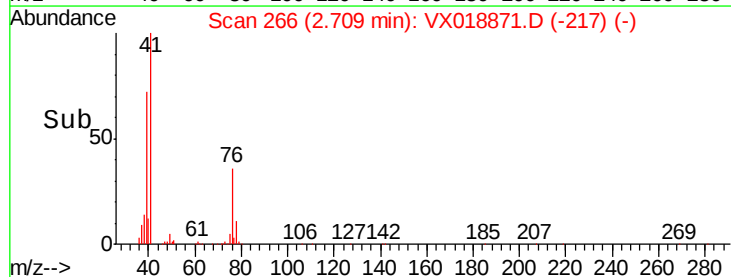
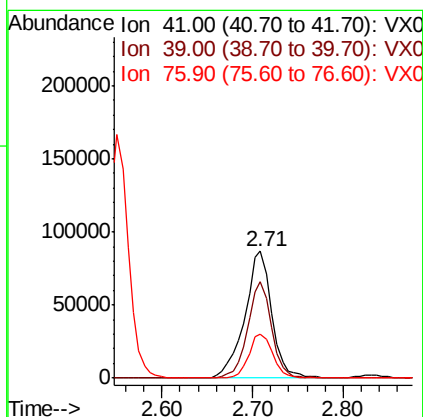
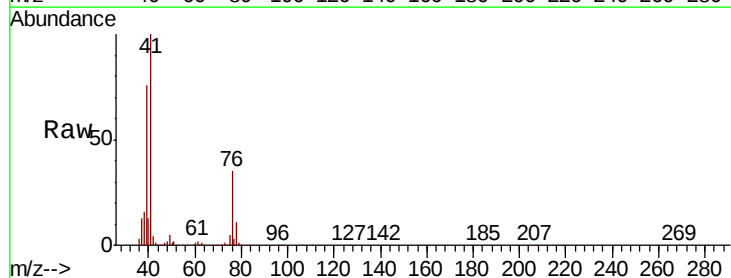
Tgt Ion: 41 Resp: 179000

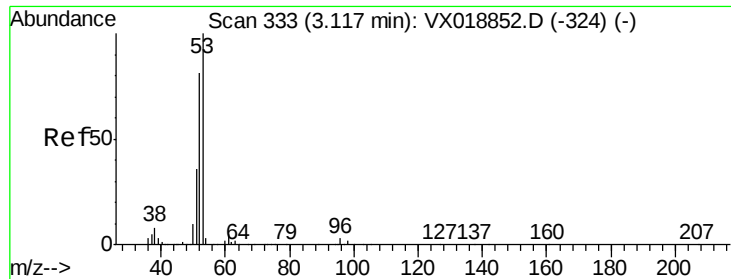
Ion Ratio Lower Upper

41 100

39 67.3 57.8 86.8

76 30.7 26.8 40.2





#15

Acrylonitrile

Concen: 253.220 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

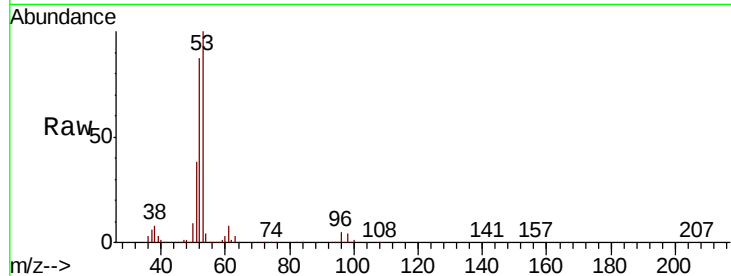
Tot Ion: 53 Resp: 250806

Ion Ratio Lower Upper

53 100

52 84.8 66.7 100.1

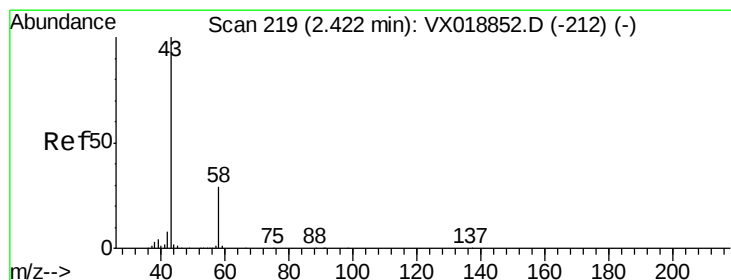
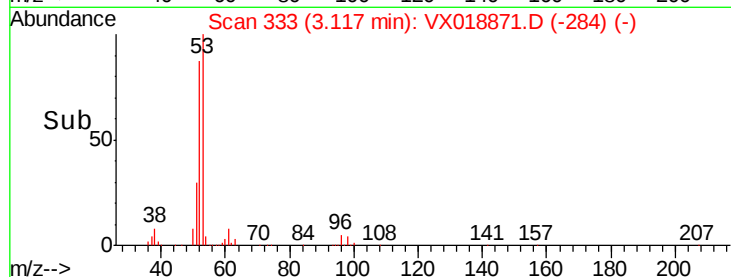
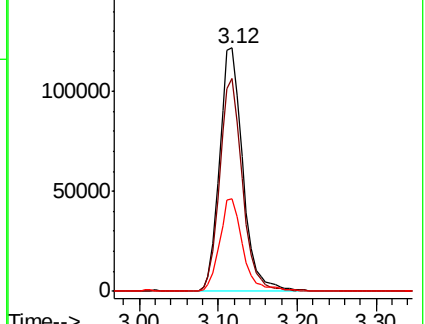
51 38.2 30.3 45.5



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: 230.795 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX018871.D

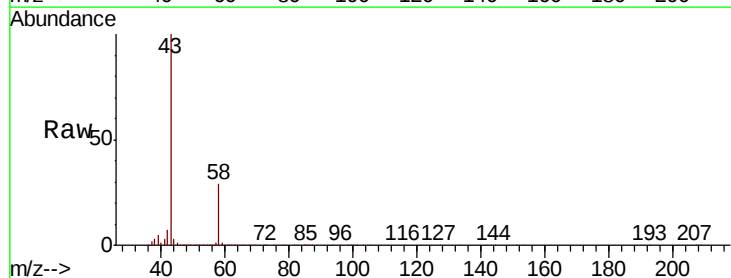
Acq: 09 Oct 2020 21:32

Tgt Ion: 43 Resp: 258761

Ion Ratio Lower Upper

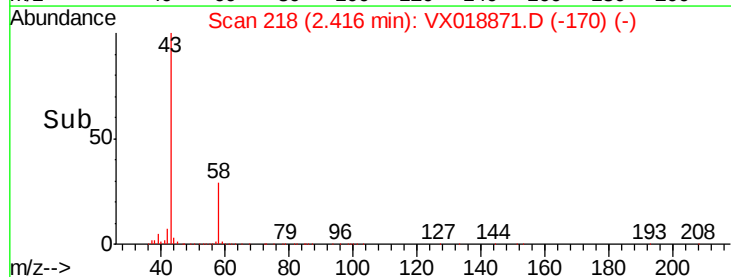
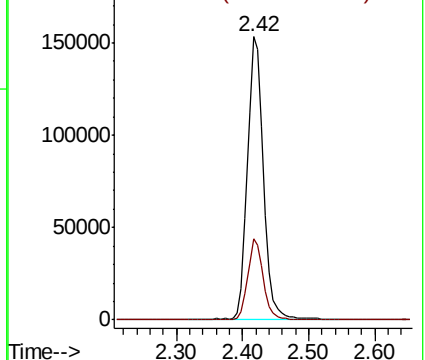
43 100

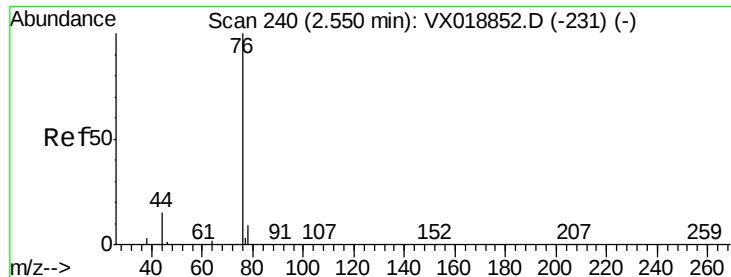
58 28.8 23.0 34.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

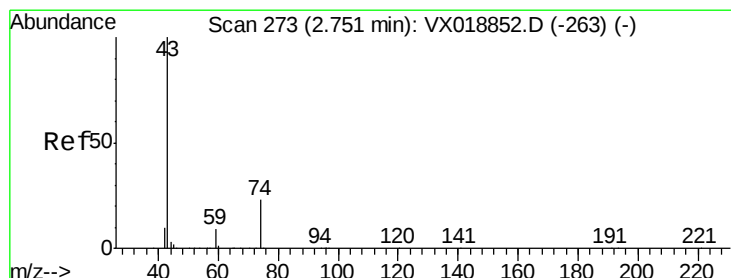
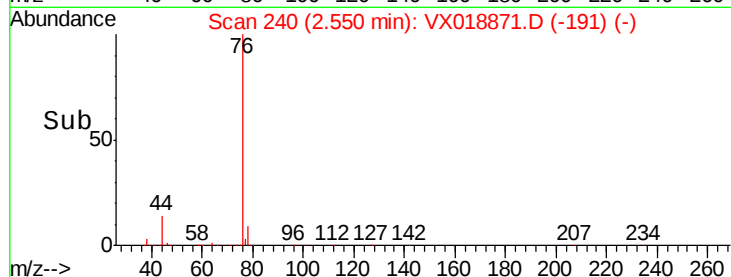
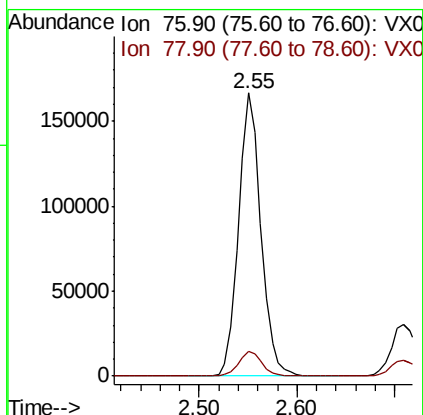
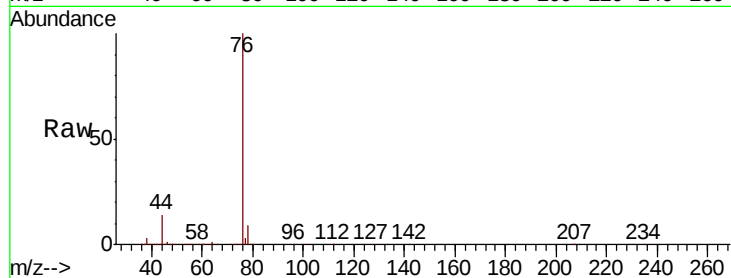




#17
Carbon Disulfide
Concen: 48.483 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

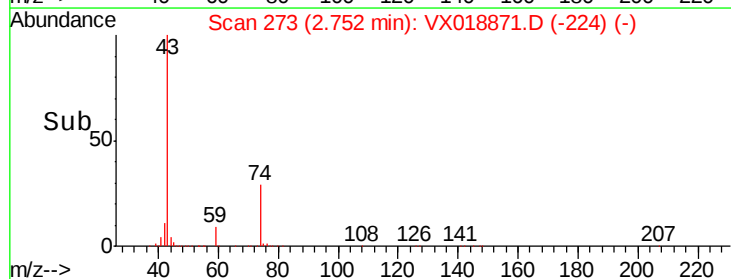
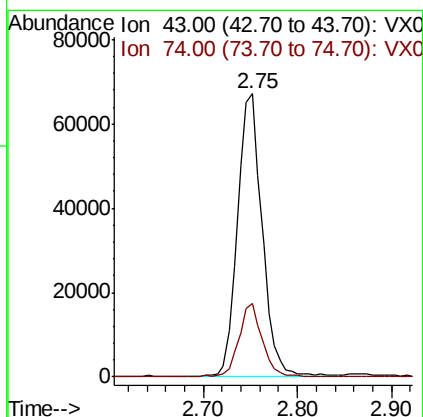
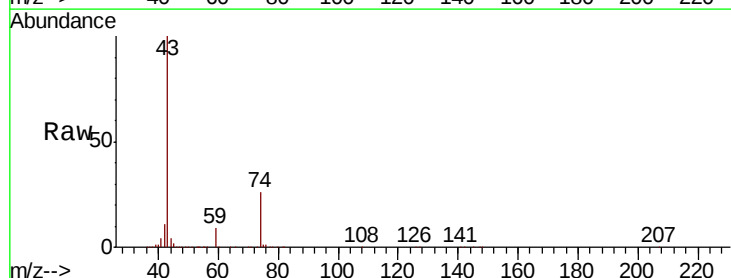
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

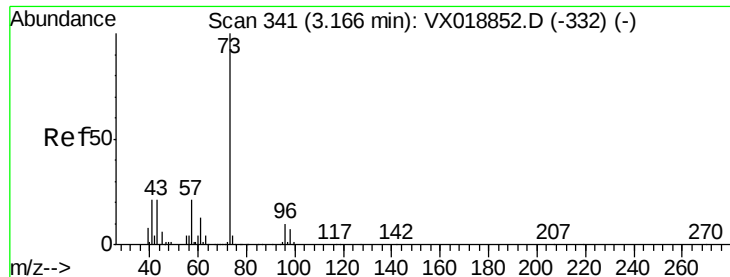
Tot Ion: 76 Resp: 263961
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9



#18
Methyl Acetate
Concen: 49.515 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Tgt Ion: 43 Resp: 122050
Ion Ratio Lower Upper
43 100
74 24.9 18.9 28.3



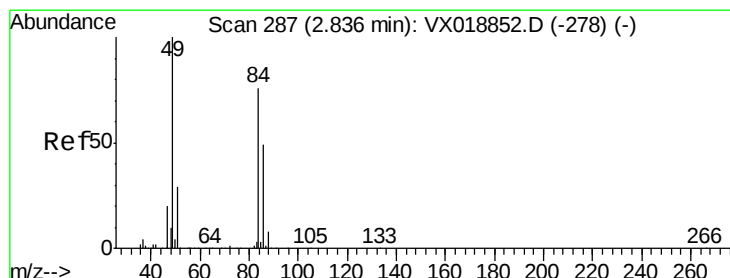
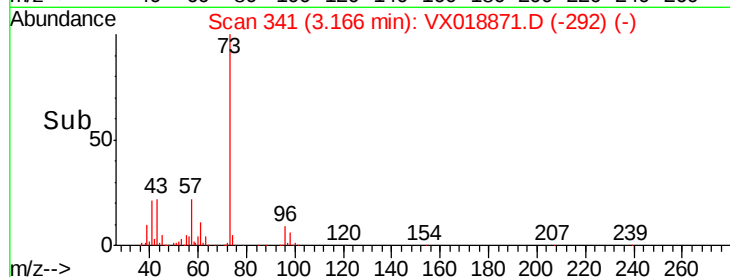
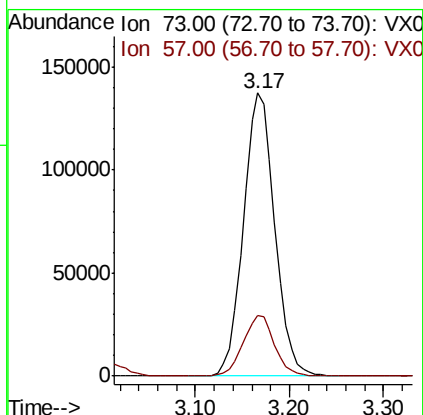
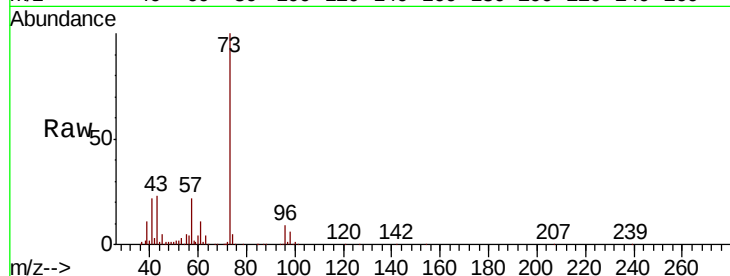


#19

Methyl tert-butyl Ether
 Concen: 51.175 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018871.D
 Acq: 09 Oct 2020 21:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

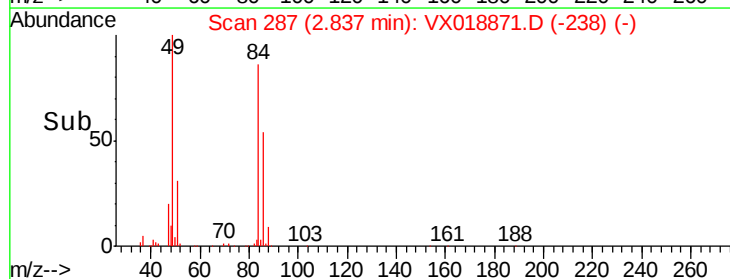
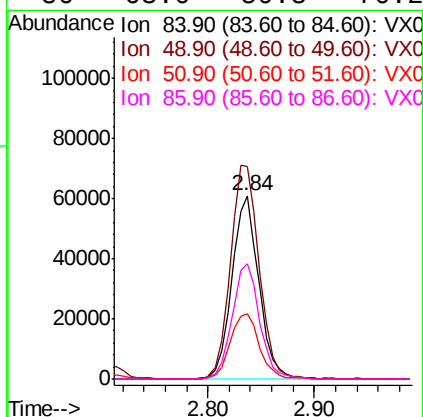
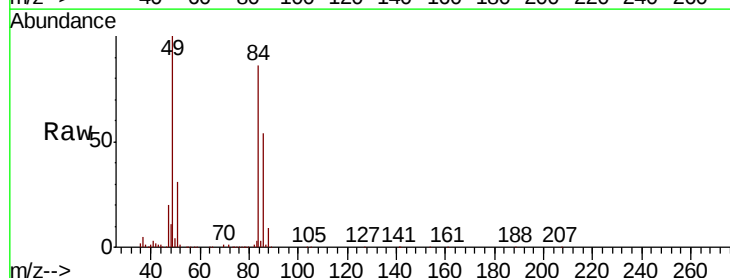
Tot Ion: 73 Resp: 318582
 Ion Ratio Lower Upper
 73 100
 57 21.6 16.7 25.1

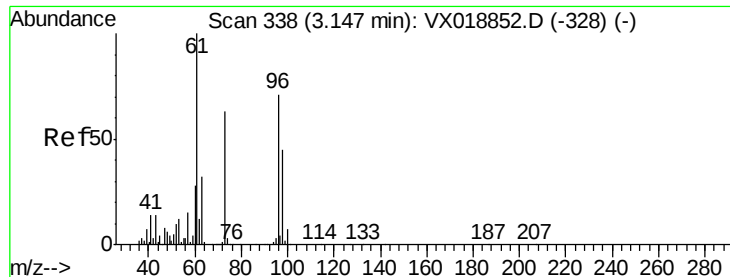


#20

Methylene Chloride
 Concen: 51.161 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX018871.D
 Acq: 09 Oct 2020 21:32

Tgt Ion: 84 Resp: 108231
 Ion Ratio Lower Upper
 84 100
 49 116.2 104.8 157.2
 51 36.0 30.6 46.0
 86 63.0 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 50.374 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.01 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

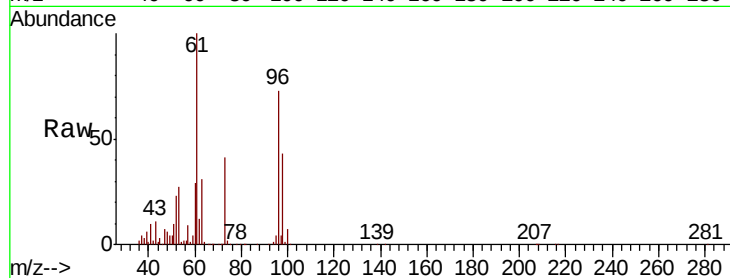
Tot Ion: 96 Resp: 108483

Ion Ratio Lower Upper

96 100

61 136.2 112.0 168.0

98 59.1 50.2 75.2

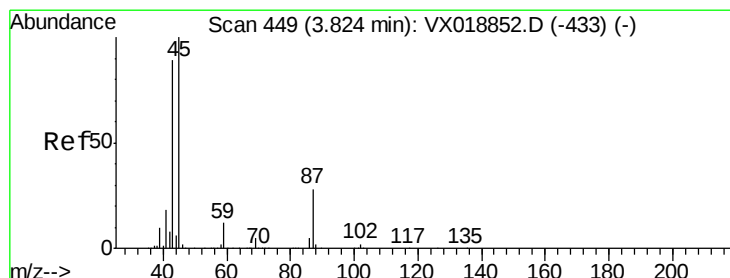
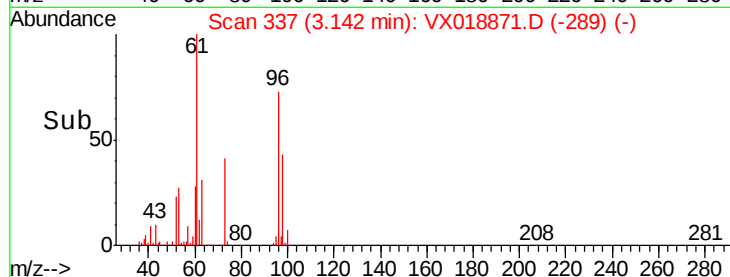
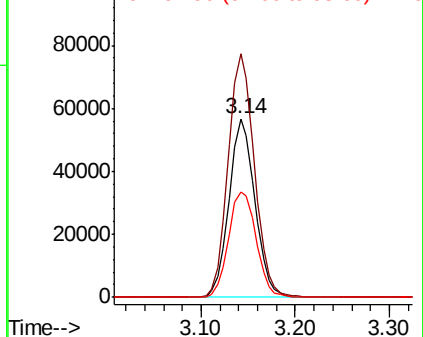


Abundance

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: 50.693 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Tgt Ion: 45 Resp: 305418

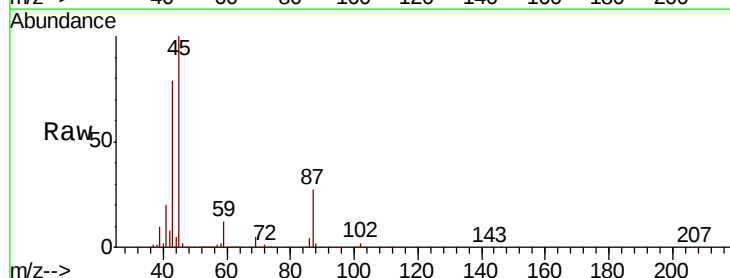
Ion Ratio Lower Upper

45 100

43 78.9 71.2 106.8

87 26.8 22.5 33.7

59 11.6 9.2 13.8



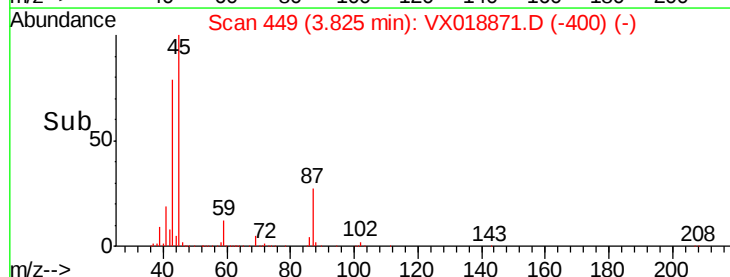
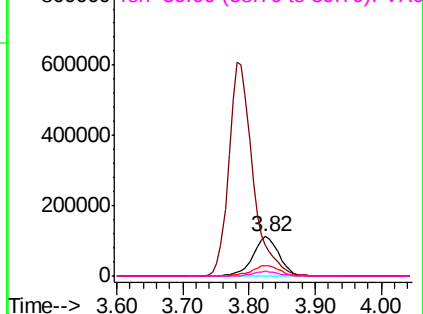
Abundance

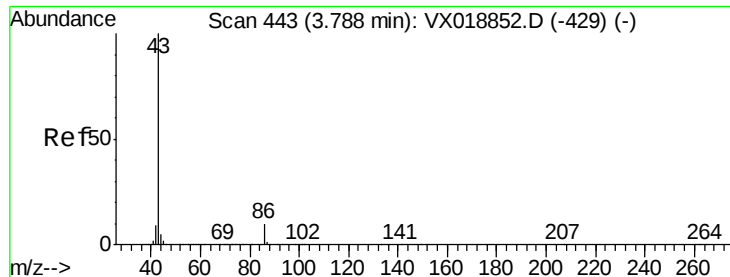
Ion 45.00 (44.70 to 45.70): VX0

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: 263.626 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

ClientSampleId :

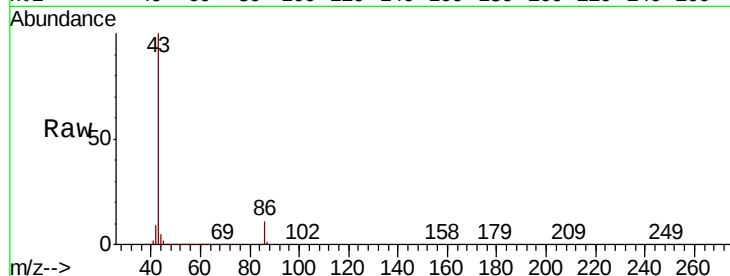
VSTDCCC050EC

Tot Ion: 43 Resp: 1527549

Ion Ratio Lower Upper

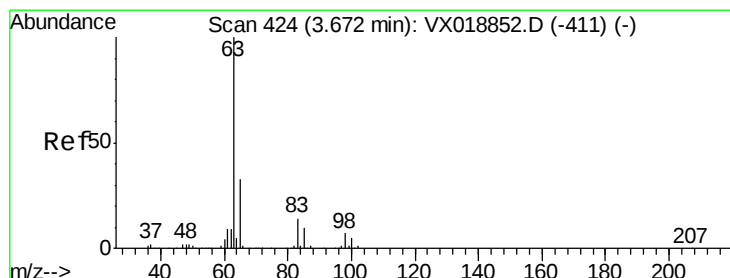
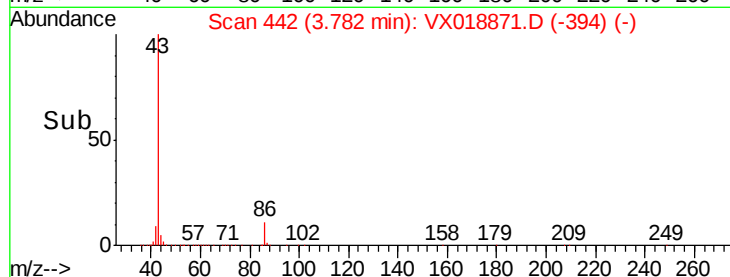
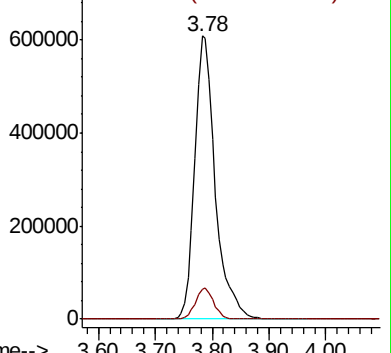
43 100

86 10.6 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.616 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

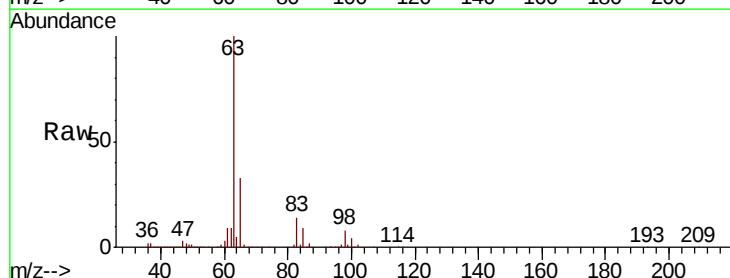
Tgt Ion: 63 Resp: 192880

Ion Ratio Lower Upper

63 100

98 7.7 3.8 11.2

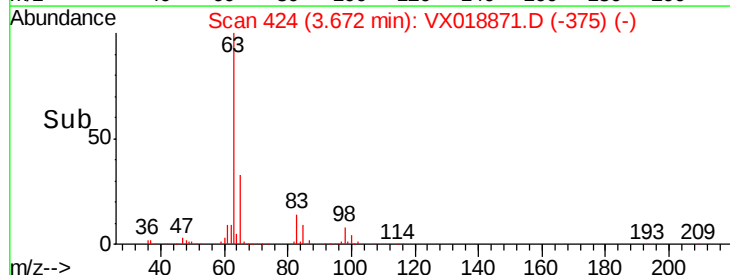
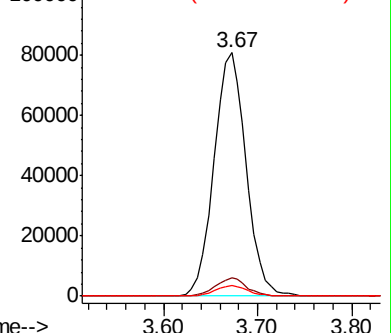
100 4.5 2.5 7.6

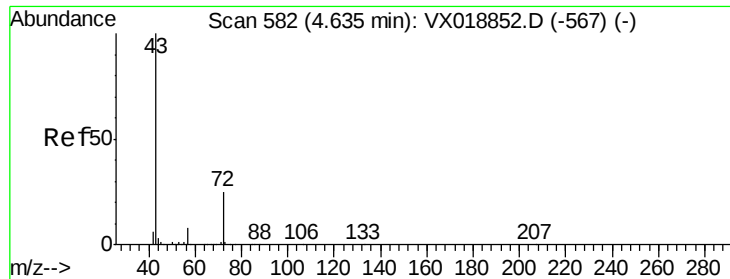


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 242.406 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

ClientSampleId :

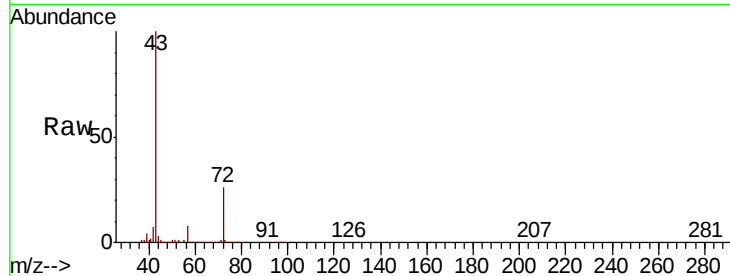
VSTDCCC050EC

Tot Ion: 43 Resp: 389321

Ion Ratio Lower Upper

43 100

72 26.0 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

100000

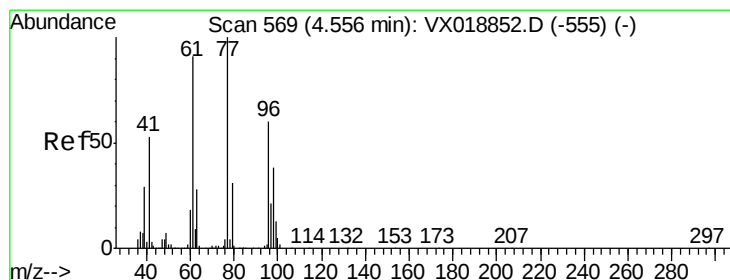
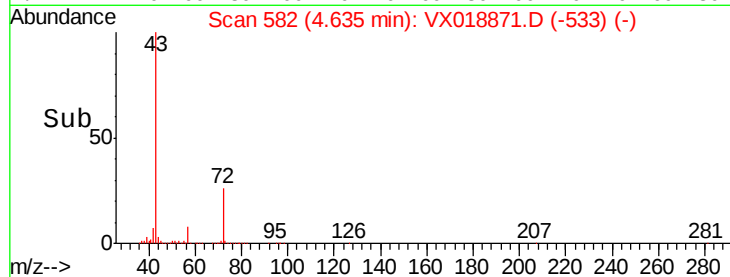
50000

0

4.64

4.50 4.60 4.70

Time-->



#26

2,2-Dichloropropane

Concen: 43.708 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX018871.D

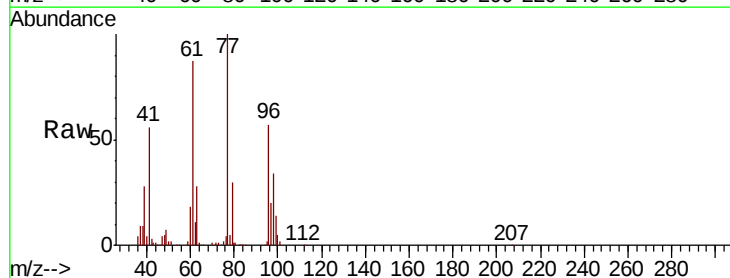
Acq: 09 Oct 2020 21:32

Tgt Ion: 77 Resp: 170826

Ion Ratio Lower Upper

77 100

97 21.0 10.4 31.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

50000

40000

30000

20000

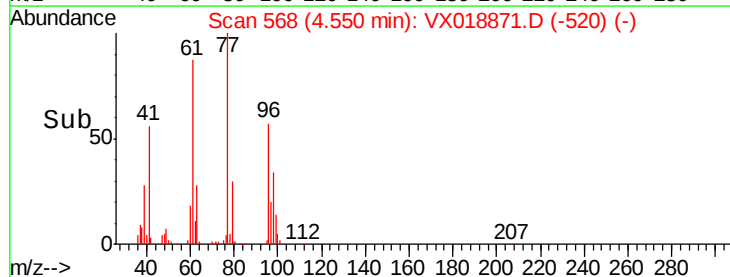
10000

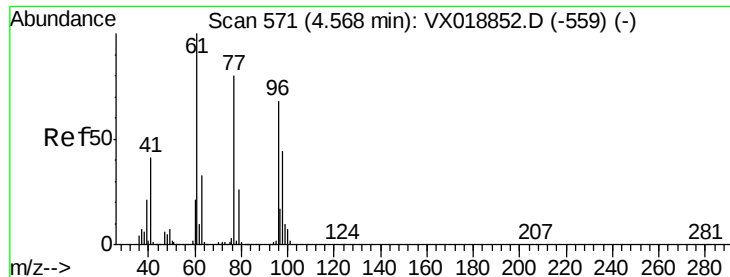
0

4.55

4.40 4.50 4.60 4.70

Time-->



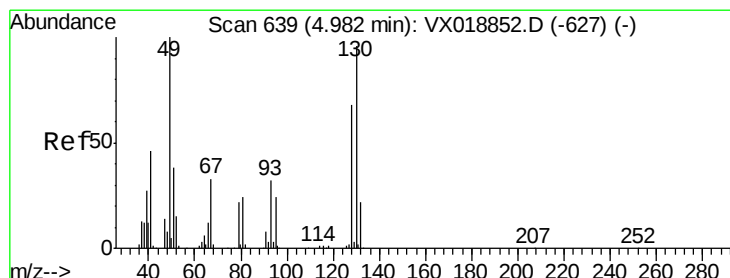
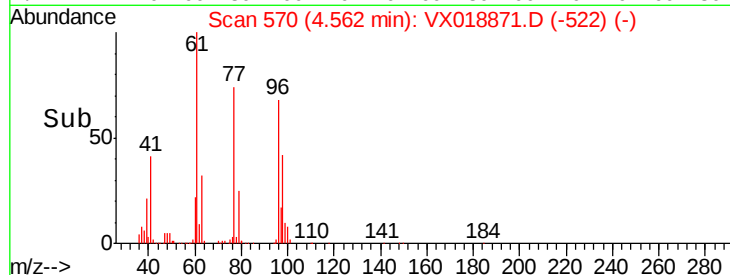
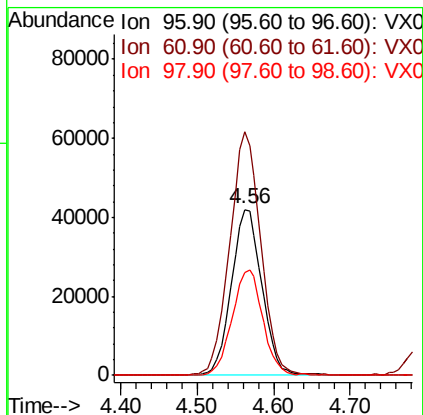
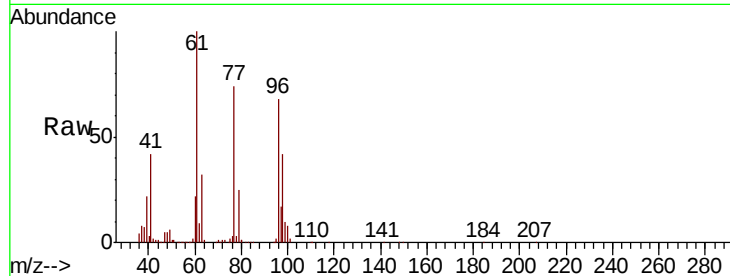


#27

cis-1,2-Dichloroethene
Concen: 48.447 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

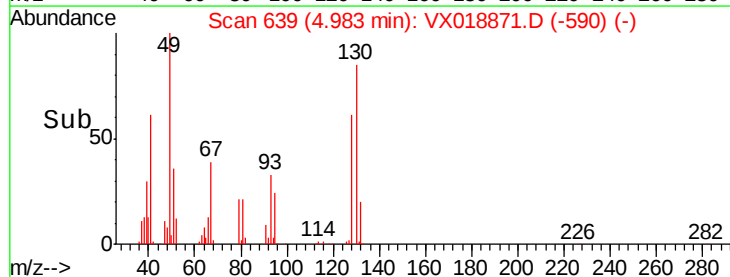
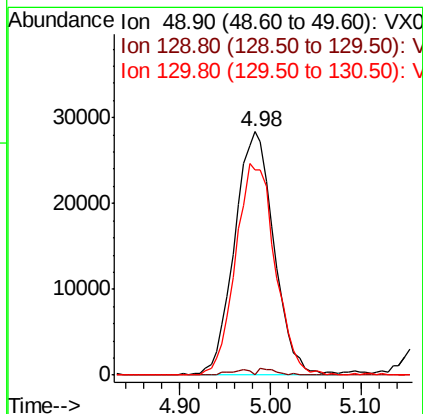
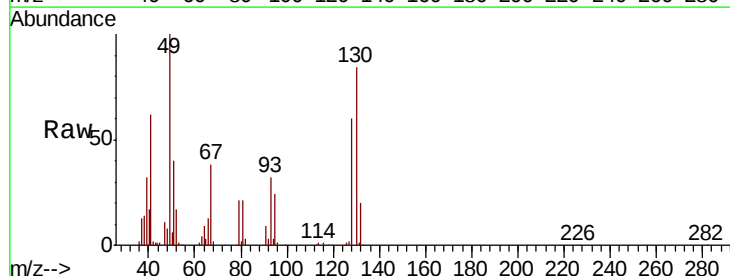
Tot Ion	Ratio	Lower	Upper
96	100		
61	149.4	0.0	306.8
98	63.9	0.0	130.2

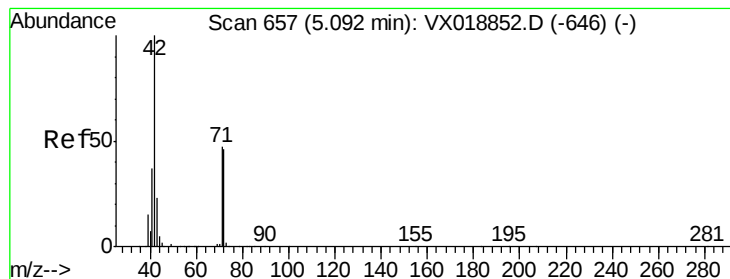


#28

Bromochloromethane
Concen: 47.552 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	5.4
130	87.4	71.2	106.8





#29

Tetrahydrofuran

Concen: 256.228 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

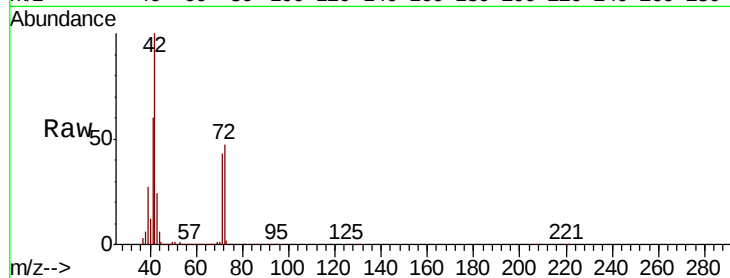
Tot Ion: 42 Resp: 220790

Ion Ratio Lower Upper

42 100

72 46.6 36.4 54.6

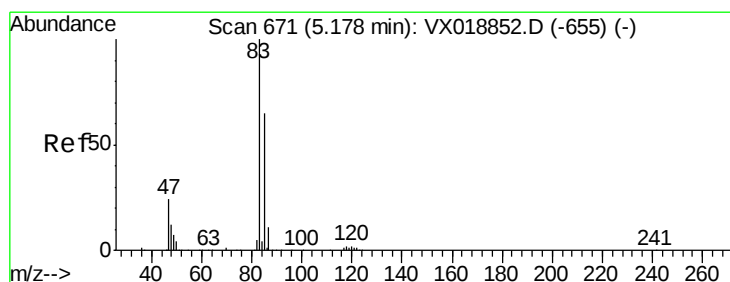
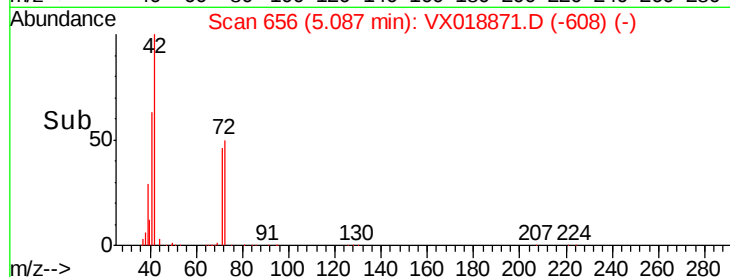
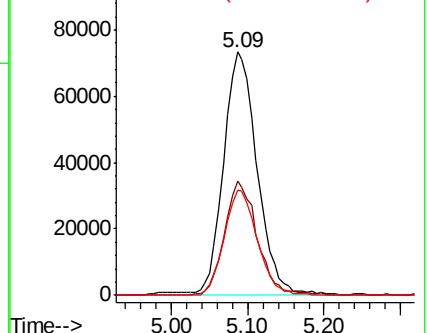
71 43.1 35.2 52.8



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: 48.162 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX018871.D

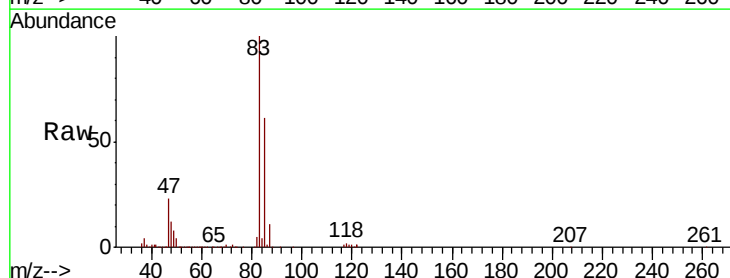
Acq: 09 Oct 2020 21:32

Tgt Ion: 83 Resp: 214942

Ion Ratio Lower Upper

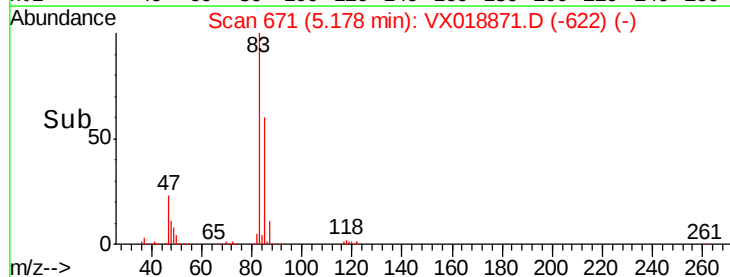
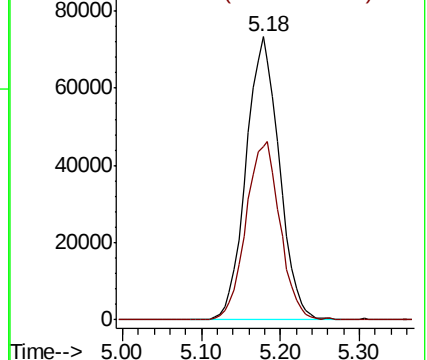
83 100

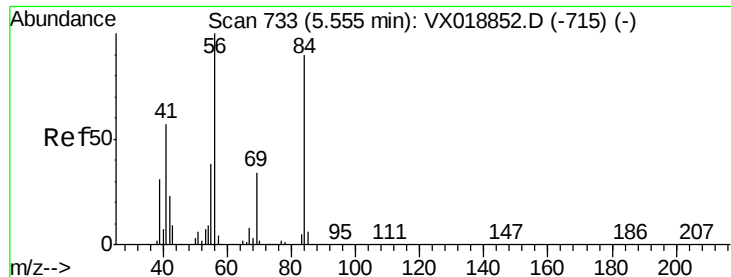
85 61.1 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

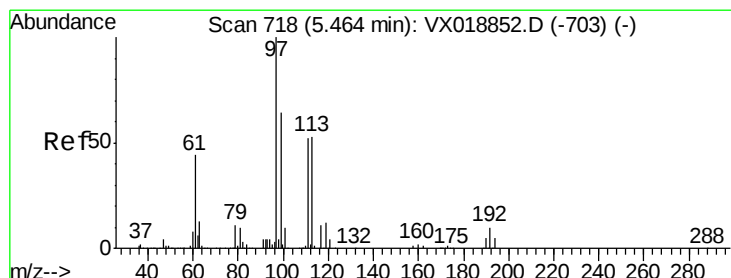
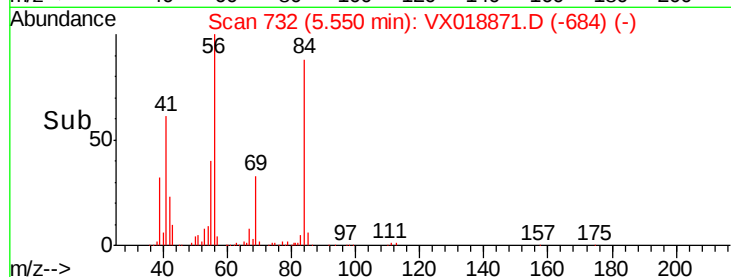
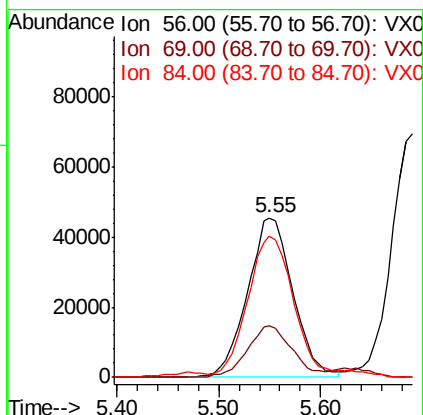
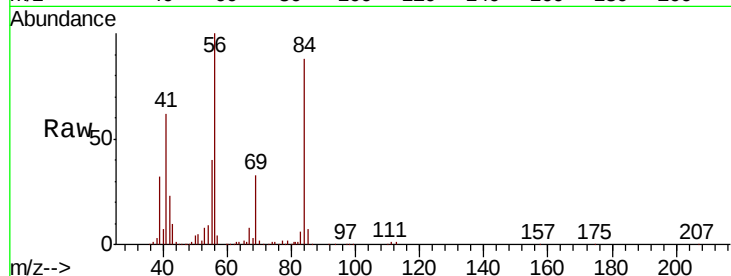




#31
Cyclohexane
Concen: 50.449 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

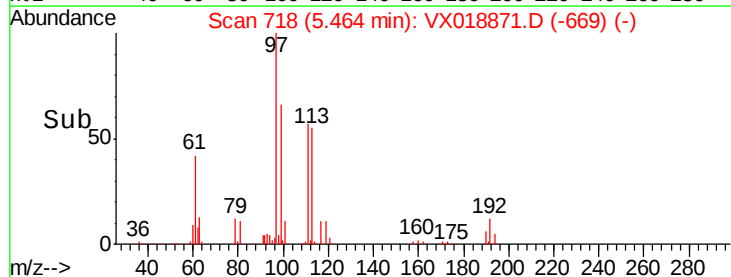
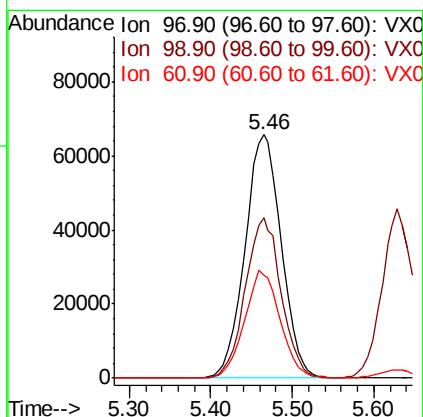
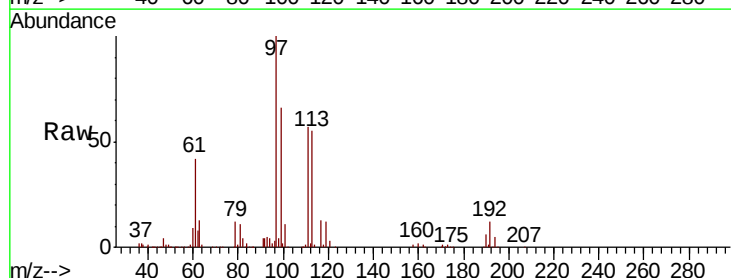
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

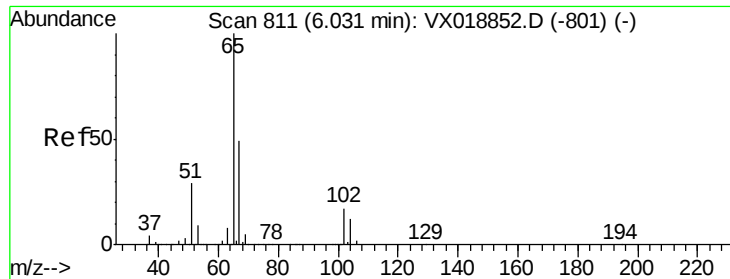
Tot Ion: 56 Resp: 139722
Ion Ratio Lower Upper
56 100
69 32.8 27.1 40.7
84 85.3 71.7 107.5



#32
1,1,1-Trichloroethane
Concen: 48.000 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Tgt Ion: 97 Resp: 203576
Ion Ratio Lower Upper
97 100
99 65.0 52.1 78.1
61 43.2 35.3 52.9

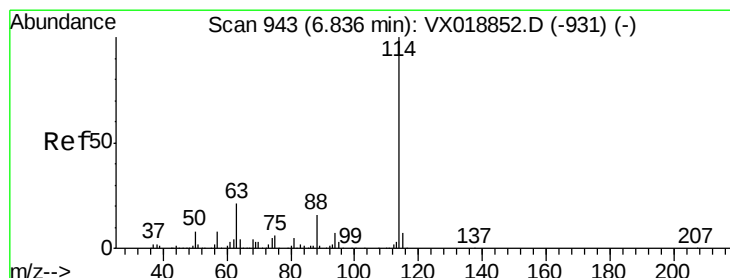
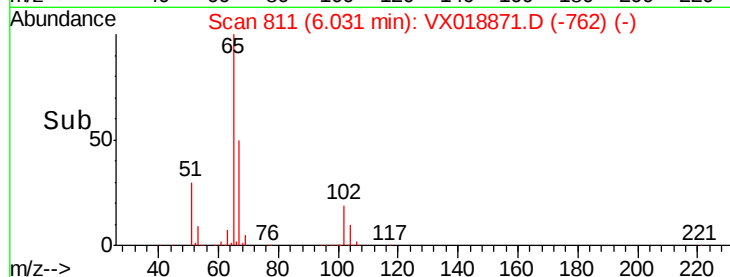
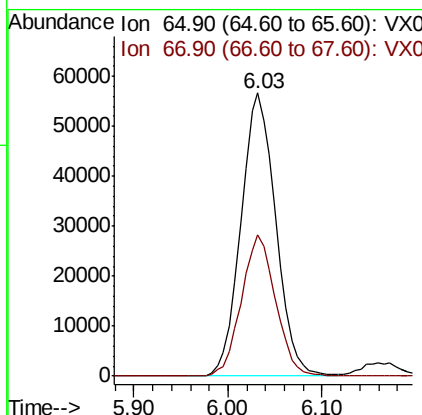
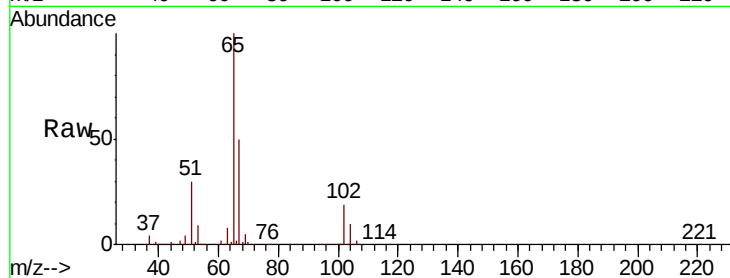




#33
 1,2-Dichloroethane-d4
 Concen: 49.461 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX018871.D
 Acq: 09 Oct 2020 21:32

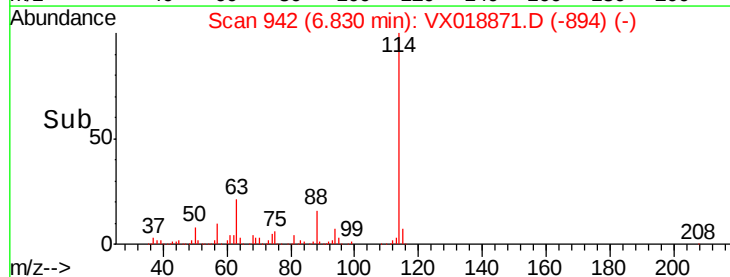
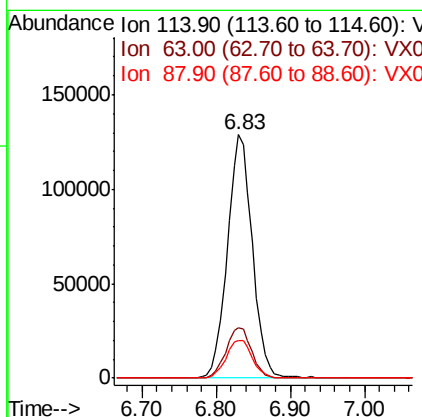
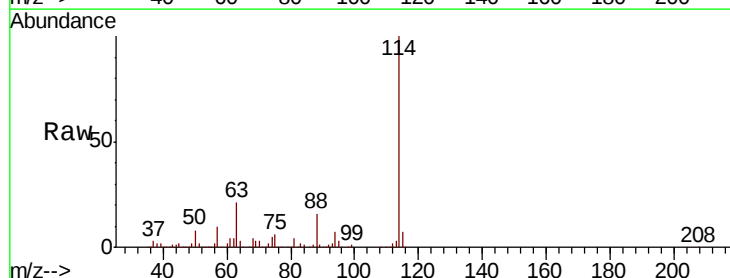
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

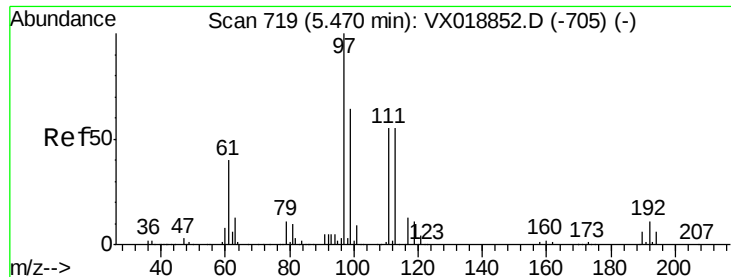
Tot Ion: 65 Resp: 146663
 Ion Ratio Lower Upper
 65 100
 67 48.9 0.0 97.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018871.D
 Acq: 09 Oct 2020 21:32

Tgt Ion: 114 Resp: 300844
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.4
 88 15.6 0.0 32.6

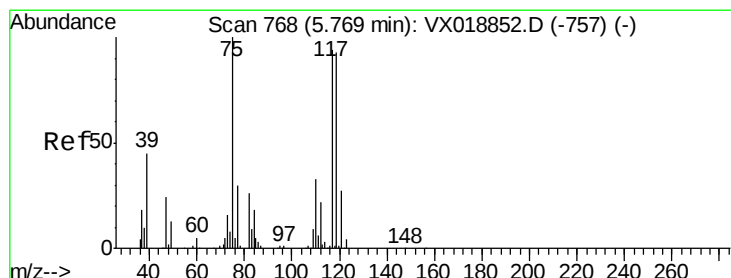
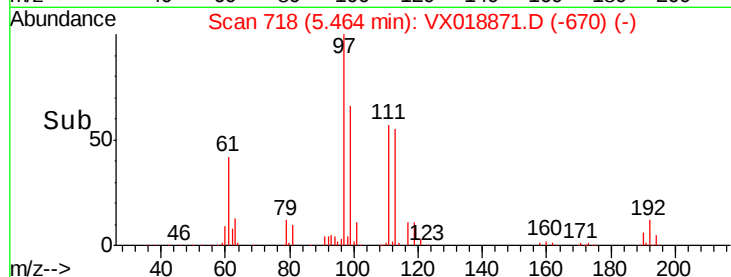
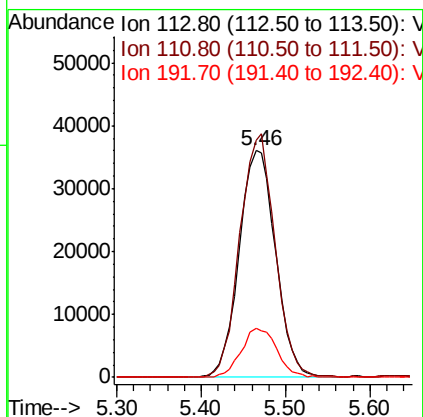
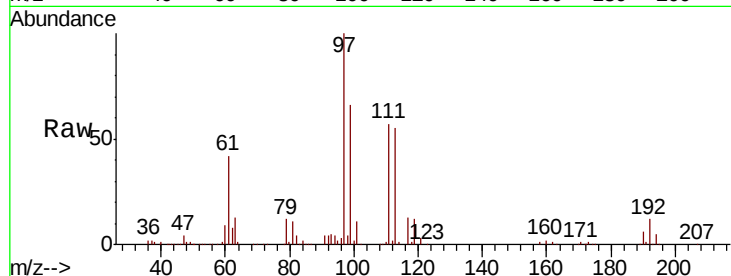




#35
 Dibromofluoromethane
 Concen: 49.251 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX018871.D
 Acq: 09 Oct 2020 21:32

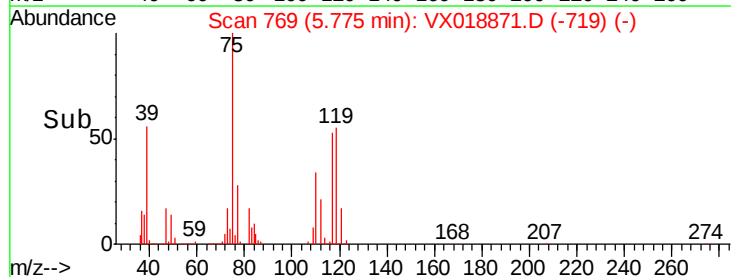
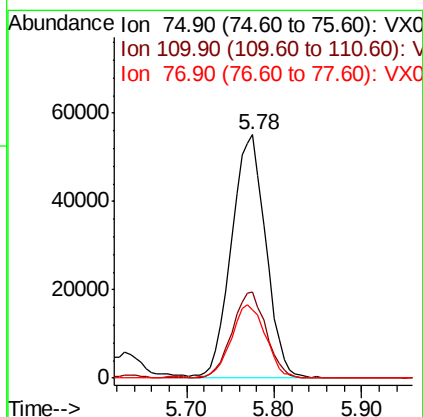
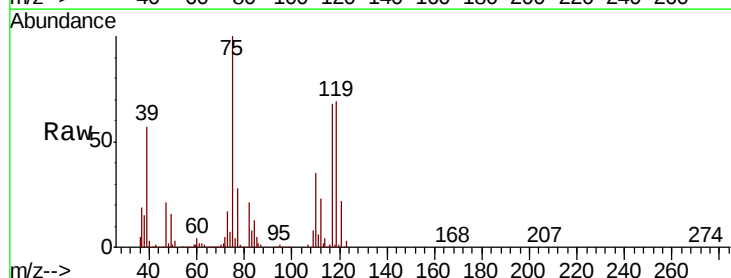
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

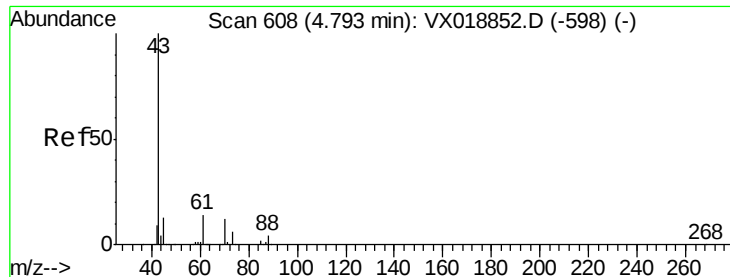
Tot Ion:113 Resp: 105595
 Ion Ratio Lower Upper
 113 100
 111 103.6 80.1 120.1
 192 21.1 16.0 24.0



#36
 1,1-Dichloropropene
 Concen: 47.462 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX018871.D
 Acq: 09 Oct 2020 21:32

Tgt Ion: 75 Resp: 150125
 Ion Ratio Lower Upper
 75 100
 110 35.3 17.8 53.5
 77 30.2 24.2 36.4

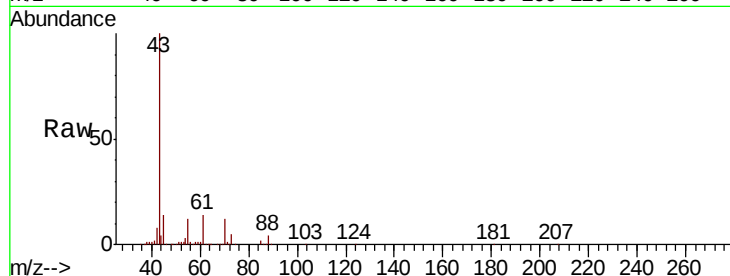




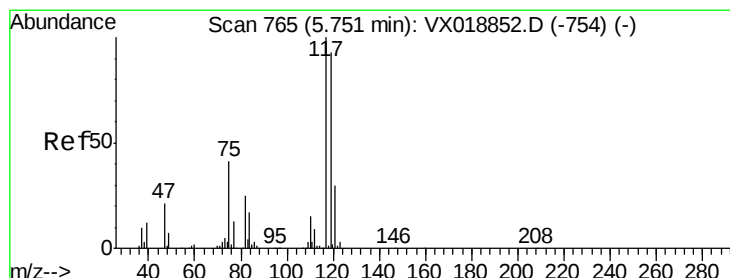
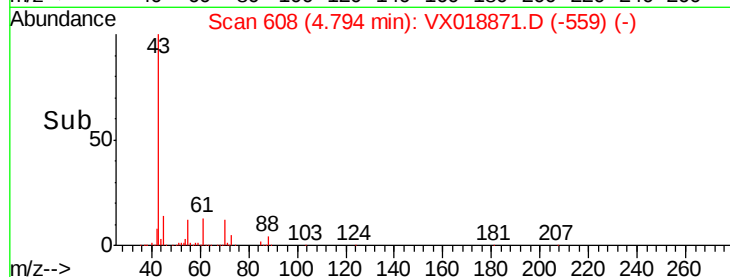
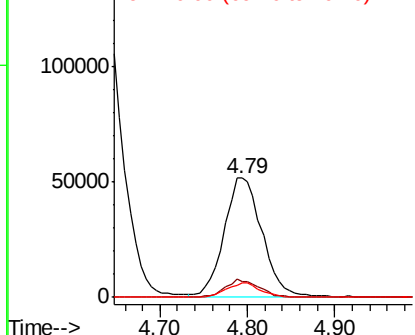
#37
Ethyl Acetate
Concen: 50.371 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.9	16.3
70	11.3	8.6	13.0

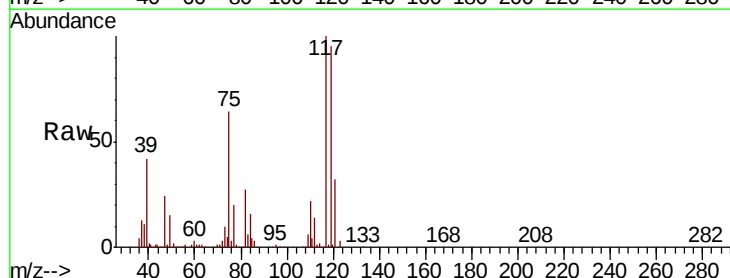


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

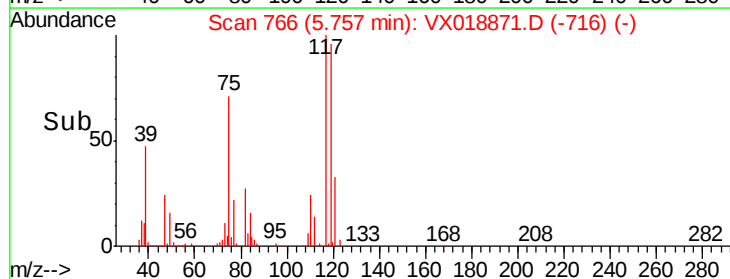
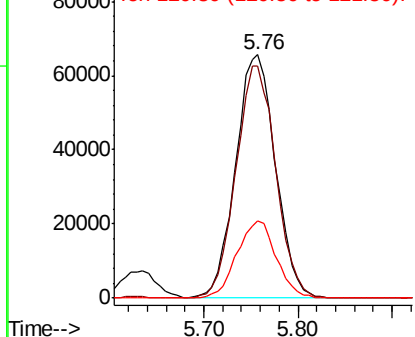


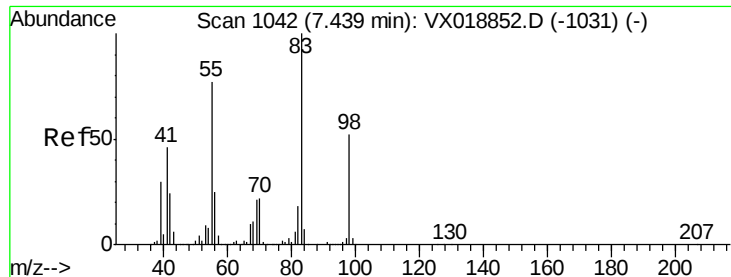
#38
Carbon Tetrachloride
Concen: 49.310 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	73.9	110.9
121	31.7	23.6	35.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

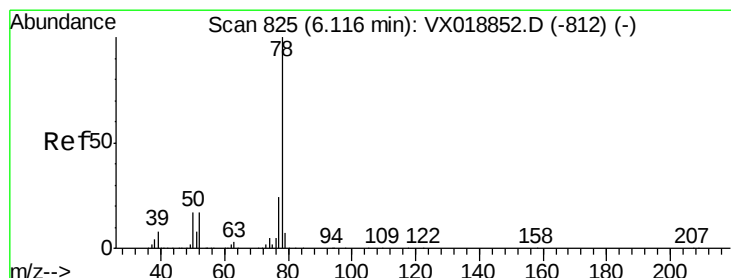
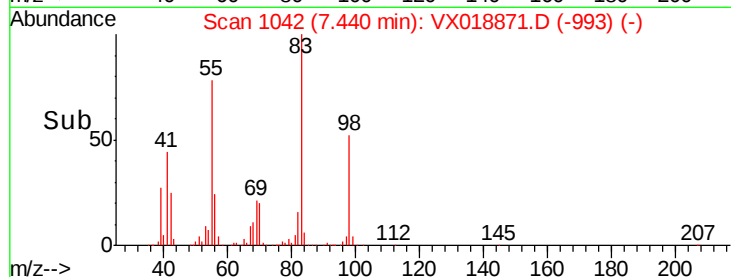
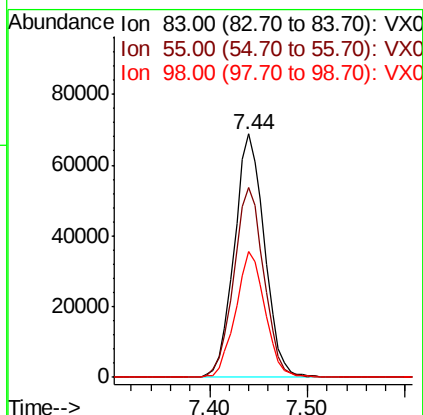
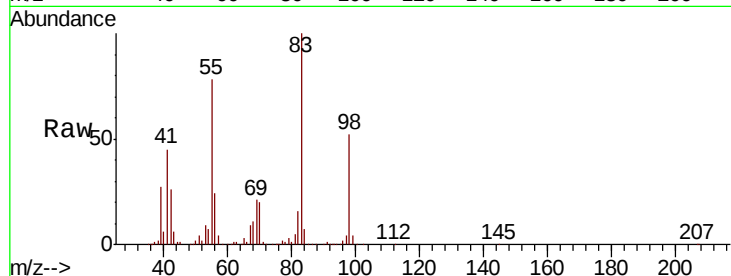




#39
Methvlcvclohexane
Concen: 50.481 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

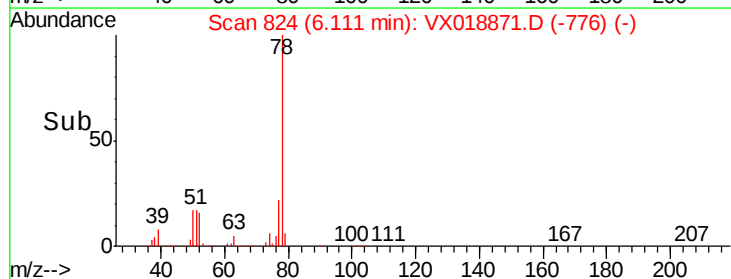
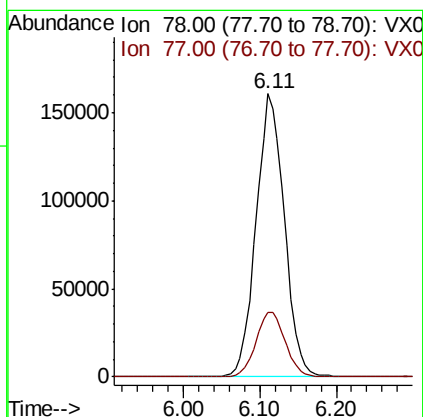
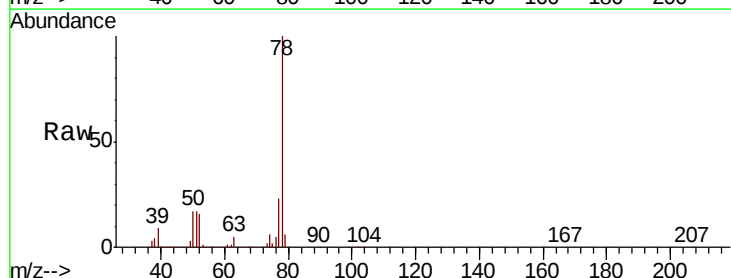
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

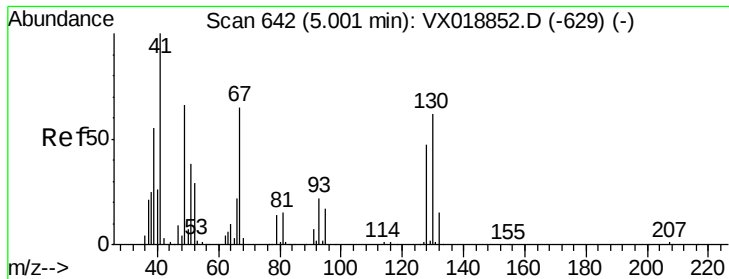
Tot Ion: 83 Resp: 147191
Ion Ratio Lower Upper
83 100
55 77.8 61.8 92.6
98 51.6 41.4 62.0



#40
Benzene
Concen: 48.689 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Tgt Ion: 78 Resp: 413762
Ion Ratio Lower Upper
78 100
77 22.7 19.1 28.7

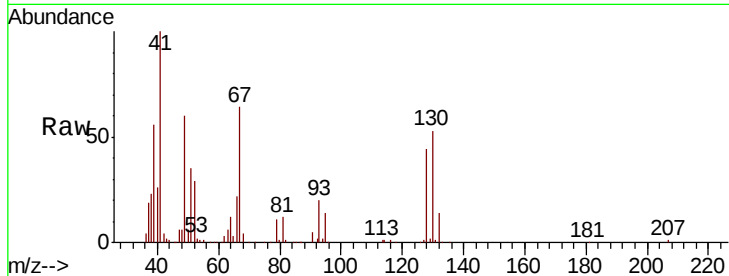




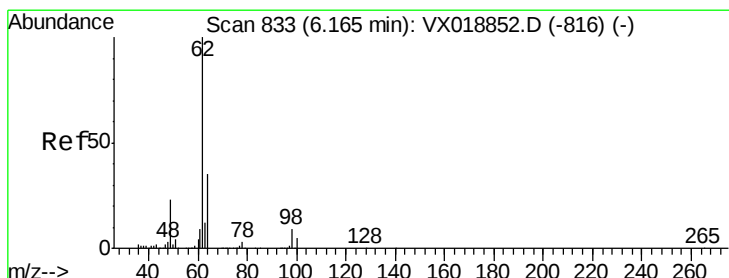
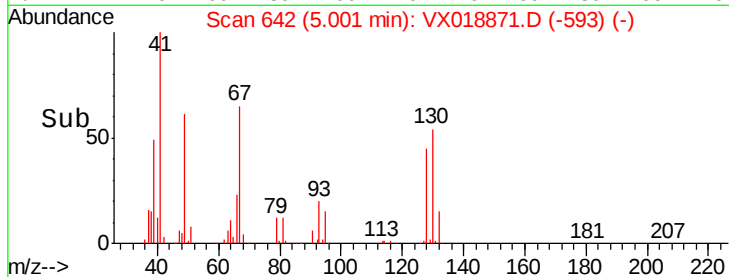
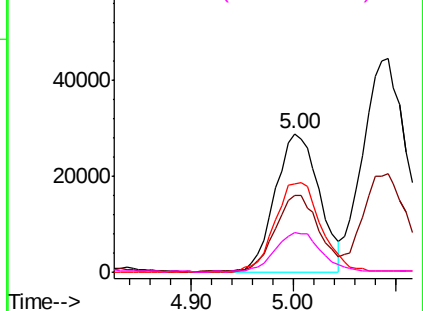
#41
Methacrylonitrile
Concen: 48.884 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	86621
Ion	Ratio	Lower	Upper
41	100		
39	54.4	45.4	68.2
67	68.5	55.4	83.2
52	31.2	23.8	35.8

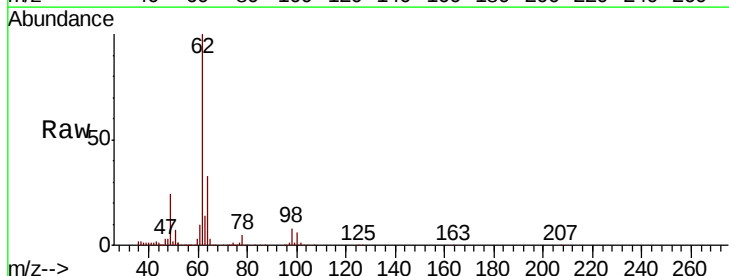


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

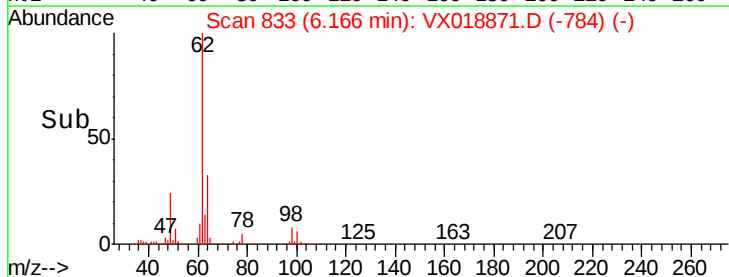
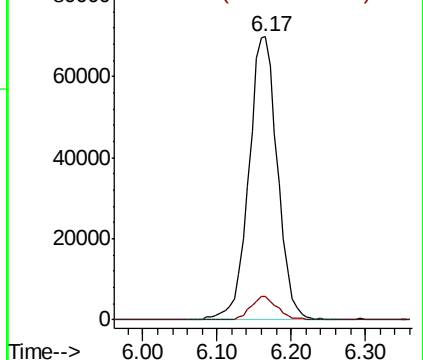


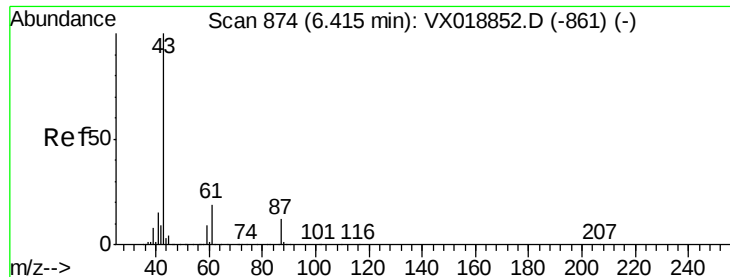
#42
1,2-Dichloroethane
Concen: 47.290 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Tgt Ion:	62	Resp:	188407
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	16.4



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



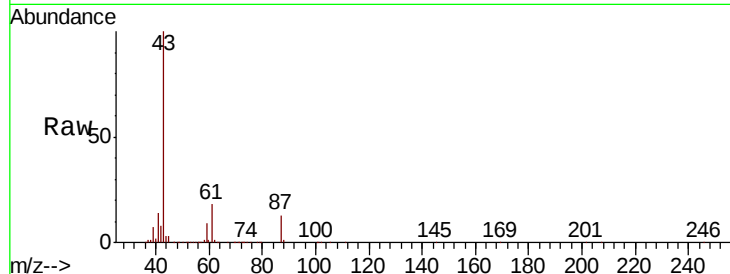


#43

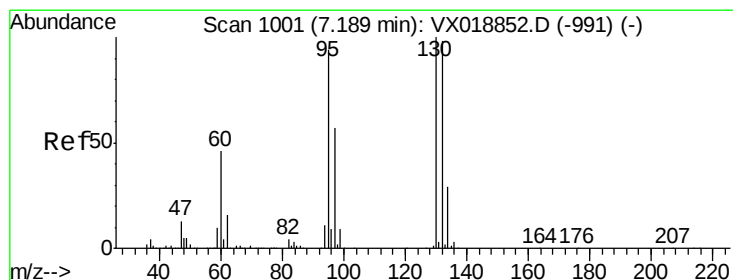
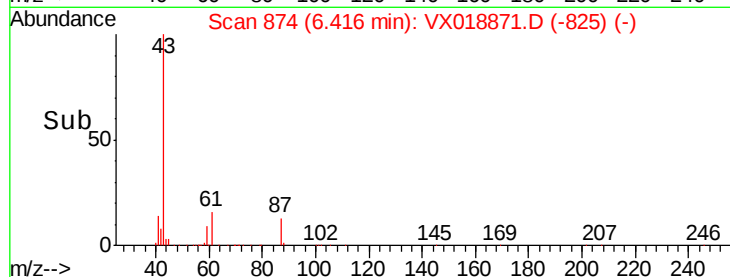
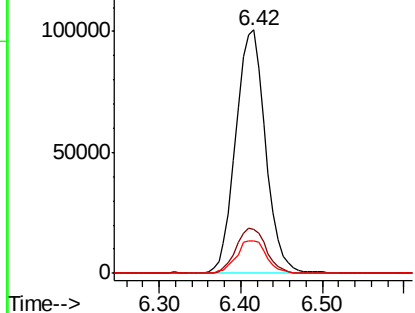
Isopropyl Acetate
 Concen: 49.703 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX018871.D
 Acq: 09 Oct 2020 21:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 252309
 Ion Ratio Lower Upper
 43 100
 61 19.1 15.5 23.3
 87 13.6 10.8 16.2



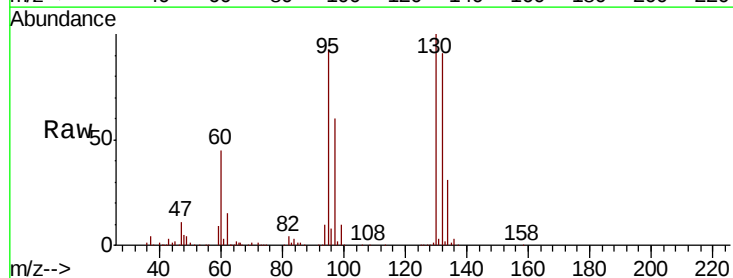
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



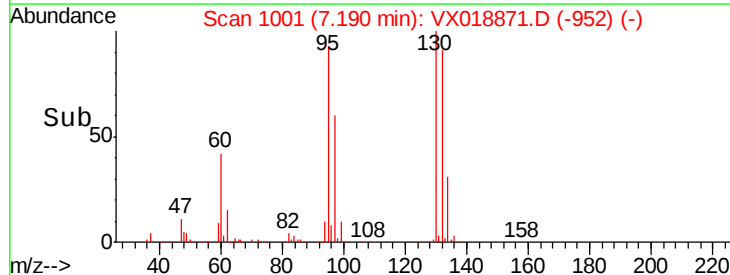
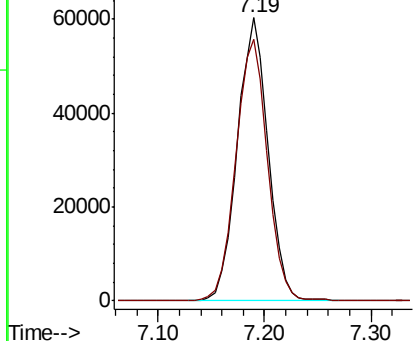
#44

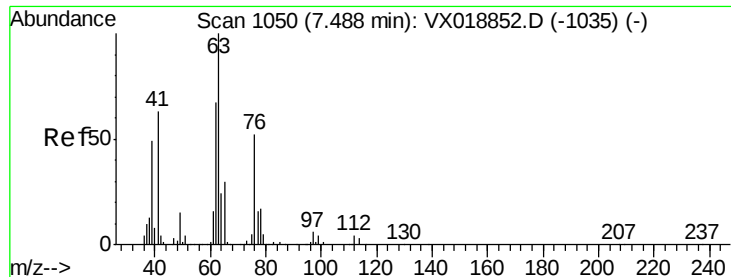
Trichloroethene
 Concen: 47.995 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018871.D
 Acq: 09 Oct 2020 21:32

Tgt Ion: 130 Resp: 122316
 Ion Ratio Lower Upper
 130 100
 95 92.6 0.0 188.4



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





#45

1,2-Dichloropropane

Concen: 48.165 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

ClientSampleId :

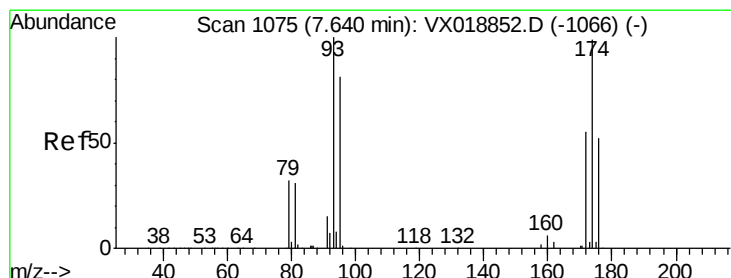
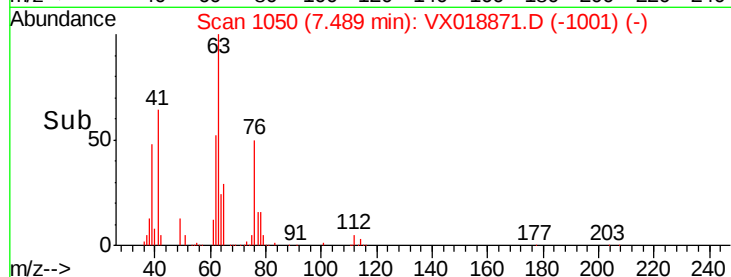
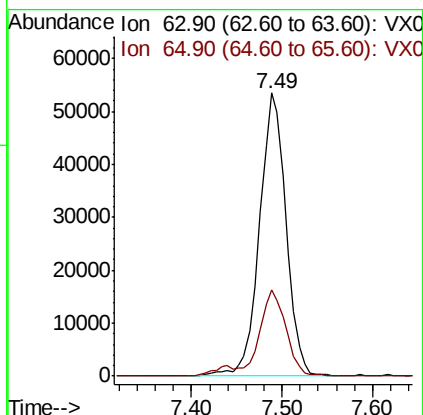
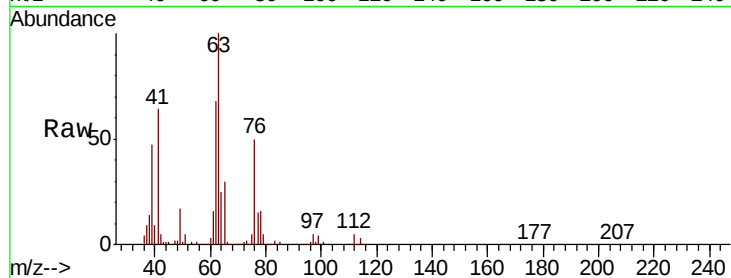
VSTDCCC050EC

Tot Ion: 63 Resp: 108302

Ion Ratio Lower Upper

63 100

65 30.4 24.2 36.4



#46

Dibromomethane

Concen: 49.161 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

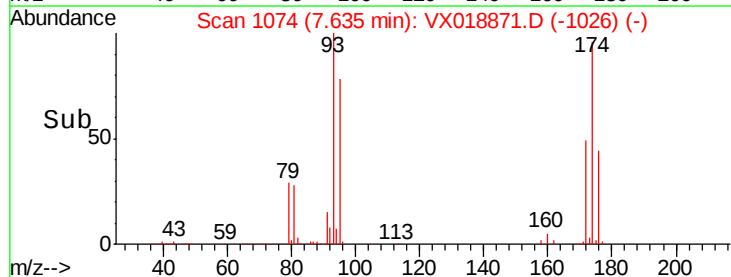
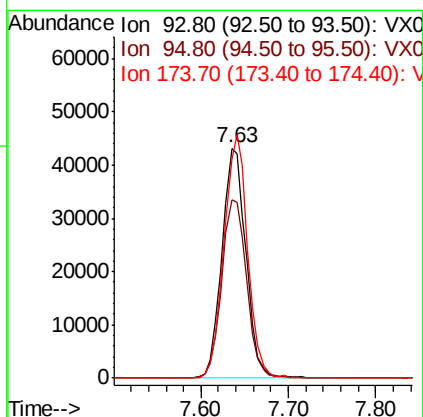
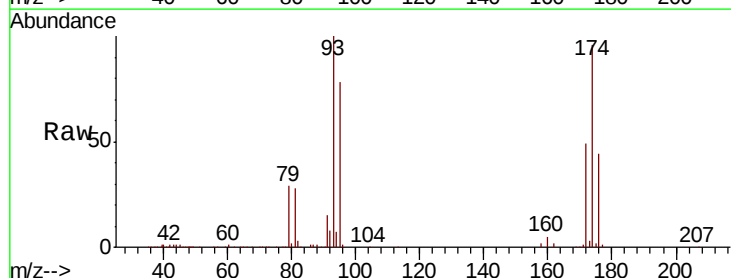
Tgt Ion: 93 Resp: 81690

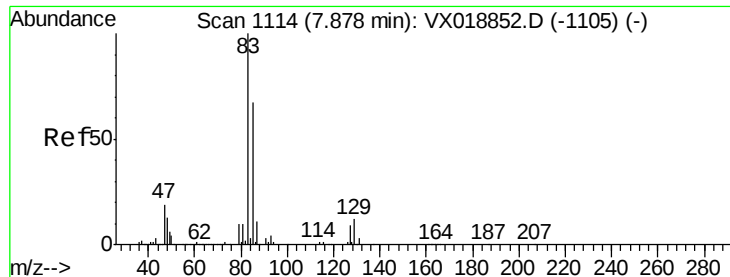
Ion Ratio Lower Upper

93 100

95 80.9 66.1 99.1

174 104.2 84.6 127.0





#47

Bromodichloromethane

Concen: 48.826 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

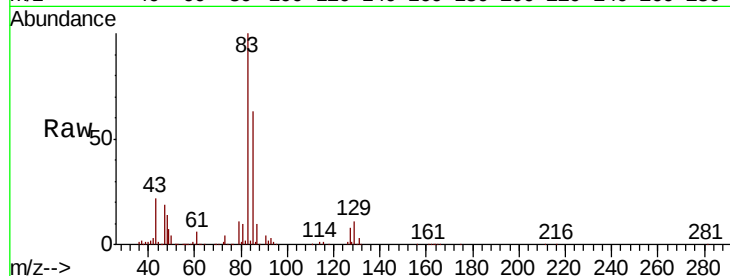
Tot Ion: 83 Resp: 175817

Ion Ratio Lower Upper

83 100

85 63.3 53.8 80.6

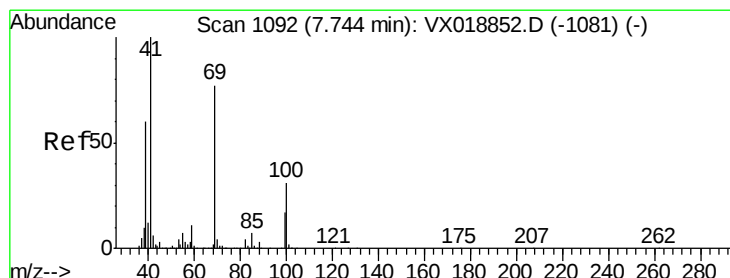
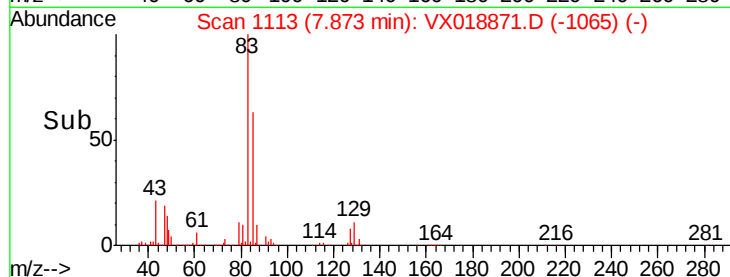
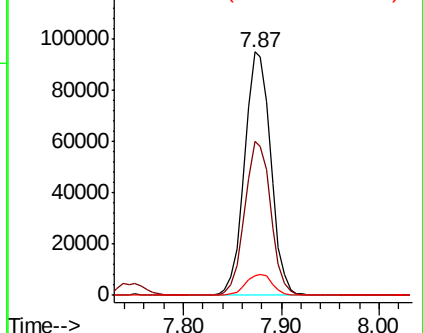
127 8.0 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.153 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

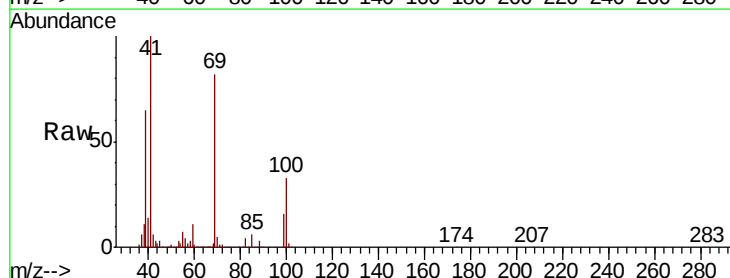
Tgt Ion: 41 Resp: 129185

Ion Ratio Lower Upper

41 100

69 82.0 64.6 97.0

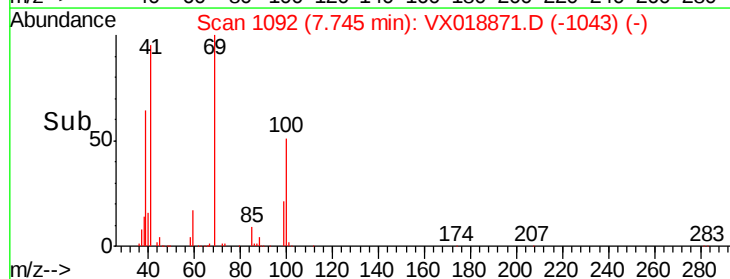
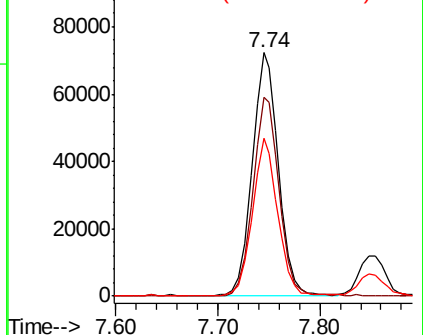
39 62.4 48.6 73.0

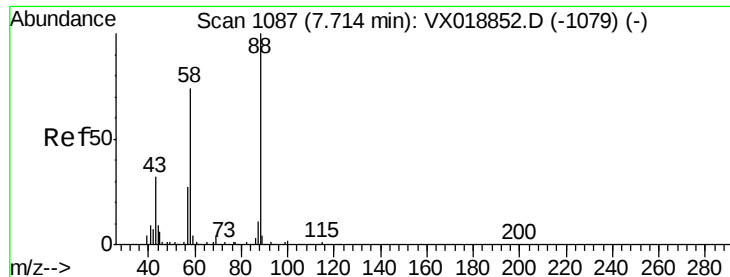


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 964.689 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

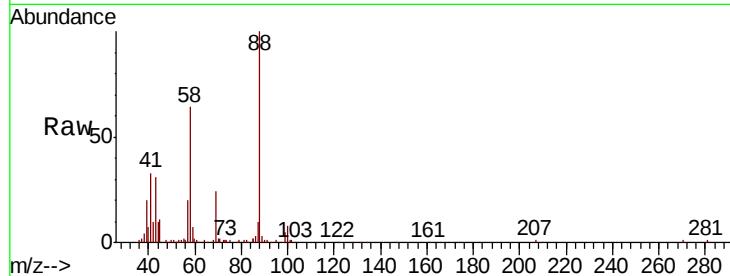
Tot Ion: 88 Resp: 34842

Ion Ratio Lower Upper

88 100

43 37.8 31.0 46.6

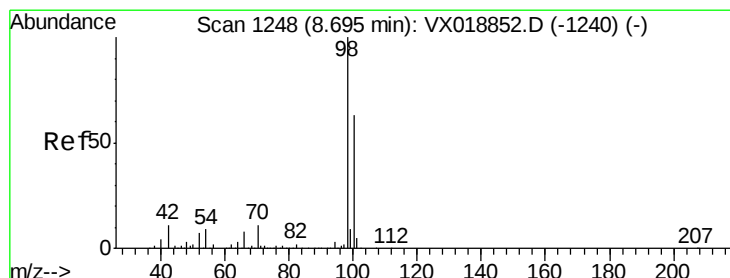
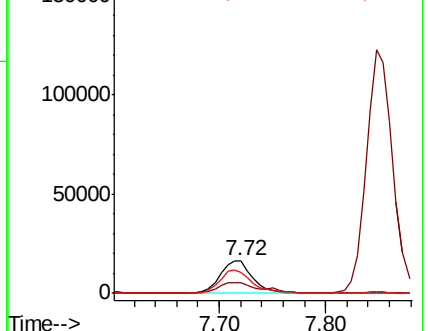
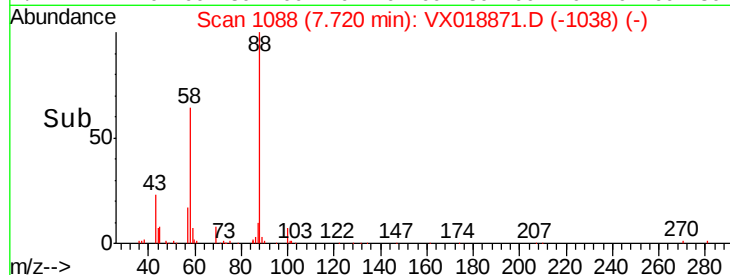
58 74.0 59.3 88.9



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: 50.313 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018871.D

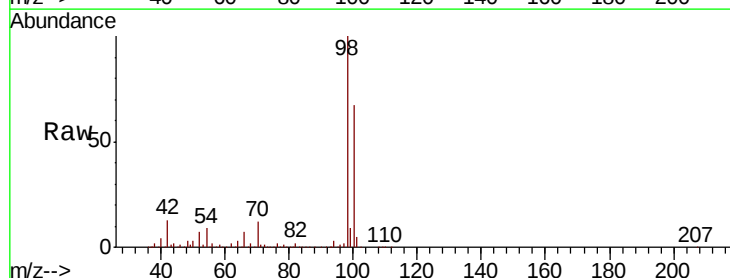
Acq: 09 Oct 2020 21:32

Tgt Ion: 98 Resp: 374178

Ion Ratio Lower Upper

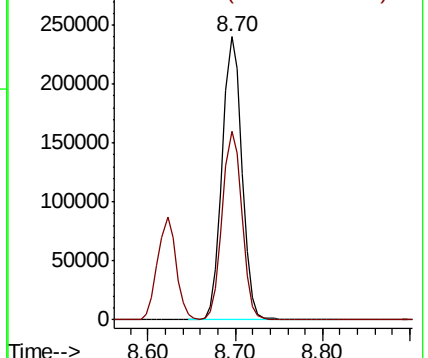
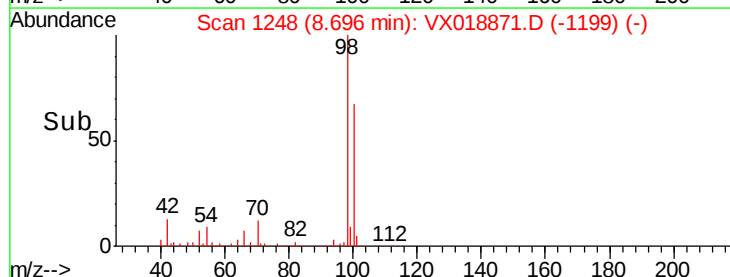
98 100

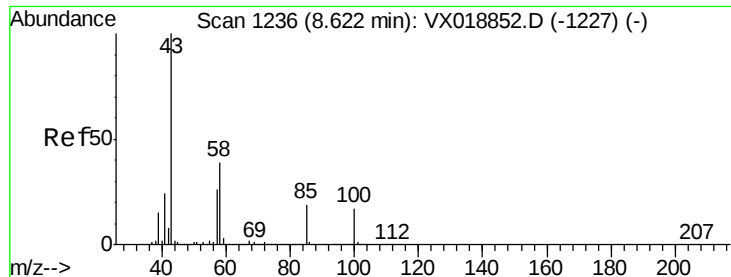
100 66.5 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

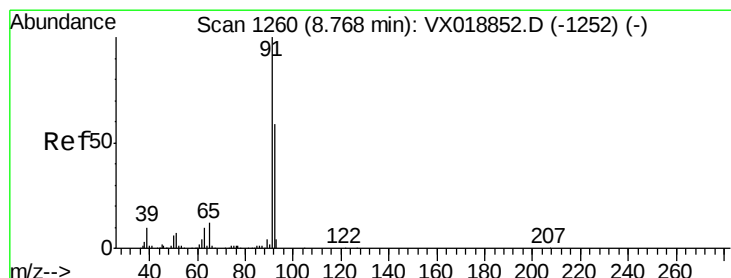
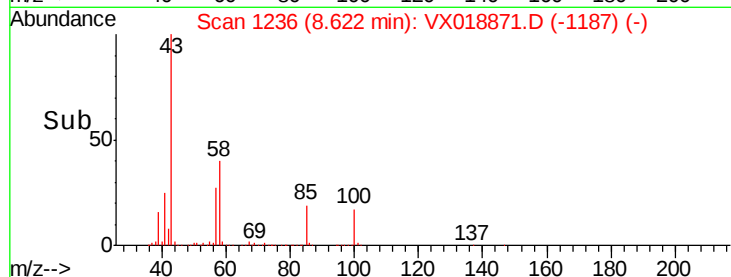
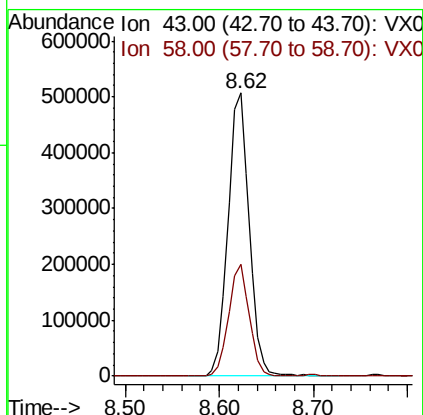
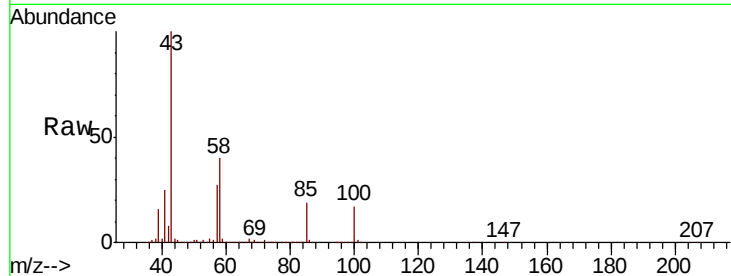




#51
 4-Methyl-2-Pentanone
 Concen: 267.091 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX018871.D
 Acq: 09 Oct 2020 21:32

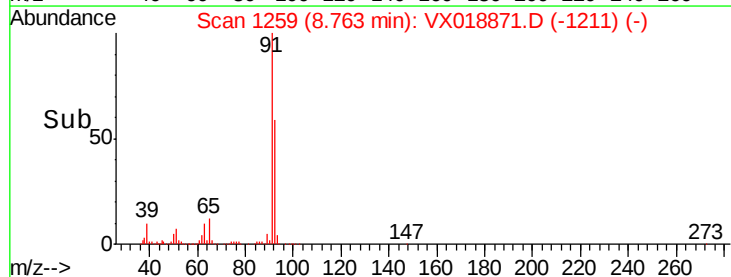
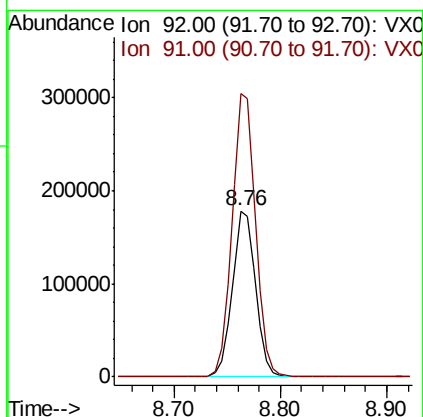
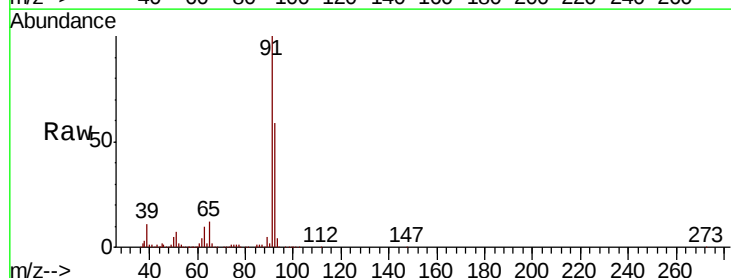
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

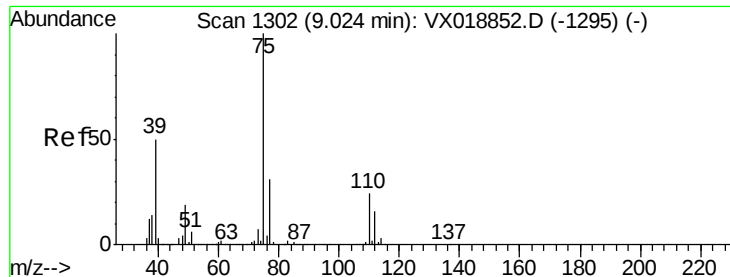
Tot Ion: 43 Resp: 791354
 Ion Ratio Lower Upper
 43 100
 58 38.4 30.9 46.3



#52
 Toluene
 Concen: 50.038 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX018871.D
 Acq: 09 Oct 2020 21:32

Tgt Ion: 92 Resp: 272881
 Ion Ratio Lower Upper
 92 100
 91 172.3 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 49.667 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

ClientSampleId :

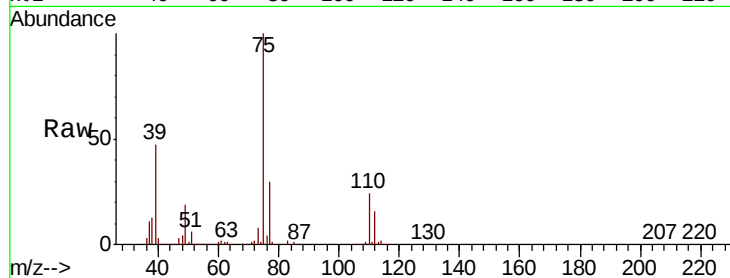
VSTDCCC050EC

Tot Ion: 75 Resp: 185186

Ion Ratio Lower Upper

75 100

77 30.2 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

150000

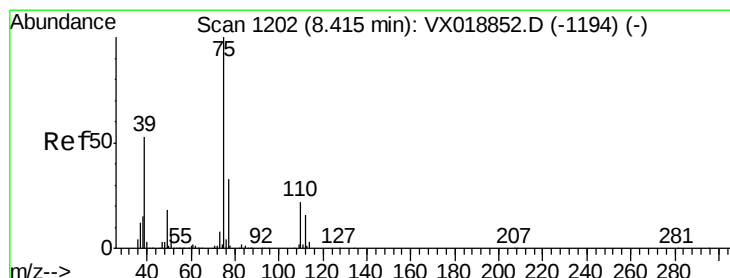
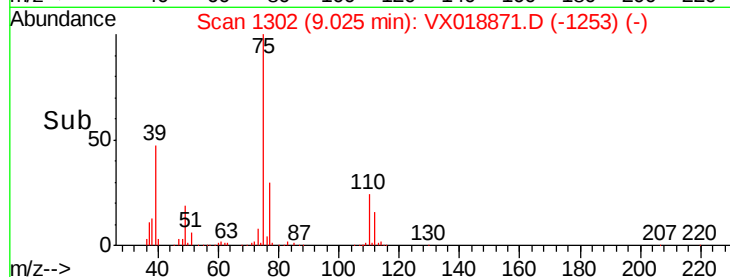
100000

50000

0

8.95 9.00 9.05 9.10 9.15

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.028 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

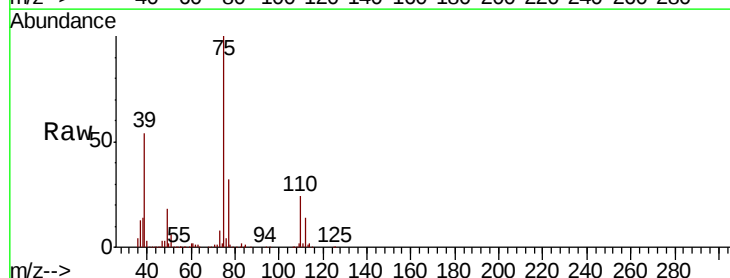
Tgt Ion: 75 Resp: 188049

Ion Ratio Lower Upper

75 100

77 31.6 26.6 39.8

39 54.0 42.6 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

150000

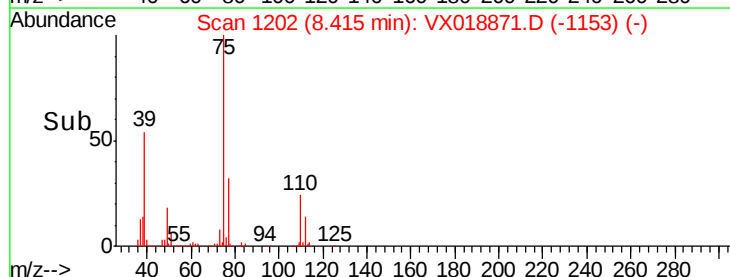
100000

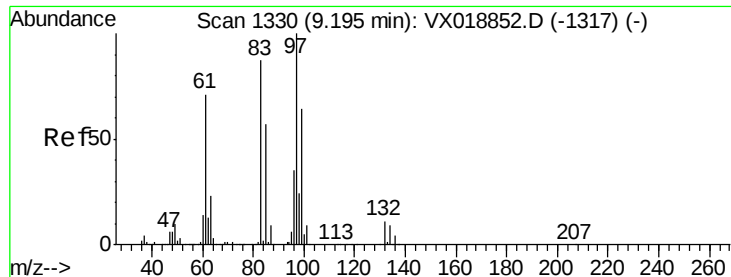
50000

0

8.35 8.40 8.45 8.50

Time-->





#55

1,1,2-Trichloroethane

Concen: 48.348 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 113254

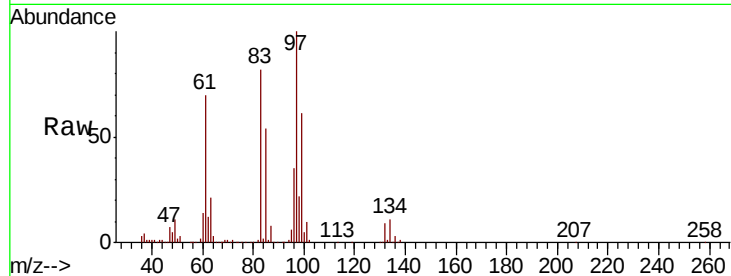
Ion Ratio Lower Upper

97 100

83 82.3 69.3 103.9

85 54.2 45.3 67.9

99 61.3 51.0 76.6

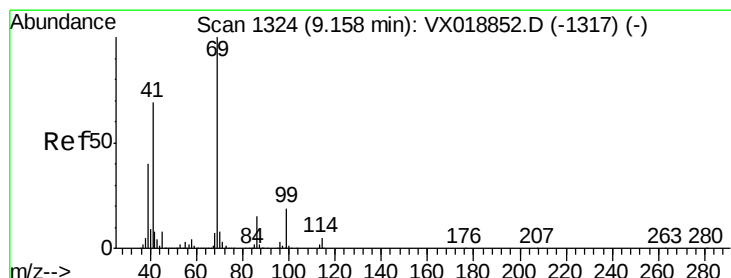
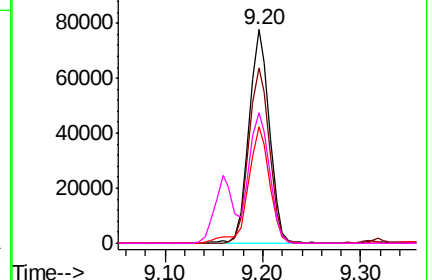
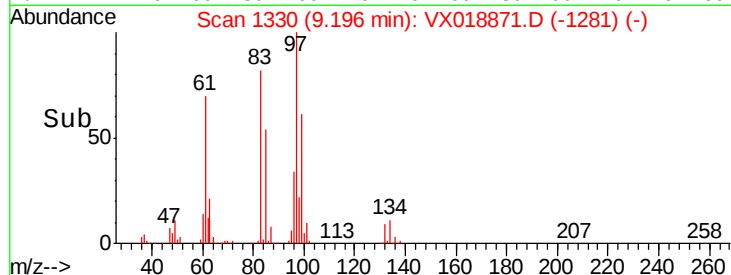


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 49.129 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

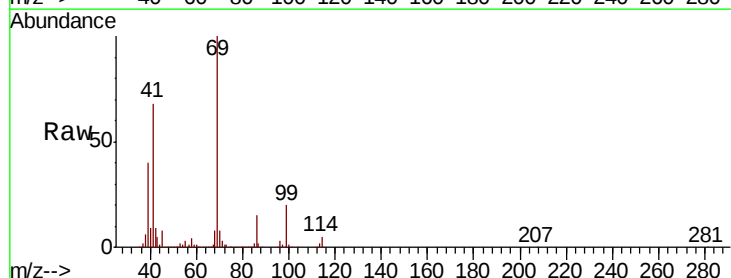
Tgt Ion: 69 Resp: 167813

Ion Ratio Lower Upper

69 100

41 67.7 54.6 81.8

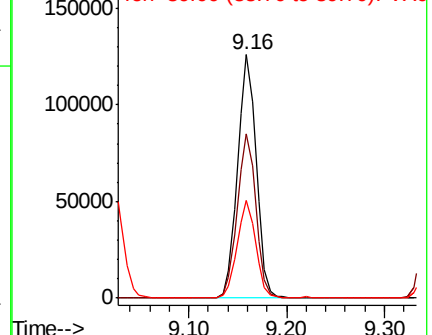
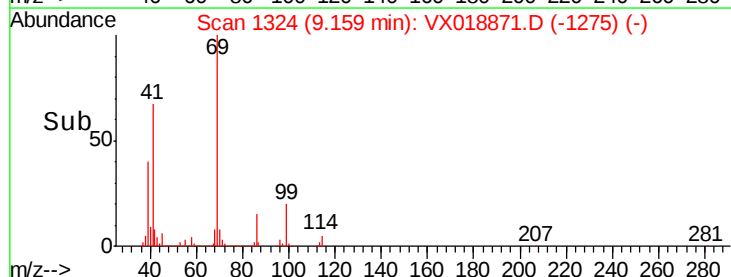
39 39.5 31.5 47.3

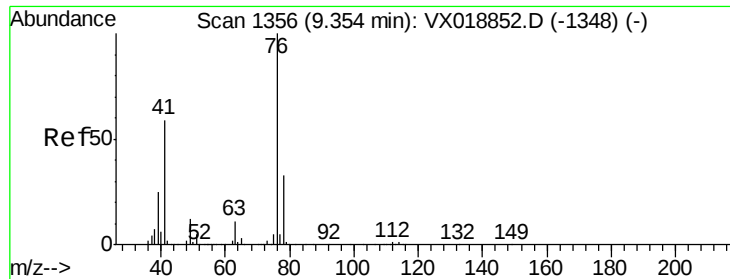


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.179 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

ClientSampleId :

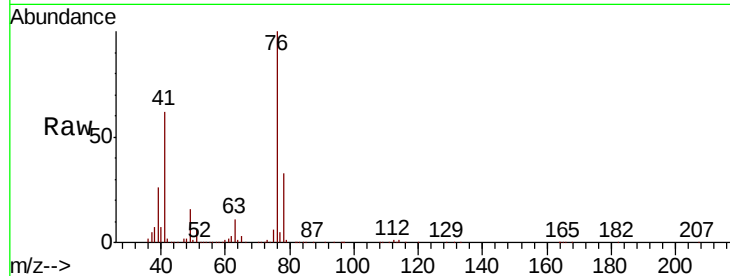
VSTDCCC050EC

Tot Ion: 76 Resp: 190727

Ion Ratio Lower Upper

76 100

78 32.9 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

150000

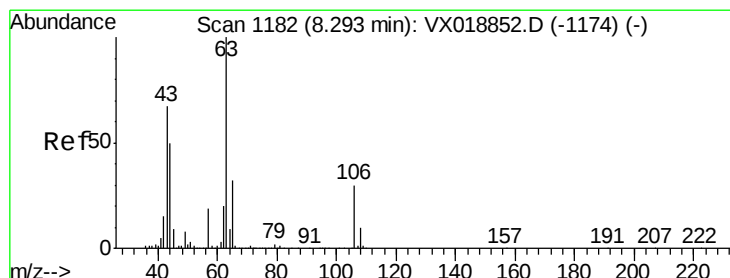
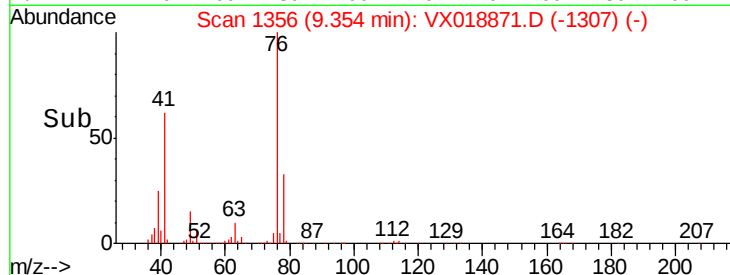
100000

50000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 258.211 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018871.D

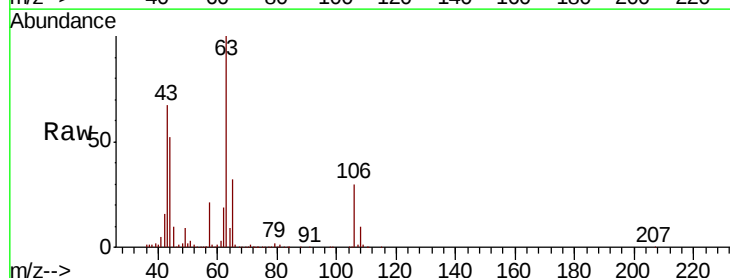
Acq: 09 Oct 2020 21:32

Tgt Ion: 63 Resp: 437620

Ion Ratio Lower Upper

63 100

106 29.8 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

300000

250000

200000

150000

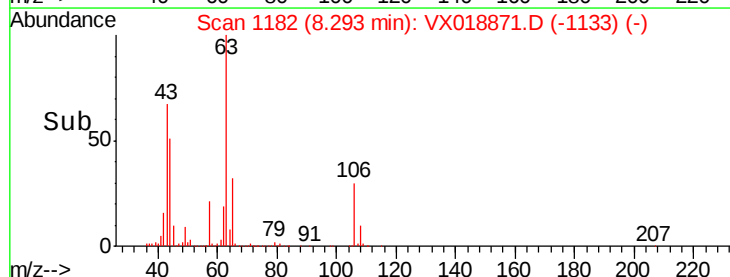
100000

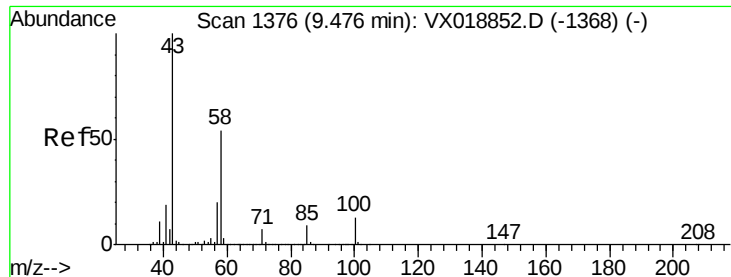
50000

0

8.20 8.30 8.40

Time-->

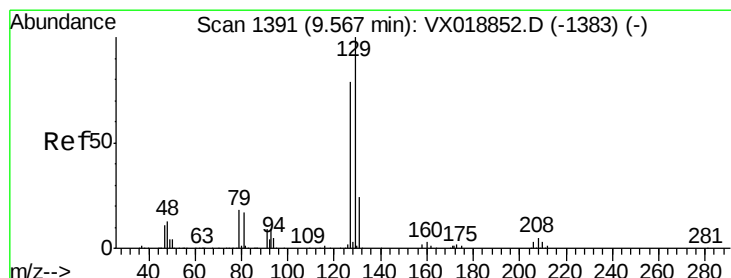
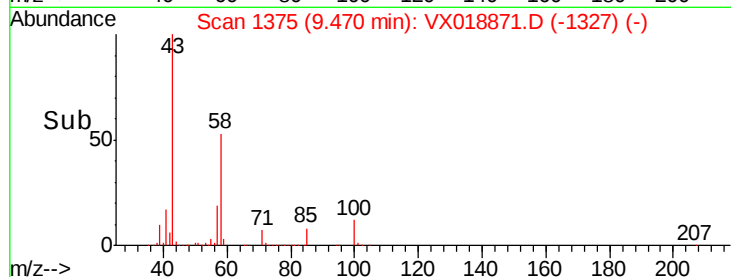
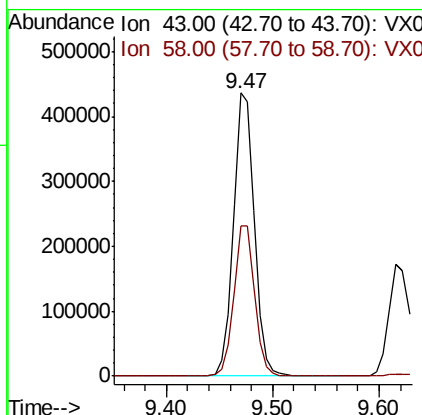
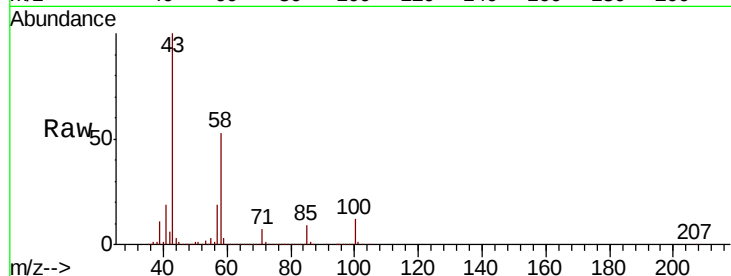




#59
2-Hexanone
Concen: 266.487 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

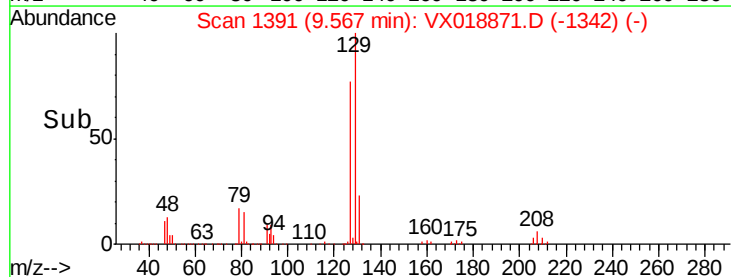
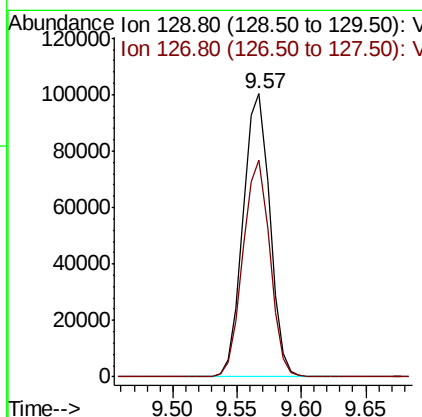
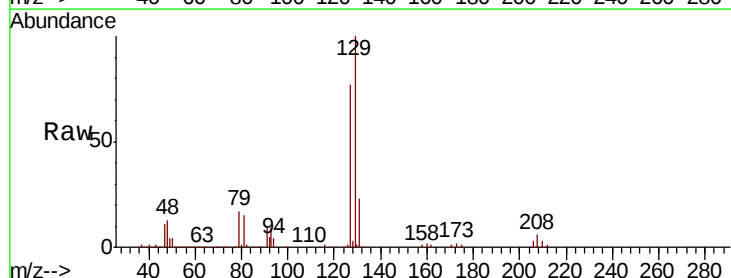
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

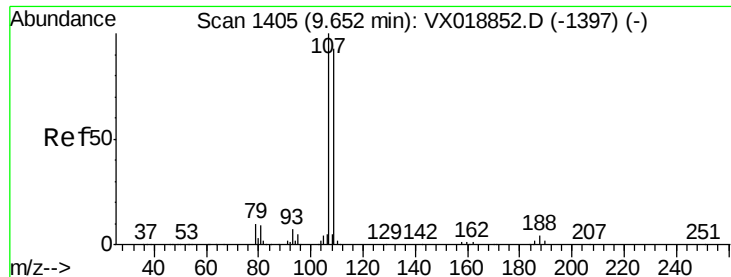
Tot Ion: 43 Resp: 601557
Ion Ratio Lower Upper
43 100
58 53.2 26.7 80.1



#60
Dibromochloromethane
Concen: 48.950 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Tgt Ion: 129 Resp: 143939
Ion Ratio Lower Upper
129 100
127 77.2 39.5 118.5





#61

1,2-Dibromoethane

Concen: 49.097 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

ClientSampleId :

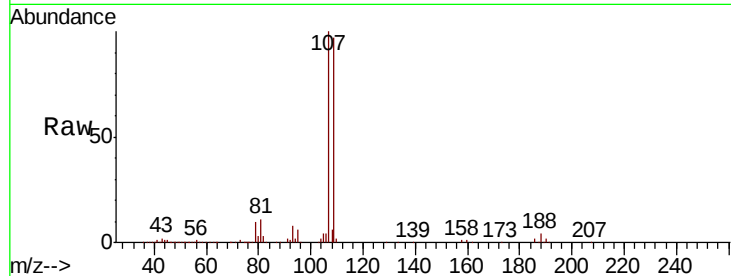
VSTDCCC050EC

Tot Ion: 107 Resp: 123332

Ion Ratio Lower Upper

107 100

109 95.0 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

100000

80000

60000

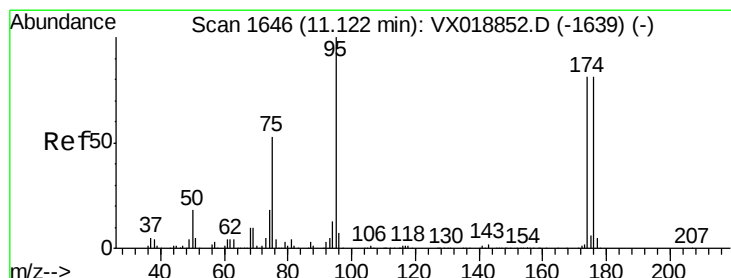
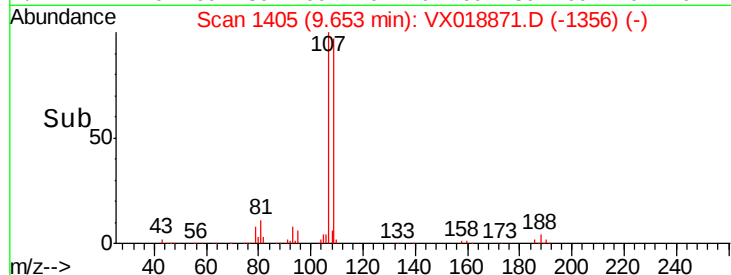
40000

20000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 53.103 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

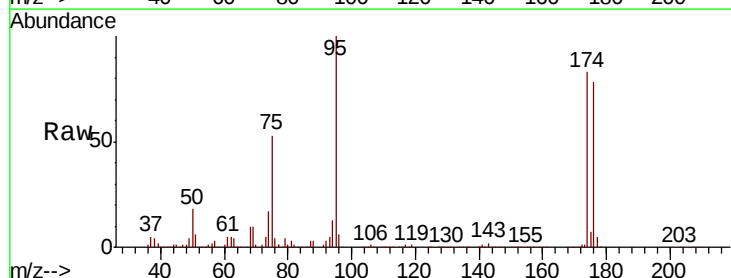
Tgt Ion: 95 Resp: 157401

Ion Ratio Lower Upper

95 100

174 81.9 0.0 160.0

176 76.3 0.0 161.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

150000

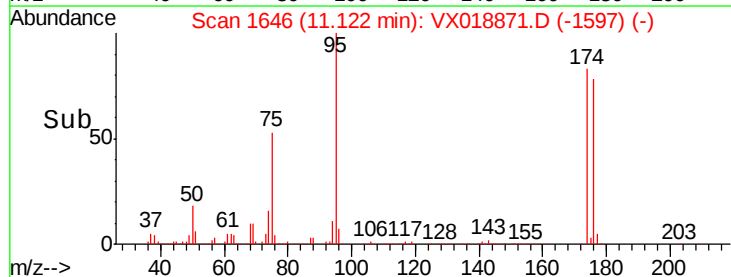
100000

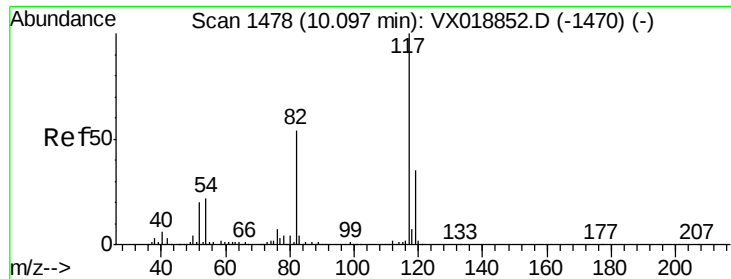
50000

0

Time-->

11.10 11.20

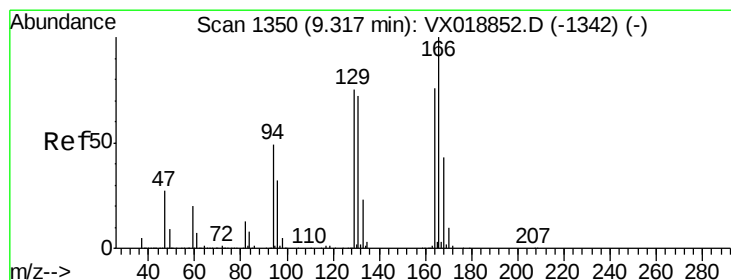
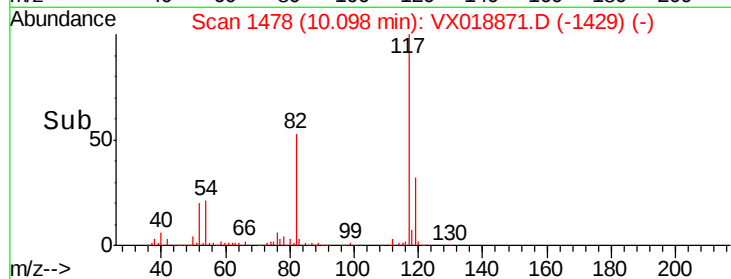
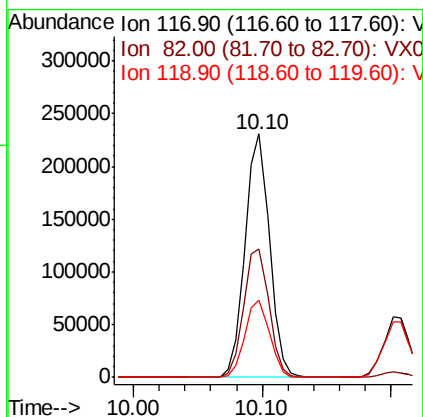
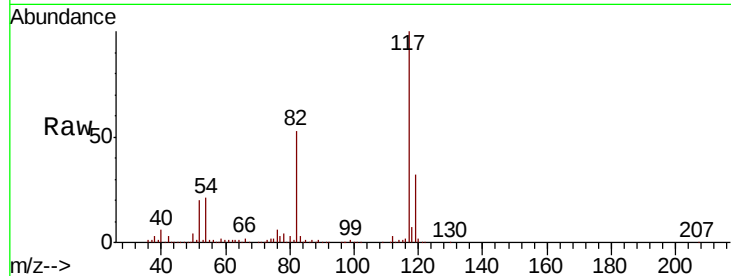




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

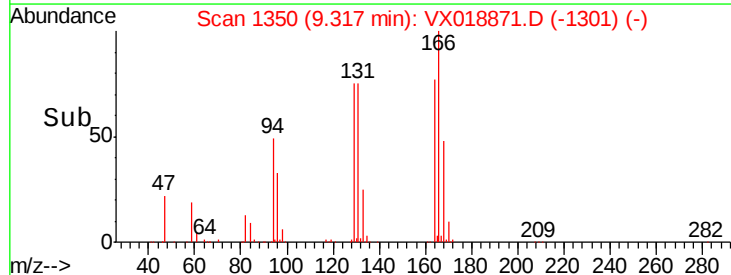
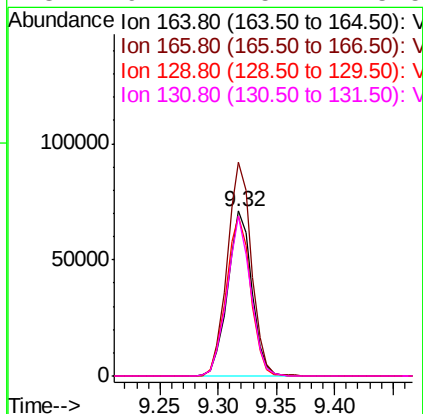
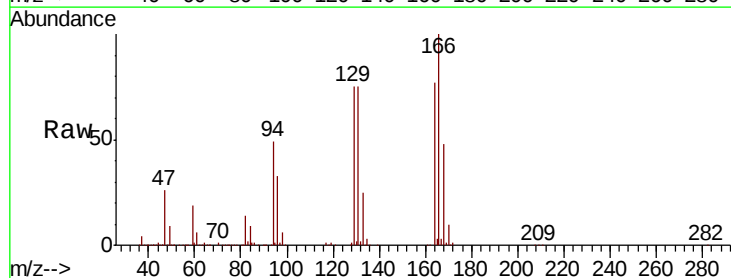
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

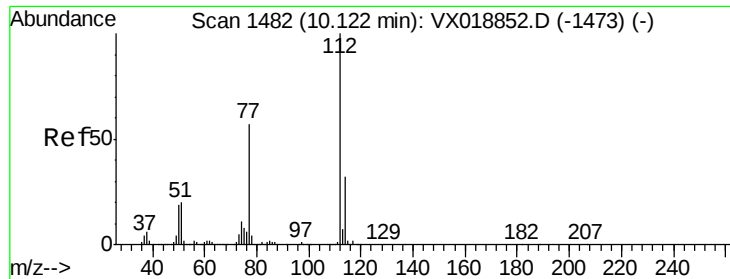
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.4	65.2
119	31.6	28.3	42.5



#64
Tetrachloroethene
Concen: 46.524 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.5	105.4	158.0
129	97.2	79.0	118.6
131	97.2	75.7	113.5





#65

Chlorobenzene

Concen: 47.036 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

ClientSampleId :

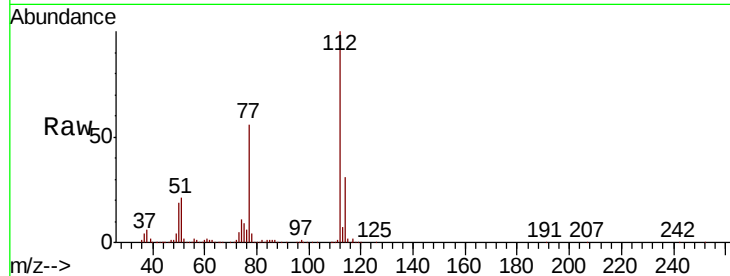
VSTDCCC050EC

Tot Ion:112 Resp: 306411

Ion Ratio Lower Upper

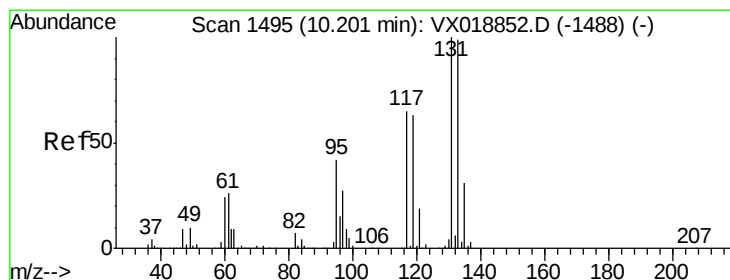
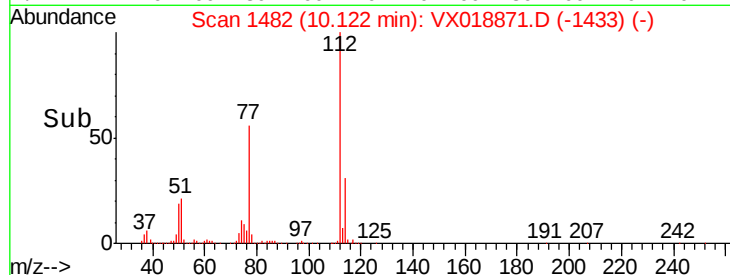
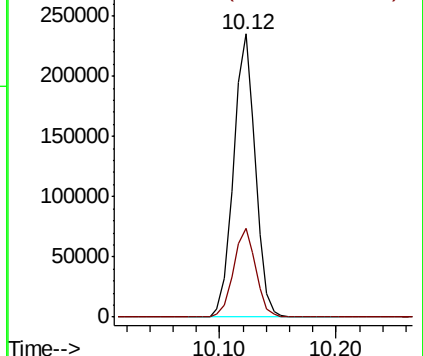
112 100

114 31.4 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 48.069 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

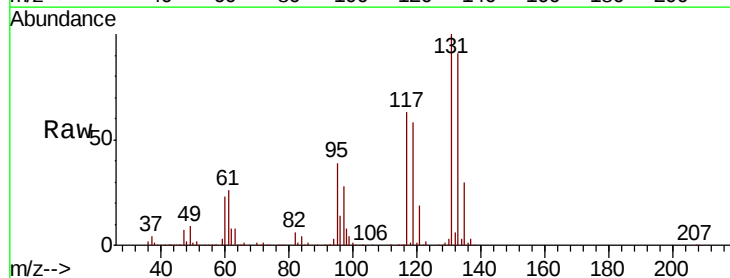
Tgt Ion:131 Resp: 129187

Ion Ratio Lower Upper

131 100

133 93.0 48.6 145.8

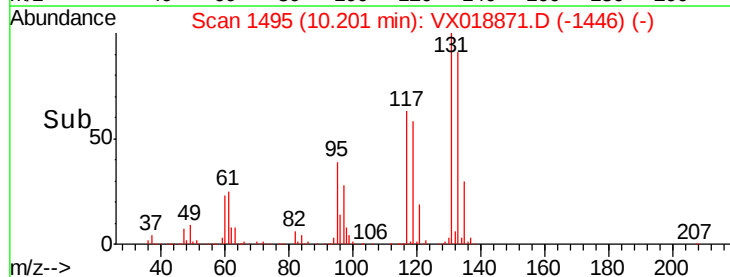
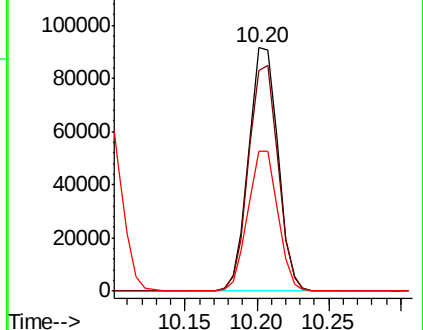
119 58.5 31.1 93.3

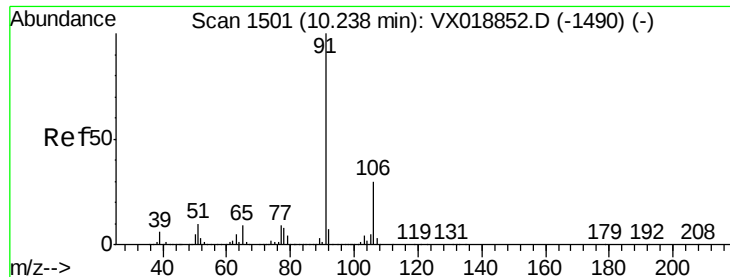


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 49.002 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

ClientSampleId :

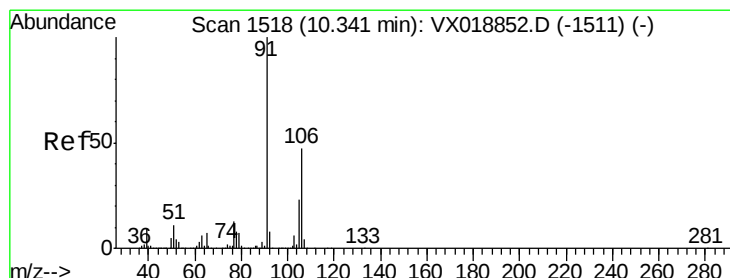
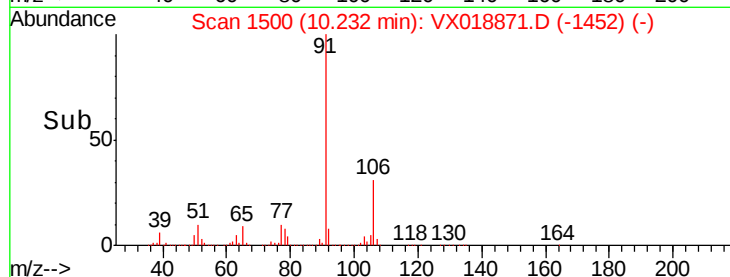
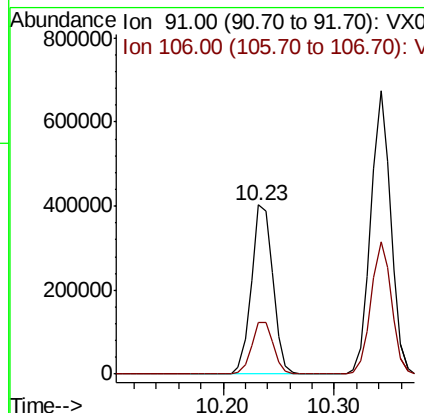
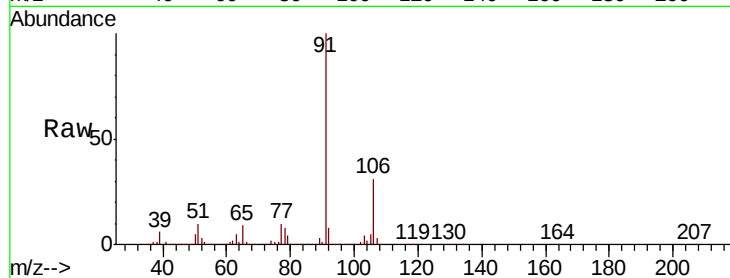
VSTDCCC050EC

Tot Ion: 91 Resp: 538513

Ion Ratio Lower Upper

91 100

106 30.8 24.0 36.0



#68

m/p-Xylenes

Concen: 97.836 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018871.D

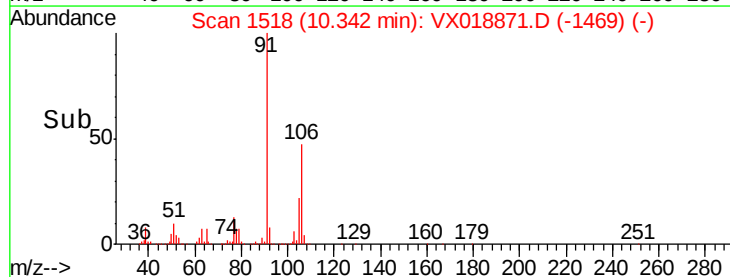
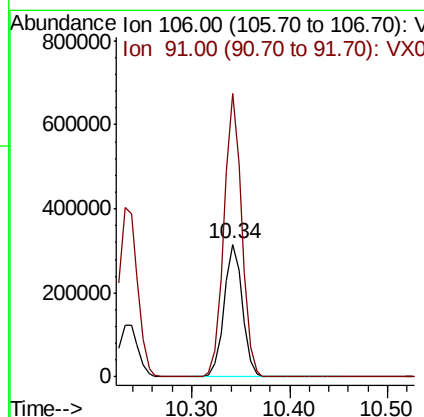
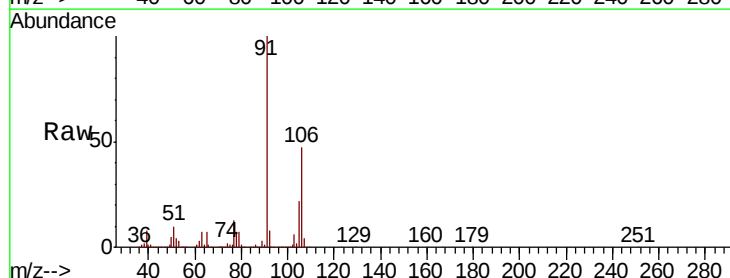
Acq: 09 Oct 2020 21:32

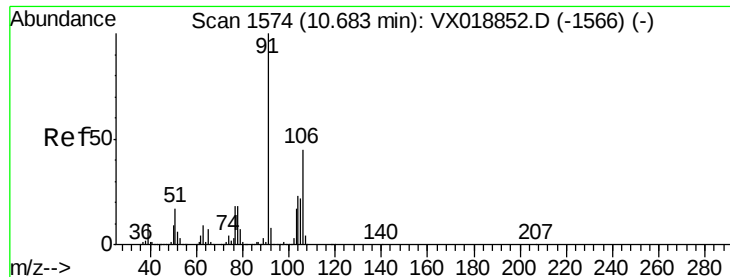
Tgt Ion: 106 Resp: 408491

Ion Ratio Lower Upper

106 100

91 207.7 165.6 248.4

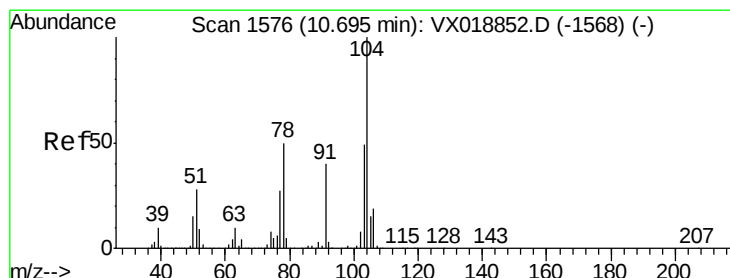
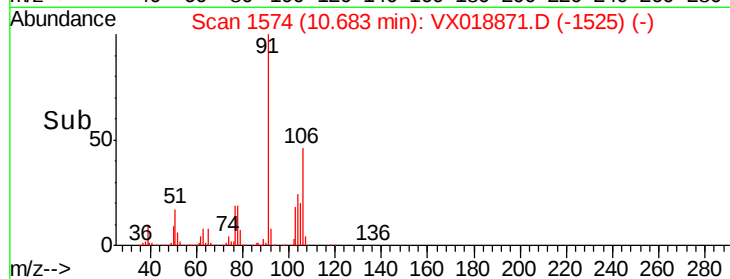
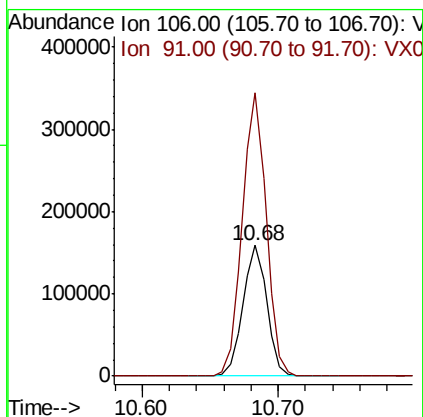
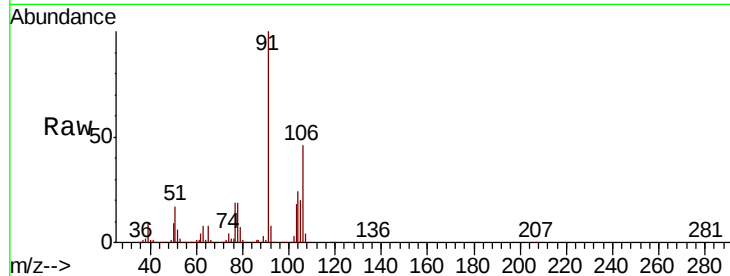




#69
o-Xylene
Concen: 49.353 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

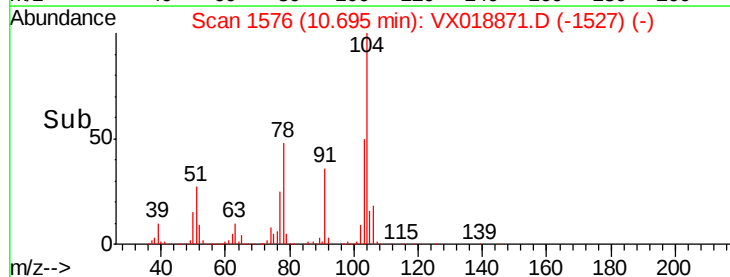
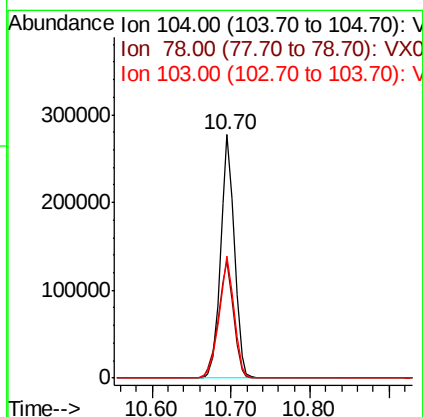
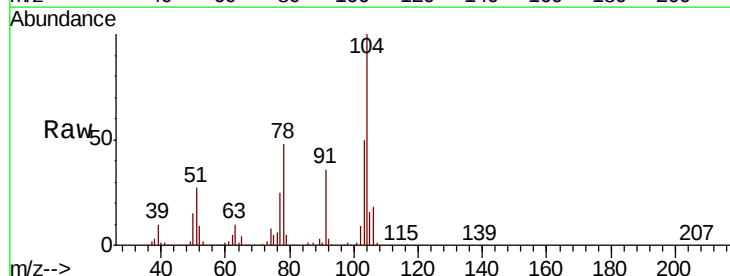
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

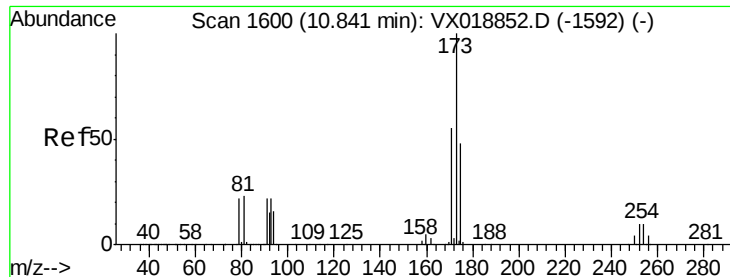
Tot Ion:106 Resp: 194146
Ion Ratio Lower Upper
106 100
91 218.8 109.9 329.6



#70
Styrene
Concen: 50.870 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Tgt Ion:104 Resp: 338782
Ion Ratio Lower Upper
104 100
78 53.3 43.5 65.3
103 54.5 43.3 64.9





#71

Bromoform

Concen: 47.834 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

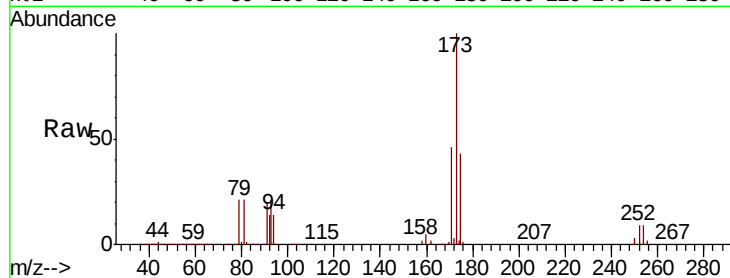
Tot Ion:173 Resp: 111192

Ion Ratio Lower Upper

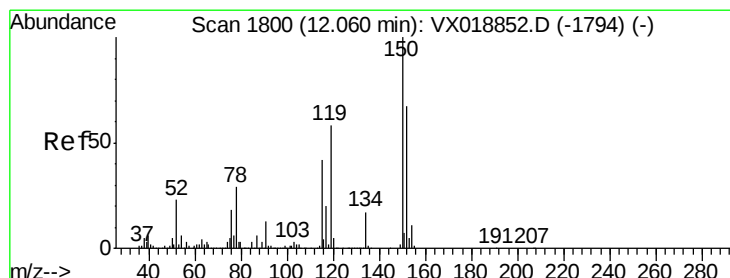
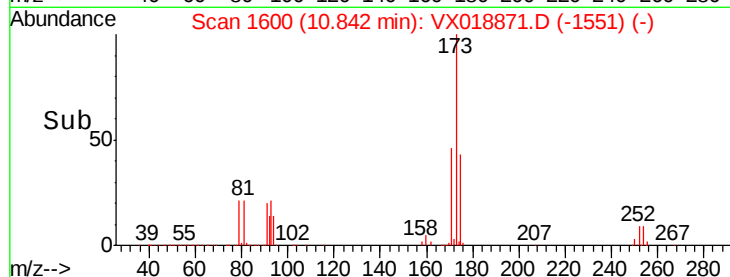
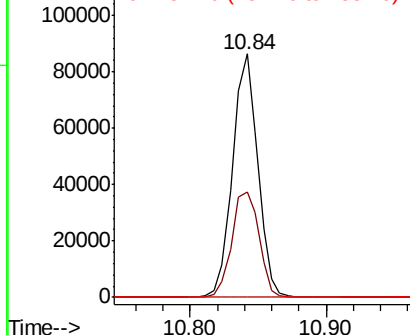
173 100

175 47.1 23.4 70.0

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

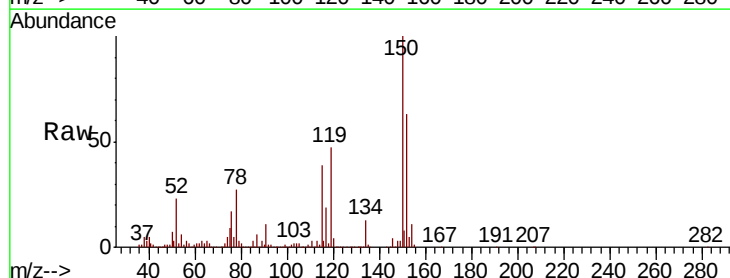
Tgt Ion:152 Resp: 165258

Ion Ratio Lower Upper

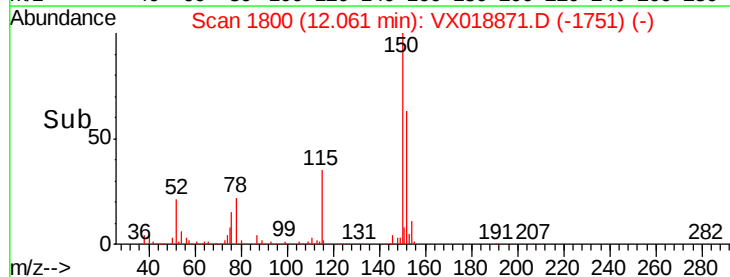
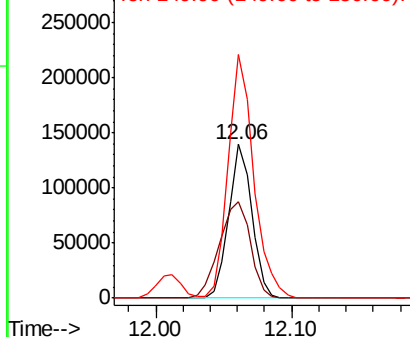
152 100

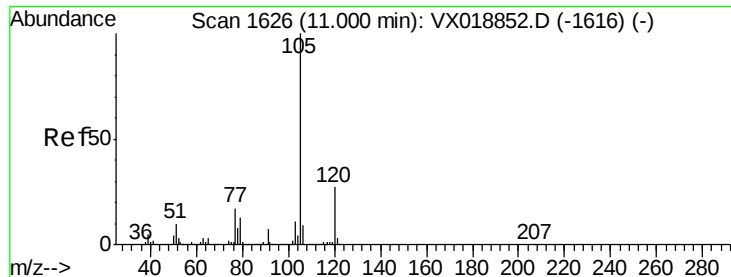
115 83.2 41.8 125.4

150 175.2 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: 50.688 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

ClientSampleId :

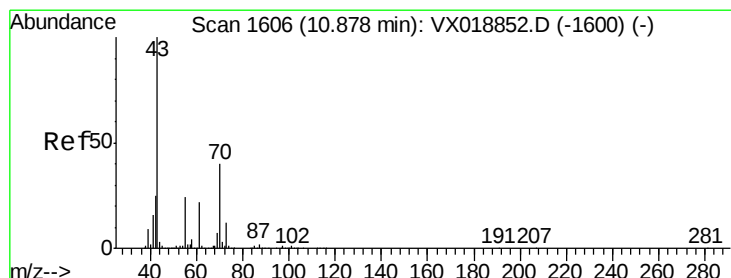
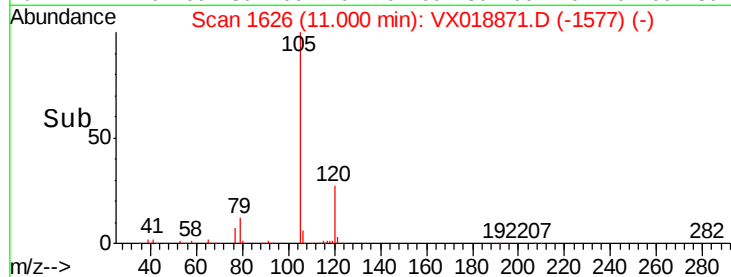
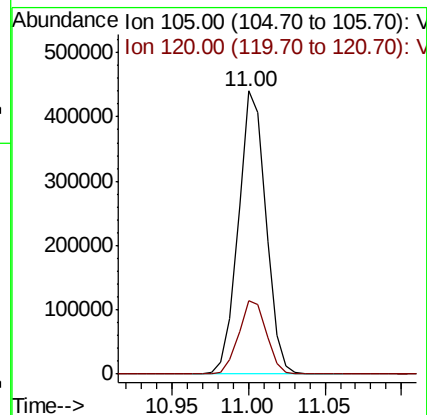
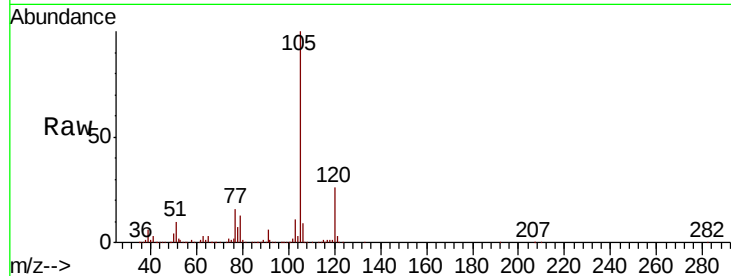
VSTDCCC050EC

Tot Ion:105 Resp: 547963

Ion Ratio Lower Upper

105 100

120 26.2 13.3 39.8



#74

N-ethyl acetate

Concen: 54.068 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Tgt Ion: 43 Resp: 231253

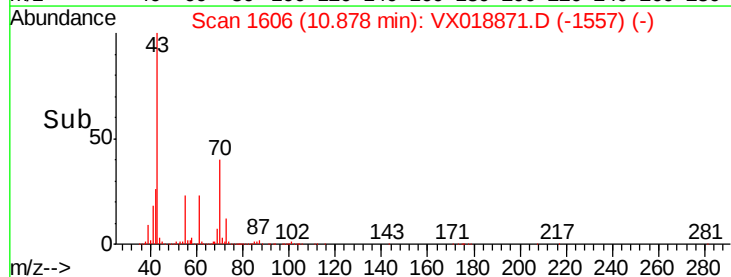
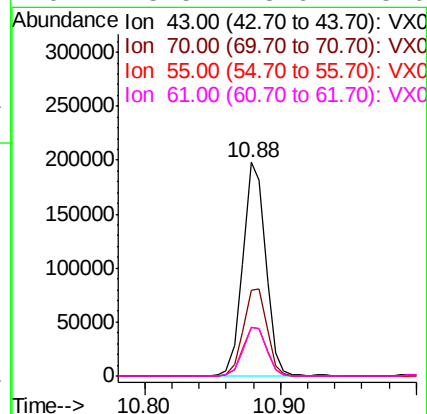
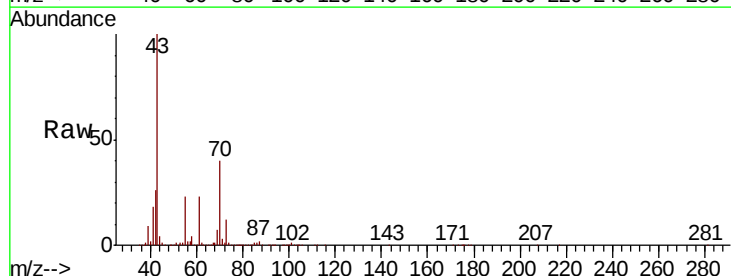
Ion Ratio Lower Upper

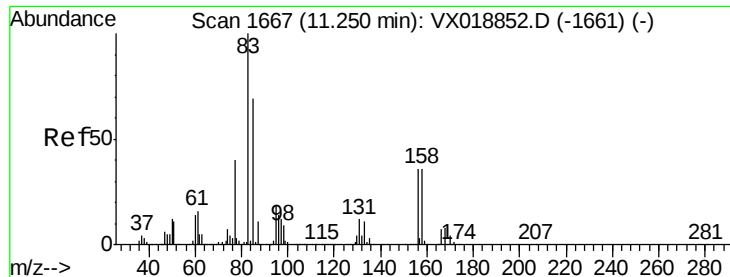
43 100

70 42.3 33.7 50.5

55 24.2 19.8 29.8

61 23.5 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.257 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

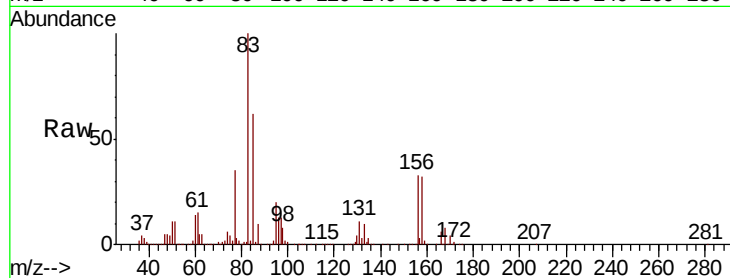
Tot Ion: 83 Resp: 173875

Ion Ratio Lower Upper

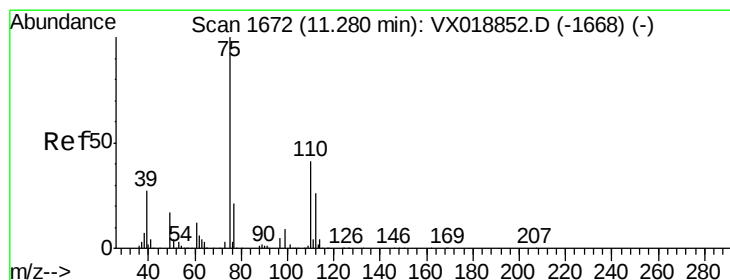
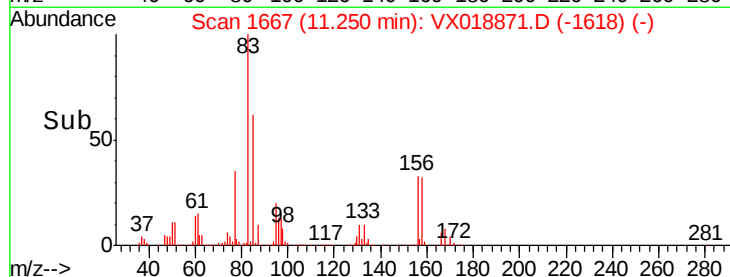
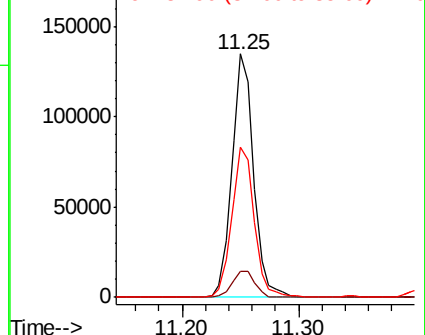
83 100

131 11.5 5.9 17.8

85 64.2 33.0 98.9



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 58.846 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018871.D

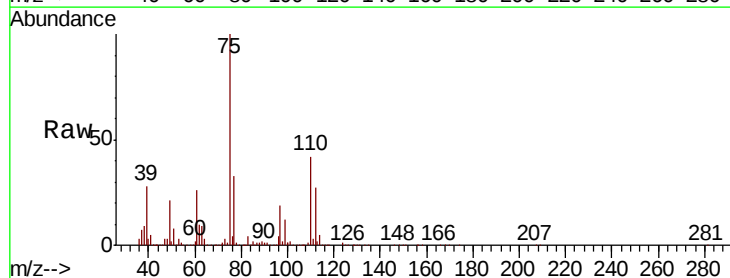
Acq: 09 Oct 2020 21:32

Tgt Ion: 75 Resp: 209539

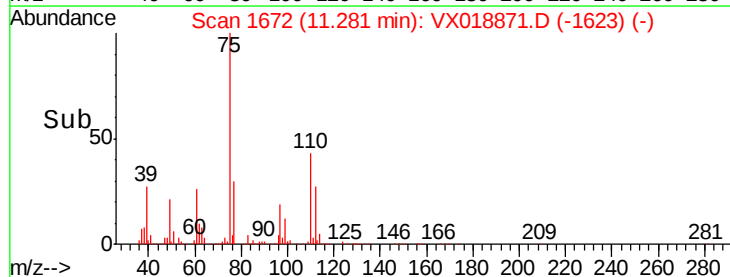
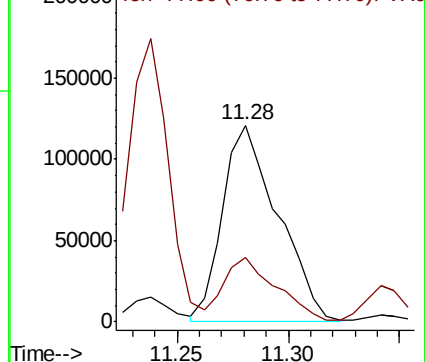
Ion Ratio Lower Upper

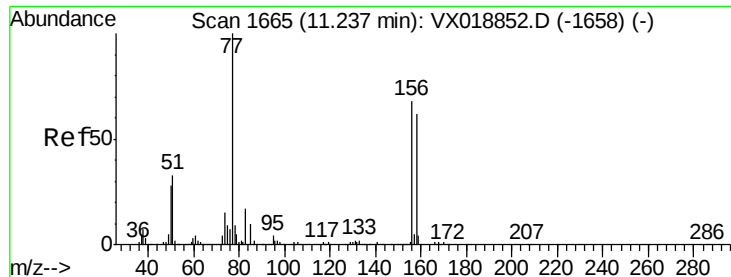
75 100

77 31.1 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.478 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

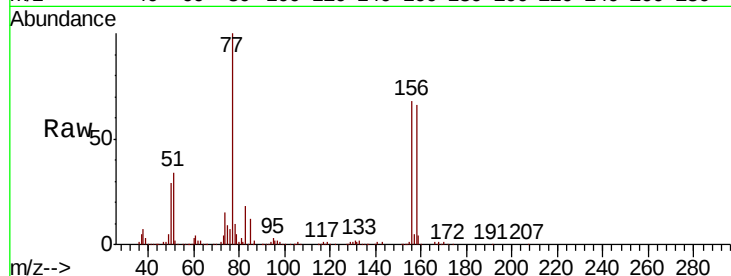
Tot Ion:156 Resp: 146930

Ion Ratio Lower Upper

156 100

77 150.1 76.0 228.1

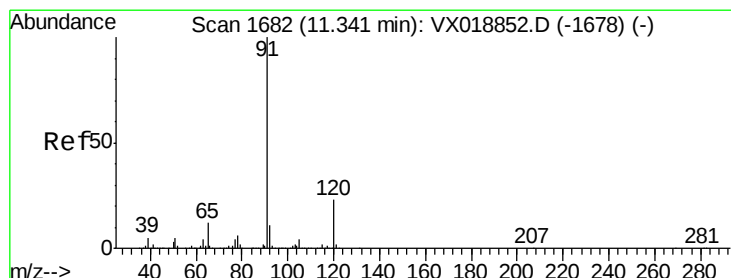
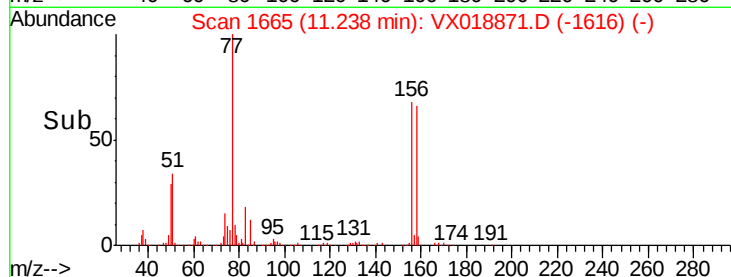
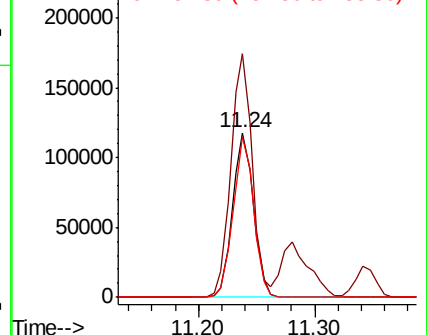
158 95.8 47.2 141.6



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: 50.213 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018871.D

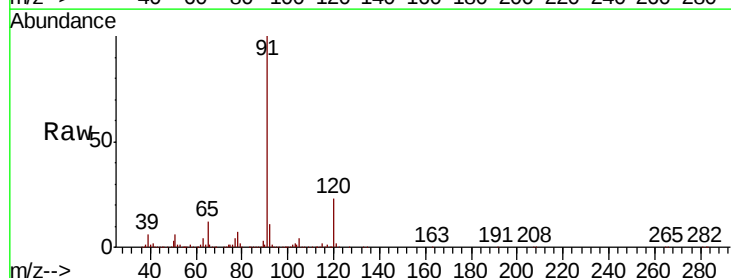
Acq: 09 Oct 2020 21:32

Tgt Ion: 91 Resp: 618536

Ion Ratio Lower Upper

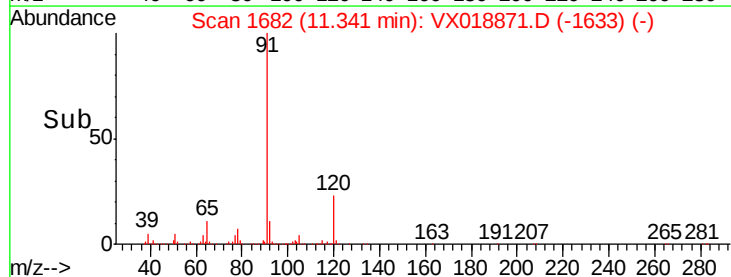
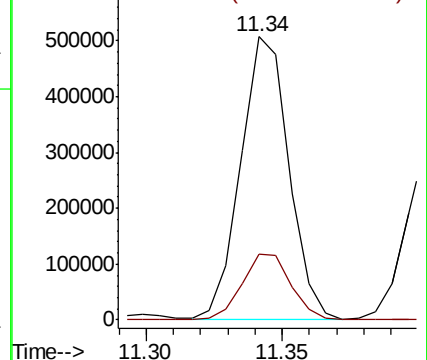
91 100

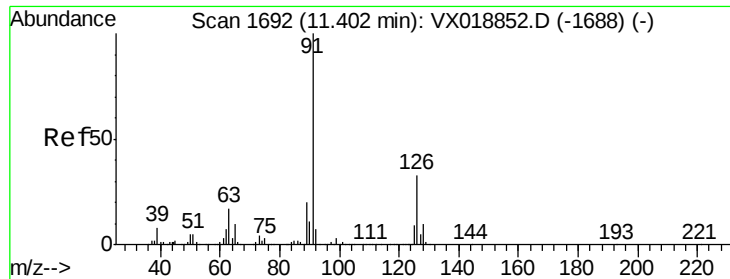
120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

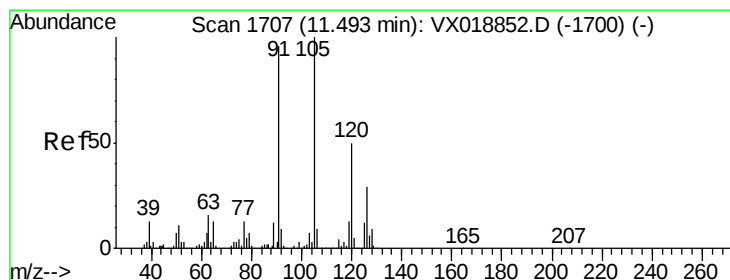
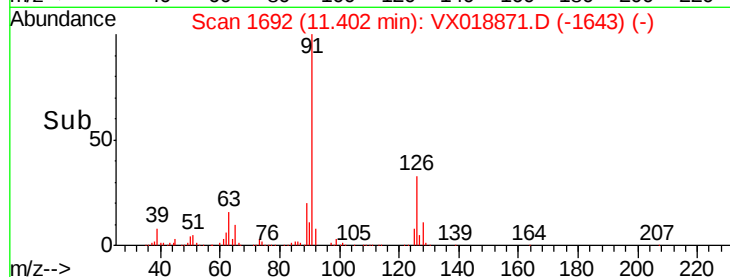
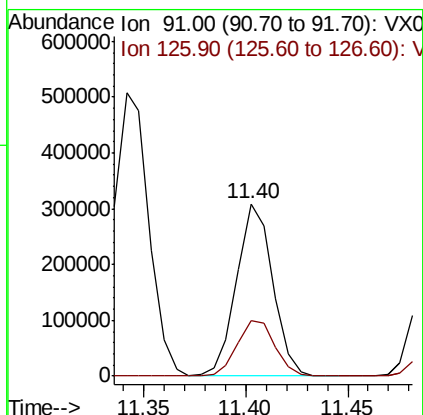
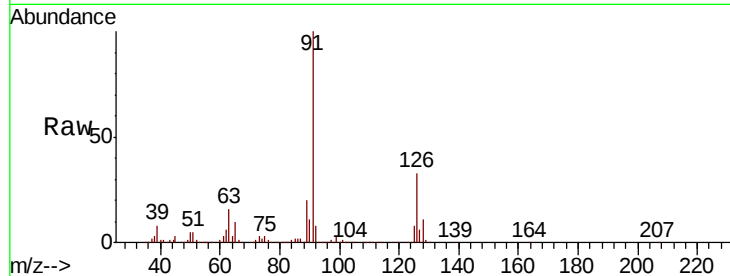




#79
 2-Chlorotoluene
 Concen: 48.972 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX018871.D
 Acq: 09 Oct 2020 21:32

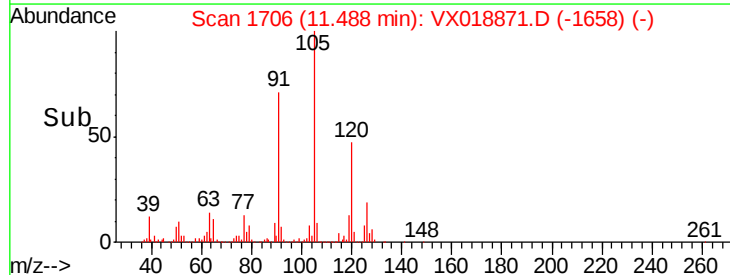
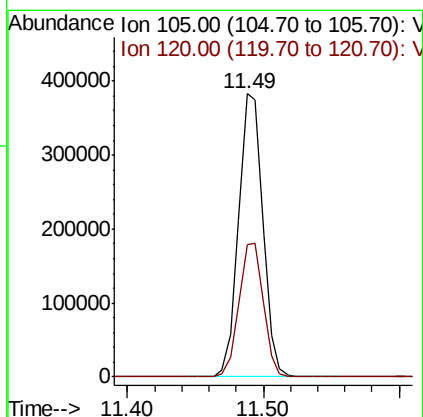
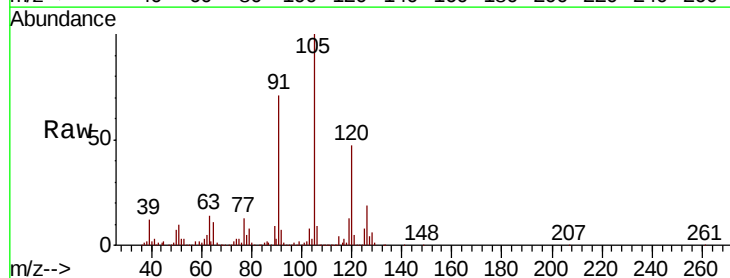
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

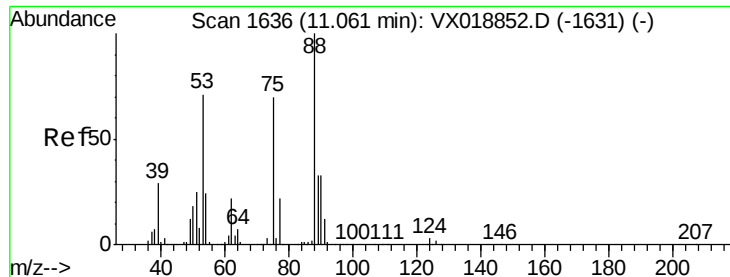
Tot Ion: 91 Resp: 376033
 Ion Ratio Lower Upper
 91 100
 126 34.1 17.1 51.3



#80
 1,3,5-Trimethylbenzene
 Concen: 51.277 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX018871.D
 Acq: 09 Oct 2020 21:32

Tgt Ion: 105 Resp: 474160
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 46.175 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

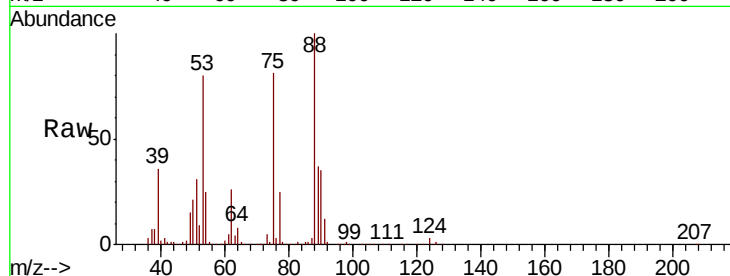
Tot Ion: 75 Resp: 58018

Ion Ratio Lower Upper

75 100

53 104.0 85.0 127.4

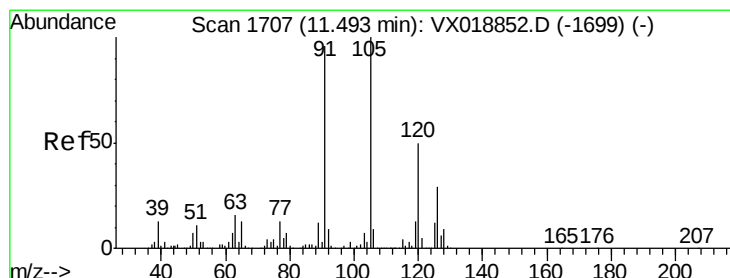
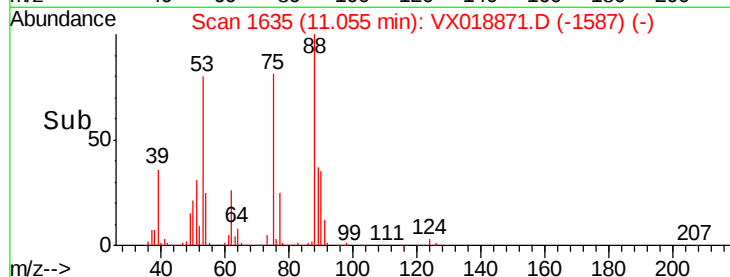
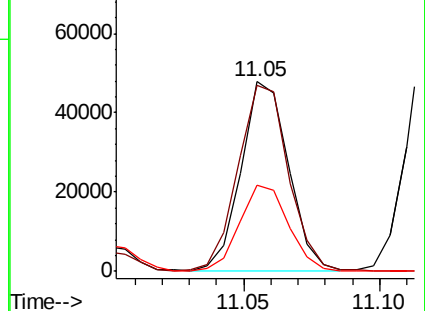
89 46.8 39.0 58.4



Abundance Ion 74.90 (74.60 to 75.60): VX018852.D (-1631) (-)

Ion 53.00 (52.70 to 53.70): VX018852.D (-1631) (-)

Ion 88.90 (88.60 to 89.60): VX018852.D (-1631) (-)



#82

4-Chlorotoluene

Concen: 49.586 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018871.D

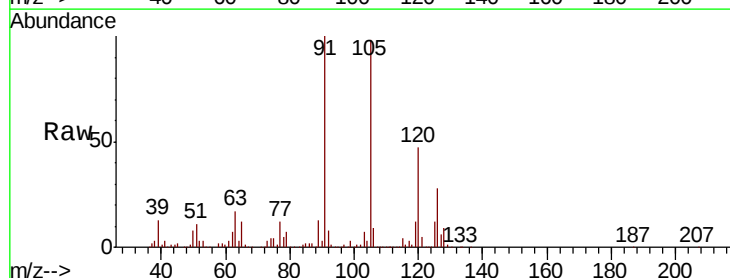
Acq: 09 Oct 2020 21:32

Tgt Ion: 91 Resp: 452734

Ion Ratio Lower Upper

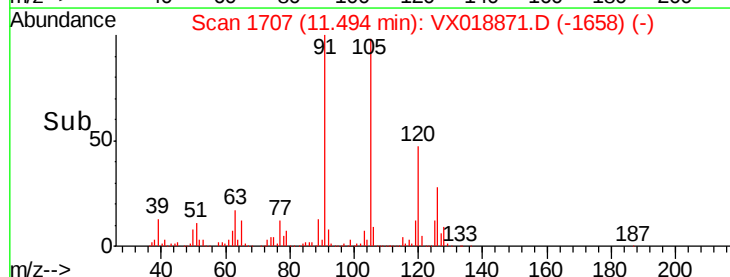
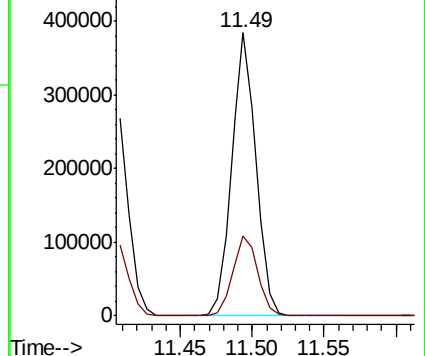
91 100

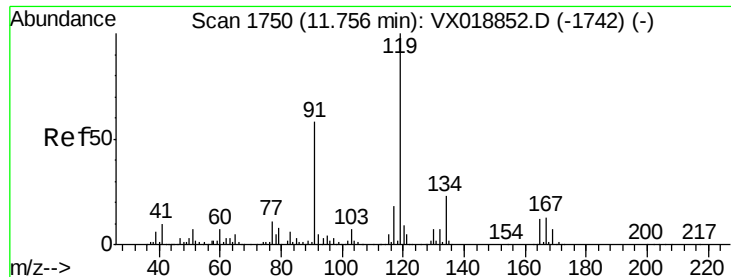
126 29.4 14.9 44.7



Abundance Ion 91.00 (90.70 to 91.70): VX018852.D (-1699) (-)

Ion 125.90 (125.60 to 126.60): VX018852.D (-1699) (-)

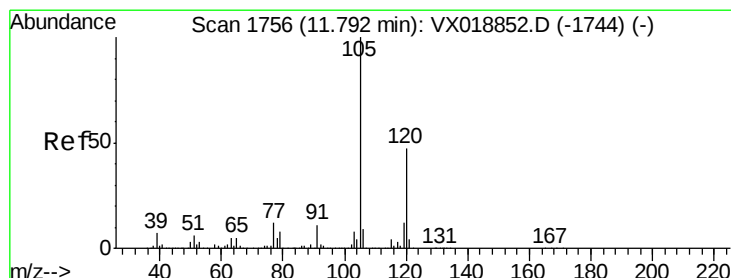
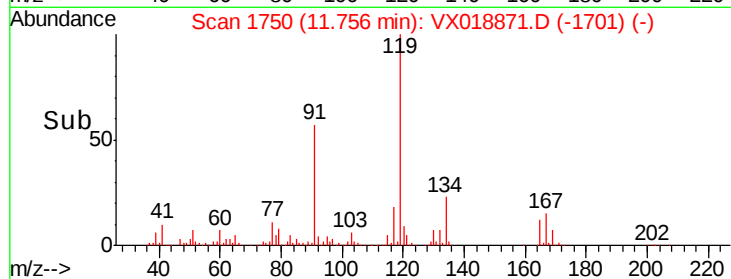
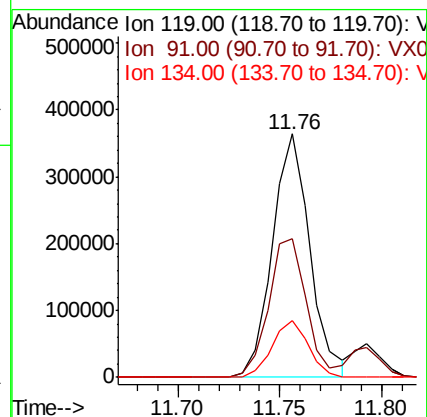
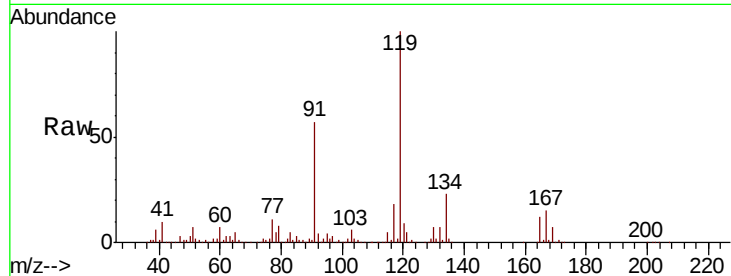




#83
tert-Butylbenzene
Concen: 50.280 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

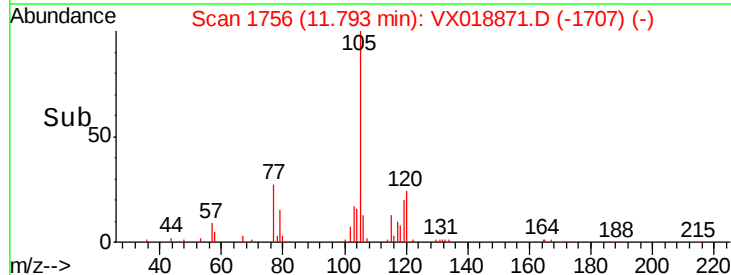
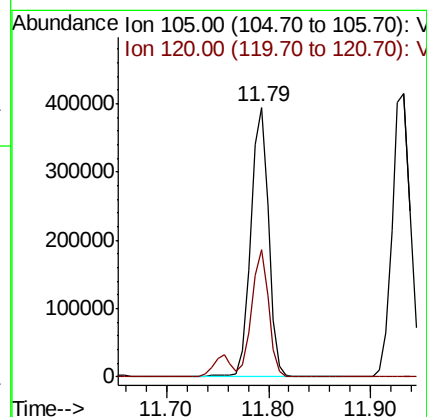
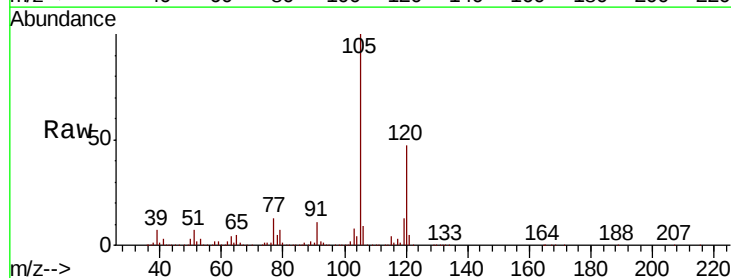
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

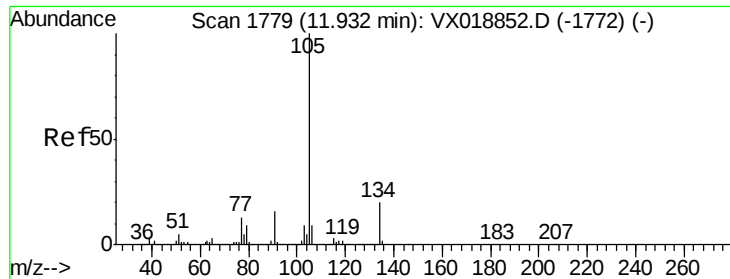
Tot Ion:119 Resp: 465610
Ion Ratio Lower Upper
119 100
91 56.8 28.6 85.9
134 22.7 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 50.636 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018871.D
Acq: 09 Oct 2020 21:32

Tgt Ion:105 Resp: 475984
Ion Ratio Lower Upper
105 100
120 45.1 22.6 67.8





#85

sec-Butylbenzene

Concen: 50.473 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

ClientSampleId :

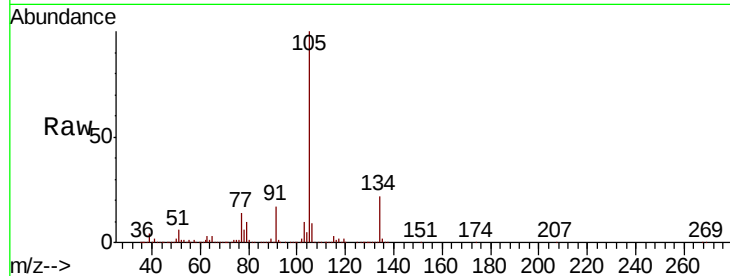
VSTDCCC050EC

Tot Ion:105 Resp: 526555

Ion Ratio Lower Upper

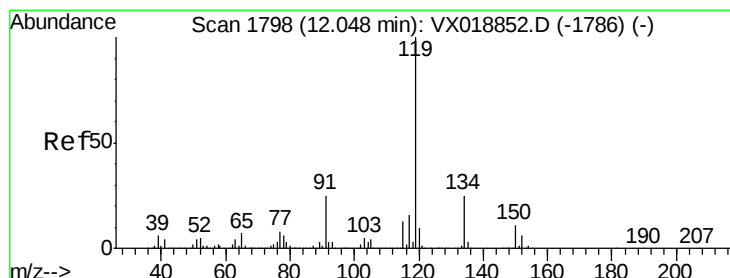
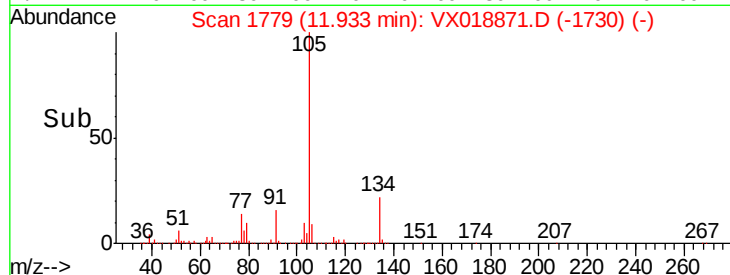
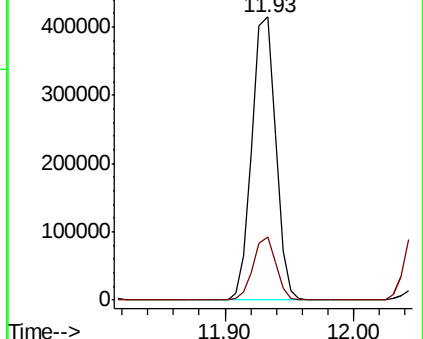
105 100

134 21.2 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: 51.340 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

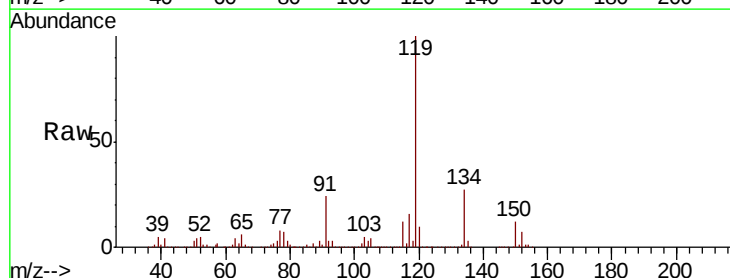
Tgt Ion:119 Resp: 508122

Ion Ratio Lower Upper

119 100

134 26.7 12.8 38.4

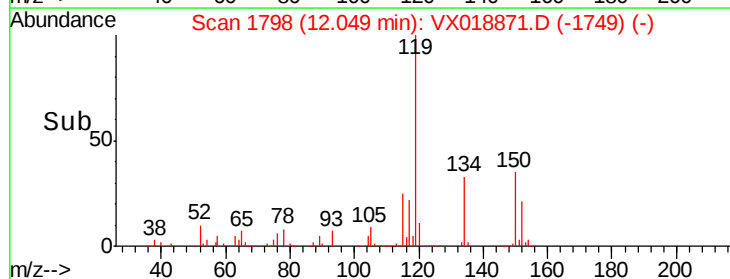
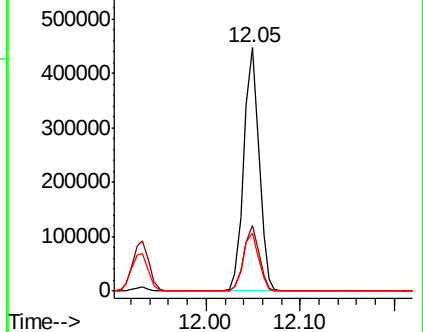
91 24.6 12.3 36.9

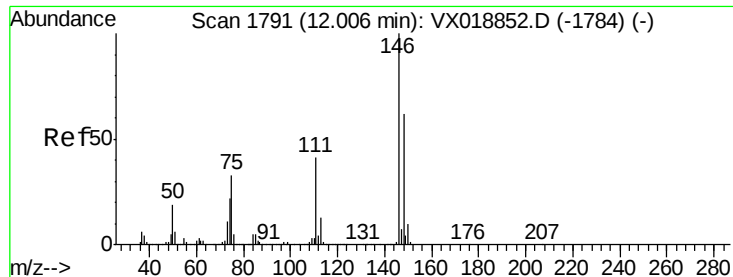


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 47.721 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

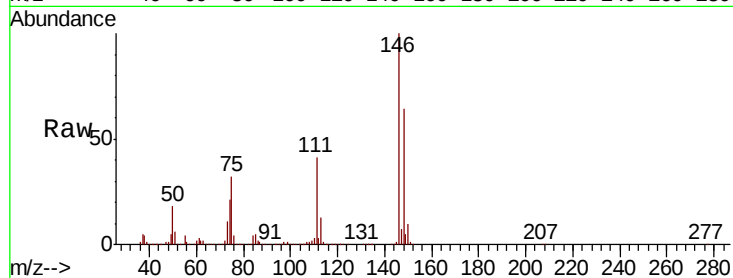
Tot Ion:146 Resp: 260261

Ion Ratio Lower Upper

146 100

111 40.6 20.0 59.9

148 64.1 31.4 94.3

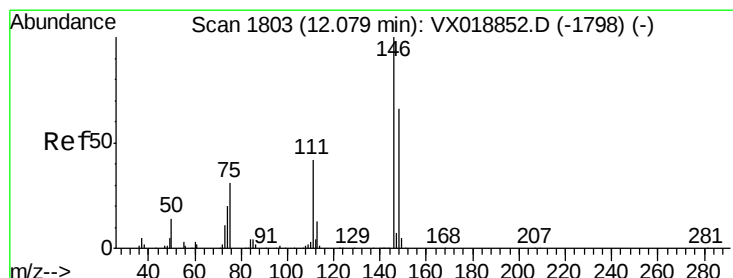
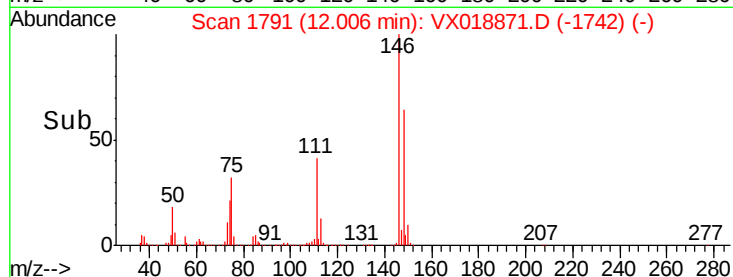
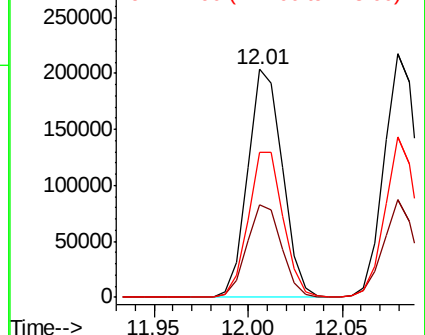


Abundance

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: 48.684 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

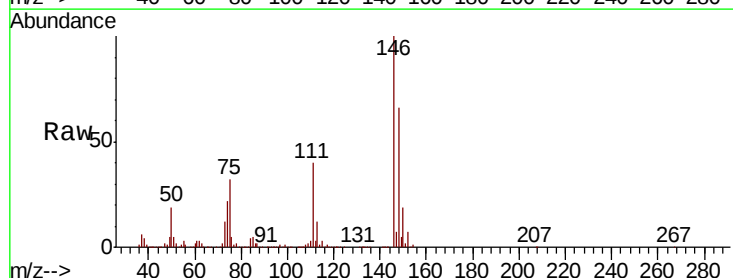
Tgt Ion:146 Resp: 268942

Ion Ratio Lower Upper

146 100

111 38.0 20.5 61.5

148 62.8 32.2 96.6

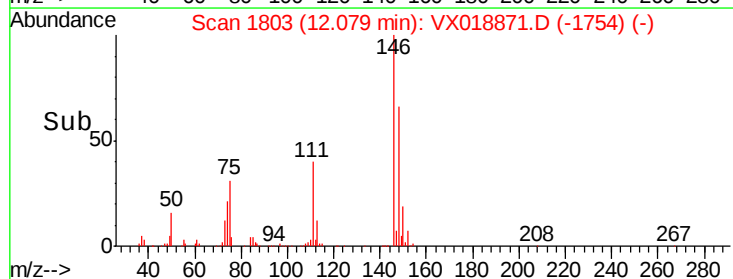
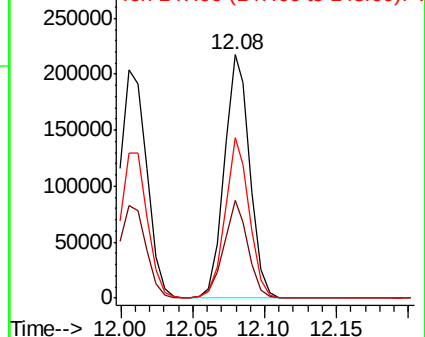


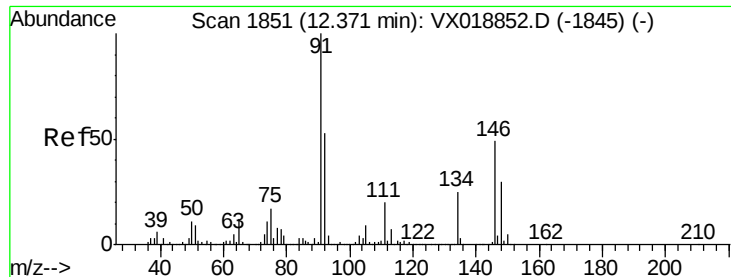
Abundance

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: 49.610 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

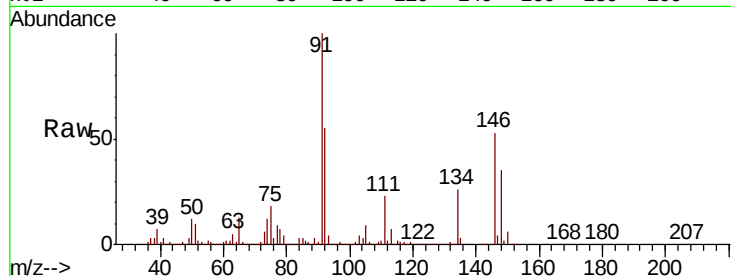
Tot Ion: 91 Resp: 426610

Ion Ratio Lower Upper

91 100

92 53.9 26.7 80.0

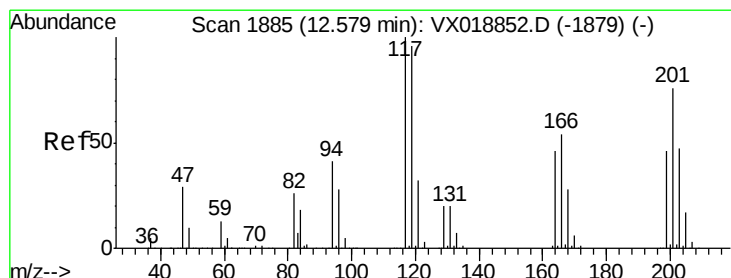
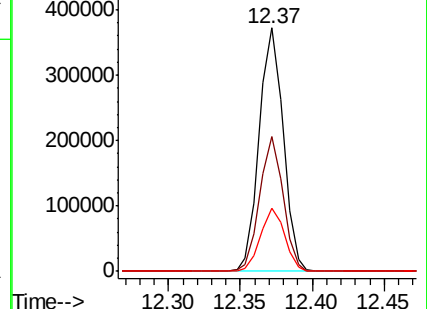
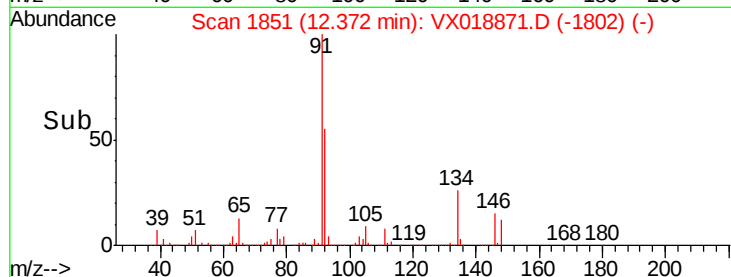
134 25.9 13.5 40.4



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

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

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



#90

Hexachloroethane

Concen: 46.040 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX018871.D

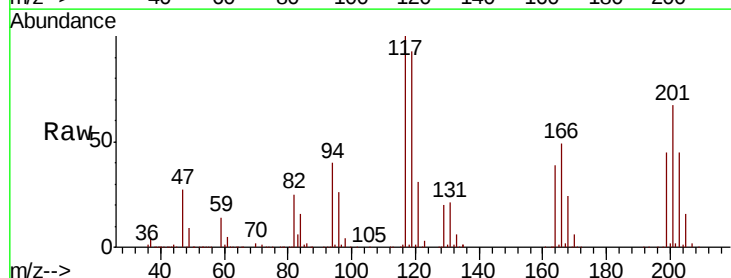
Acq: 09 Oct 2020 21:32

Tgt Ion: 117 Resp: 84713

Ion Ratio Lower Upper

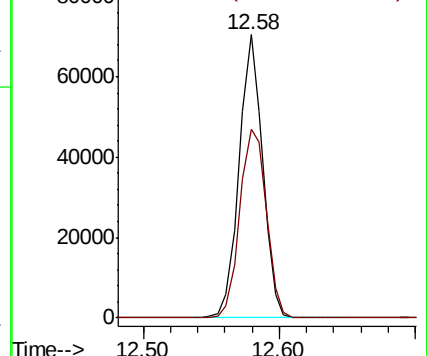
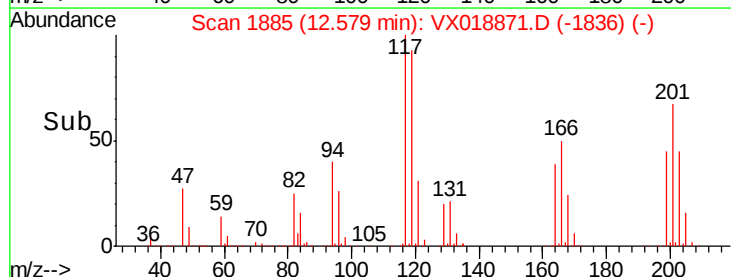
117 100

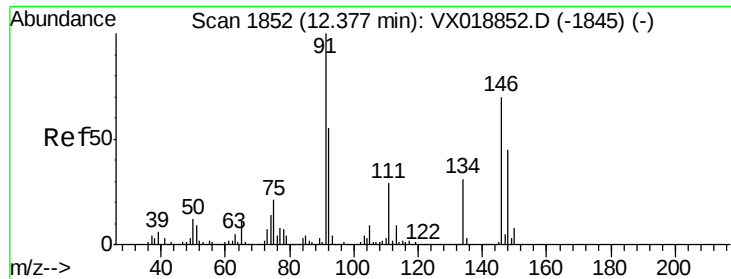
201 75.2 37.4 112.2



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

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

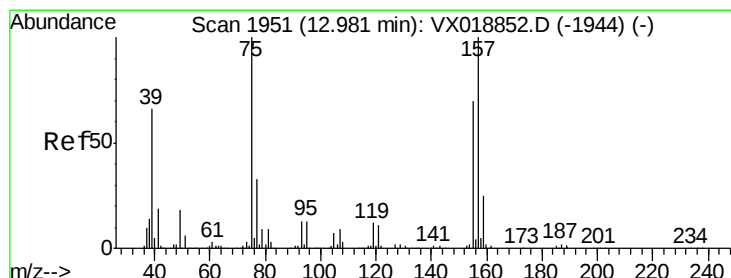
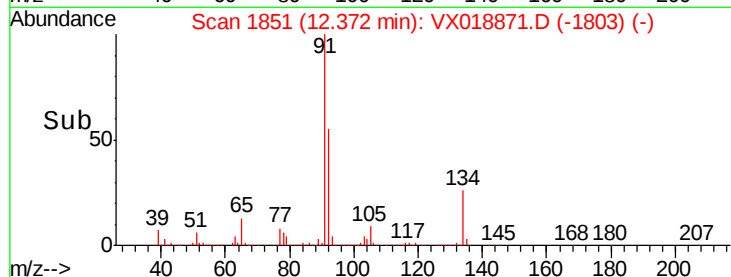
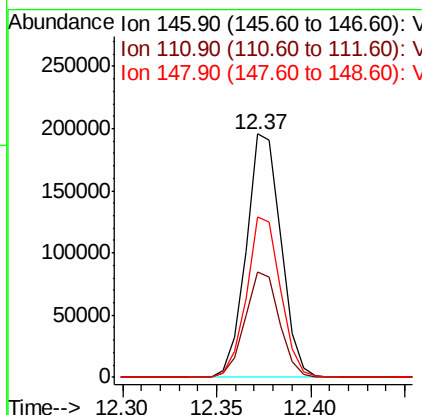
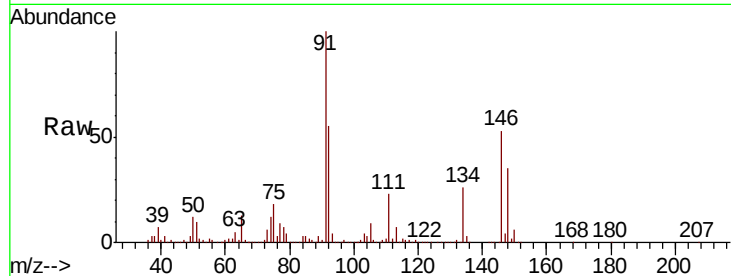




#91
 1,2-Dichlorobenzene
 Concen: 48.236 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX018871.D
 Acq: 09 Oct 2020 21:32

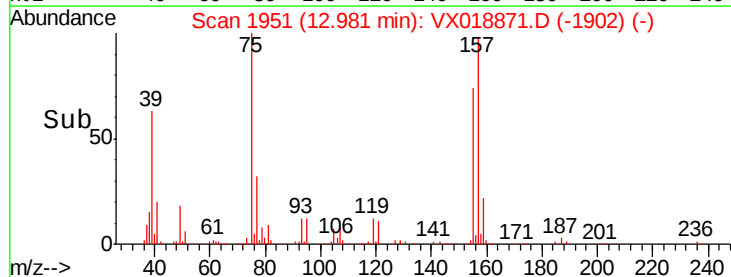
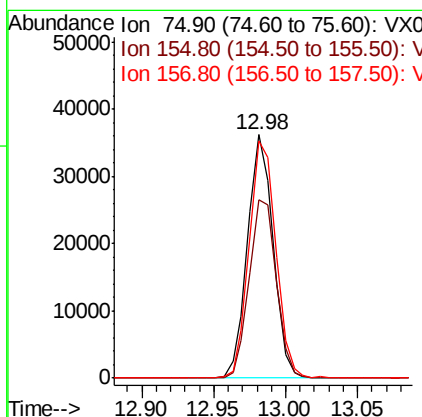
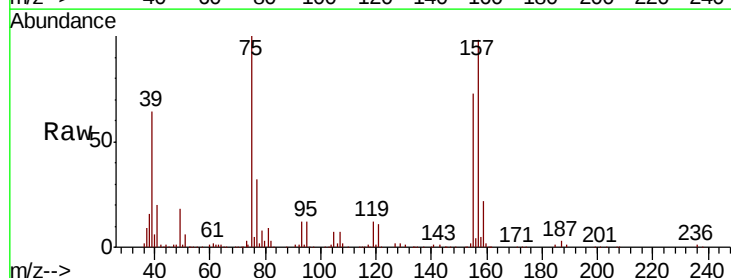
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

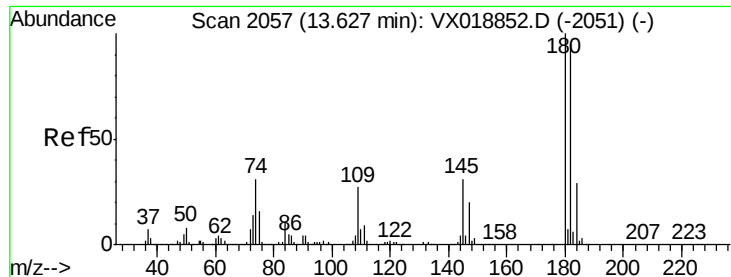
Tot Ion:146 Resp: 250409
 Ion Ratio Lower Upper
 146 100
 111 42.5 20.6 61.9
 148 64.7 31.1 93.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.249 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018871.D
 Acq: 09 Oct 2020 21:32

Tgt Ion: 75 Resp: 44462
 Ion Ratio Lower Upper
 75 100
 155 77.5 38.0 113.9
 157 101.3 50.9 152.7

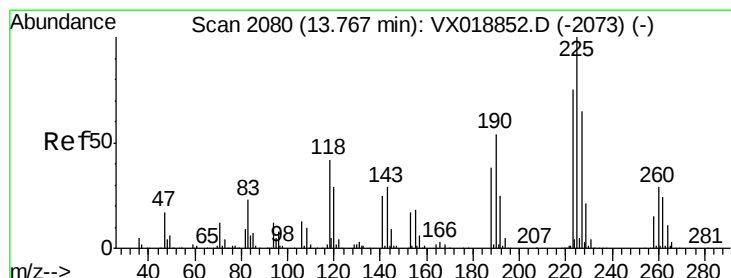
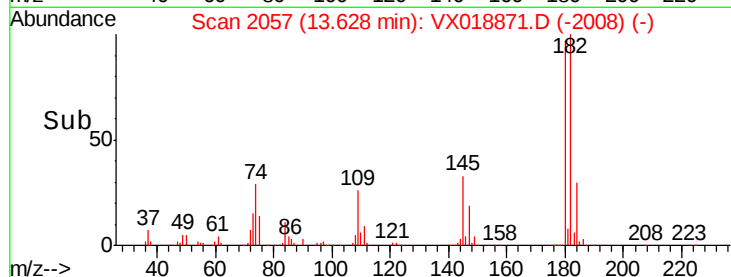
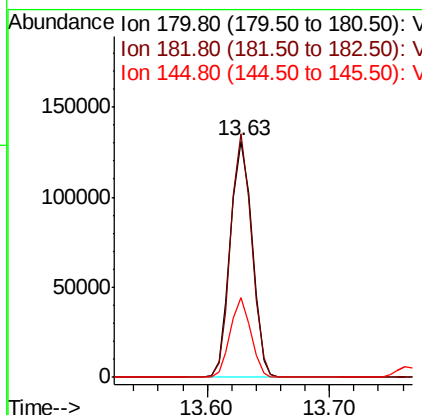
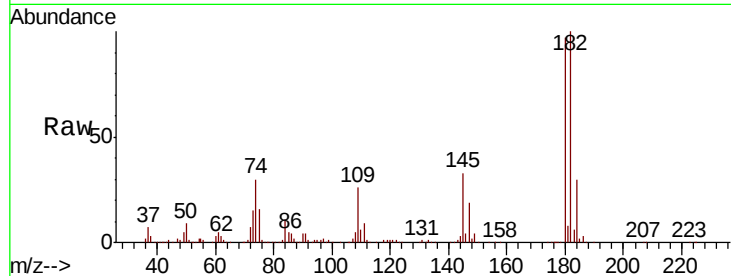




#93
 1,2,4-Trichlorobenzene
 Concen: 48.657 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018871.D
 Acq: 09 Oct 2020 21:32

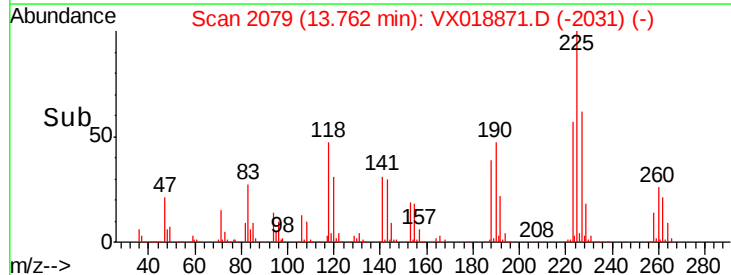
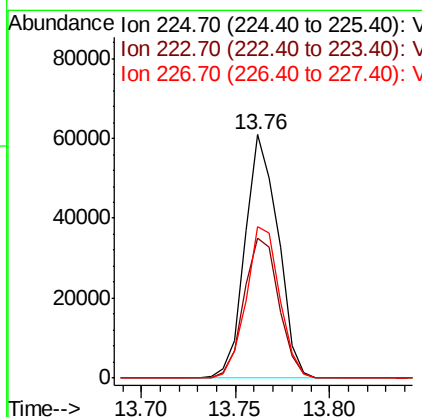
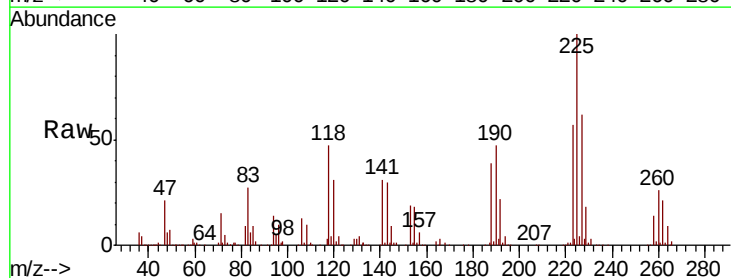
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

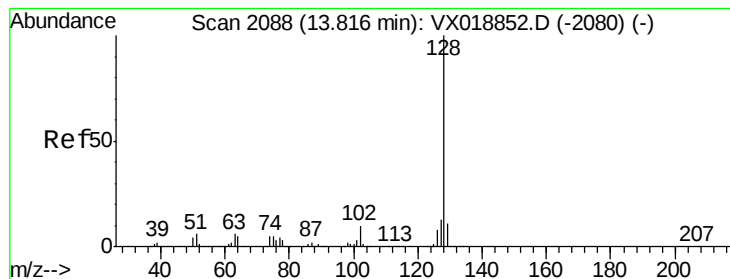
Tot Ion	Ratio	Lower	Upper
180	100		
182	98.7	49.1	147.3
145	31.6	16.0	48.0



#94
 Hexachlorobutadiene
 Concen: 50.075 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018871.D
 Acq: 09 Oct 2020 21:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	32.1	96.3
227	63.2	33.0	98.9





#95

Naphthalene

Concen: 46.155 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

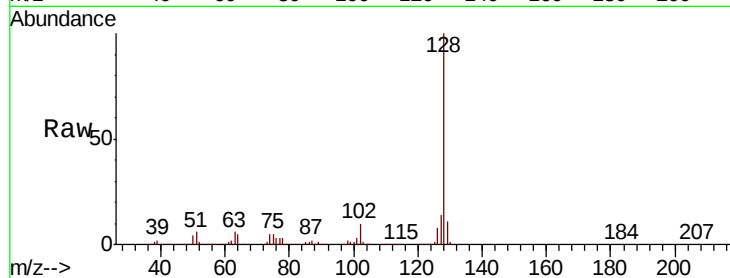
Tot Ion:128 Resp: 510402

Ion Ratio Lower Upper

128 100

127 13.3 10.1 15.1

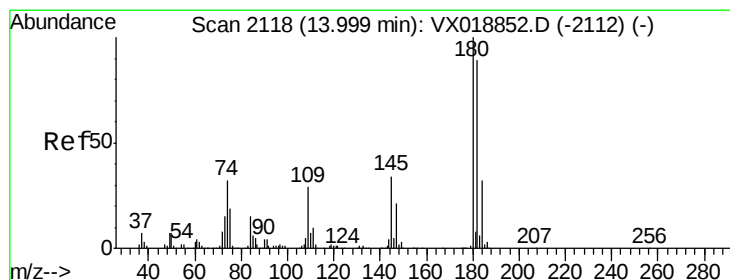
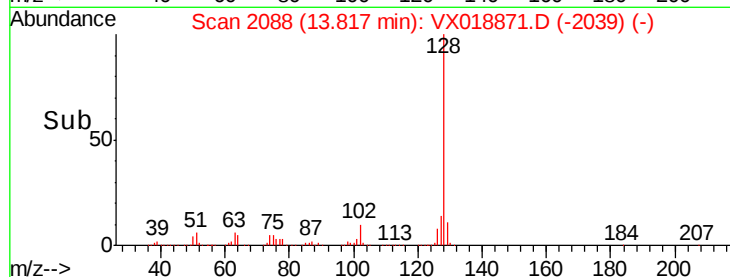
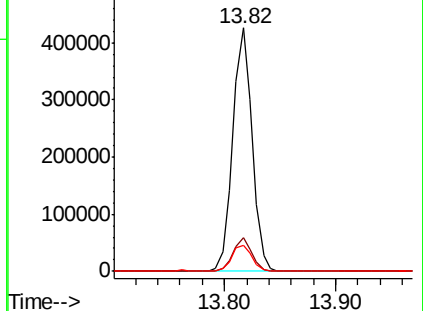
129 11.2 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.579 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX018871.D

Acq: 09 Oct 2020 21:32

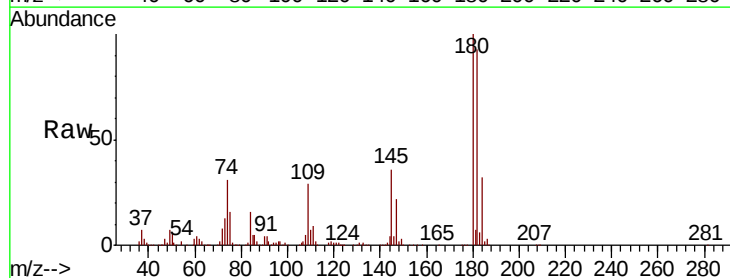
Tgt Ion:180 Resp: 161552

Ion Ratio Lower Upper

180 100

182 96.6 47.7 143.1

145 34.1 16.7 50.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

