Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121720\
Data File : VX020076.D
Acq On : 16 Dec 2020 19:27
Operator : JC/MD
Sample : L5040-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-2

Quant Time: Dec 17 00:32:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	293180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	487249	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	453566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	194501	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	191506	49.70	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 99.40%			
35) Dibromofluoromethane	5.46	113	152749	48.51	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.02%			
50) Toluene-d8	8.70	98	597460	49.70	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.40%			
62) 4-Bromofluorobenzene	11.12	95	209567	45.80	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.43	85	2023	0.754	ug/l	99
3) Chloromethane	1.31	50	872	0.276	ug/l	95
4) Vinyl Chloride	1.39	62	20426	6.137	ug/l	98
5) Bromomethane	1.64	94	531	0.480	ug/l	82
6) Chloroethane	1.71	64	783	0.392	ug/l #	75
11) Tert butyl alcohol	3.01	59	990	Below Cal	#	73
12) 1,1-Dichloroethene	2.36	96	133108	49.553	ug/l	95
13) Acrolein	2.25	56	132	0.310	ug/l #	1
16) Acetone	2.42	43	5003	3.454	ug/l	97
18) Methyl Acetate	2.75	43	799	0.225	ug/l #	68
20) Methylene Chloride	2.84	84	1171	Below Cal		88
24) 1,1-Dichloroethane	3.67	63	71553	12.936	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	29299	7.995	ug/l	92
29) Tetrahydrofuran	5.10	42	395	0.275	ug/l #	35
36) 1,1-Dichloropropene	5.63	75	22784	5.175	ug/l #	48
38) Carbon Tetrachloride	5.63	117	28886	6.700	ug/l #	16
39) Methylcyclohexane	7.43	83	1546	0.299	ug/l #	83
40) Benzene	6.10	78	6707	0.499	ug/l	98
42) 1,2-Dichloroethane	6.17	62	11271	2.453	ug/l	99
44) Trichloroethene	7.19	130	2853	0.808	ug/l	90
48) Methyl methacrylate	7.71	41	901	0.253	ug/l #	38
49) 1,4-Dioxane	7.71	88	43434	504.413	ug/l	97
76) 1,2,3-Trichloropropane	11.12	75	102279	23.446	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.12	75	102279	67.778	ug/l #	17
86) p-Isopropyltoluene	12.21	119	2355	0.205	ug/l	91

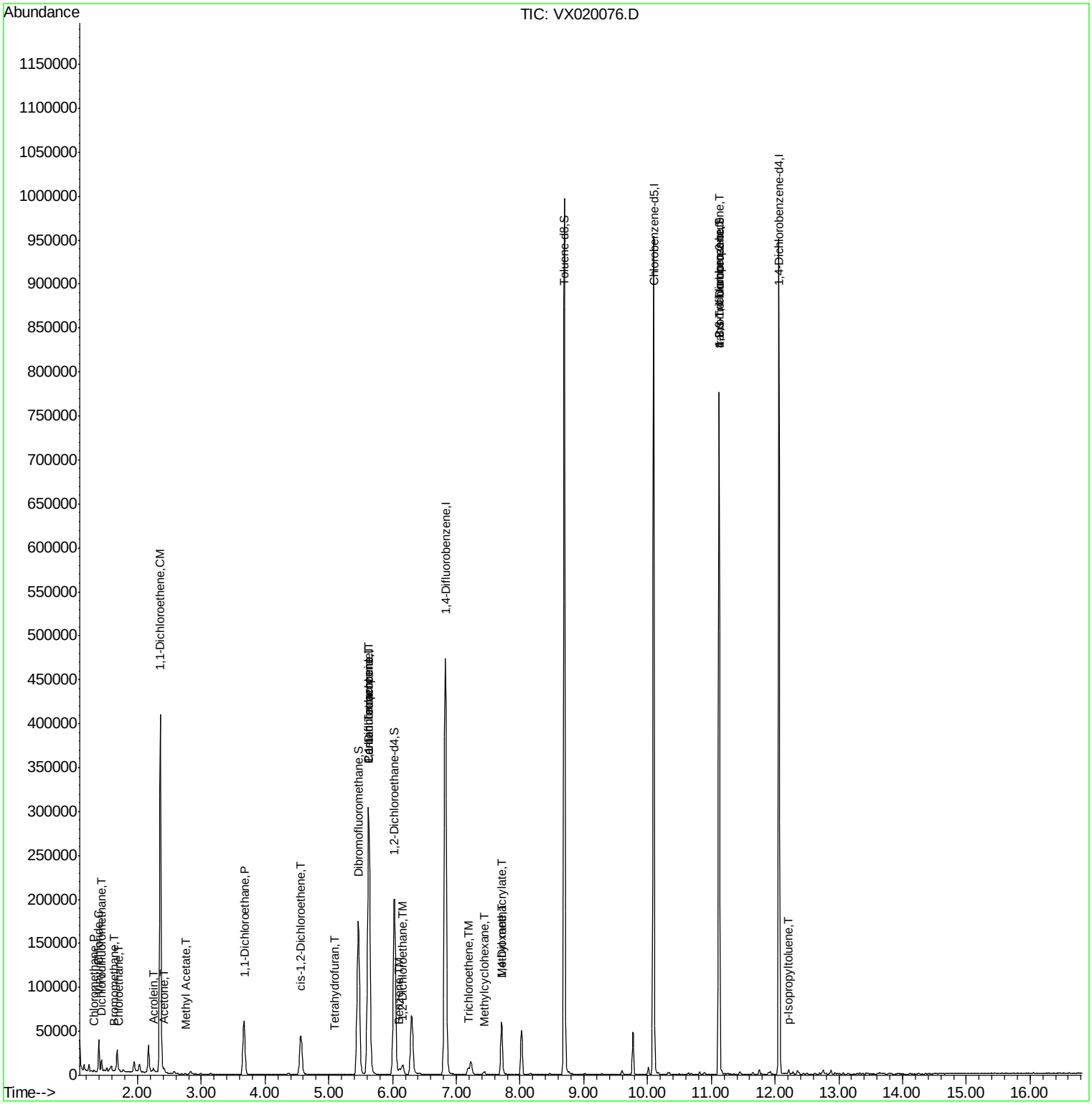
(#) = qualifier out of range (m) = manual integration (+) = signals summed

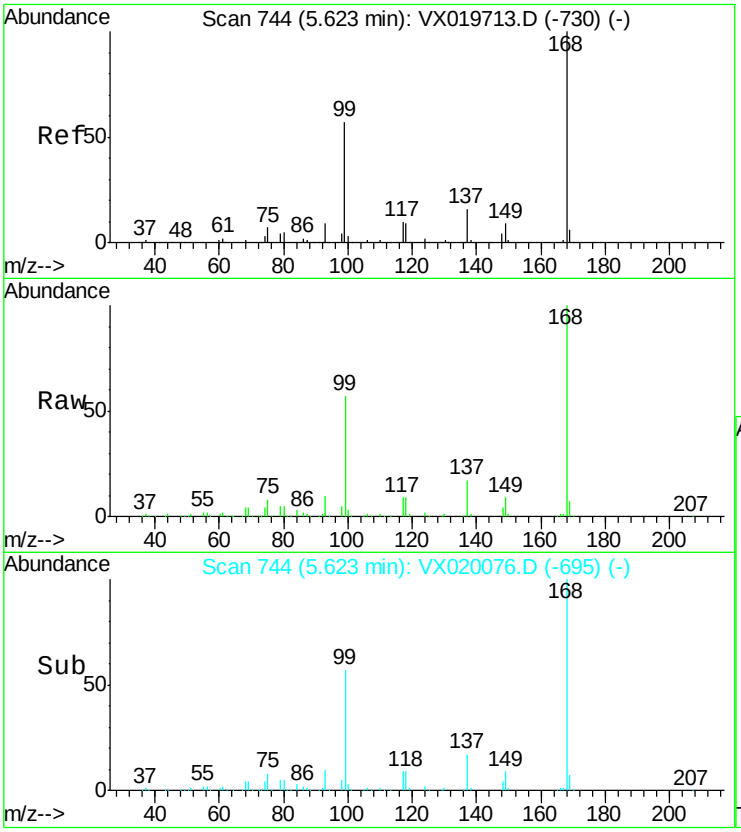
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121720\
Data File : VX020076.D
Acq On : 16 Dec 2020 19:27
Operator : JC/MD
Sample : L5040-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Quant Time: Dec 17 00:32:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration



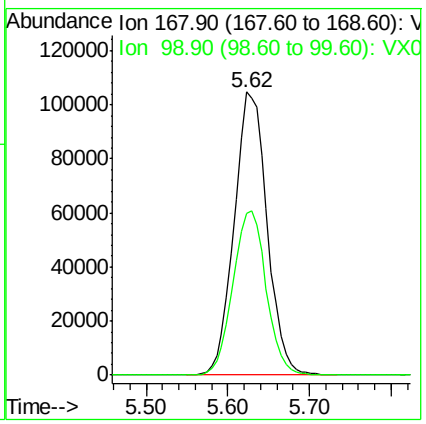


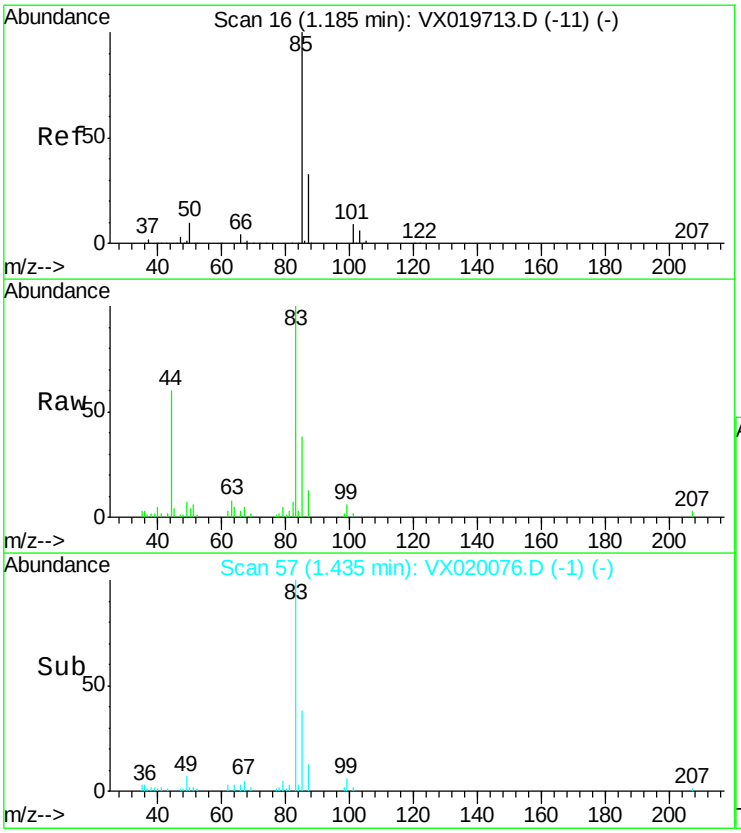
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.00 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion:168 Resp: 293180

Ion	Ratio	Lower	Upper
168	100		
99	57.1	45.8	68.6

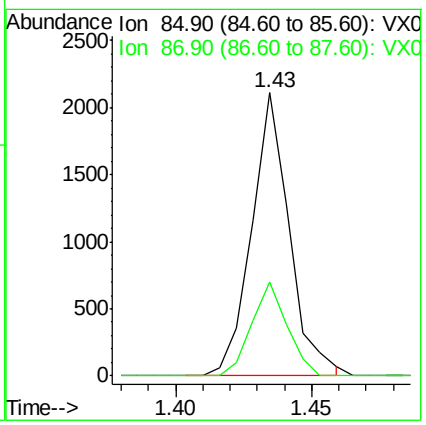


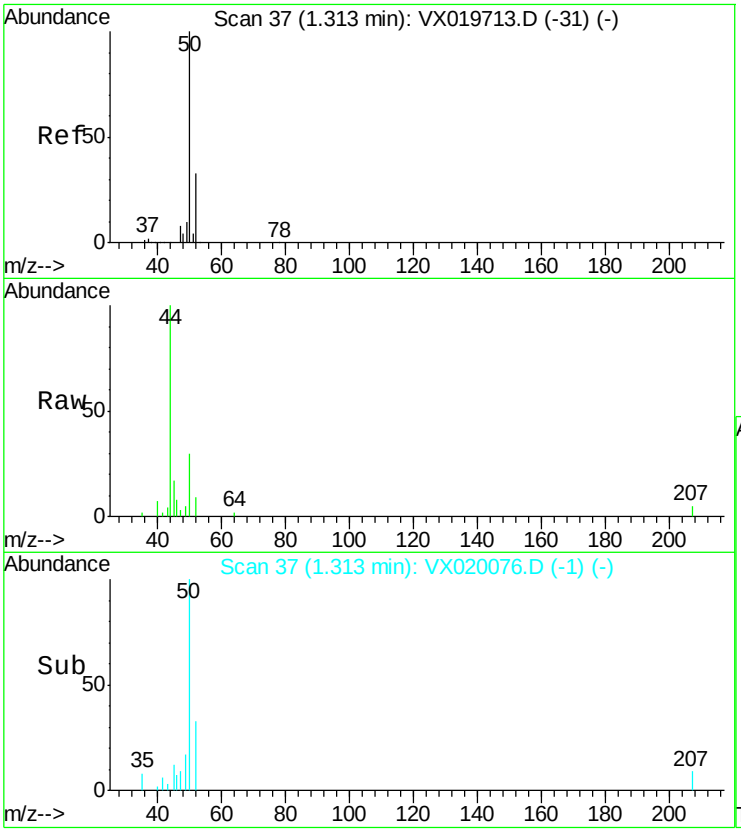


#2
Dichlorodifluoromethane
Concen: 0.754 ug/l
RT: 1.43 min Scan# 57
Delta R.T. 0.25 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

Tgt Ion: 85 Resp: 2023

Ion	Ratio	Lower	Upper
85	100		
87	33.1	16.4	49.2



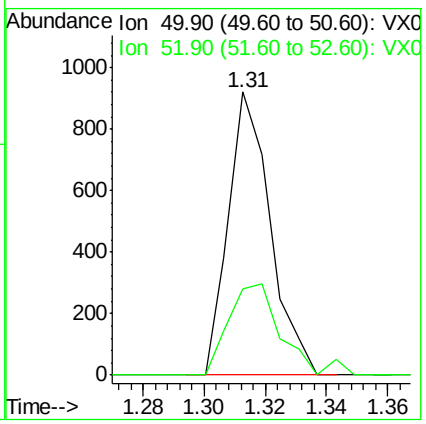


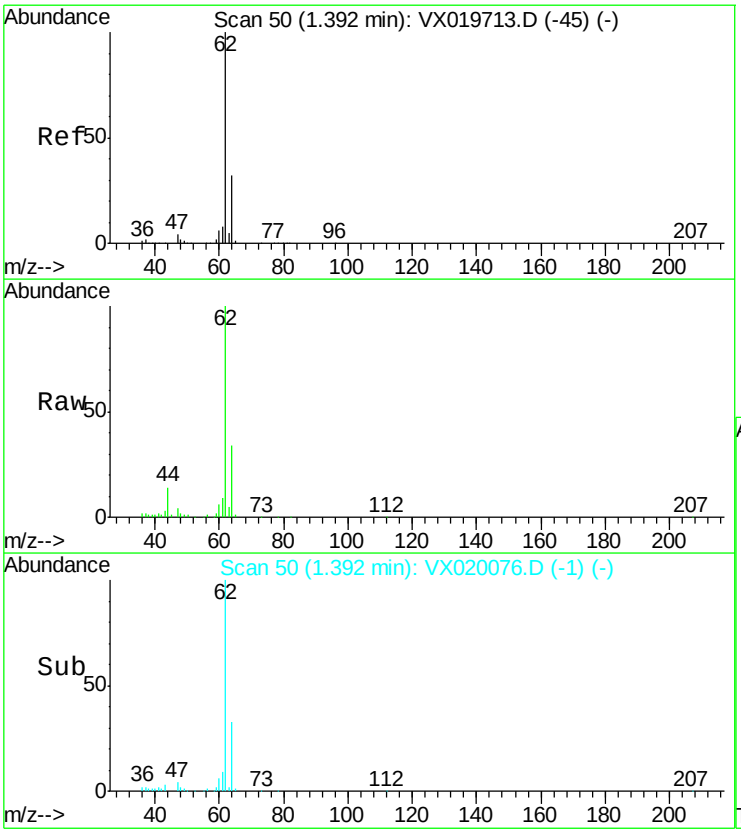
#3
Chloromethane
Concen: 0.276 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 50 Resp: 872

Ion	Ratio	Lower	Upper
50	100		
52	30.4	26.4	39.6

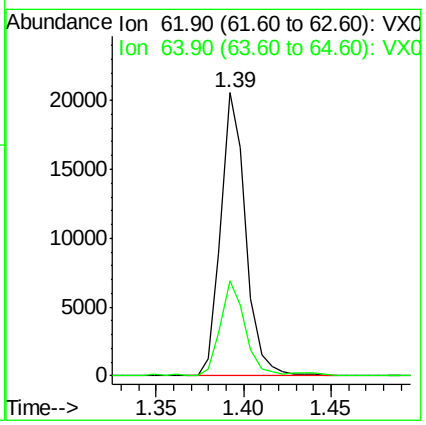


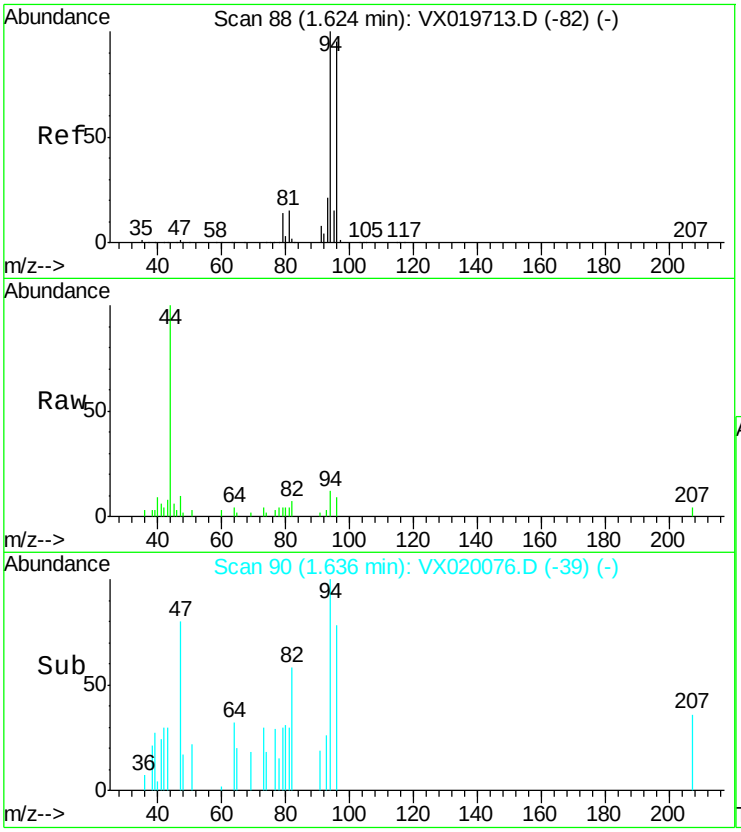


#4
Vinyl Chloride
Concen: 6.137 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

Tgt Ion: 62 Resp: 20426

Ion	Ratio	Lower	Upper
62	100		
64	33.3	25.7	38.5



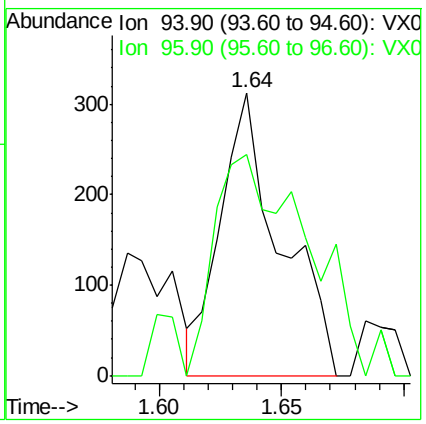


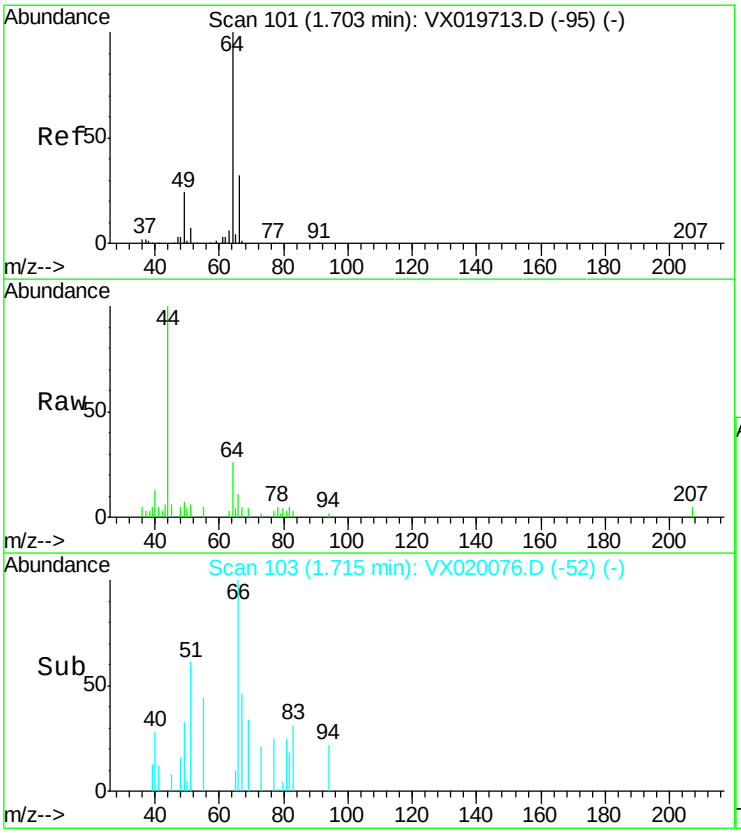
#5
Bromomethane
Concen: 0.480 ug/l
RT: 1.64 min Scan# 90
Delta R.T. 0.01 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 94 Resp: 531

Ion	Ratio	Lower	Upper
94	100		
96	78.0	76.4	114.6

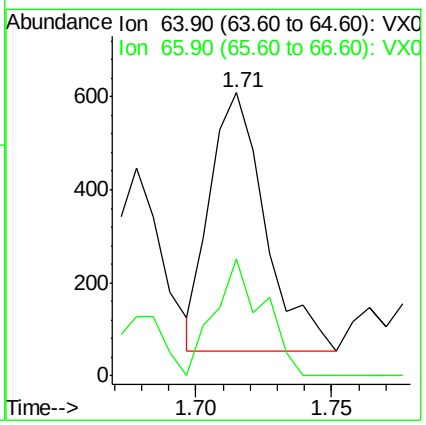


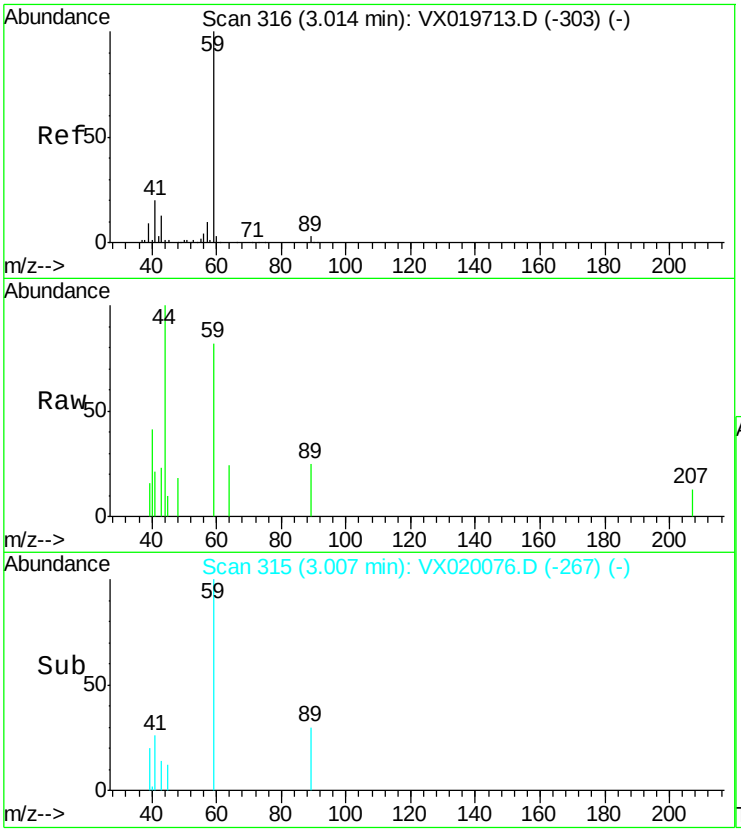


#6
Chloroethane
Concen: 0.392 ug/l
RT: 1.71 min Scan# 103
Delta R.T. 0.01 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

Tgt Ion: 64 Resp: 783

Ion	Ratio	Lower	Upper
64	100		
66	45.3	25.4	38.0#



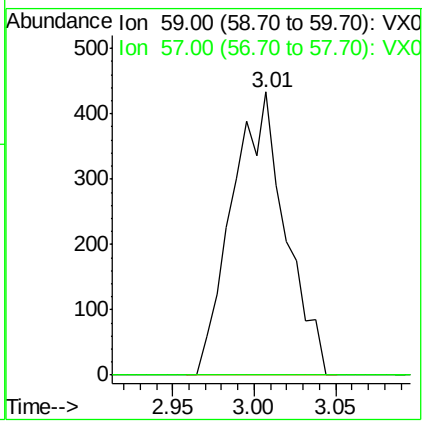


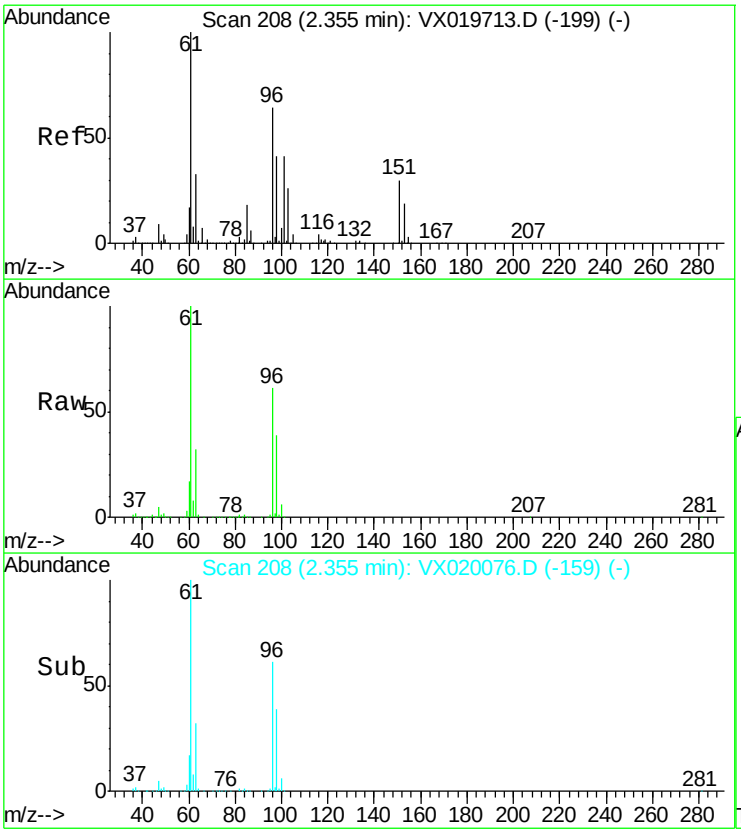
#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 59 Resp: 990

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

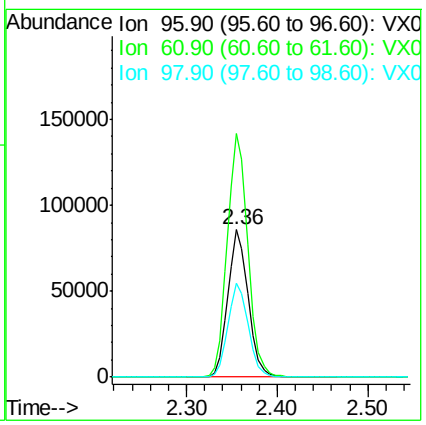


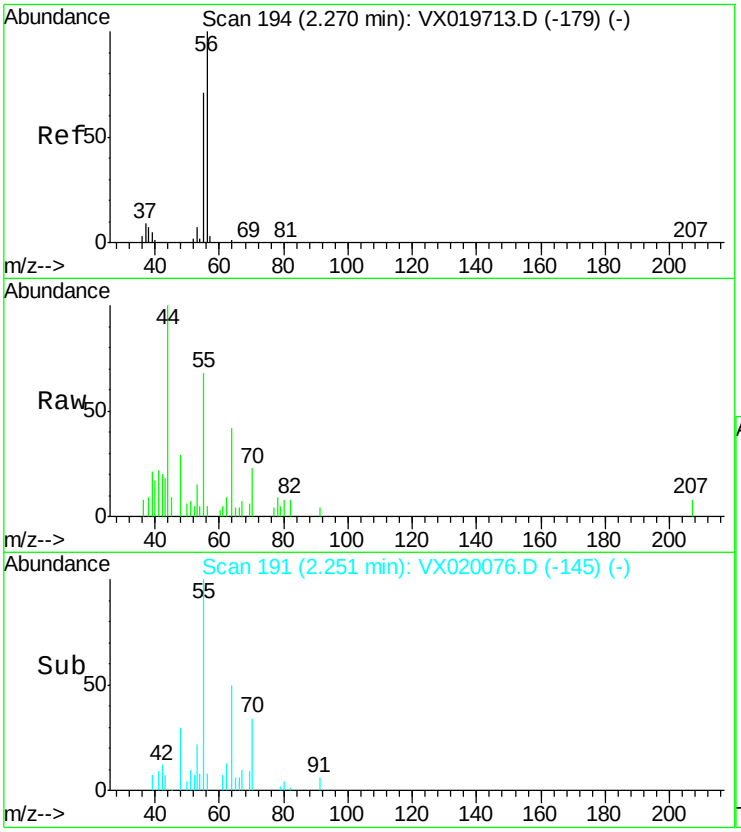


#12
1,1-Dichloroethene
Concen: 49.553 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

Tgt Ion: 96 Resp: 133108

Ion	Ratio	Lower	Upper
96	100		
61	165.0	124.6	187.0
98	63.6	50.6	76.0



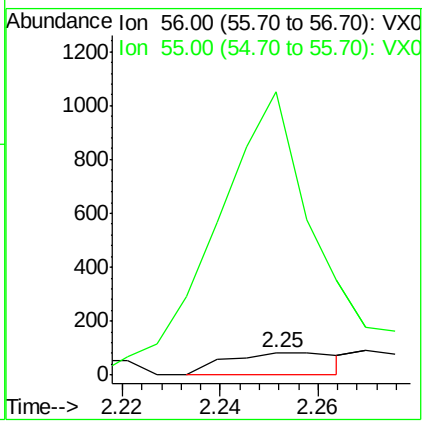


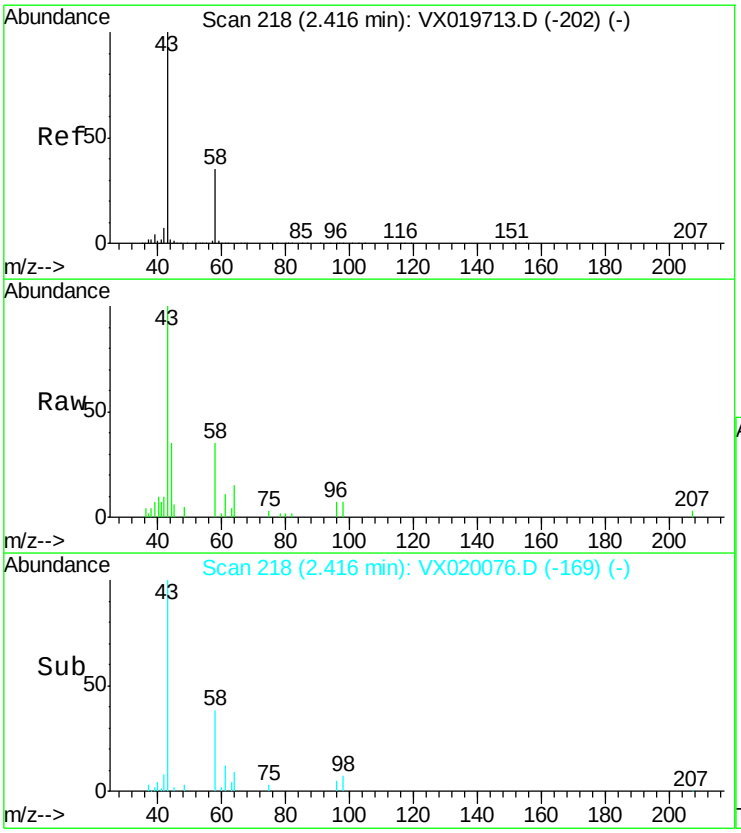
#13
Acrolein
Concen: 0.310 ug/l
RT: 2.25 min Scan# 191
Delta R.T. -0.02 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

Instrument : MSVOA_X
ClientSampleId : MW-2

Tgt Ion: 56 Resp: 132

Ion	Ratio	Lower	Upper
56	100		
55	1261.4	56.4	84.6#

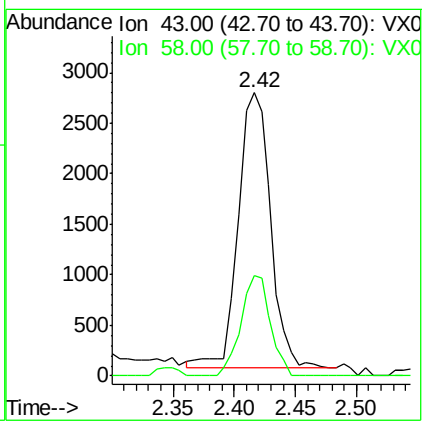


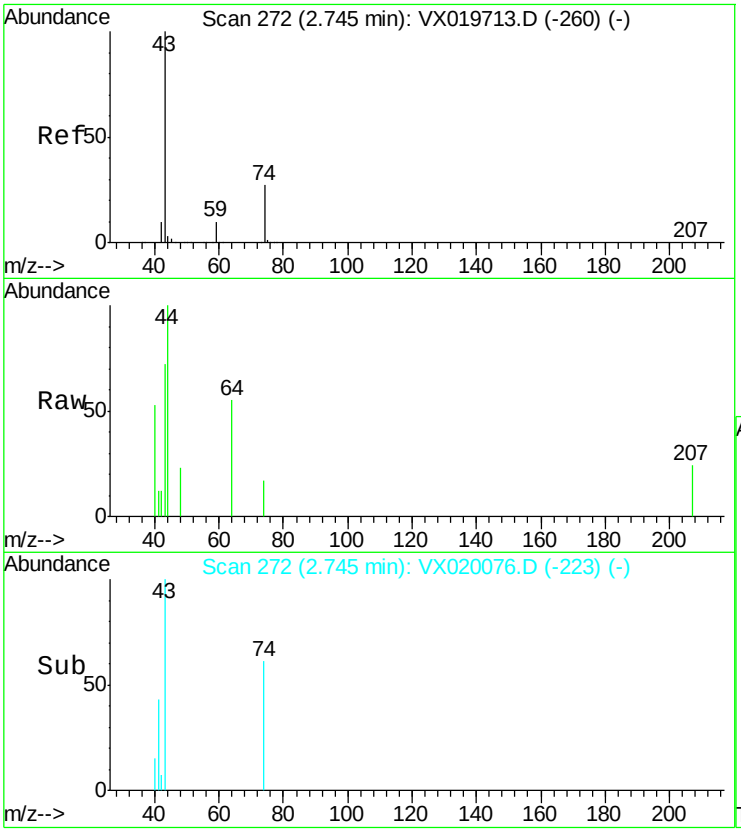


#16
Acetone
Concen: 3.454 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

Tgt Ion: 43 Resp: 5003

Ion	Ratio	Lower	Upper
43	100		
58	36.5	27.8	41.8



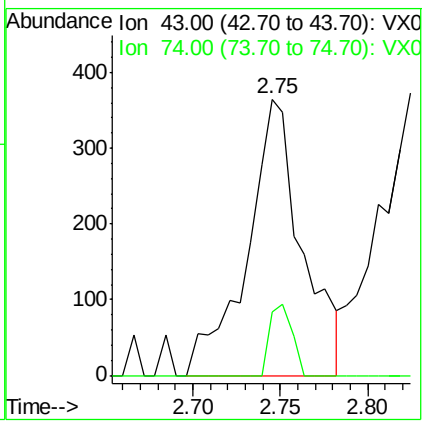


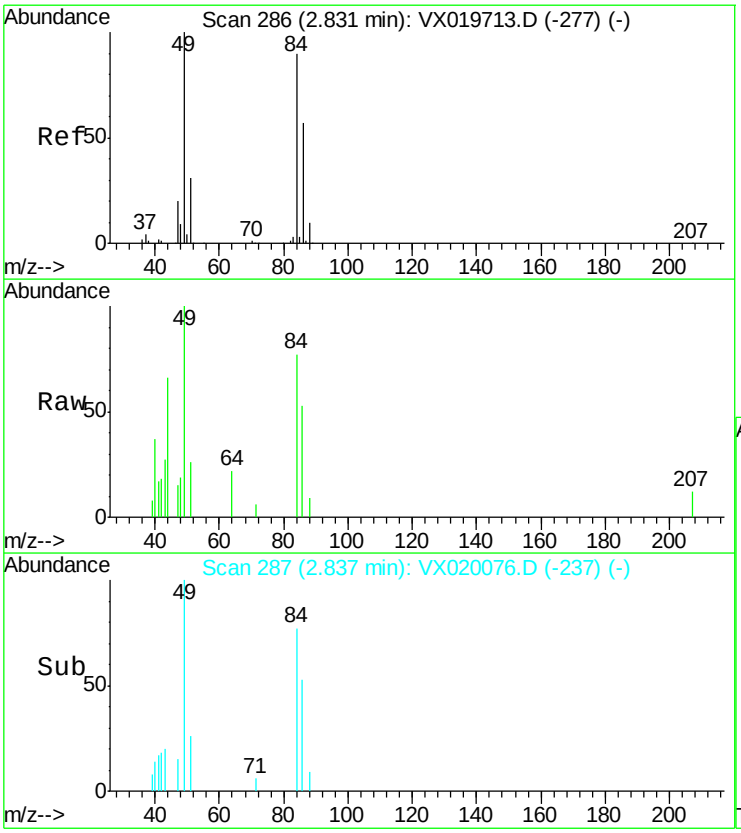
#18
Methyl Acetate
Concen: 0.225 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 43 Resp: 799

Ion	Ratio	Lower	Upper
43	100		
74	10.5	21.9	32.9#

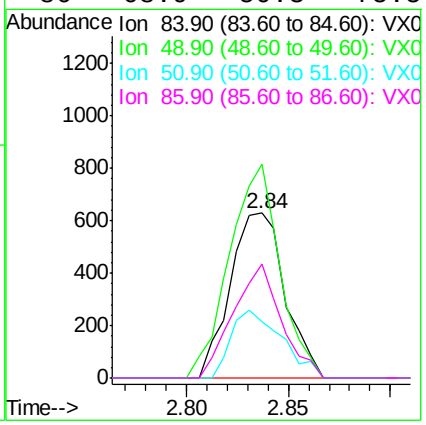


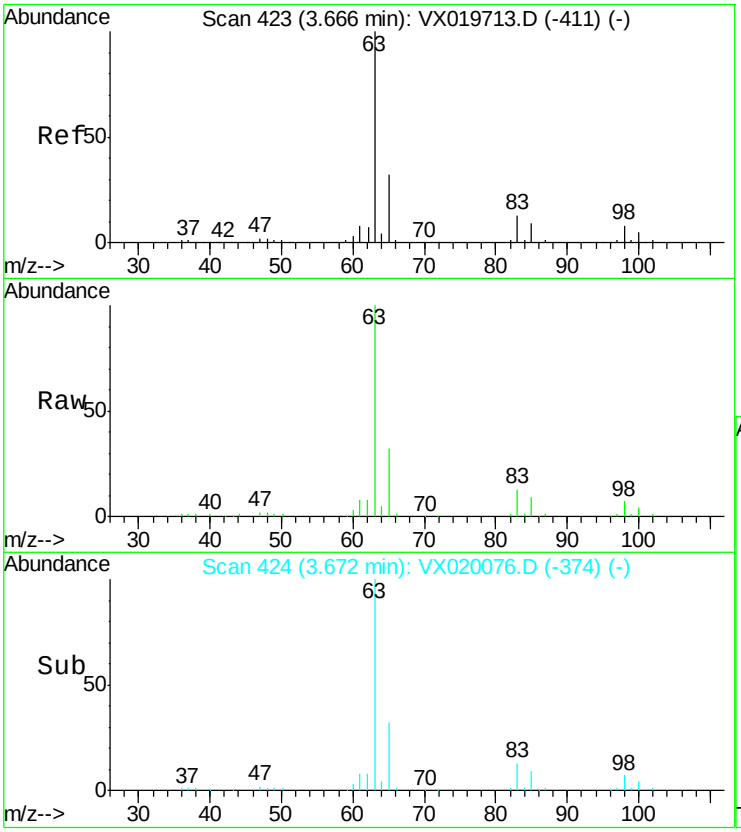


#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

Tgt Ion: 84 Resp: 1171

Ion	Ratio	Lower	Upper
84	100		
49	129.8	88.6	132.8
51	34.2	27.0	40.6
86	68.9	50.3	75.5



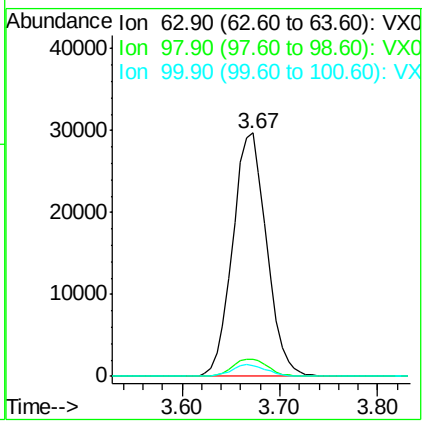


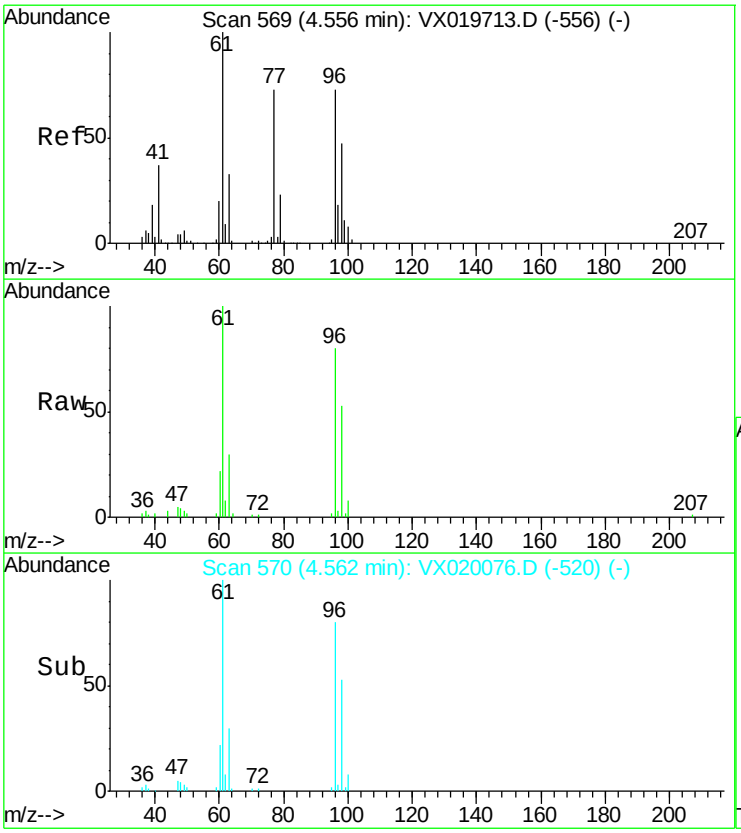
#24
1,1-Dichloroethane
Concen: 12.936 ug/l
RT: 3.67 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

Instrument : MSVOA_X
ClientSampleId : MW-2

Tgt Ion: 63 Resp: 71553

Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.8	11.2
100	4.3	2.5	7.5

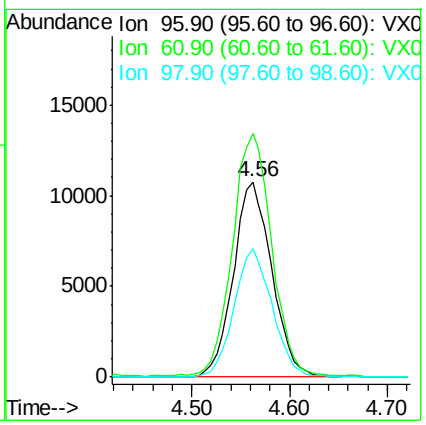


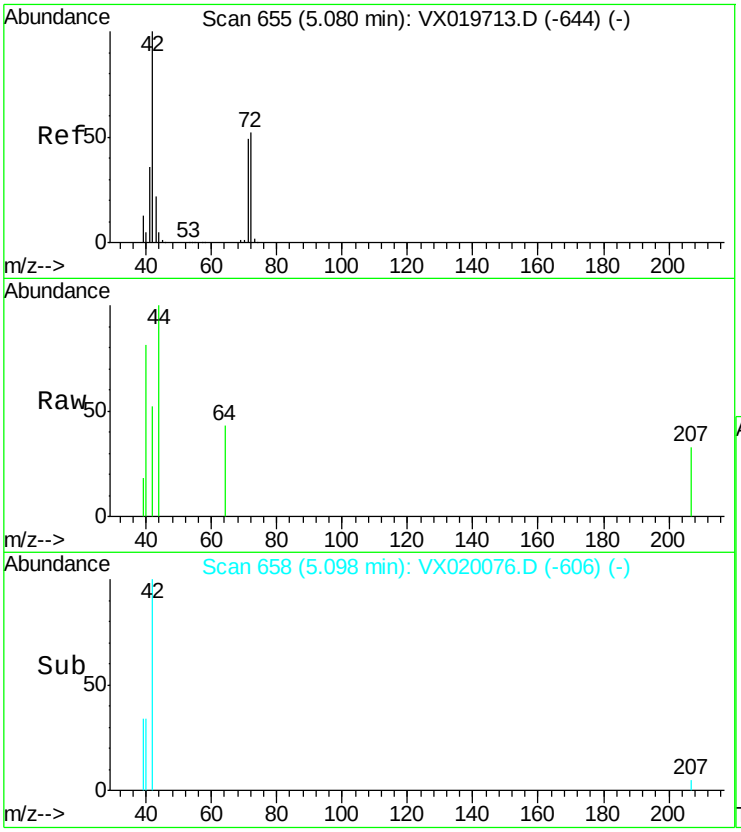


#27
cis-1,2-Dichloroethene
Concen: 7.995 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.01 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

Tgt Ion: 96 Resp: 29299

Ion	Ratio	Lower	Upper
96	100		
61	129.2	0.0	285.6
98	65.1	0.0	129.6



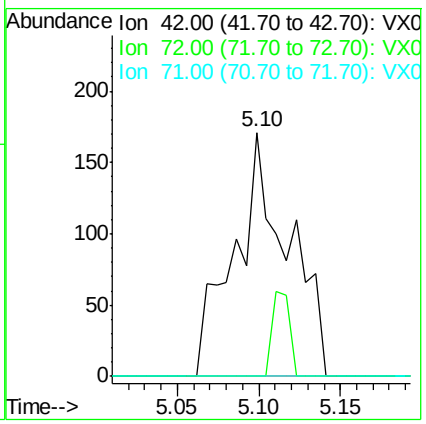


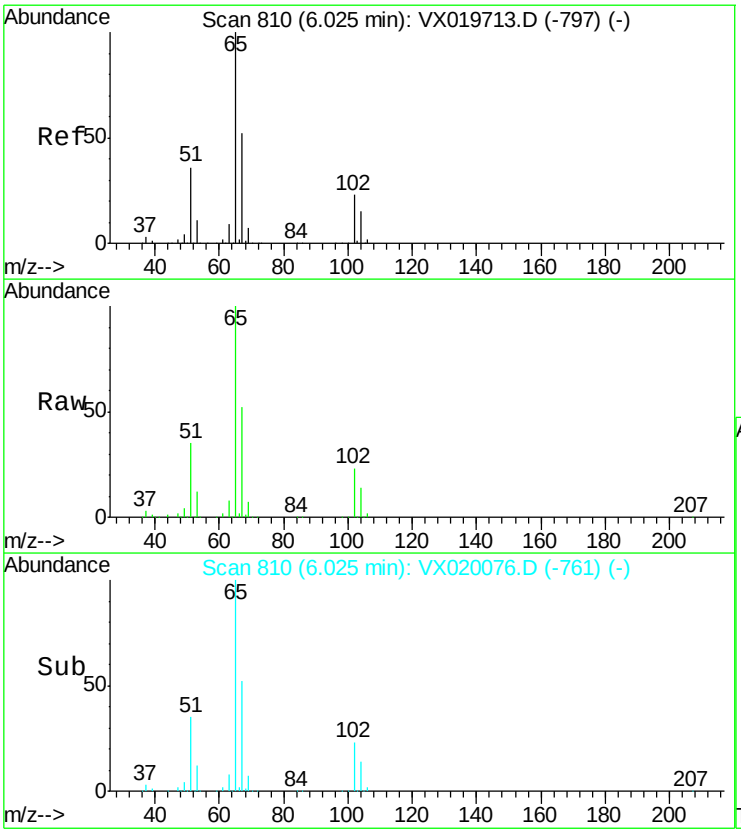
#29
Tetrahydrofuran
Concen: 0.275 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.02 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 42 Resp: 395

Ion	Ratio	Lower	Upper
42	100		
72	10.9	41.7	62.5#
71	0.0	38.4	57.6#

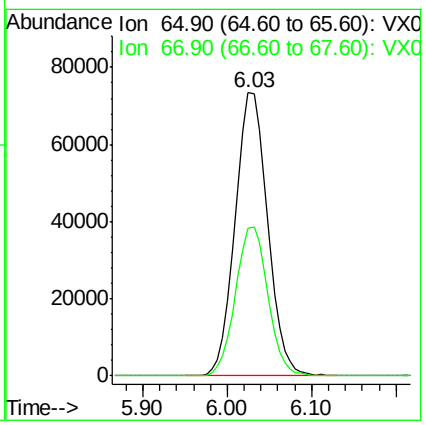


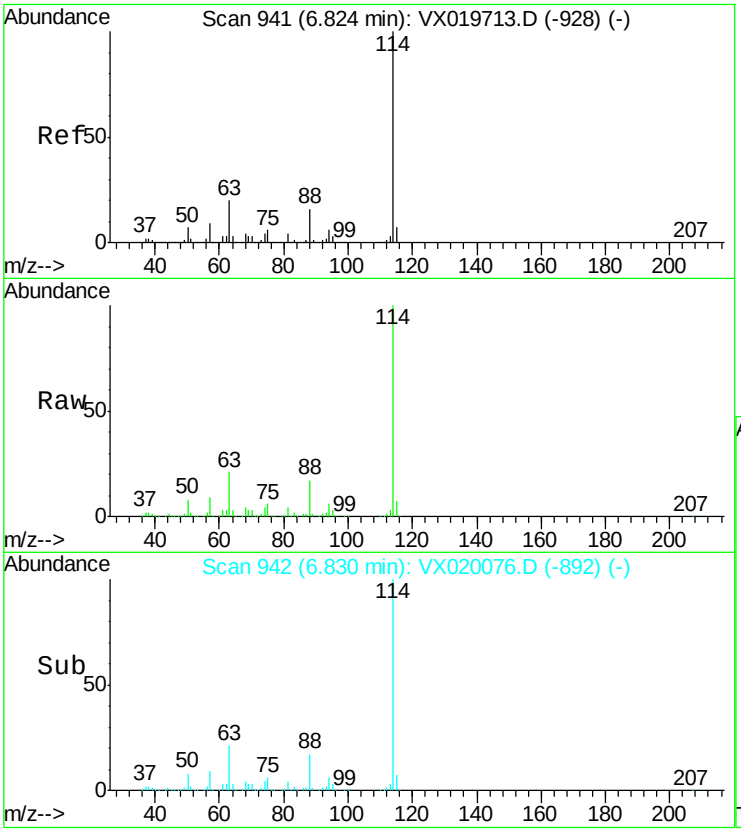


#33
1,2-Dichloroethane-d4
Concen: 49.700 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.00 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

Tgt Ion: 65 Resp: 191506

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	105.4



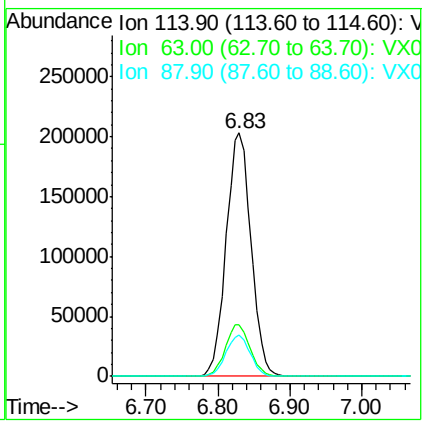


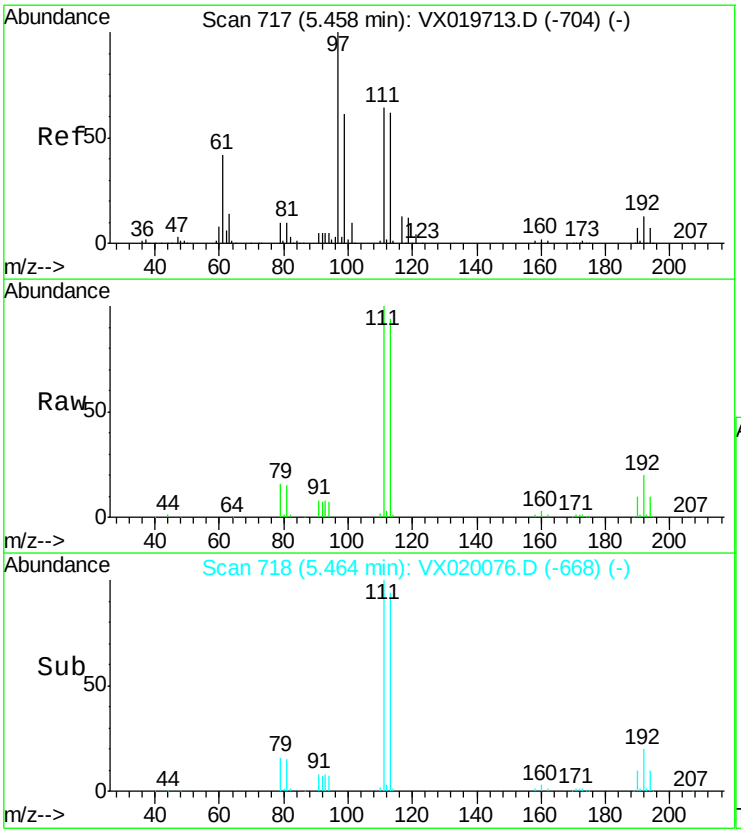
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.01 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion:114 Resp: 487249

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	40.8
88	17.0	0.0	32.8

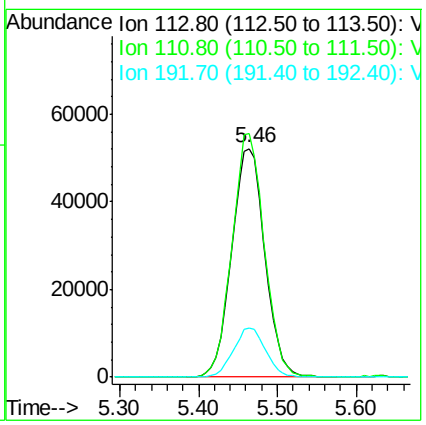


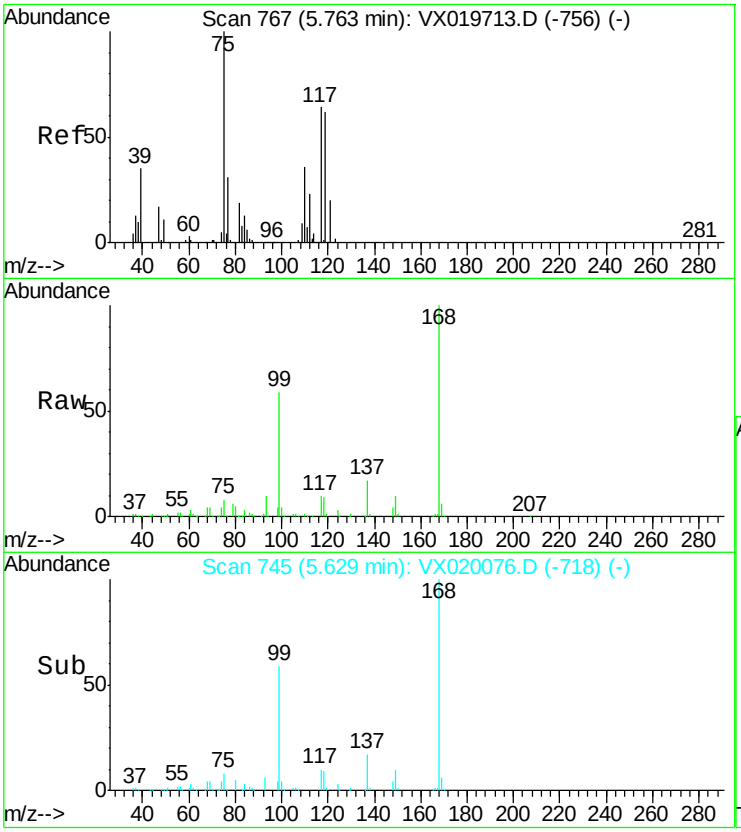


#35
Dibromofluoromethane
Concen: 48.507 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

Tgt Ion:113 Resp: 152749

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.9	122.9
192	21.0	16.7	25.1



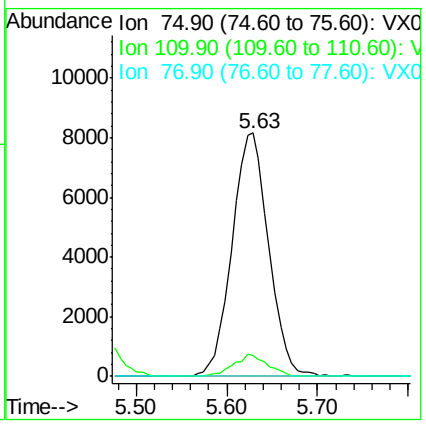


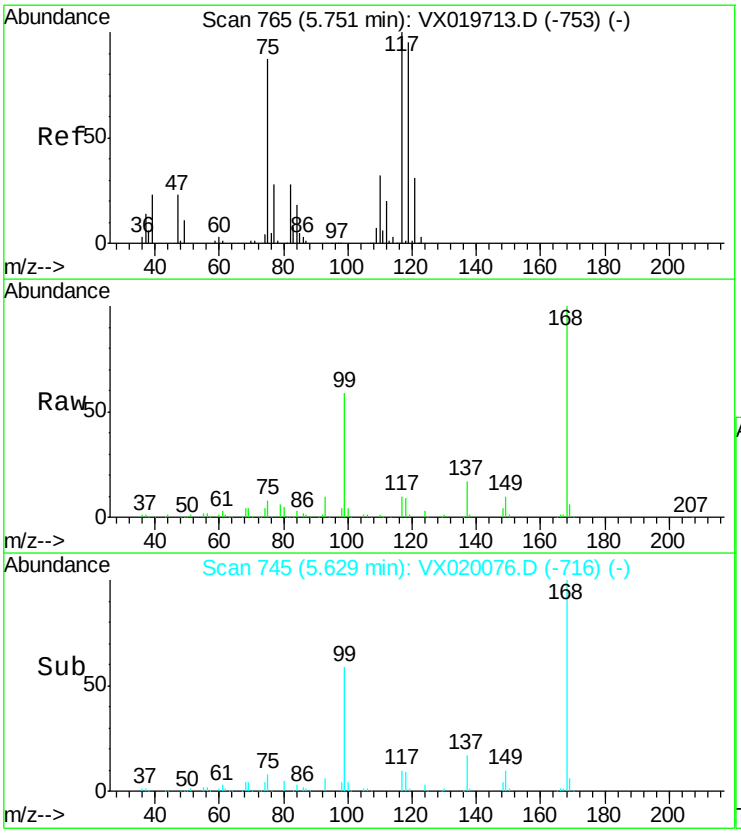
#36
1,1-Dichloropropene
Concen: 5.175 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 75 Resp: 22784

Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.1	54.4#
77	0.0	25.3	37.9#

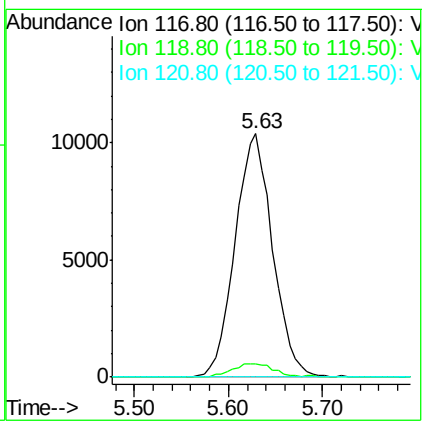


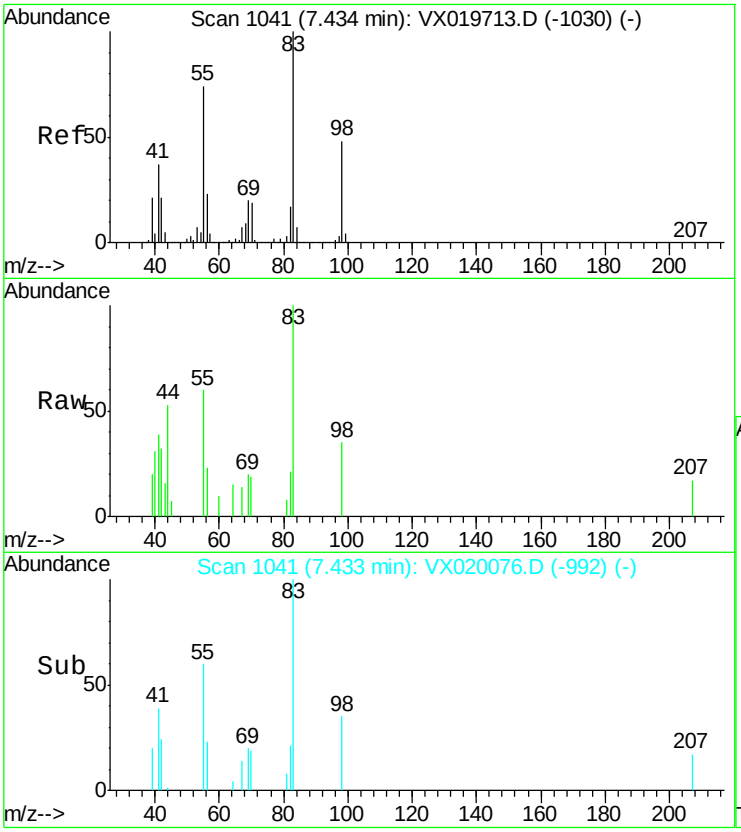


#38
Carbon Tetrachloride
Concen: 6.700 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

Tgt Ion:117 Resp: 28886

Ion	Ratio	Lower	Upper
117	100		
119	5.4	76.2	114.2#
121	0.0	24.8	37.2#



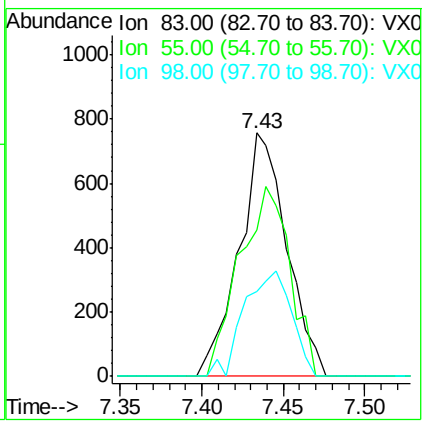


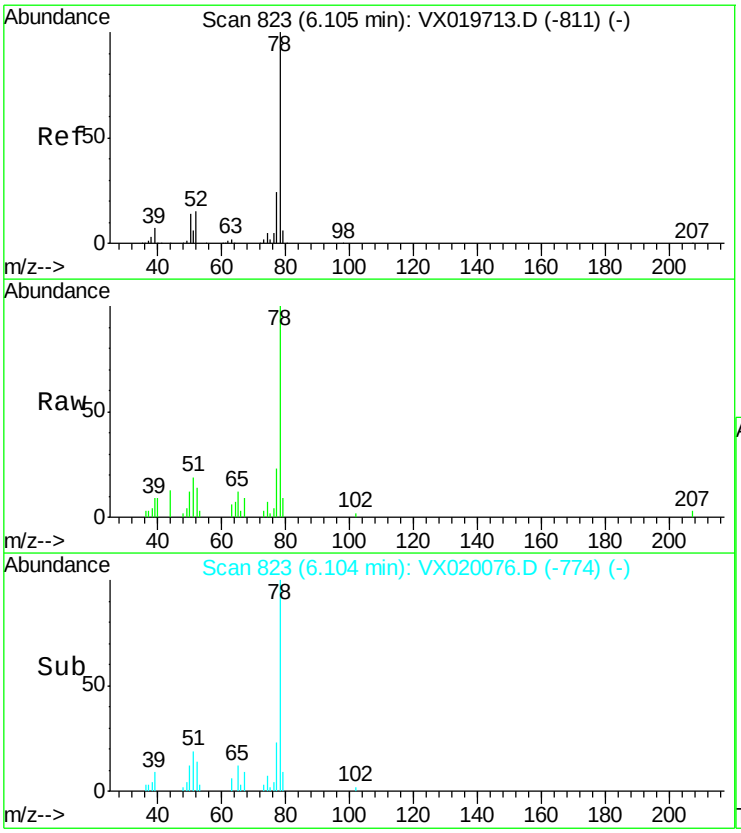
#39
Methylcyclohexane
Concen: 0.299 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.00 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 83 Resp: 1546

Ion	Ratio	Lower	Upper
83	100		
55	60.2	58.9	88.3
98	35.0	38.1	57.1#

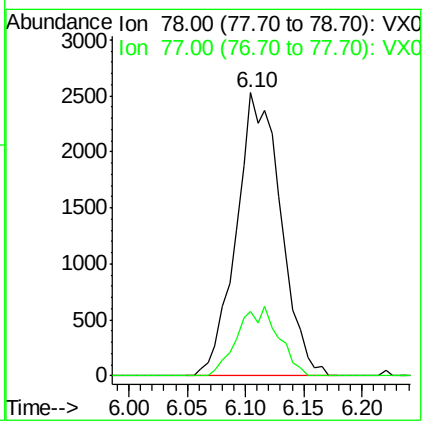


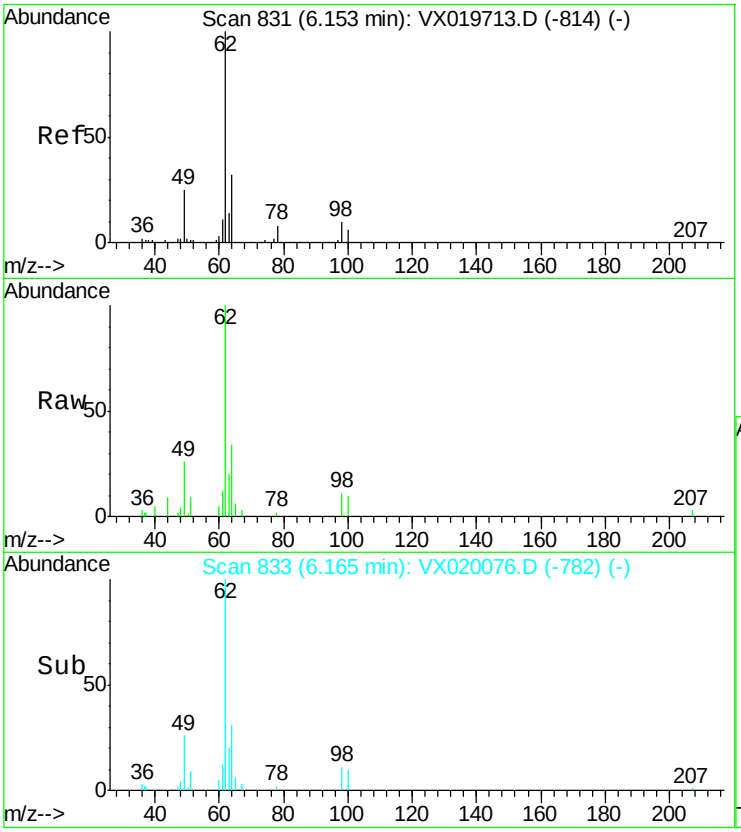


#40
Benzene
Concen: 0.499 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.00 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

Tgt Ion: 78 Resp: 6707

Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.9	28.3



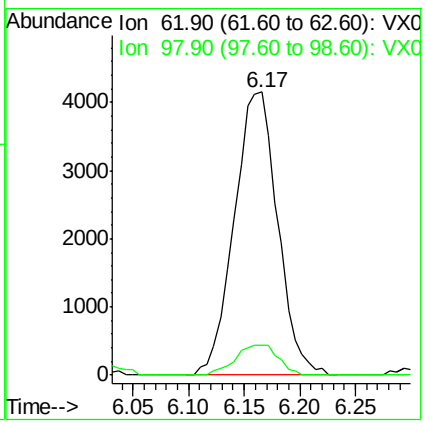


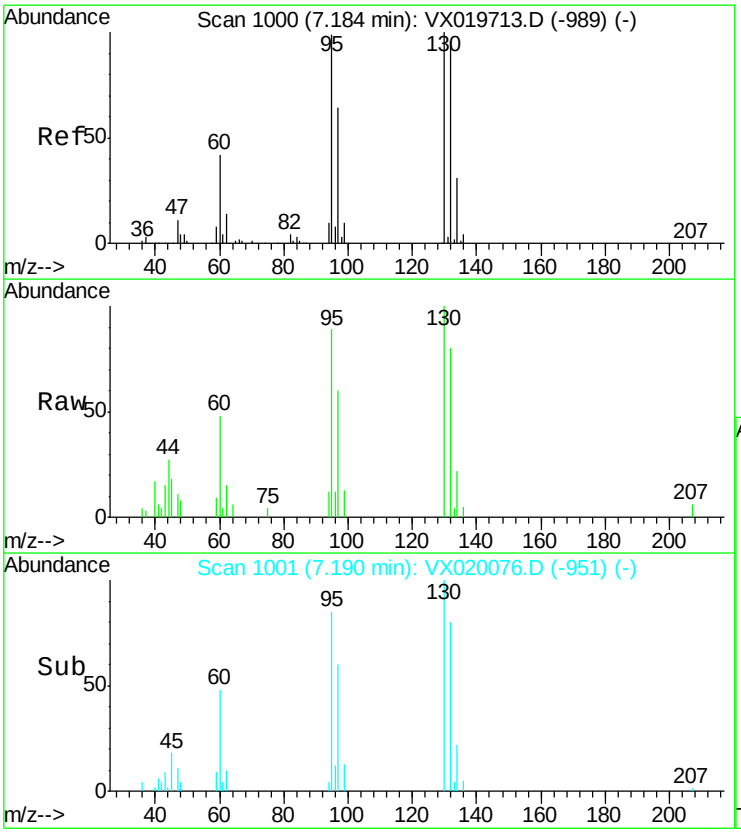
#42
1,2-Dichloroethane
Concen: 2.453 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 62 Resp: 11271

Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.2

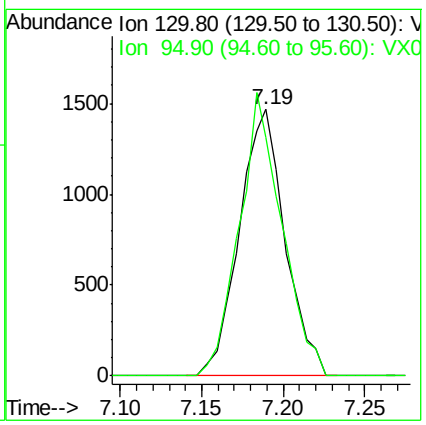


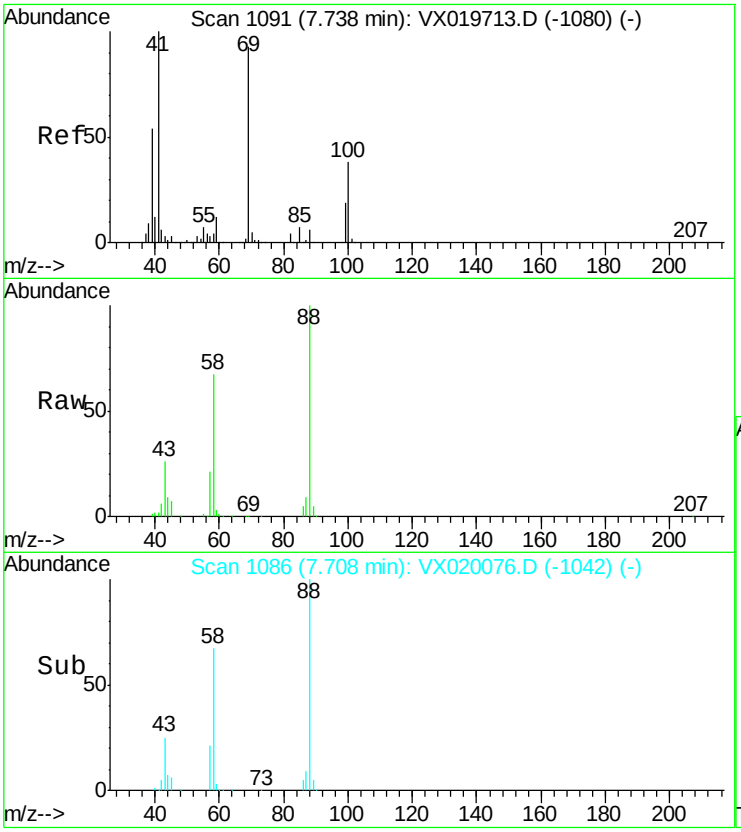


#44
Trichloroethene
Concen: 0.808 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

Tgt Ion:130 Resp: 2853

Ion	Ratio	Lower	Upper
130	100		
95	89.3	0.0	198.0



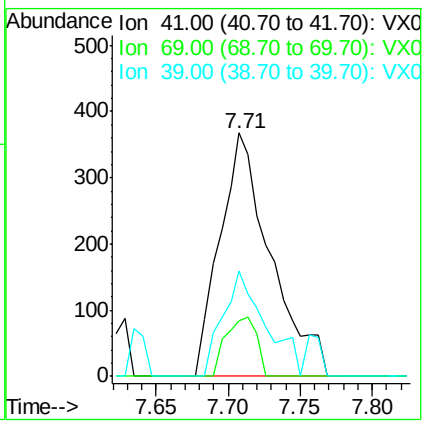


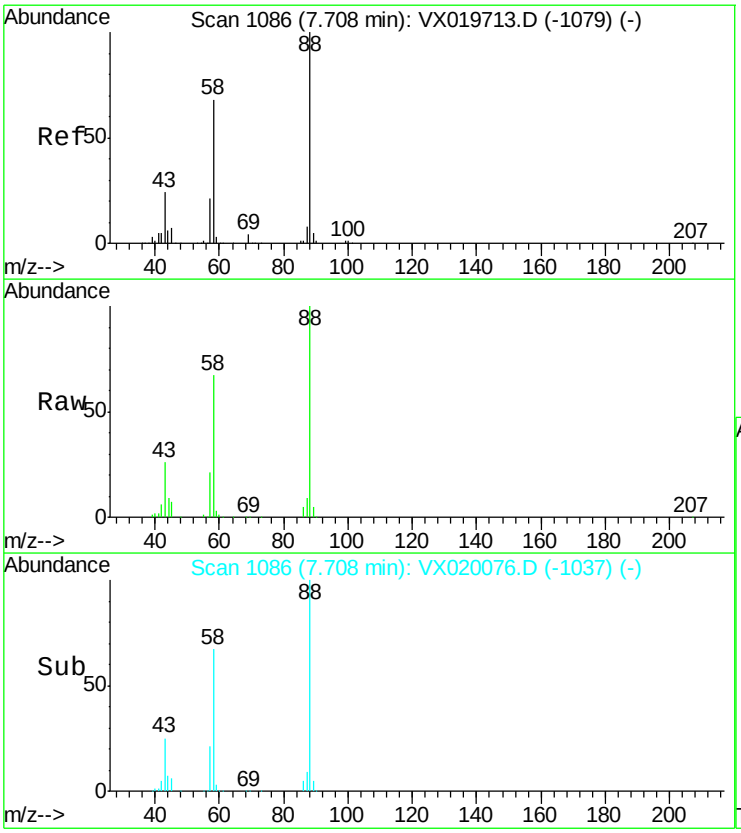
#48
Methyl methacrylate
Concen: 0.253 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.03 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 41 Resp: 901

Ion	Ratio	Lower	Upper
41	100		
69	14.8	76.0	114.0#
39	36.3	44.6	67.0#

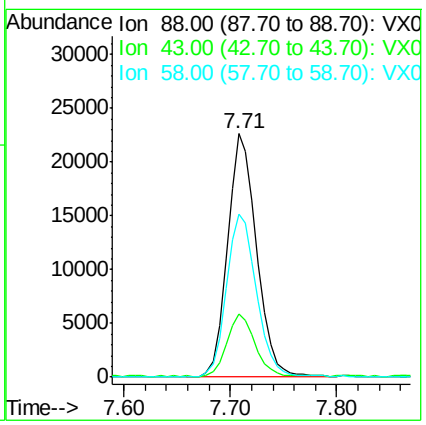


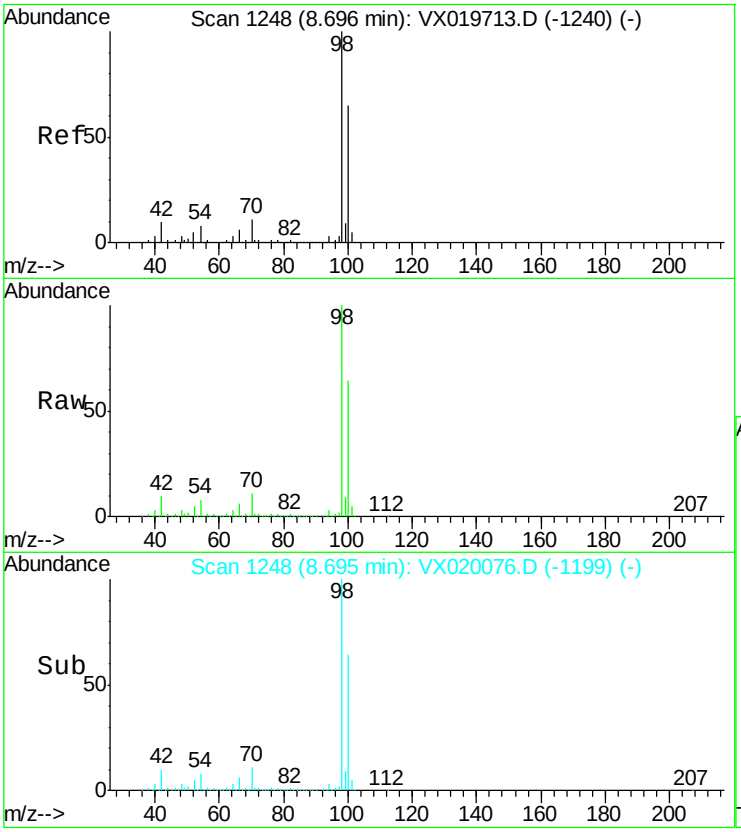


#49
1,4-Dioxane
Concen: 504.413 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

Tgt Ion: 88 Resp: 43434

Ion	Ratio	Lower	Upper
88	100		
43	24.8	23.2	34.8
58	69.4	55.0	82.4



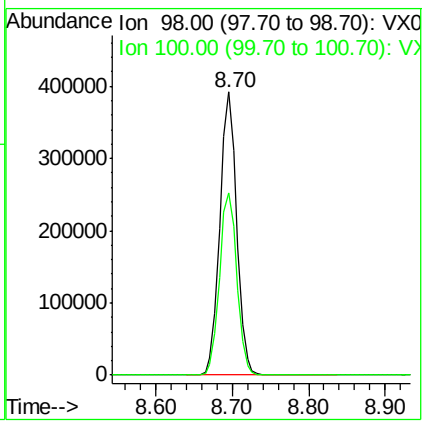


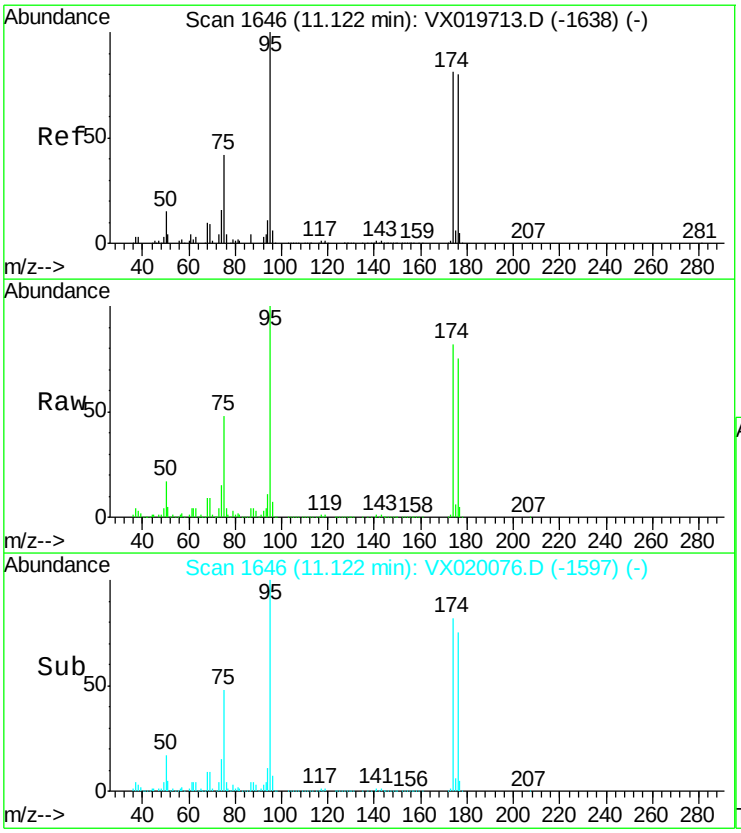
#50
Toluene-d8
Concen: 49.697 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 98 Resp: 597460

Ion	Ratio	Lower	Upper
98	100		
100	66.2	51.9	77.9

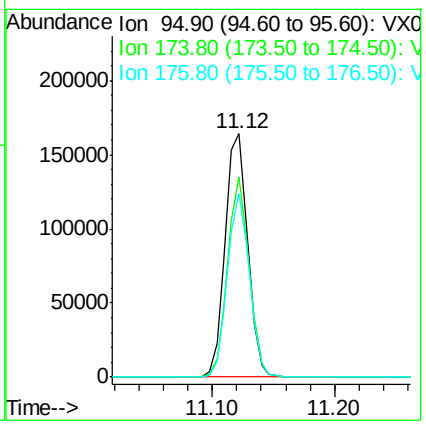


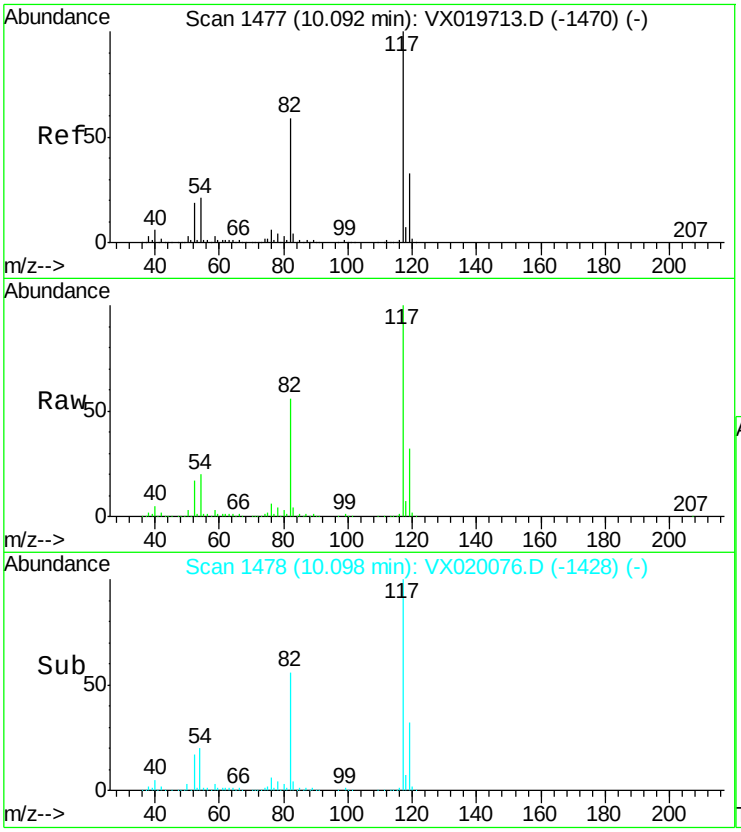


#62
4-Bromofluorobenzene
Concen: 45.799 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

Tgt Ion: 95 Resp: 209567

Ion	Ratio	Lower	Upper
95	100		
174	77.8	0.0	154.6
176	72.7	0.0	155.8



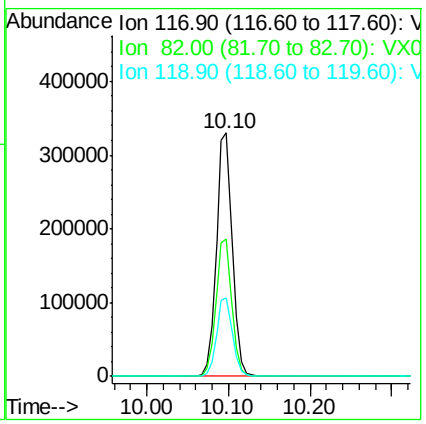


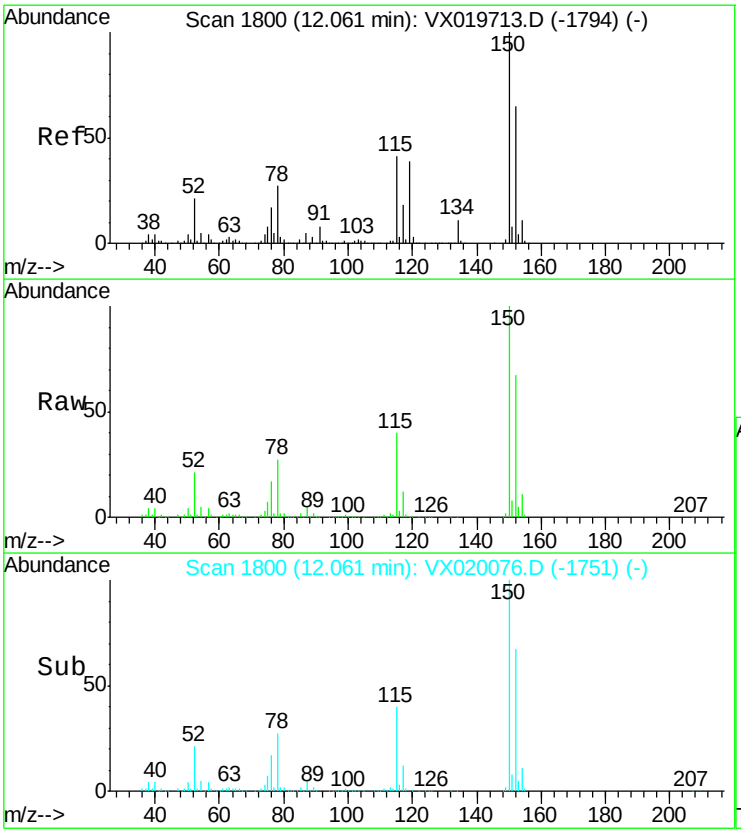
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

Instrument : MSVOA_X
ClientSampleId : MW-2

Tgt Ion:117 Resp: 453566

Ion	Ratio	Lower	Upper
117	100		
82	56.3	47.4	71.2
119	32.0	26.6	39.8

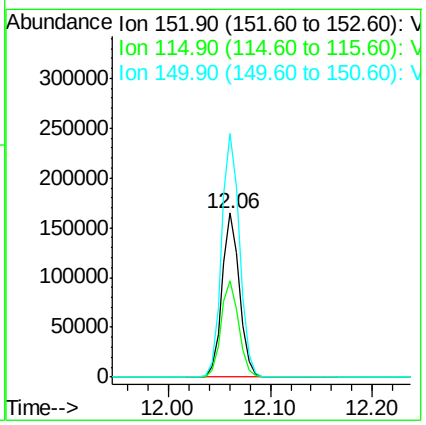


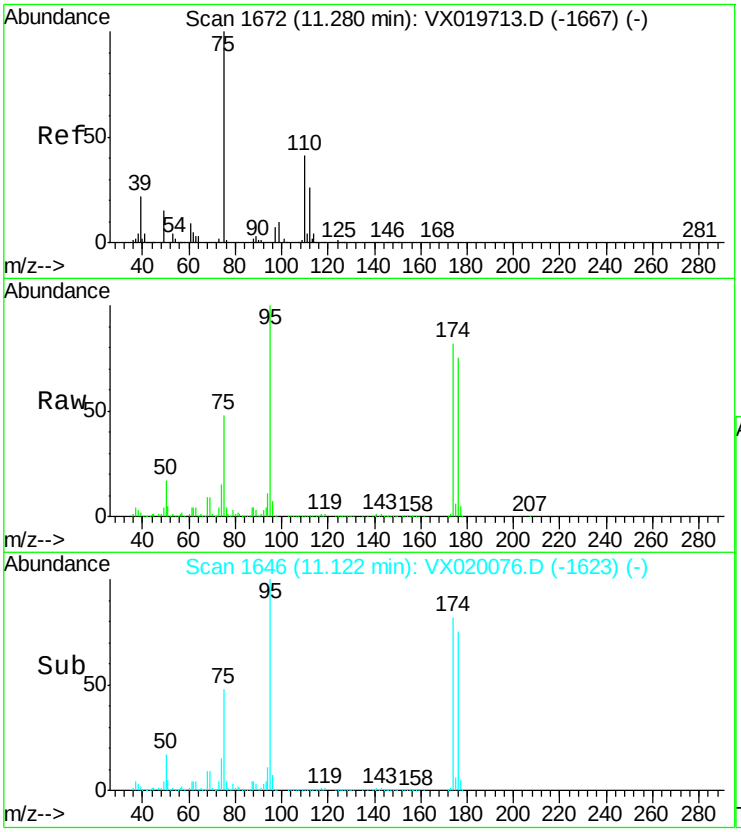


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

Tgt Ion:152 Resp: 194501

Ion	Ratio	Lower	Upper
152	100		
115	59.7	41.1	123.3
150	153.5	0.0	349.0



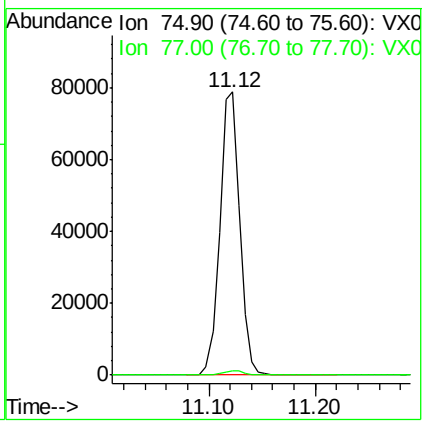


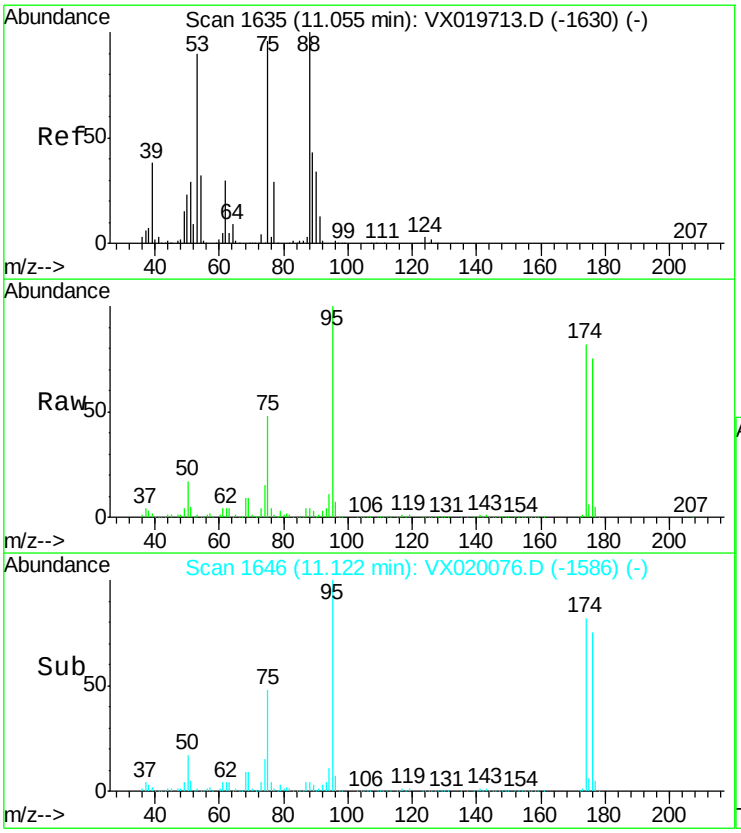
#76
1,2,3-Trichloropropane
Concen: 23.446 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion: 75 Resp: 102279

Ion	Ratio	Lower	Upper
75	100		
77	1.8	19.1	57.5#

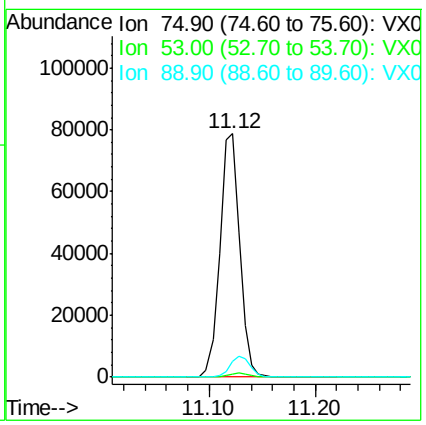


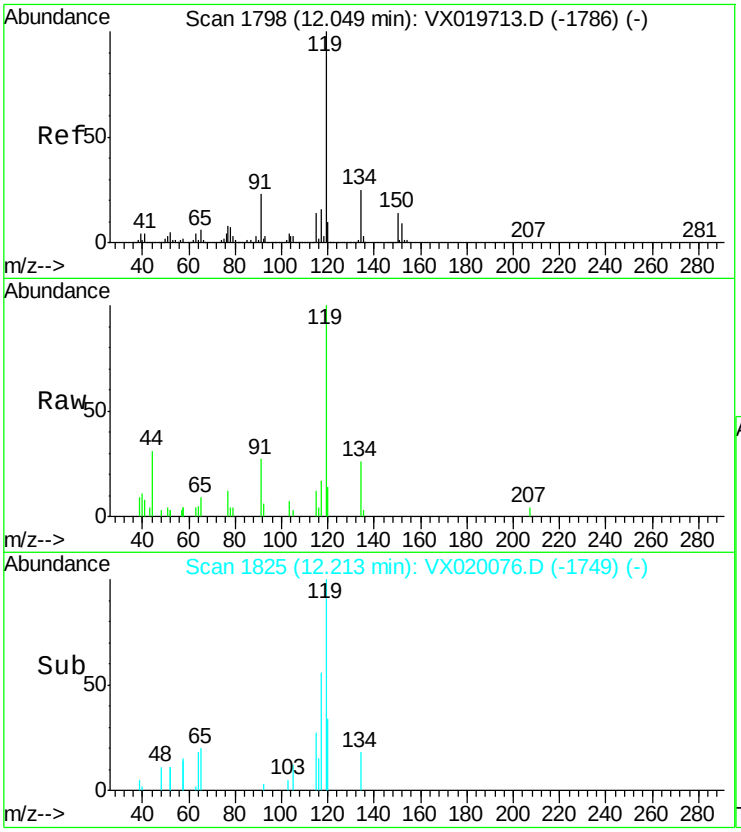


#81
trans-1,4-Dichloro-2-butene
Concen: 67.778 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

Tgt Ion: 75 Resp: 102279

Ion	Ratio	Lower	Upper
75	100		
53	1.7	74.5	111.7#
89	8.5	37.9	56.9#





#86
p-Isopropyltoluene
Concen: 0.205 ug/l
RT: 12.21 min Scan# 1825
Delta R.T. 0.16 min
Lab File: VX020076.D
Acq: 16 Dec 2020 19:27

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tgt Ion:119 Resp: 2355

Ion	Ratio	Lower	Upper
119	100		
134	29.5	12.9	38.7
91	28.4	11.7	35.0