

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072920\
 Data File : VX017668.D
 Acq On : 29 Jul 2020 12:08
 Operator : JC/SP
 Sample : VX0729WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 30 04:34:40 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	530683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	777985	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	753358	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	396505	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	330748	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
35) Dibromofluoromethane	5.46	113	267610	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
50) Toluene-d8	8.70	98	901733	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
62) 4-Bromofluorobenzene	11.12	95	378970	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	94084	18.467	ug/l	100
3) Chloromethane	1.32	50	107427	16.623	ug/l	100
4) Vinyl Chloride	1.39	62	112418	16.834	ug/l	100
5) Bromomethane	1.63	94	81113	20.821	ug/l	97
6) Chloroethane	1.71	64	67999	17.977	ug/l	97
7) Trichlorofluoromethane	1.92	101	185329	17.644	ug/l	99
8) Diethyl Ether	2.17	74	66661	18.723	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	102011	17.698	ug/l	96
10) Methyl Iodide	2.50	142	116600	15.812	ug/l	94
11) Tert butyl alcohol	3.01	59	123178	85.736	ug/l	99
12) 1,1-Dichloroethene	2.36	96	93427	17.044	ug/l	97
13) Acrolein	2.27	56	79360	75.297	ug/l	99
14) Allyl chloride	2.71	41	173263	17.311	ug/l	98
15) Acrylonitrile	3.12	53	273808	88.236	ug/l	99
16) Acetone	2.42	43	252594	84.188	ug/l	98
17) Carbon Disulfide	2.55	76	266196	15.978	ug/l	99
18) Methyl Acetate	2.75	43	128549	18.192	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	337462	17.787	ug/l	97
20) Methylene Chloride	2.83	84	110137	18.686	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	106388	18.117	ug/l	97
22) Diisopropyl ether	3.82	45	332477	18.167	ug/l	# 87
23) Vinyl Acetate	3.79	43	1486141	91.077	ug/l	100
24) 1,1-Dichloroethane	3.67	63	189703	17.994	ug/l	99
25) 2-Butanone	4.64	43	376169	88.255	ug/l	97
26) 2,2-Dichloropropane	4.55	77	173976	18.436	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	115844	18.163	ug/l	99
28) Bromochloromethane	4.98	49	93094	19.487	ug/l	96
29) Tetrahydrofuran	5.09	42	242693	91.923	ug/l	98
30) Chloroform	5.18	83	198485	18.426	ug/l	96
31) Cyclohexane	5.55	56	150270	17.875	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	187073	18.417	ug/l	99
36) 1,1-Dichloropropene	5.77	75	140920	18.886	ug/l	99
37) Ethyl Acetate	4.79	43	147482	18.065	ug/l	98
38) Carbon Tetrachloride	5.76	117	169380	18.693	ug/l	97

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 30 04:34:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	148974	17.103	ug/l	98
40) Benzene	6.11	78	385943	18.041	ug/l	98
41) Methacrylonitrile	5.00	41	82773	17.688	ug/l	98
42) 1,2-Dichloroethane	6.16	62	166198	18.991	ug/l	98
43) Isopropyl Acetate	6.42	43	239368	17.770	ug/l	100
44) Trichloroethene	7.19	130	119031	19.040	ug/l	96
45) 1,2-Dichloropropane	7.49	63	109281	18.428	ug/l	99
46) Dibromomethane	7.64	93	76463	18.245	ug/l	98
47) Bromodichloromethane	7.87	83	156306	18.536	ug/l	92
48) Methyl methacrylate	7.74	41	117416	17.585	ug/l	97
49) 1,4-Dioxane	7.72	88	47940	374.484	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	679683	84.567	ug/l	100
52) Toluene	8.76	92	262679	19.147	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	170208	18.031	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	177053	18.388	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	101237	17.714	ug/l	96
56) Ethyl methacrylate	9.16	69	154625	17.958	ug/l	99
57) 1,3-Dichloropropane	9.35	76	165871	17.626	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	435415	95.986	ug/l	98
59) 2-Hexanone	9.48	43	551946	91.214	ug/l	98
60) Dibromochloromethane	9.57	129	128083	17.633	ug/l	98
61) 1,2-Dibromoethane	9.65	107	111536	18.331	ug/l	100
64) Tetrachloroethene	9.32	164	123195	18.220	ug/l	97
65) Chlorobenzene	10.12	112	295007	18.091	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	122626	18.633	ug/l	97
67) Ethyl Benzene	10.23	91	501258	18.415	ug/l	96
68) m/p-Xylenes	10.34	106	359596	34.101	ug/l	97
69) o-Xylene	10.68	106	171587	16.919	ug/l	99
70) Styrene	10.70	104	294250	17.052	ug/l	99
71) Bromoform	10.84	173	101264	17.760	ug/l #	96
73) Isopropylbenzene	11.00	105	508371	18.689	ug/l	100
74) N-amyl acetate	10.88	43	191191	15.820	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	154306	18.174	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	194606	23.860	ug/l	82
77) Bromobenzene	11.24	156	144952	19.035	ug/l	97
78) n-propylbenzene	11.34	91	586970	19.133	ug/l	99
79) 2-Chlorotoluene	11.40	91	354398	18.649	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	444941	19.158	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	56004	17.302	ug/l	93
82) 4-Chlorotoluene	11.49	91	420704	18.767	ug/l	99
83) tert-Butylbenzene	11.76	119	416320	18.734	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	445586	19.290	ug/l	100
85) sec-Butylbenzene	11.93	105	486215	18.782	ug/l	98
86) p-Isopropyltoluene	12.05	119	447501	18.152	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	246912	18.882	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	245572	18.130	ug/l	98
89) n-Butylbenzene	12.37	91	393782	17.926	ug/l	98
90) Hexachloroethane	12.58	117	84137	17.311	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	228845	17.806	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	36405	16.957	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
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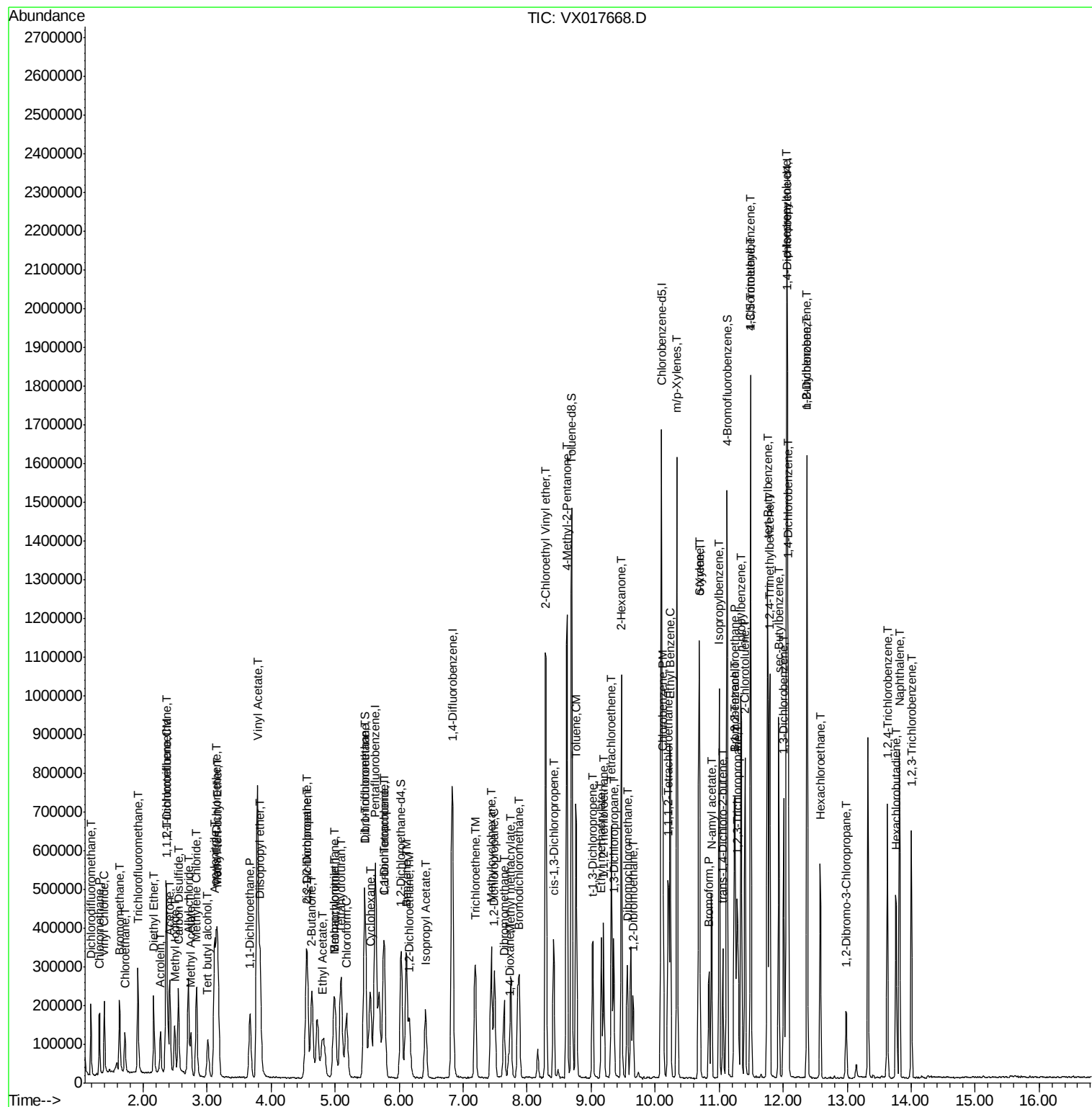
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	163140	18.599	ug/l	97
94) Hexachlorobutadiene	13.77	225	70510	17.463	ug/l	97
95) Naphthalene	13.82	128	490474	18.731	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	156365	18.054	ug/l	99

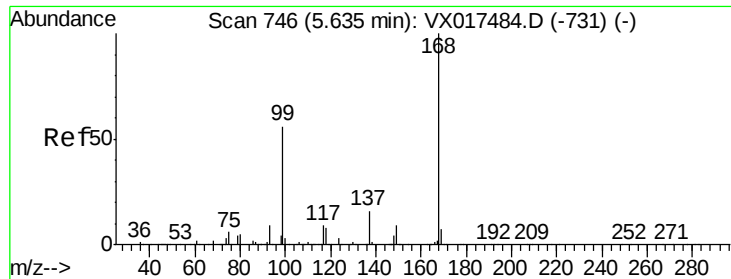
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072920\
Data File : VX017668.D
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Operator : JC/SP
Sample : VX0729WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 30 04:34:40 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017668.D

Acq: 29 Jul 2020 12:08

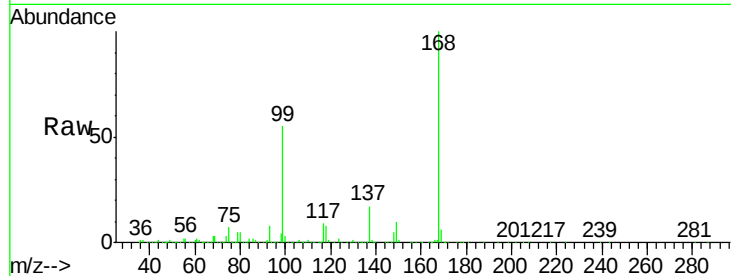
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 530683

Ion Ratio Lower Upper

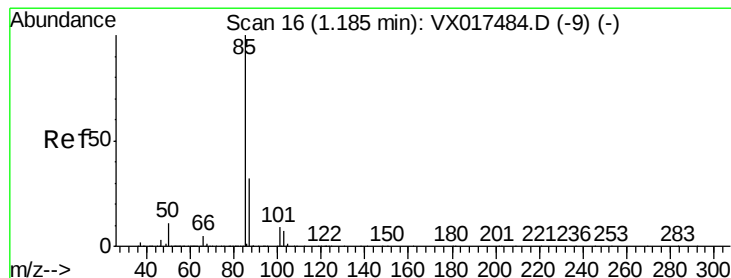
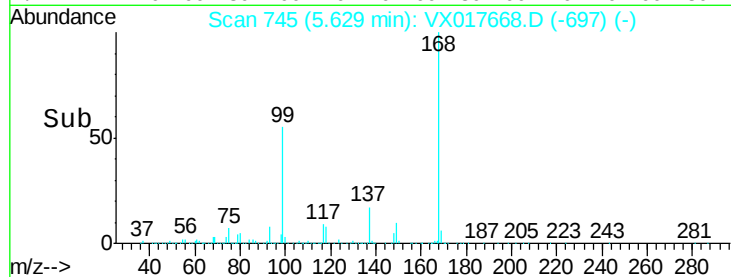
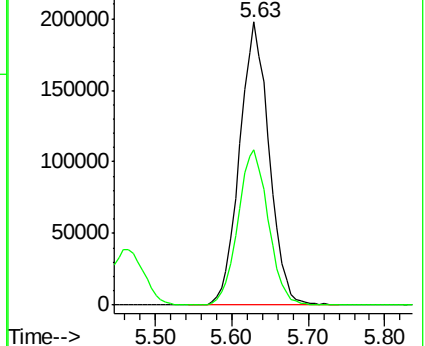
168 100

99 55.0 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.467 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017668.D

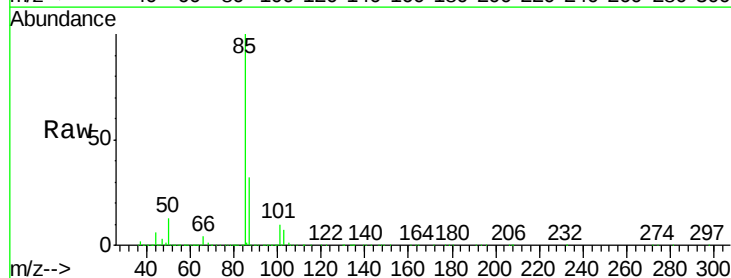
Acq: 29 Jul 2020 12:08

Tgt Ion: 85 Resp: 94084

Ion Ratio Lower Upper

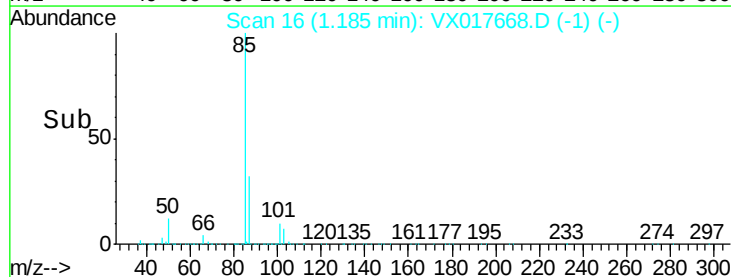
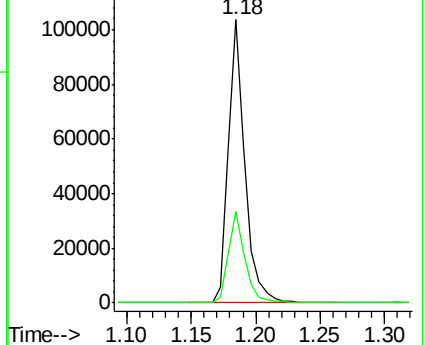
85 100

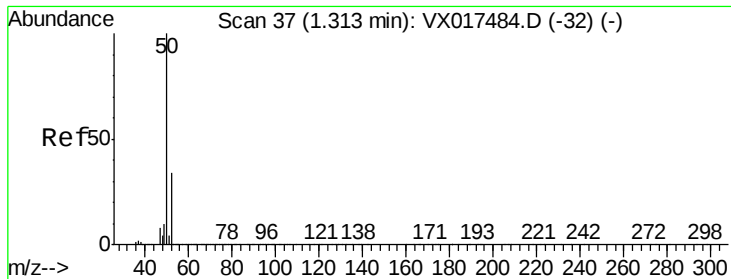
87 32.3 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

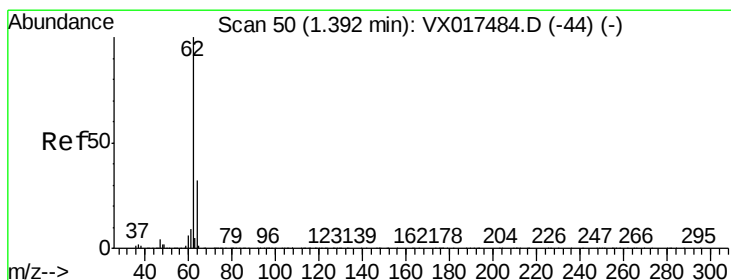
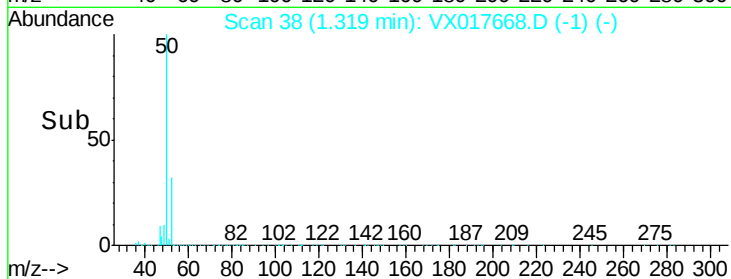
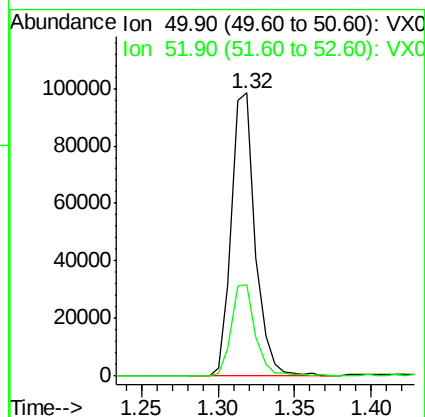
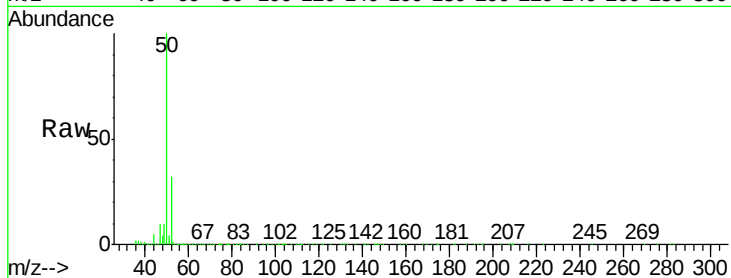




#3
Chloromethane
Concen: 16.623 ug/l
RT: 1.32 min Scan# 38
Delta R.T. 0.01 min
Lab File: VX017668.D
Acq: 29 Jul 2020 12:08

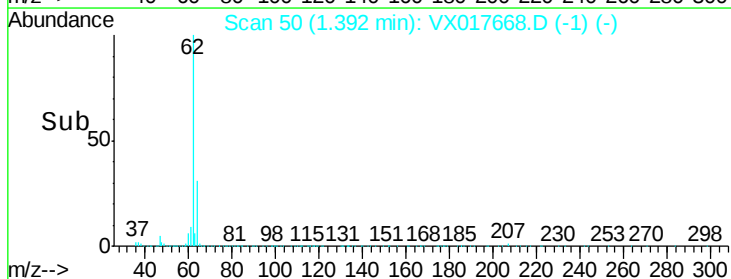
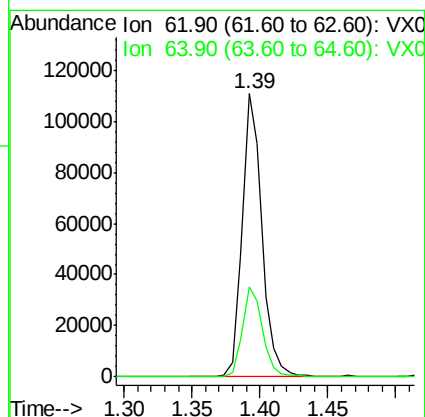
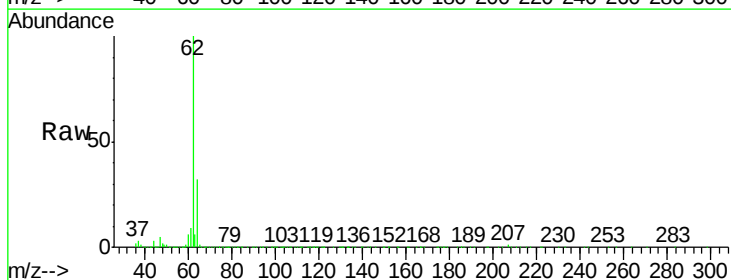
Instrument :
MSVOA_X
ClientSampled :

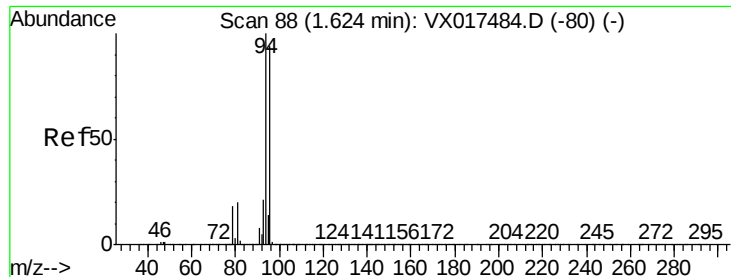
Tot Ion: 50 Resp: 107427
Ion Ratio Lower Upper
50 100
52 32.2 25.9 38.9



#4
Vinyl Chloride
Concen: 16.834 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX017668.D
Acq: 29 Jul 2020 12:08

Tgt Ion: 62 Resp: 112418
Ion Ratio Lower Upper
62 100
64 31.6 25.2 37.8





#5

Bromomethane

Concen: 20.821 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017668.D

Acq: 29 Jul 2020 12:08

Instrument :

MSVOA_X

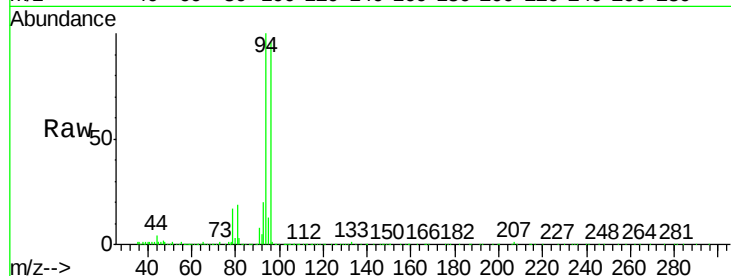
ClientSampleId :

Tot Ion: 94 Resp: 81113

Ion Ratio Lower Upper

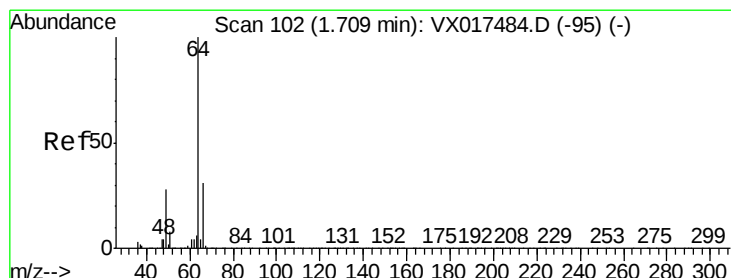
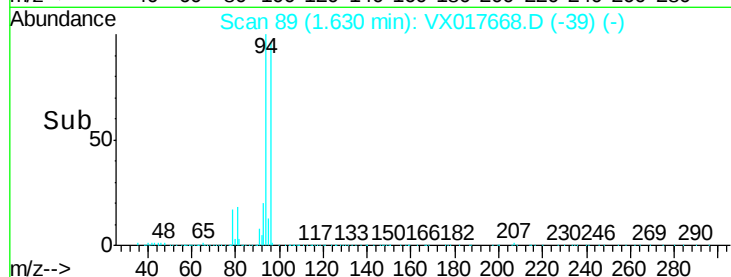
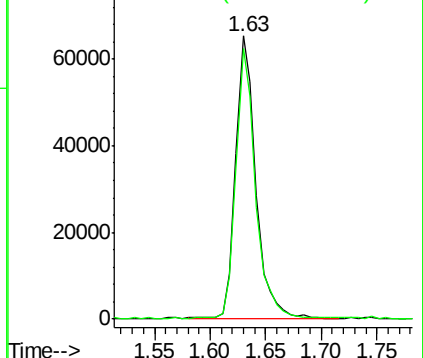
94 100

96 95.5 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.977 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017668.D

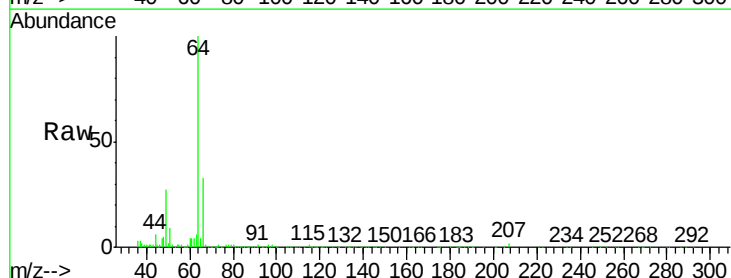
Acq: 29 Jul 2020 12:08

Tgt Ion: 64 Resp: 67999

Ion Ratio Lower Upper

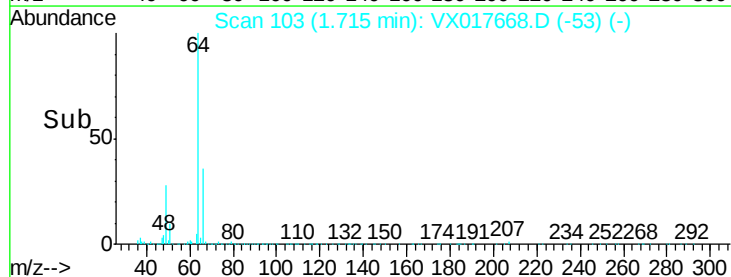
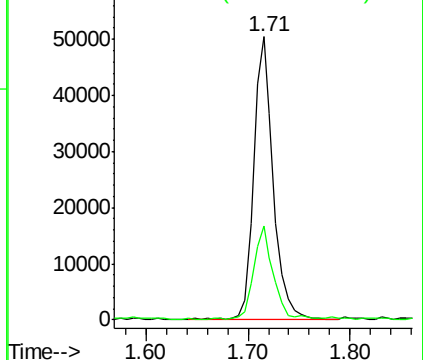
64 100

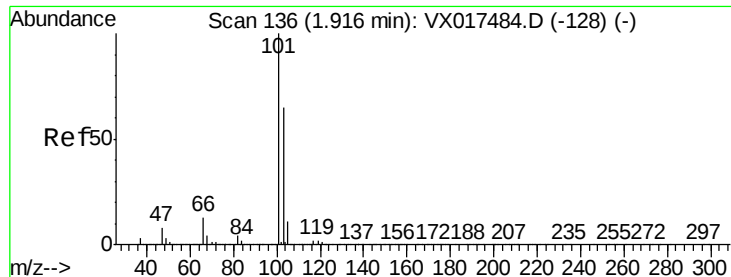
66 32.9 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



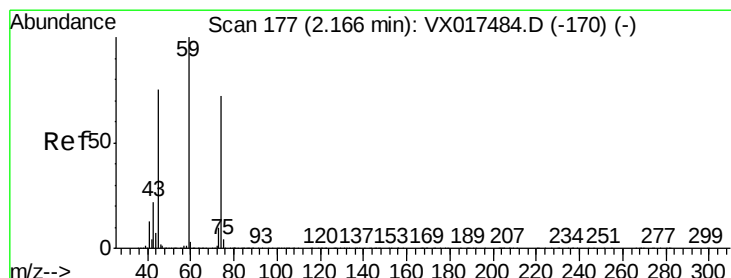
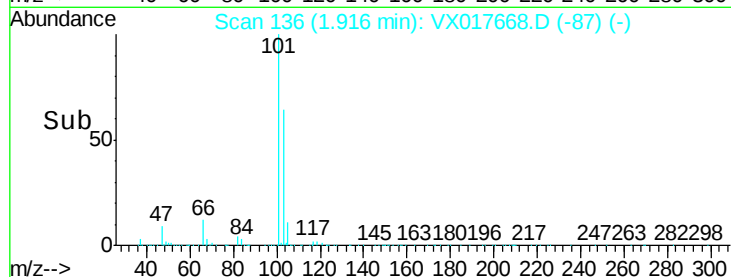
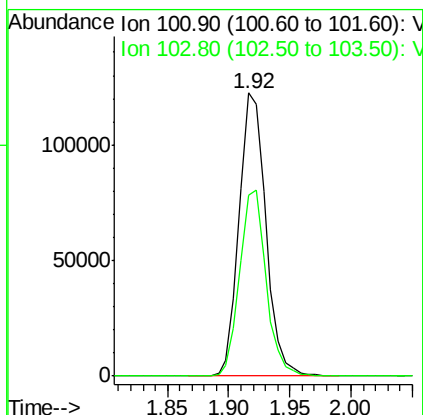
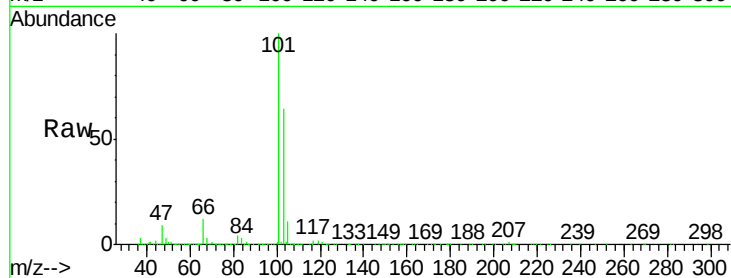


#7

Trichlorofluoromethane
Concen: 17.644 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017668.D
Acq: 29 Jul 2020 12:08

Instrument :
MSVOA_X
ClientSampleId :

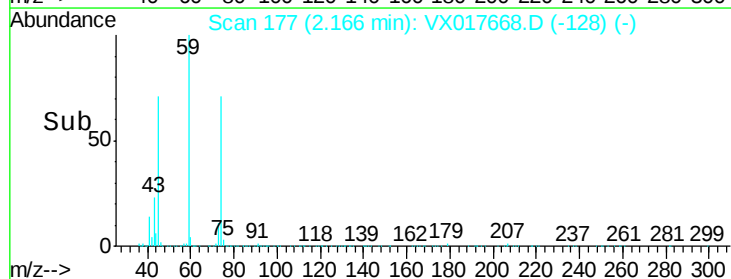
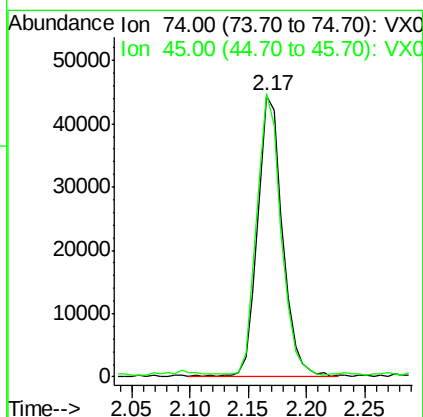
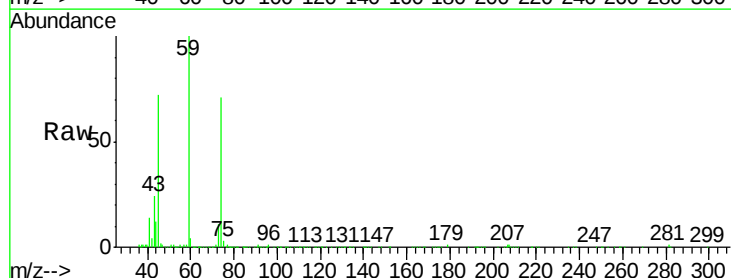
Tot Ion:101 Resp: 185329
Ion Ratio Lower Upper
101 100
103 63.9 51.8 77.8

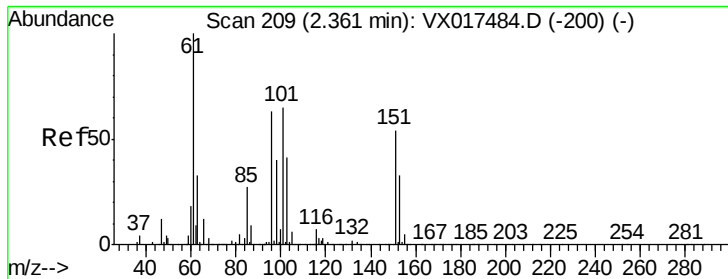


#8

Diethyl Ether
Concen: 18.723 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017668.D
Acq: 29 Jul 2020 12:08

Tgt Ion: 74 Resp: 66661
Ion Ratio Lower Upper
74 100
45 96.7 50.8 152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.698 ug/l

RT: 2.37 min Scan# 211

Delta R.T. 0.01 min

Lab File: VX017668.D

Acq: 29 Jul 2020 12:08

Instrument :

MSVOA_X

ClientSampleId :

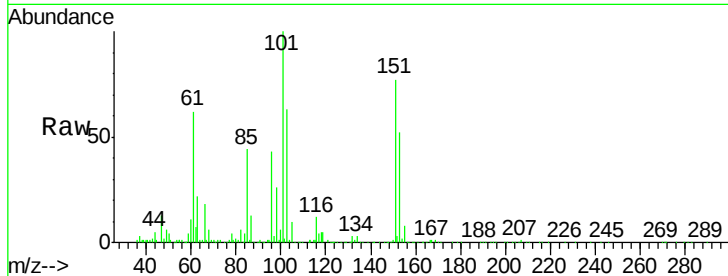
Tot Ion:101 Resp: 102011

Ion Ratio Lower Upper

101 100

85 44.0 34.8 52.2

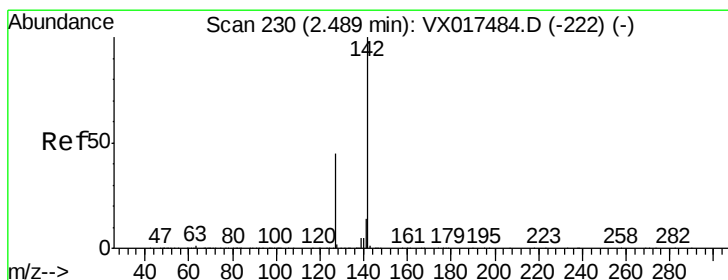
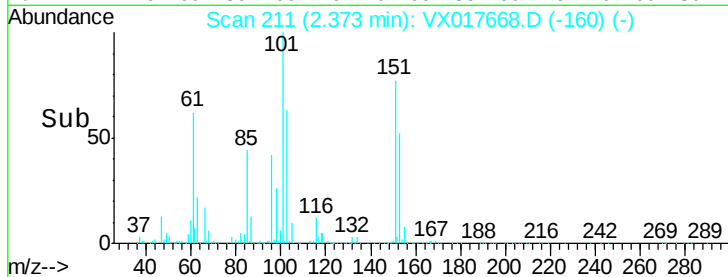
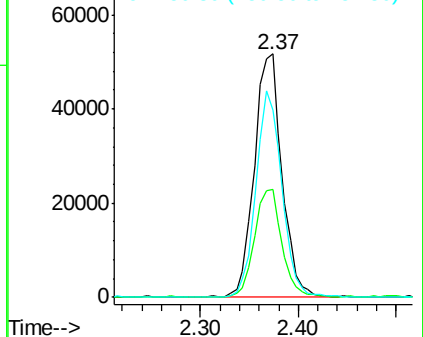
151 79.6 68.0 102.0



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: 15.812 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX017668.D

Acq: 29 Jul 2020 12:08

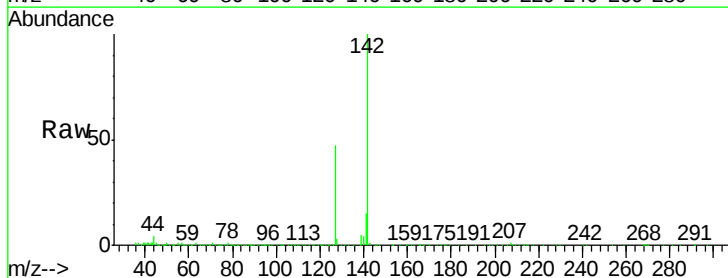
Tgt Ion:142 Resp: 116600

Ion Ratio Lower Upper

142 100

127 50.1 35.9 53.9

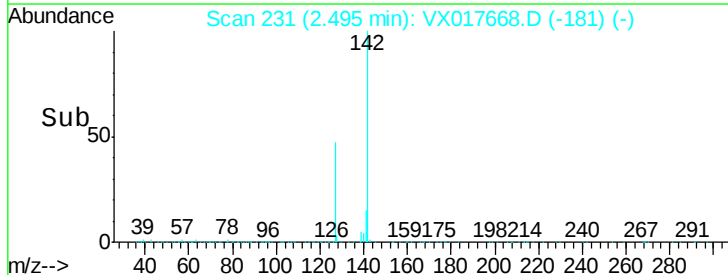
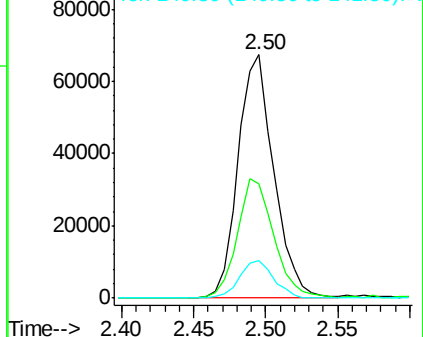
141 14.9 11.4 17.0

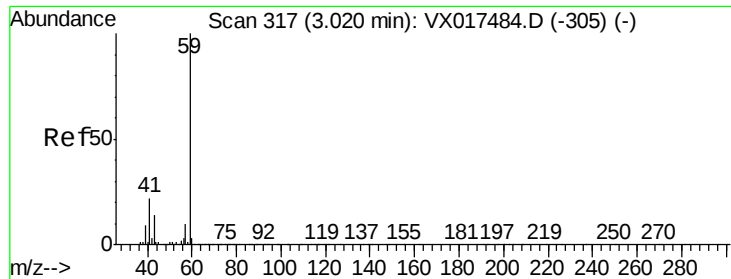


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



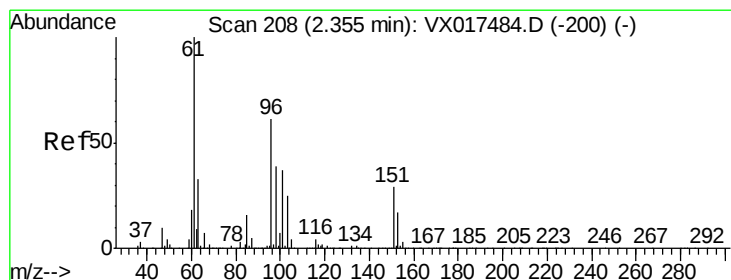
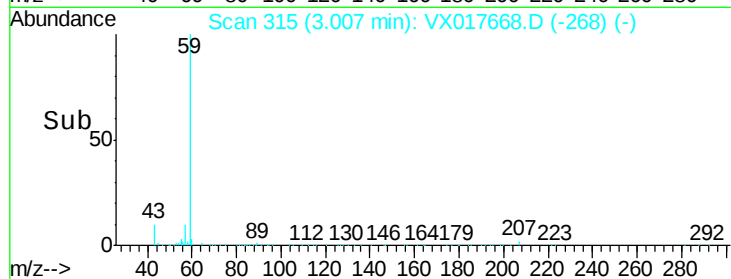
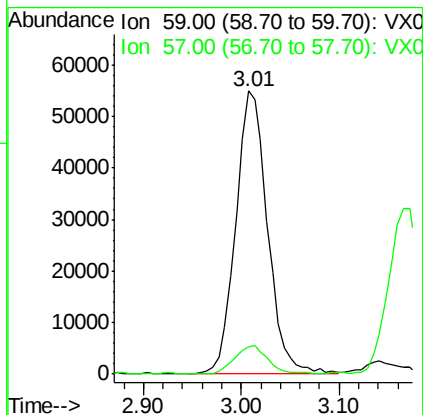
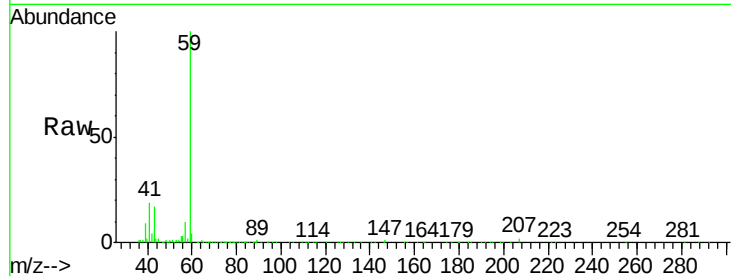


#11

Tert butyl alcohol
Concen: 85.736 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017668.D
Acq: 29 Jul 2020 12:08

Instrument :
MSVOA_X
ClientSampleId :

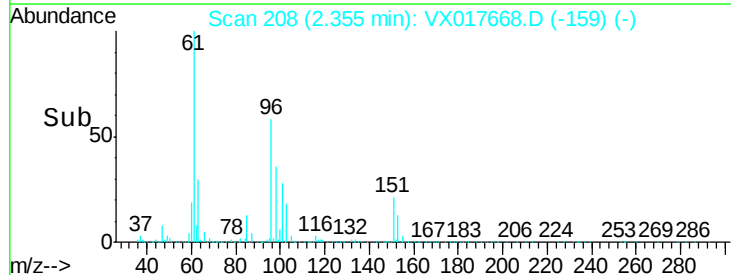
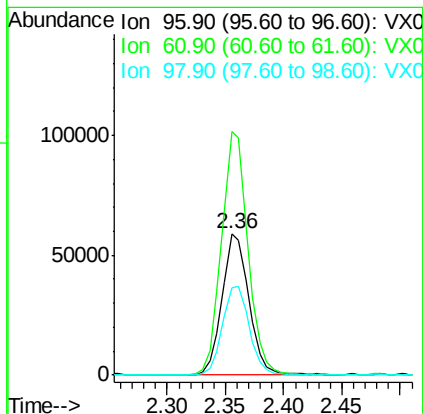
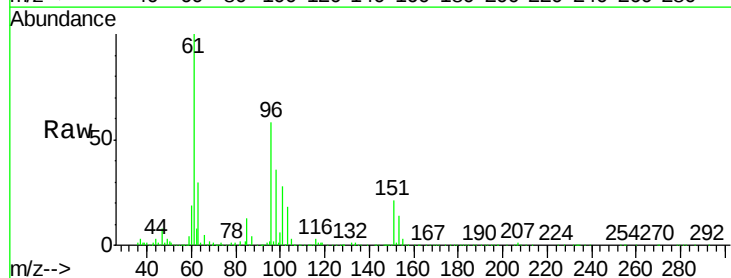
Tot Ion: 59 Resp: 123178
Ion Ratio Lower Upper
59 100
57 10.3 8.6 12.8

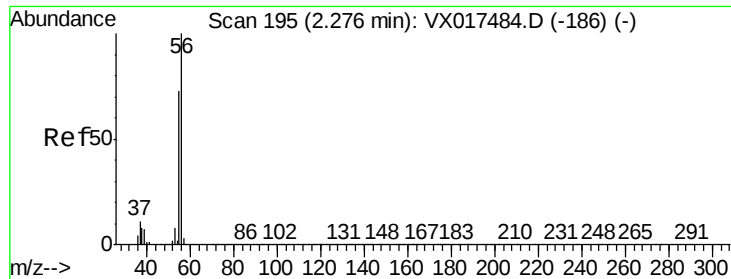


#12

1,1-Dichloroethene
Concen: 17.044 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017668.D
Acq: 29 Jul 2020 12:08

Tgt Ion: 96 Resp: 93427
Ion Ratio Lower Upper
96 100
61 171.7 134.0 201.0
98 62.1 51.0 76.4

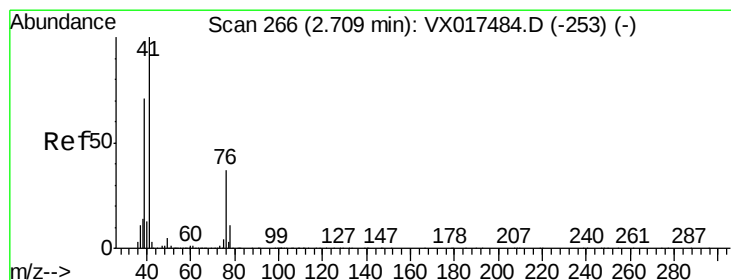
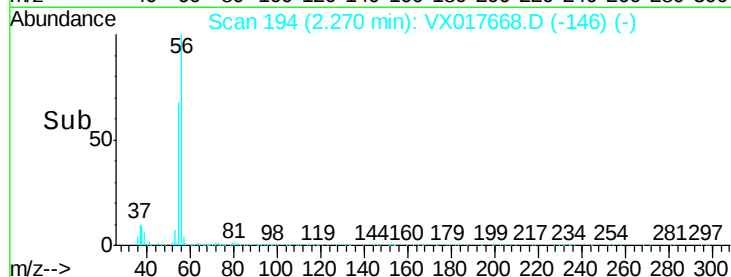
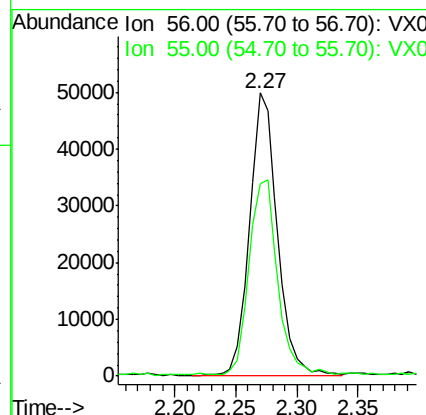
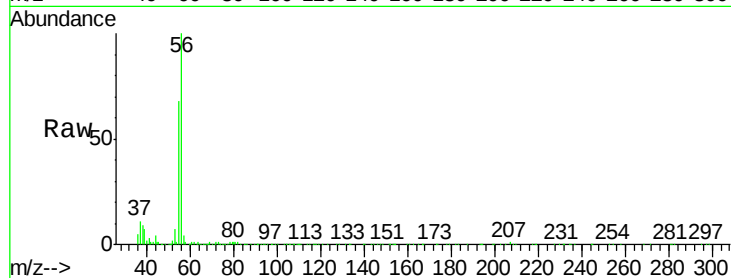




#13
Acrolein
Concen: 75.297 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX017668.D
Acq: 29 Jul 2020 12:08

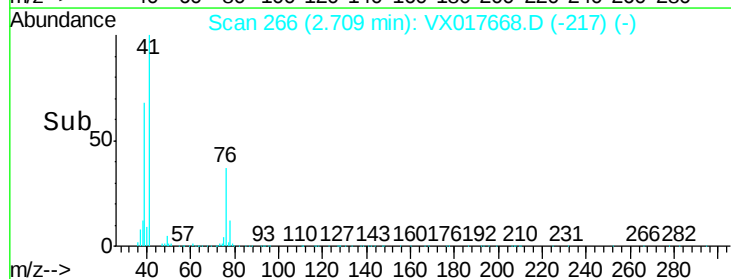
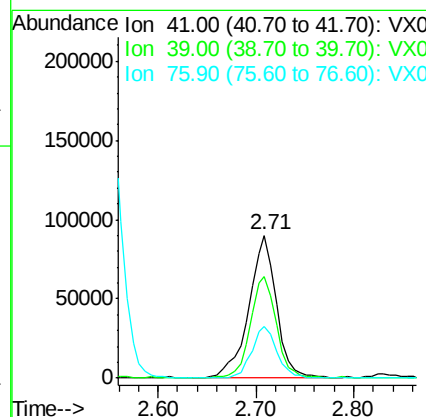
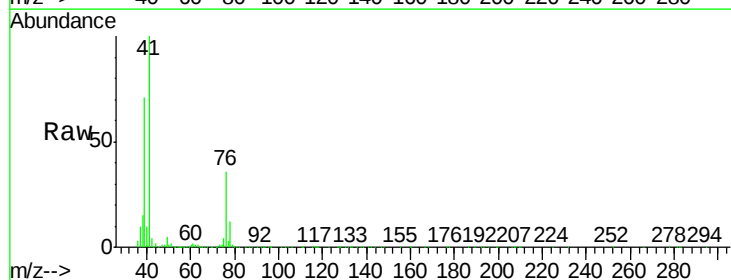
Instrument :
MSVOA_X
ClientSampleId :

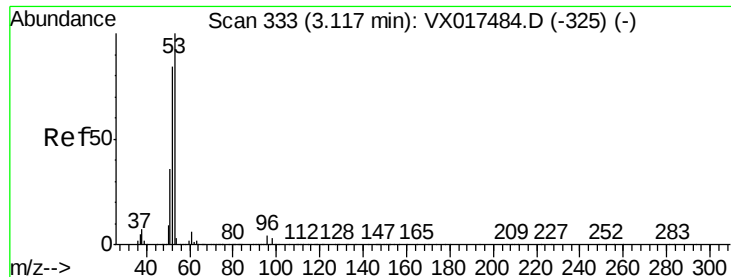
Tot Ion: 56 Resp: 79360
Ion Ratio Lower Upper
56 100
55 70.6 57.4 86.2



#14
Allyl chloride
Concen: 17.311 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX017668.D
Acq: 29 Jul 2020 12:08

Tgt Ion: 41 Resp: 173263
Ion Ratio Lower Upper
41 100
39 66.9 51.9 77.9
76 32.4 25.5 38.3





#15

Acrylonitrile

Concen: 88.236 ug/l

RT: 3.12 min Scan# 333

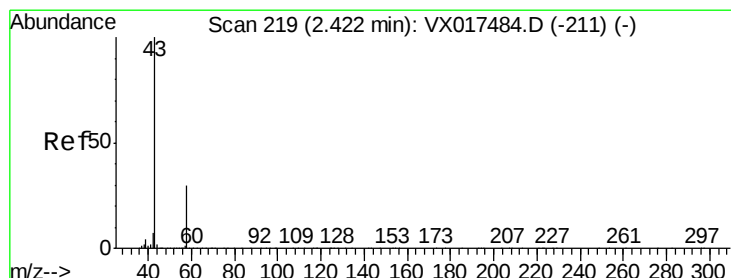
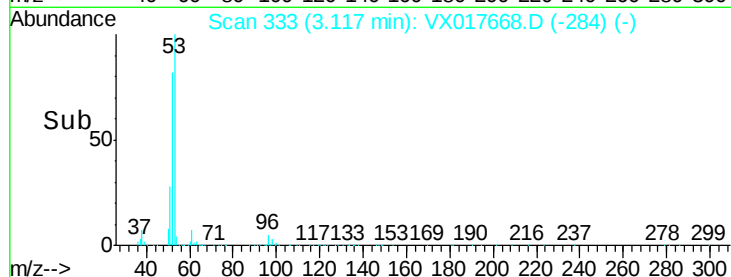
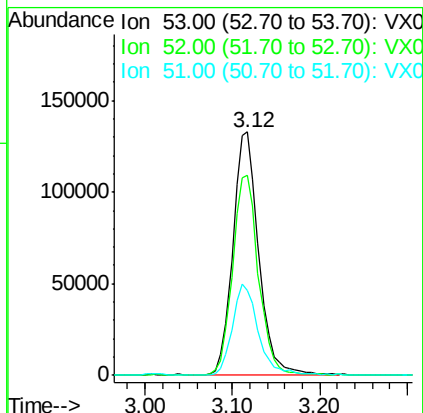
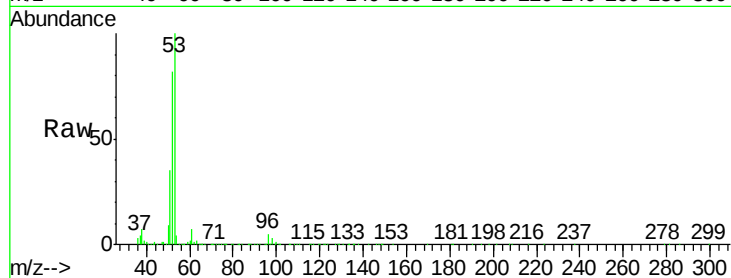
Delta R.T. -0.00 min

Lab File: VX017668.D

Acq: 29 Jul 2020 12:08

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	53	Resp:	273808
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.6	99.8
51	37.5	29.4	44.2



#16

Acetone

Concen: 84.188 ug/l

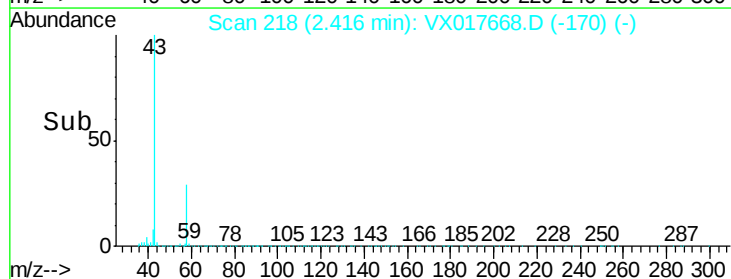
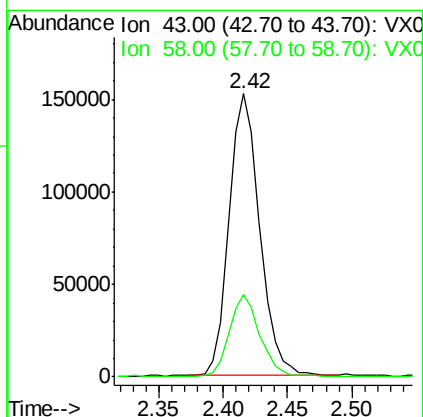
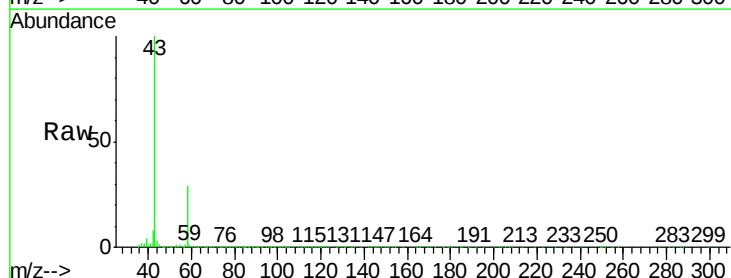
RT: 2.42 min Scan# 218

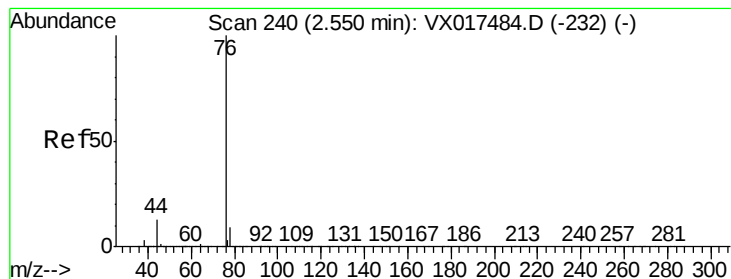
Delta R.T. -0.01 min

Lab File: VX017668.D

Acq: 29 Jul 2020 12:08

Tgt Ion:	43	Resp:	252594
Ion	Ratio	Lower	Upper
43	100		
58	29.2	24.2	36.4





#17

Carbon Disulfide

Concen: 15.978 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017668.D

Acq: 29 Jul 2020 12:08

Instrument :

MSVOA_X

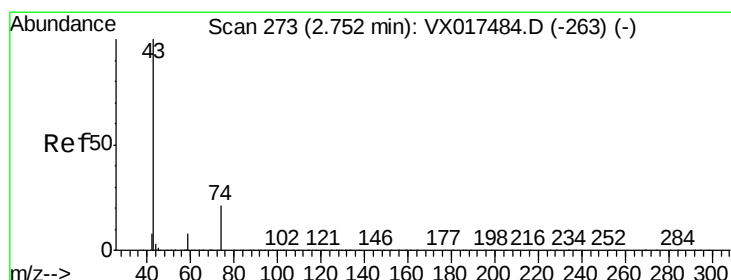
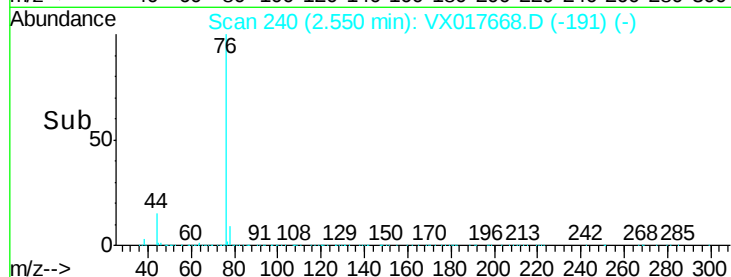
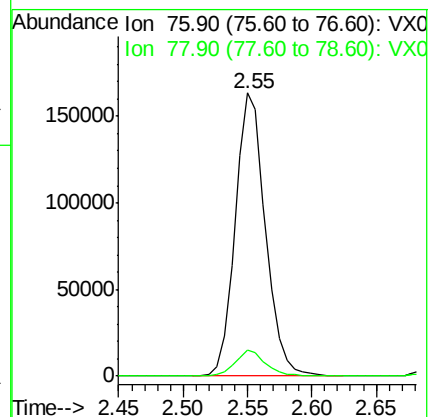
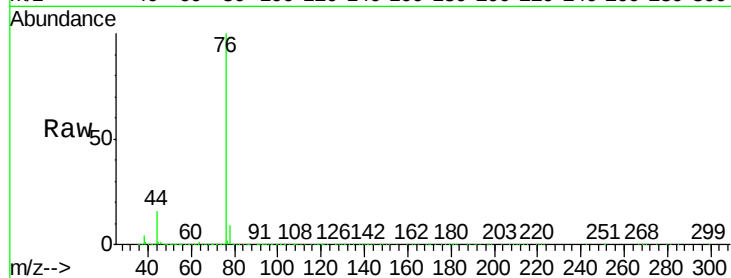
ClientSampleId :

Tot Ion: 76 Resp: 266196

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3



#18

Methyl Acetate

Concen: 18.192 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017668.D

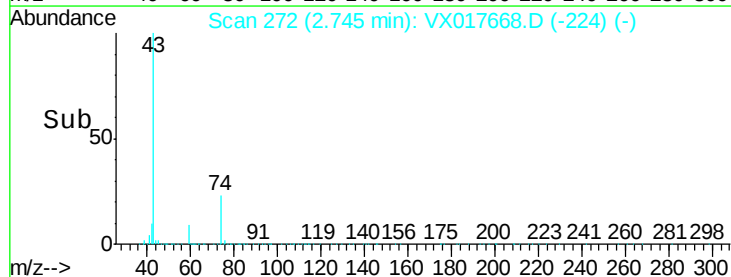
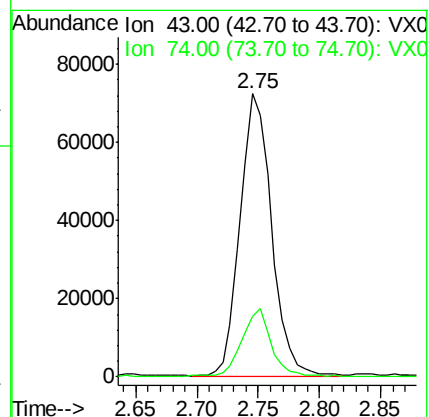
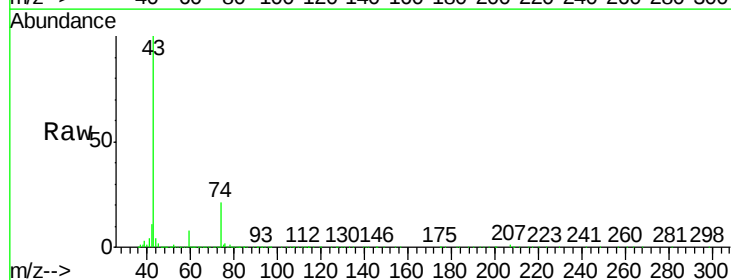
Acq: 29 Jul 2020 12:08

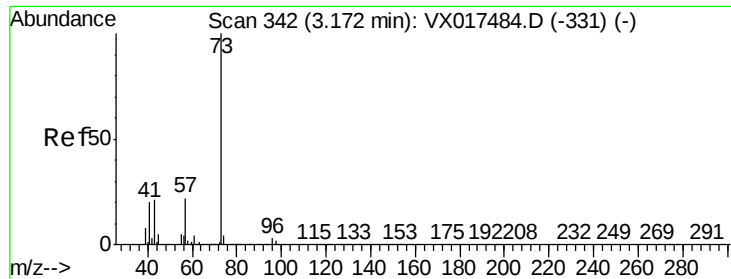
Tgt Ion: 43 Resp: 128549

Ion Ratio Lower Upper

43 100

74 22.5 17.5 26.3

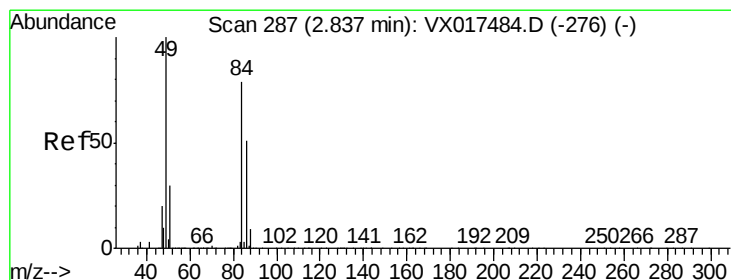
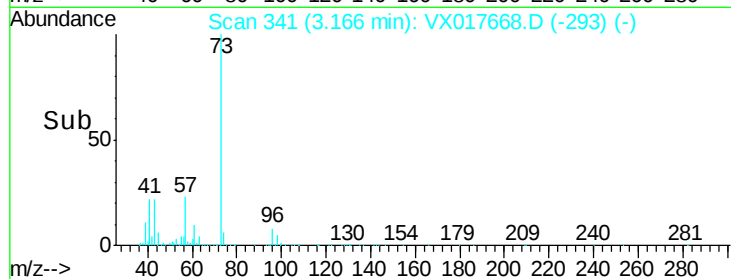
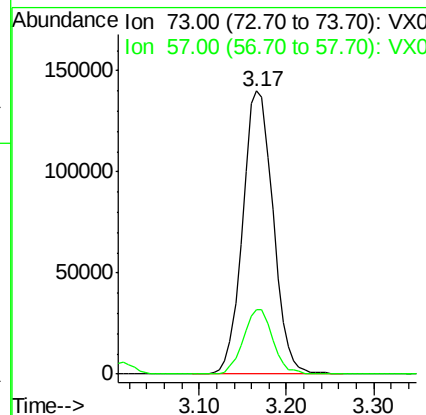
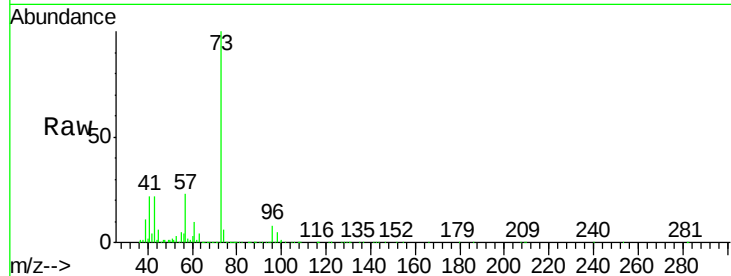




#19
Methyl tert-butyl Ether
Concen: 17.787 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017668.D
Acq: 29 Jul 2020 12:08

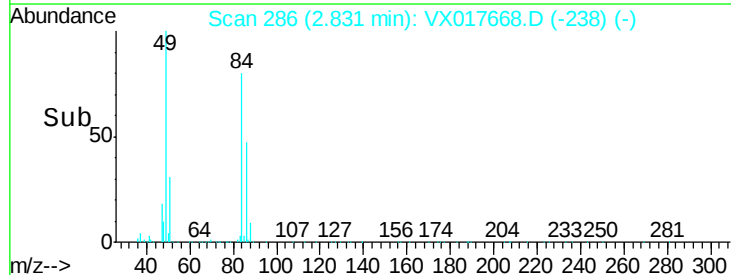
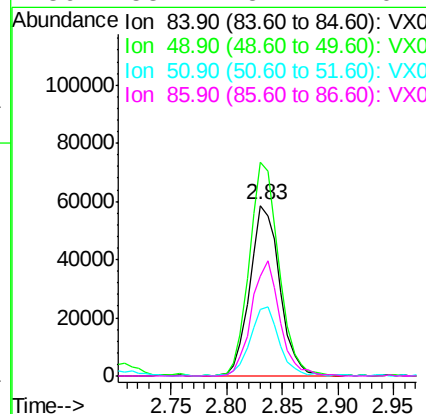
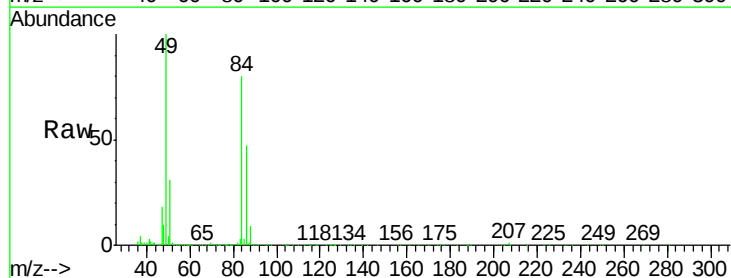
Instrument :
MSVOA_X
ClientSampled :

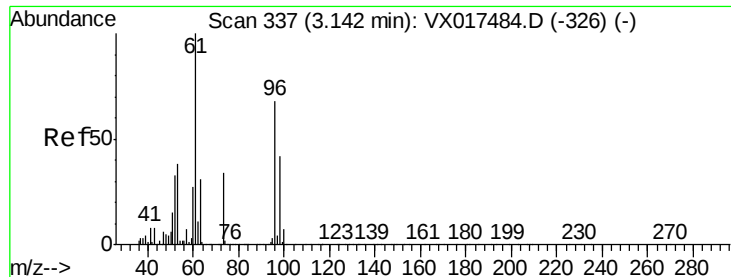
Tot Ion: 73 Resp: 337462
Ion Ratio Lower Upper
73 100
57 22.7 17.0 25.4



#20
Methylene Chloride
Concen: 18.686 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017668.D
Acq: 29 Jul 2020 12:08

Tgt Ion: 84 Resp: 110137
Ion Ratio Lower Upper
84 100
49 124.7 100.3 150.5
51 38.3 30.5 45.7
86 58.4 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 18.117 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017668.D

Acq: 29 Jul 2020 12:08

Instrument :
MSVOA_X
ClientSampleId :

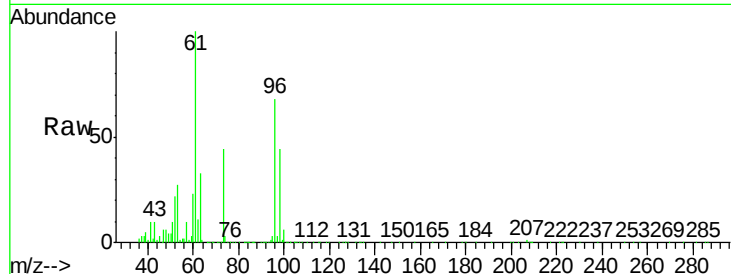
Tot Ion: 96 Resp: 106388

Ion Ratio Lower Upper

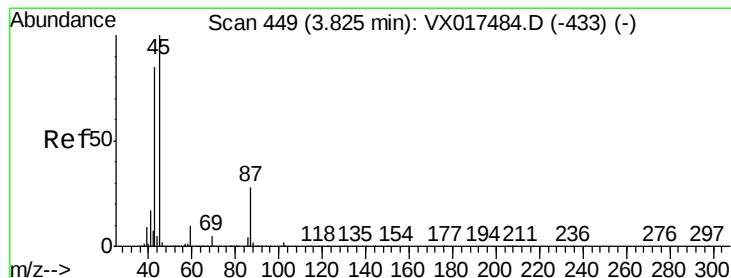
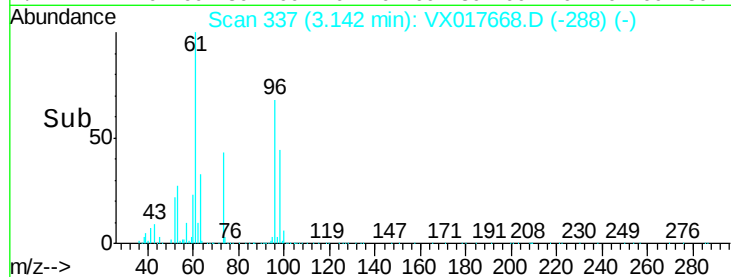
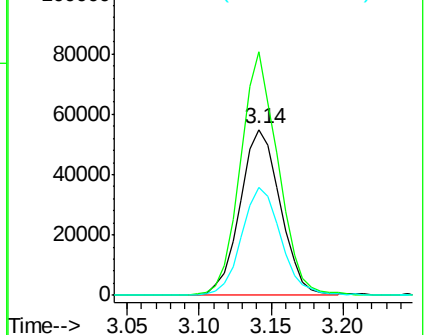
96 100

61 146.7 113.0 169.4

98 64.7 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: 18.167 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017668.D

Acq: 29 Jul 2020 12:08

Tgt Ion: 45 Resp: 332477

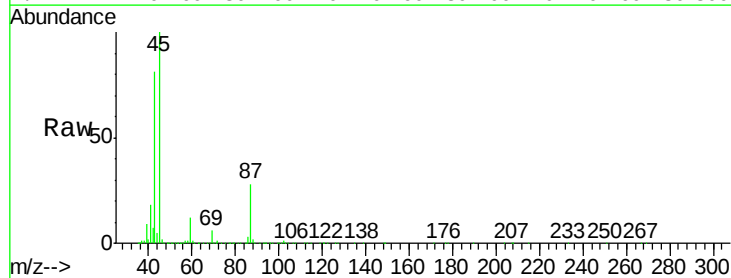
Ion Ratio Lower Upper

45 100

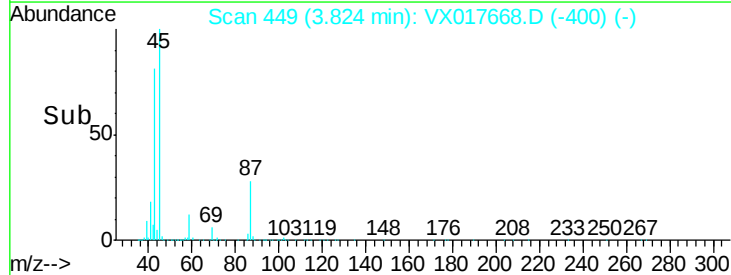
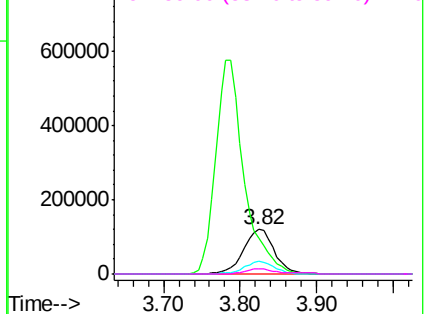
43 80.3 52.0 78.0#

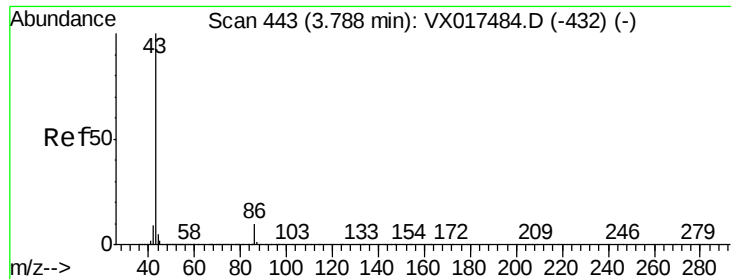
87 27.5 22.2 33.4

59 12.1 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: 91.077 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017668.D

Acq: 29 Jul 2020 12:08

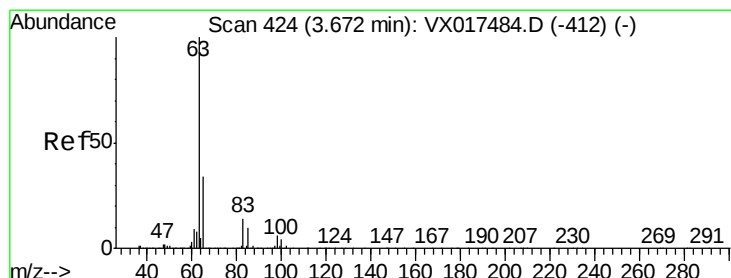
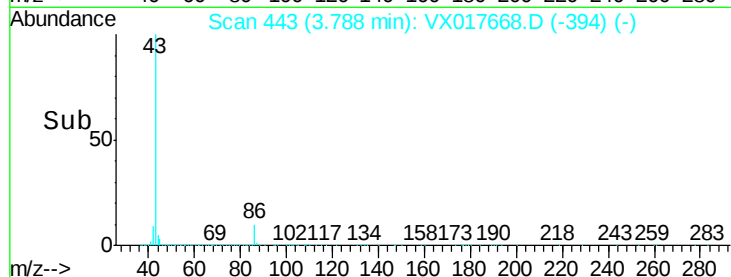
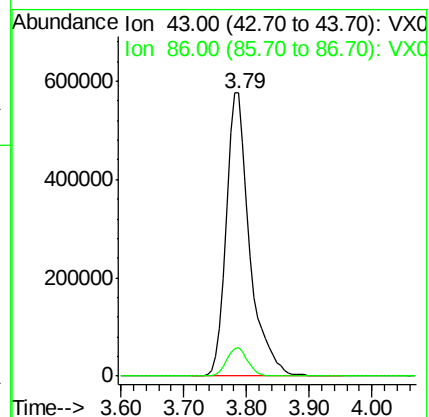
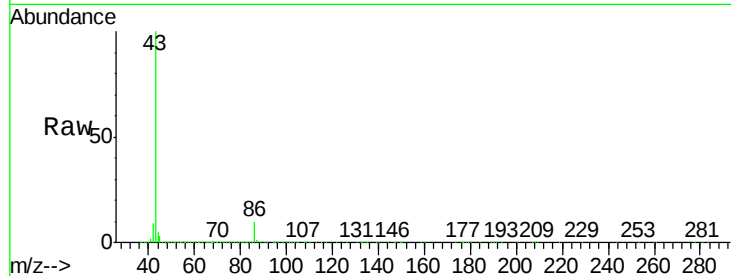
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1486141

Ion Ratio Lower Upper

43 100

86 10.3 8.2 12.4



#24

1,1-Dichloroethane

Concen: 17.994 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017668.D

Acq: 29 Jul 2020 12:08

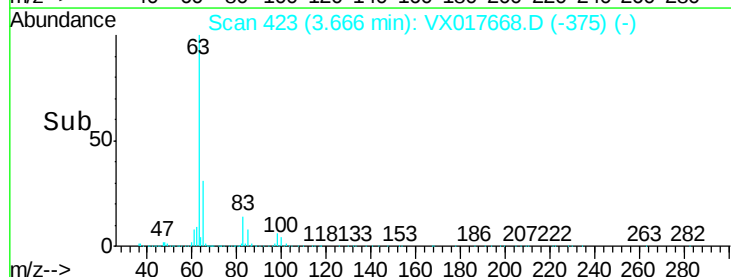
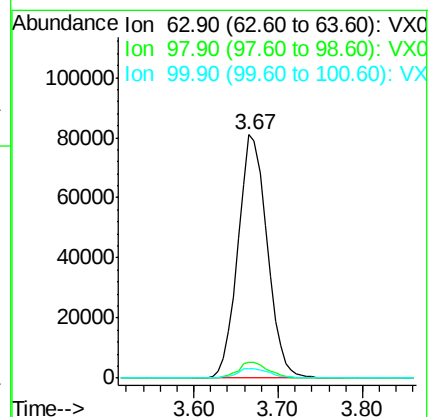
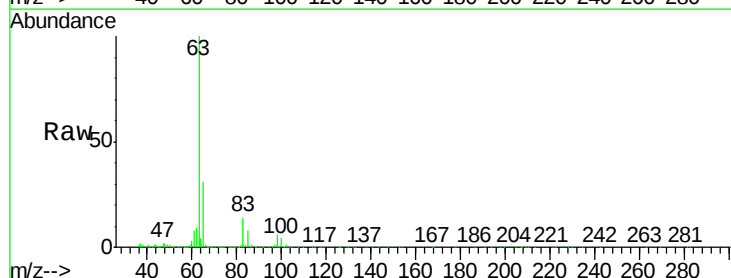
Tgt Ion: 63 Resp: 189703

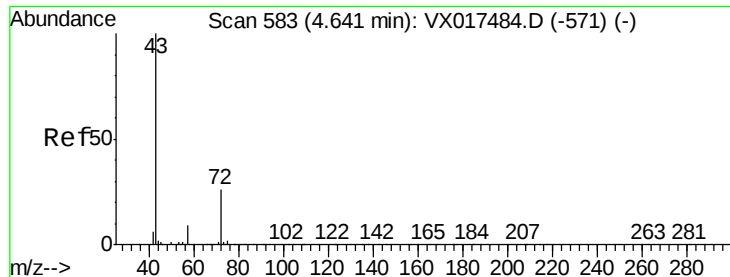
Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.1

100 3.6 1.9 5.7

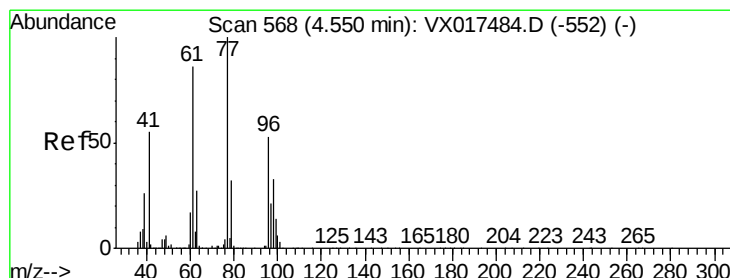
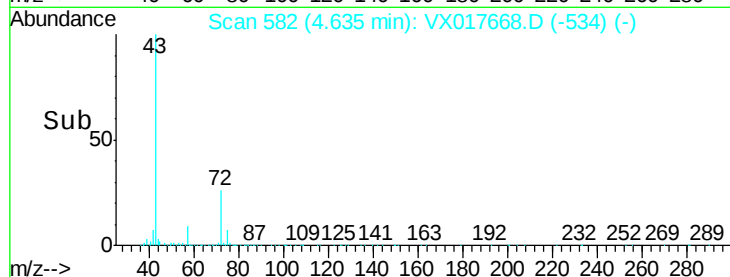
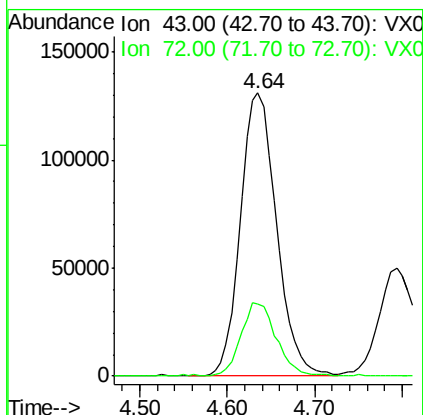
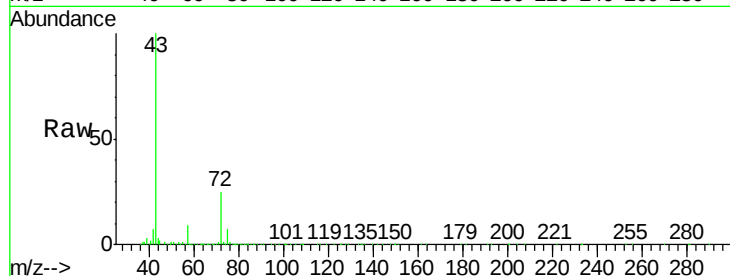




#25
2-Butanone
Concen: 88.255 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX017668.D
Acq: 29 Jul 2020 12:08

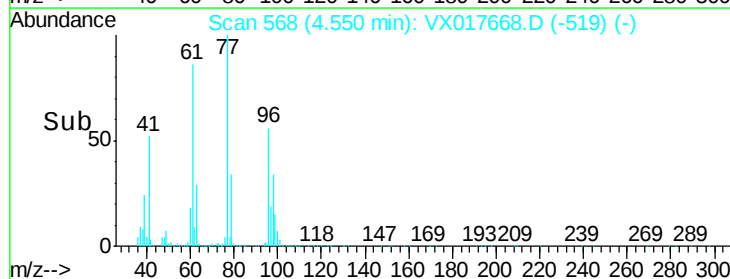
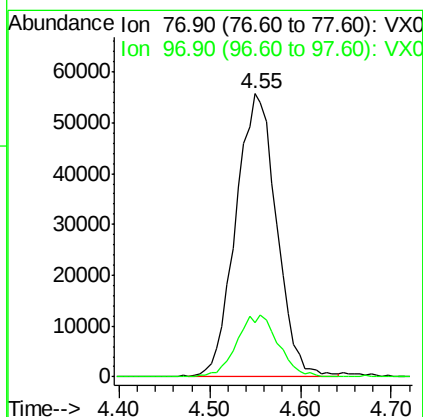
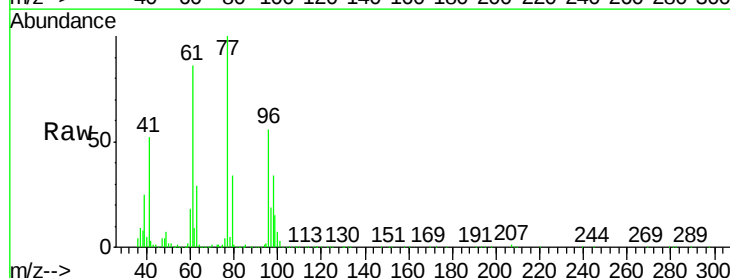
Instrument :
MSVOA_X
ClientSampleId :

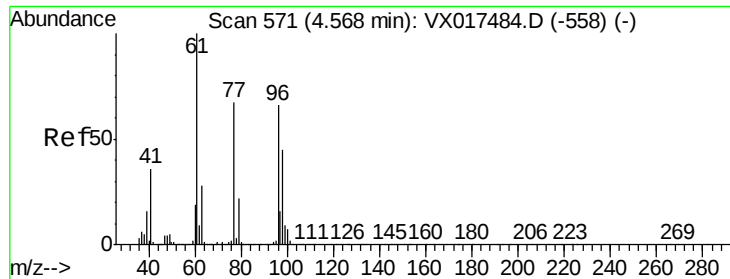
Tot Ion: 43 Resp: 376169
Ion Ratio Lower Upper
43 100
72 25.1 19.0 28.4



#26
2,2-Dichloropropane
Concen: 18.436 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX017668.D
Acq: 29 Jul 2020 12:08

Tgt Ion: 77 Resp: 173976
Ion Ratio Lower Upper
77 100
97 22.2 10.9 32.9



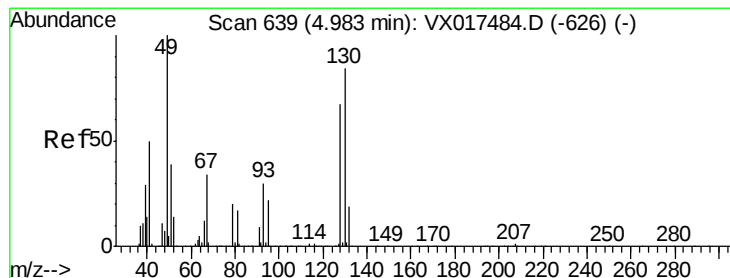
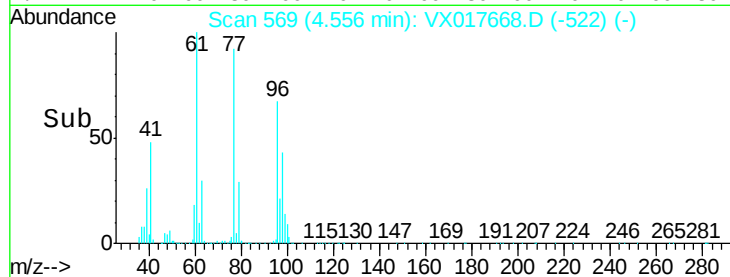
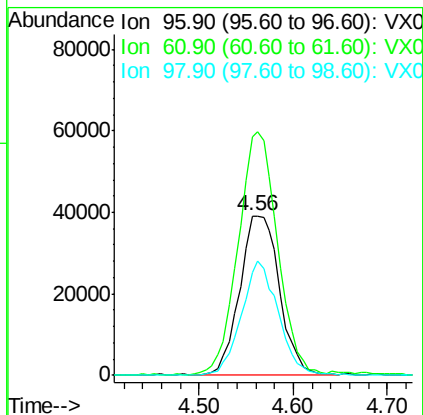
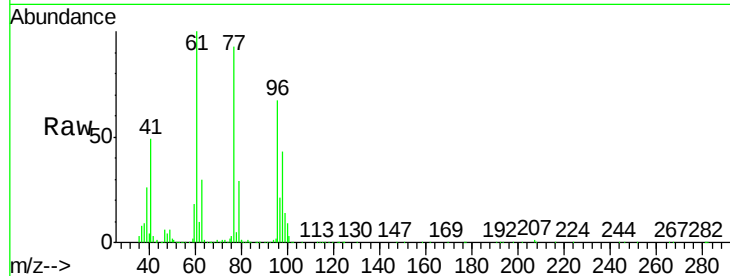


#27

cis-1,2-Dichloroethene
Concen: 18.163 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX017668.D
Acq: 29 Jul 2020 12:08

Instrument :
MSVOA_X
ClientSampleId :

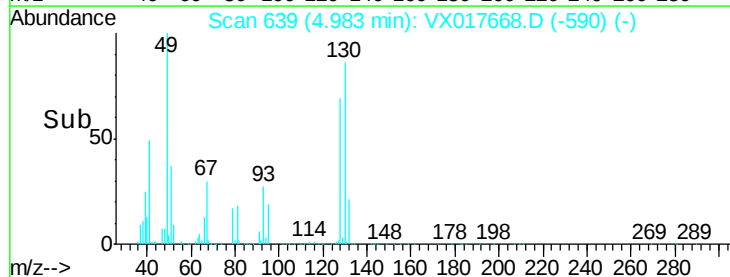
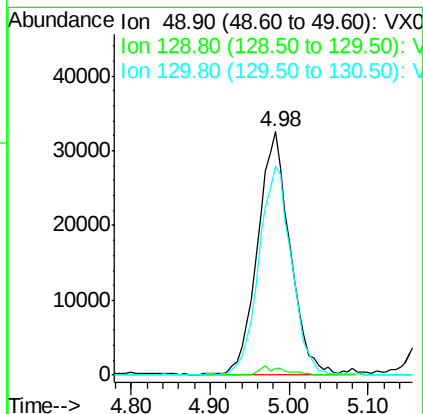
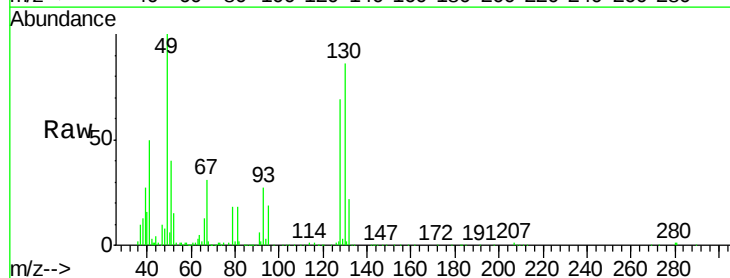
Tot Ion	96	Resp	115844
Ion	Ratio	Lower	Upper
96	100		
61	149.7	0.0	301.2
98	66.5	0.0	130.0

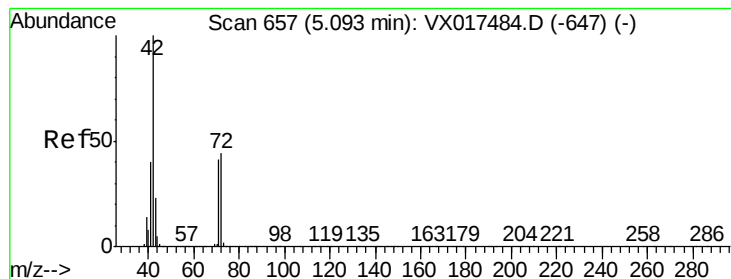


#28

Bromochloromethane
Concen: 19.487 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017668.D
Acq: 29 Jul 2020 12:08

Tgt Ion	49	Resp	93094
Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	4.6
130	86.6	66.7	100.1





#29

Tetrahydrofuran

Concen: 91.923 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX017668.D

Acq: 29 Jul 2020 12:08

Instrument :
MSVOA_X
ClientSampleId :

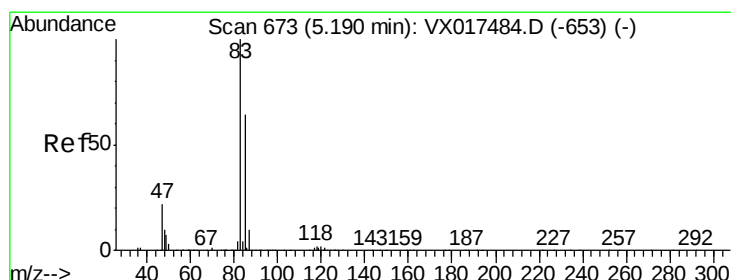
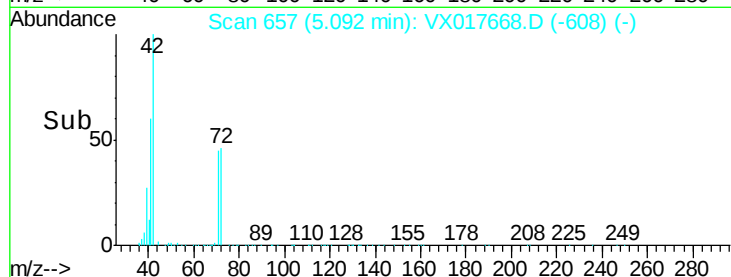
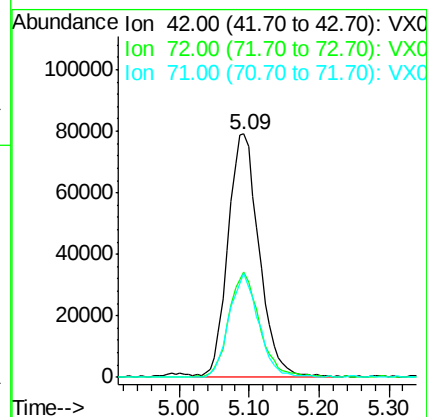
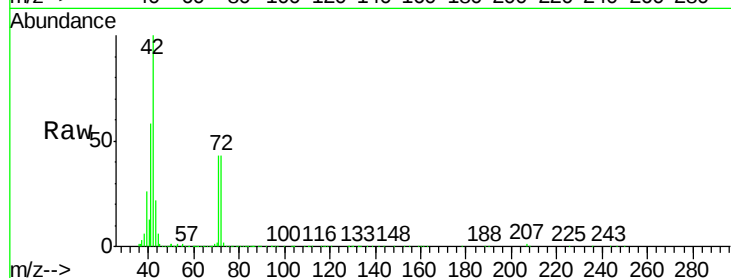
Tot Ion: 42 Resp: 242693

Ion Ratio Lower Upper

42 100

72 42.9 35.5 53.3

71 40.6 33.0 49.4



#30

Chloroform

Concen: 18.426 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX017668.D

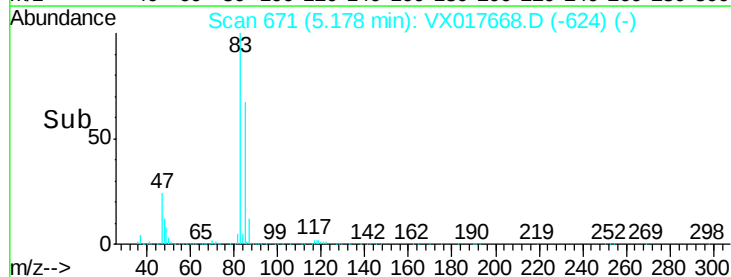
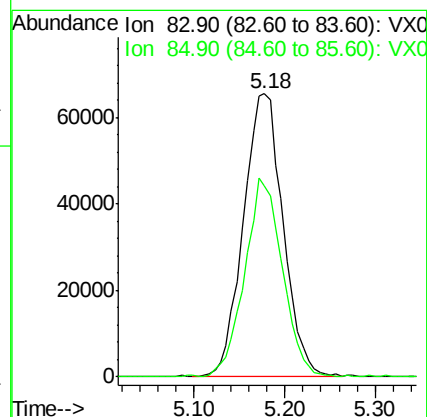
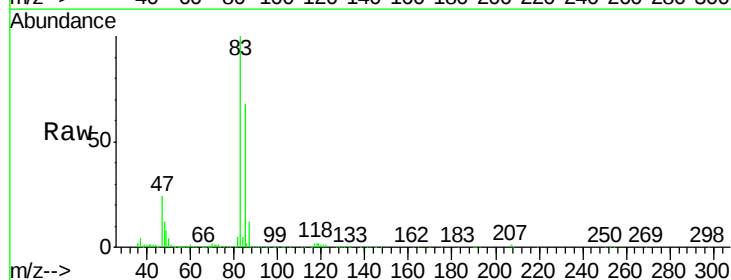
Acq: 29 Jul 2020 12:08

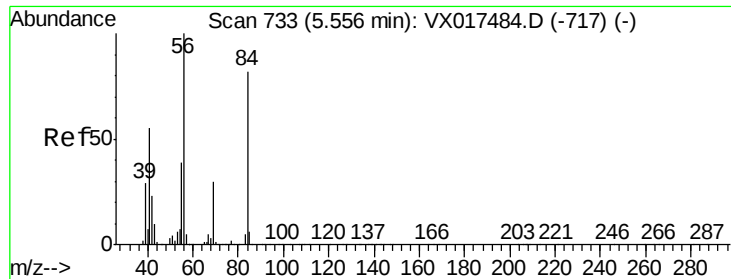
Tgt Ion: 83 Resp: 198485

Ion Ratio Lower Upper

83 100

85 67.3 51.4 77.2

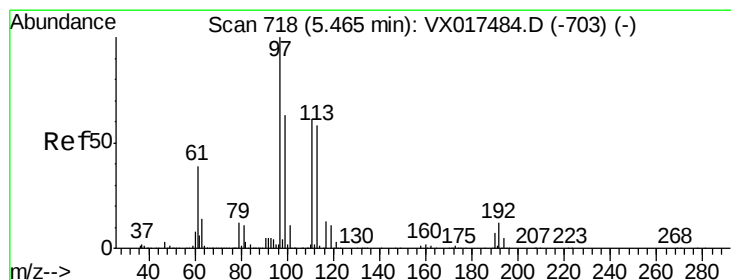
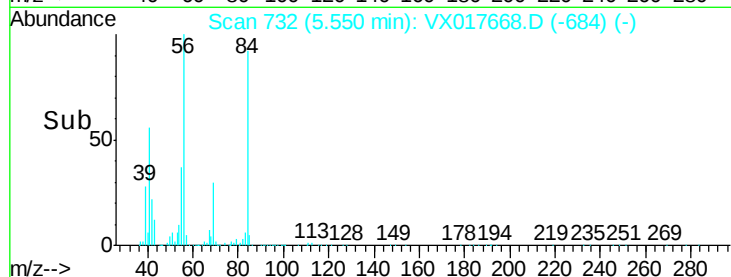
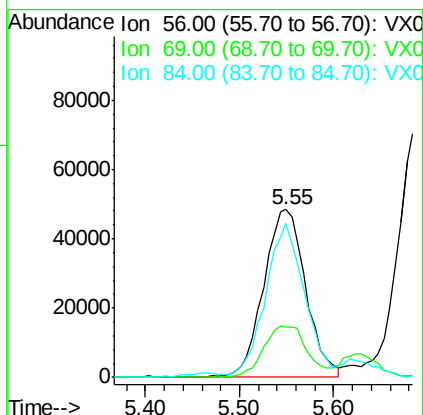
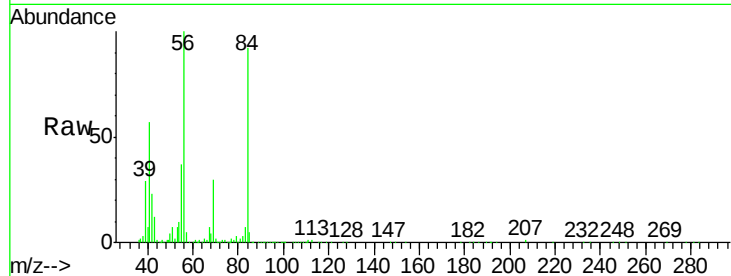




#31
Cyclohexane
Concen: 17.875 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX017668.D
Acq: 29 Jul 2020 12:08

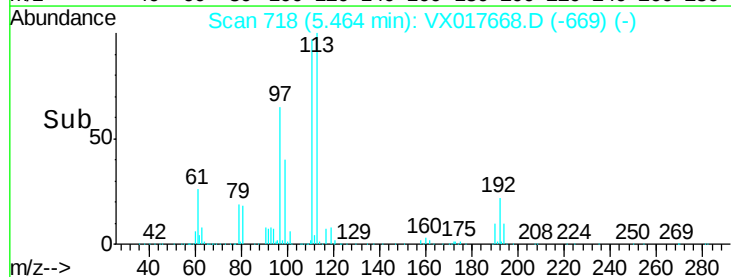
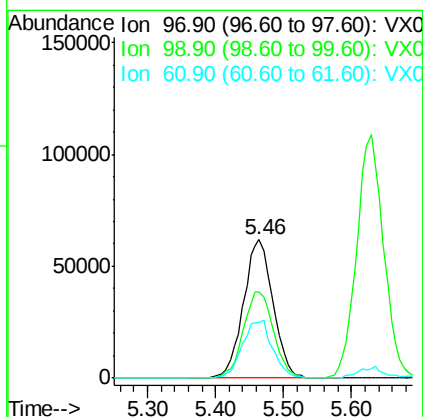
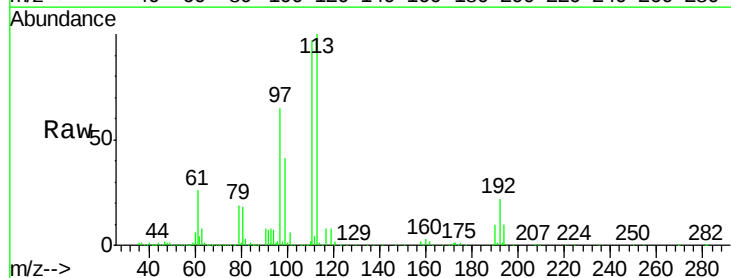
Instrument :
MSVOA_X
ClientSampleId :

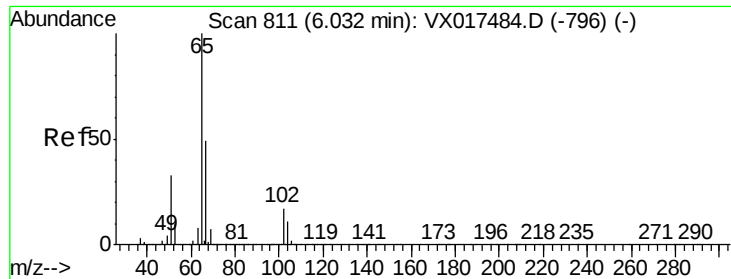
Tot Ion: 56 Resp: 150270
Ion Ratio Lower Upper
56 100
69 29.7 24.2 36.4
84 90.5 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 18.417 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017668.D
Acq: 29 Jul 2020 12:08

Tgt Ion: 97 Resp: 187073
Ion Ratio Lower Upper
97 100
99 63.7 51.9 77.9
61 42.1 34.1 51.1

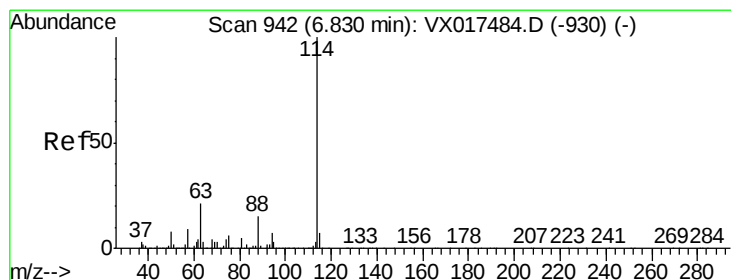
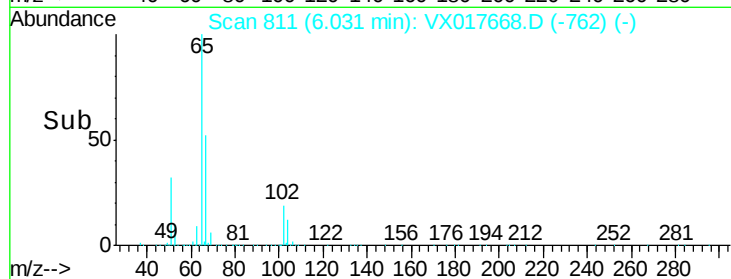
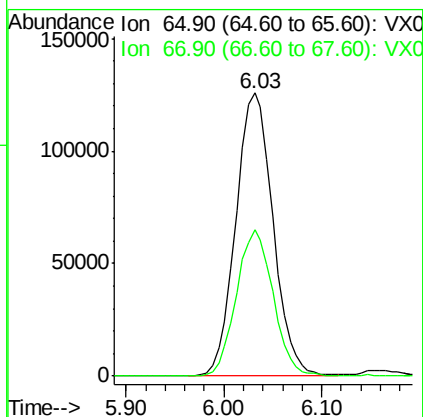
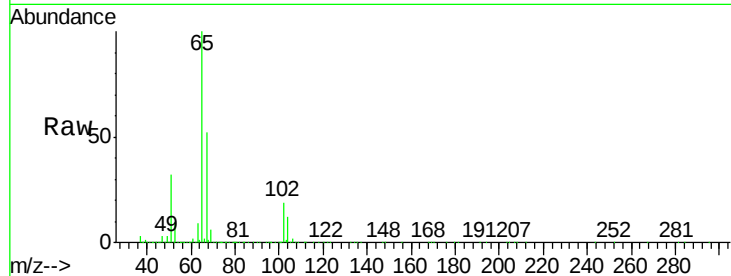




#33
 1,2-Dichloroethane-d4
 Concen: 48.519 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017668.D
 Acq: 29 Jul 2020 12:08

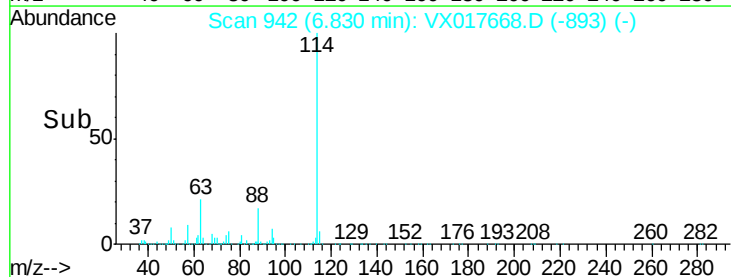
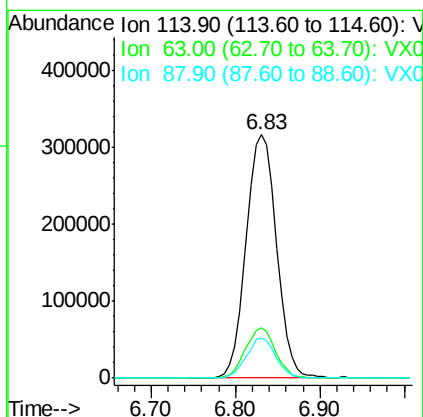
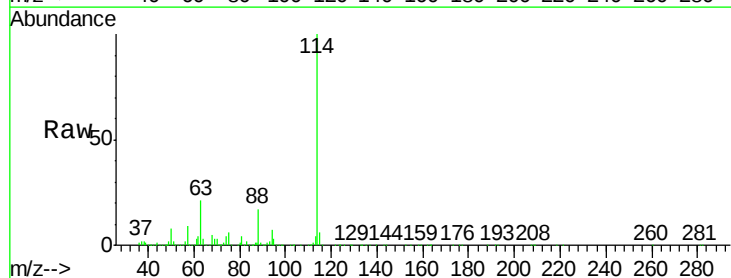
Instrument :
 MSVOA_X
 ClientSampled :

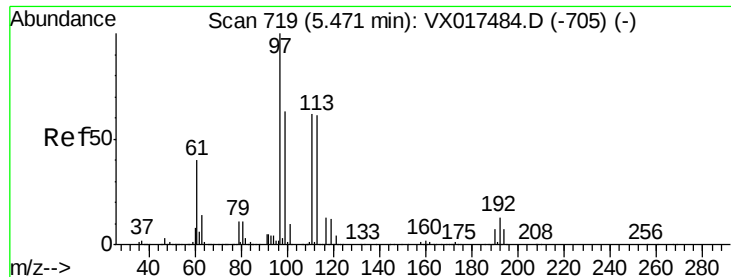
Tot Ion: 65 Resp: 330748
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017668.D
 Acq: 29 Jul 2020 12:08

Tgt Ion: 114 Resp: 777985
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.6
 88 16.6 0.0 33.4

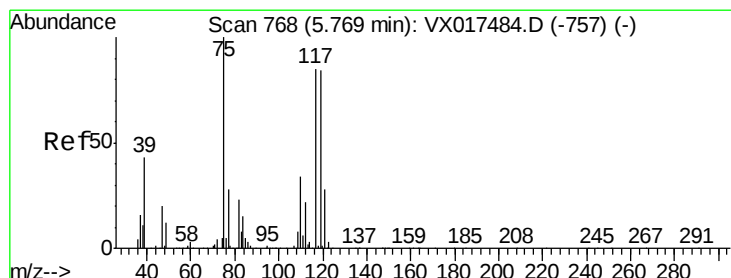
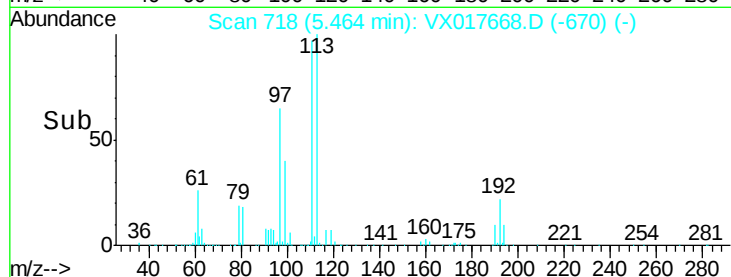
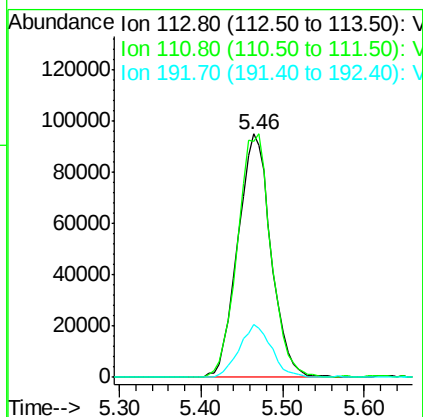
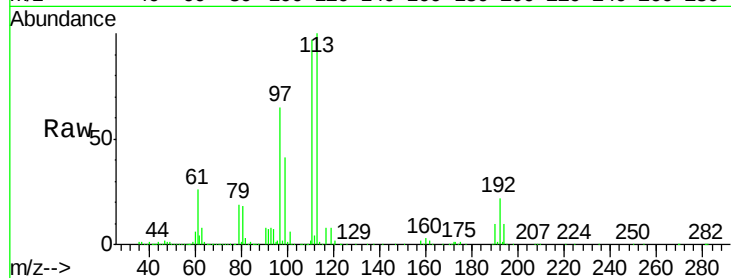




#35
 Dibromofluoromethane
 Concen: 51.432 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX017668.D
 Acq: 29 Jul 2020 12:08

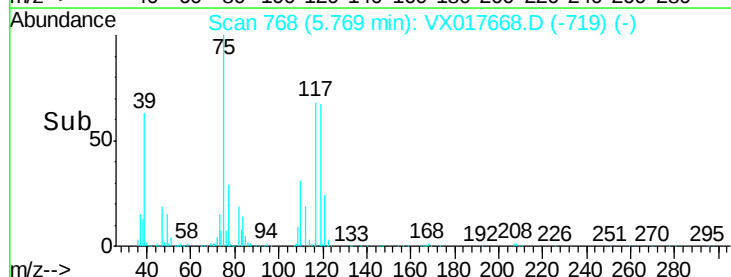
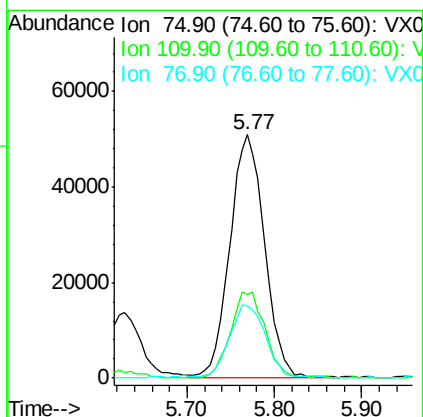
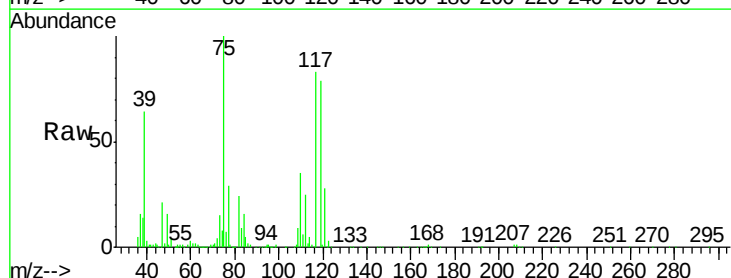
Instrument :
 MSVOA_X
 ClientSampleId :

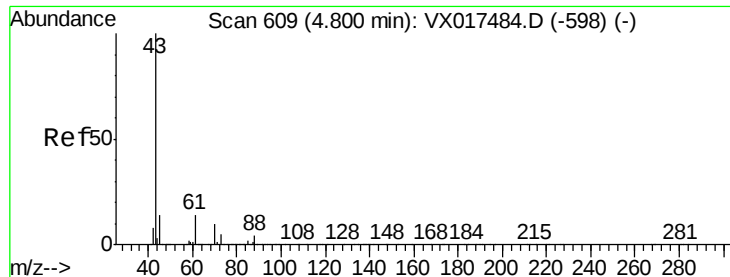
Tot Ion:113 Resp: 267610
 Ion Ratio Lower Upper
 113 100
 111 101.4 80.7 121.1
 192 21.2 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 18.886 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017668.D
 Acq: 29 Jul 2020 12:08

Tgt Ion: 75 Resp: 140920
 Ion Ratio Lower Upper
 75 100
 110 35.0 18.1 54.3
 77 30.4 24.6 37.0

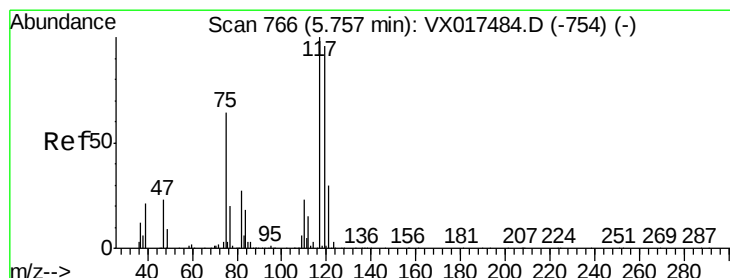
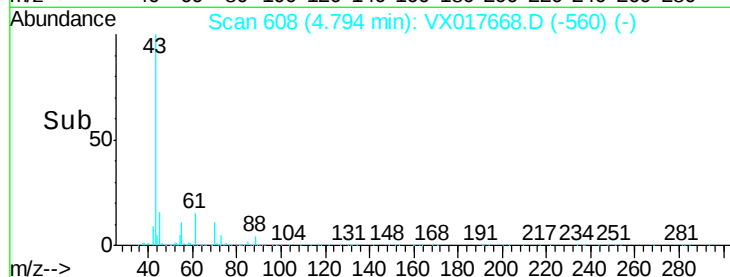
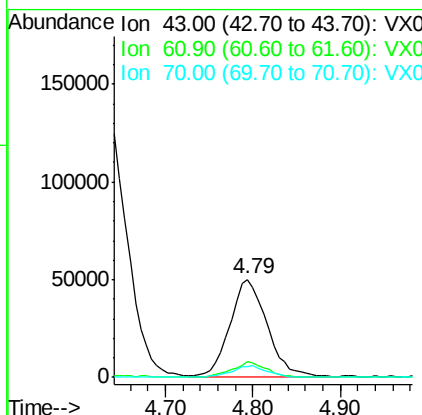
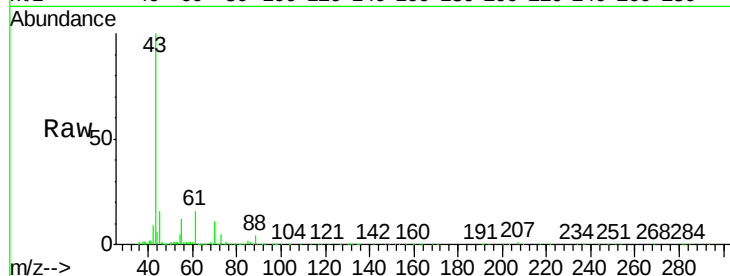




#37
Ethyl Acetate
Concen: 18.065 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX017668.D
Acq: 29 Jul 2020 12:08

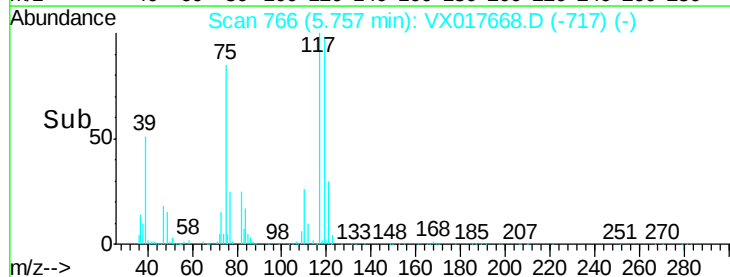
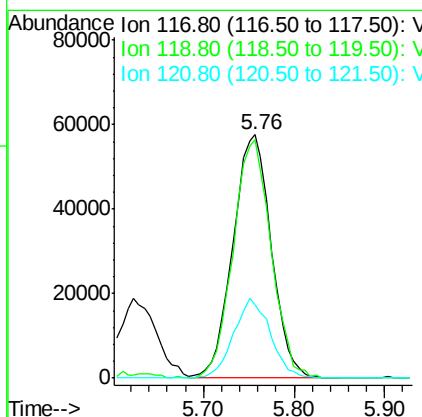
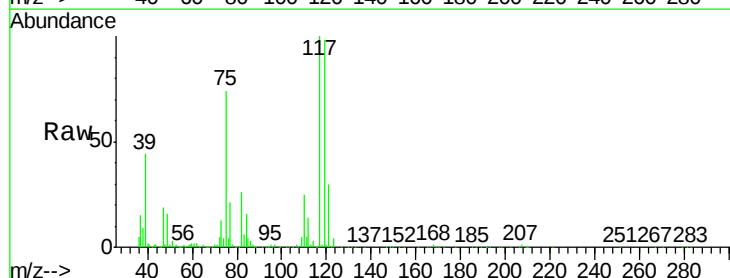
Instrument :
MSVOA_X
ClientSampleId :

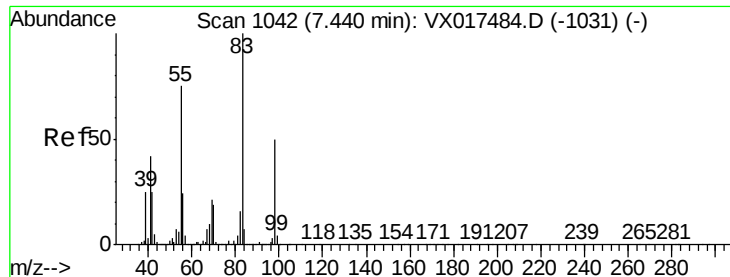
Tot Ion: 43 Resp: 147482
Ion Ratio Lower Upper
43 100
61 14.3 10.7 16.1
70 11.0 8.5 12.7



#38
Carbon Tetrachloride
Concen: 18.693 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017668.D
Acq: 29 Jul 2020 12:08

Tgt Ion: 117 Resp: 169380
Ion Ratio Lower Upper
117 100
119 97.8 75.4 113.0
121 30.2 24.3 36.5

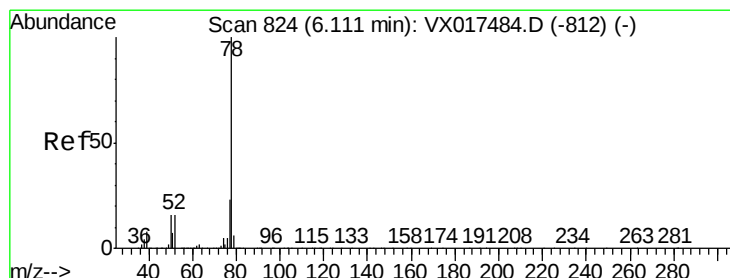
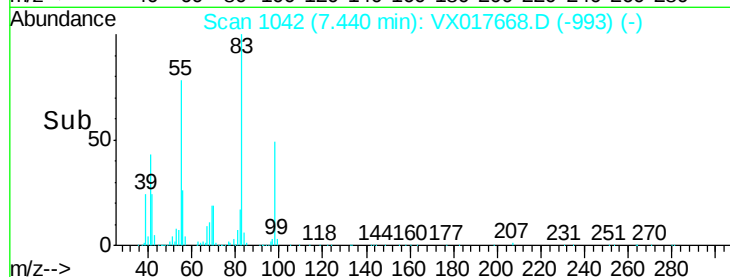
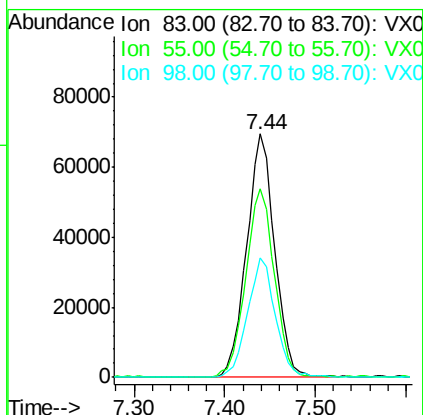
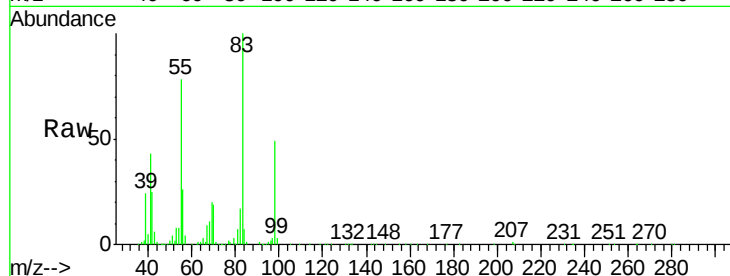




#39
Methvlcvclohexane
Concen: 17.103 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017668.D
Acq: 29 Jul 2020 12:08

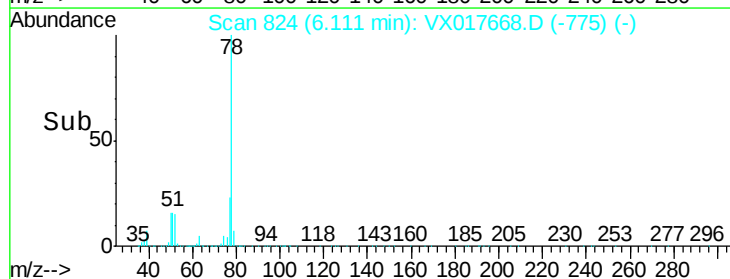
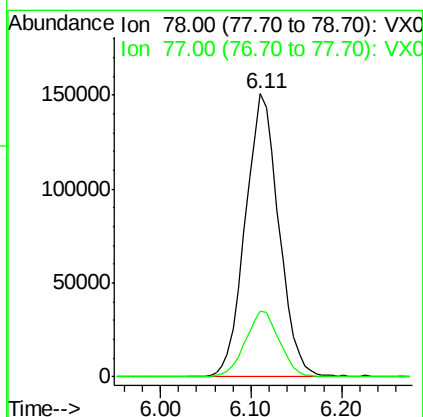
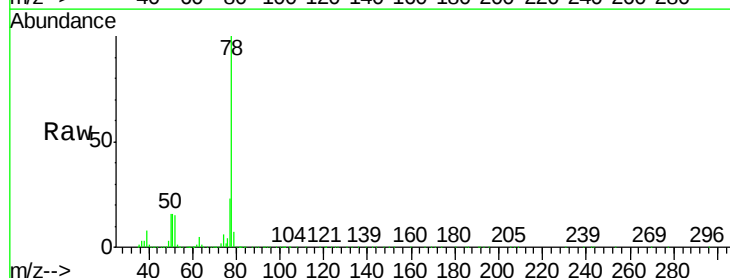
Instrument :
MSVOA_X
ClientSampleId :

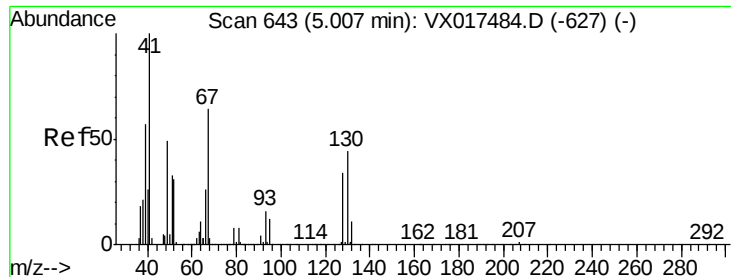
Tot Ion: 83 Resp: 148974
Ion Ratio Lower Upper
83 100
55 77.6 61.8 92.8
98 48.9 36.9 55.3



#40
Benzene
Concen: 18.041 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017668.D
Acq: 29 Jul 2020 12:08

Tgt Ion: 78 Resp: 385943
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.2





#41

Methacrylonitrile

Concen: 17.688 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX017668.D

Acq: 29 Jul 2020 12:08

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 82773

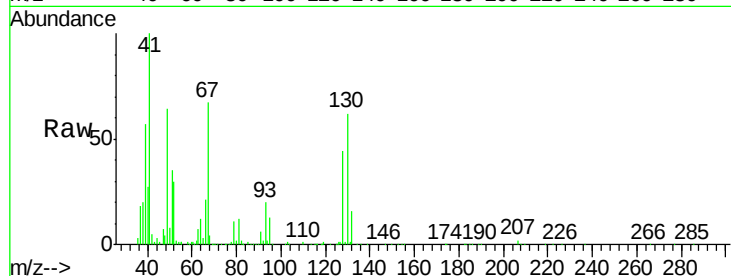
Ion Ratio Lower Upper

41 100

39 59.0 43.9 65.9

67 67.4 54.0 81.0

52 29.2 23.0 34.6

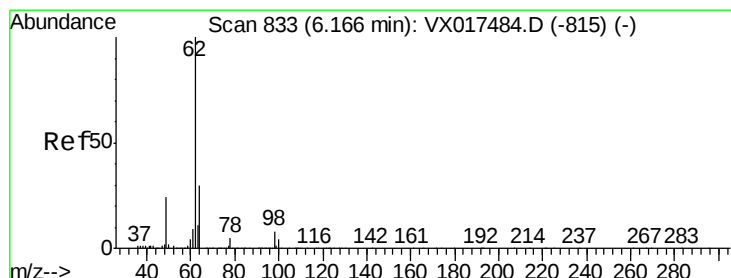
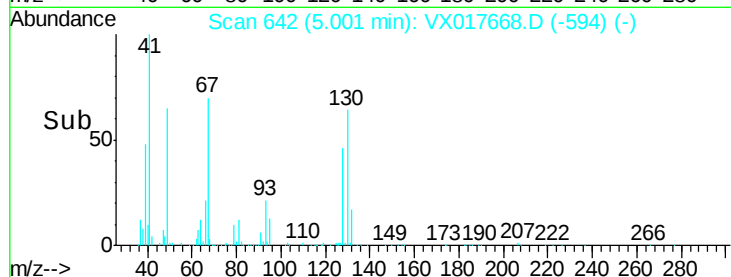
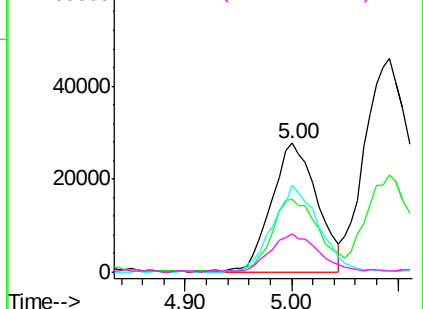


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 18.991 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX017668.D

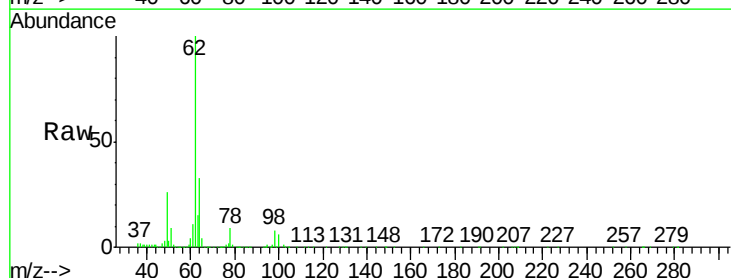
Acq: 29 Jul 2020 12:08

Tgt Ion: 62 Resp: 166198

Ion Ratio Lower Upper

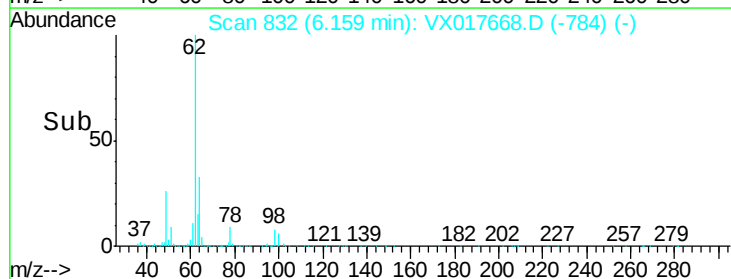
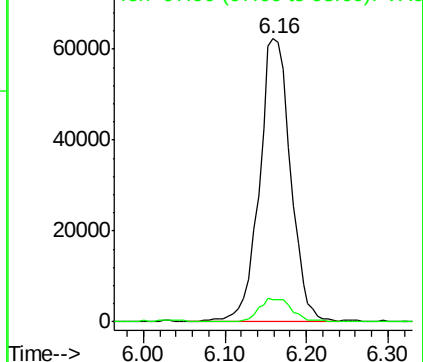
62 100

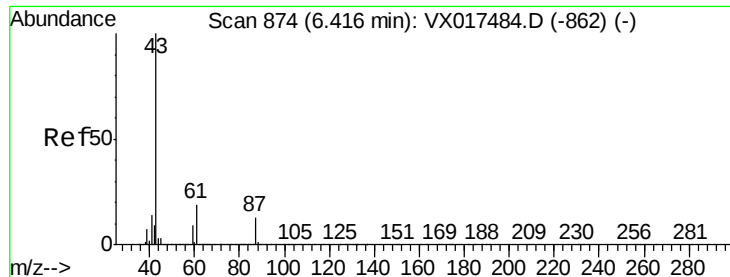
98 8.8 0.0 16.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



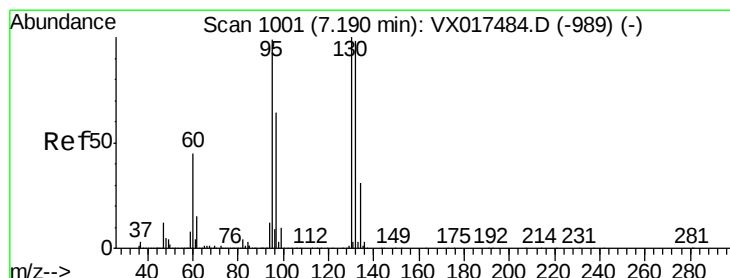
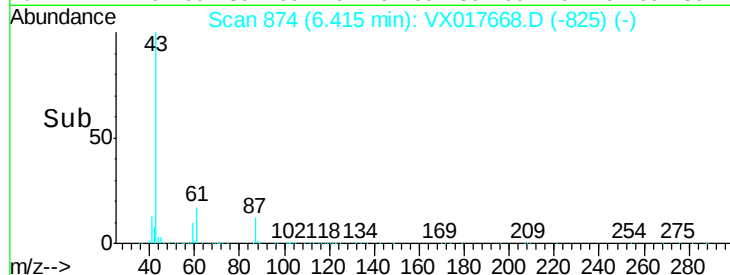
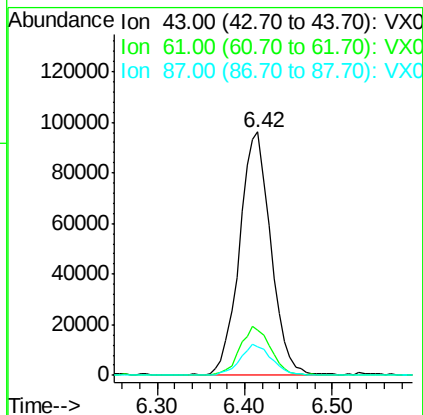
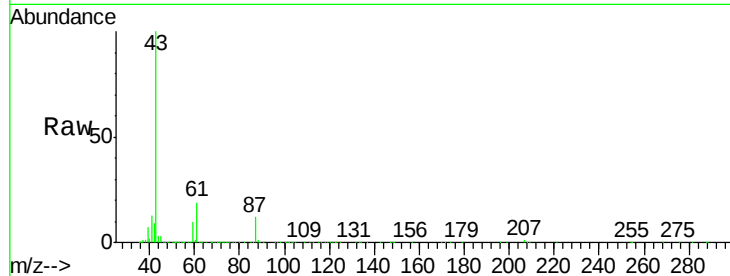


#43

Isopropyl Acetate
 Concen: 17.770 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX017668.D
 Acq: 29 Jul 2020 12:08

Instrument :
 MSVOA_X
 ClientSampleId :

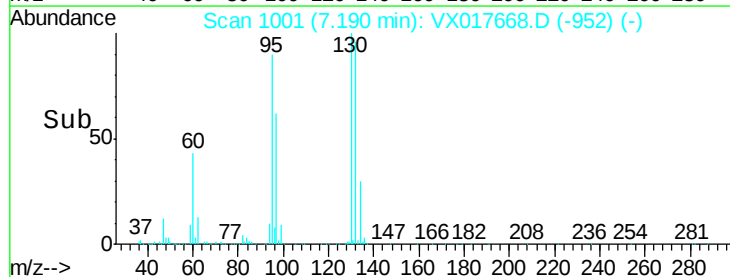
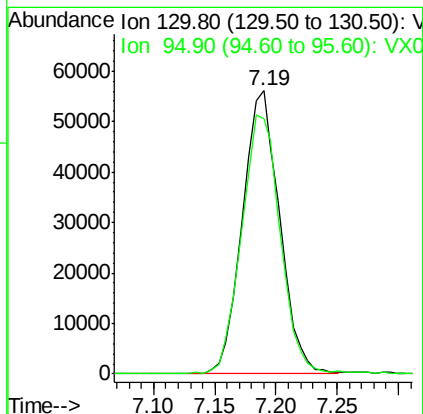
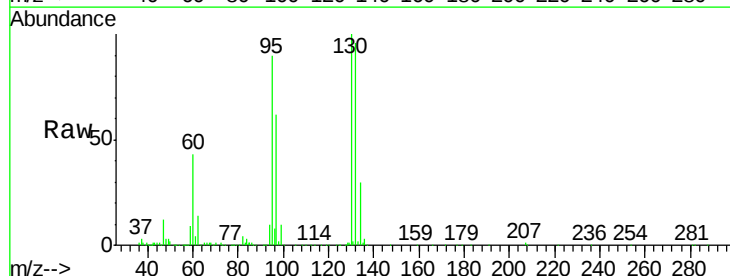
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.5	23.3
87	12.8	10.5	15.7

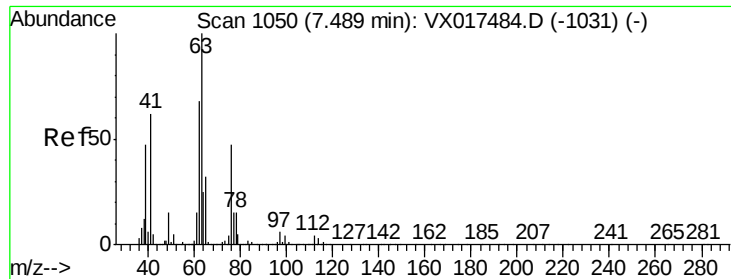


#44

Trichloroethene
 Concen: 19.040 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017668.D
 Acq: 29 Jul 2020 12:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.3	0.0	189.0





#45

1,2-Dichloropropane

Concen: 18.428 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017668.D

Acq: 29 Jul 2020 12:08

Instrument :

MSVOA_X

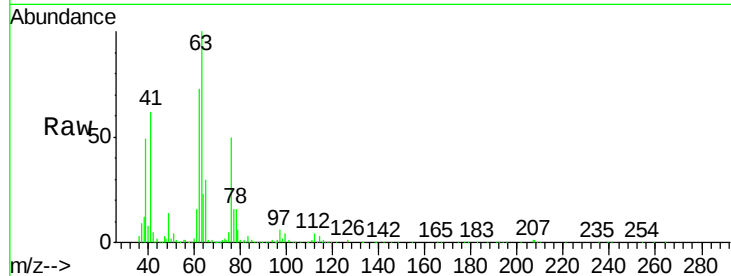
ClientSampled :

Tot Ion: 63 Resp: 109281

Ion Ratio Lower Upper

63 100

65 30.3 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

60000

50000

40000

30000

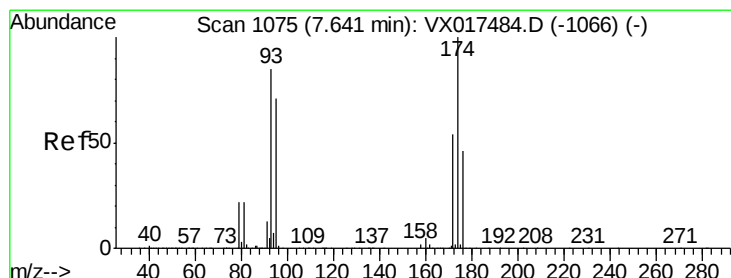
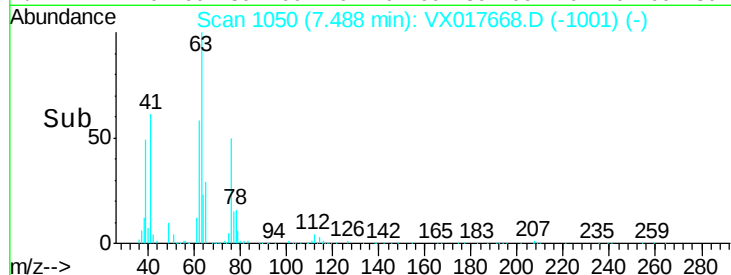
20000

10000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 18.245 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017668.D

Acq: 29 Jul 2020 12:08

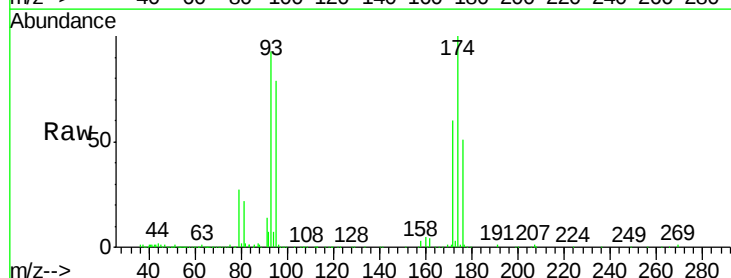
Tgt Ion: 93 Resp: 76463

Ion Ratio Lower Upper

93 100

95 83.5 66.6 99.8

174 105.9 87.0 130.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

50000

40000

30000

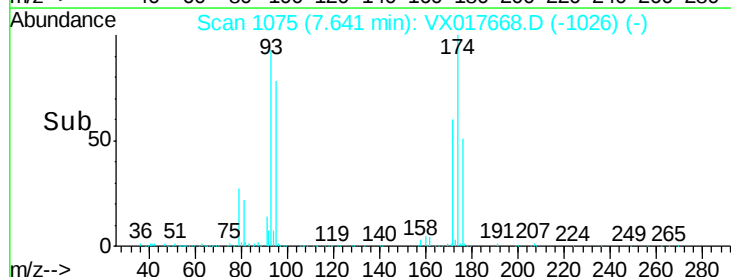
20000

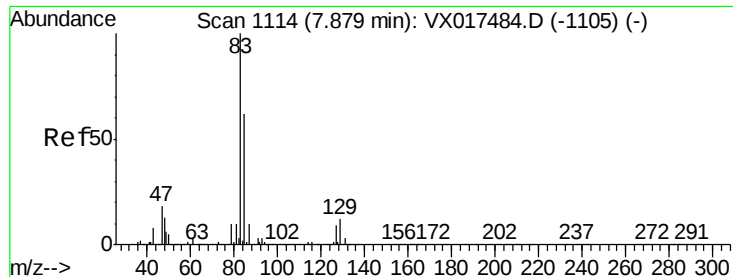
10000

0

Time-->

7.55 7.60 7.65 7.70 7.75





#47

Bromodichloromethane

Concen: 18.536 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017668.D

Acq: 29 Jul 2020 12:08

Instrument :
MSVOA_X
ClientSampleId :

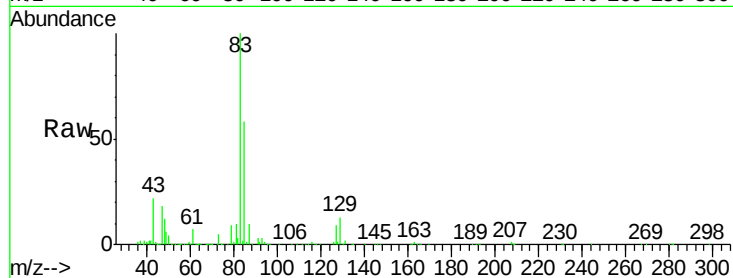
Tot Ion: 83 Resp: 156306

Ion Ratio Lower Upper

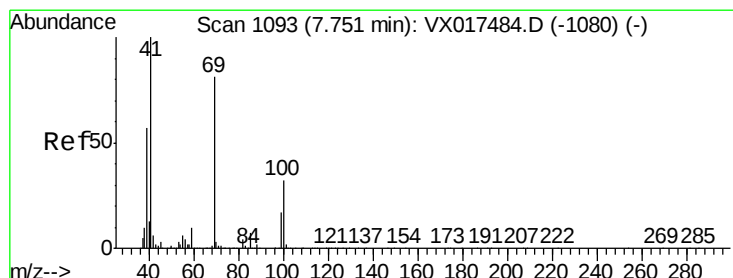
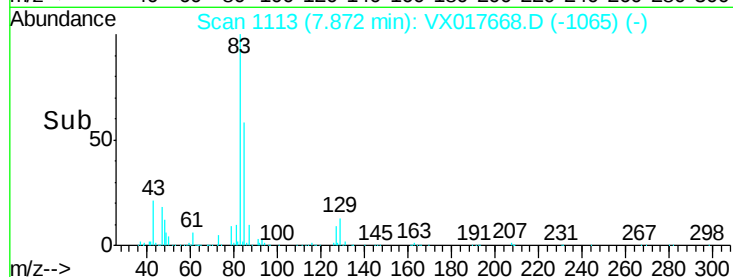
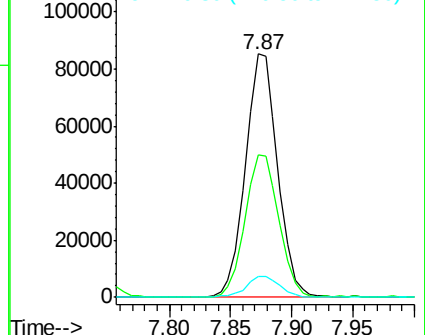
83 100

85 58.1 51.8 77.8

127 8.7 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: 17.585 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX017668.D

Acq: 29 Jul 2020 12:08

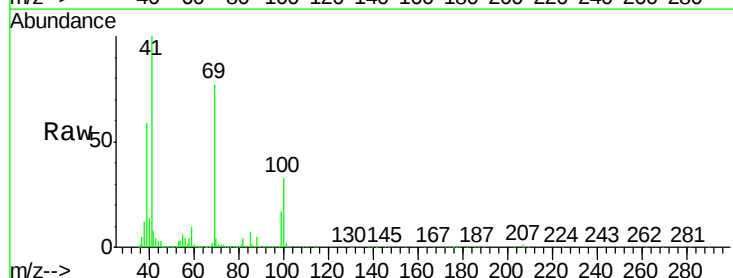
Tgt Ion: 41 Resp: 117416

Ion Ratio Lower Upper

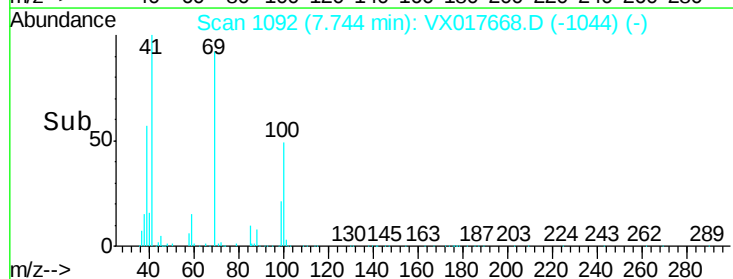
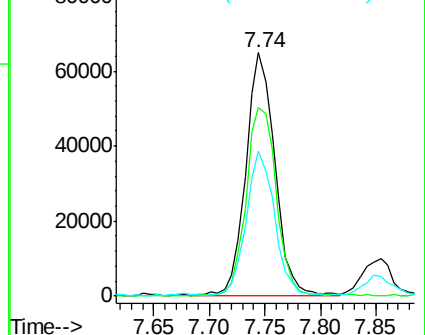
41 100

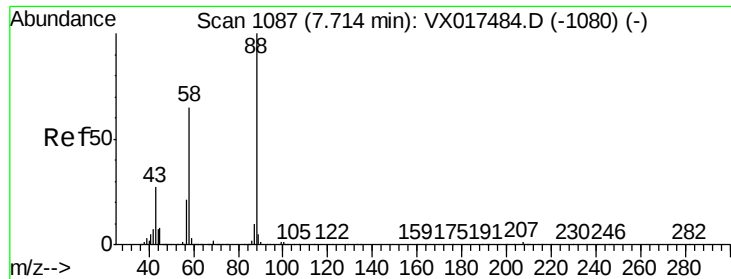
69 81.9 63.1 94.7

39 57.8 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

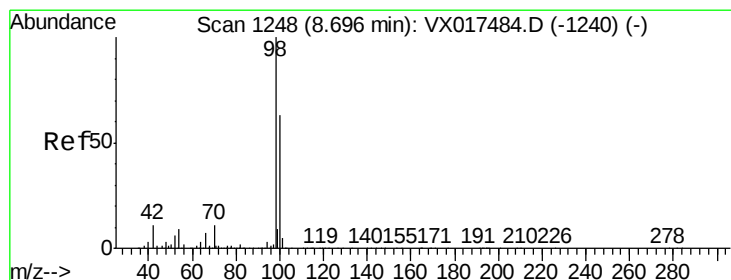
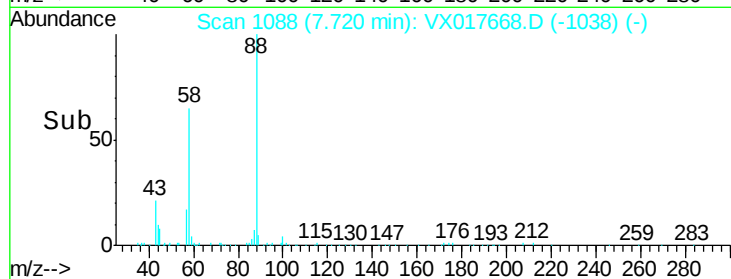
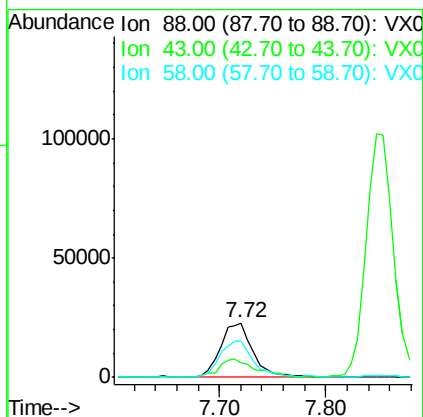
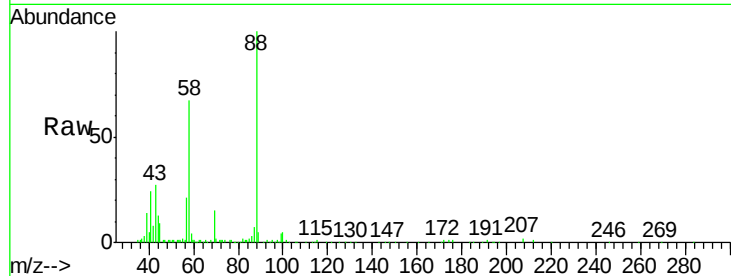




#49
1,4-Dioxane
Concen: 374.484 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX017668.D
Acq: 29 Jul 2020 12:08

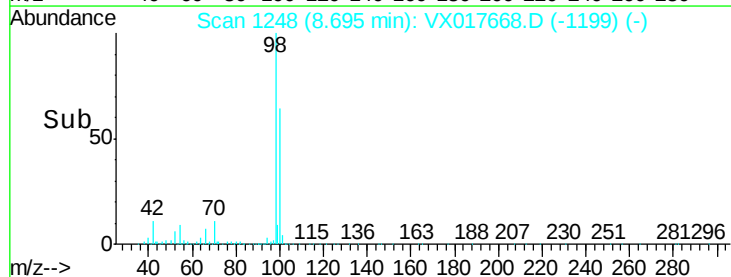
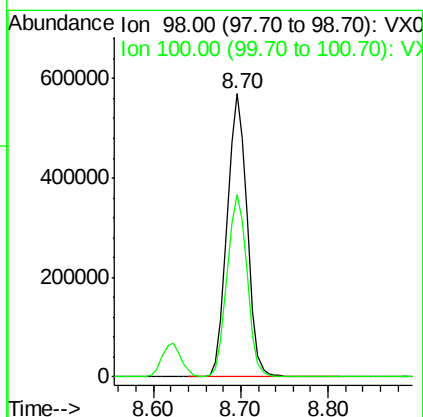
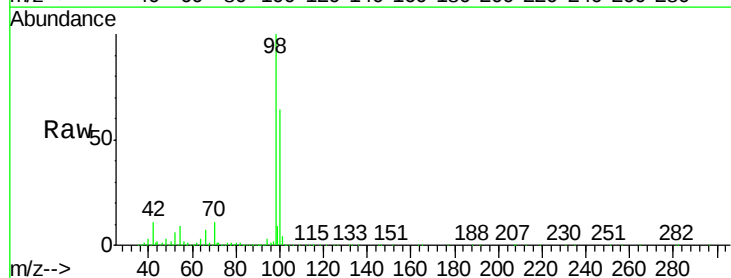
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	88	Resp	47940
Ion	Ratio	Lower	Upper
88	100		
43	36.9	27.8	41.6
58	68.5	58.3	87.5



#50
Toluene-d8
Concen: 48.040 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017668.D
Acq: 29 Jul 2020 12:08

Tgt Ion	98	Resp	901733
Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 84.567 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017668.D

Acq: 29 Jul 2020 12:08

Instrument :

MSVOA_X

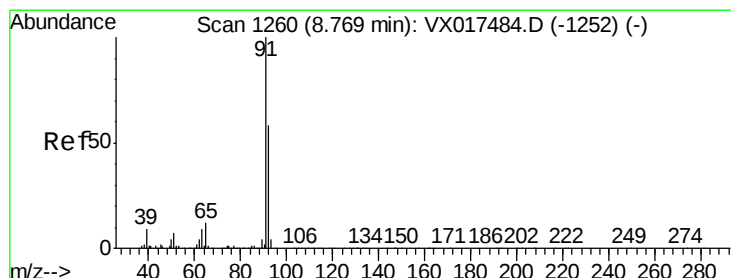
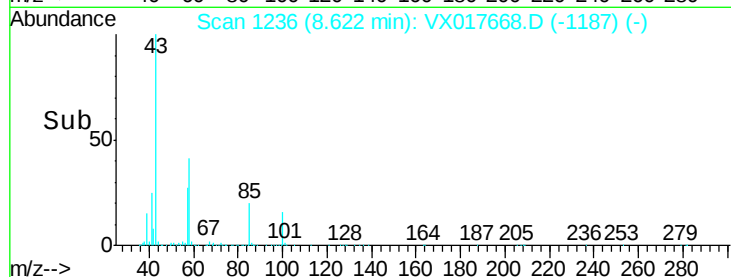
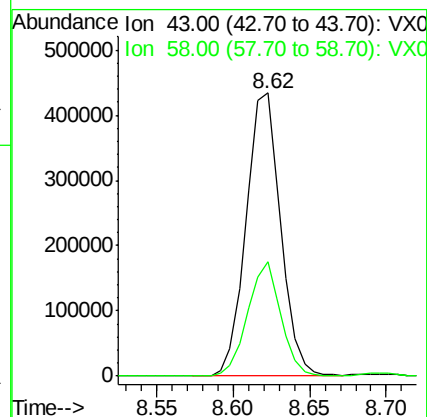
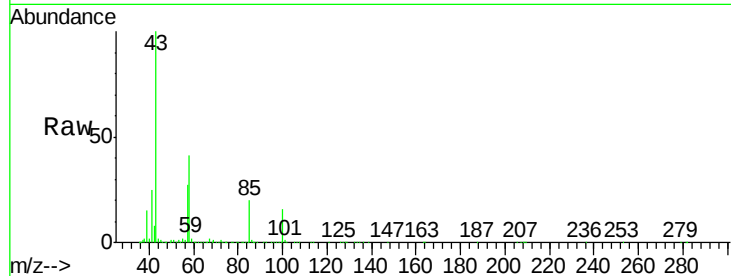
ClientSampleId :

Tot Ion: 43 Resp: 679683

Ion Ratio Lower Upper

43 100

58 38.6 31.0 46.4



#52

Toluene

Concen: 19.147 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX017668.D

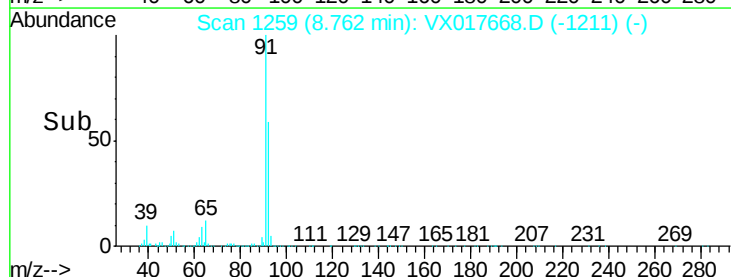
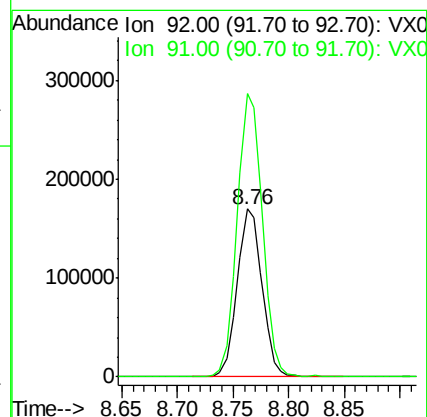
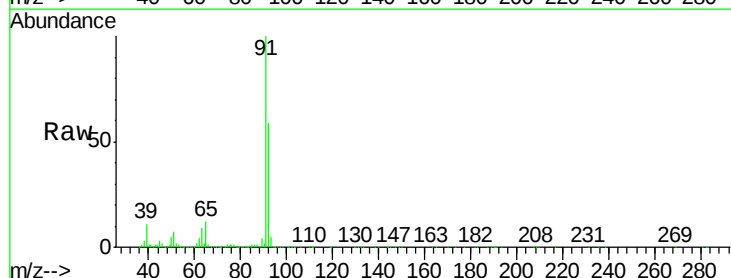
Acq: 29 Jul 2020 12:08

Tgt Ion: 92 Resp: 262679

Ion Ratio Lower Upper

92 100

91 171.1 137.6 206.4

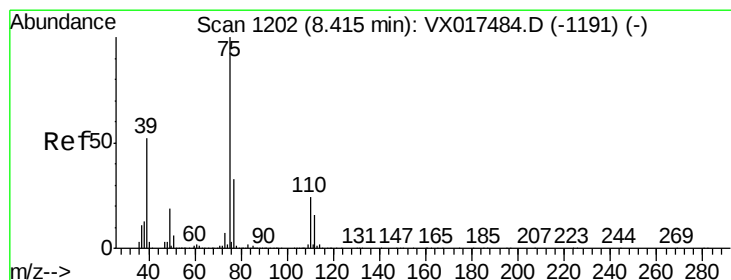
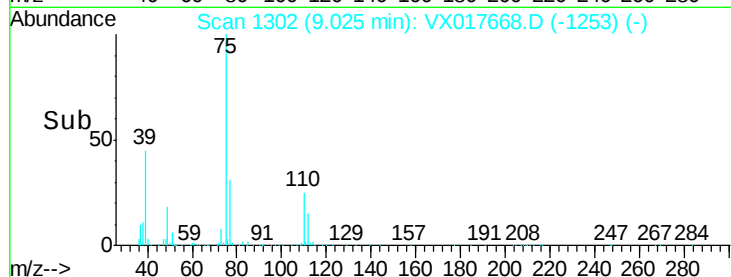
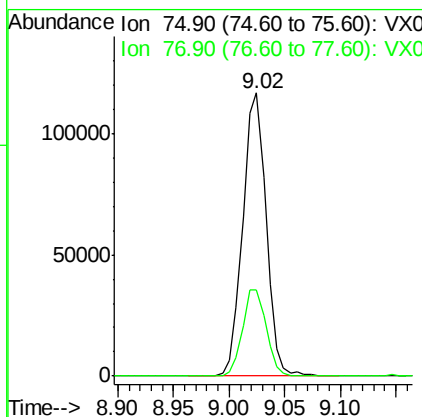
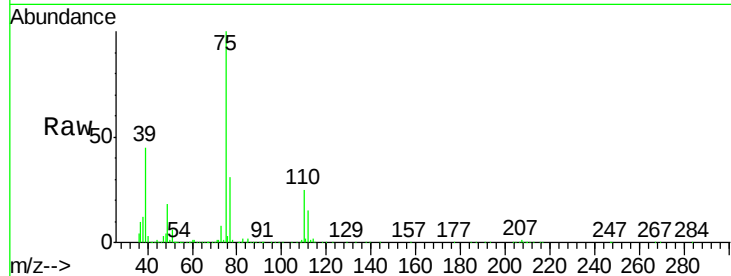




#53
t-1,3-Dichloropropene
Concen: 18.031 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017668.D
Acq: 29 Jul 2020 12:08

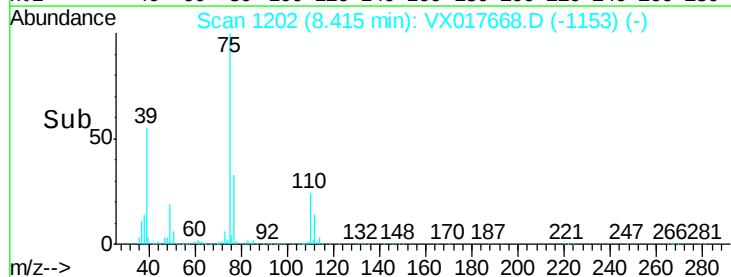
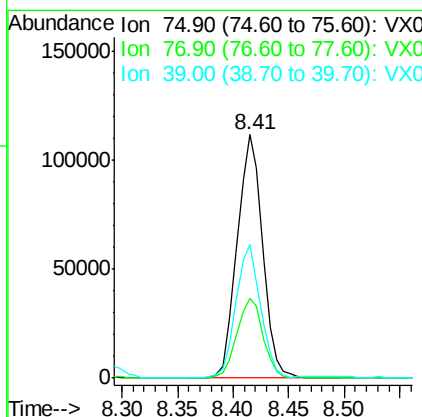
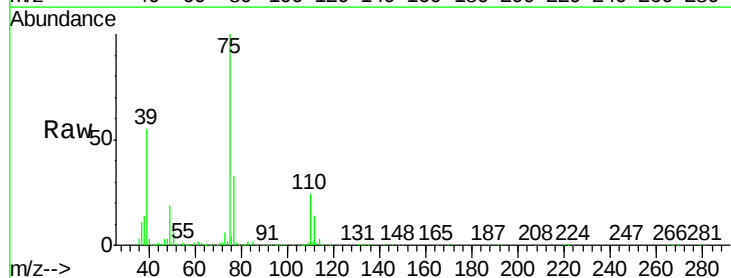
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 170208
Ion Ratio Lower Upper
75 100
77 30.6 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 18.388 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017668.D
Acq: 29 Jul 2020 12:08

Tgt Ion: 75 Resp: 177053
Ion Ratio Lower Upper
75 100
77 32.7 25.5 38.3
39 54.6 41.8 62.8

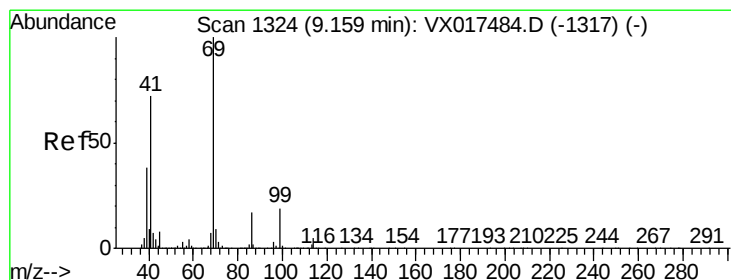
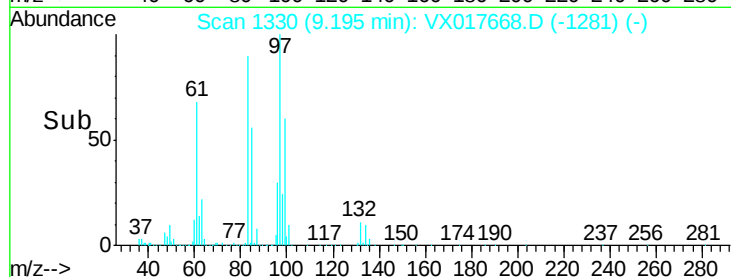
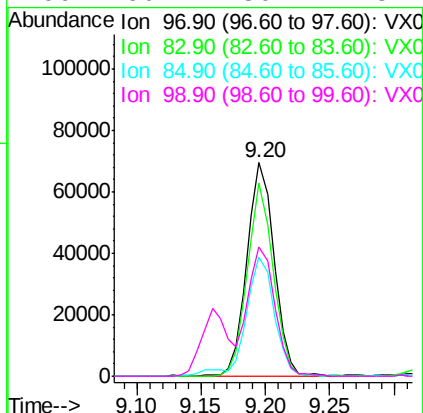
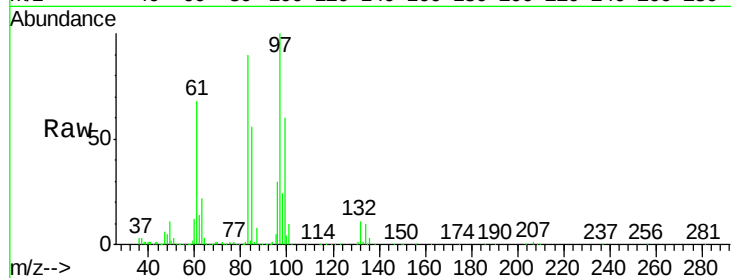




#55
 1,1,2-Trichloroethane
 Concen: 17.714 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017668.D
 Acq: 29 Jul 2020 12:08

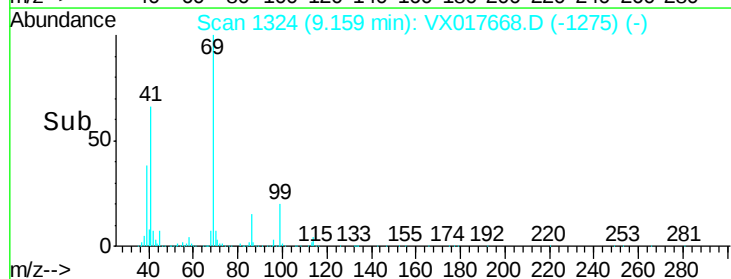
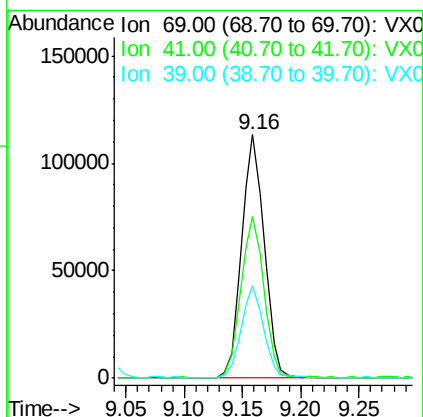
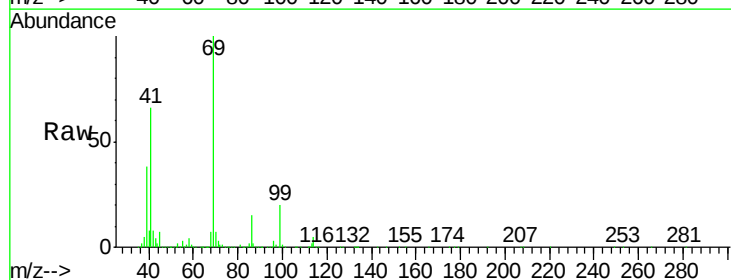
Instrument :
 MSVOA_X
 ClientSampled :

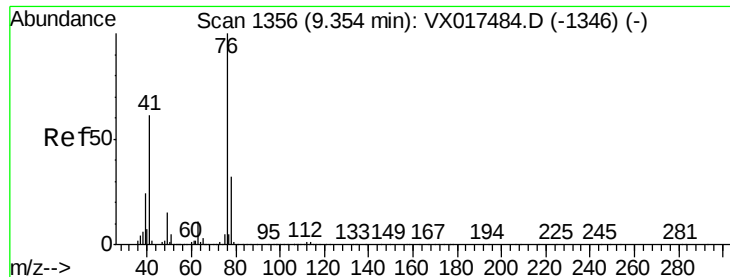
Tot Ion:	97	Resp:	101237
Ion	Ratio	Lower	Upper
97	100		
83	90.5	67.6	101.4
85	55.9	44.6	67.0
99	60.2	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 17.958 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017668.D
 Acq: 29 Jul 2020 12:08

Tgt Ion:	69	Resp:	154625
Ion	Ratio	Lower	Upper
69	100		
41	67.4	55.0	82.6
39	37.3	30.0	45.0





#57

1,3-Dichloropropane

Concen: 17.626 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017668.D

Acq: 29 Jul 2020 12:08

Instrument :

MSVOA_X

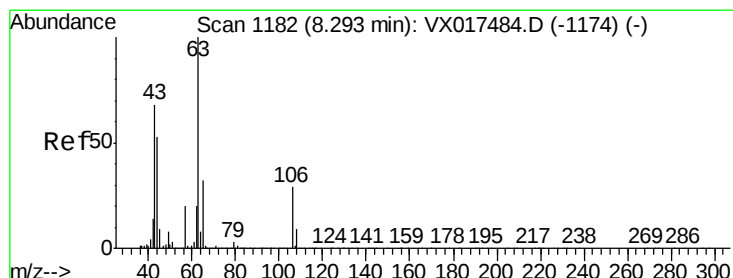
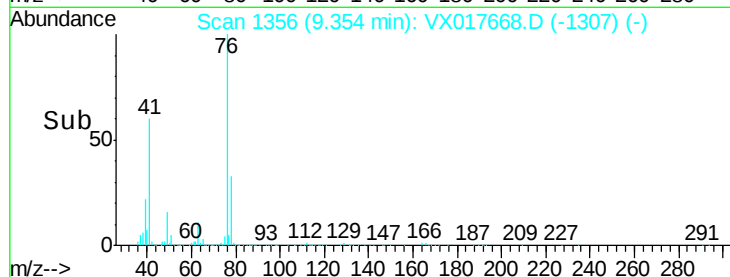
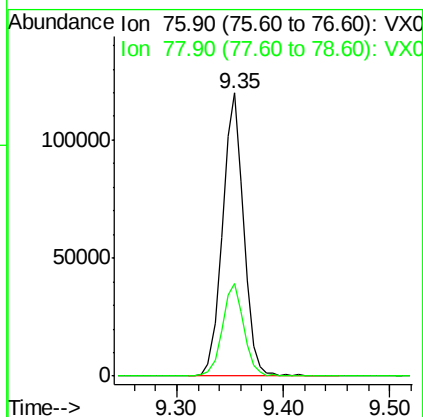
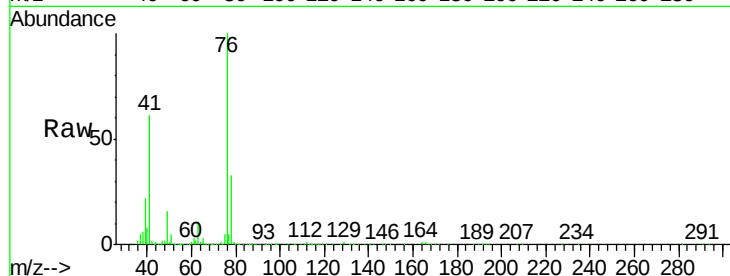
ClientSampleId :

Tot Ion: 76 Resp: 165871

Ion Ratio Lower Upper

76 100

78 33.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 95.986 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX017668.D

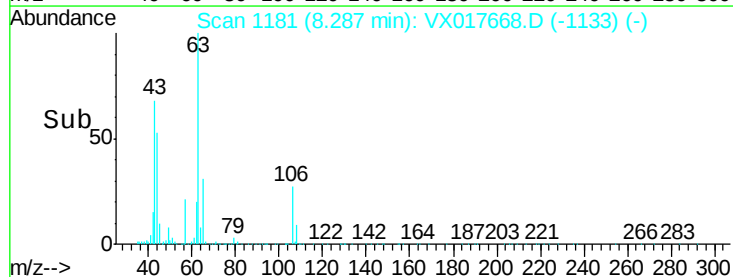
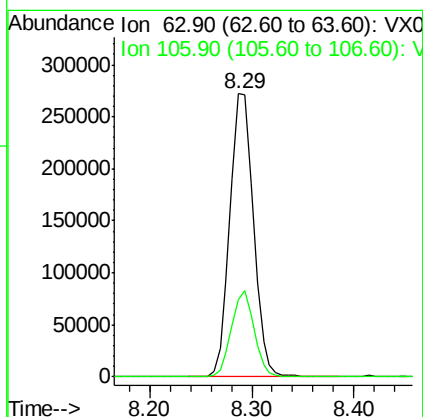
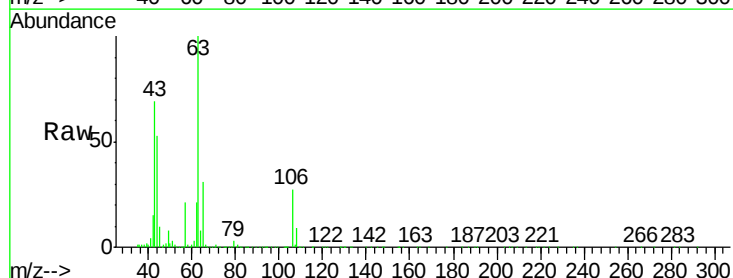
Acq: 29 Jul 2020 12:08

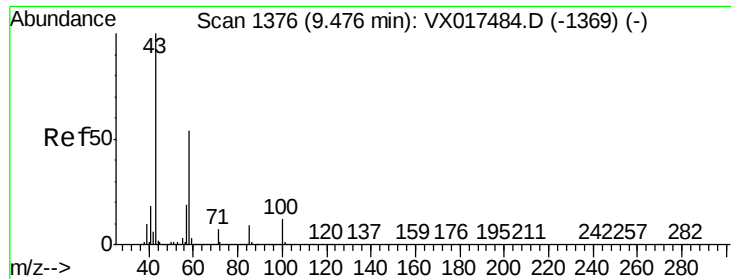
Tgt Ion: 63 Resp: 435415

Ion Ratio Lower Upper

63 100

106 29.2 22.6 34.0

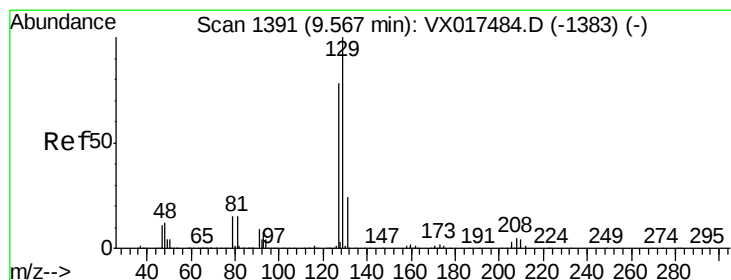
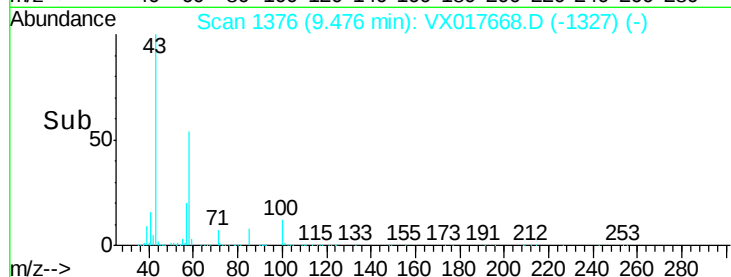
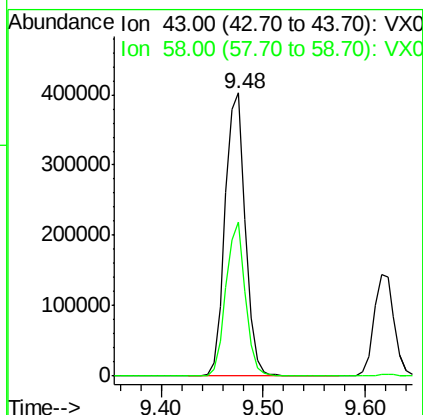
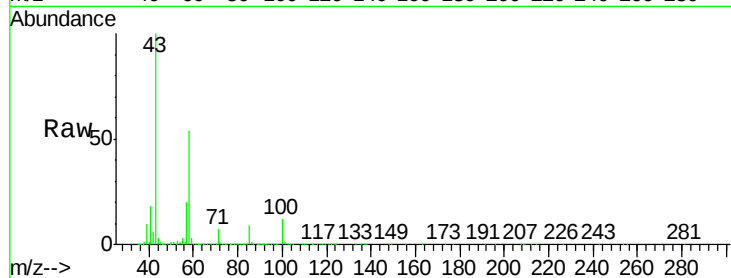




#59
2-Hexanone
Concen: 91.214 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017668.D
Acq: 29 Jul 2020 12:08

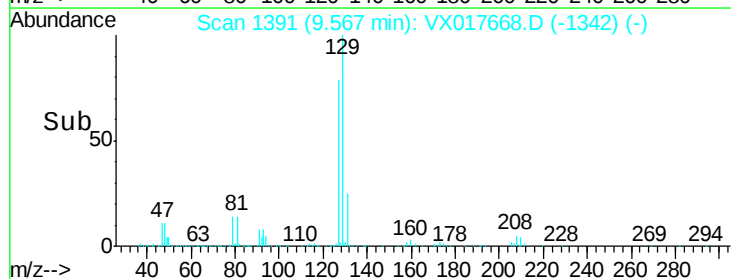
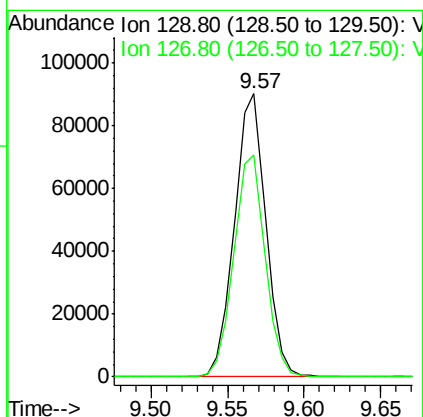
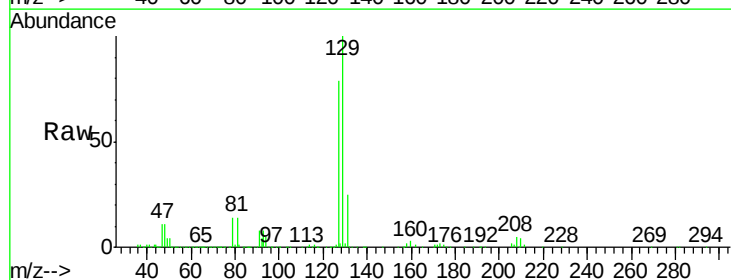
Instrument :
MSVOA_X
ClientSampleId :

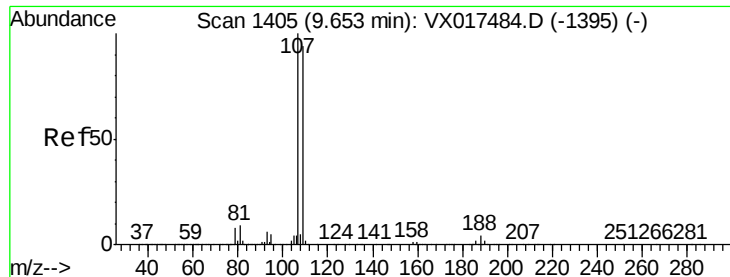
Tot Ion: 43 Resp: 551946
Ion Ratio Lower Upper
43 100
58 52.0 26.6 79.8



#60
Dibromochloromethane
Concen: 17.633 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017668.D
Acq: 29 Jul 2020 12:08

Tgt Ion: 129 Resp: 128083
Ion Ratio Lower Upper
129 100
127 78.7 38.4 115.1





#61

1,2-Dibromoethane

Concen: 18.331 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017668.D

Acq: 29 Jul 2020 12:08

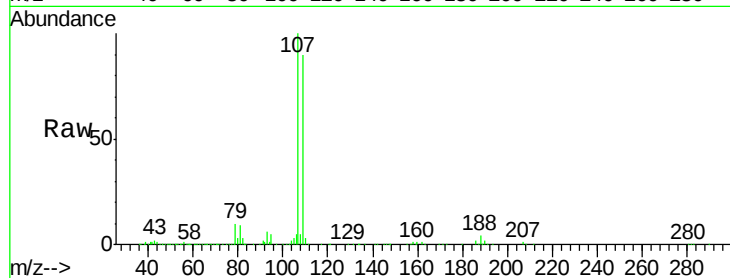
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:107 Resp: 111536

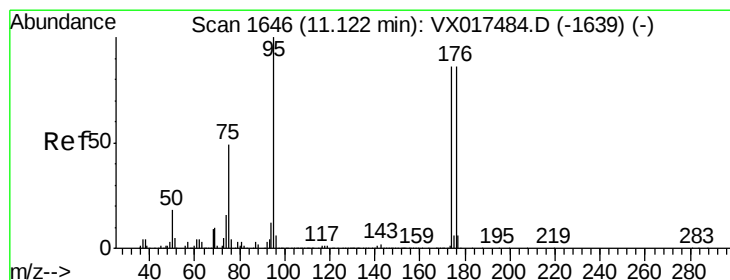
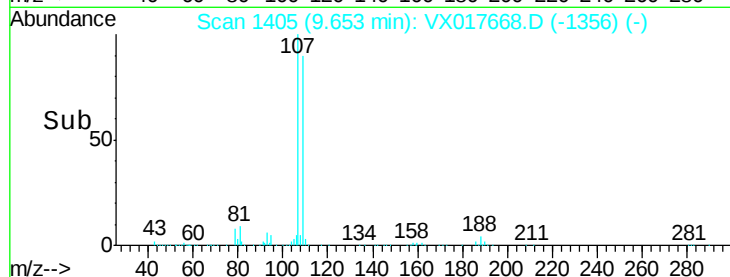
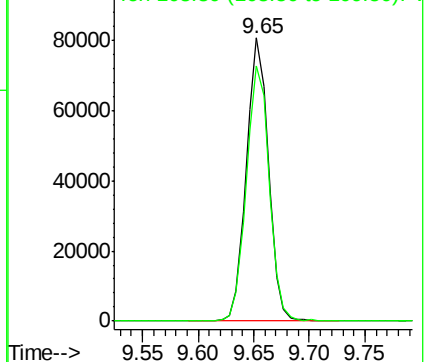
Ion Ratio Lower Upper

107 100

109 93.4 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: 50.449 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017668.D

Acq: 29 Jul 2020 12:08

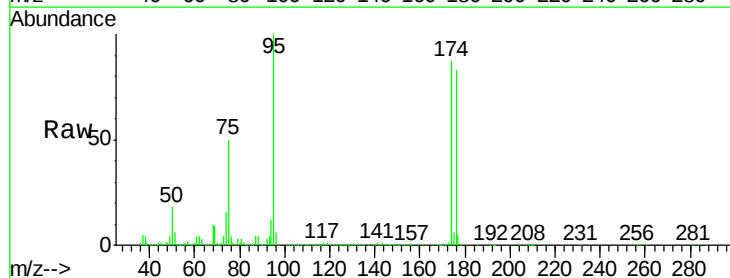
Tgt Ion: 95 Resp: 378970

Ion Ratio Lower Upper

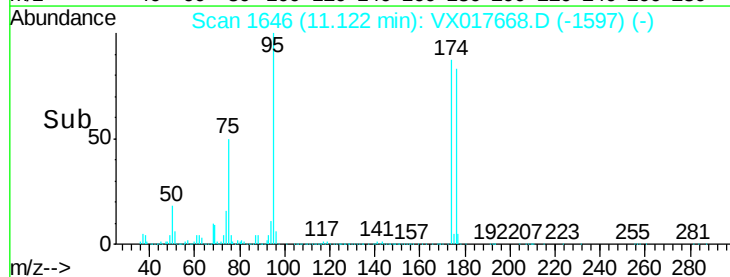
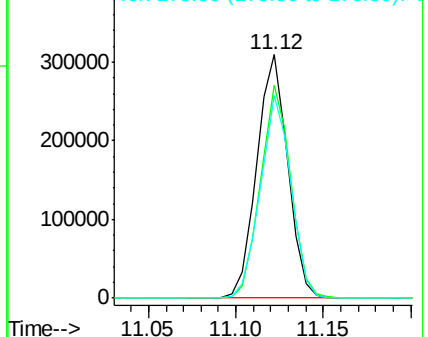
95 100

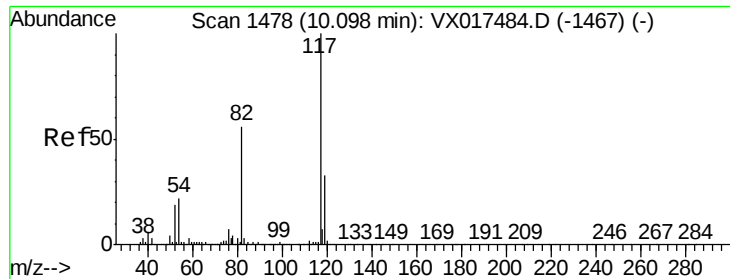
174 86.1 0.0 169.0

176 83.0 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

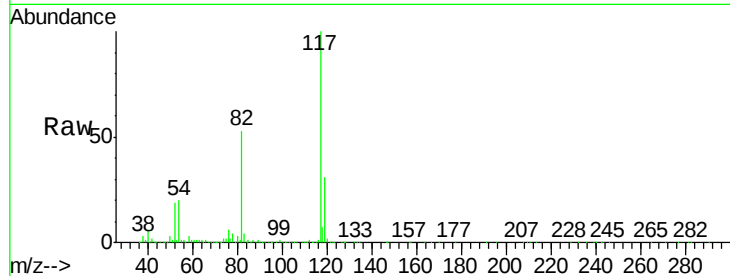




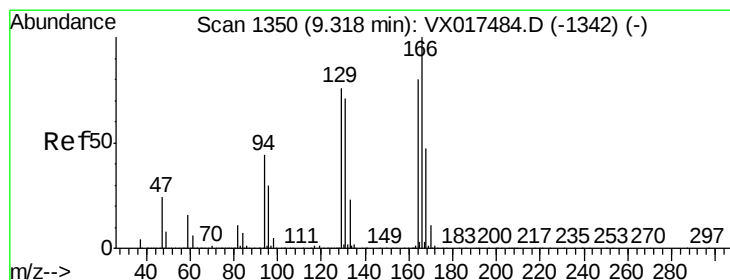
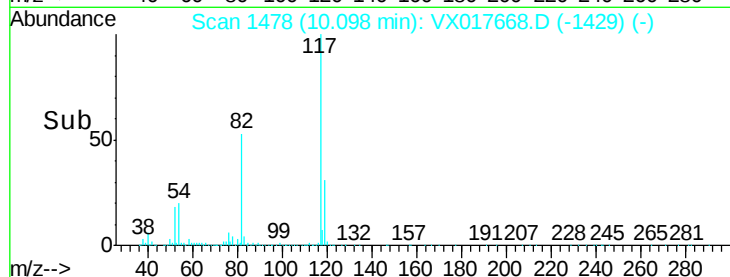
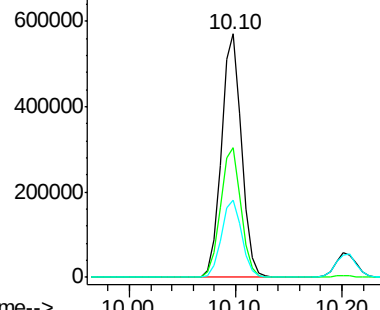
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017668.D
Acq: 29 Jul 2020 12:08

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	44.0	66.0
119	31.5	25.4	38.0



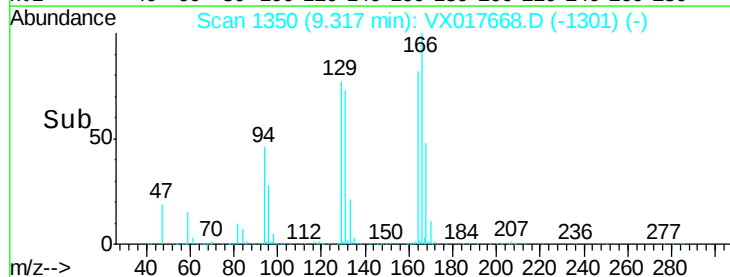
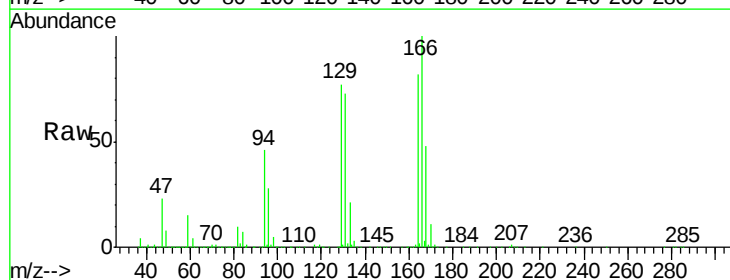
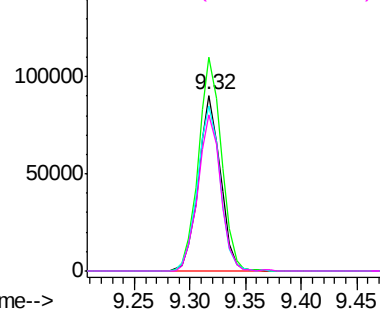
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

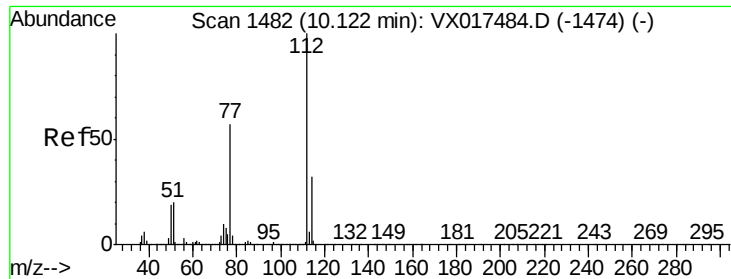


#64
Tetrachloroethene
Concen: 18.220 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017668.D
Acq: 29 Jul 2020 12:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.4	100.6	150.8
129	93.8	75.0	112.6
131	88.4	75.2	112.8

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





#65

Chlorobenzene

Concen: 18.091 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017668.D

Acq: 29 Jul 2020 12:08

Instrument :

MSVOA_X

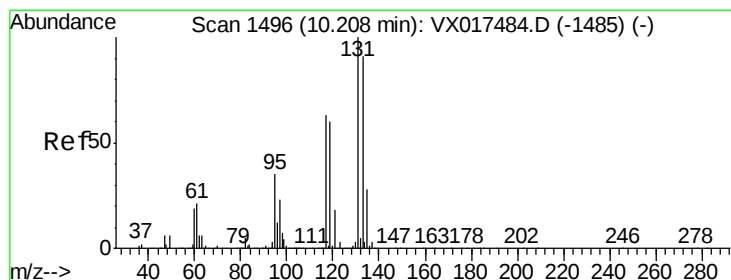
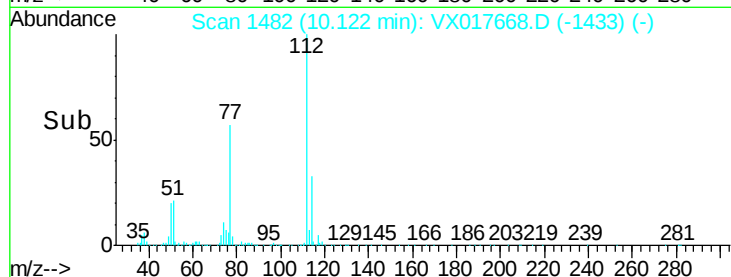
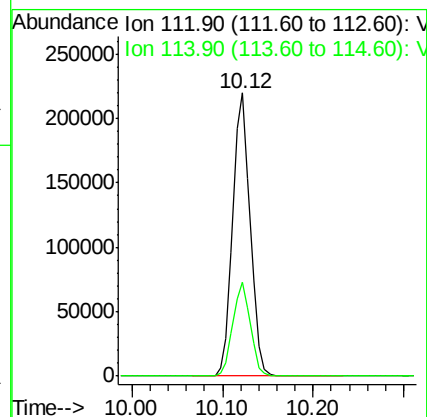
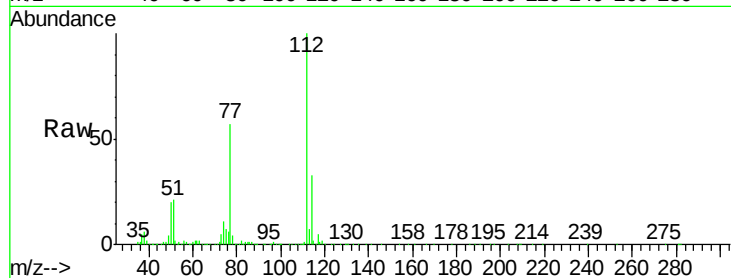
ClientSampleId :

Tot Ion:112 Resp: 295007

Ion Ratio Lower Upper

112 100

114 33.2 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 18.633 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX017668.D

Acq: 29 Jul 2020 12:08

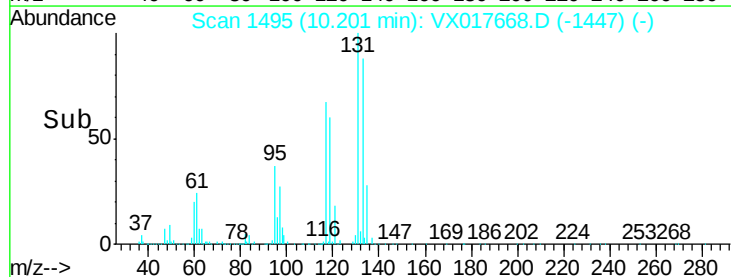
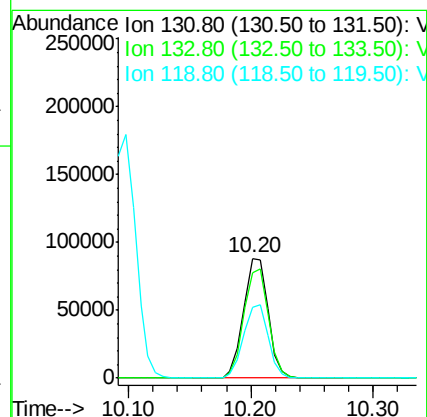
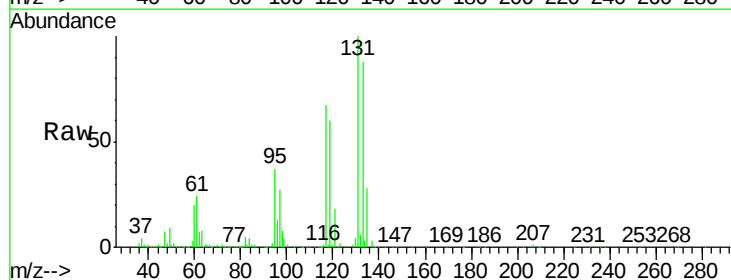
Tgt Ion:131 Resp: 122626

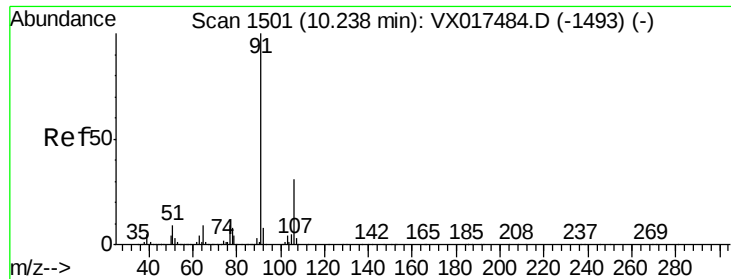
Ion Ratio Lower Upper

131 100

133 91.1 47.9 143.6

119 61.8 31.1 93.3





#67

Ethyl Benzene

Concen: 18.415 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX017668.D

Acq: 29 Jul 2020 12:08

Instrument :

MSVOA_X

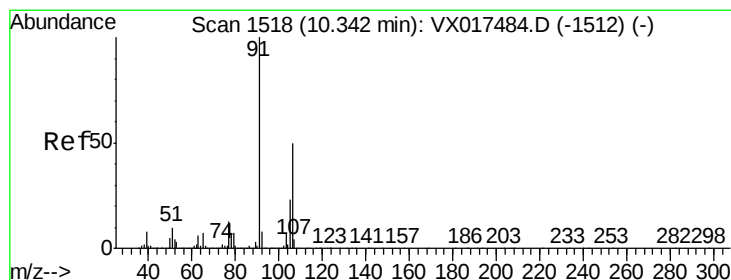
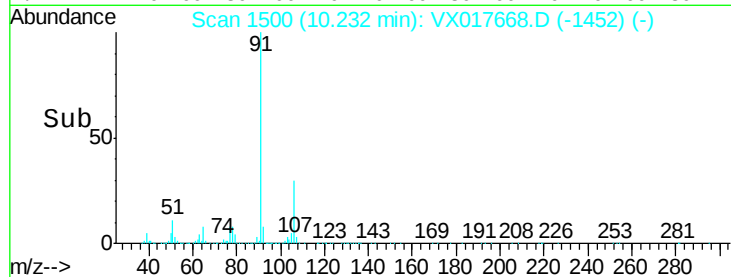
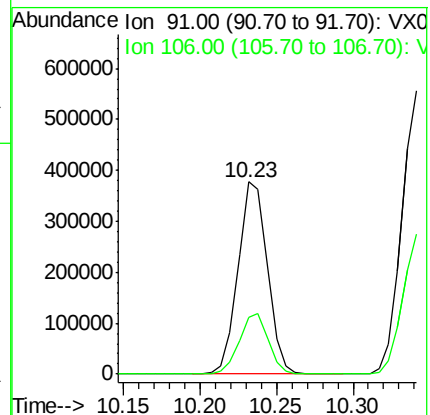
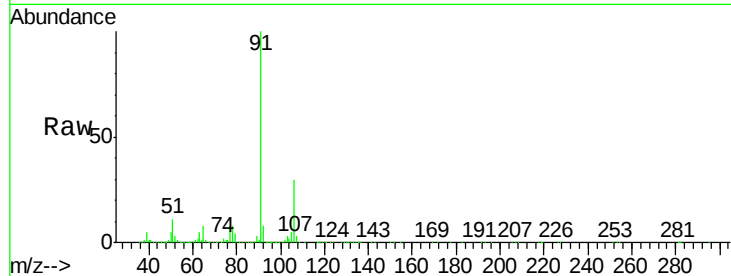
ClientSampleId :

Tot Ion: 91 Resp: 501258

Ion Ratio Lower Upper

91 100

106 29.7 25.8 38.6



#68

m/p-Xylenes

Concen: 34.101 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017668.D

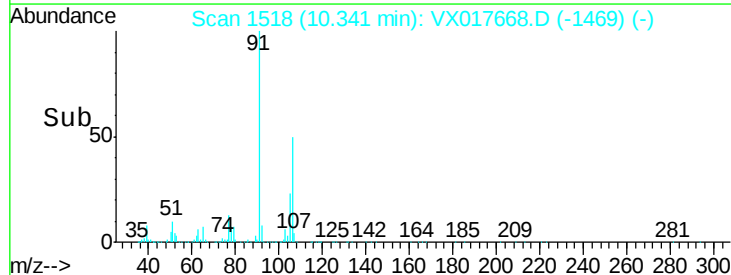
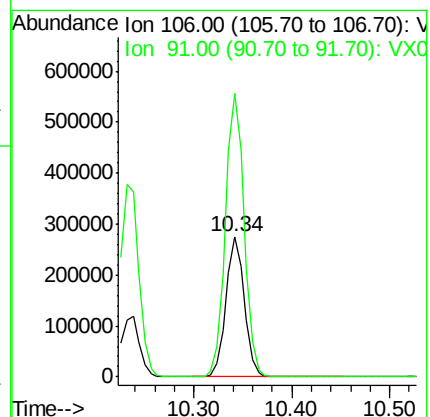
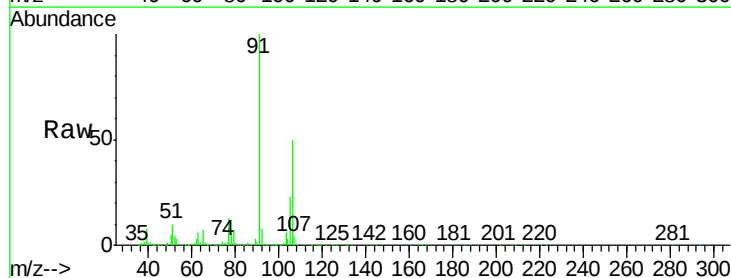
Acq: 29 Jul 2020 12:08

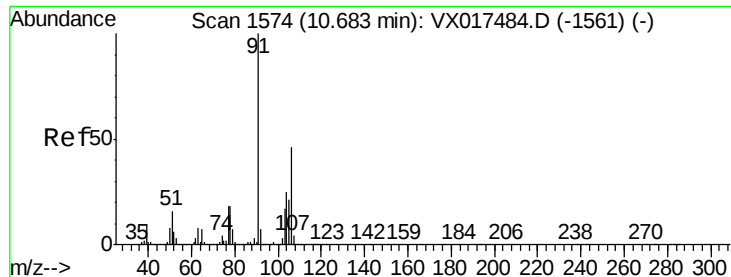
Tgt Ion: 106 Resp: 359596

Ion Ratio Lower Upper

106 100

91 205.1 160.9 241.3

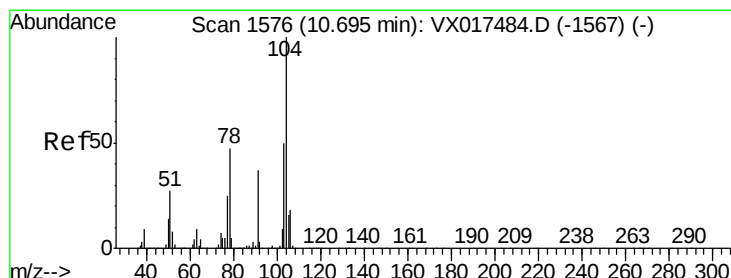
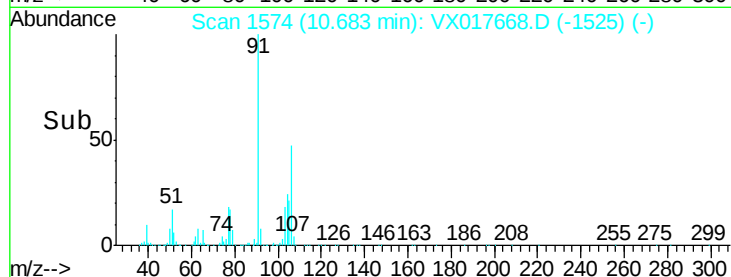
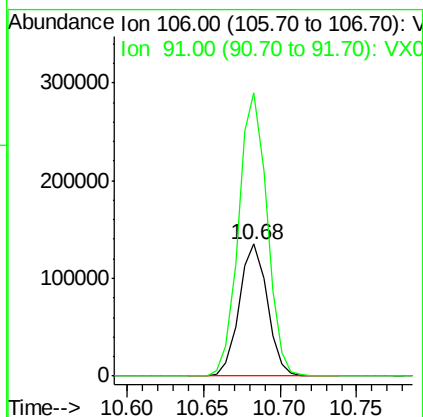
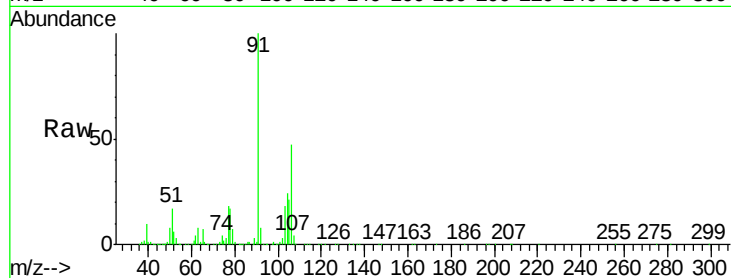




#69
o-Xylene
Concen: 16.919 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017668.D
Acq: 29 Jul 2020 12:08

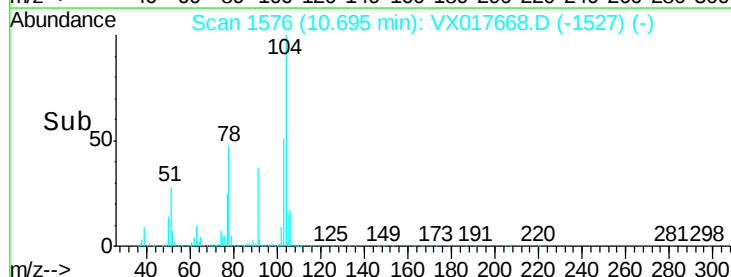
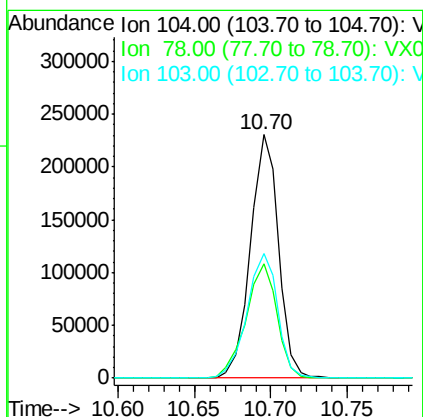
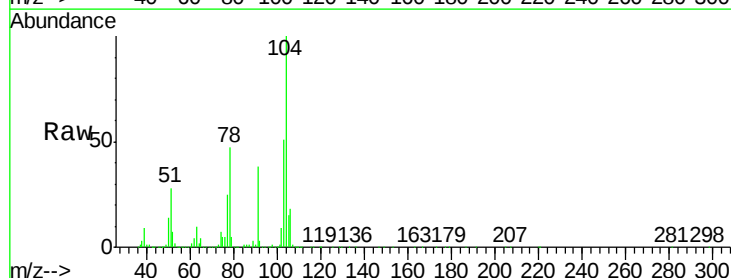
Instrument :
MSVOA_X
ClientSampleId :

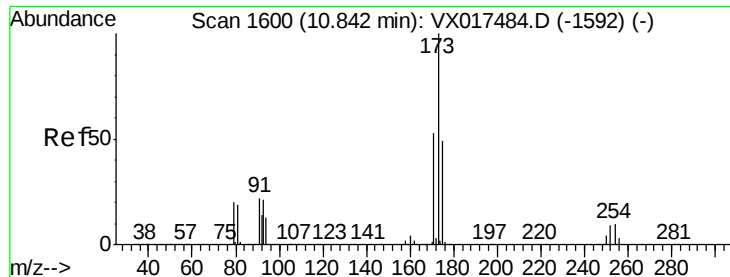
Tot Ion:106 Resp: 171587
Ion Ratio Lower Upper
106 100
91 217.2 108.2 324.6



#70
Styrene
Concen: 17.052 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017668.D
Acq: 29 Jul 2020 12:08

Tgt Ion:104 Resp: 294250
Ion Ratio Lower Upper
104 100
78 52.3 42.5 63.7
103 56.3 44.3 66.5





#71

Bromoform

Concen: 17.760 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017668.D

Acq: 29 Jul 2020 12:08

Instrument :

MSVOA_X

ClientSampleId :

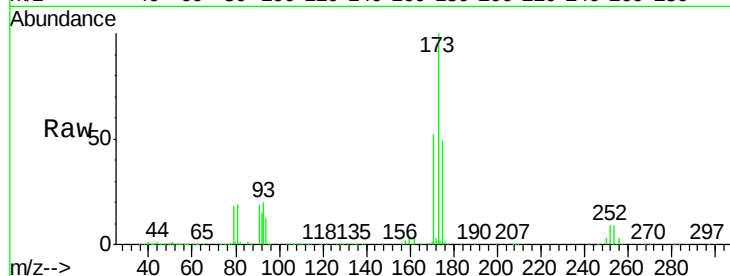
Tot Ion:173 Resp: 101264

Ion Ratio Lower Upper

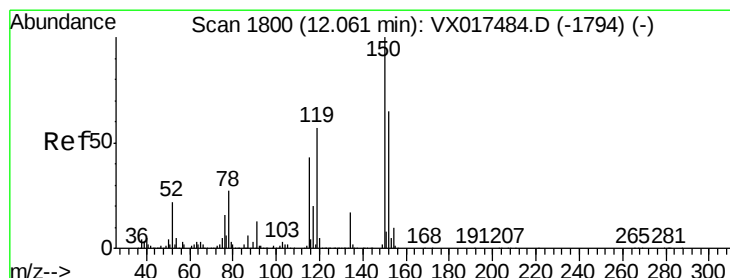
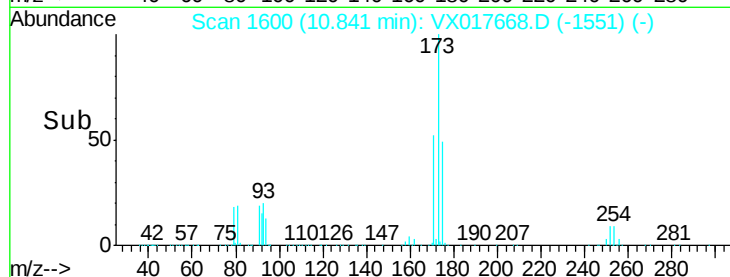
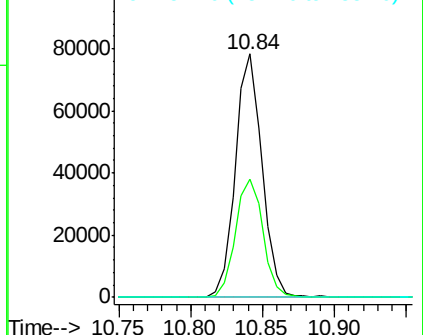
173 100

175 50.6 23.8 71.5

254 0.2 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: VX017668.D

Acq: 29 Jul 2020 12:08

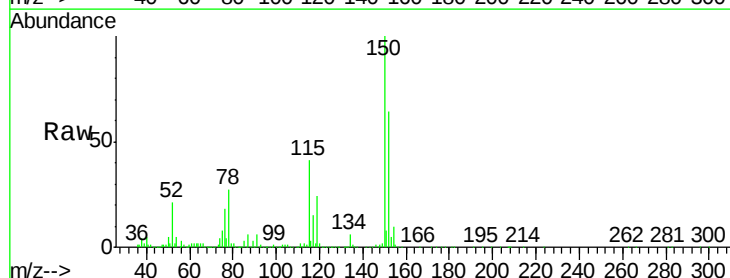
Tgt Ion:152 Resp: 396505

Ion Ratio Lower Upper

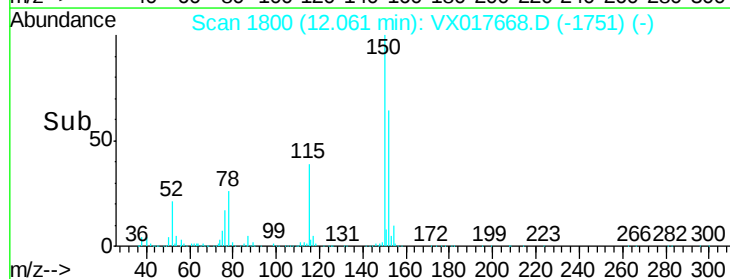
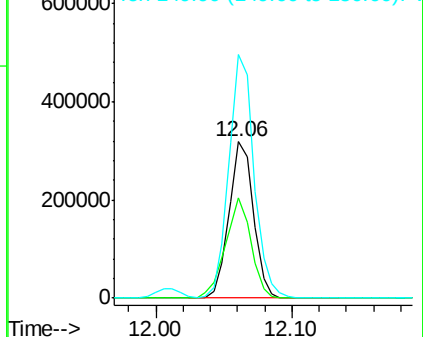
152 100

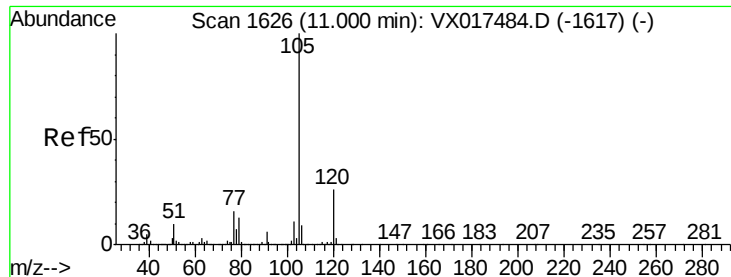
115 67.2 65.5 196.6

150 160.9 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: 18.689 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017668.D

Acq: 29 Jul 2020 12:08

Instrument :

MSVOA_X

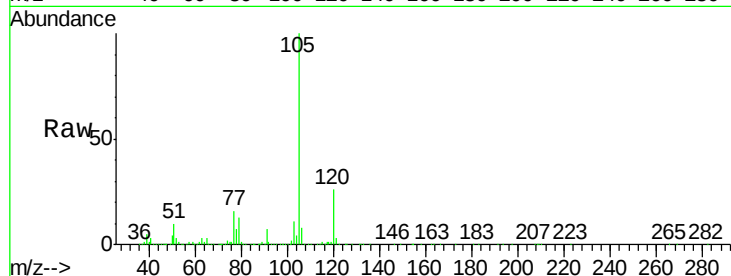
ClientSampleId :

Tot Ion: 105 Resp: 508371

Ion Ratio Lower Upper

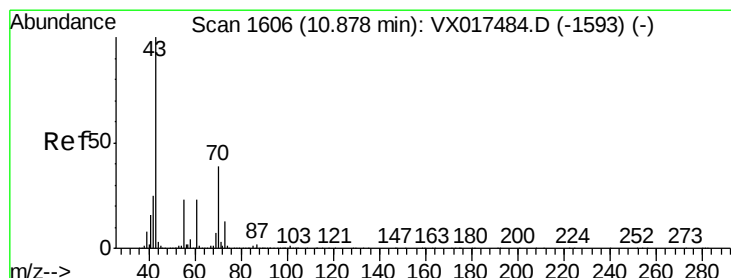
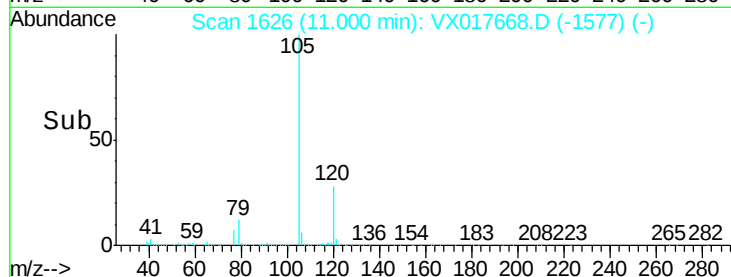
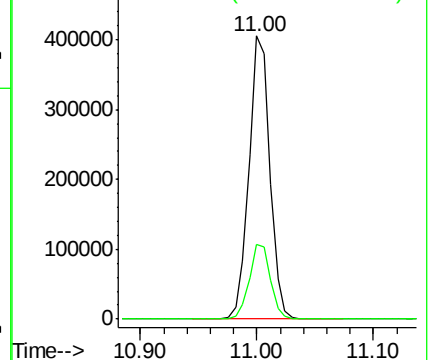
105 100

120 26.6 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 15.820 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017668.D

Acq: 29 Jul 2020 12:08

Tgt Ion: 43 Resp: 191191

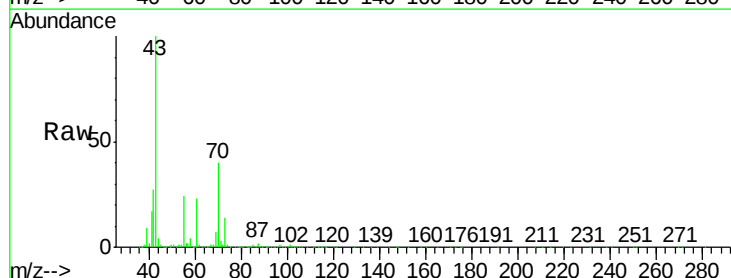
Ion Ratio Lower Upper

43 100

70 40.9 32.3 48.5

55 23.6 18.4 27.6

61 23.7 18.6 28.0

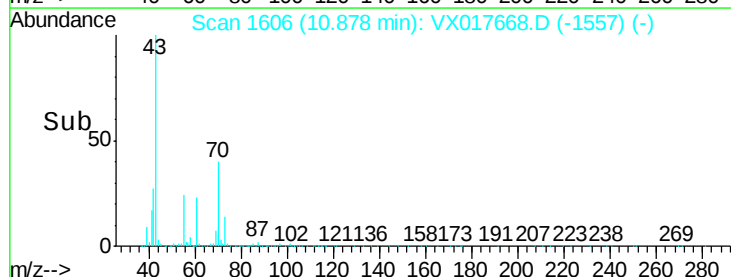
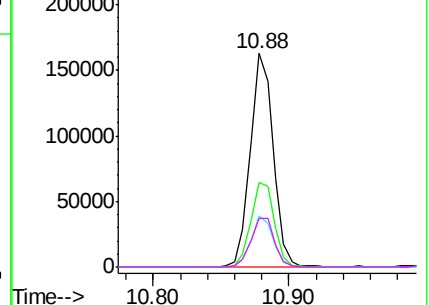


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.174 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017668.D

Acq: 29 Jul 2020 12:08

Instrument :

MSVOA_X

ClientSampleId :

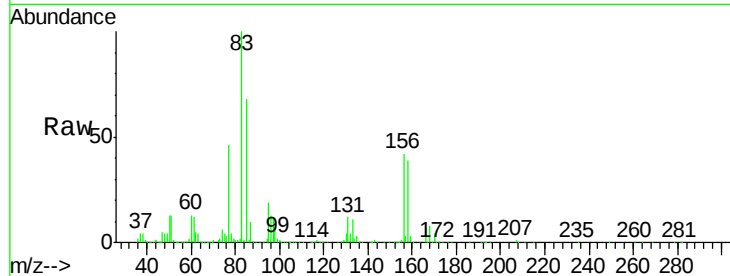
Tot Ion: 83 Resp: 154306

Ion Ratio Lower Upper

83 100

131 12.0 5.5 16.5

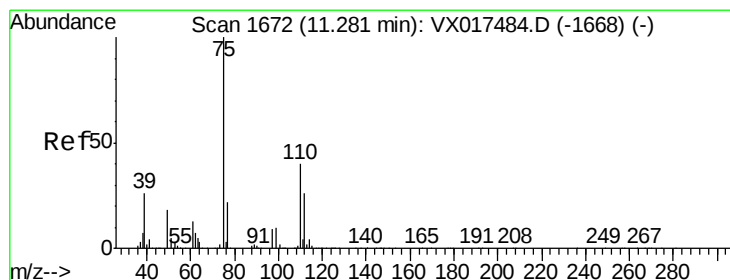
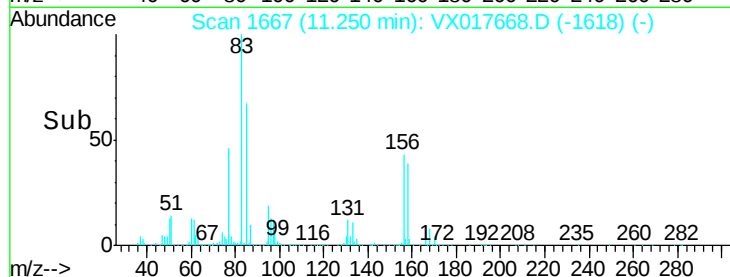
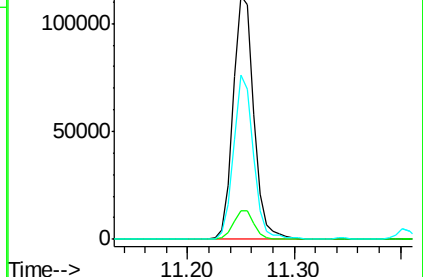
85 65.2 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.860 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017668.D

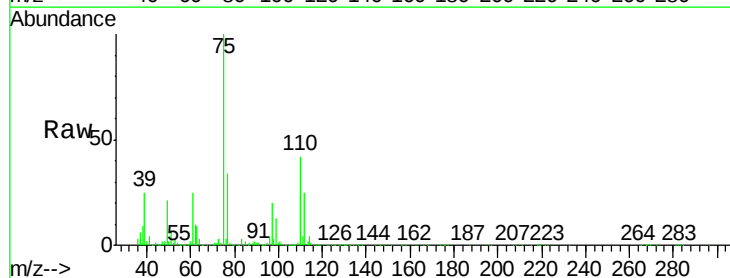
Acq: 29 Jul 2020 12:08

Tgt Ion: 75 Resp: 194606

Ion Ratio Lower Upper

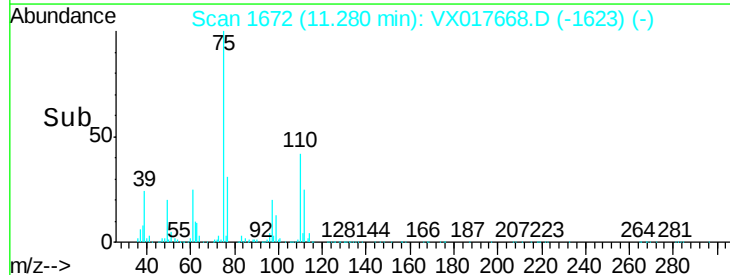
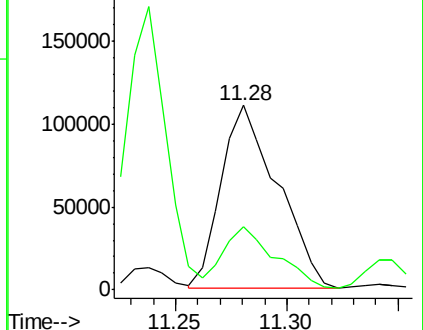
75 100

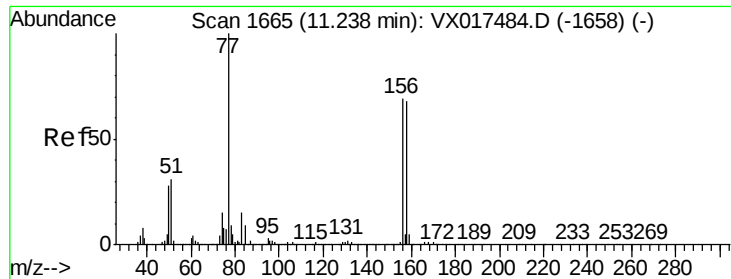
77 32.2 21.8 65.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.035 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017668.D

Acq: 29 Jul 2020 12:08

Instrument :

MSVOA_X

ClientSampleId :

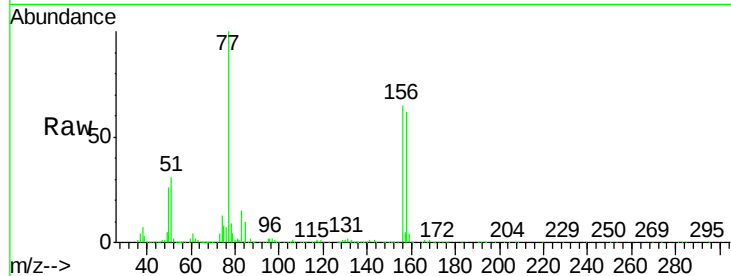
Tot Ion:156 Resp: 144952

Ion Ratio Lower Upper

156 100

77 147.8 75.0 225.0

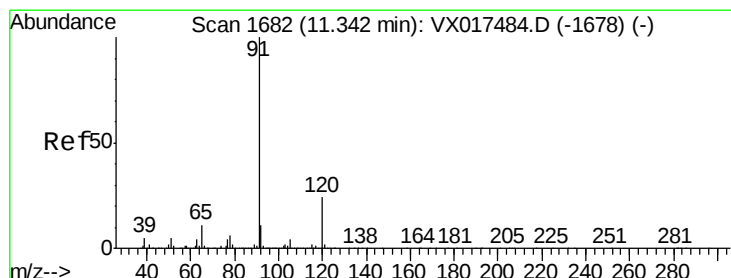
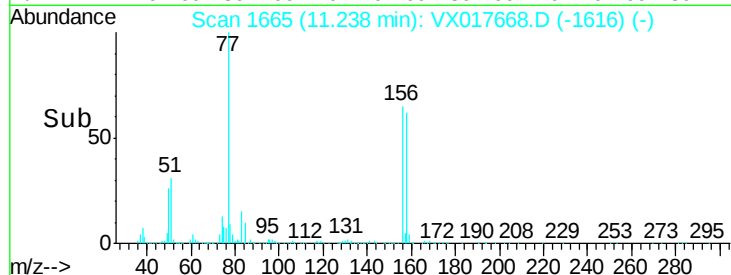
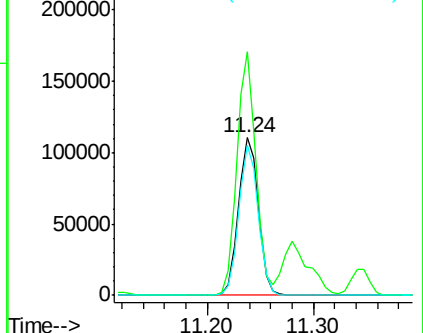
158 93.4 49.1 147.3



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: 19.133 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017668.D

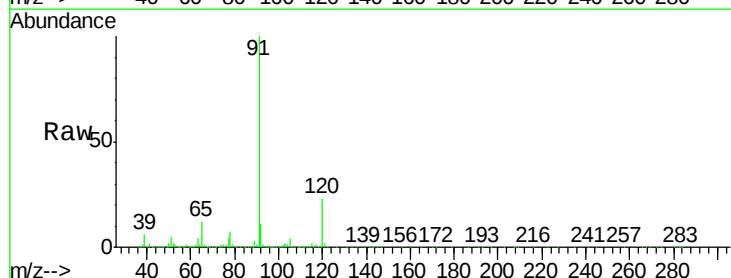
Acq: 29 Jul 2020 12:08

Tgt Ion: 91 Resp: 586970

Ion Ratio Lower Upper

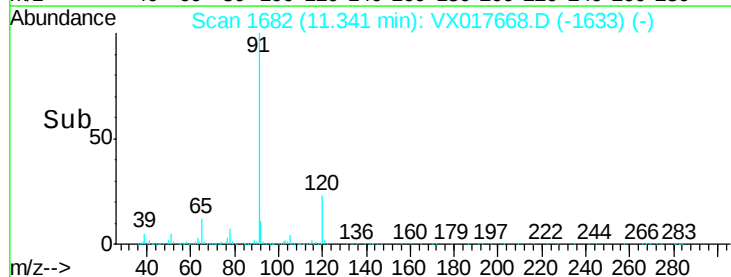
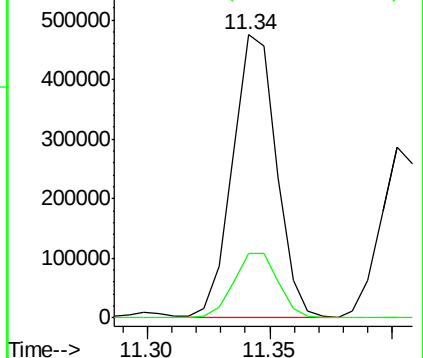
91 100

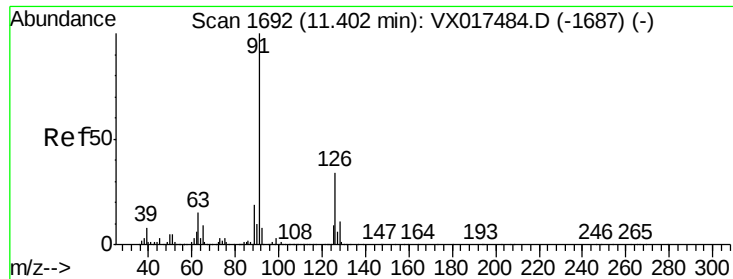
120 23.7 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.649 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017668.D

Acq: 29 Jul 2020 12:08

Instrument :

MSVOA_X

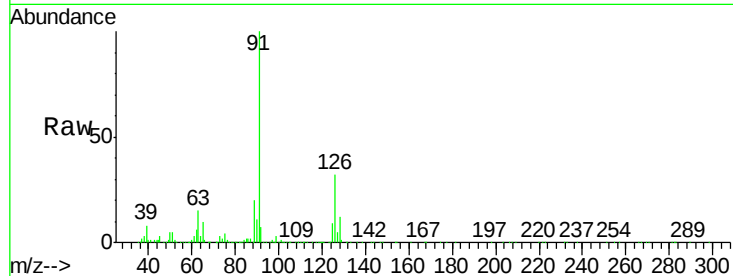
ClientSampled :

Tot Ion: 91 Resp: 354398

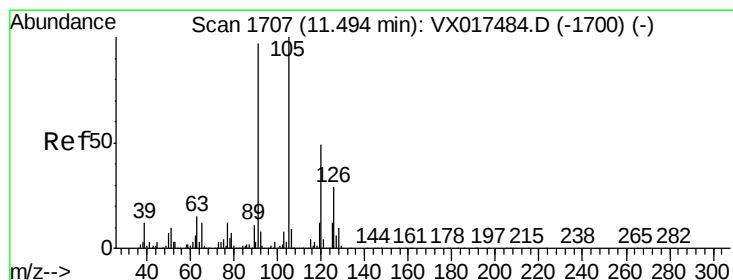
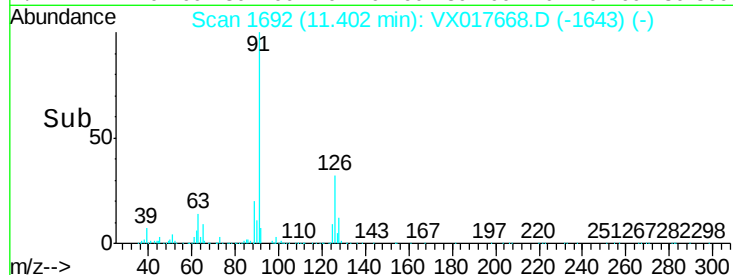
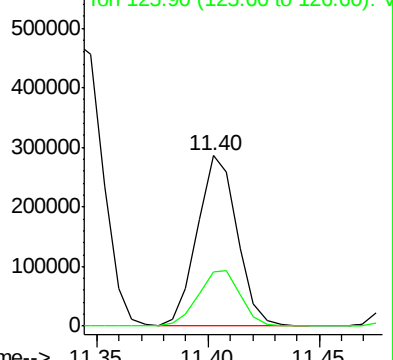
Ion Ratio Lower Upper

91 100

126 34.7 17.5 52.5



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



#80

1,3,5-Trimethylbenzene

Concen: 19.158 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017668.D

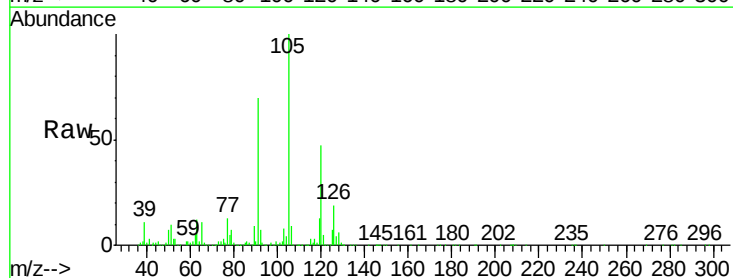
Acq: 29 Jul 2020 12:08

Tgt Ion: 105 Resp: 444941

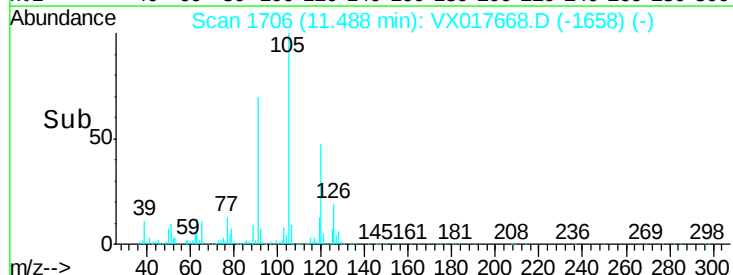
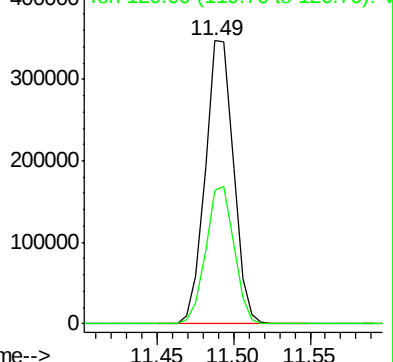
Ion Ratio Lower Upper

105 100

120 48.4 24.1 72.3



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





#81

trans-1,4-Dichloro-2-butene

Concen: 17.302 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX017668.D

Acq: 29 Jul 2020 12:08

Instrument :

MSVOA_X

ClientSampleId :

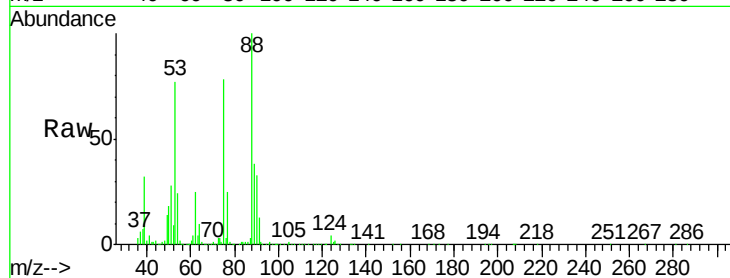
Tot Ion: 75 Resp: 56004

Ion Ratio Lower Upper

75 100

53 102.6 75.9 113.9

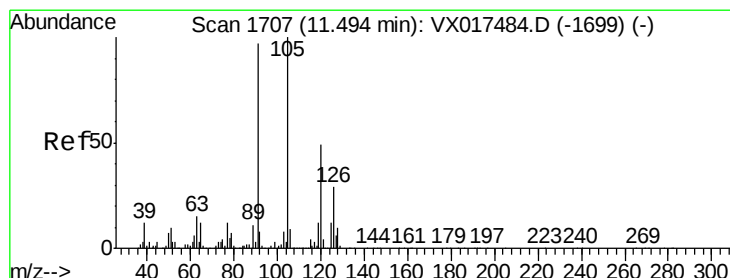
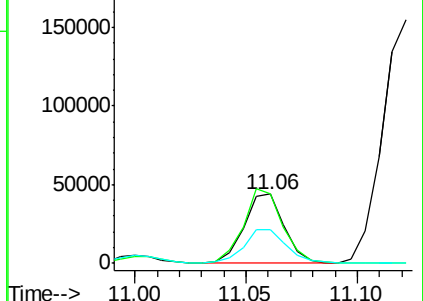
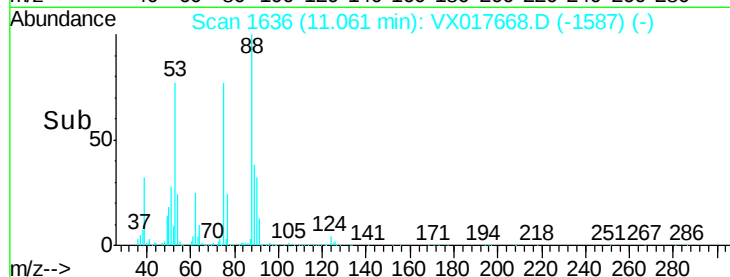
89 51.5 37.8 56.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.767 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017668.D

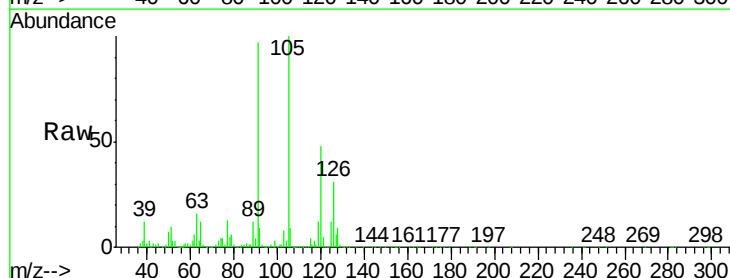
Acq: 29 Jul 2020 12:08

Tgt Ion: 91 Resp: 420704

Ion Ratio Lower Upper

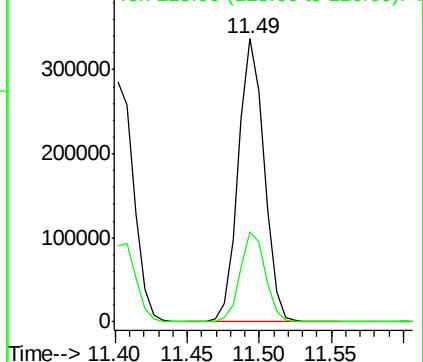
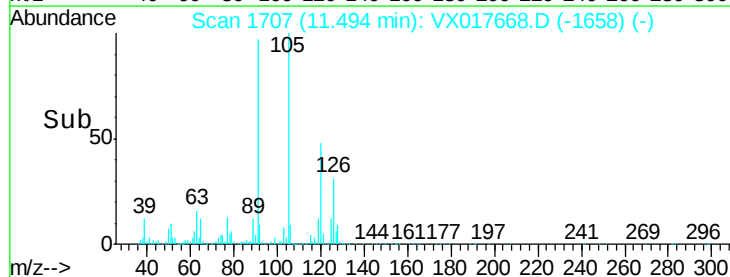
91 100

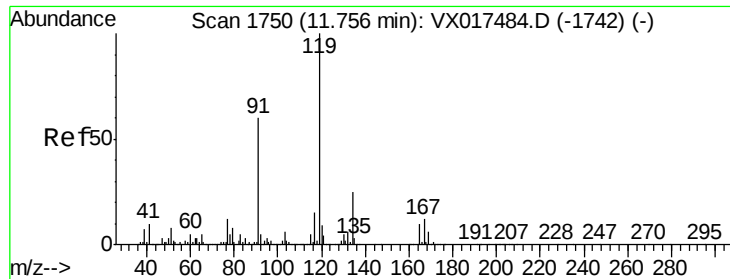
126 31.0 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

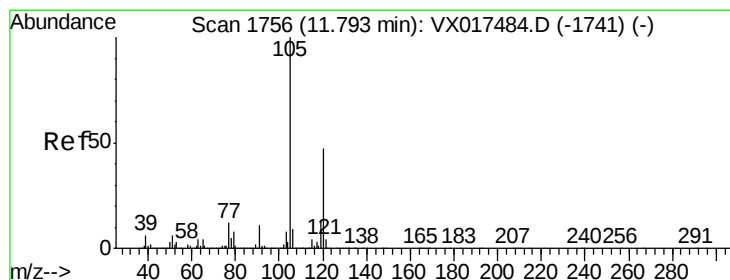
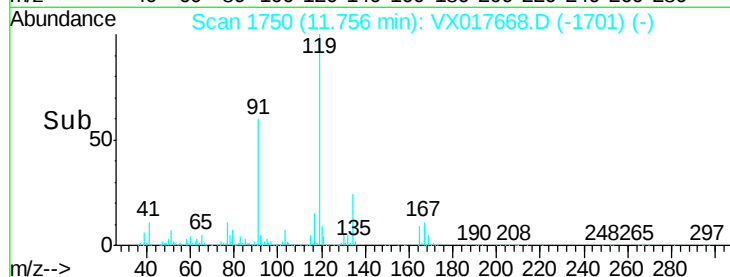
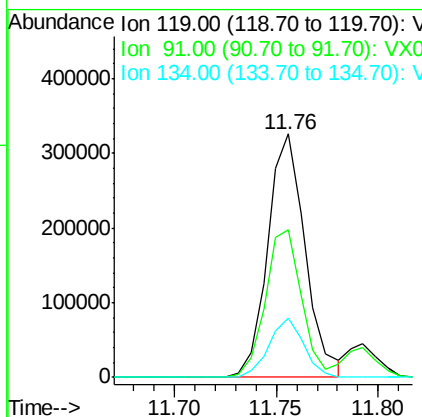
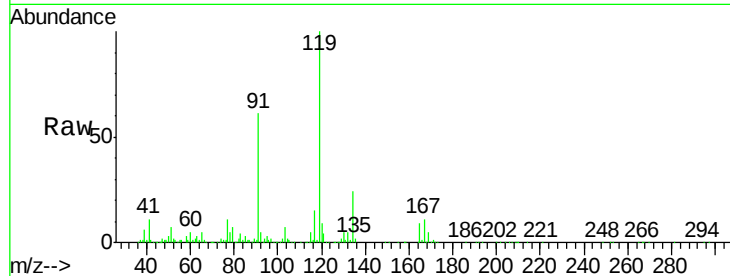




#83
 tert-Butylbenzene
 Concen: 18.734 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017668.D
 Acq: 29 Jul 2020 12:08

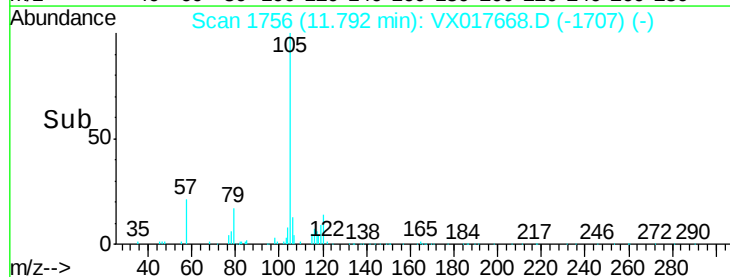
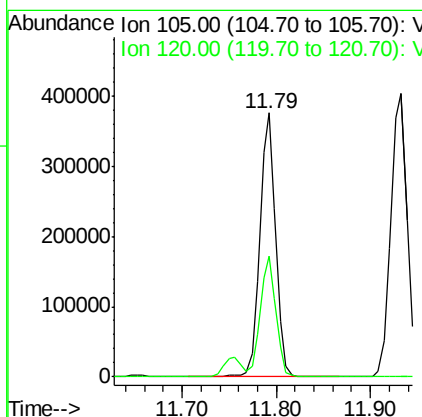
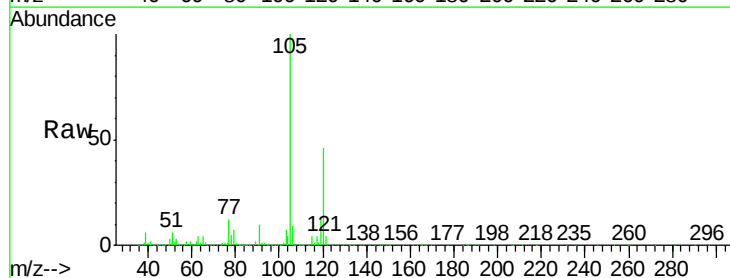
Instrument :
 MSVOA_X
 ClientSampleId :

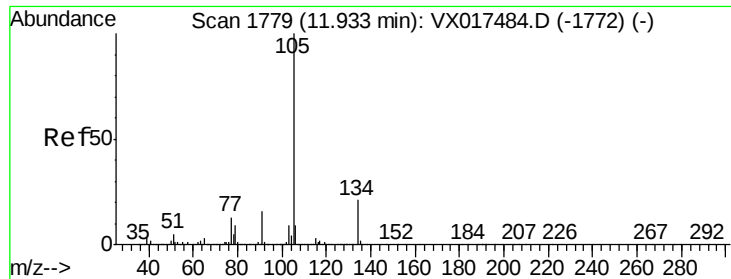
Tot Ion:119 Resp: 416320
 Ion Ratio Lower Upper
 119 100
 91 58.5 29.3 88.0
 134 22.7 11.2 33.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.290 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017668.D
 Acq: 29 Jul 2020 12:08

Tgt Ion:105 Resp: 445586
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.7 68.0





#85

sec-Butylbenzene

Concen: 18.782 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017668.D

Acq: 29 Jul 2020 12:08

Instrument :

MSVOA_X

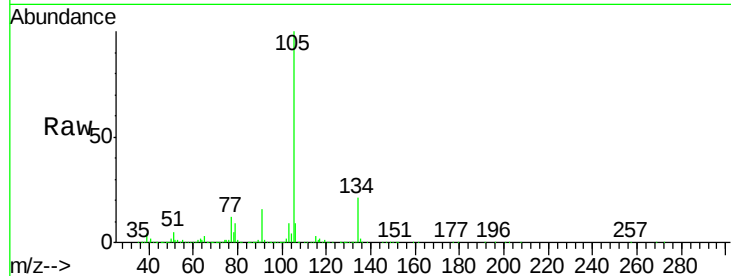
ClientSampleId :

Tot Ion:105 Resp: 486215

Ion Ratio Lower Upper

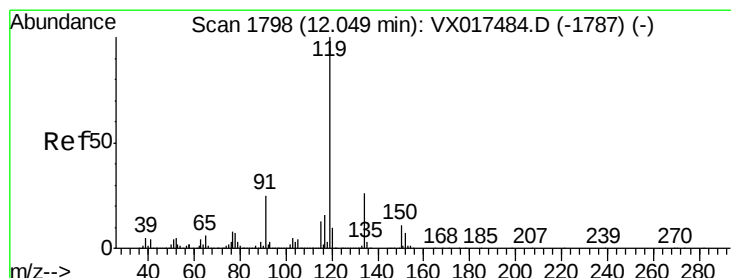
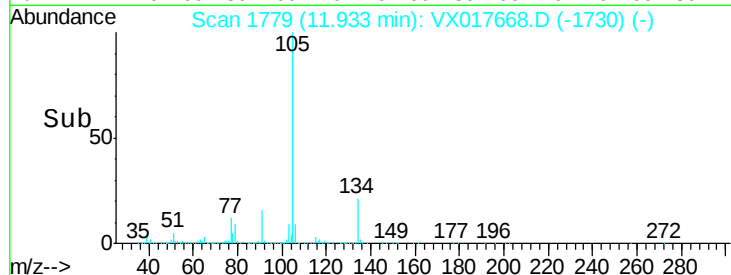
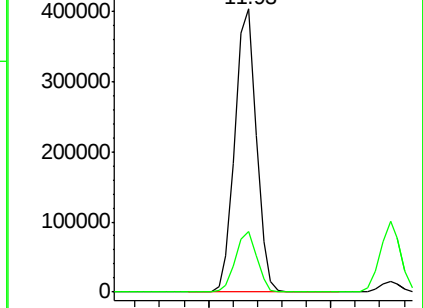
105 100

134 21.7 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.152 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017668.D

Acq: 29 Jul 2020 12:08

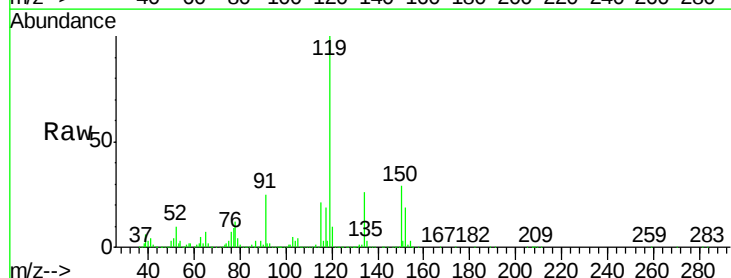
Tgt Ion:119 Resp: 447501

Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

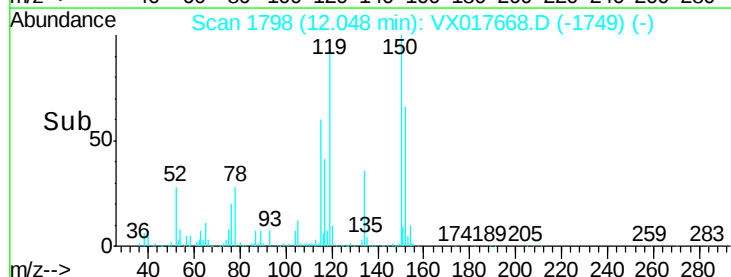
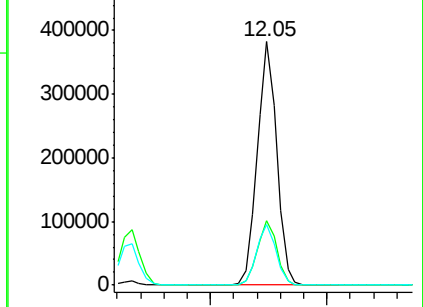
91 24.8 12.1 36.3

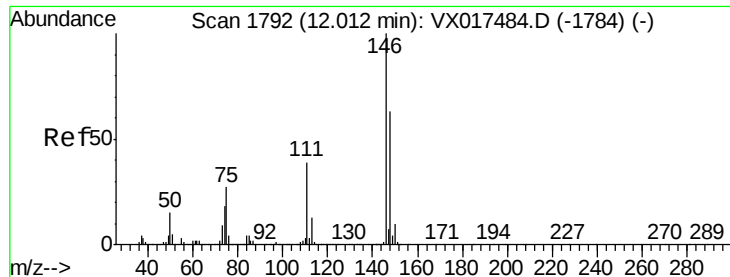


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

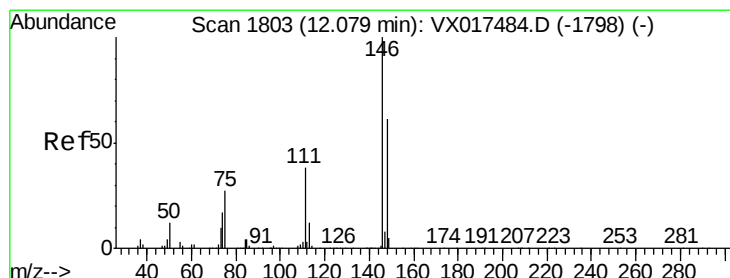
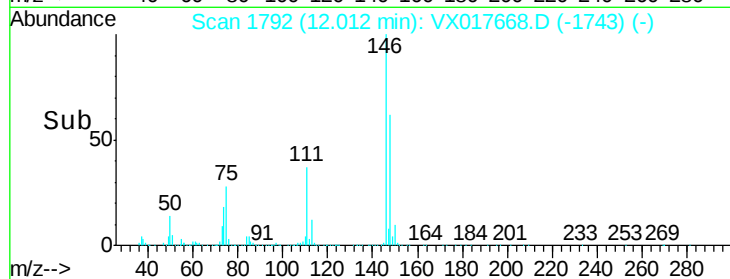
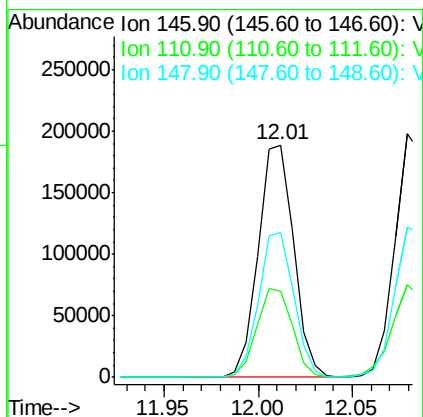
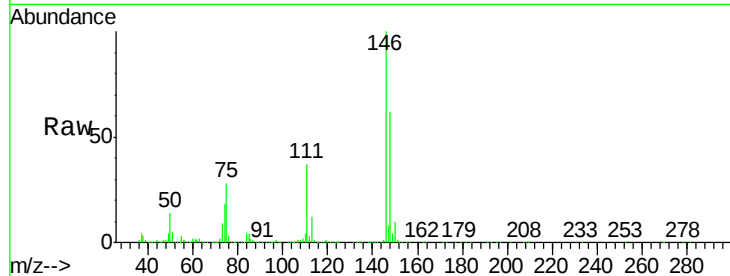




#87
 1,3-Dichlorobenzene
 Concen: 18.882 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017668.D
 Acq: 29 Jul 2020 12:08

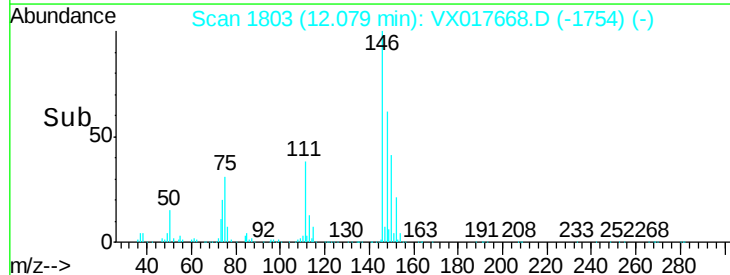
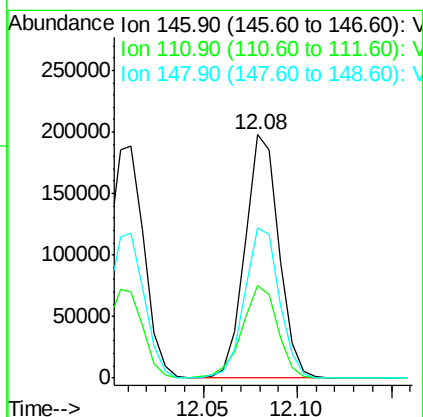
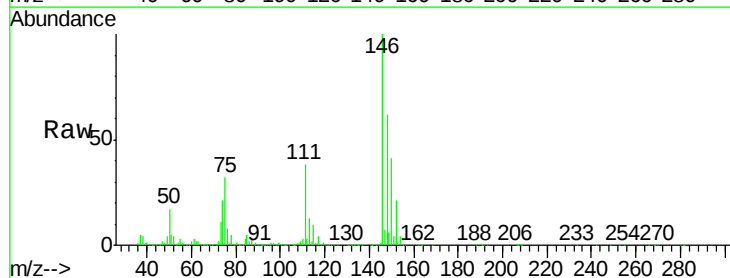
Instrument :
 MSVOA_X
 ClientSampled :

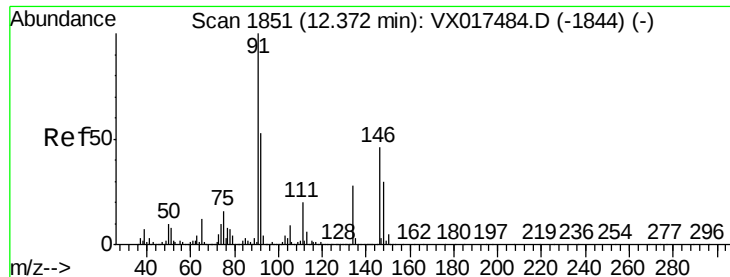
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.9	59.7
148	62.0	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 18.130 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017668.D
 Acq: 29 Jul 2020 12:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.3	57.8
148	63.8	32.2	96.6





#89

n-Butylbenzene

Concen: 17.926 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX017668.D

Acq: 29 Jul 2020 12:08

Instrument :

MSVOA_X

ClientSampleId :

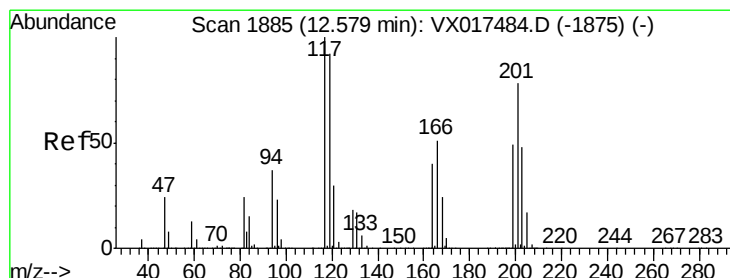
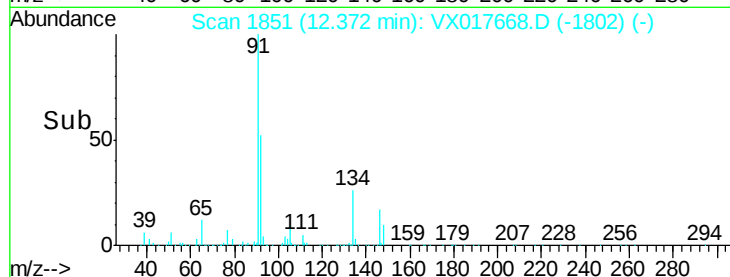
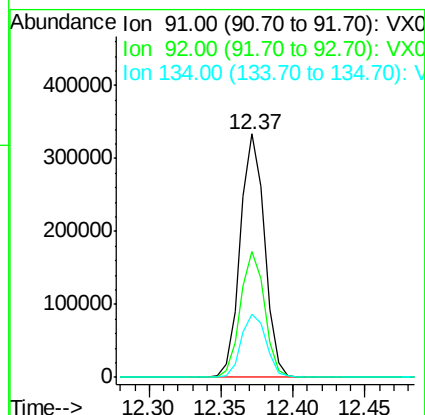
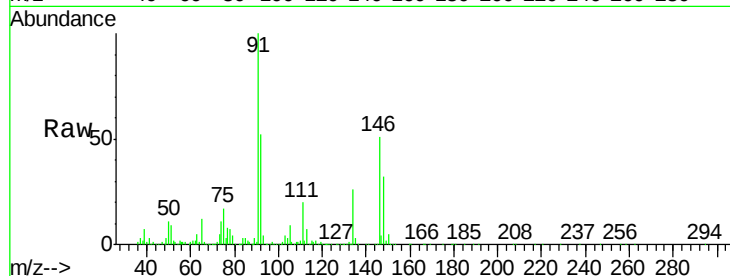
Tot Ion: 91 Resp: 393782

Ion Ratio Lower Upper

91 100

92 51.5 26.7 80.1

134 26.4 13.6 40.7



#90

Hexachloroethane

Concen: 17.311 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX017668.D

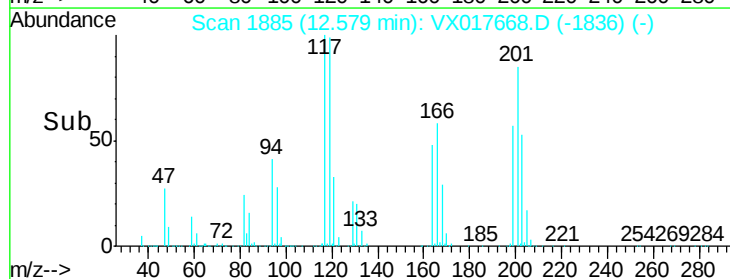
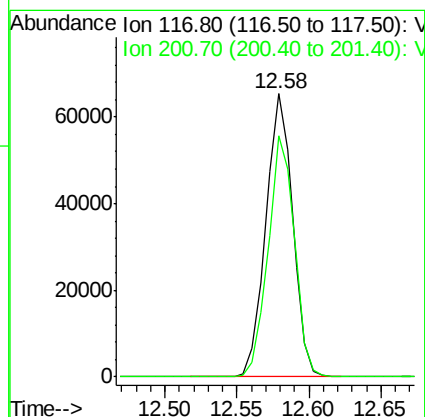
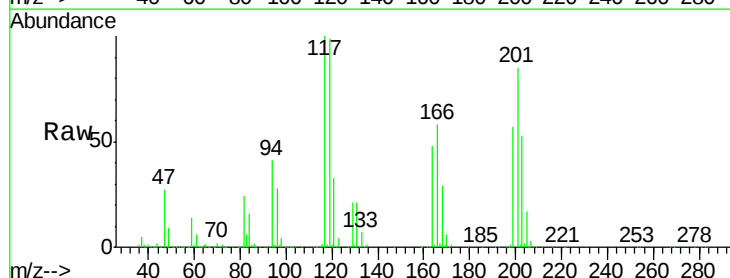
Acq: 29 Jul 2020 12:08

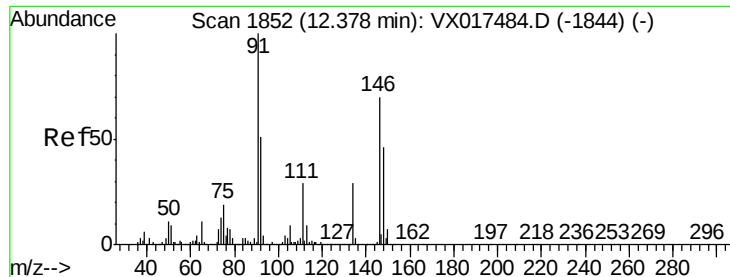
Tgt Ion: 117 Resp: 84137

Ion Ratio Lower Upper

117 100

201 83.3 42.2 126.6





#91

1,2-Dichlorobenzene

Concen: 17.806 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017668.D

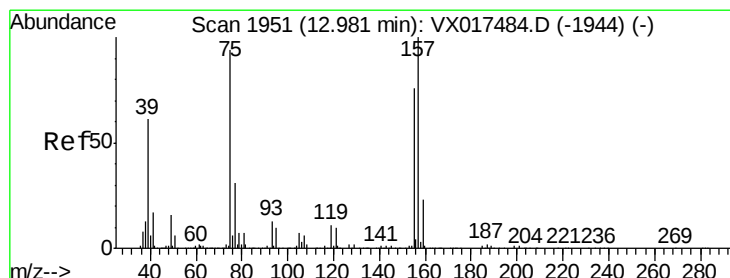
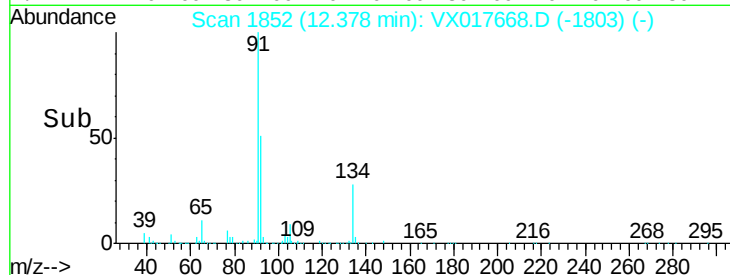
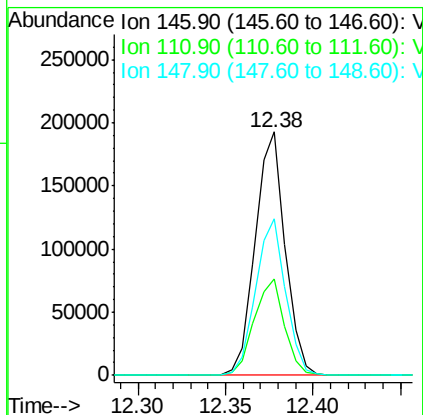
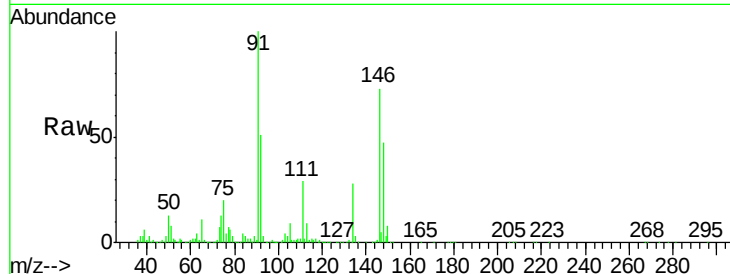
Acq: 29 Jul 2020 12:08

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	146	Resp:	228845
Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.9	62.8
148	64.8	32.8	98.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.957 ug/l

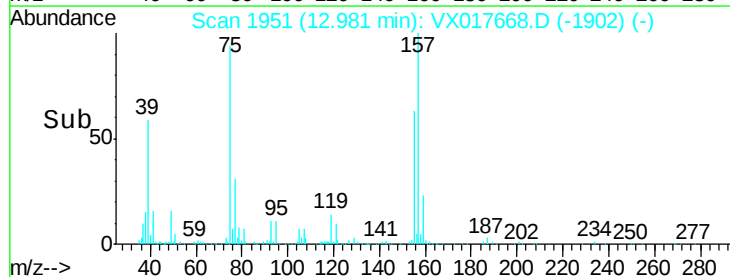
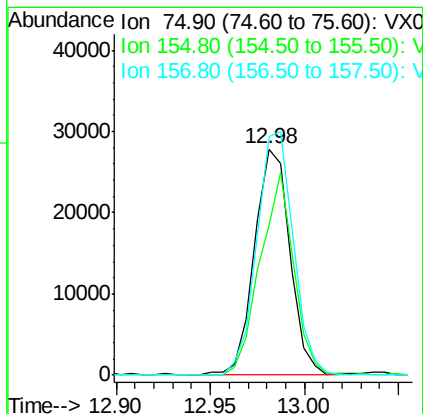
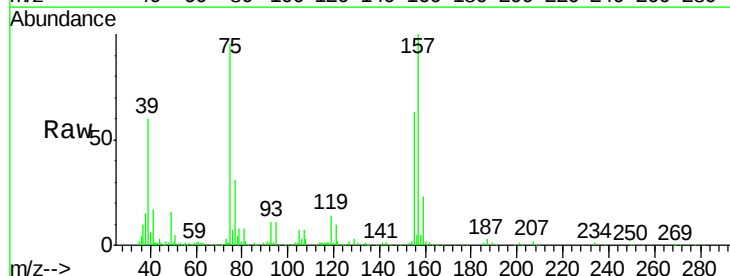
RT: 12.98 min Scan# 1951

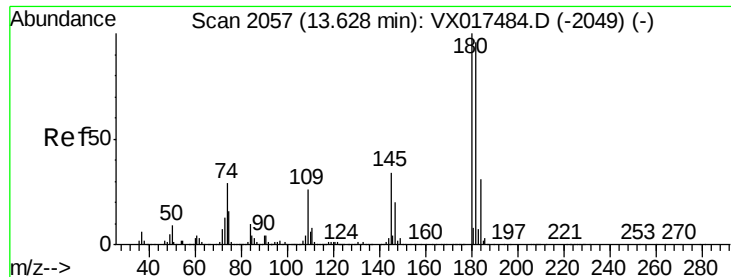
Delta R.T. 0.00 min

Lab File: VX017668.D

Acq: 29 Jul 2020 12:08

Tgt Ion:	75	Resp:	36405
Ion	Ratio	Lower	Upper
75	100		
155	84.9	42.3	126.8
157	110.7	54.3	162.9

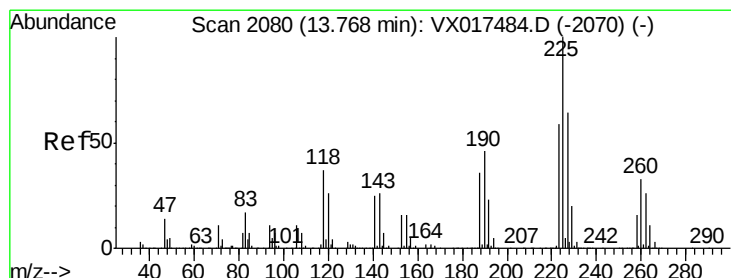
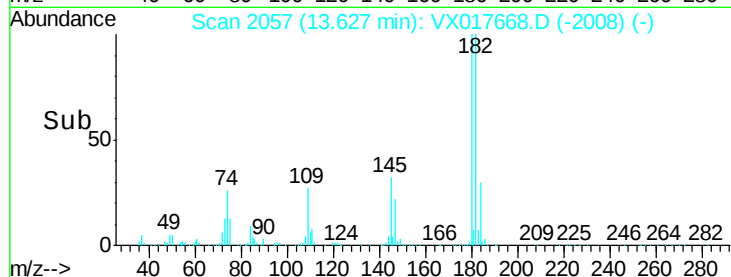
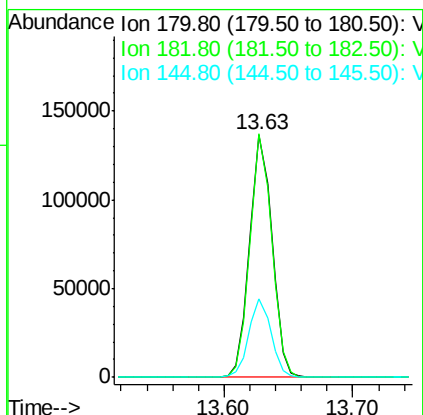
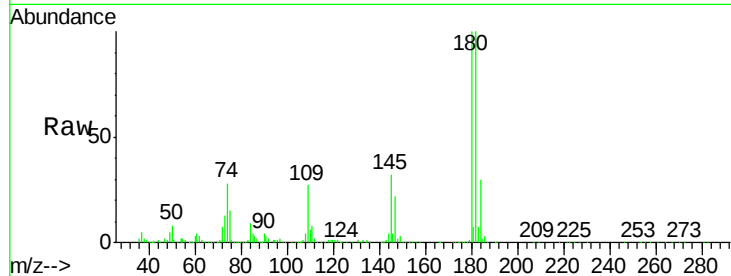




#93
 1,2,4-Trichlorobenzene
 Concen: 18.599 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017668.D
 Acq: 29 Jul 2020 12:08

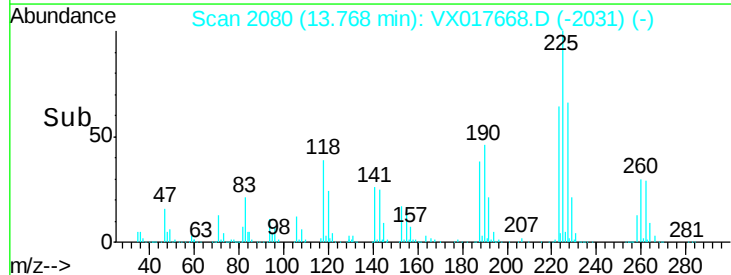
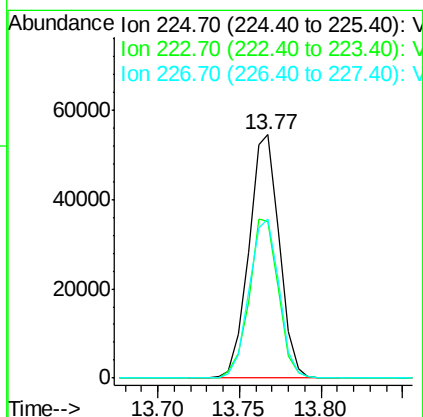
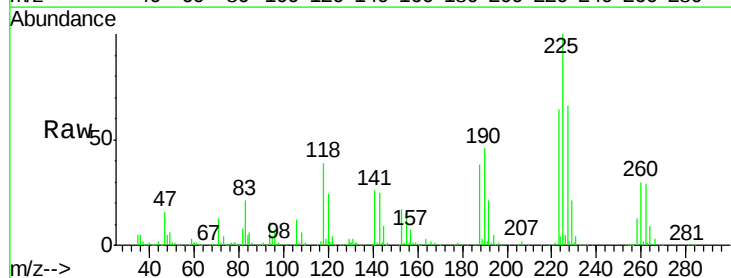
Instrument :
 MSVOA_X
 ClientSampleId :

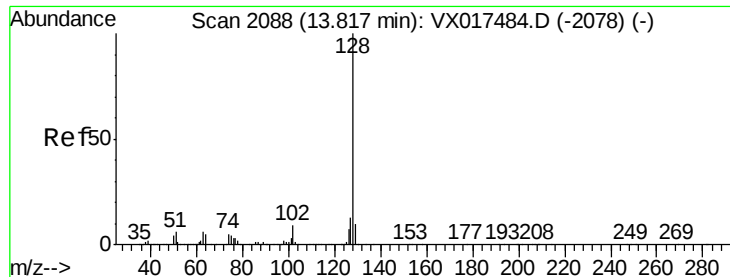
Tot Ion:180 Resp: 163140
 Ion Ratio Lower Upper
 180 100
 182 98.1 47.5 142.6
 145 32.2 15.4 46.4



#94
 Hexachlorobutadiene
 Concen: 17.463 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017668.D
 Acq: 29 Jul 2020 12:08

Tgt Ion:225 Resp: 70510
 Ion Ratio Lower Upper
 225 100
 223 63.0 30.3 90.9
 227 64.7 31.1 93.2





#95

Naphthalene

Concen: 18.731 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017668.D

Acq: 29 Jul 2020 12:08

Instrument :

MSVOA_X

ClientSampled :

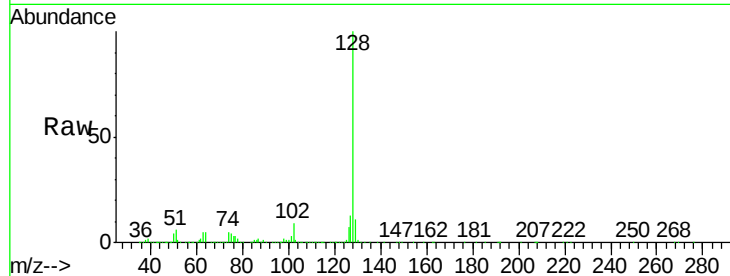
Tot Ion:128 Resp: 490474

Ion Ratio Lower Upper

128 100

127 13.6 10.4 15.6

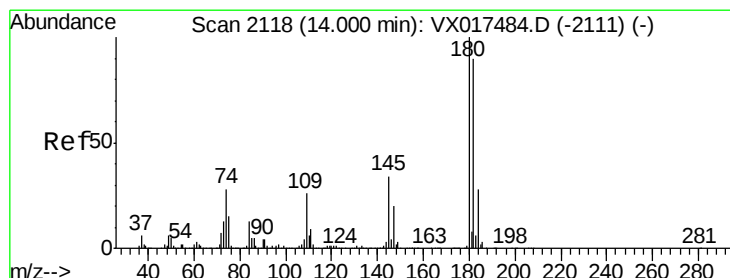
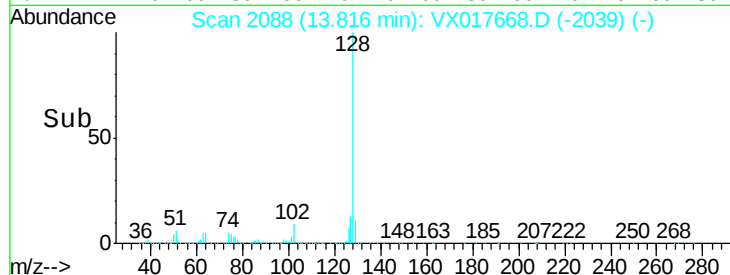
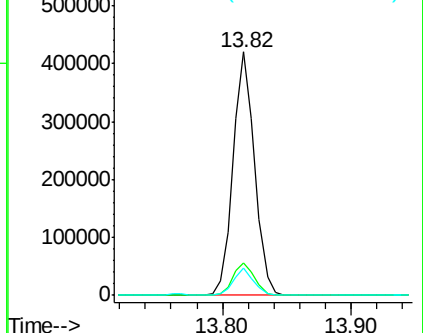
129 10.7 8.9 13.3



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: 18.054 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX017668.D

Acq: 29 Jul 2020 12:08

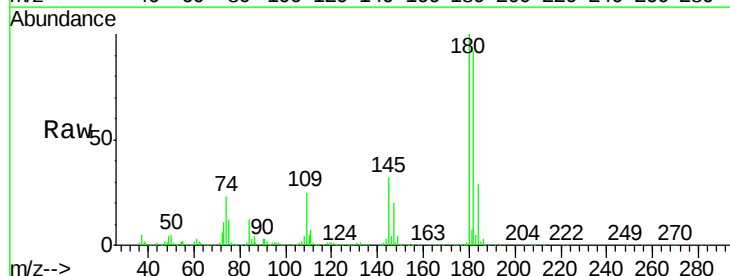
Tgt Ion:180 Resp: 156365

Ion Ratio Lower Upper

180 100

182 95.4 47.4 142.3

145 33.2 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

