

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072820\
 Data File : VX017646.D
 Acq On : 28 Jul 2020 12:20
 Operator : JC/SP
 Sample : VX0728WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 29 02:24:50 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	626448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	913165	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	854272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	458808	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	377882	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
35) Dibromofluoromethane	5.46	113	288744	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	
50) Toluene-d8	8.70	98	1052380	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
62) 4-Bromofluorobenzene	11.12	95	409219	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	108675	18.048	ug/l	100
3) Chloromethane	1.31	50	121187	15.902	ug/l	97
4) Vinyl Chloride	1.39	62	117961	14.964	ug/l	97
5) Bromomethane	1.63	94	82564	17.507	ug/l	94
6) Chloroethane	1.72	64	70030	15.585	ug/l	99
7) Trichlorofluoromethane	1.92	101	202314	16.317	ug/l	95
8) Diethyl Ether	2.17	74	63833	14.924	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	107039	15.731	ug/l	98
10) Methyl Iodide	2.49	142	125513	14.418	ug/l	98
11) Tert butyl alcohol	3.01	59	121728	71.775	ug/l	99
12) 1,1-Dichloroethene	2.36	96	99904	15.440	ug/l	93
13) Acrolein	2.27	56	117264	93.207	ug/l	96
14) Allyl chloride	2.70	41	189096	16.005	ug/l	99
15) Acrylonitrile	3.11	53	296333	80.897	ug/l	99
16) Acetone	2.42	43	254814	71.945	ug/l	97
17) Carbon Disulfide	2.55	76	300555	15.282	ug/l	99
18) Methyl Acetate	2.75	43	132532	15.889	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	358046	15.987	ug/l	96
20) Methylene Chloride	2.83	84	119160	17.017	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	113661	16.397	ug/l	95
22) Diisopropyl ether	3.82	45	370506	17.150	ug/l	91
23) Vinyl Acetate	3.78	43	1626713	84.452	ug/l	98
24) 1,1-Dichloroethane	3.67	63	213384	17.147	ug/l	98
25) 2-Butanone	4.63	43	404868	80.467	ug/l	97
26) 2,2-Dichloropropane	4.54	77	199129	17.876	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	127425	16.925	ug/l	98
28) Bromochloromethane	4.98	49	103174	18.295	ug/l	96
29) Tetrahydrofuran	5.09	42	256896	82.428	ug/l	100
30) Chloroform	5.17	83	219290	17.245	ug/l	95
31) Cyclohexane	5.54	56	173248	17.457	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	209042	17.434	ug/l	99
36) 1,1-Dichloropropene	5.77	75	164908	18.829	ug/l	99
37) Ethyl Acetate	4.79	43	162883	16.998	ug/l	98
38) Carbon Tetrachloride	5.75	117	191744	18.029	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	179559	17.563	ug/l	98
40) Benzene	6.11	78	461396	18.376	ug/l	98
41) Methacrylonitrile	5.00	41	89355	16.268	ug/l	97
42) 1,2-Dichloroethane	6.16	62	187738	18.276	ug/l	98
43) Isopropyl Acetate	6.41	43	270785	17.127	ug/l	100
44) Trichloroethene	7.18	130	135237	18.430	ug/l	86
45) 1,2-Dichloropropane	7.49	63	118006	16.953	ug/l	97
46) Dibromomethane	7.63	93	83457	16.966	ug/l	97
47) Bromodichloromethane	7.87	83	178974	18.082	ug/l	98
48) Methyl methacrylate	7.74	41	129094	16.472	ug/l	95
49) 1,4-Dioxane	7.71	88	49542	329.709	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	831173	88.106	ug/l	98
52) Toluene	8.76	92	294068	18.262	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	198544	17.919	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	202925	17.956	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	121845	18.164	ug/l	98
56) Ethyl methacrylate	9.16	69	173788	17.196	ug/l	99
57) 1,3-Dichloropropane	9.35	76	201748	18.265	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	451725	84.840	ug/l	99
59) 2-Hexanone	9.47	43	615670	86.683	ug/l	100
60) Dibromochloromethane	9.57	129	148362	17.401	ug/l	97
61) 1,2-Dibromoethane	9.65	107	132410	18.540	ug/l	100
64) Tetrachloroethene	9.32	164	142556	18.593	ug/l	96
65) Chlorobenzene	10.12	112	330015	17.847	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	128570	17.228	ug/l	96
67) Ethyl Benzene	10.23	91	563502	18.256	ug/l	96
68) m/p-Xylenes	10.34	106	429894	35.952	ug/l	96
69) o-Xylene	10.68	106	202923	17.645	ug/l	99
70) Styrene	10.70	104	354759	18.130	ug/l	98
71) Bromoform	10.84	173	110352	17.068	ug/l #	97
73) Isopropylbenzene	11.00	105	566948	18.013	ug/l	98
74) N-amyl acetate	10.88	43	235400	16.833	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	165541	16.850	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	211718	22.433	ug/l	83
77) Bromobenzene	11.24	156	154784	17.566	ug/l	99
78) n-propylbenzene	11.34	91	637964	17.971	ug/l	100
79) 2-Chlorotoluene	11.40	91	391158	17.788	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	486682	18.110	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	61180	16.334	ug/l	94
82) 4-Chlorotoluene	11.49	91	464935	17.924	ug/l	99
83) tert-Butylbenzene	11.76	119	458268	17.821	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	492051	18.409	ug/l	99
85) sec-Butylbenzene	11.93	105	557772	18.620	ug/l	99
86) p-Isopropyltoluene	12.05	119	528501	18.527	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	276928	18.301	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	280329	17.886	ug/l	100
89) n-Butylbenzene	12.37	91	445629	17.531	ug/l	99
90) Hexachloroethane	12.58	117	96434	17.147	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	260821	17.538	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	41399	16.709	ug/l	97

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QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration

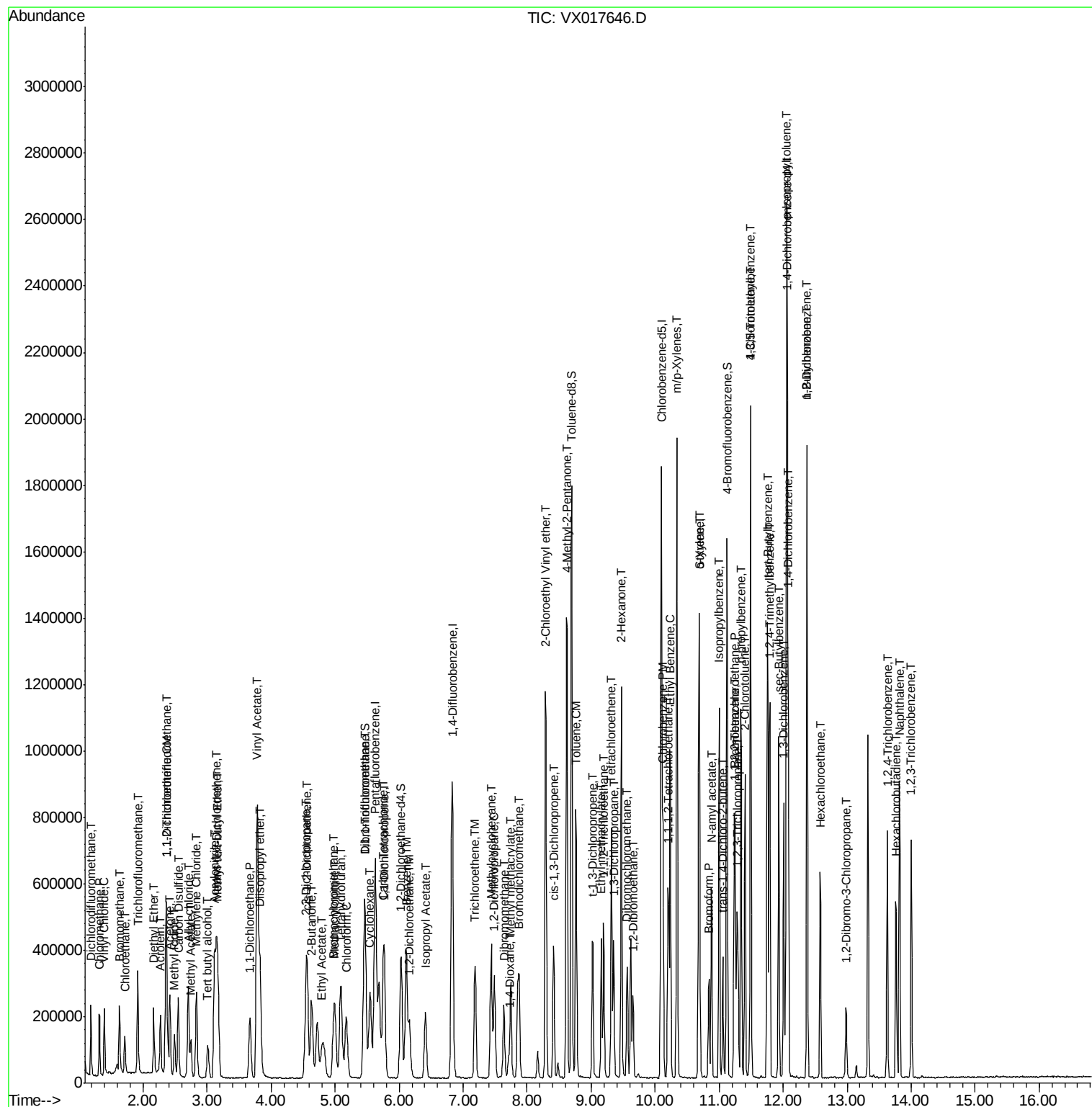
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	180944	17.827	ug/l	100
94) Hexachlorobutadiene	13.77	225	78706	16.846	ug/l	98
95) Naphthalene	13.82	128	532089	17.561	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	182322	18.193	ug/l	99

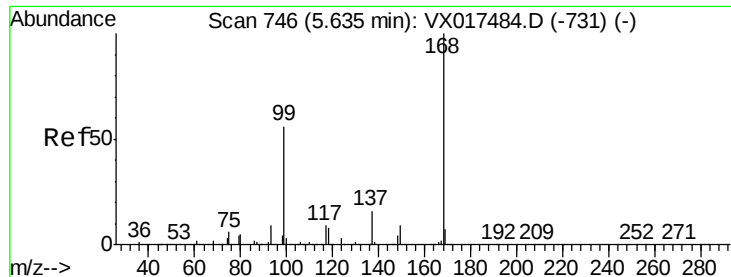
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 MSVOA_X
 ClientSampled :

Quant Time: Jul 29 02:24:50 2020
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 Quant Title : SW846 8260
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 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: VX017646.D

Acq: 28 Jul 2020 12:20

Instrument :

MSVOA_X

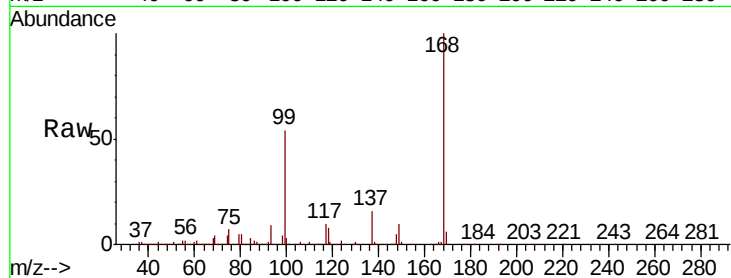
ClientSampleId :

Tot Ion:168 Resp: 626448

Ion Ratio Lower Upper

168 100

99 53.8 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

250000

200000

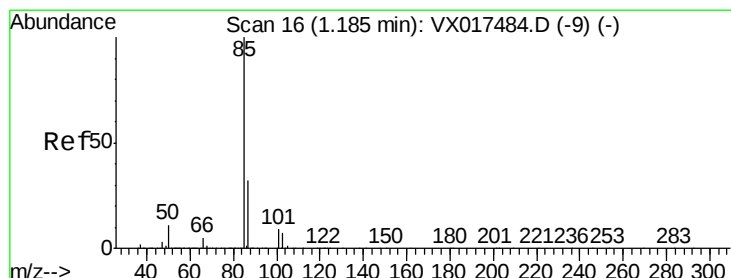
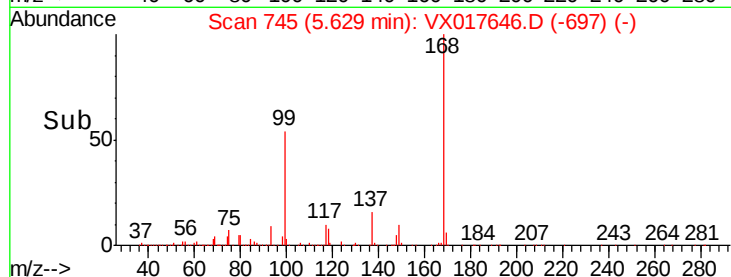
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.048 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017646.D

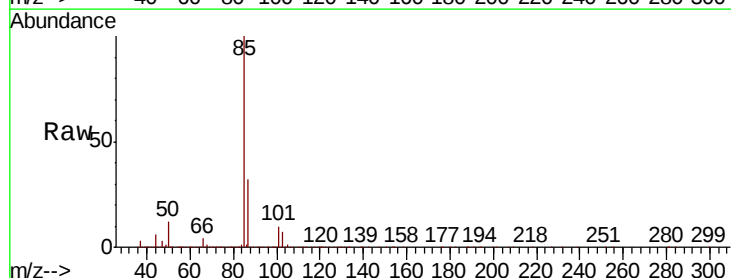
Acq: 28 Jul 2020 12:20

Tgt Ion: 85 Resp: 108675

Ion Ratio Lower Upper

85 100

87 32.2 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

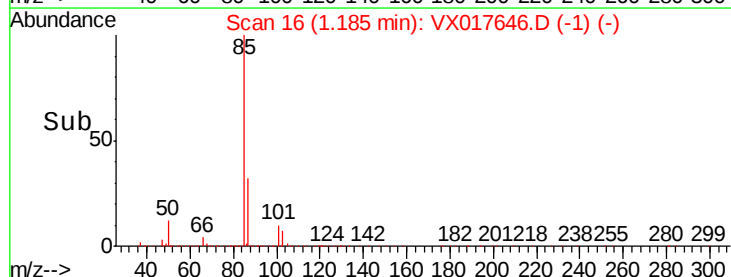
1.18

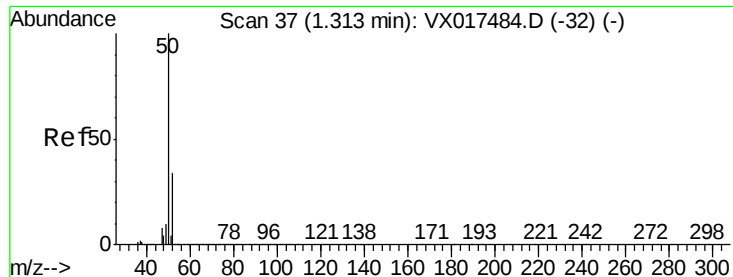
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50000

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Time-->

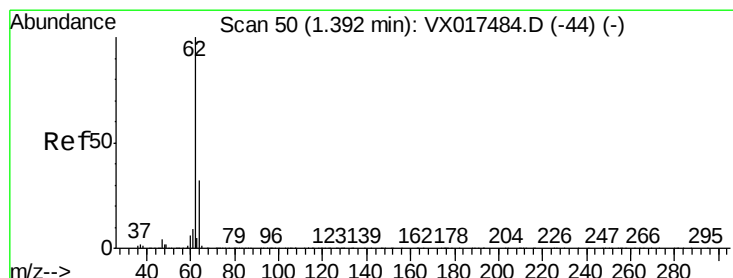
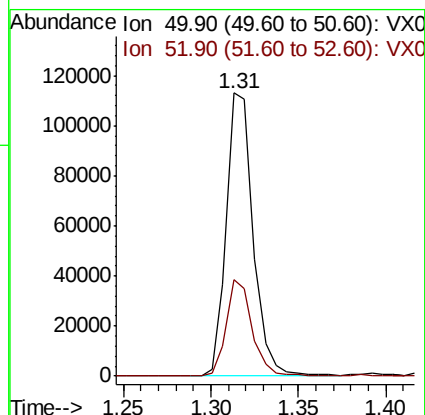
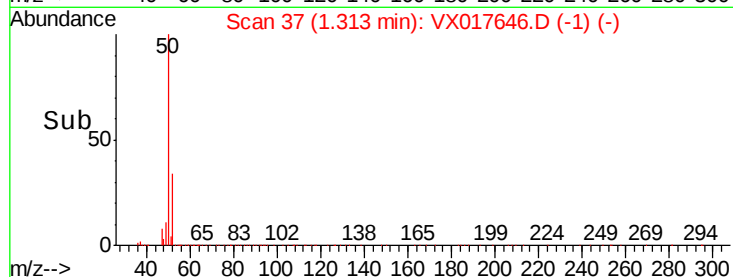
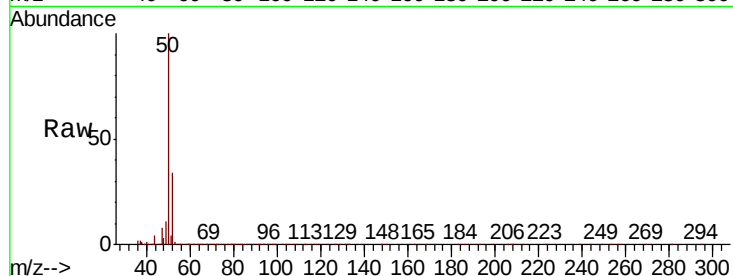




#3
Chloromethane
Concen: 15.902 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX017646.D
Acq: 28 Jul 2020 12:20

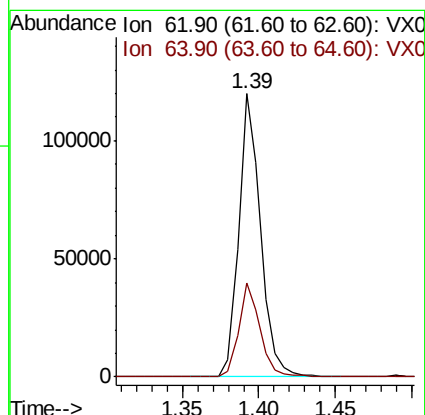
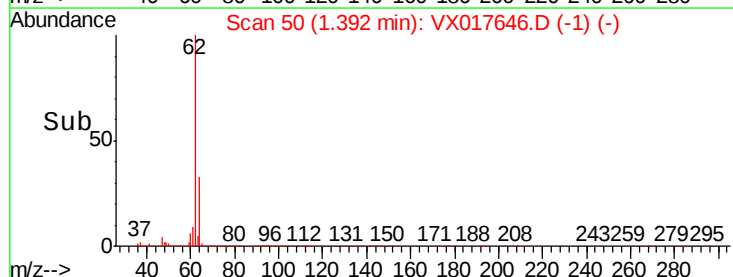
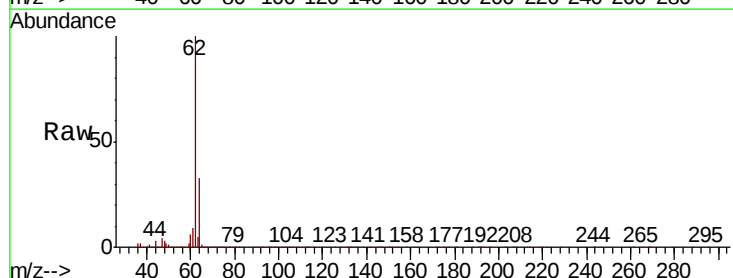
Instrument :
MSVOA_X
ClientSampleId :

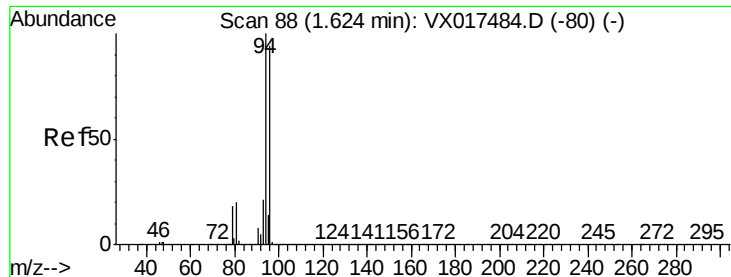
Tot Ion: 50 Resp: 121187
Ion Ratio Lower Upper
50 100
52 33.9 25.9 38.9



#4
Vinyl Chloride
Concen: 14.964 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX017646.D
Acq: 28 Jul 2020 12:20

Tgt Ion: 62 Resp: 117961
Ion Ratio Lower Upper
62 100
64 33.0 25.2 37.8





#5

Bromomethane

Concen: 17.507 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

Instrument :

MSVOA_X

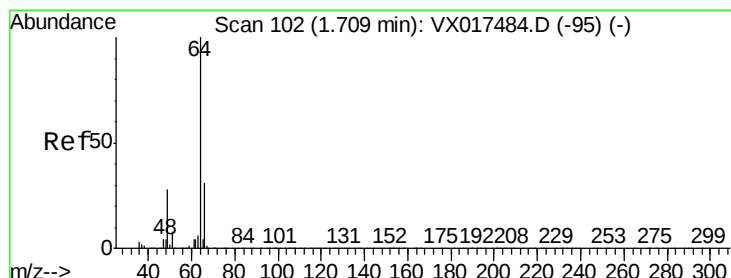
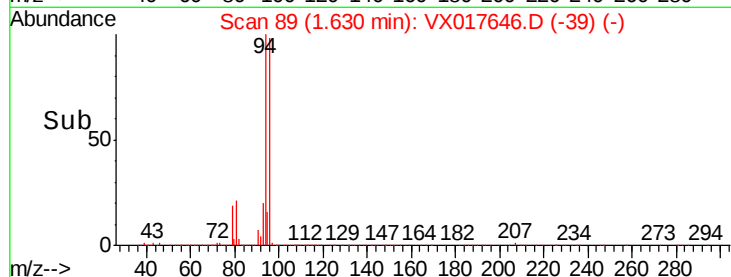
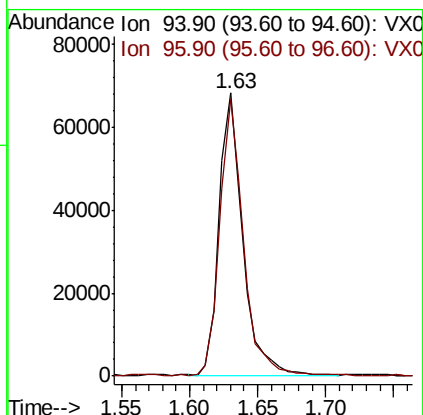
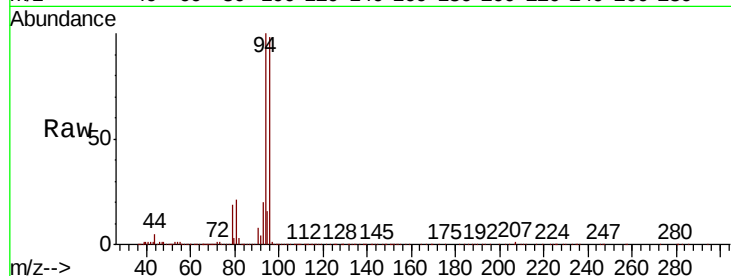
ClientSampleId :

Tot Ion: 94 Resp: 82564

Ion Ratio Lower Upper

94 100

96 98.0 74.1 111.1



#6

Chloroethane

Concen: 15.585 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017646.D

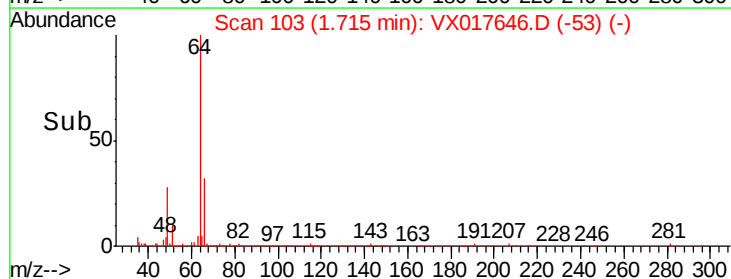
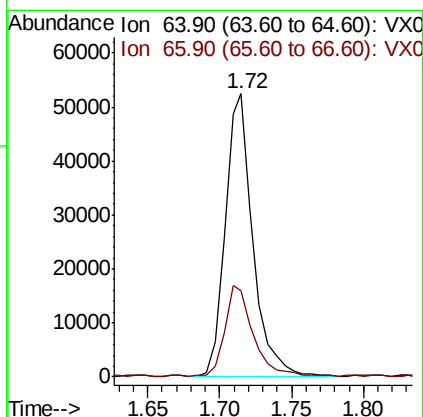
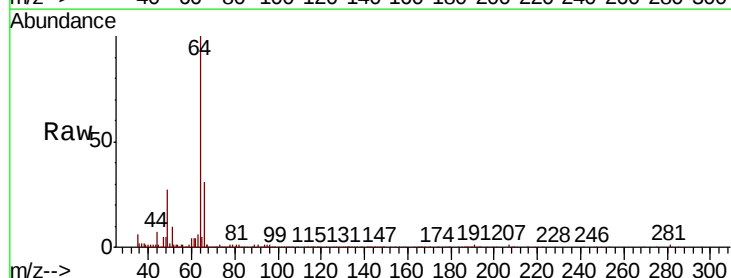
Acq: 28 Jul 2020 12:20

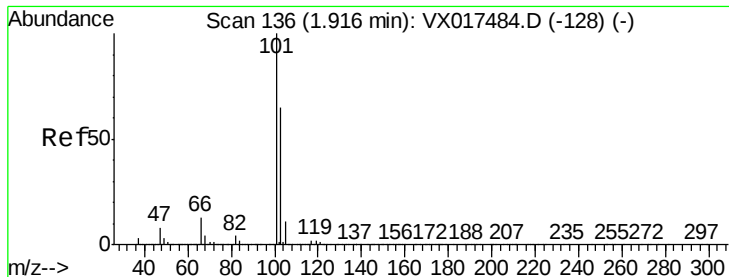
Tgt Ion: 64 Resp: 70030

Ion Ratio Lower Upper

64 100

66 30.3 24.9 37.3



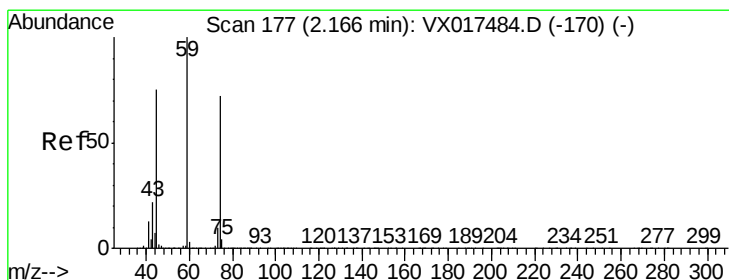
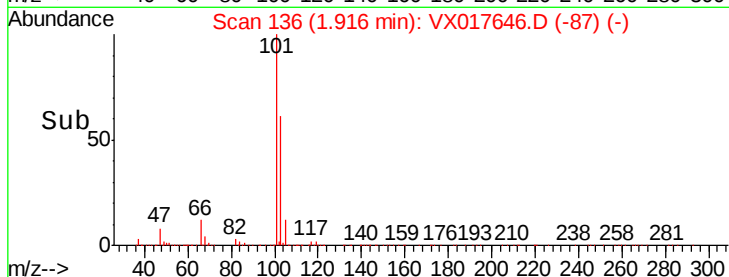
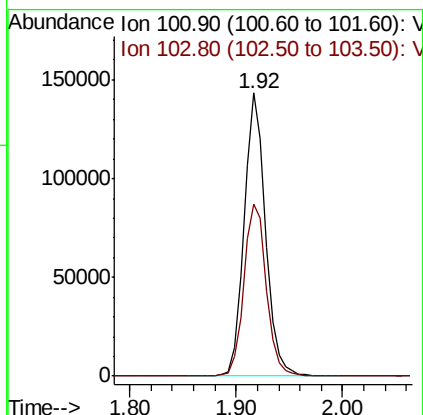
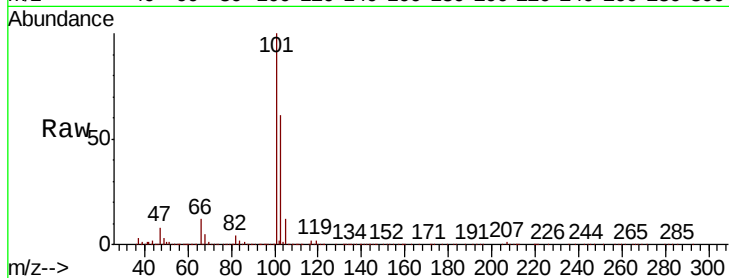


#7

Trichlorofluoromethane
Concen: 16.317 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017646.D
Acq: 28 Jul 2020 12:20

Instrument :
MSVOA_X
ClientSampleId :

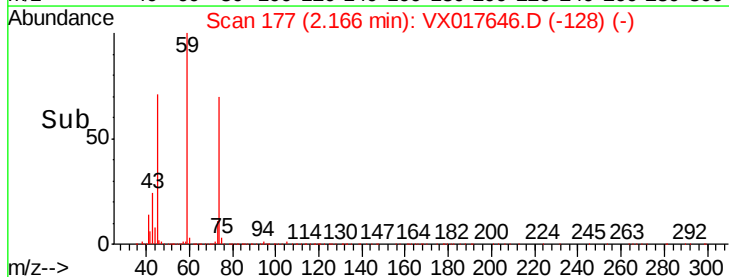
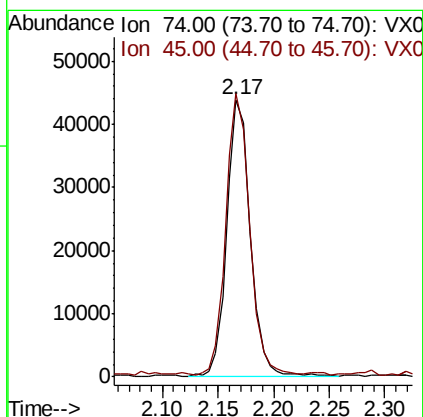
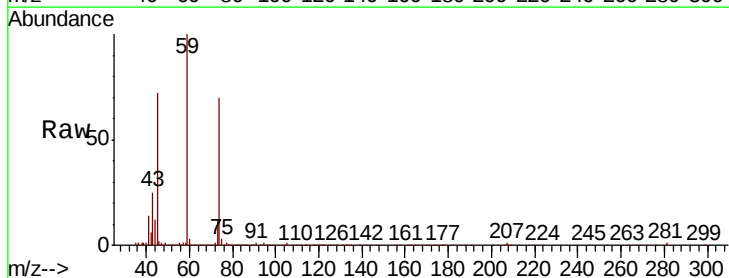
Tot Ion:101 Resp: 202314
Ion Ratio Lower Upper
101 100
103 60.9 51.8 77.8

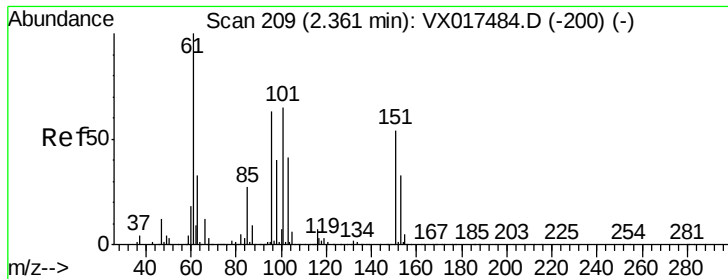


#8

Diethyl Ether
Concen: 14.924 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017646.D
Acq: 28 Jul 2020 12:20

Tgt Ion: 74 Resp: 63833
Ion Ratio Lower Upper
74 100
45 102.8 50.8 152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.731 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

Instrument :

MSVOA_X

ClientSampleId :

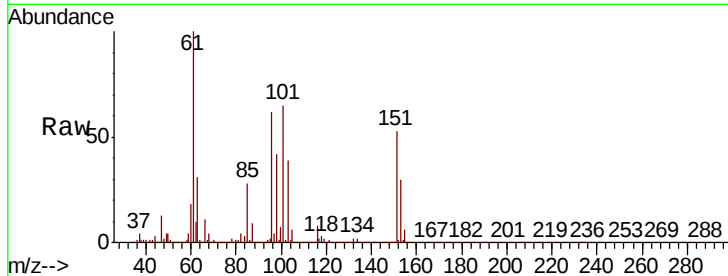
Tot Ion:101 Resp: 107039

Ion Ratio Lower Upper

101 100

85 45.2 34.8 52.2

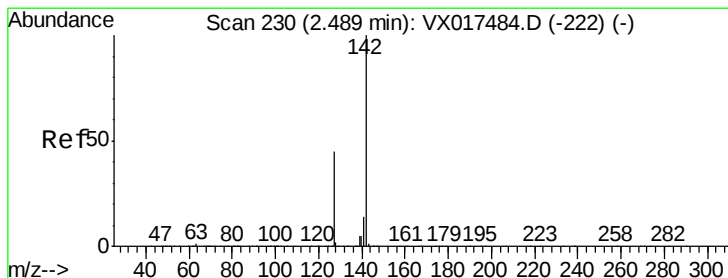
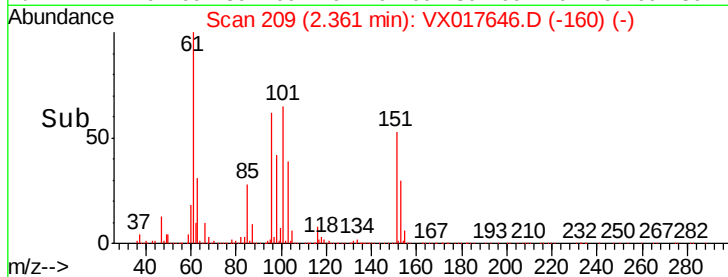
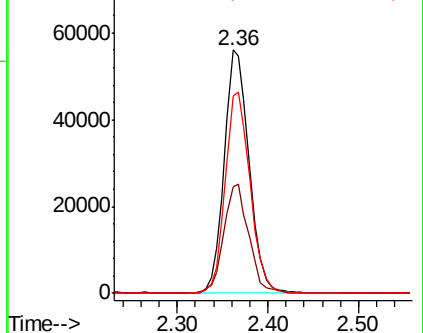
151 83.1 68.0 102.0



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: 14.418 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

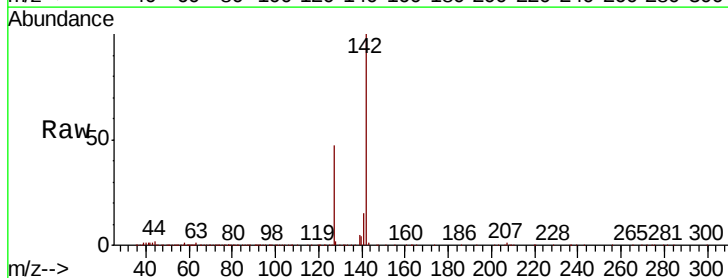
Tgt Ion:142 Resp: 125513

Ion Ratio Lower Upper

142 100

127 46.3 35.9 53.9

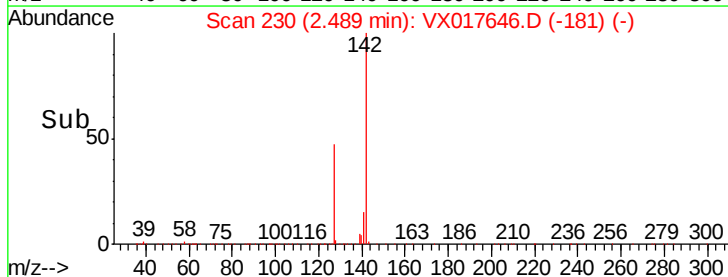
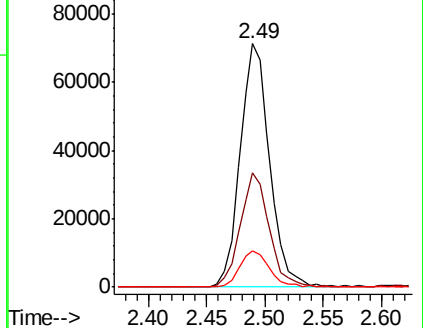
141 15.2 11.4 17.0

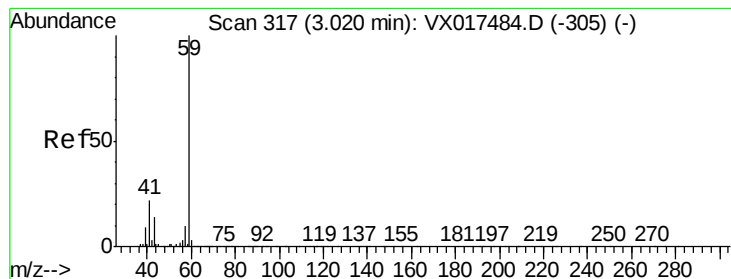


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



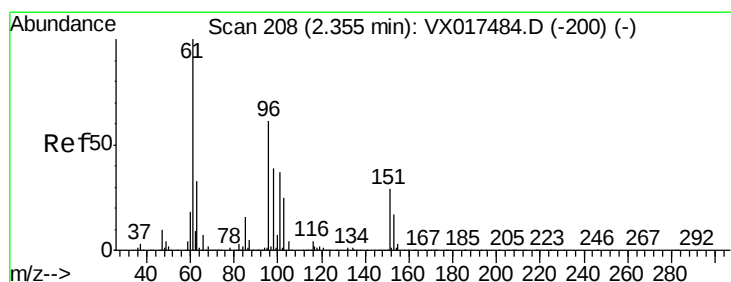
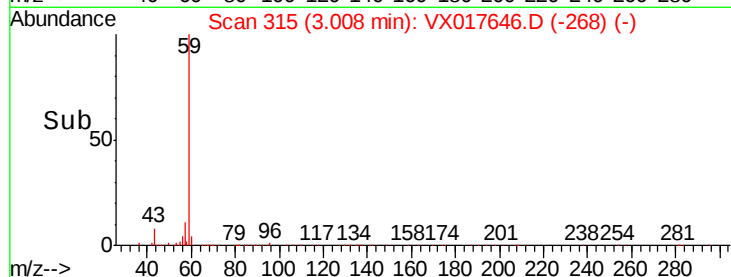
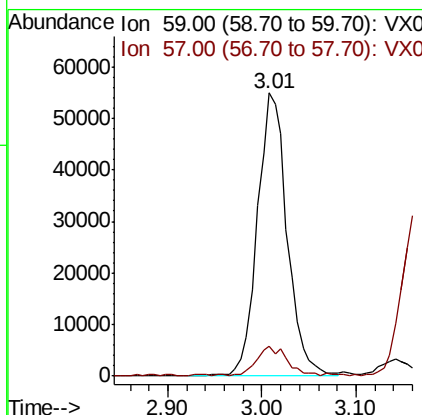
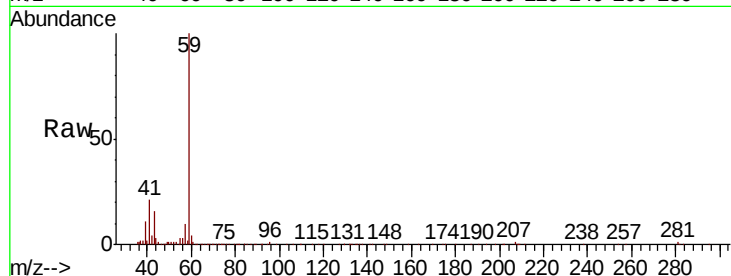


#11

Tert butyl alcohol
Concen: 71.775 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017646.D
Acq: 28 Jul 2020 12:20

Instrument :
MSVOA_X
ClientSampleId :

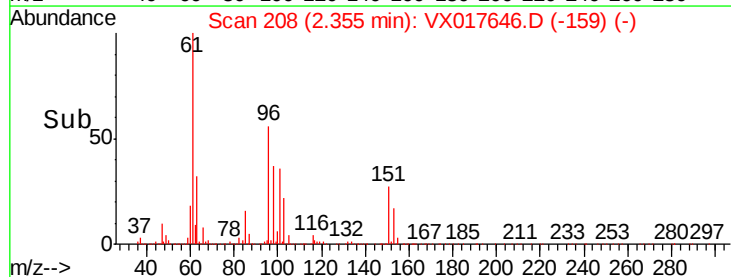
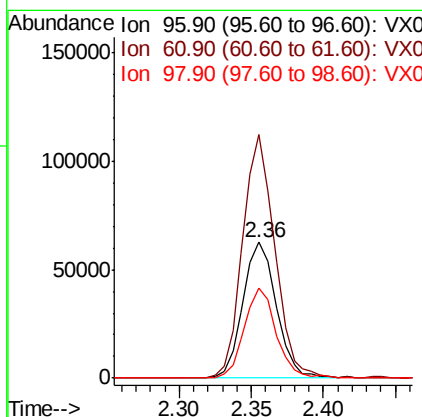
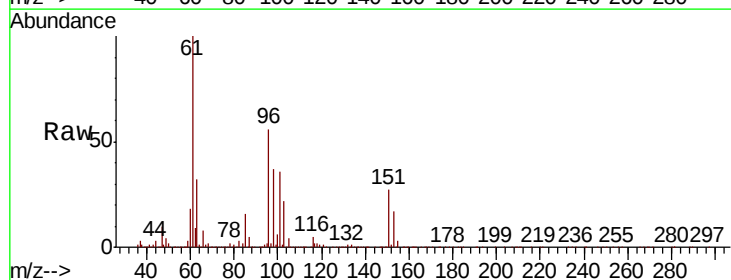
Tot Ion: 59 Resp: 121728
Ion Ratio Lower Upper
59 100
57 10.2 8.6 12.8

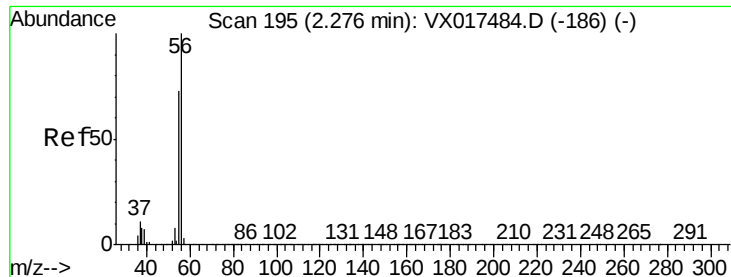


#12

1,1-Dichloroethene
Concen: 15.440 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017646.D
Acq: 28 Jul 2020 12:20

Tgt Ion: 96 Resp: 99904
Ion Ratio Lower Upper
96 100
61 179.4 134.0 201.0
98 66.5 51.0 76.4





#13

Acrolein

Concen: 93.207 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

Instrument :

MSVOA_X

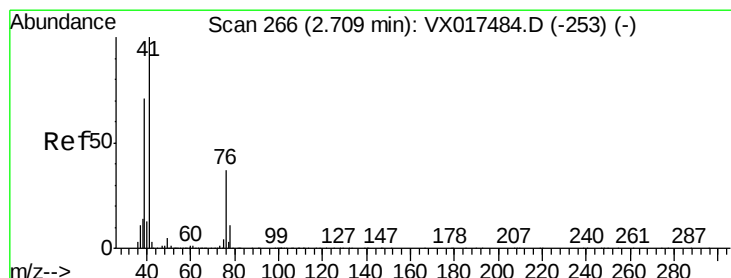
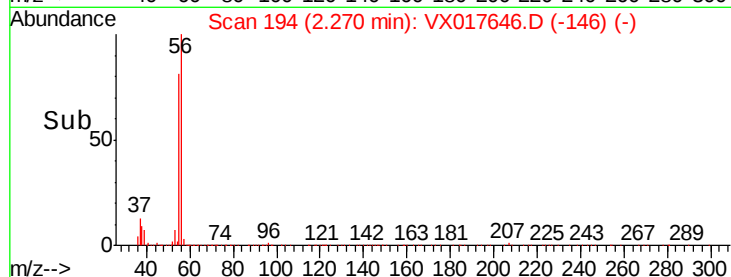
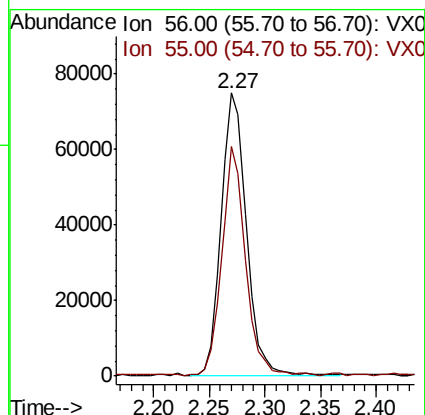
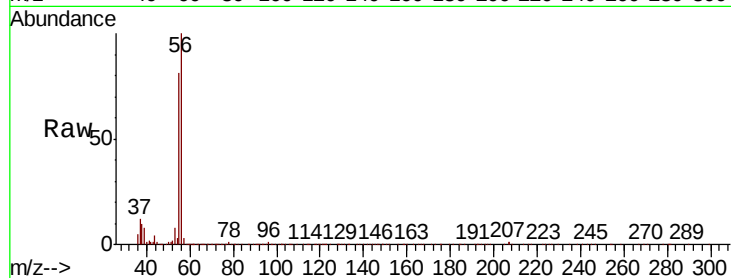
ClientSampleId :

Tot Ion: 56 Resp: 117264

Ion Ratio Lower Upper

56 100

55 75.4 57.4 86.2



#14

Allyl chloride

Concen: 16.005 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

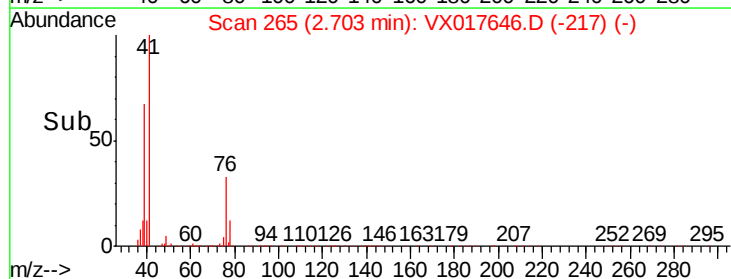
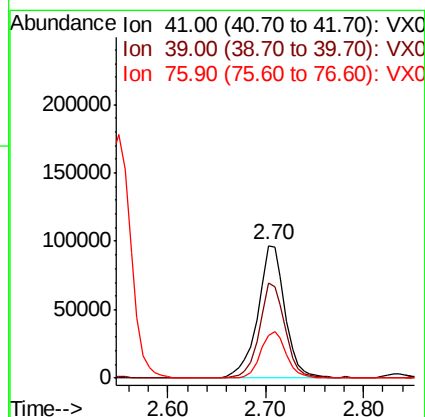
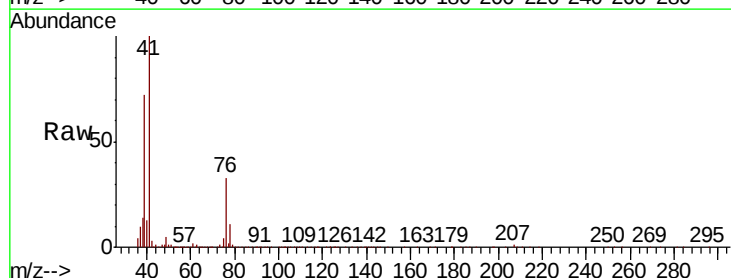
Tgt Ion: 41 Resp: 189096

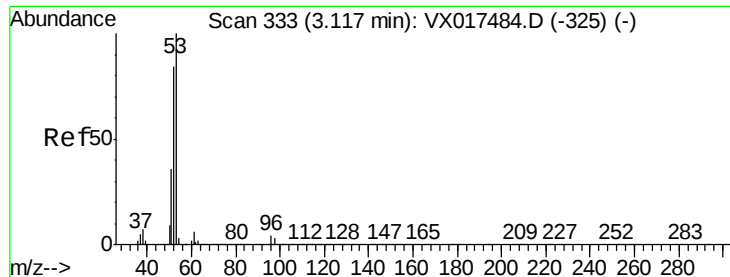
Ion Ratio Lower Upper

41 100

39 65.8 51.9 77.9

76 32.2 25.5 38.3





#15

Acrylonitrile

Concen: 80.897 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

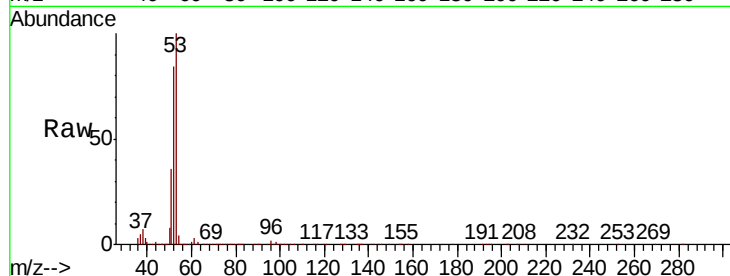
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 296333

Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.6	99.8
51	36.8	29.4	44.2

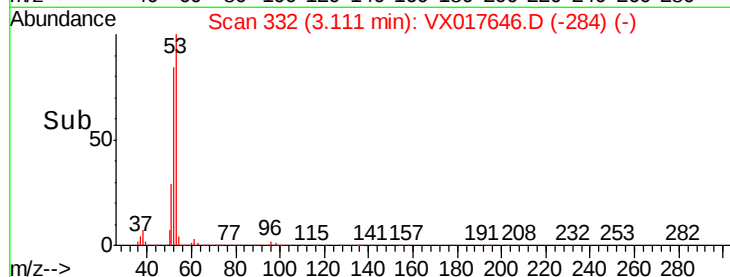


Abundance

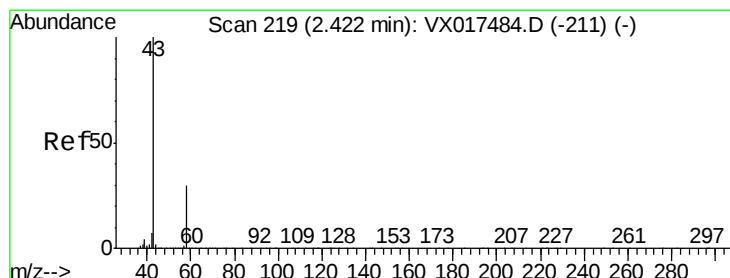
Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->



#16

Acetone

Concen: 71.945 ug/l

RT: 2.42 min Scan# 218

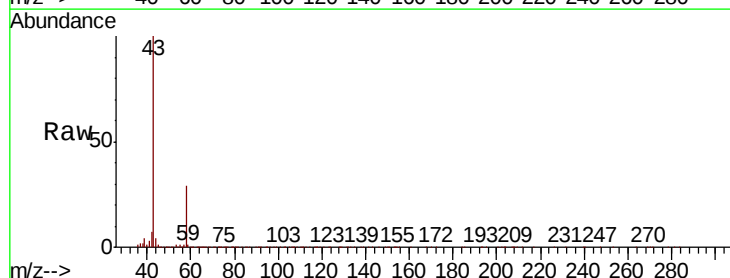
Delta R.T. -0.01 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

Tgt Ion: 43 Resp: 254814

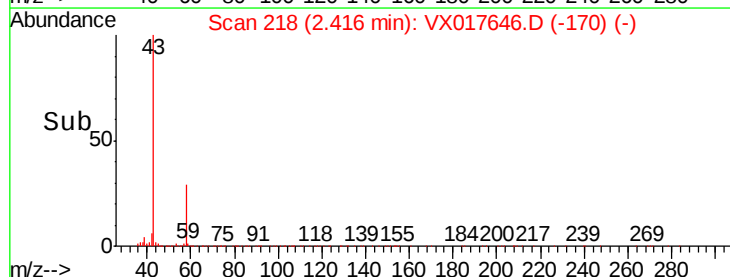
Ion	Ratio	Lower	Upper
43	100		
58	28.5	24.2	36.4



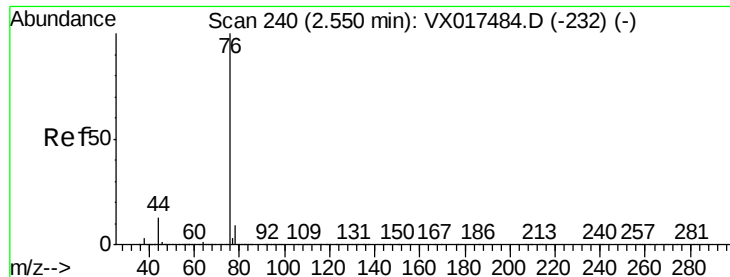
Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#17

Carbon Disulfide

Concen: 15.282 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

Instrument :

MSVOA_X

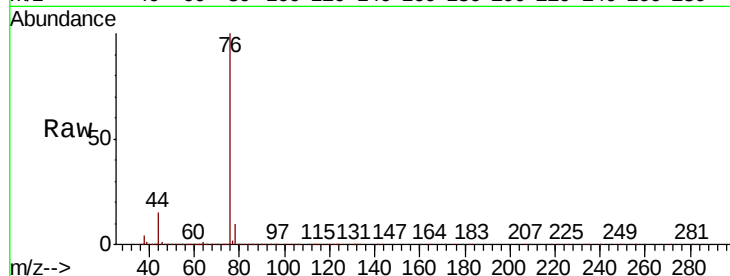
ClientSampleId :

Tot Ion: 76 Resp: 300555

Ion Ratio Lower Upper

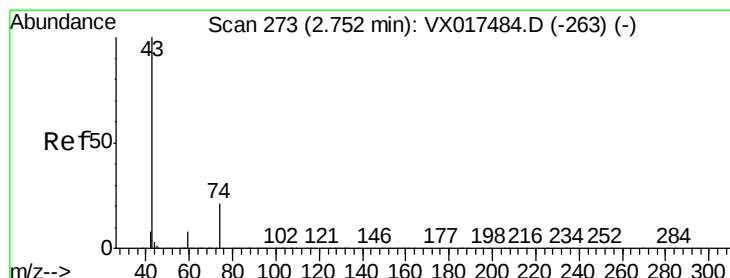
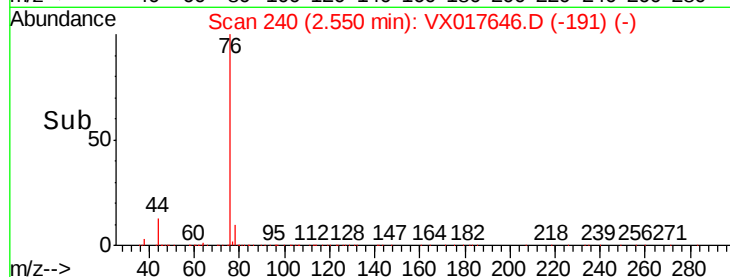
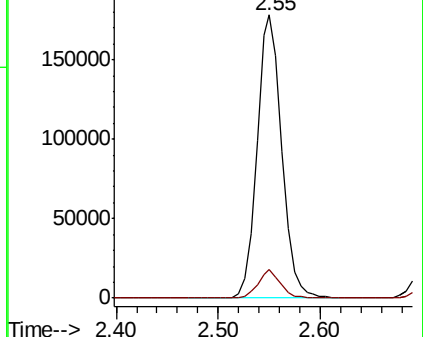
76 100

78 9.8 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 15.889 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX017646.D

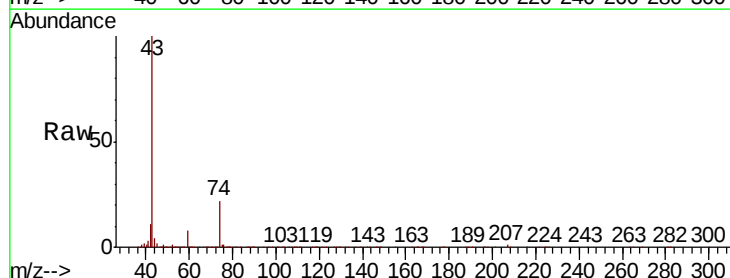
Acq: 28 Jul 2020 12:20

Tgt Ion: 43 Resp: 132532

Ion Ratio Lower Upper

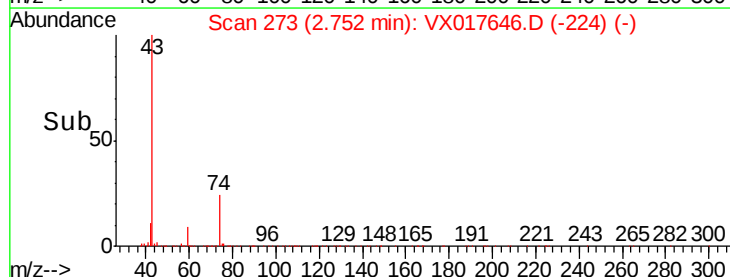
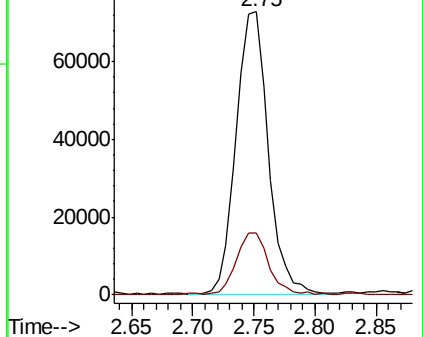
43 100

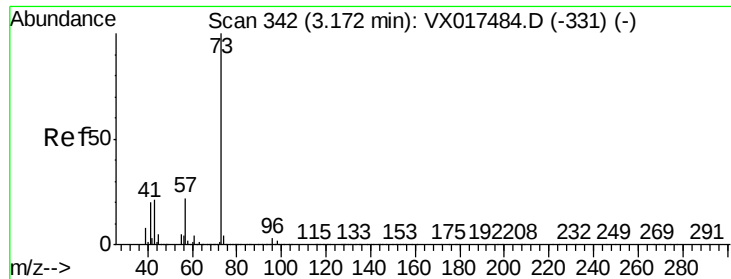
74 22.2 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

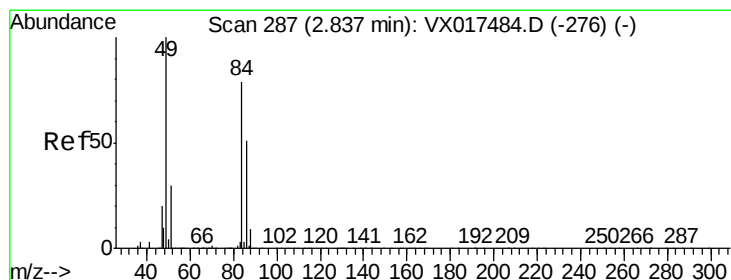
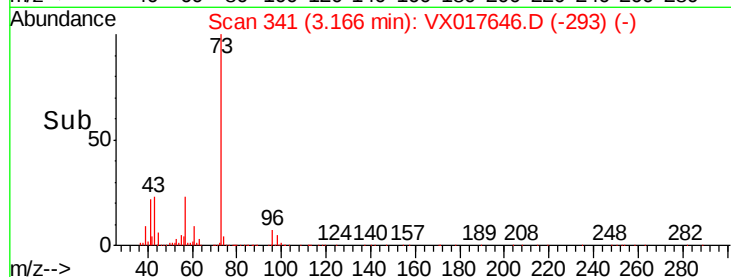
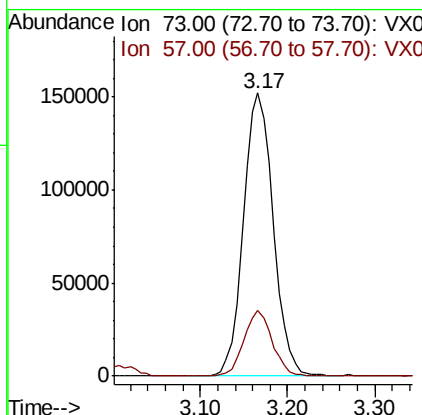
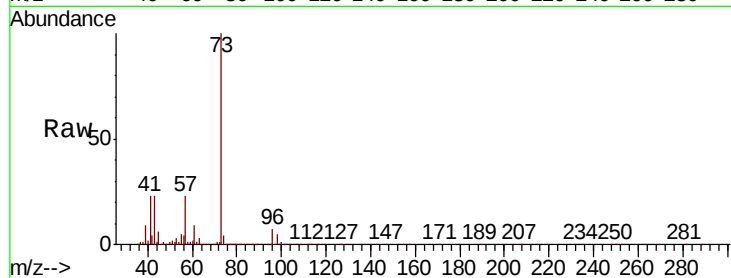




#19
Methyl tert-butyl Ether
Concen: 15.987 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017646.D
Acq: 28 Jul 2020 12:20

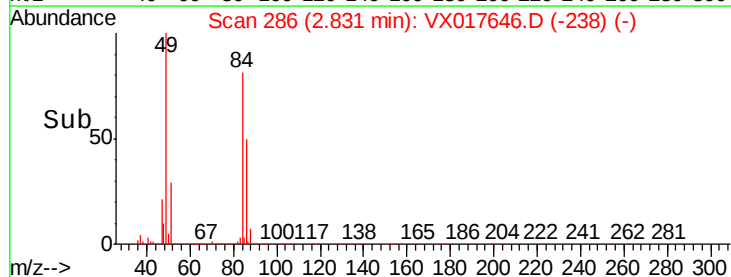
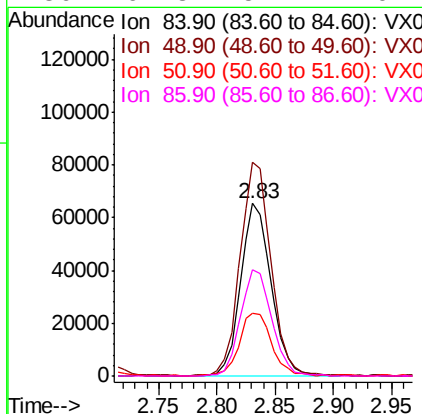
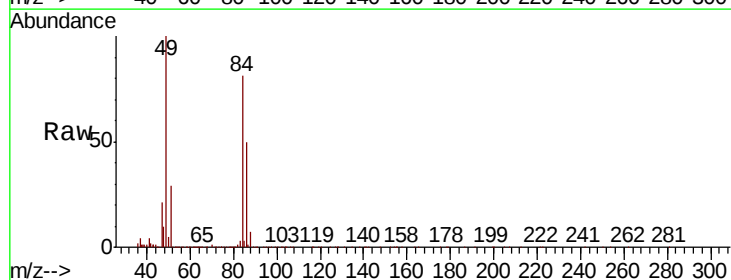
Instrument :
MSVOA_X
ClientSampleId :

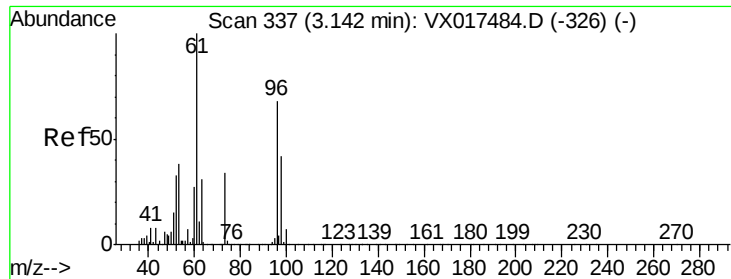
Tot Ion: 73 Resp: 358046
Ion Ratio Lower Upper
73 100
57 23.0 17.0 25.4



#20
Methylene Chloride
Concen: 17.017 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017646.D
Acq: 28 Jul 2020 12:20

Tgt Ion: 84 Resp: 119160
Ion Ratio Lower Upper
84 100
49 123.9 100.3 150.5
51 36.4 30.5 45.7
86 61.3 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 16.397 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

Instrument :

MSVOA_X

ClientSampled :

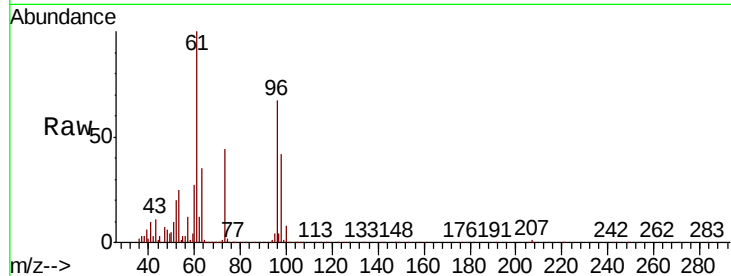
Tot Ion: 96 Resp: 113661

Ion Ratio Lower Upper

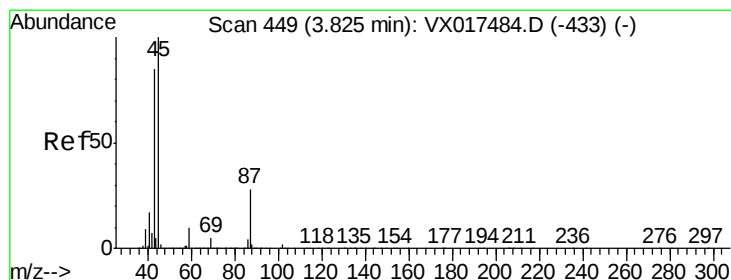
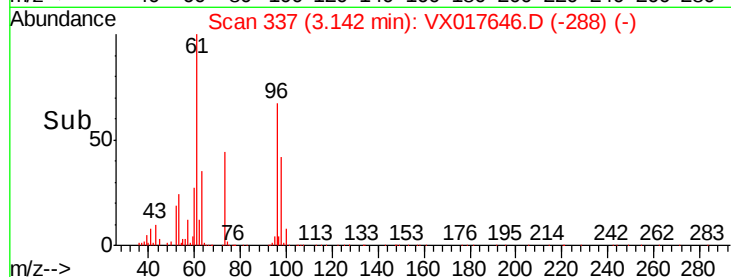
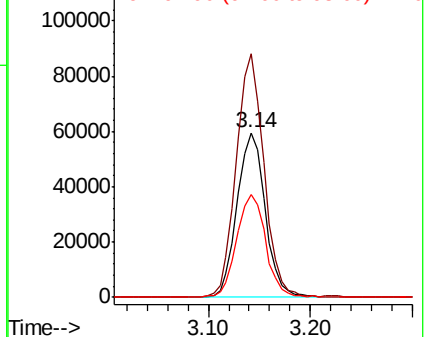
96 100

61 147.9 113.0 169.4

98 62.5 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: 17.150 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

Tgt Ion: 45 Resp: 370506

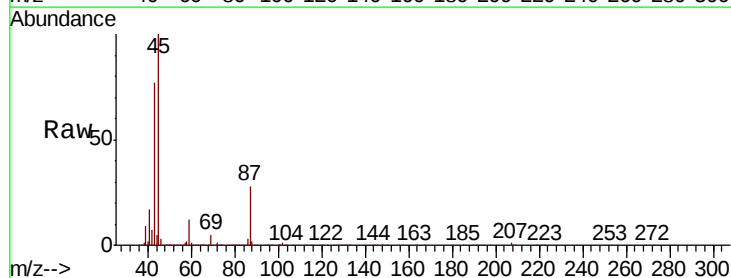
Ion Ratio Lower Upper

45 100

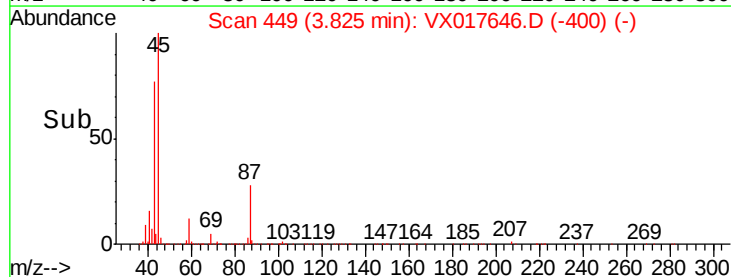
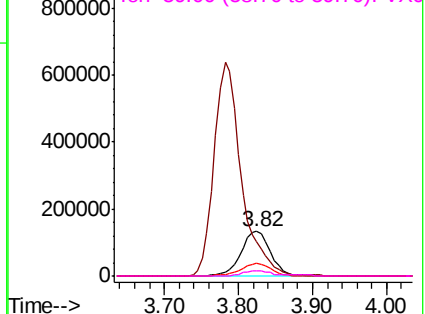
43 76.3 52.0 78.0

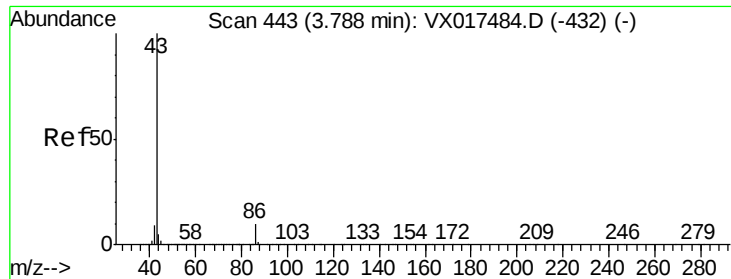
87 28.0 22.2 33.4

59 11.8 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: 84.452 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

Instrument :

MSVOA_X

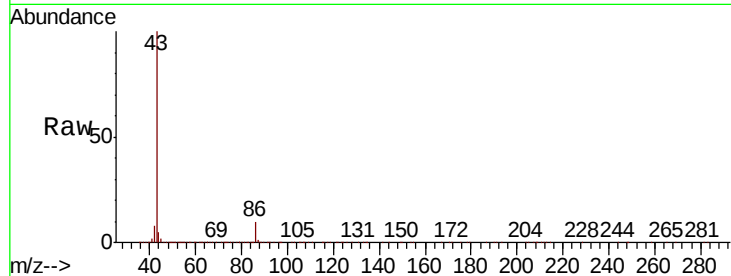
ClientSampled :

Tot Ion: 43 Resp: 1626713

Ion Ratio Lower Upper

43 100

86 9.7 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

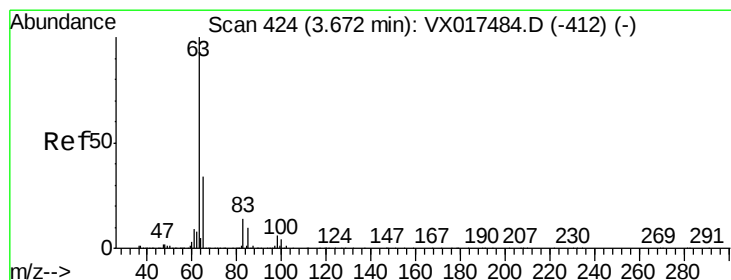
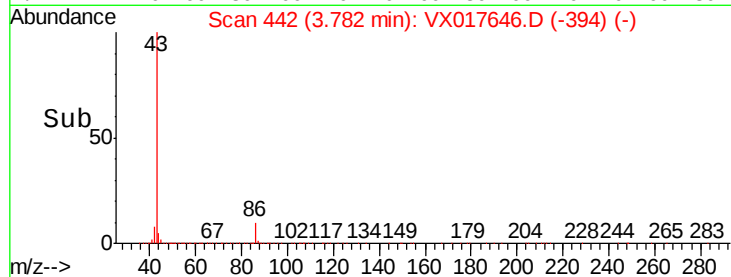
600000

400000

200000

0

Time--> 3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 17.147 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

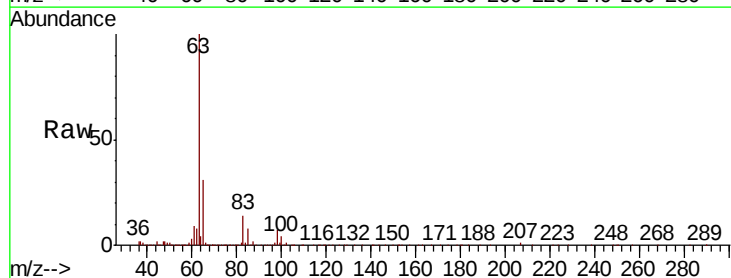
Tgt Ion: 63 Resp: 213384

Ion Ratio Lower Upper

63 100

98 7.5 3.4 10.1

100 4.4 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

120000

100000

80000

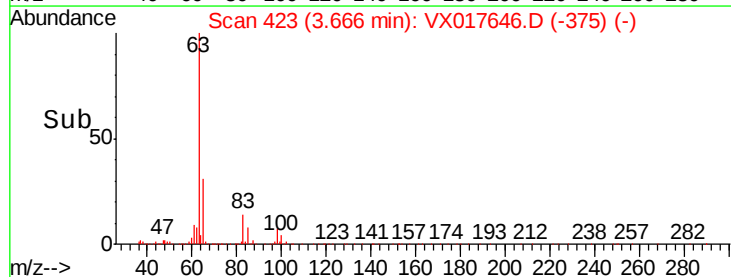
60000

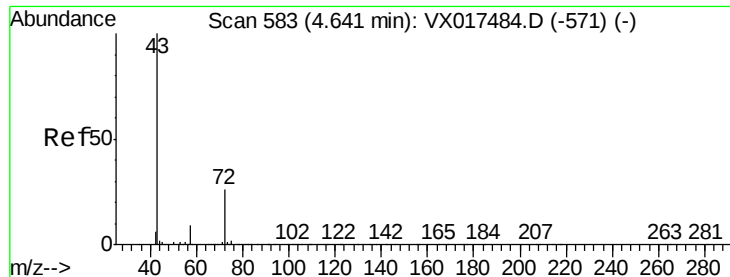
40000

20000

0

Time--> 3.50 3.60 3.70 3.80

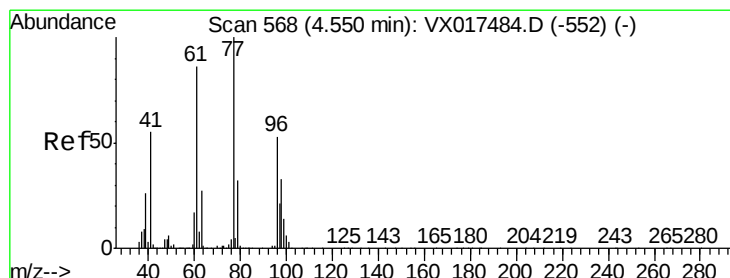
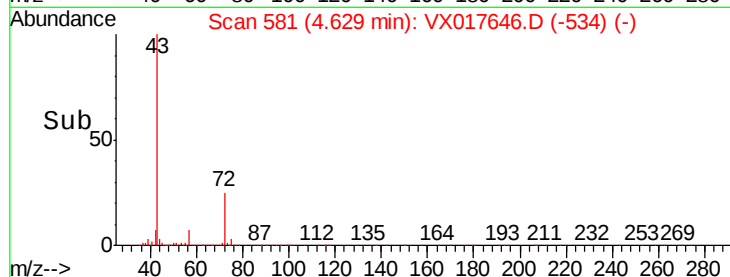
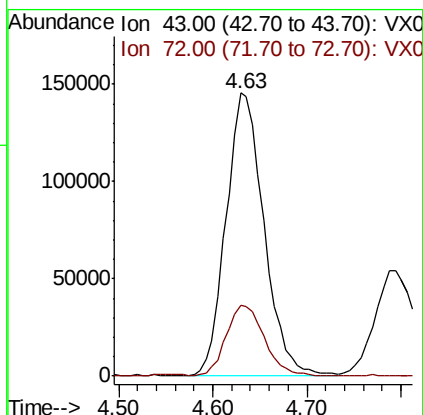
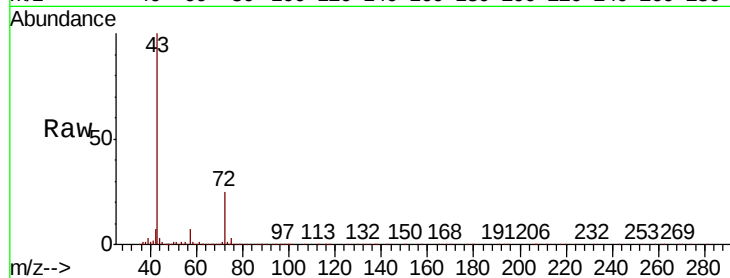




#25
2-Butanone
Concen: 80.467 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX017646.D
Acq: 28 Jul 2020 12:20

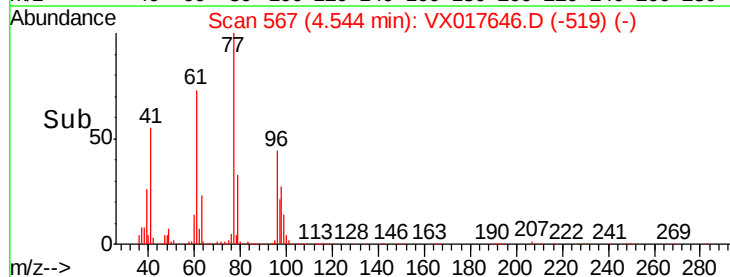
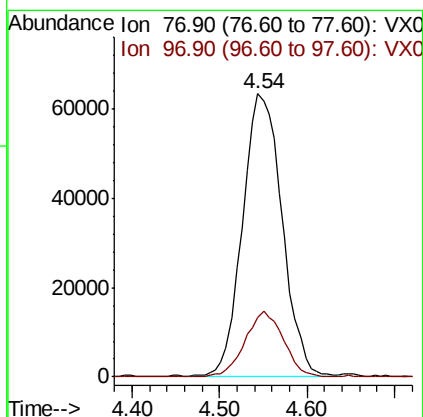
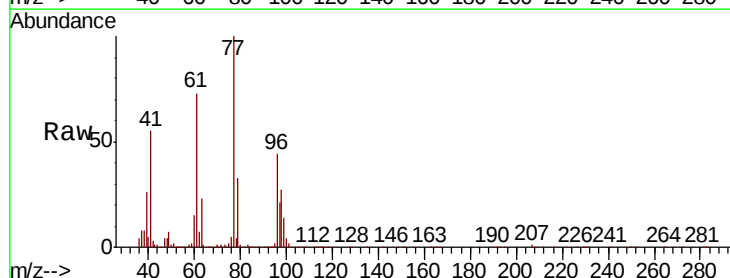
Instrument :
MSVOA_X
ClientSampleId :

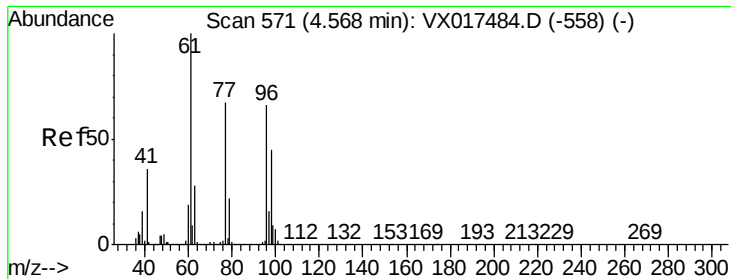
Tot Ion: 43 Resp: 404868
Ion Ratio Lower Upper
43 100
72 25.0 19.0 28.4



#26
2,2-Dichloropropane
Concen: 17.876 ug/l
RT: 4.54 min Scan# 567
Delta R.T. -0.01 min
Lab File: VX017646.D
Acq: 28 Jul 2020 12:20

Tgt Ion: 77 Resp: 199129
Ion Ratio Lower Upper
77 100
97 22.7 10.9 32.9



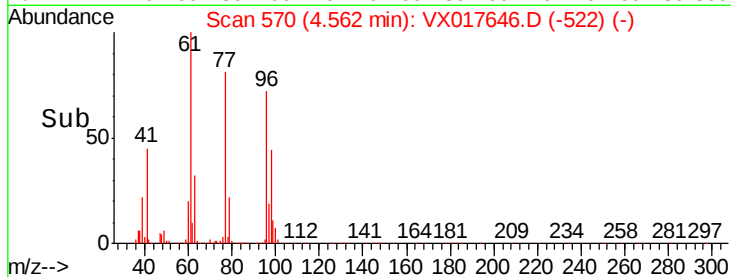
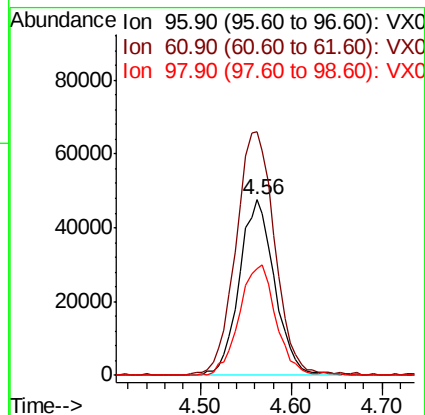
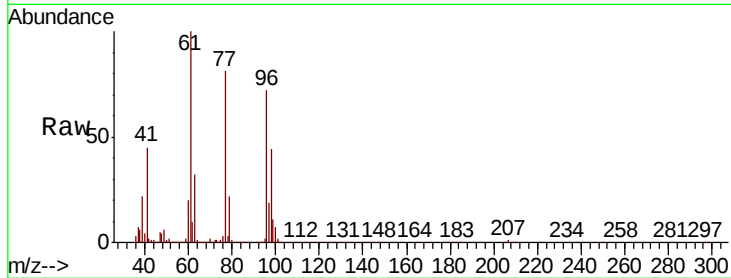


#27

cis-1,2-Dichloroethene
Concen: 16.925 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017646.D
Acq: 28 Jul 2020 12:20

Instrument :
MSVOA_X
ClientSampleId :

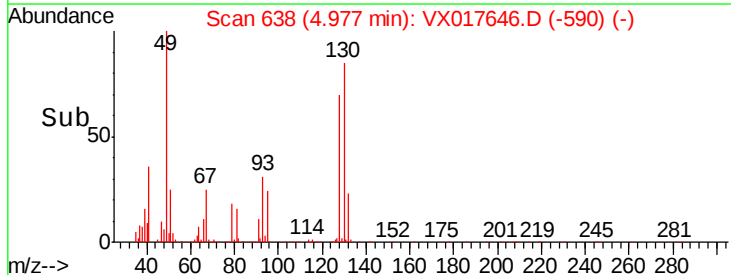
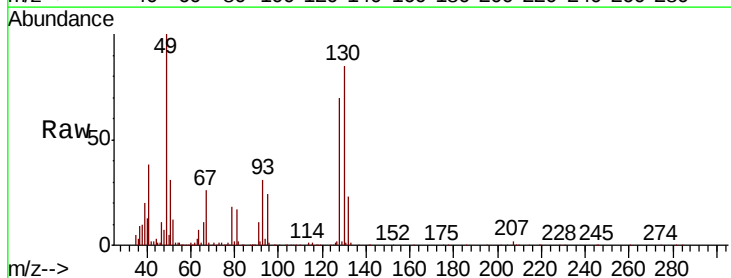
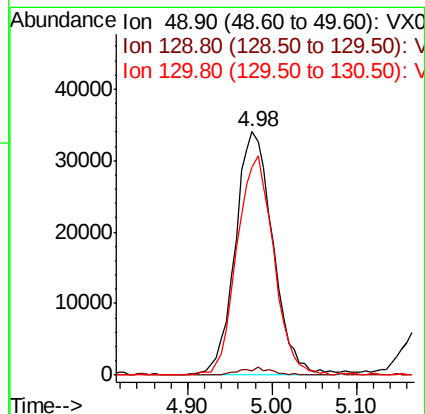
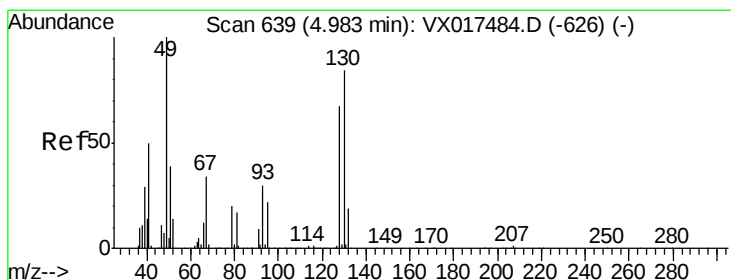
Tot Ion	Ratio	Lower	Upper
96	100		
61	153.5	0.0	301.2
98	66.2	0.0	130.0

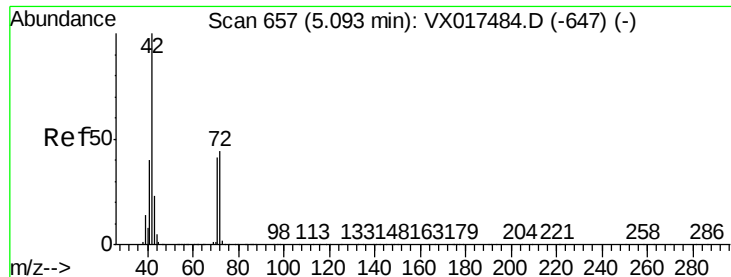


#28

Bromochloromethane
Concen: 18.295 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017646.D
Acq: 28 Jul 2020 12:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.6
130	87.5	66.7	100.1





#29

Tetrahydrofuran

Concen: 82.428 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

Instrument :

MSVOA_X

ClientSampled :

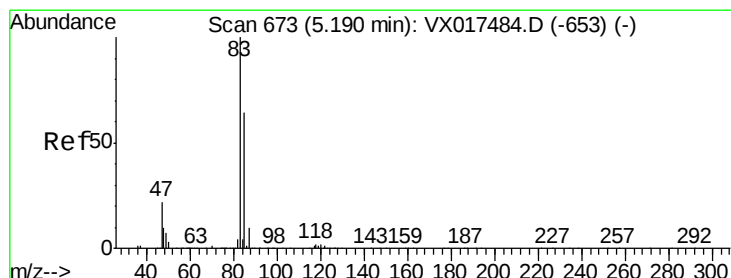
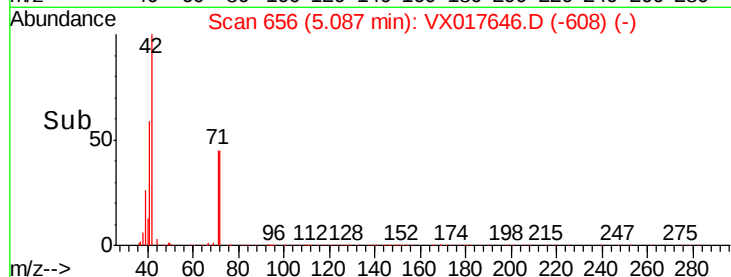
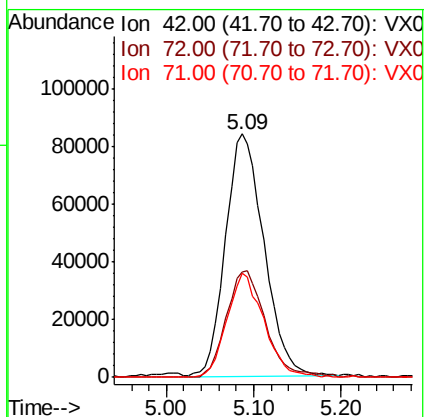
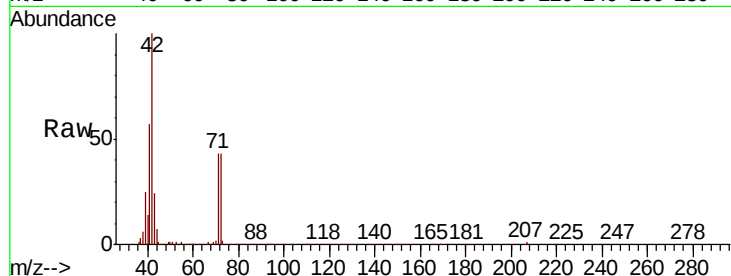
Tot Ion: 42 Resp: 256896

Ion Ratio Lower Upper

42 100

72 44.6 35.5 53.3

71 41.2 33.0 49.4



#30

Chloroform

Concen: 17.245 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.02 min

Lab File: VX017646.D

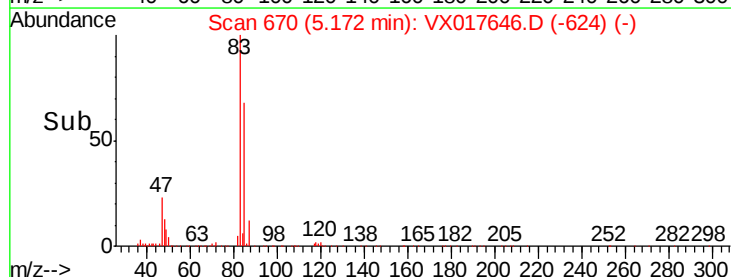
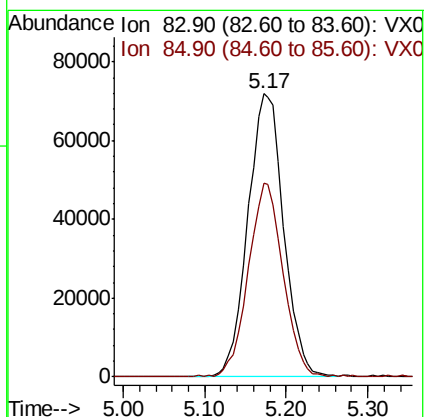
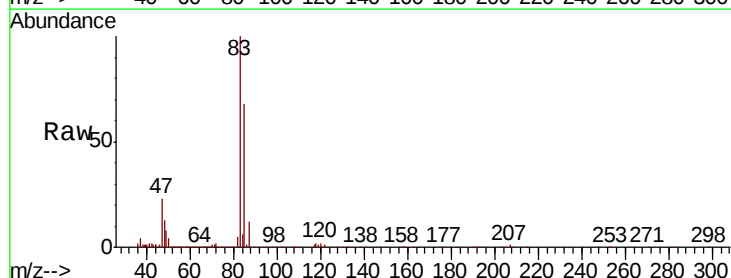
Acq: 28 Jul 2020 12:20

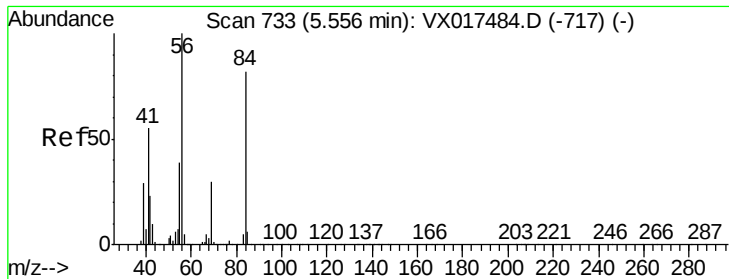
Tgt Ion: 83 Resp: 219290

Ion Ratio Lower Upper

83 100

85 68.4 51.4 77.2

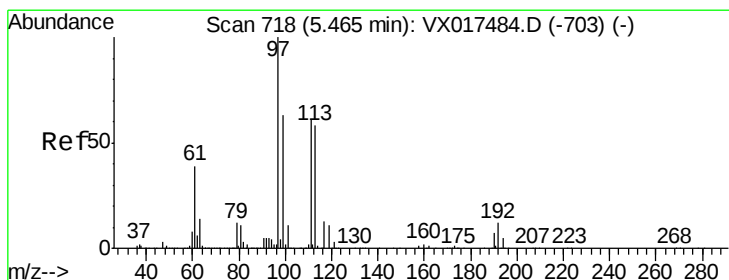
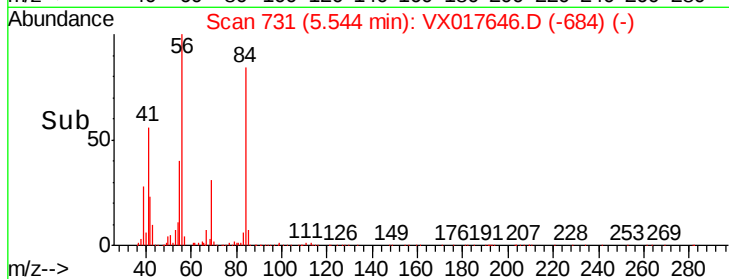
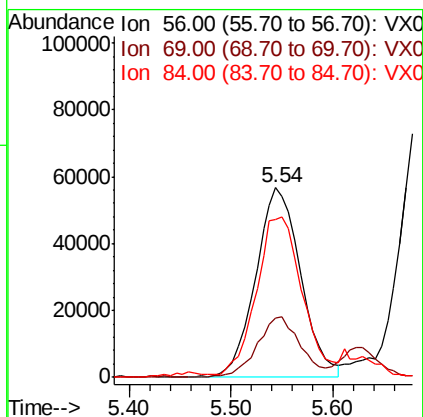
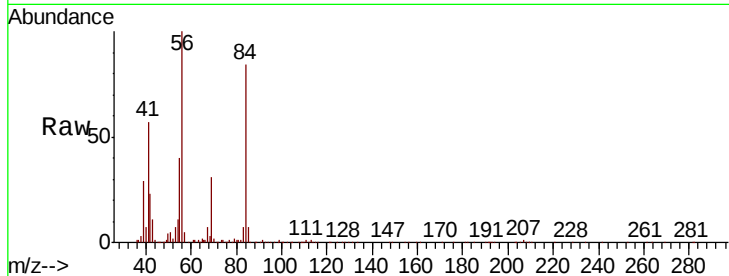




#31
Cyclohexane
Concen: 17.457 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017646.D
Acq: 28 Jul 2020 12:20

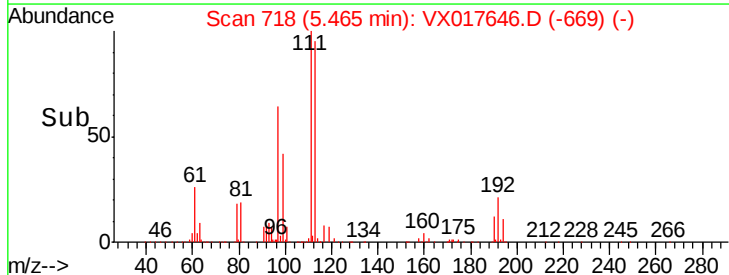
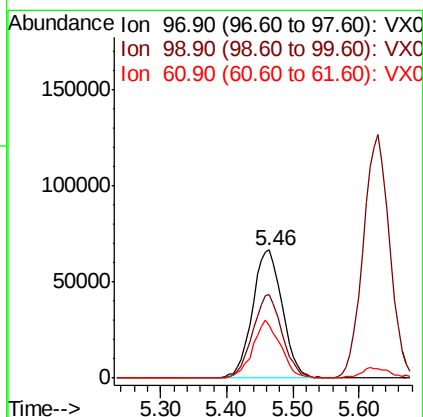
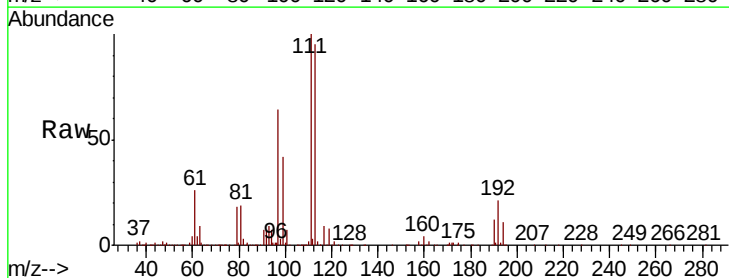
Instrument :
MSVOA_X
ClientSampled :

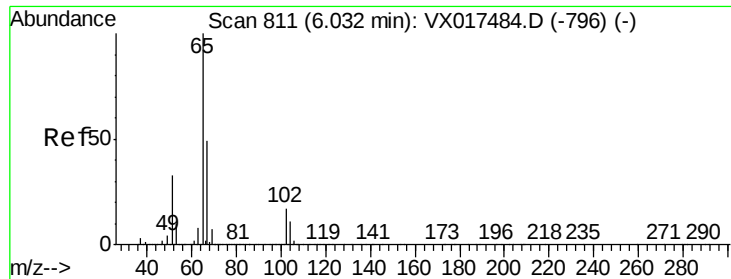
Tot Ion: 56 Resp: 173248
Ion Ratio Lower Upper
56 100
69 31.5 24.2 36.4
84 80.7 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 17.434 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017646.D
Acq: 28 Jul 2020 12:20

Tgt Ion: 97 Resp: 209042
Ion Ratio Lower Upper
97 100
99 64.2 51.9 77.9
61 41.7 34.1 51.1





#33

1,2-Dichloroethane-d4

Concen: 46.959 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

Instrument :

MSVOA_X

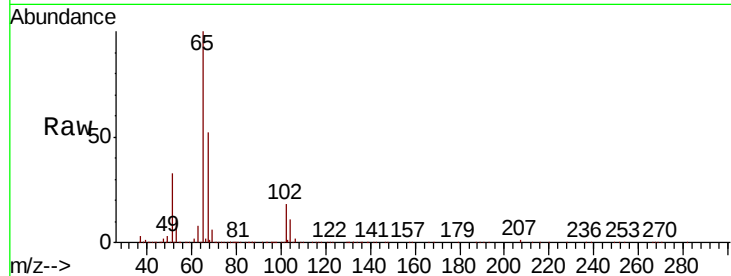
ClientSampleId :

Tot Ion: 65 Resp: 377882

Ion Ratio Lower Upper

65 100

67 50.7 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

150000

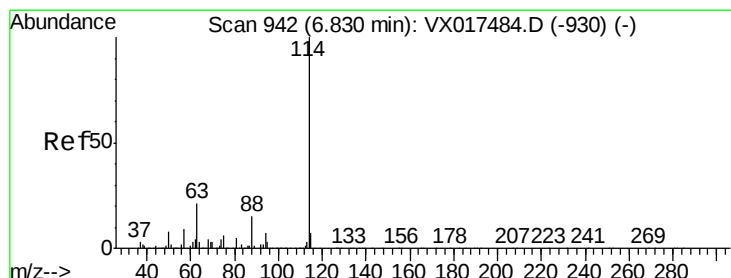
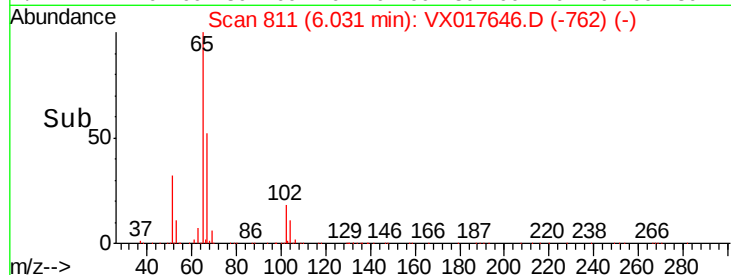
100000

50000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

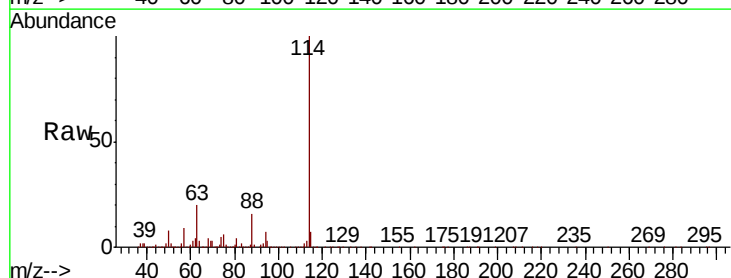
Tgt Ion: 114 Resp: 913165

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.6

88 16.4 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

500000

400000

300000

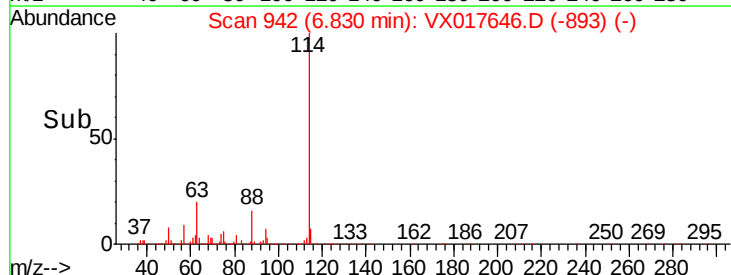
200000

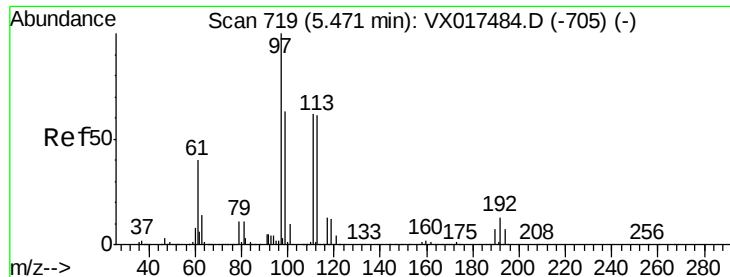
100000

0

Time-->

6.70 6.80 6.90





#35

Dibromofluoromethane

Concen: 47.279 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

Instrument :

MSVOA_X

ClientSampleId :

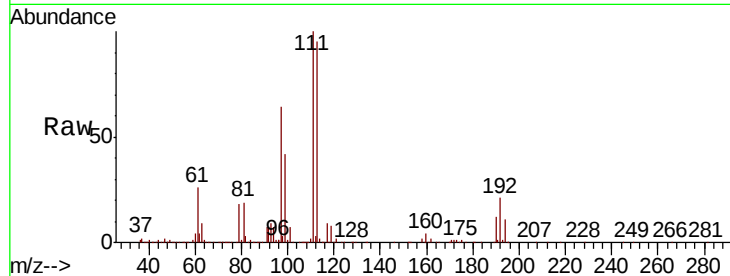
Tot Ion:113 Resp: 288744

Ion Ratio Lower Upper

113 100

111 103.4 80.7 121.1

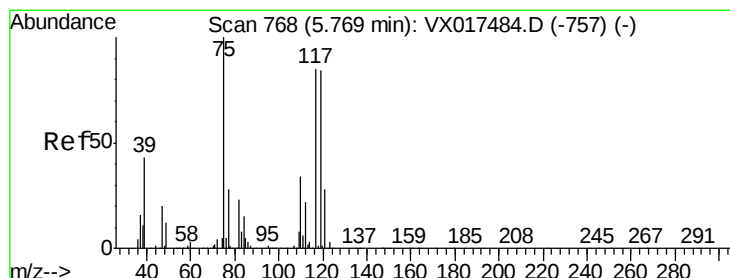
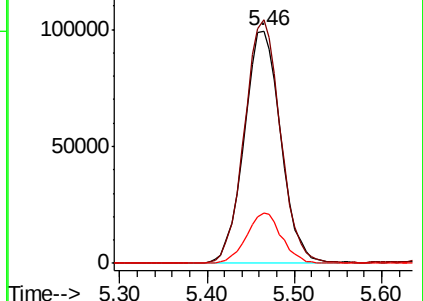
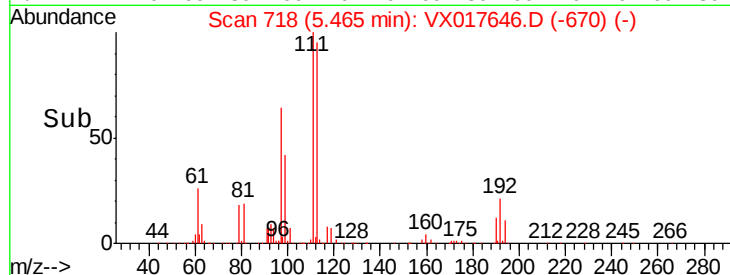
192 21.0 16.9 25.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.829 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

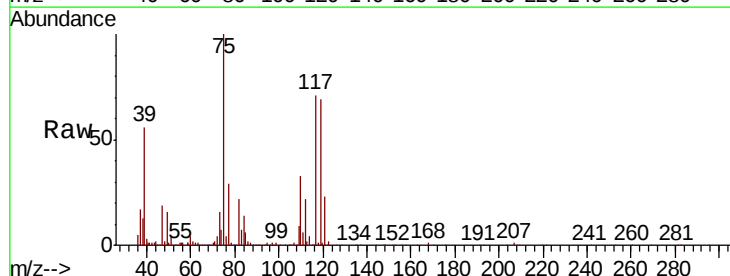
Tgt Ion: 75 Resp: 164908

Ion Ratio Lower Upper

75 100

110 35.4 18.1 54.3

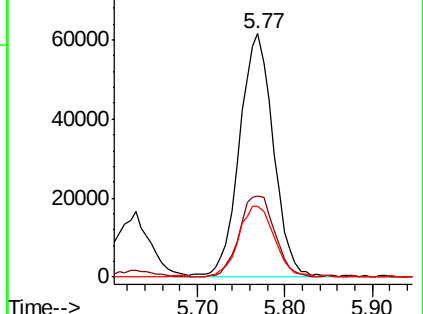
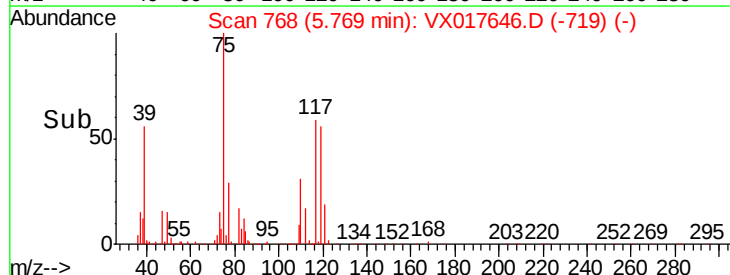
77 31.3 24.6 37.0

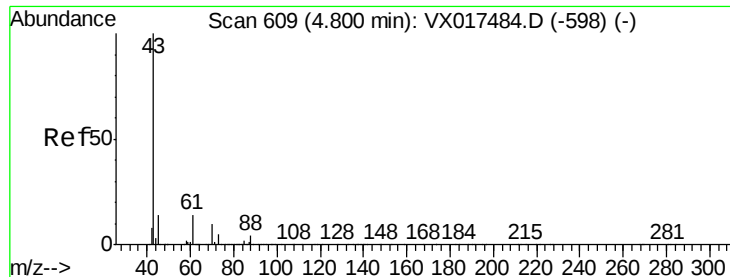


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

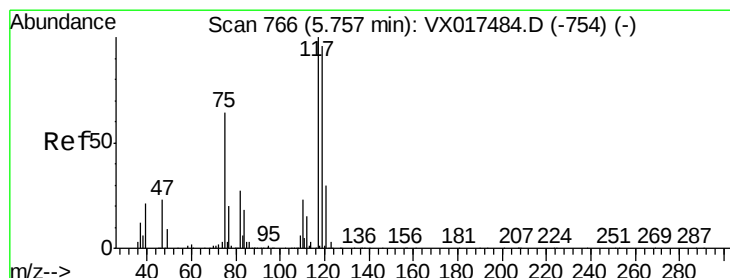
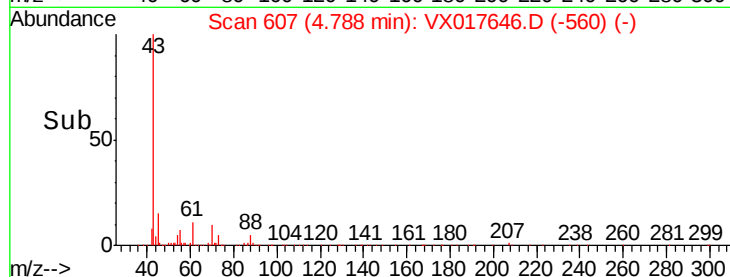
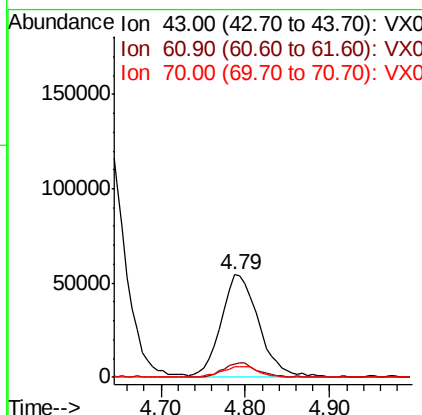
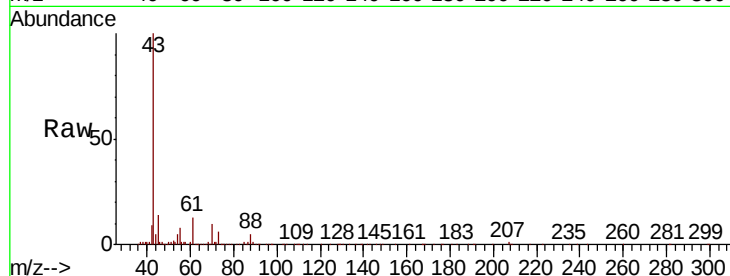




#37
Ethyl Acetate
Concen: 16.998 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX017646.D
Acq: 28 Jul 2020 12:20

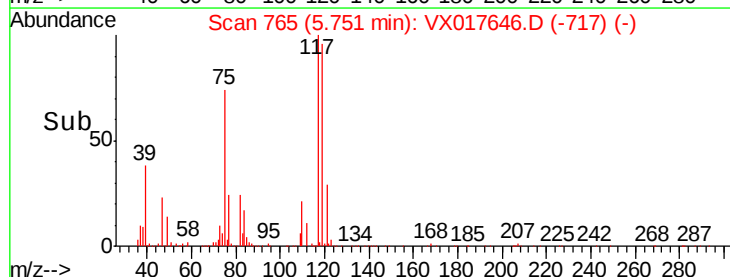
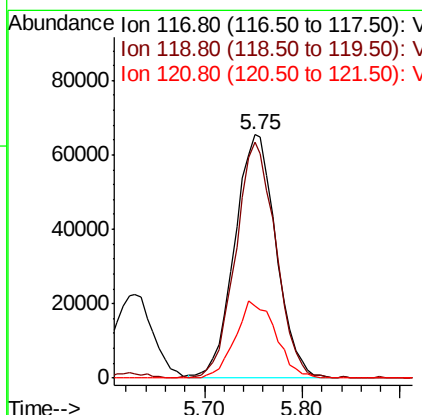
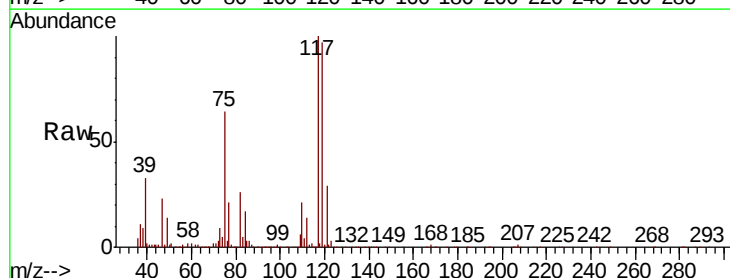
Instrument :
MSVOA_X
ClientSampleId :

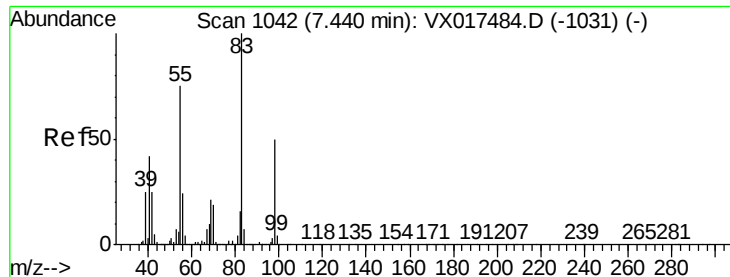
Tot Ion: 43 Resp: 162883
Ion Ratio Lower Upper
43 100
61 12.4 10.7 16.1
70 10.5 8.5 12.7



#38
Carbon Tetrachloride
Concen: 18.029 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017646.D
Acq: 28 Jul 2020 12:20

Tgt Ion: 117 Resp: 191744
Ion Ratio Lower Upper
117 100
119 96.8 75.4 113.0
121 29.2 24.3 36.5

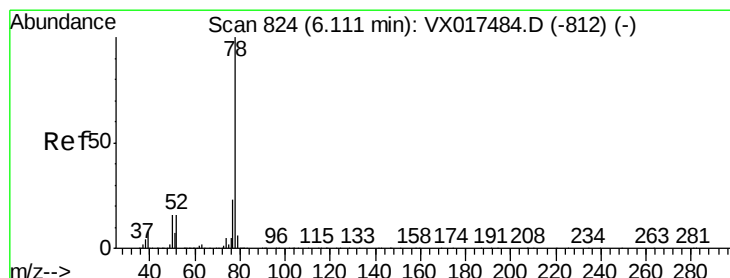
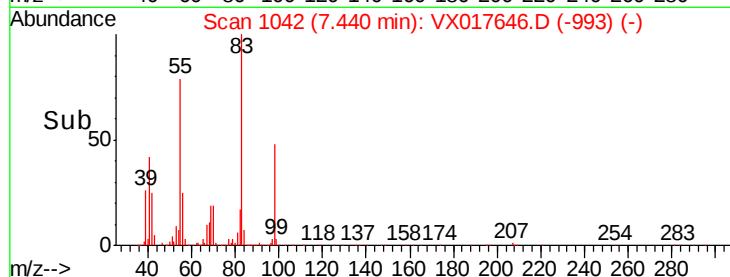
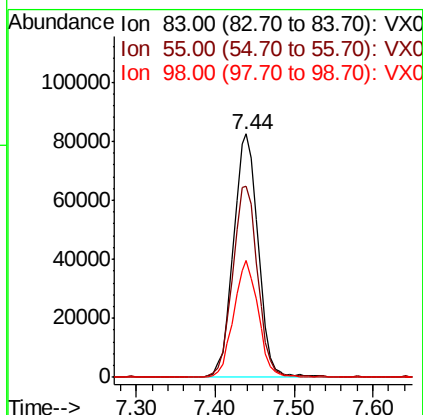
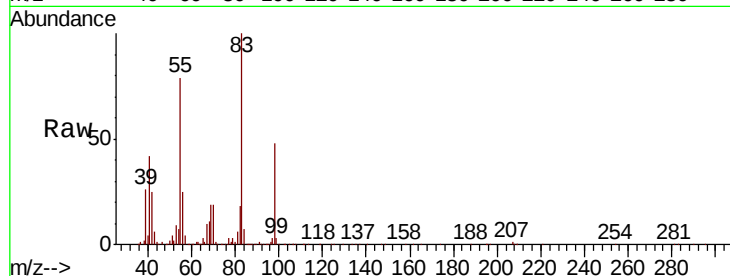




#39
Methvlcvclohexane
Concen: 17.563 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017646.D
Acq: 28 Jul 2020 12:20

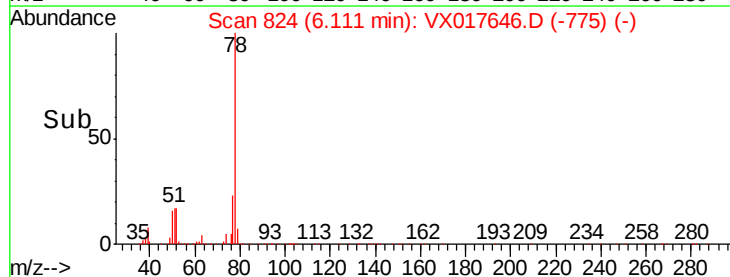
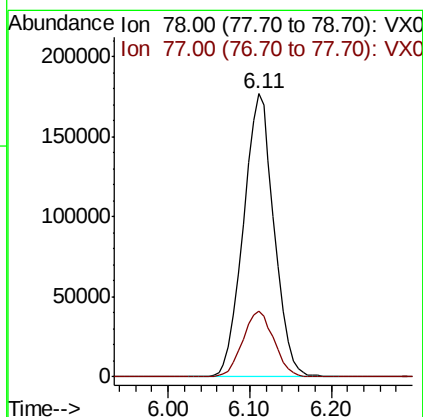
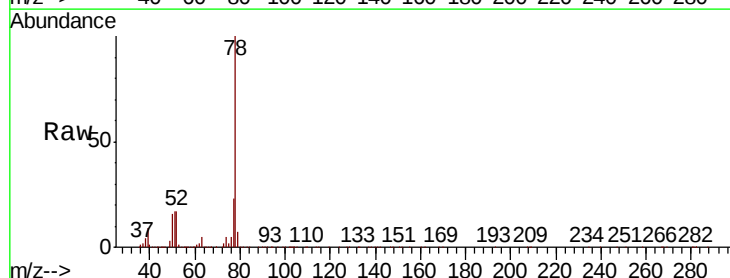
Instrument :
MSVOA_X
ClientSampleId :

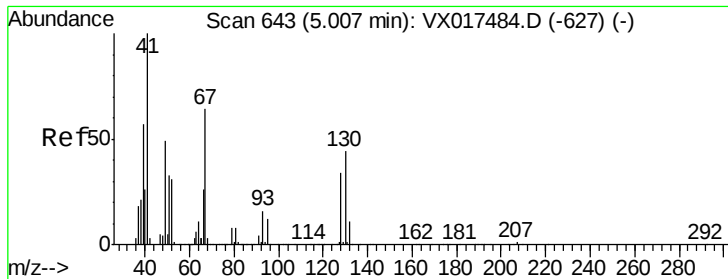
Tot Ion	Ratio	Lower	Upper
83	100		
55	78.5	61.8	92.8
98	48.3	36.9	55.3



#40
Benzene
Concen: 18.376 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017646.D
Acq: 28 Jul 2020 12:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.4	29.2





#41

Methacrylonitrile

Concen: 16.268 ug/l

RT: 5.00 min Scan# 641

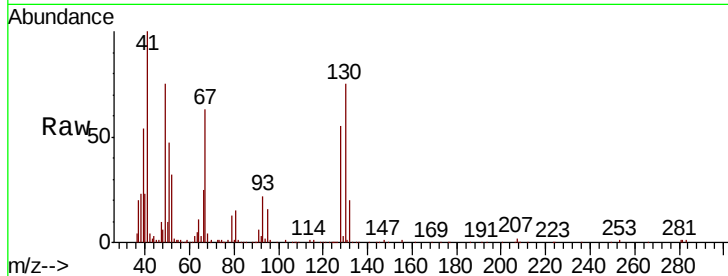
Delta R.T. -0.01 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	89355
Ion	Ratio	Lower	Upper
41	100		
39	57.9	43.9	65.9
67	69.1	54.0	81.0
52	30.6	23.0	34.6



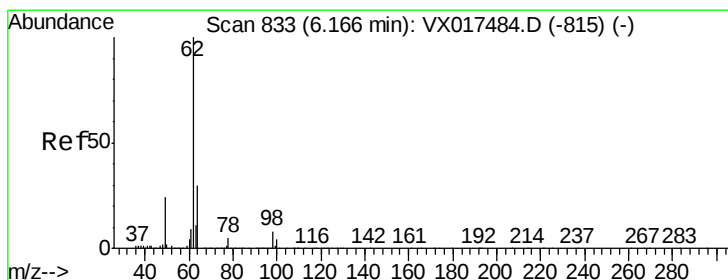
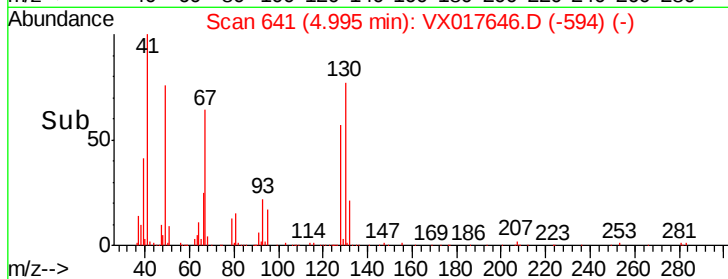
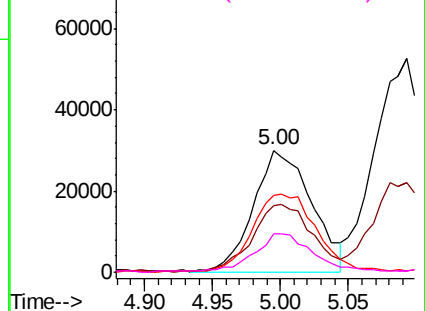
Abundance

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: 18.276 ug/l

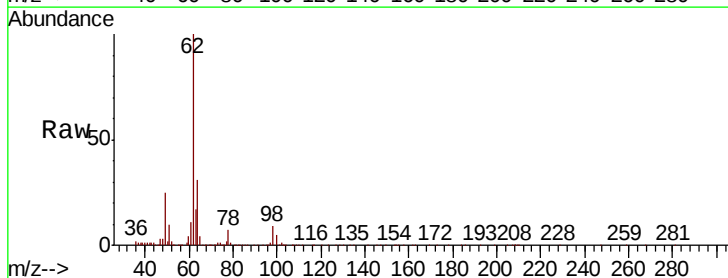
RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

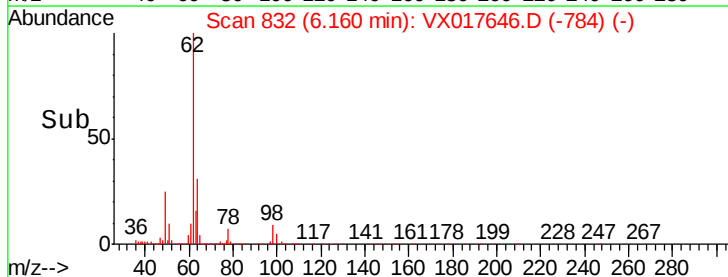
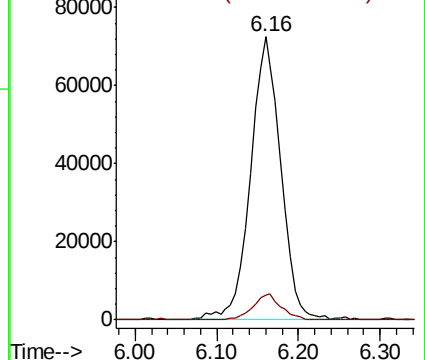
Tgt Ion:	62	Resp:	187738
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	16.0

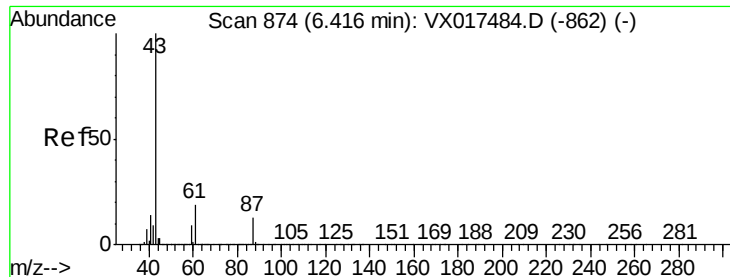


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



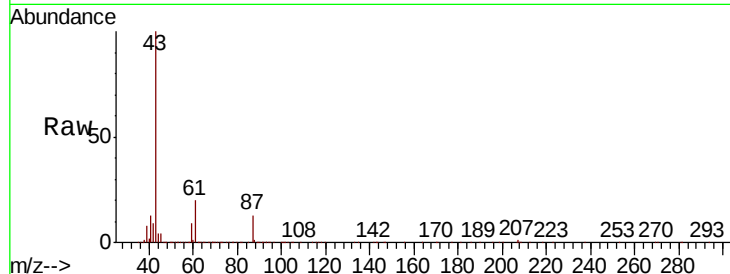


#43

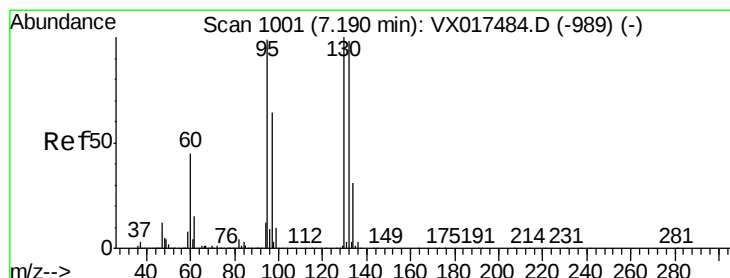
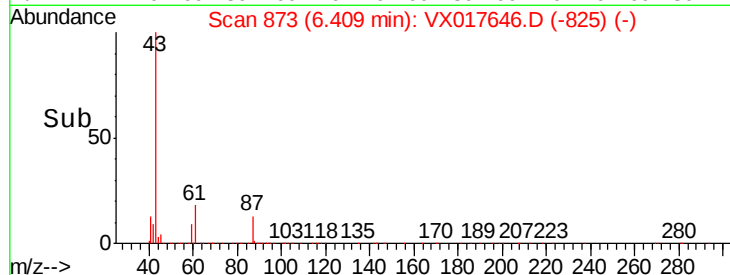
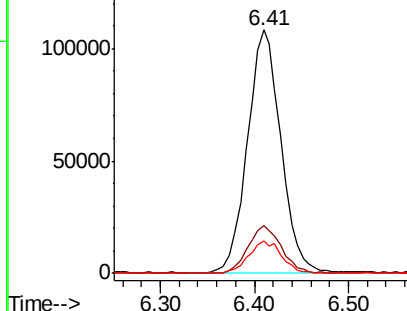
Isopropyl Acetate
 Concen: 17.127 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX017646.D
 Acq: 28 Jul 2020 12:20

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	43	Resp	270785
Ion Ratio	Lower	Upper	
43	100		
61	19.5	15.5	23.3
87	13.2	10.5	15.7



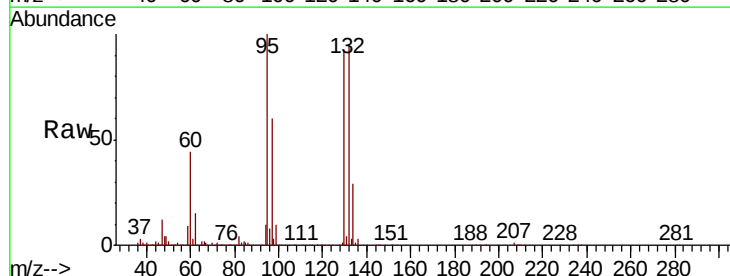
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



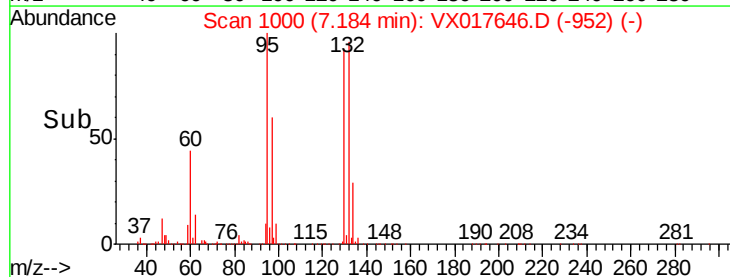
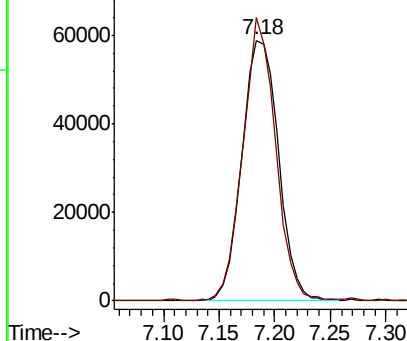
#44

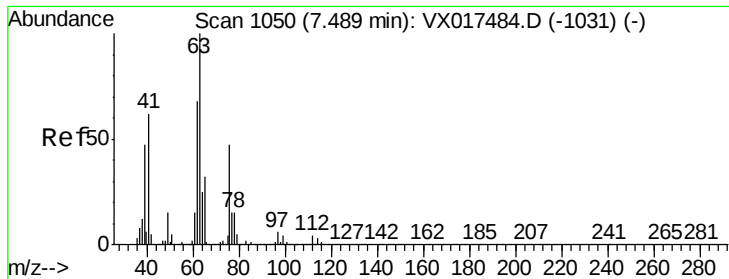
Trichloroethene
 Concen: 18.430 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX017646.D
 Acq: 28 Jul 2020 12:20

Tgt Ion	130	Resp	135237
Ion Ratio	Lower	Upper	
130	100		
95	108.5	0.0	189.0



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





#45

1,2-Dichloropropane

Concen: 16.953 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

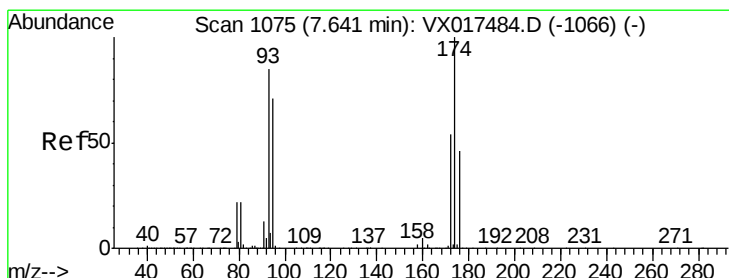
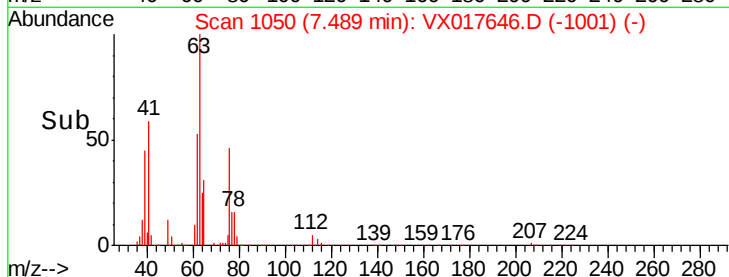
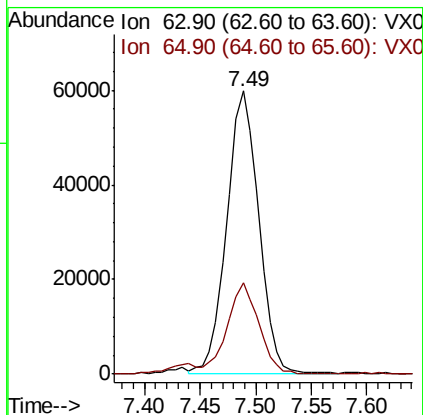
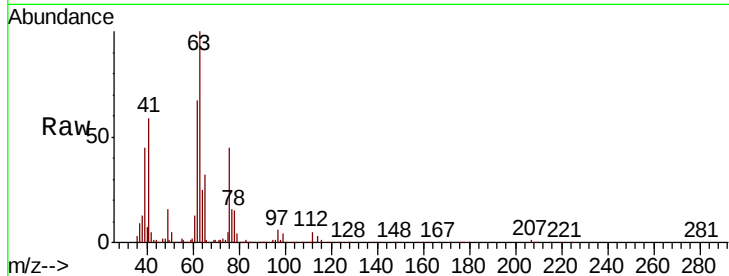
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 63 Resp: 118006

Ion Ratio Lower Upper

63 100

65 32.1 24.5 36.7



#46

Dibromomethane

Concen: 16.966 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

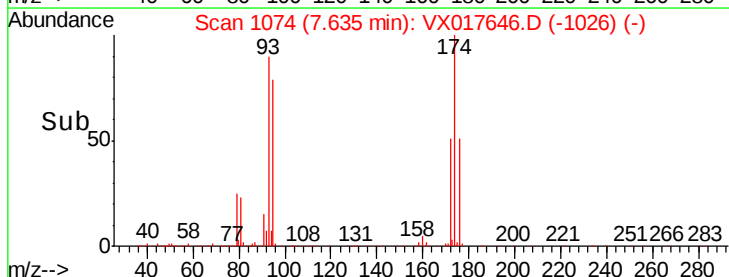
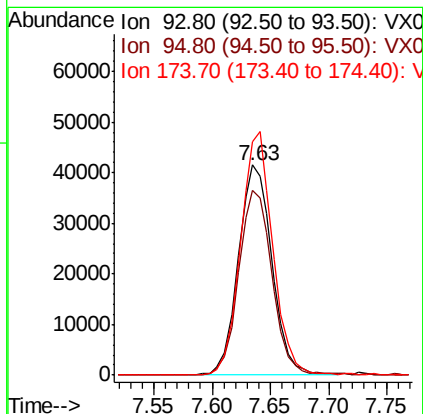
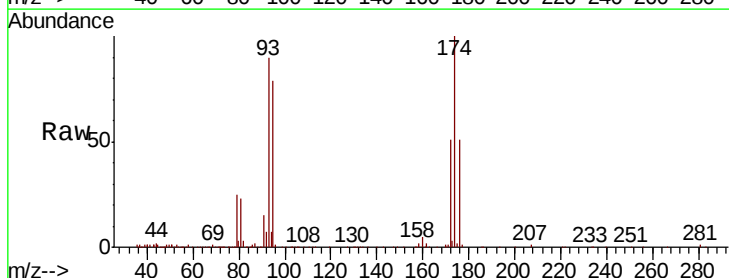
Tgt Ion: 93 Resp: 83457

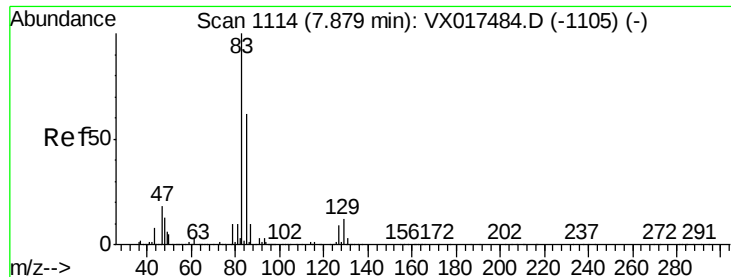
Ion Ratio Lower Upper

93 100

95 87.9 66.6 99.8

174 110.5 87.0 130.6





#47

Bromodichloromethane

Concen: 18.082 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

Instrument :
MSVOA_X
ClientSampleId :

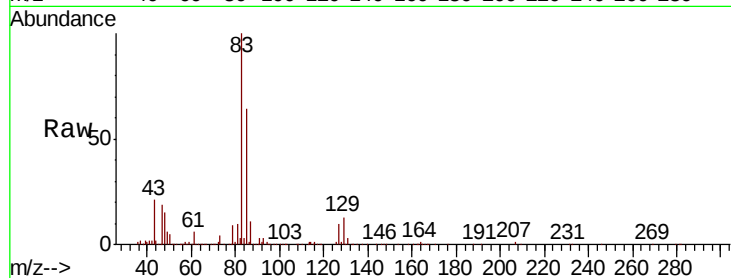
Tot Ion: 83 Resp: 178974

Ion Ratio Lower Upper

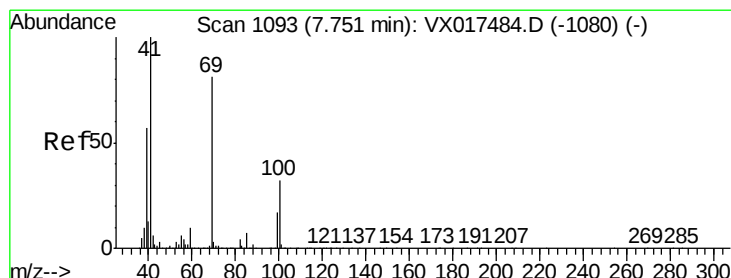
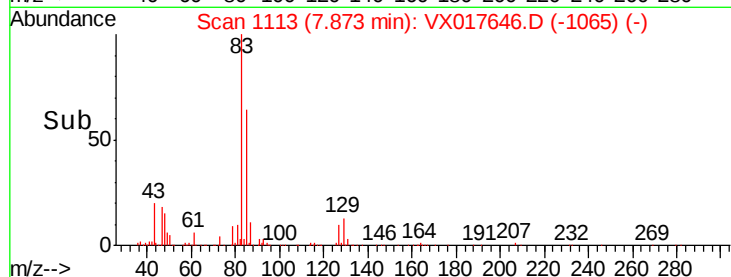
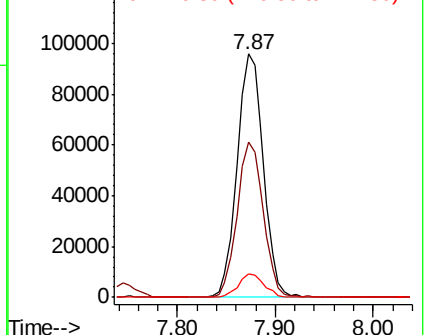
83 100

85 63.5 51.8 77.8

127 9.8 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: 16.472 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

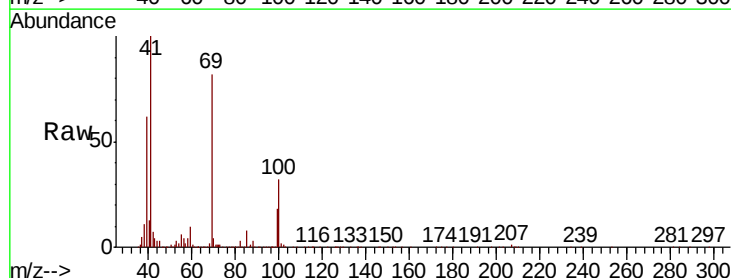
Tgt Ion: 41 Resp: 129094

Ion Ratio Lower Upper

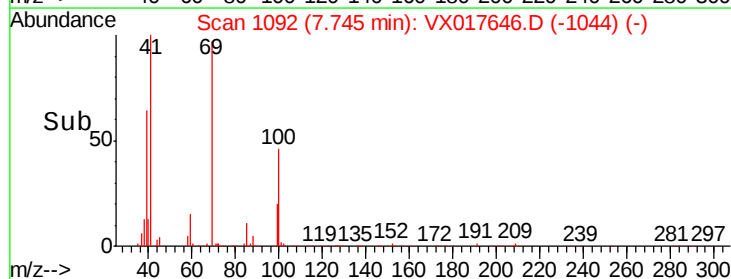
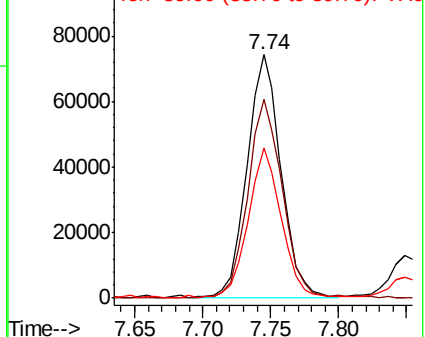
41 100

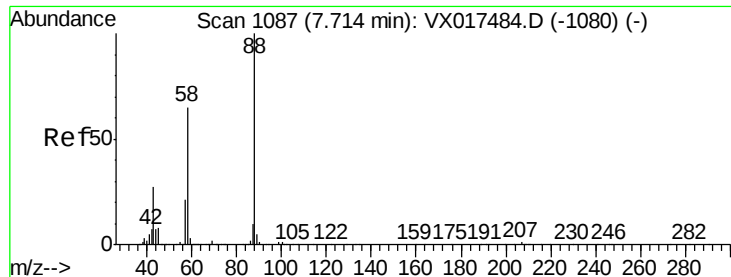
69 83.3 63.1 94.7

39 59.2 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

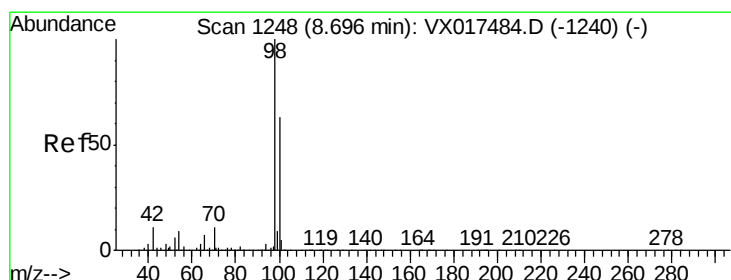
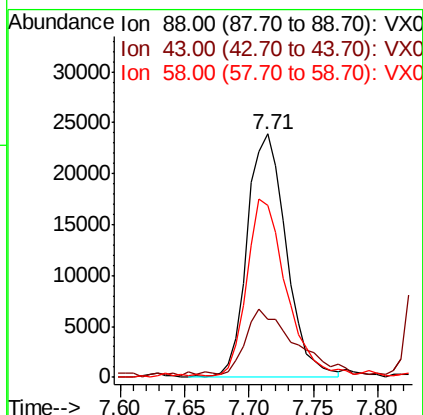
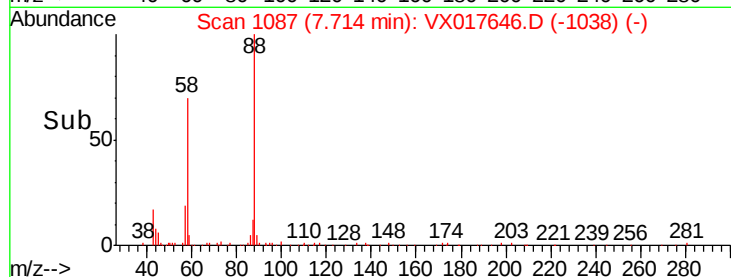
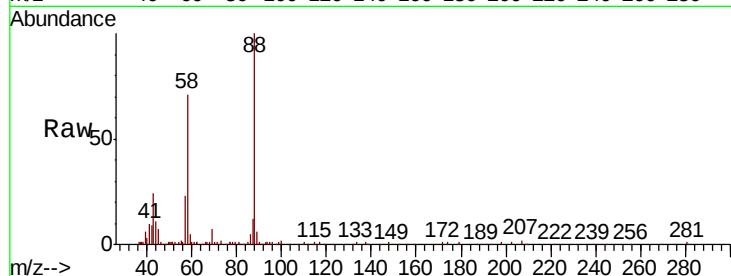




#49
1,4-Dioxane
Concen: 329.709 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017646.D
Acq: 28 Jul 2020 12:20

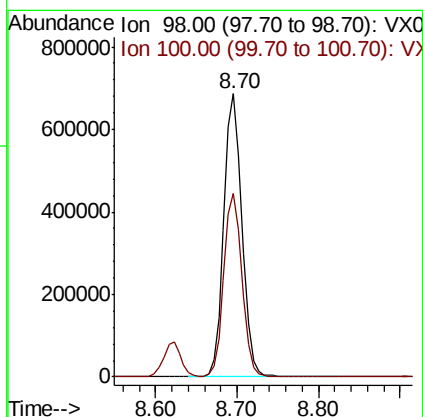
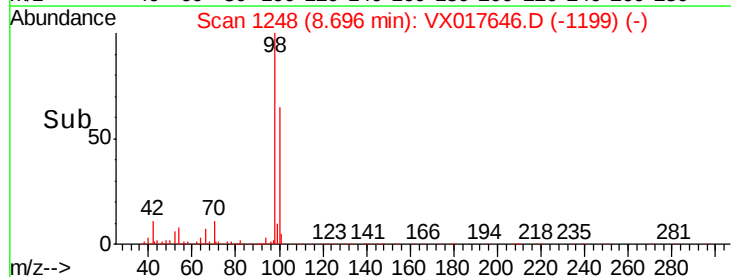
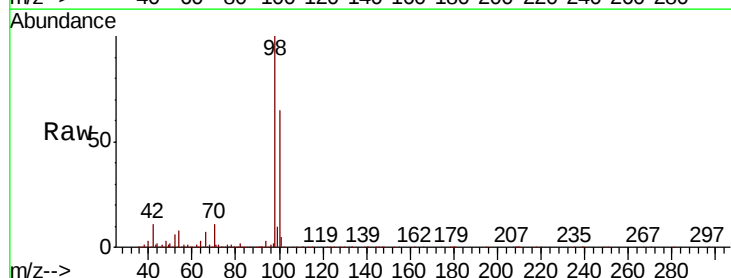
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 49542
Ion Ratio Lower Upper
88 100
43 33.2 27.8 41.6
58 73.3 58.3 87.5



#50
Toluene-d8
Concen: 47.766 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017646.D
Acq: 28 Jul 2020 12:20

Tgt Ion: 98 Resp: 1052380
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5

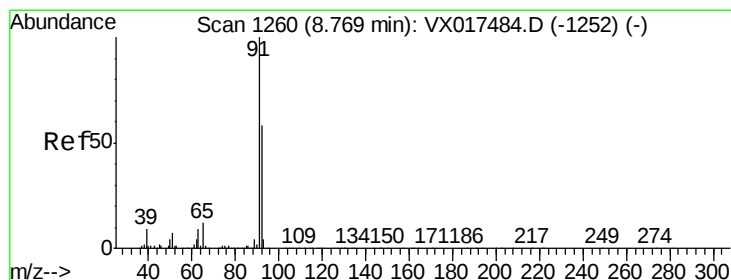
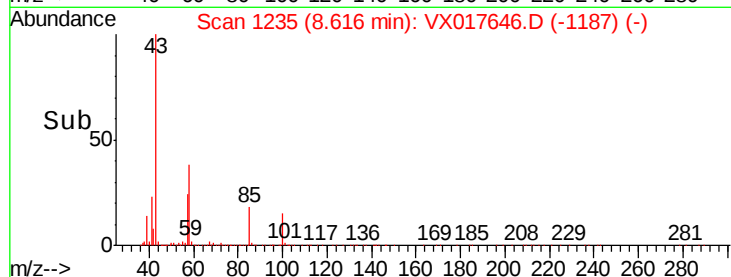
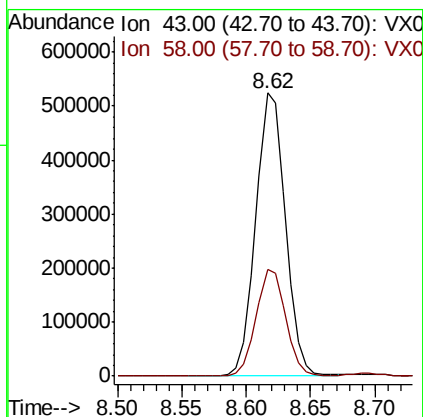
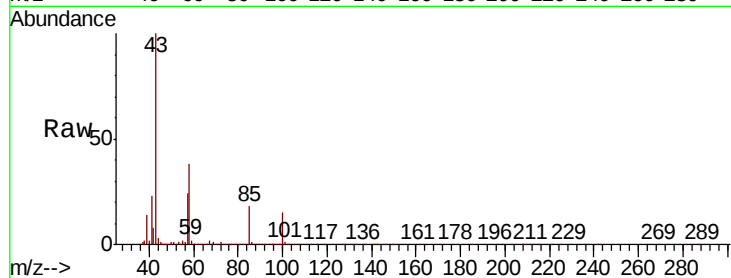




#51
4-Methyl-2-Pentanone
Concen: 88.106 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX017646.D
Acq: 28 Jul 2020 12:20

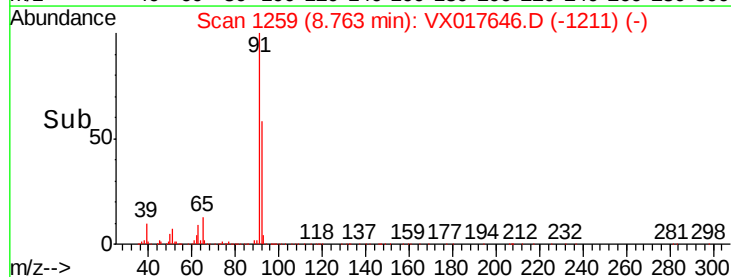
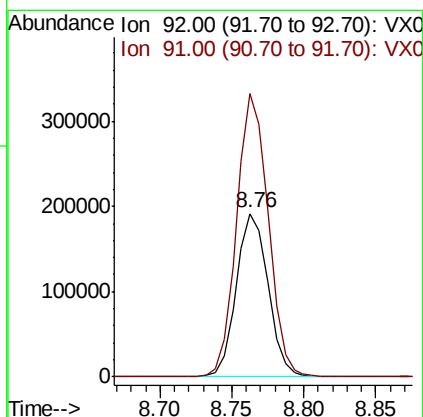
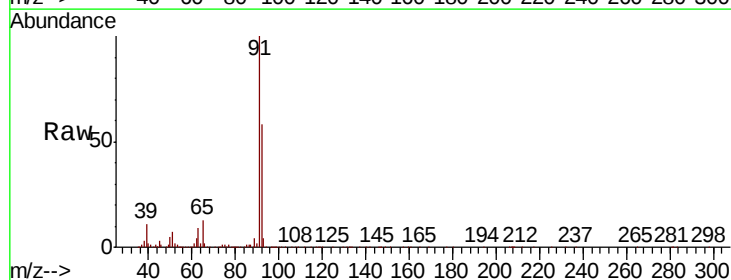
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 831173
Ion Ratio Lower Upper
43 100
58 37.5 31.0 46.4



#52
Toluene
Concen: 18.262 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX017646.D
Acq: 28 Jul 2020 12:20

Tgt Ion: 92 Resp: 294068
Ion Ratio Lower Upper
92 100
91 172.6 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 17.919 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

Instrument :

MSVOA_X

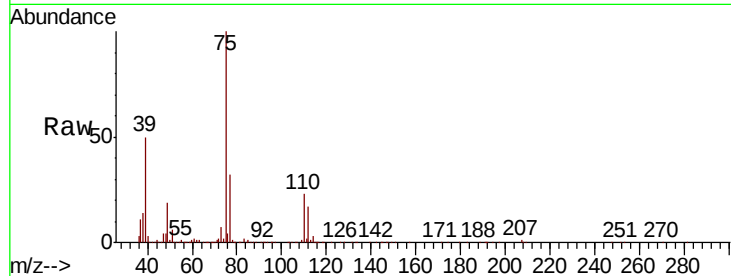
ClientSampled :

Tot Ion: 75 Resp: 198544

Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

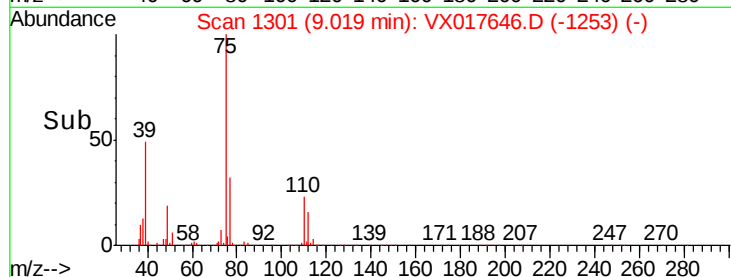
150000

100000

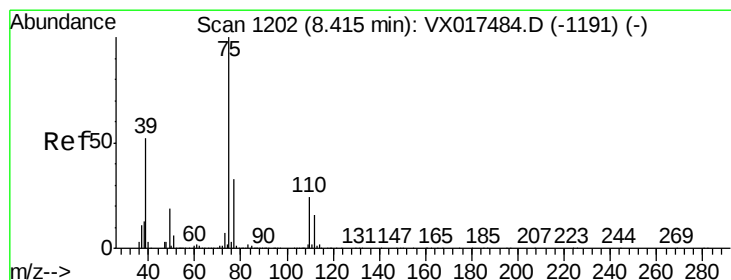
50000

0

Time-->



Time-->



#54

cis-1,3-Dichloropropene

Concen: 17.956 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

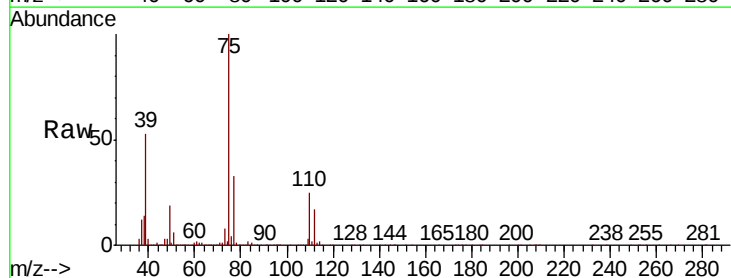
Tgt Ion: 75 Resp: 202925

Ion Ratio Lower Upper

75 100

77 33.1 25.5 38.3

39 53.1 41.8 62.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

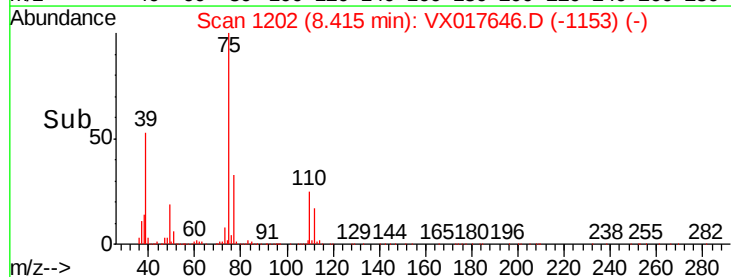
150000

100000

50000

0

Time-->



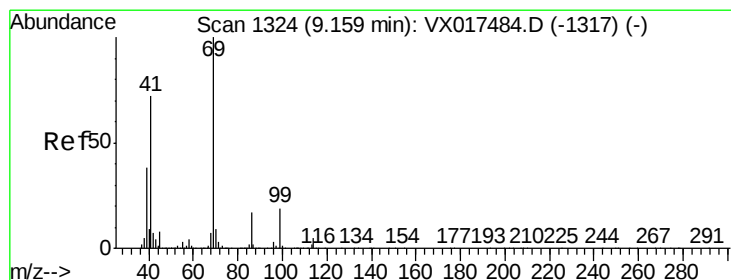
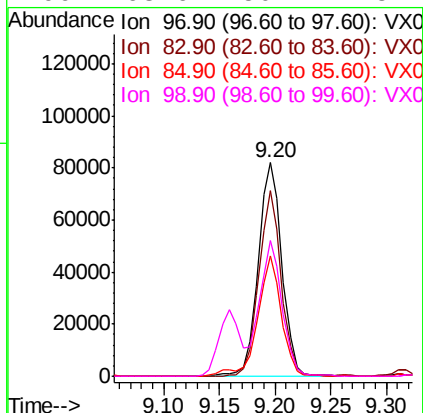
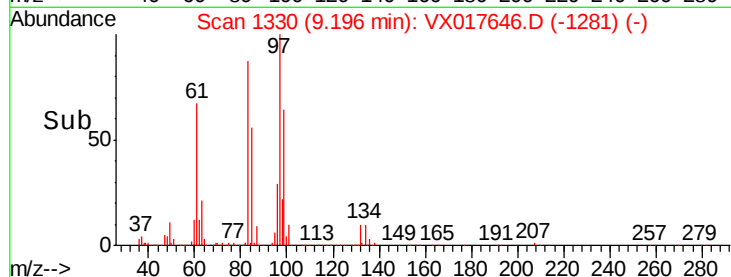
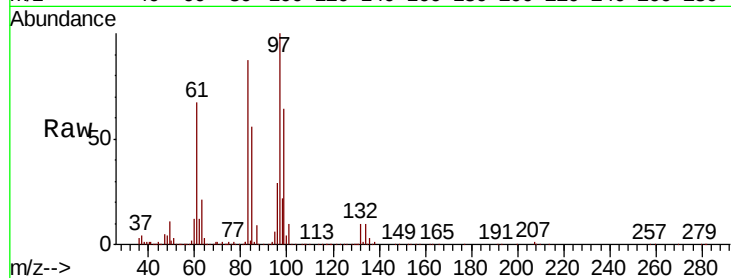
Time-->



#55
 1,1,2-Trichloroethane
 Concen: 18.164 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017646.D
 Acq: 28 Jul 2020 12:20

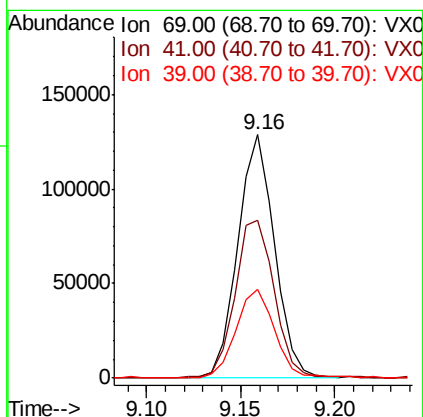
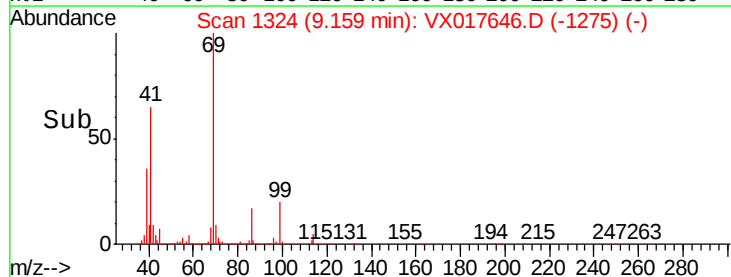
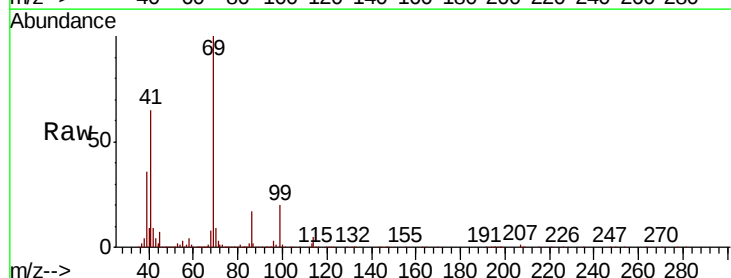
Instrument :
 MSVOA_X
 ClientSampleId :

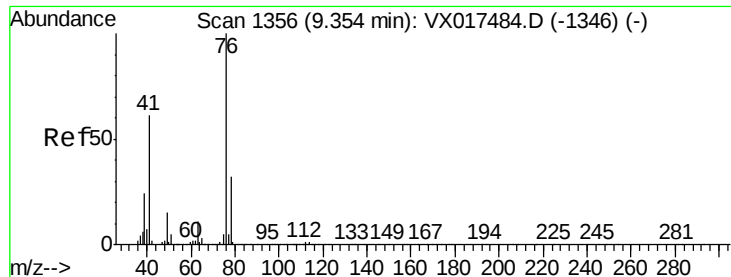
Tot Ion:	97	Resp:	121845
Ion	Ratio	Lower	Upper
97	100		
83	87.0	67.6	101.4
85	56.3	44.6	67.0
99	63.6	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 17.196 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017646.D
 Acq: 28 Jul 2020 12:20

Tgt Ion:	69	Resp:	173788
Ion	Ratio	Lower	Upper
69	100		
41	69.1	55.0	82.6
39	38.5	30.0	45.0





#57

1,3-Dichloropropane

Concen: 18.265 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

Instrument :

MSVOA_X

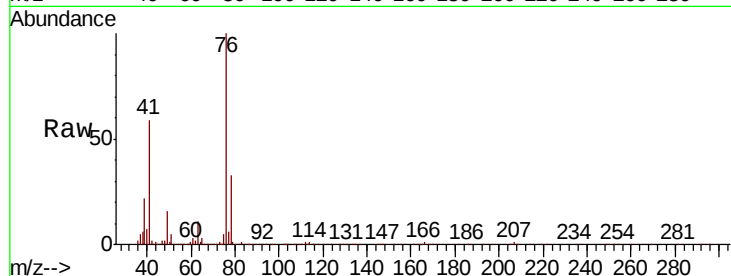
ClientSampleId :

Tot Ion: 76 Resp: 201748

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

150000

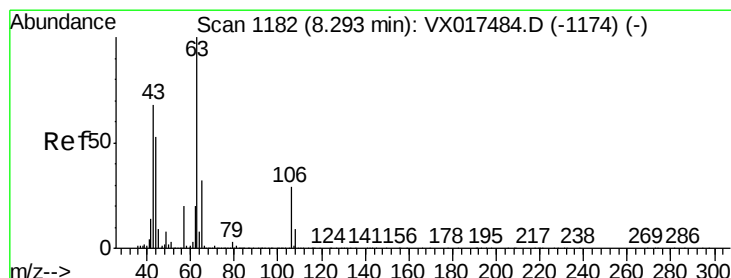
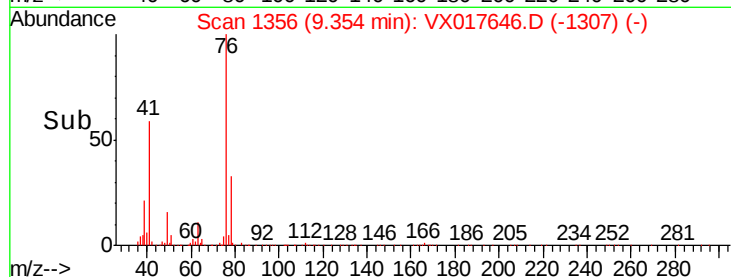
100000

50000

0

Time-->

9.30 9.35 9.40 9.45



#58

2-Chloroethyl Vinyl ether

Concen: 84.840 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX017646.D

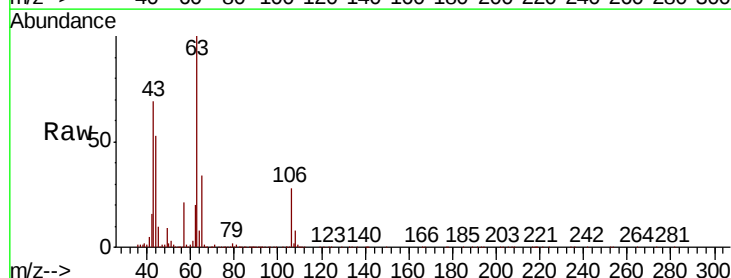
Acq: 28 Jul 2020 12:20

Tgt Ion: 63 Resp: 451725

Ion Ratio Lower Upper

63 100

106 28.8 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

300000

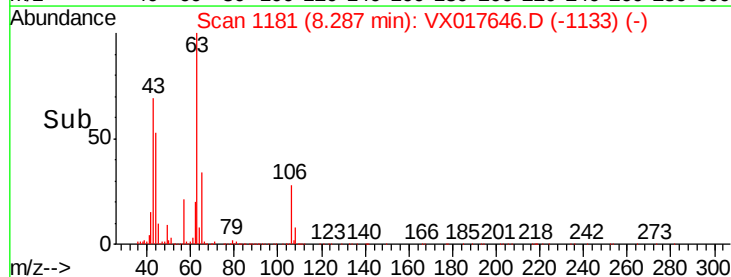
200000

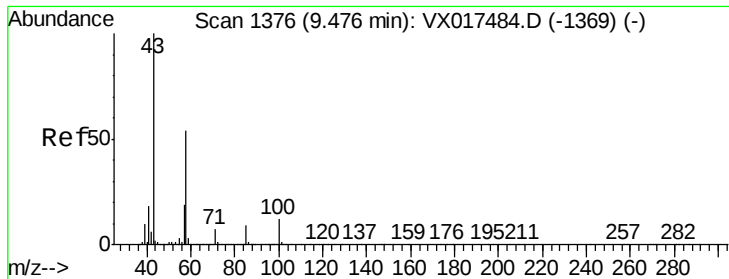
100000

0

Time-->

8.20 8.25 8.30 8.35 8.40

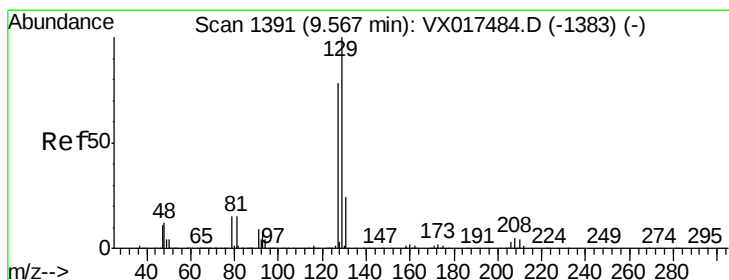
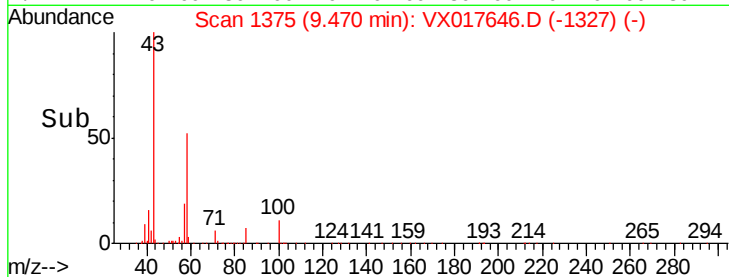
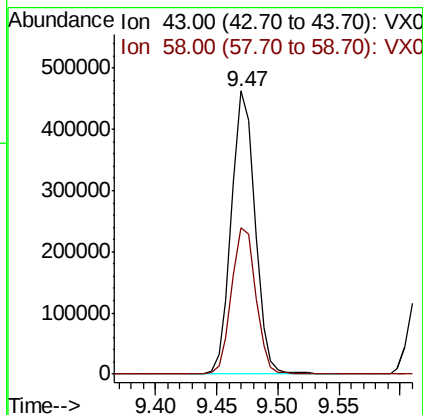
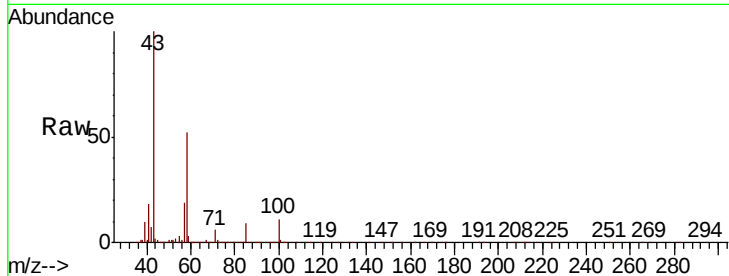




#59
2-Hexanone
Concen: 86.683 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017646.D
Acq: 28 Jul 2020 12:20

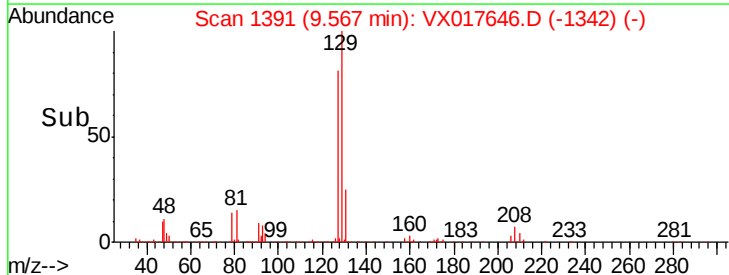
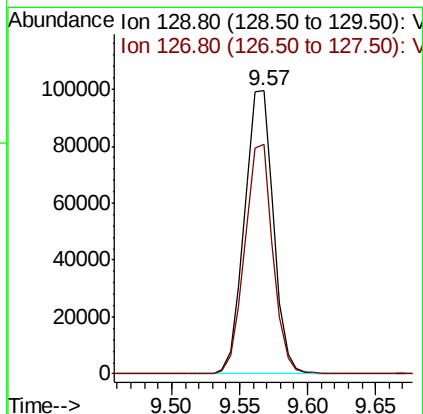
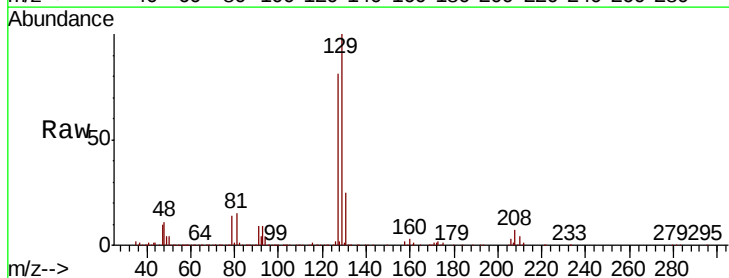
Instrument :
MSVOA_X
ClientSampleId :

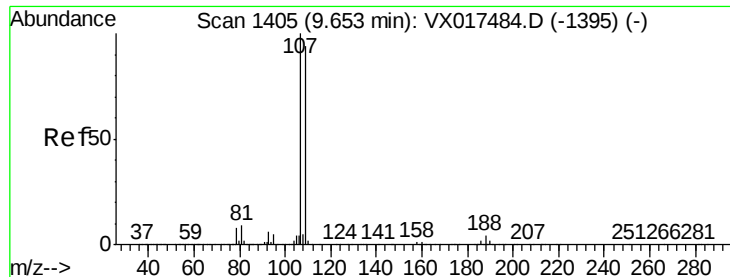
Tot Ion: 43 Resp: 615670
Ion Ratio Lower Upper
43 100
58 53.3 26.6 79.8



#60
Dibromochloromethane
Concen: 17.401 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017646.D
Acq: 28 Jul 2020 12:20

Tgt Ion: 129 Resp: 148362
Ion Ratio Lower Upper
129 100
127 79.1 38.4 115.1





#61

1,2-Dibromoethane

Concen: 18.540 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

Instrument :

MSVOA_X

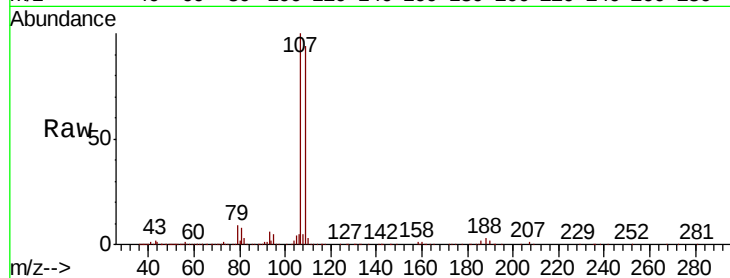
ClientSampleId :

Tot Ion: 107 Resp: 132410

Ion Ratio Lower Upper

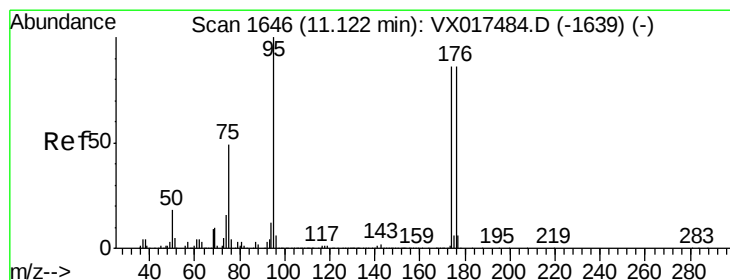
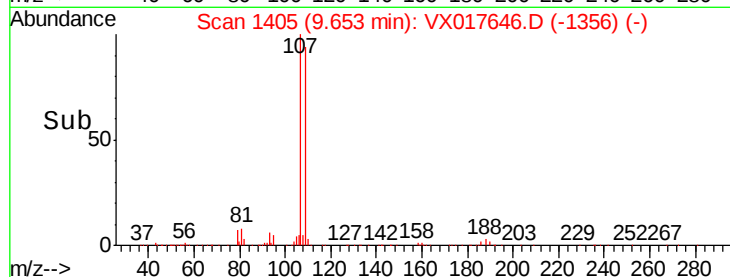
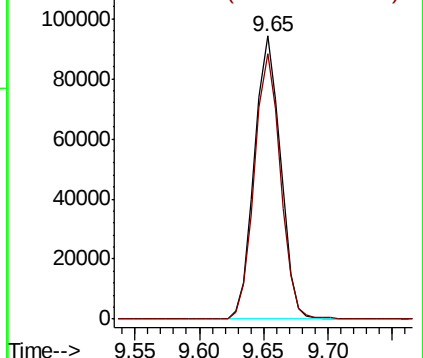
107 100

109 93.3 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: 46.411 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

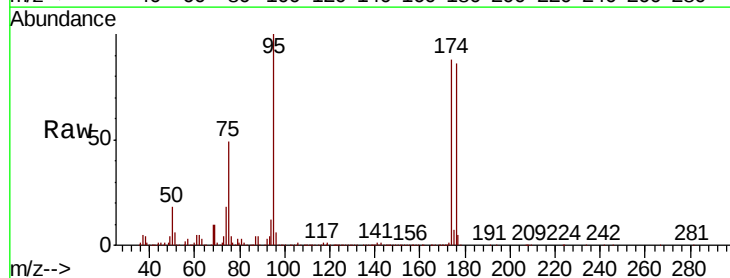
Tgt Ion: 95 Resp: 409219

Ion Ratio Lower Upper

95 100

174 82.8 0.0 169.0

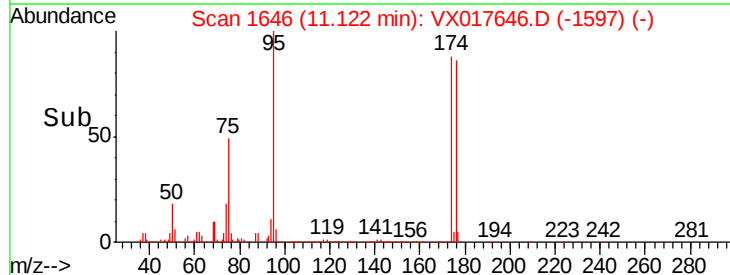
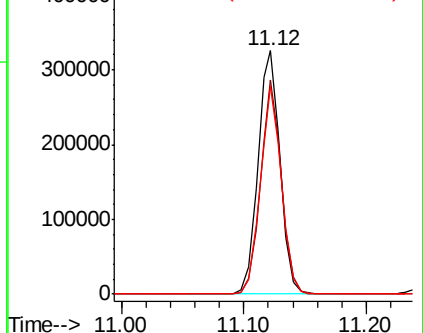
176 81.5 0.0 161.0



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

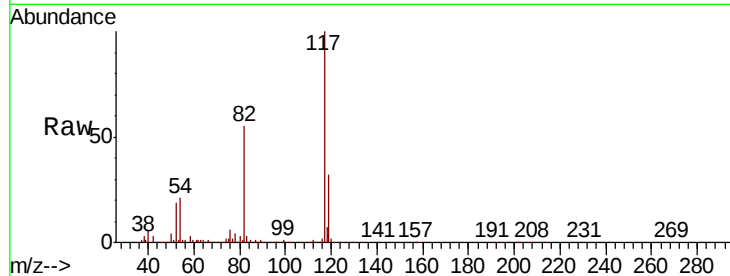




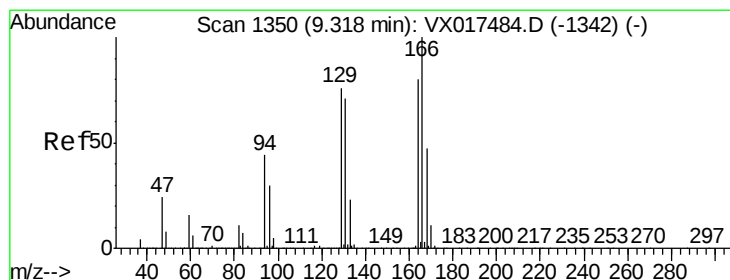
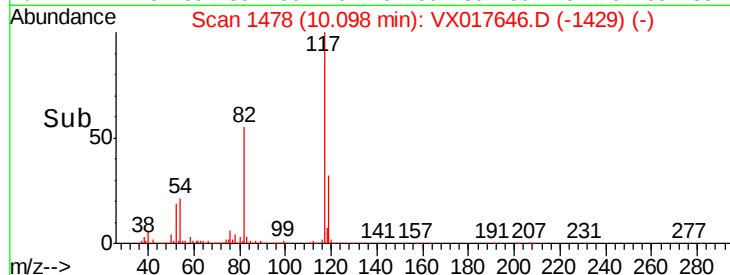
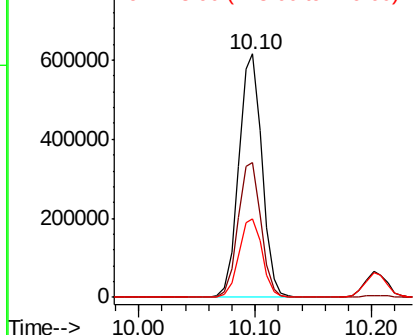
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017646.D
Acq: 28 Jul 2020 12:20

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 854272
Ion Ratio Lower Upper
117 100
82 55.4 44.0 66.0
119 32.3 25.4 38.0



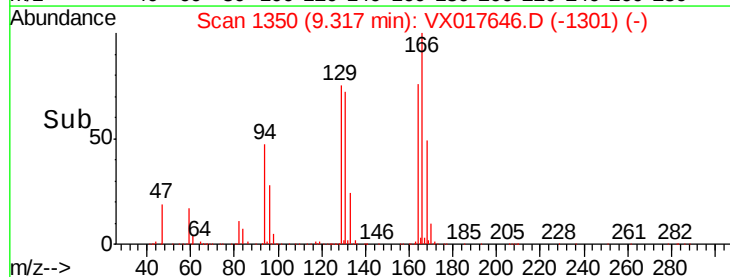
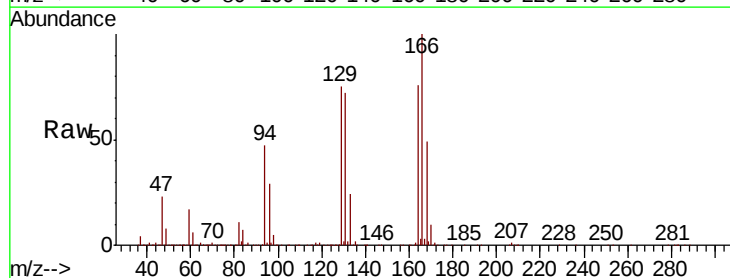
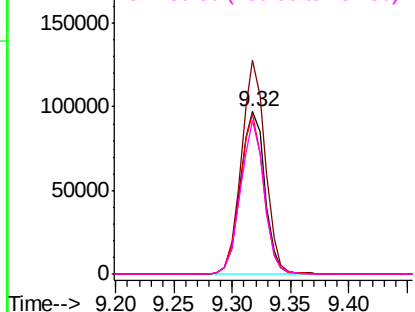
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 18.593 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017646.D
Acq: 28 Jul 2020 12:20

Tgt Ion:164 Resp: 142556
Ion Ratio Lower Upper
164 100
166 131.7 100.6 150.8
129 98.3 75.0 112.6
131 94.3 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

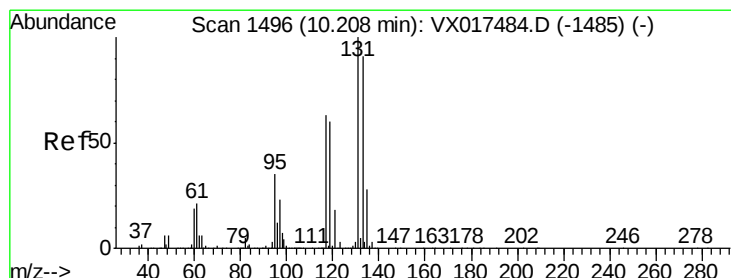
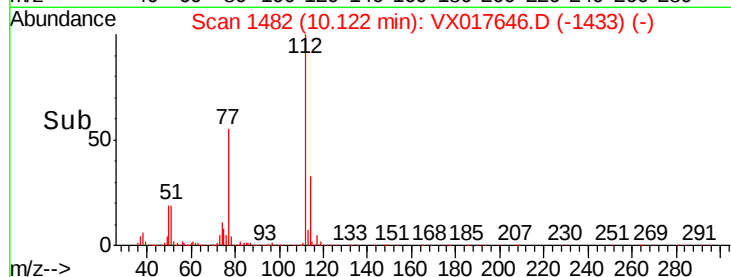
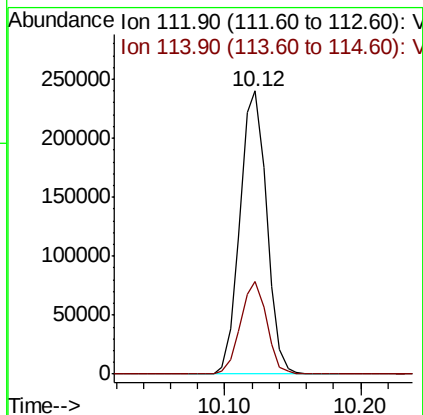
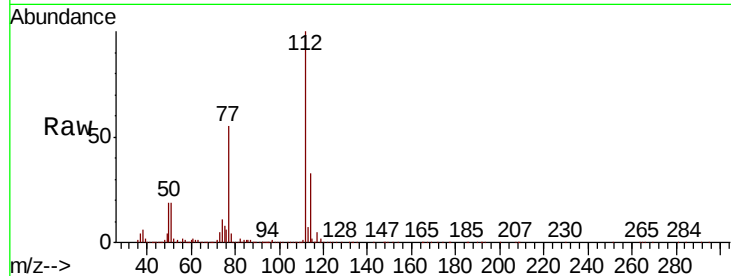




#65
Chlorobenzene
Concen: 17.847 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017646.D
Acq: 28 Jul 2020 12:20

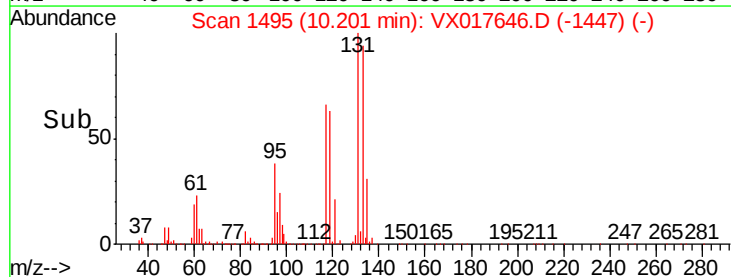
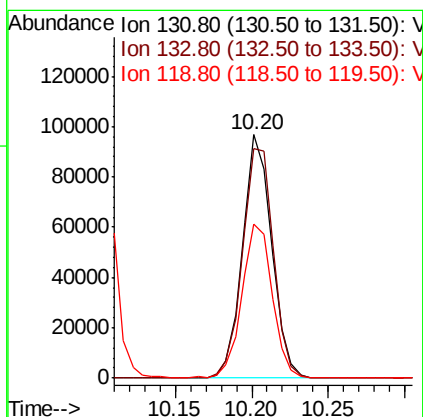
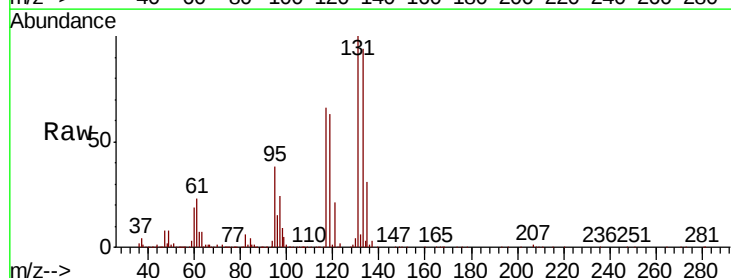
Instrument :
MSVOA_X
ClientSampled :

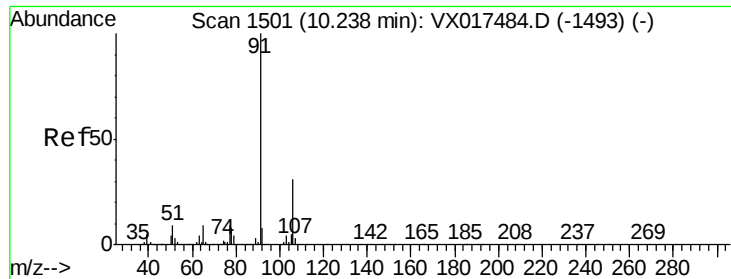
Tot Ion:112 Resp: 330015
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 17.228 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017646.D
Acq: 28 Jul 2020 12:20

Tgt Ion:131 Resp: 128570
Ion Ratio Lower Upper
131 100
133 100.1 47.9 143.6
119 65.3 31.1 93.3





#67

Ethyl Benzene

Concen: 18.256 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

Instrument :

MSVOA_X

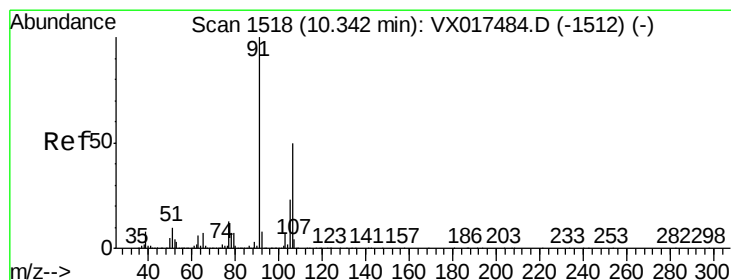
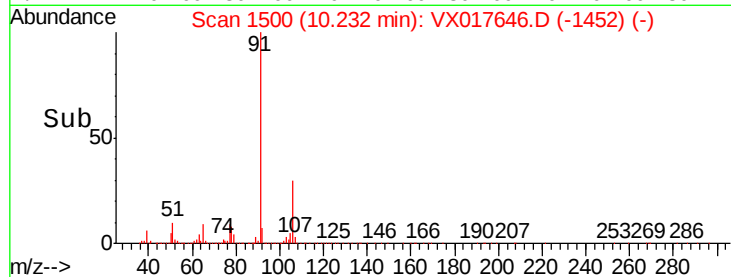
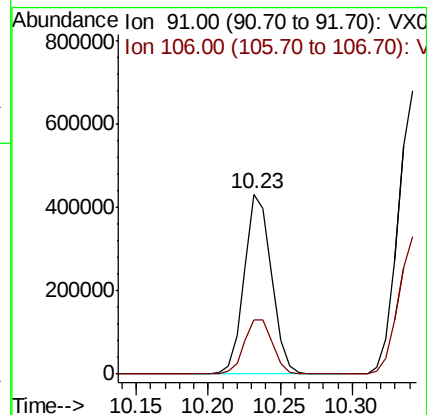
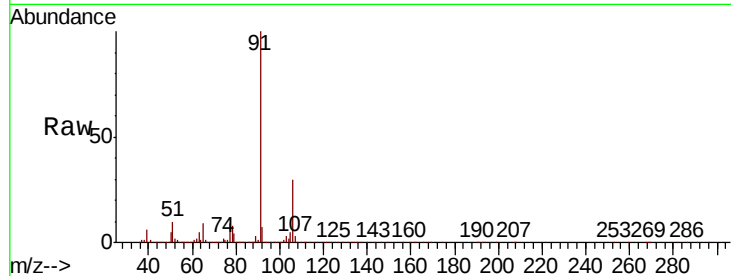
ClientSampleId :

Tot Ion: 91 Resp: 563502

Ion Ratio Lower Upper

91 100

106 30.1 25.8 38.6



#68

m/p-Xylenes

Concen: 35.952 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017646.D

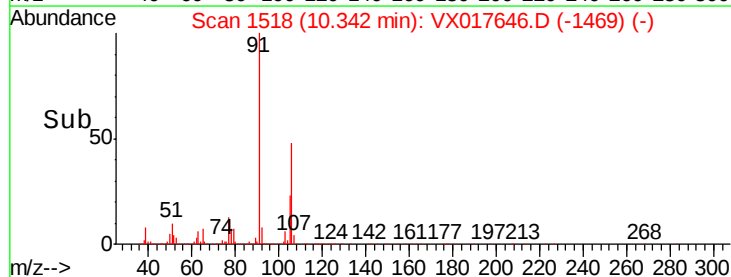
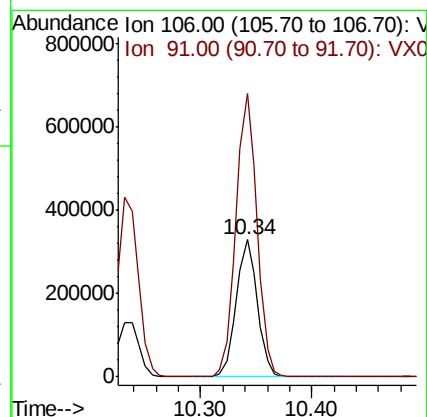
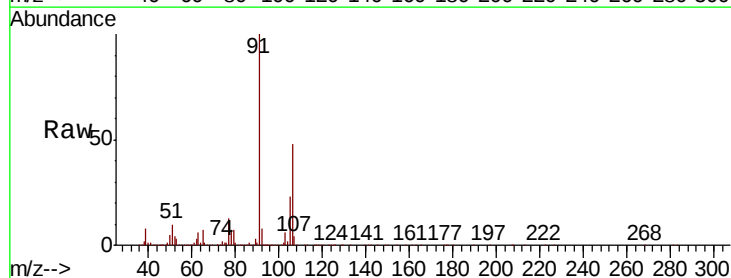
Acq: 28 Jul 2020 12:20

Tgt Ion: 106 Resp: 429894

Ion Ratio Lower Upper

106 100

91 207.2 160.9 241.3

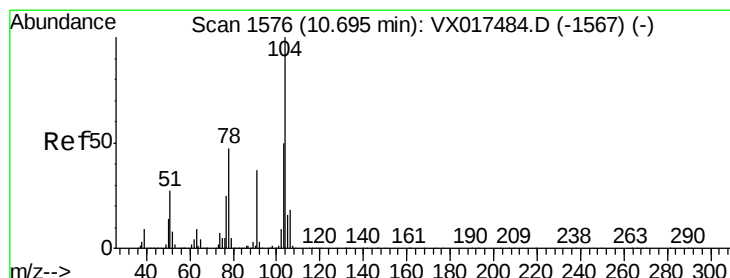
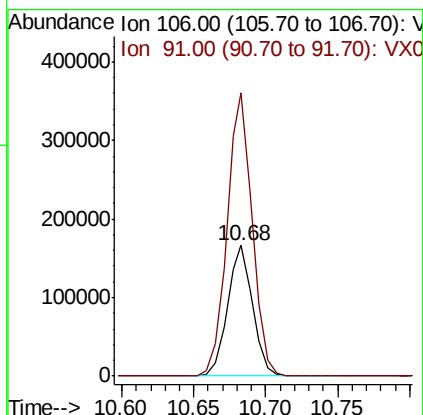
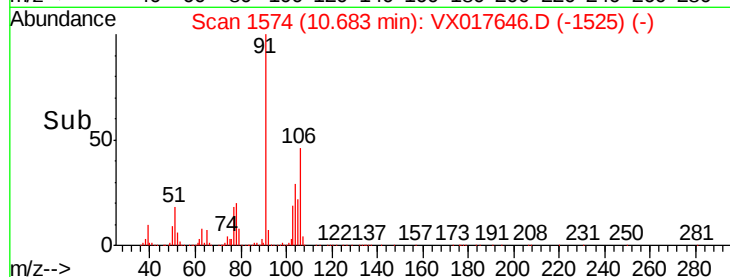
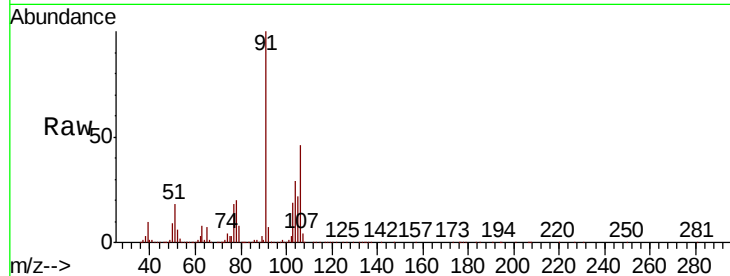




#69
o-Xylene
Concen: 17.645 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017646.D
Acq: 28 Jul 2020 12:20

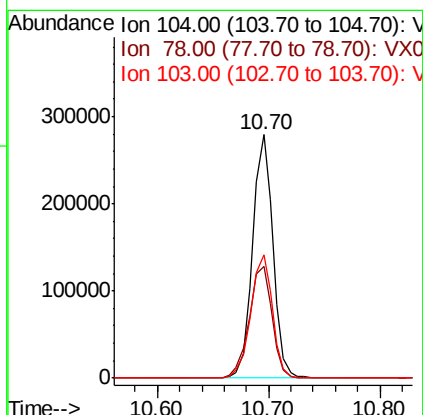
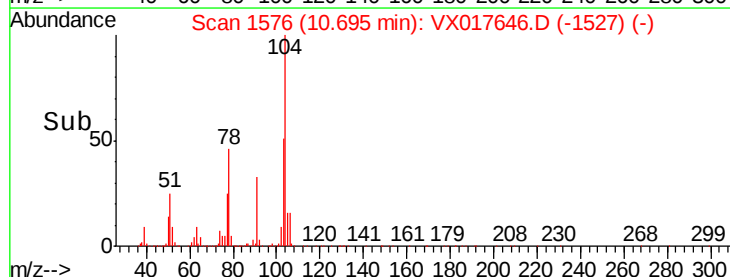
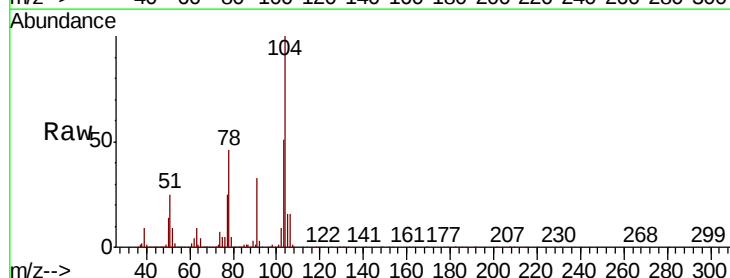
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 202923
Ion Ratio Lower Upper
106 100
91 217.6 108.2 324.6



#70
Styrene
Concen: 18.130 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017646.D
Acq: 28 Jul 2020 12:20

Tgt Ion:104 Resp: 354759
Ion Ratio Lower Upper
104 100
78 51.9 42.5 63.7
103 54.1 44.3 66.5





#71

Bromoform

Concen: 17.068 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

Instrument :

MSVOA_X

ClientSampleId :

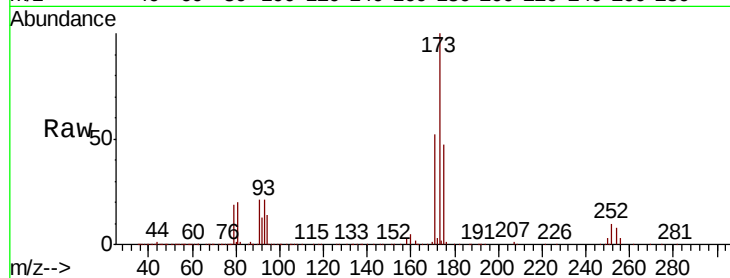
Tot Ion:173 Resp: 110352

Ion Ratio Lower Upper

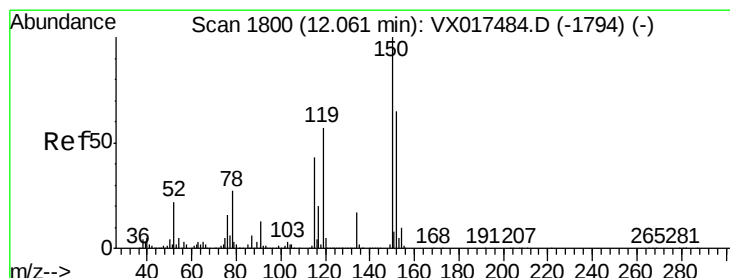
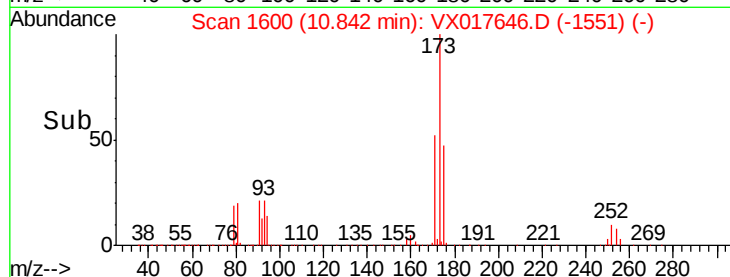
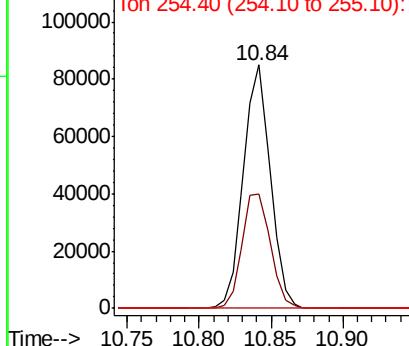
173 100

175 49.6 23.8 71.5

254 0.1 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: VX017646.D

Acq: 28 Jul 2020 12:20

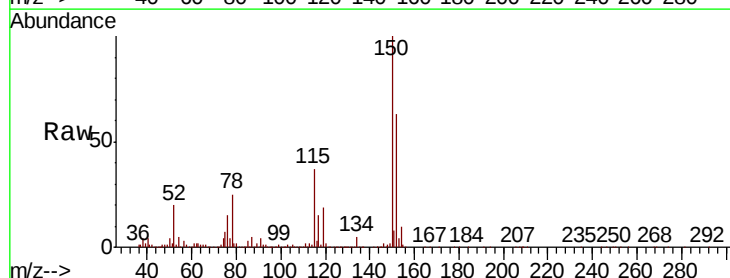
Tgt Ion:152 Resp: 458808

Ion Ratio Lower Upper

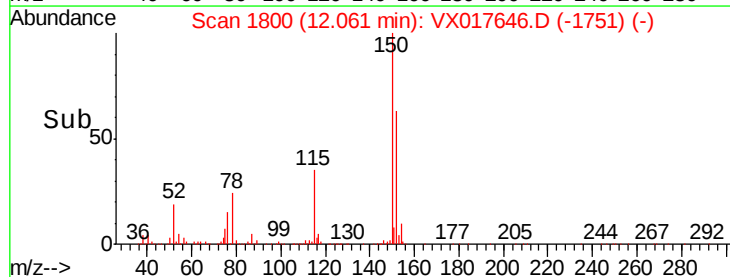
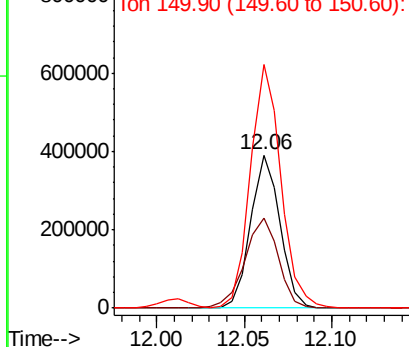
152 100

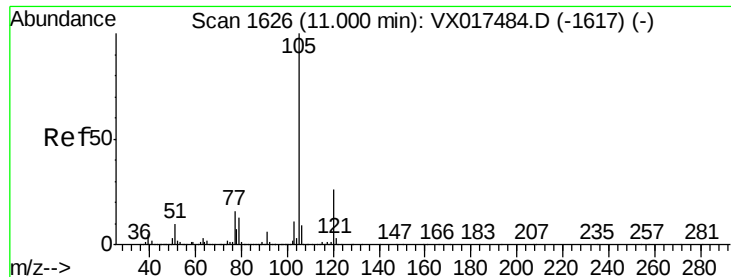
115 67.2 65.5 196.6

150 165.3 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: 18.013 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

Instrument :

MSVOA_X

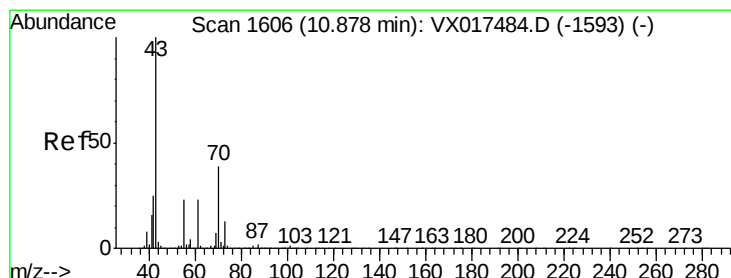
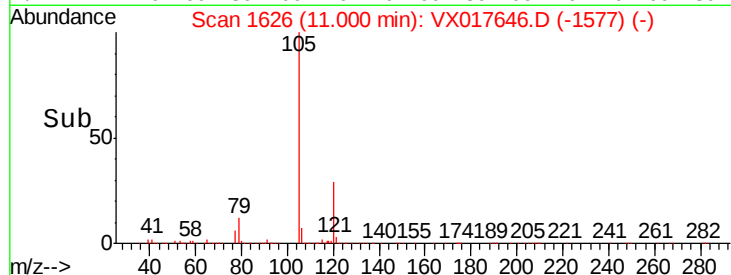
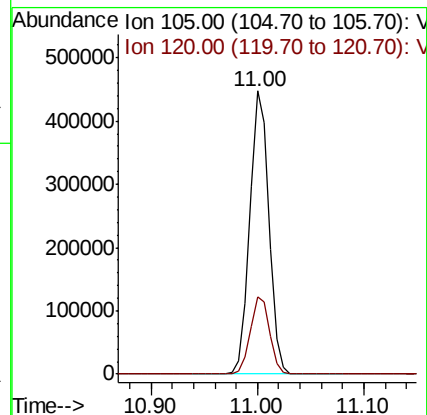
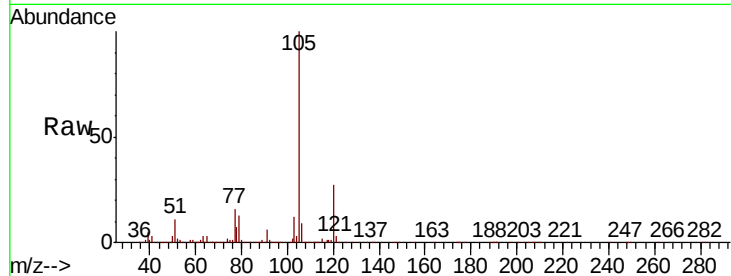
ClientSampleId :

Tot Ion: 105 Resp: 566948

Ion Ratio Lower Upper

105 100

120 27.5 13.3 39.8



#74

N-ethyl acetate

Concen: 16.833 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

Tgt Ion: 43 Resp: 235400

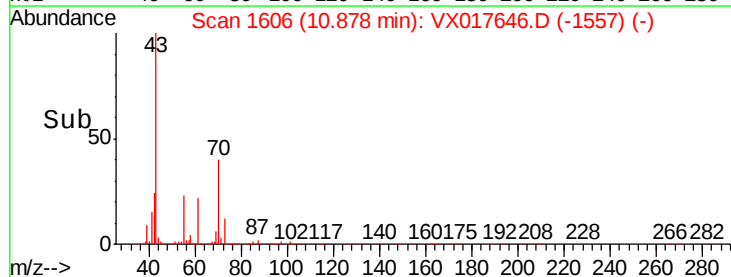
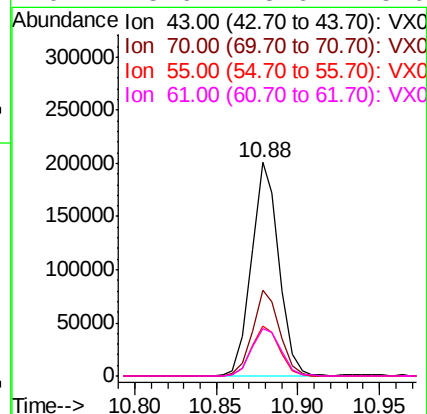
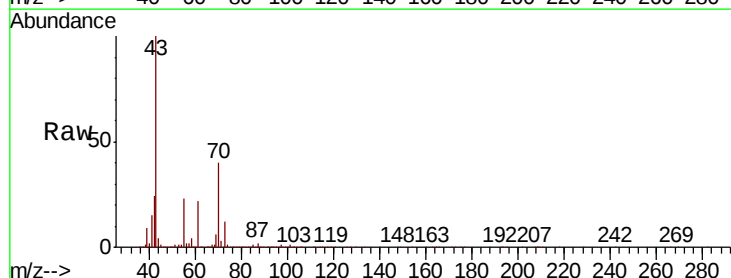
Ion Ratio Lower Upper

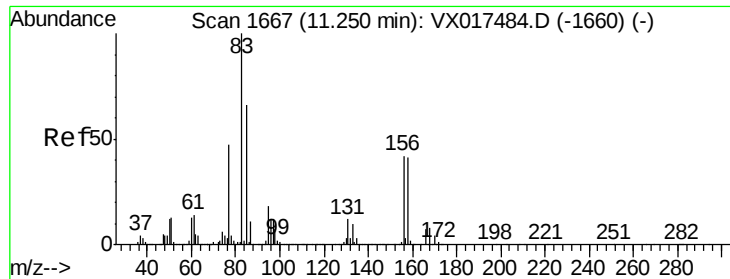
43 100

70 40.0 32.3 48.5

55 24.0 18.4 27.6

61 23.6 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 16.850 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

Instrument :

MSVOA_X

ClientSampleId :

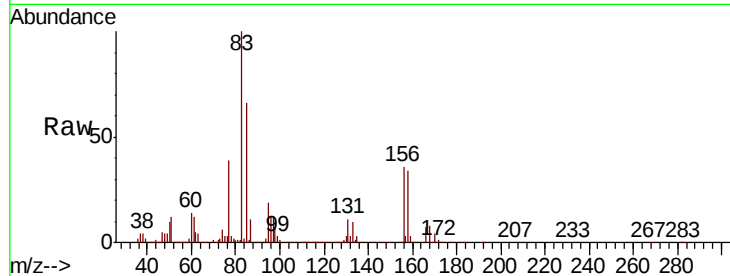
Tot Ion: 83 Resp: 165541

Ion Ratio Lower Upper

83 100

131 11.7 5.5 16.5

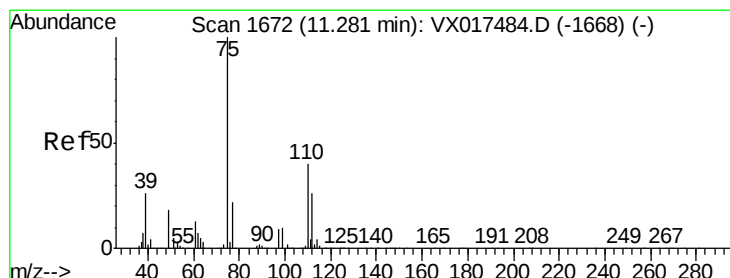
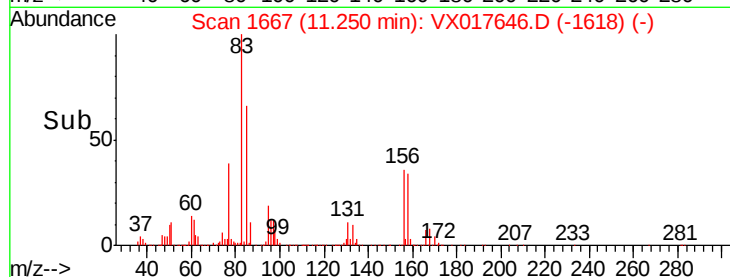
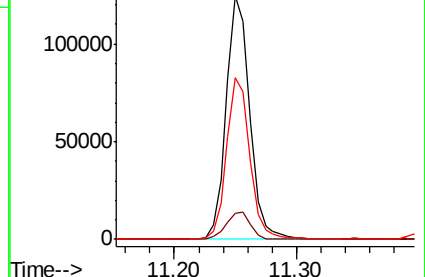
85 66.0 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.433 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017646.D

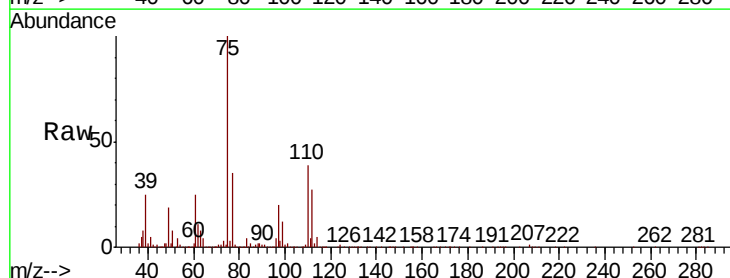
Acq: 28 Jul 2020 12:20

Tgt Ion: 75 Resp: 211718

Ion Ratio Lower Upper

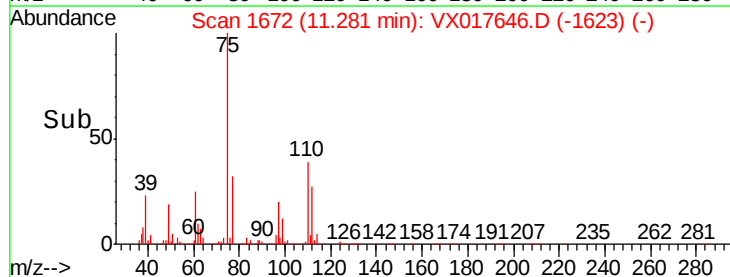
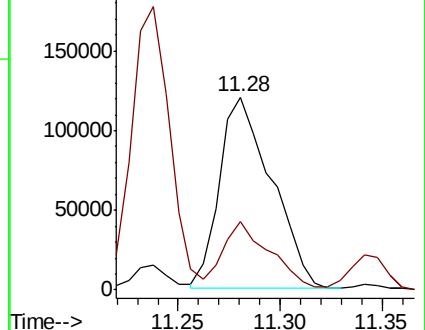
75 100

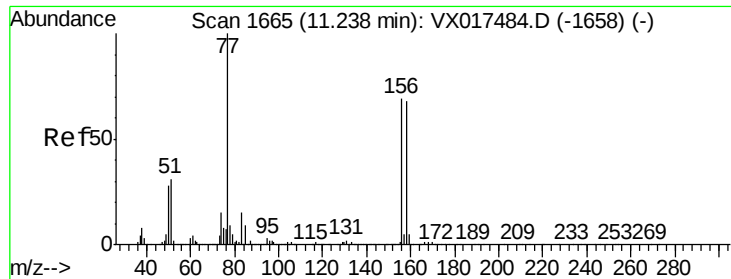
77 32.3 21.8 65.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.566 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

Instrument :

MSVOA_X

ClientSampleId :

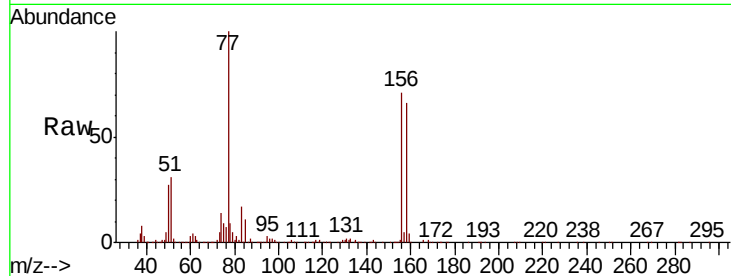
Tot Ion:156 Resp: 154784

Ion Ratio Lower Upper

156 100

77 150.9 75.0 225.0

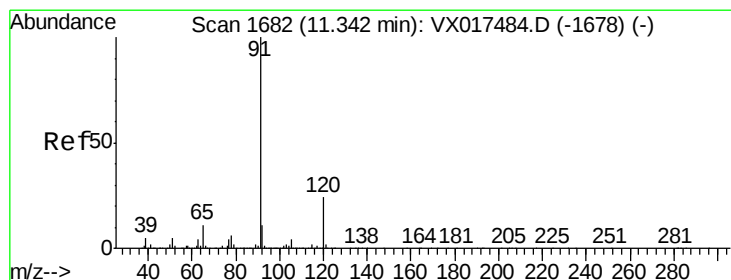
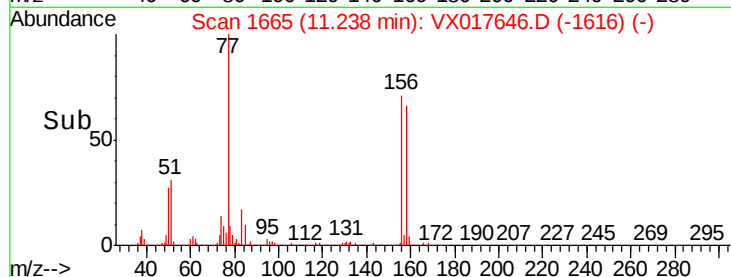
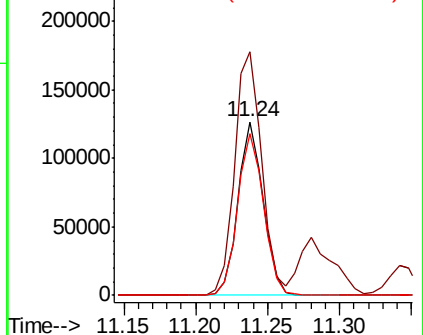
158 95.9 49.1 147.3



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: 17.971 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017646.D

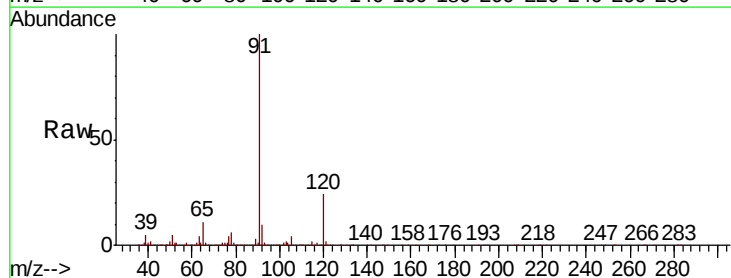
Acq: 28 Jul 2020 12:20

Tgt Ion: 91 Resp: 637964

Ion Ratio Lower Upper

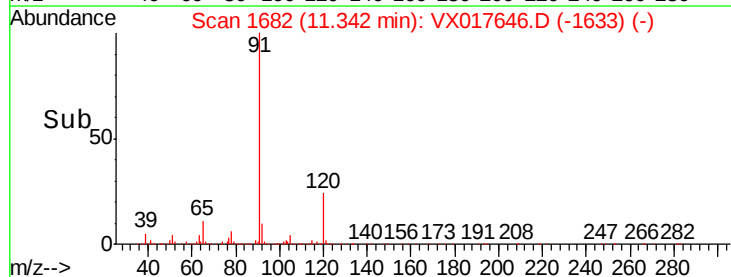
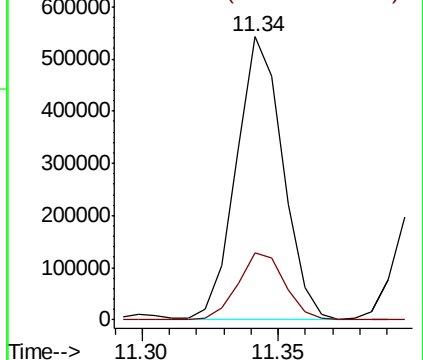
91 100

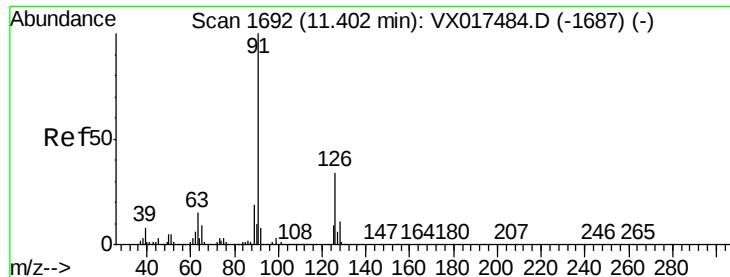
120 24.1 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.788 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

Instrument :

MSVOA_X

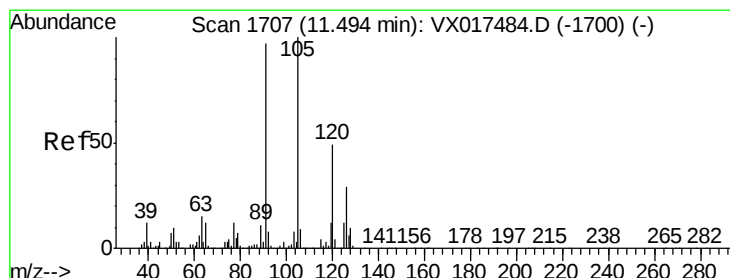
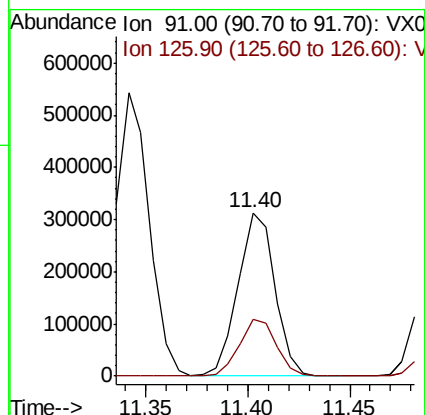
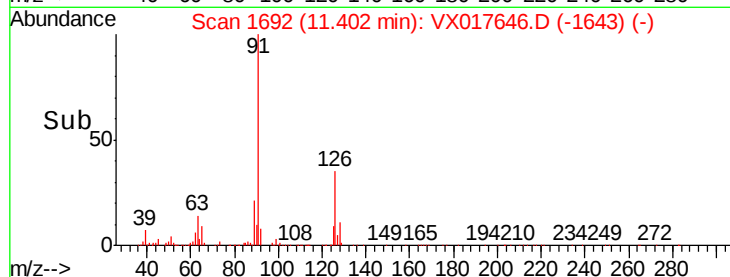
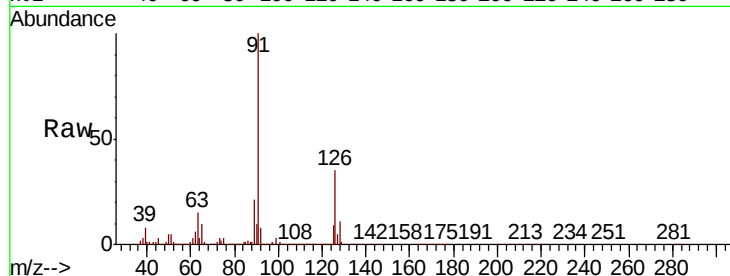
ClientSampleId :

Tot Ion: 91 Resp: 391158

Ion Ratio Lower Upper

91 100

126 35.4 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 18.110 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017646.D

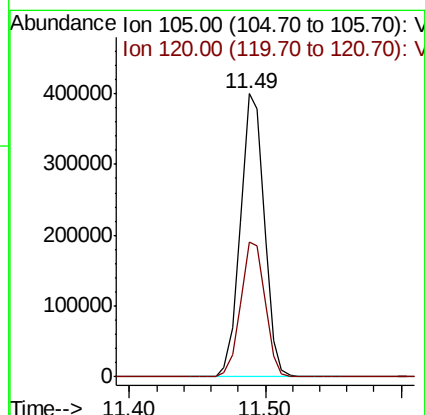
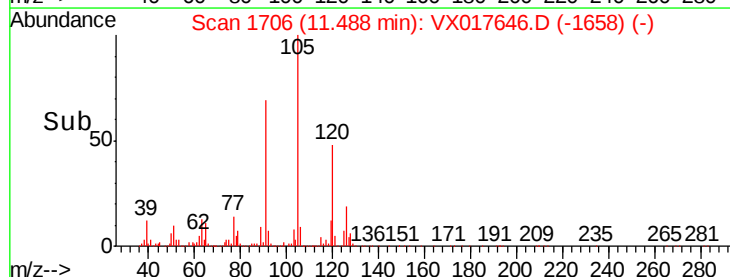
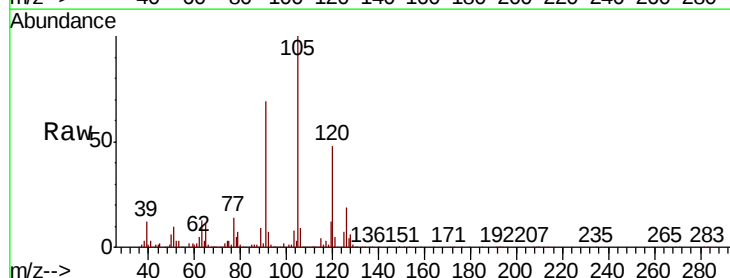
Acq: 28 Jul 2020 12:20

Tgt Ion: 105 Resp: 486682

Ion Ratio Lower Upper

105 100

120 49.0 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 16.334 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

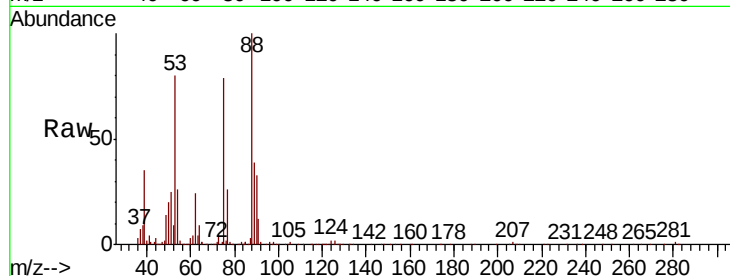
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 61180

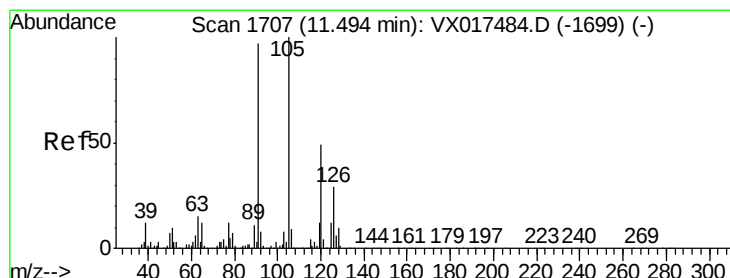
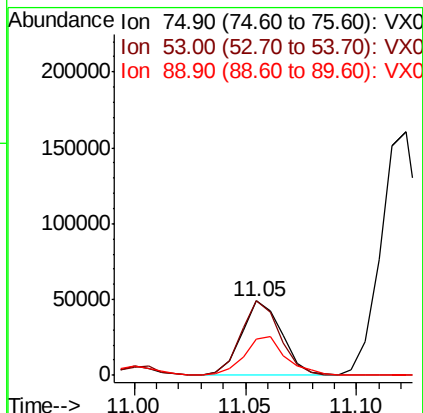
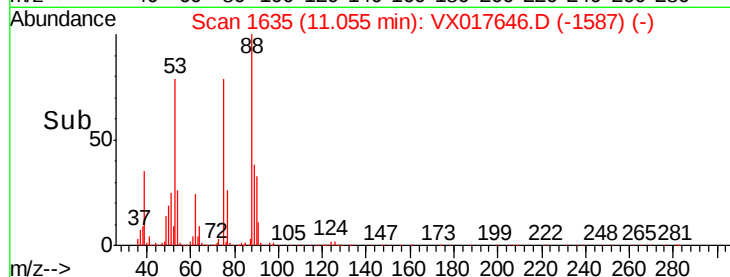
Ion	Ratio	Lower	Upper
75	100		
53	97.7	75.9	113.9
89	55.7	37.8	56.6



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: 17.924 ug/l

RT: 11.49 min Scan# 1707

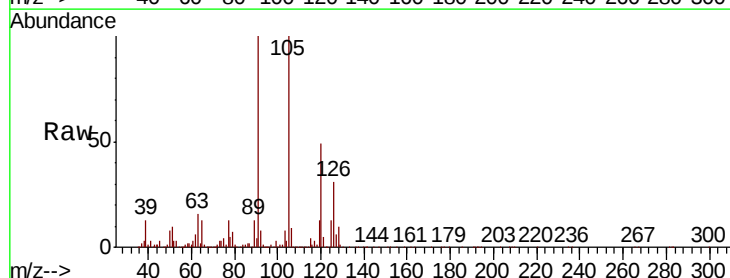
Delta R.T. -0.00 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

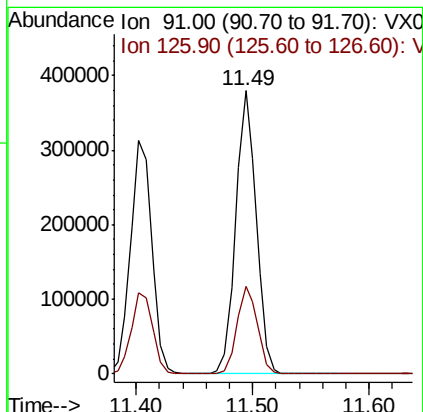
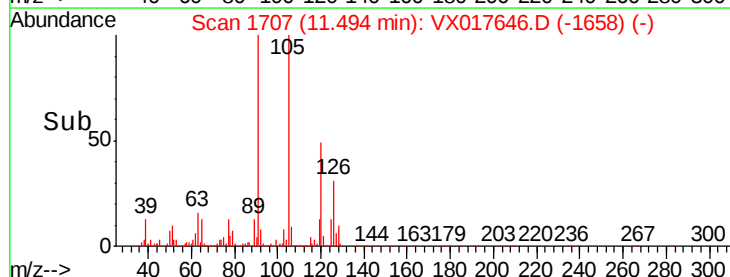
Tgt Ion: 91 Resp: 464935

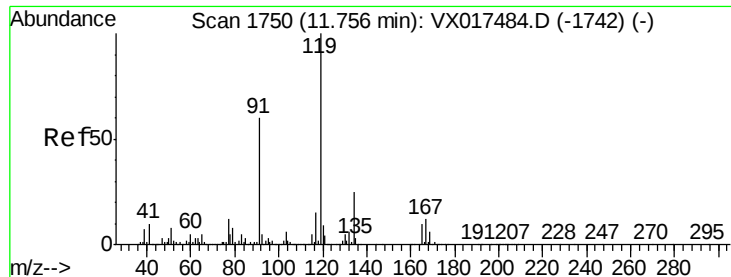
Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.2	45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 17.821 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

Instrument :

MSVOA_X

ClientSampled :

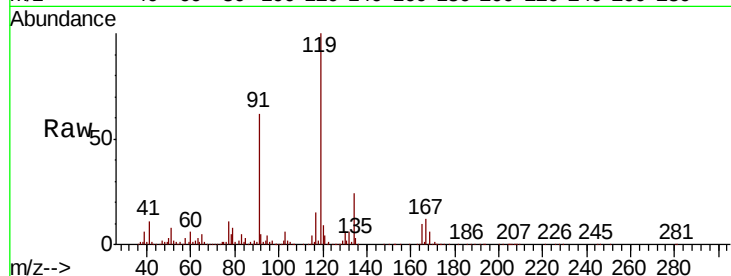
Tot Ion:119 Resp: 458268

Ion Ratio Lower Upper

119 100

91 60.3 29.3 88.0

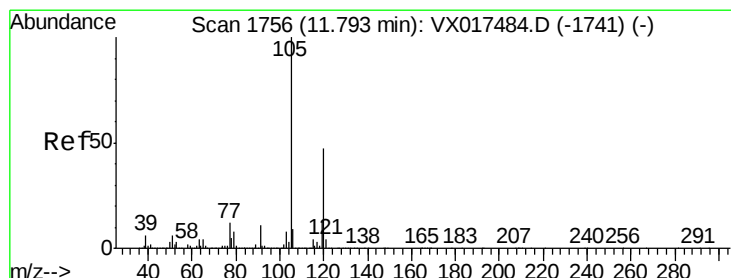
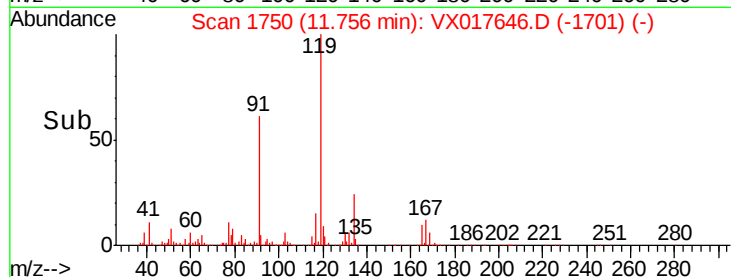
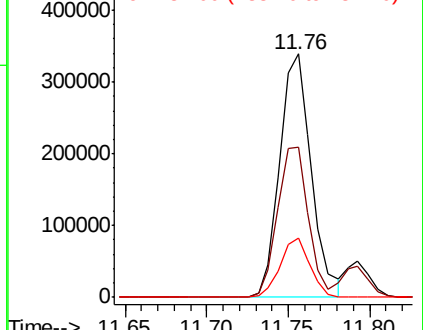
134 23.0 11.2 33.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.409 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017646.D

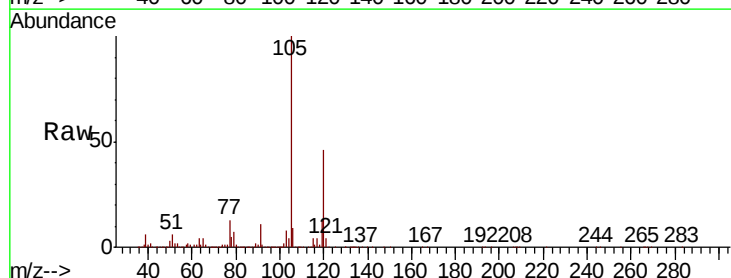
Acq: 28 Jul 2020 12:20

Tgt Ion:105 Resp: 492051

Ion Ratio Lower Upper

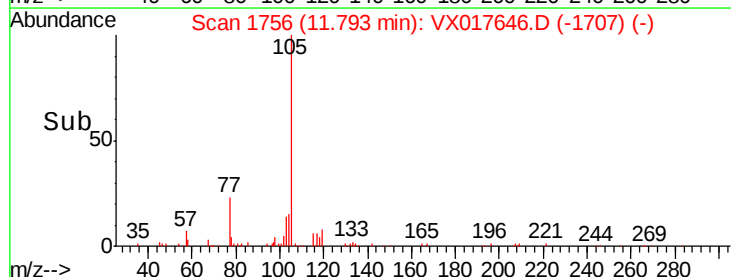
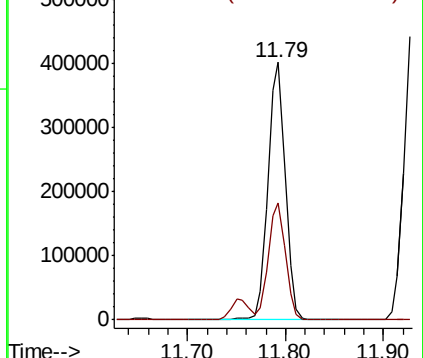
105 100

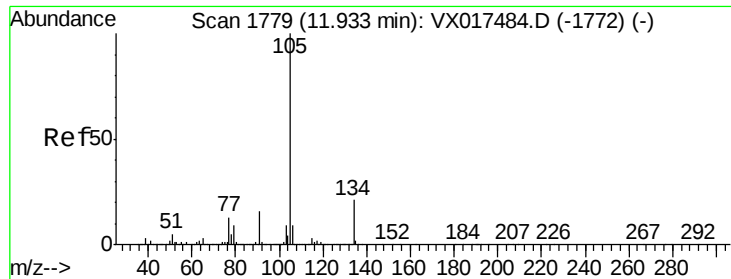
120 44.9 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.620 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

Instrument :

MSVOA_X

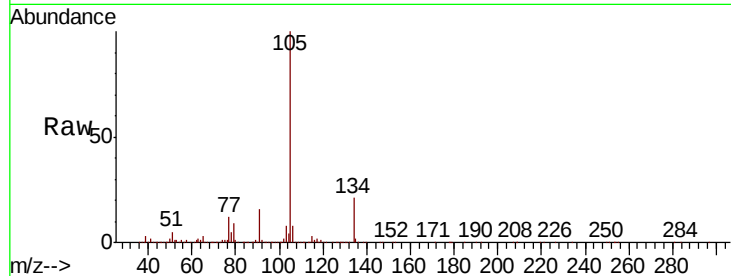
ClientSampleId :

Tot Ion:105 Resp: 557772

Ion Ratio Lower Upper

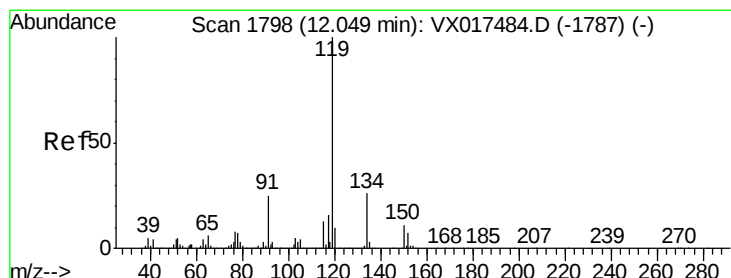
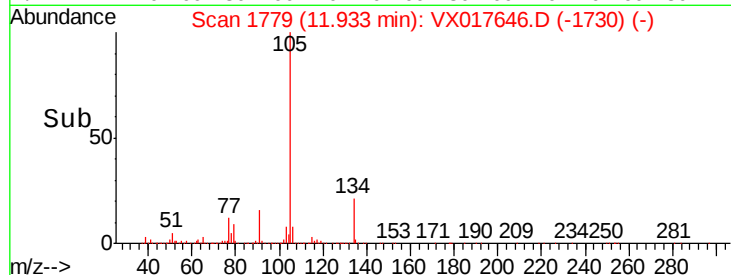
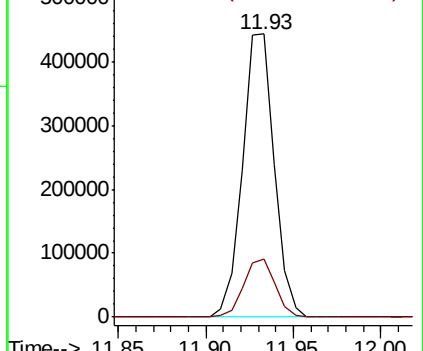
105 100

134 20.4 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: 18.527 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

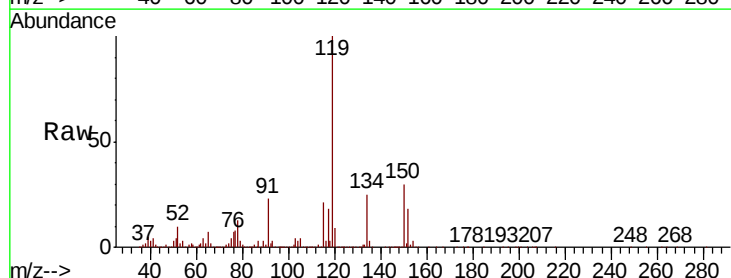
Tgt Ion:119 Resp: 528501

Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.3

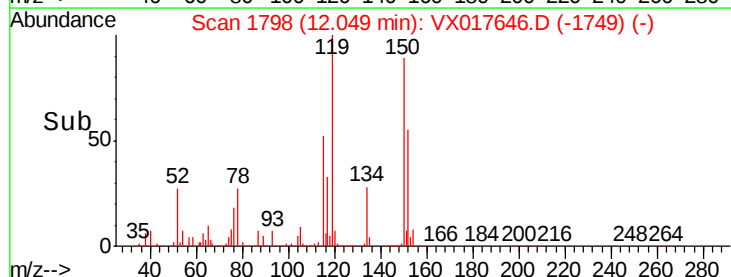
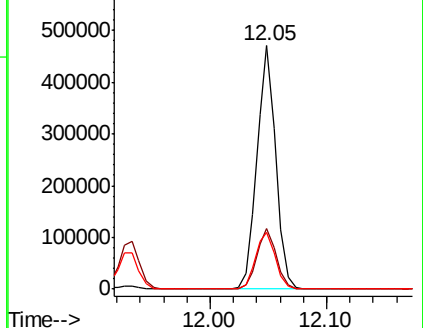
91 24.7 12.1 36.3

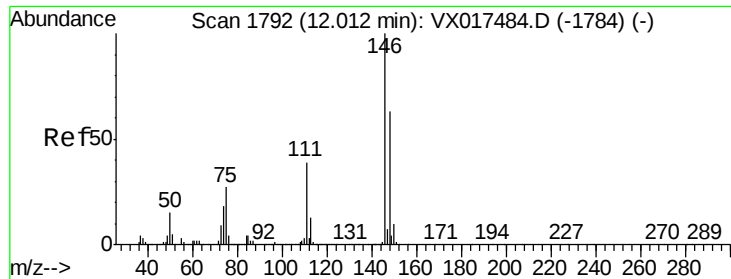


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

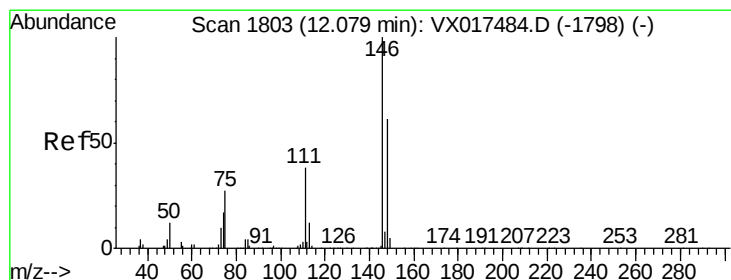
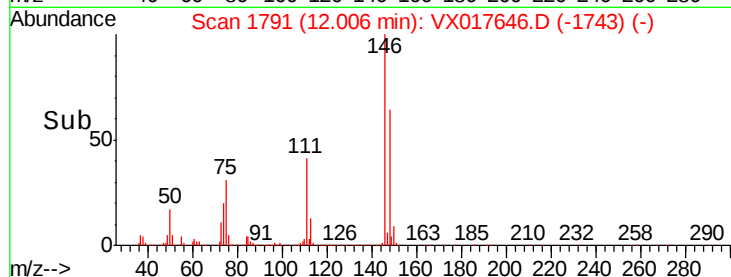
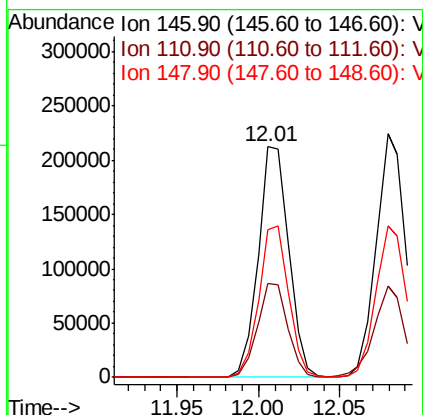
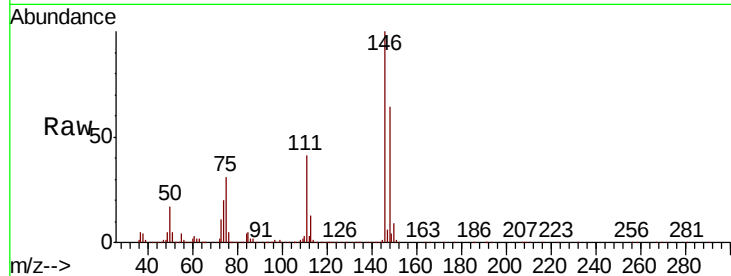




#87
 1,3-Dichlorobenzene
 Concen: 18.301 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX017646.D
 Acq: 28 Jul 2020 12:20

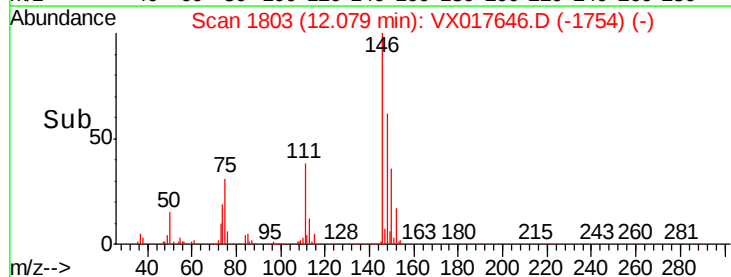
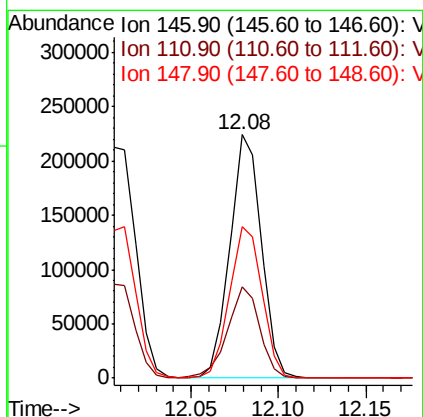
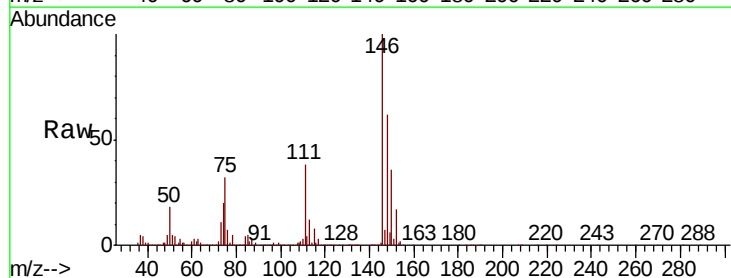
Instrument :
 MSVOA_X
 ClientSampled :

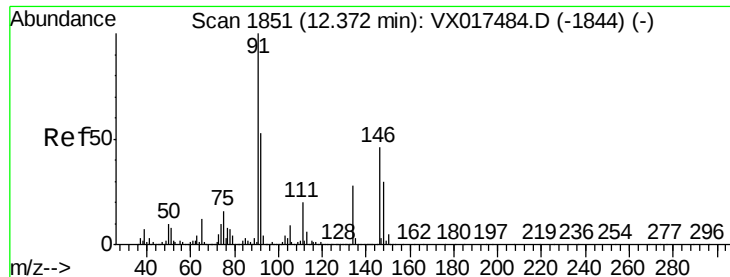
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.9	59.7
148	64.2	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 17.886 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017646.D
 Acq: 28 Jul 2020 12:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.8
148	64.5	32.2	96.6

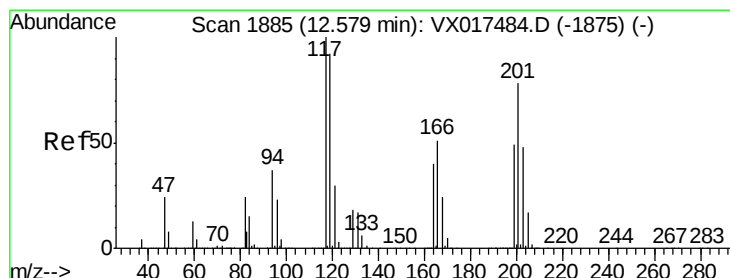
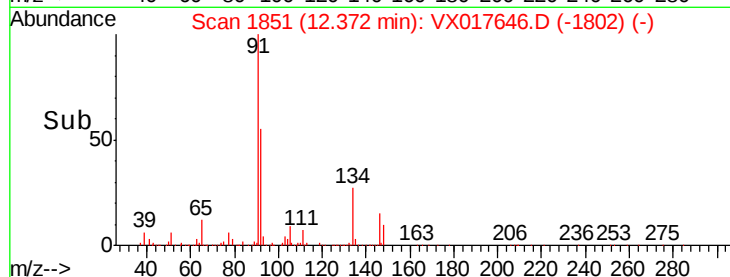
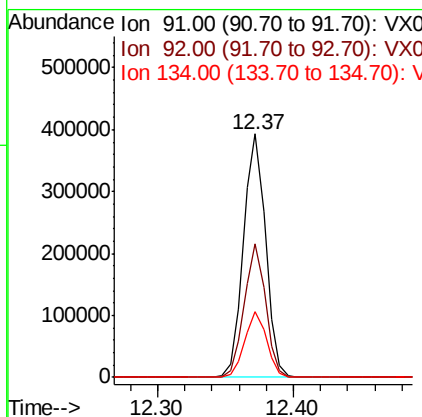
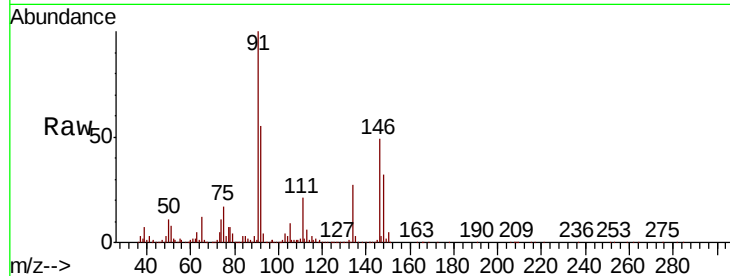




#89
n-Butylbenzene
Concen: 17.531 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017646.D
Acq: 28 Jul 2020 12:20

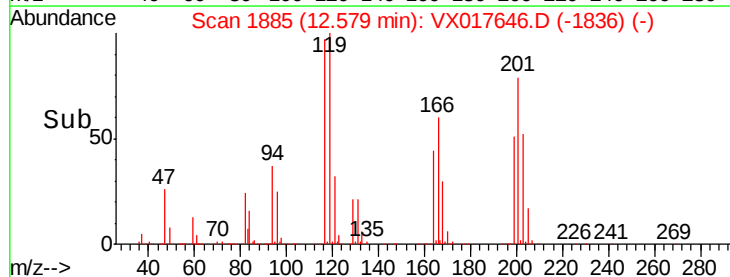
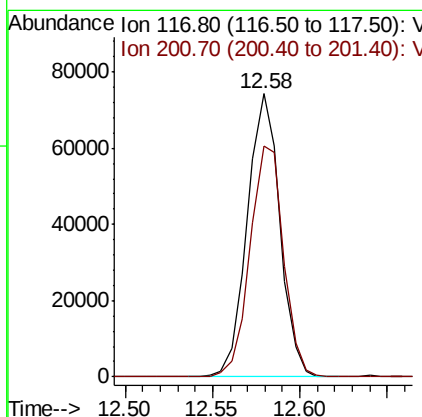
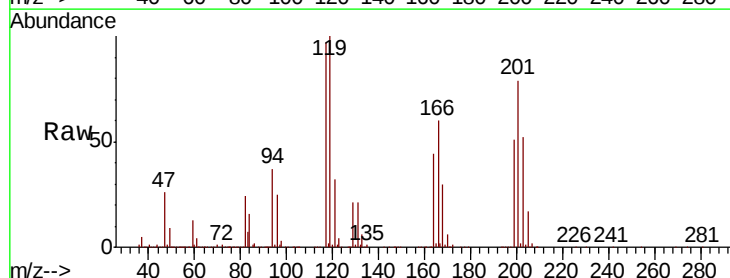
Instrument :
MSVOA_X
ClientSampled :

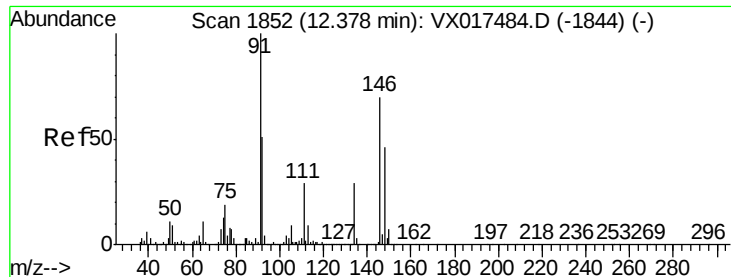
Tot Ion: 91 Resp: 445629
Ion Ratio Lower Upper
91 100
92 53.0 26.7 80.1
134 26.8 13.6 40.7



#90
Hexachloroethane
Concen: 17.147 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017646.D
Acq: 28 Jul 2020 12:20

Tgt Ion: 117 Resp: 96434
Ion Ratio Lower Upper
117 100
201 83.8 42.2 126.6





#91

1,2-Dichlorobenzene

Concen: 17.538 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017646.D

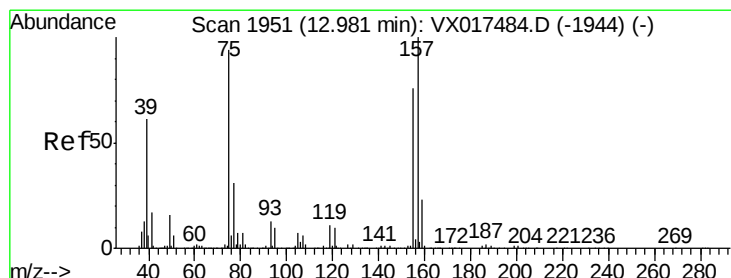
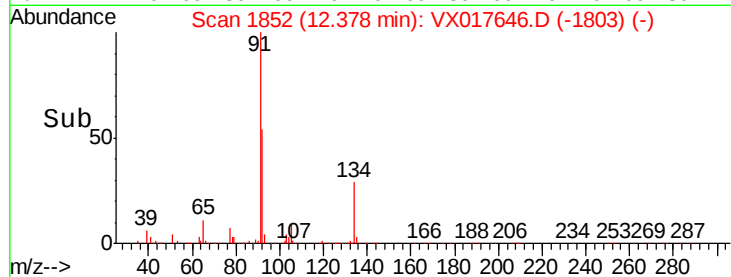
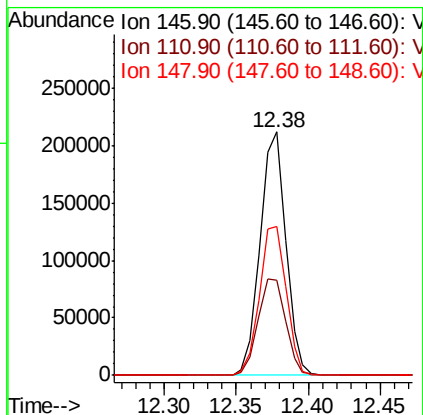
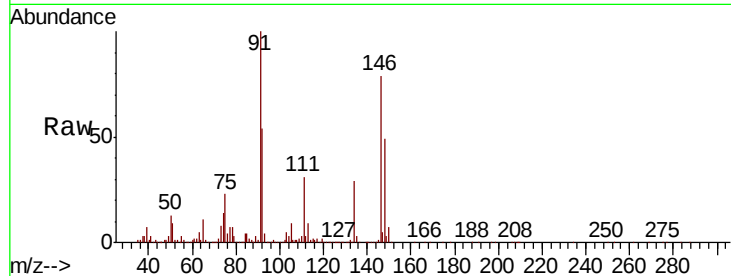
Acq: 28 Jul 2020 12:20

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	146	Resp:	260821
Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.9	62.8
148	63.8	32.8	98.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.709 ug/l

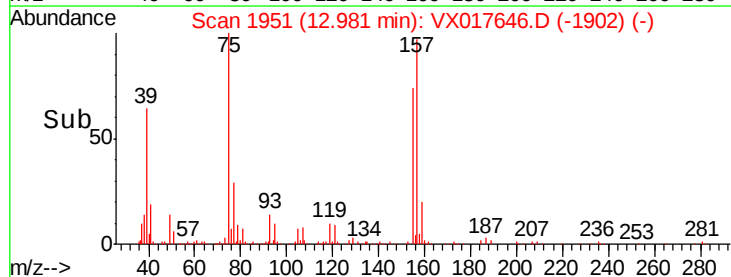
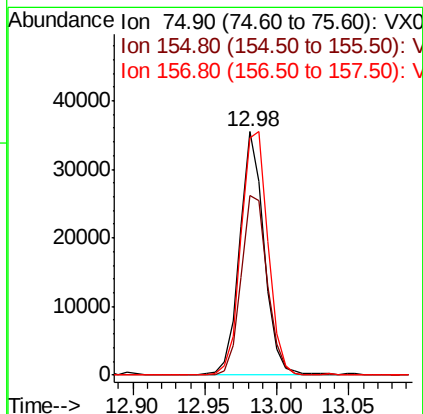
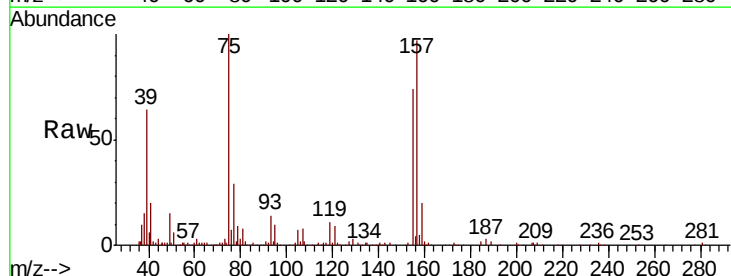
RT: 12.98 min Scan# 1951

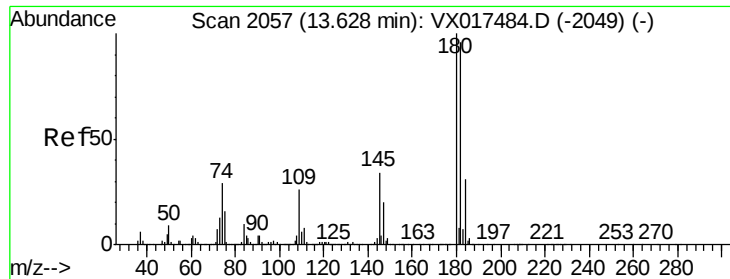
Delta R.T. 0.00 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

Tgt Ion:	75	Resp:	41399
Ion	Ratio	Lower	Upper
75	100		
155	79.9	42.3	126.8
157	110.5	54.3	162.9





#93

1,2,4-Trichlorobenzene

Concen: 17.827 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

Instrument :

MSVOA_X

ClientSampleId :

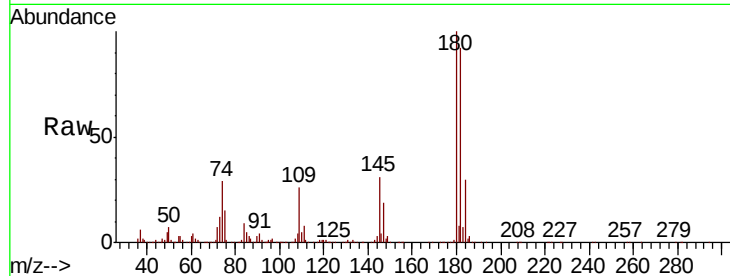
Tot Ion:180 Resp: 180944

Ion Ratio Lower Upper

180 100

182 95.6 47.5 142.6

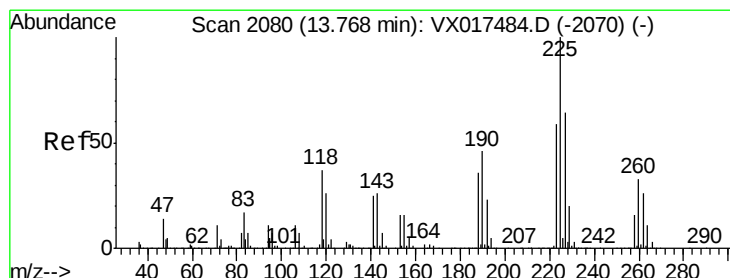
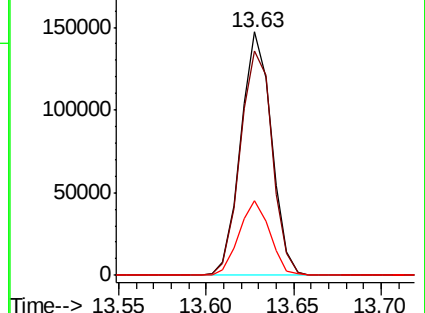
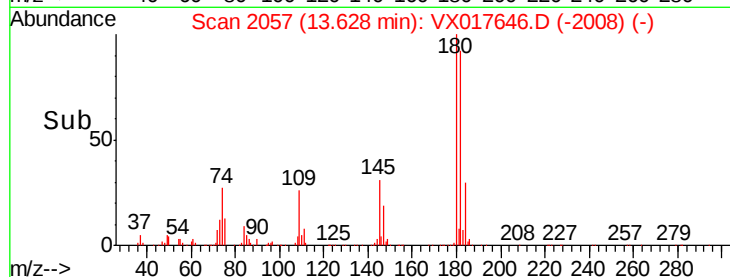
145 30.7 15.4 46.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 16.846 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX017646.D

Acq: 28 Jul 2020 12:20

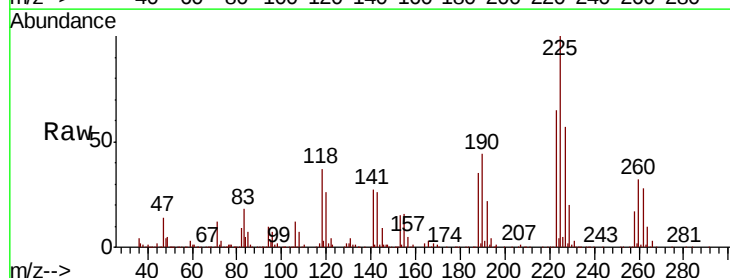
Tgt Ion:225 Resp: 78706

Ion Ratio Lower Upper

225 100

223 63.1 30.3 90.9

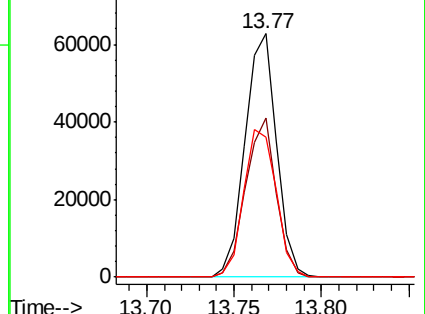
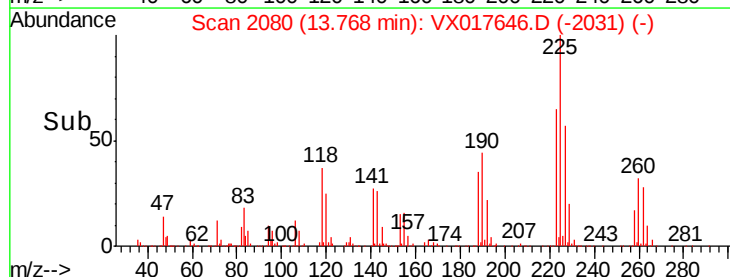
227 62.5 31.1 93.2

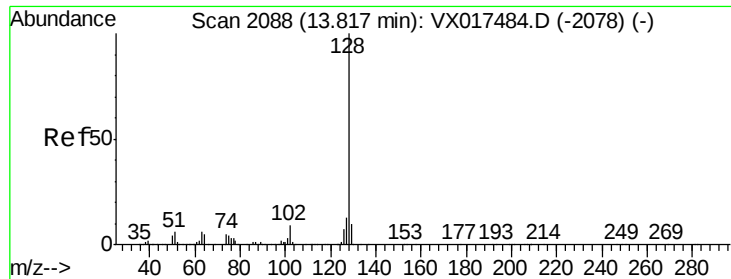


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

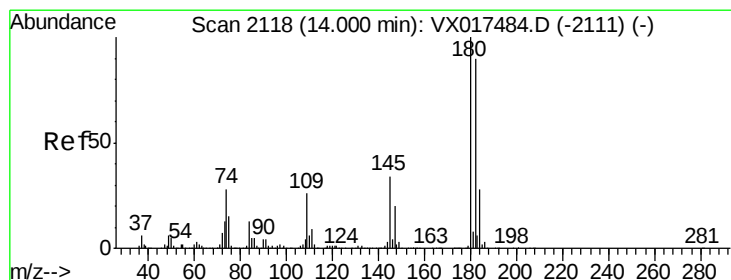
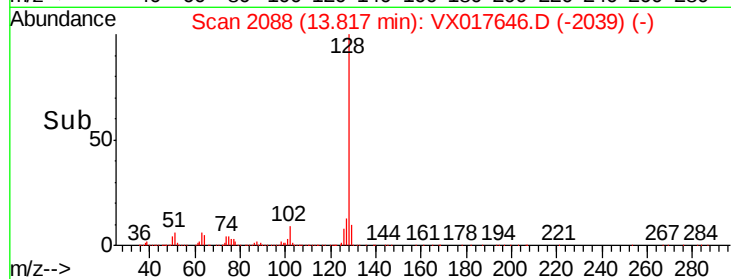
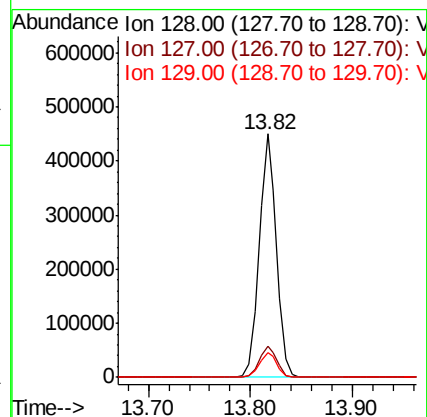
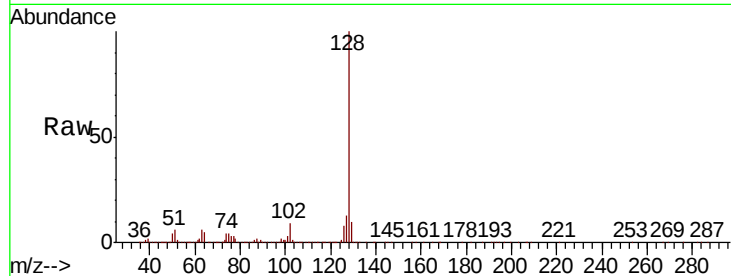




#95
Naphthalene
Concen: 17.561 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017646.D
Acq: 28 Jul 2020 12:20

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.3	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 18.193 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX017646.D
Acq: 28 Jul 2020 12:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.4	142.3
145	31.9	16.3	48.9

