

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080420\
 Data File : VX017762.D
 Acq On : 04 Aug 2020 11:59
 Operator : JC/SP
 Sample : VX0804WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 05 01:45:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	490144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	748407	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	694050	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	373467	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	331295	52.62	ug/l	0.00
Spiked Amount						
			Recovery	=	105.24%	
35) Dibromofluoromethane	5.46	113	258760	51.70	ug/l	0.00
Spiked Amount						
			Recovery	=	103.40%	
50) Toluene-d8	8.70	98	959883	53.16	ug/l	0.00
Spiked Amount						
			Recovery	=	106.32%	
62) 4-Bromofluorobenzene	11.12	95	358528	49.61	ug/l	0.00
Spiked Amount						
			Recovery	=	99.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	83577	17.722	ug/l	99
3) Chloromethane	1.32	50	97833	16.396	ug/l	100
4) Vinyl Chloride	1.39	62	102932	16.688	ug/l	99
5) Bromomethane	1.63	94	76672	21.385	ug/l	97
6) Chloroethane	1.72	64	65173	18.684	ug/l	98
7) Trichlorofluoromethane	1.92	101	179054	18.457	ug/l	100
8) Diethyl Ether	2.17	74	64307	19.618	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	95813	17.997	ug/l	97
10) Methyl Iodide	2.50	142	115233	16.919	ug/l	94
11) Tert butyl alcohol	3.01	59	123159	92.813	ug/l	97
12) 1,1-Dichloroethene	2.36	96	89183	17.616	ug/l	96
13) Acrolein	2.27	56	60256	62.637	ug/l	95
14) Allyl chloride	2.71	41	179340	19.400	ug/l	98
15) Acrylonitrile	3.12	53	263946	92.093	ug/l	99
16) Acetone	2.42	43	270912	97.762	ug/l	94
17) Carbon Disulfide	2.55	76	242258	15.743	ug/l	99
18) Methyl Acetate	2.75	43	137111	21.009	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	327269	18.677	ug/l	100
20) Methylene Chloride	2.84	84	109808	20.276	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	94088	17.348	ug/l	94
22) Diisopropyl ether	3.82	45	338987	20.055	ug/l	93
23) Vinyl Acetate	3.78	43	1406455	93.322	ug/l	98
24) 1,1-Dichloroethane	3.67	63	178562	18.339	ug/l	99
25) 2-Butanone	4.63	43	374017	95.008	ug/l	99
26) 2,2-Dichloropropane	4.56	77	161297	18.506	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	109635	18.611	ug/l	99
28) Bromochloromethane	4.98	49	79041	17.913	ug/l	96
29) Tetrahydrofuran	5.09	42	238648	97.867	ug/l	100
30) Chloroform	5.18	83	190850	19.183	ug/l	98
31) Cyclohexane	5.54	56	138695	17.862	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	179597	19.143	ug/l	99
36) 1,1-Dichloropropene	5.77	75	130405	18.168	ug/l	99
37) Ethyl Acetate	4.79	43	140591	17.901	ug/l	97
38) Carbon Tetrachloride	5.75	117	162381	18.629	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	139734	16.676	ug/l	97
40) Benzene	6.11	78	375846	18.264	ug/l	94
41) Methacrylonitrile	5.01	41	77851	17.294	ug/l	92
42) 1,2-Dichloroethane	6.16	62	162734	19.330	ug/l	99
43) Isopropyl Acetate	6.41	43	241999	18.675	ug/l	99
44) Trichloroethene	7.18	130	114082	18.970	ug/l	95
45) 1,2-Dichloropropane	7.49	63	105423	18.480	ug/l	94
46) Dibromomethane	7.64	93	76239	18.910	ug/l	98
47) Bromodichloromethane	7.87	83	159970	19.720	ug/l	97
48) Methyl methacrylate	7.74	41	119814	18.653	ug/l	99
49) 1,4-Dioxane	7.71	88	47307	384.144	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	760058	98.305	ug/l	99
52) Toluene	8.76	92	260868	19.766	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	170896	18.819	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	176587	19.065	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	108783	19.787	ug/l	96
56) Ethyl methacrylate	9.16	69	154594	18.664	ug/l	98
57) 1,3-Dichloropropane	9.35	76	176432	19.489	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	380043	87.091	ug/l	99
59) 2-Hexanone	9.47	43	568620	97.683	ug/l	97
60) Dibromochloromethane	9.56	129	134015	19.179	ug/l	100
61) 1,2-Dibromoethane	9.65	107	118017	20.163	ug/l	99
64) Tetrachloroethene	9.32	164	124317	19.957	ug/l	97
65) Chlorobenzene	10.12	112	281253	18.722	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	116122	19.152	ug/l	98
67) Ethyl Benzene	10.24	91	481933	19.218	ug/l	99
68) m/p-Xylenes	10.34	106	362004	37.263	ug/l	96
69) o-Xylene	10.68	106	171852	18.393	ug/l	99
70) Styrene	10.70	104	302784	19.046	ug/l	98
71) Bromoform	10.84	173	99435	18.930	ug/l #	97
73) Isopropylbenzene	11.00	105	471460	18.402	ug/l	99
74) N-amyl acetate	10.88	43	201993	17.745	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	148503	18.570	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	190894	24.848	ug/l	82
77) Bromobenzene	11.24	156	130102	18.139	ug/l	98
78) n-propylbenzene	11.34	91	559254	19.354	ug/l	99
79) 2-Chlorotoluene	11.40	91	334950	18.712	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	417909	19.104	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	54920	18.013	ug/l	96
82) 4-Chlorotoluene	11.49	91	404157	19.141	ug/l	99
83) tert-Butylbenzene	11.76	119	394092	18.828	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	418797	19.249	ug/l	99
85) sec-Butylbenzene	11.93	105	482206	19.776	ug/l	99
86) p-Isopropyltoluene	12.05	119	444615	19.148	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	240933	19.561	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	238124	18.665	ug/l	99
89) n-Butylbenzene	12.37	91	374526	18.101	ug/l	99
90) Hexachloroethane	12.58	117	86456	18.886	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	227196	18.768	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	38559	18.748	ug/l	98

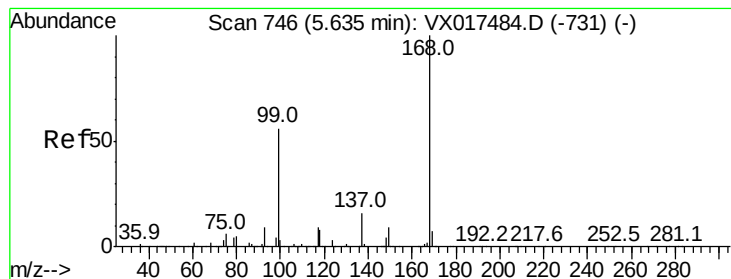
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	153286	18.553	ug/l	98
94) Hexachlorobutadiene	13.77	225	73708	19.381	ug/l	97
95) Naphthalene	13.82	128	483945	19.622	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	161095	19.748	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Instrument :

MSVOA_X

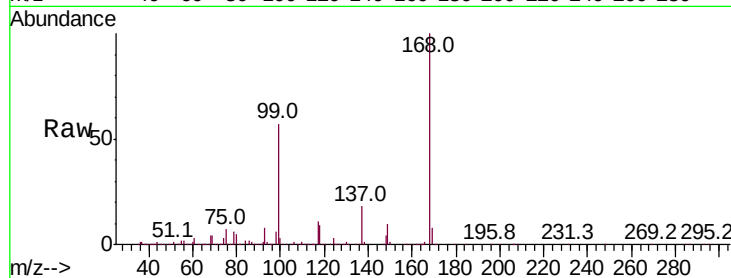
ClientSampleId :

Tot Ion:168 Resp: 490144

Ion Ratio Lower Upper

168 100

99 56.7 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

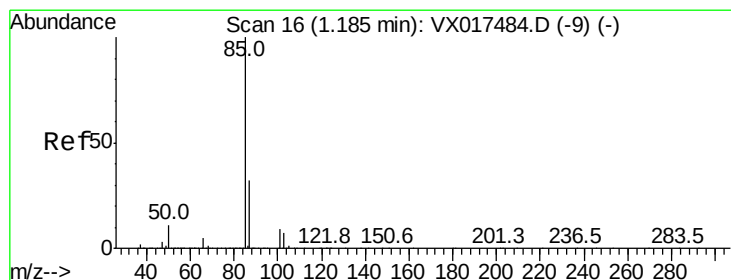
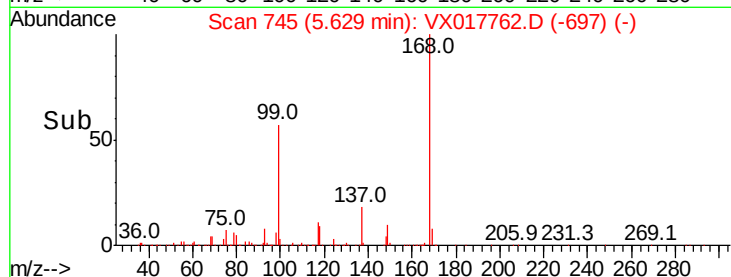
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.722 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017762.D

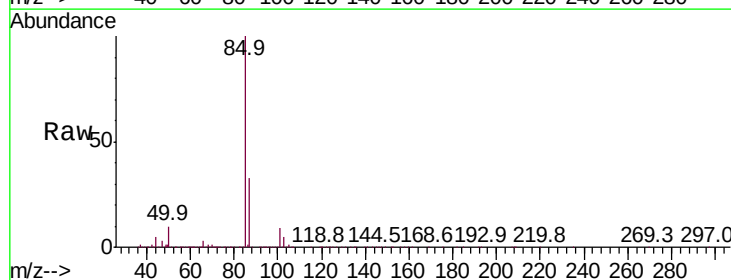
Acq: 04 Aug 2020 11:59

Tgt Ion: 85 Resp: 83577

Ion Ratio Lower Upper

85 100

87 32.8 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

100000

80000

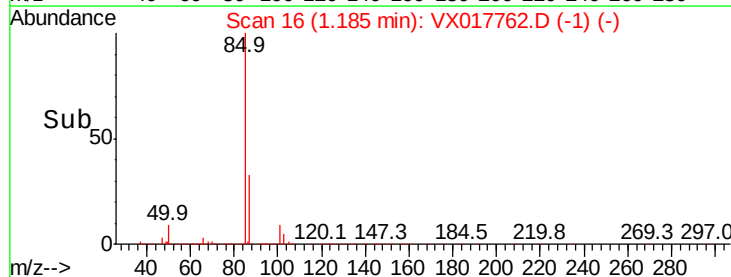
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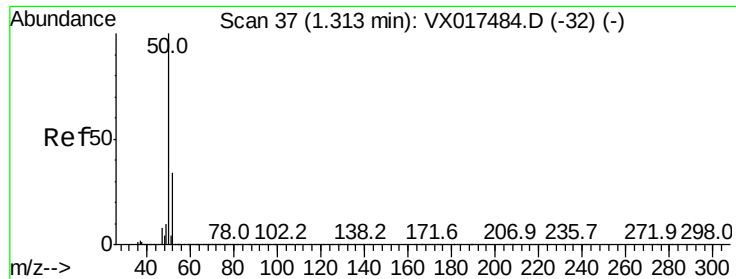
40000

20000

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Time-->





#3

Chloromethane

Concen: 16.396 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Instrument :

MSVOA_X

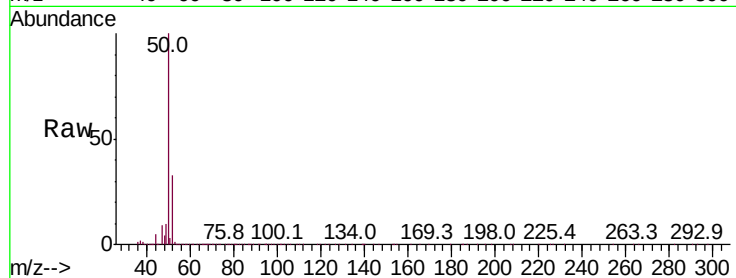
ClientSampleId :

Tot Ion: 50 Resp: 97833

Ion Ratio Lower Upper

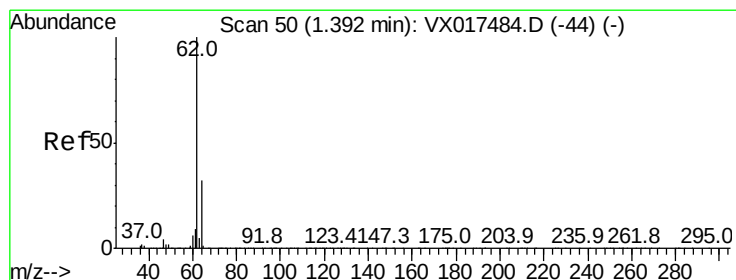
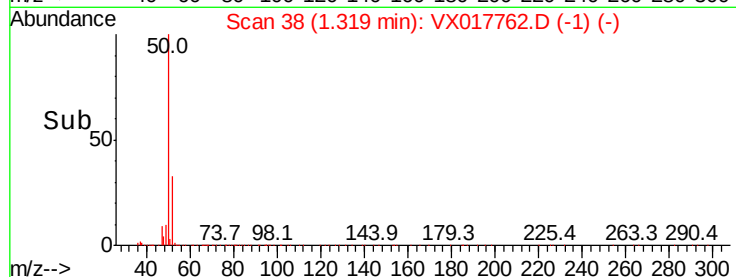
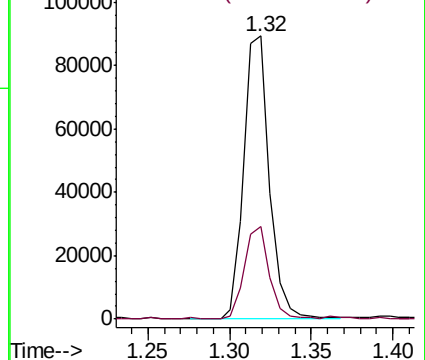
50 100

52 32.4 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.688 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017762.D

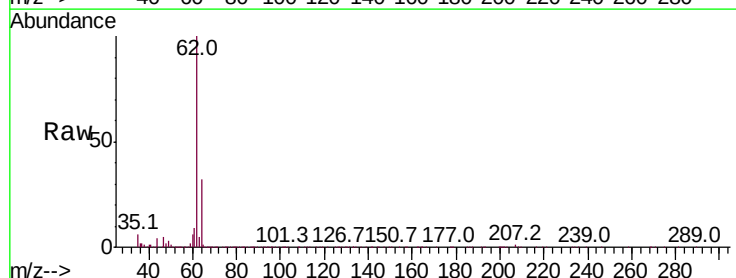
Acq: 04 Aug 2020 11:59

Tgt Ion: 62 Resp: 102932

Ion Ratio Lower Upper

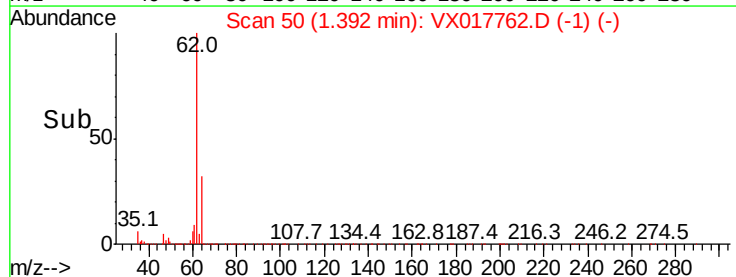
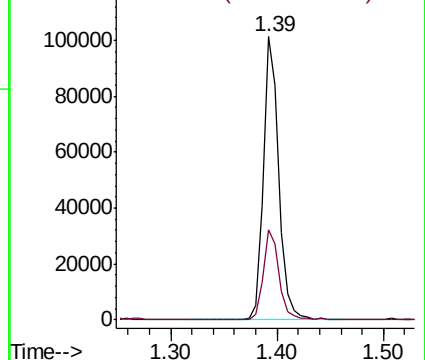
62 100

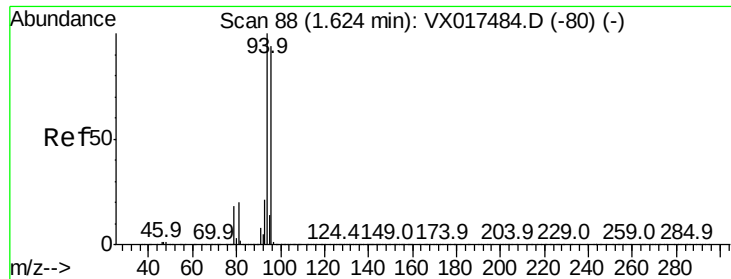
64 31.8 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

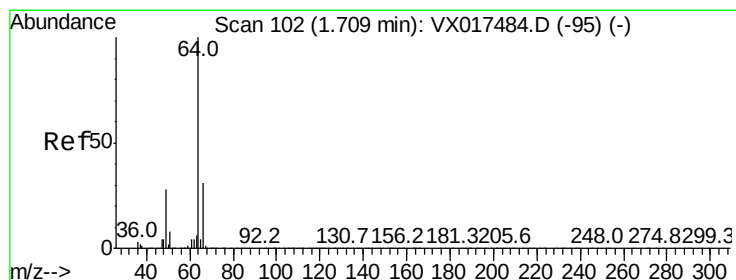
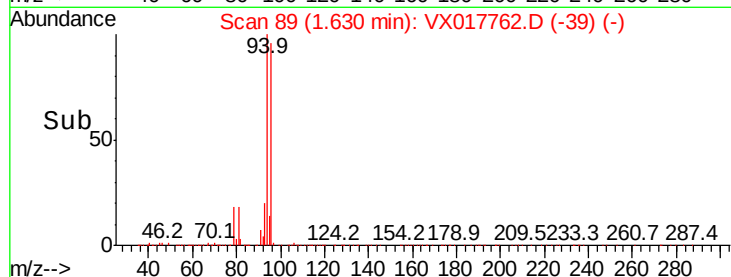
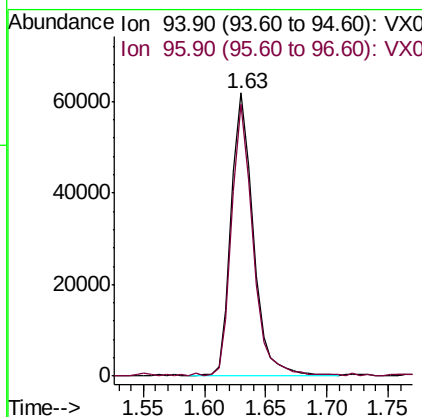
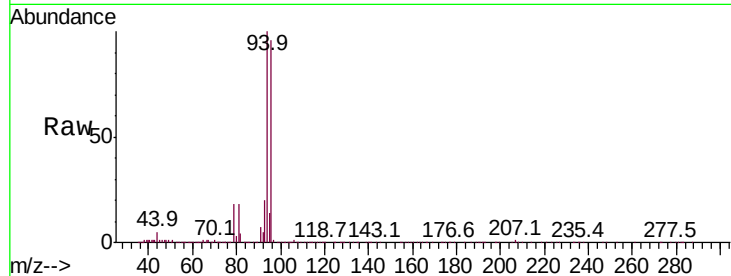




#5
Bromomethane
Concen: 21.385 ug/l
RT: 1.63 min Scan# 89
Delta R.T. 0.01 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

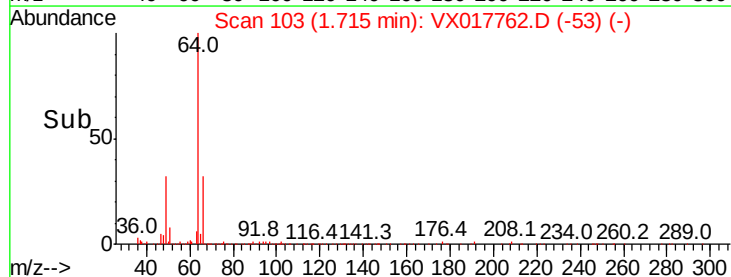
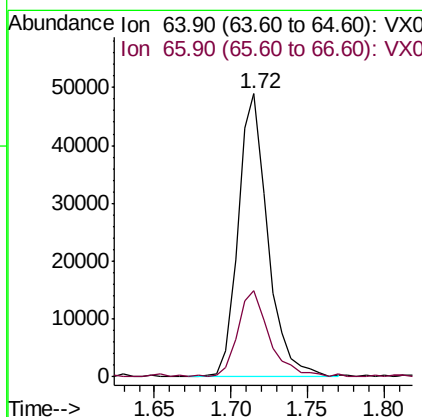
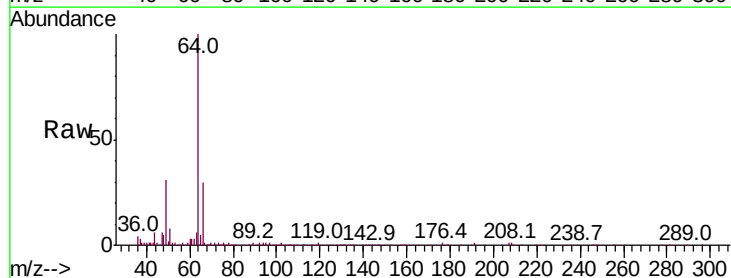
Instrument :
MSVOA_X
ClientSampleId :

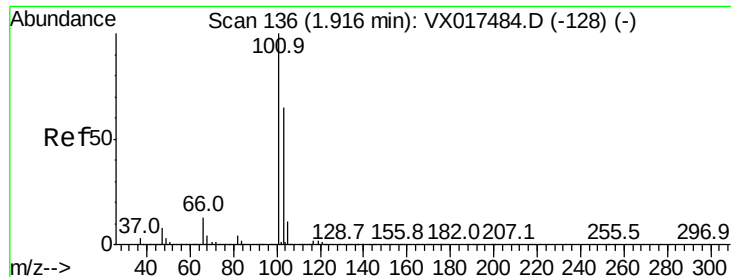
Tot Ion: 94 Resp: 76672
Ion Ratio Lower Upper
94 100
96 95.9 74.1 111.1



#6
Chloroethane
Concen: 18.684 ug/l
RT: 1.72 min Scan# 103
Delta R.T. 0.01 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Tgt Ion: 64 Resp: 65173
Ion Ratio Lower Upper
64 100
66 30.1 24.9 37.3



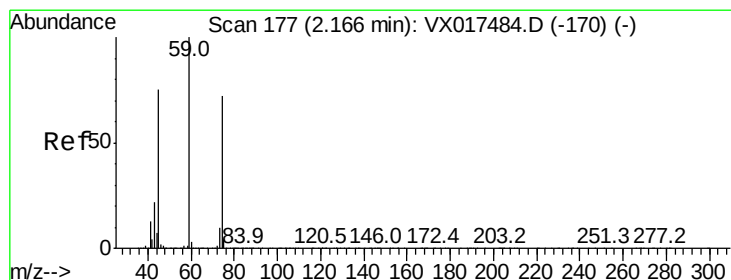
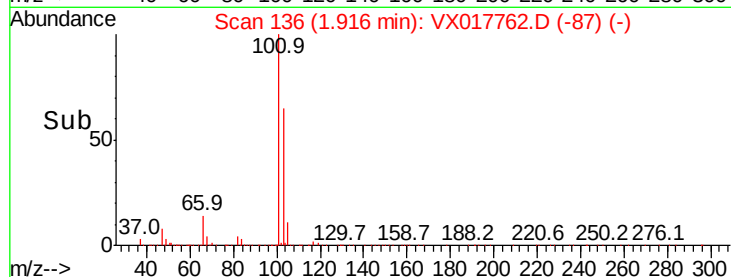
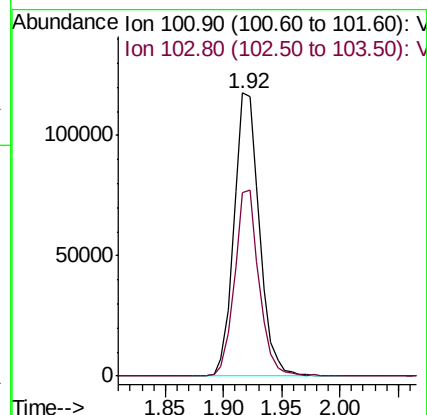
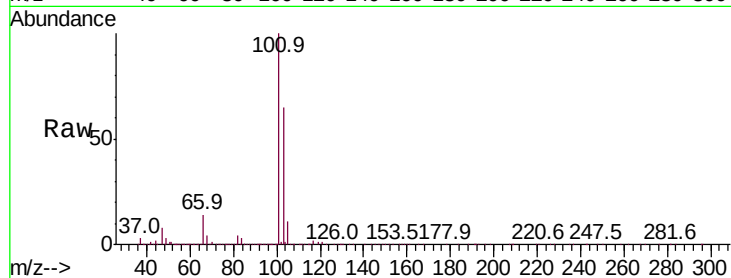


#7

Trichlorofluoromethane
Concen: 18.457 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :

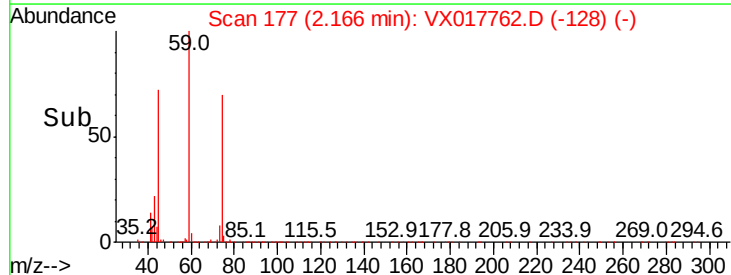
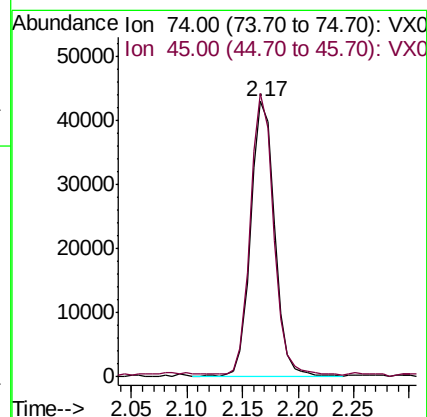
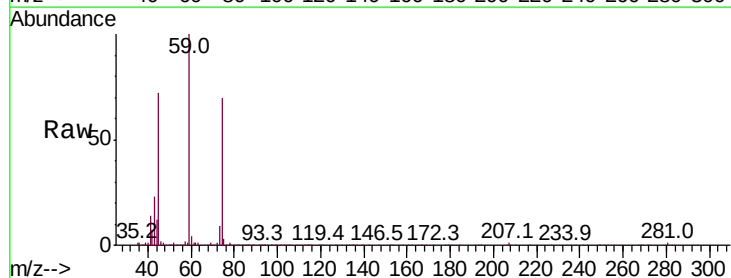
Tot Ion:101 Resp: 179054
Ion Ratio Lower Upper
101 100
103 64.9 51.8 77.8

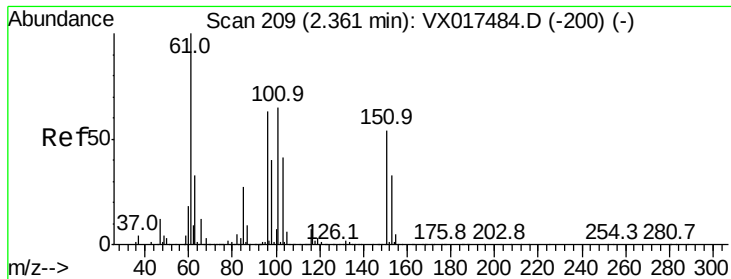


#8

Diethyl Ether
Concen: 19.618 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Tgt Ion: 74 Resp: 64307
Ion Ratio Lower Upper
74 100
45 99.3 50.8 152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.997 ug/l

RT: 2.37 min Scan# 211

Delta R.T. 0.01 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Instrument :

MSVOA_X

ClientSampleId :

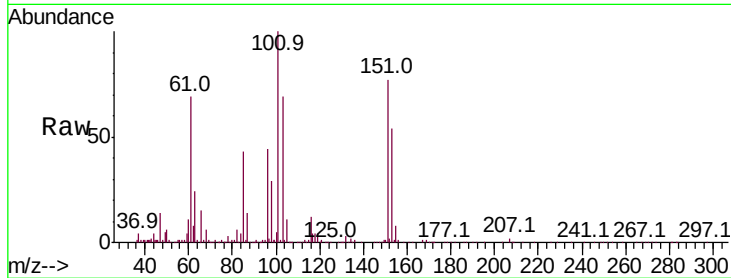
Tot Ion:101 Resp: 95813

Ion Ratio Lower Upper

101 100

85 44.4 34.8 52.2

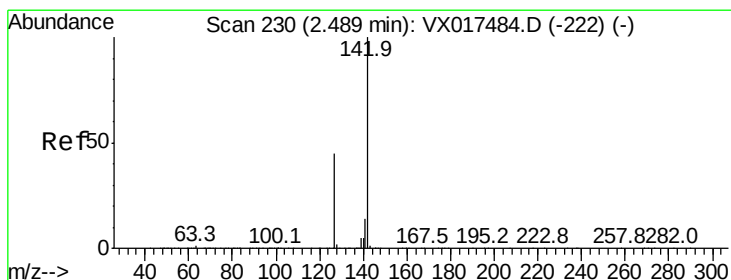
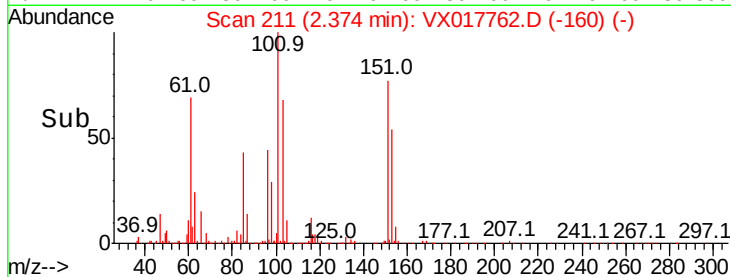
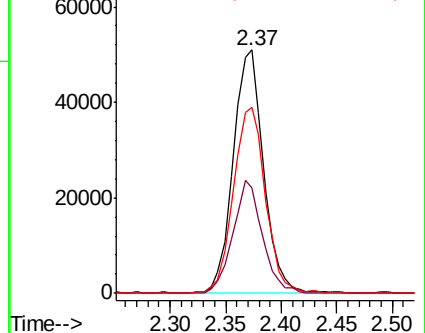
151 81.2 68.0 102.0



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: 16.919 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

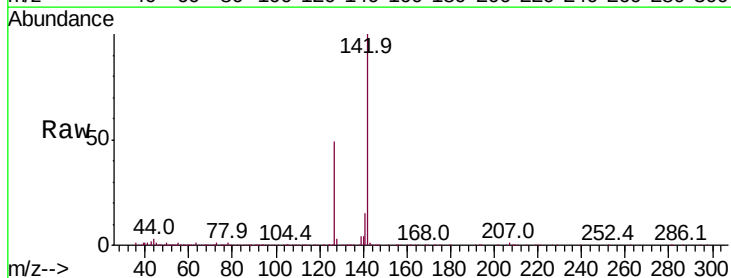
Tgt Ion:142 Resp: 115233

Ion Ratio Lower Upper

142 100

127 49.7 35.9 53.9

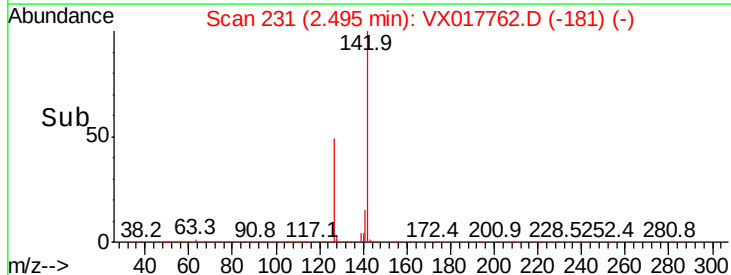
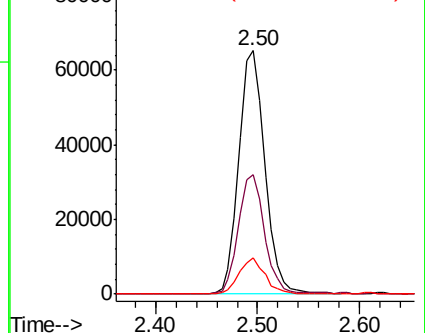
141 14.7 11.4 17.0

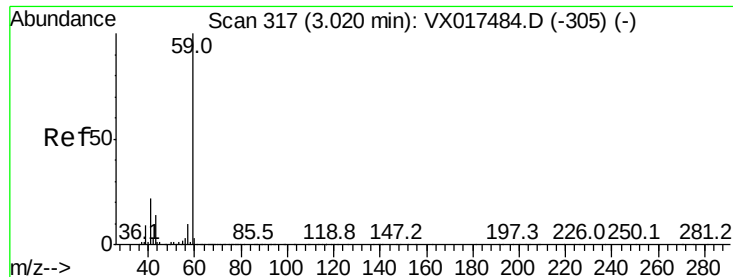


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



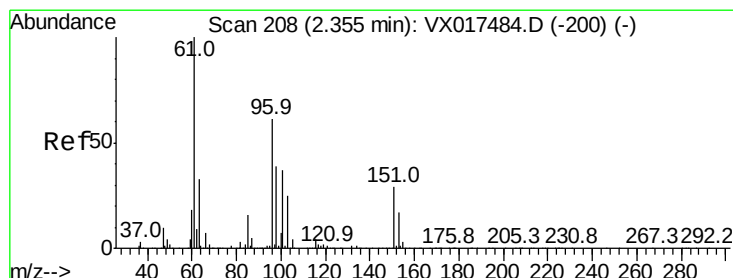
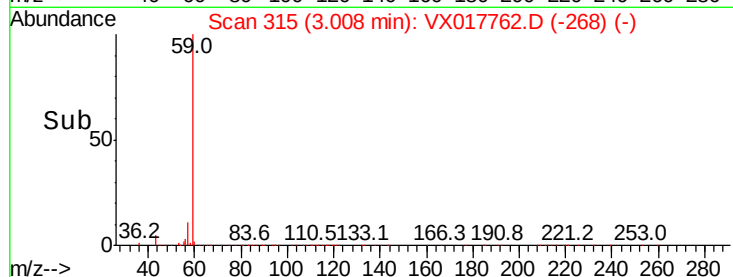
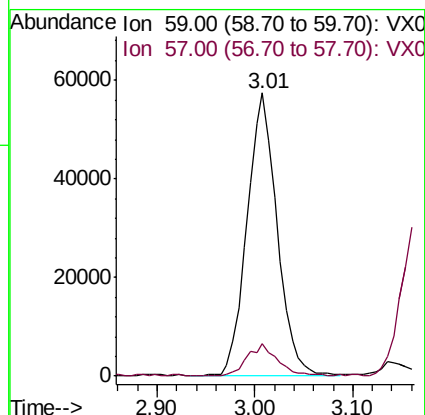
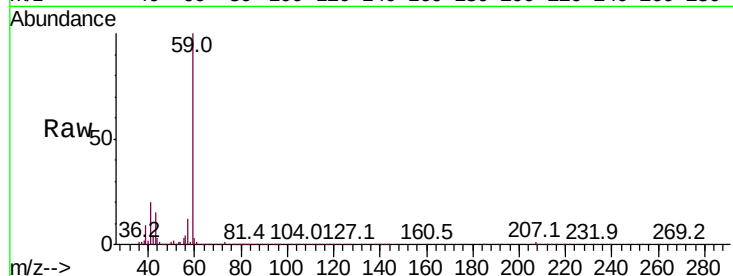


#11

Tert butyl alcohol
 Concen: 92.813 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX017762.D
 Acq: 04 Aug 2020 11:59

Instrument :
 MSVOA_X
 ClientSampleId :

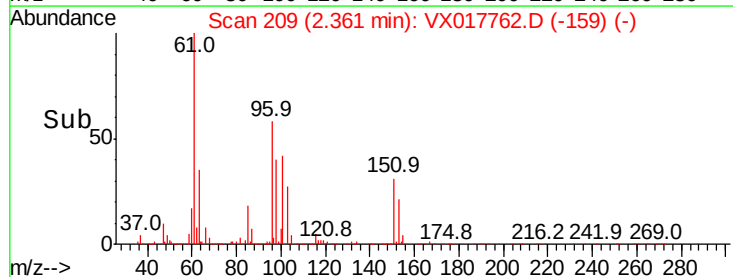
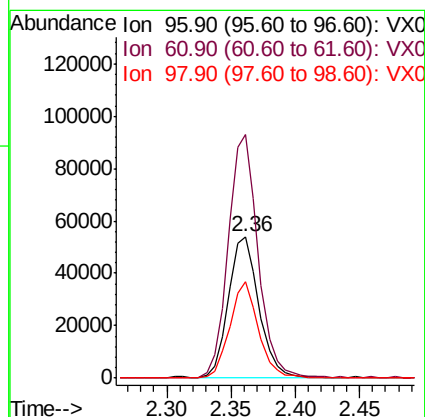
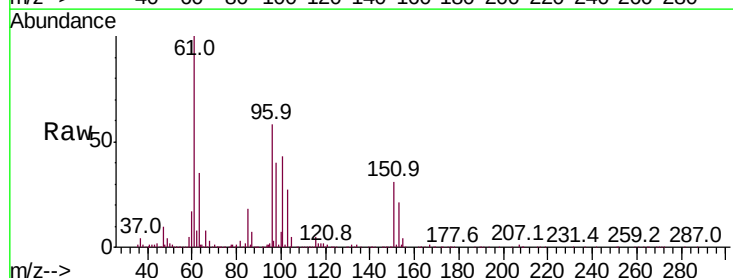
Tot Ion: 59 Resp: 123159
 Ion Ratio Lower Upper
 59 100
 57 11.7 8.6 12.8

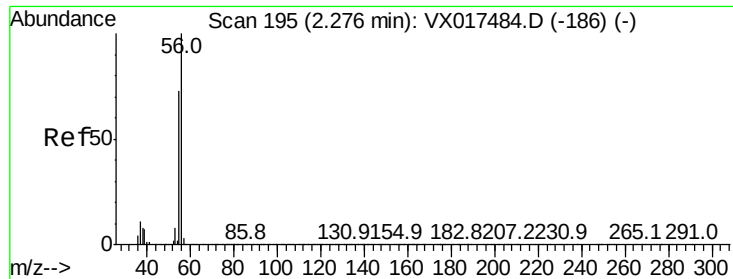


#12

1,1-Dichloroethene
 Concen: 17.616 ug/l
 RT: 2.36 min Scan# 209
 Delta R.T. 0.01 min
 Lab File: VX017762.D
 Acq: 04 Aug 2020 11:59

Tgt Ion: 96 Resp: 89183
 Ion Ratio Lower Upper
 96 100
 61 172.3 134.0 201.0
 98 68.1 51.0 76.4





#13

Acrolein

Concen: 62.637 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Instrument :

MSVOA_X

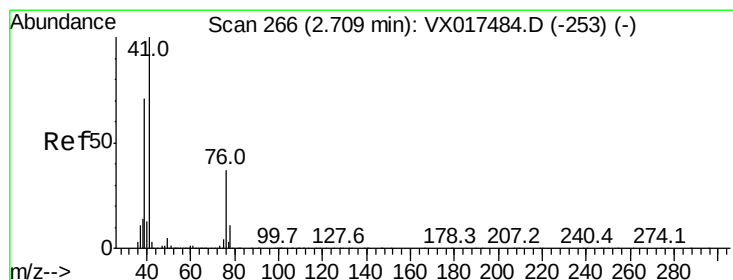
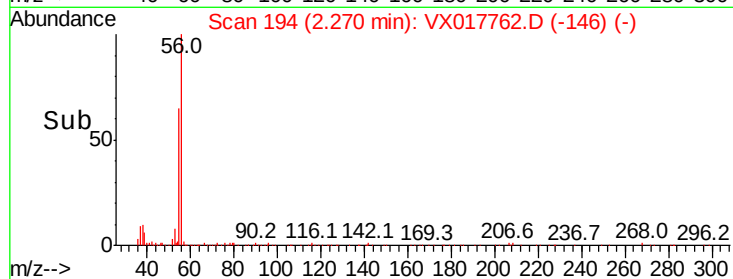
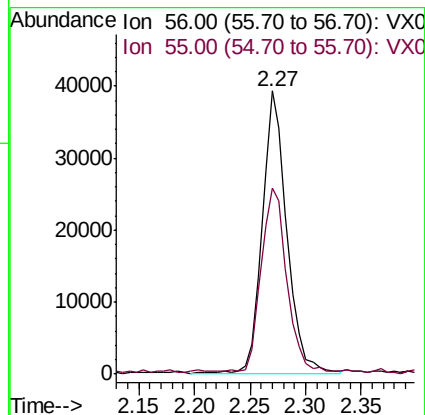
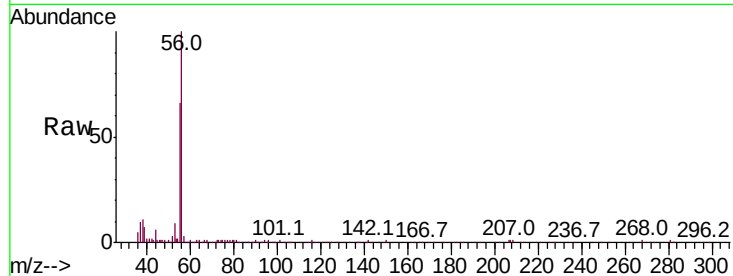
ClientSampleId :

Tot Ion: 56 Resp: 60256

Ion Ratio Lower Upper

56 100

55 67.3 57.4 86.2



#14

Allyl chloride

Concen: 19.400 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

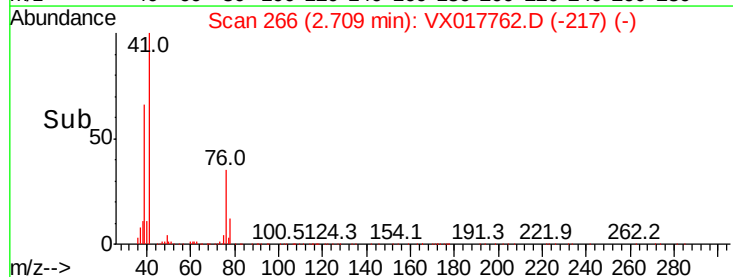
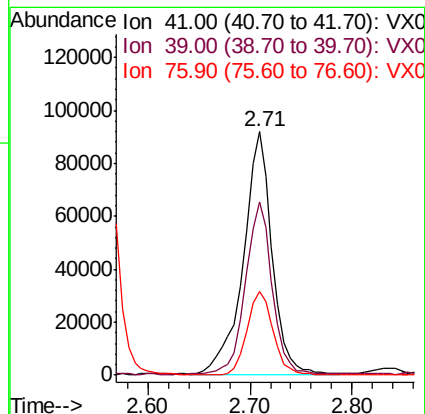
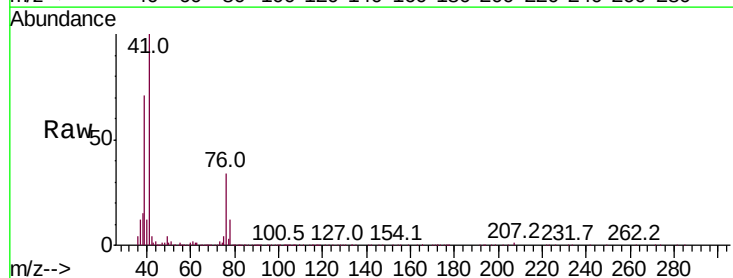
Tgt Ion: 41 Resp: 179340

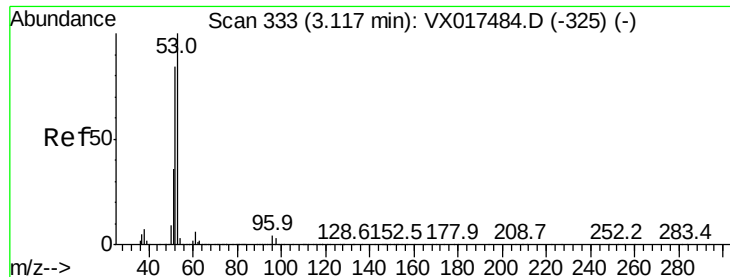
Ion Ratio Lower Upper

41 100

39 66.1 51.9 77.9

76 30.9 25.5 38.3





#15

Acrylonitrile

Concen: 92.093 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Instrument :

MSVOA_X

ClientSampleId :

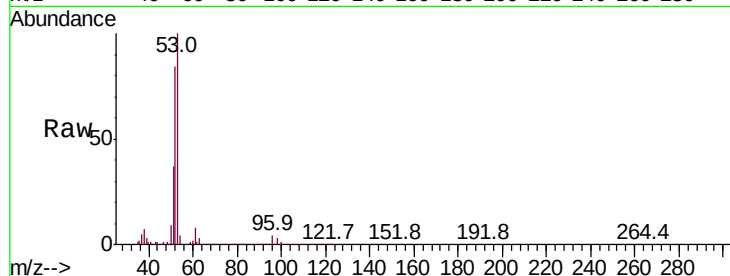
Tot Ion: 53 Resp: 263946

Ion Ratio Lower Upper

53 100

52 83.9 66.6 99.8

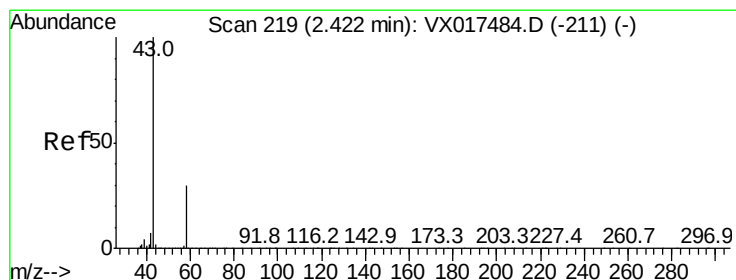
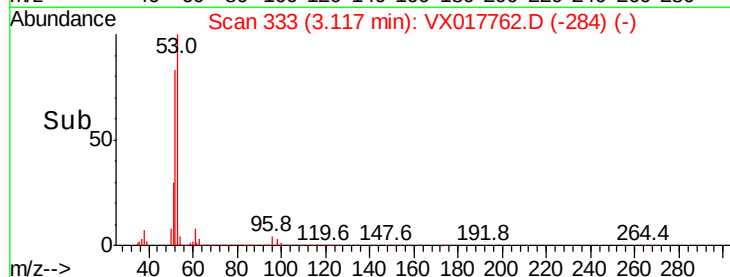
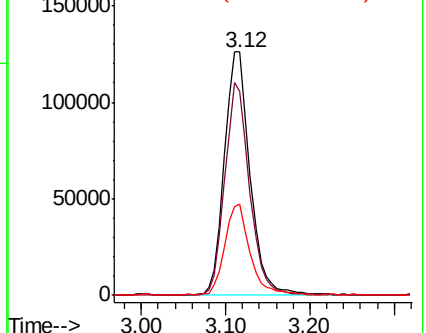
51 36.7 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 97.762 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017762.D

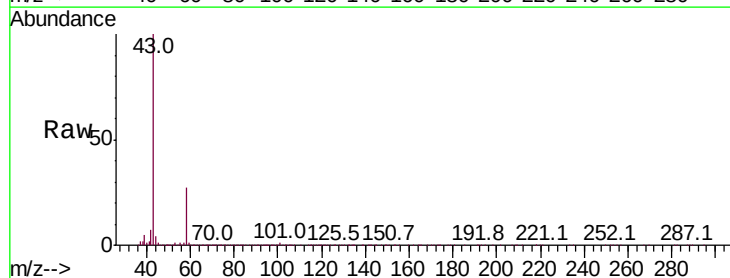
Acq: 04 Aug 2020 11:59

Tgt Ion: 43 Resp: 270912

Ion Ratio Lower Upper

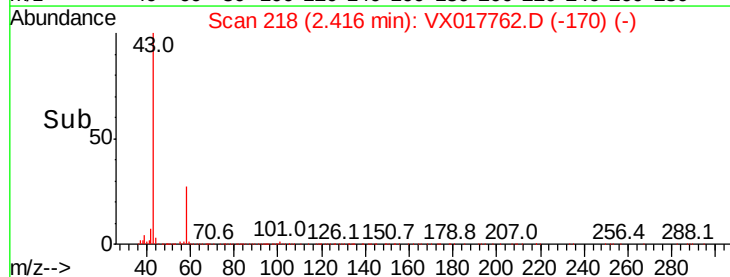
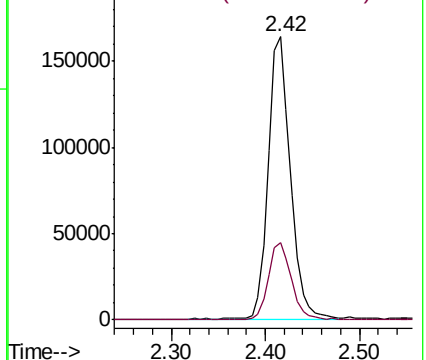
43 100

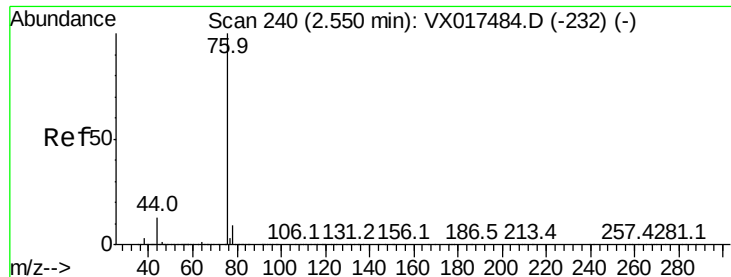
58 26.9 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 15.743 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Instrument :

MSVOA_X

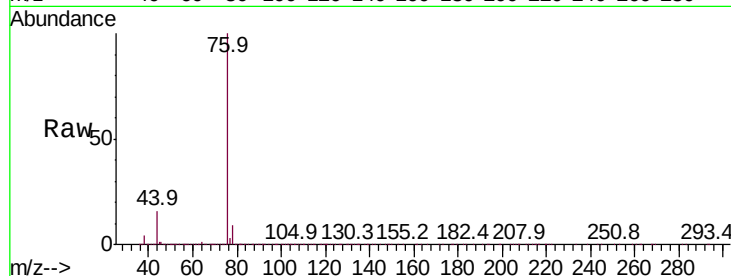
ClientSampleId :

Tot Ion: 76 Resp: 242258

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

150000

100000

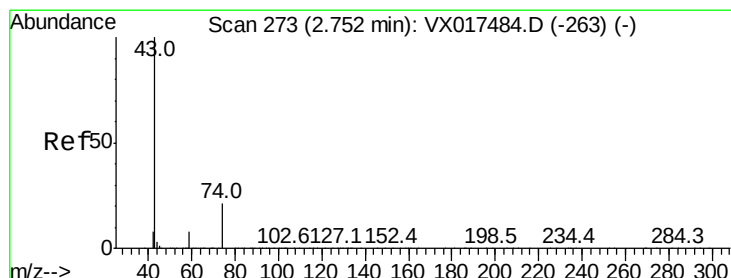
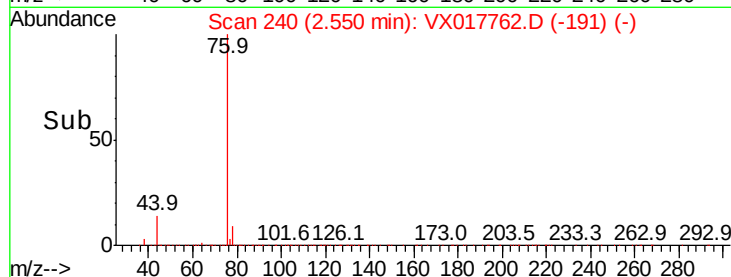
50000

0

Time-->

2.50

2.60



#18

Methyl Acetate

Concen: 21.009 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017762.D

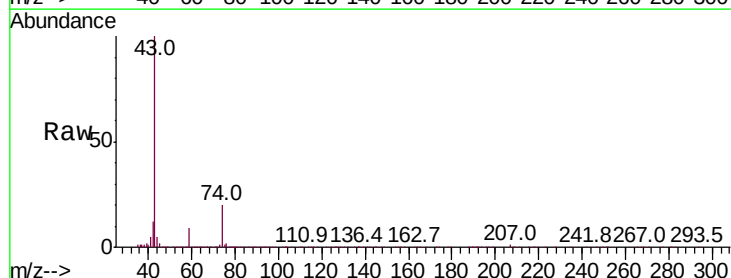
Acq: 04 Aug 2020 11:59

Tgt Ion: 43 Resp: 137111

Ion Ratio Lower Upper

43 100

74 23.2 17.5 26.3



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

Time-->

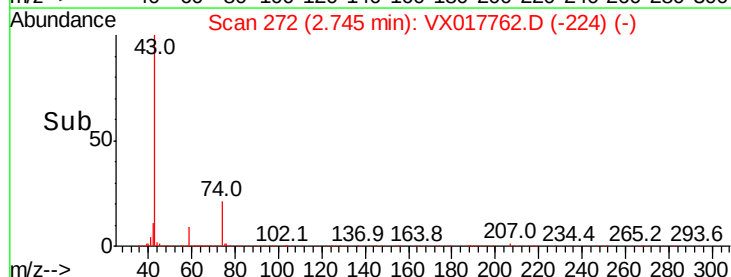
2.65

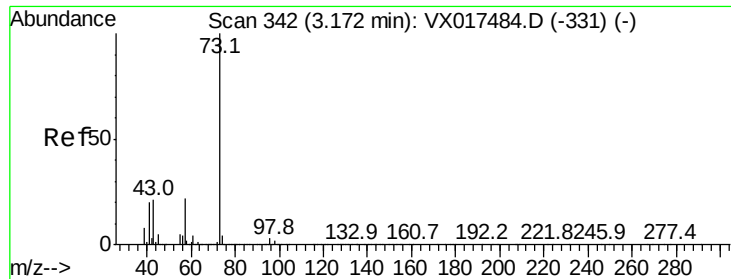
2.70

2.75

2.80

2.85

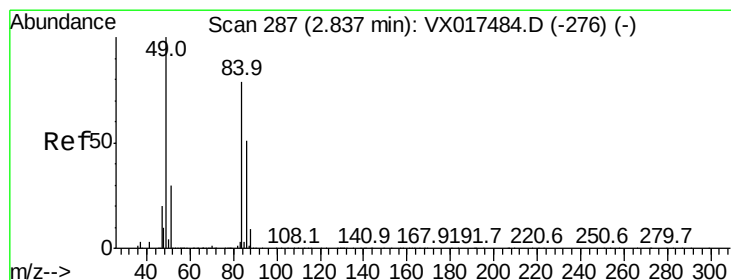
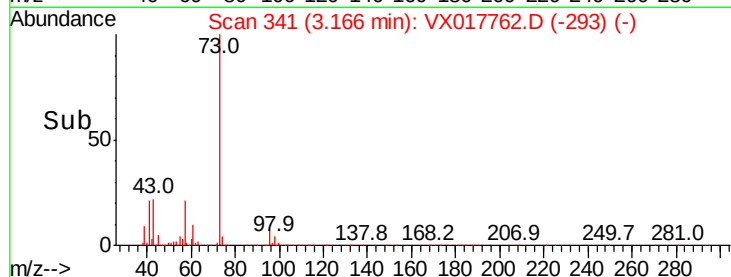
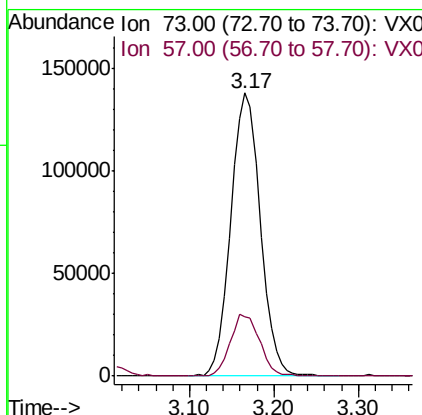
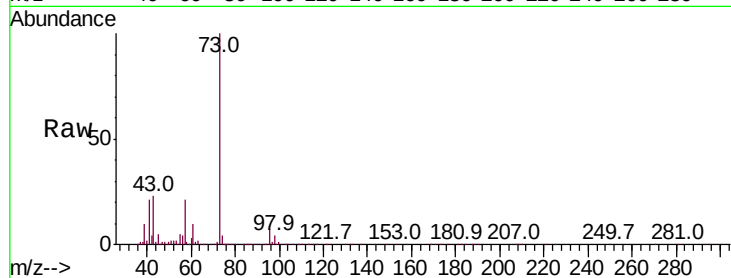




#19
Methyl tert-butyl Ether
Concen: 18.677 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

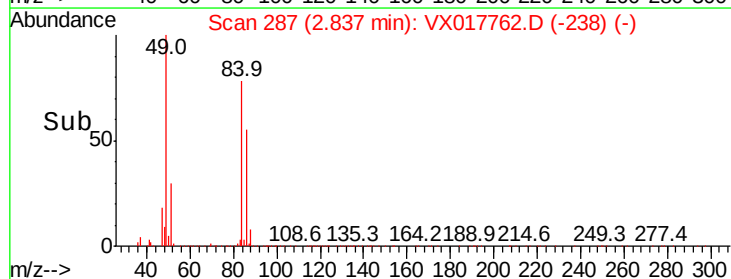
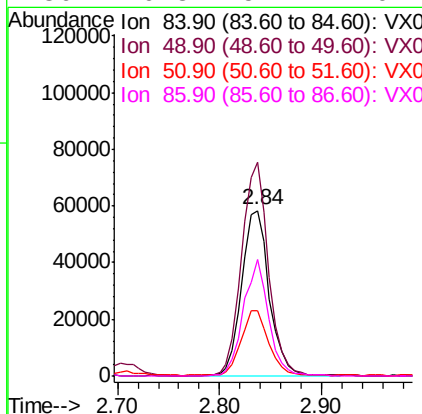
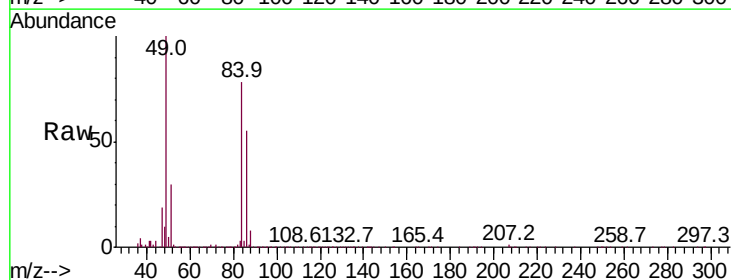
Instrument :
MSVOA_X
ClientSampleId :

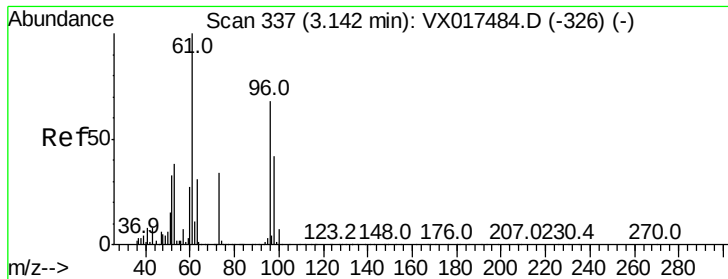
Tot Ion: 73 Resp: 327269
Ion Ratio Lower Upper
73 100
57 21.0 17.0 25.4



#20
Methylene Chloride
Concen: 20.276 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Tgt Ion: 84 Resp: 109808
Ion Ratio Lower Upper
84 100
49 128.8 100.3 150.5
51 38.6 30.5 45.7
86 70.3 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 17.348 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :

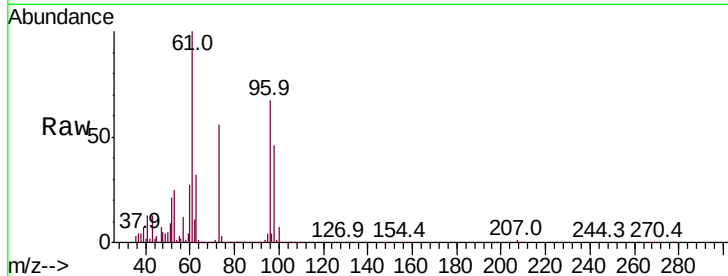
Tot Ion: 96 Resp: 94088

Ion Ratio Lower Upper

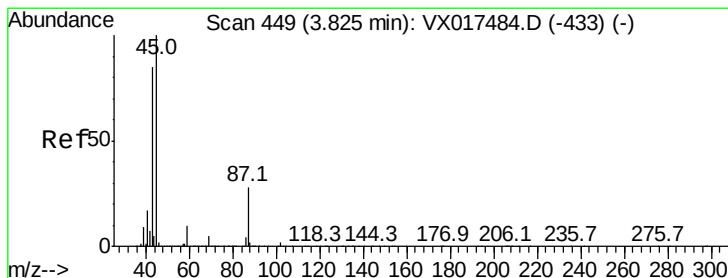
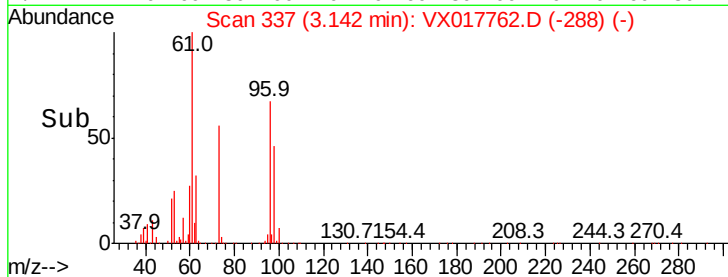
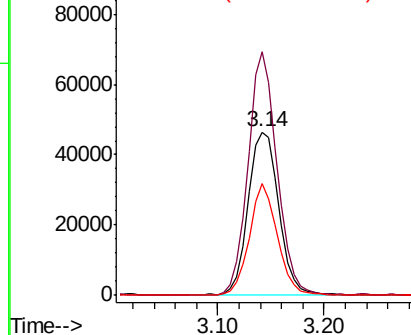
96 100

61 149.0 113.0 169.4

98 68.6 51.8 77.8



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: 20.055 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Tgt Ion: 45 Resp: 338987

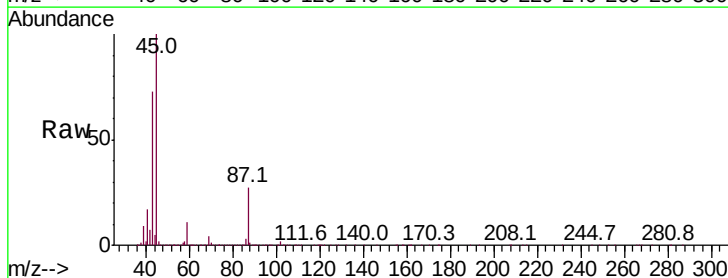
Ion Ratio Lower Upper

45 100

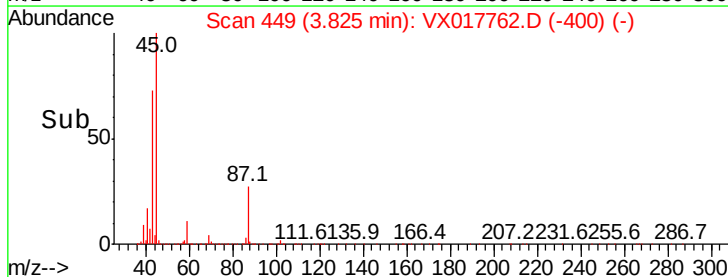
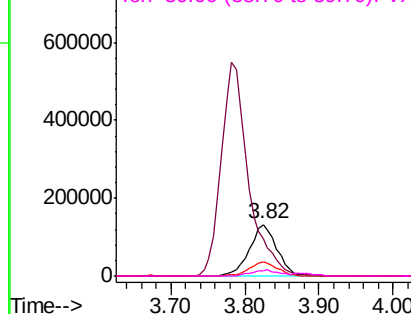
43 73.0 52.0 78.0

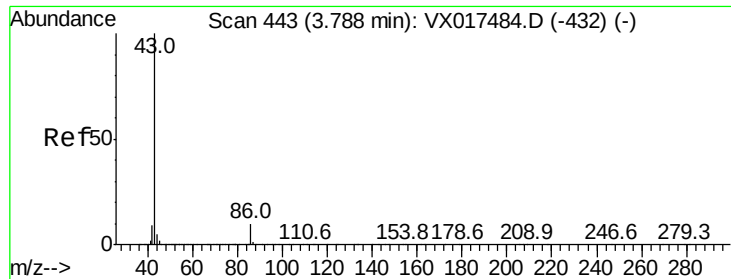
87 26.6 22.2 33.4

59 10.5 8.9 13.3



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: 93.322 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Instrument :

MSVOA_X

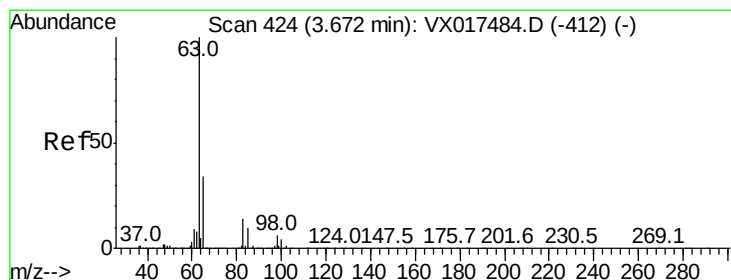
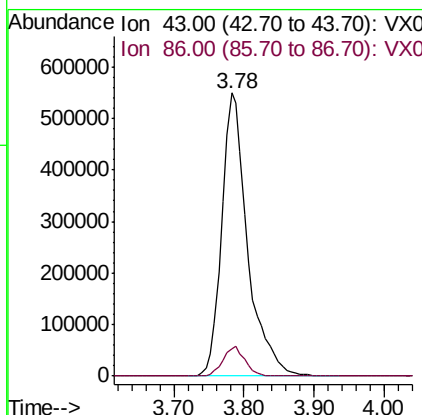
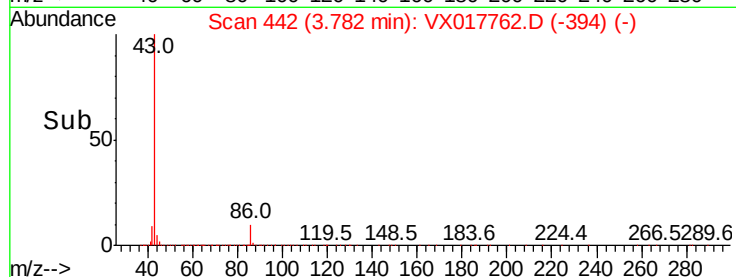
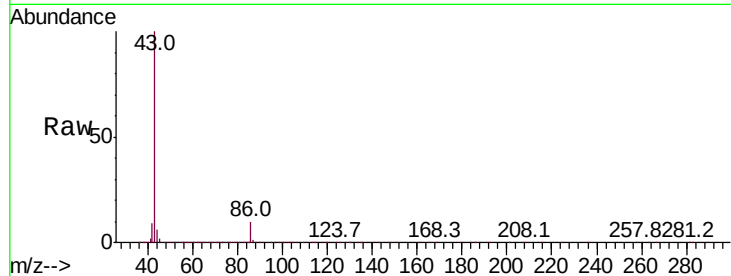
ClientSampleId :

Tot Ion: 43 Resp: 1406455

Ion Ratio Lower Upper

43 100

86 9.6 8.2 12.4



#24

1,1-Dichloroethane

Concen: 18.339 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

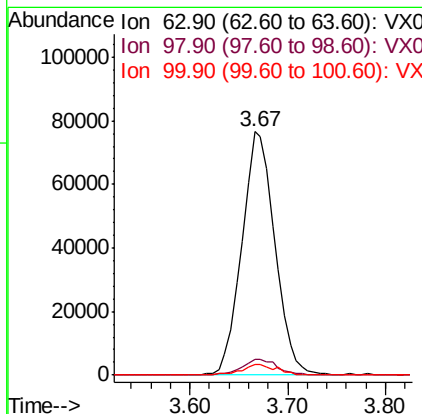
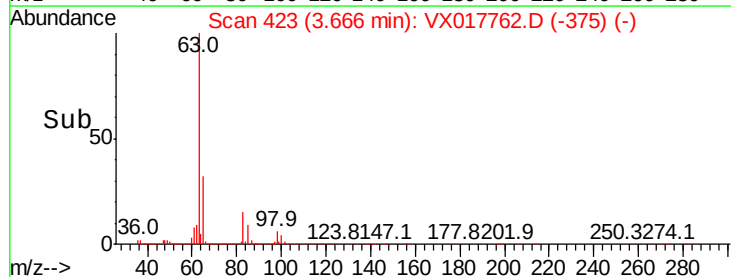
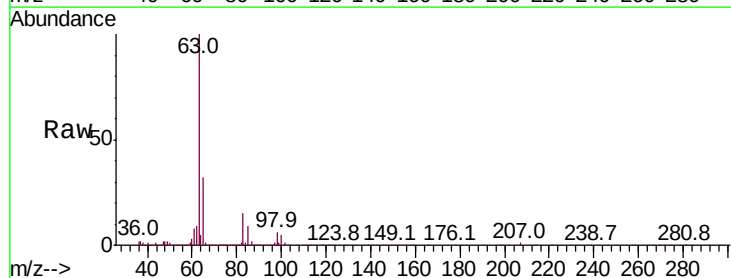
Tgt Ion: 63 Resp: 178562

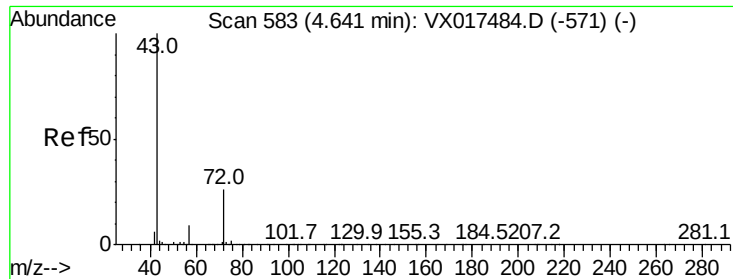
Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.1

100 4.6 1.9 5.7

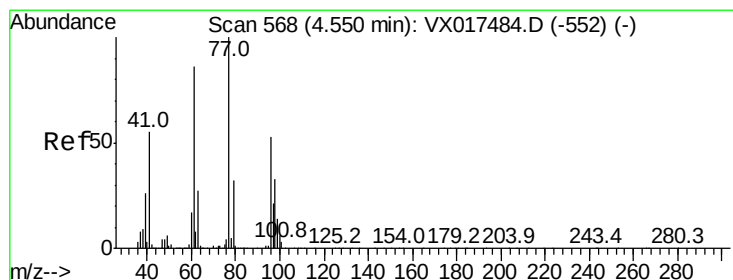
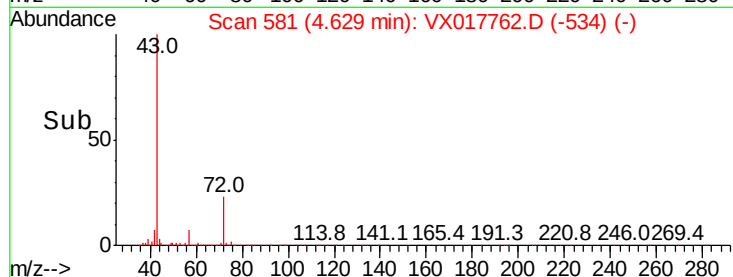
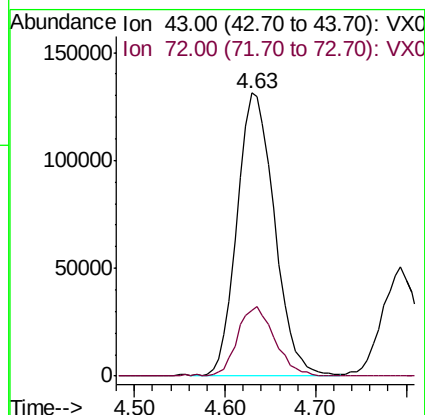
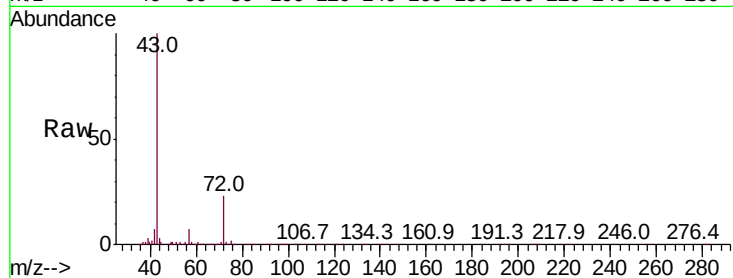




#25
2-Butanone
Concen: 95.008 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

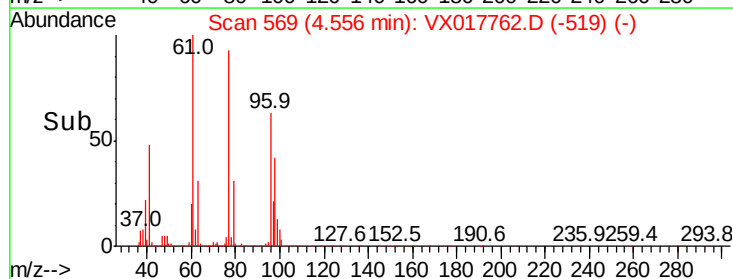
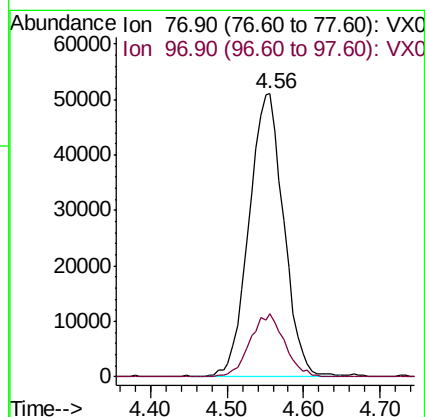
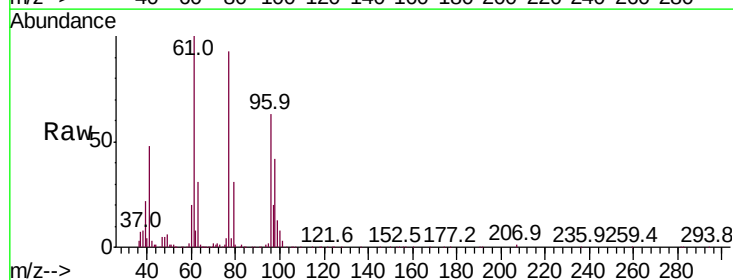
Instrument :
MSVOA_X
ClientSampleId :

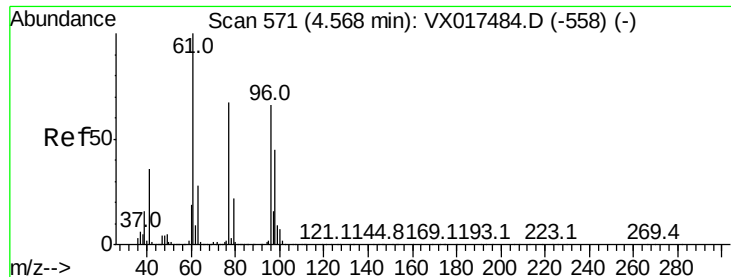
Tot Ion: 43 Resp: 374017
Ion Ratio Lower Upper
43 100
72 23.1 19.0 28.4



#26
2,2-Dichloropropane
Concen: 18.506 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Tgt Ion: 77 Resp: 161297
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.9



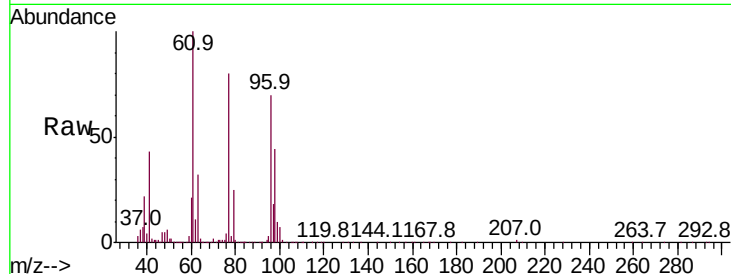


#27

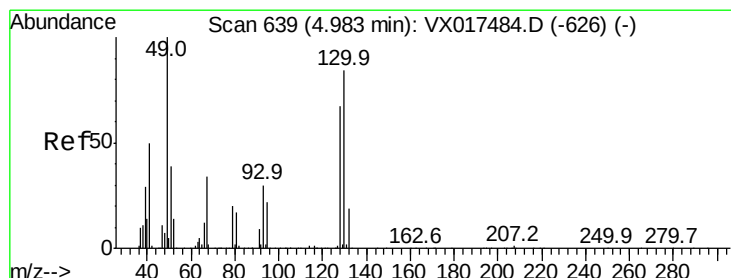
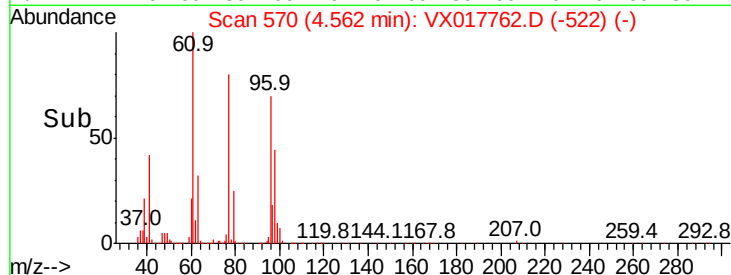
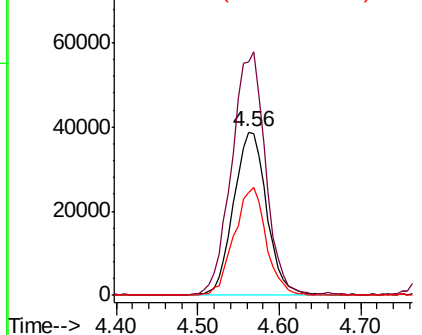
cis-1,2-Dichloroethene
 Concen: 18.611 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX017762.D
 Acq: 04 Aug 2020 11:59

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	96	Resp	109635
Ion	Ratio	Lower	Upper
96	100		
61	150.3	0.0	301.2
98	62.8	0.0	130.0



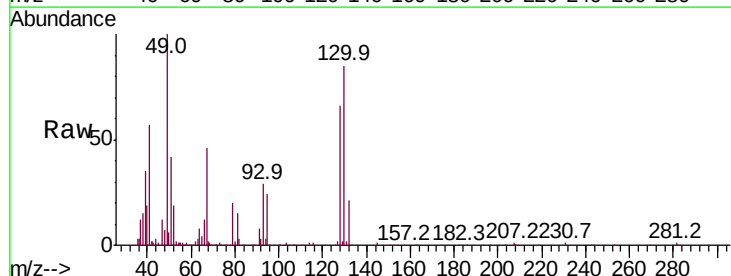
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



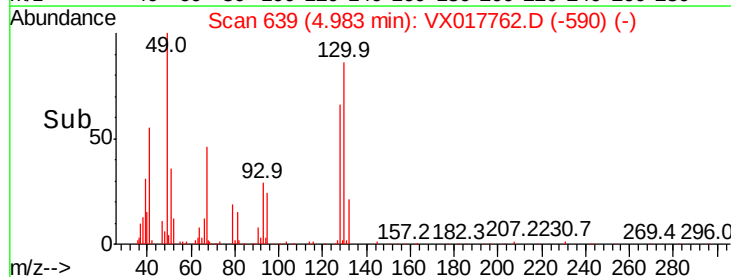
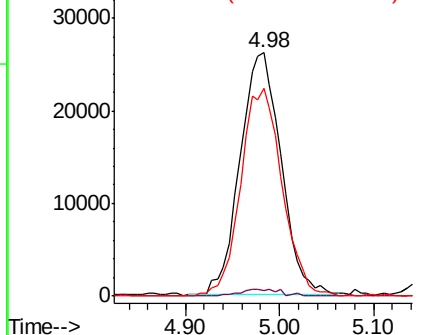
#28

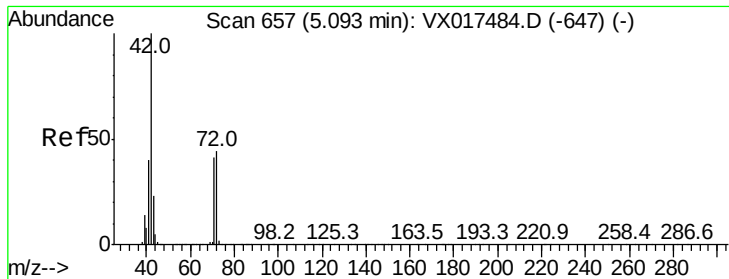
Bromochloromethane
 Concen: 17.913 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX017762.D
 Acq: 04 Aug 2020 11:59

Tgt Ion	49	Resp	79041
Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.6
130	87.0	66.7	100.1



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

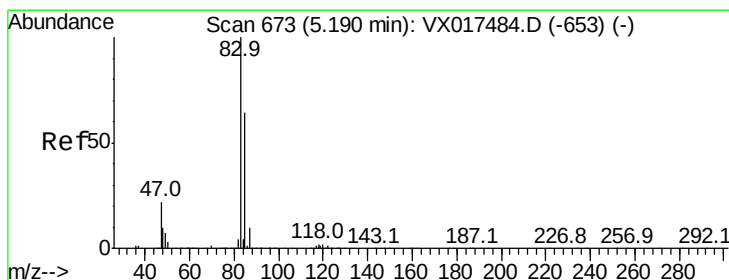
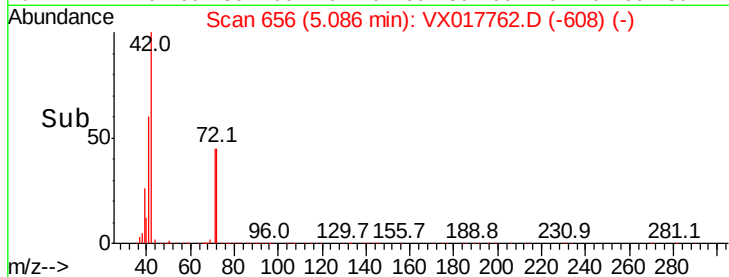
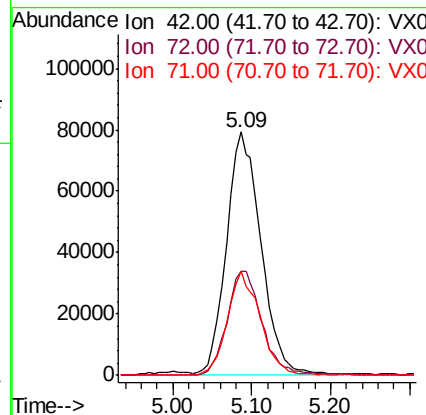
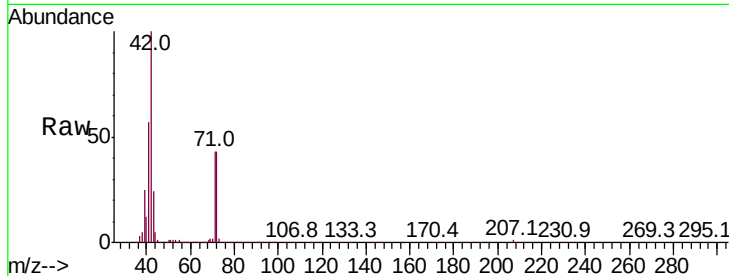




#29
Tetrahydrofuran
Concen: 97.867 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

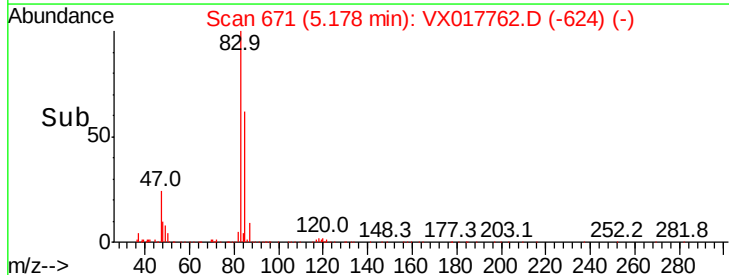
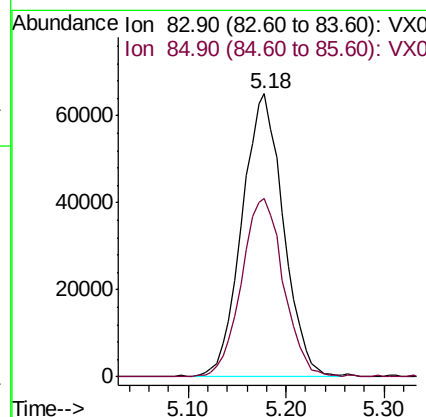
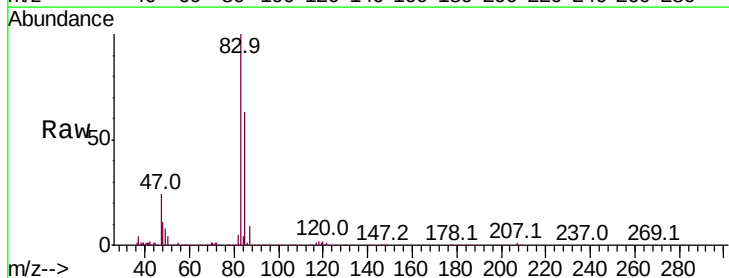
Instrument :
MSVOA_X
ClientSampled :

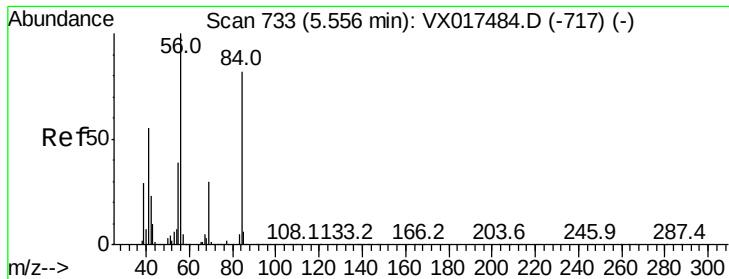
Tot Ion: 42 Resp: 238648
Ion Ratio Lower Upper
42 100
72 44.2 35.5 53.3
71 41.0 33.0 49.4



#30
Chloroform
Concen: 19.183 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Tgt Ion: 83 Resp: 190850
Ion Ratio Lower Upper
83 100
85 62.9 51.4 77.2

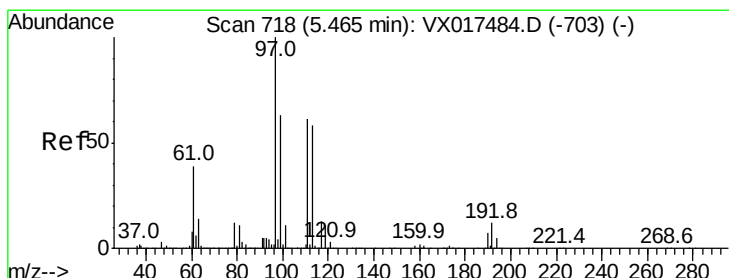
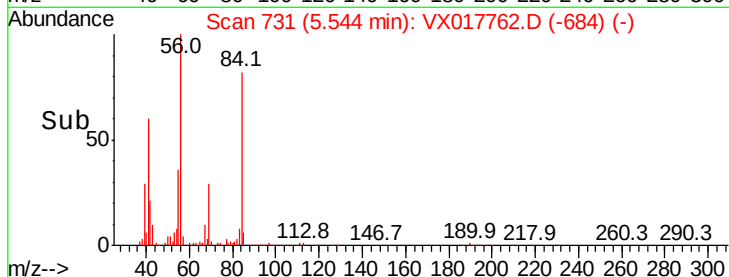
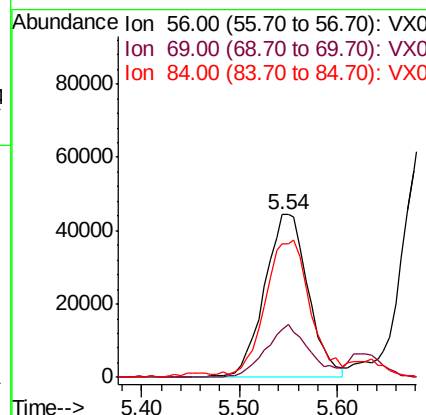
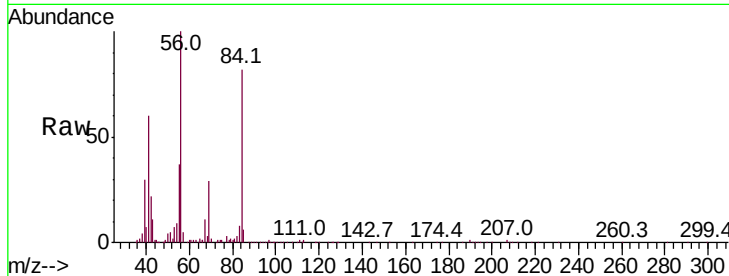




#31
Cyclohexane
Concen: 17.862 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

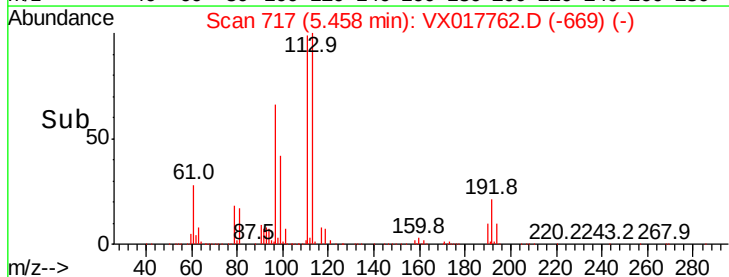
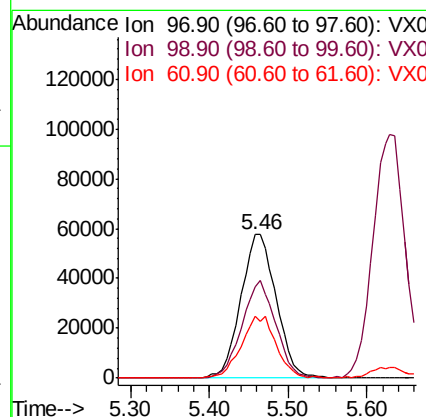
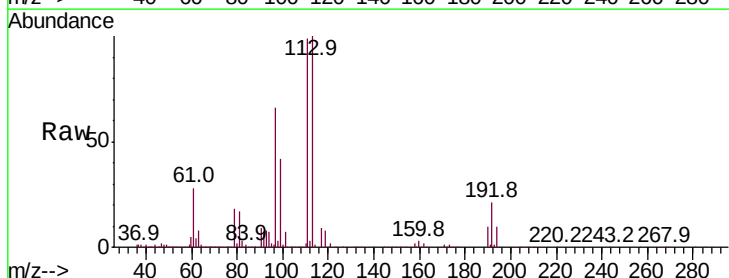
Instrument :
MSVOA_X
ClientSampleId :

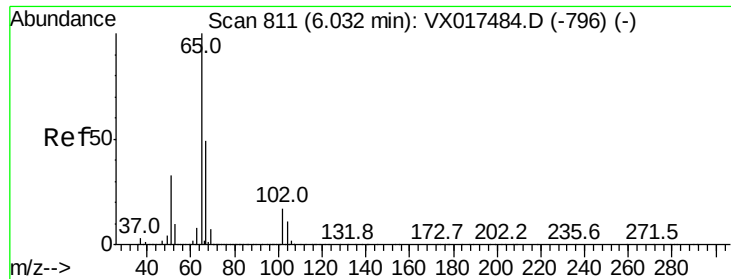
Tot Ion: 56 Resp: 138695
Ion Ratio Lower Upper
56 100
69 28.8 24.2 36.4
84 79.4 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 19.143 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Tgt Ion: 97 Resp: 179597
Ion Ratio Lower Upper
97 100
99 64.6 51.9 77.9
61 41.9 34.1 51.1





#33

1,2-Dichloroethane-d4

Concen: 52.619 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Instrument :

MSVOA_X

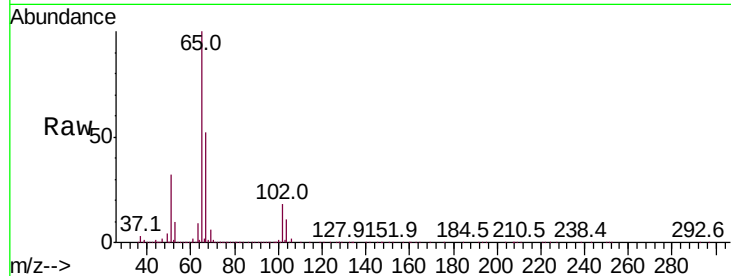
ClientSampled :

Tot Ion: 65 Resp: 331295

Ion Ratio Lower Upper

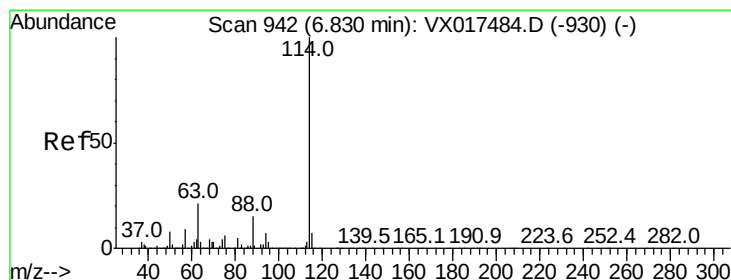
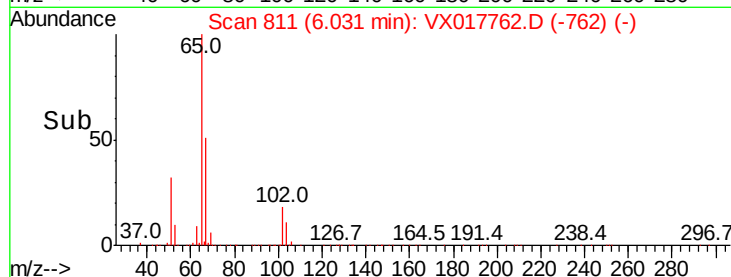
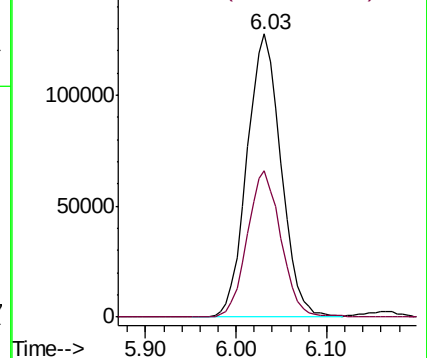
65 100

67 51.0 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

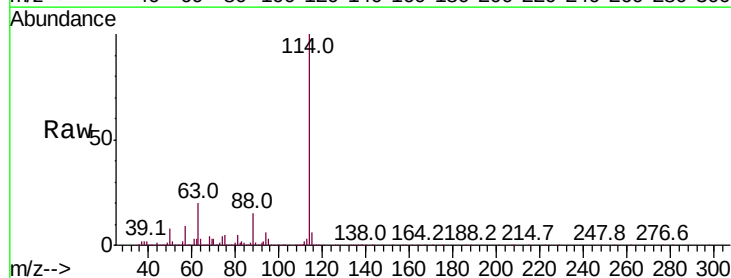
Tgt Ion: 114 Resp: 748407

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.6

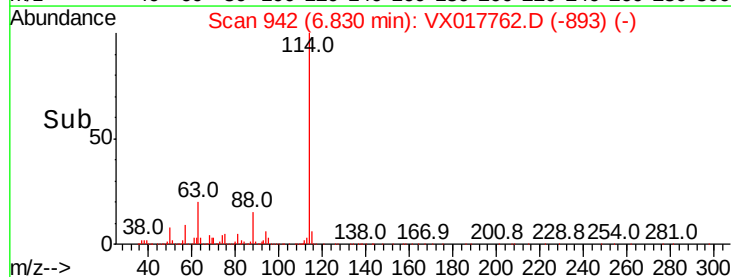
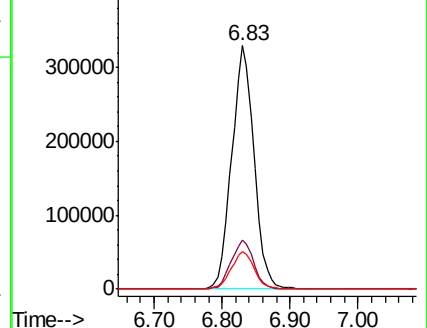
88 15.2 0.0 33.4

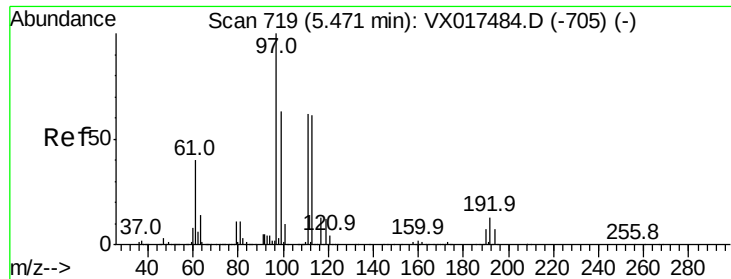


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.696 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Instrument :
MSVOA_X
ClientSampleId :

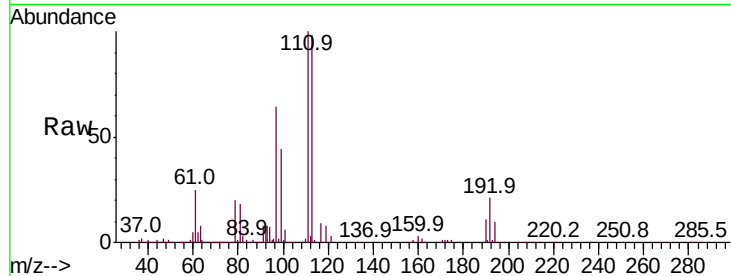
Tot Ion:113 Resp: 258760

Ion Ratio Lower Upper

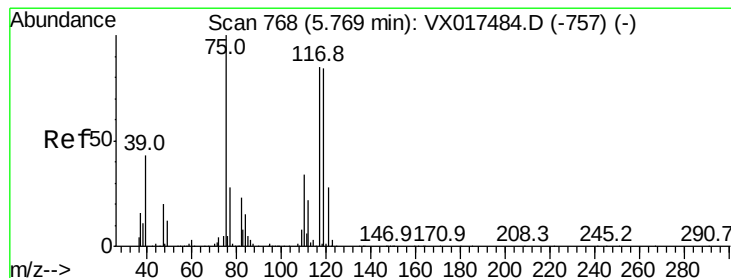
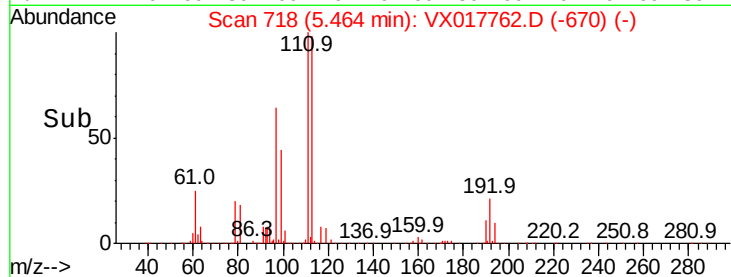
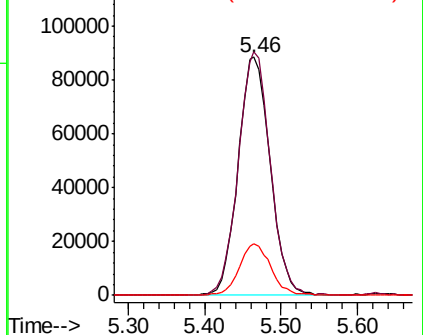
113 100

111 101.1 80.7 121.1

192 21.2 16.9 25.3



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.168 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

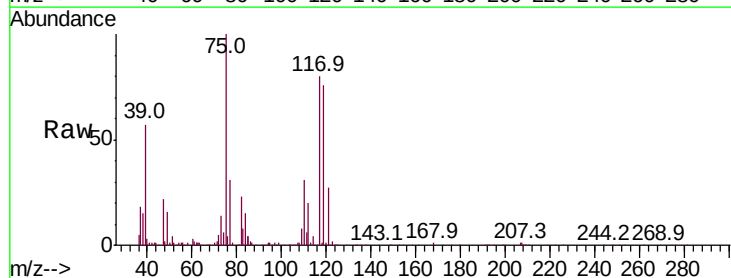
Tgt Ion: 75 Resp: 130405

Ion Ratio Lower Upper

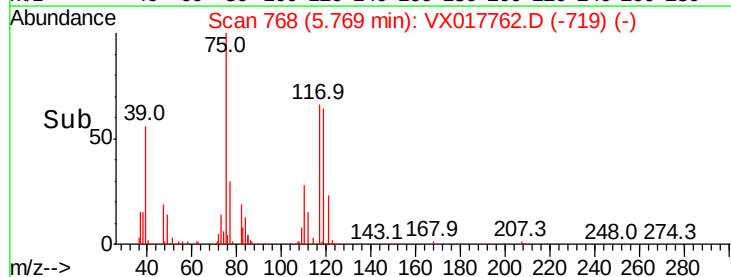
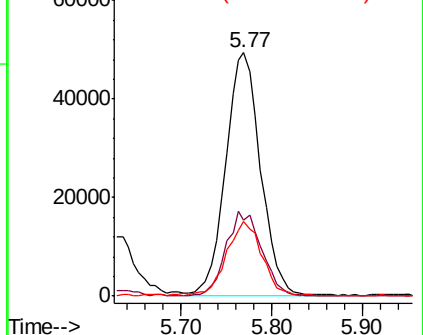
75 100

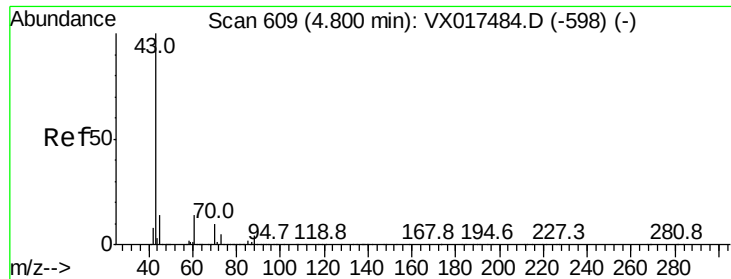
110 35.9 18.1 54.3

77 31.6 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

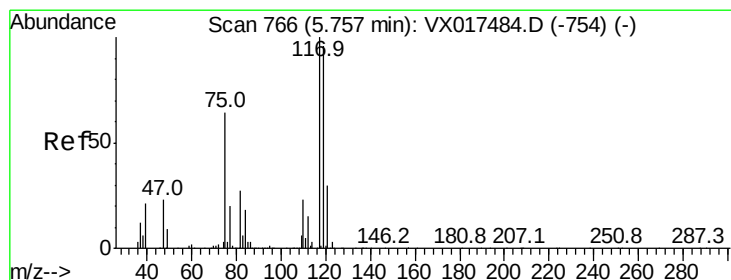
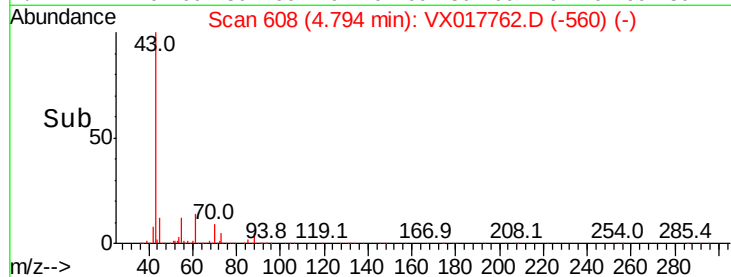
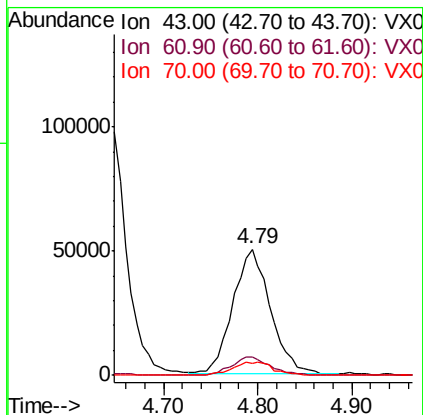
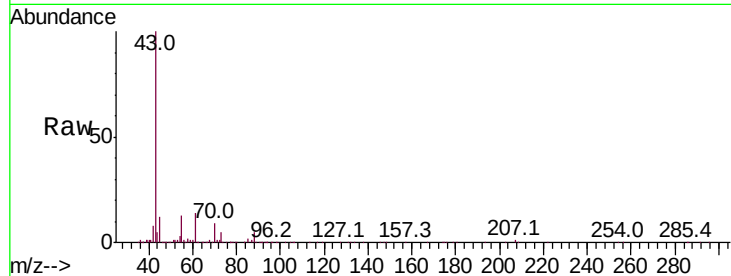




#37
Ethyl Acetate
Concen: 17.901 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

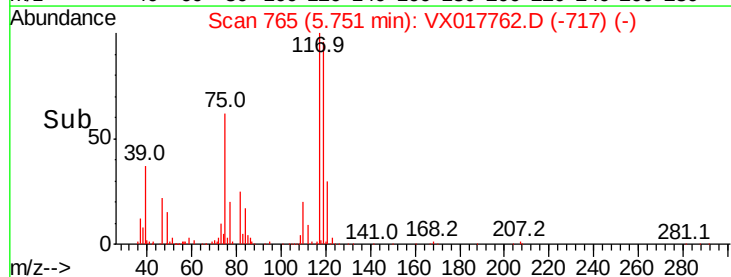
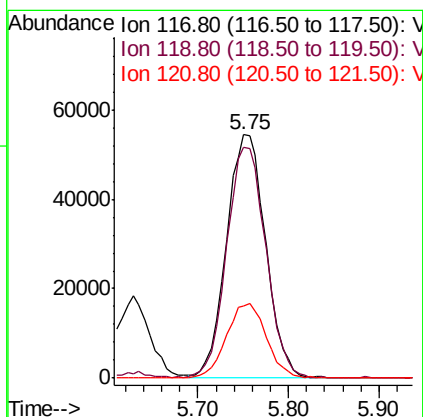
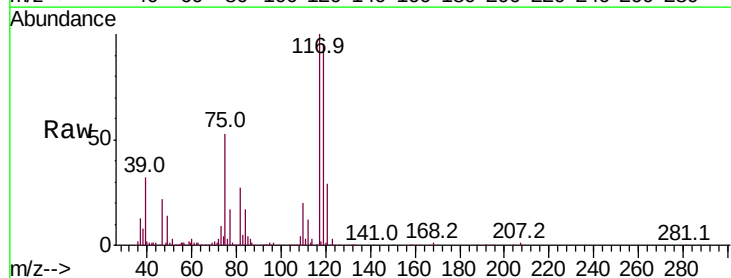
Instrument :
MSVOA_X
ClientSampleId :

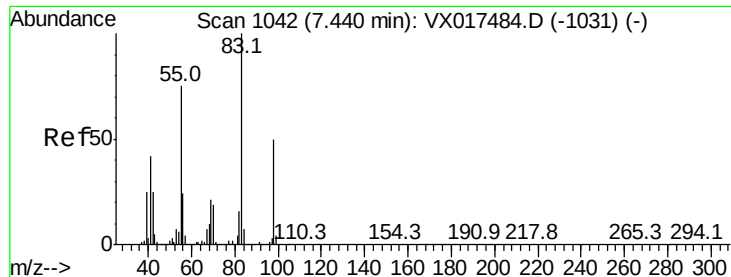
Tot Ion: 43 Resp: 140591
Ion Ratio Lower Upper
43 100
61 14.8 10.7 16.1
70 11.3 8.5 12.7



#38
Carbon Tetrachloride
Concen: 18.629 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Tgt Ion: 117 Resp: 162381
Ion Ratio Lower Upper
117 100
119 95.0 75.4 113.0
121 29.5 24.3 36.5

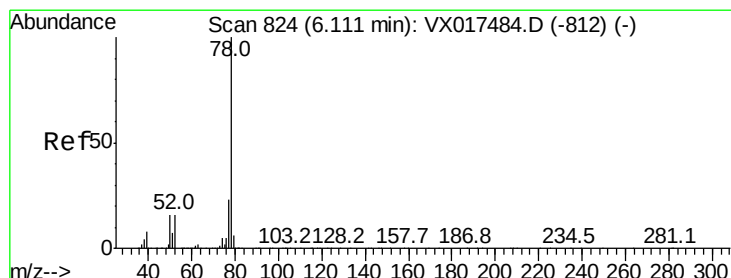
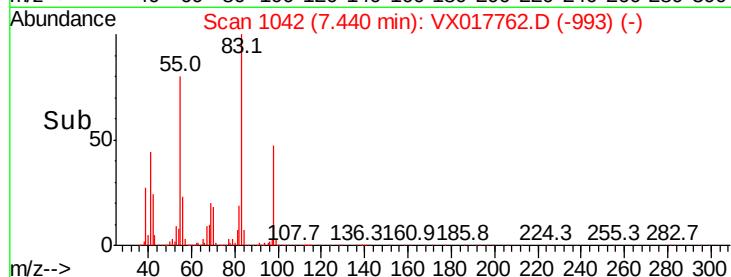
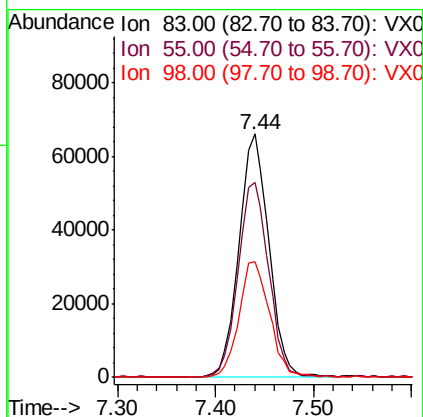
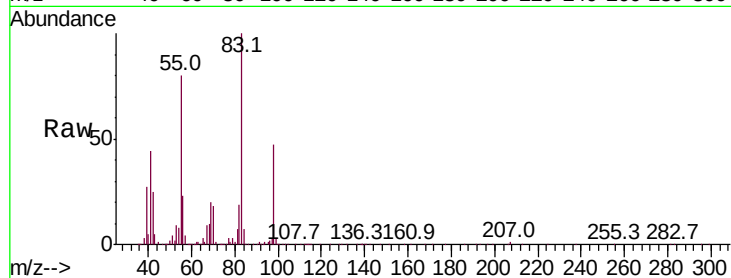




#39
Methvlcvclohexane
Concen: 16.676 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

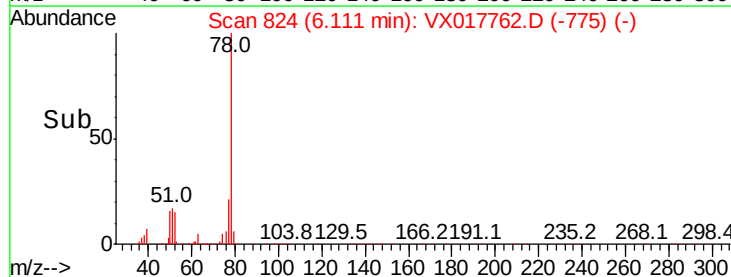
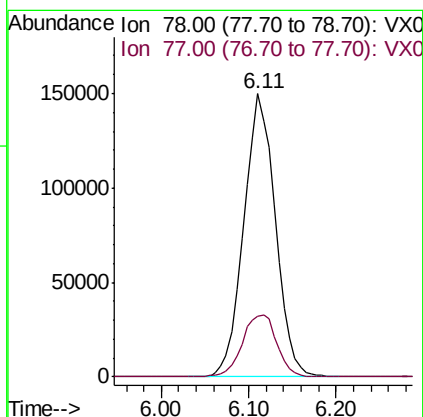
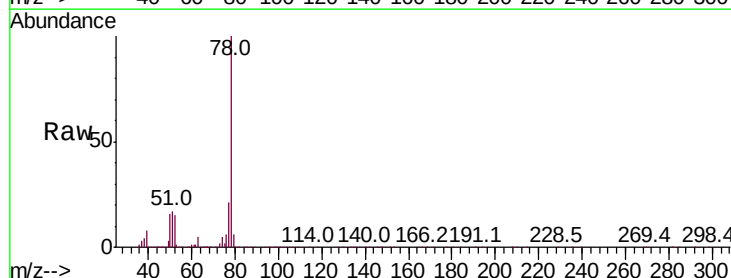
Instrument :
MSVOA_X
ClientSampleId :

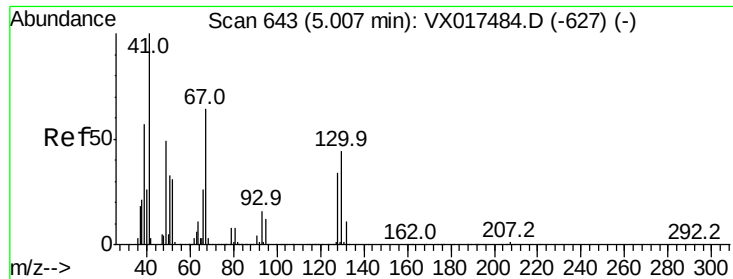
Tot Ion: 83 Resp: 139734
Ion Ratio Lower Upper
83 100
55 79.9 61.8 92.8
98 47.4 36.9 55.3



#40
Benzene
Concen: 18.264 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Tgt Ion: 78 Resp: 375846
Ion Ratio Lower Upper
78 100
77 21.4 19.4 29.2

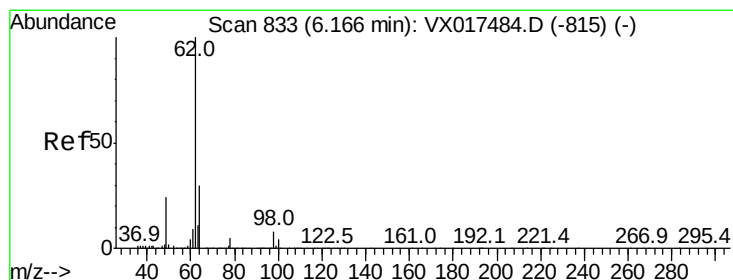
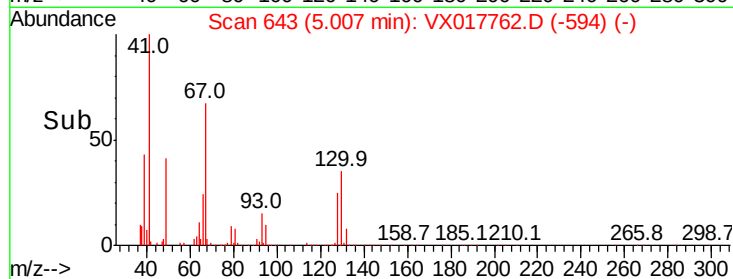
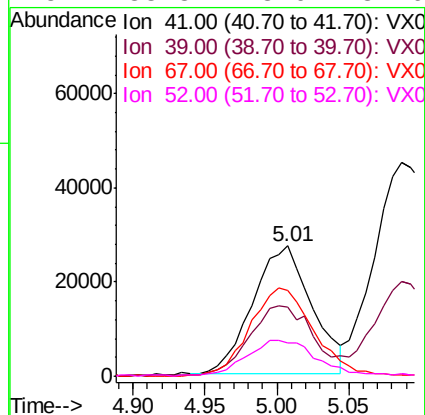
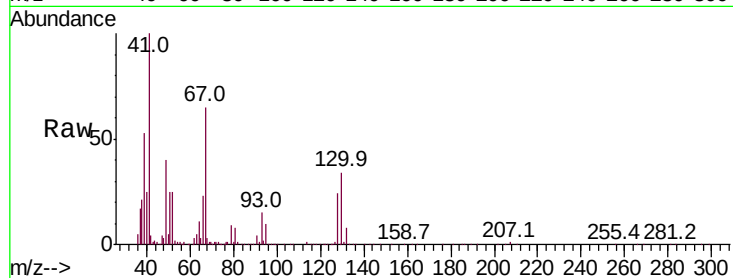




#41
Methacrylonitrile
Concen: 17.294 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

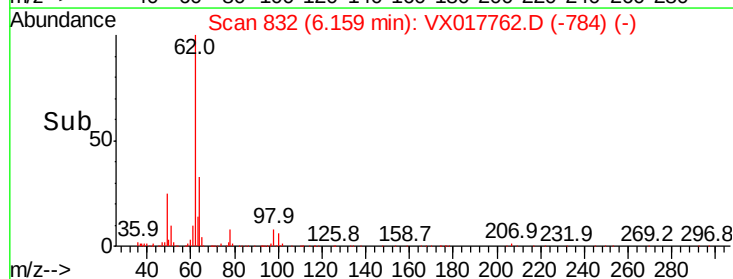
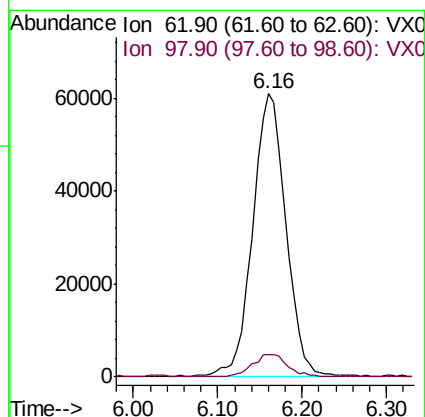
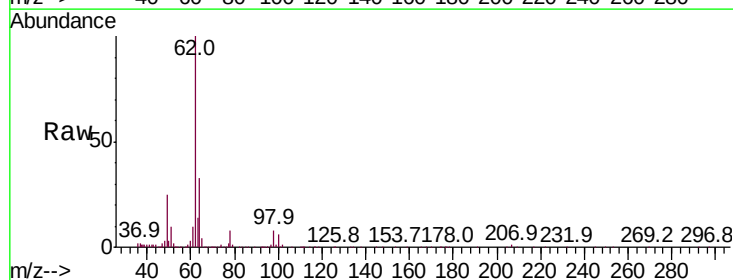
Instrument :
MSVOA_X
ClientSampleId :

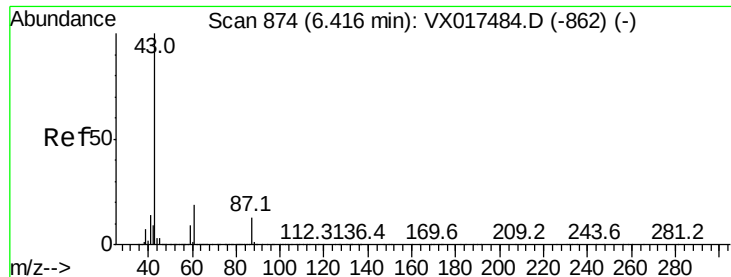
Tot Ion:	41	Resp:	77851
Ion	Ratio	Lower	Upper
41	100		
39	59.3	43.9	65.9
67	74.2	54.0	81.0
52	33.8	23.0	34.6



#42
1,2-Dichloroethane
Concen: 19.330 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Tgt Ion:	62	Resp:	162734
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.0





#43

Isopropyl Acetate

Concen: 18.675 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Instrument :

MSVOA_X

ClientSampleId :

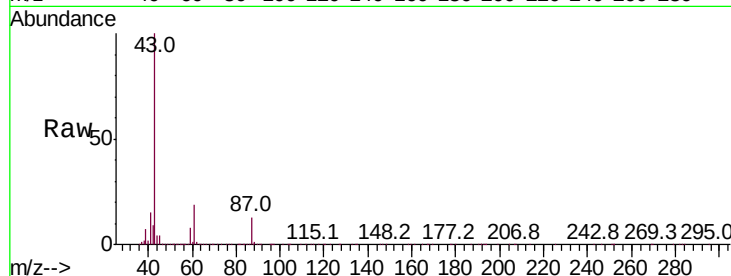
Tot Ion: 43 Resp: 241999

Ion Ratio Lower Upper

43 100

61 19.1 15.5 23.3

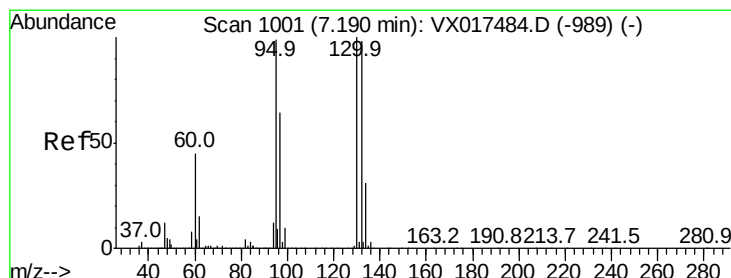
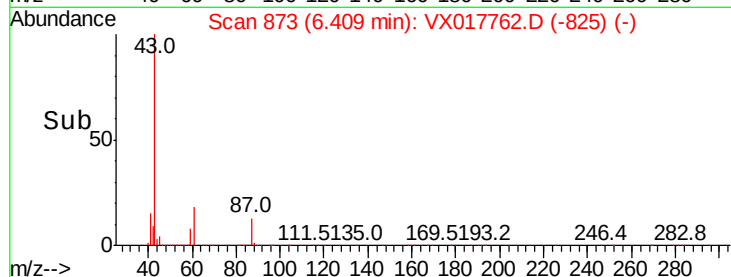
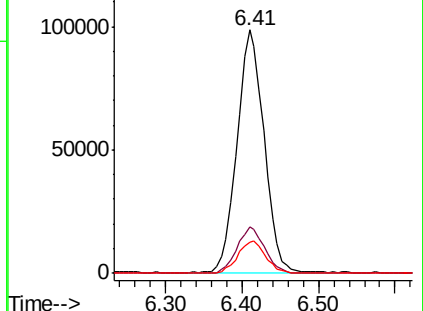
87 13.4 10.5 15.7



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: 18.970 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX017762.D

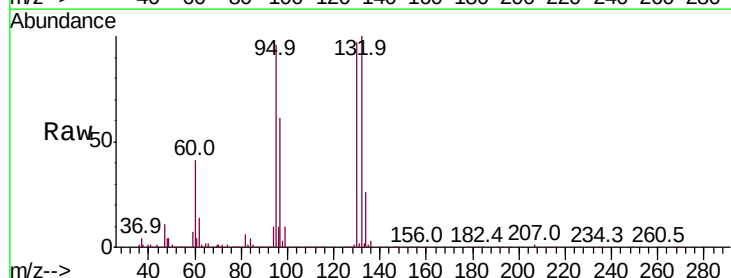
Acq: 04 Aug 2020 11:59

Tgt Ion: 130 Resp: 114082

Ion Ratio Lower Upper

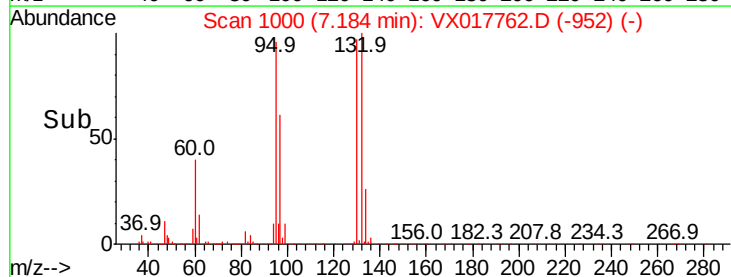
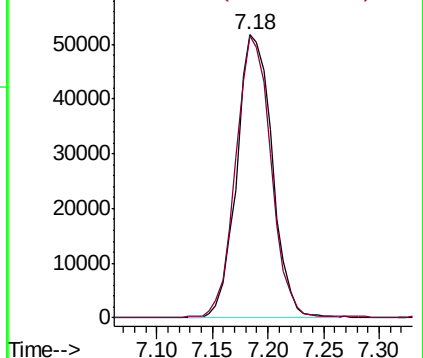
130 100

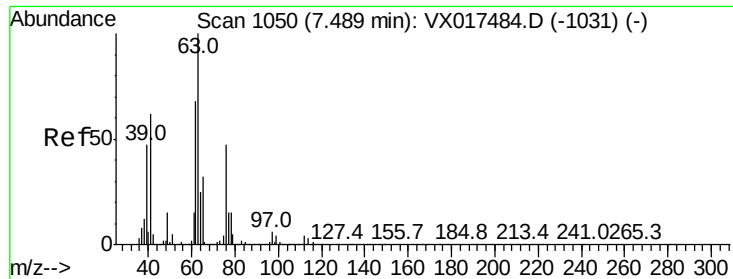
95 99.0 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.480 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

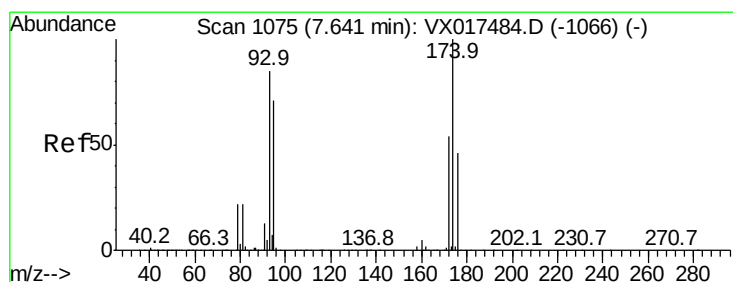
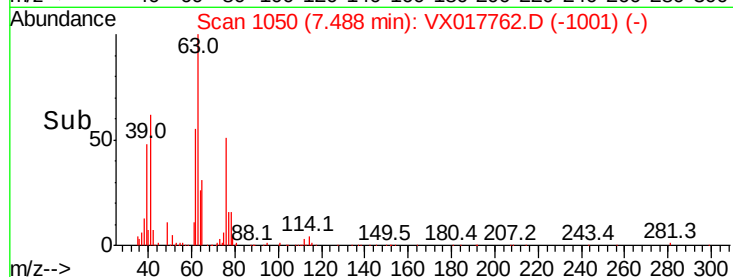
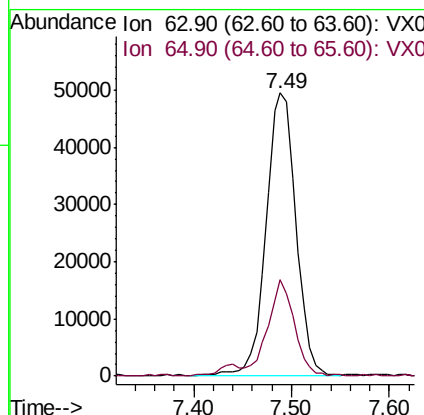
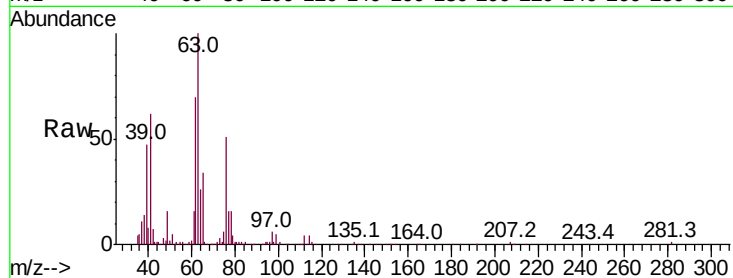
Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 63 Resp: 105423

Ion	Ratio	Lower	Upper
63	100		
65	33.7	24.5	36.7



#46

Dibromomethane

Concen: 18.910 ug/l

RT: 7.64 min Scan# 1075

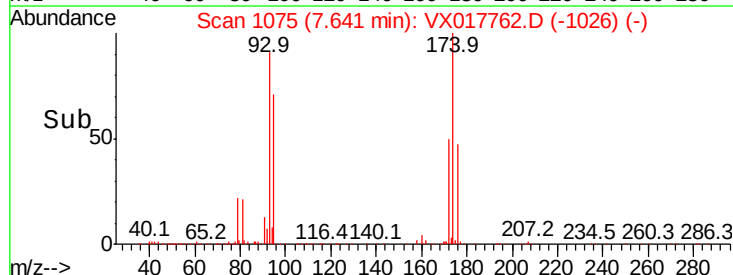
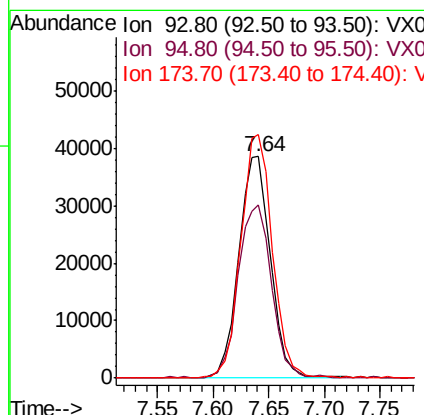
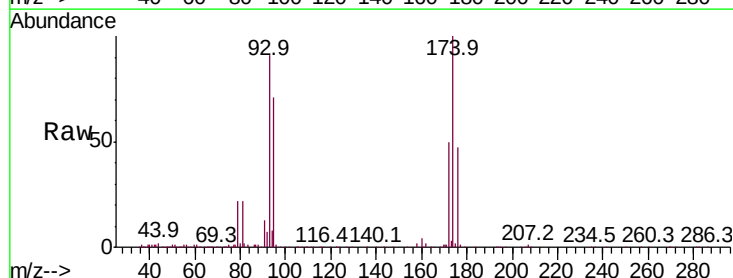
Delta R.T. -0.00 min

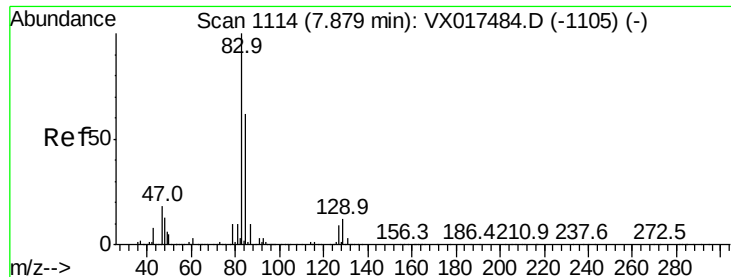
Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Tgt Ion: 93 Resp: 76239

Ion	Ratio	Lower	Upper
93	100		
95	80.9	66.6	99.8
174	109.9	87.0	130.6





#47

Bromodichloromethane

Concen: 19.720 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Instrument :

MSVOA_X

ClientSampled :

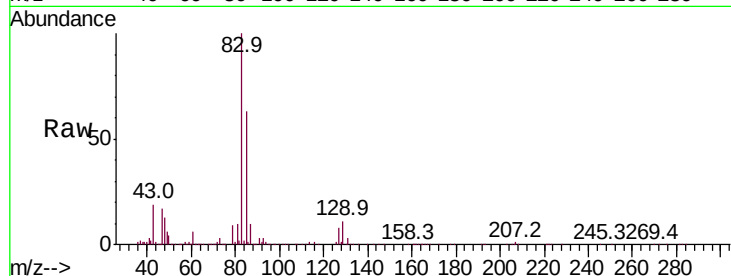
Tot Ion: 83 Resp: 159970

Ion Ratio Lower Upper

83 100

85 62.8 51.8 77.8

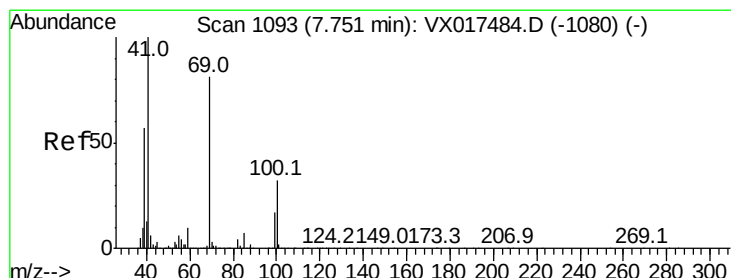
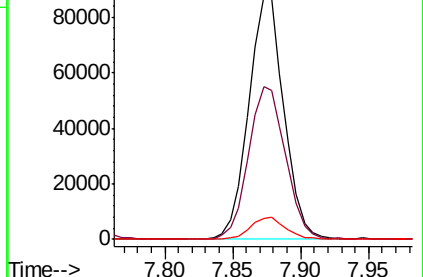
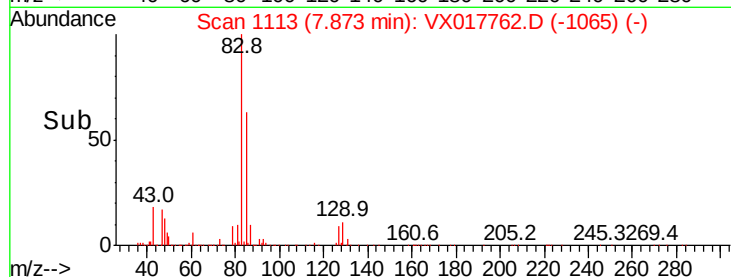
127 8.5 7.4 11.2



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: 18.653 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

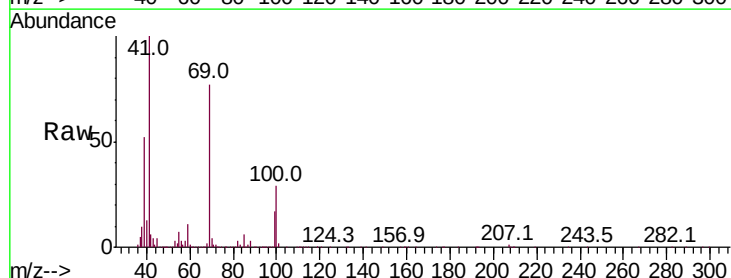
Tgt Ion: 41 Resp: 119814

Ion Ratio Lower Upper

41 100

69 79.6 63.1 94.7

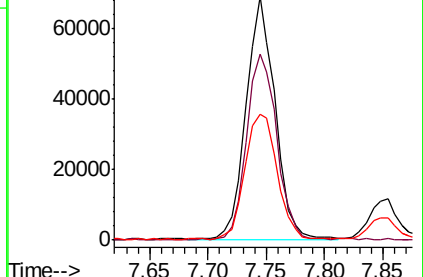
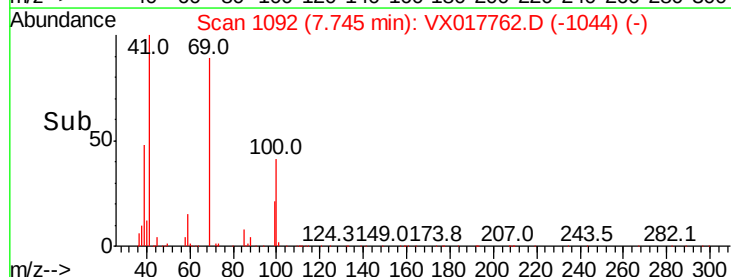
39 57.4 45.1 67.7

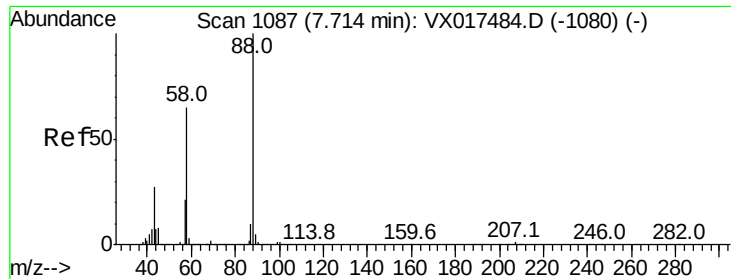


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

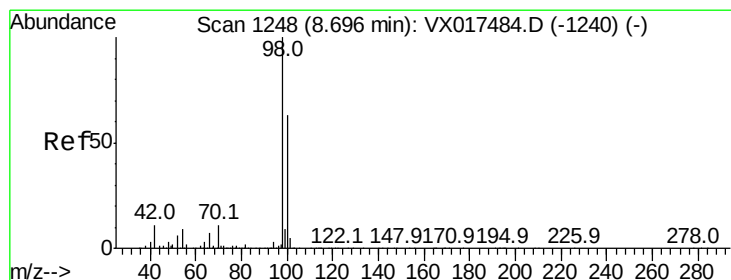
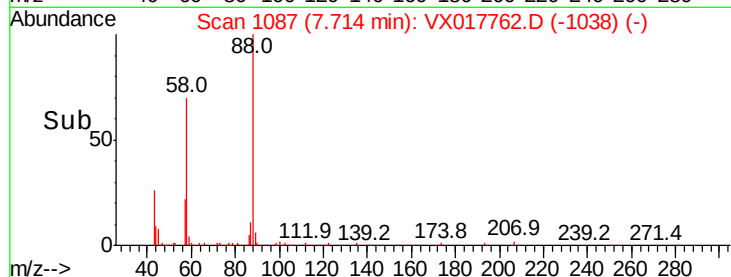
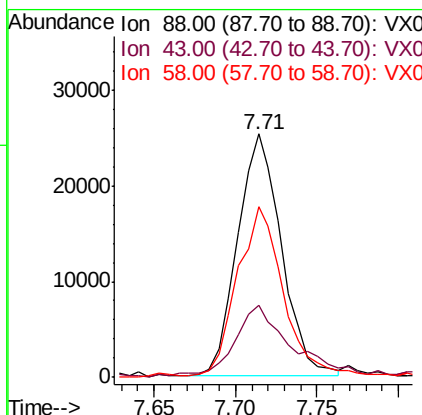
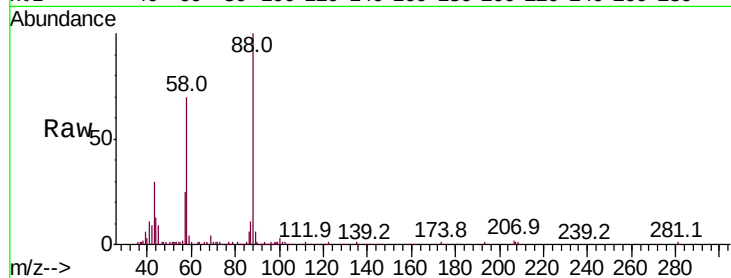




#49
1,4-Dioxane
Concen: 384.144 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

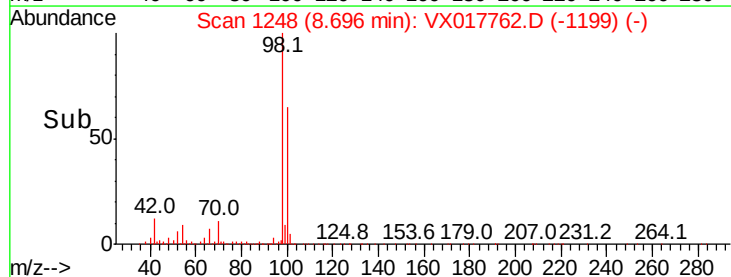
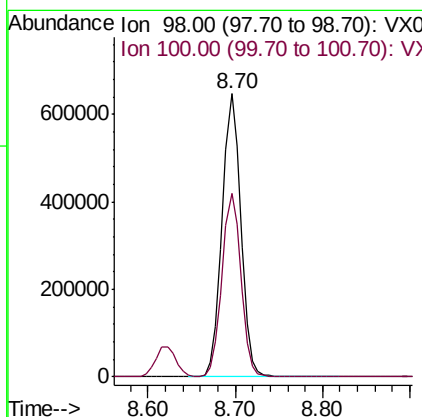
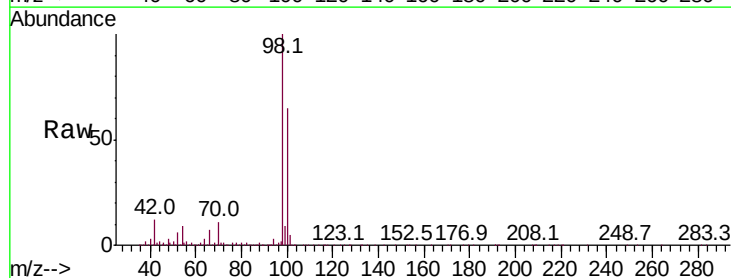
Instrument :
MSVOA_X
ClientSampleId :

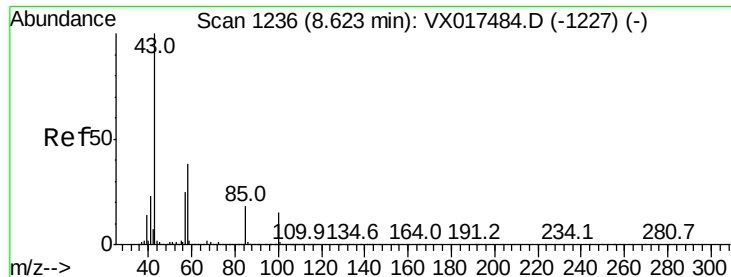
Tot Ion	88	Resp	47307
Ion	Ratio	Lower	Upper
88	100		
43	39.1	27.8	41.6
58	74.4	58.3	87.5



#50
Toluene-d8
Concen: 53.159 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Tgt Ion	98	Resp	959883
Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 98.305 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Instrument :

MSVOA_X

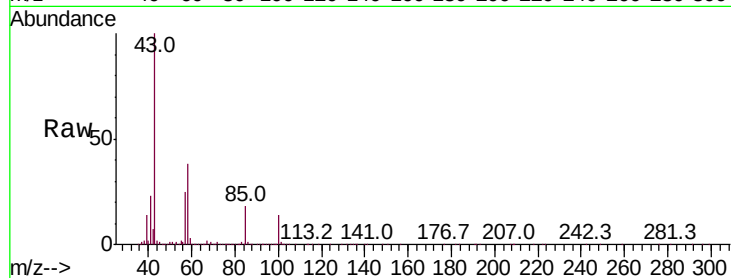
ClientSampleId :

Tot Ion: 43 Resp: 760058

Ion Ratio Lower Upper

43 100

58 38.2 31.0 46.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

500000

400000

300000

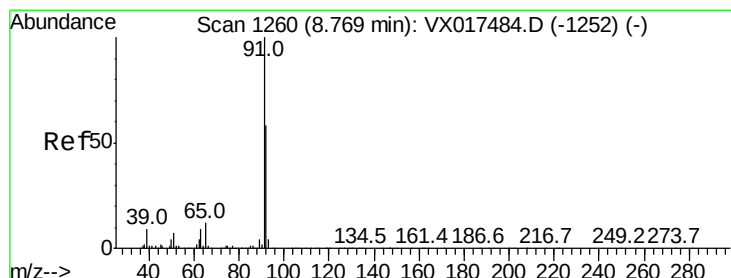
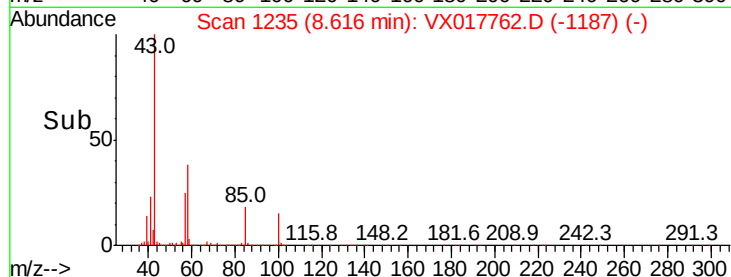
200000

100000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 19.766 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX017762.D

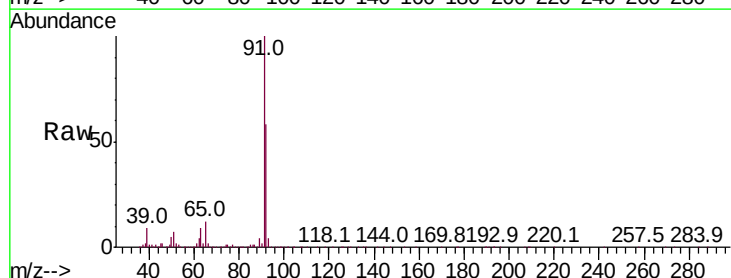
Acq: 04 Aug 2020 11:59

Tgt Ion: 92 Resp: 260868

Ion Ratio Lower Upper

92 100

91 175.6 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.76

300000

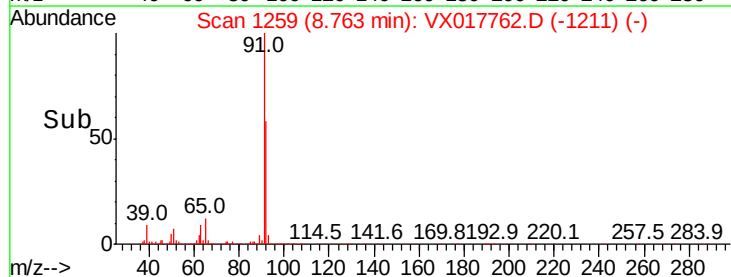
200000

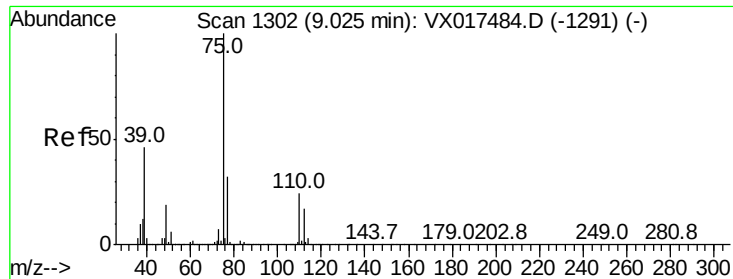
100000

0

8.70 8.75 8.80 8.85

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.819 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

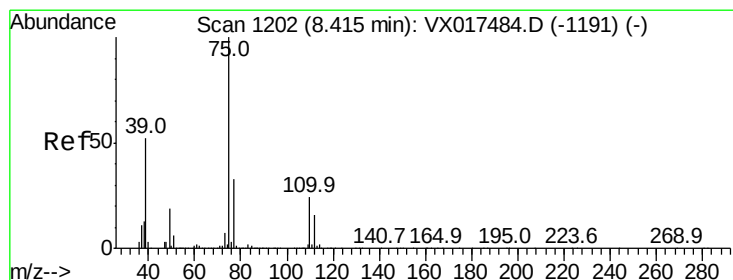
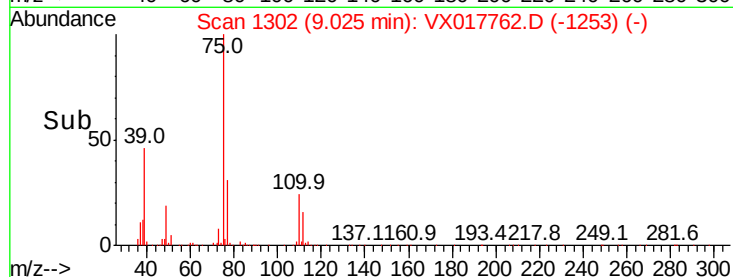
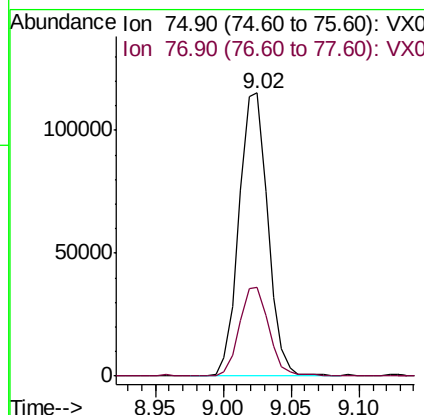
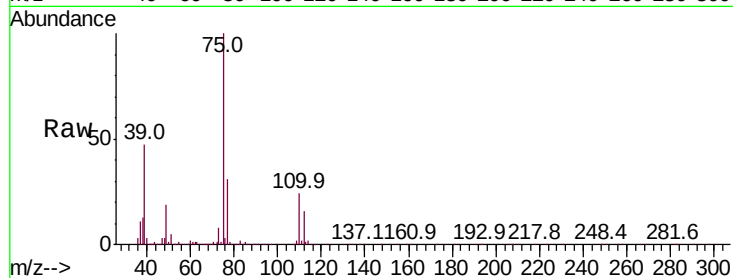
Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 170896

Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.5	38.3



#54

cis-1,3-Dichloropropene

Concen: 19.065 ug/l

RT: 8.42 min Scan# 1202

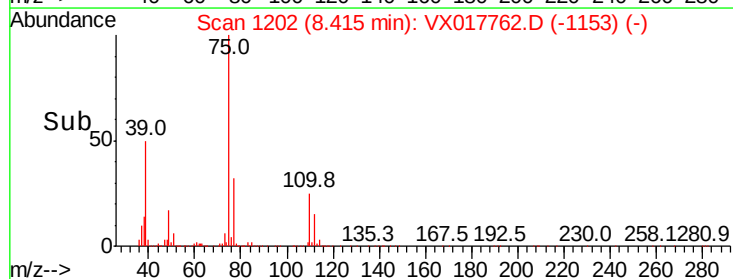
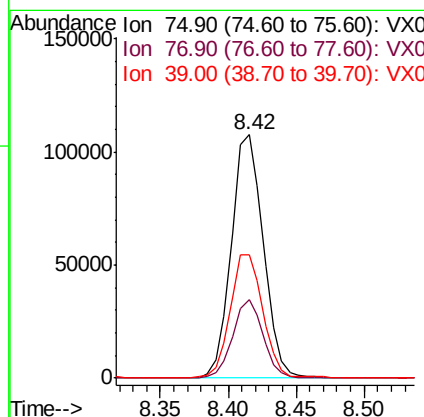
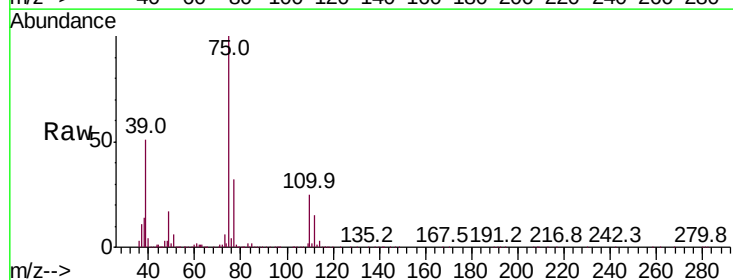
Delta R.T. -0.00 min

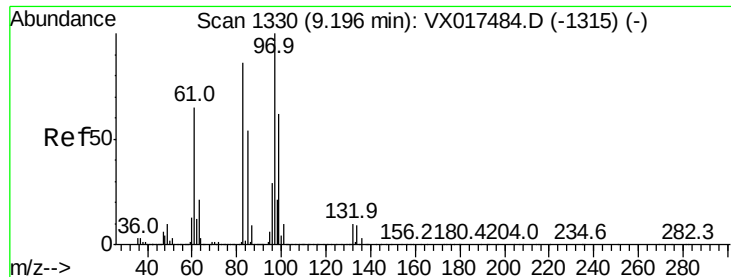
Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Tgt Ion: 75 Resp: 176587

Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.5	38.3
39	50.5	41.8	62.8

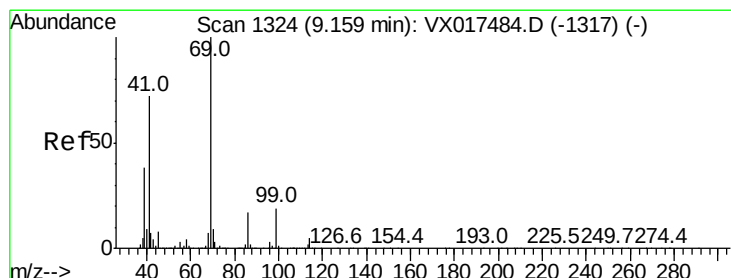
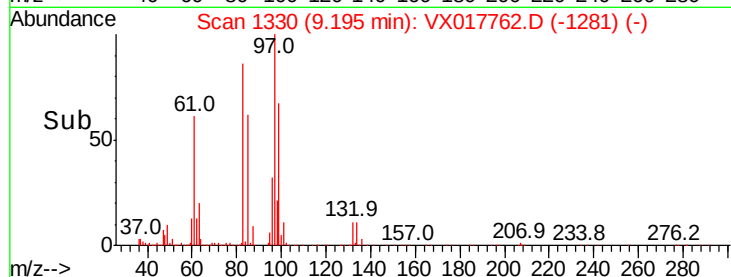
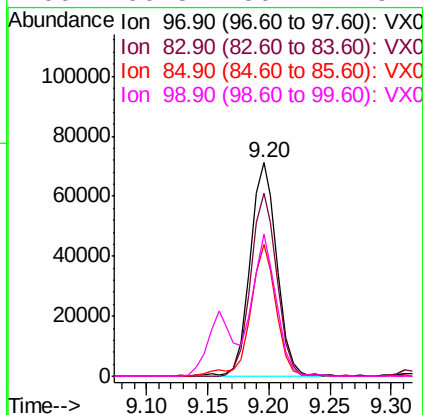
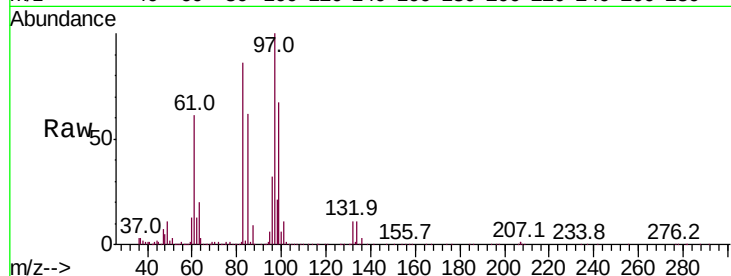




#55
 1,1,2-Trichloroethane
 Concen: 19.787 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017762.D
 Acq: 04 Aug 2020 11:59

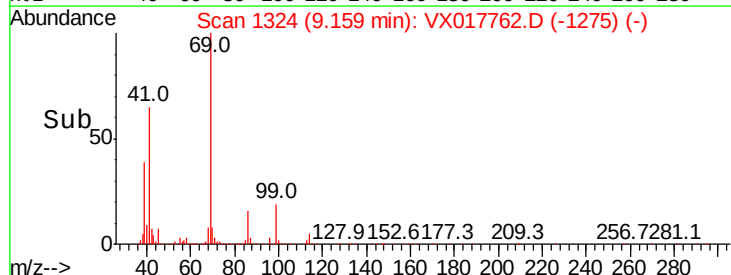
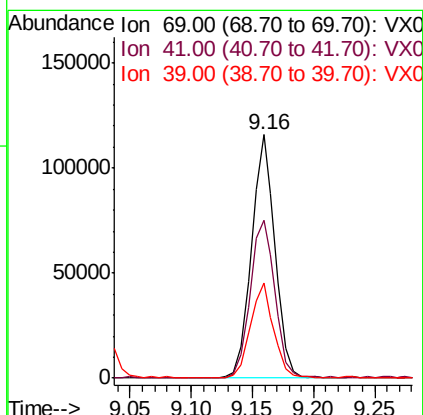
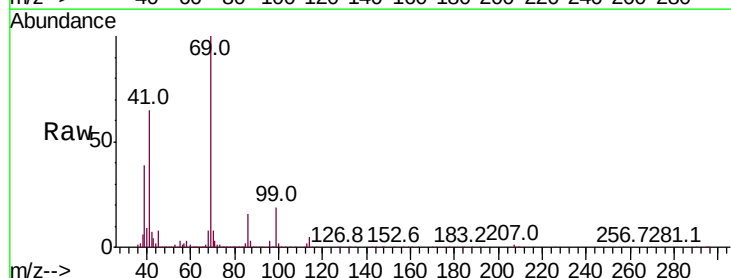
Instrument :
 MSVOA_X
 ClientSampled :

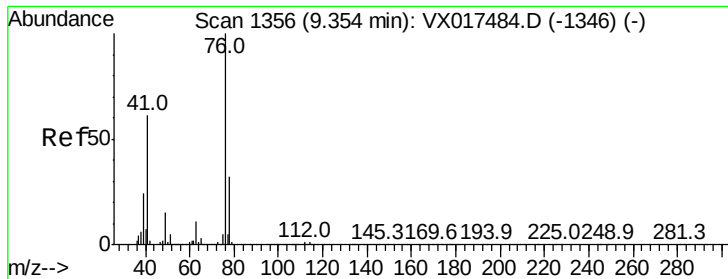
Tot Ion:	97	Resp:	108783
Ion	Ratio	Lower	Upper
97	100		
83	85.8	67.6	101.4
85	61.7	44.6	67.0
99	66.8	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 18.664 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017762.D
 Acq: 04 Aug 2020 11:59

Tgt Ion:	69	Resp:	154594
Ion	Ratio	Lower	Upper
69	100		
41	67.7	55.0	82.6
39	38.6	30.0	45.0





#57

1,3-Dichloropropane

Concen: 19.489 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Instrument :

MSVOA_X

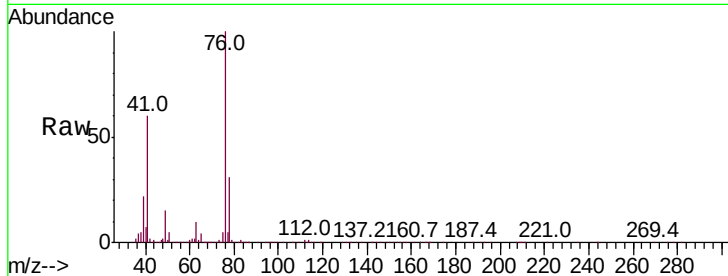
ClientSampleId :

Tot Ion: 76 Resp: 176432

Ion Ratio Lower Upper

76 100

78 33.1 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

150000

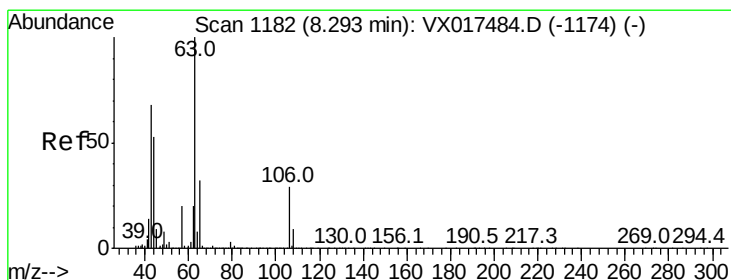
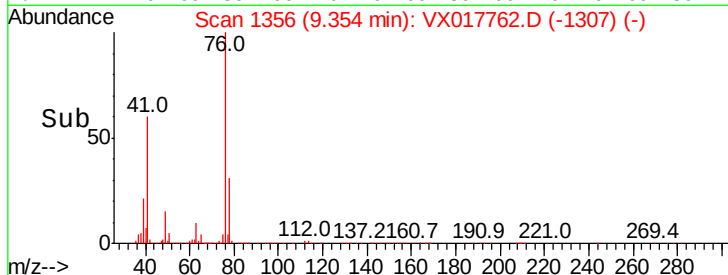
100000

50000

0

Time-->

9.30 9.35 9.40



#58

2-Chloroethyl Vinyl ether

Concen: 87.091 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX017762.D

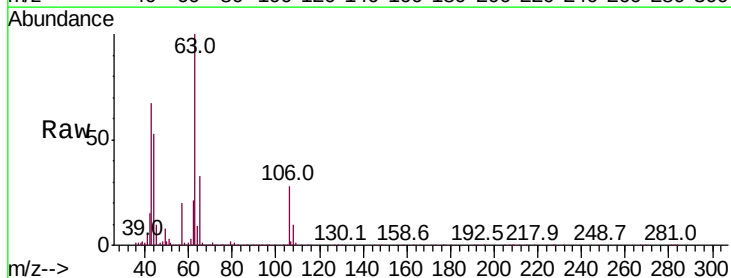
Acq: 04 Aug 2020 11:59

Tgt Ion: 63 Resp: 380043

Ion Ratio Lower Upper

63 100

106 28.7 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

250000

200000

150000

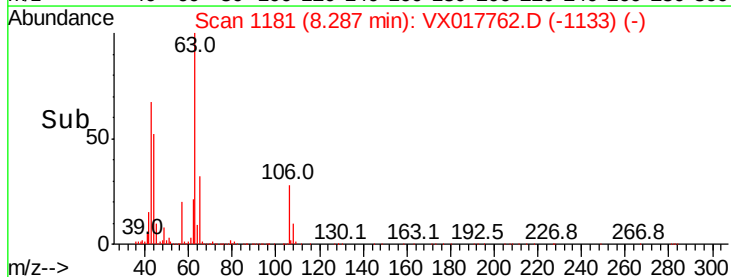
100000

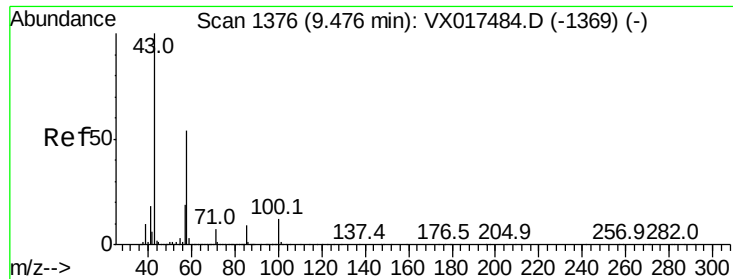
50000

0

Time-->

8.20 8.25 8.30 8.35 8.40

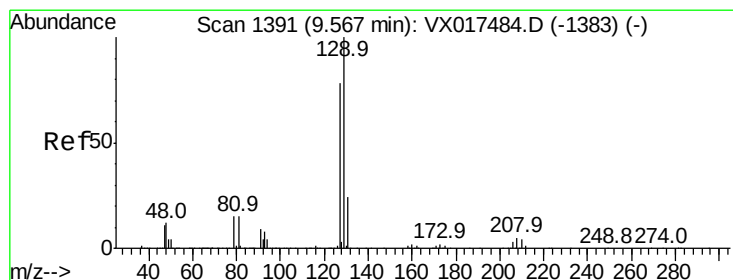
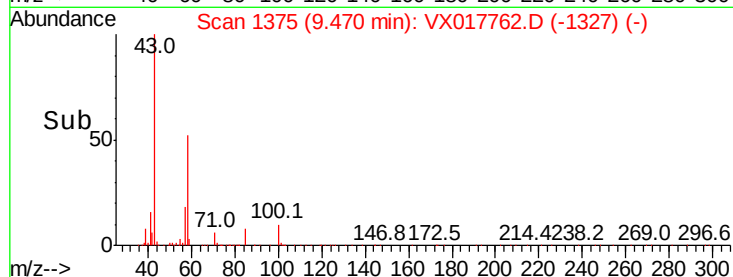
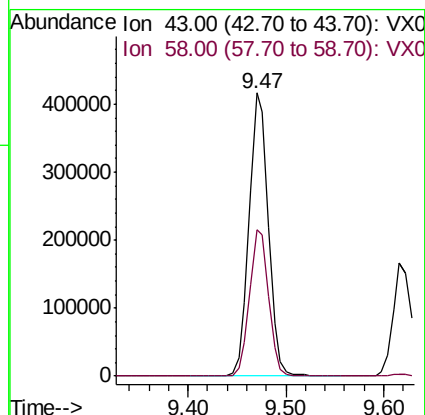
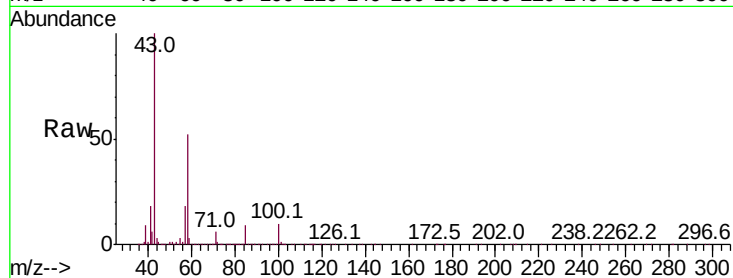




#59
2-Hexanone
Concen: 97.683 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

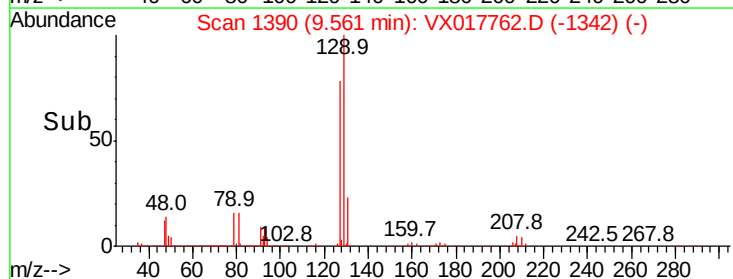
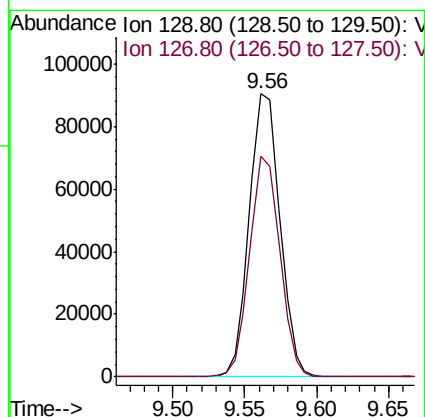
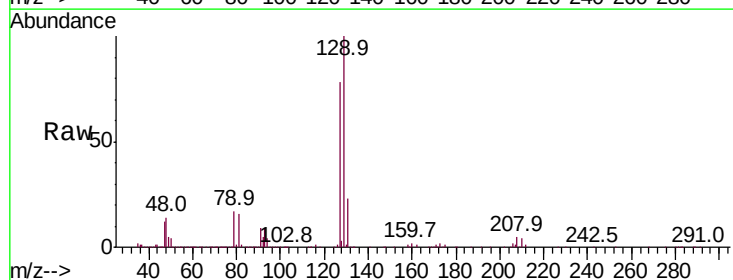
Instrument :
MSVOA_X
ClientSampleId :

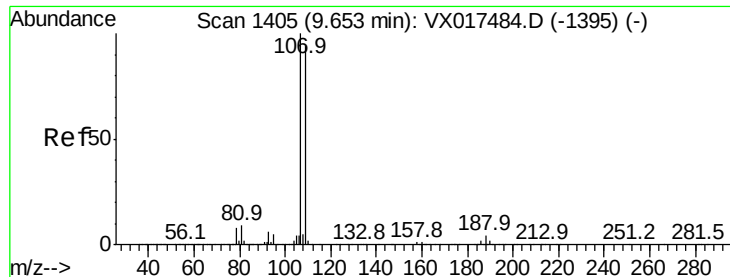
Tot Ion: 43 Resp: 568620
Ion Ratio Lower Upper
43 100
58 51.3 26.6 79.8



#60
Dibromochloromethane
Concen: 19.179 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Tgt Ion: 129 Resp: 134015
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.1





#61

1,2-Dibromoethane

Concen: 20.163 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

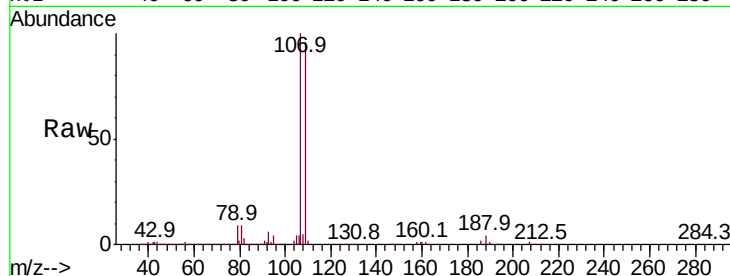
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:107 Resp: 118017

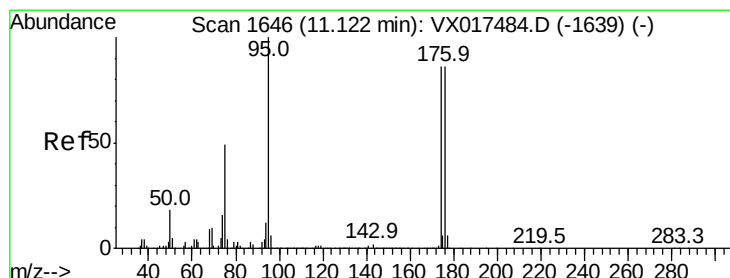
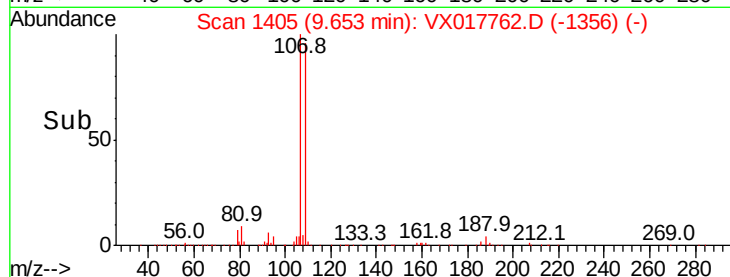
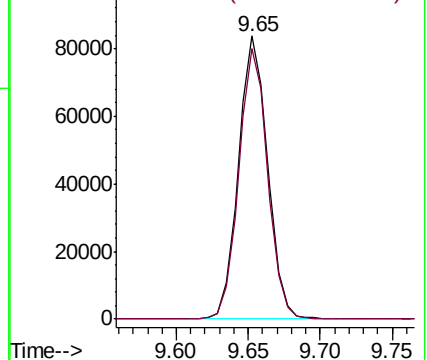
Ion Ratio Lower Upper

107 100

109 94.2 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.614 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

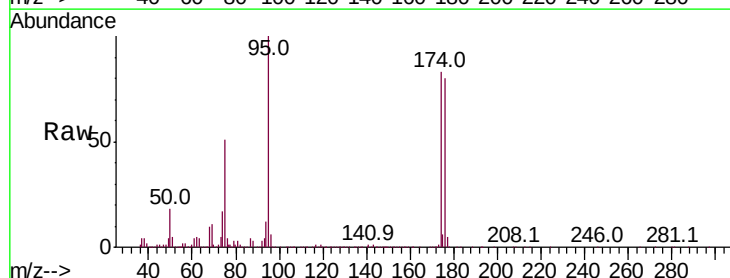
Tgt Ion: 95 Resp: 358528

Ion Ratio Lower Upper

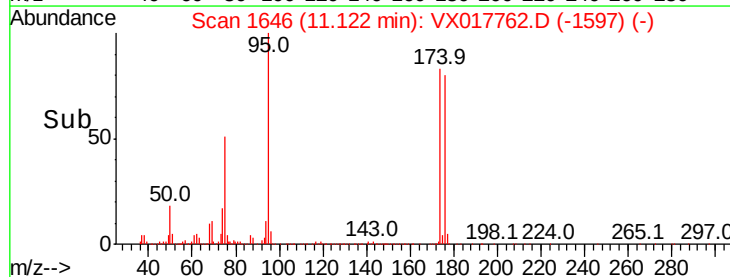
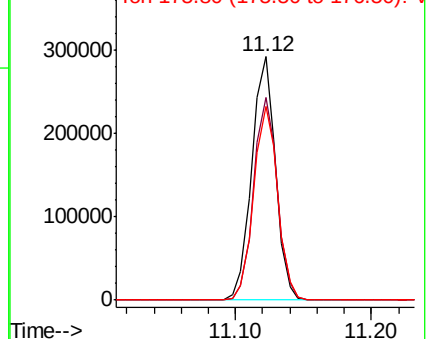
95 100

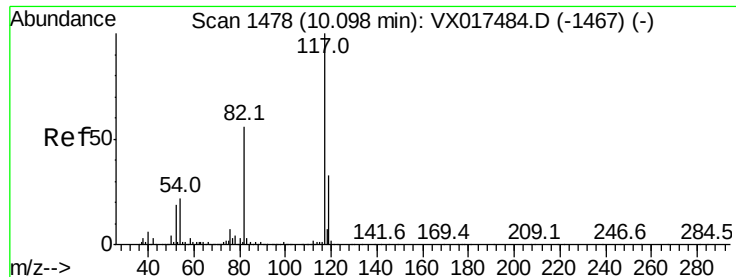
174 83.4 0.0 169.0

176 80.6 0.0 161.0



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

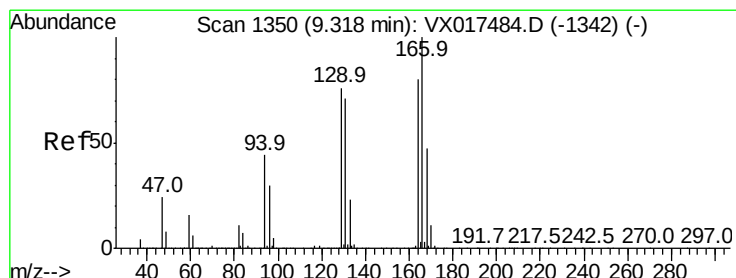
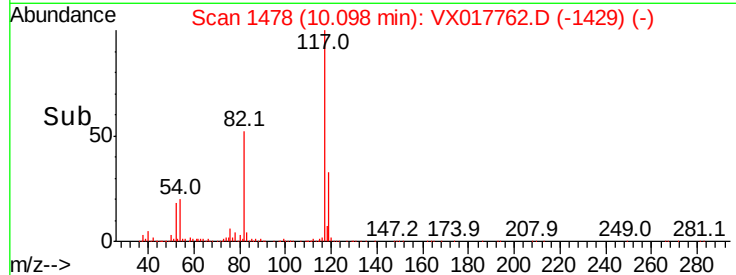
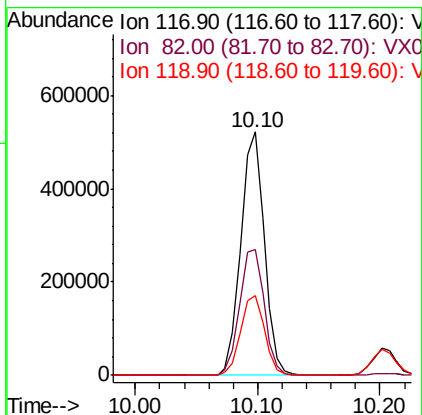
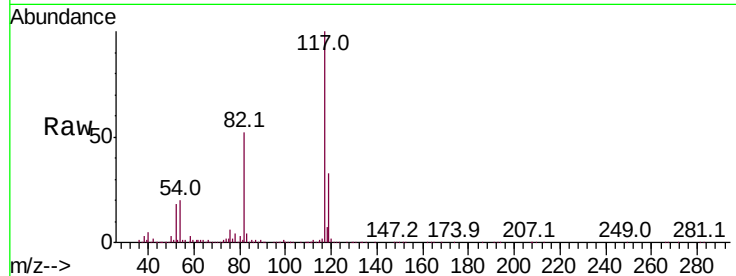




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

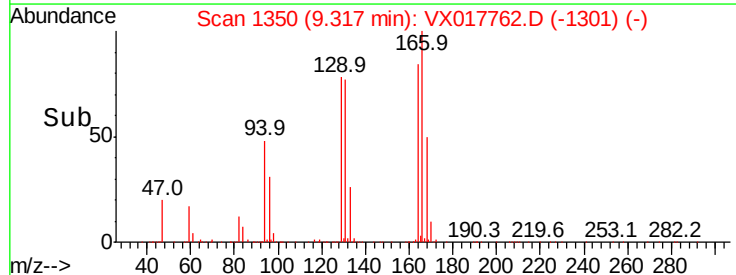
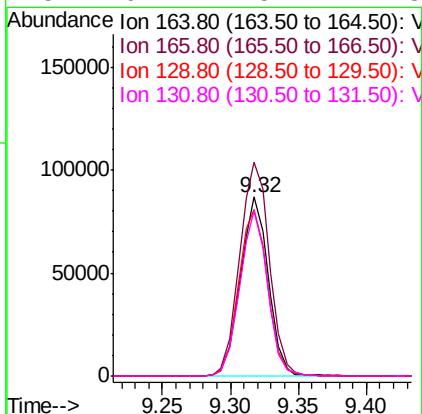
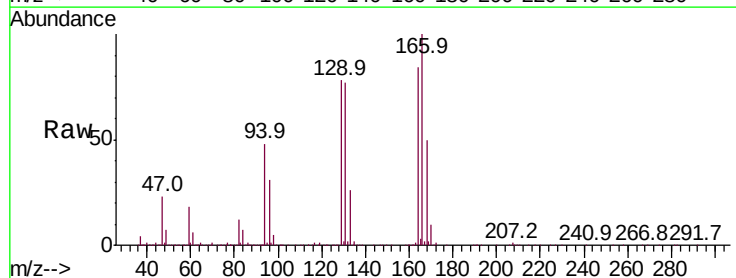
Instrument :
MSVOA_X
ClientSampleId :

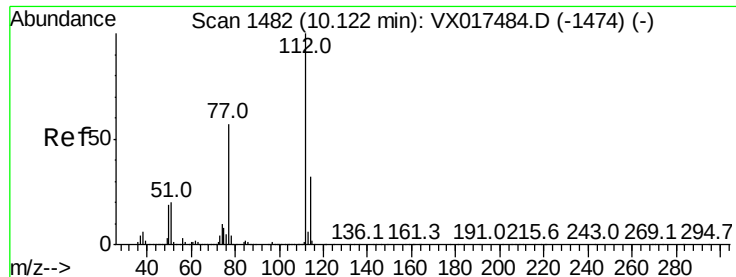
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.9	44.0	66.0
119	32.6	25.4	38.0



#64
Tetrachloroethene
Concen: 19.957 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	119.2	100.6	150.8
129	92.8	75.0	112.6
131	92.2	75.2	112.8

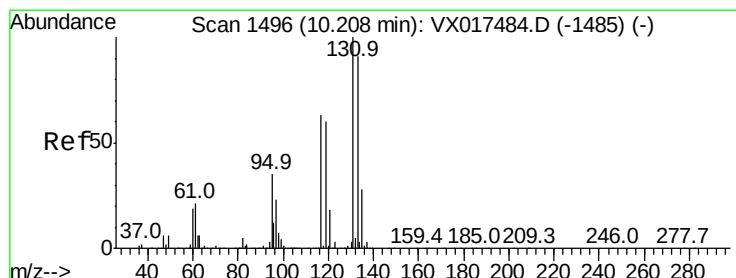
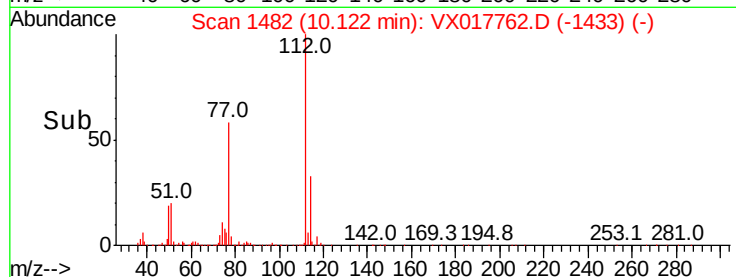
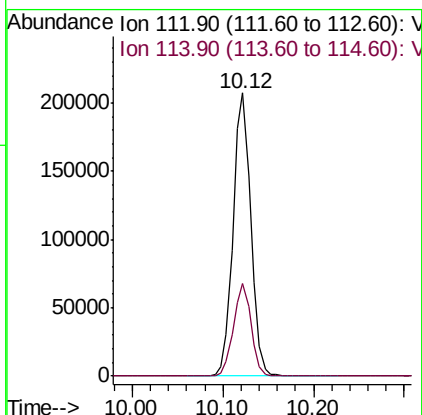
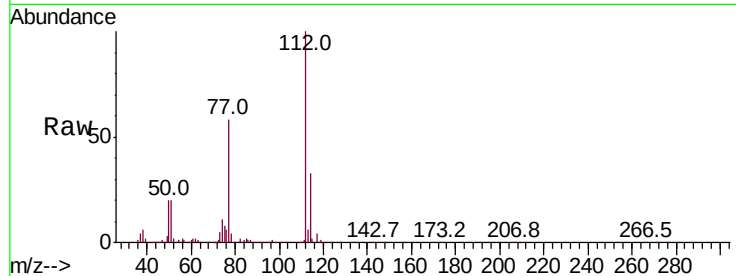




#65
Chlorobenzene
Concen: 18.722 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

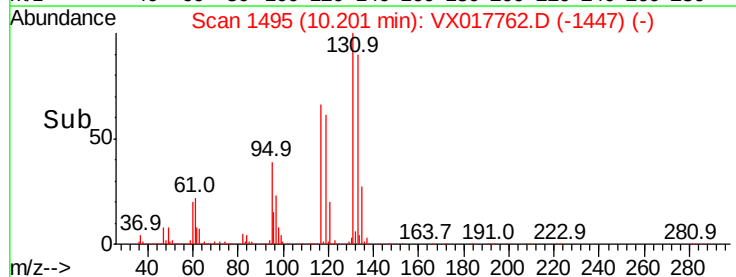
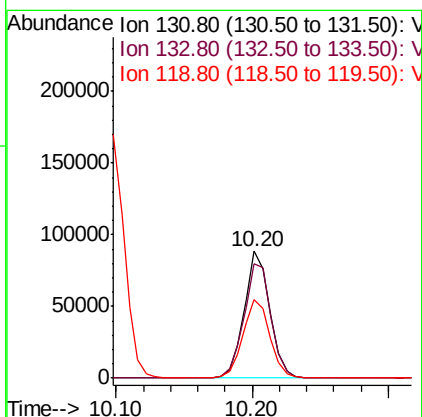
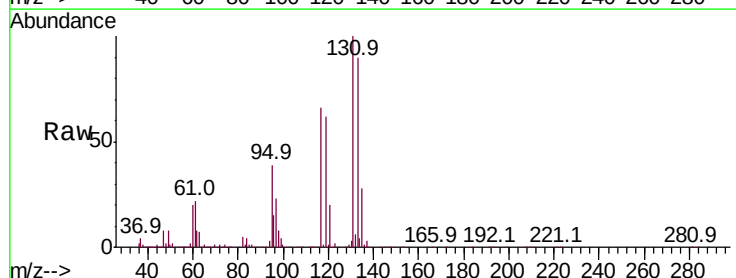
Instrument :
MSVOA_X
ClientSampleId :

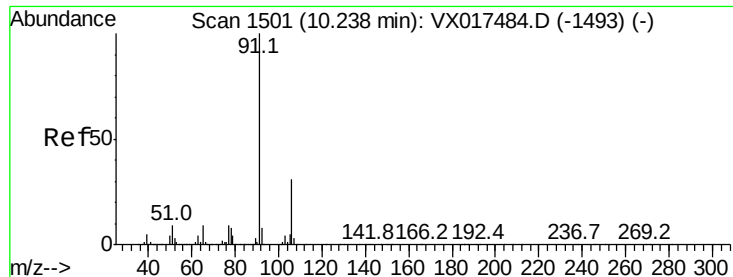
Tot Ion:112 Resp: 281253
Ion Ratio Lower Upper
112 100
114 32.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.152 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Tgt Ion:131 Resp: 116122
Ion Ratio Lower Upper
131 100
133 96.1 47.9 143.6
119 64.8 31.1 93.3

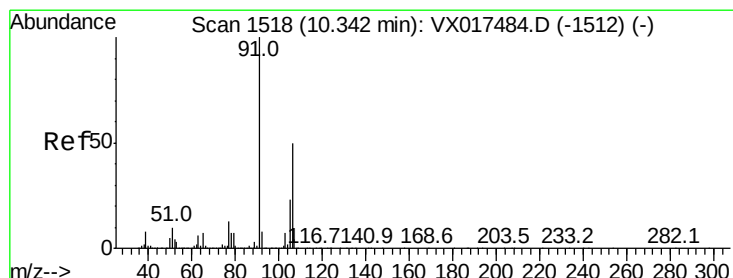
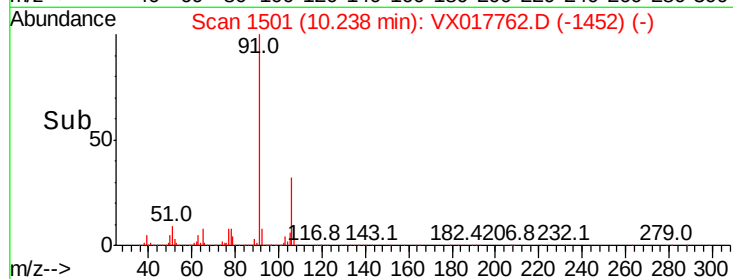
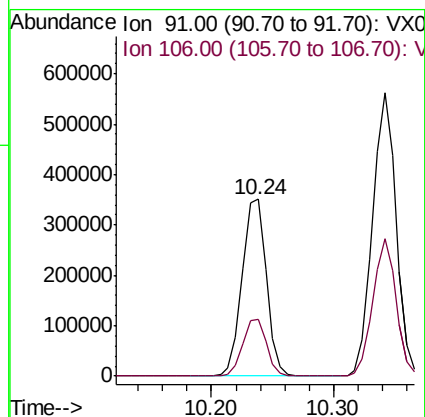
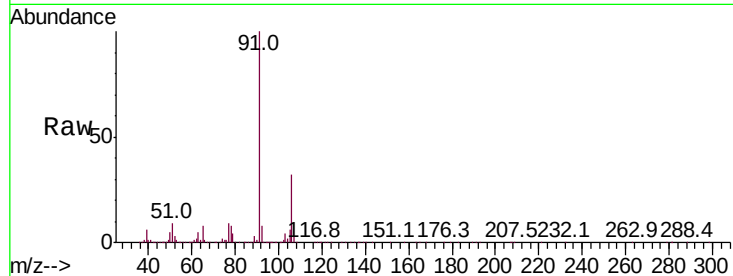




#67
Ethyl Benzene
Concen: 19.218 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

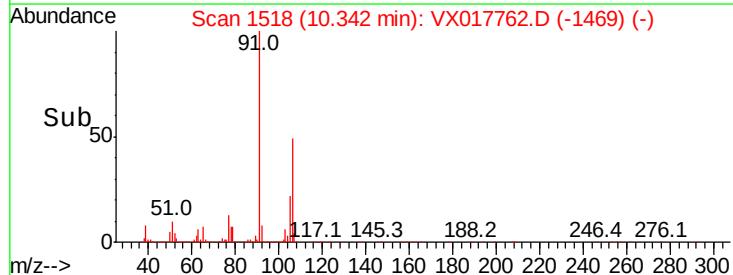
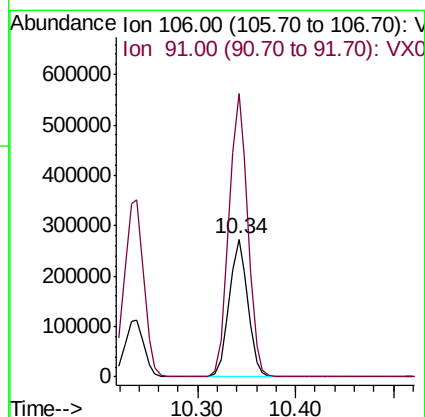
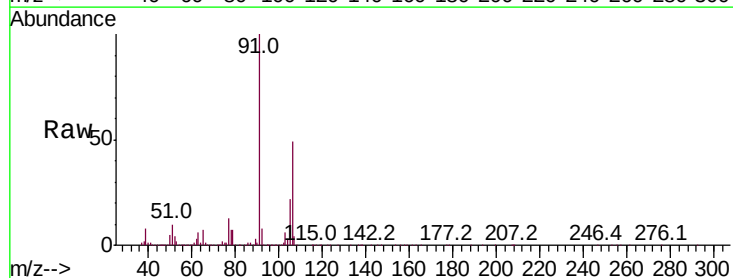
Instrument :
MSVOA_X
ClientSampled :

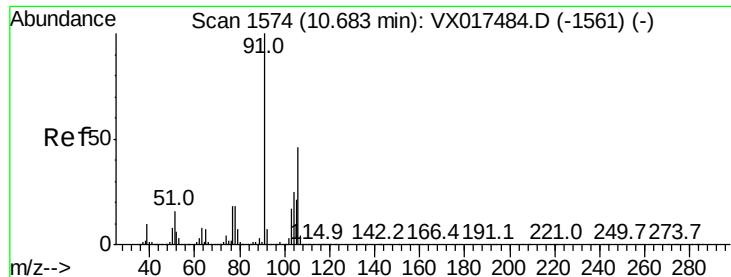
Tot Ion: 91 Resp: 481933
Ion Ratio Lower Upper
91 100
106 31.9 25.8 38.6



#68
m/p-Xylenes
Concen: 37.263 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Tgt Ion: 106 Resp: 362004
Ion Ratio Lower Upper
106 100
91 207.7 160.9 241.3

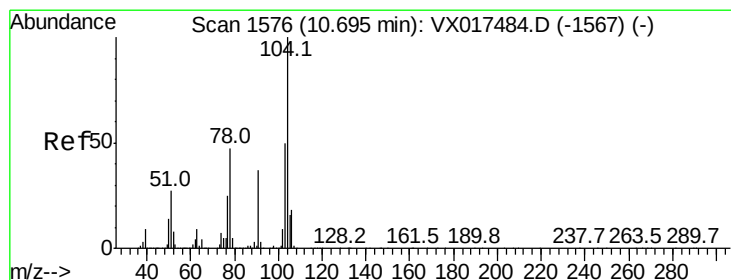
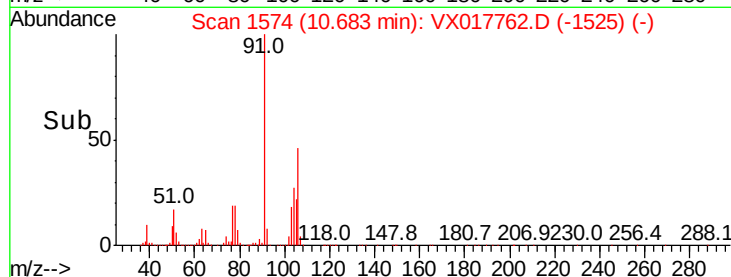
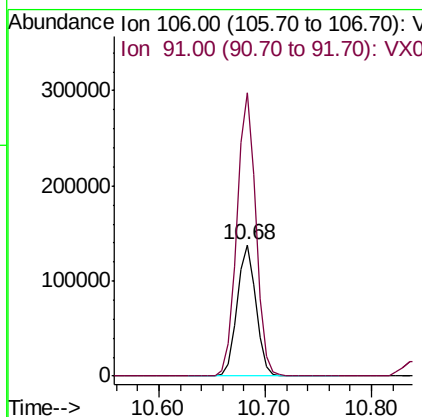
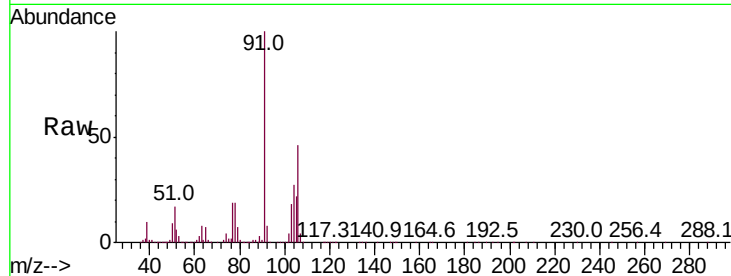




#69
o-Xylene
Concen: 18.393 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

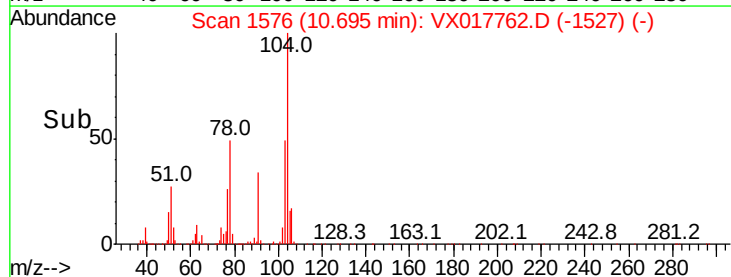
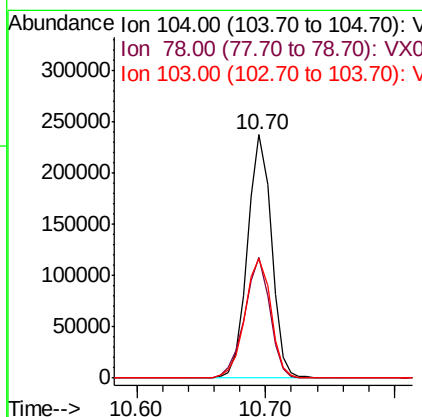
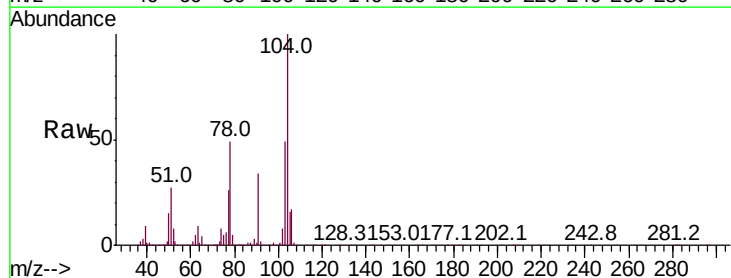
Instrument :
MSVOA_X
ClientSampleId :

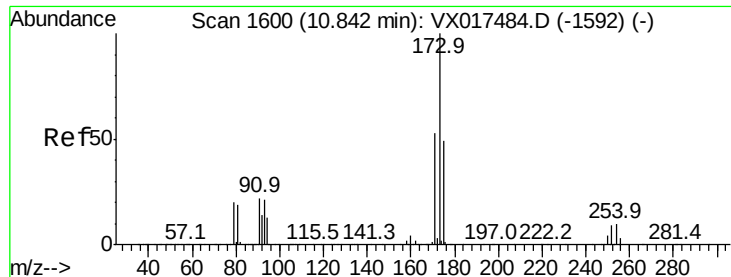
Tot Ion:106 Resp: 171852
Ion Ratio Lower Upper
106 100
91 217.3 108.2 324.6



#70
Styrene
Concen: 19.046 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Tgt Ion:104 Resp: 302784
Ion Ratio Lower Upper
104 100
78 52.5 42.5 63.7
103 53.9 44.3 66.5





#71

Bromoform

Concen: 18.930 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Instrument :

MSVOA_X

ClientSampleId :

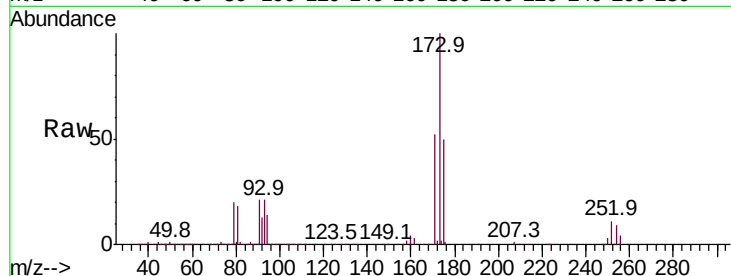
Tot Ion:173 Resp: 99435

Ion Ratio Lower Upper

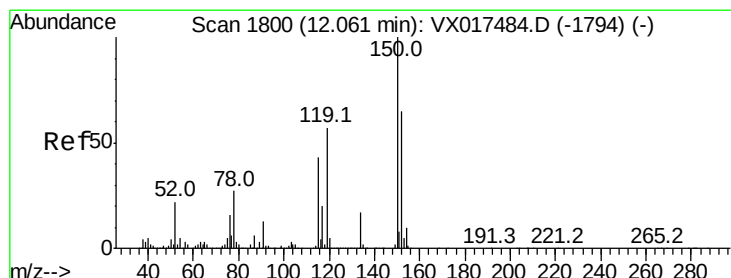
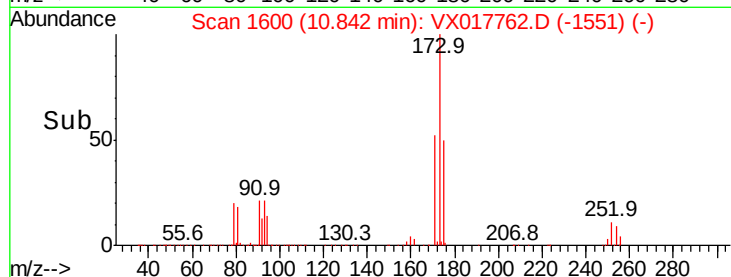
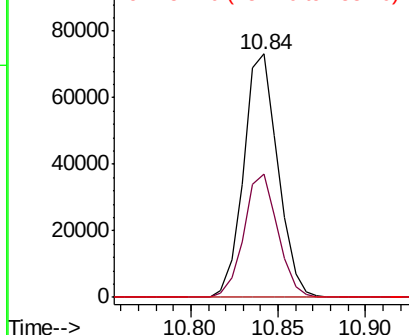
173 100

175 49.9 23.8 71.5

254 0.4 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

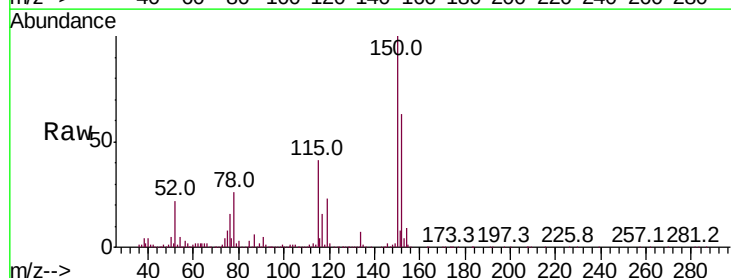
Tgt Ion:152 Resp: 373467

Ion Ratio Lower Upper

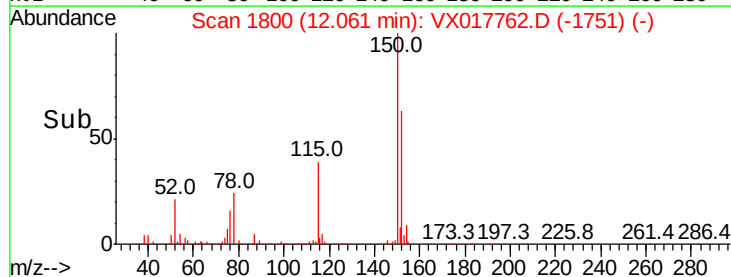
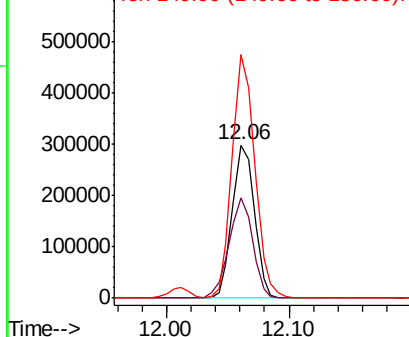
152 100

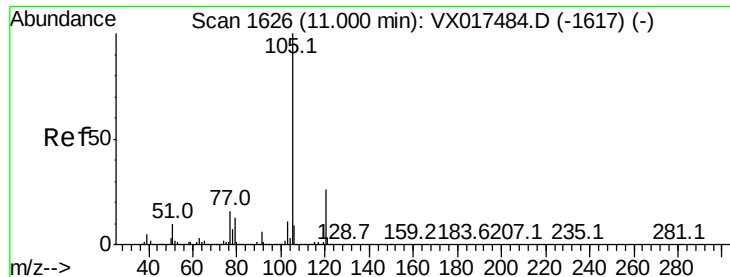
115 69.7 65.5 196.6

150 162.9 0.0 412.6



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: 18.402 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Instrument :

MSVOA_X

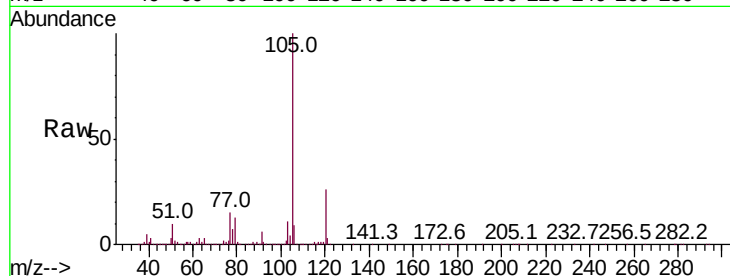
ClientSampleId :

Tot Ion:105 Resp: 471460

Ion Ratio Lower Upper

105 100

120 27.1 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

400000

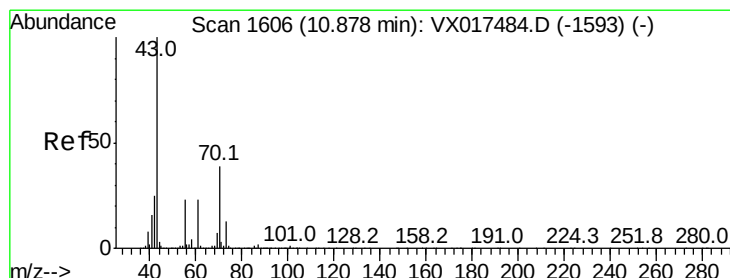
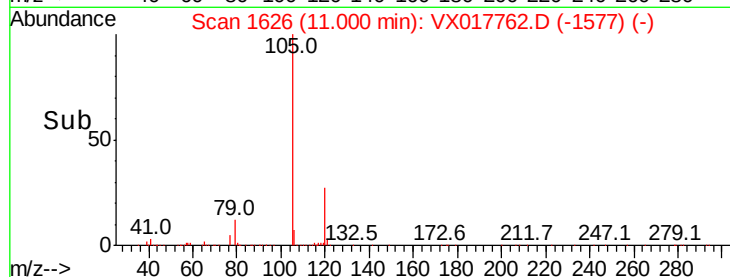
300000

200000

100000

0

Time--> 10.90 11.00



#74

N-ethyl acetate

Concen: 17.745 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Tgt Ion: 43 Resp: 201993

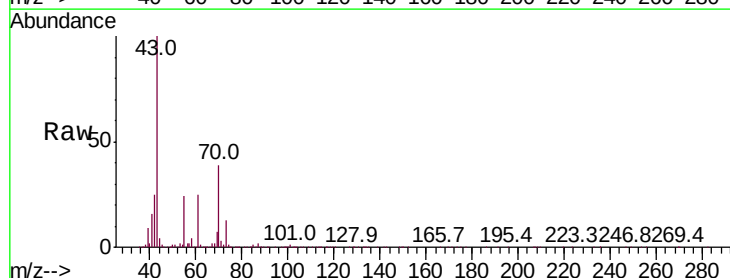
Ion Ratio Lower Upper

43 100

70 40.2 32.3 48.5

55 24.6 18.4 27.6

61 24.6 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

250000

200000

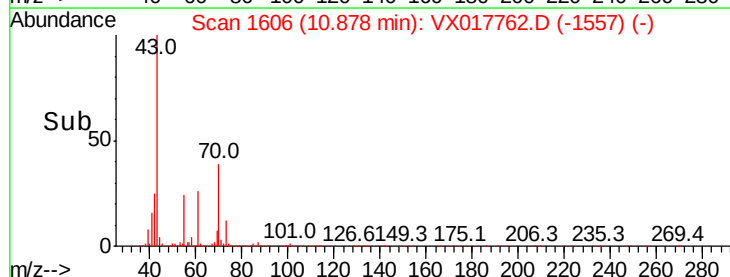
150000

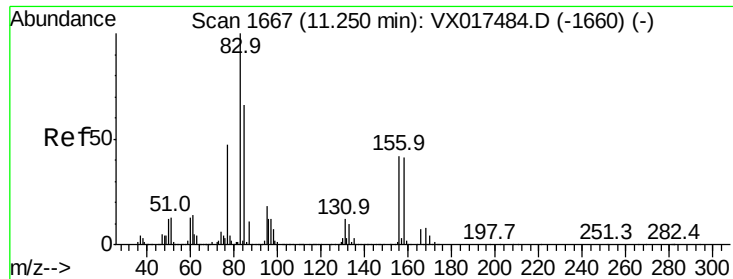
100000

50000

0

Time--> 10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 18.570 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Instrument :

MSVOA_X

ClientSampled :

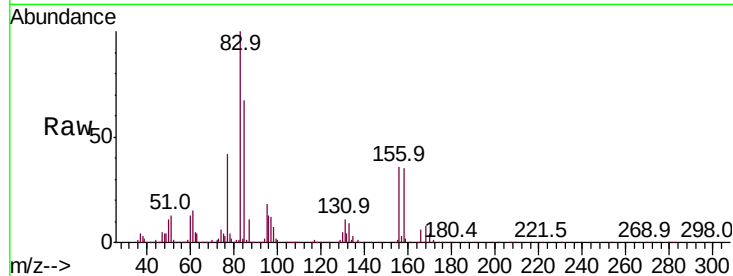
Tot Ion: 83 Resp: 148503

Ion Ratio Lower Upper

83 100

131 11.9 5.5 16.5

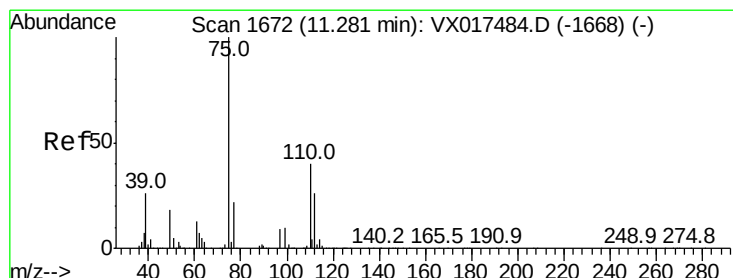
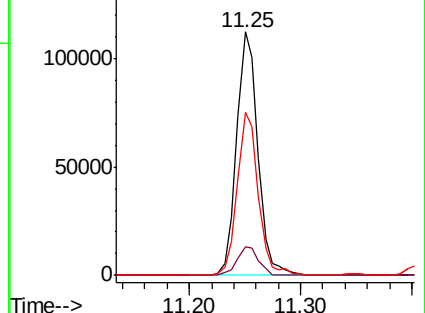
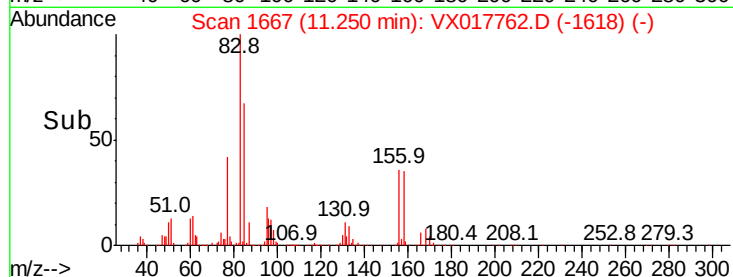
85 66.1 32.1 96.3



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: 24.848 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017762.D

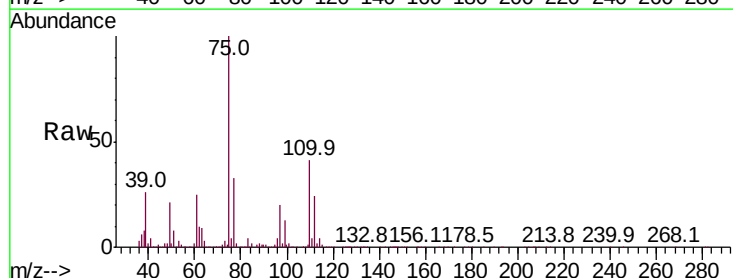
Acq: 04 Aug 2020 11:59

Tgt Ion: 75 Resp: 190894

Ion Ratio Lower Upper

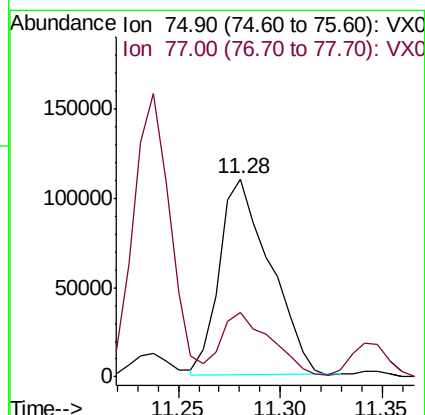
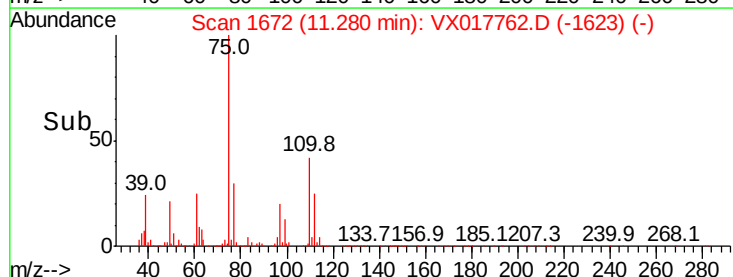
75 100

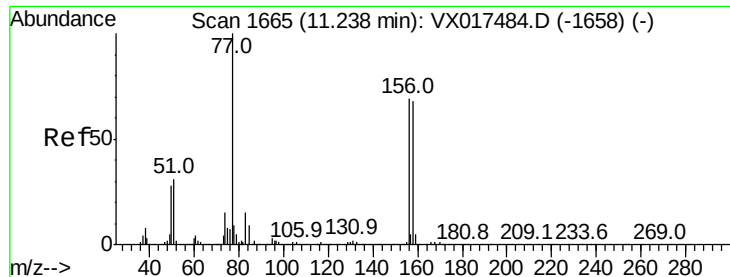
77 32.2 21.8 65.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.139 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Instrument :

MSVOA_X

ClientSampleId :

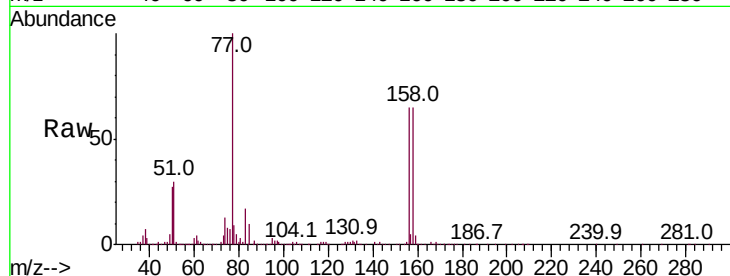
Tot Ion:156 Resp: 130102

Ion Ratio Lower Upper

156 100

77 152.9 75.0 225.0

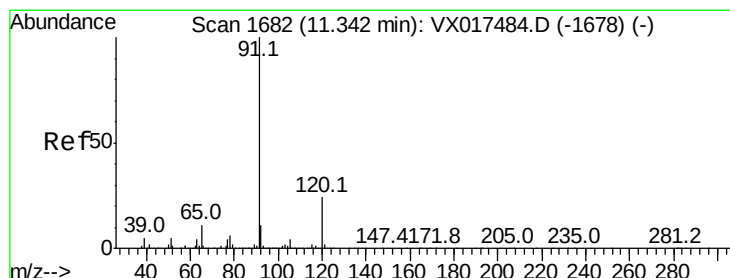
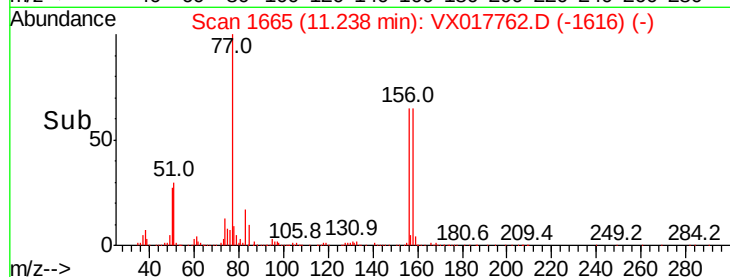
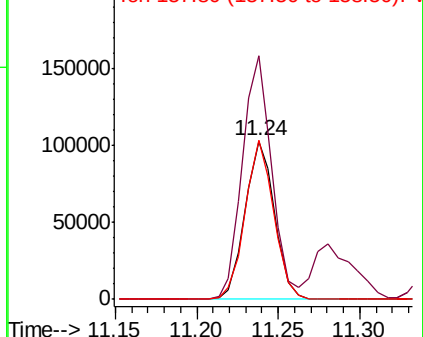
158 97.5 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.354 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017762.D

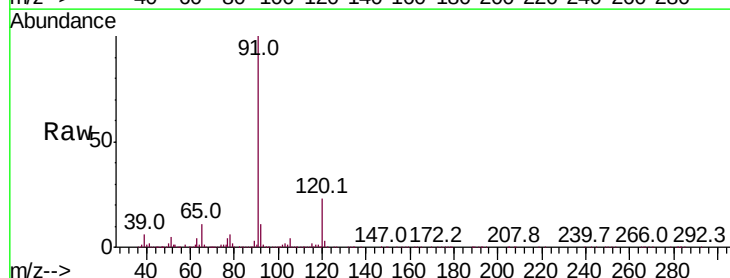
Acq: 04 Aug 2020 11:59

Tgt Ion: 91 Resp: 559254

Ion Ratio Lower Upper

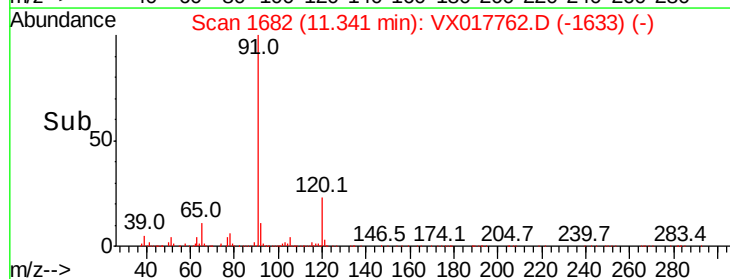
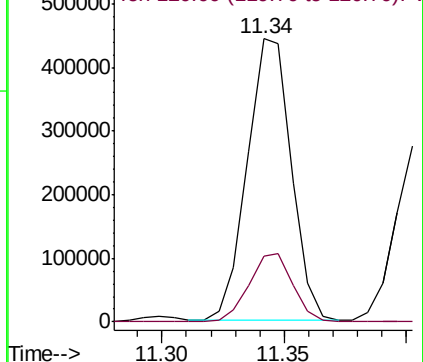
91 100

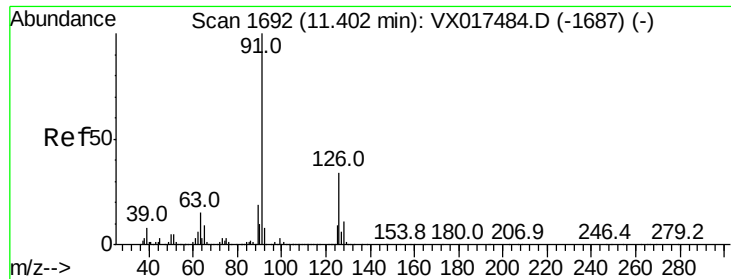
120 24.0 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.712 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Instrument :

MSVOA_X

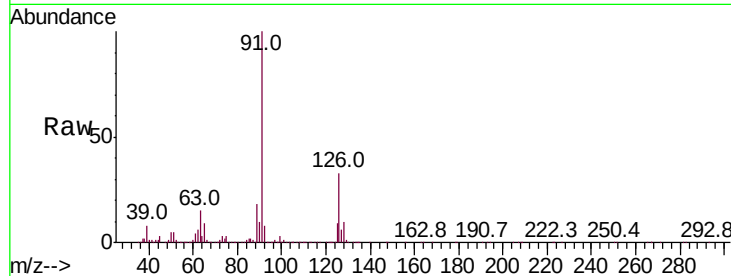
ClientSampleId :

Tot Ion: 91 Resp: 334950

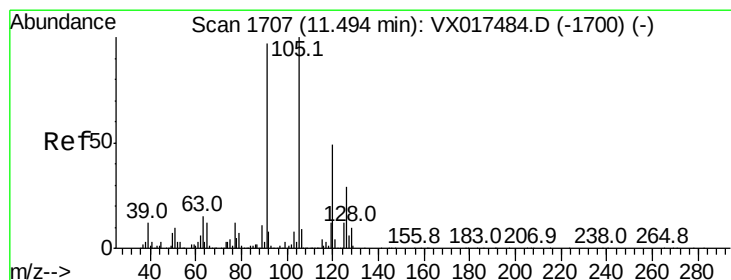
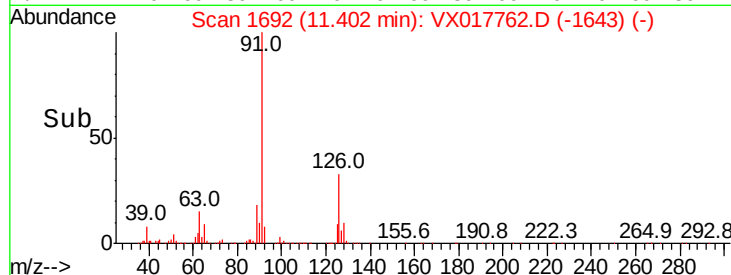
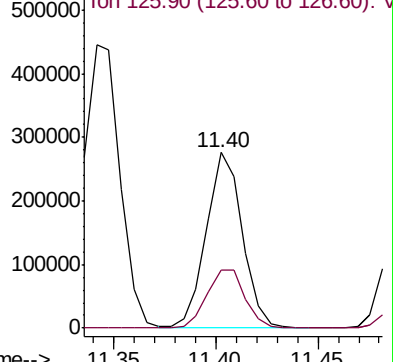
Ion Ratio Lower Upper

91 100

126 35.5 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX017484.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.104 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017762.D

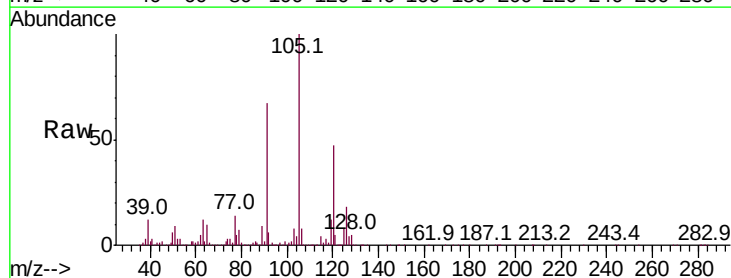
Acq: 04 Aug 2020 11:59

Tgt Ion:105 Resp: 417909

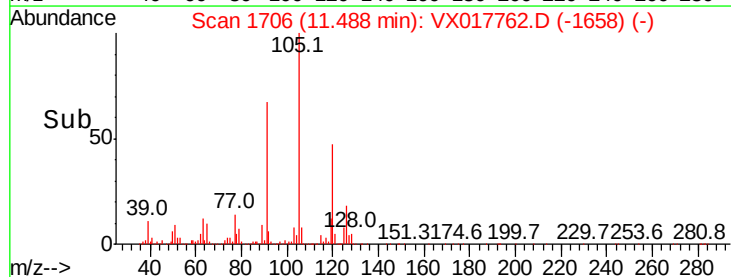
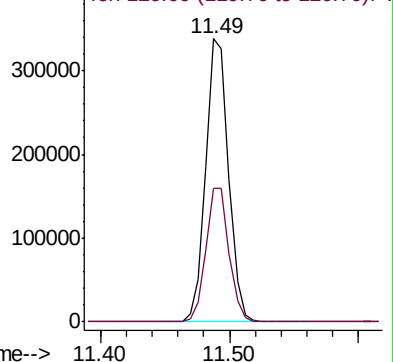
Ion Ratio Lower Upper

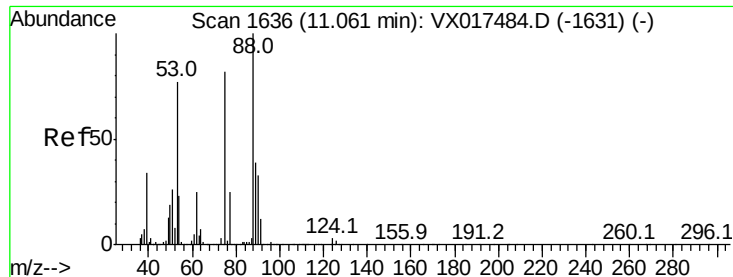
105 100

120 47.7 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): VX017484.D (-1700) (-)

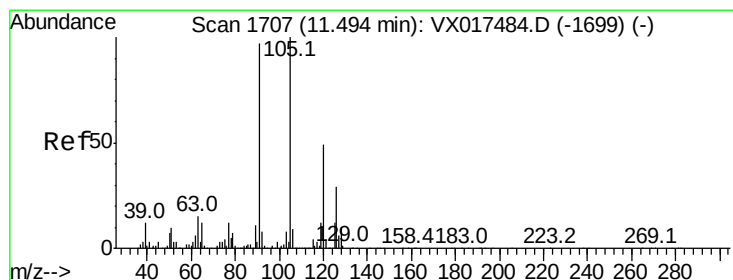
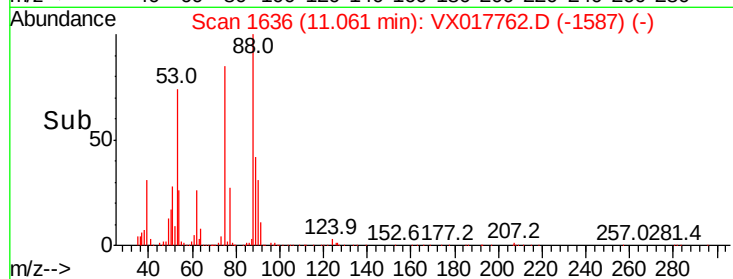
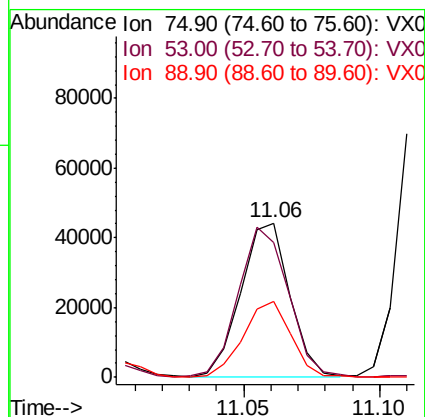
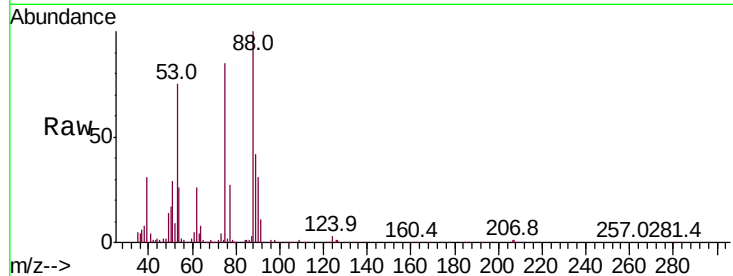




#81
trans-1,4-Dichloro-2-butene
Concen: 18.013 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

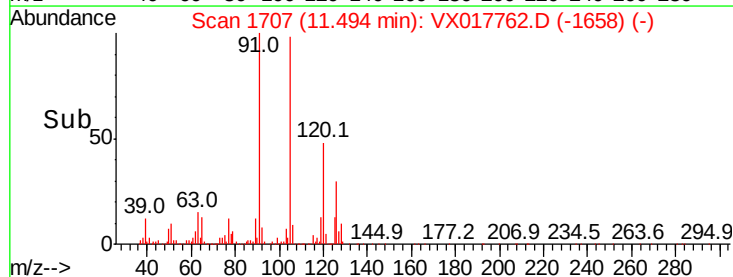
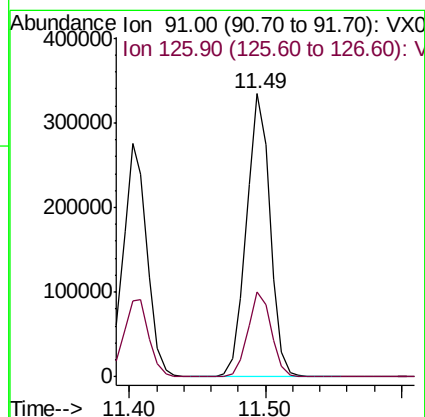
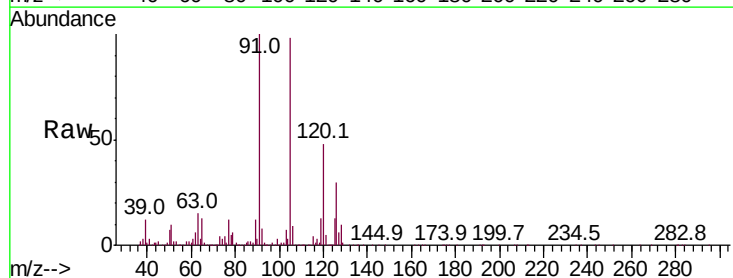
Instrument :
MSVOA_X
ClientSampleId :

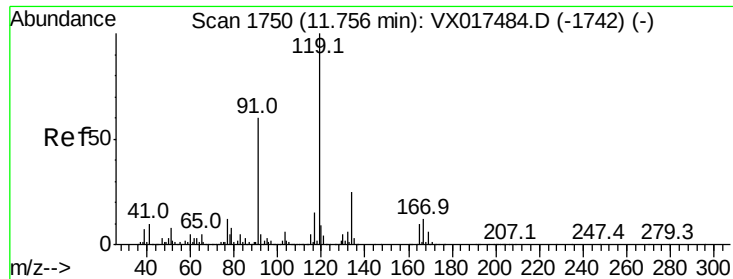
Tot Ion: 75 Resp: 54920
Ion Ratio Lower Upper
75 100
53 99.5 75.9 113.9
89 48.7 37.8 56.6



#82
4-Chlorotoluene
Concen: 19.141 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Tgt Ion: 91 Resp: 404157
Ion Ratio Lower Upper
91 100
126 30.0 15.2 45.6

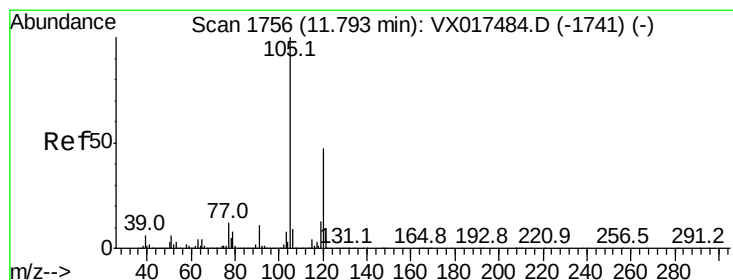
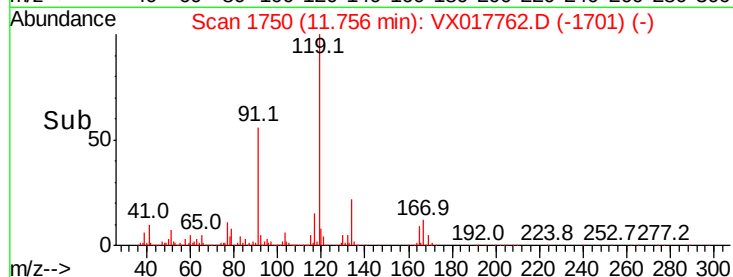
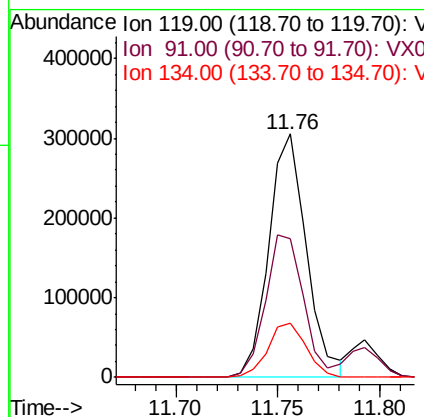
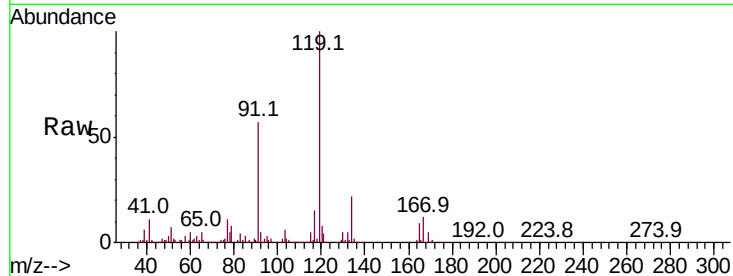




#83
 tert-Butylbenzene
 Concen: 18.828 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017762.D
 Acq: 04 Aug 2020 11:59

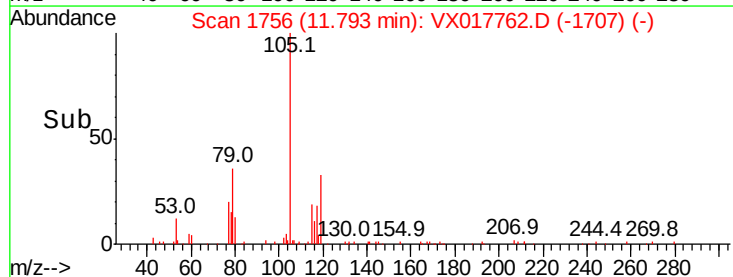
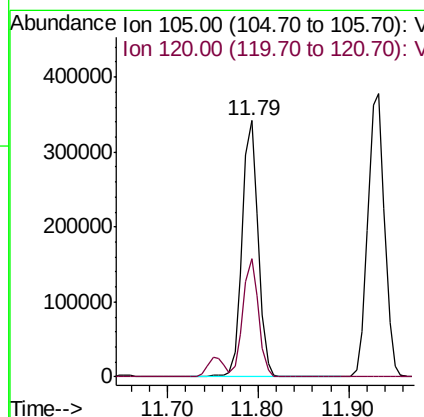
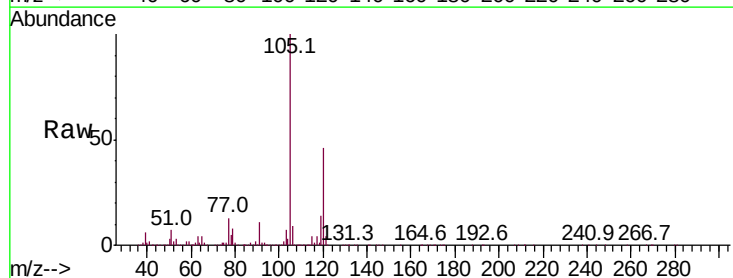
Instrument :
 MSVOA_X
 ClientSampleId :

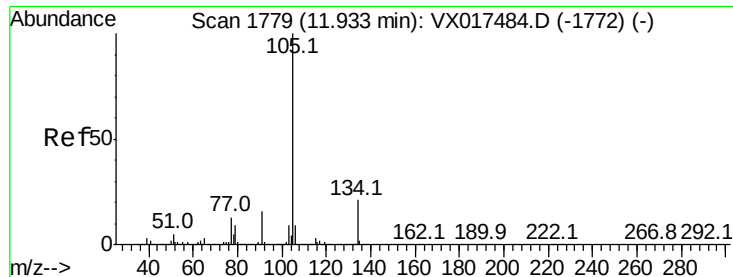
Tot Ion	Ratio	Lower	Upper
119	100		
91	58.7	29.3	88.0
134	22.7	11.2	33.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.249 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017762.D
 Acq: 04 Aug 2020 11:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.7	68.0

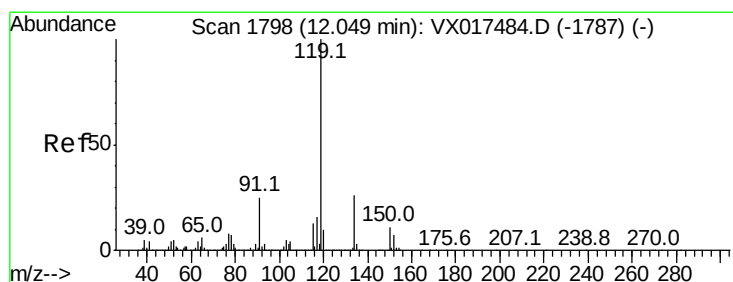
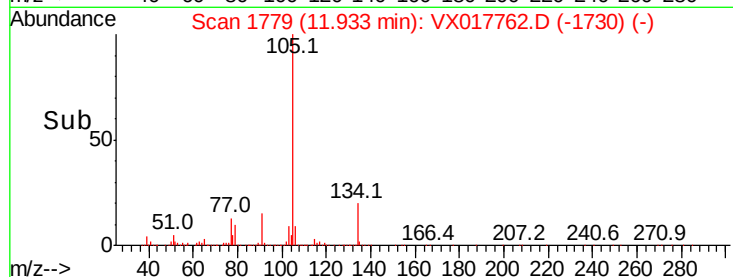
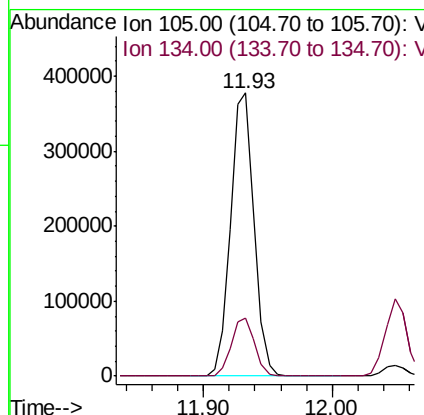
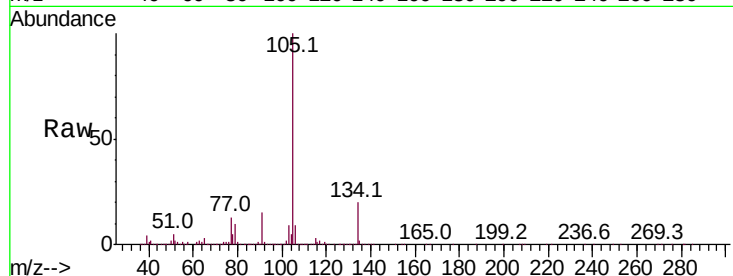




#85
 sec-Butylbenzene
 Concen: 19.776 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017762.D
 Acq: 04 Aug 2020 11:59

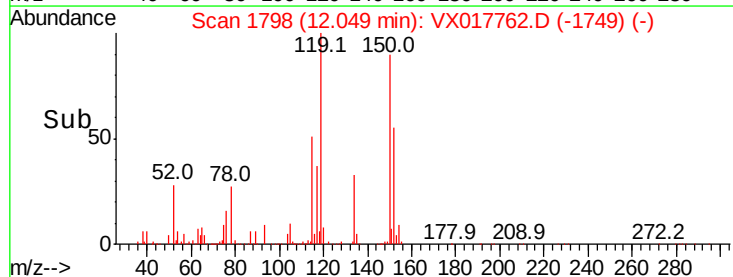
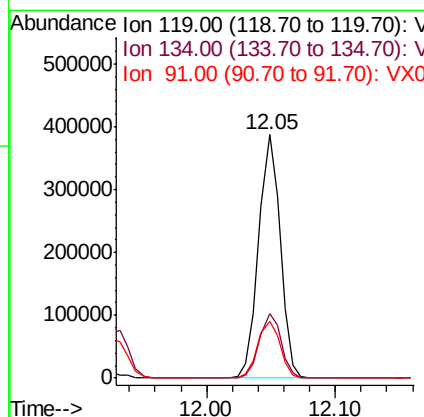
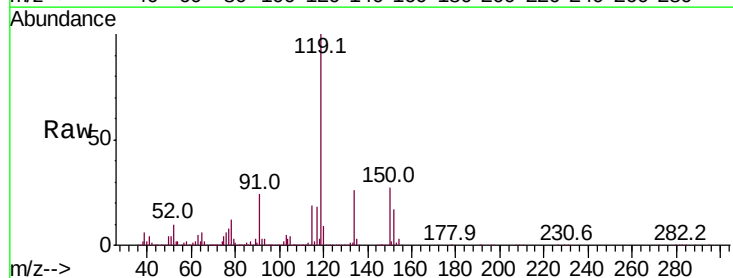
Instrument :
 MSVOA_X
 ClientSampleId :

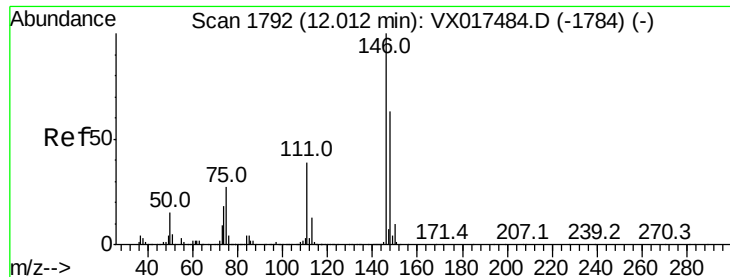
Tot Ion:105 Resp: 482206
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 19.148 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017762.D
 Acq: 04 Aug 2020 11:59

Tgt Ion:119 Resp: 444615
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.1 39.3
 91 24.5 12.1 36.3

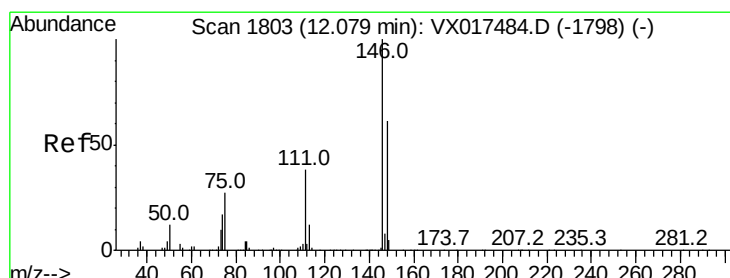
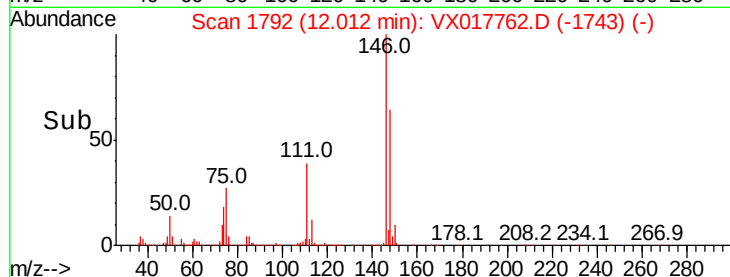
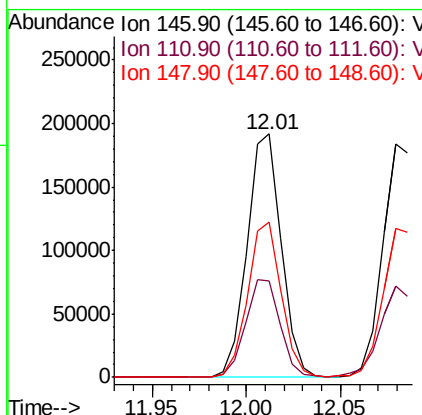
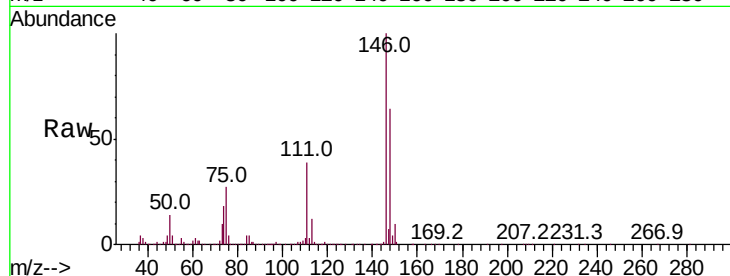




#87
 1,3-Dichlorobenzene
 Concen: 19.561 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017762.D
 Acq: 04 Aug 2020 11:59

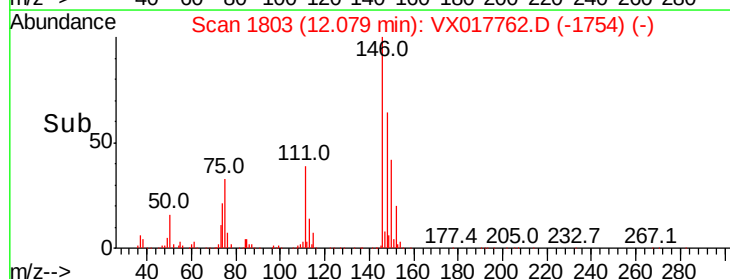
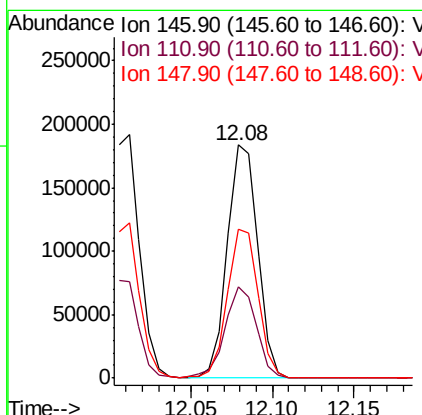
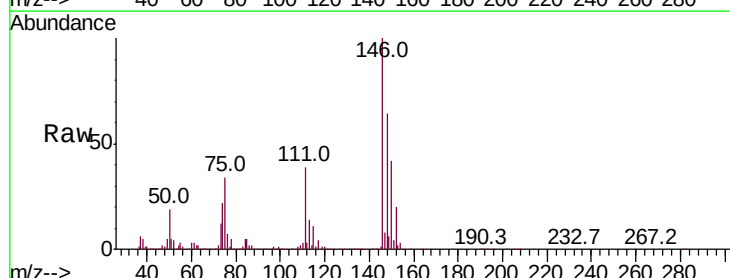
Instrument :
 MSVOA_X
 ClientSampled :

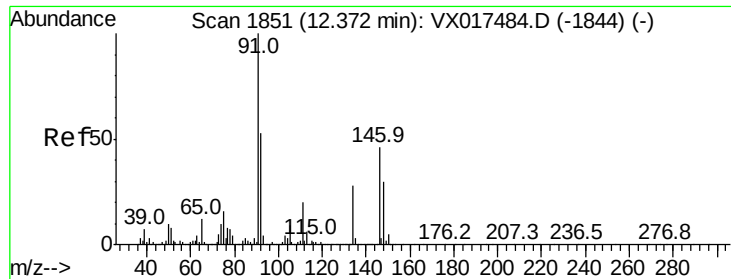
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.9	59.7
148	62.8	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 18.665 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017762.D
 Acq: 04 Aug 2020 11:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.3	57.8
148	64.6	32.2	96.6

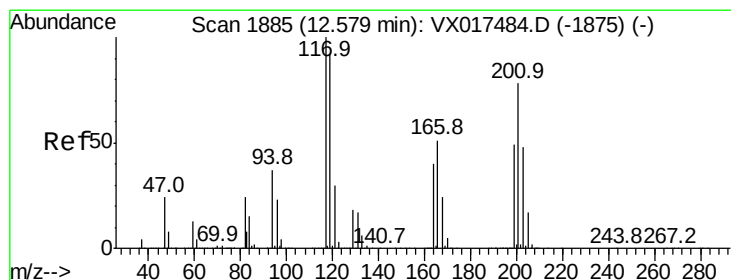
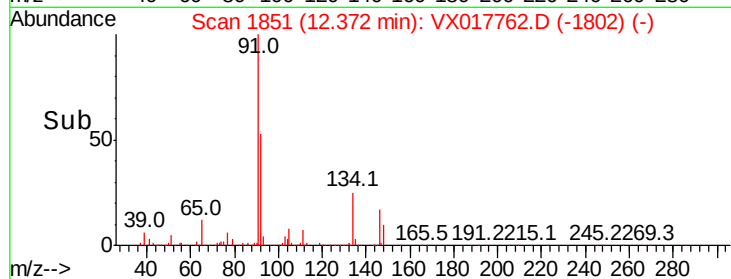
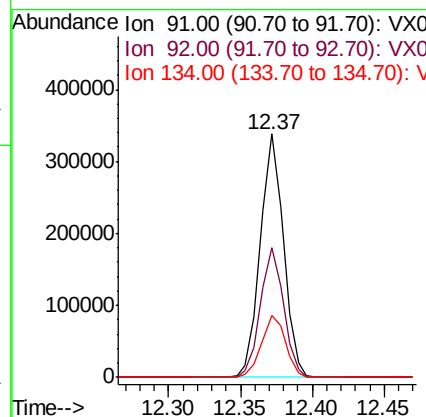
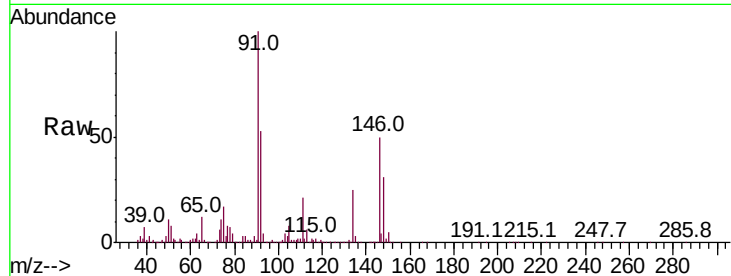




#89
n-Butylbenzene
Concen: 18.101 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

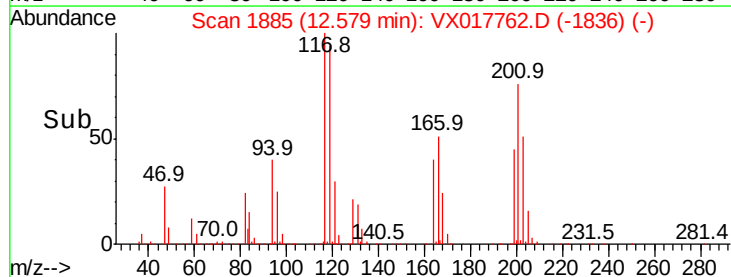
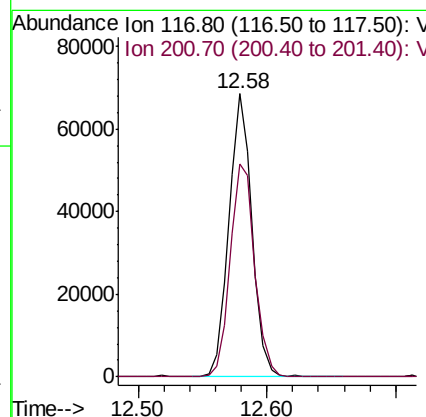
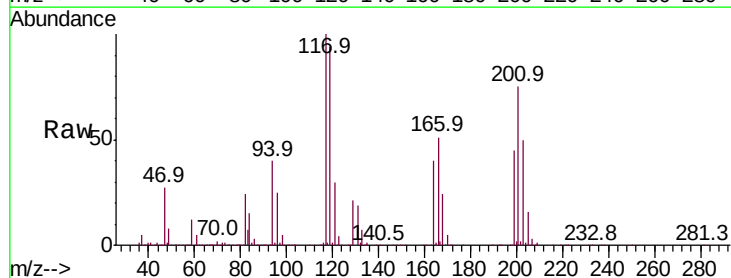
Instrument :
MSVOA_X
ClientSampled :

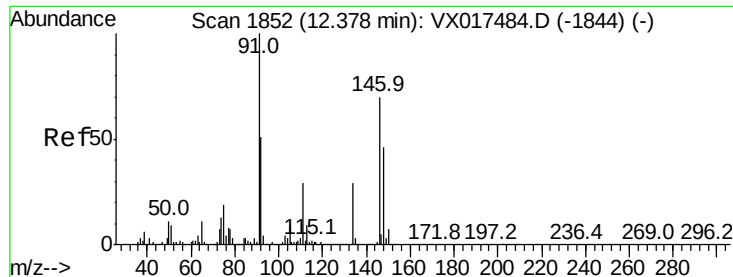
Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.7	80.1
134	26.4	13.6	40.7



#90
Hexachloroethane
Concen: 18.886 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017762.D
Acq: 04 Aug 2020 11:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.7	42.2	126.6





#91

1,2-Dichlorobenzene

Concen: 18.768 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017762.D

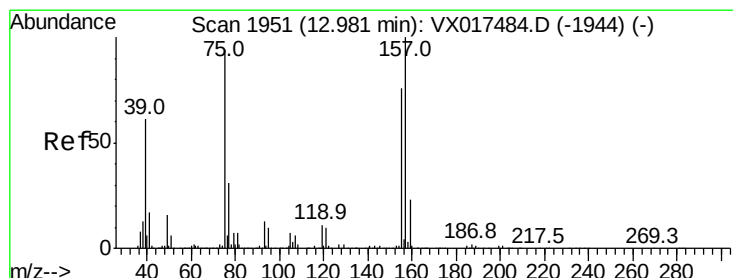
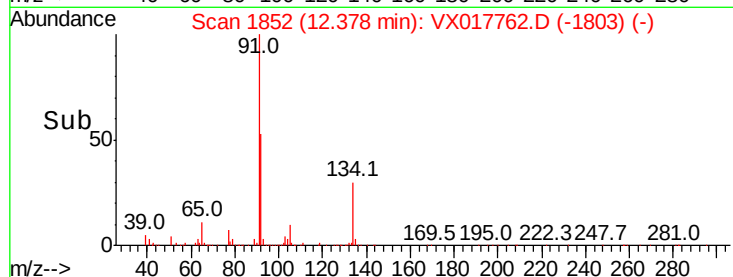
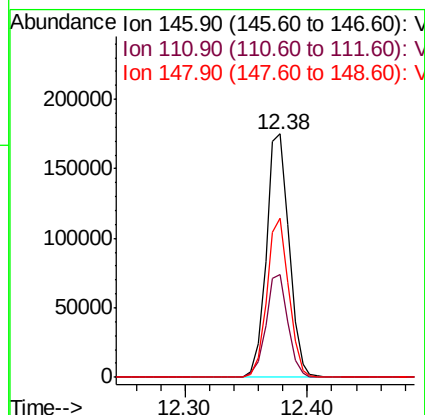
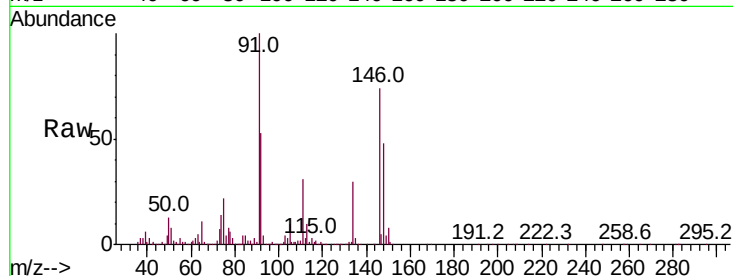
Acq: 04 Aug 2020 11:59

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	146	Resp:	227196
Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.9	62.8
148	62.9	32.8	98.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.748 ug/l

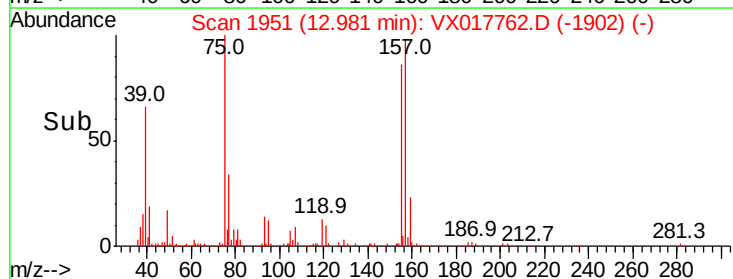
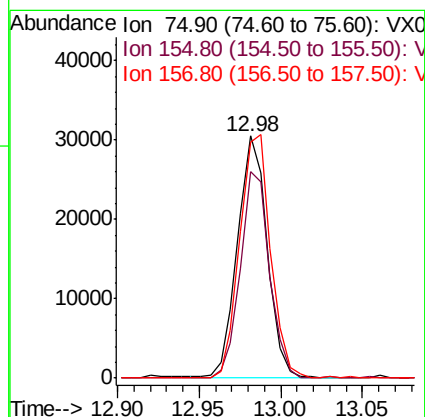
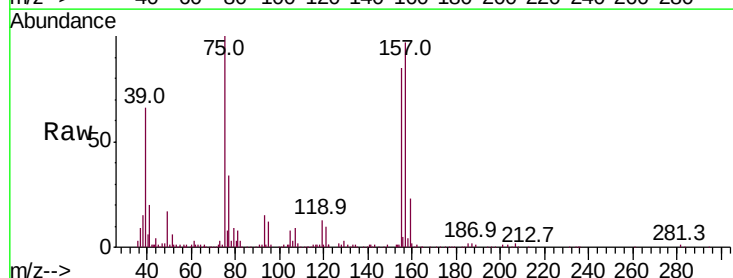
RT: 12.98 min Scan# 1951

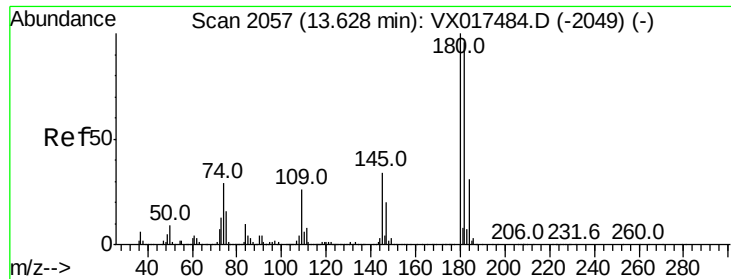
Delta R.T. 0.00 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Tgt Ion:	75	Resp:	38559
Ion	Ratio	Lower	Upper
75	100		
155	84.5	42.3	126.8
157	104.9	54.3	162.9





#93

1,2,4-Trichlorobenzene

Concen: 18.553 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Instrument :

MSVOA_X

ClientSampleId :

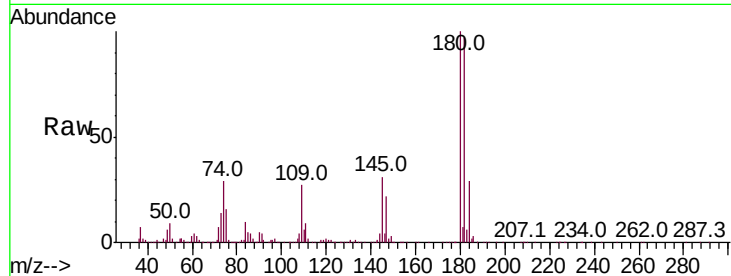
Tot Ion:180 Resp: 153286

Ion Ratio Lower Upper

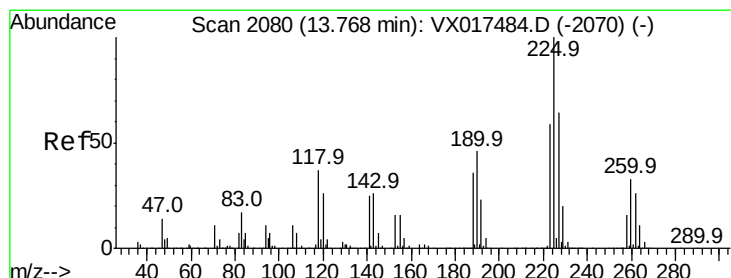
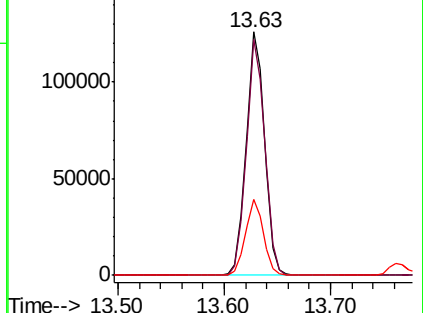
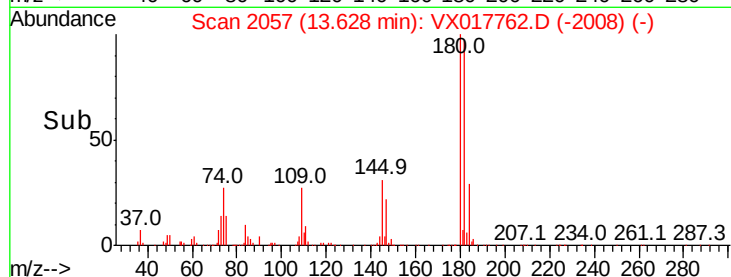
180 100

182 97.0 47.5 142.6

145 30.6 15.4 46.4



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 19.381 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

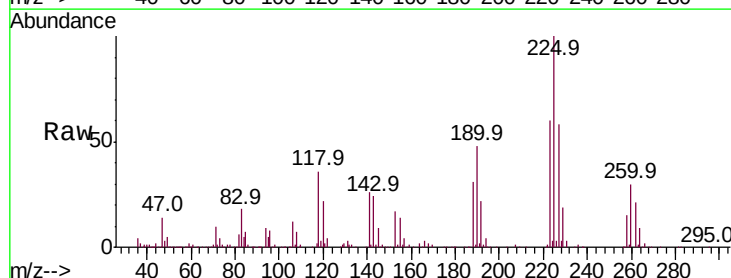
Tgt Ion:225 Resp: 73708

Ion Ratio Lower Upper

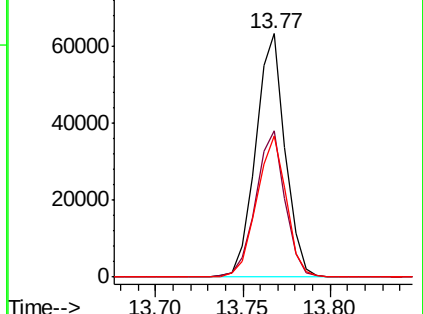
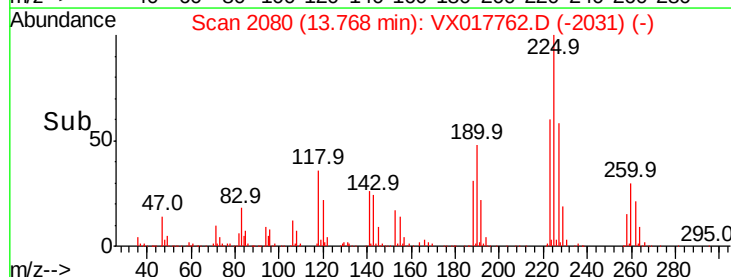
225 100

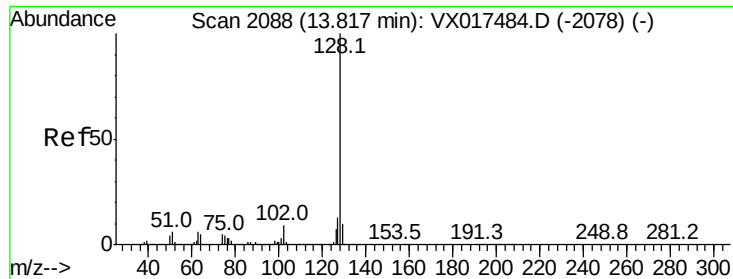
223 60.0 30.3 90.9

227 58.4 31.1 93.2



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.622 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

Instrument :

MSVOA_X

ClientSampleId :

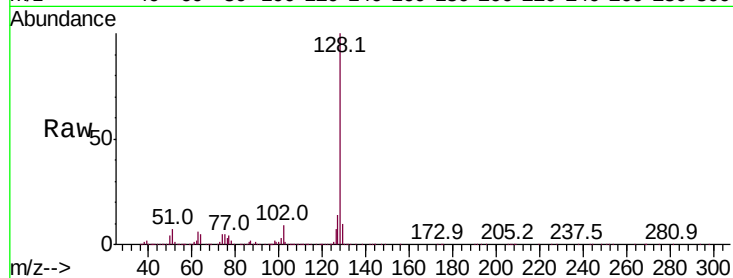
Tot Ion:128 Resp: 483945

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

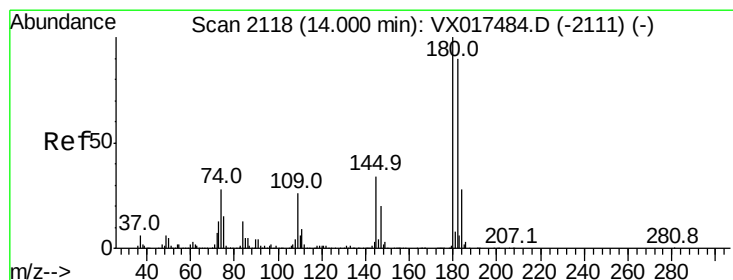
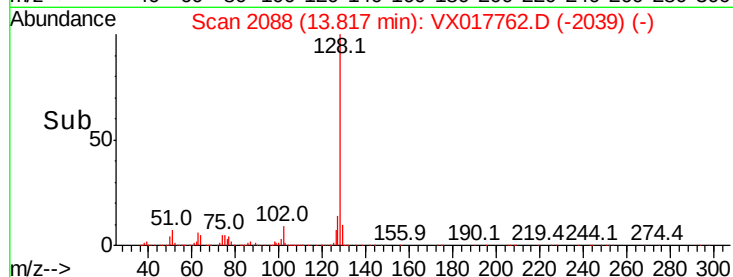
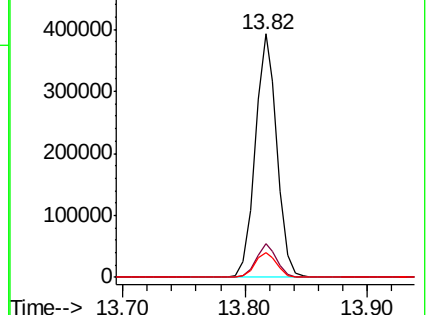
129 10.5 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.748 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX017762.D

Acq: 04 Aug 2020 11:59

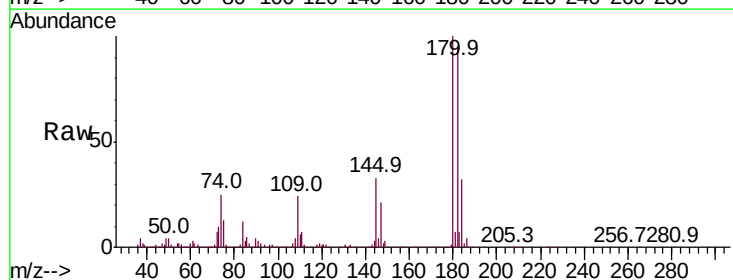
Tgt Ion:180 Resp: 161095

Ion Ratio Lower Upper

180 100

182 94.6 47.4 142.3

145 32.6 16.3 48.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

