Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112420\

Quantitation Report (Not Reviewed)

Data File : VX019611.D
Acq On : 24 Nov 2020 17:28
Operator : JC/MD
Sample : PB133213ZHE#05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB133213ZHE#05

Quant Time: Nov 25 04:04:08 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	5.62	168	297620	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.83	114	499165	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.10	117	462404	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	185067	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.03	65	187359	48.55	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 97.10%				
35) Dibromofluoromethane	5.46	113	149471	47.70	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.40%				
50) Toluene-d8	8.70	98	600819	49.35	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.70%				
62) 4-Bromofluorobenzene	11.12	95	208288	47.55	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.10%				
Target Compounds							Qvalue
3) Chloromethane	1.29	50	1329	0.400	ug/l	#	41
5) Bromomethane	1.62	94	380	0.281	ug/l		83
6) Chloroethane	1.68	64	2156	Below Cal		#	56
11) Tert butyl alcohol	2.99	59	6147	8.417	ug/l	#	73
13) Acrolein	2.27	56	149	0.304	ug/l		87
16) Acetone	2.42	43	11162	7.480	ug/l		97
18) Methyl Acetate	2.75	43	4570	1.868	ug/l		97
20) Methylene Chloride	2.83	84	8415	2.256	ug/l		95
25) 2-Butanone	4.64	43	2143	0.956	ug/l	#	81
29) Tetrahydrofuran	5.10	42	1364	0.954	ug/l	#	41
31) Cyclohexane	5.63	56	5779	1.151	ug/l	#	1
36) 1,1-Dichloropropene	5.62	75	22363	4.779	ug/l	#	50
38) Carbon Tetrachloride	5.62	117	29354	6.480	ug/l	#	16
43) Isopropyl Acetate	6.41	43	79282	10.735	ug/l		99
48) Methyl methacrylate	7.65	41	4297	1.242	ug/l	#	9
49) 1,4-Dioxane	7.84	88	222	2.827	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.59	43	78460	18.219	ug/l	#	48
54) cis-1,3-Dichloropropene	8.59	75	41205	7.313	ug/l	#	61
56) Ethyl methacrylate	9.29	69	1320	0.260	ug/l	#	1
57) 1,3-Dichloropropane	9.52	76	8190	1.366	ug/l	#	44
59) 2-Hexanone	9.52	43	96721	29.614	ug/l	#	48
70) Styrene	10.70	104	155	1.659	ug/l	#	51
74) N-amyl acetate	10.80	43	2868	0.598	ug/l	#	44
76) 1,2,3-Trichloropropane	11.12	75	101751	25.193	ug/l	#	37
80) 1,3,5-Trimethylbenzene	11.49	105	2197	0.205	ug/l		93
81) trans-1,4-Dichloro-2-buten	11.12	75	101751	66.518	ug/l	#	12
95) Naphthalene	13.82	128	247	2.195	ug/l	#	69

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

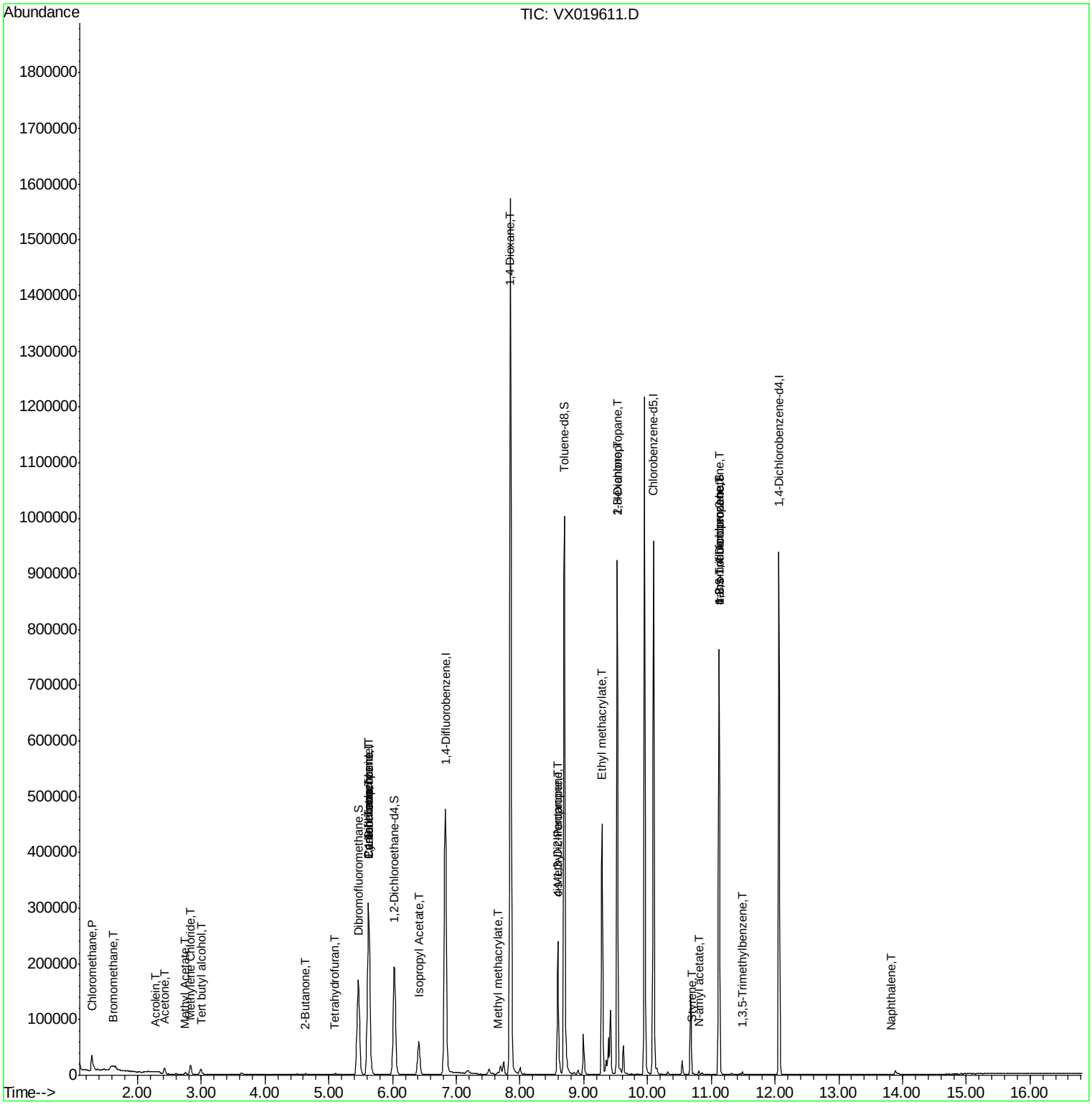
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112420\

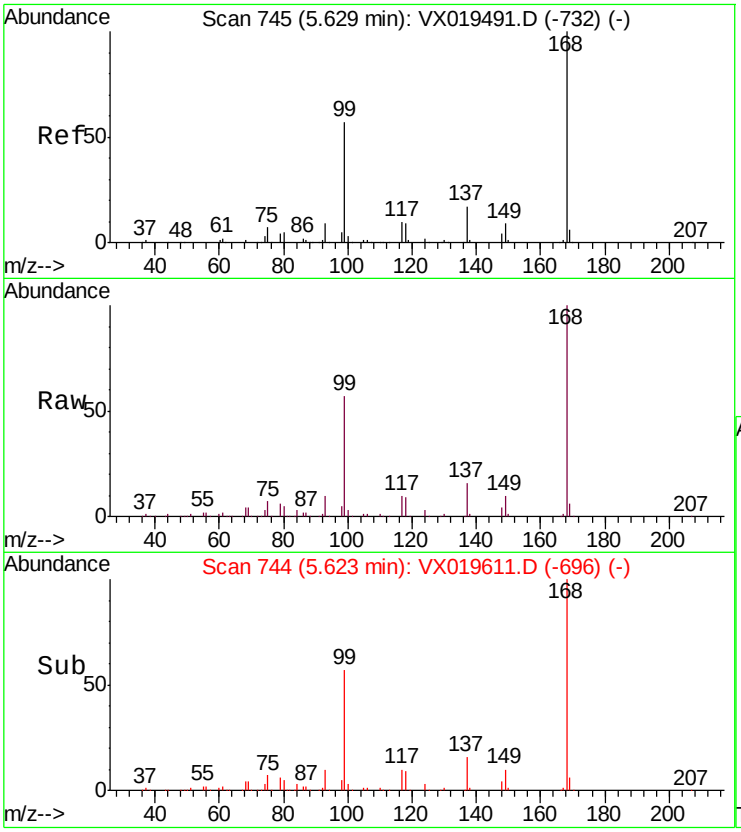
Quantitation Report (Not Reviewed)

Data File : VX019611.D
Acq On : 24 Nov 2020 17:28
Operator : JC/MD
Sample : PB133213ZHE#05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#05

Quant Time: Nov 25 04:04:08 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



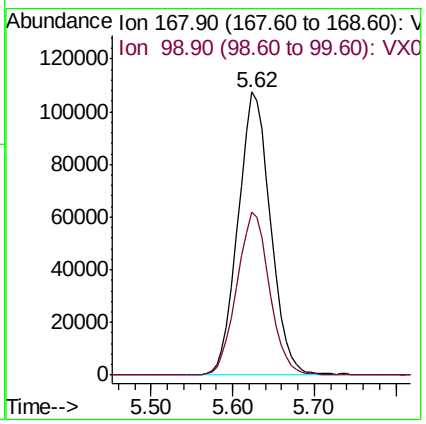


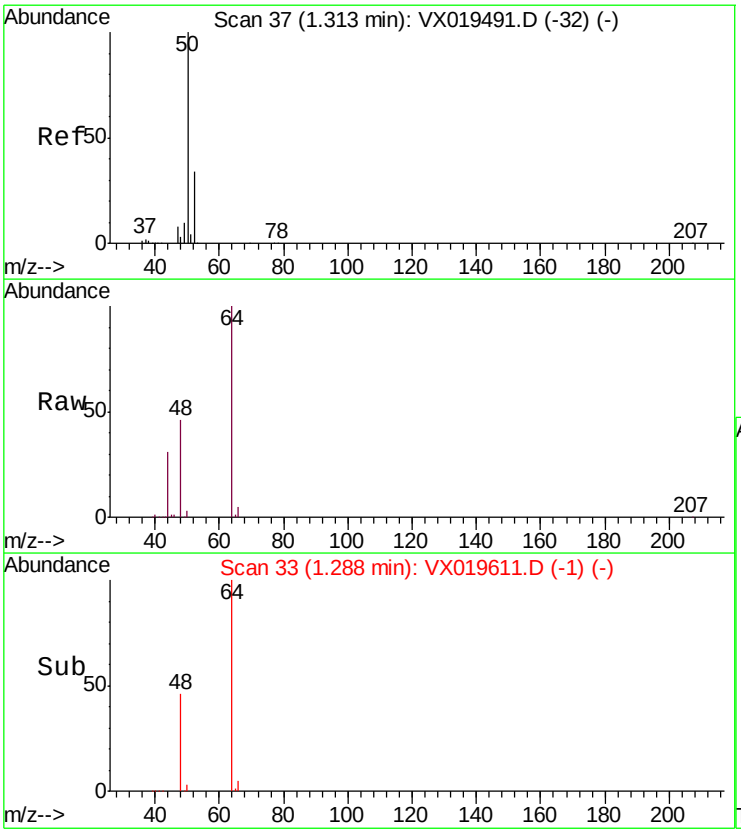
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.01 min
Lab File: VX019611.D
Acq: 24 Nov 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#05

Tgt Ion:168 Resp: 297620

Ion	Ratio	Lower	Upper
168	100		
99	57.5	45.8	68.6

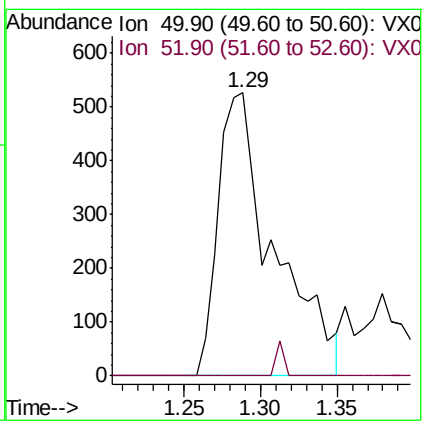


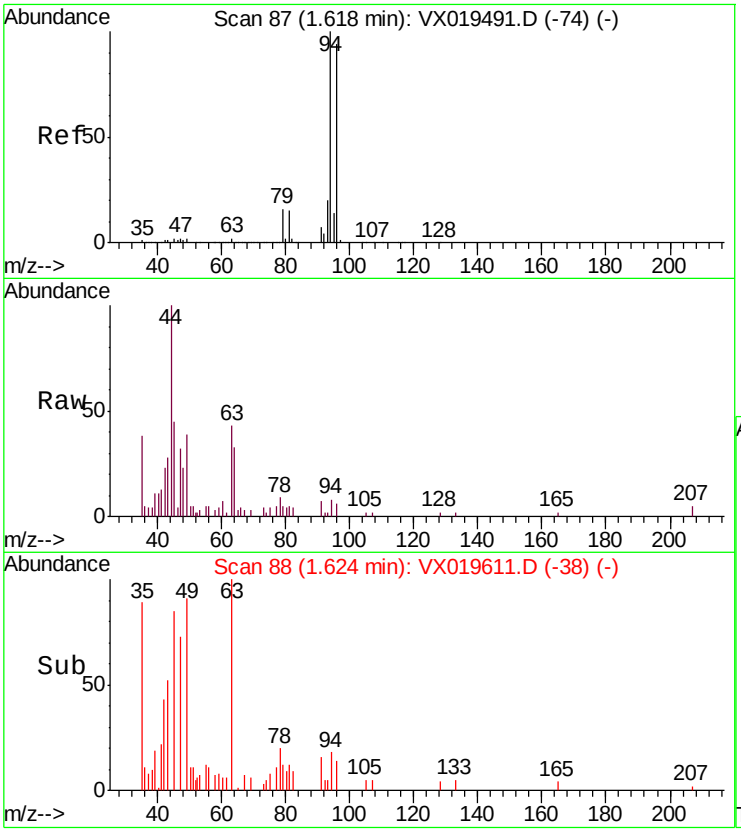


#3
Chloromethane
Concen: 0.400 ug/l
RT: 1.29 min Scan# 33
Delta R.T. -0.02 min
Lab File: VX019611.D
Acq: 24 Nov 2020 17:28

Tgt Ion: 50 Resp: 1329

Ion	Ratio	Lower	Upper
50	100		
52	0.0	27.0	40.6#



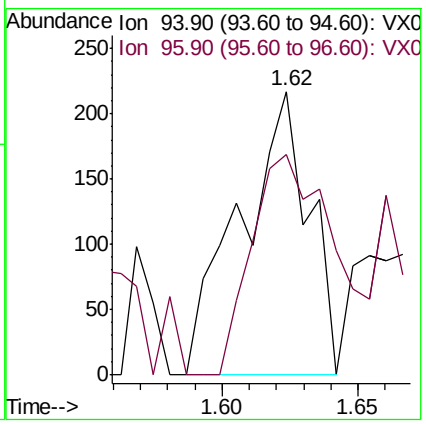


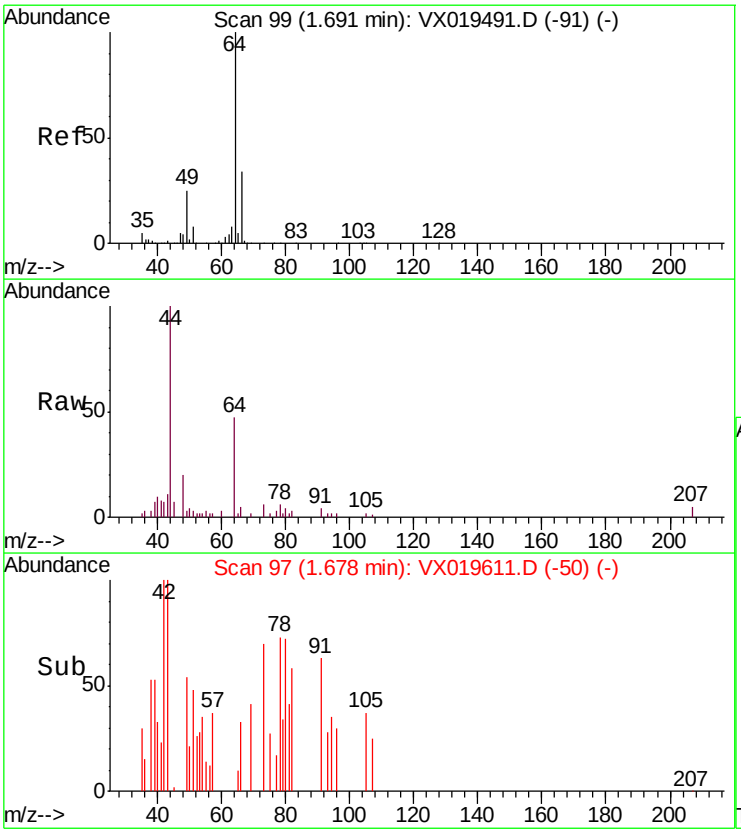
#5
Bromomethane
Concen: 0.281 ug/l
RT: 1.62 min Scan# 88
Delta R.T. 0.01 min
Lab File: VX019611.D
Acq: 24 Nov 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#05

Tgt Ion: 94 Resp: 380

Ion	Ratio	Lower	Upper
94	100		
96	77.9	75.6	113.4

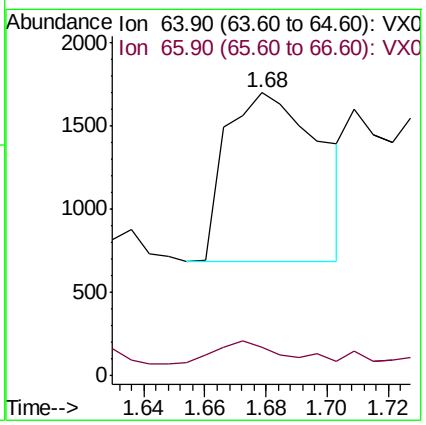


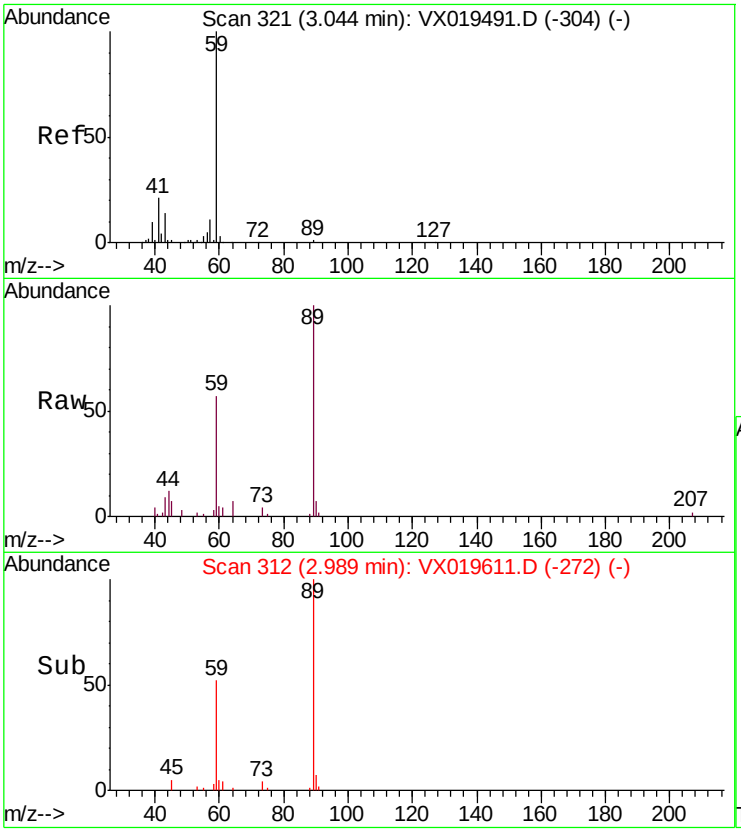


#6
Chloroethane
Concen: Below Cal
RT: 1.68 min Scan# 97
Delta R.T. -0.01 min
Lab File: VX019611.D
Acq: 24 Nov 2020 17:28

Tgt Ion: 64 Resp: 2156

Ion	Ratio	Lower	Upper
64	100		
66	8.8	27.1	40.7#



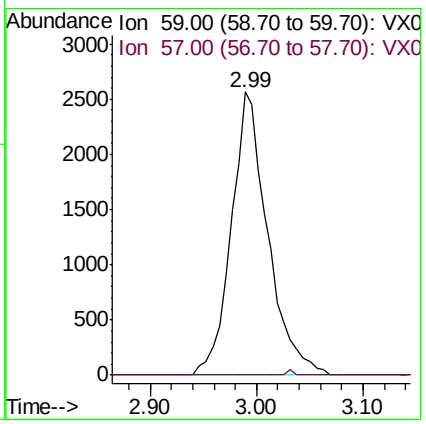


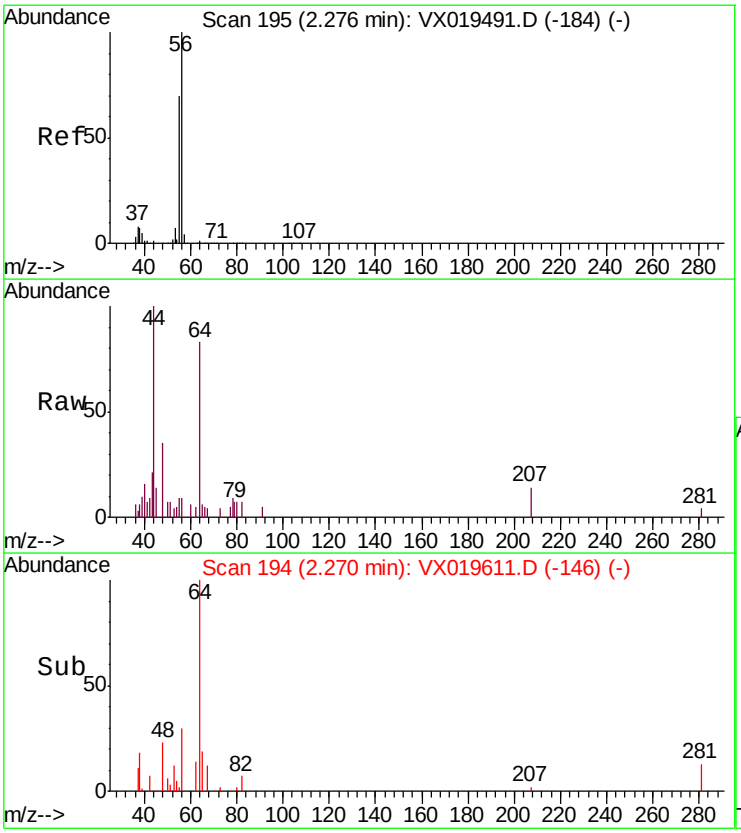
#11
Tert butyl alcohol
Concen: 8.417 ug/l
RT: 2.99 min Scan# 312
Delta R.T. -0.06 min
Lab File: VX019611.D
Acq: 24 Nov 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#05

Tgt Ion: 59 Resp: 6147

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.9	11.9#

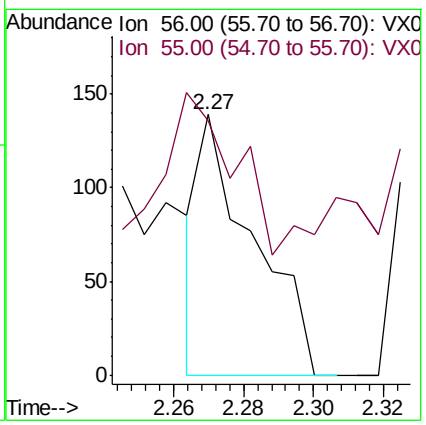


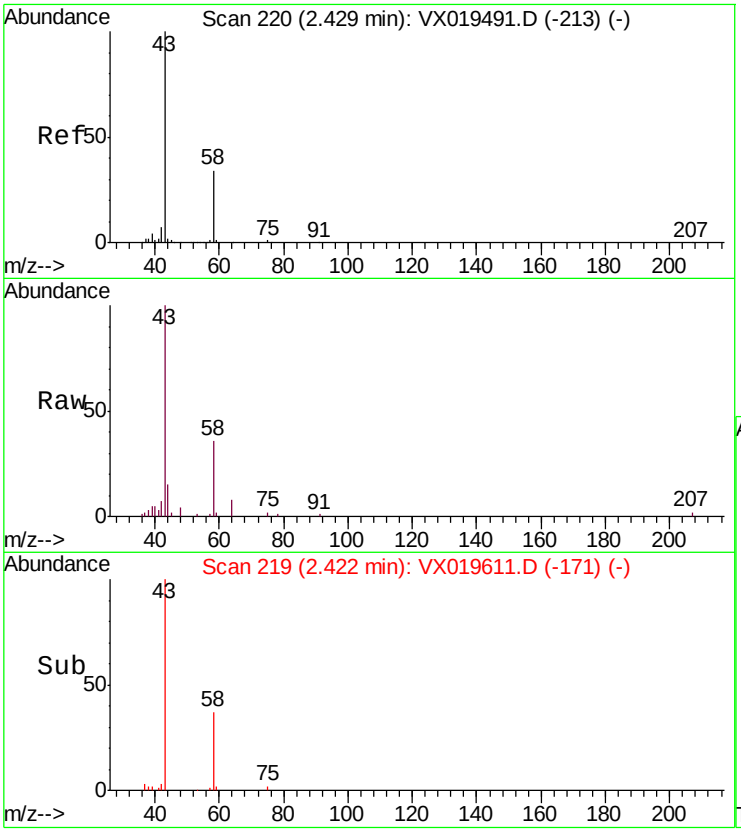


#13
Acrolein
Concen: 0.304 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX019611.D
Acq: 24 Nov 2020 17:28

Tgt Ion: 56 Resp: 149

Ion	Ratio	Lower	Upper
56	100		
55	59.1	55.5	83.3



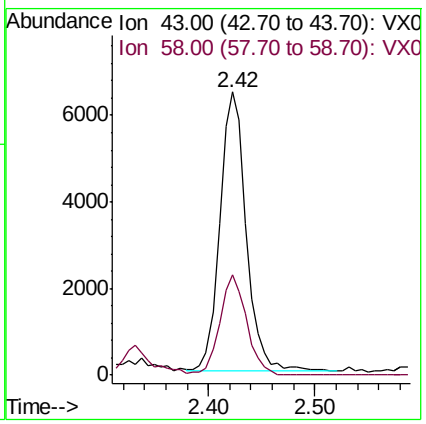


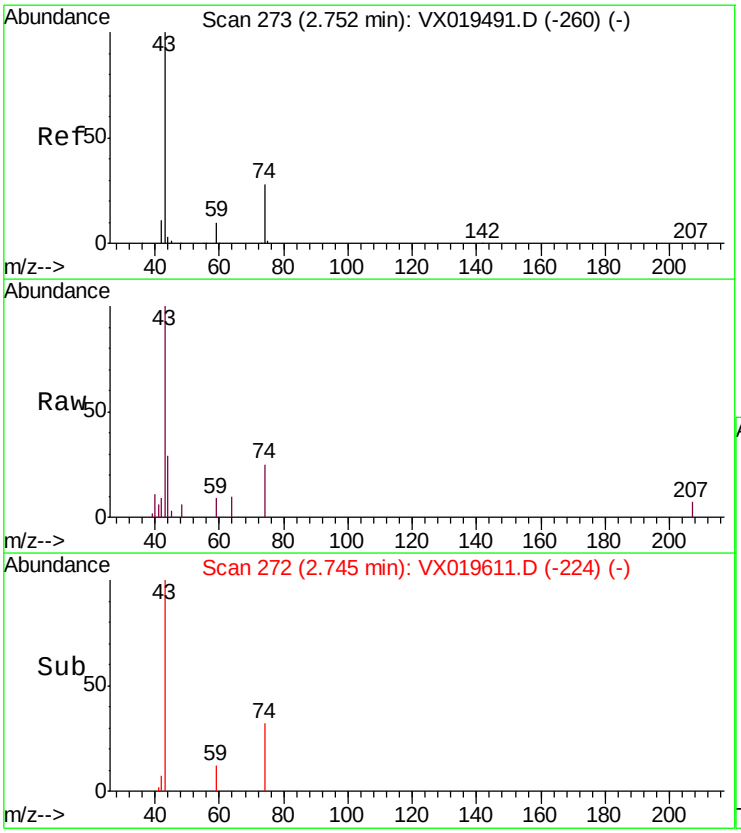
#16
Acetone
Concen: 7.480 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.01 min
Lab File: VX019611.D
Acq: 24 Nov 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#05

Tgt Ion: 43 Resp: 11162

Ion	Ratio	Lower	Upper
43	100		
58	36.1	27.4	41.2

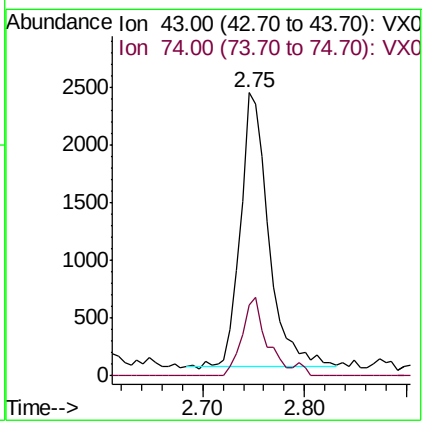


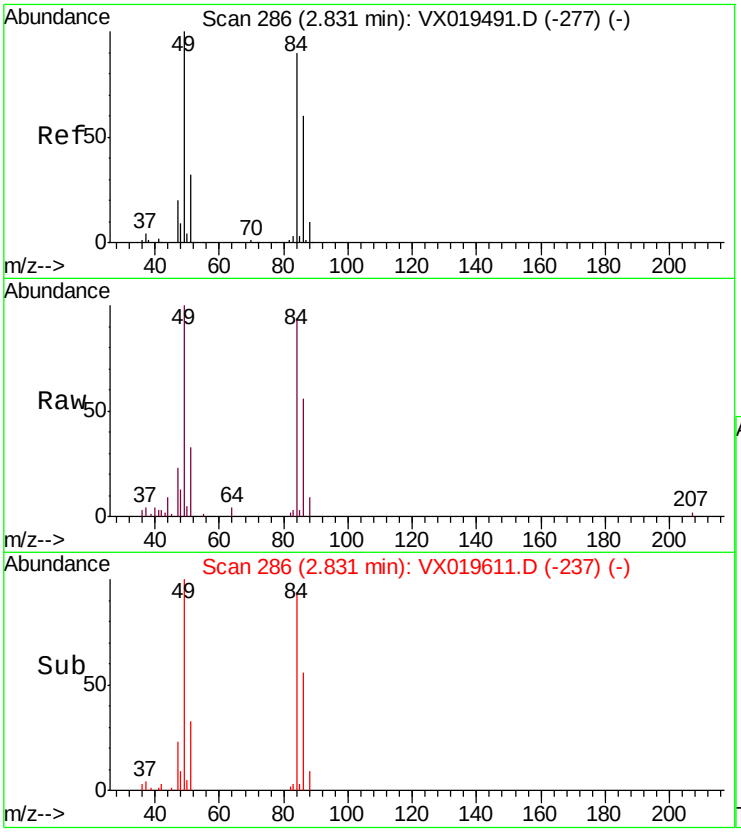


#18
Methyl Acetate
Concen: 1.868 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX019611.D
Acq: 24 Nov 2020 17:28

Tgt Ion: 43 Resp: 4570

Ion	Ratio	Lower	Upper
43	100		
74	26.4	22.2	33.4



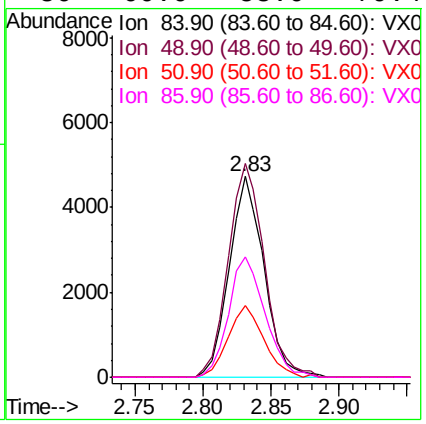


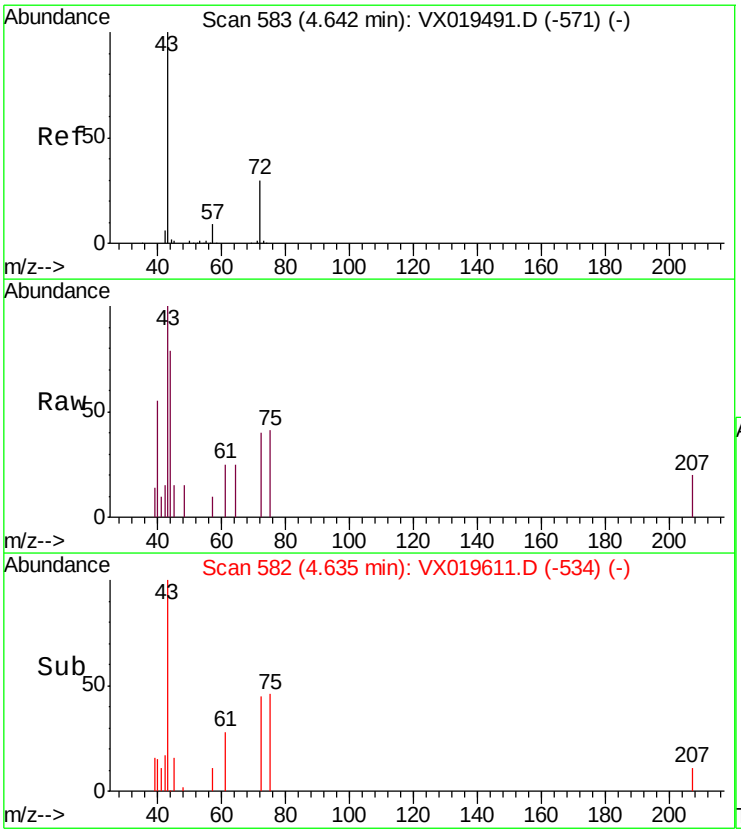
#20
Methylene Chloride
Concen: 2.256 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019611.D
Acq: 24 Nov 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#05

Tgt Ion: 84 Resp: 8415

Ion	Ratio	Lower	Upper
84	100		
49	106.4	88.5	132.7
51	35.4	28.0	42.0
86	60.0	53.0	79.4

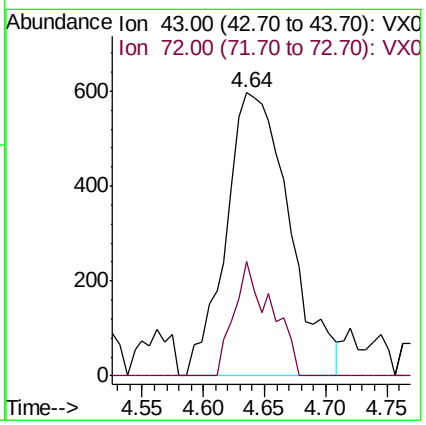


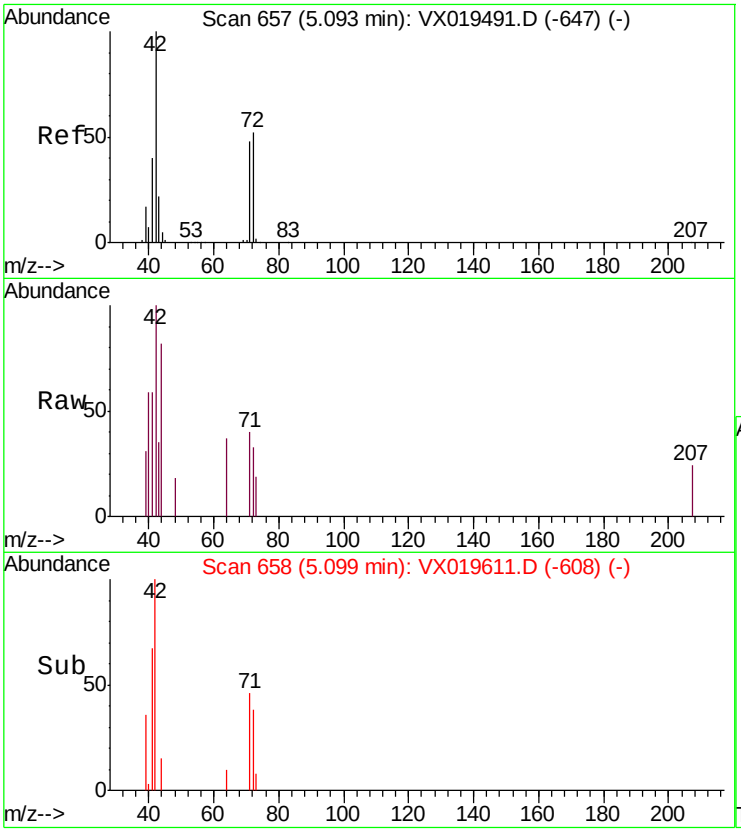


#25
2-Butanone
Concen: 0.956 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX019611.D
Acq: 24 Nov 2020 17:28

Tgt Ion: 43 Resp: 2143

Ion	Ratio	Lower	Upper
43	100		
72	40.2	24.0	36.0#



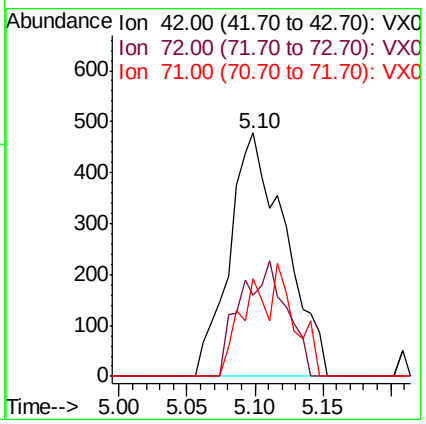


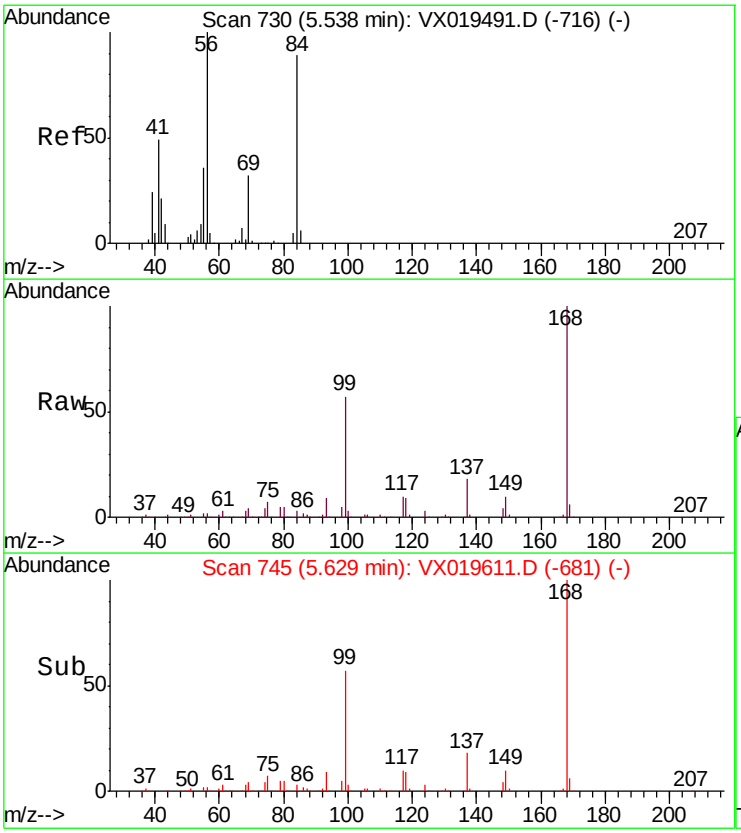
#29
Tetrahydrofuran
Concen: 0.954 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX019611.D
Acq: 24 Nov 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#05

Tgt Ion: 42 Resp: 1364

Ion	Ratio	Lower	Upper
42	100		
72	0.0	42.6	63.8#
71	20.0	39.0	58.6#

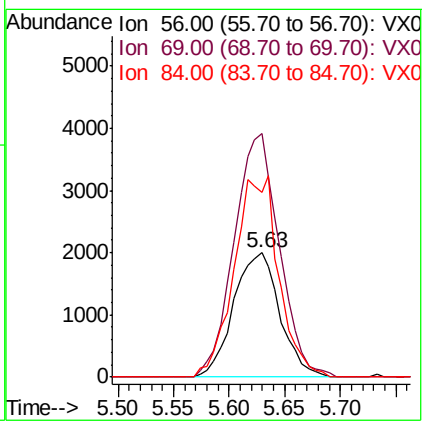


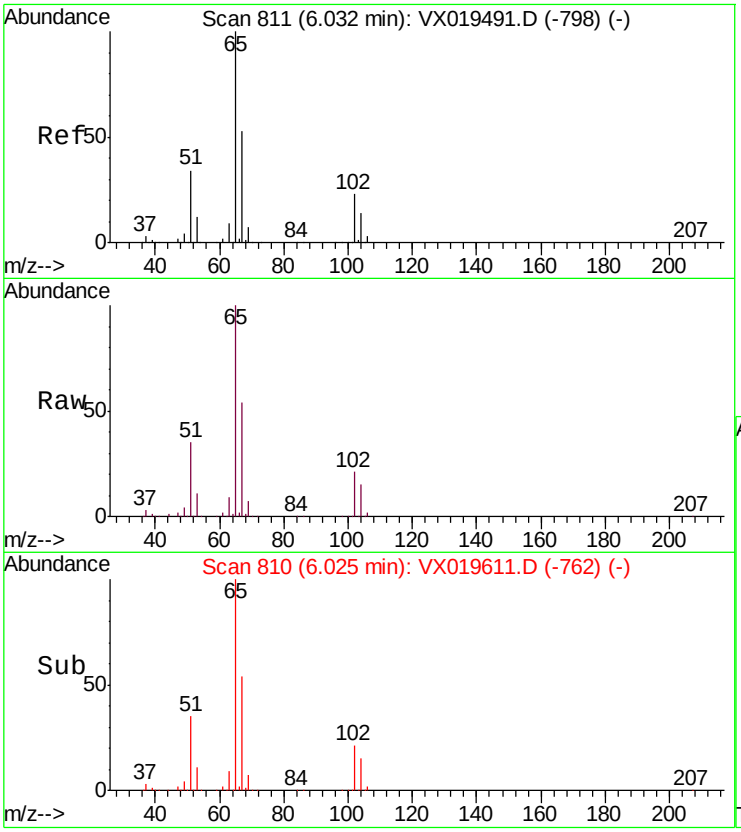


#31
Cyclohexane
Concen: 1.151 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.09 min
Lab File: VX019611.D
Acq: 24 Nov 2020 17:28

Tgt Ion: 56 Resp: 5779

Ion	Ratio	Lower	Upper
56	100		
69	195.8	25.5	38.3#
84	148.7	71.1	106.7#



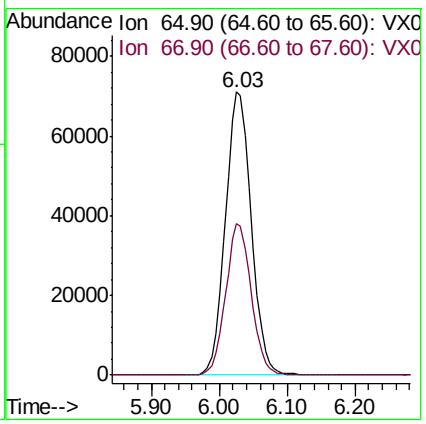


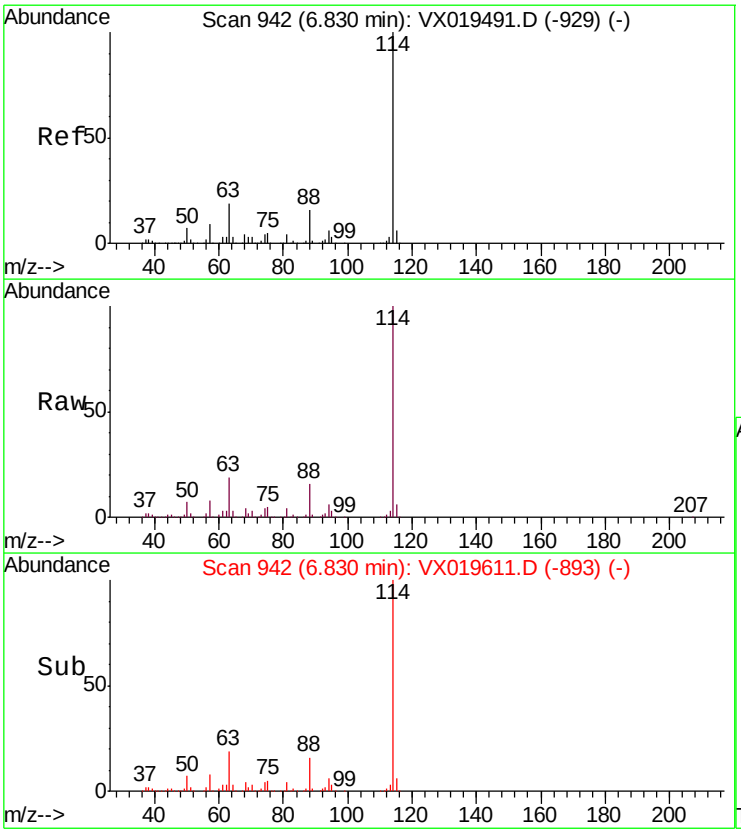
#33
1,2-Dichloroethane-d4
Concen: 48.553 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.01 min
Lab File: VX019611.D
Acq: 24 Nov 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#05

Tgt Ion: 65 Resp: 187359

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	105.0

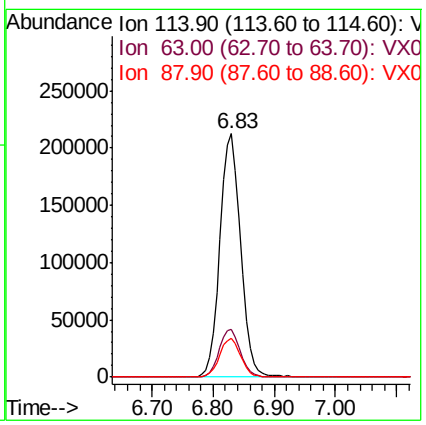


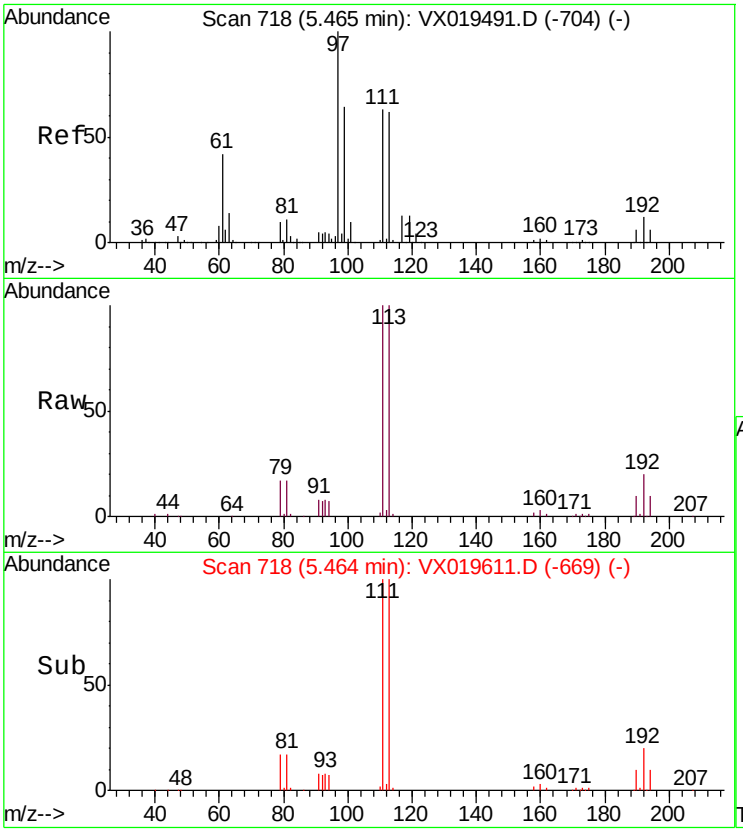


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX019611.D
Acq: 24 Nov 2020 17:28

Tgt Ion:114 Resp: 499165

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	38.8
88	16.2	0.0	31.6



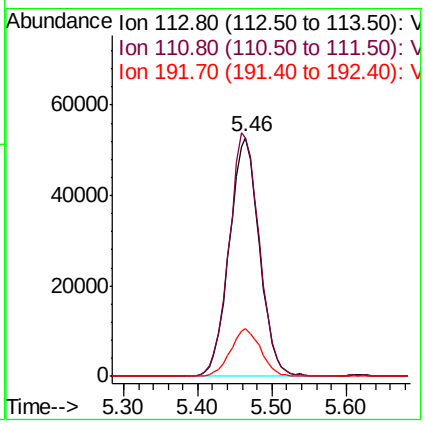


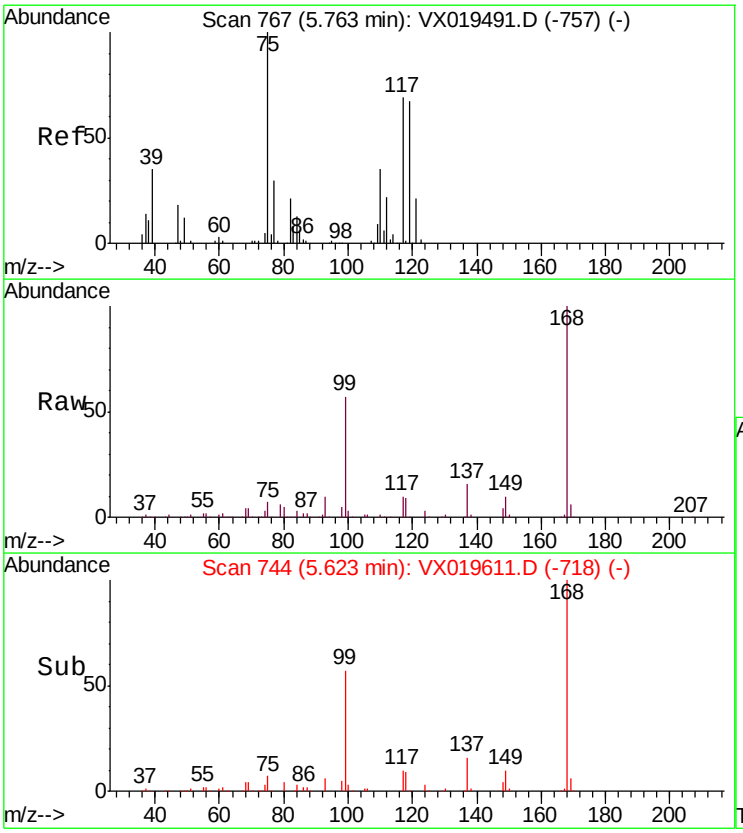
#35
Dibromofluoromethane
Concen: 47.705 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019611.D
Acq: 24 Nov 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#05

Tgt Ion:113 Resp: 149471

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.5	122.3
192	19.9	16.2	24.2

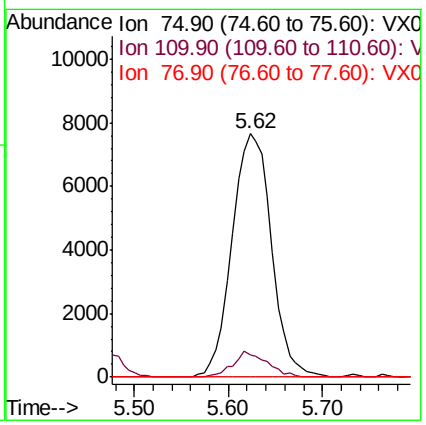


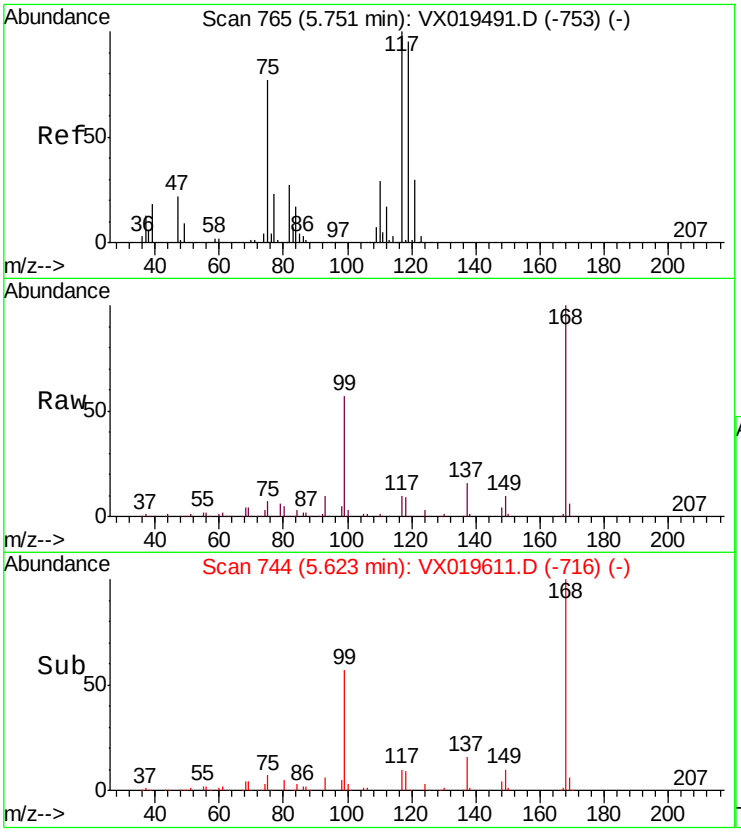


#36
1,1-Dichloropropene
Concen: 4.779 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.14 min
Lab File: VX019611.D
Acq: 24 Nov 2020 17:28

Tgt Ion: 75 Resp: 22363

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



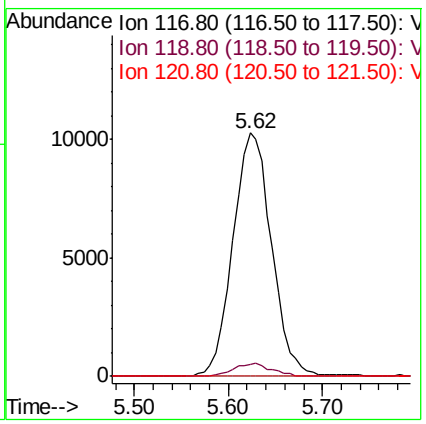


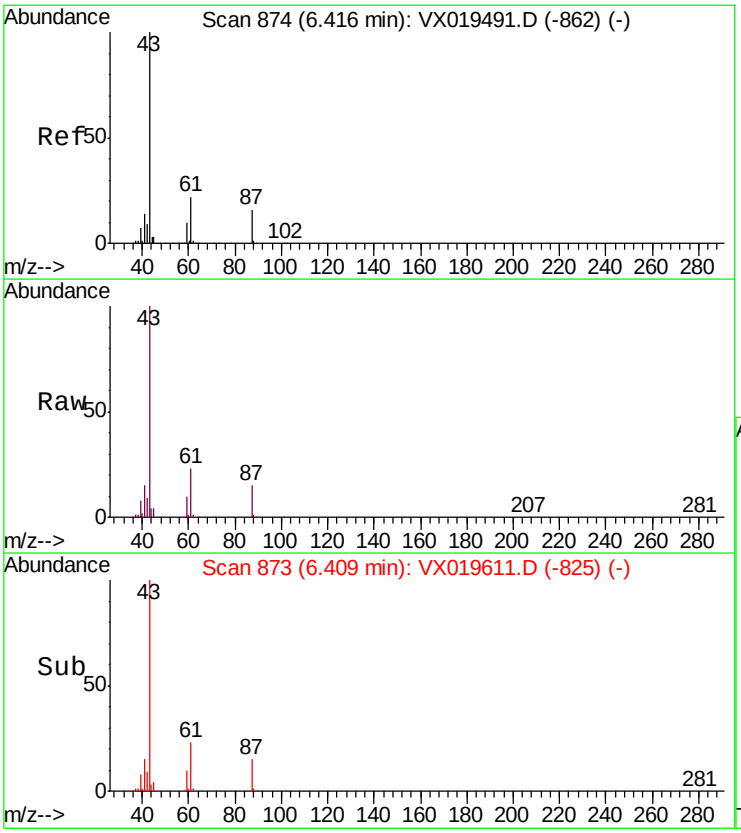
#38
Carbon Tetrachloride
Concen: 6.480 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.13 min
Lab File: VX019611.D
Acq: 24 Nov 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#05

Tgt Ion:117 Resp: 29354

Ion	Ratio	Lower	Upper
117	100		
119	4.7	75.9	113.9#
121	0.0	24.0	36.0#

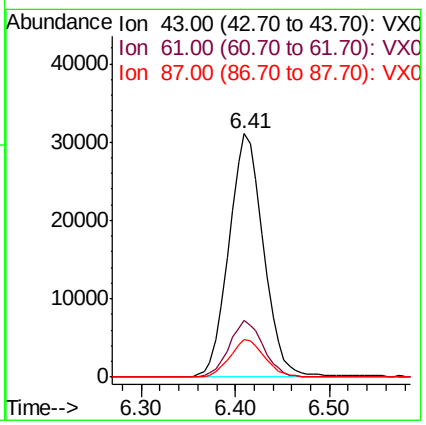


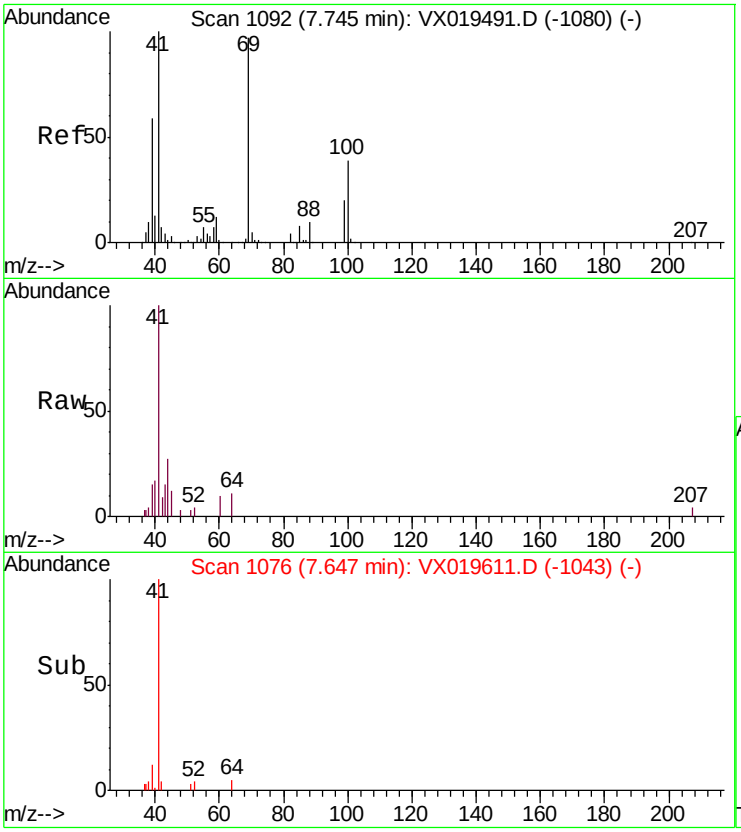


#43
Isopropyl Acetate
Concen: 10.735 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX019611.D
Acq: 24 Nov 2020 17:28

Tgt Ion: 43 Resp: 79282

Ion	Ratio	Lower	Upper
43	100		
61	22.9	18.2	27.2
87	15.4	12.6	18.8



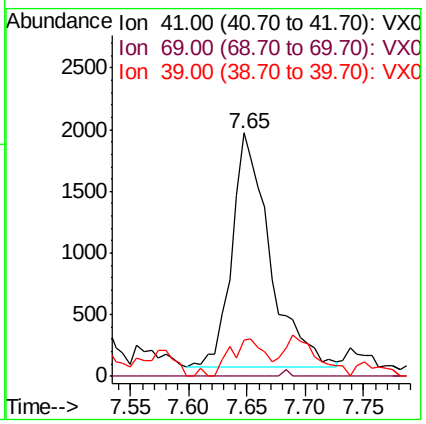


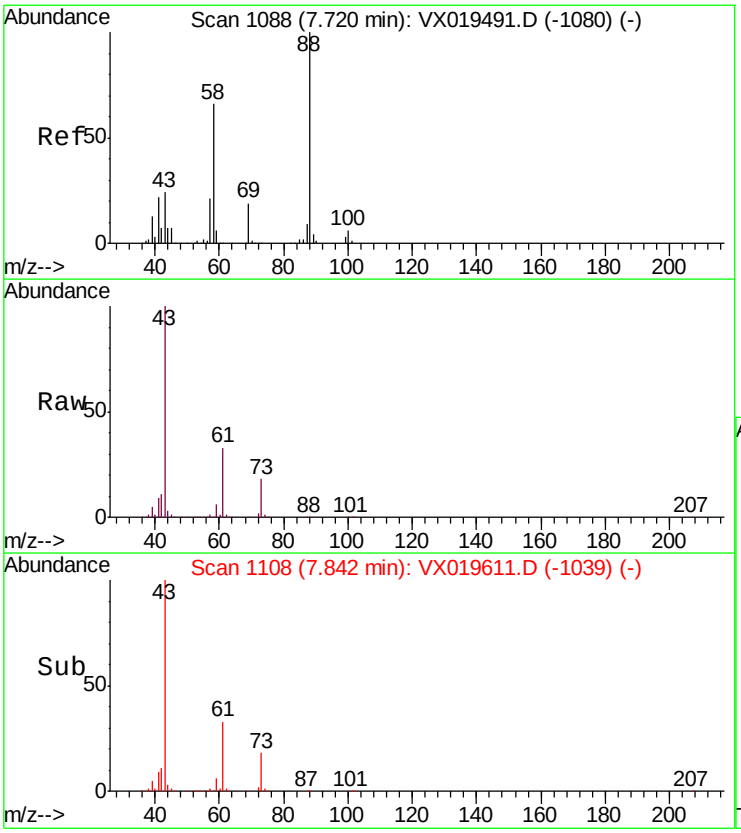
#48
Methyl methacrylate
Concen: 1.242 ug/l
RT: 7.65 min Scan# 1076
Delta R.T. -0.10 min
Lab File: VX019611.D
Acq: 24 Nov 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#05

Tgt Ion: 41 Resp: 4297

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

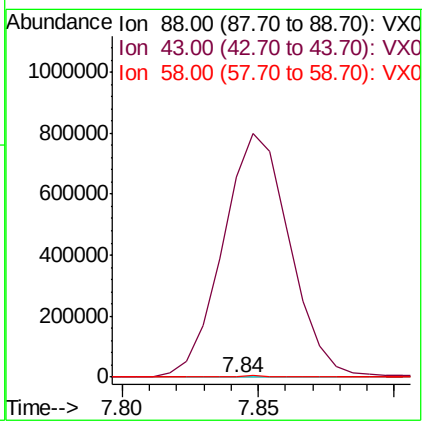


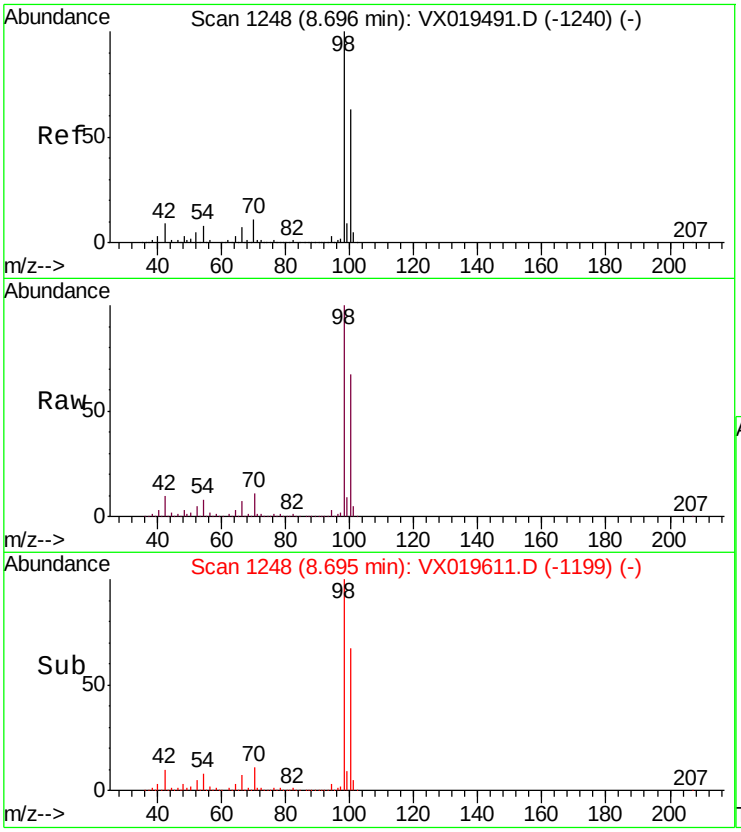


#49
1,4-Dioxane
Concen: 2.827 ug/l
RT: 7.84 min Scan# 1108
Delta R.T. 0.12 min
Lab File: VX019611.D
Acq: 24 Nov 2020 17:28

Tgt Ion: 88 Resp: 222

Ion	Ratio	Lower	Upper
88	100		
43	617600.0	23.8	35.6#
58	3022.5	54.2	81.2#



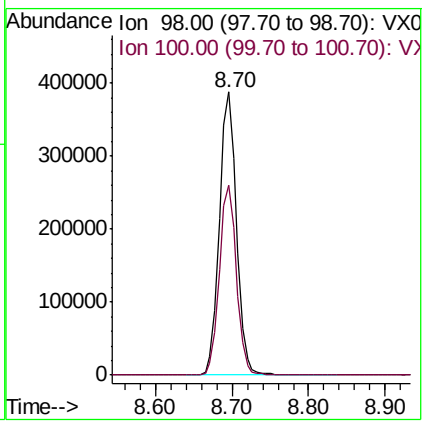


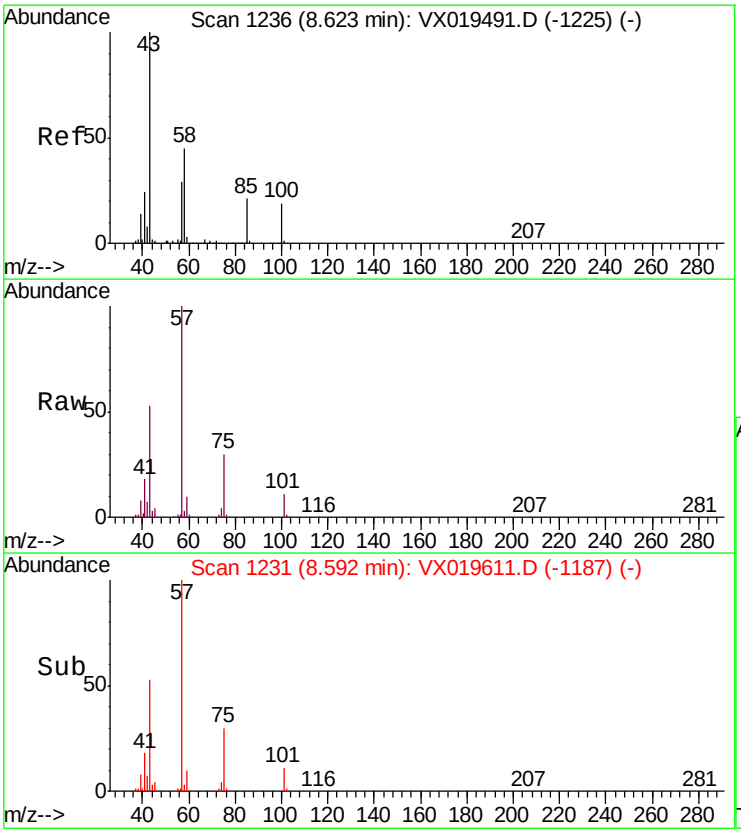
#50
Toluene-d8
Concen: 49.346 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019611.D
Acq: 24 Nov 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#05

Tgt Ion: 98 Resp: 600819

Ion	Ratio	Lower	Upper
98	100		
100	66.9	52.4	78.6

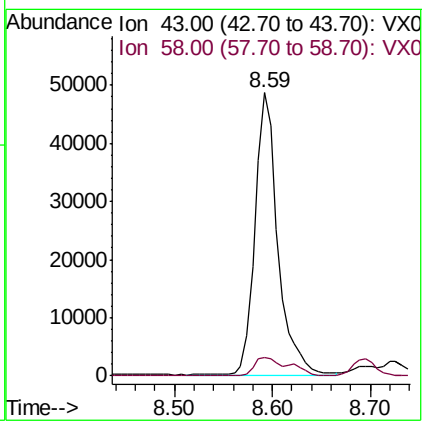


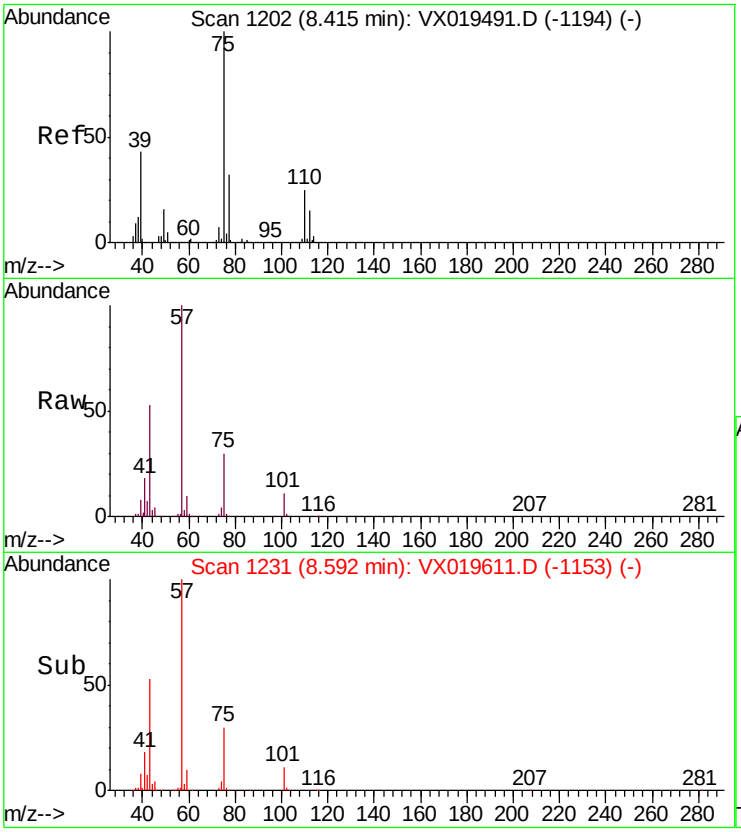


#51
4-Methyl-2-Pentanone
Concen: 18.219 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.03 min
Lab File: VX019611.D
Acq: 24 Nov 2020 17:28

Tgt Ion: 43 Resp: 78460

Ion	Ratio	Lower	Upper
43	100		
58	10.2	35.1	52.7#



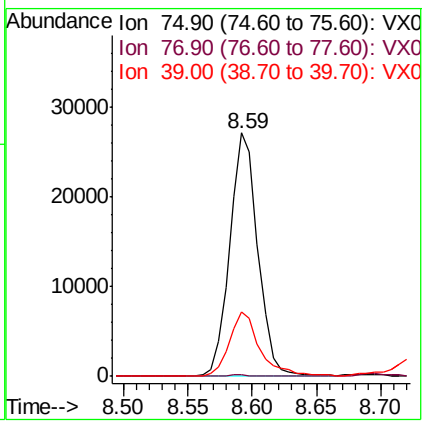


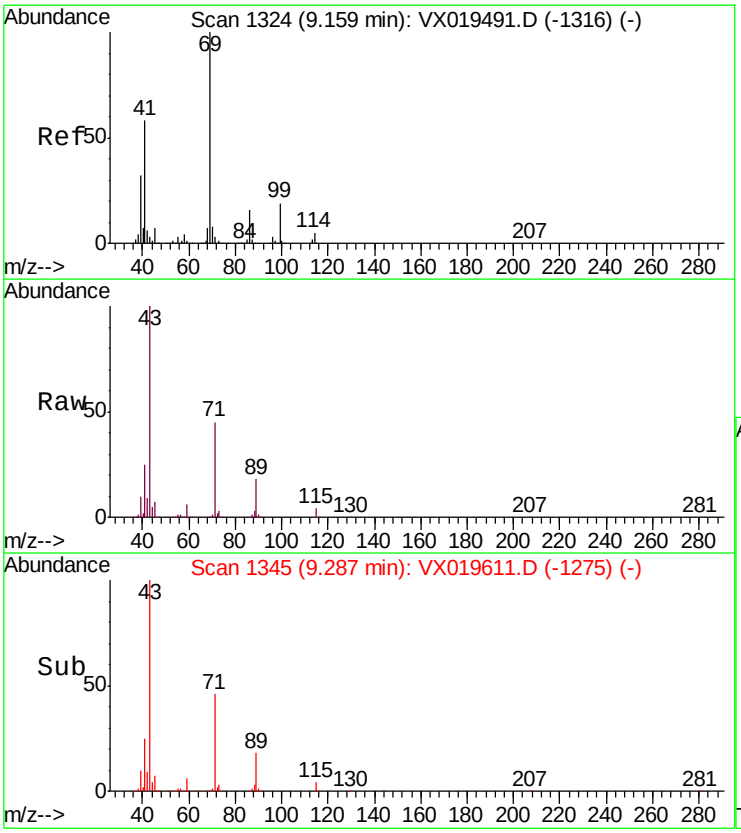
#54
cis-1,3-Dichloropropene
Concen: 7.313 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. 0.18 min
Lab File: VX019611.D
Acq: 24 Nov 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#05

Tgt Ion: 75 Resp: 41205

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.8	38.6#
39	26.4	34.6	51.8#

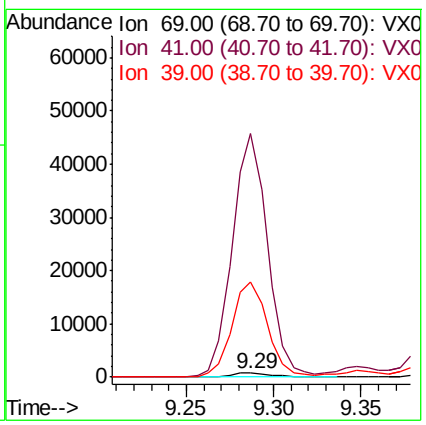


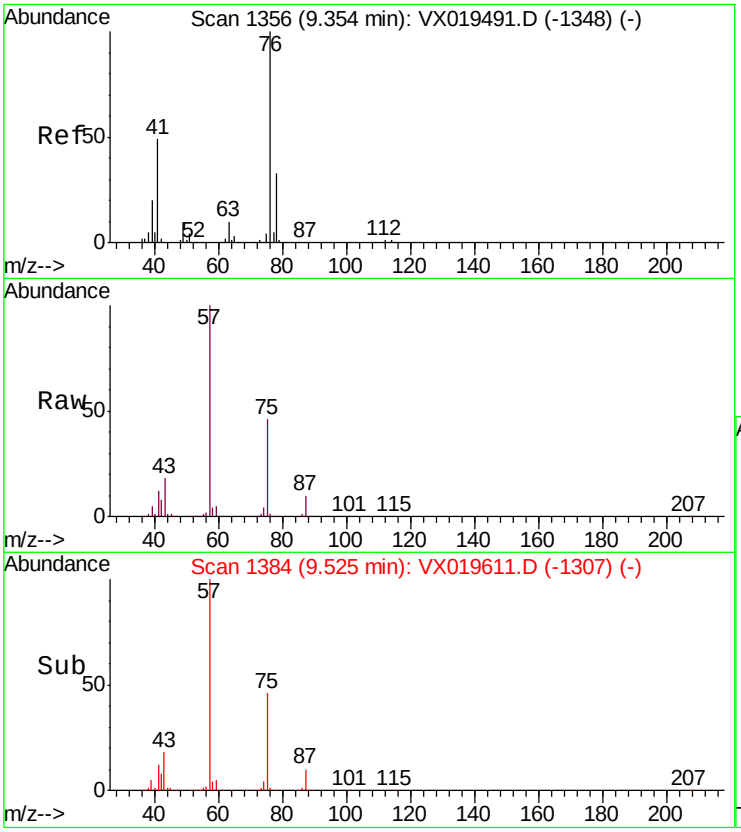


#56
Ethyl methacrylate
Concen: 0.260 ug/l
RT: 9.29 min Scan# 1345
Delta R.T. 0.13 min
Lab File: VX019611.D
Acq: 24 Nov 2020 17:28

Tgt Ion: 69 Resp: 1320

Ion	Ratio	Lower	Upper
69	100		
41	4839.5	46.2	69.2#
39	1940.6	25.5	38.3#



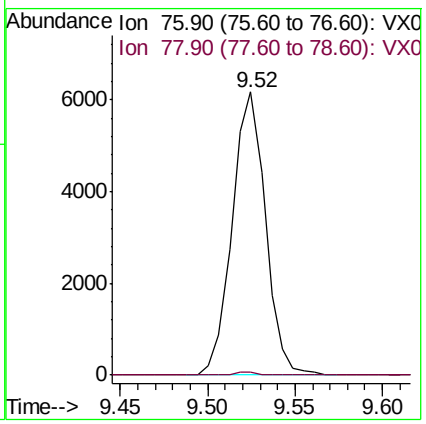


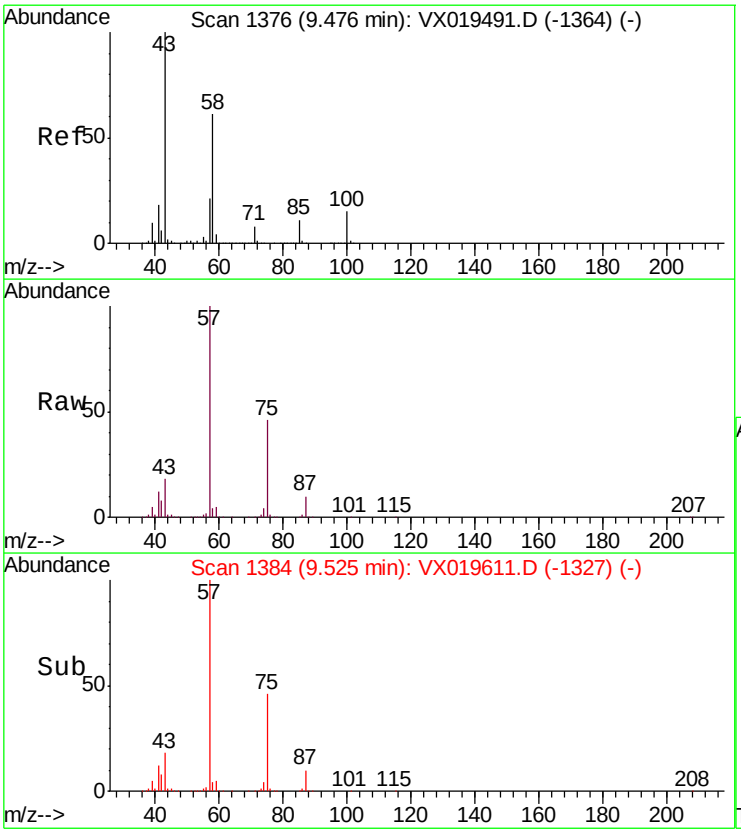
#57
1,3-Dichloropropane
Concen: 1.366 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.17 min
Lab File: VX019611.D
Acq: 24 Nov 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#05

Tgt Ion: 76 Resp: 8190

Ion	Ratio	Lower	Upper
76	100		
78	0.6	25.7	38.5#

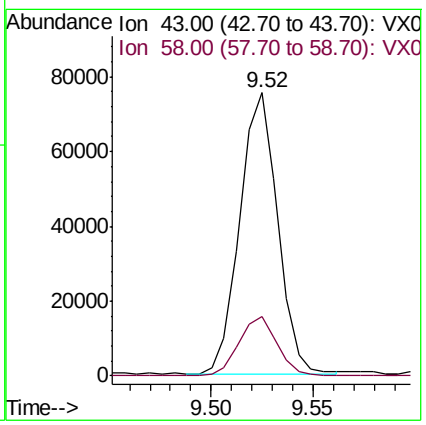


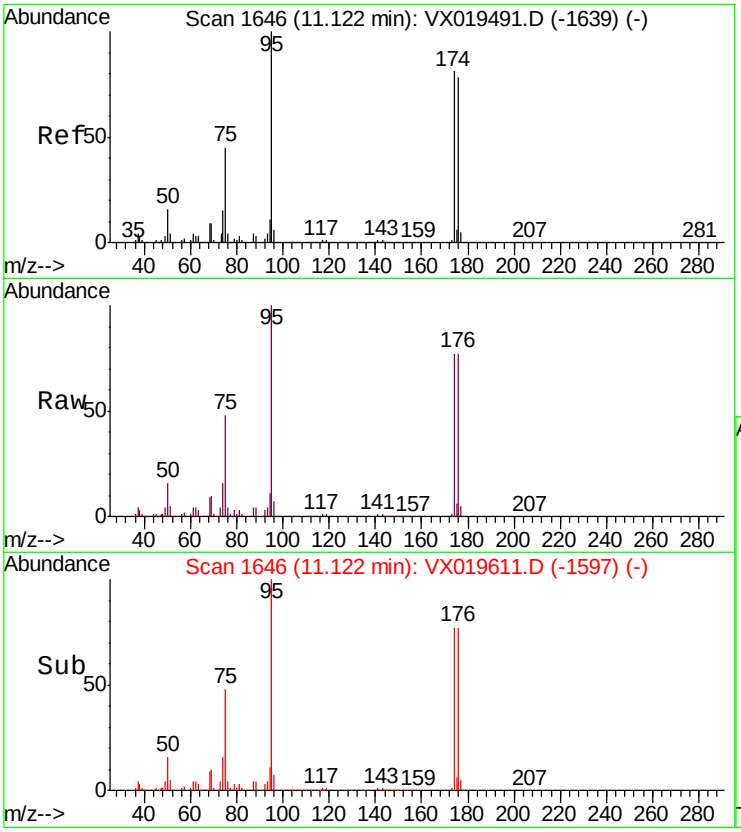


#59
2-Hexanone
Concen: 29.614 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX019611.D
Acq: 24 Nov 2020 17:28

Tgt Ion: 43 Resp: 96721

Ion	Ratio	Lower	Upper
43	100		
58	21.4	30.6	91.6#



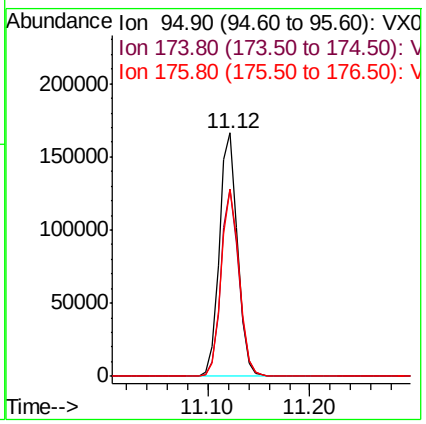


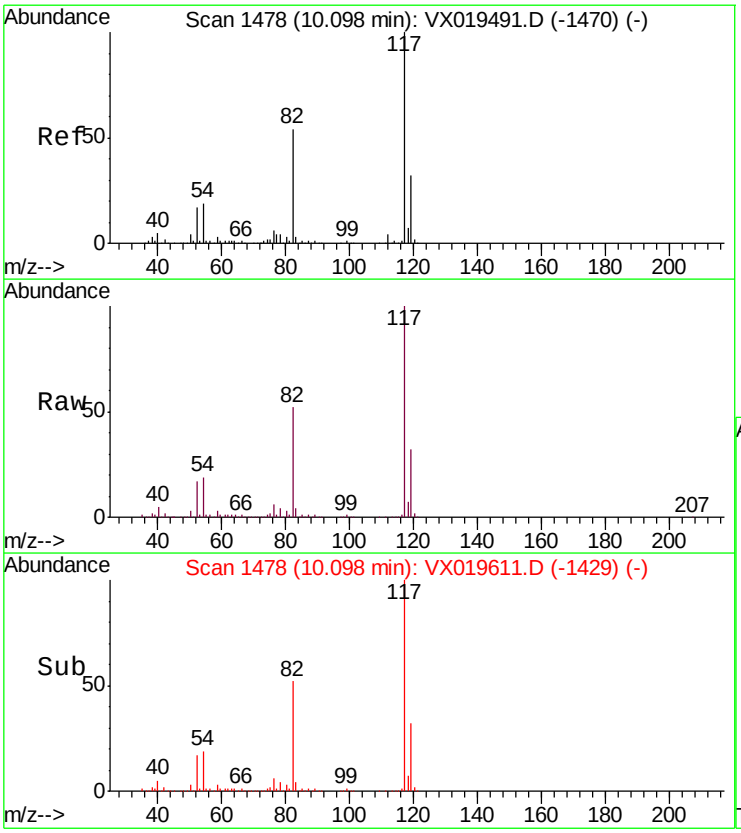
#62
4-Bromofluorobenzene
Concen: 47.548 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019611.D
Acq: 24 Nov 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#05

Tgt Ion: 95 Resp: 208288

Ion	Ratio	Lower	Upper
95	100		
174	75.3	0.0	156.2
176	75.9	0.0	151.4

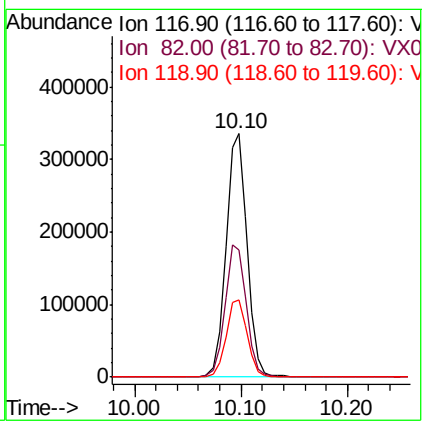


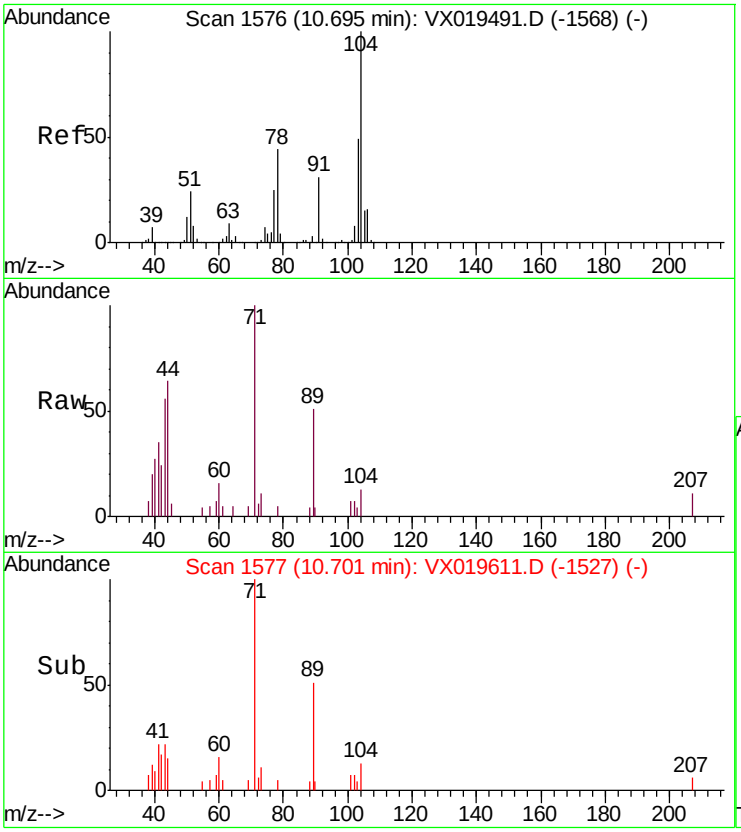


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019611.D
Acq: 24 Nov 2020 17:28

Tgt Ion:117 Resp: 462404

Ion	Ratio	Lower	Upper
117	100		
82	52.2	43.0	64.4
119	31.7	25.6	38.4



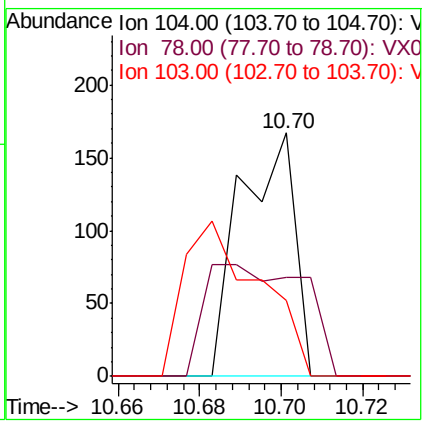


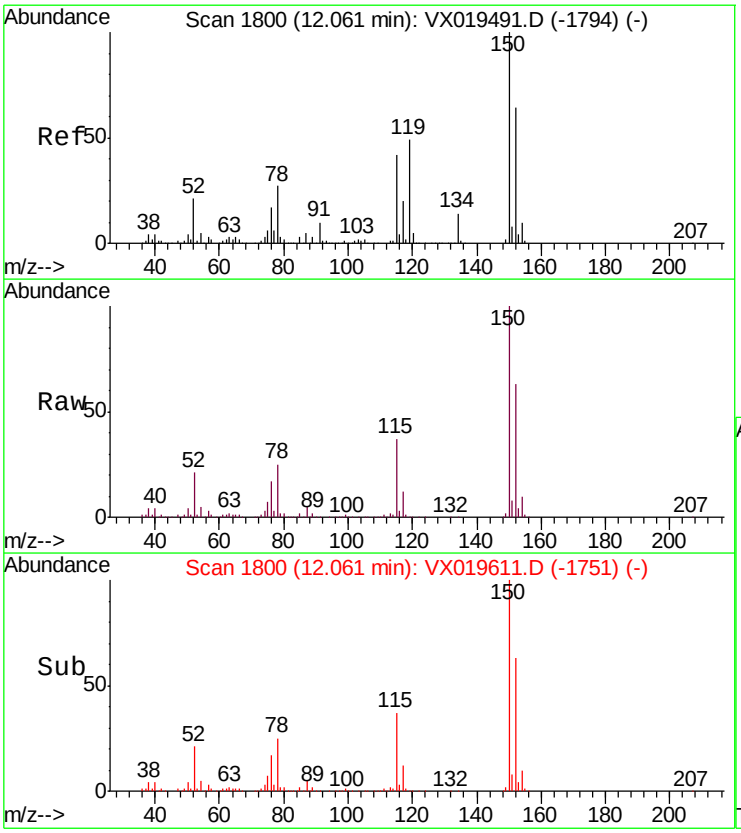
#70
Styrene
Concen: 1.659 ug/l
RT: 10.70 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VX019611.D
Acq: 24 Nov 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#05

Tgt Ion:104 Resp: 155

Ion	Ratio	Lower	Upper
104	100		
78	83.9	39.5	59.3#
103	88.4	43.6	65.4#

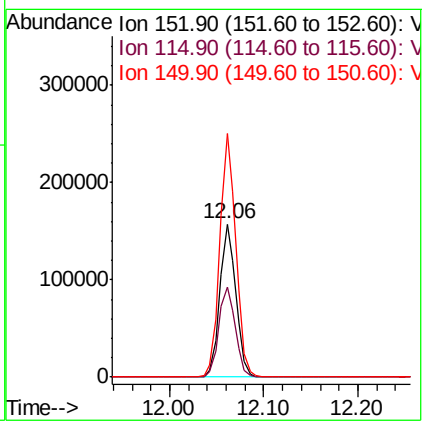


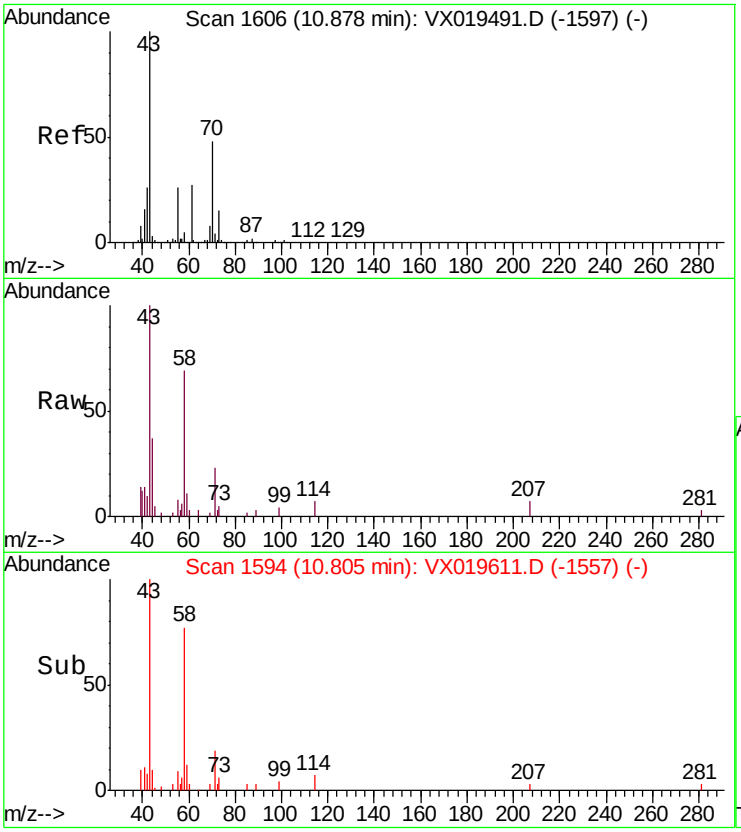


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019611.D
Acq: 24 Nov 2020 17:28

Tgt Ion:152 Resp: 185067

Ion	Ratio	Lower	Upper
152	100		
115	60.8	41.8	125.4
150	158.4	0.0	348.2



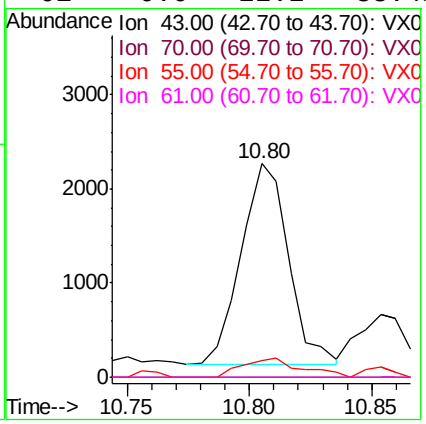


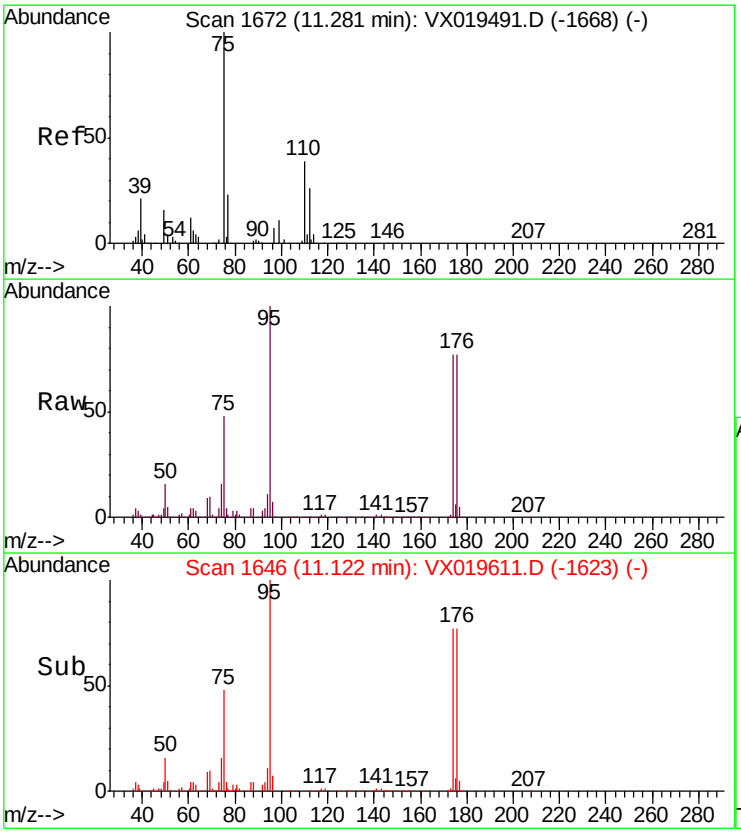
#74
N-amyl acetate
Concen: 0.598 ug/l
RT: 10.80 min Scan# 1594
Delta R.T. -0.07 min
Lab File: VX019611.D
Acq: 24 Nov 2020 17:28

Instrument : MSVOA_X
ClientSampleId : PB133213ZHE#05

Tgt Ion: 43 Resp: 2868

Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.7	59.5#
55	11.9	21.8	32.6#
61	0.0	22.2	33.4#

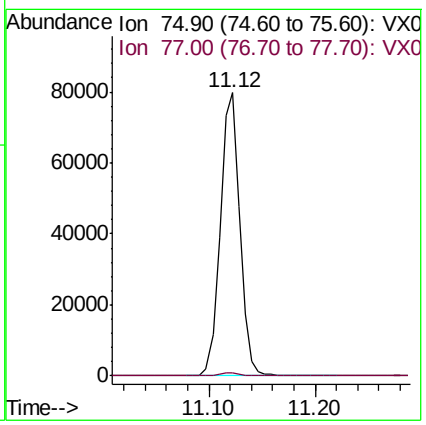


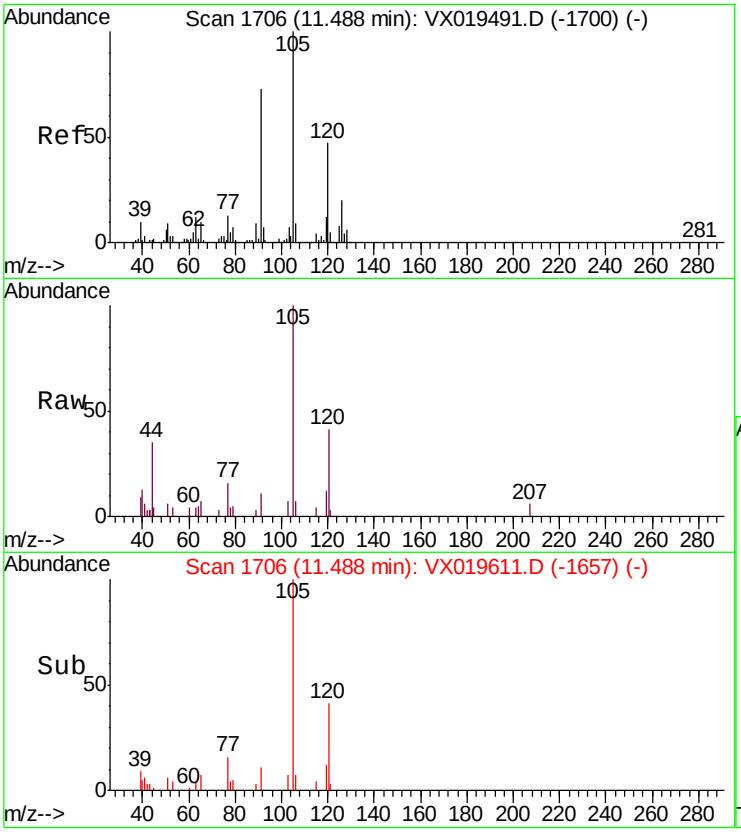


#76
1,2,3-Trichloropropane
Concen: 25.193 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX019611.D
Acq: 24 Nov 2020 17:28

Tgt Ion: 75 Resp: 101751

Ion	Ratio	Lower	Upper
75	100		
77	1.1	20.0	60.0#



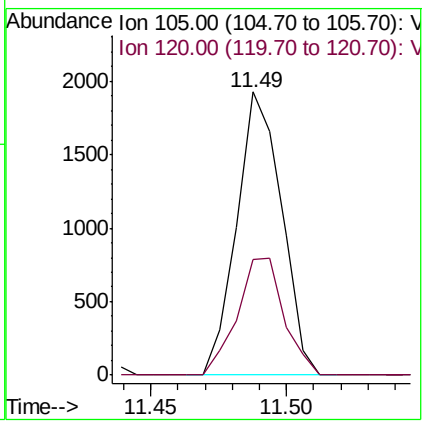


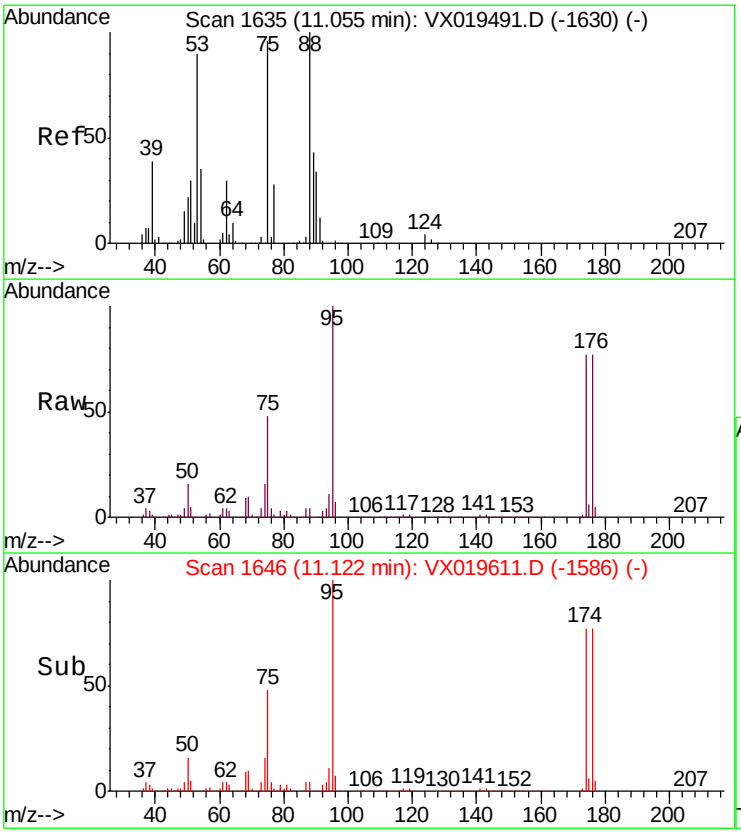
#80
1,3,5-Trimethylbenzene
Concen: 0.205 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VX019611.D
Acq: 24 Nov 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#05

Tgt Ion:105 Resp: 2197

Ion	Ratio	Lower	Upper
105	100		
120	43.2	24.1	72.3

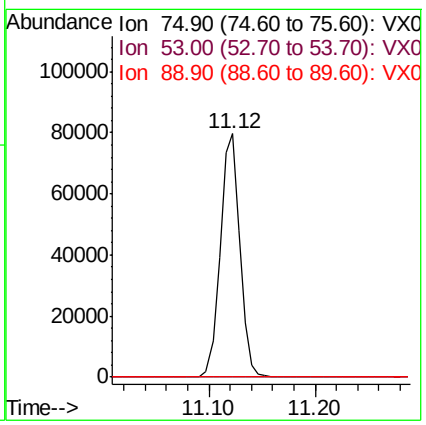


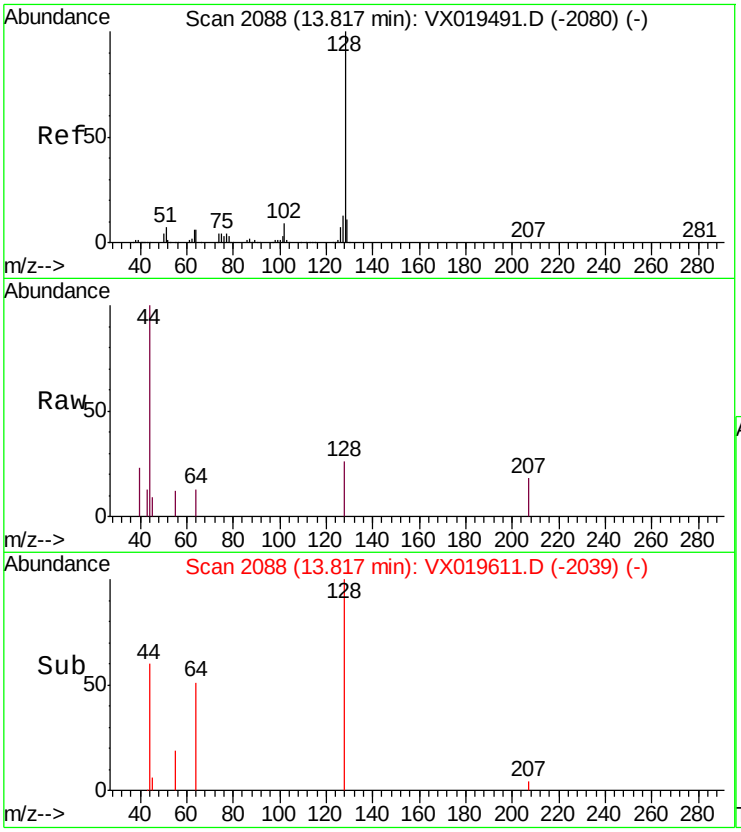


#81
trans-1,4-Dichloro-2-butene
Concen: 66.518 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX019611.D
Acq: 24 Nov 2020 17:28

Tgt Ion: 75 Resp: 101751

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





#95
Naphthalene
Concen: 2.195 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019611.D
Acq: 24 Nov 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#05

Tgt Ion:128 Resp: 247

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