Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX113020\
Data File : VX019679.D
Acq On : 30 Nov 2020 14:47
Operator : JC/MD
Sample : L4899-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TP-1-2

Quant Time: Dec 01 02:40:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	293343	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	493122	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	430535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	176964	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	187492	49.30	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 98.60%			
35) Dibromofluoromethane	5.46	113	150298	48.56	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.12%			
50) Toluene-d8	8.70	98	588066	48.89	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.78%			
62) 4-Bromofluorobenzene	11.12	95	197642	45.67	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.34%			
Target Compounds						Qvalue
5) Bromomethane	1.62	94	426	0.319	ug/l	99
6) Chloroethane	1.68	64	823	Below Cal	#	58
11) Tert butyl alcohol	3.04	59	1451	2.016	ug/l #	90
13) Acrolein	2.27	56	333	0.688	ug/l #	49
16) Acetone	2.43	43	13834	9.405	ug/l	94
18) Methyl Acetate	2.75	43	3312	1.541	ug/l	96
20) Methylene Chloride	2.83	84	25524	6.943	ug/l	94
25) 2-Butanone	4.65	43	8528	3.860	ug/l	97
29) Tetrahydrofuran	5.11	42	1975	1.401	ug/l #	85
31) Cyclohexane	5.62	56	5626	1.137	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	22444	4.855	ug/l #	50
38) Carbon Tetrachloride	5.62	117	29329	6.554	ug/l #	16
43) Isopropyl Acetate	6.42	43	32289	4.426	ug/l	99
48) Methyl methacrylate	7.65	41	7999	2.341	ug/l #	9
49) 1,4-Dioxane	7.73	88	53	0.683	ug/l #	1
51) 4-Methyl-2-Pentanone	8.59	43	94760	22.274	ug/l #	46
54) cis-1,3-Dichloropropene	8.59	75	51312	9.219	ug/l #	59
57) 1,3-Dichloropropane	9.52	76	26273	4.434	ug/l #	43
59) 2-Hexanone	9.52	43	310362	96.189	ug/l #	48
70) Styrene	10.69	104	71	1.652	ug/l #	24
74) N-amyl acetate	10.80	43	1918	0.418	ug/l #	46
76) 1,2,3-Trichloropropane	11.12	75	96323	24.942	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	96323	65.895	ug/l #	12
95) Naphthalene	13.82	128	409	2.208	ug/l #	69

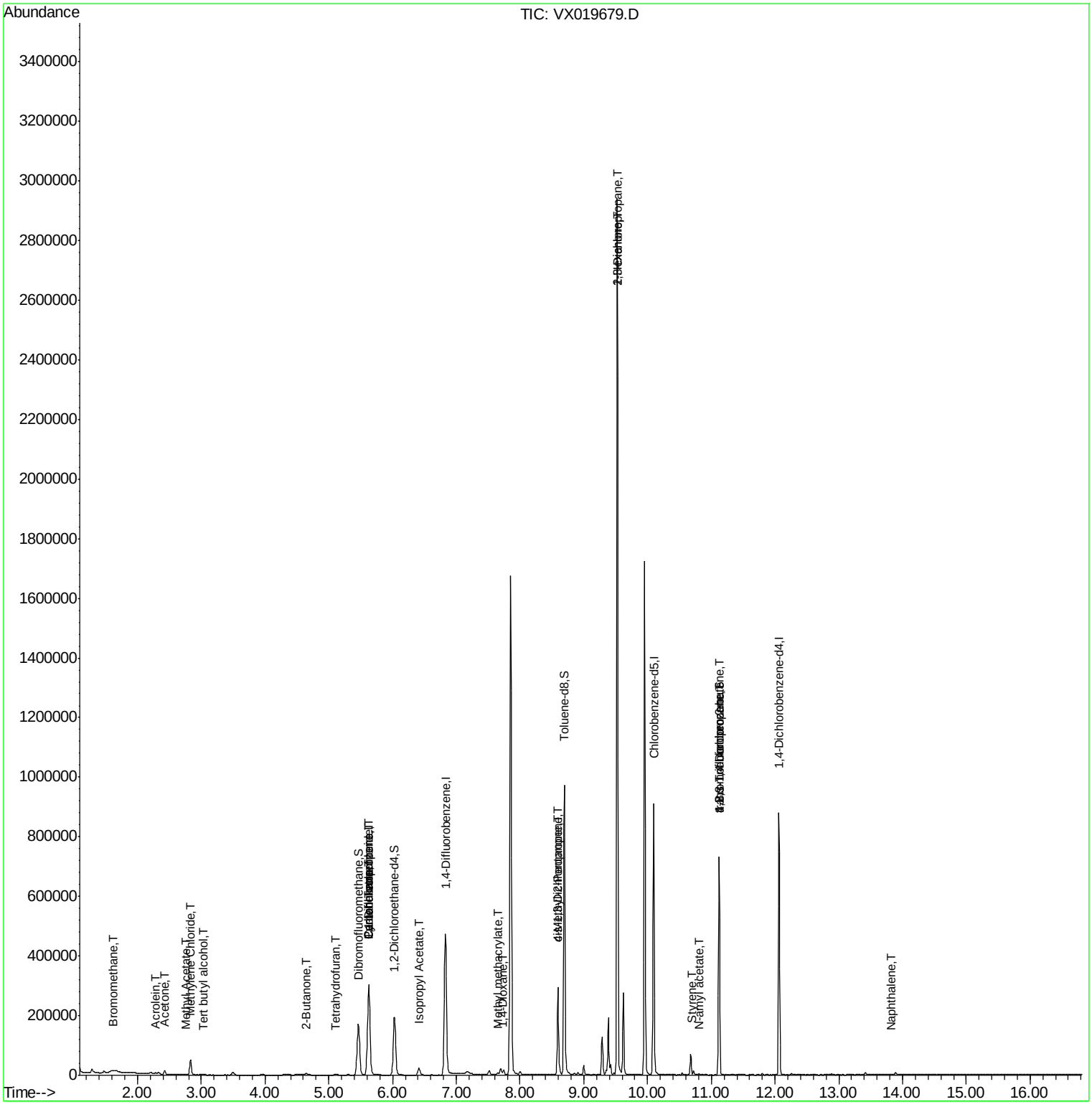
(#) = qualifier out of range (m) = manual integration (+) = signals summed

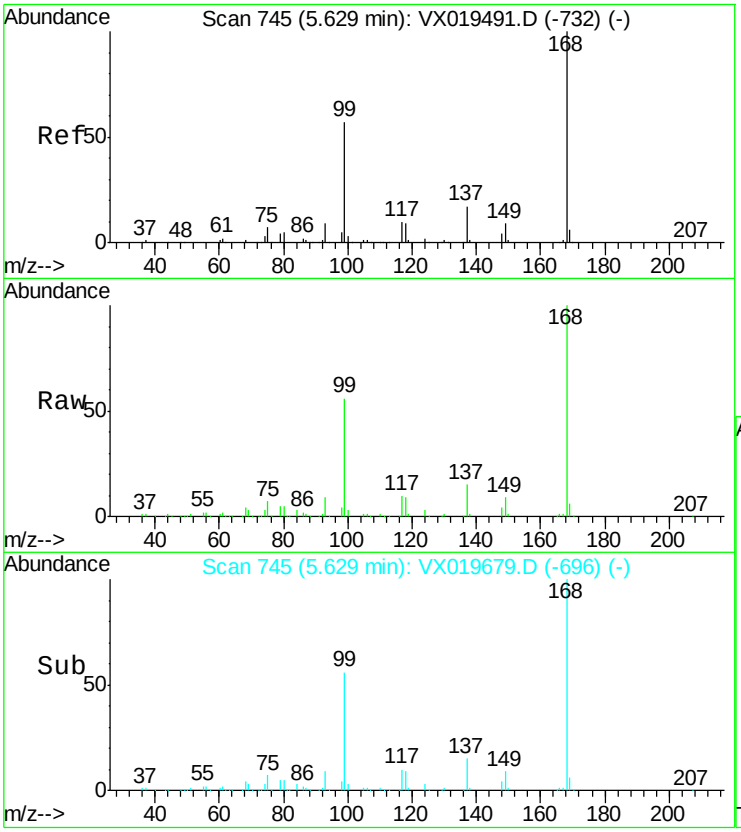
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX113020\
Data File : VX019679.D
Acq On : 30 Nov 2020 14:47
Operator : JC/MD
Sample : L4899-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TP-1-2

Quant Time: Dec 01 02:40:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration



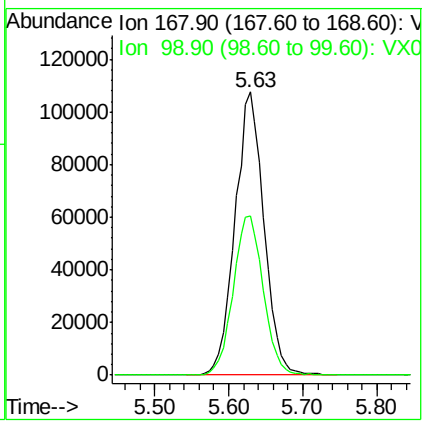


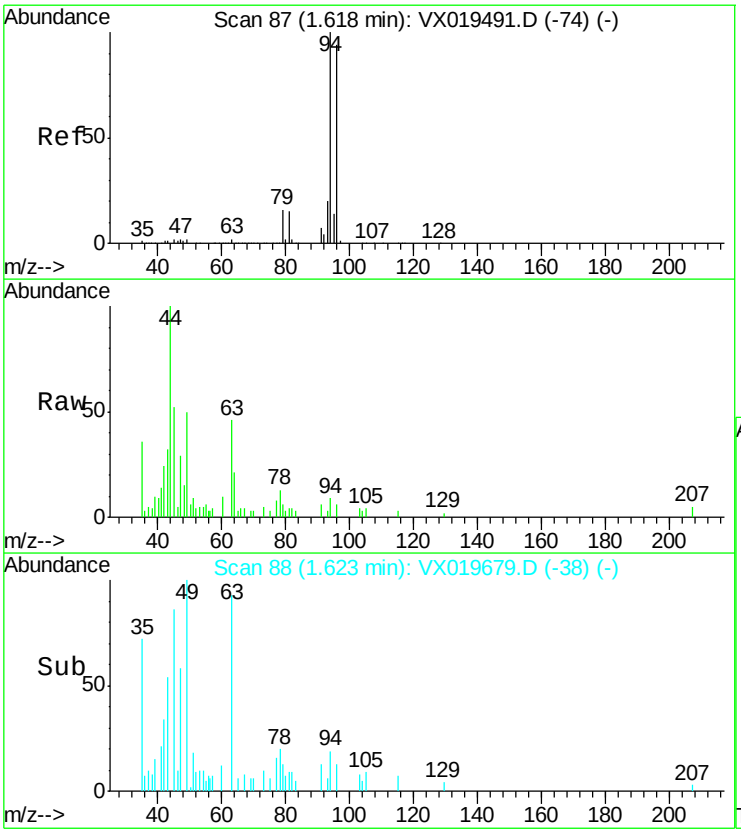
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.00 min
Lab File: VX019679.D
Acq: 30 Nov 2020 14:47

Instrument :
MSVOA_X
ClientSampleId :
TP-1-2

Tgt Ion:168 Resp: 293343

Ion	Ratio	Lower	Upper
168	100		
99	56.2	45.8	68.6

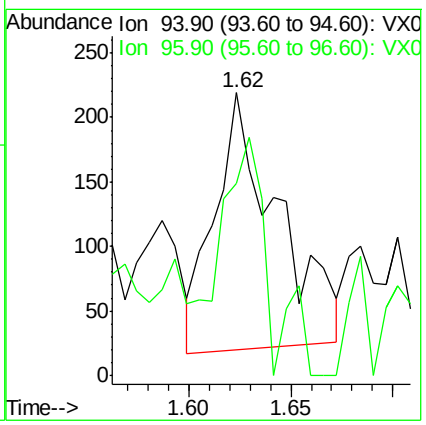


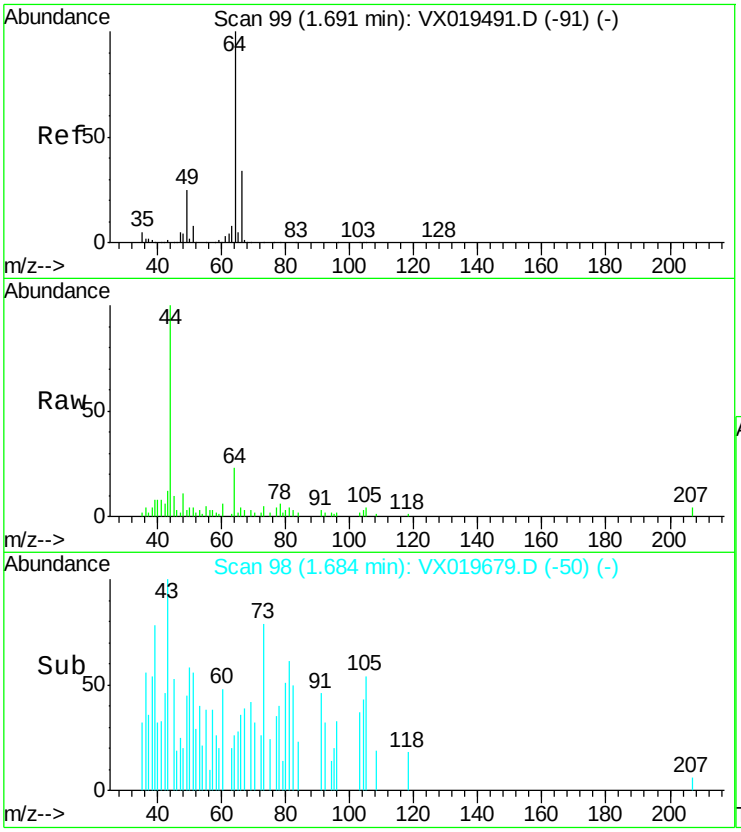


#5
Bromomethane
Concen: 0.319 ug/l
RT: 1.62 min Scan# 88
Delta R.T. 0.01 min
Lab File: VX019679.D
Acq: 30 Nov 2020 14:47

Tgt Ion: 94 Resp: 426

Ion	Ratio	Lower	Upper
94	100		
96	93.7	75.6	113.4



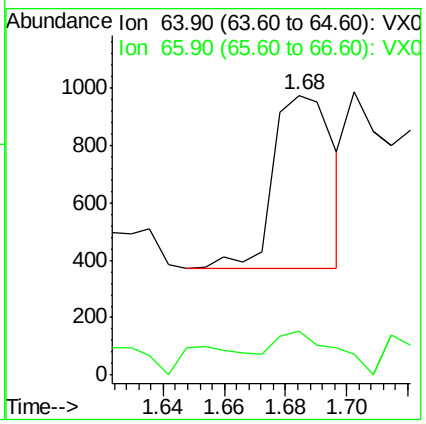


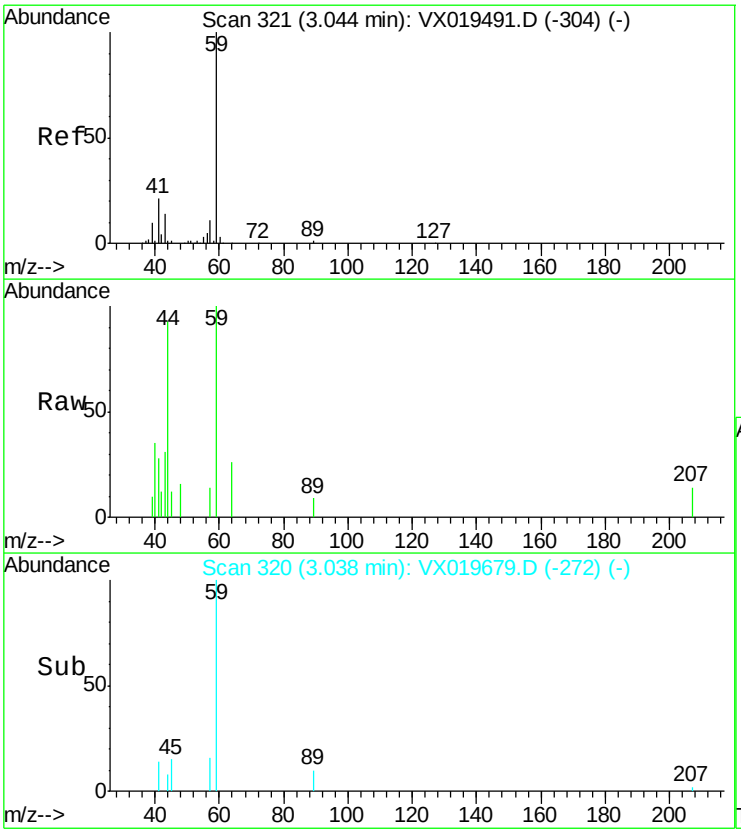
#6
Chloroethane
Concen: Below Cal
RT: 1.68 min Scan# 98
Delta R.T. -0.01 min
Lab File: VX019679.D
Acq: 30 Nov 2020 14:47

Instrument :
MSVOA_X
ClientSampleId :
TP-1-2

Tgt Ion: 64 Resp: 823

Ion	Ratio	Lower	Upper
64	100		
66	10.0	27.1	40.7#

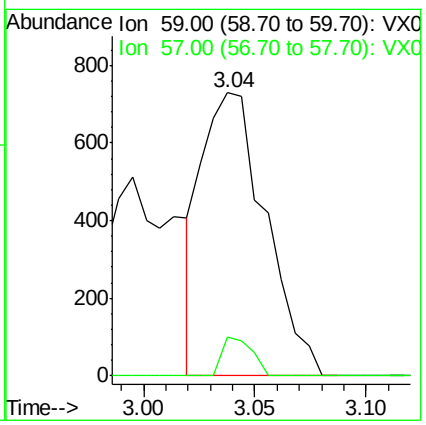


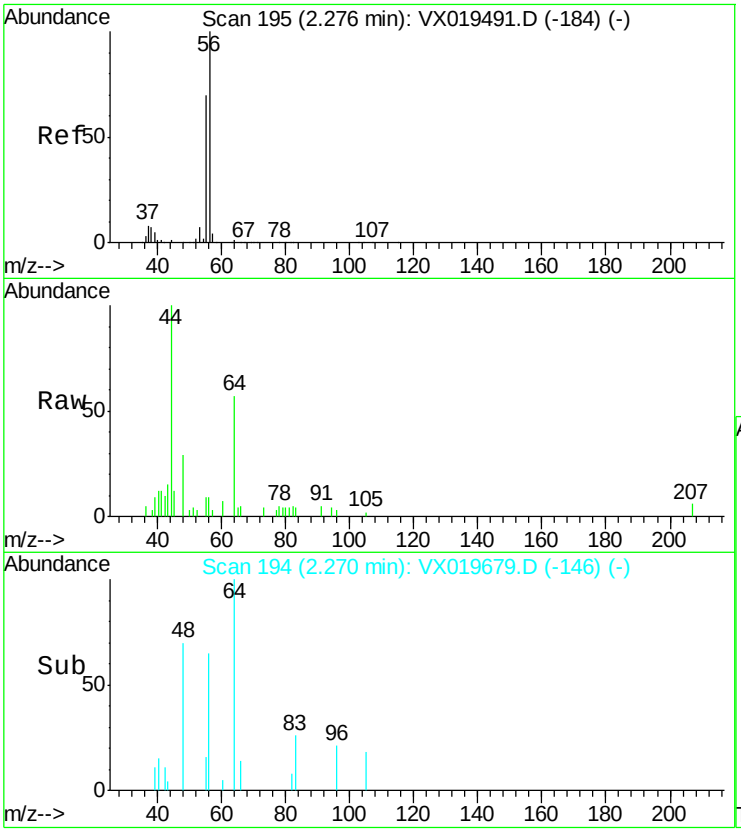


#11
Tert butyl alcohol
Concen: 2.016 ug/l
RT: 3.04 min Scan# 320
Delta R.T. -0.01 min
Lab File: VX019679.D
Acq: 30 Nov 2020 14:47

Tgt Ion: 59 Resp: 1451

Ion	Ratio	Lower	Upper
59	100		
57	6.3	7.9	11.9#



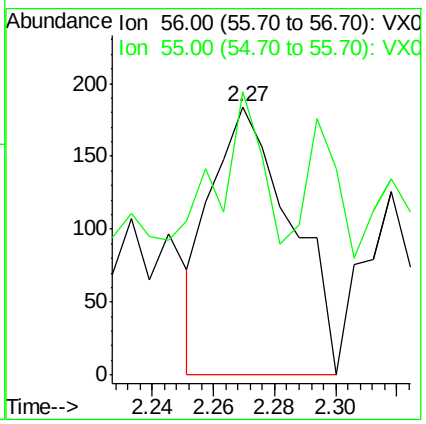


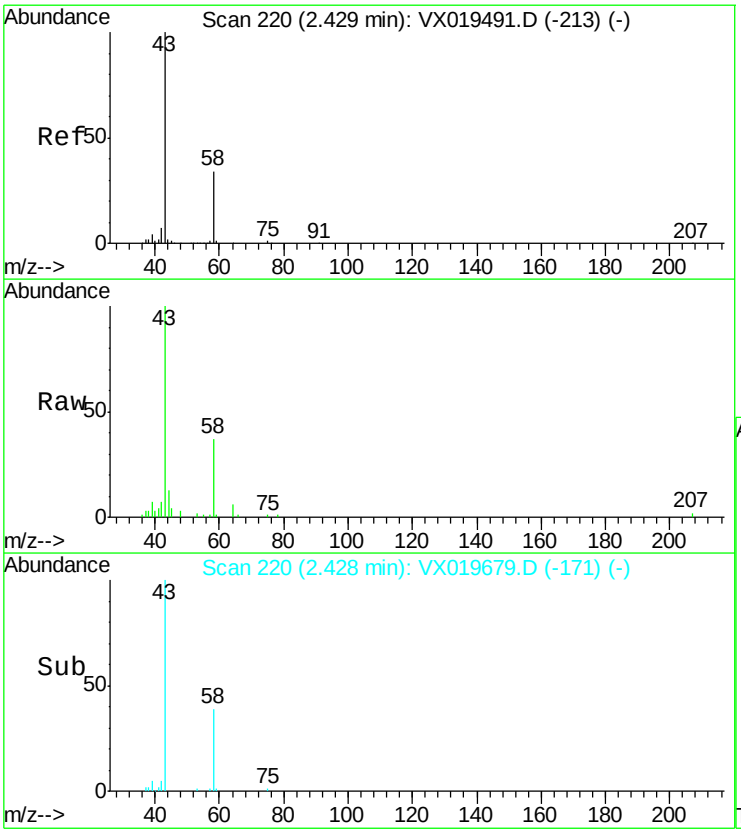
#13
Acrolein
Concen: 0.688 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX019679.D
Acq: 30 Nov 2020 14:47

Instrument :
MSVOA_X
ClientSampleId :
TP-1-2

Tgt Ion: 56 Resp: 333

Ion	Ratio	Lower	Upper
56	100		
55	27.9	55.5	83.3#

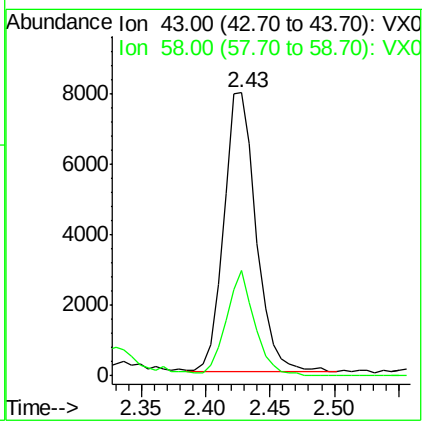


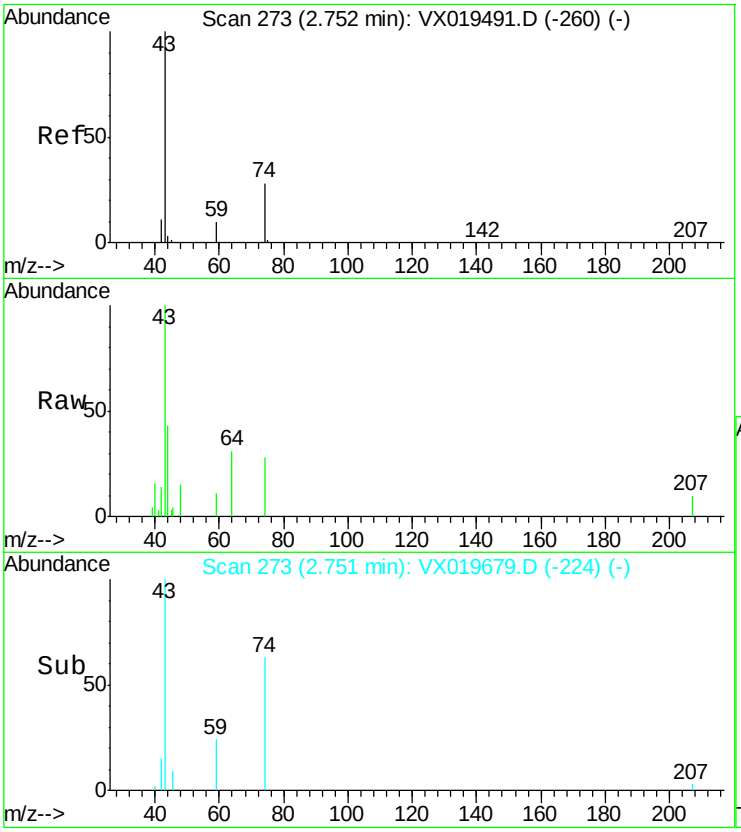


#16
Acetone
Concen: 9.405 ug/l
RT: 2.43 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX019679.D
Acq: 30 Nov 2020 14:47

Tgt Ion: 43 Resp: 13834

Ion	Ratio	Lower	Upper
43	100		
58	37.9	27.4	41.2



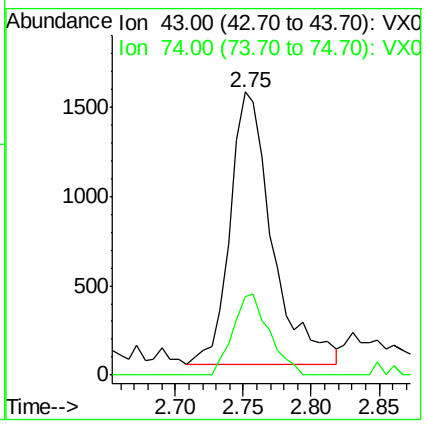


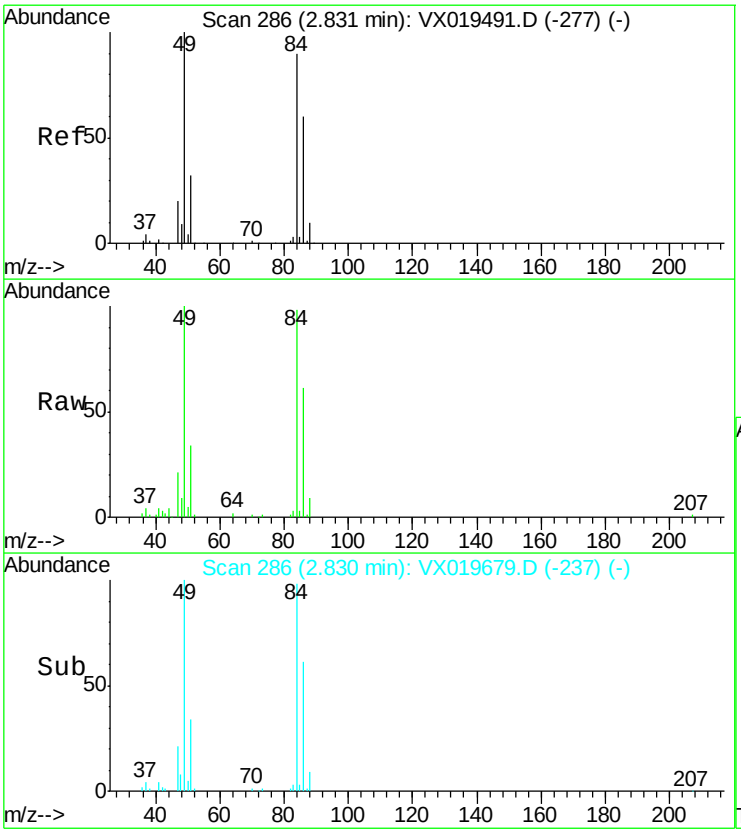
#18
Methyl Acetate
Concen: 1.541 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019679.D
Acq: 30 Nov 2020 14:47

Instrument : MSVOA_X
ClientSampleId : TP-1-2

Tgt Ion: 43 Resp: 3312

Ion	Ratio	Lower	Upper
43	100		
74	25.6	22.2	33.4

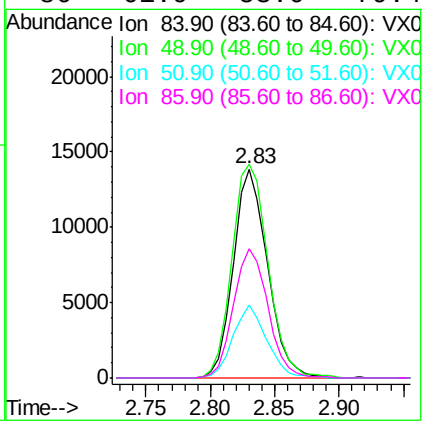


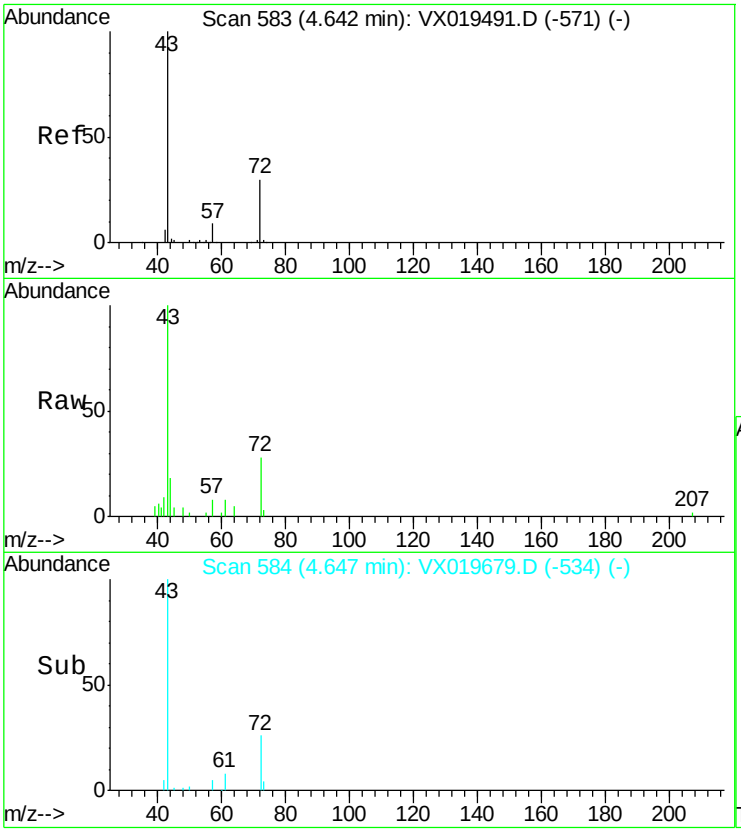


#20
Methylene Chloride
Concen: 6.943 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019679.D
Acq: 30 Nov 2020 14:47

Tgt Ion: 84 Resp: 25524

Ion	Ratio	Lower	Upper
84	100		
49	102.2	88.5	132.7
51	35.1	28.0	42.0
86	61.9	53.0	79.4



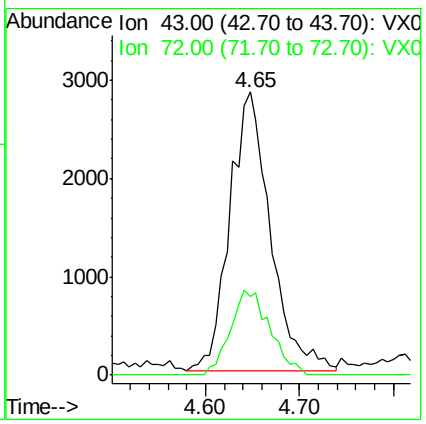


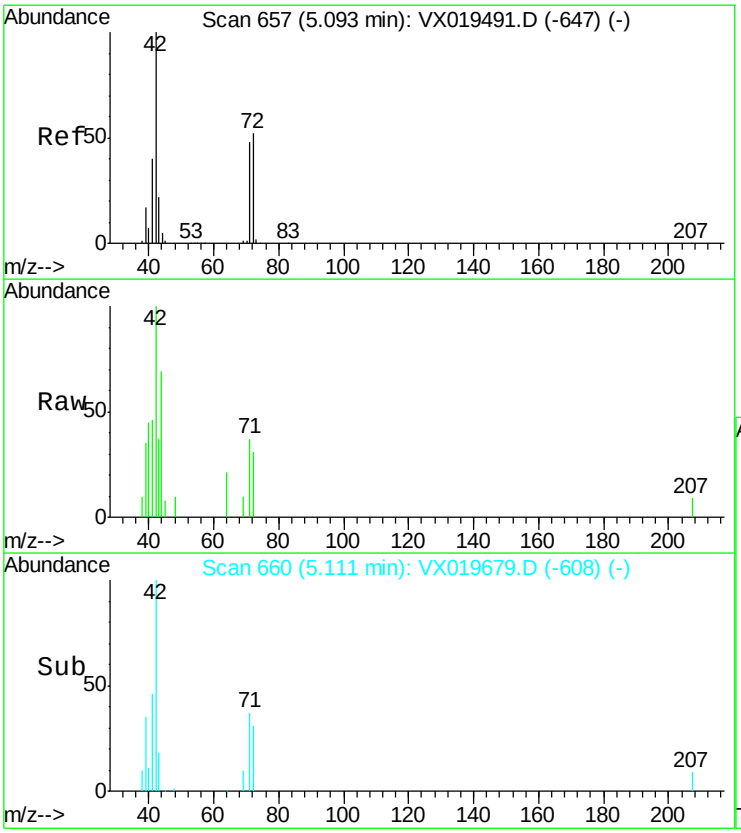
#25
2-Butanone
Concen: 3.860 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX019679.D
Acq: 30 Nov 2020 14:47

Instrument :
MSVOA_X
ClientSampleId :
TP-1-2

Tgt Ion: 43 Resp: 8528

Ion	Ratio	Lower	Upper
43	100		
72	28.3	24.0	36.0

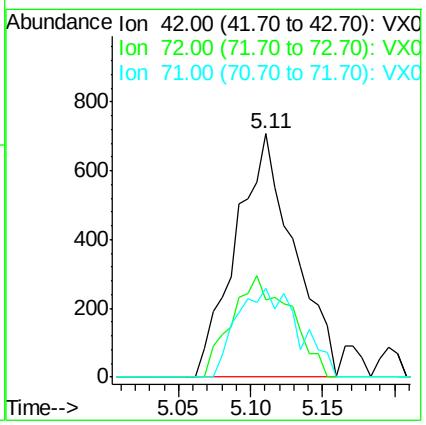


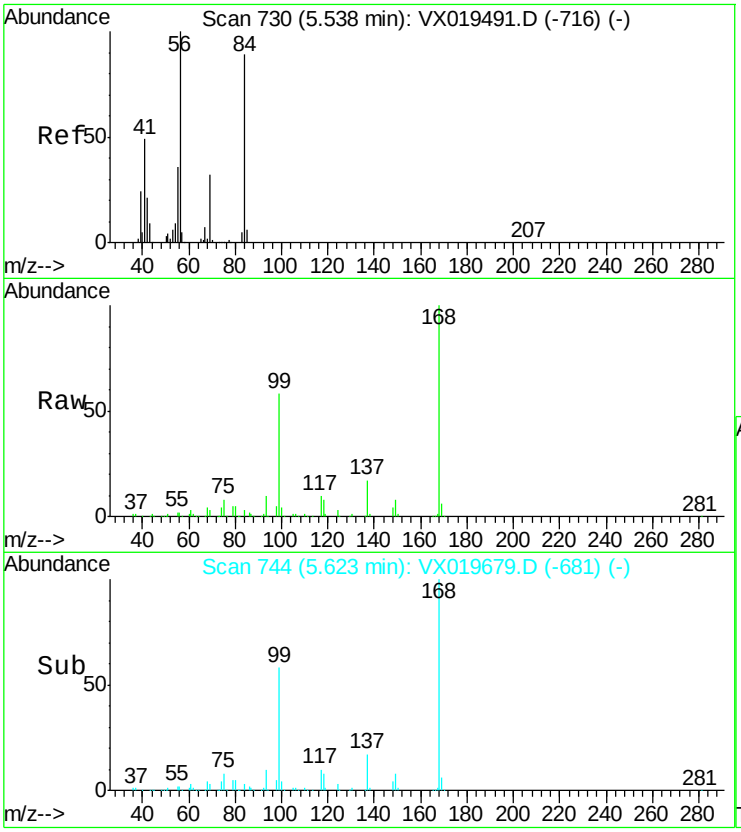


#29
Tetrahydrofuran
Concen: 1.401 ug/l
RT: 5.11 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX019679.D
Acq: 30 Nov 2020 14:47

Tgt Ion: 42 Resp: 1975

Ion	Ratio	Lower	Upper
42	100		
72	42.2	42.6	63.8#
71	39.0	39.0	58.6#



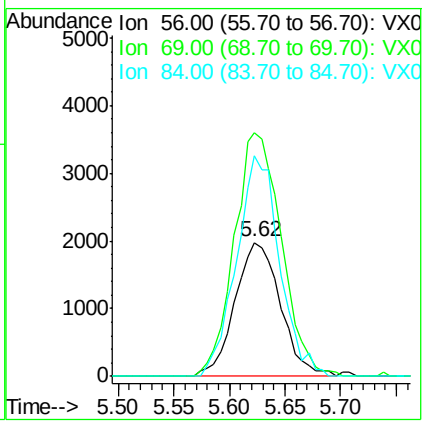


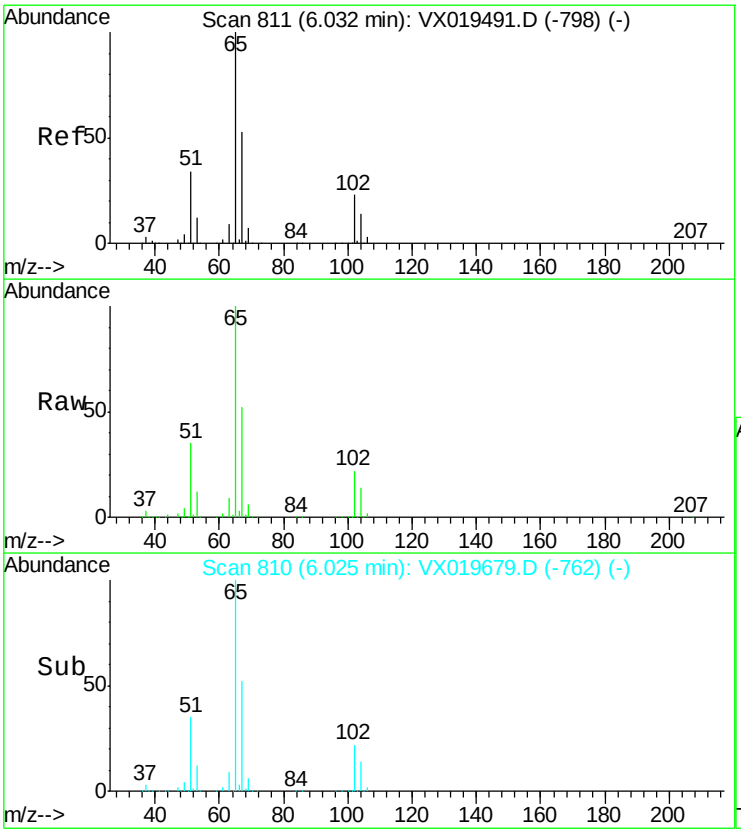
#31
Cyclohexane
Concen: 1.137 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.08 min
Lab File: VX019679.D
Acq: 30 Nov 2020 14:47

Instrument :
MSVOA_X
ClientSampleId :
TP-1-2

Tgt Ion: 56 Resp: 5626

Ion	Ratio	Lower	Upper
56	100		
69	181.6	25.5	38.3#
84	164.4	71.1	106.7#

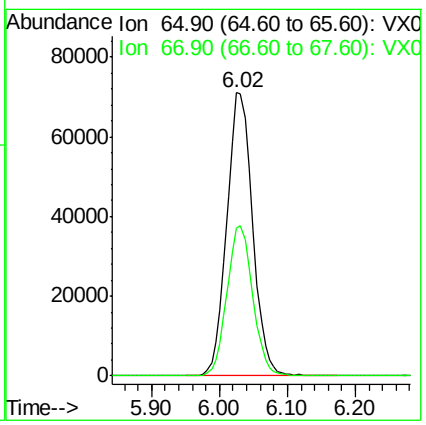


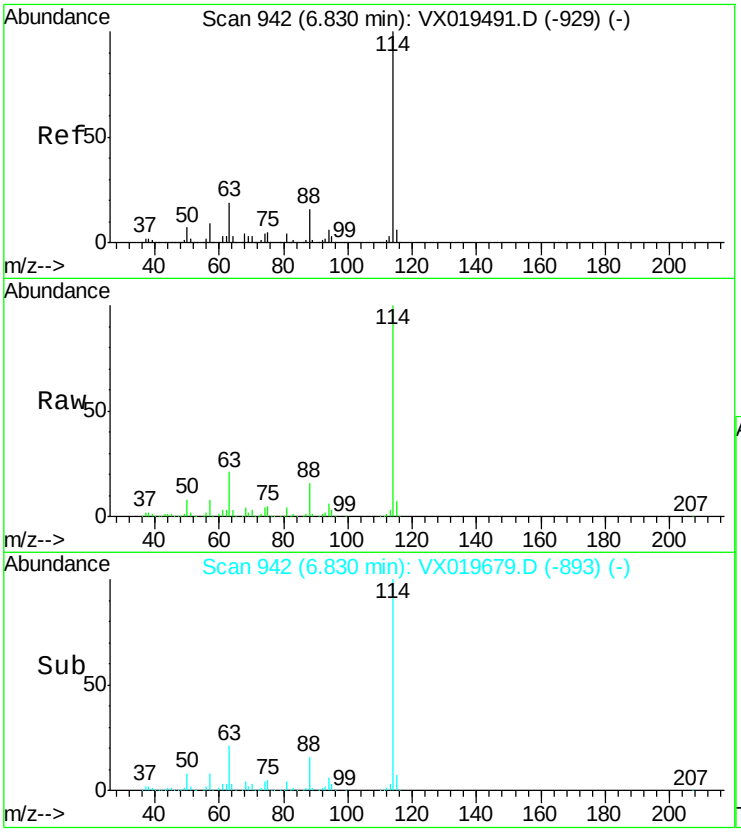


#33
1,2-Dichloroethane-d4
Concen: 49.295 ug/l
RT: 6.02 min Scan# 810
Delta R.T. -0.01 min
Lab File: VX019679.D
Acq: 30 Nov 2020 14:47

Tgt Ion: 65 Resp: 187492

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	105.0



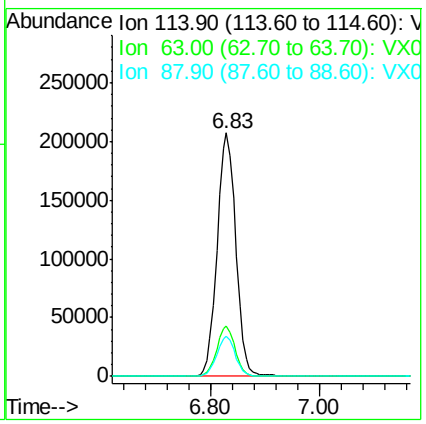


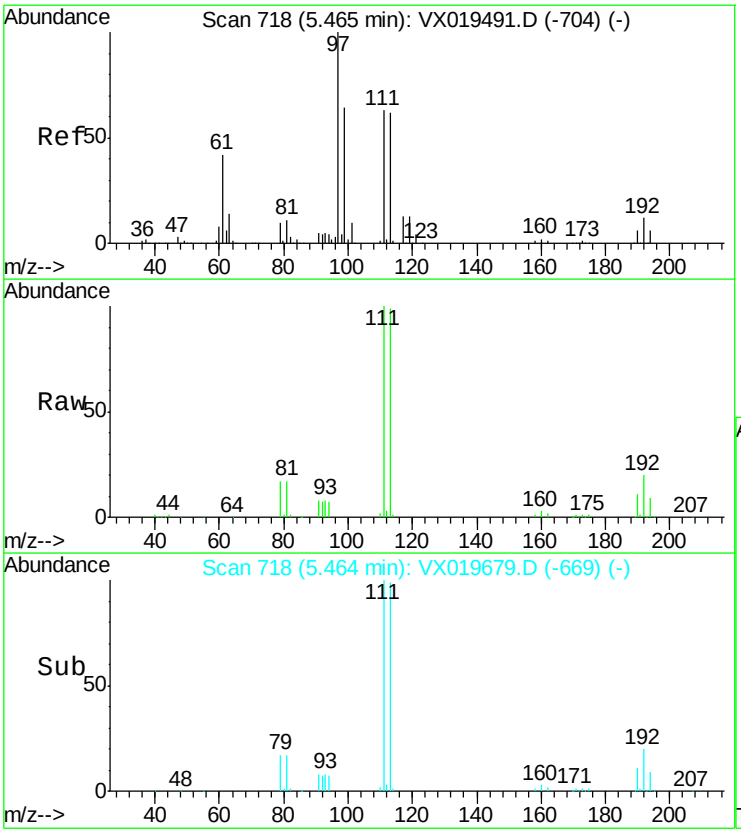
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX019679.D
Acq: 30 Nov 2020 14:47

Instrument :
MSVOA_X
ClientSampleId :
TP-1-2

Tgt Ion:114 Resp: 493122

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	38.8
88	16.3	0.0	31.6

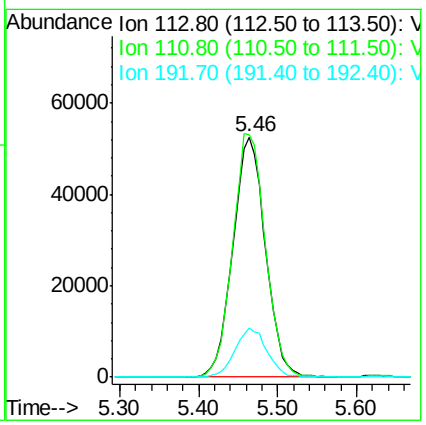


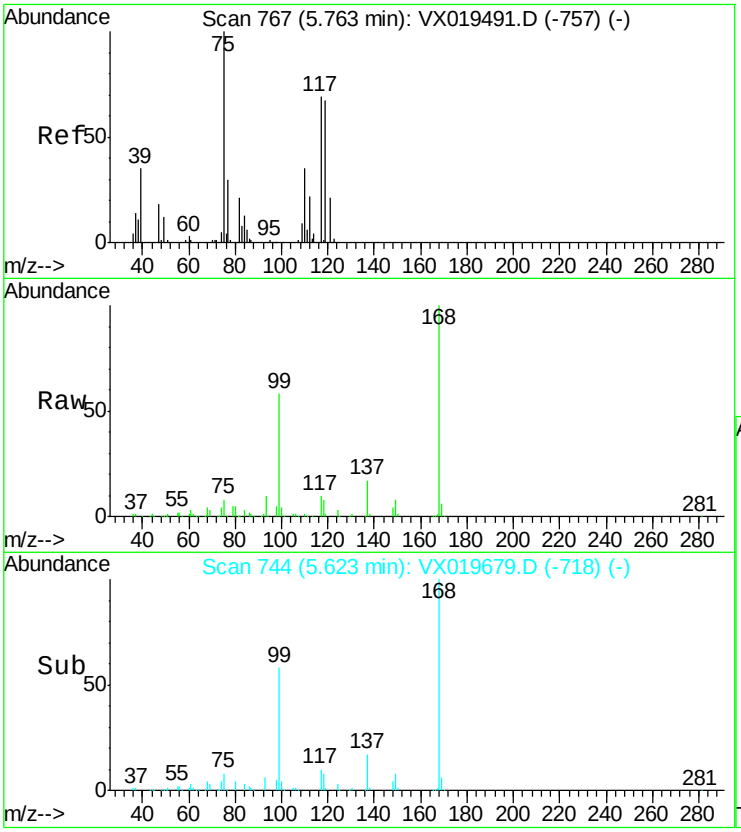


#35
Dibromofluoromethane
Concen: 48.556 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019679.D
Acq: 30 Nov 2020 14:47

Tgt Ion:113 Resp: 150298

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.5	122.3
192	19.9	16.2	24.2



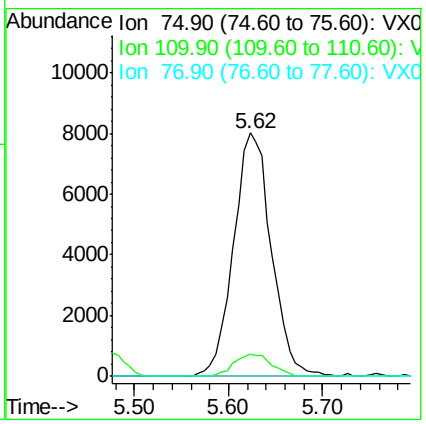


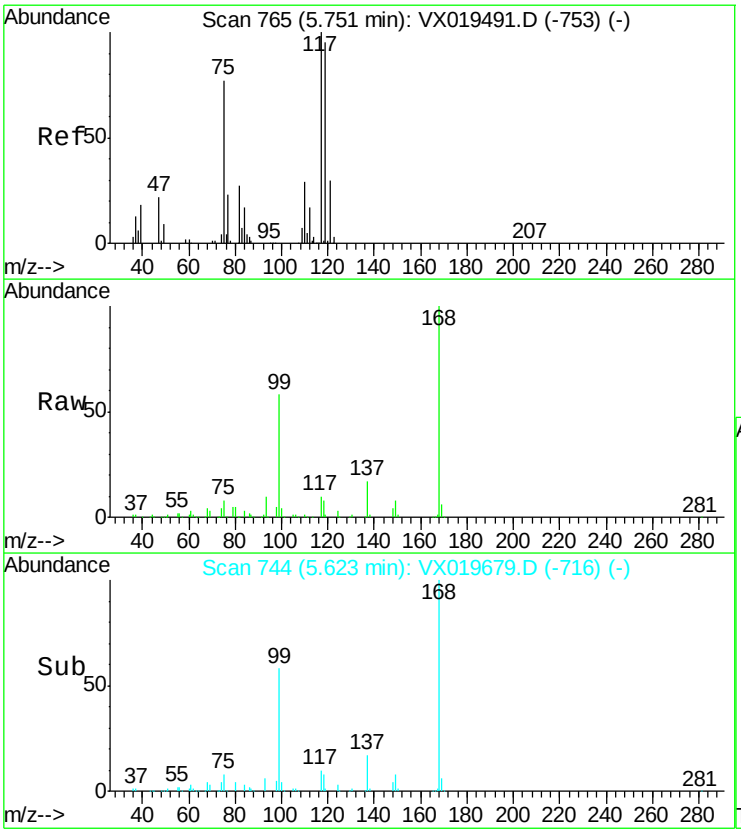
#36
1,1-Dichloropropene
Concen: 4.855 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.14 min
Lab File: VX019679.D
Acq: 30 Nov 2020 14:47

Instrument :
MSVOA_X
ClientSampleId :
TP-1-2

Tgt Ion: 75 Resp: 22444

Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.3#
77	0.0	24.2	36.4#

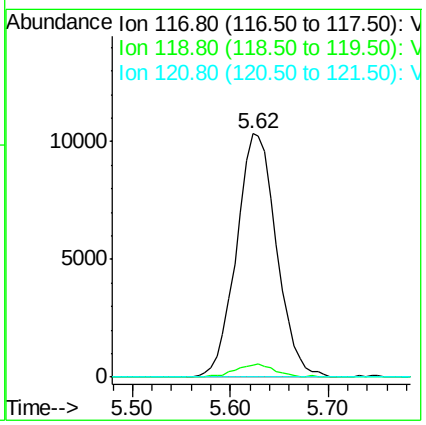


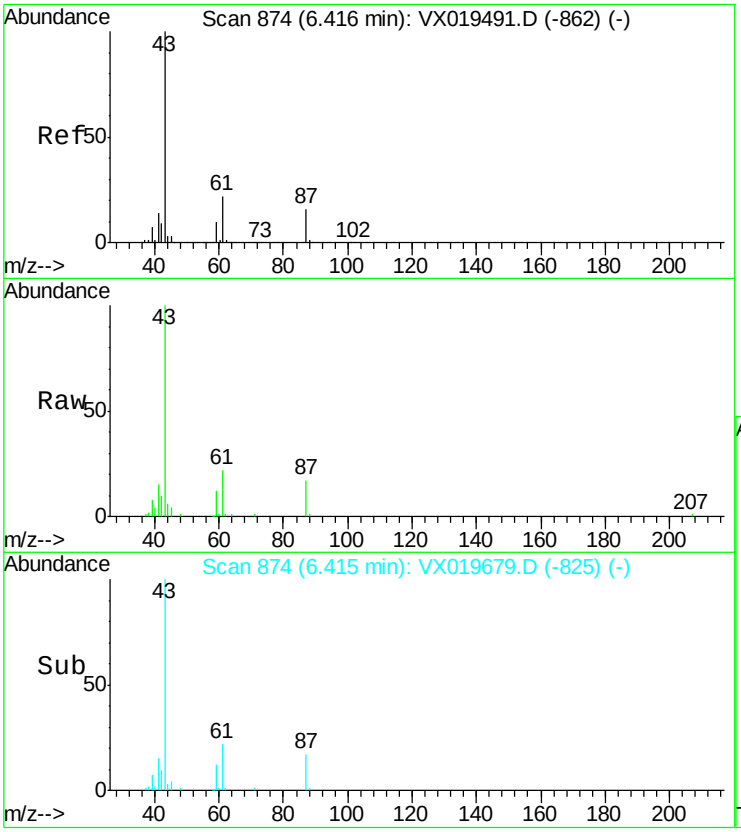


#38
Carbon Tetrachloride
Concen: 6.554 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.13 min
Lab File: VX019679.D
Acq: 30 Nov 2020 14:47

Tgt Ion:117 Resp: 29329

Ion	Ratio	Lower	Upper
117	100		
119	5.1	75.9	113.9#
121	0.0	24.0	36.0#



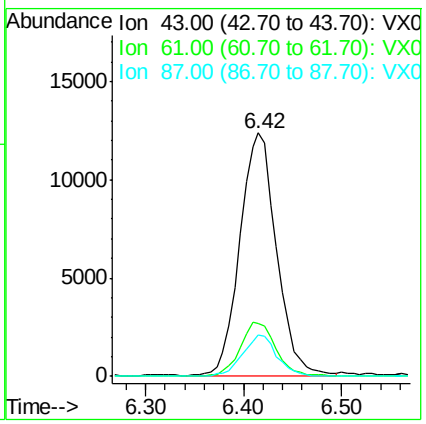


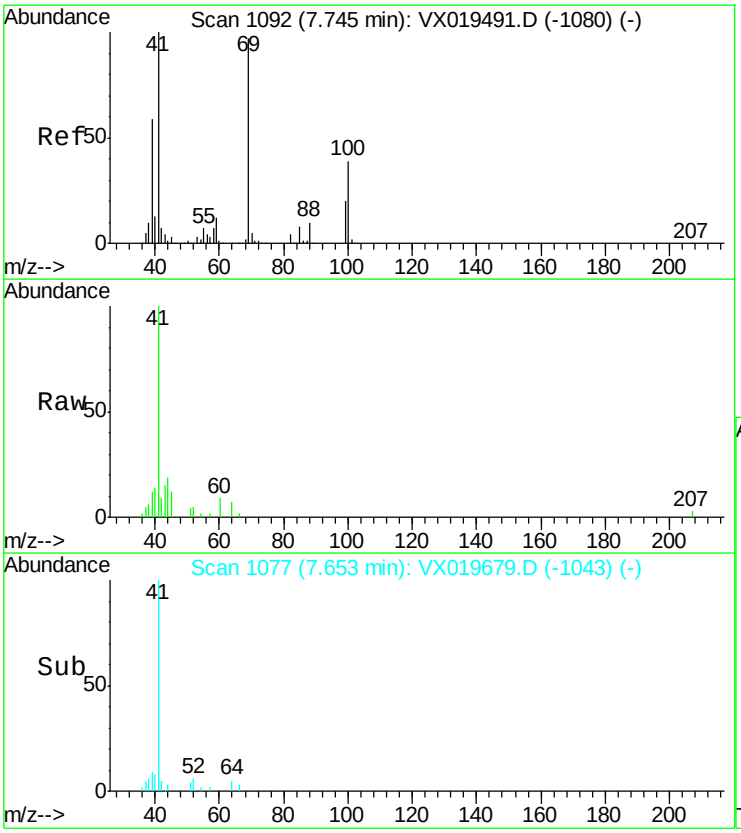
#43
Isopropyl Acetate
Concen: 4.426 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX019679.D
Acq: 30 Nov 2020 14:47

Instrument :
MSVOA_X
ClientSampleId :
TP-1-2

Tgt Ion: 43 Resp: 32289

Ion	Ratio	Lower	Upper
43	100		
61	21.5	18.2	27.2
87	15.6	12.6	18.8

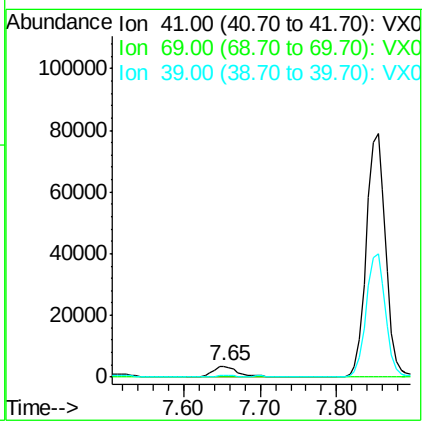


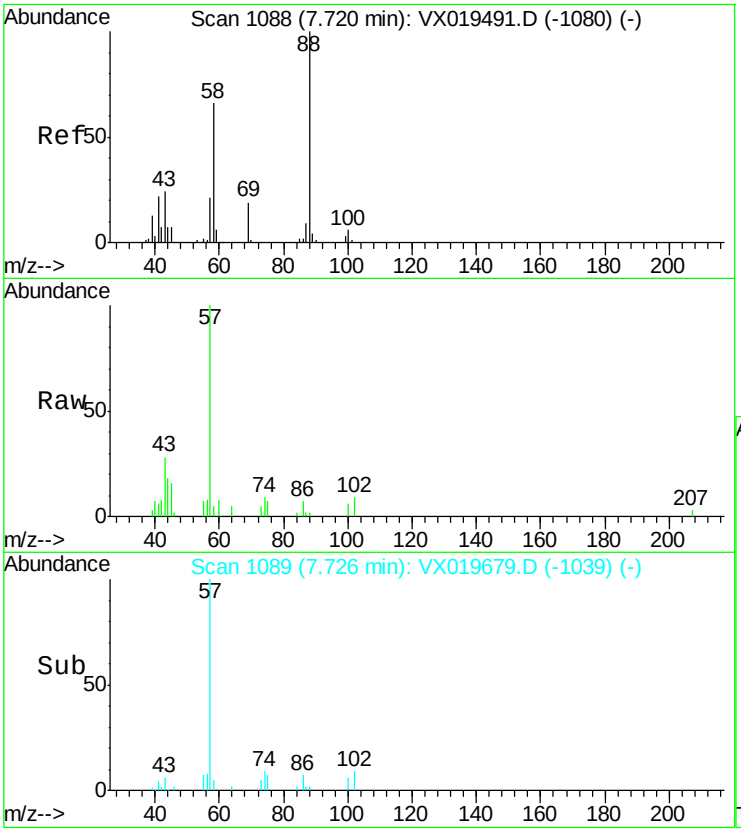


#48
Methyl methacrylate
Concen: 2.341 ug/l
RT: 7.65 min Scan# 1077
Delta R.T. -0.09 min
Lab File: VX019679.D
Acq: 30 Nov 2020 14:47

Tgt Ion: 41 Resp: 7999

Ion	Ratio	Lower	Upper
41	100		
69	0.0	77.0	115.6#
39	0.0	45.6	68.4#



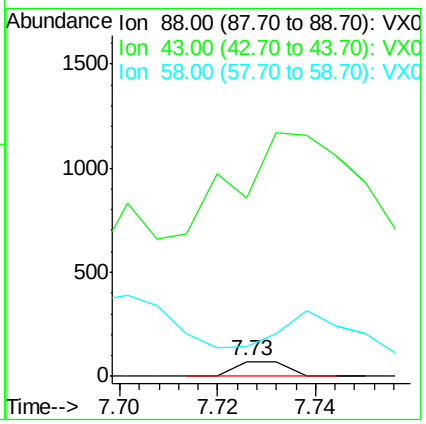


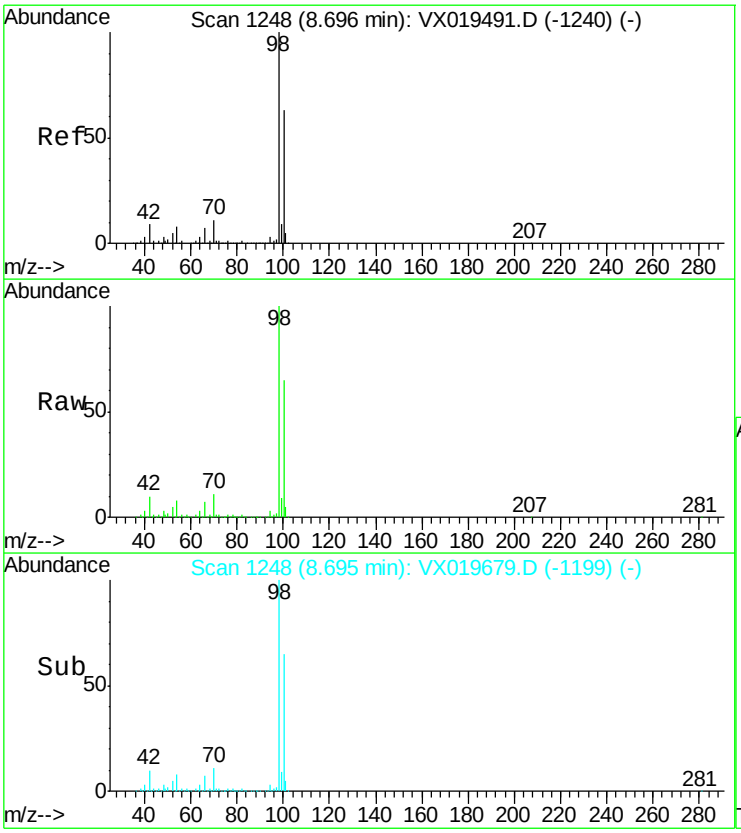
#49
1,4-Dioxane
Concen: 0.683 ug/l
RT: 7.73 min Scan# 1089
Delta R.T. 0.01 min
Lab File: VX019679.D
Acq: 30 Nov 2020 14:47

Instrument :
MSVOA_X
ClientSampleId :
TP-1-2

Tgt Ion: 88 Resp: 53

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.8	35.6#
58	920.8	54.2	81.2#

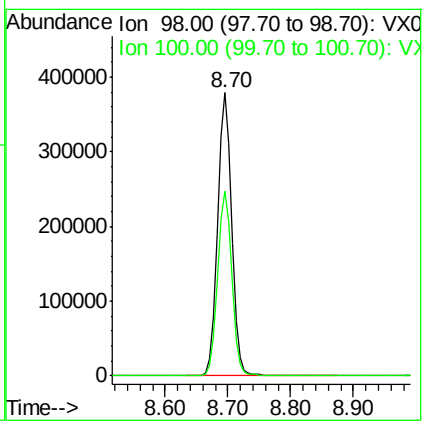


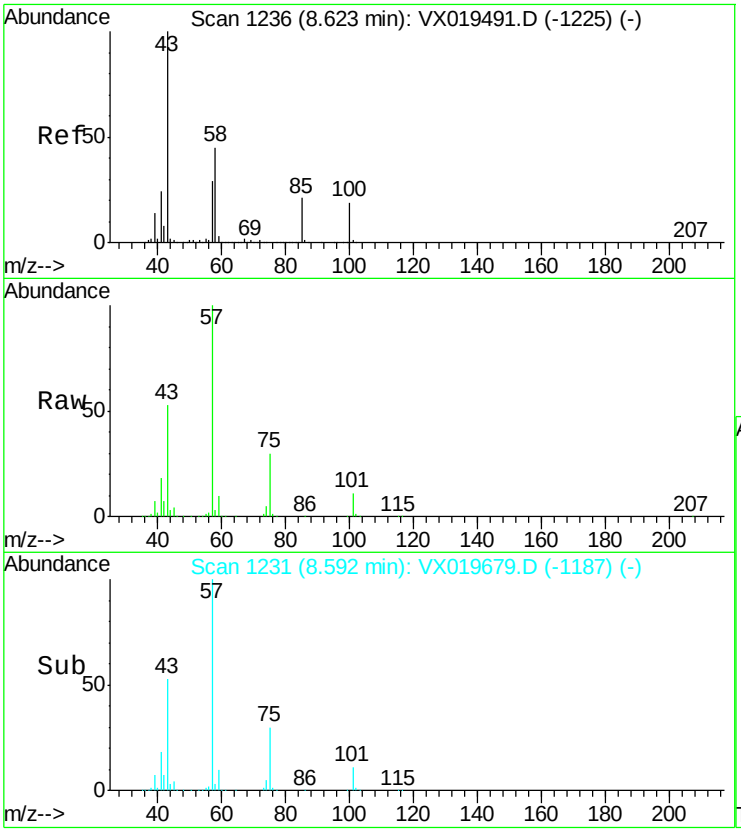


#50
Toluene-d8
Concen: 48.891 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019679.D
Acq: 30 Nov 2020 14:47

Tgt Ion: 98 Resp: 588066

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.4	78.6



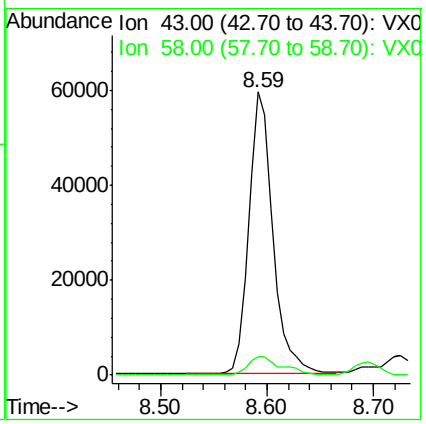


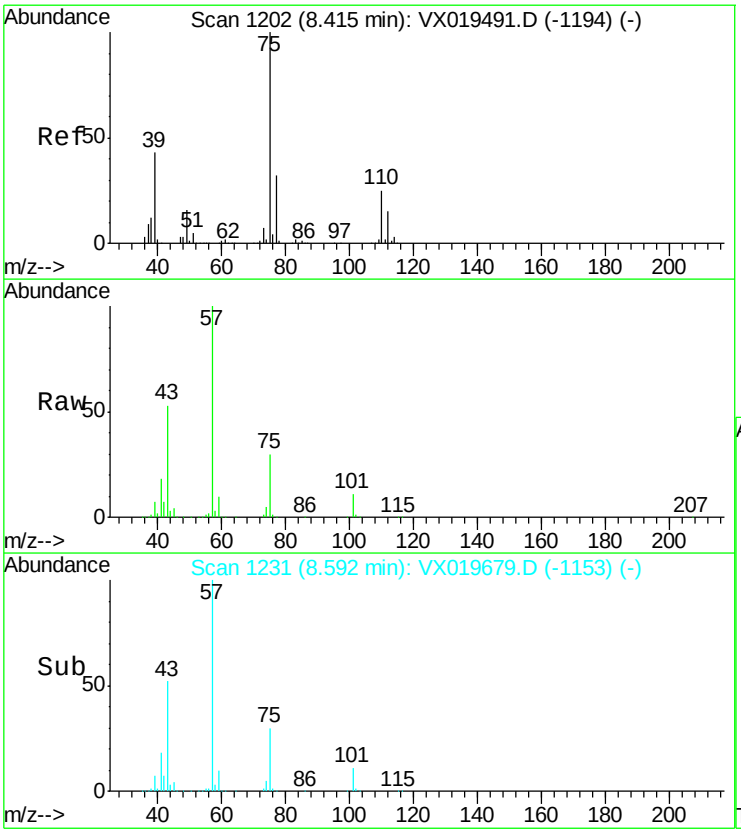
#51
4-Methyl-2-Pentanone
Concen: 22.274 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.03 min
Lab File: VX019679.D
Acq: 30 Nov 2020 14:47

Instrument :
MSVOA_X
ClientSampleId :
TP-1-2

Tgt Ion: 43 Resp: 94760

Ion	Ratio	Lower	Upper
43	100		
58	9.3	35.1	52.7#

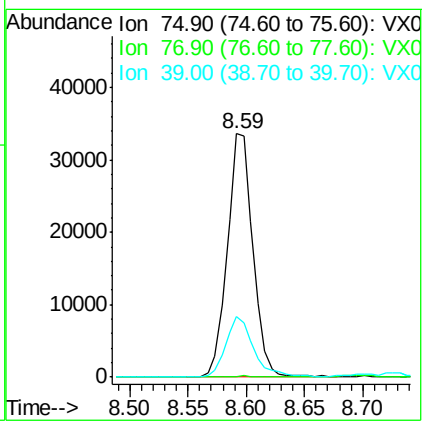


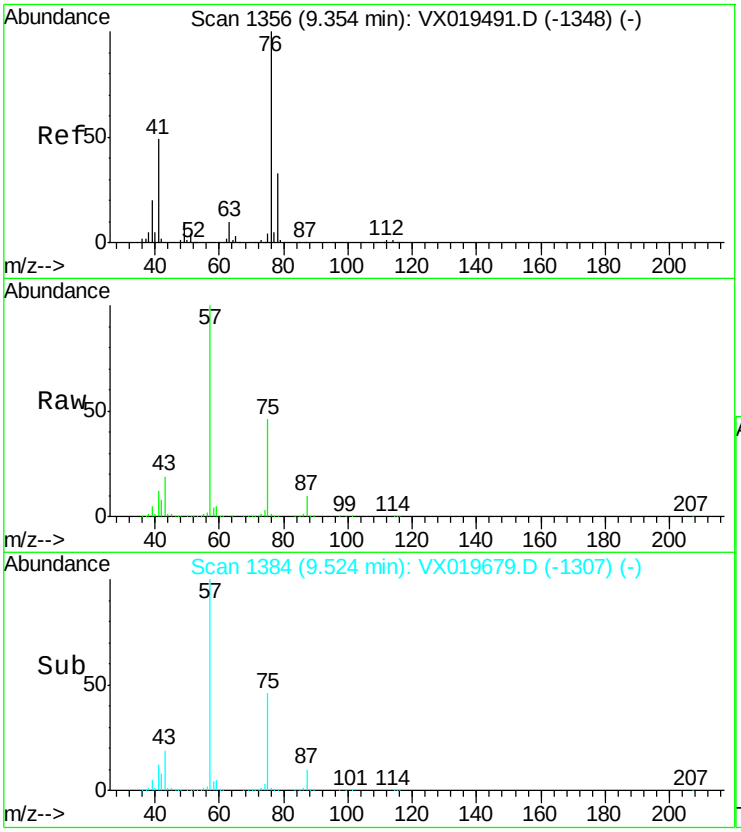


#54
cis-1,3-Dichloropropene
Concen: 9.219 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. 0.18 min
Lab File: VX019679.D
Acq: 30 Nov 2020 14:47

Tgt Ion: 75 Resp: 51312

Ion	Ratio	Lower	Upper
75	100		
77	0.4	25.8	38.6#
39	24.7	34.6	51.8#



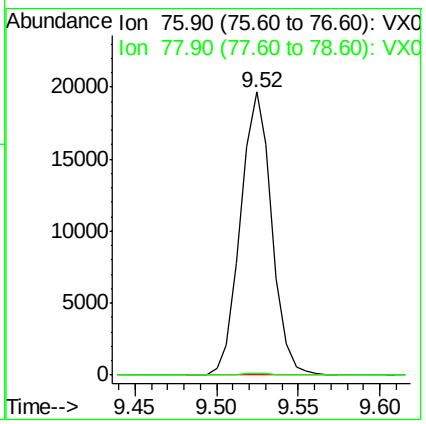


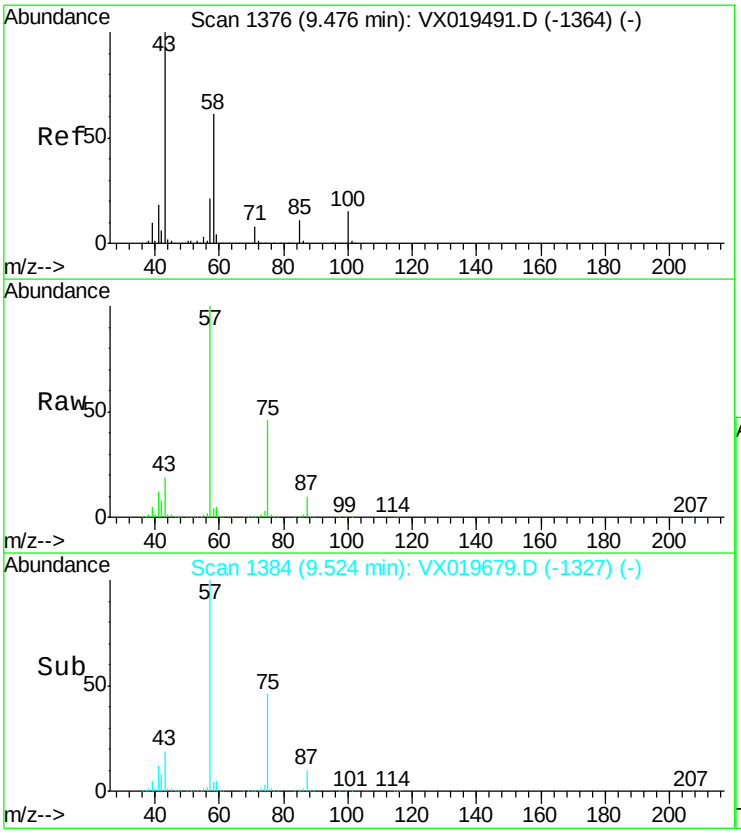
#57
1,3-Dichloropropane
Concen: 4.434 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.17 min
Lab File: VX019679.D
Acq: 30 Nov 2020 14:47

Instrument :
MSVOA_X
ClientSampleId :
TP-1-2

Tgt Ion: 76 Resp: 26273

Ion	Ratio	Lower	Upper
76	100		
78	0.6	25.7	38.5#

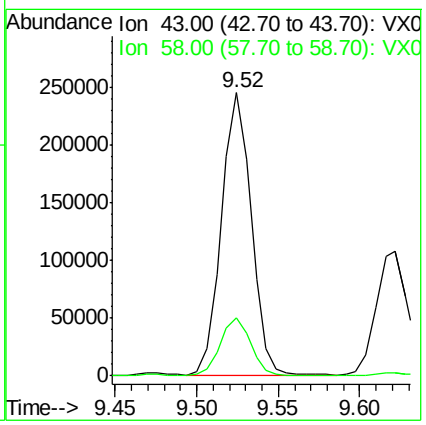


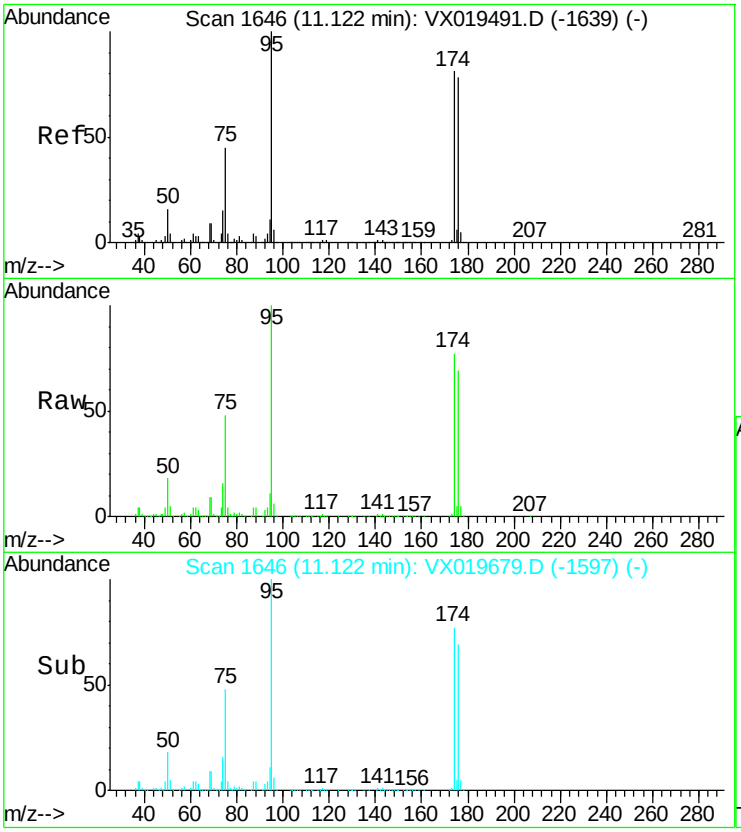


#59
2-Hexanone
Concen: 96.189 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX019679.D
Acq: 30 Nov 2020 14:47

Tgt Ion: 43 Resp: 310362

Ion	Ratio	Lower	Upper
43	100		
58	21.1	30.6	91.6#



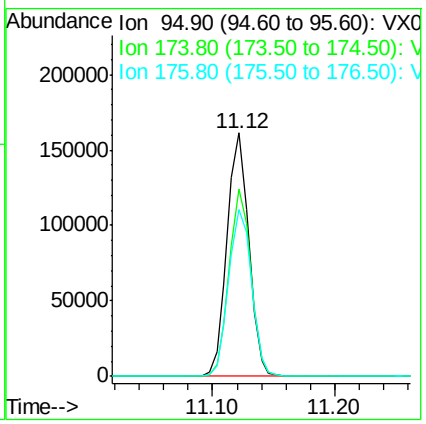


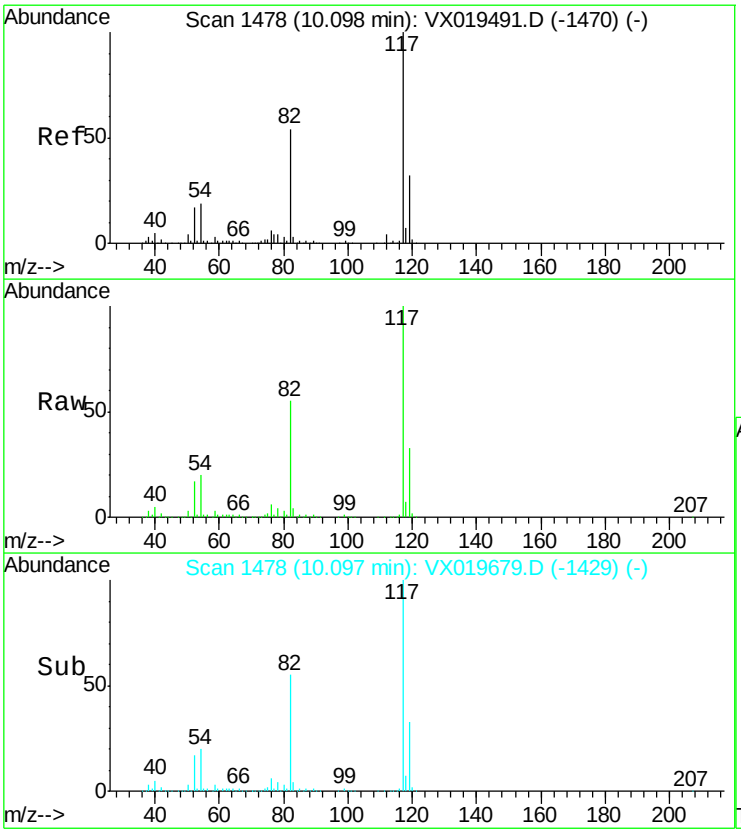
#62
4-Bromofluorobenzene
Concen: 45.671 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019679.D
Acq: 30 Nov 2020 14:47

Instrument :
MSVOA_X
ClientSampleId :
TP-1-2

Tgt Ion: 95 Resp: 197642

Ion	Ratio	Lower	Upper
95	100		
174	77.2	0.0	156.2
176	72.2	0.0	151.4

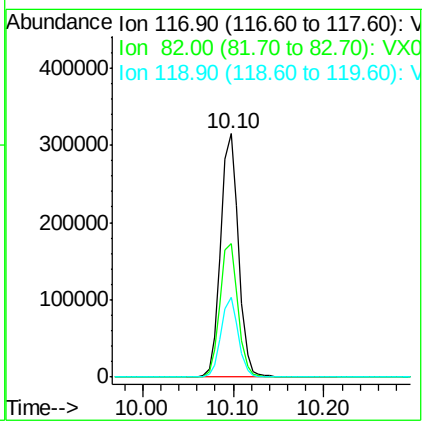


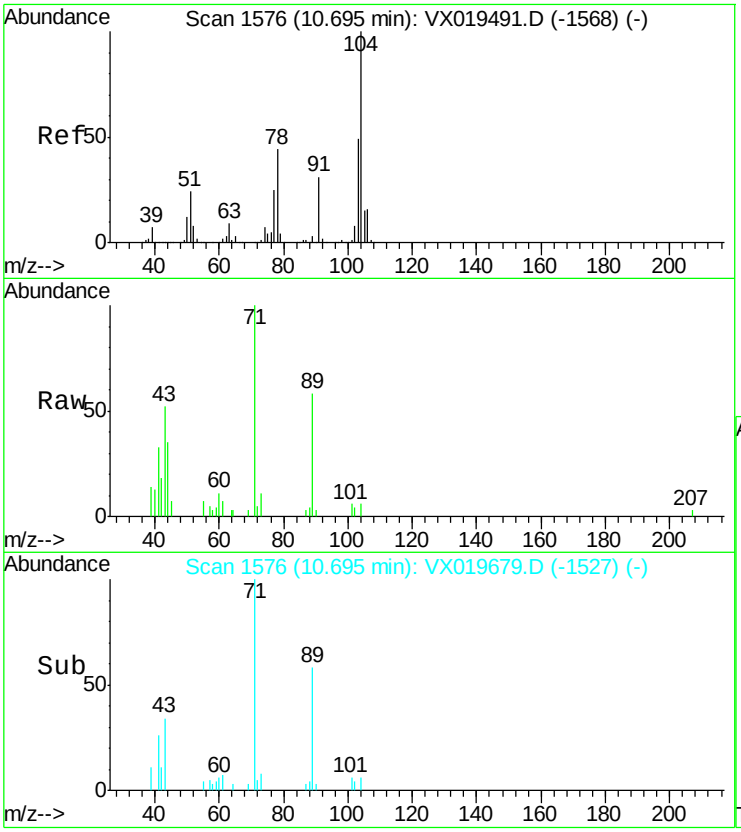


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019679.D
Acq: 30 Nov 2020 14:47

Tgt Ion:117 Resp: 430535

Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.0	64.4
119	32.7	25.6	38.4



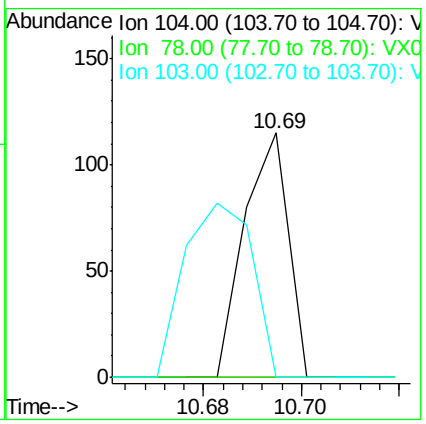


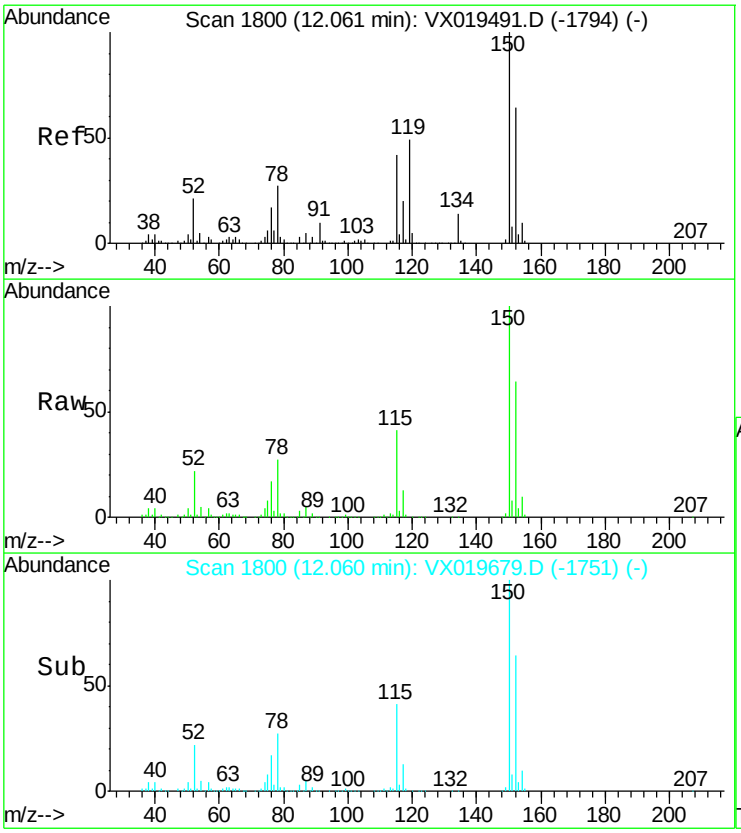
#70
Stvrene
Concen: 1.652 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019679.D
Acq: 30 Nov 2020 14:47

Instrument :
MSVOA_X
ClientSampleId :
TP-1-2

Tgt Ion:104 Resp: 71

Ion	Ratio	Lower	Upper
104	100		
78	0.0	39.5	59.3#
103	111.3	43.6	65.4#

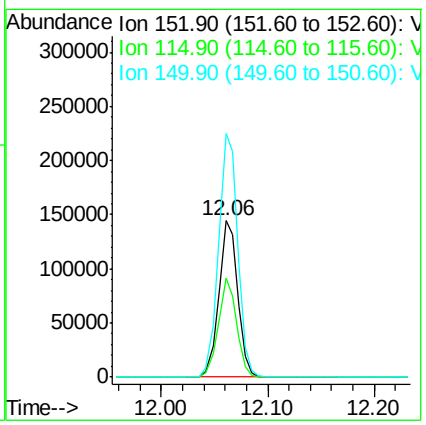


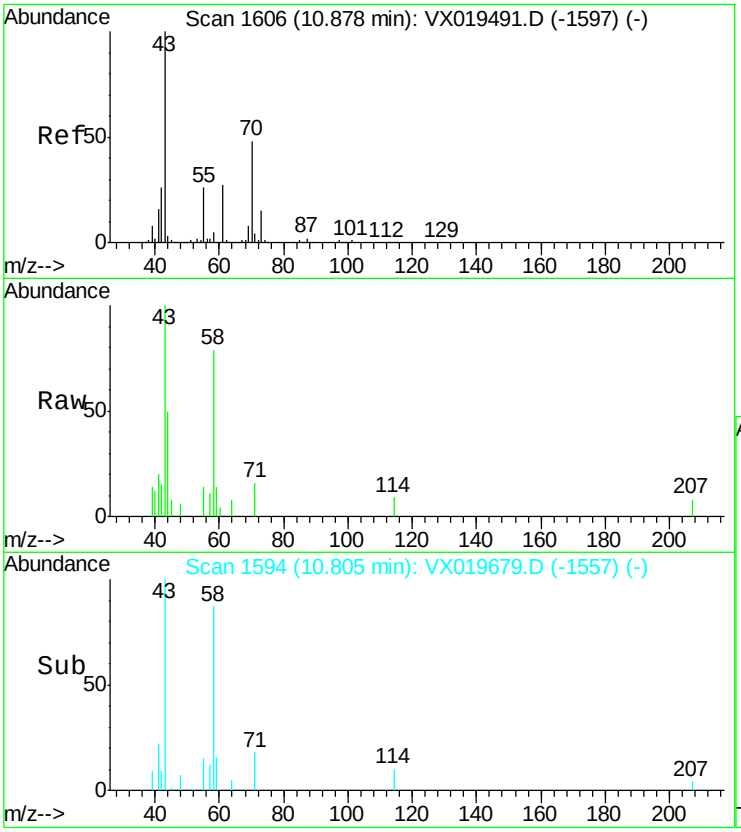


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019679.D
Acq: 30 Nov 2020 14:47

Tgt Ion:152 Resp: 176964

Ion	Ratio	Lower	Upper
152	100		
115	61.3	41.8	125.4
150	158.7	0.0	348.2



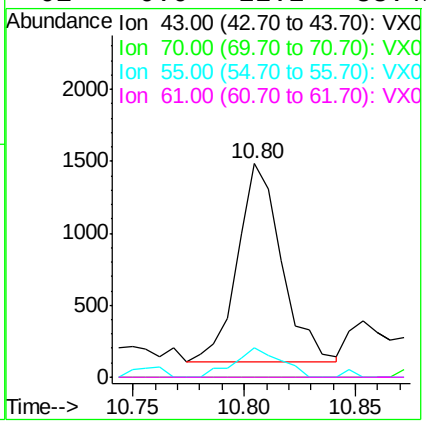


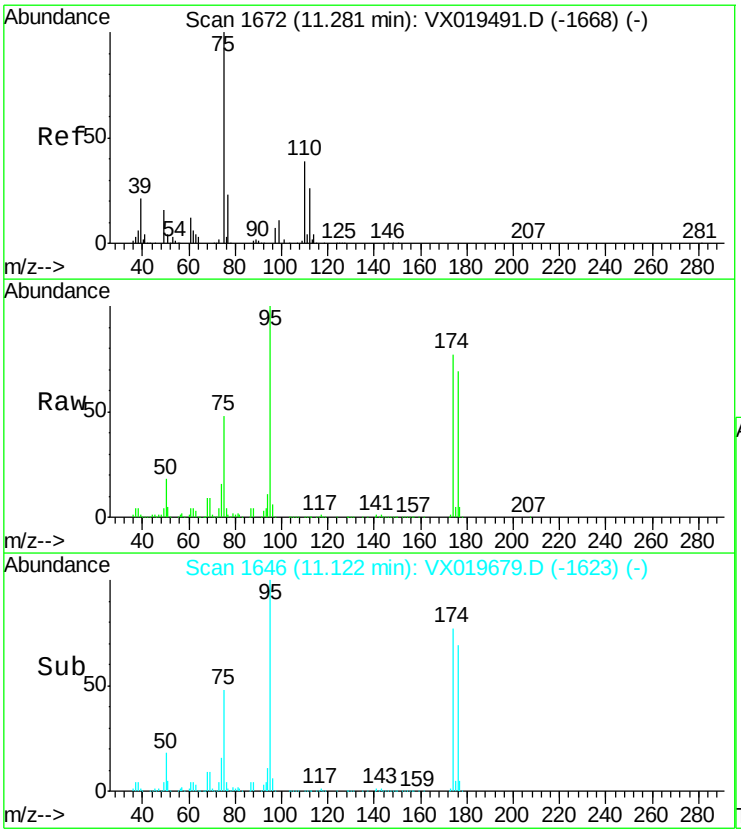
#74
N-amyl acetate
Concen: 0.418 ug/l
RT: 10.80 min Scan# 1594
Delta R.T. -0.07 min
Lab File: VX019679.D
Acq: 30 Nov 2020 14:47

Instrument : MSVOA_X
ClientSampleId : TP-1-2

Tgt Ion: 43 Resp: 1918

Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.7	59.5#
55	15.3	21.8	32.6#
61	0.0	22.2	33.4#

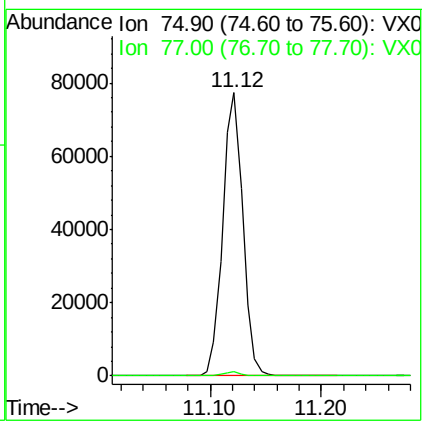


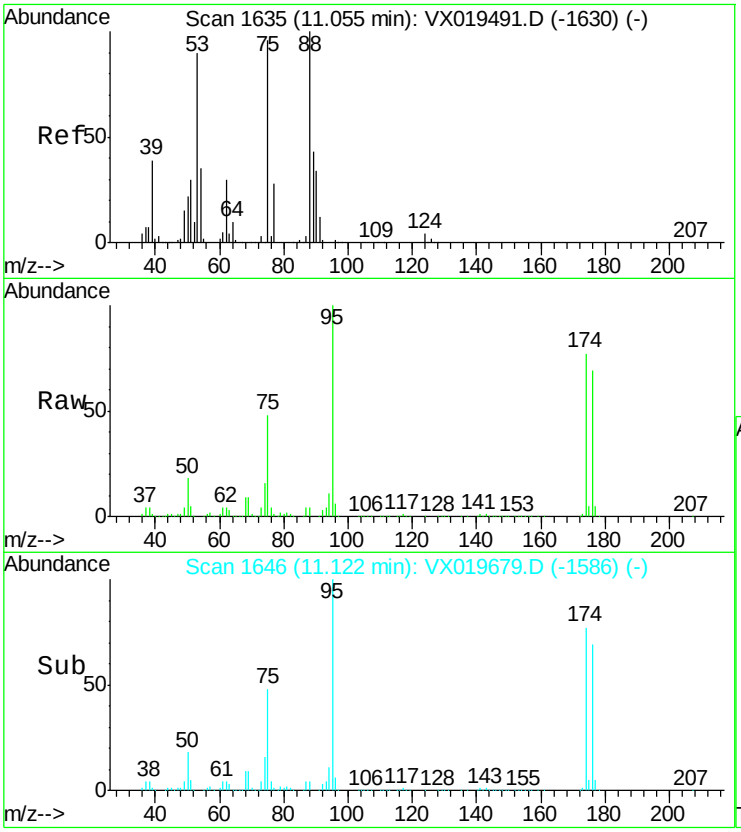


#76
1,2,3-Trichloropropane
Concen: 24.942 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX019679.D
Acq: 30 Nov 2020 14:47

Tgt Ion: 75 Resp: 96323

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.0	60.0#



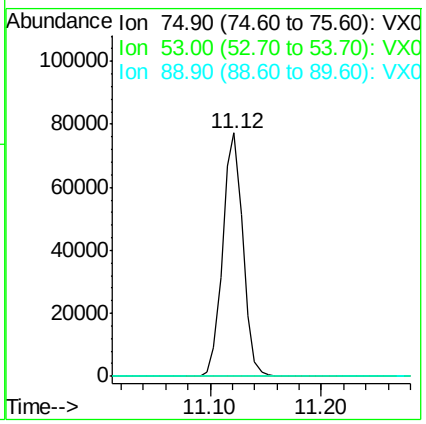


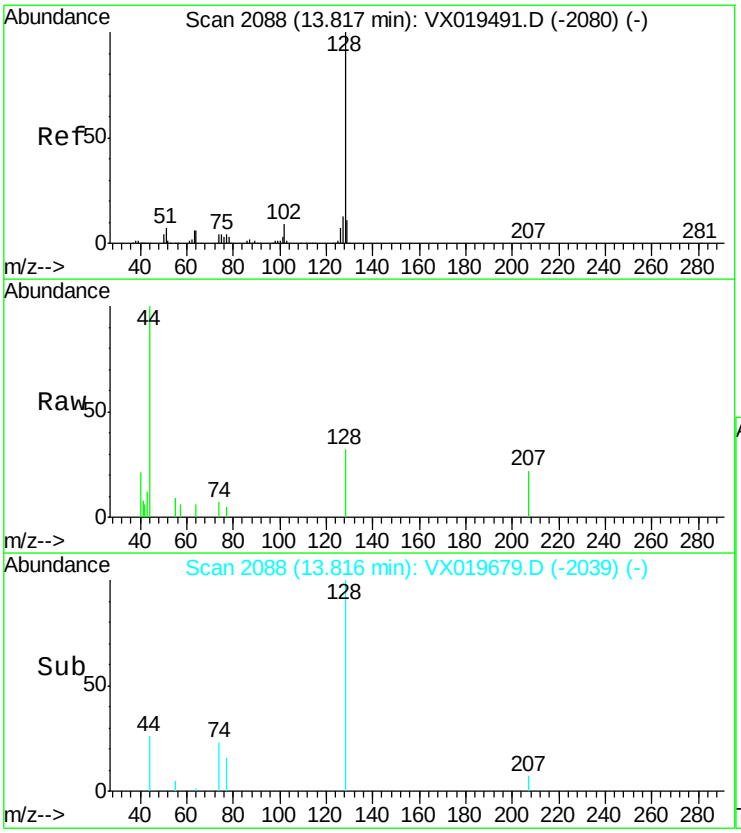
#81
trans-1,4-Dichloro-2-butene
Concen: 65.895 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX019679.D
Acq: 30 Nov 2020 14:47

Instrument :
MSVOA_X
ClientSampleId :
TP-1-2

Tgt Ion: 75 Resp: 96323

Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.9	110.9#
89	0.0	37.3	55.9#





#95
Naphthalene
Concen: 2.208 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019679.D
Acq: 30 Nov 2020 14:47

Tgt Ion:128 Resp: 409

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.7	13.1#