

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100920\
 Data File : VX018855.D
 Acq On : 09 Oct 2020 14:06
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100920

Quant Time: Oct 10 06:15:34 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	5.62	168	217235	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.82	114	326088	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.09	117	304004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	168878	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	150173	46.87	ug/l	0.00
Spiked Amount						
			Recovery	=	93.74%	
35) Dibromofluoromethane	5.46	113	109023	46.91	ug/l	-0.01
Spiked Amount						
			Recovery	=	93.82%	
50) Toluene-d8	8.70	98	391630	48.58	ug/l	0.00
Spiked Amount						
			Recovery	=	97.16%	
62) 4-Bromofluorobenzene	11.12	95	158524	49.34	ug/l	0.00
Spiked Amount						
			Recovery	=	98.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	140286	54.462	ug/l	100
3) Chloromethane	1.31	50	107466	52.781	ug/l	97
4) Vinyl Chloride	1.39	62	122016	53.610	ug/l	100
5) Bromomethane	1.63	94	73555	58.027	ug/l	96
6) Chloroethane	1.71	64	74844	49.099	ug/l	94
7) Trichlorofluoromethane	1.92	101	235046	52.393	ug/l	99
8) Diethyl Ether	2.17	74	65904	52.658	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	112884	52.392	ug/l	98
10) Methyl Iodide	2.49	142	102945	45.836	ug/l	98
11) Tert butyl alcohol	3.01	59	123115	243.973	ug/l	99
12) 1,1-Dichloroethene	2.36	96	107550	53.595	ug/l	96
13) Acrolein	2.27	56	100284	238.854	ug/l	96
14) Allyl chloride	2.70	41	187567	51.565	ug/l	100
15) Acrylonitrile	3.11	53	263799	246.488	ug/l	100
16) Acetone	2.42	43	338173	280.254	ug/l	97
17) Carbon Disulfide	2.55	76	306713	52.137	ug/l	99
18) Methyl Acetate	2.75	43	126973	47.673	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	354907	52.761	ug/l	98
20) Methylene Chloride	2.83	84	118944	52.026	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	120668	51.857	ug/l	100
22) Diisopropyl ether	3.82	45	336609	51.707	ug/l	97
23) Vinyl Acetate	3.78	43	1685747	269.246	ug/l	100
24) 1,1-Dichloroethane	3.67	63	214526	49.013	ug/l	97
25) 2-Butanone	4.63	43	433736	249.933	ug/l	100
26) 2,2-Dichloropropane	4.55	77	220066	52.110	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	133730	51.751	ug/l	98
28) Bromochloromethane	4.98	49	94059	48.698	ug/l	97
29) Tetrahydrofuran	5.08	42	230339	247.388	ug/l	98
30) Chloroform	5.17	83	235827	48.903	ug/l	99
31) Cyclohexane	5.54	56	165555	55.322	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	228579	49.878	ug/l	99
36) 1,1-Dichloropropene	5.77	75	174449	50.882	ug/l	99
37) Ethyl Acetate	4.79	43	165144	49.880	ug/l	99
38) Carbon Tetrachloride	5.75	117	212607	50.031	ug/l	96

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 ClientSampleId :
 ICVVX100920

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	173635	54.940	ug/l	98
40) Benzene	6.11	78	465219	50.506	ug/l	99
41) Methacrylonitrile	4.99	41	91286	47.528	ug/l	99
42) 1,2-Dichloroethane	6.16	62	208890	48.373	ug/l	99
43) Isopropyl Acetate	6.41	43	273729	49.748	ug/l	99
44) Trichloroethene	7.19	130	136987	49.591	ug/l	94
45) 1,2-Dichloropropane	7.49	63	121142	49.705	ug/l	98
46) Dibromomethane	7.63	93	89183	49.515	ug/l	99
47) Bromodichloromethane	7.87	83	194854	49.923	ug/l	95
48) Methyl methacrylate	7.74	41	138611	49.647	ug/l	99
49) 1,4-Dioxane	7.71	88	36419	930.291	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	817437	254.536	ug/l	99
52) Toluene	8.76	92	310524	52.532	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	212600	52.606	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	216525	52.082	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	125526	49.438	ug/l	99
56) Ethyl methacrylate	9.16	69	181455	49.017	ug/l	99
57) 1,3-Dichloropropane	9.35	76	211090	51.237	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	523369	284.900	ug/l	100
59) 2-Hexanone	9.47	43	642565	262.617	ug/l	99
60) Dibromochloromethane	9.56	129	160814	50.455	ug/l	98
61) 1,2-Dibromoethane	9.65	107	134709	49.474	ug/l	98
64) Tetrachloroethene	9.32	164	124211	56.102	ug/l	96
65) Chlorobenzene	10.12	112	336426	51.209	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.20	131	139620	51.514	ug/l	100
67) Ethyl Benzene	10.23	91	602505	54.364	ug/l	99
68) m/p-Xylenes	10.34	106	461020	109.488	ug/l	98
69) o-Xylene	10.68	106	218413	55.055	ug/l	100
70) Styrene	10.70	104	382043	56.884	ug/l	99
71) Bromoform	10.84	173	122449	52.234	ug/l #	98
73) Isopropylbenzene	11.00	105	613143	55.502	ug/l	100
74) N-amyl acetate	10.88	43	247940	56.727	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	182645	49.604	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	230253	63.278	ug/l	84
77) Bromobenzene	11.24	156	161053	53.072	ug/l	98
78) n-propylbenzene	11.34	91	708886	56.314	ug/l	99
79) 2-Chlorotoluene	11.40	91	425053	54.169	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	541913	57.348	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	65598	51.089	ug/l	100
82) 4-Chlorotoluene	11.49	91	511804	54.854	ug/l	100
83) tert-Butylbenzene	11.76	119	522952	55.261	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	536406	55.841	ug/l	100
85) sec-Butylbenzene	11.93	105	604507	56.703	ug/l	99
86) p-Isopropyltoluene	12.05	119	588080	58.145	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	303257	54.413	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	299460	53.046	ug/l	99
89) n-Butylbenzene	12.37	91	509439	57.972	ug/l	99
90) Hexachloroethane	12.58	117	98092	52.169	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	274899	51.818	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	46337	49.206	ug/l	95

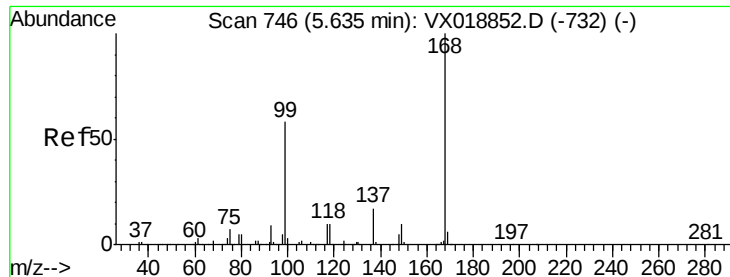
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100920\
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Quant Time: Oct 10 06:15:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
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QLast Update : Sat Oct 10 06:09:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	186956	54.932	ug/l	97
94) Hexachlorobutadiene	13.76	225	84247	55.730	ug/l	93
95) Naphthalene	13.82	128	560942	49.406	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	181667	54.557	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX018855.D

Acq: 09 Oct 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

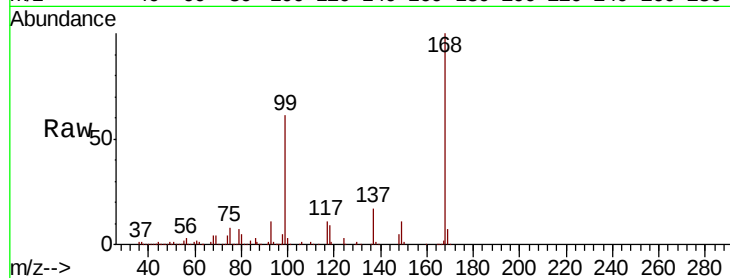
ICVVX100920

Tot Ion:168 Resp: 217235

Ion Ratio Lower Upper

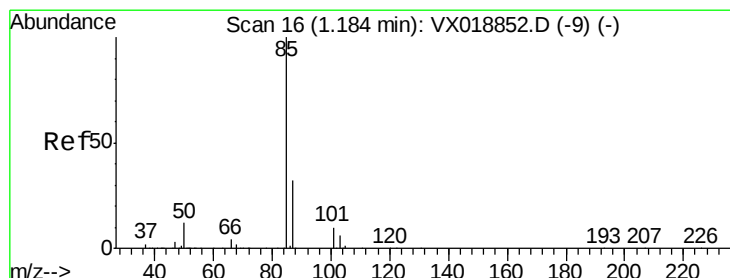
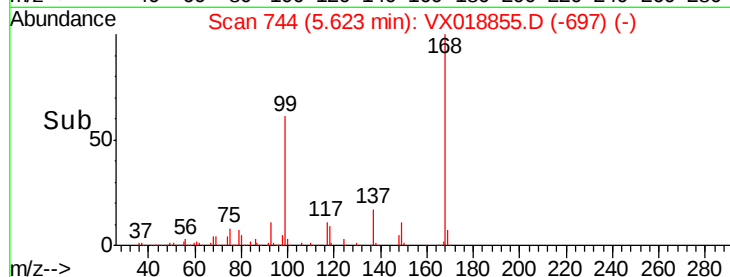
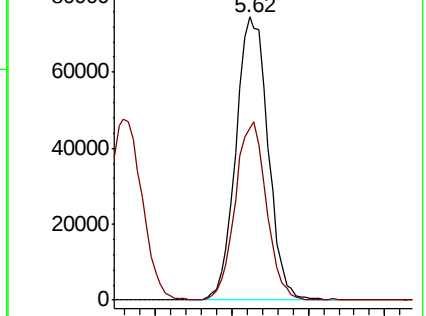
168 100

99 60.5 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 54.462 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018855.D

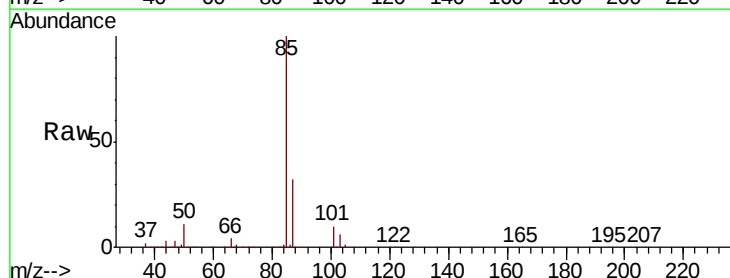
Acq: 09 Oct 2020 14:06

Tgt Ion: 85 Resp: 140286

Ion Ratio Lower Upper

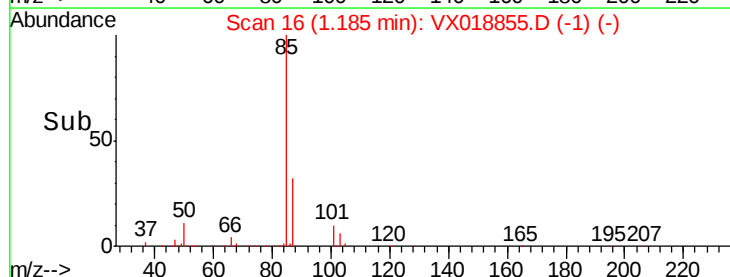
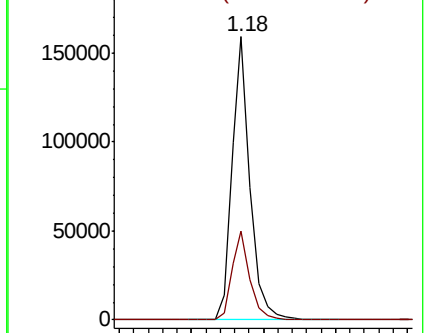
85 100

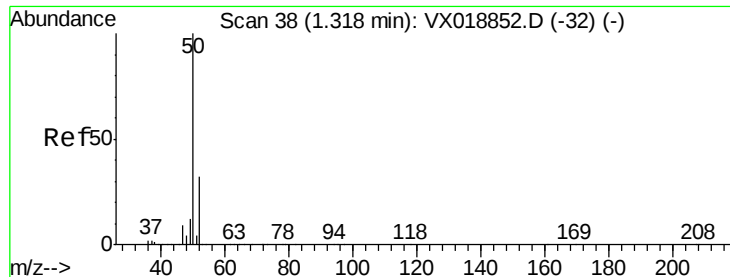
87 31.6 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 52.781 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018855.D

Acq: 09 Oct 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

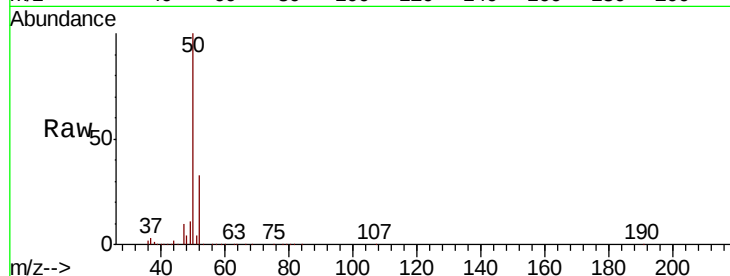
ICVVX100920

Tot Ion: 50 Resp: 107466

Ion Ratio Lower Upper

50 100

52 33.3 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

120000

100000

80000

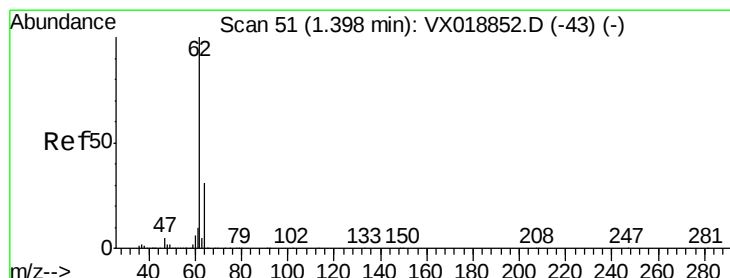
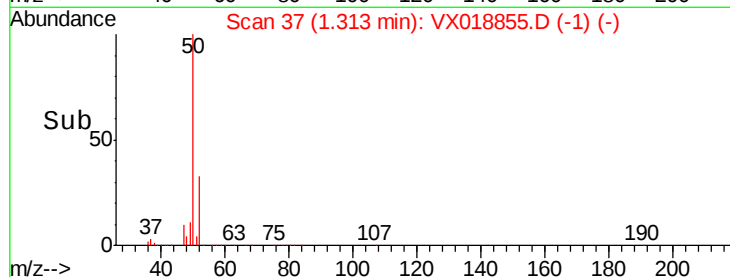
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 53.610 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX018855.D

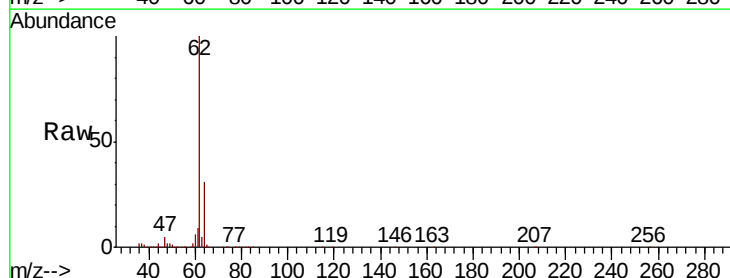
Acq: 09 Oct 2020 14:06

Tgt Ion: 62 Resp: 122016

Ion Ratio Lower Upper

62 100

64 30.9 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

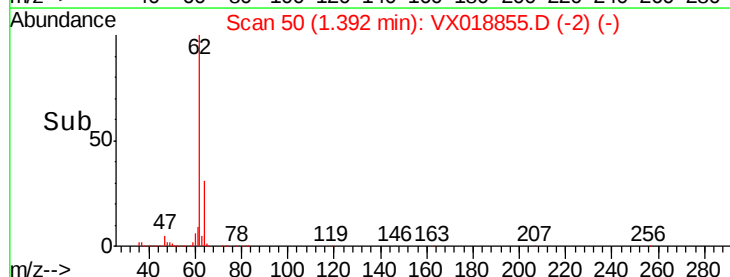
1.39

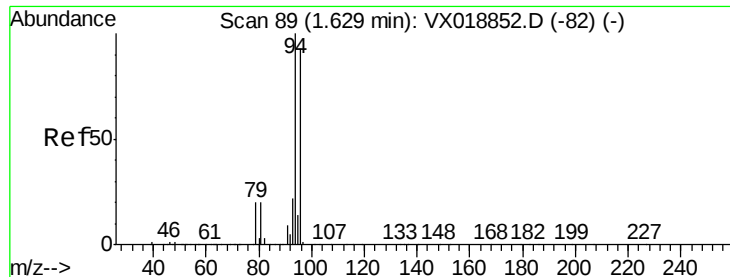
100000

50000

0

Time-->





#5

Bromomethane

Concen: 58.027 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.00 min

Lab File: VX018855.D

Acq: 09 Oct 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

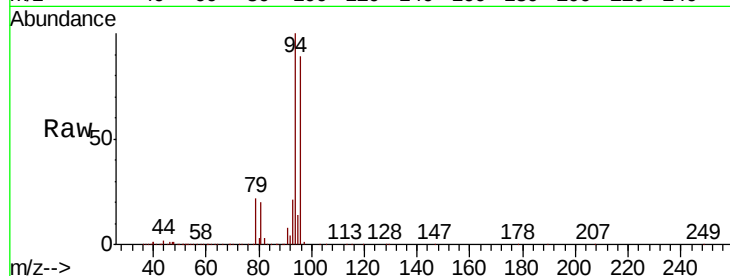
ICVVX100920

Tot Ion: 94 Resp: 73555

Ion Ratio Lower Upper

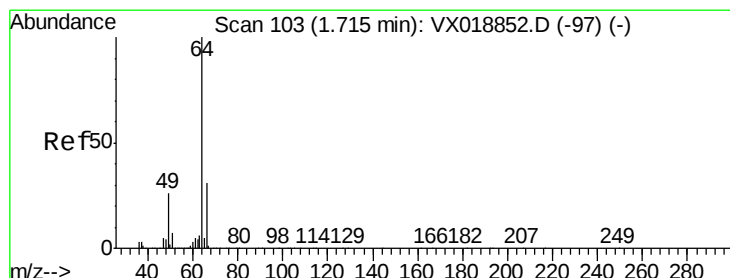
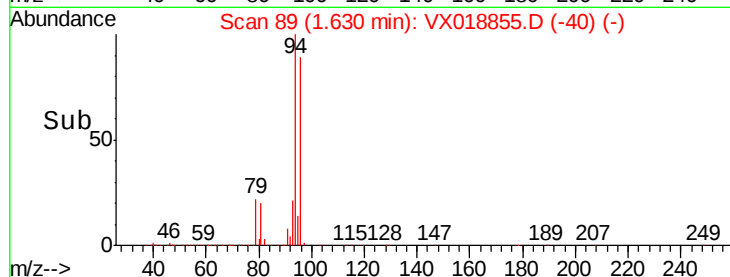
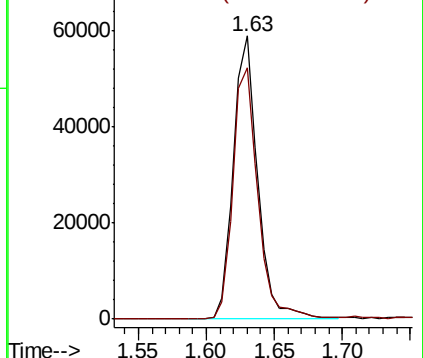
94 100

96 88.9 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: 49.099 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.01 min

Lab File: VX018855.D

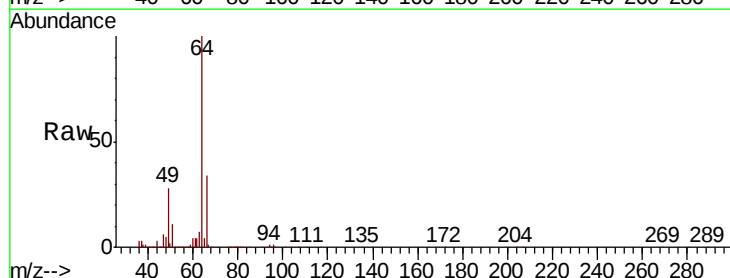
Acq: 09 Oct 2020 14:06

Tgt Ion: 64 Resp: 74844

Ion Ratio Lower Upper

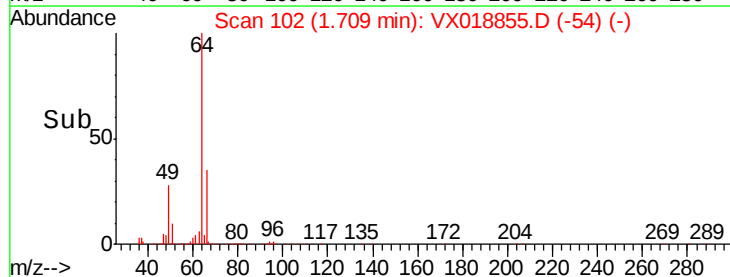
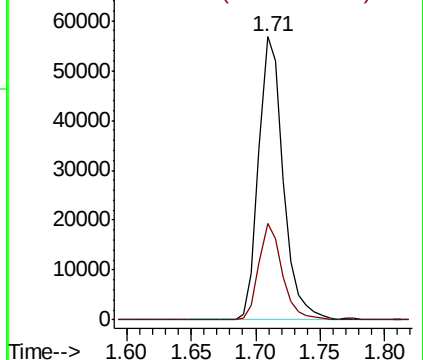
64 100

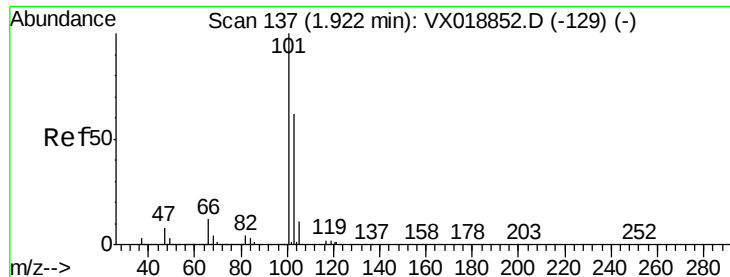
66 34.0 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



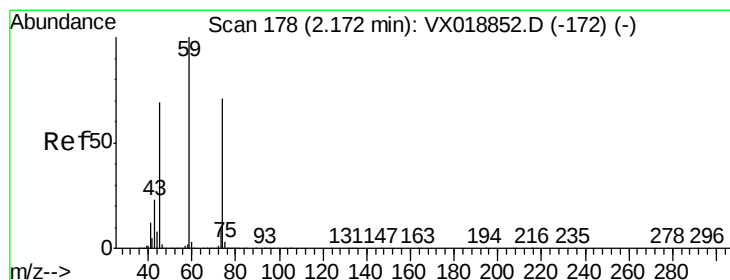
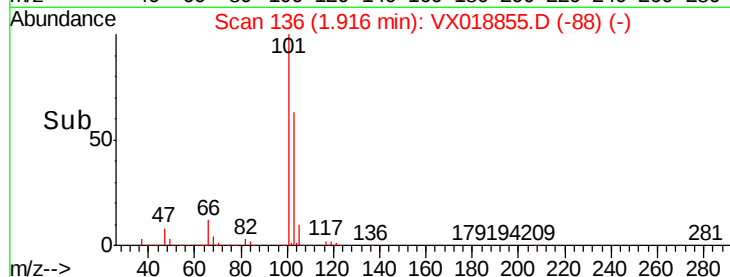
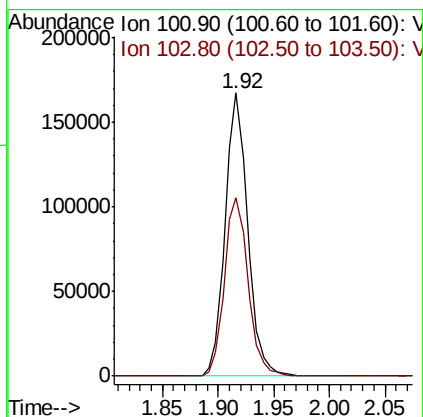
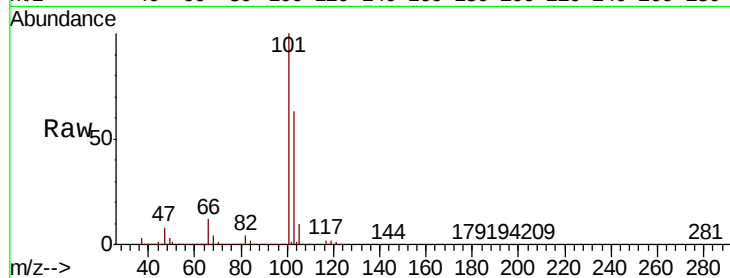


#7

Trichlorofluoromethane
 Concen: 52.393 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: VX018855.D
 Acq: 09 Oct 2020 14:06

Instrument :
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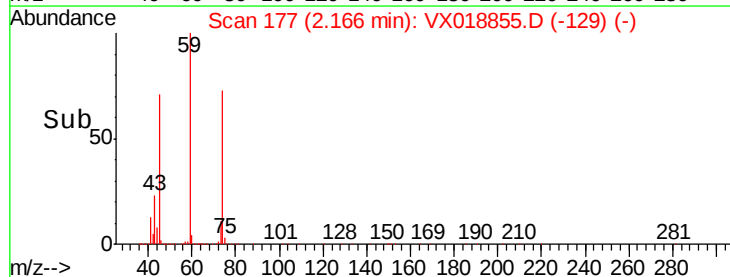
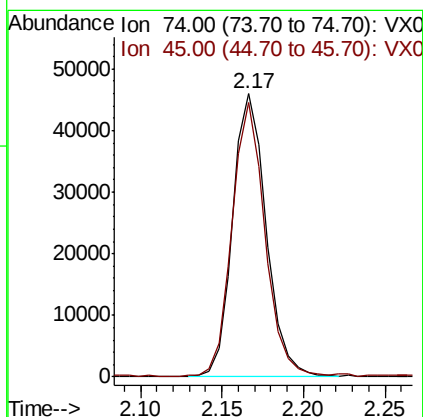
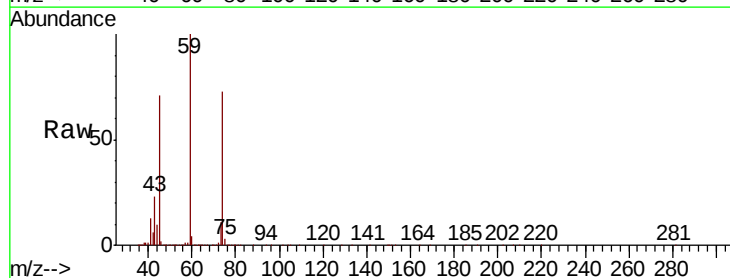
Tot Ion:101 Resp: 235046
 Ion Ratio Lower Upper
 101 100
 103 63.0 50.0 75.0

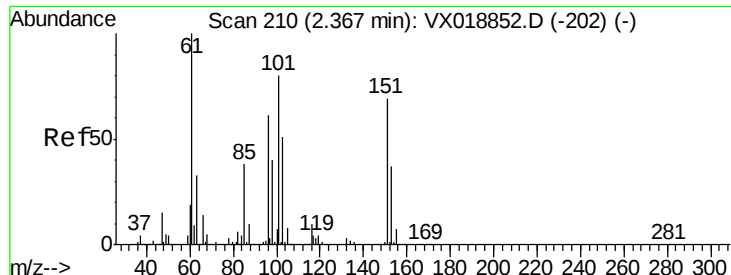


#8

Diethyl Ether
 Concen: 52.658 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX018855.D
 Acq: 09 Oct 2020 14:06

Tgt Ion: 74 Resp: 65904
 Ion Ratio Lower Upper
 74 100
 45 94.6 47.0 141.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.392 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX018855.D

Acq: 09 Oct 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

ICVVX100920

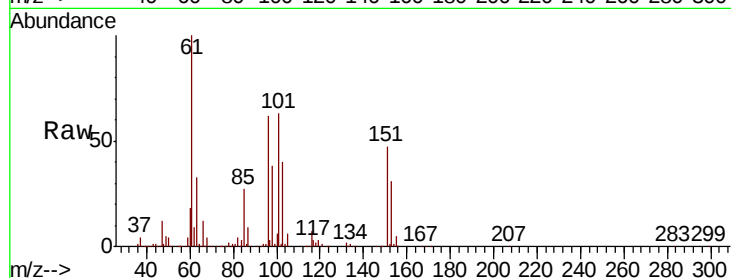
Tot Ion:101 Resp: 112884

Ion Ratio Lower Upper

101 100

85 45.0 36.6 55.0

151 81.4 67.2 100.8

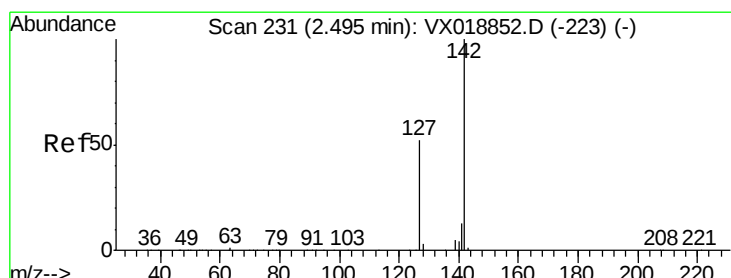
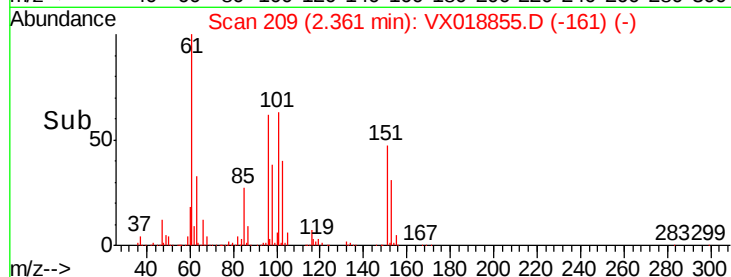
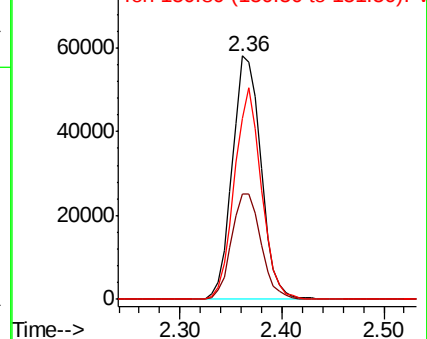


Abundance

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: 45.836 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX018855.D

Acq: 09 Oct 2020 14:06

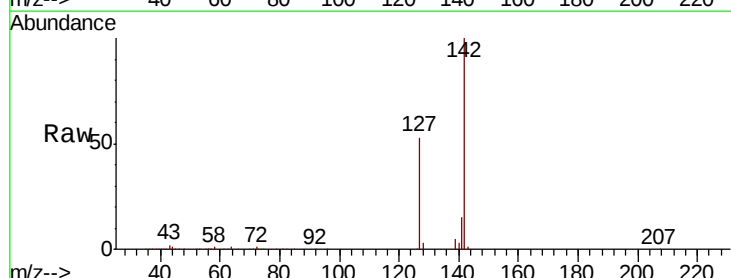
Tgt Ion:142 Resp: 102945

Ion Ratio Lower Upper

142 100

127 50.8 42.0 63.0

141 14.6 11.8 17.6

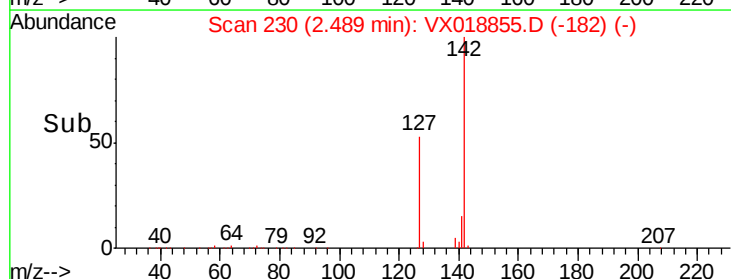
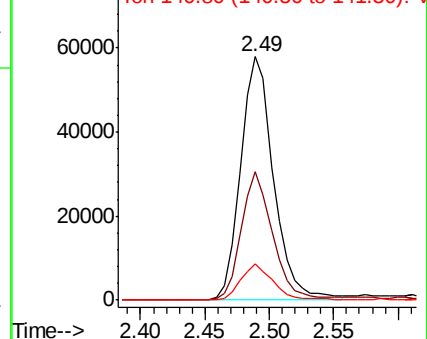


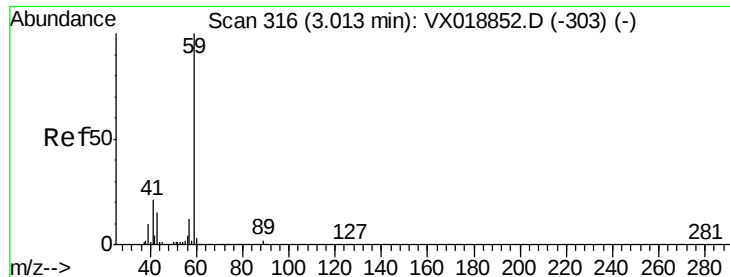
Abundance

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



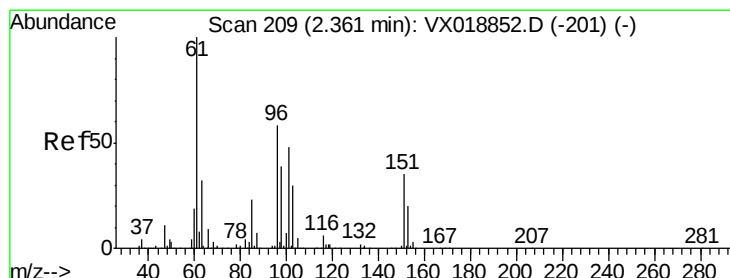
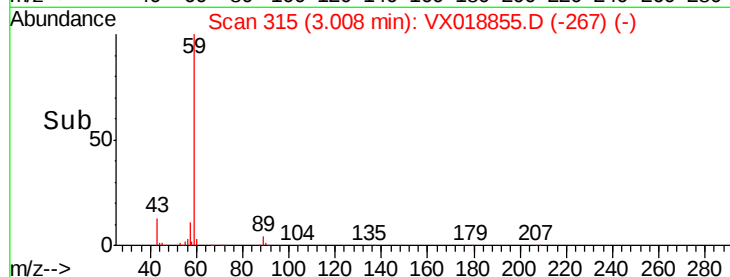
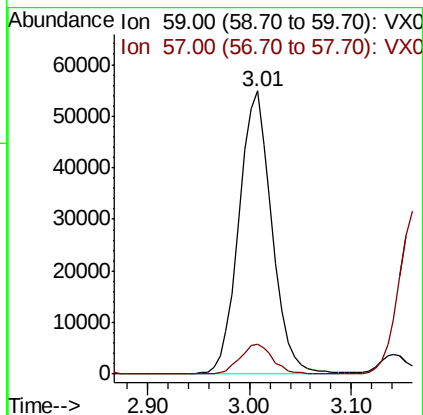
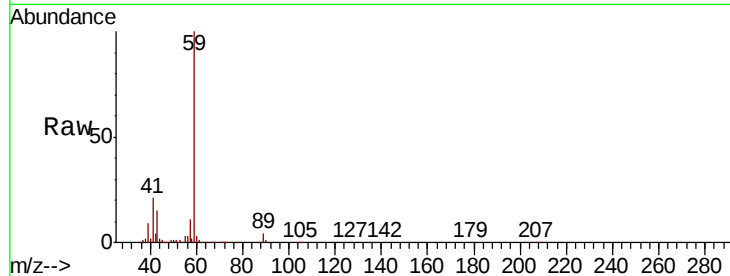


#11

Tert butyl alcohol
Concen: 243.973 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX018855.D
Acq: 09 Oct 2020 14:06

Instrument :
MSVOA_X
ClientSampleId :
ICVVX100920

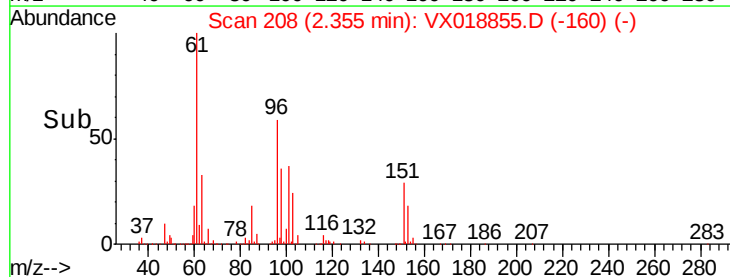
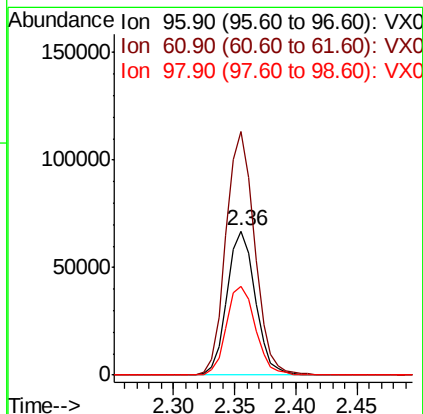
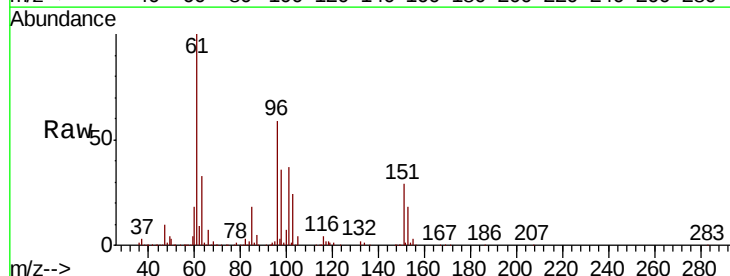
Tot Ion: 59 Resp: 123115
Ion Ratio Lower Upper
59 100
57 10.9 9.0 13.6

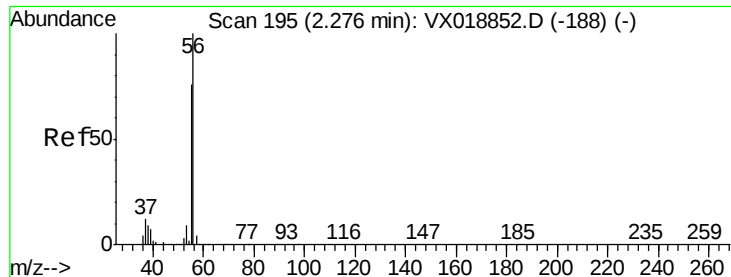


#12

1,1-Dichloroethene
Concen: 53.595 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018855.D
Acq: 09 Oct 2020 14:06

Tgt Ion: 96 Resp: 107550
Ion Ratio Lower Upper
96 100
61 168.7 137.0 205.6
98 61.1 53.9 80.9





#13

Acrolein

Concen: 238.854 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018855.D

Acq: 09 Oct 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

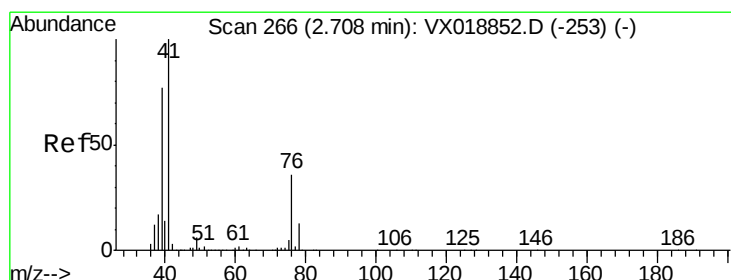
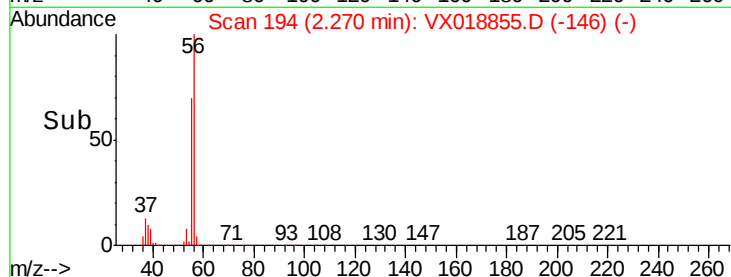
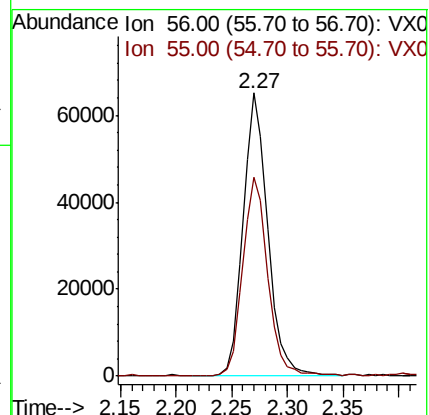
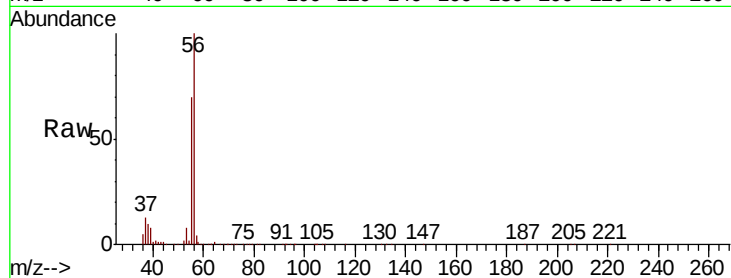
ICVVX100920

Tot Ion: 56 Resp: 100284

Ion Ratio Lower Upper

56 100

55 70.0 58.6 87.8



#14

Allyl chloride

Concen: 51.565 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018855.D

Acq: 09 Oct 2020 14:06

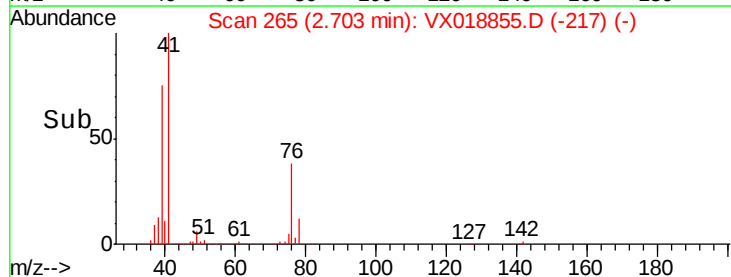
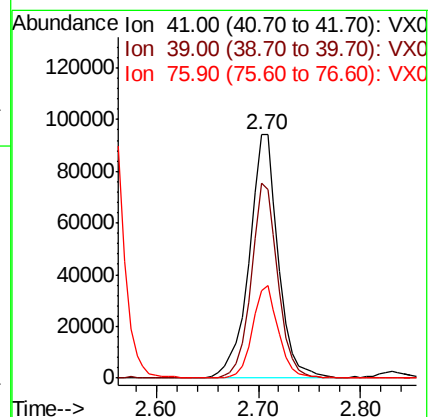
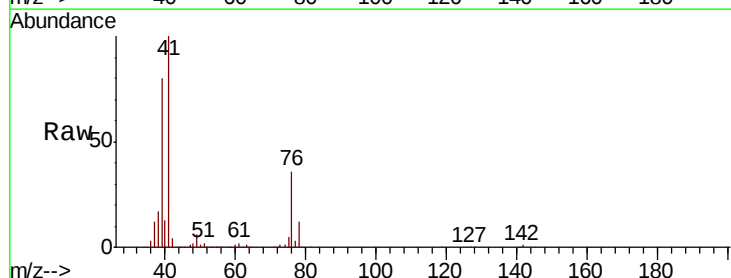
Tgt Ion: 41 Resp: 187567

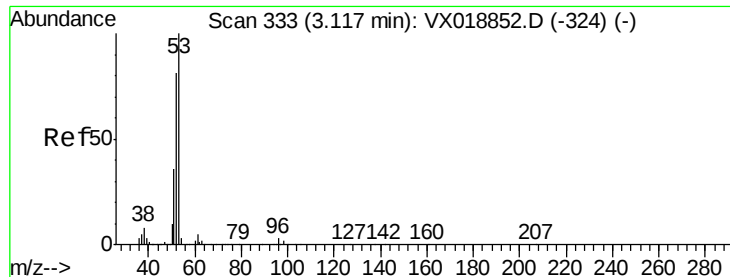
Ion Ratio Lower Upper

41 100

39 72.4 57.8 86.8

76 33.4 26.8 40.2





#15

Acrylonitrile

Concen: 246.488 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018855.D

Acq: 09 Oct 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

ICVVX100920

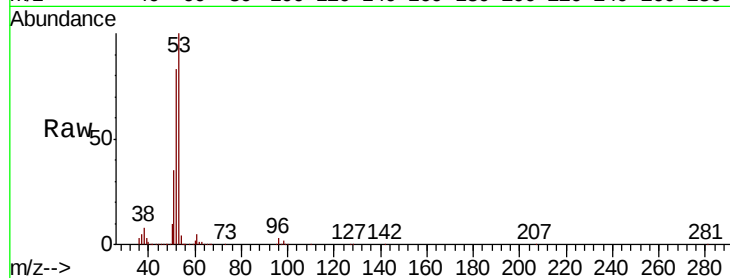
Tot Ion: 53 Resp: 263799

Ion Ratio Lower Upper

53 100

52 83.3 66.7 100.1

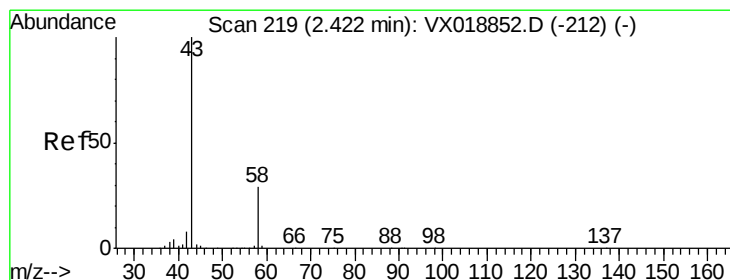
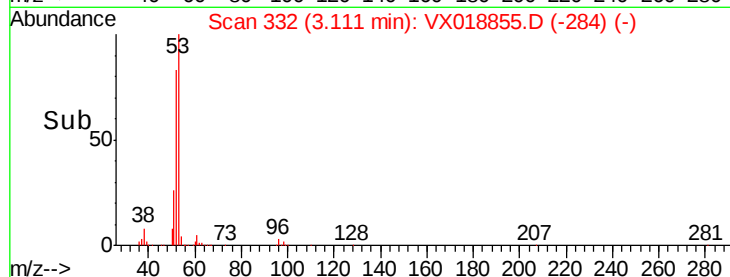
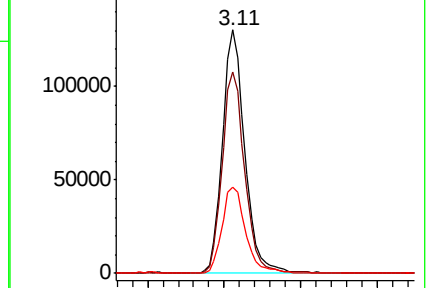
51 37.5 30.3 45.5



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: 280.254 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX018855.D

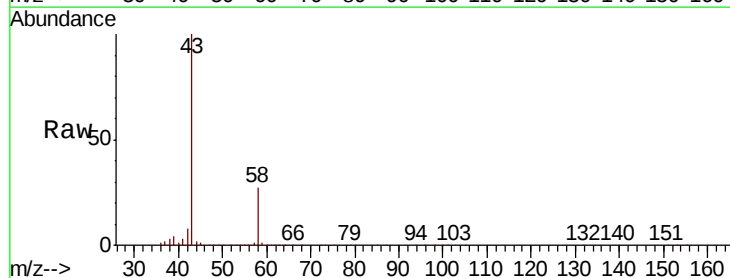
Acq: 09 Oct 2020 14:06

Tgt Ion: 43 Resp: 338173

Ion Ratio Lower Upper

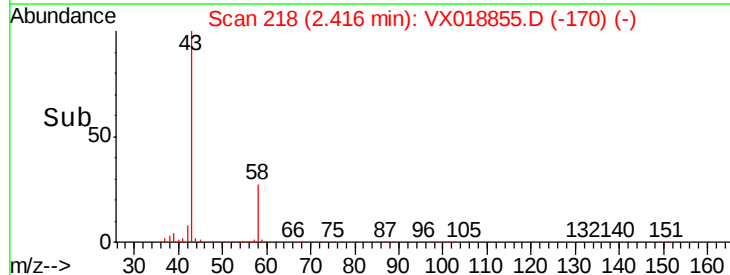
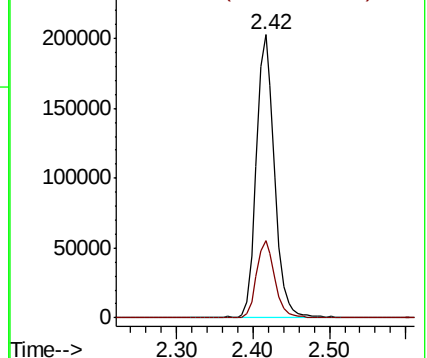
43 100

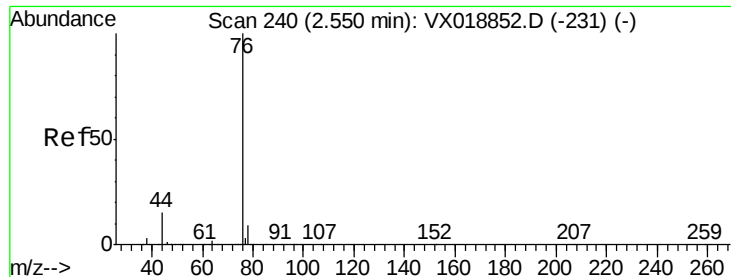
58 27.0 23.0 34.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 52.137 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018855.D

Acq: 09 Oct 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

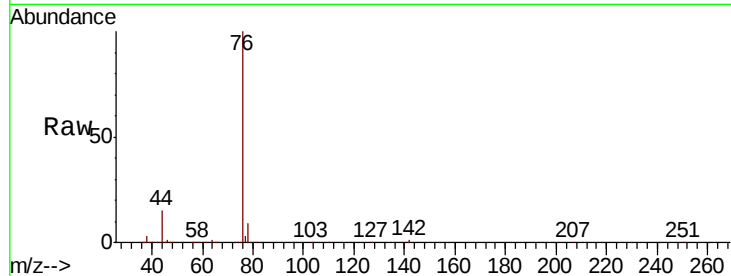
ICVVX100920

Tot Ion: 76 Resp: 306713

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

200000

150000

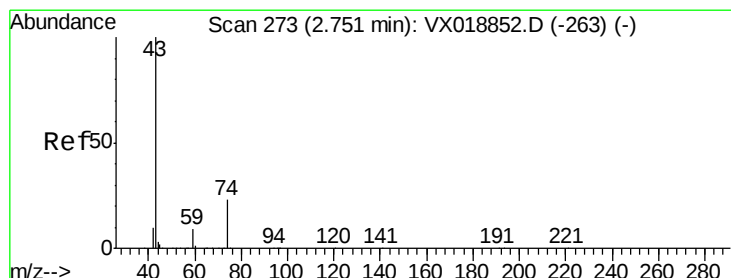
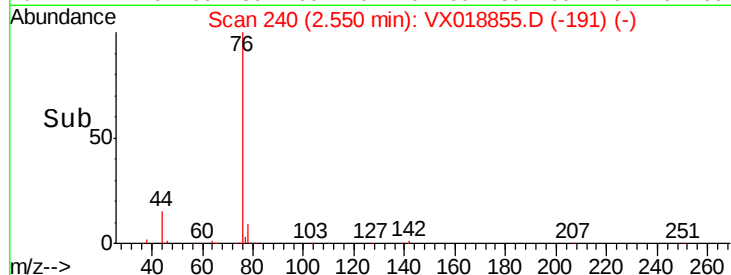
100000

50000

0

2.50 2.60

Time-->



#18

Methyl Acetate

Concen: 47.673 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX018855.D

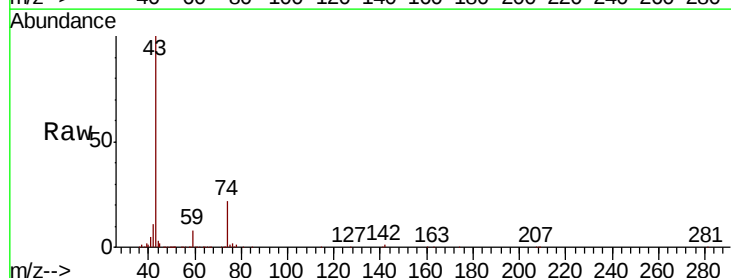
Acq: 09 Oct 2020 14:06

Tgt Ion: 43 Resp: 126973

Ion Ratio Lower Upper

43 100

74 23.3 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

80000

60000

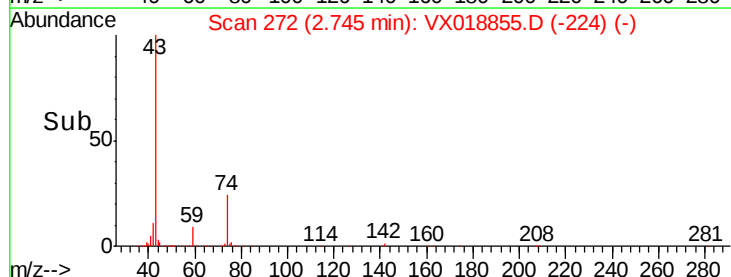
40000

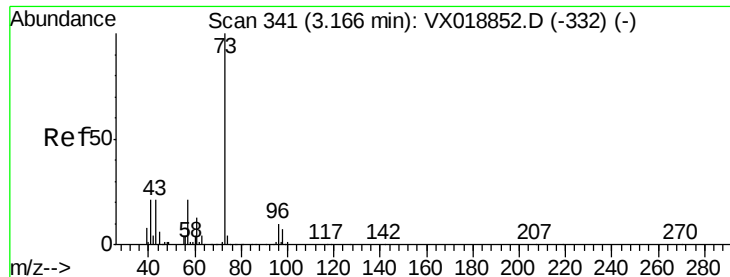
20000

0

2.70 2.80

Time-->



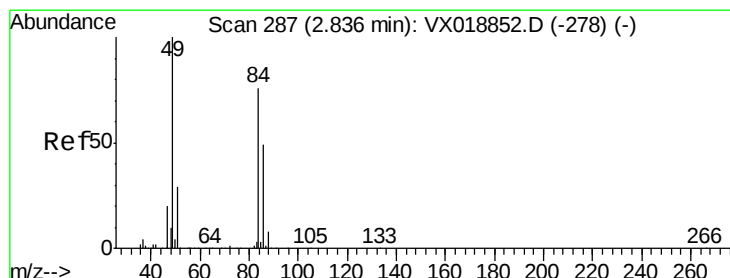
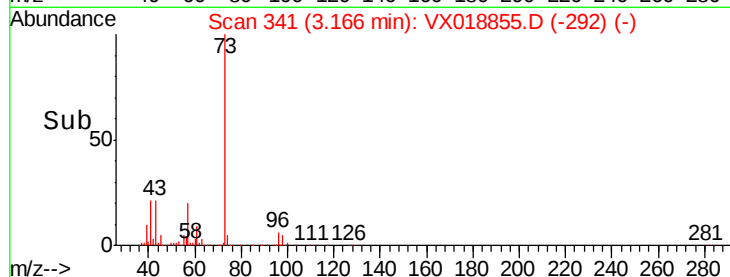
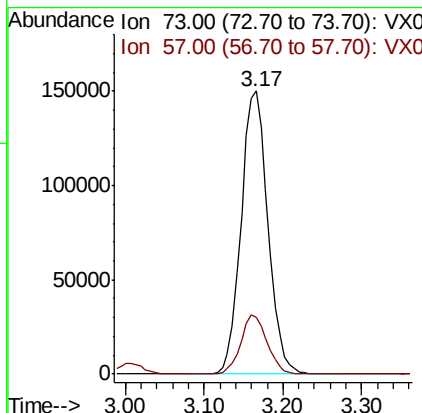
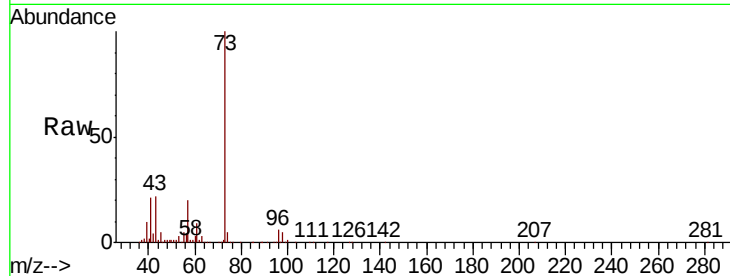


#19

Methyl tert-butyl Ether
 Concen: 52.761 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018855.D
 Acq: 09 Oct 2020 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100920

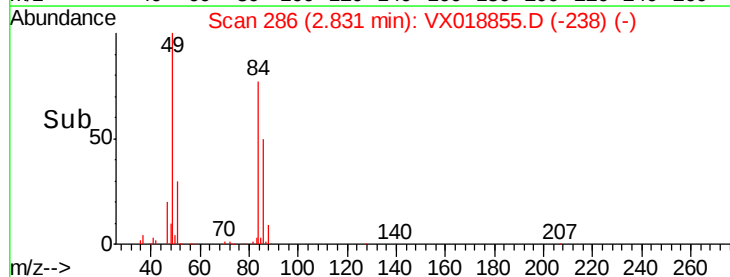
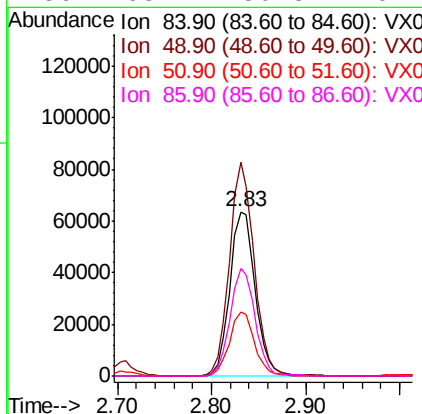
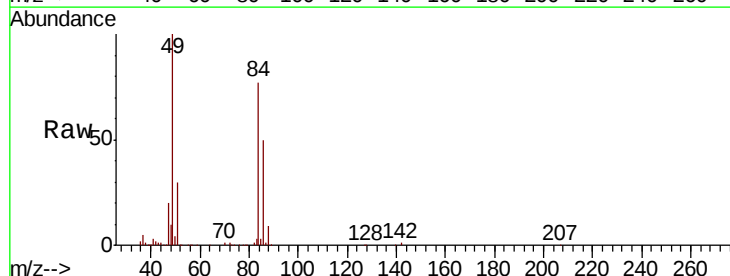
Tot Ion: 73 Resp: 354907
 Ion Ratio Lower Upper
 73 100
 57 20.0 16.7 25.1

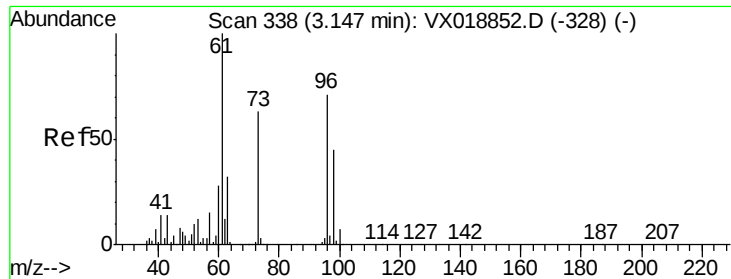


#20

Methylene Chloride
 Concen: 52.026 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX018855.D
 Acq: 09 Oct 2020 14:06

Tgt Ion: 84 Resp: 118944
 Ion Ratio Lower Upper
 84 100
 49 129.7 104.8 157.2
 51 38.9 30.6 46.0
 86 65.1 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 51.857 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.01 min

Lab File: VX018855.D

Acq: 09 Oct 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

ICVVX100920

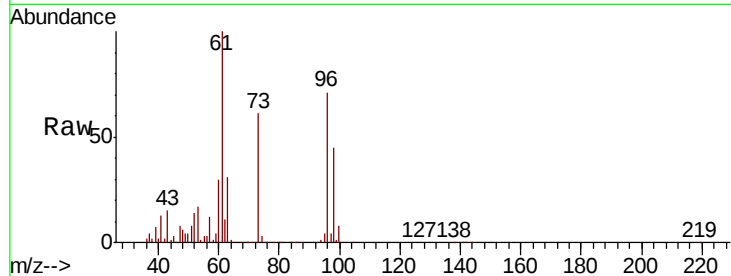
Tot Ion: 96 Resp: 120668

Ion Ratio Lower Upper

96 100

61 140.1 112.0 168.0

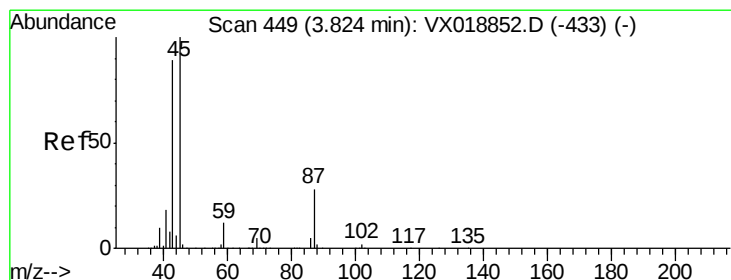
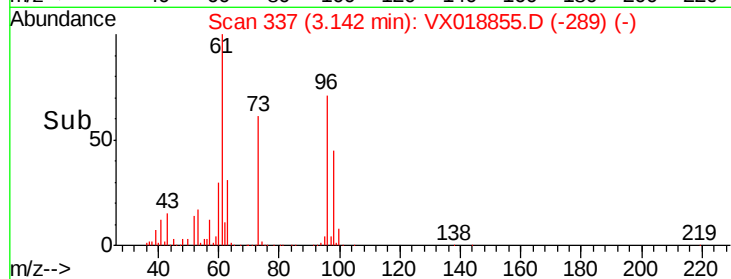
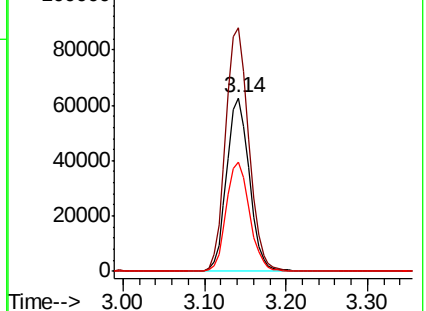
98 62.9 50.2 75.2



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: 51.707 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX018855.D

Acq: 09 Oct 2020 14:06

Tgt Ion: 45 Resp: 336609

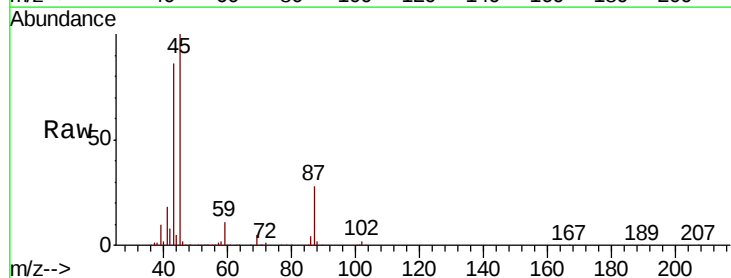
Ion Ratio Lower Upper

45 100

43 85.0 71.2 106.8

87 28.3 22.5 33.7

59 10.7 9.2 13.8

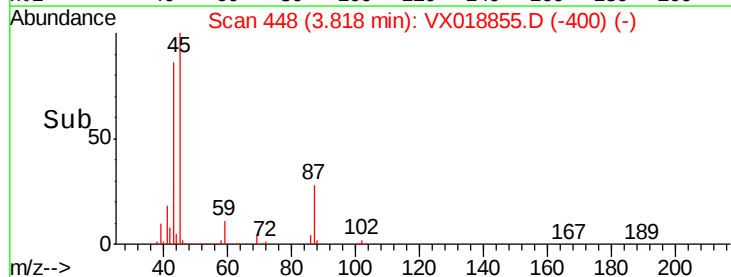
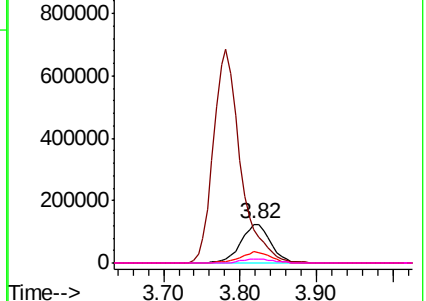


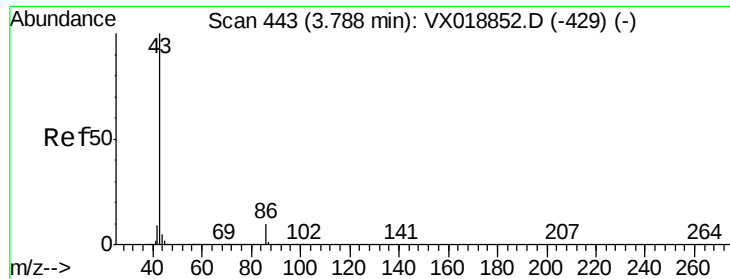
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 269.246 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018855.D

Acq: 09 Oct 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

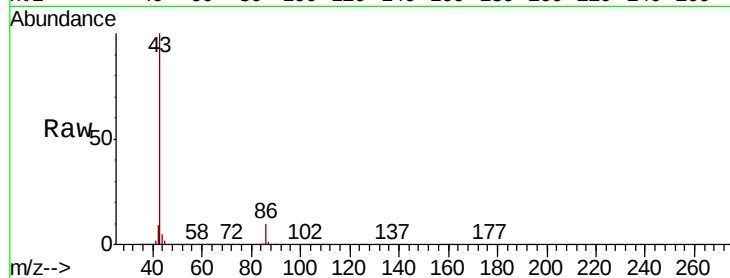
ICVVX100920

Tot Ion: 43 Resp: 1685747

Ion Ratio Lower Upper

43 100

86 10.4 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

800000

600000

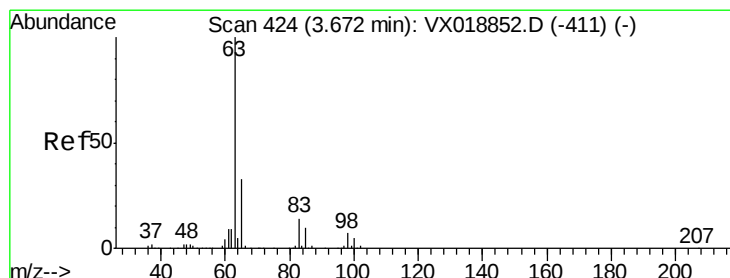
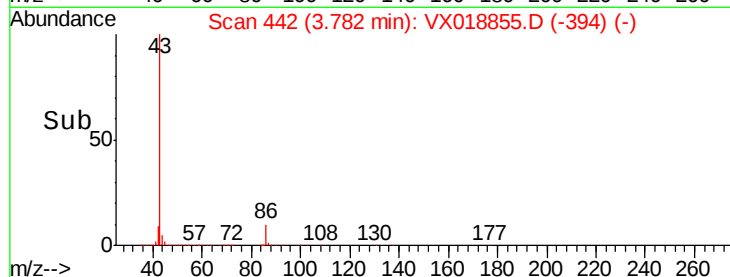
400000

200000

0

3.60 3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 49.013 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX018855.D

Acq: 09 Oct 2020 14:06

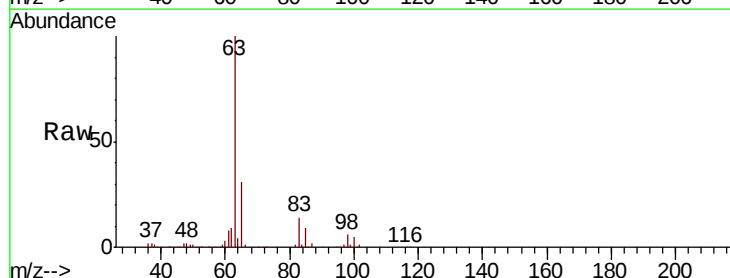
Tgt Ion: 63 Resp: 214526

Ion Ratio Lower Upper

63 100

98 6.1 3.8 11.2

100 4.6 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

120000

100000

80000

60000

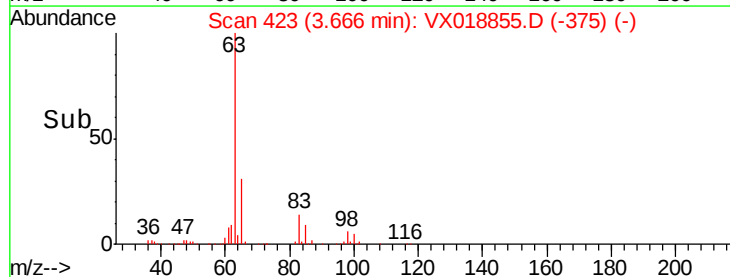
40000

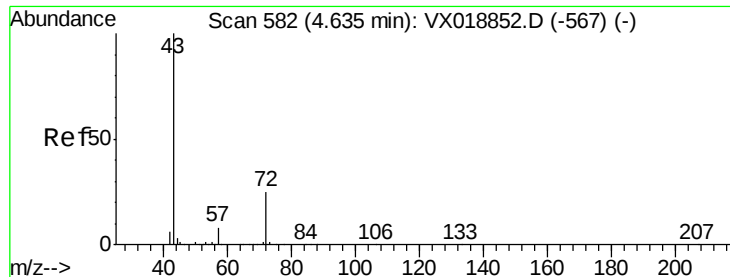
20000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 249.933 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX018855.D

Acq: 09 Oct 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

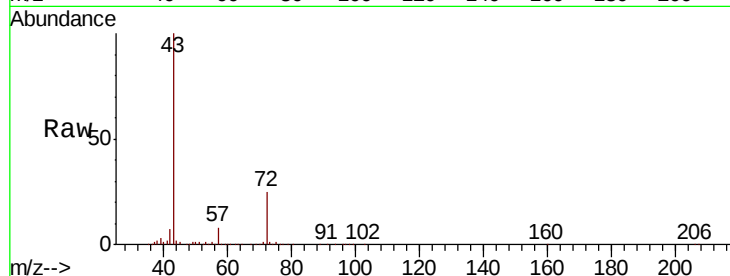
ICVVX100920

Tot Ion: 43 Resp: 433736

Ion Ratio Lower Upper

43 100

72 25.2 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

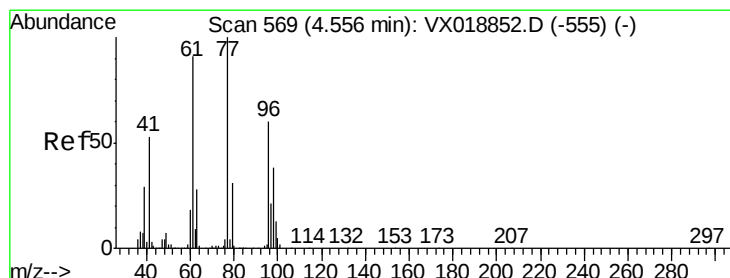
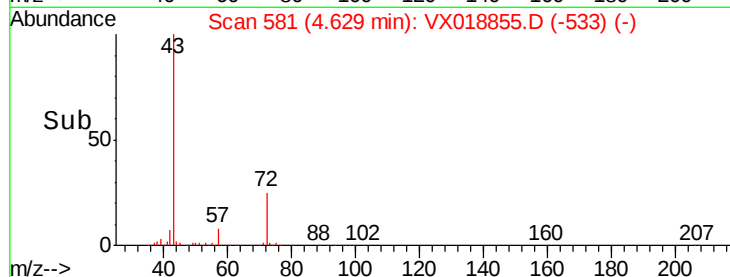
100000

50000

0

4.50 4.60 4.70

Time-->



#26

2,2-Dichloropropane

Concen: 52.110 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX018855.D

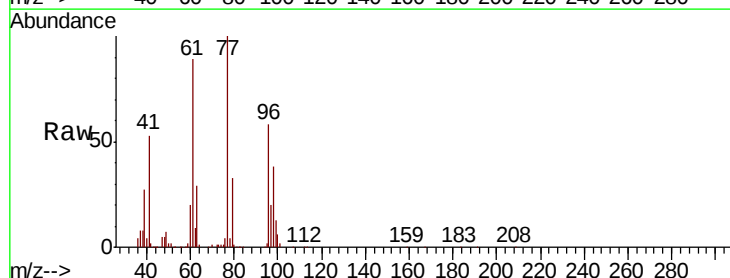
Acq: 09 Oct 2020 14:06

Tgt Ion: 77 Resp: 220066

Ion Ratio Lower Upper

77 100

97 20.9 10.4 31.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

80000

60000

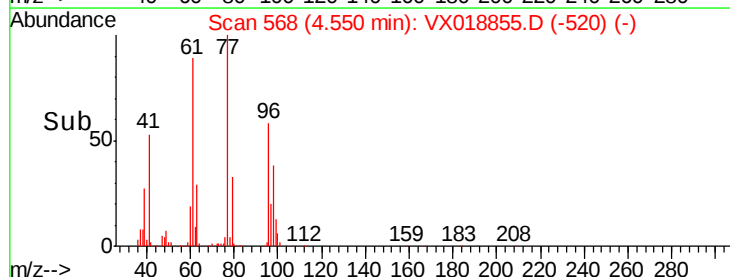
40000

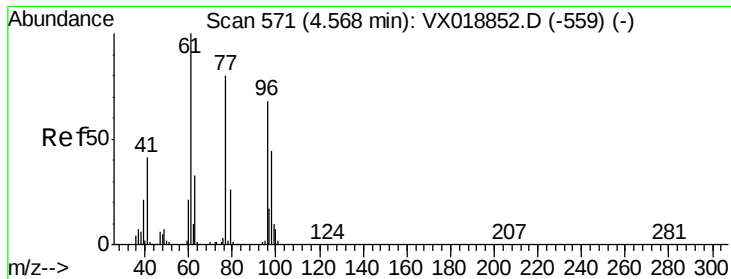
20000

0

4.40 4.50 4.60 4.70

Time-->



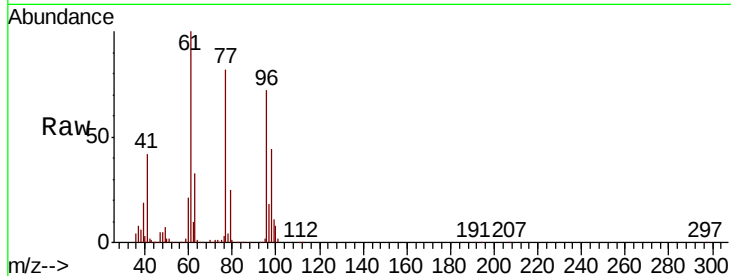


#27

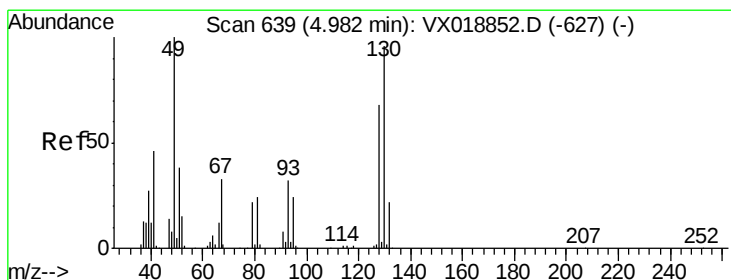
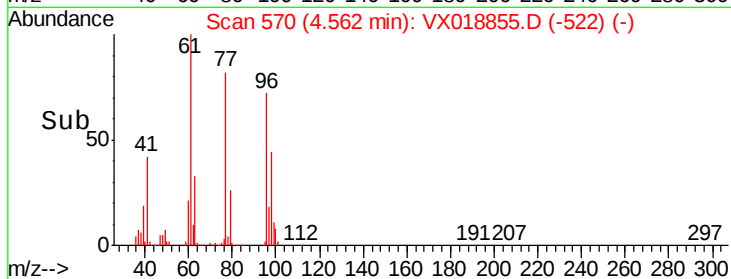
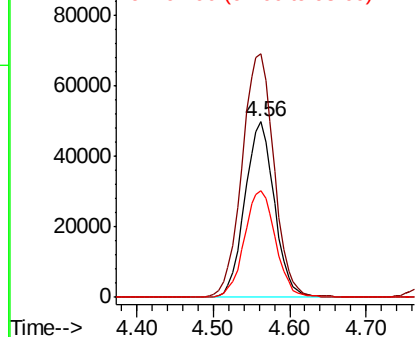
cis-1,2-Dichloroethene
 Concen: 51.751 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX018855.D
 Acq: 09 Oct 2020 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100920

Tot Ion: 96 Resp: 133730
 Ion Ratio Lower Upper
 96 100
 61 150.2 0.0 306.8
 98 64.1 0.0 130.2



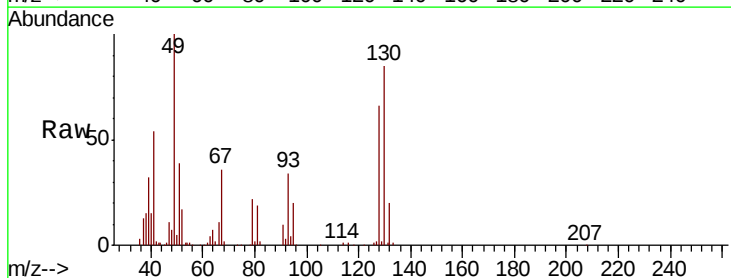
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



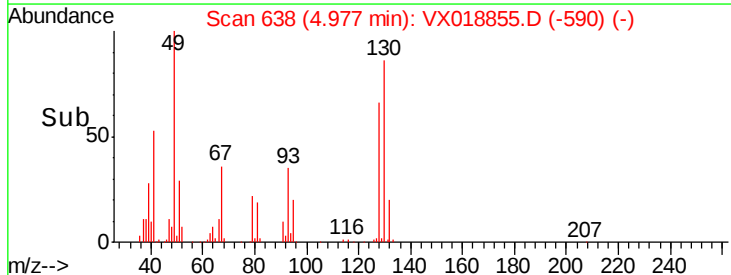
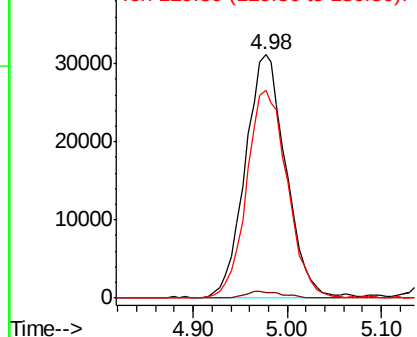
#28

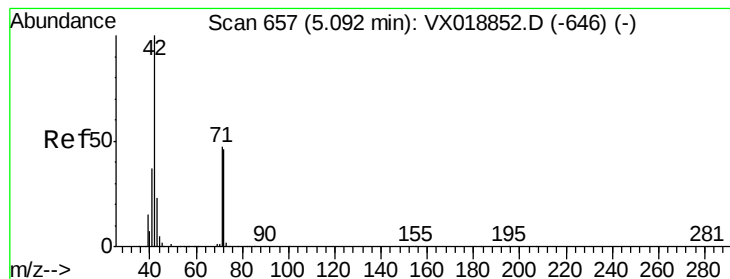
Bromochloromethane
 Concen: 48.698 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX018855.D
 Acq: 09 Oct 2020 14:06

Tgt Ion: 49 Resp: 94059
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 5.4
 130 85.8 71.2 106.8



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





#29

Tetrahydrofuran

Concen: 247.388 ug/l

RT: 5.08 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX018855.D

Acq: 09 Oct 2020 14:06

Instrument :

MSVOA_X

ClientSampled :

ICVVX100920

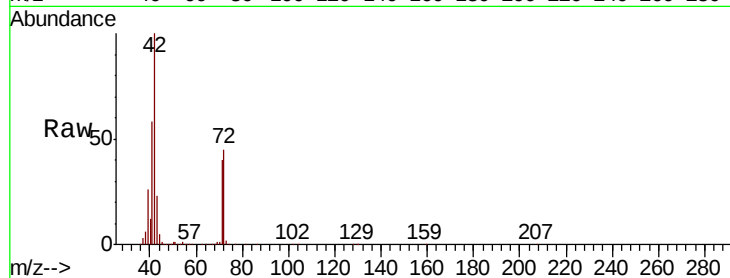
Tot Ion: 42 Resp: 230339

Ion Ratio Lower Upper

42 100

72 45.4 36.4 54.6

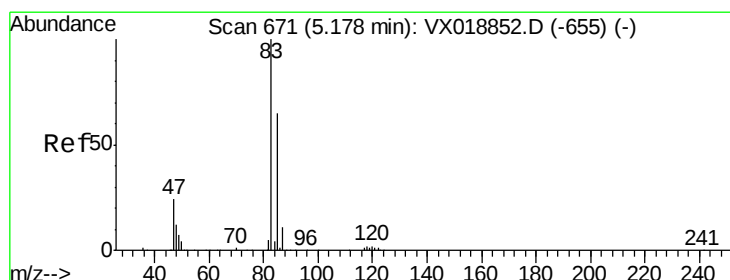
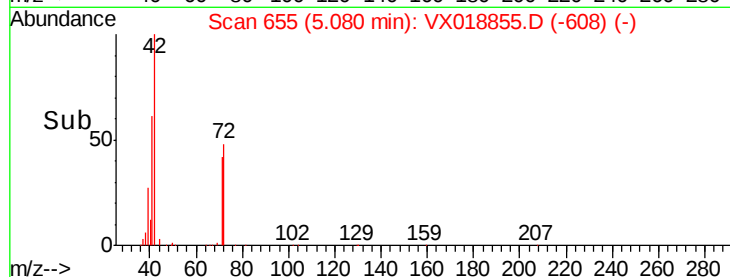
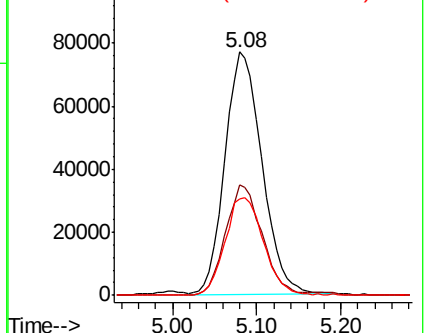
71 41.7 35.2 52.8



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: 48.903 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX018855.D

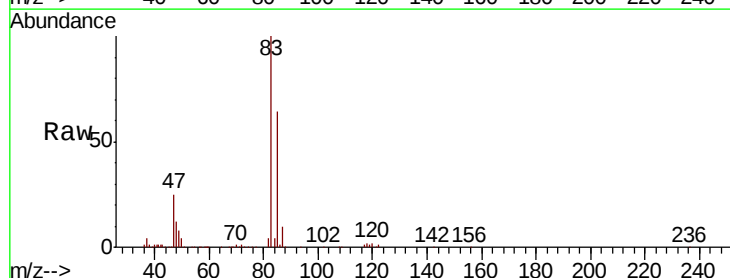
Acq: 09 Oct 2020 14:06

Tgt Ion: 83 Resp: 235827

Ion Ratio Lower Upper

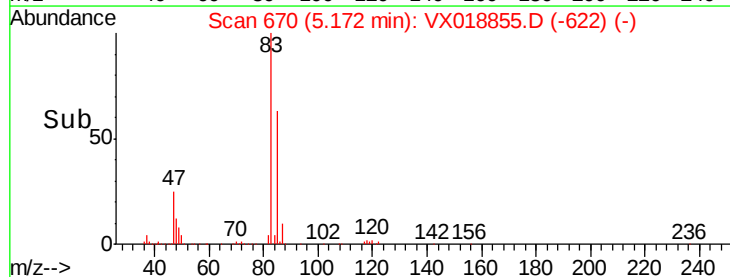
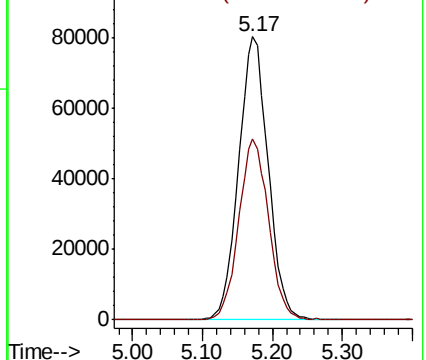
83 100

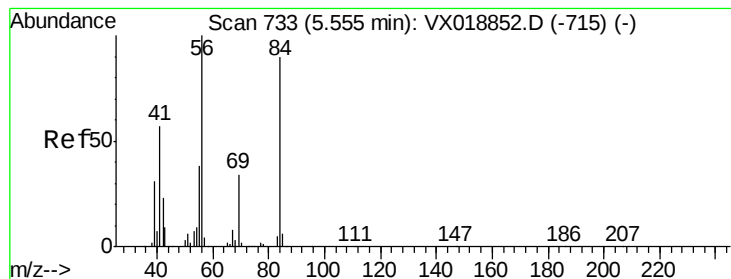
85 63.7 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 55.322 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX018855.D

Acq: 09 Oct 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

ICVVX100920

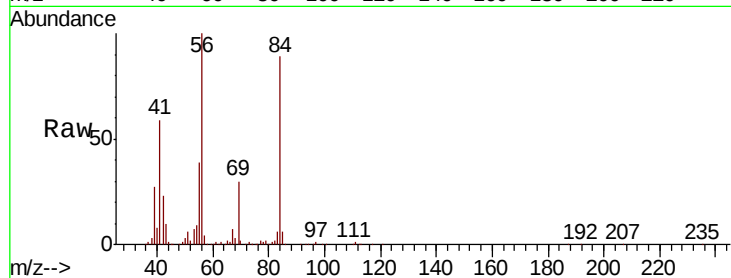
Tot Ion: 56 Resp: 165555

Ion Ratio Lower Upper

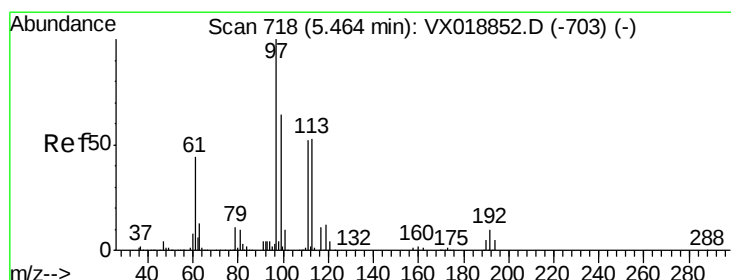
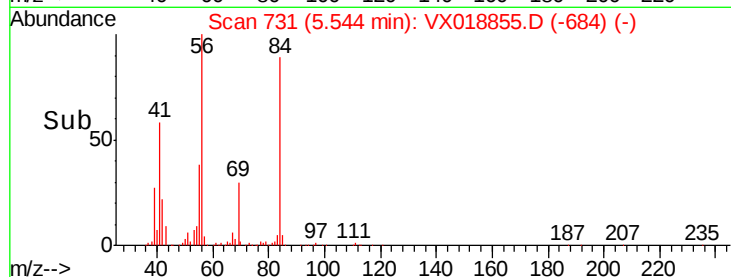
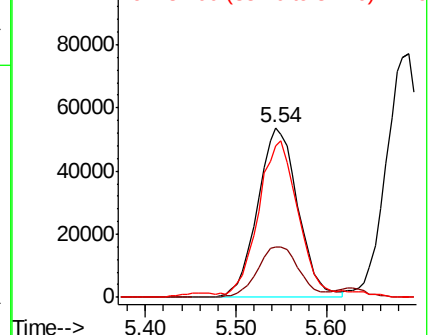
56 100

69 29.9 27.1 40.7

84 86.8 71.7 107.5



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



#32

1,1,1-Trichloroethane

Concen: 49.878 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX018855.D

Acq: 09 Oct 2020 14:06

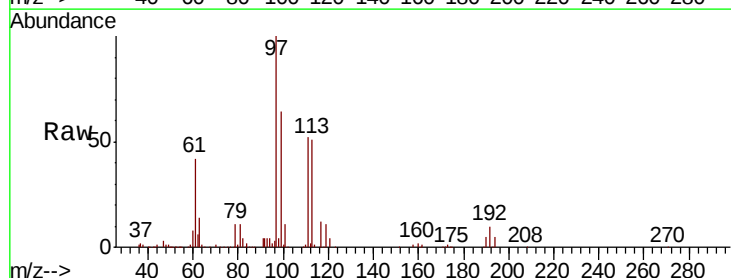
Tgt Ion: 97 Resp: 228579

Ion Ratio Lower Upper

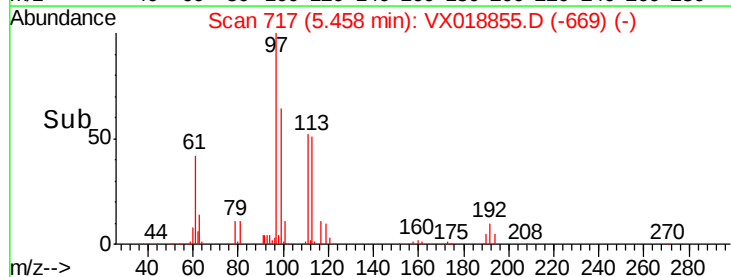
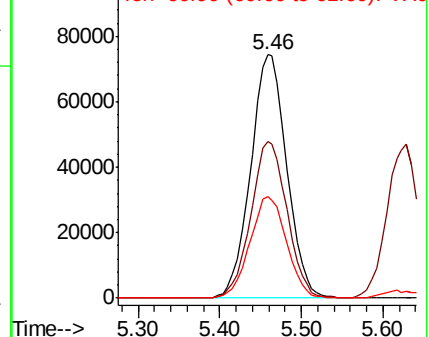
97 100

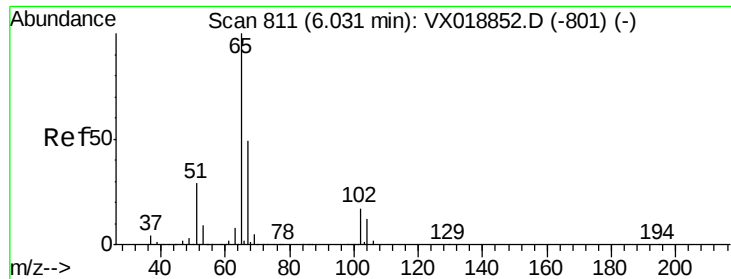
99 64.5 52.1 78.1

61 42.7 35.3 52.9



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

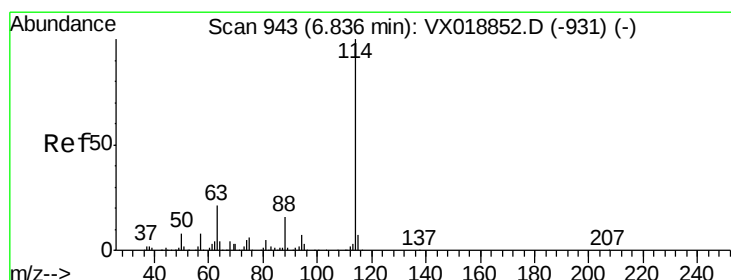
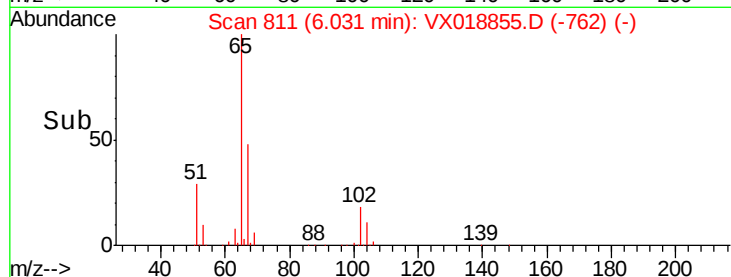
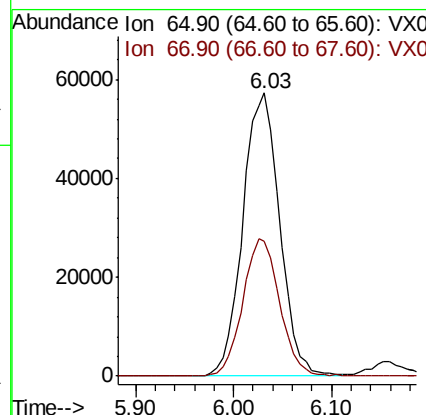
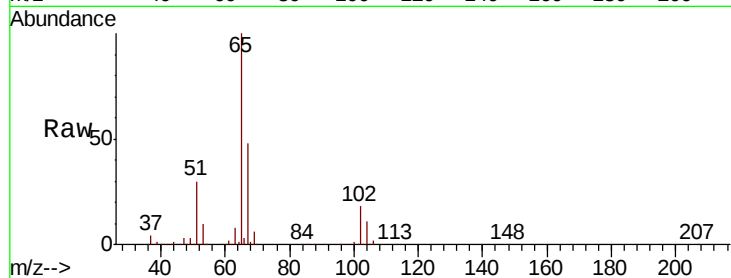




#33
 1,2-Dichloroethane-d4
 Concen: 46.870 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX018855.D
 Acq: 09 Oct 2020 14:06

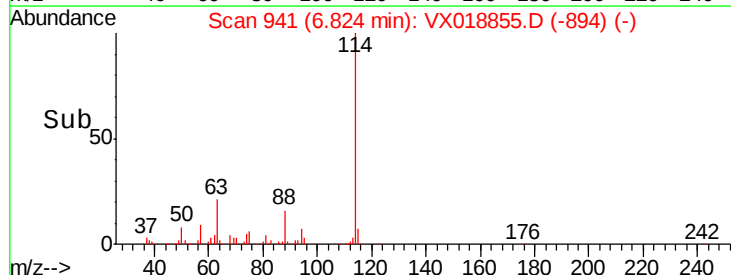
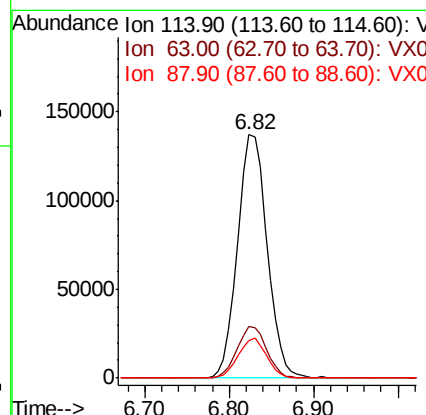
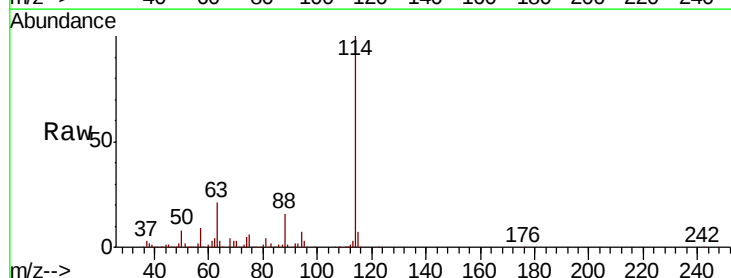
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100920

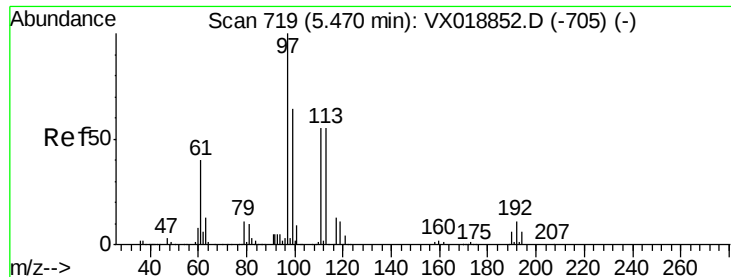
Tot Ion: 65 Resp: 150173
 Ion Ratio Lower Upper
 65 100
 67 48.4 0.0 97.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: VX018855.D
 Acq: 09 Oct 2020 14:06

Tgt Ion: 114 Resp: 326088
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.4
 88 15.5 0.0 32.6

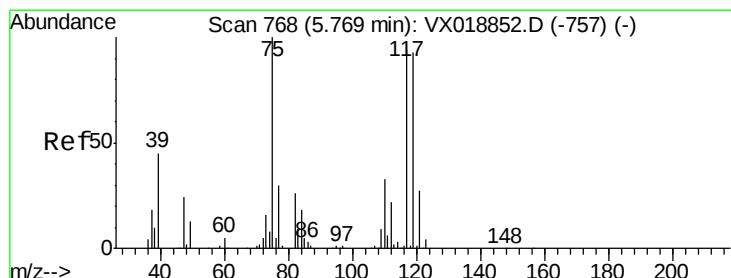
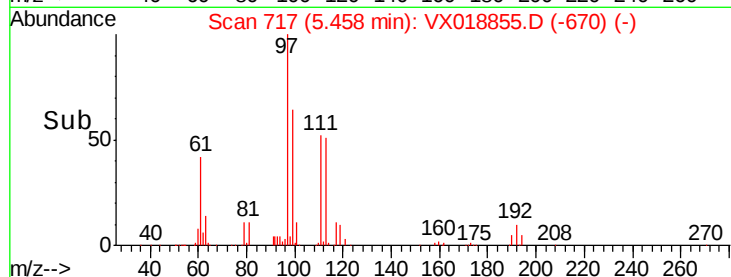
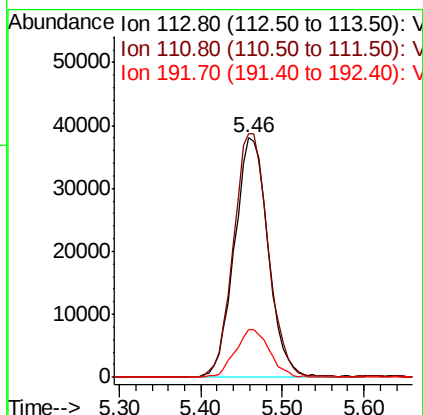
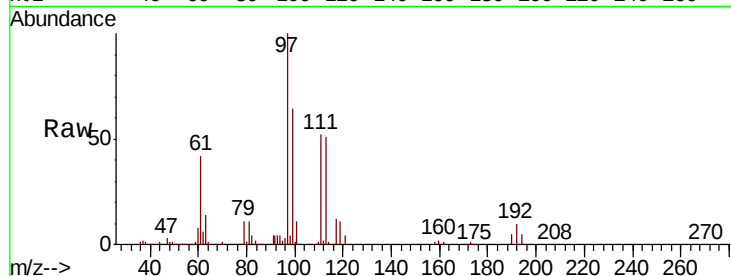




#35
 Dibromofluoromethane
 Concen: 46.914 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX018855.D
 Acq: 09 Oct 2020 14:06

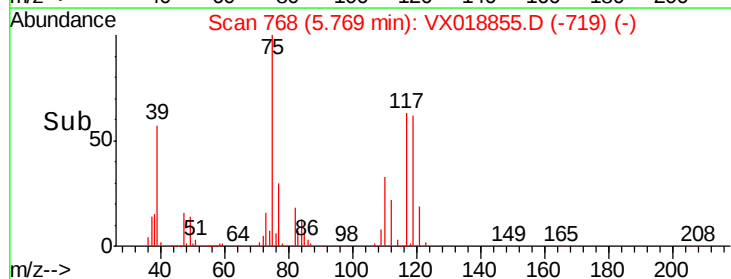
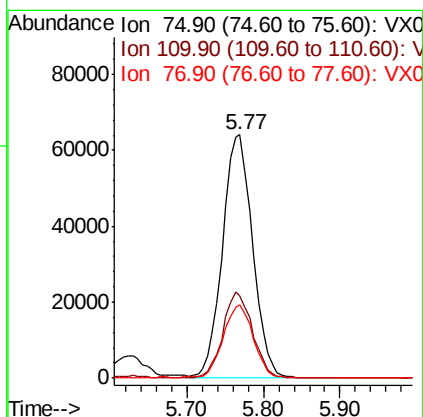
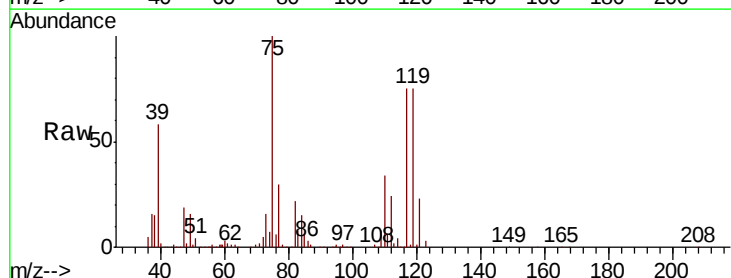
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100920

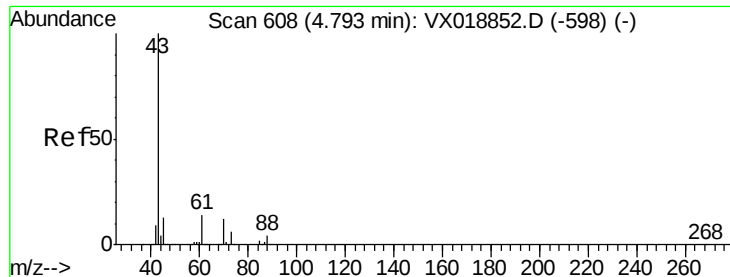
Tot Ion:113 Resp: 109023
 Ion Ratio Lower Upper
 113 100
 111 103.9 80.1 120.1
 192 20.2 16.0 24.0



#36
 1,1-Dichloropropene
 Concen: 50.882 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX018855.D
 Acq: 09 Oct 2020 14:06

Tgt Ion: 75 Resp: 174449
 Ion Ratio Lower Upper
 75 100
 110 34.8 17.8 53.5
 77 30.4 24.2 36.4





#37

Ethyl Acetate

Concen: 49.880 ug/l

RT: 4.79 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX018855.D

Acq: 09 Oct 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

ICVVX100920

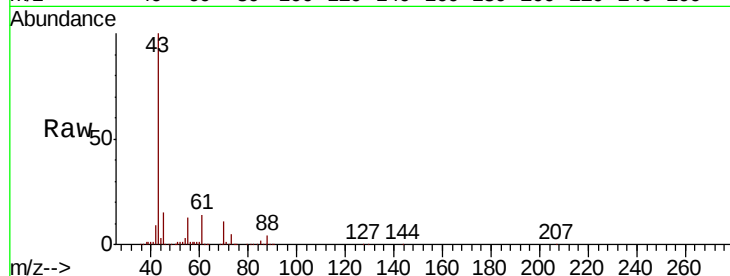
Tot Ion: 43 Resp: 165144

Ion Ratio Lower Upper

43 100

61 14.0 10.9 16.3

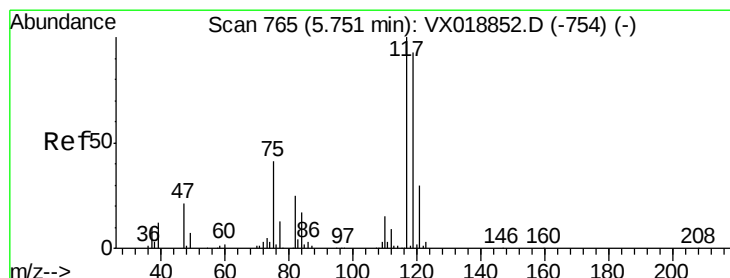
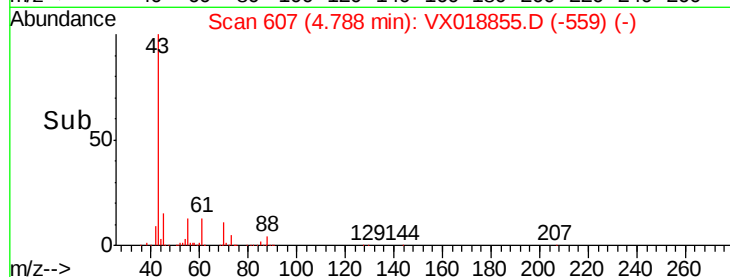
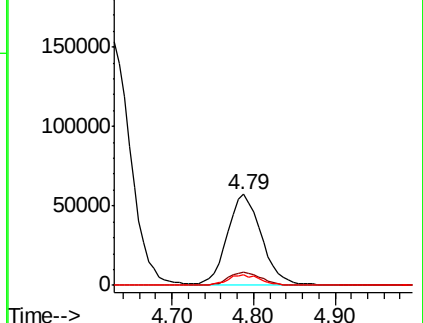
70 11.0 8.6 13.0



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: 50.031 ug/l

RT: 5.75 min Scan# 765

Delta R.T. 0.00 min

Lab File: VX018855.D

Acq: 09 Oct 2020 14:06

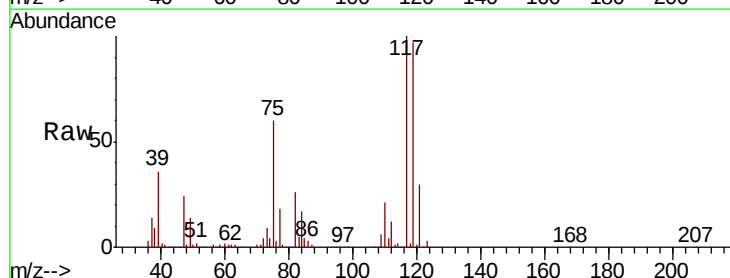
Tgt Ion: 117 Resp: 212607

Ion Ratio Lower Upper

117 100

119 97.0 73.9 110.9

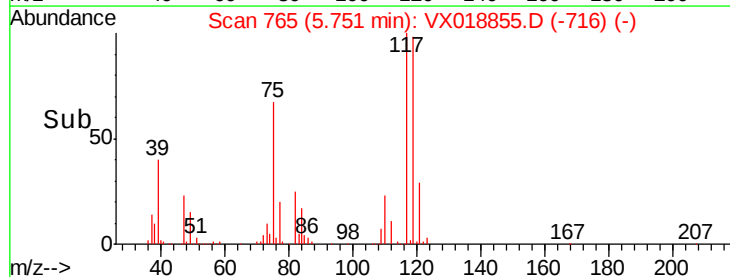
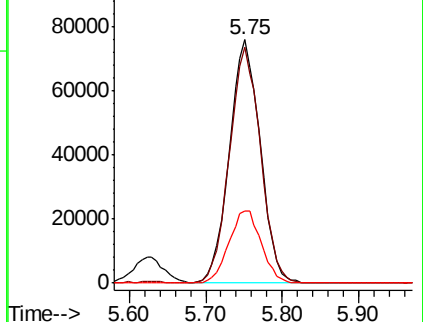
121 29.9 23.6 35.4

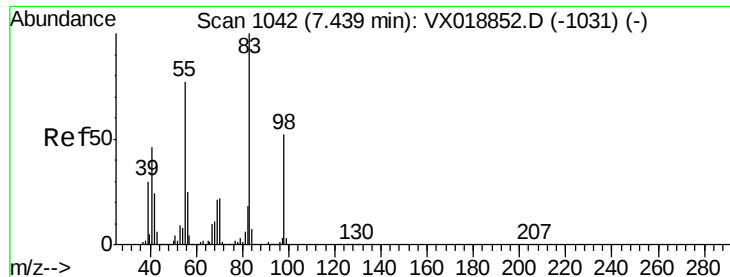


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

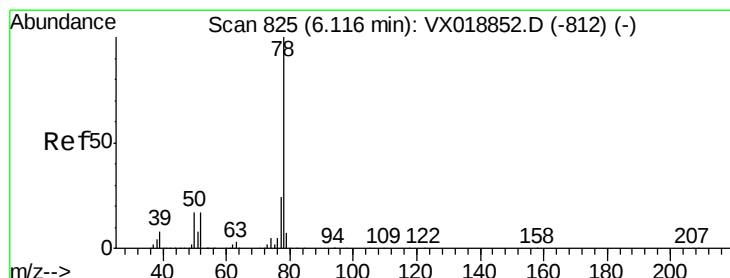
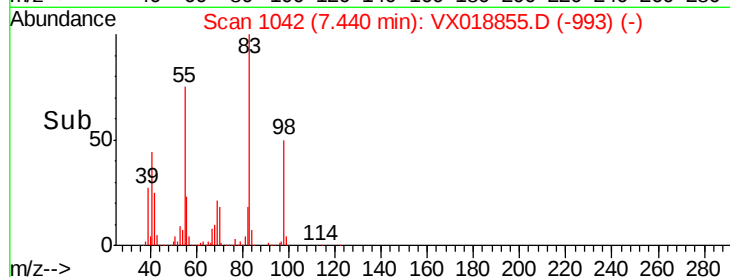
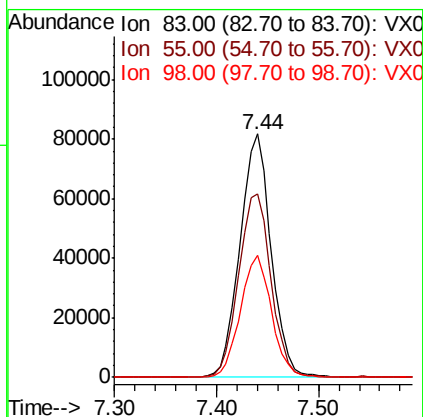
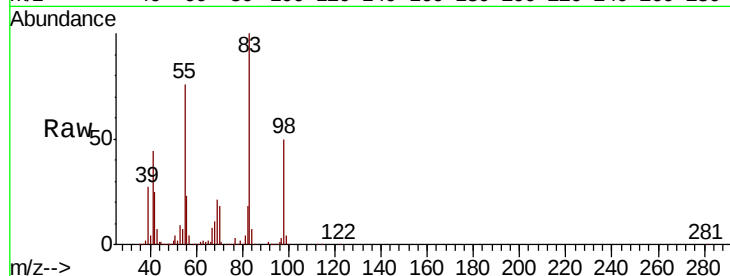




#39
Methvlcvclohexane
Concen: 54.940 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018855.D
Acq: 09 Oct 2020 14:06

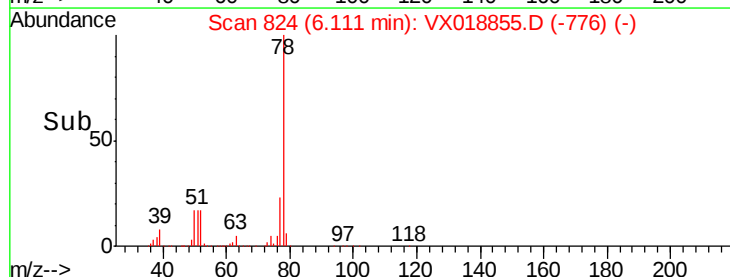
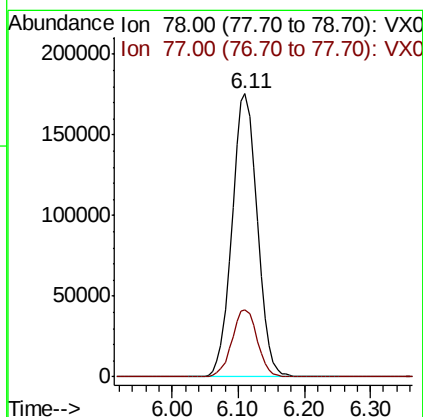
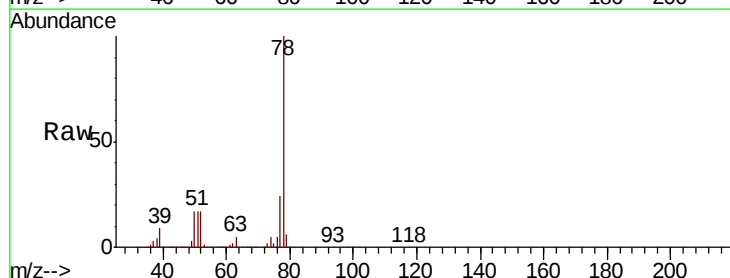
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100920

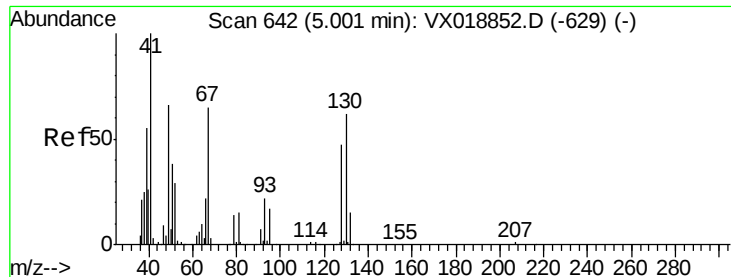
Tot Ion: 83 Resp: 173635
Ion Ratio Lower Upper
83 100
55 75.5 61.8 92.6
98 49.9 41.4 62.0



#40
Benzene
Concen: 50.506 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX018855.D
Acq: 09 Oct 2020 14:06

Tgt Ion: 78 Resp: 465219
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7

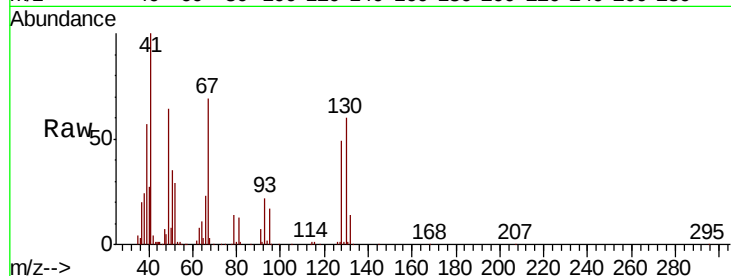




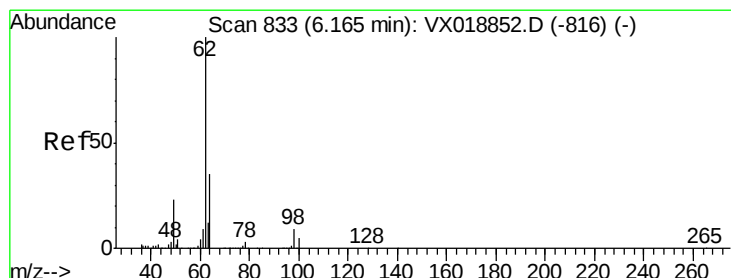
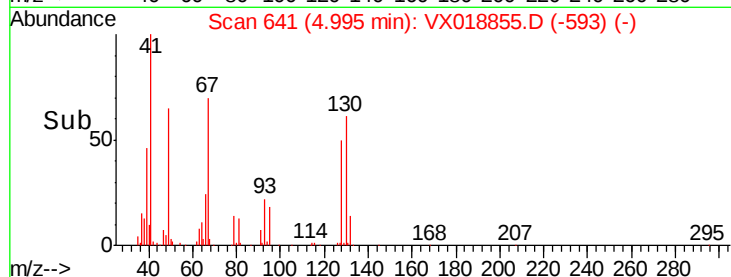
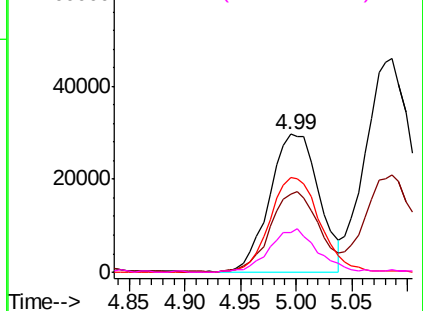
#41
Methacrylonitrile
Concen: 47.528 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX018855.D
Acq: 09 Oct 2020 14:06

Instrument :
MSVOA_X
ClientSampleId :
ICVVX100920

Tot Ion:	41	Resp:	91286
Ion	Ratio	Lower	Upper
41	100		
39	57.6	45.4	68.2
67	70.3	55.4	83.2
52	31.1	23.8	35.8

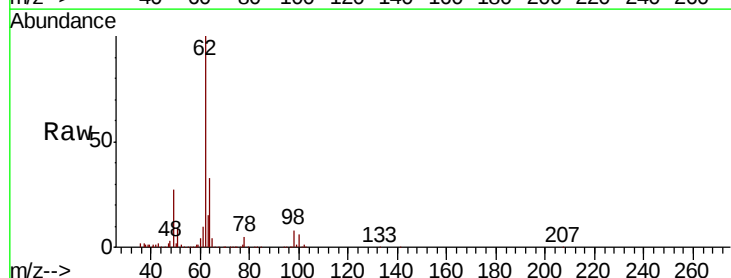


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

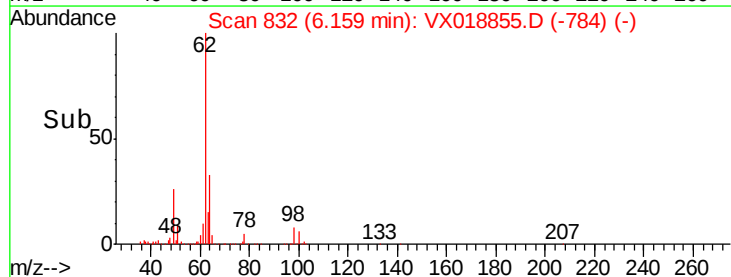
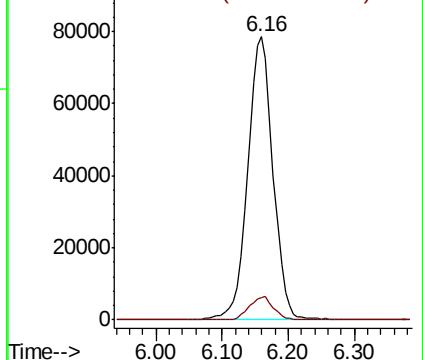


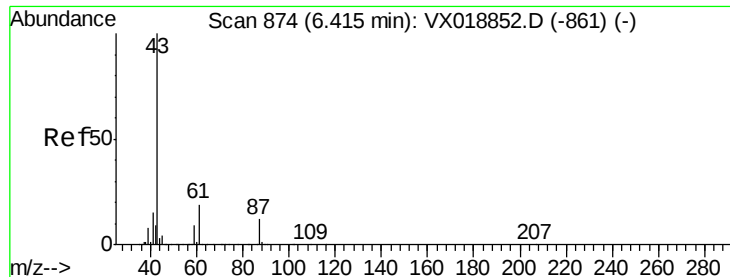
#42
1,2-Dichloroethane
Concen: 48.373 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018855.D
Acq: 09 Oct 2020 14:06

Tgt Ion:	62	Resp:	208890
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.4



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



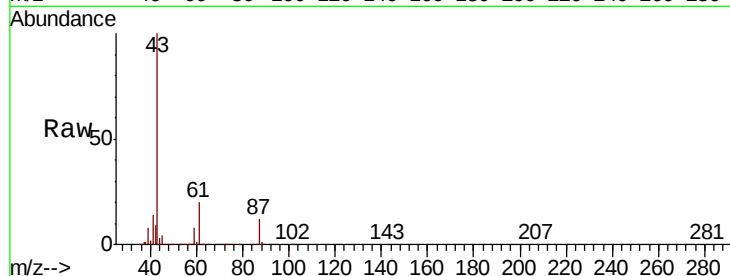


#43

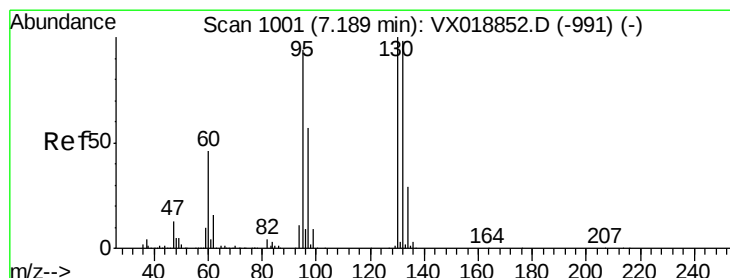
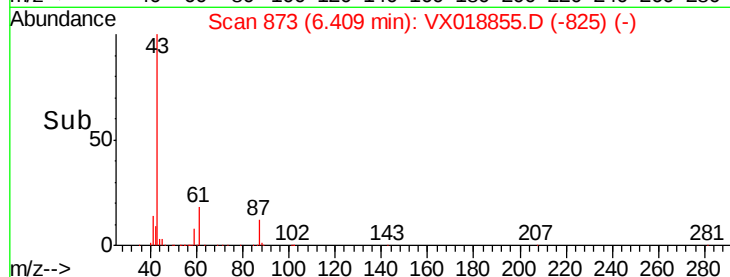
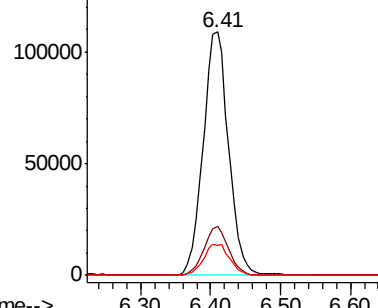
Isopropyl Acetate
 Concen: 49.748 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018855.D
 Acq: 09 Oct 2020 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100920

Tot Ion: 43 Resp: 273729
 Ion Ratio Lower Upper
 43 100
 61 19.6 15.5 23.3
 87 13.1 10.8 16.2



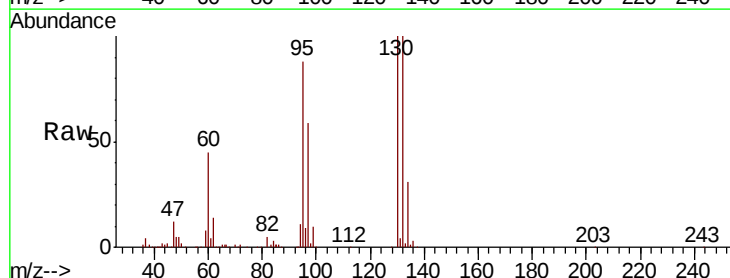
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



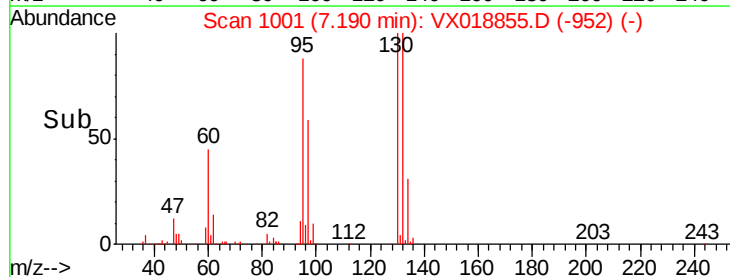
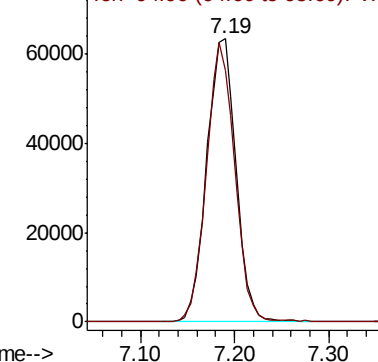
#44

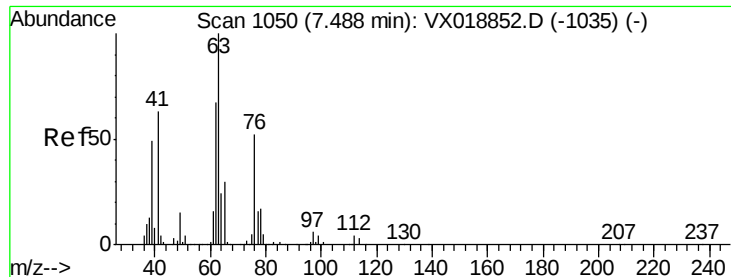
Trichloroethene
 Concen: 49.591 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018855.D
 Acq: 09 Oct 2020 14:06

Tgt Ion: 130 Resp: 136987
 Ion Ratio Lower Upper
 130 100
 95 88.7 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: 49.705 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX018855.D

Acq: 09 Oct 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

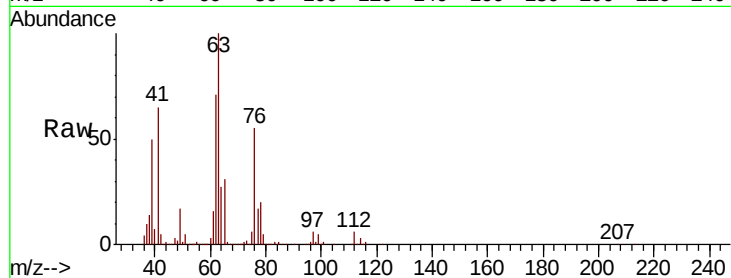
ICVVX100920

Tot Ion: 63 Resp: 121142

Ion Ratio Lower Upper

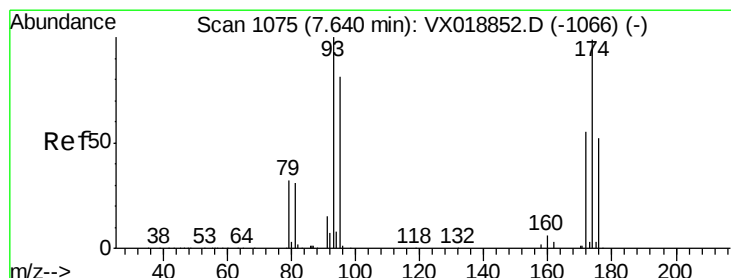
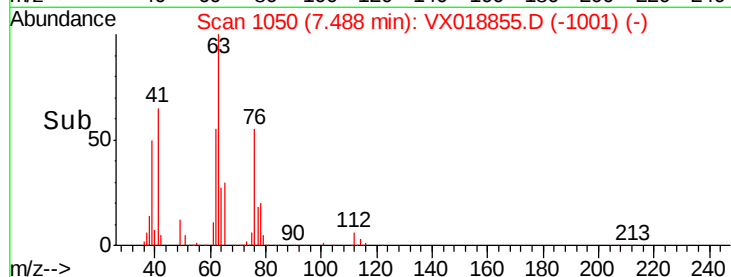
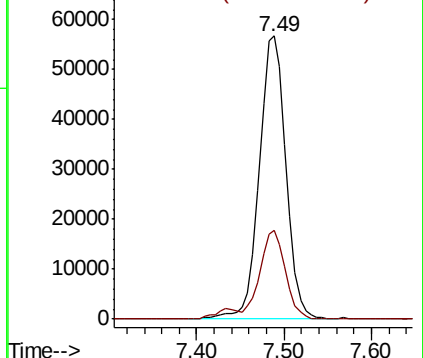
63 100

65 31.1 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.515 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018855.D

Acq: 09 Oct 2020 14:06

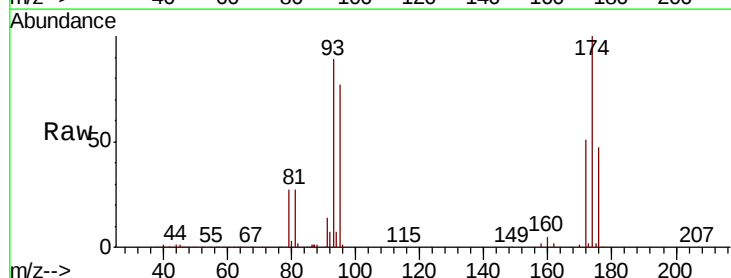
Tgt Ion: 93 Resp: 89183

Ion Ratio Lower Upper

93 100

95 83.6 66.1 99.1

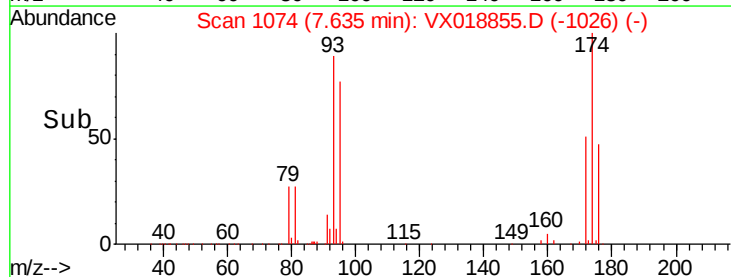
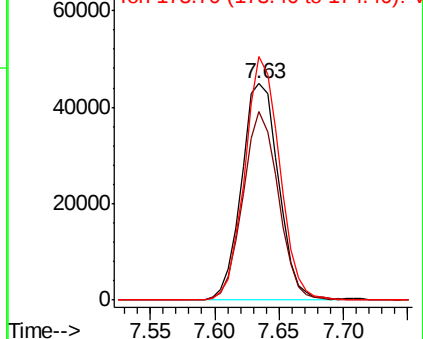
174 106.0 84.6 127.0

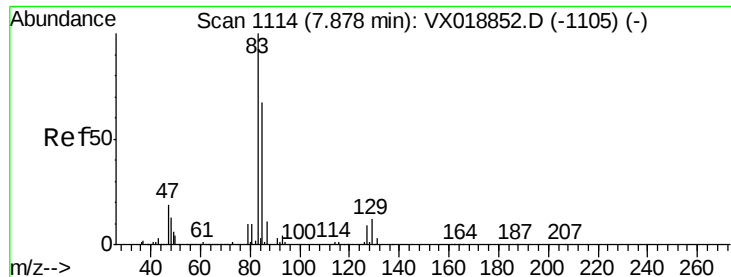


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.923 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018855.D

Acq: 09 Oct 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

ICVVX100920

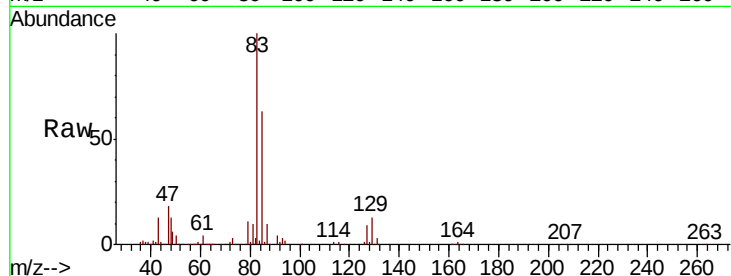
Tot Ion: 83 Resp: 194854

Ion Ratio Lower Upper

83 100

85 62.6 53.8 80.6

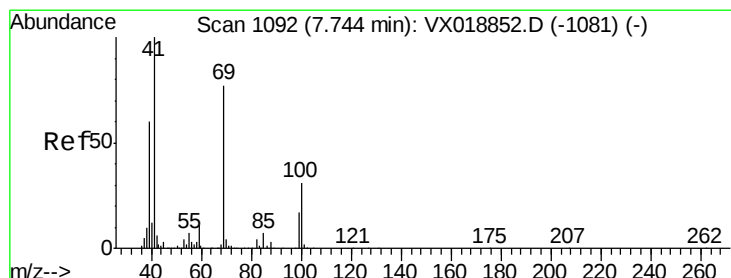
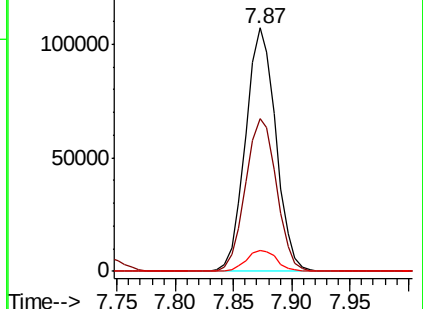
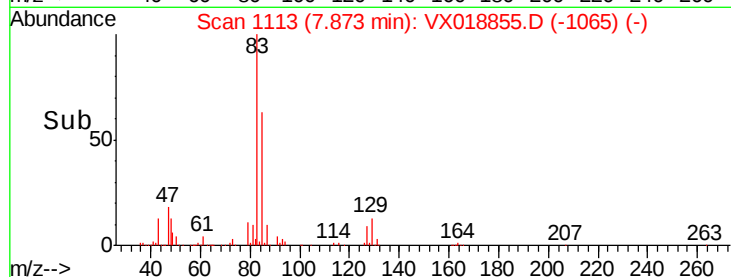
127 8.7 7.5 11.3



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: 49.647 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX018855.D

Acq: 09 Oct 2020 14:06

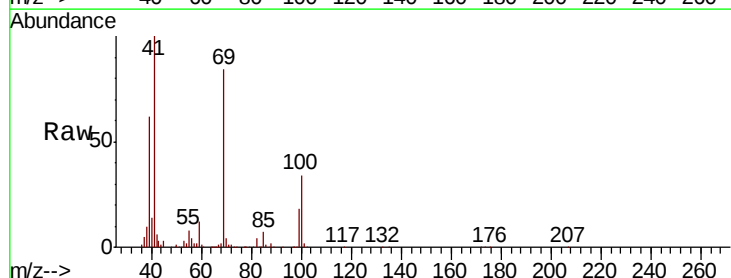
Tgt Ion: 41 Resp: 138611

Ion Ratio Lower Upper

41 100

69 81.5 64.6 97.0

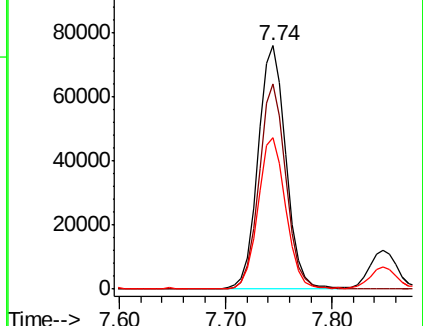
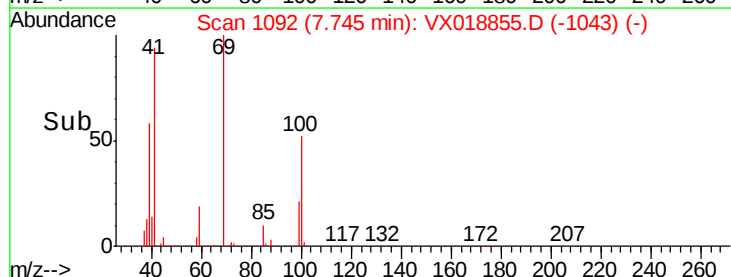
39 61.9 48.6 73.0

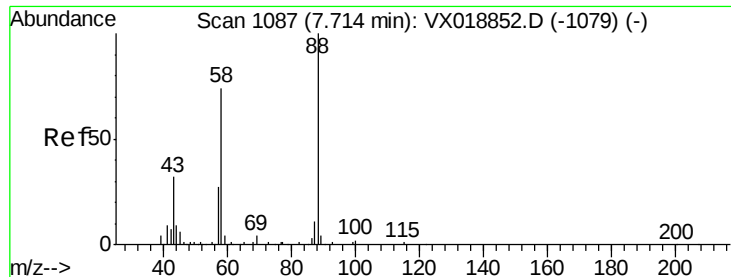


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

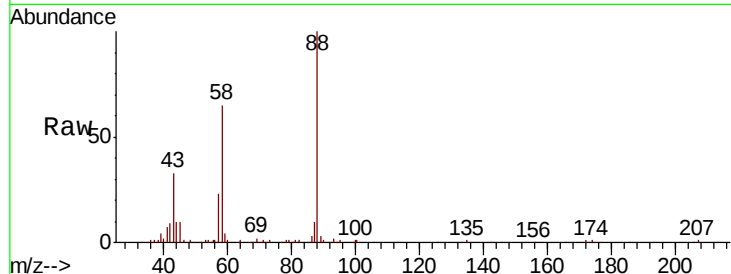




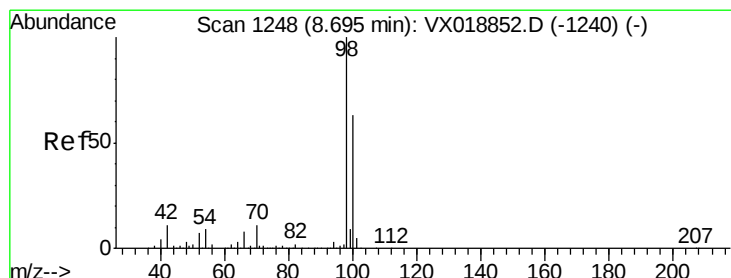
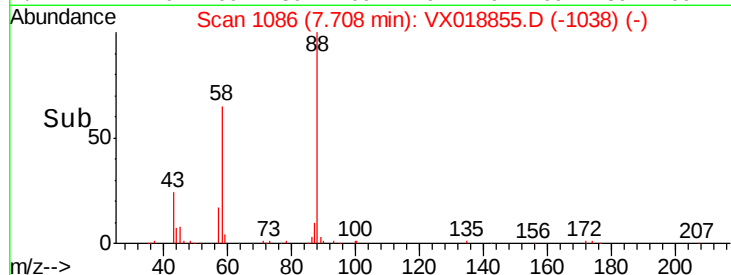
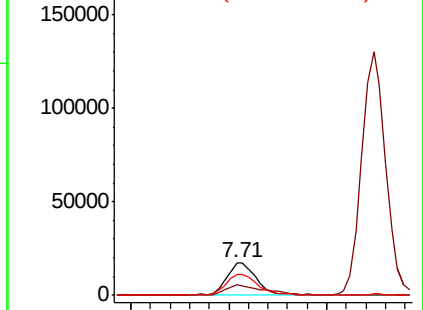
#49
1,4-Dioxane
Concen: 930.291 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX018855.D
Acq: 09 Oct 2020 14:06

Instrument :
MSVOA_X
ClientSampleId :
ICVVX100920

Tot Ion	88	Resp	36419
Ion	Ratio	Lower	Upper
88	100		
43	39.1	31.0	46.6
58	69.7	59.3	88.9

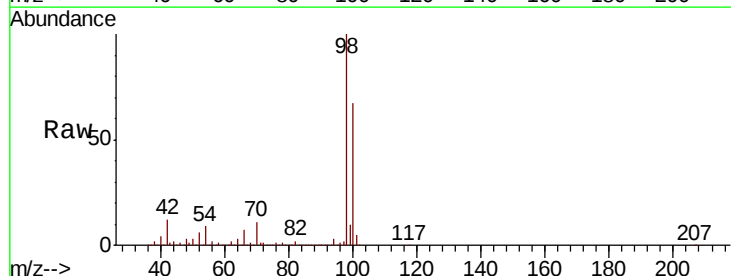


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

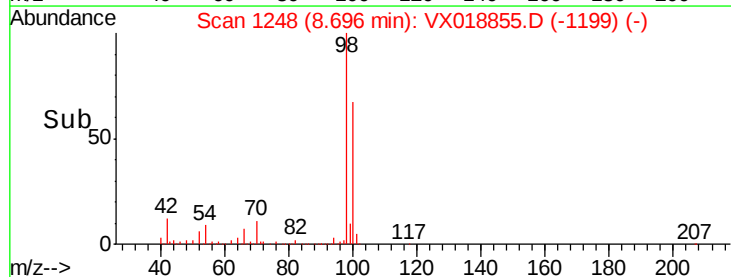
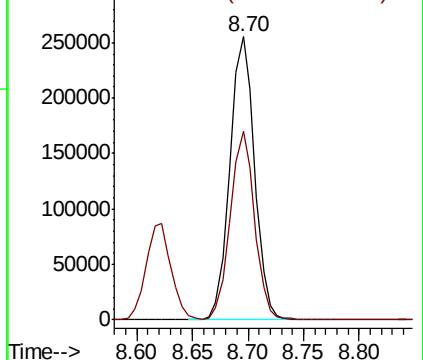


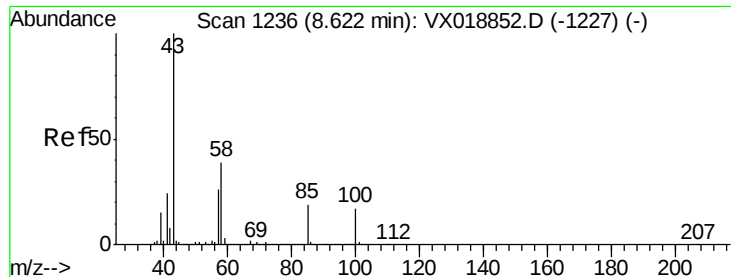
#50
Toluene-d8
Concen: 48.583 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018855.D
Acq: 09 Oct 2020 14:06

Tgt Ion	98	Resp	391630
Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.1	79.7



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





#51

4-Methyl-2-Pentanone

Concen: 254.536 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX018855.D

Acq: 09 Oct 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

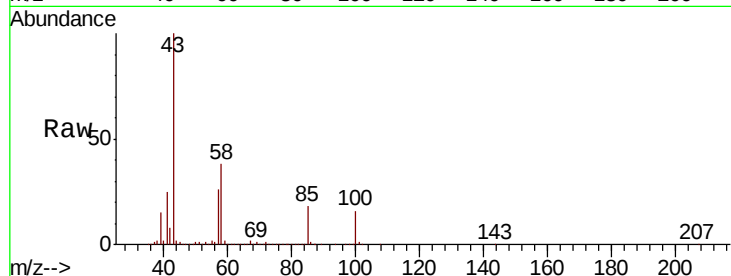
ICVVX100920

Tot Ion: 43 Resp: 817437

Ion Ratio Lower Upper

43 100

58 39.0 30.9 46.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

600000

500000

400000

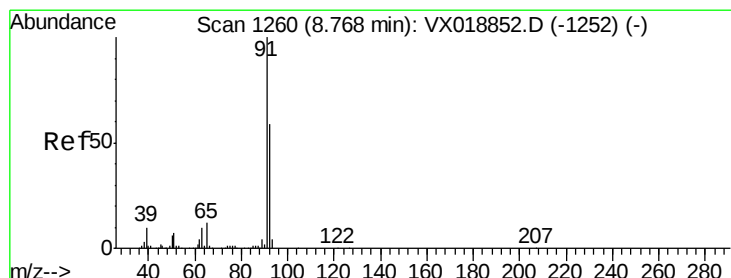
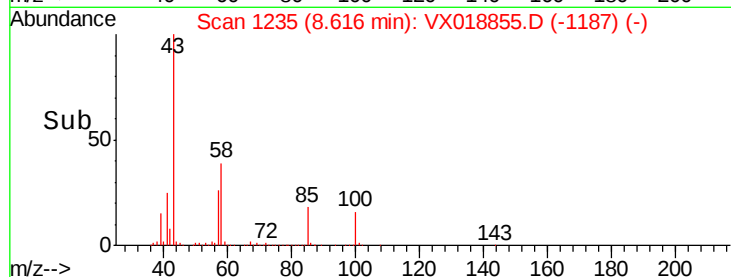
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 52.532 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018855.D

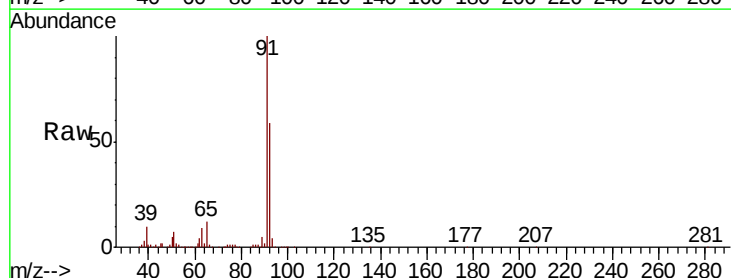
Acq: 09 Oct 2020 14:06

Tgt Ion: 92 Resp: 310524

Ion Ratio Lower Upper

92 100

91 168.2 138.2 207.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

400000

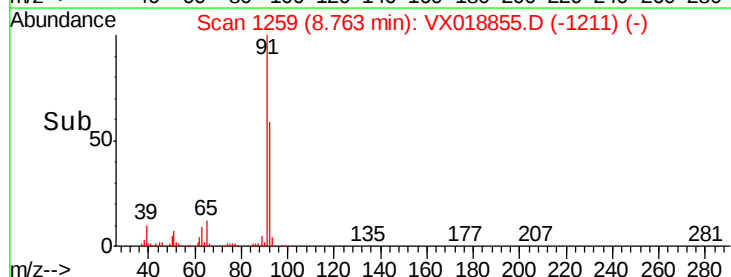
300000

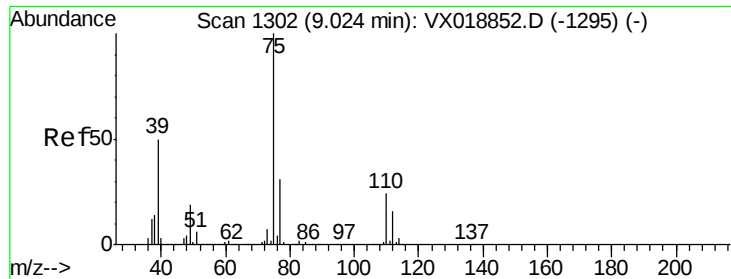
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 52.606 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX018855.D

Acq: 09 Oct 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

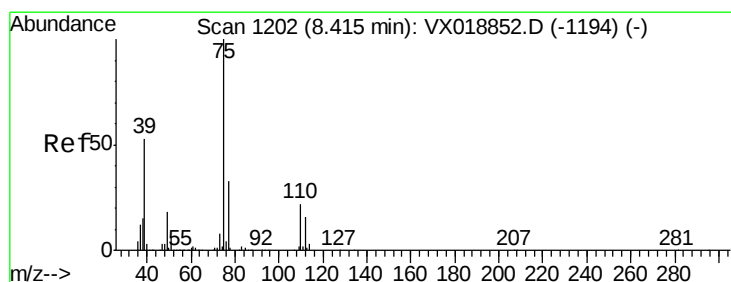
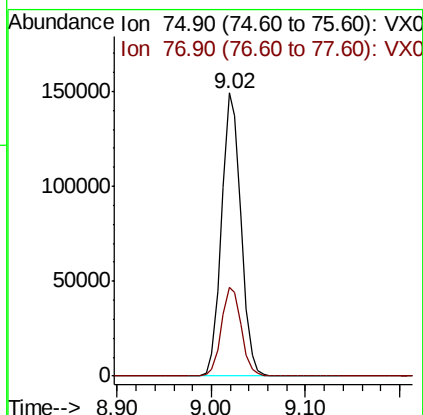
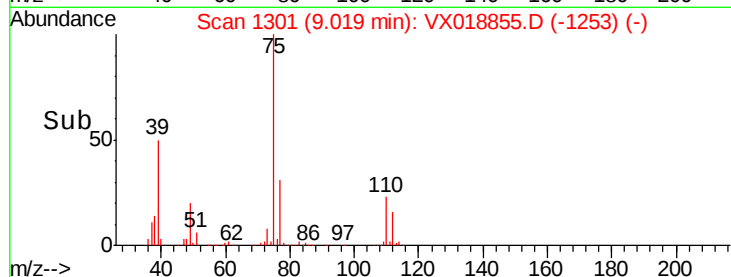
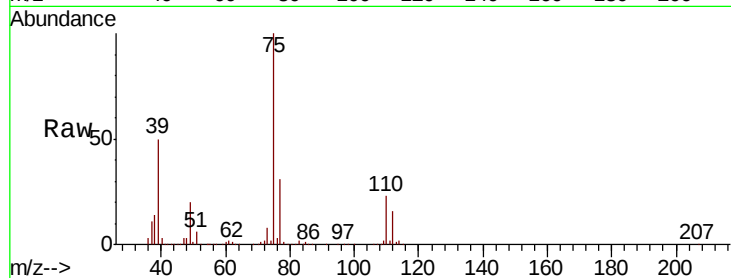
ICVVX100920

Tot Ion: 75 Resp: 212600

Ion Ratio Lower Upper

75 100

77 31.3 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 52.082 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018855.D

Acq: 09 Oct 2020 14:06

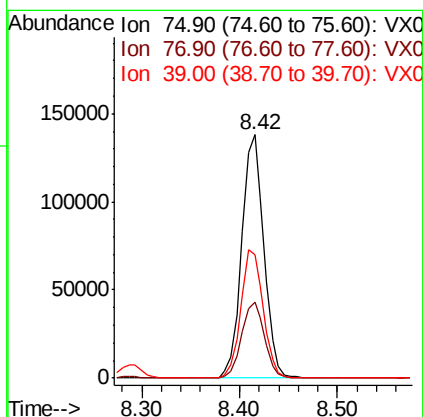
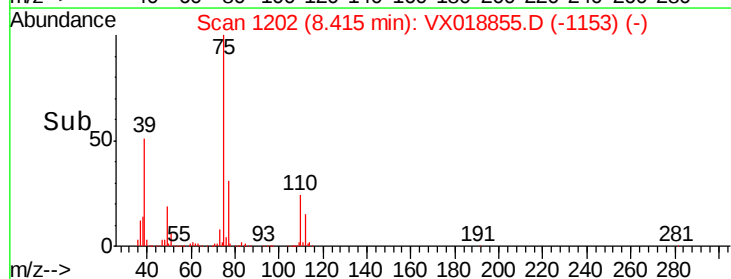
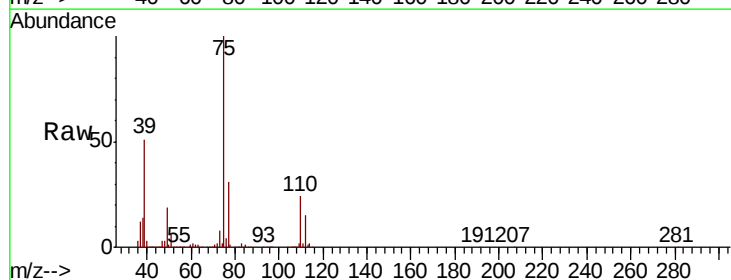
Tgt Ion: 75 Resp: 216525

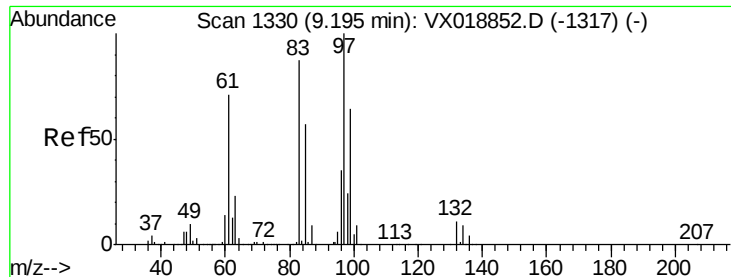
Ion Ratio Lower Upper

75 100

77 31.4 26.6 39.8

39 50.6 42.6 64.0

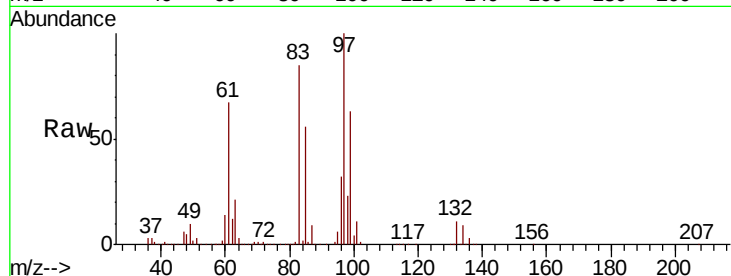




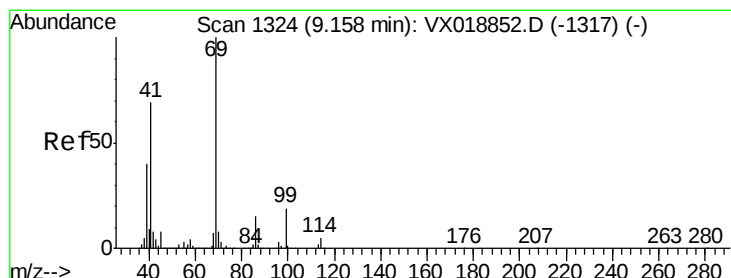
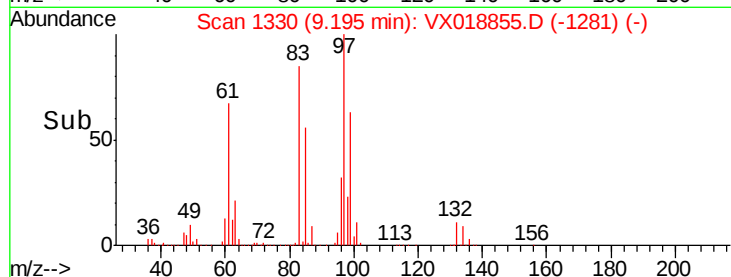
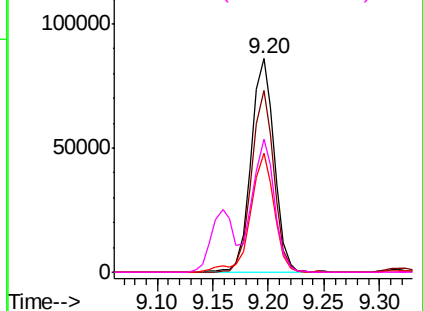
#55
 1,1,2-Trichloroethane
 Concen: 49.438 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018855.D
 Acq: 09 Oct 2020 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100920

Tot Ion:	97	Resp:	125526
Ion	Ratio	Lower	Upper
97	100		
83	85.3	69.3	103.9
85	55.9	45.3	67.9
99	62.6	51.0	76.6

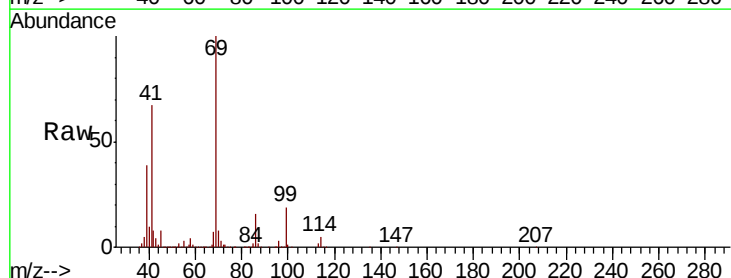


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

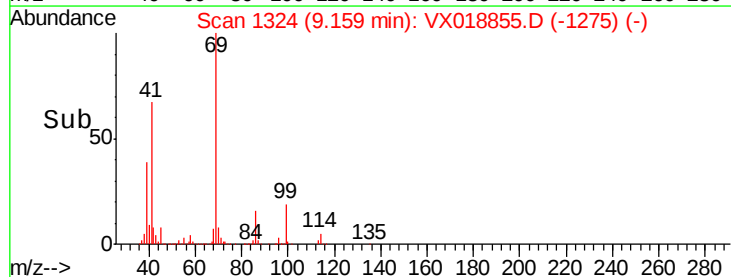
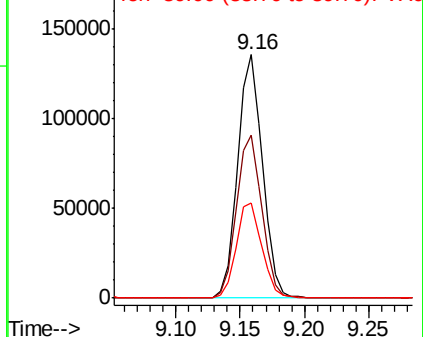


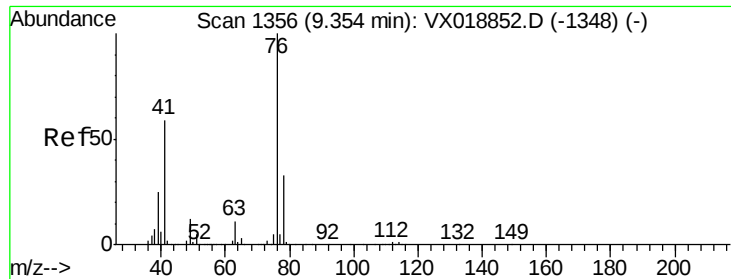
#56
 Ethyl methacrylate
 Concen: 49.017 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018855.D
 Acq: 09 Oct 2020 14:06

Tgt Ion:	69	Resp:	181455
Ion	Ratio	Lower	Upper
69	100		
41	68.2	54.6	81.8
39	40.2	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: 51.237 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018855.D

Acq: 09 Oct 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

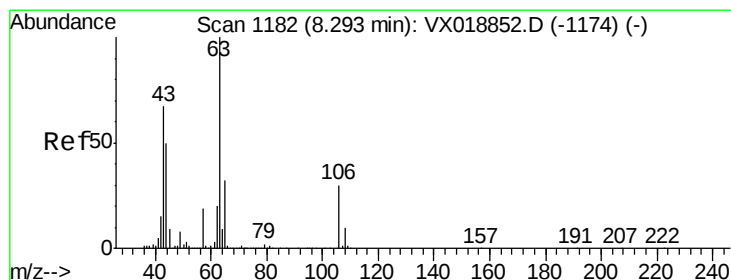
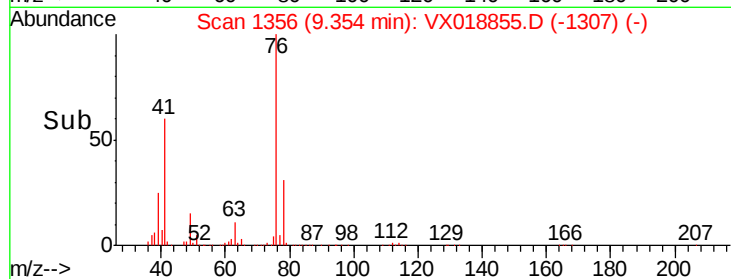
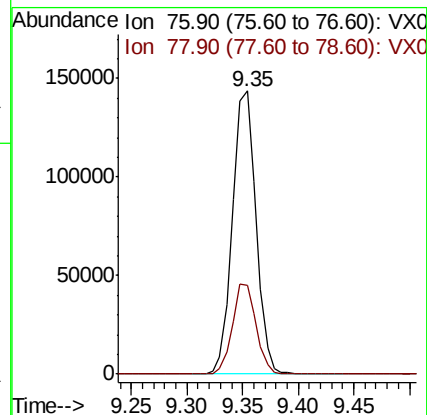
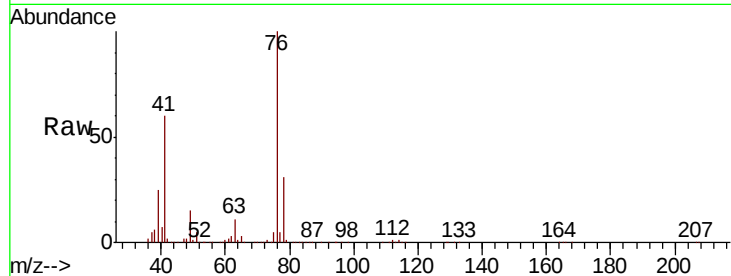
ICVVX100920

Tot Ion: 76 Resp: 211090

Ion Ratio Lower Upper

76 100

78 31.8 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 284.900 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018855.D

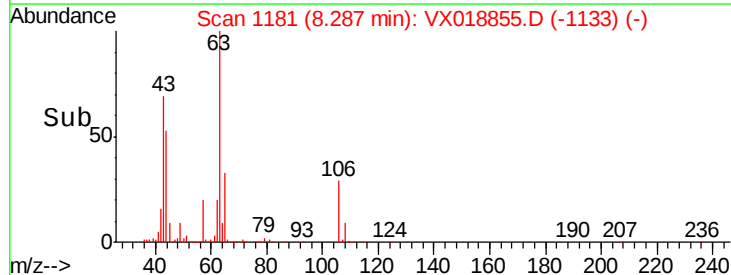
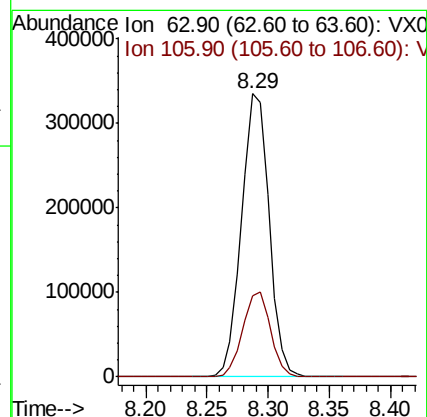
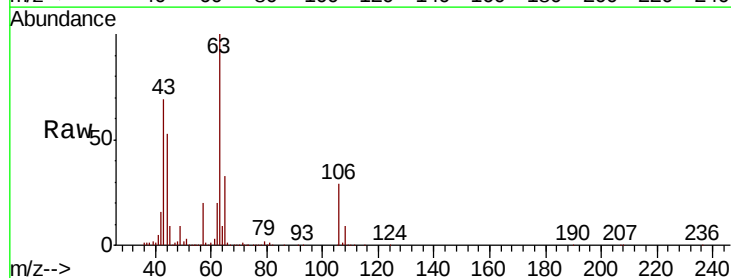
Acq: 09 Oct 2020 14:06

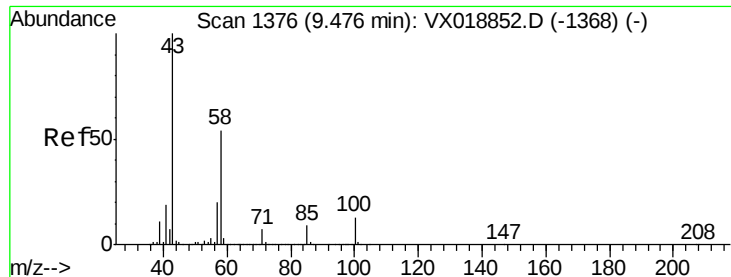
Tgt Ion: 63 Resp: 523369

Ion Ratio Lower Upper

63 100

106 30.3 24.2 36.4

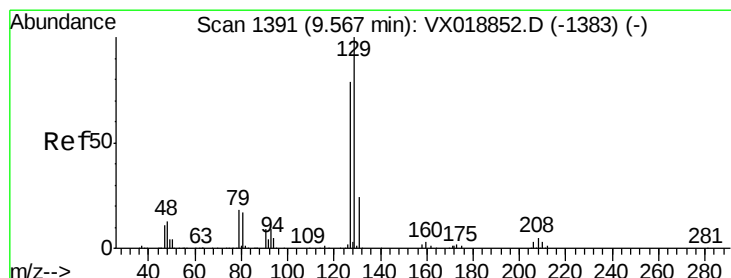
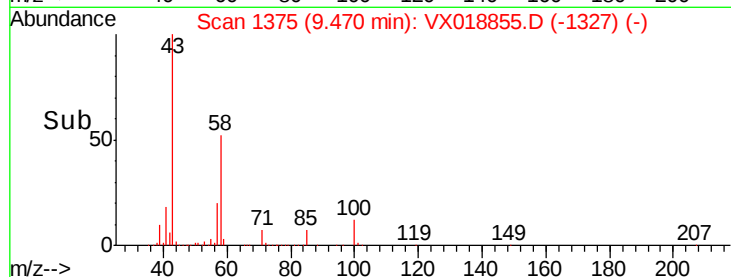
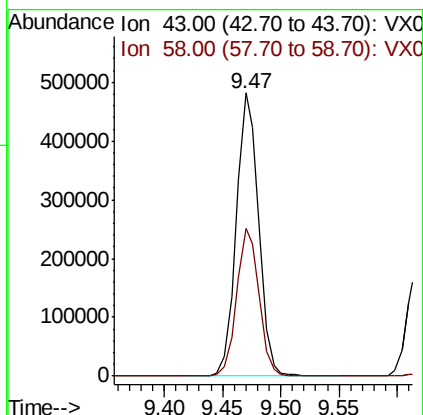
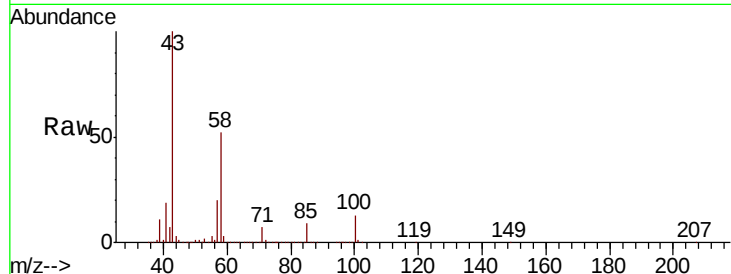




#59
2-Hexanone
Concen: 262.617 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018855.D
Acq: 09 Oct 2020 14:06

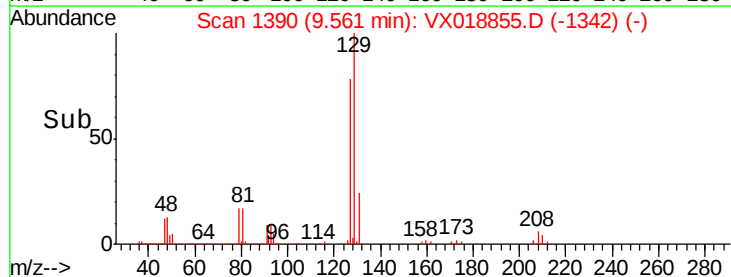
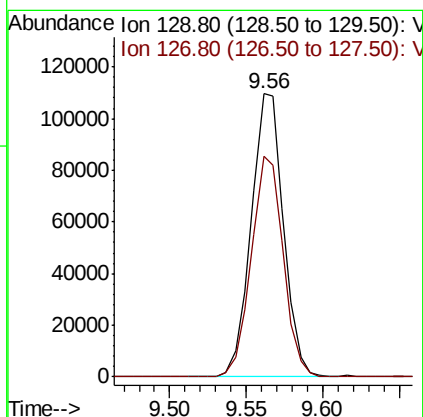
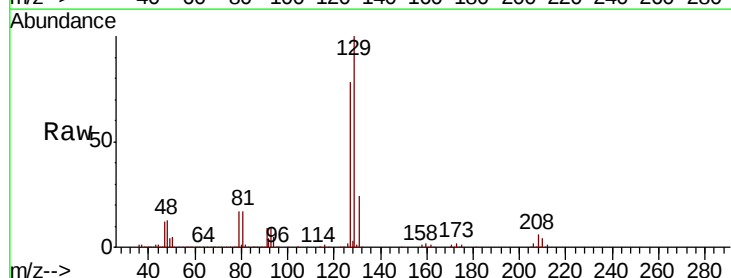
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100920

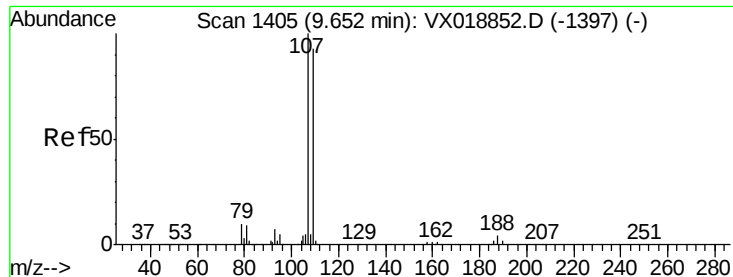
Tot Ion: 43 Resp: 642565
Ion Ratio Lower Upper
43 100
58 52.4 26.7 80.1



#60
Dibromochloromethane
Concen: 50.455 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018855.D
Acq: 09 Oct 2020 14:06

Tgt Ion: 129 Resp: 160814
Ion Ratio Lower Upper
129 100
127 77.5 39.5 118.5





#61

1,2-Dibromoethane

Concen: 49.474 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018855.D

Acq: 09 Oct 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

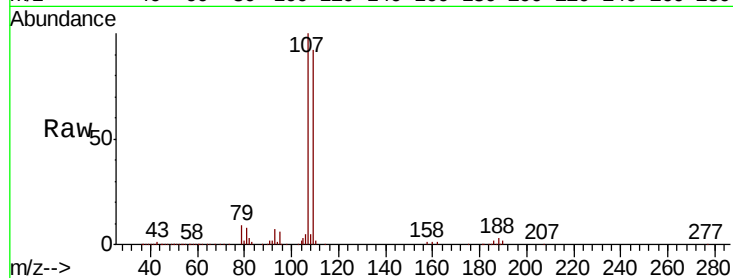
ICVVX100920

Tot Ion:107 Resp: 134709

Ion Ratio Lower Upper

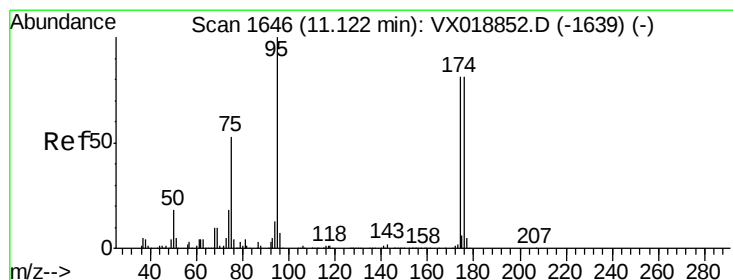
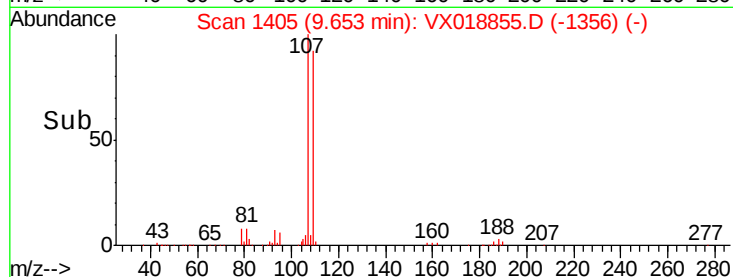
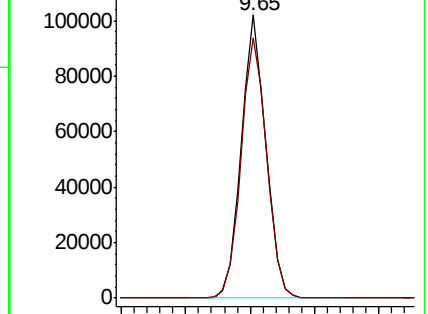
107 100

109 95.7 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.342 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018855.D

Acq: 09 Oct 2020 14:06

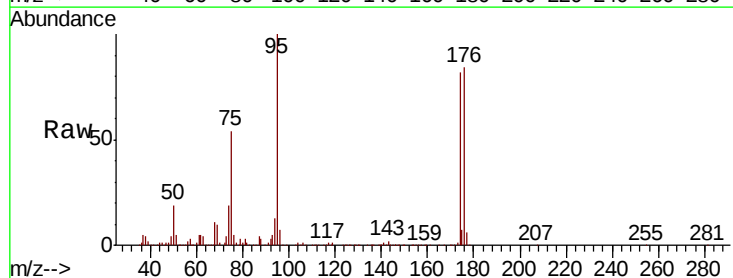
Tgt Ion: 95 Resp: 158524

Ion Ratio Lower Upper

95 100

174 81.1 0.0 160.0

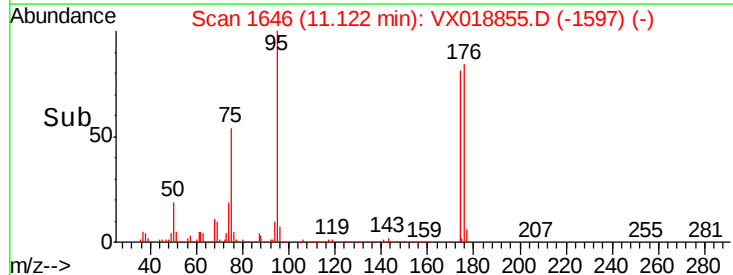
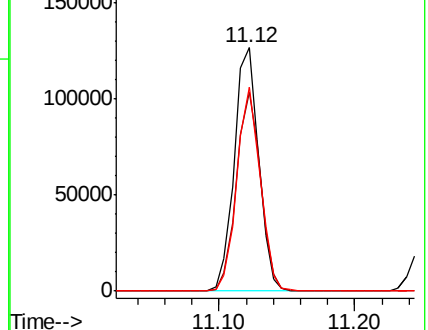
176 80.5 0.0 161.2

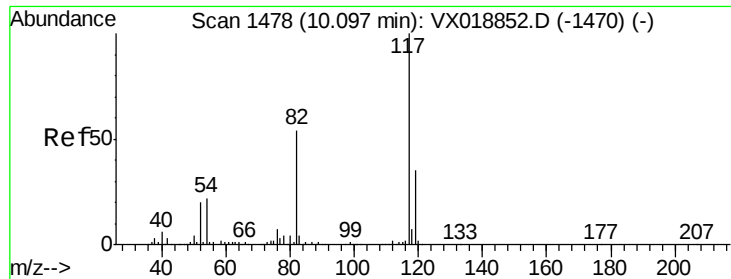


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

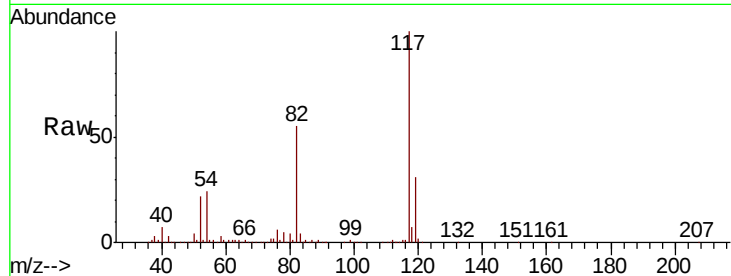




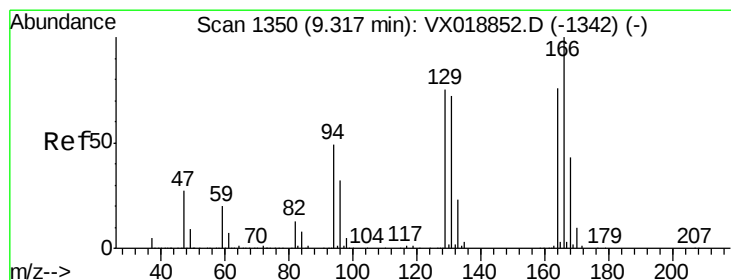
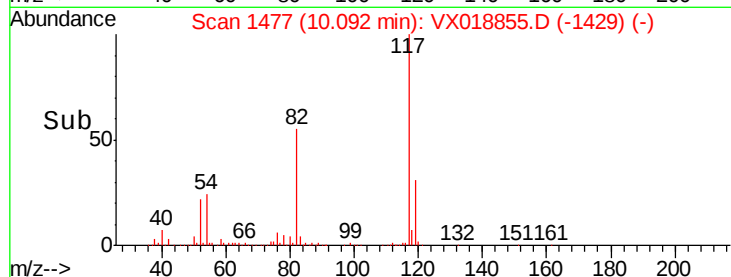
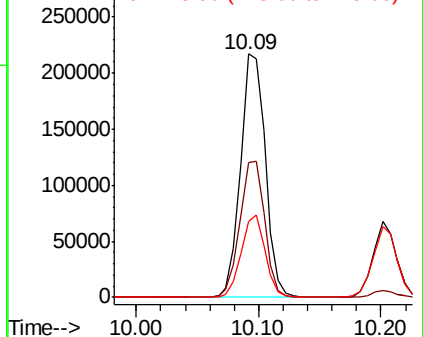
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX018855.D
Acq: 09 Oct 2020 14:06

Instrument :
MSVOA_X
ClientSampleId :
ICVVX100920

Tot Ion:117 Resp: 304004
Ion Ratio Lower Upper
117 100
82 55.3 43.4 65.2
119 31.3 28.3 42.5

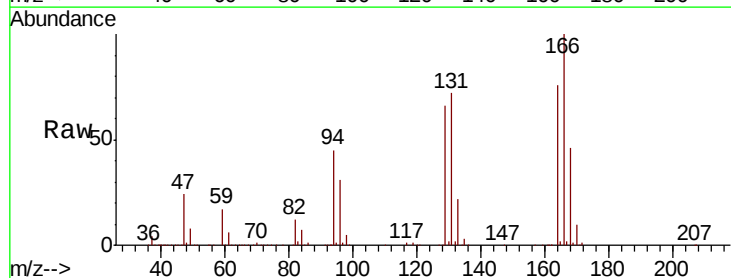


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

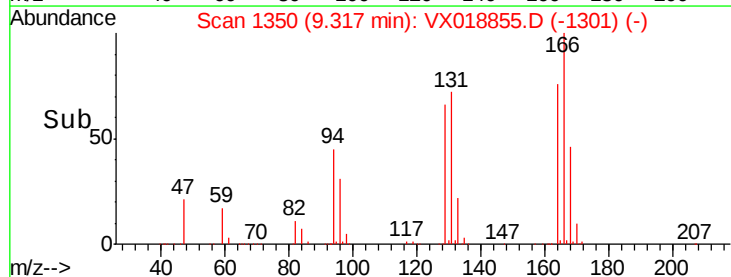
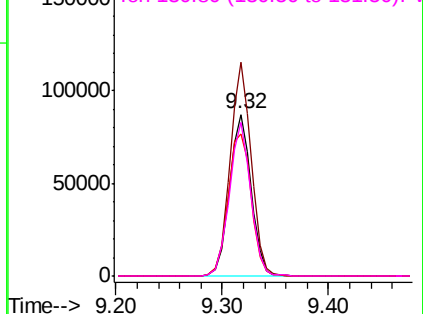


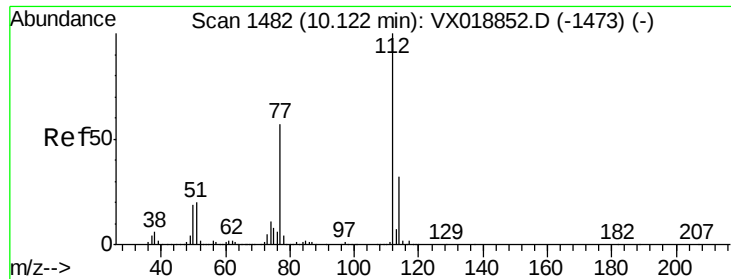
#64
Tetrachloroethene
Concen: 56.102 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018855.D
Acq: 09 Oct 2020 14:06

Tgt Ion:164 Resp: 124211
Ion Ratio Lower Upper
164 100
166 132.0 105.4 158.0
129 87.7 79.0 118.6
131 94.6 75.7 113.5



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

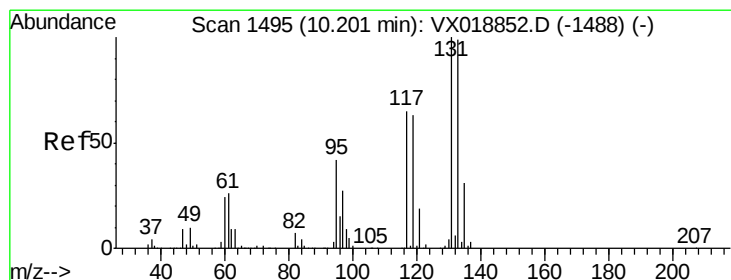
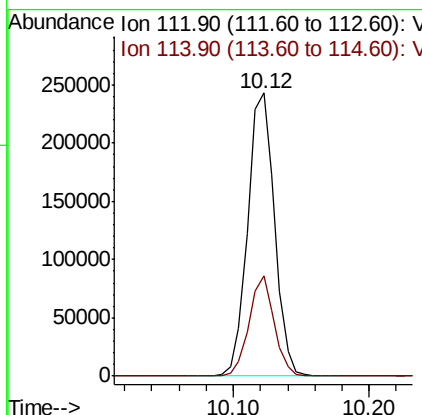
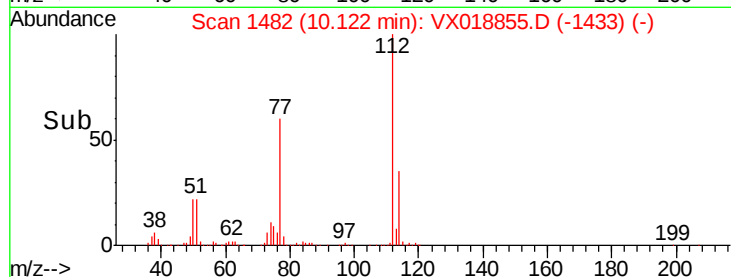
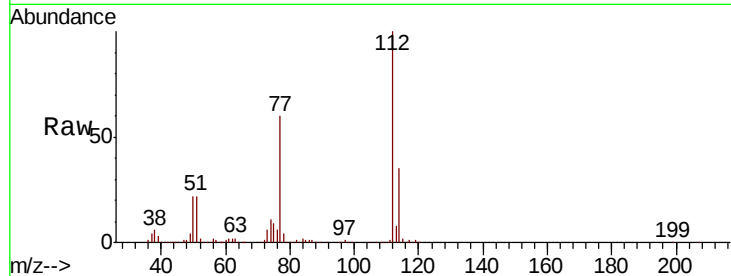




#65
Chlorobenzene
Concen: 51.209 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018855.D
Acq: 09 Oct 2020 14:06

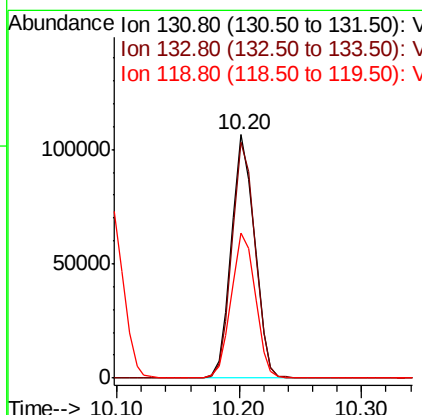
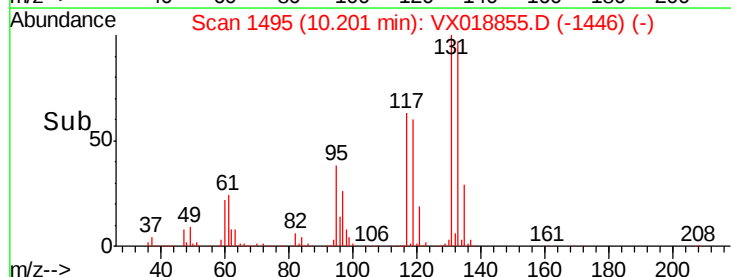
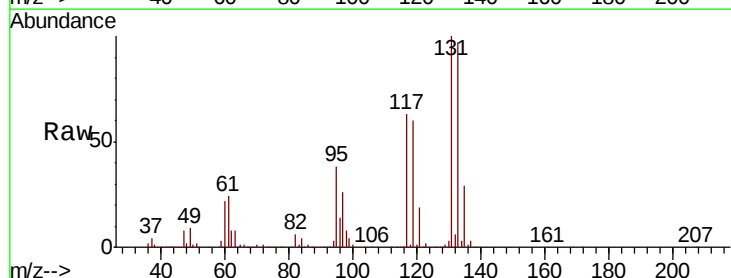
Instrument :
MSVOA_X
ClientSampled :
ICVVX100920

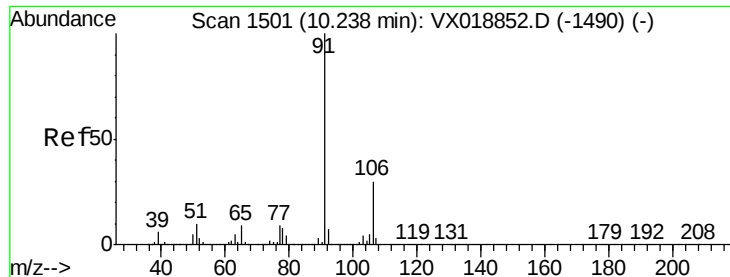
Tot Ion:112 Resp: 336426
Ion Ratio Lower Upper
112 100
114 35.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 51.514 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX018855.D
Acq: 09 Oct 2020 14:06

Tgt Ion:131 Resp: 139620
Ion Ratio Lower Upper
131 100
133 97.2 48.6 145.8
119 61.9 31.1 93.3





#67

Ethyl Benzene

Concen: 54.364 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018855.D

Acq: 09 Oct 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

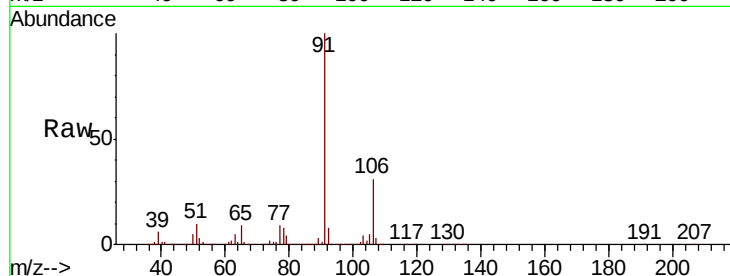
ICVVX100920

Tot Ion: 91 Resp: 602505

Ion Ratio Lower Upper

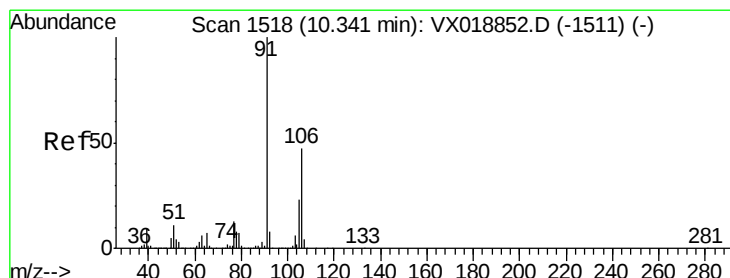
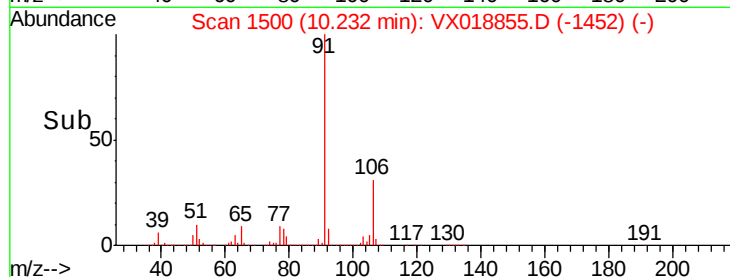
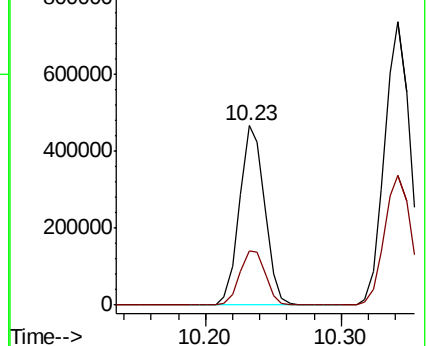
91 100

106 30.5 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 109.488 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018855.D

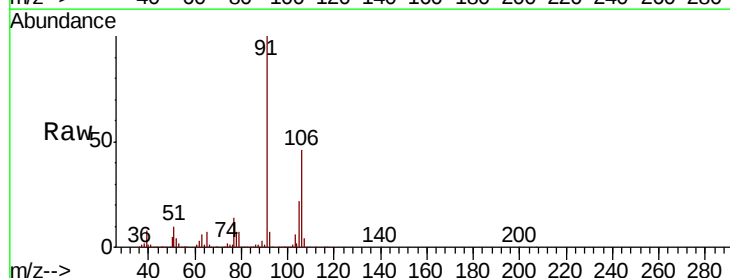
Acq: 09 Oct 2020 14:06

Tgt Ion: 106 Resp: 461020

Ion Ratio Lower Upper

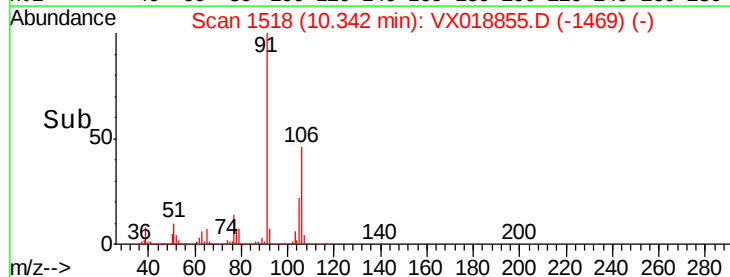
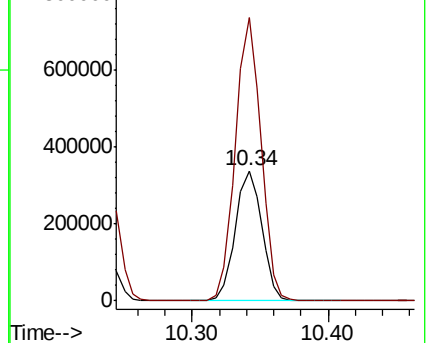
106 100

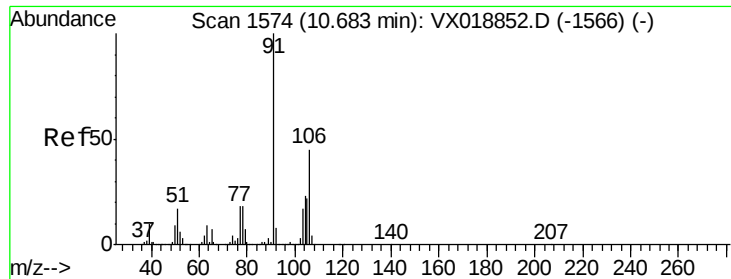
91 210.0 165.6 248.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

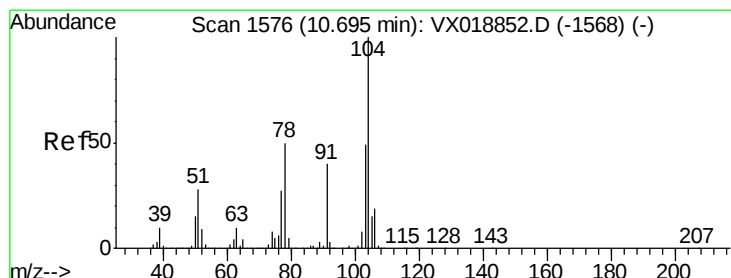
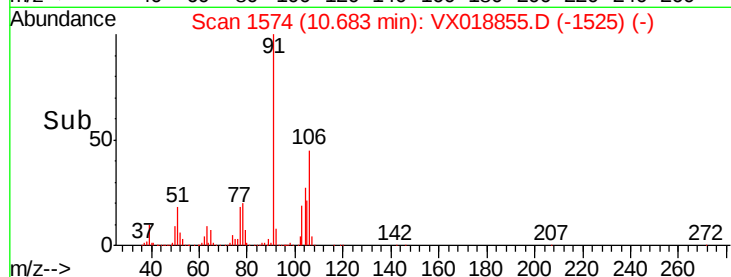
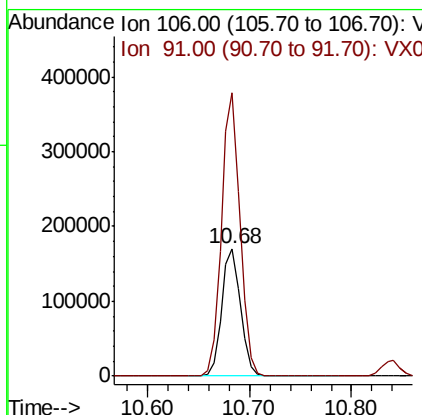
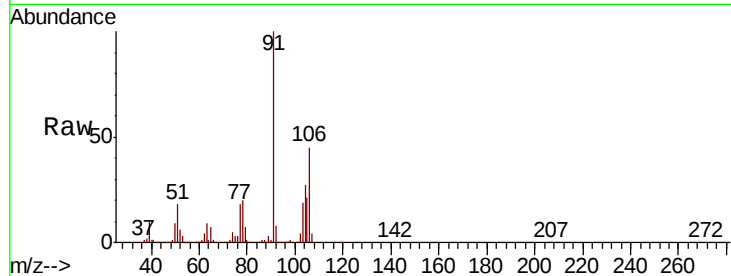




#69
o-Xylene
Concen: 55.055 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018855.D
Acq: 09 Oct 2020 14:06

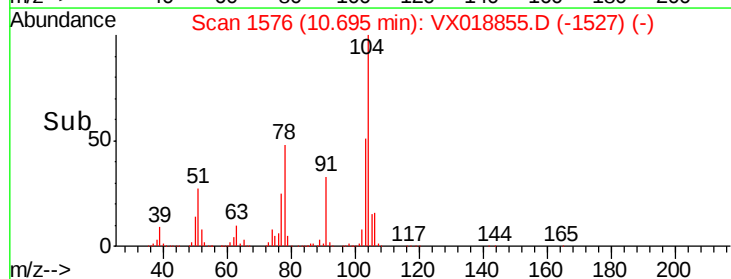
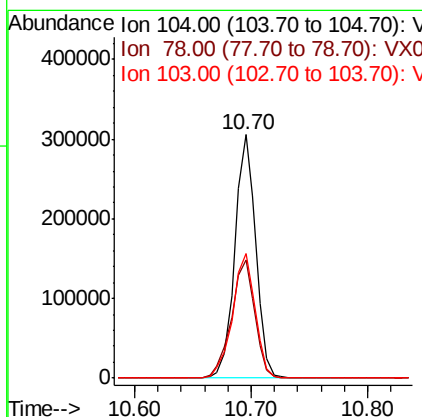
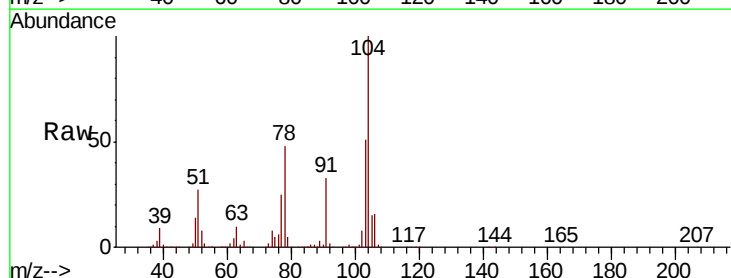
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100920

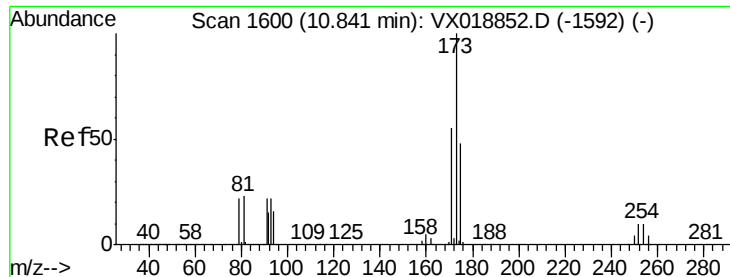
Tot Ion:106 Resp: 218413
Ion Ratio Lower Upper
106 100
91 219.7 109.9 329.6



#70
Styrene
Concen: 56.884 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018855.D
Acq: 09 Oct 2020 14:06

Tgt Ion:104 Resp: 382043
Ion Ratio Lower Upper
104 100
78 54.4 43.5 65.3
103 55.6 43.3 64.9





#71

Bromoform

Concen: 52.234 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018855.D

Acq: 09 Oct 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

ICVVX100920

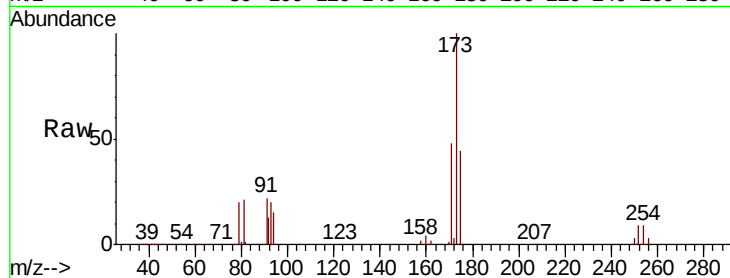
Tot Ion:173 Resp: 122449

Ion Ratio Lower Upper

173 100

175 48.1 23.4 70.0

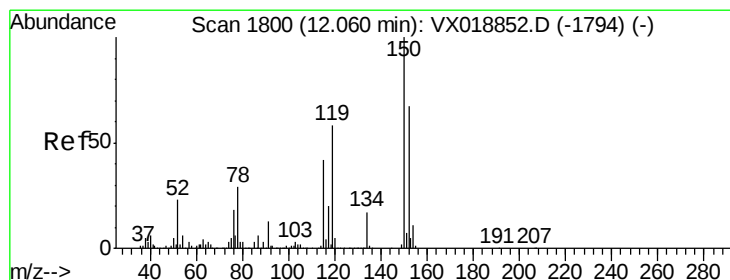
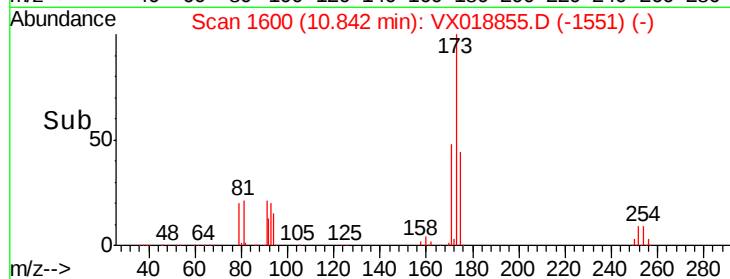
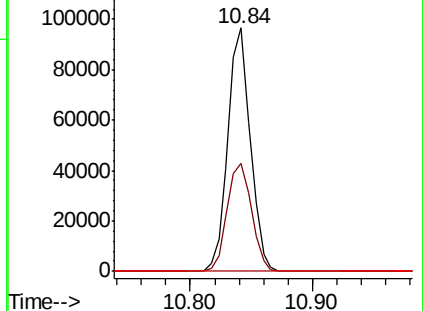
254 0.1 0.0 0.0#



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: VX018855.D

Acq: 09 Oct 2020 14:06

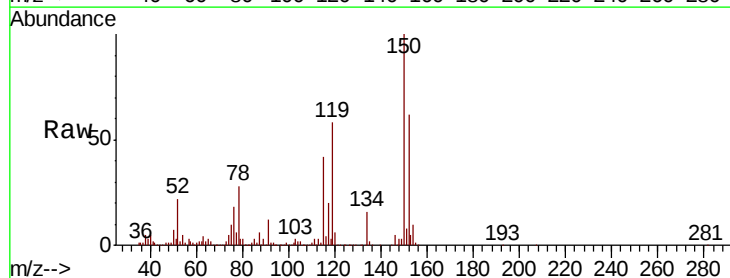
Tgt Ion:152 Resp: 168878

Ion Ratio Lower Upper

152 100

115 86.5 41.8 125.4

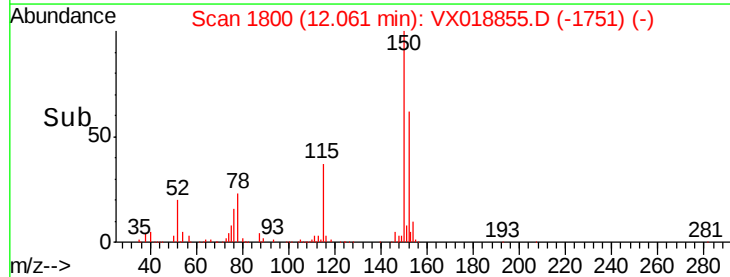
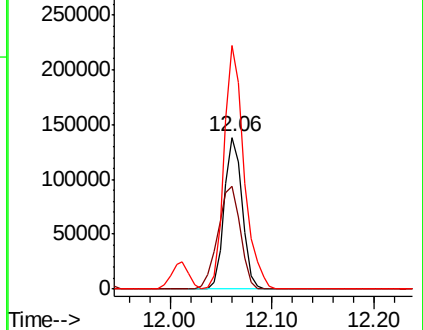
150 177.8 0.0 347.6

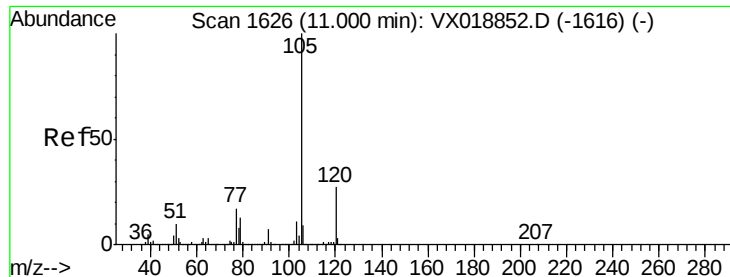


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.502 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018855.D

Acq: 09 Oct 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

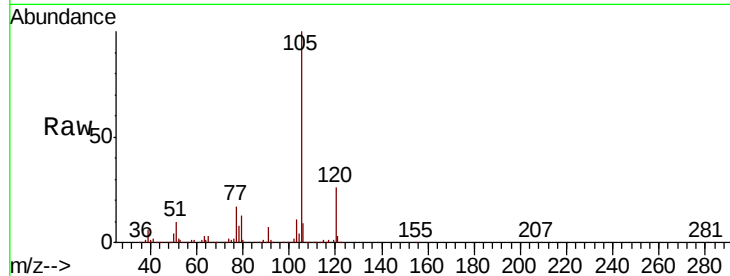
ICVVX100920

Tot Ion:105 Resp: 613143

Ion Ratio Lower Upper

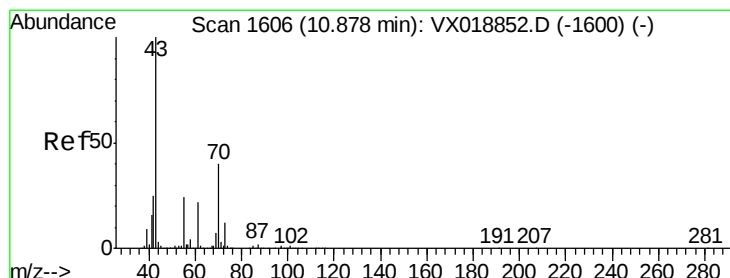
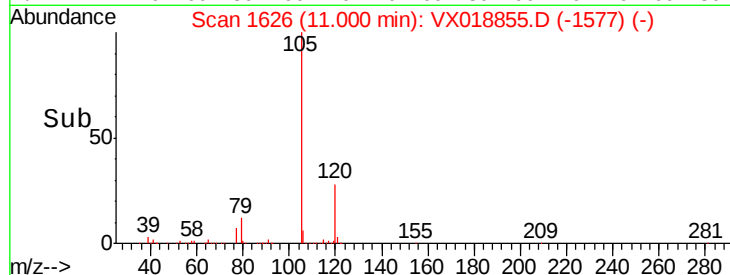
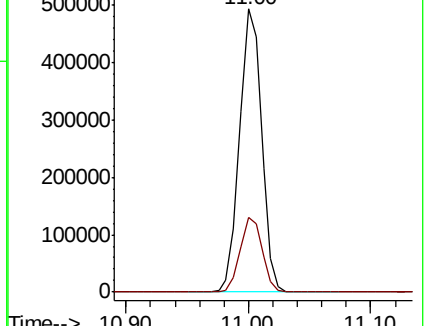
105 100

120 26.5 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 56.727 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018855.D

Acq: 09 Oct 2020 14:06

Tgt Ion: 43 Resp: 247940

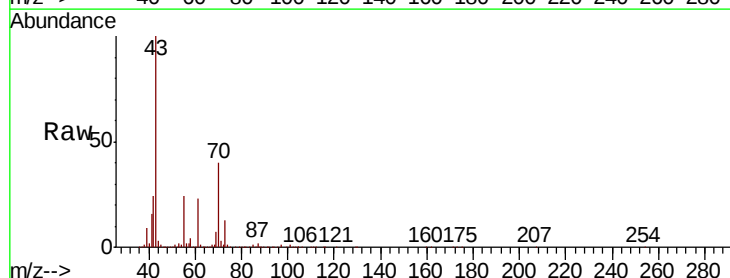
Ion Ratio Lower Upper

43 100

70 41.9 33.7 50.5

55 24.3 19.8 29.8

61 23.9 18.6 28.0

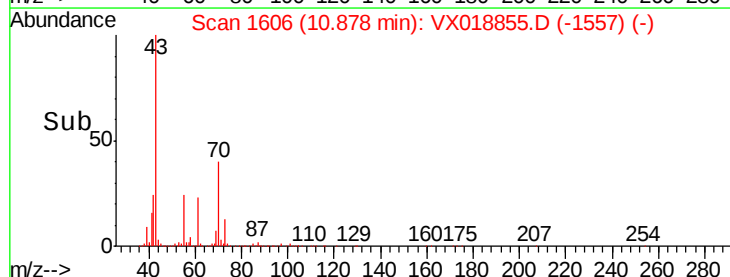
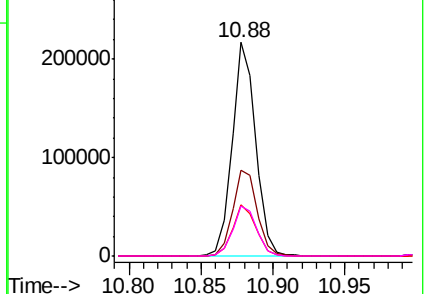


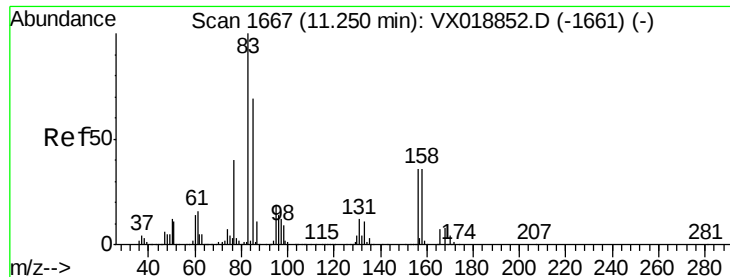
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.604 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018855.D

Acq: 09 Oct 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

ICVVX100920

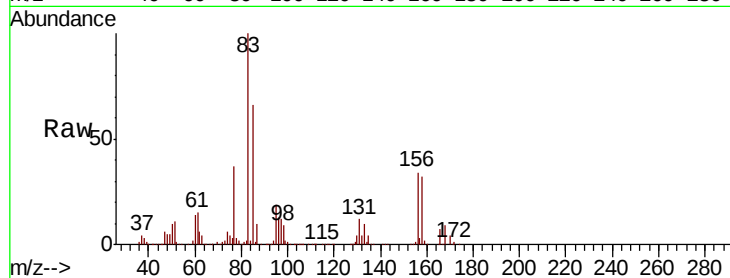
Tot Ion: 83 Resp: 182645

Ion Ratio Lower Upper

83 100

131 11.8 5.9 17.8

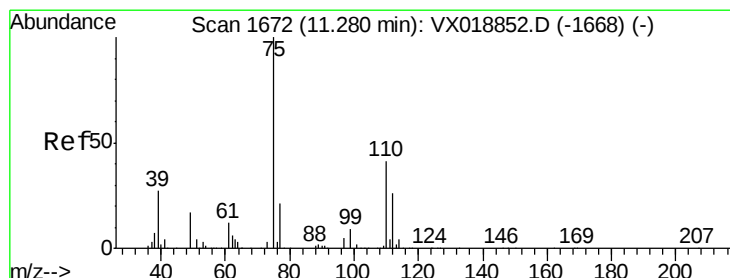
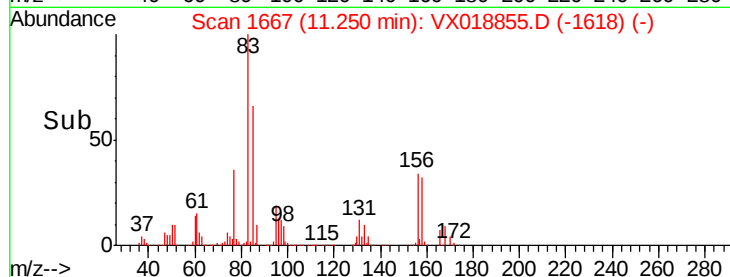
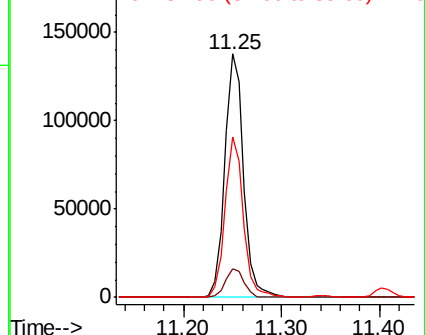
85 64.5 33.0 98.9



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: 63.278 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018855.D

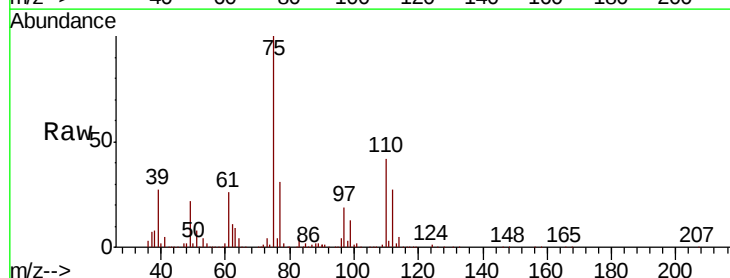
Acq: 09 Oct 2020 14:06

Tgt Ion: 75 Resp: 230253

Ion Ratio Lower Upper

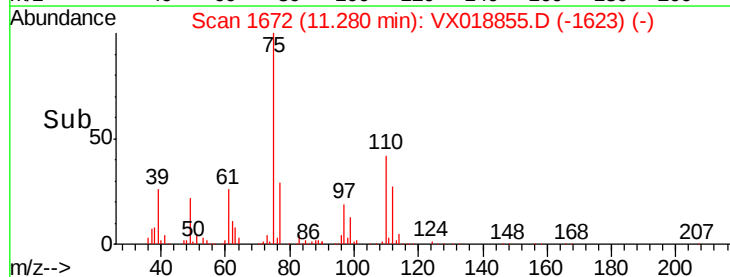
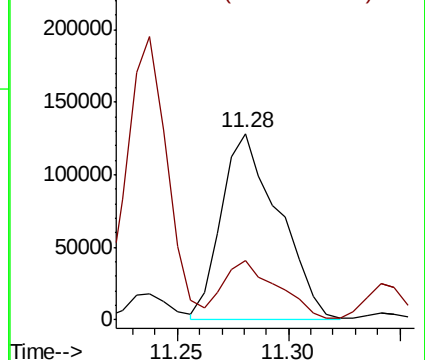
75 100

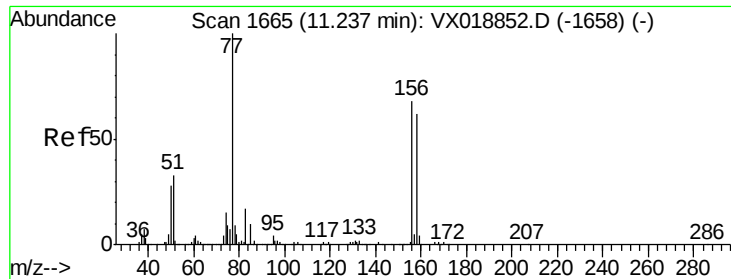
77 30.3 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 53.072 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018855.D

Acq: 09 Oct 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

ICVVX100920

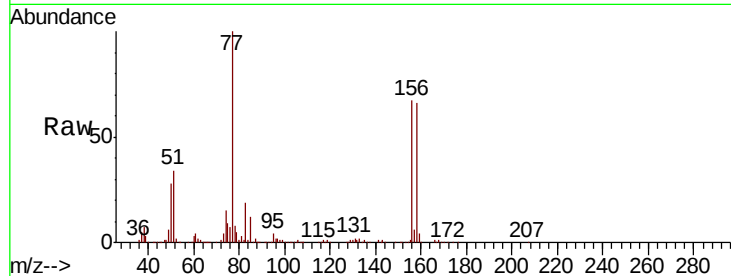
Tot Ion:156 Resp: 161053

Ion Ratio Lower Upper

156 100

77 153.9 76.0 228.1

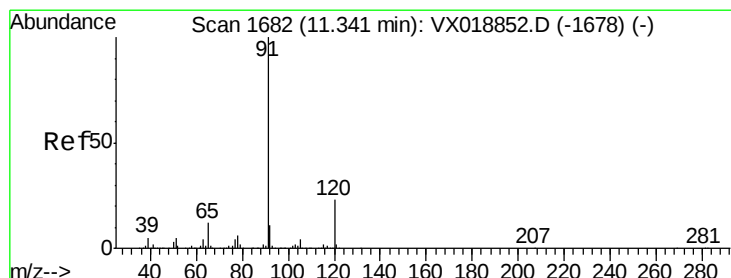
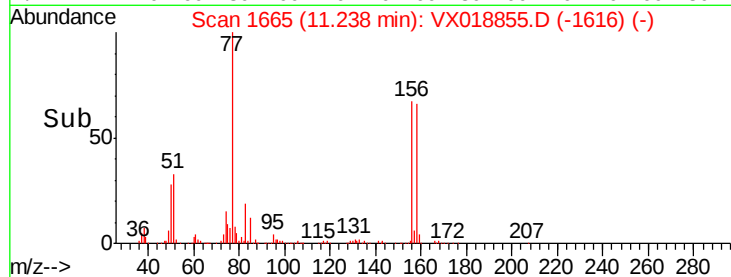
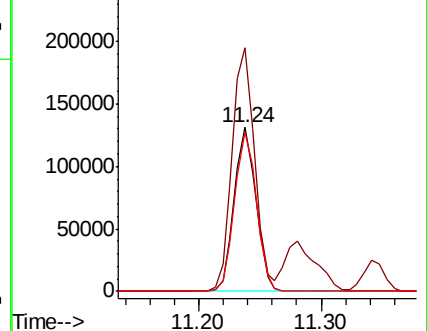
158 97.8 47.2 141.6



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: 56.314 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018855.D

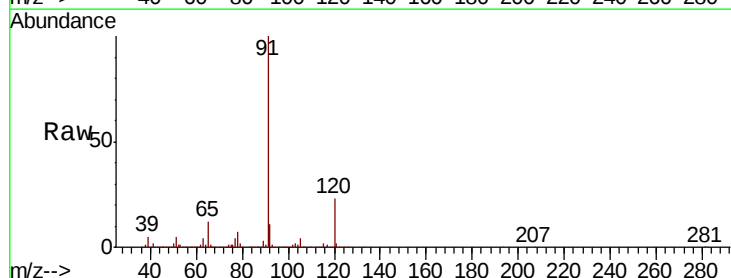
Acq: 09 Oct 2020 14:06

Tgt Ion: 91 Resp: 708886

Ion Ratio Lower Upper

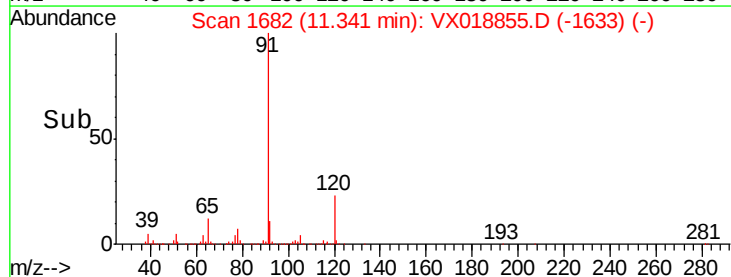
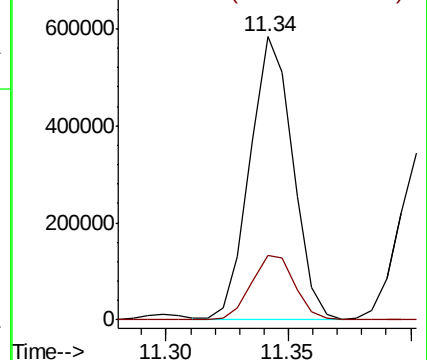
91 100

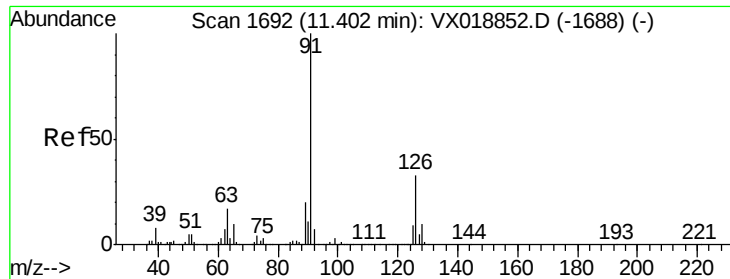
120 23.4 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

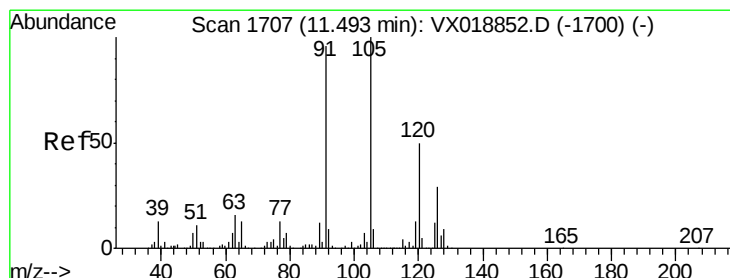
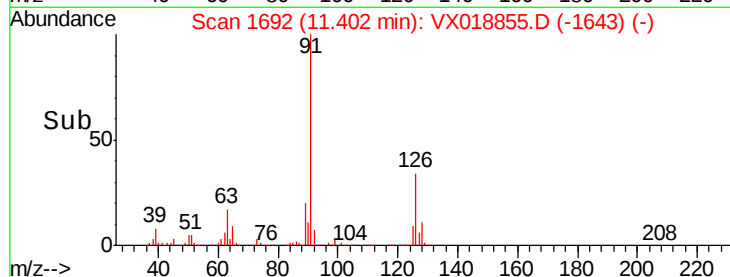
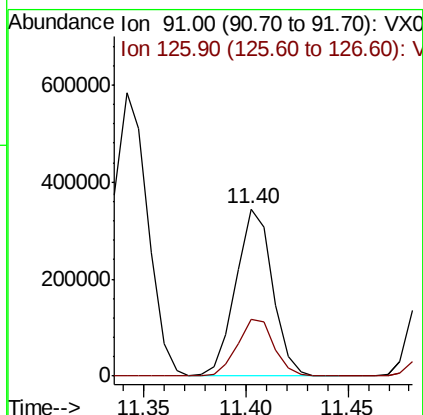
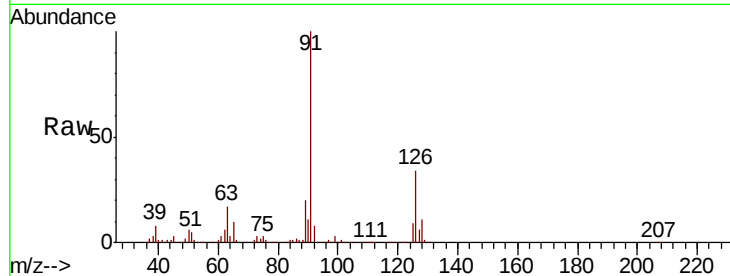




#79
2-Chlorotoluene
Concen: 54.169 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX018855.D
Acq: 09 Oct 2020 14:06

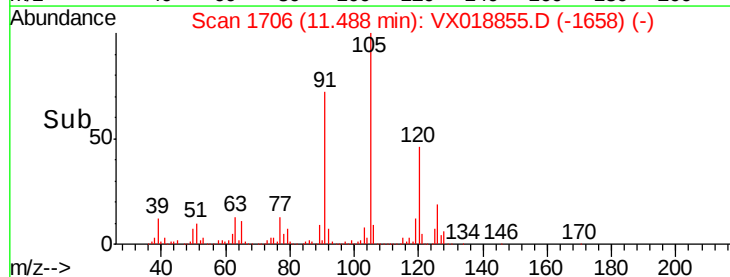
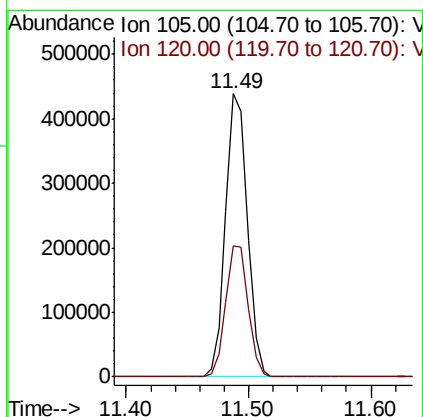
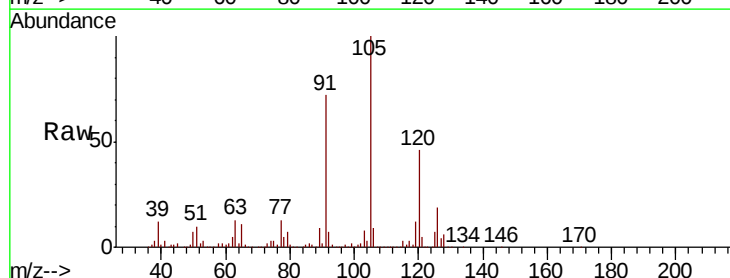
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100920

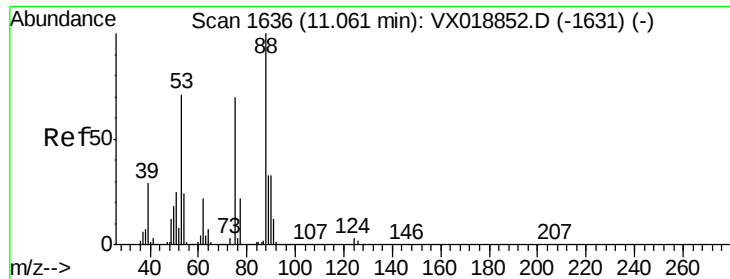
Tot Ion: 91 Resp: 425053
Ion Ratio Lower Upper
91 100
126 34.6 17.1 51.3



#80
1,3,5-Trimethylbenzene
Concen: 57.348 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX018855.D
Acq: 09 Oct 2020 14:06

Tgt Ion: 105 Resp: 541913
Ion Ratio Lower Upper
105 100
120 47.4 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 51.089 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018855.D

Acq: 09 Oct 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

ICVVX100920

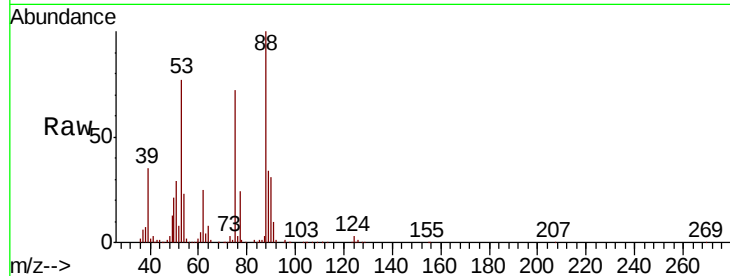
Tot Ion: 75 Resp: 65598

Ion Ratio Lower Upper

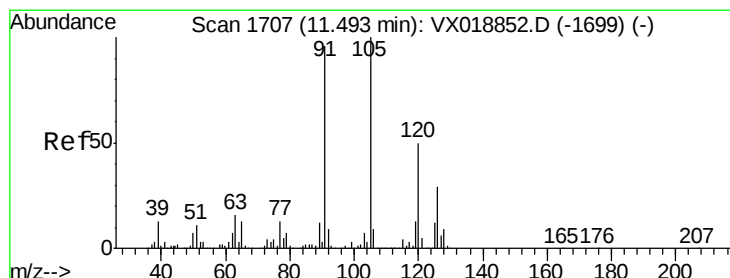
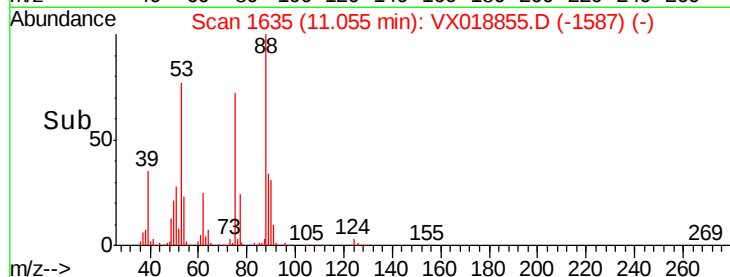
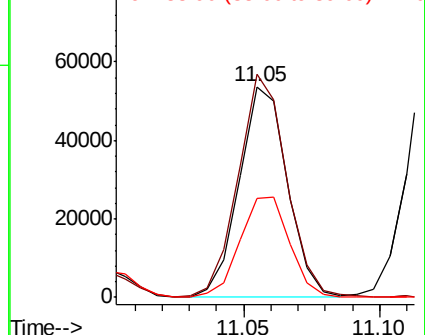
75 100

53 106.2 85.0 127.4

89 49.7 39.0 58.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 54.854 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018855.D

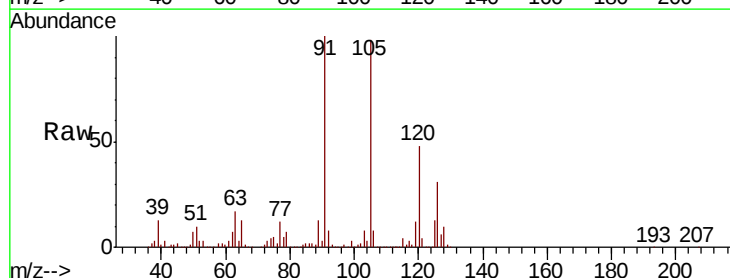
Acq: 09 Oct 2020 14:06

Tgt Ion: 91 Resp: 511804

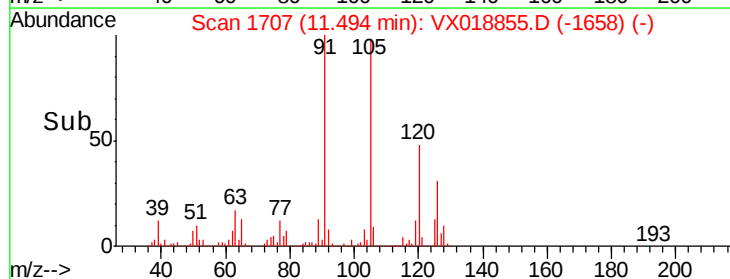
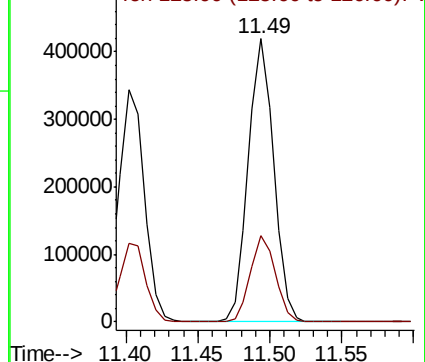
Ion Ratio Lower Upper

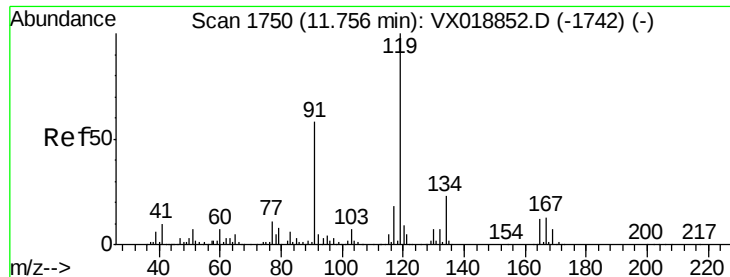
91 100

126 30.0 14.9 44.7



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

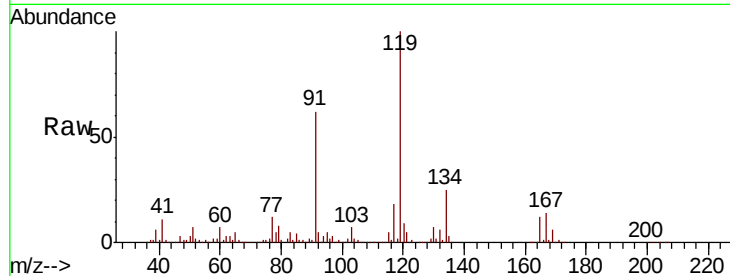




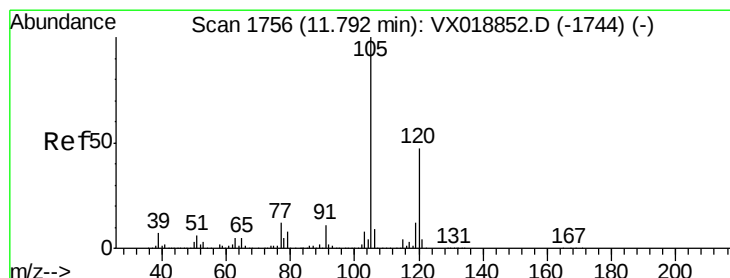
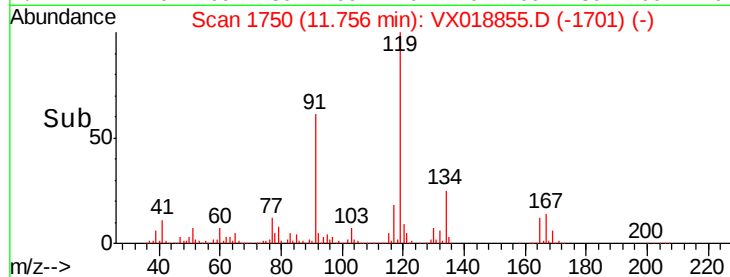
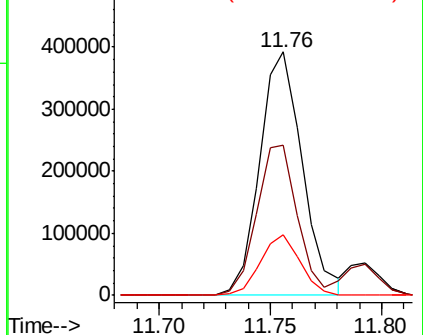
#83
 tert-Butylbenzene
 Concen: 55.261 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX018855.D
 Acq: 09 Oct 2020 14:06

Instrument :
 MSVOA_X
 ClientSampleID :
 ICVVX100920

Tot Ion:119 Resp: 522952
 Ion Ratio Lower Upper
 119 100
 91 58.5 28.6 85.9
 134 23.1 11.7 35.0

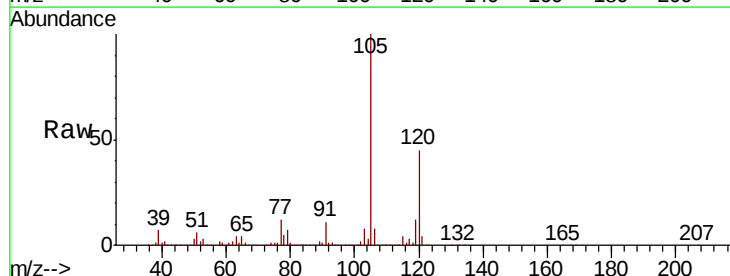


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

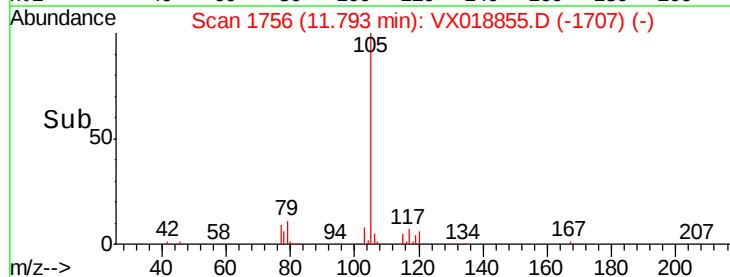
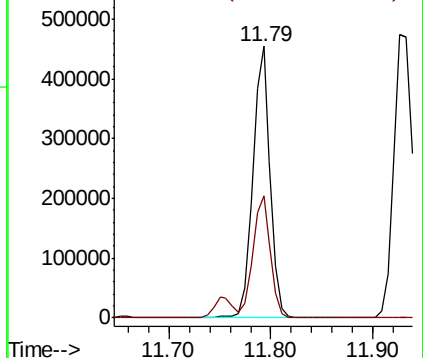


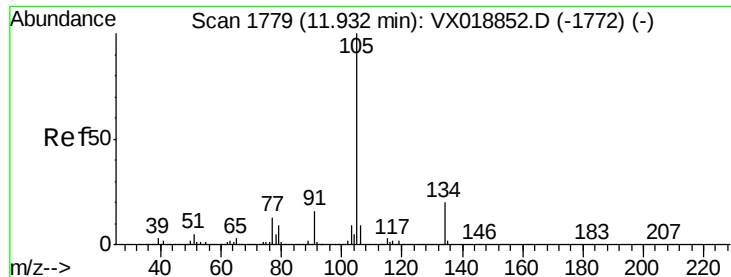
#84
 1,2,4-Trimethylbenzene
 Concen: 55.841 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018855.D
 Acq: 09 Oct 2020 14:06

Tgt Ion:105 Resp: 536406
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

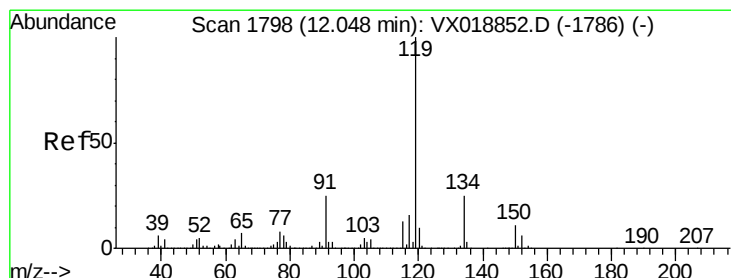
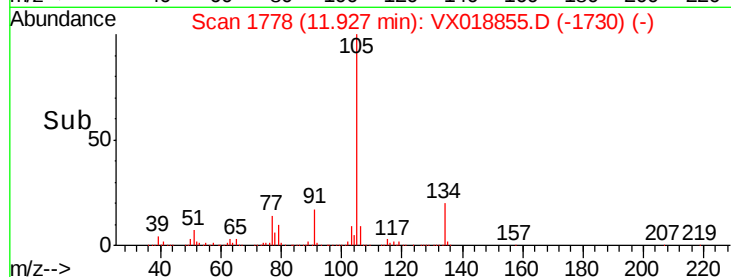
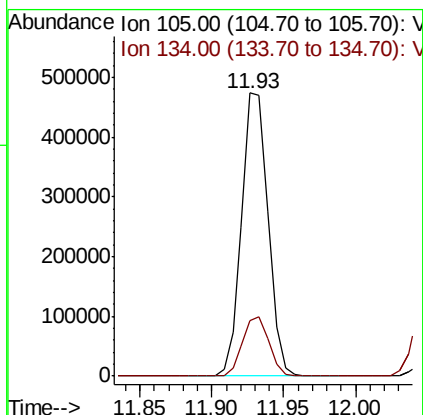
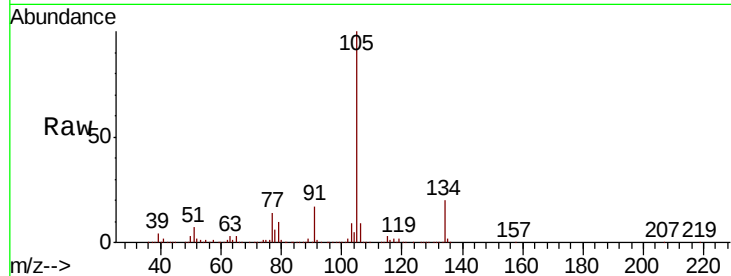




#85
 sec-Butylbenzene
 Concen: 56.703 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX018855.D
 Acq: 09 Oct 2020 14:06

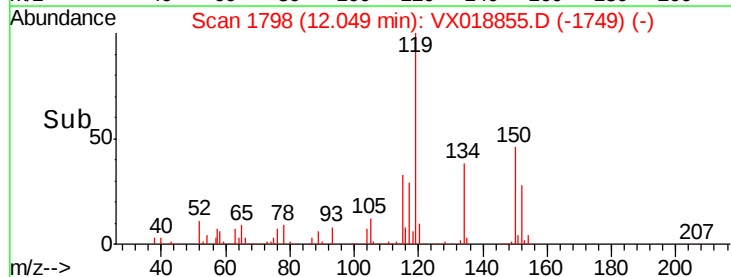
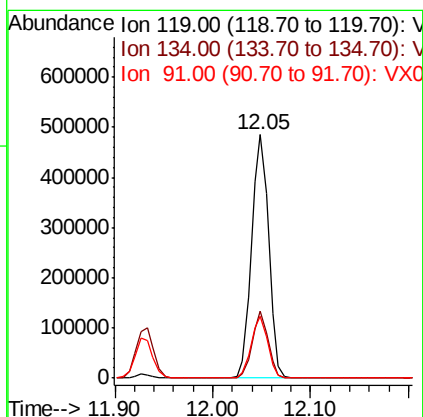
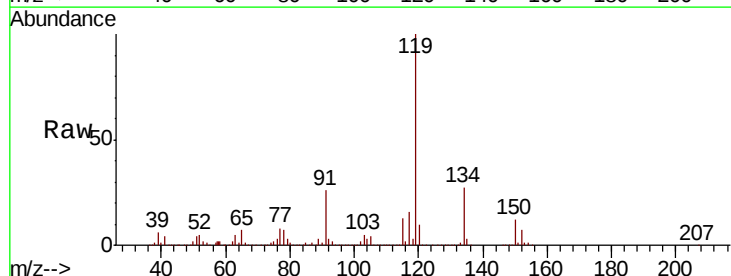
Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX100920

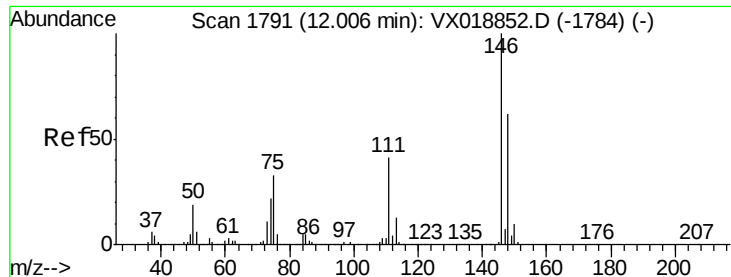
Tot Ion:105 Resp: 604507
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 58.145 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018855.D
 Acq: 09 Oct 2020 14:06

Tgt Ion:119 Resp: 588080
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.4
 91 24.7 12.3 36.9

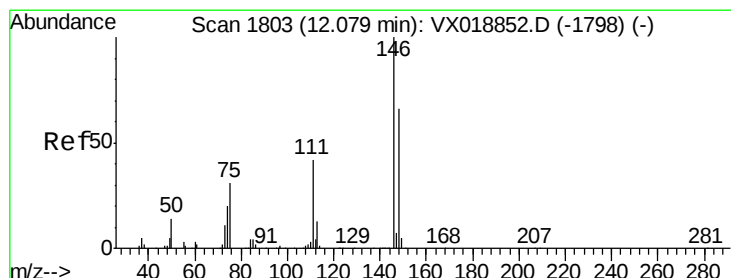
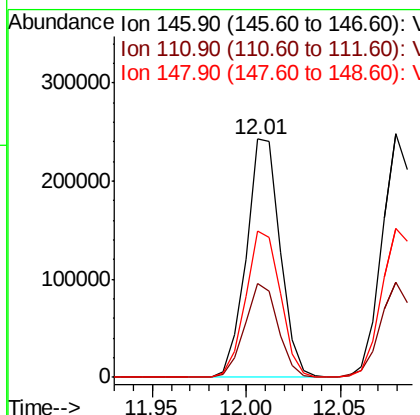
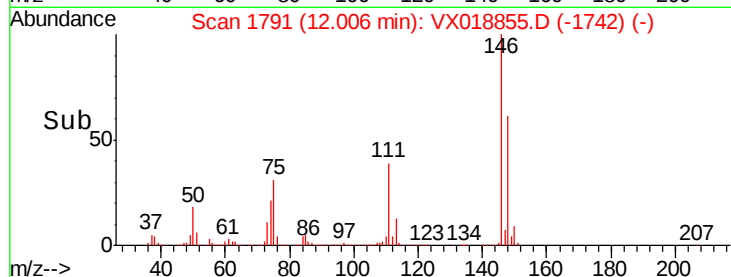
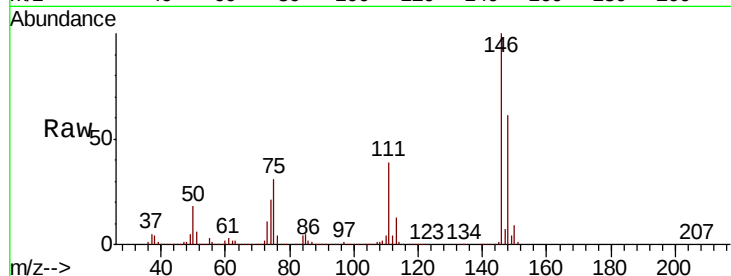




#87
 1,3-Dichlorobenzene
 Concen: 54.413 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX018855.D
 Acq: 09 Oct 2020 14:06

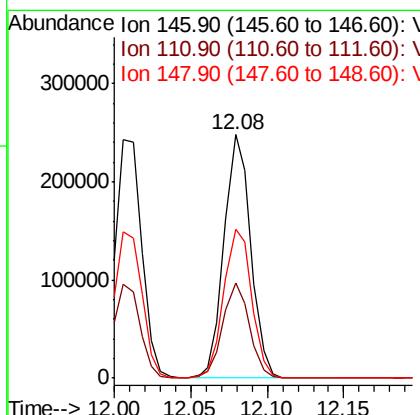
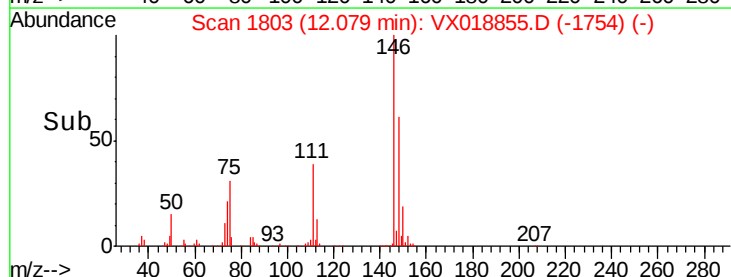
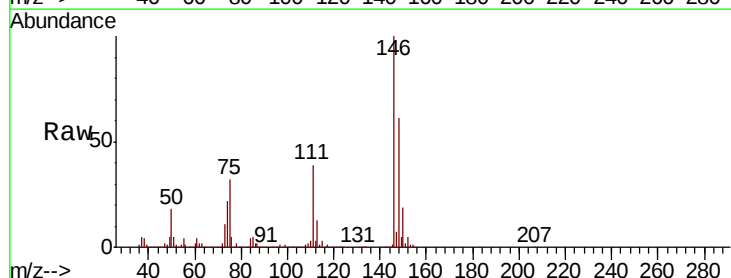
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100920

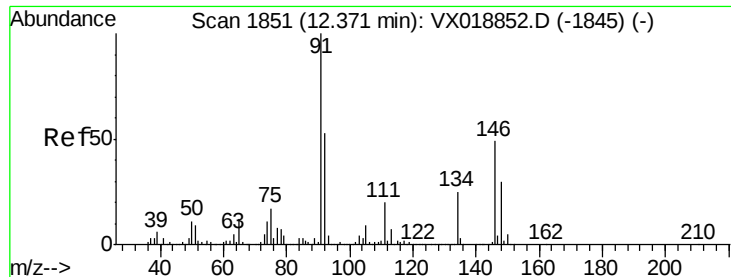
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	20.0	59.9
148	62.8	31.4	94.3



#88
 1,4-Dichlorobenzene
 Concen: 53.046 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018855.D
 Acq: 09 Oct 2020 14:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.5	61.5
148	63.9	32.2	96.6





#89

n-Butylbenzene

Concen: 57.972 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX018855.D

Acq: 09 Oct 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

ICVX100920

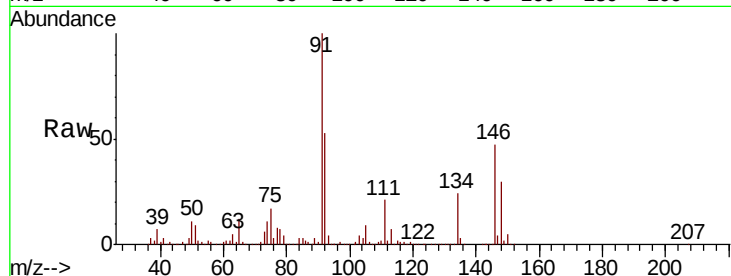
Tot Ion: 91 Resp: 509439

Ion Ratio Lower Upper

91 100

92 53.5 26.7 80.0

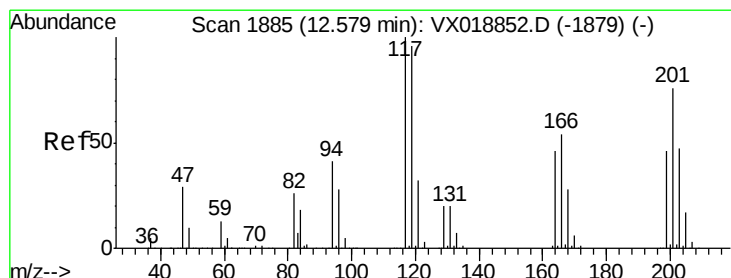
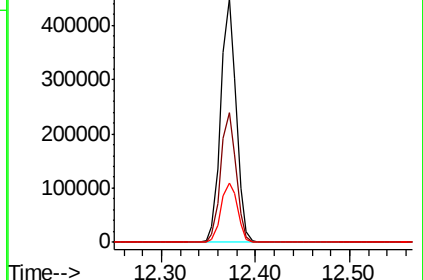
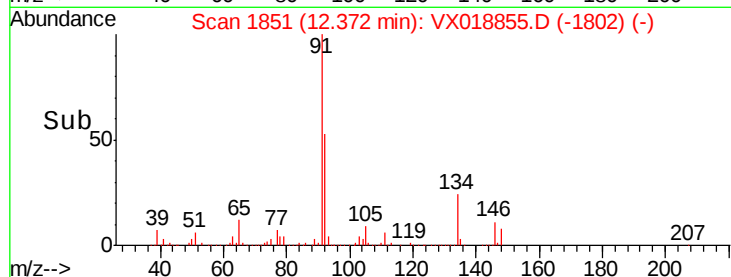
134 26.3 13.5 40.4



Abundance Ion 91.00 (90.70 to 91.70): VX018855.D

Ion 92.00 (91.70 to 92.70): VX018855.D

Ion 134.00 (133.70 to 134.70): VX018855.D



#90

Hexachloroethane

Concen: 52.169 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX018855.D

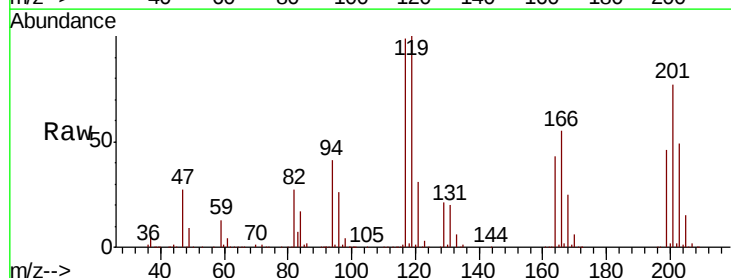
Acq: 09 Oct 2020 14:06

Tgt Ion: 117 Resp: 98092

Ion Ratio Lower Upper

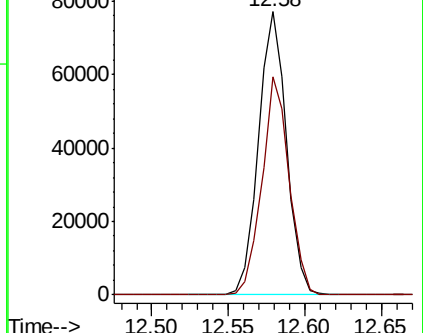
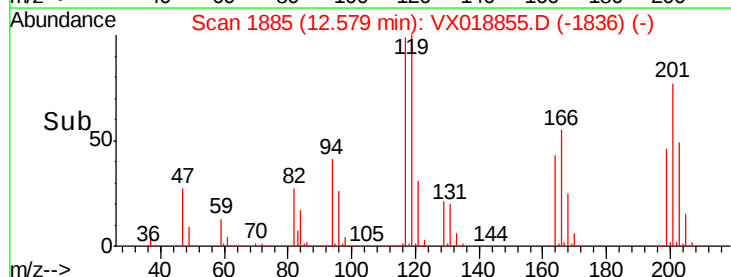
117 100

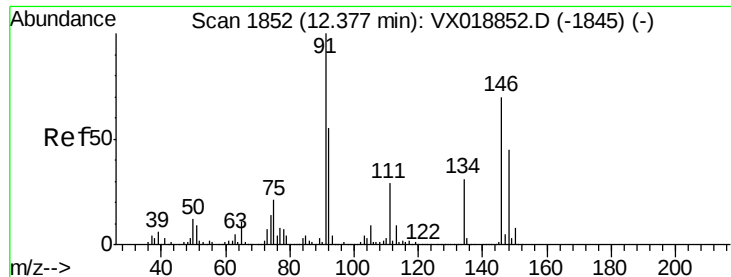
201 75.5 37.4 112.2



Abundance Ion 116.80 (116.50 to 117.50): VX018855.D

Ion 200.70 (200.40 to 201.40): VX018855.D





#91

1,2-Dichlorobenzene

Concen: 51.818 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018855.D

Acq: 09 Oct 2020 14:06

Instrument :

MSVOA_X

ClientSampleId :

ICVVX100920

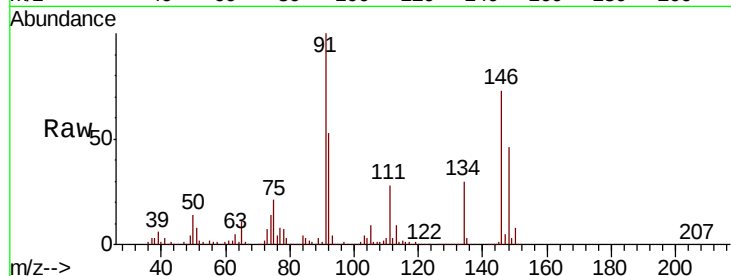
Tot Ion:146 Resp: 274899

Ion Ratio Lower Upper

146 100

111 42.3 20.6 61.9

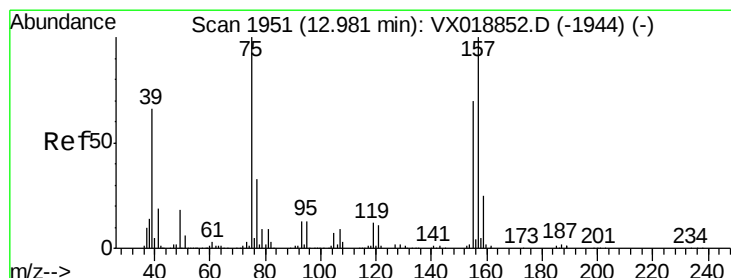
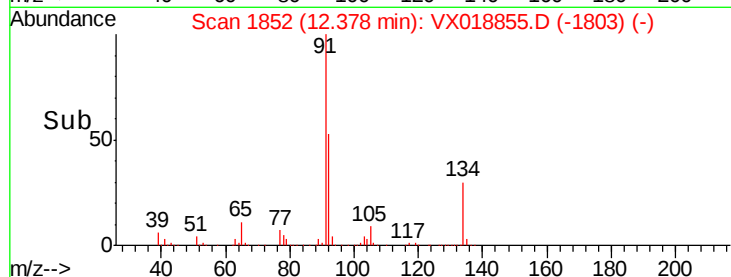
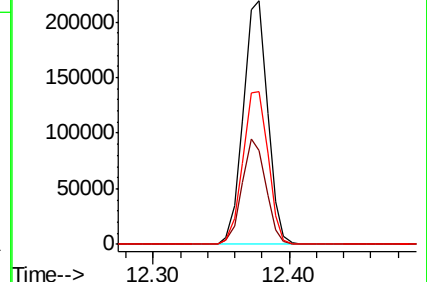
148 64.9 31.1 93.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.206 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX018855.D

Acq: 09 Oct 2020 14:06

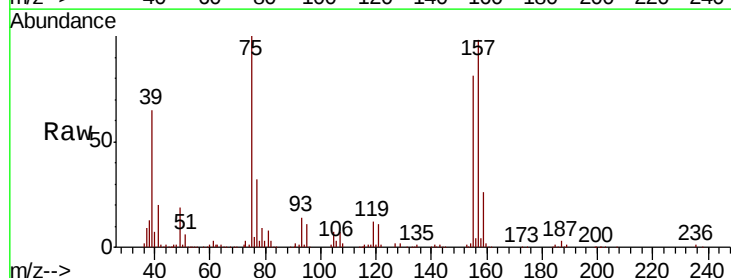
Tgt Ion: 75 Resp: 46337

Ion Ratio Lower Upper

75 100

155 82.3 38.0 113.9

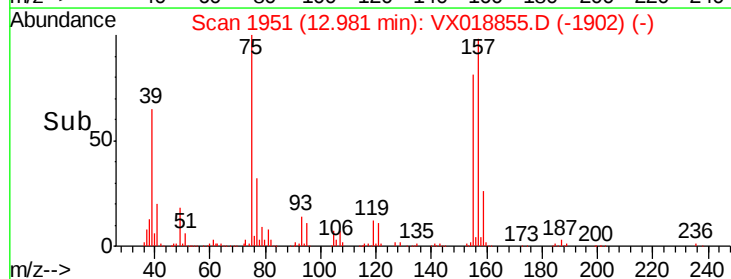
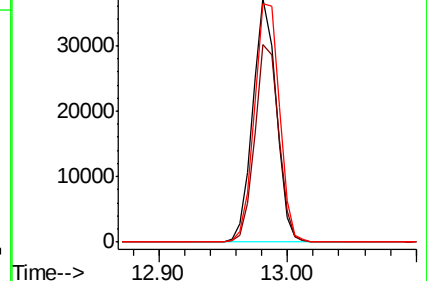
157 104.3 50.9 152.7

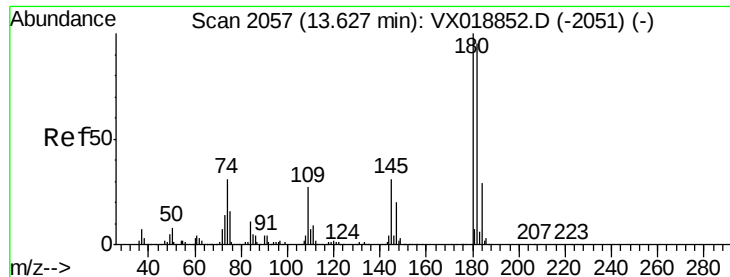


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

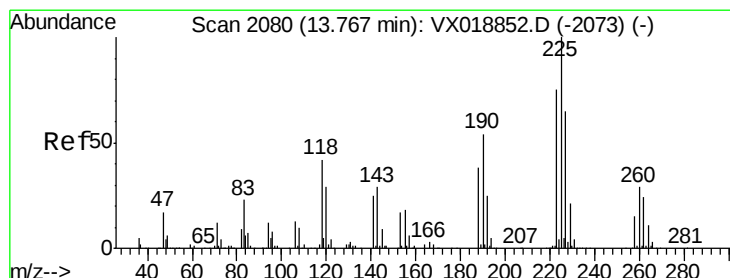
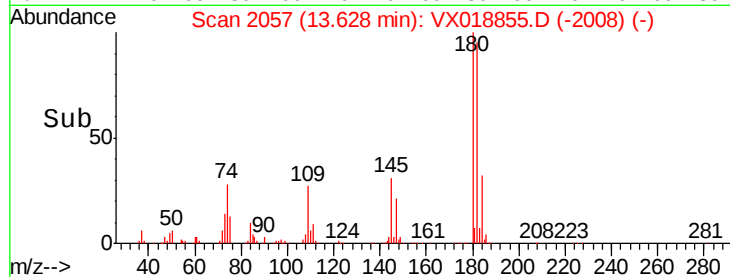
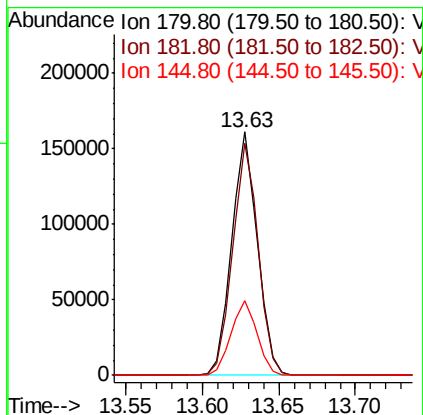
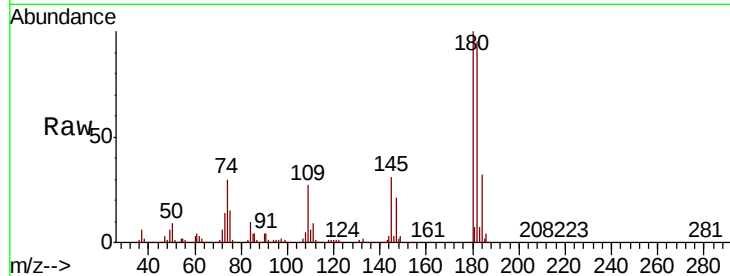




#93
 1,2,4-Trichlorobenzene
 Concen: 54.932 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018855.D
 Acq: 09 Oct 2020 14:06

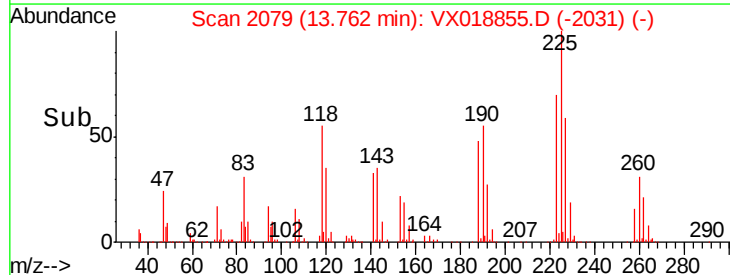
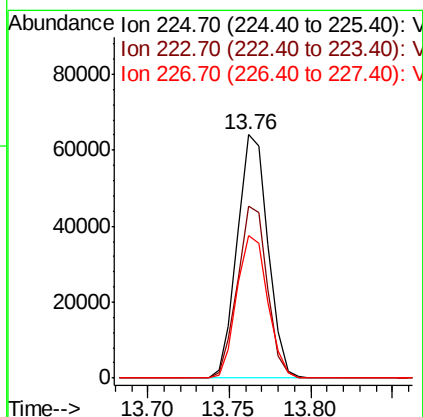
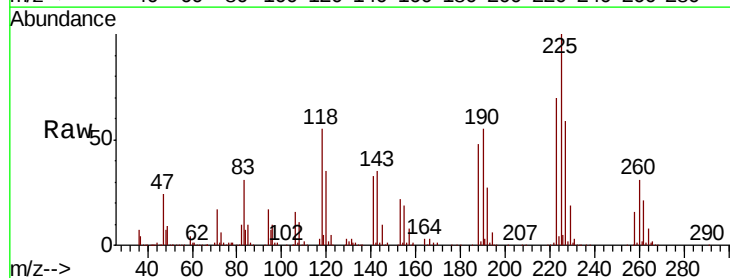
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100920

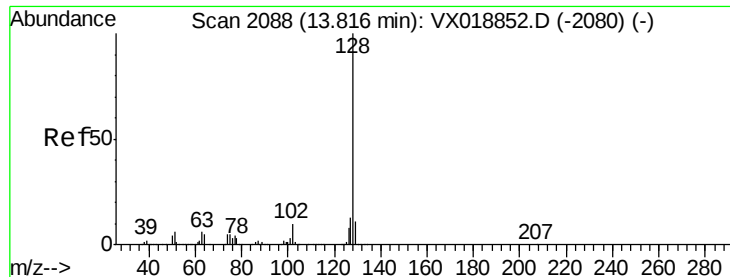
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	49.1	147.3
145	31.2	16.0	48.0



#94
 Hexachlorobutadiene
 Concen: 55.730 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018855.D
 Acq: 09 Oct 2020 14:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.4	32.1	96.3
227	58.9	33.0	98.9

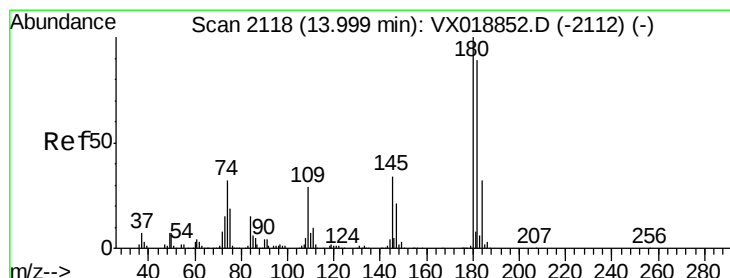
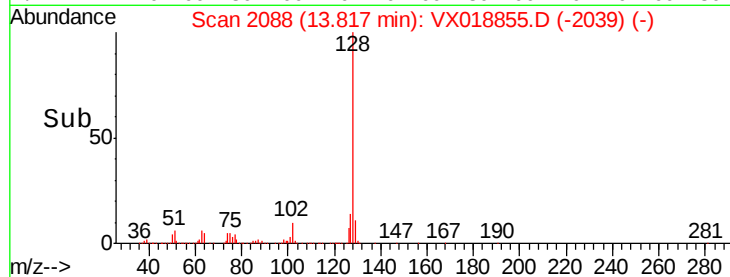
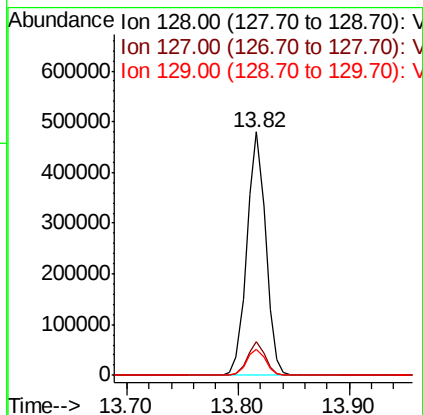
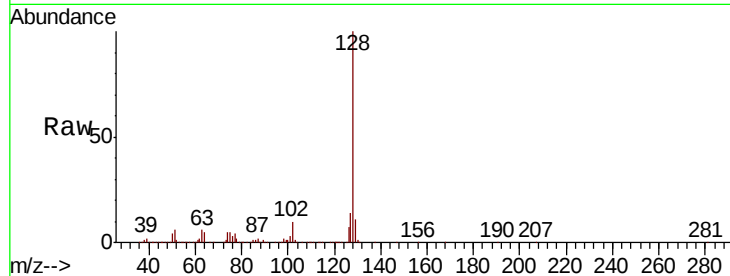




#95
Naphthalene
Concen: 49.406 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018855.D
Acq: 09 Oct 2020 14:06

Instrument :
MSVOA_X
ClientSampleId :
ICVVX100920

Tot Ion:128 Resp: 560942
Ion Ratio Lower Upper
128 100
127 13.2 10.1 15.1
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 54.557 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018855.D
Acq: 09 Oct 2020 14:06

Tgt Ion:180 Resp: 181667
Ion Ratio Lower Upper
180 100
182 96.1 47.7 143.1
145 34.6 16.7 50.0

