Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX113020\
Data File : VX019677.D
Acq On : 30 Nov 2020 14:00
Operator : JC/MD
Sample : PB133266ZHE#04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB133266ZHE#04

Quant Time: Dec 01 02:39:51 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	303123	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	507955	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	431229	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	169161	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	189930	48.33	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 96.66%			
35) Dibromofluoromethane	5.46	113	152926	47.96	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.92%			
50) Toluene-d8	8.70	98	603858	48.74	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.48%			
62) 4-Bromofluorobenzene	11.12	95	191333	42.92	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 85.84%			
Target Compounds						Qvalue
5) Bromomethane	1.62	94	381	0.276	ug/l #	43
6) Chloroethane	1.70	64	1758	Below Cal	#	58
11) Tert butyl alcohol	2.99	59	15874	21.342	ug/l #	75
13) Acrolein	2.28	56	318	0.636	ug/l #	65
16) Acetone	2.43	43	11687	7.689	ug/l	94
18) Methyl Acetate	2.76	43	3194	1.481	ug/l	94
20) Methylene Chloride	2.83	84	22308	5.872	ug/l	96
25) 2-Butanone	4.64	43	7798	3.415	ug/l	94
29) Tetrahydrofuran	5.11	42	2097	1.439	ug/l #	79
31) Cyclohexane	5.62	56	6122	1.198	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	23335	4.900	ug/l #	49
38) Carbon Tetrachloride	5.63	117	29806	6.466	ug/l #	16
43) Isopropyl Acetate	6.42	43	43393	5.774	ug/l	98
48) Methyl methacrylate	7.65	41	7666	2.178	ug/l #	9
49) 1,4-Dioxane	7.85	88	232	2.903	ug/l #	1
51) 4-Methyl-2-Pentanone	8.59	43	101669	23.200	ug/l #	46
52) Toluene	8.76	92	3074	0.343	ug/l	93
54) cis-1,3-Dichloropropene	8.59	75	55436	9.669	ug/l #	59
57) 1,3-Dichloropropane	9.52	76	27583	4.520	ug/l #	44
59) 2-Hexanone	9.52	43	323473	97.325	ug/l #	48
70) Styrene	10.69	104	241	1.669	ug/l #	62
74) N-amyl acetate	10.80	43	2122	0.484	ug/l #	45
76) 1,2,3-Trichloropropane	11.12	75	92374	25.022	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.49	105	3560	0.363	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.12	75	92374	66.095	ug/l #	12
95) Naphthalene	13.82	128	424	2.211	ug/l #	76

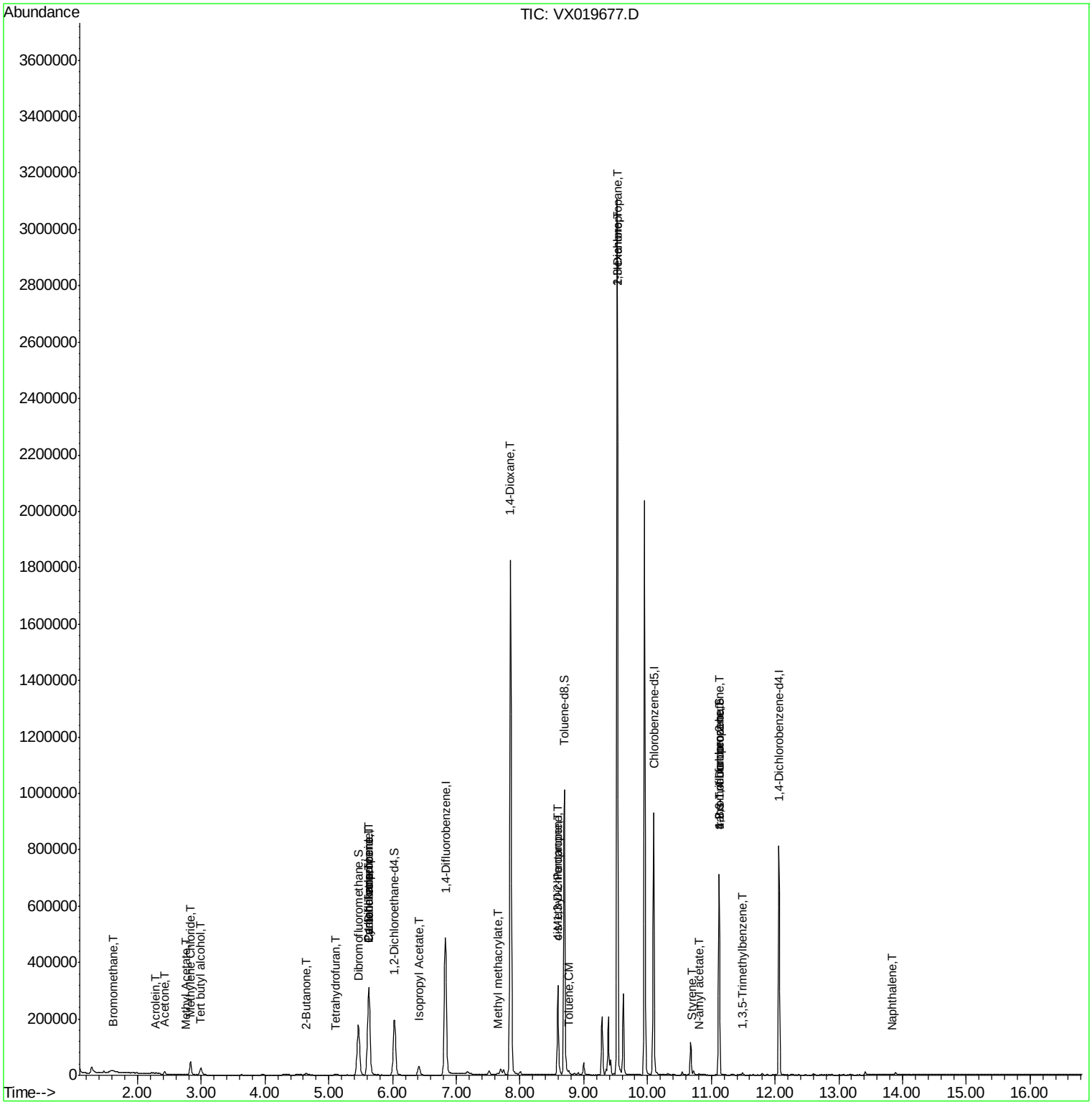
(#) = qualifier out of range (m) = manual integration (+) = signals summed

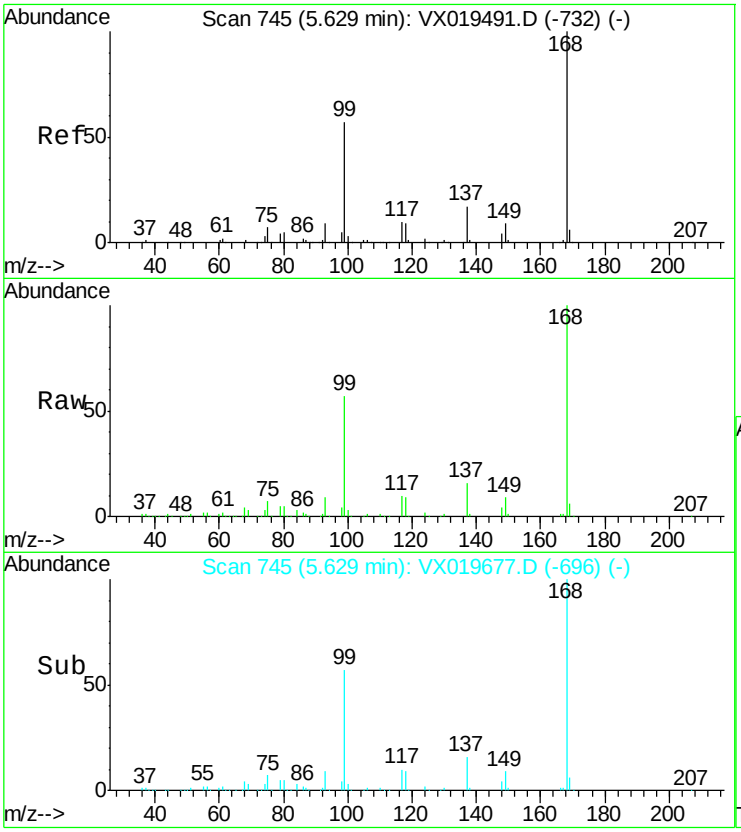
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX113020\
Data File : VX019677.D
Acq On : 30 Nov 2020 14:00
Operator : JC/MD
Sample : PB133266ZHE#04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB133266ZHE#04

Quant Time: Dec 01 02:39:51 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



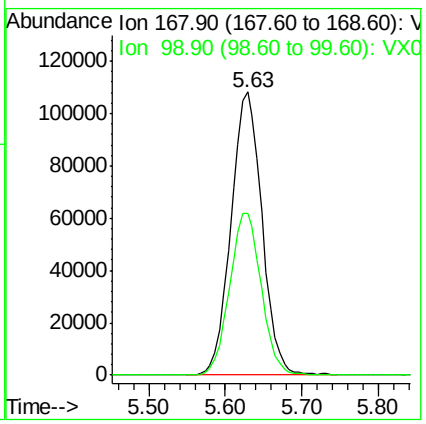


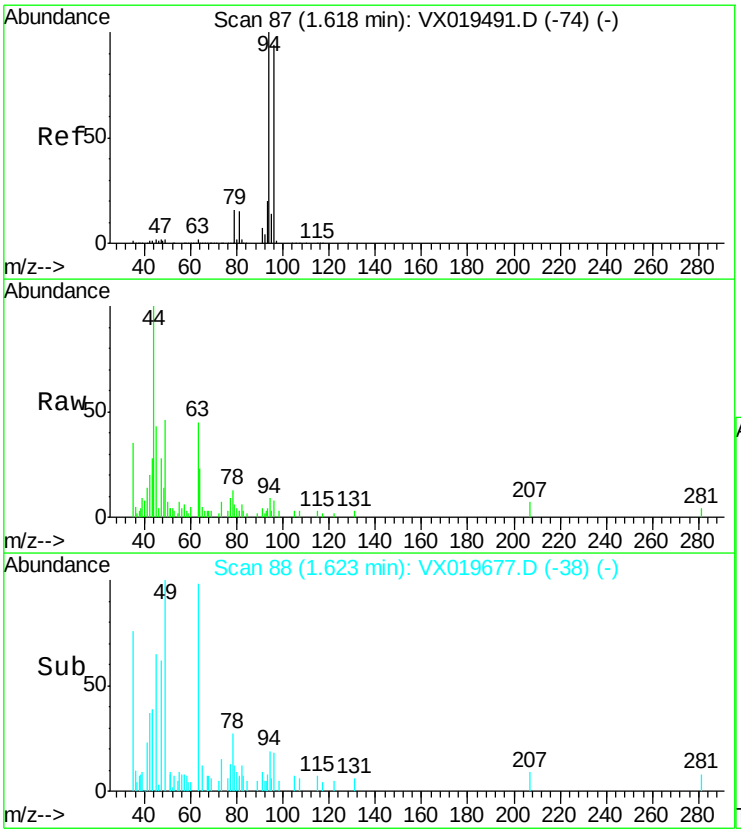
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.00 min
Lab File: VX019677.D
Acq: 30 Nov 2020 14:00

Instrument :
MSVOA_X
ClientSampleId :
PB133266ZHE#04

Tgt Ion:168 Resp: 303123

Ion	Ratio	Lower	Upper
168	100		
99	57.1	45.8	68.6

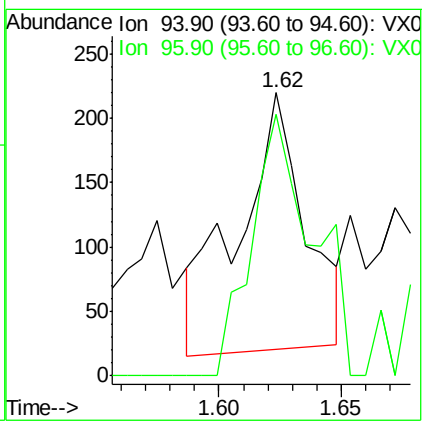


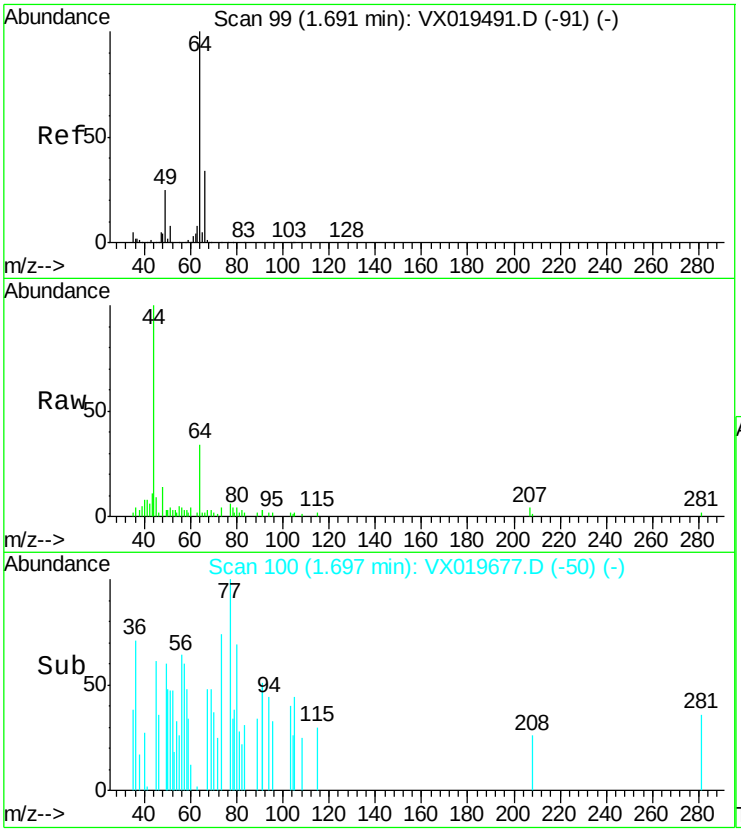


#5
Bromomethane
Concen: 0.276 ug/l
RT: 1.62 min Scan# 88
Delta R.T. 0.01 min
Lab File: VX019677.D
Acq: 30 Nov 2020 14:00

Tgt Ion: 94 Resp: 381

Ion	Ratio	Lower	Upper
94	100		
96	149.3	75.6	113.4#



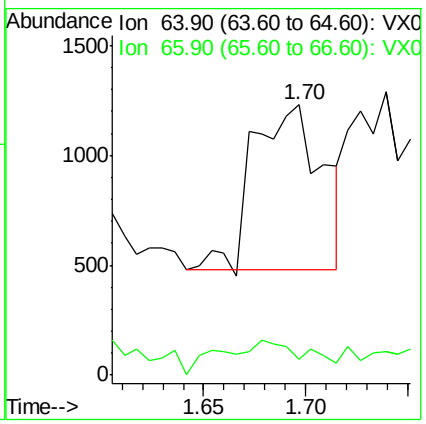


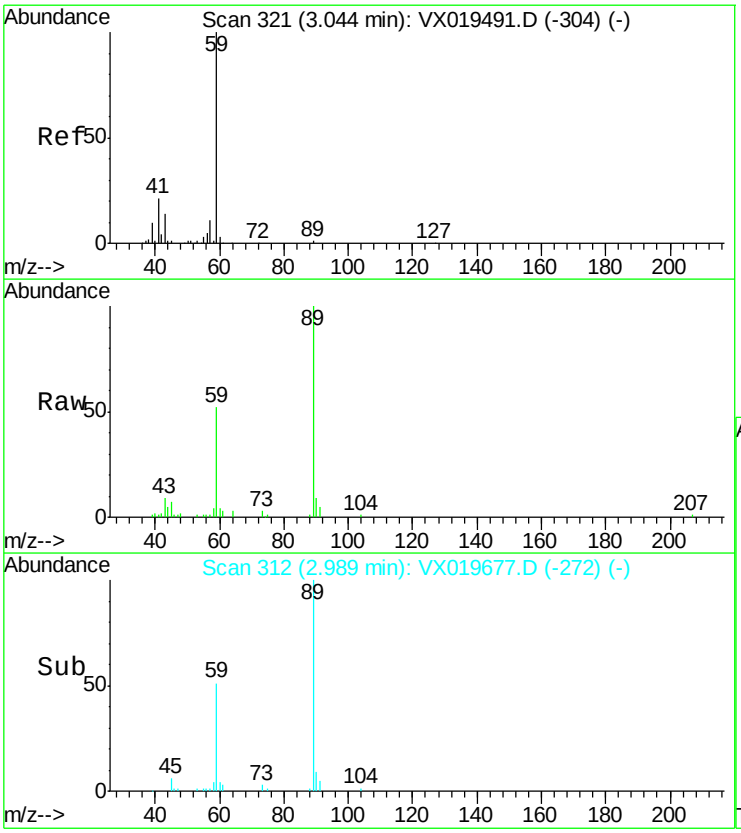
#6
Chloroethane
Concen: Below Cal
RT: 1.70 min Scan# 100
Delta R.T. 0.01 min
Lab File: VX019677.D
Acq: 30 Nov 2020 14:00

Instrument :
MSVOA_X
ClientSampleId :
PB133266ZHE#04

Tgt Ion: 64 Resp: 1758

Ion	Ratio	Lower	Upper
64	100		
66	9.9	27.1	40.7#

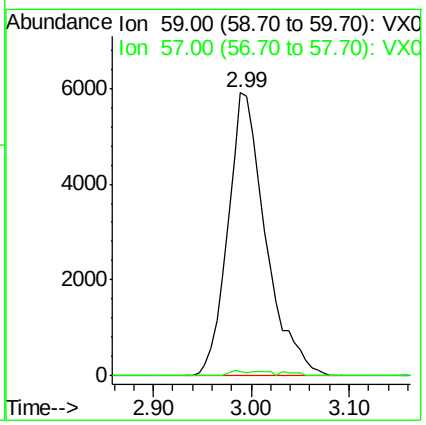


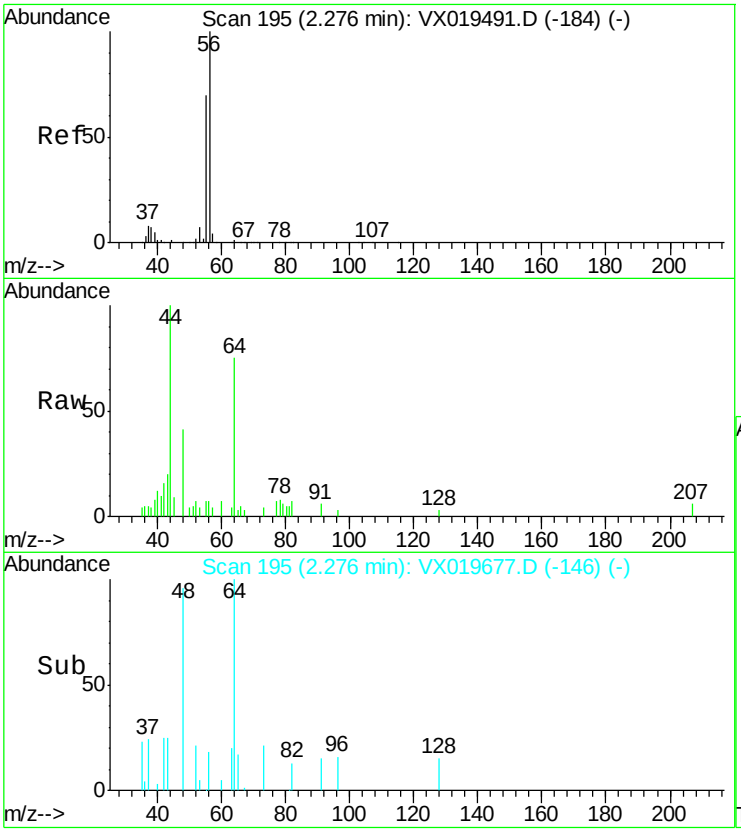


#11
Tert butyl alcohol
Concen: 21.342 ug/l
RT: 2.99 min Scan# 312
Delta R.T. -0.06 min
Lab File: VX019677.D
Acq: 30 Nov 2020 14:00

Tgt Ion: 59 Resp: 15874

Ion	Ratio	Lower	Upper
59	100		
57	0.8	7.9	11.9#



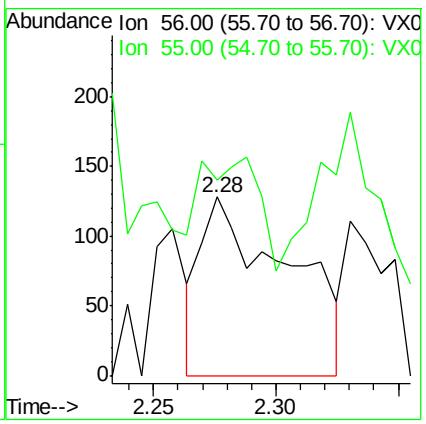


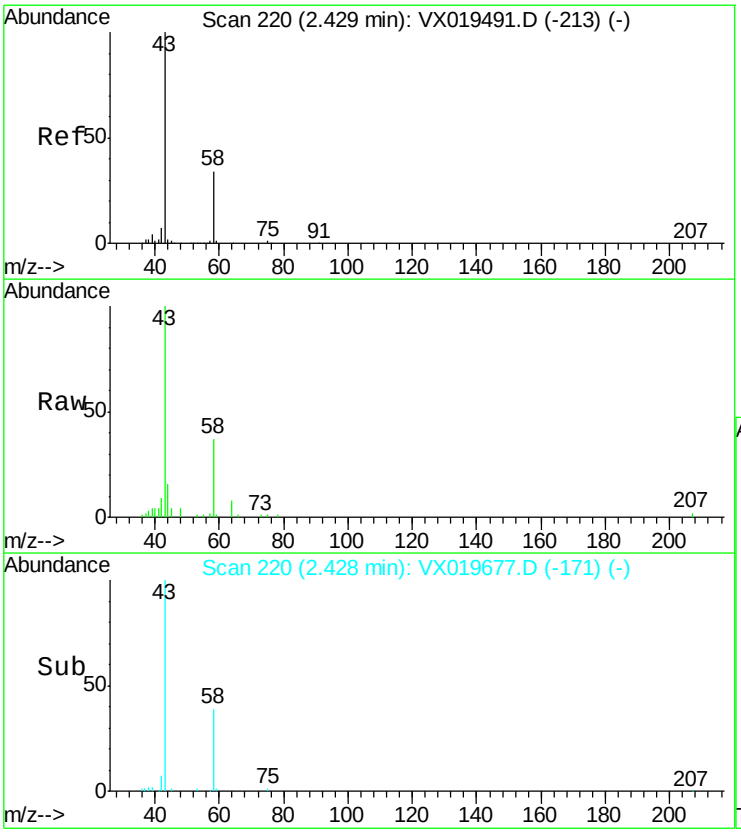
#13
Acrolein
Concen: 0.636 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.00 min
Lab File: VX019677.D
Acq: 30 Nov 2020 14:00

Instrument :
MSVOA_X
ClientSampleId :
PB133266ZHE#04

Tgt Ion: 56 Resp: 318

Ion	Ratio	Lower	Upper
56	100		
55	40.6	55.5	83.3#

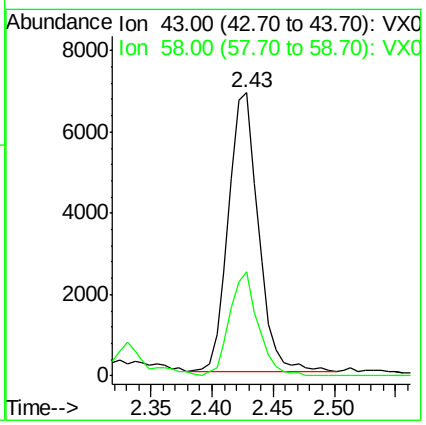


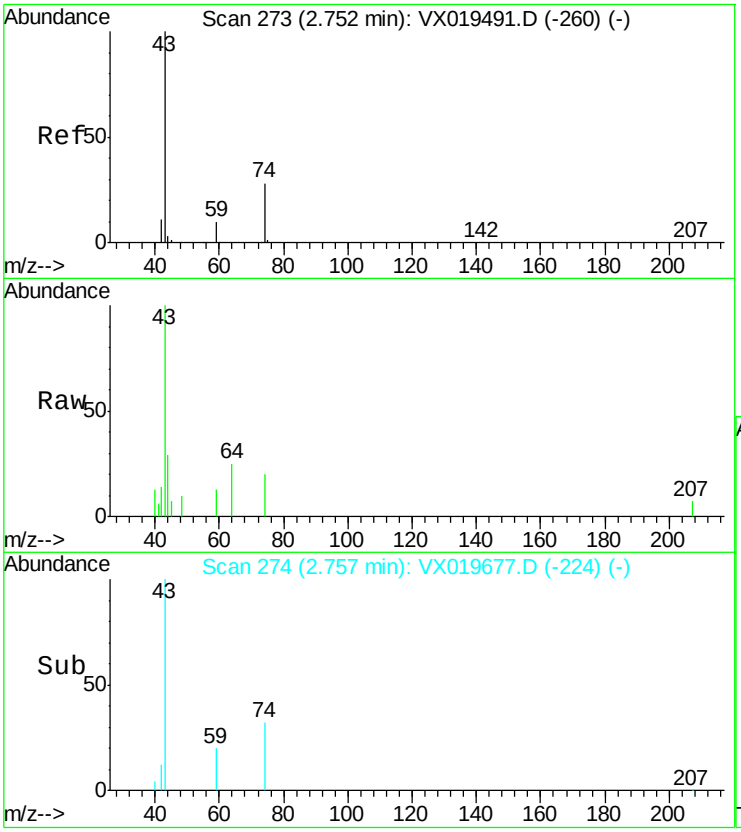


#16
Acetone
Concen: 7.689 ug/l
RT: 2.43 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX019677.D
Acq: 30 Nov 2020 14:00

Tgt Ion: 43 Resp: 11687

Ion	Ratio	Lower	Upper
43	100		
58	37.5	27.4	41.2



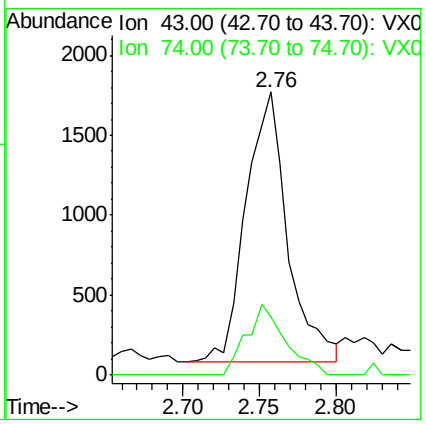


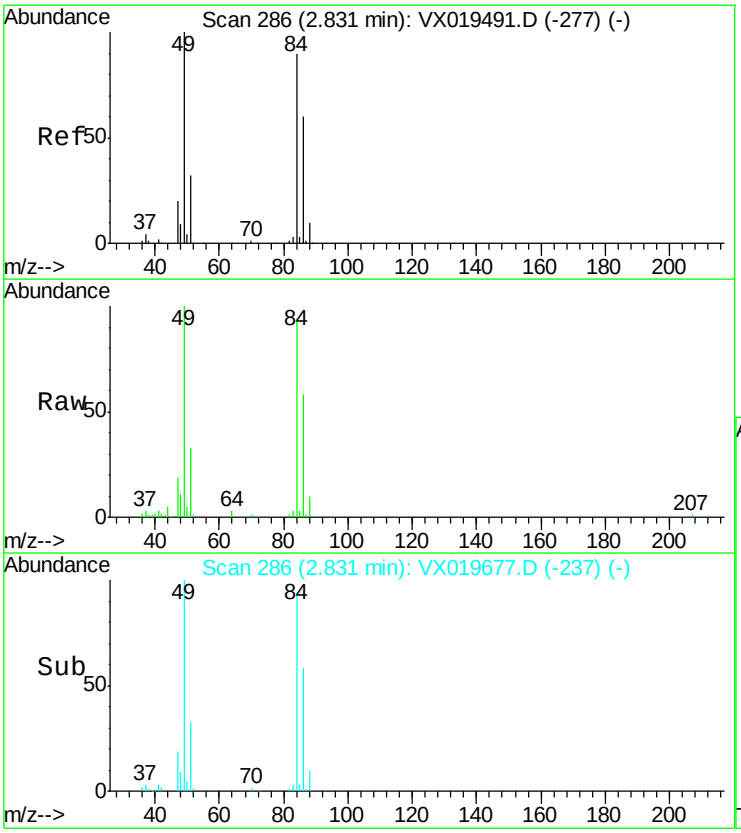
#18
Methyl Acetate
Concen: 1.481 ug/l
RT: 2.76 min Scan# 274
Delta R.T. 0.01 min
Lab File: VX019677.D
Acq: 30 Nov 2020 14:00

Instrument :
MSVOA_X
ClientSampleId :
PB133266ZHE#04

Tgt Ion: 43 Resp: 3194

Ion	Ratio	Lower	Upper
43	100		
74	24.6	22.2	33.4

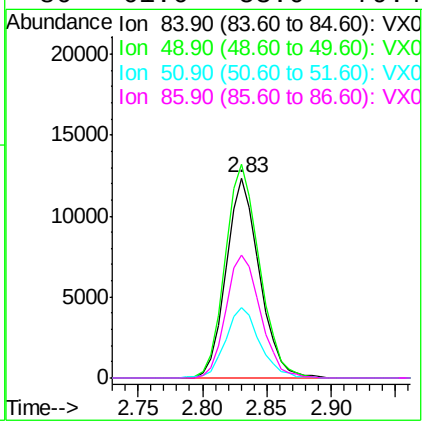


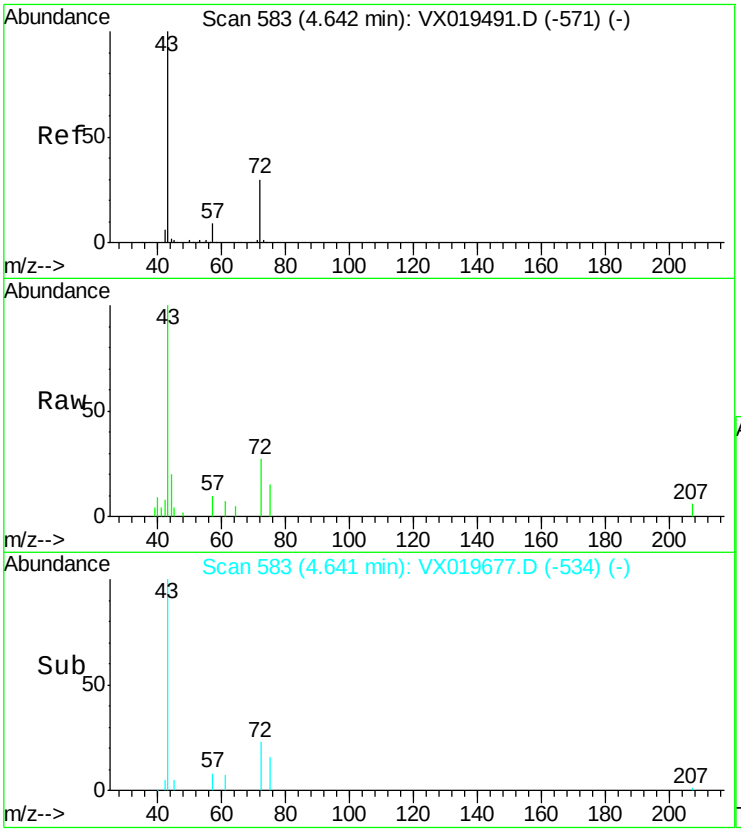


#20
Methylene Chloride
Concen: 5.872 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019677.D
Acq: 30 Nov 2020 14:00

Tgt Ion: 84 Resp: 22308

Ion	Ratio	Lower	Upper
84	100		
49	106.6	88.5	132.7
51	35.0	28.0	42.0
86	61.6	53.0	79.4



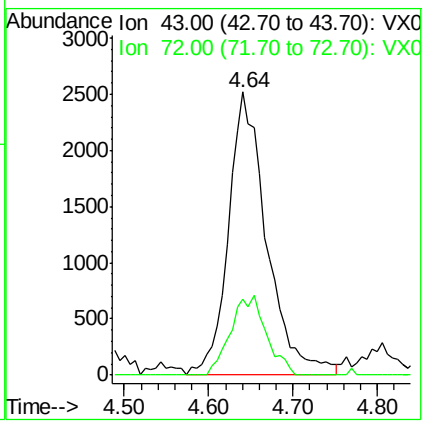


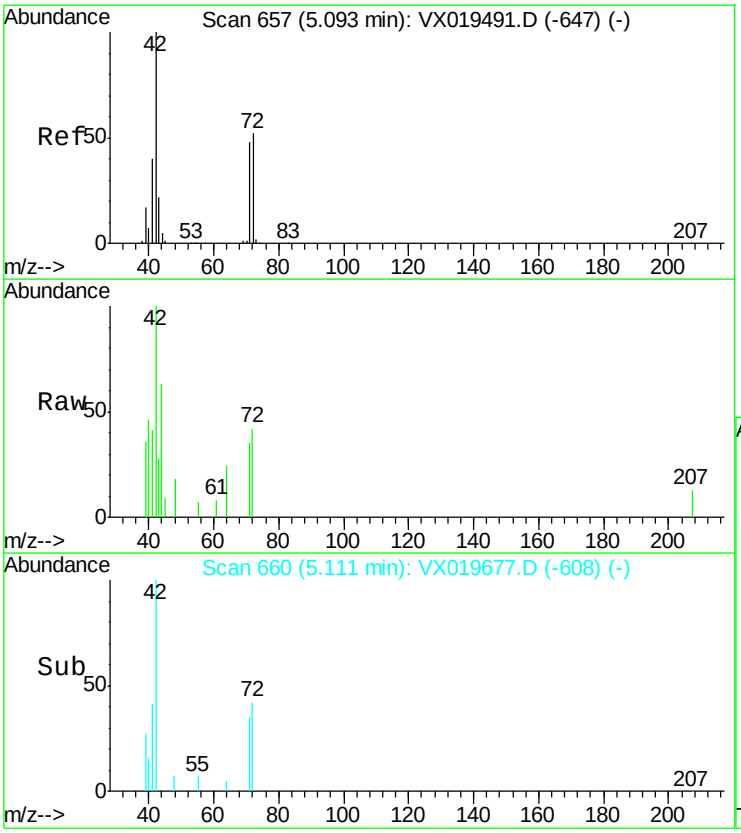
#25
2-Butanone
Concen: 3.415 ug/l
RT: 4.64 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX019677.D
Acq: 30 Nov 2020 14:00

Instrument :
MSVOA_X
ClientSampleId :
PB133266ZHE#04

Tgt Ion: 43 Resp: 7798

Ion	Ratio	Lower	Upper
43	100		
72	26.6	24.0	36.0

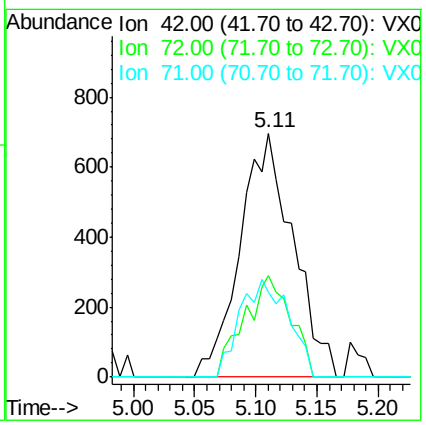


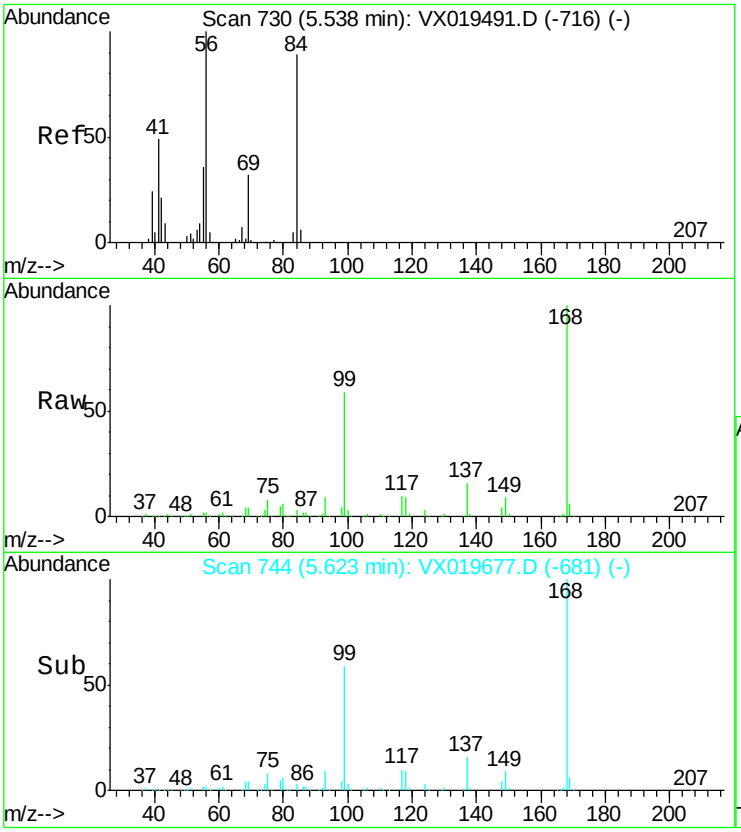


#29
Tetrahydrofuran
Concen: 1.439 ug/l
RT: 5.11 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX019677.D
Acq: 30 Nov 2020 14:00

Tgt Ion: 42 Resp: 2097

Ion	Ratio	Lower	Upper
42	100		
72	36.5	42.6	63.8#
71	36.7	39.0	58.6#



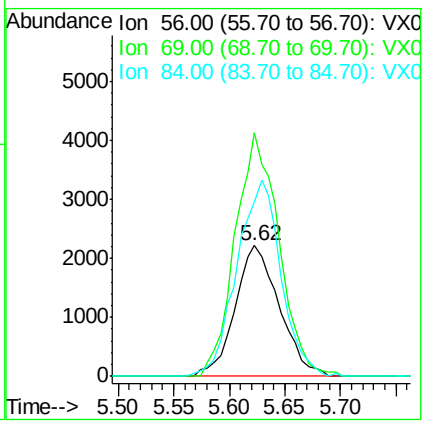


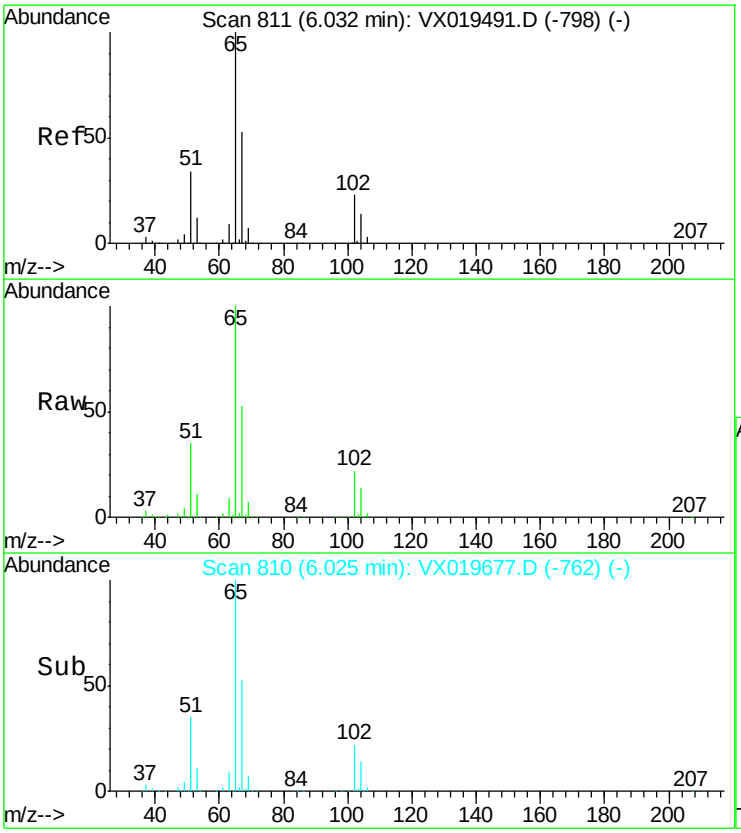
#31
Cyclohexane
Concen: 1.198 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.09 min
Lab File: VX019677.D
Acq: 30 Nov 2020 14:00

Instrument : MSVOA_X
ClientSampleId : PB133266ZHE#04

Tgt Ion: 56 Resp: 6122

Ion	Ratio	Lower	Upper
56	100		
69	186.3	25.5	38.3#
84	133.8	71.1	106.7#

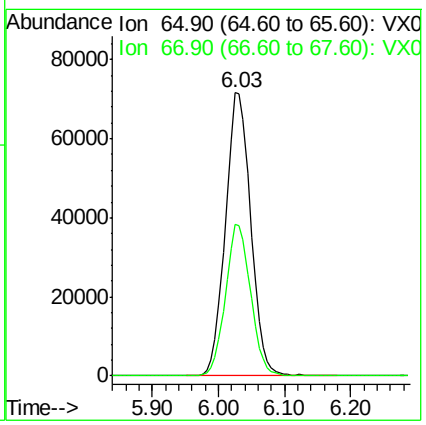


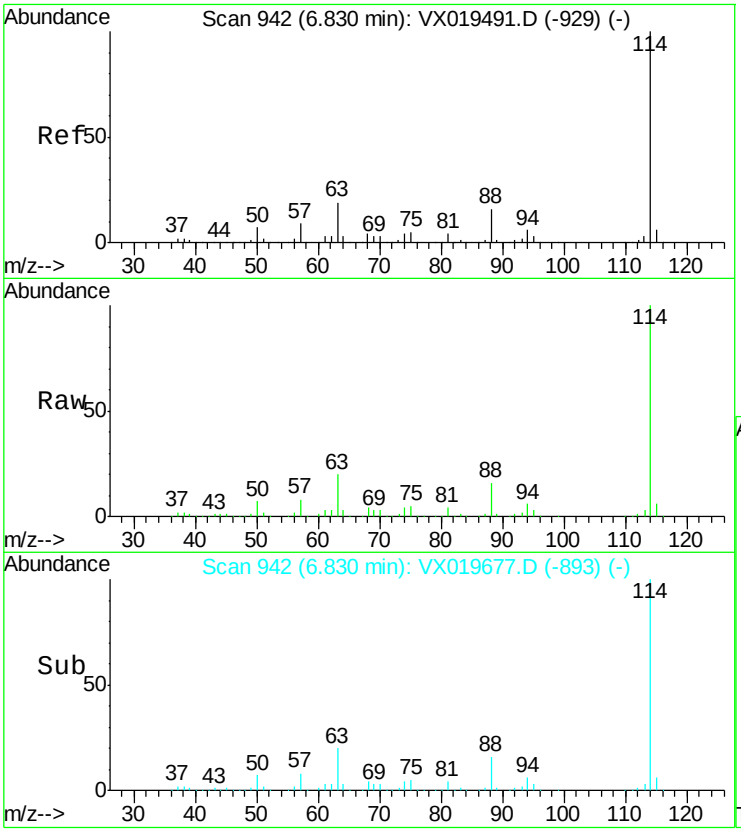


#33
1,2-Dichloroethane-d4
Concen: 48.325 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.01 min
Lab File: VX019677.D
Acq: 30 Nov 2020 14:00

Tgt Ion: 65 Resp: 189930

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	105.0



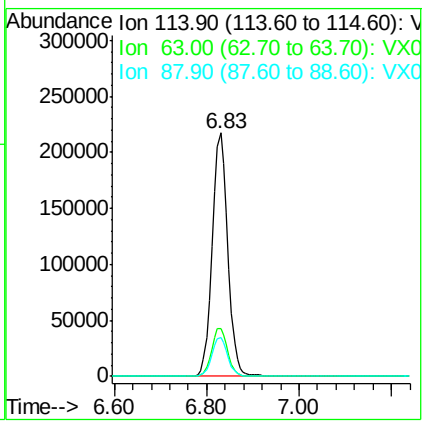


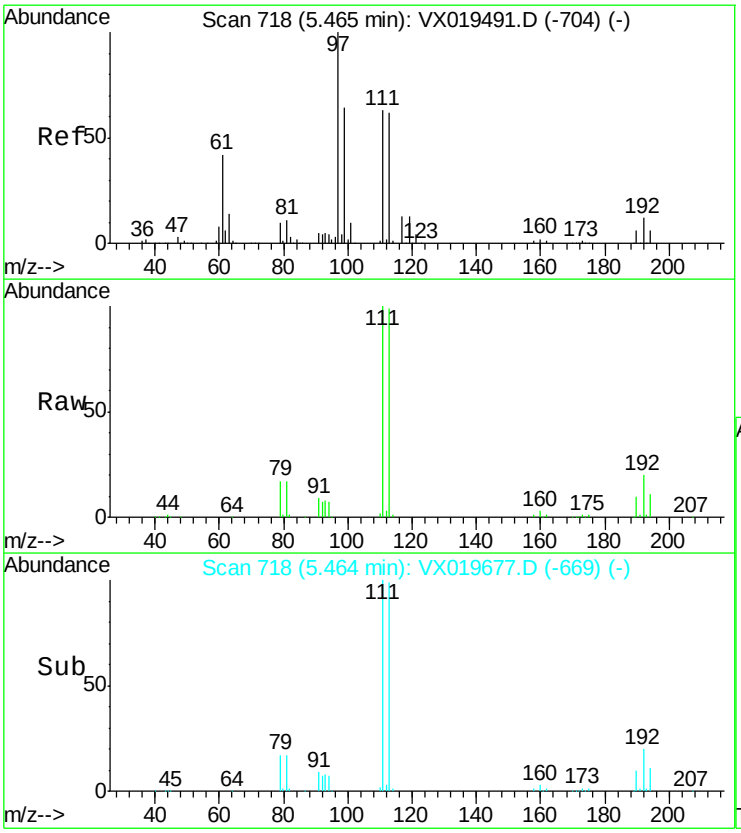
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX019677.D
Acq: 30 Nov 2020 14:00

Instrument :
MSVOA_X
ClientSampleId :
PB133266ZHE#04

Tgt Ion:114 Resp: 507955

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	38.8
88	15.8	0.0	31.6

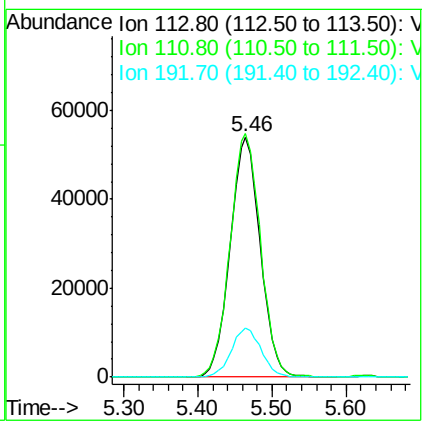


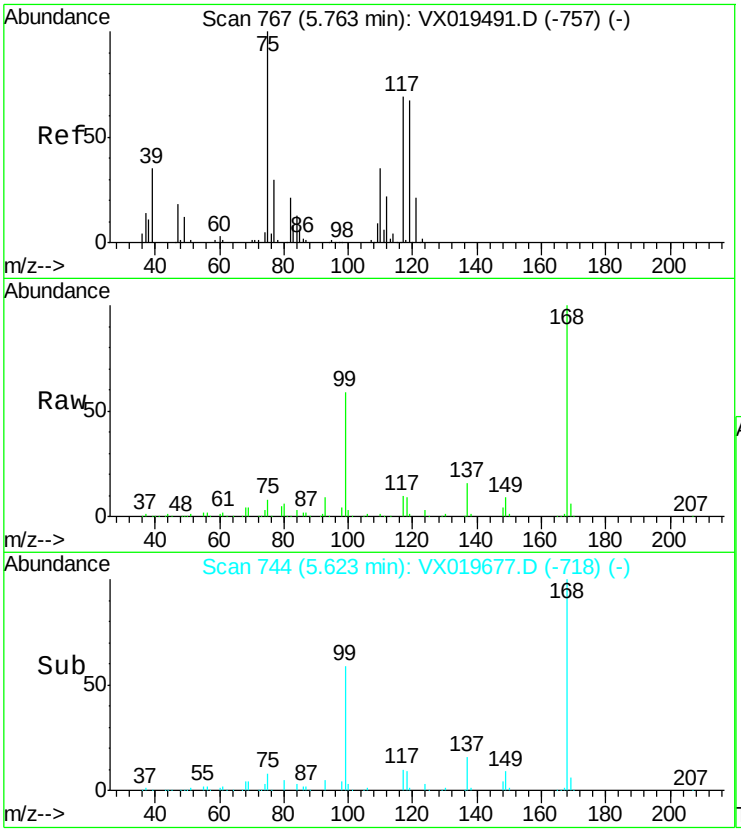


#35
Dibromofluoromethane
Concen: 47.963 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019677.D
Acq: 30 Nov 2020 14:00

Tgt Ion:113 Resp: 152926

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.5	122.3
192	20.4	16.2	24.2



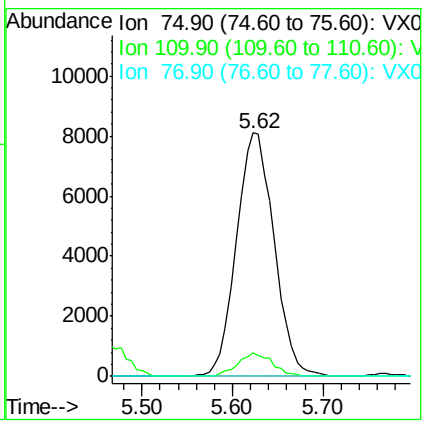


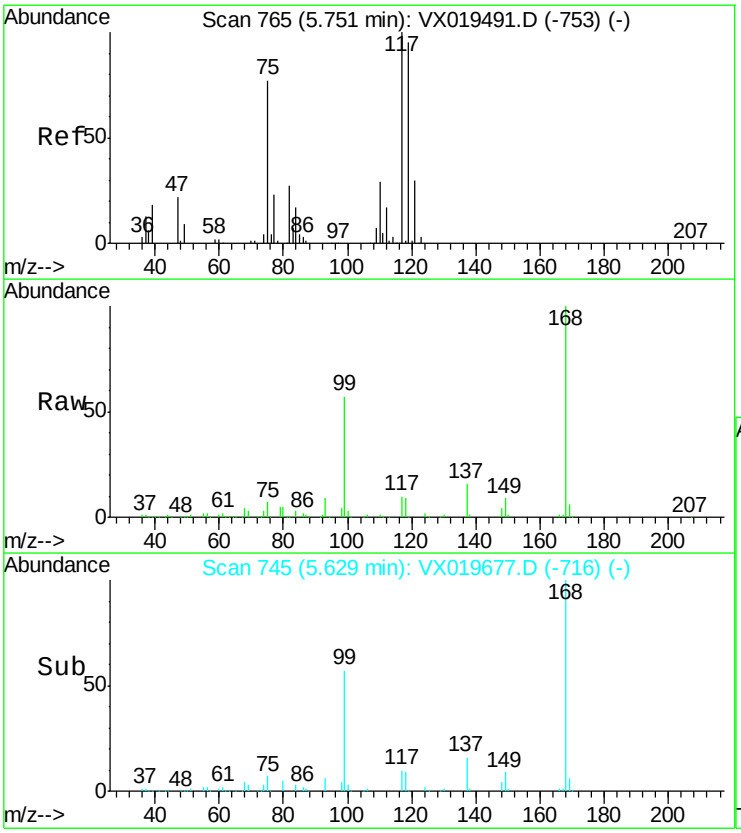
#36
1,1-Dichloropropene
Concen: 4.900 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.14 min
Lab File: VX019677.D
Acq: 30 Nov 2020 14:00

Instrument :
MSVOA_X
ClientSampleId :
PB133266ZHE#04

Tgt Ion: 75 Resp: 23335

Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.1	54.3#
77	0.0	24.2	36.4#

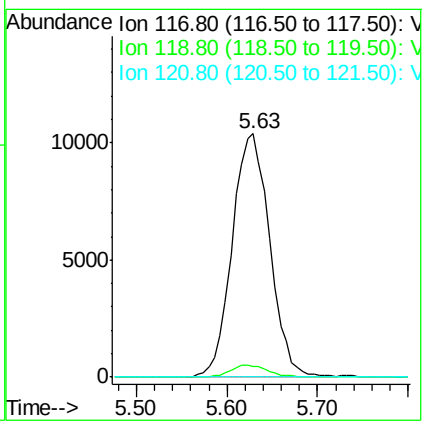


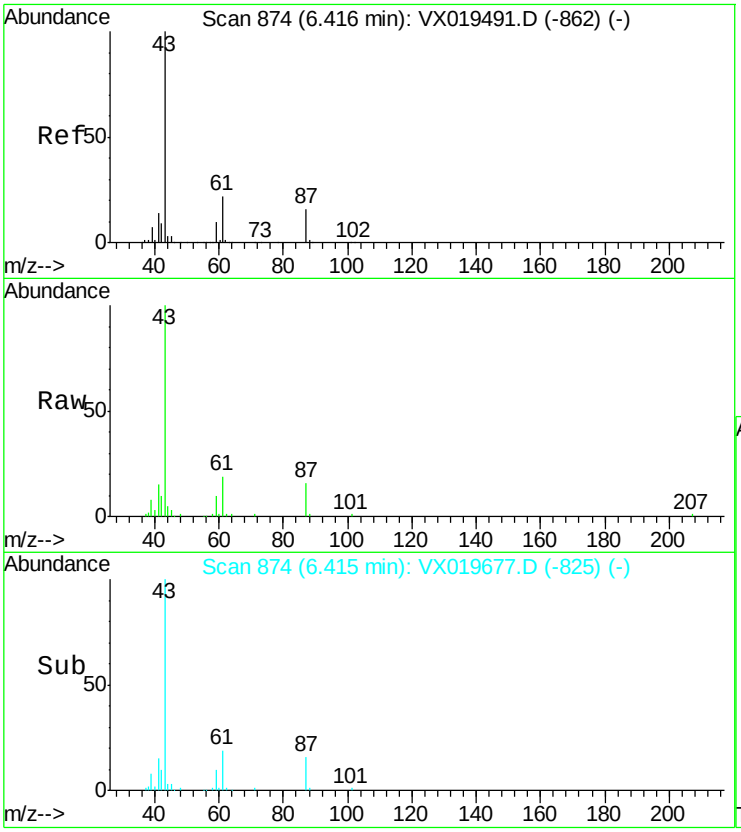


#38
Carbon Tetrachloride
Concen: 6.466 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX019677.D
Acq: 30 Nov 2020 14:00

Tgt Ion:117 Resp: 29806

Ion	Ratio	Lower	Upper
117	100		
119	4.6	75.9	113.9#
121	0.0	24.0	36.0#



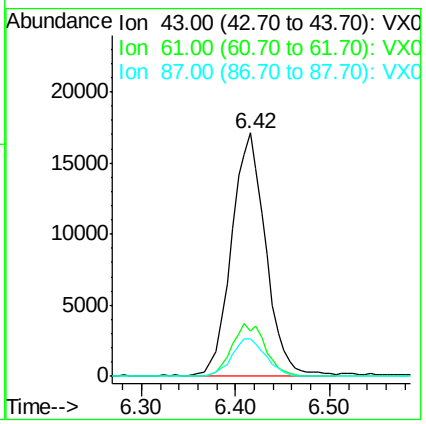


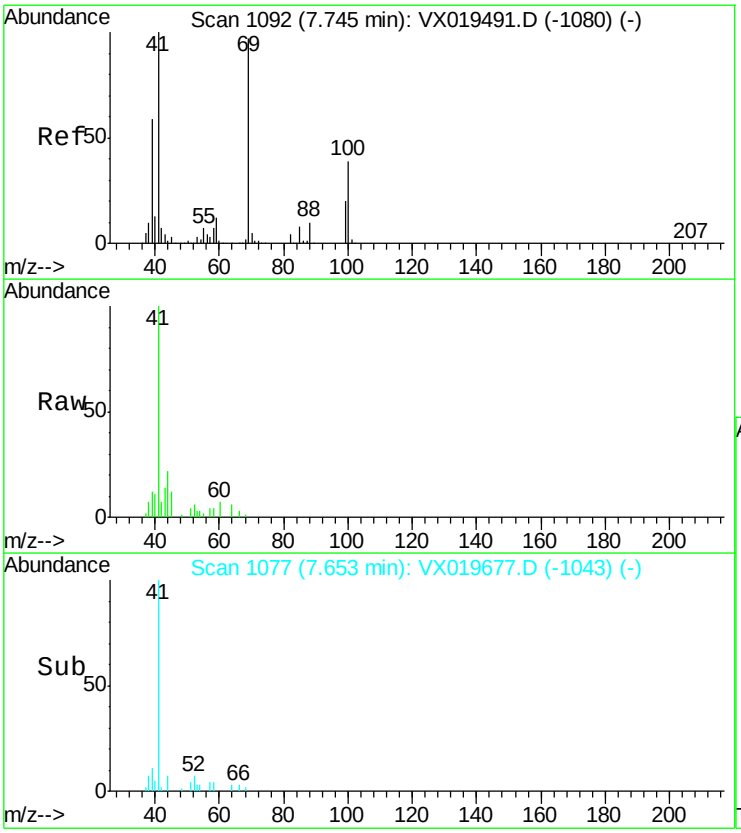
#43
Isopropyl Acetate
Concen: 5.774 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX019677.D
Acq: 30 Nov 2020 14:00

Instrument :
MSVOA_X
ClientSampleId :
PB133266ZHE#04

Tgt Ion: 43 Resp: 43393

Ion	Ratio	Lower	Upper
43	100		
61	21.4	18.2	27.2
87	15.4	12.6	18.8

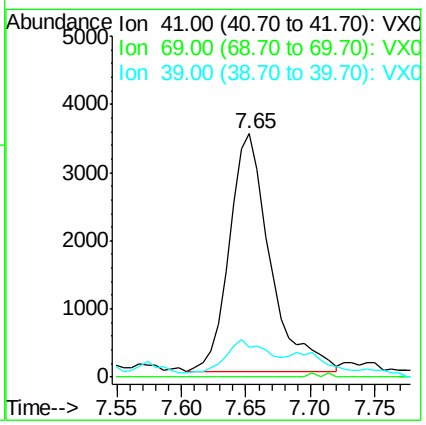


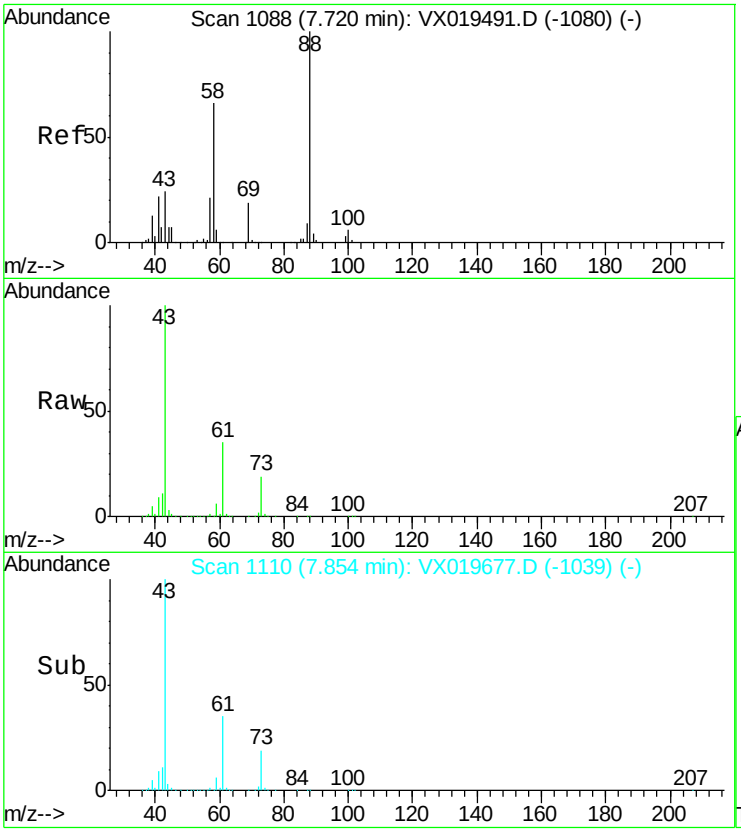


#48
Methyl methacrylate
Concen: 2.178 ug/l
RT: 7.65 min Scan# 1077
Delta R.T. -0.09 min
Lab File: VX019677.D
Acq: 30 Nov 2020 14:00

Tgt Ion: 41 Resp: 7666

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



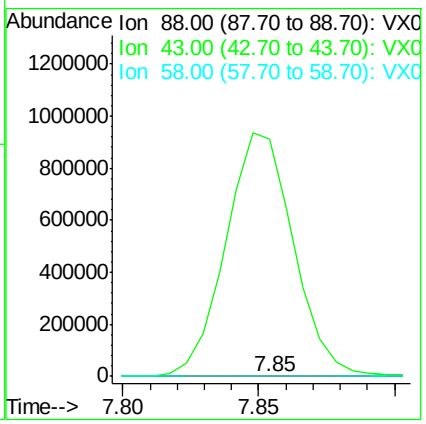


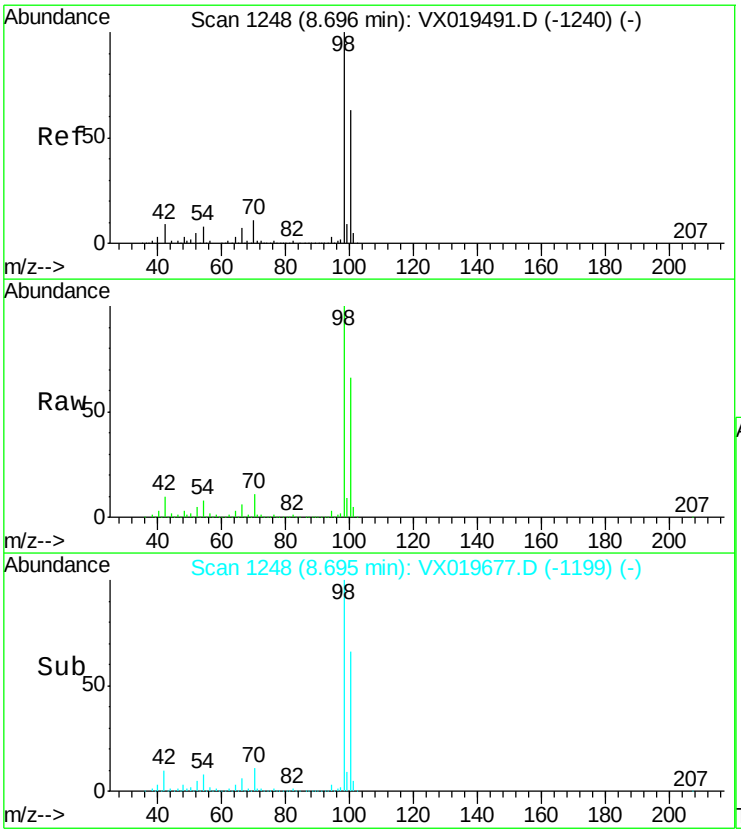
#49
1,4-Dioxane
Concen: 2.903 ug/l
RT: 7.85 min Scan# 1110
Delta R.T. 0.13 min
Lab File: VX019677.D
Acq: 30 Nov 2020 14:00

Instrument : MSVOA_X
ClientSampleId : PB133266ZHE#04

Tgt Ion: 88 Resp: 232

Ion	Ratio	Lower	Upper
88	100		
43	701243.1	23.8	35.6#
58	3303.9	54.2	81.2#

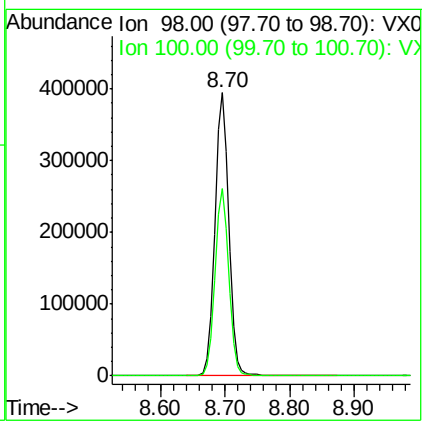


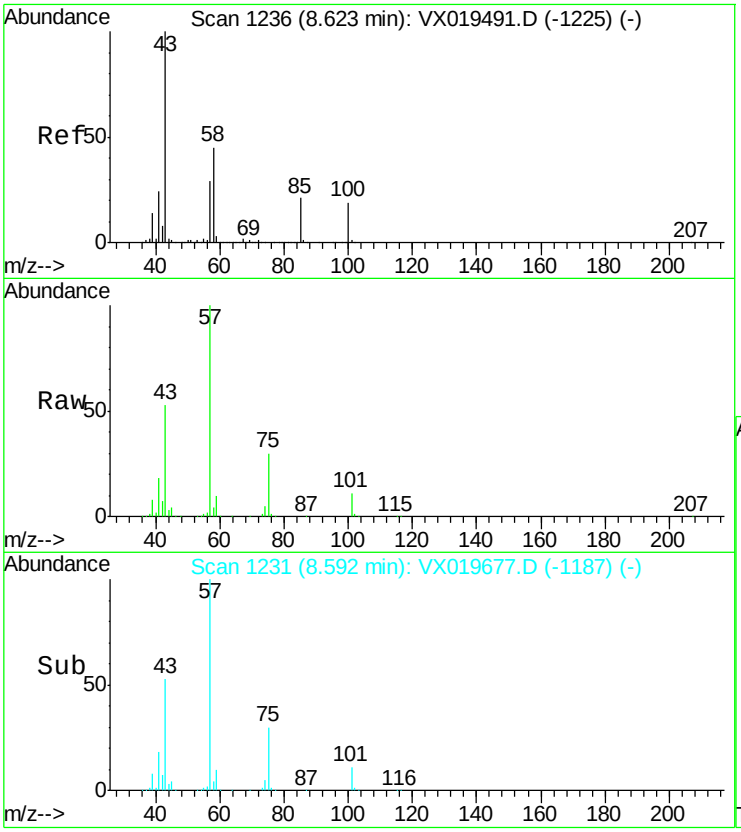


#50
Toluene-d8
Concen: 48.738 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019677.D
Acq: 30 Nov 2020 14:00

Tgt Ion: 98 Resp: 603858

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.4	78.6



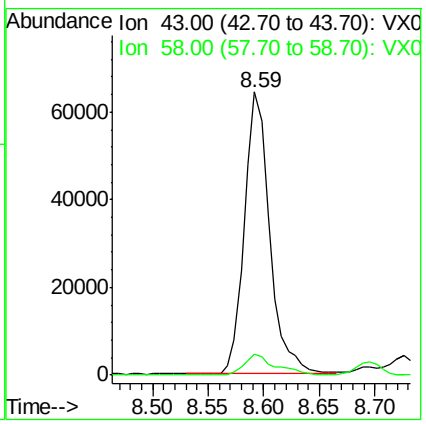


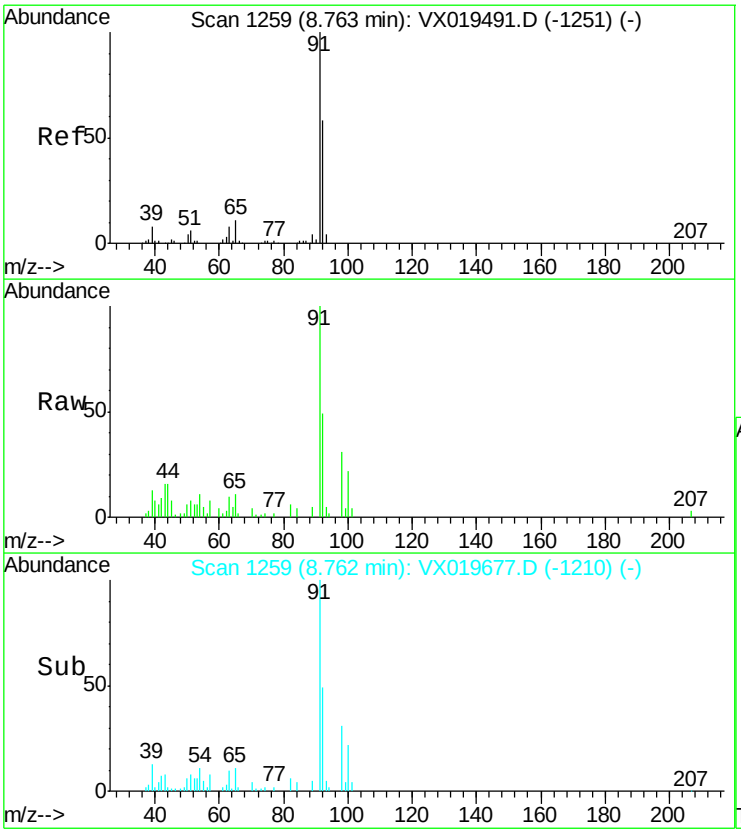
#51
4-Methyl-2-Pentanone
Concen: 23.200 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.03 min
Lab File: VX019677.D
Acq: 30 Nov 2020 14:00

Instrument : MSVOA_X
ClientSampleId : PB133266ZHE#04

Tgt Ion: 43 Resp: 101669

Ion	Ratio	Lower	Upper
43	100		
58	9.2	35.1	52.7#

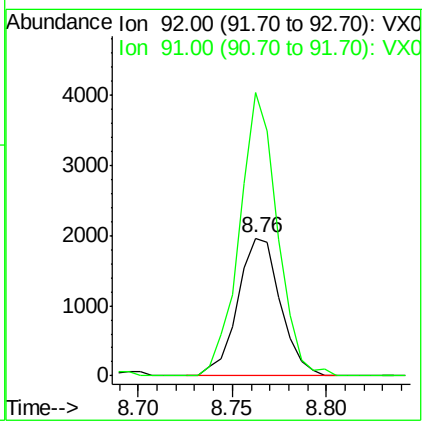


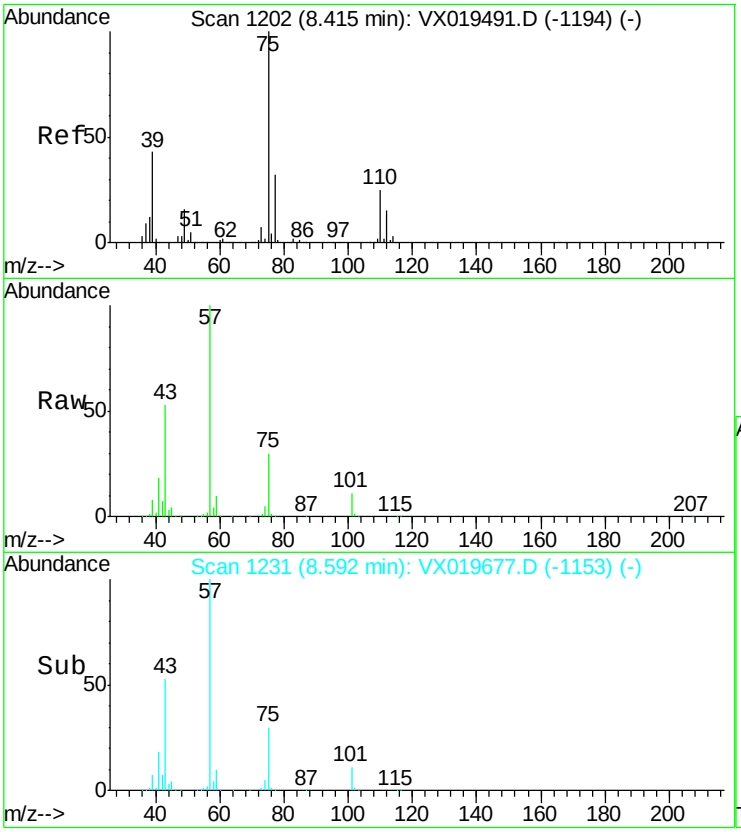


#52
Toluene
Concen: 0.343 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019677.D
Acq: 30 Nov 2020 14:00

Tgt Ion: 92 Resp: 3074

Ion	Ratio	Lower	Upper
92	100		
91	182.8	138.1	207.1



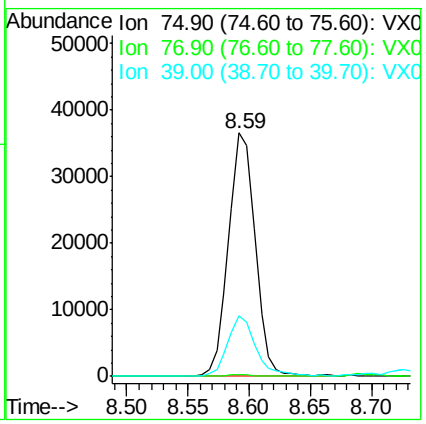


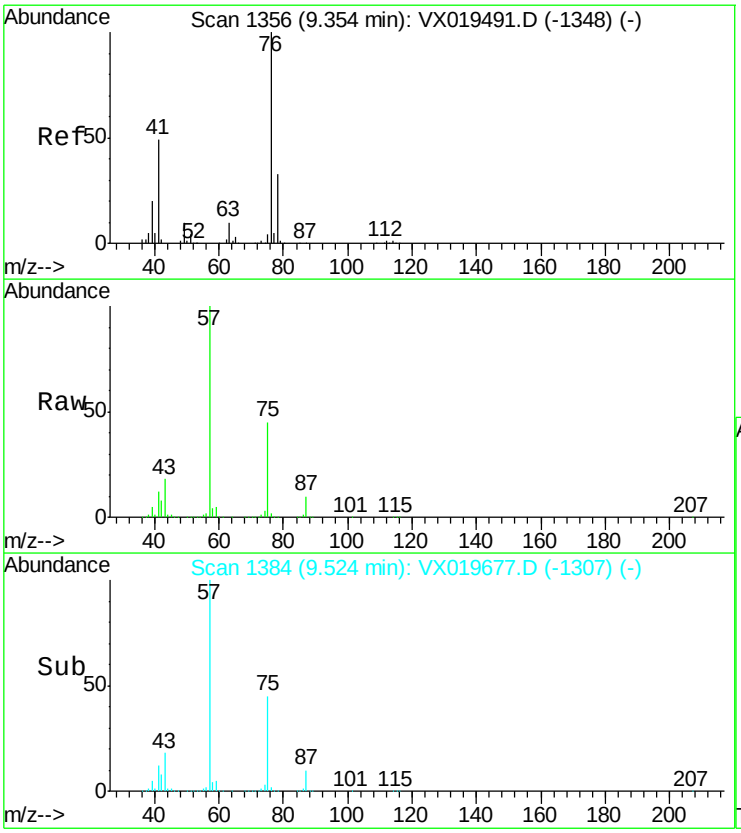
#54
cis-1,3-Dichloropropene
Concen: 9.669 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. 0.18 min
Lab File: VX019677.D
Acq: 30 Nov 2020 14:00

Instrument :
MSVOA_X
ClientSampleId :
PB133266ZHE#04

Tgt Ion: 75 Resp: 55436

Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.8	38.6#
39	24.8	34.6	51.8#

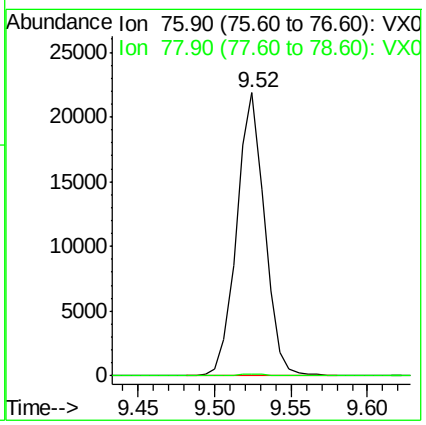


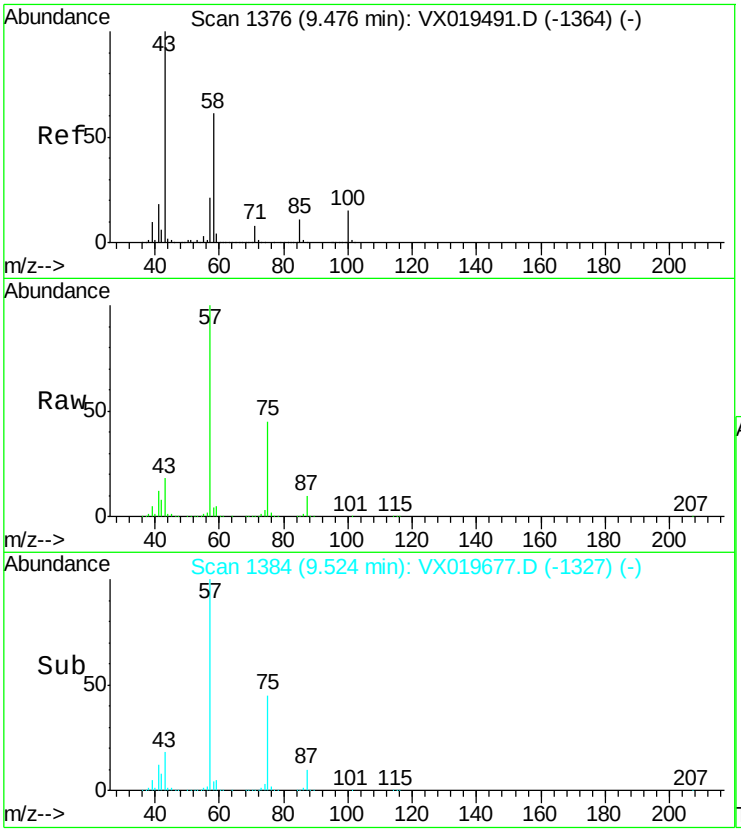


#57
1,3-Dichloropropane
Concen: 4.520 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.17 min
Lab File: VX019677.D
Acq: 30 Nov 2020 14:00

Tgt Ion: 76 Resp: 27583

Ion	Ratio	Lower	Upper
76	100		
78	0.6	25.7	38.5#



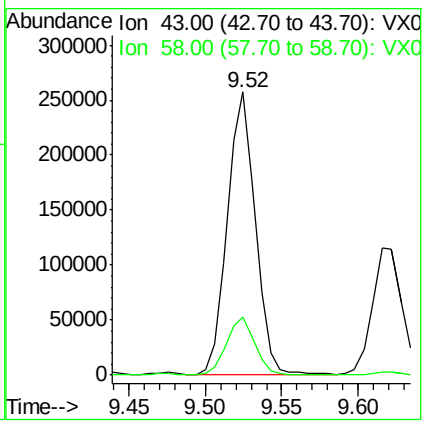


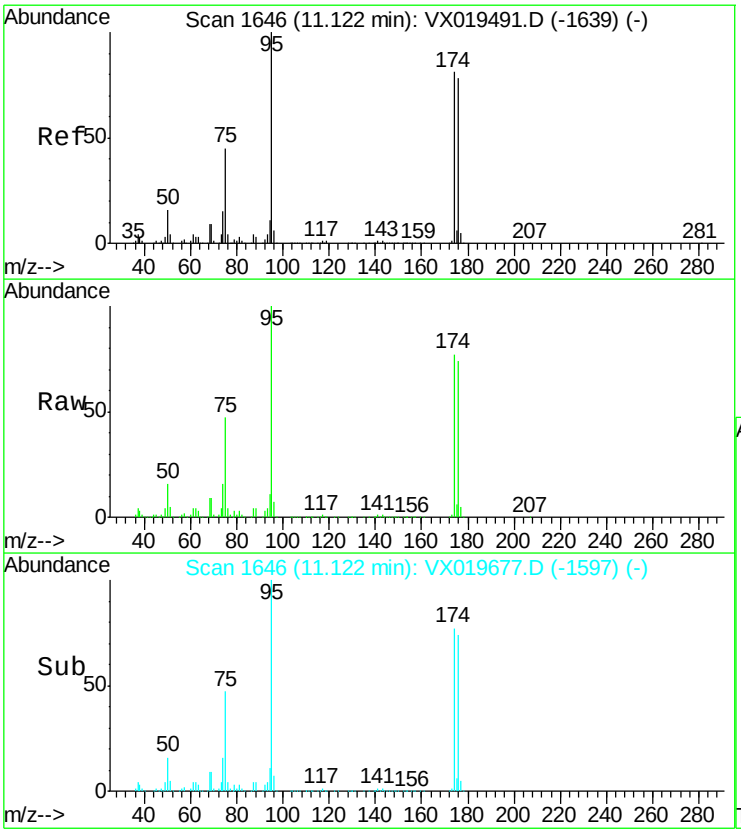
#59
2-Hexanone
Concen: 97.325 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX019677.D
Acq: 30 Nov 2020 14:00

Instrument :
MSVOA_X
ClientSampleId :
PB133266ZHE#04

Tgt Ion: 43 Resp: 323473

Ion	Ratio	Lower	Upper
43	100		
58	21.3	30.6	91.6#

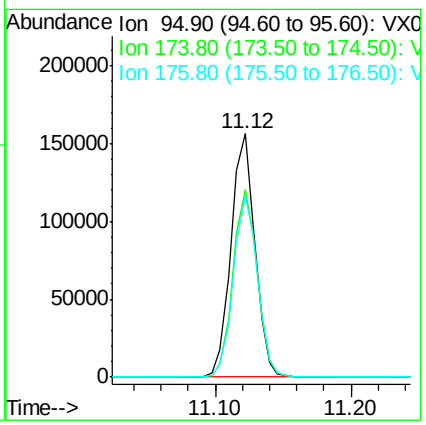


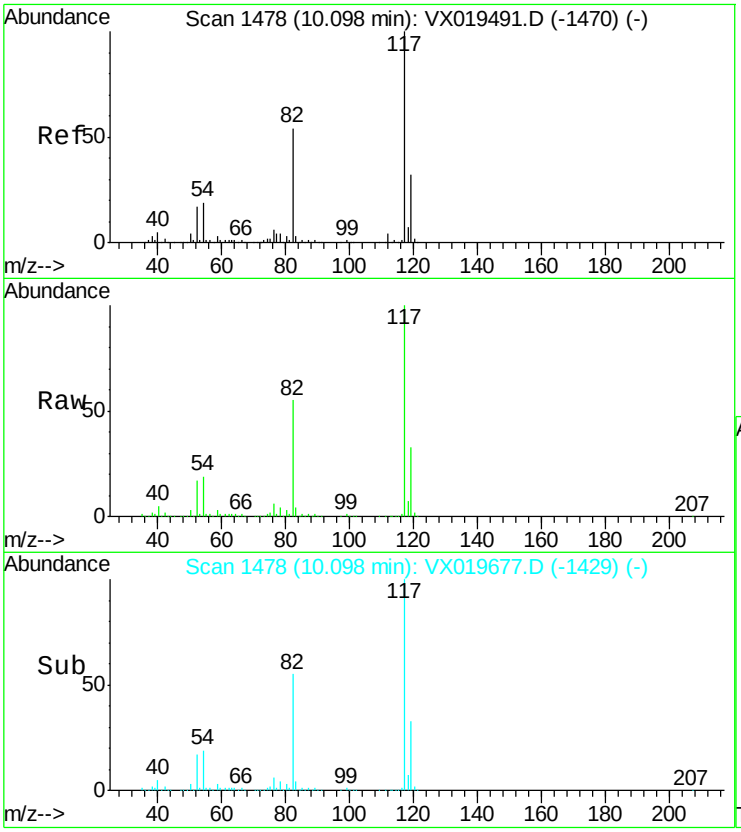


#62
4-Bromofluorobenzene
Concen: 42.922 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019677.D
Acq: 30 Nov 2020 14:00

Tgt Ion: 95 Resp: 191333

Ion	Ratio	Lower	Upper
95	100		
174	78.0	0.0	156.2
176	75.4	0.0	151.4



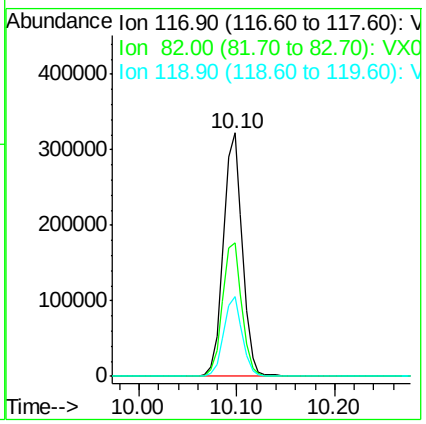


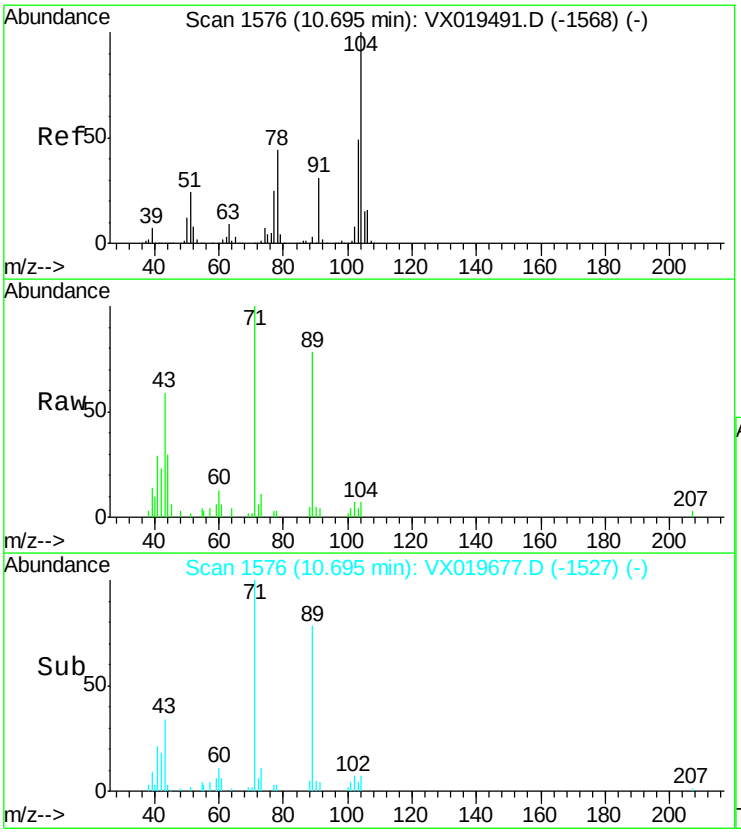
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019677.D
Acq: 30 Nov 2020 14:00

Instrument :
MSVOA_X
ClientSampleId :
PB133266ZHE#04

Tgt Ion:117 Resp: 431229

Ion	Ratio	Lower	Upper
117	100		
82	54.8	43.0	64.4
119	32.7	25.6	38.4

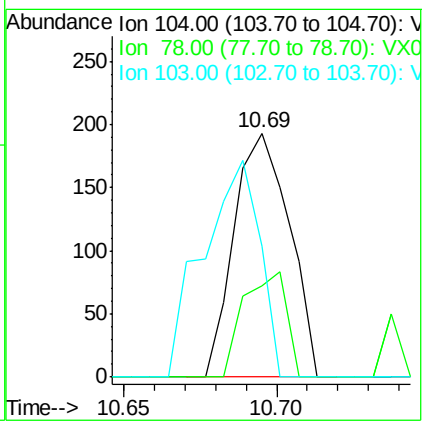


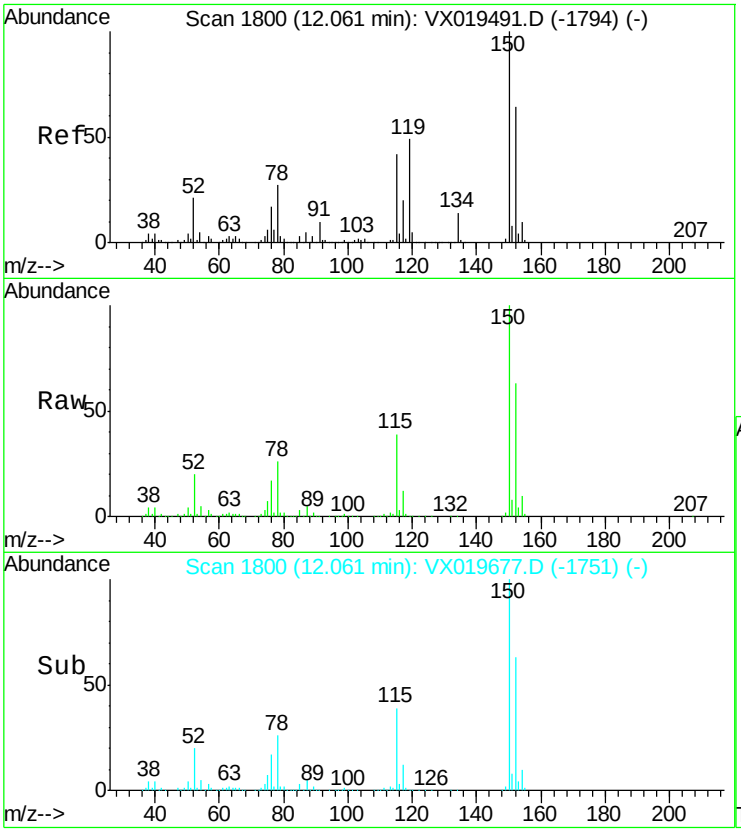


#70
Styrene
Concen: 1.669 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019677.D
Acq: 30 Nov 2020 14:00

Tgt Ion:104 Resp: 241

Ion	Ratio	Lower	Upper
104	100		
78	33.2	39.5	59.3#
103	90.9	43.6	65.4#



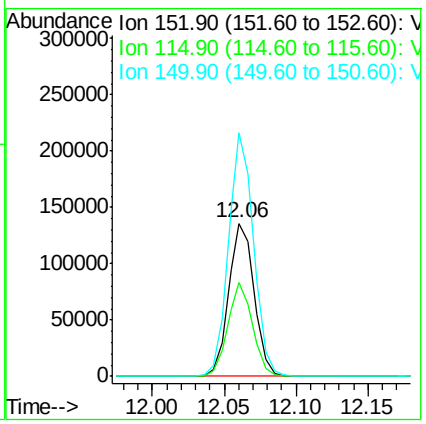


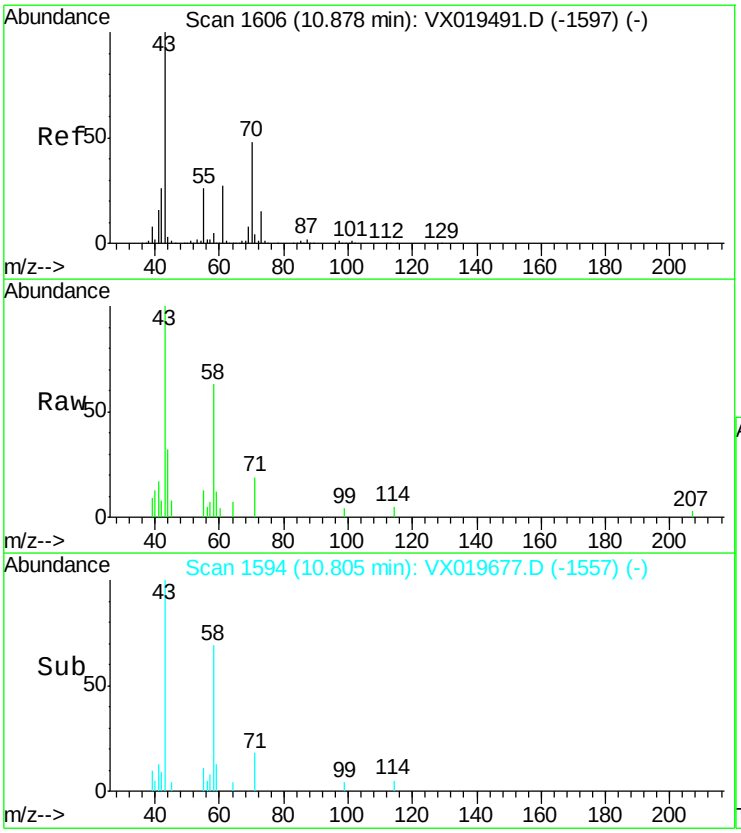
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019677.D
Acq: 30 Nov 2020 14:00

Instrument : MSVOA_X
ClientSampleId : PB133266ZHE#04

Tgt Ion:152 Resp: 169161

Ion	Ratio	Lower	Upper
152	100		
115	59.3	41.8	125.4
150	155.8	0.0	348.2

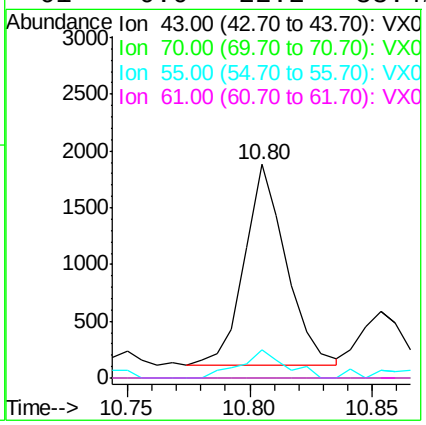


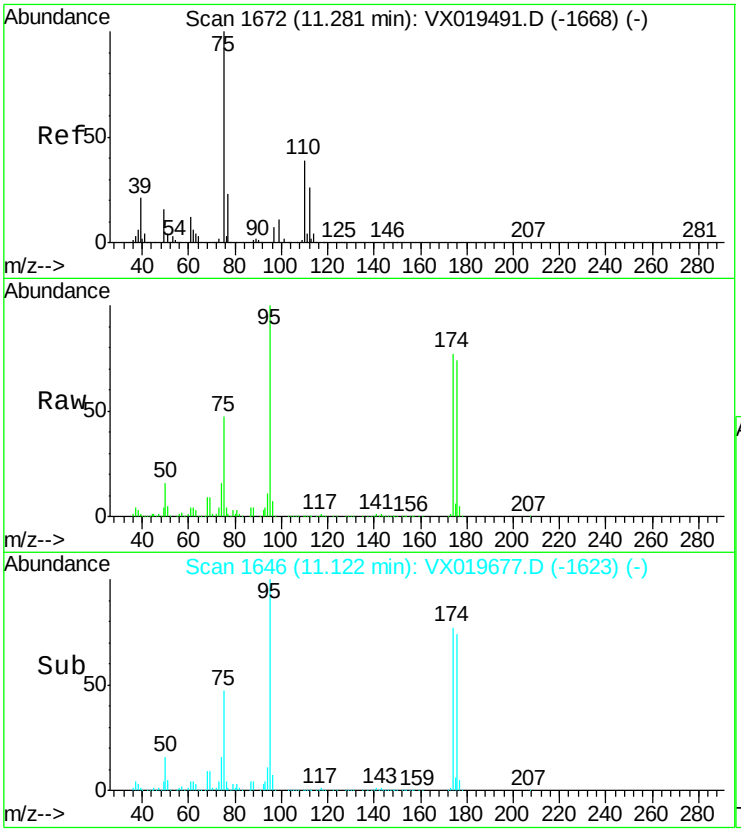


#74
N-amyl acetate
Concen: 0.484 ug/l
RT: 10.80 min Scan# 1594
Delta R.T. -0.07 min
Lab File: VX019677.D
Acq: 30 Nov 2020 14:00

Tgt Ion: 43 Resp: 2122

Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.7	59.5#
55	14.9	21.8	32.6#
61	0.0	22.2	33.4#



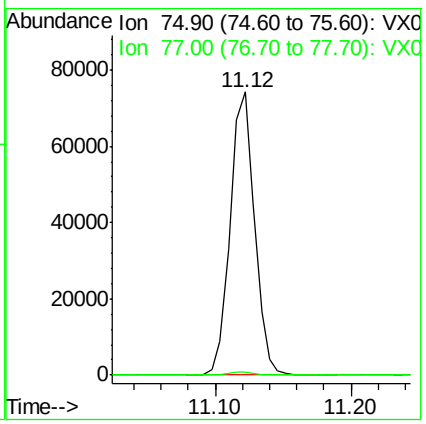


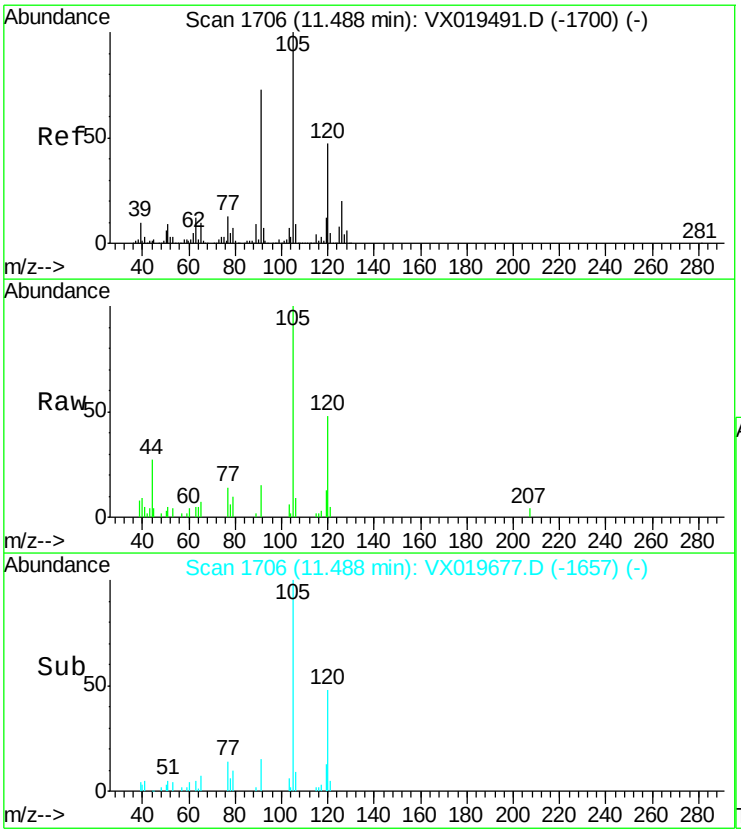
#76
1,2,3-Trichloropropane
Concen: 25.022 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX019677.D
Acq: 30 Nov 2020 14:00

Instrument :
MSVOA_X
ClientSampleId :
PB133266ZHE#04

Tgt Ion: 75 Resp: 92374

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.0	60.0#

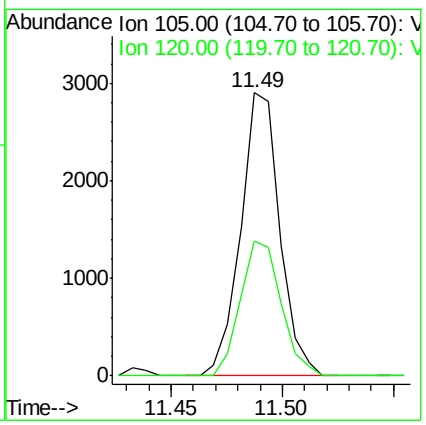


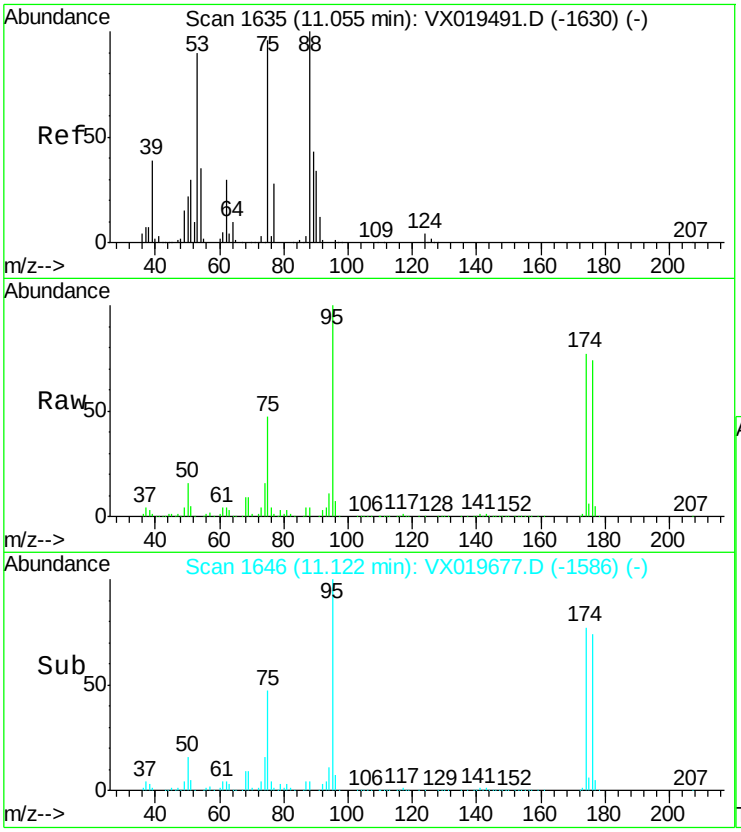


#80
1,3,5-Trimethylbenzene
Concen: 0.363 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VX019677.D
Acq: 30 Nov 2020 14:00

Tgt Ion:105 Resp: 3560

Ion	Ratio	Lower	Upper
105	100		
120	49.7	24.1	72.3



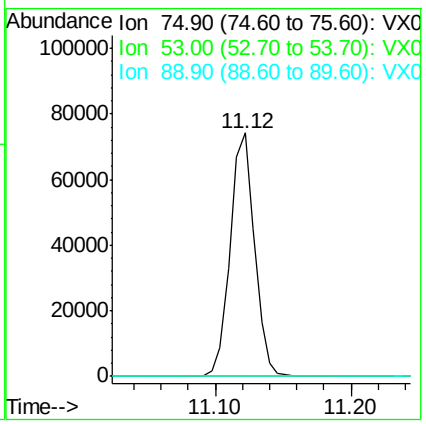


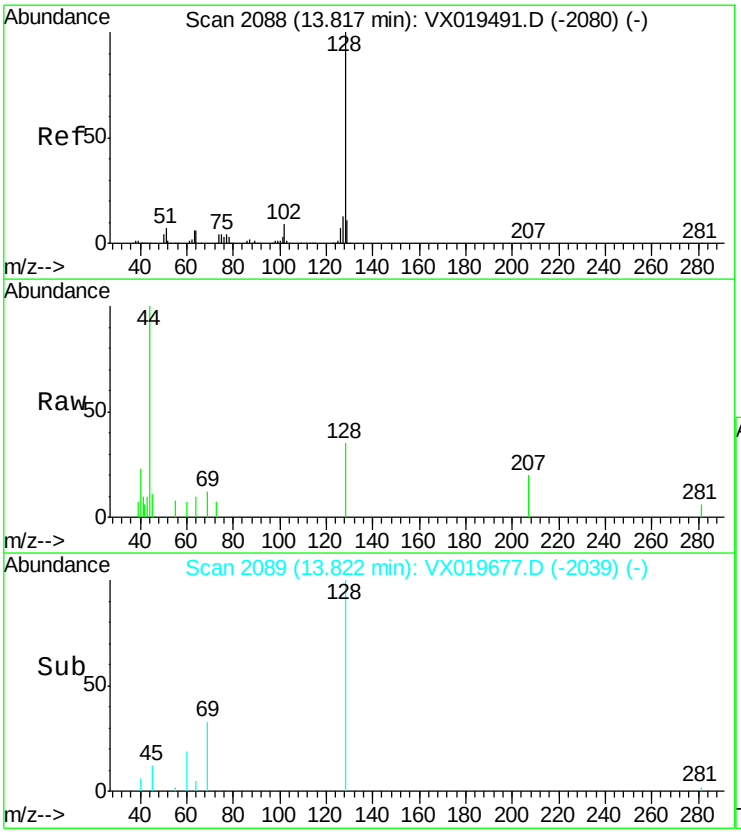
#81
trans-1,4-Dichloro-2-butene
Concen: 66.095 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX019677.D
Acq: 30 Nov 2020 14:00

Instrument :
MSVOA_X
ClientSampleId :
PB133266ZHE#04

Tgt Ion: 75 Resp: 92374

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





#95
Naphthalene
Concen: 2.211 ug/l
RT: 13.82 min Scan# 2089
Delta R.T. 0.01 min
Lab File: VX019677.D
Acq: 30 Nov 2020 14:00

Tgt Ion:128 Resp: 424

Ion	Ratio	Lower	Upper
128	100		
127	4.7	10.3	15.5#
129	0.0	8.7	13.1#