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

Quantitation Report (Not Reviewed)

Data File : VX019610.D
Acq On : 24 Nov 2020 17:05
Operator : JC/MD
Sample : PB133213ZHE#04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB133213ZHE#04

Quant Time: Nov 25 04:03:49 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	289026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	475164	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	438037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	171203	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	180882	48.27	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 96.54%			
35) Dibromofluoromethane	5.46	113	143044	47.96	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.92%			
50) Toluene-d8	8.70	98	578703	49.93	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.86%			
62) 4-Bromofluorobenzene	11.12	95	197171	47.28	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.56%			
Target Compounds						Qvalue
3) Chloromethane	1.28	50	1810	0.561	ug/l #	41
6) Chloroethane	1.67	64	2293	Below Cal #		41
11) Tert butyl alcohol	3.00	59	6301	8.885	ug/l #	78
13) Acrolein	2.30	56	136	0.285	ug/l #	43
16) Acetone	2.42	43	11149	7.693	ug/l	98
18) Methyl Acetate	2.75	43	4272	1.822	ug/l	97
20) Methylene Chloride	2.83	84	8280	2.286	ug/l	98
25) 2-Butanone	4.65	43	2267	1.041	ug/l	92
29) Tetrahydrofuran	5.10	42	1464	1.054	ug/l #	87
31) Cyclohexane	5.62	56	5445	1.117	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	21919	4.920	ug/l #	50
38) Carbon Tetrachloride	5.62	117	28524	6.615	ug/l #	17
43) Isopropyl Acetate	6.41	43	78969	11.233	ug/l	99
48) Methyl methacrylate	7.65	41	4187	1.272	ug/l #	9
49) 1,4-Dioxane	7.85	88	247	3.304	ug/l #	1
51) 4-Methyl-2-Pentanone	8.59	43	77948	19.015	ug/l #	48
54) cis-1,3-Dichloropropene	8.59	75	40977	7.640	ug/l #	60
56) Ethyl methacrylate	9.29	69	1237	0.256	ug/l #	1
57) 1,3-Dichloropropane	9.52	76	8277	1.450	ug/l #	44
59) 2-Hexanone	9.42	43	72619	23.357	ug/l #	20
70) Styrene	10.70	104	206	1.665	ug/l #	49
74) N-amyl acetate	10.80	43	2931	0.660	ug/l #	43
76) 1,2,3-Trichloropropane	11.12	75	97136	25.998	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.49	105	2189	0.220	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.12	75	97136	68.508	ug/l #	12
95) Naphthalene	13.82	128	243	2.196	ug/l #	69

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

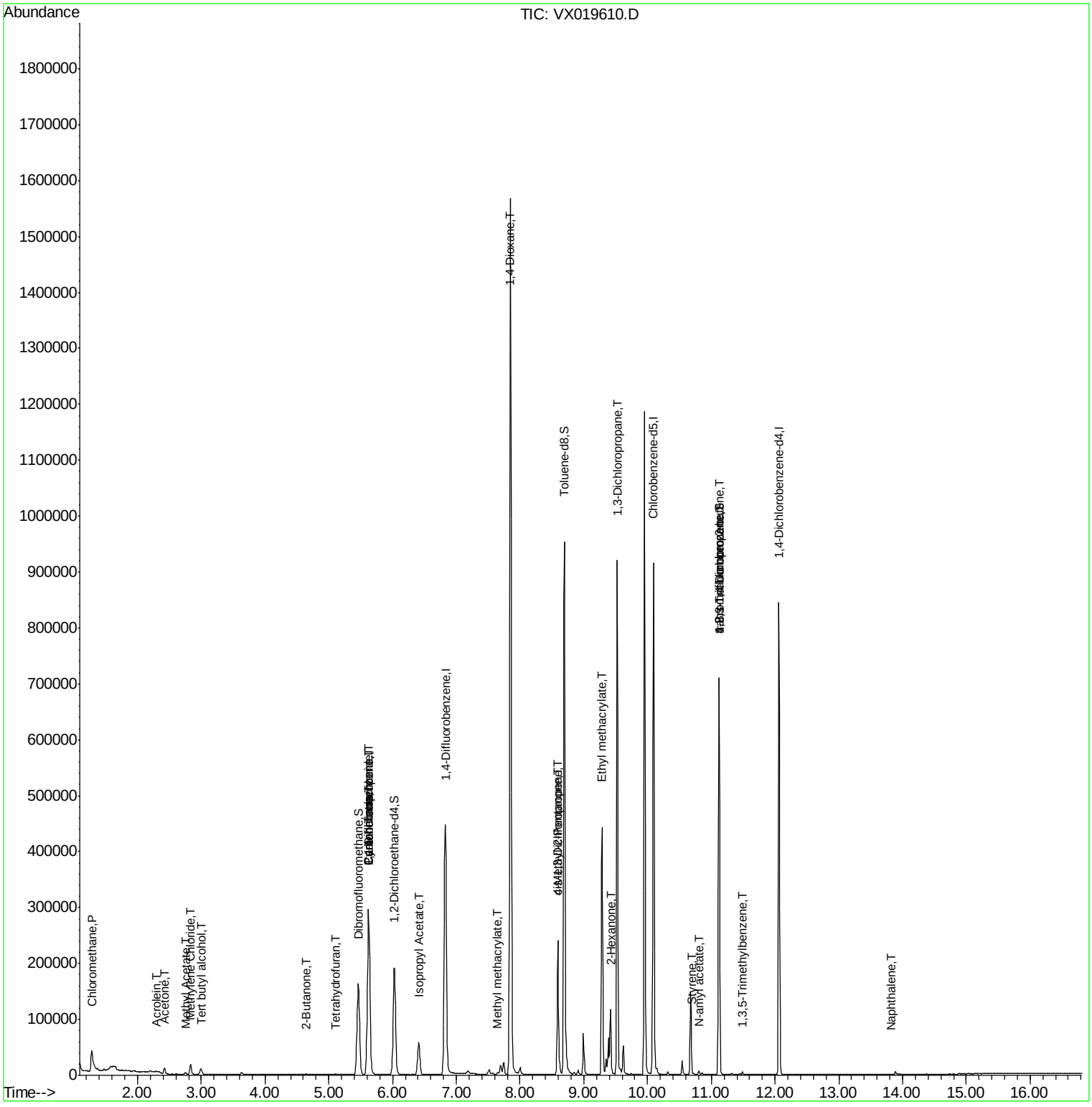
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112420\

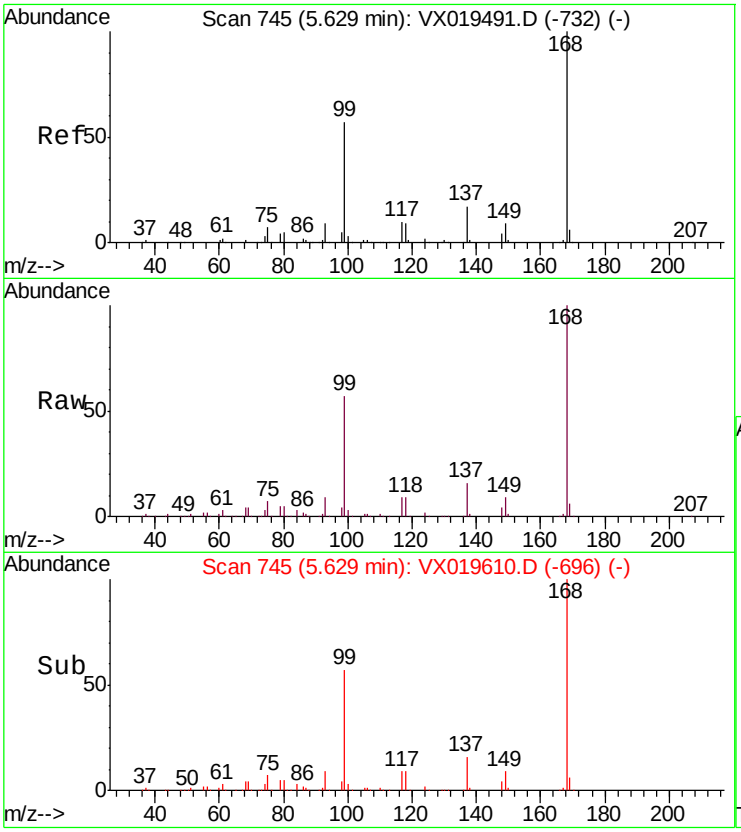
Quantitation Report (Not Reviewed)

Data File : VX019610.D
Acq On : 24 Nov 2020 17:05
Operator : JC/MD
Sample : PB133213ZHE#04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#04

Quant Time: Nov 25 04:03:49 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



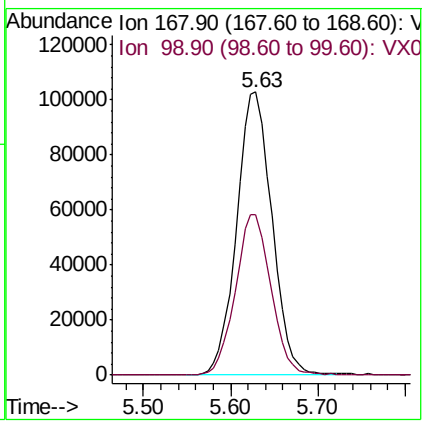


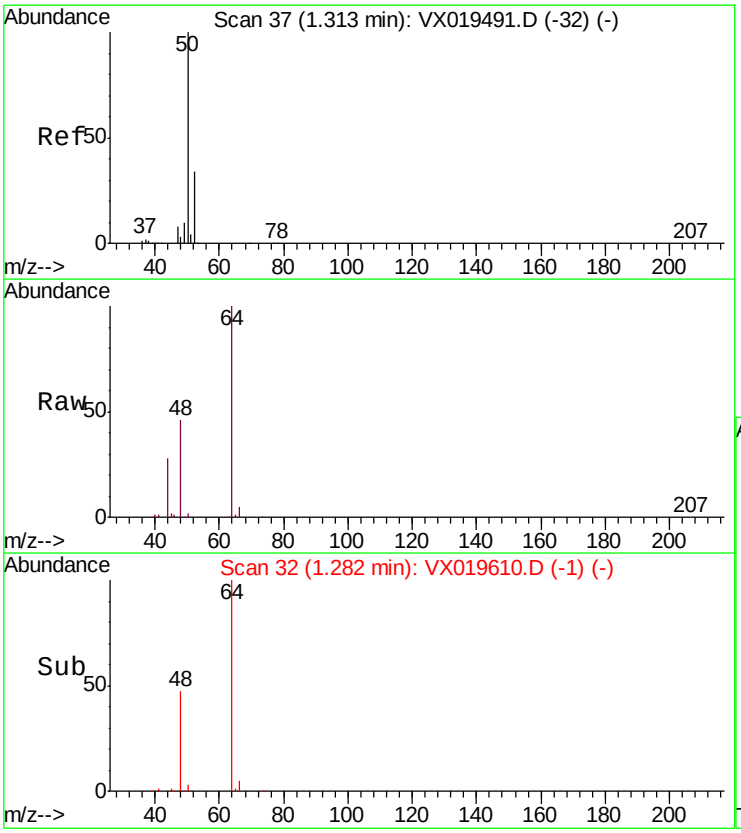
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.00 min
Lab File: VX019610.D
Acq: 24 Nov 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#04

Tgt Ion:168 Resp: 289026

Ion	Ratio	Lower	Upper
168	100		
99	56.6	45.8	68.6

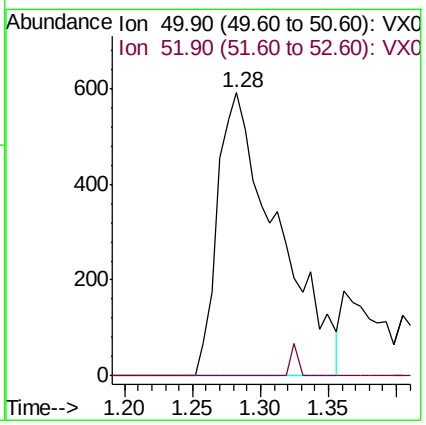


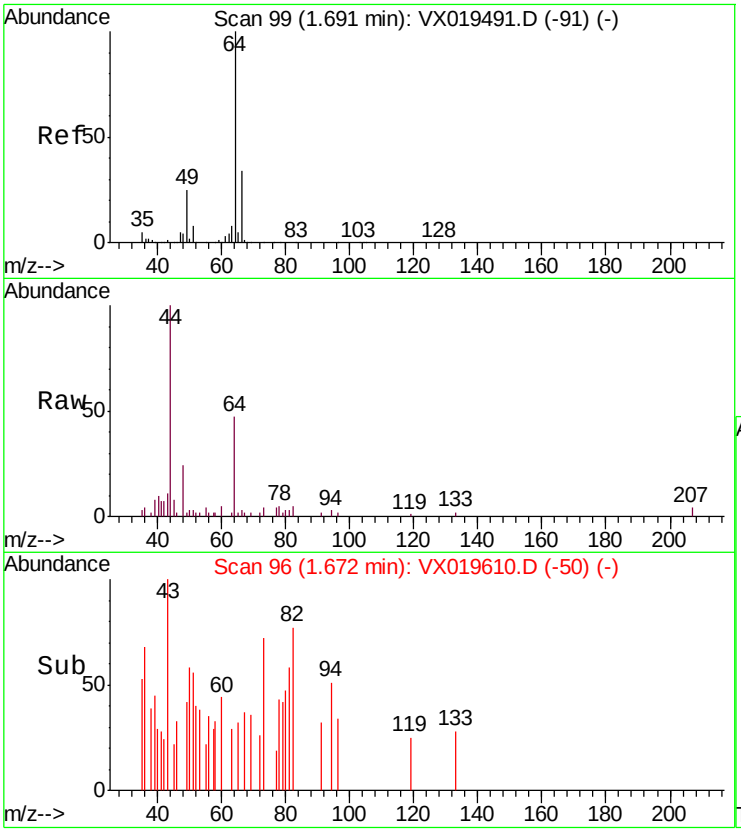


#3
Chloromethane
Concen: 0.561 ug/l
RT: 1.28 min Scan# 32
Delta R.T. -0.03 min
Lab File: VX019610.D
Acq: 24 Nov 2020 17:05

Tgt Ion: 50 Resp: 1810

Ion	Ratio	Lower	Upper
50	100		
52	0.0	27.0	40.6#



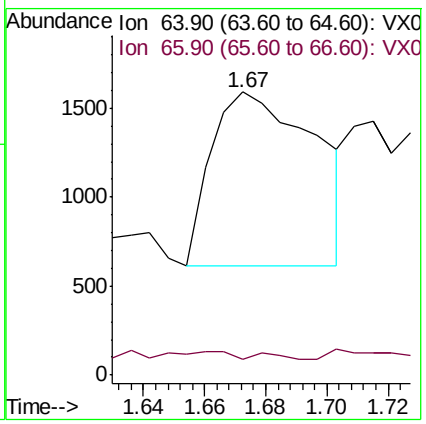


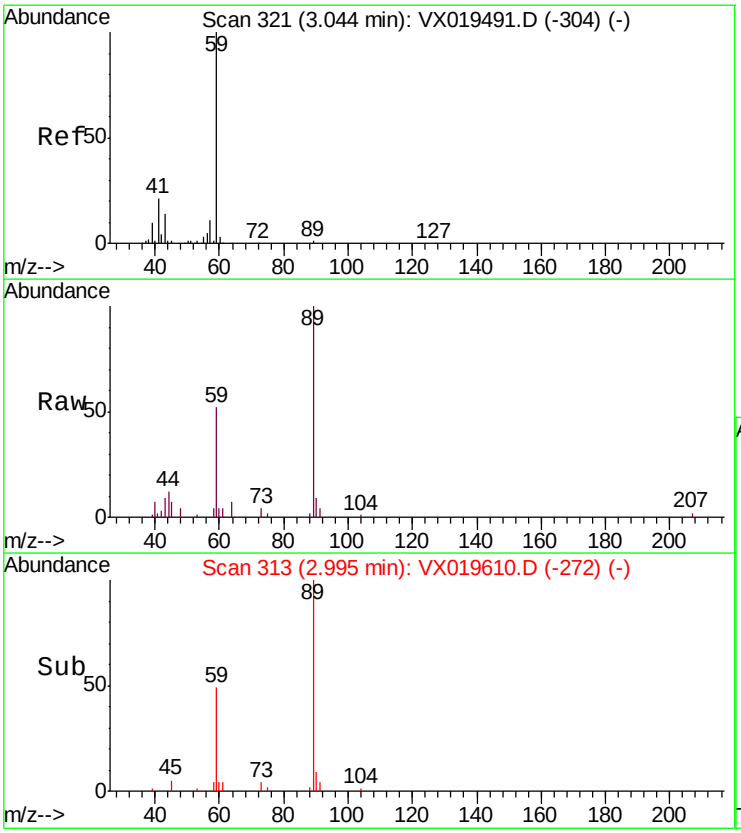
#6
Chloroethane
Concen: Below Cal
RT: 1.67 min Scan# 96
Delta R.T. -0.02 min
Lab File: VX019610.D
Acq: 24 Nov 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#04

Tgt Ion: 64 Resp: 2293

Ion	Ratio	Lower	Upper
64	100		
66	0.0	27.1	40.7#

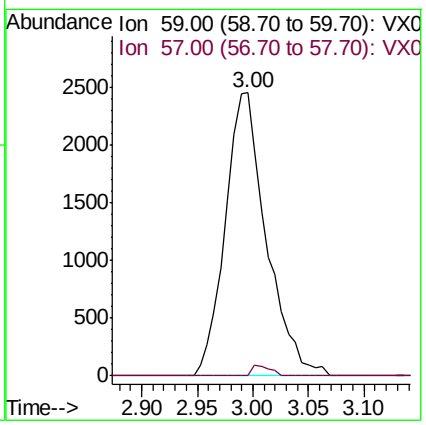


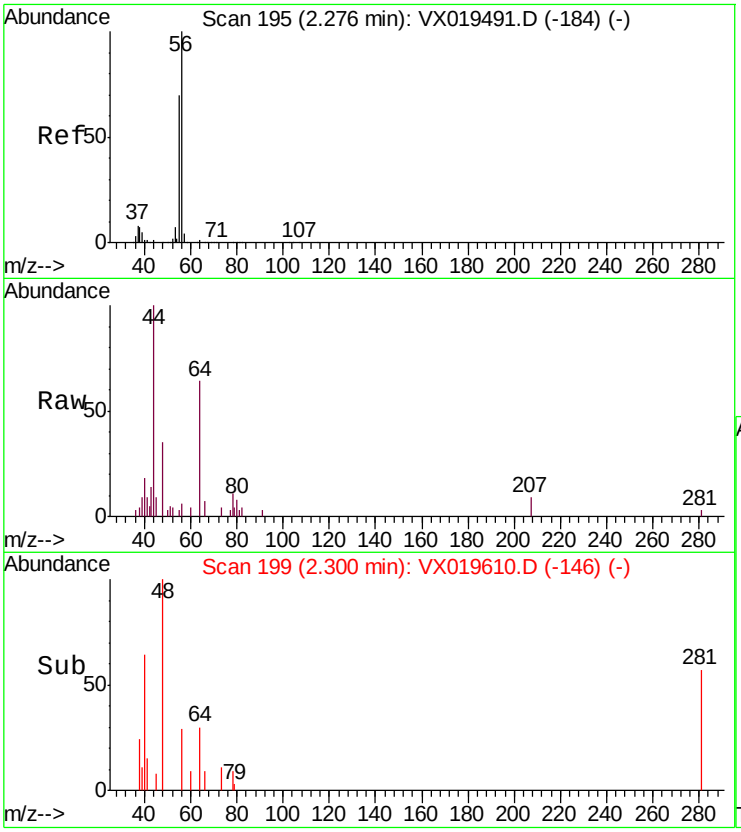


#11
Tert butyl alcohol
Concen: 8.885 ug/l
RT: 3.00 min Scan# 313
Delta R.T. -0.05 min
Lab File: VX019610.D
Acq: 24 Nov 2020 17:05

Tgt Ion: 59 Resp: 6301

Ion	Ratio	Lower	Upper
59	100		
57	1.6	7.9	11.9#



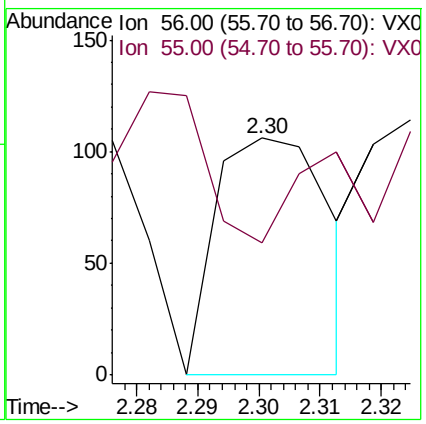


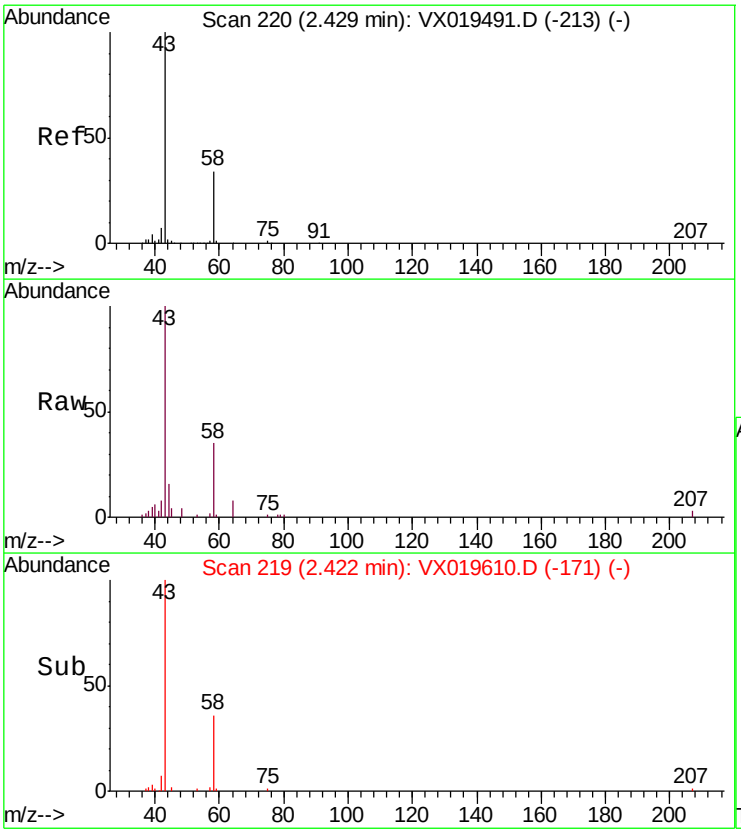
#13
Acrolein
Concen: 0.285 ug/l
RT: 2.30 min Scan# 199
Delta R.T. 0.02 min
Lab File: VX019610.D
Acq: 24 Nov 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#04

Tgt Ion: 56 Resp: 136

Ion	Ratio	Lower	Upper
56	100		
55	22.8	55.5	83.3#

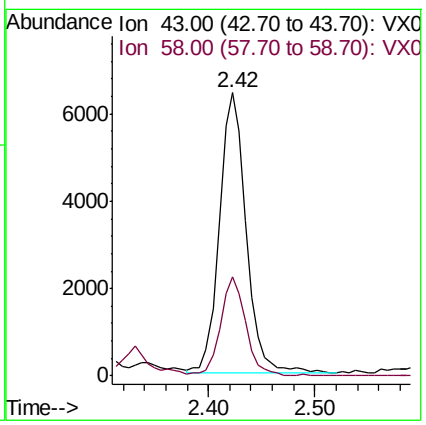


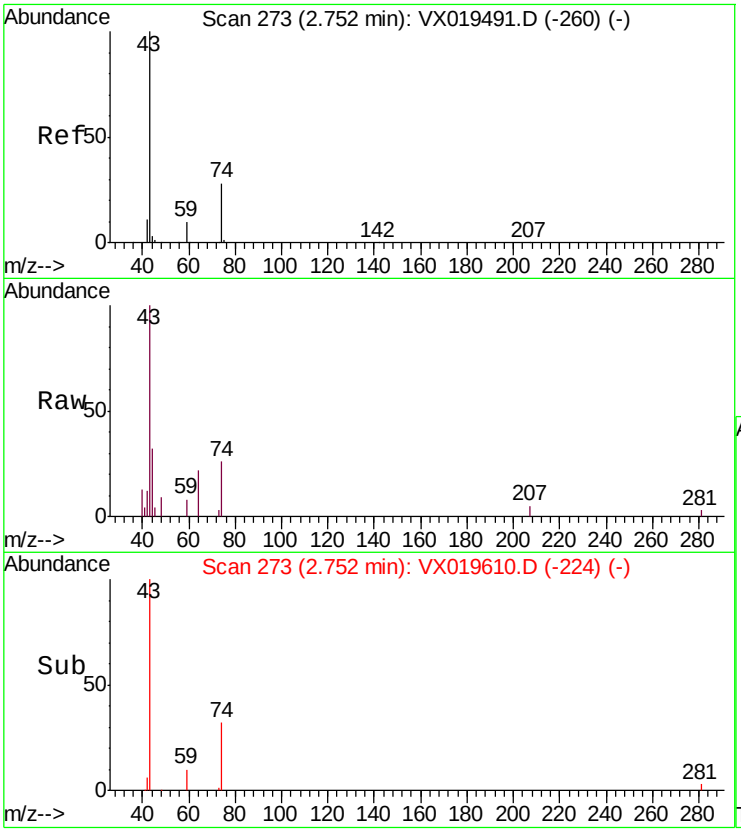


#16
Acetone
Concen: 7.693 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.01 min
Lab File: VX019610.D
Acq: 24 Nov 2020 17:05

Tgt Ion: 43 Resp: 11149

Ion	Ratio	Lower	Upper
43	100		
58	35.5	27.4	41.2



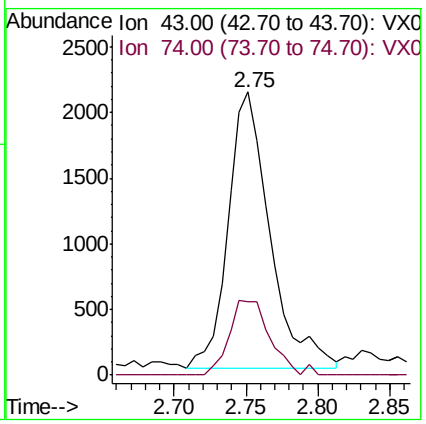


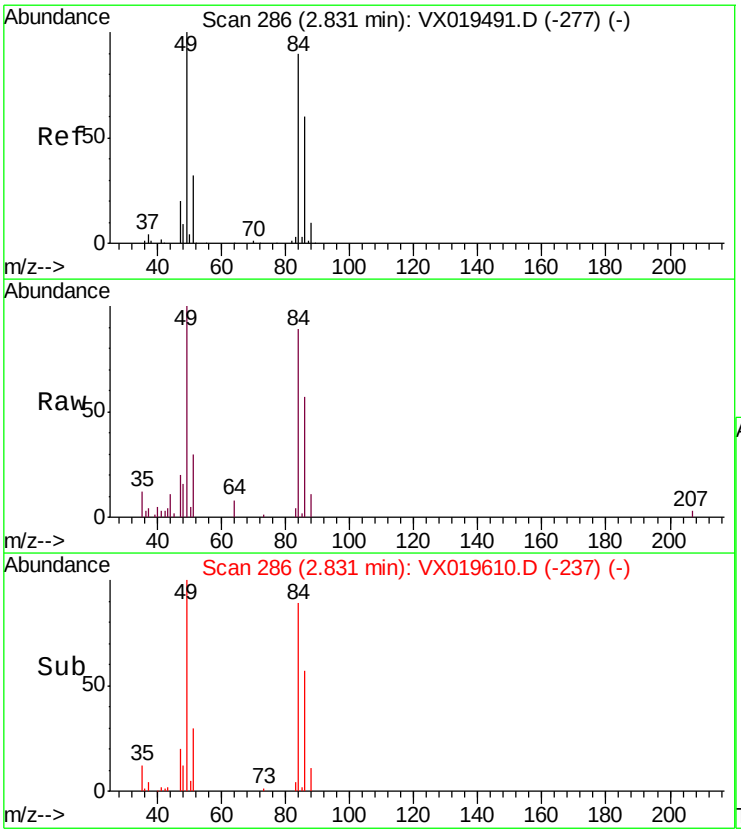
#18
Methyl Acetate
Concen: 1.822 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019610.D
Acq: 24 Nov 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#04

Tgt Ion: 43 Resp: 4272

Ion	Ratio	Lower	Upper
43	100		
74	26.0	22.2	33.4

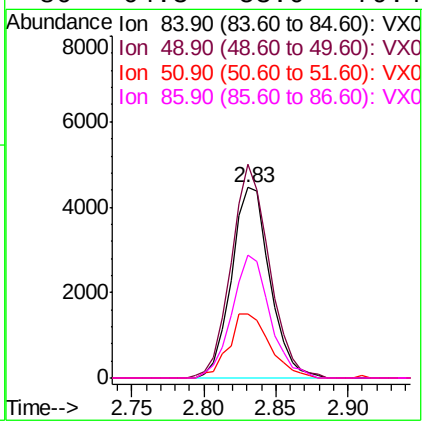


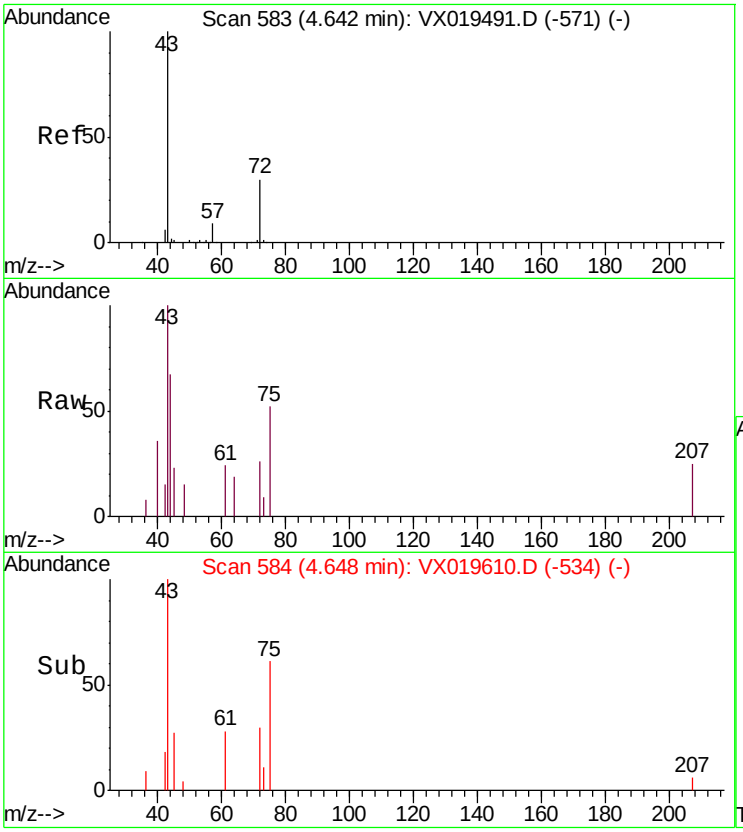


#20
Methylene Chloride
Concen: 2.286 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019610.D
Acq: 24 Nov 2020 17:05

Tgt Ion: 84 Resp: 8280

Ion	Ratio	Lower	Upper
84	100		
49	112.0	88.5	132.7
51	33.5	28.0	42.0
86	64.3	53.0	79.4



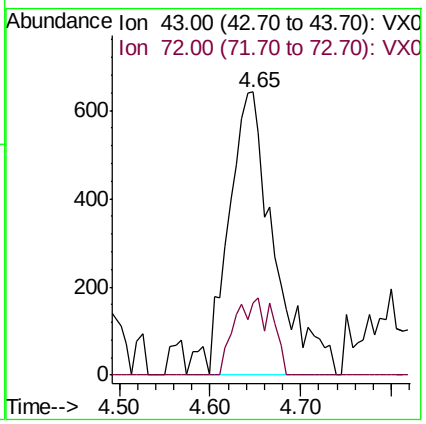


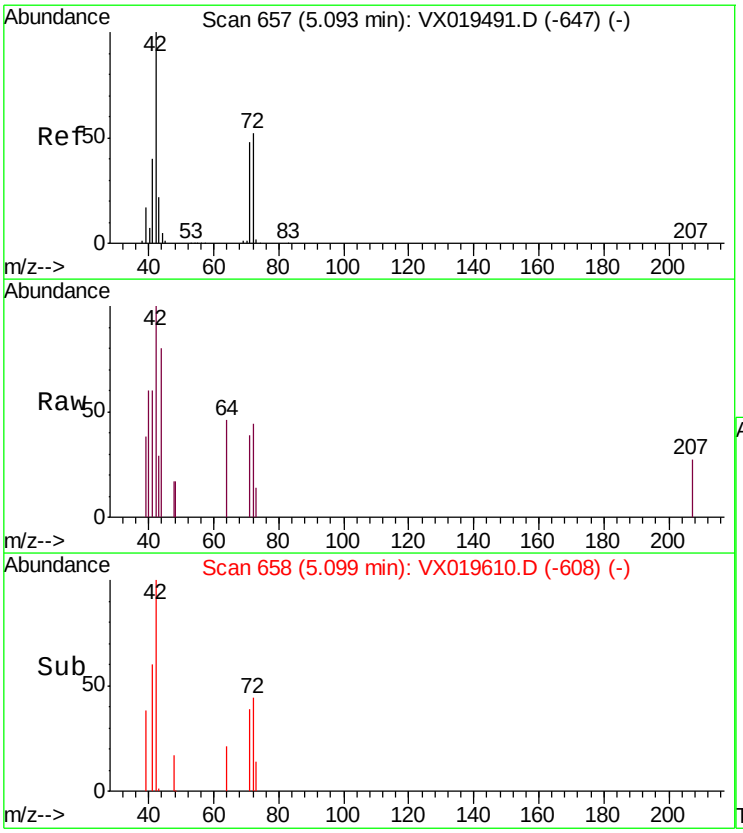
#25
2-Butanone
Concen: 1.041 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX019610.D
Acq: 24 Nov 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#04

Tgt Ion: 43 Resp: 2267

Ion	Ratio	Lower	Upper
43	100		
72	25.5	24.0	36.0

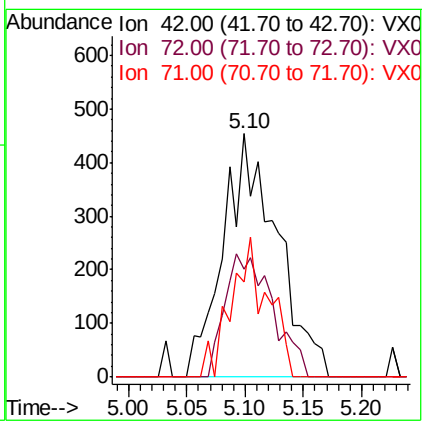


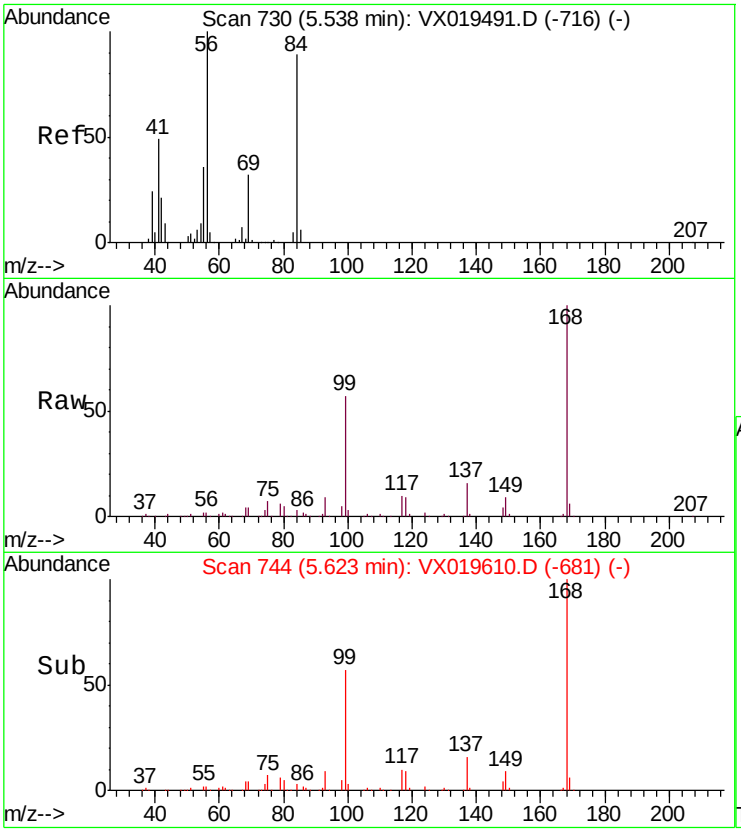


#29
Tetrahydrofuran
Concen: 1.054 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX019610.D
Acq: 24 Nov 2020 17:05

Tgt Ion: 42 Resp: 1464

Ion	Ratio	Lower	Upper
42	100		
72	44.6	42.6	63.8
71	38.7	39.0	58.6#



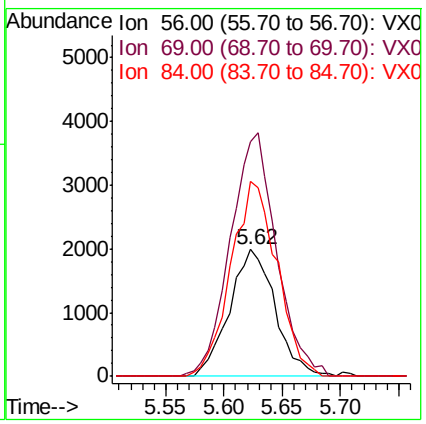


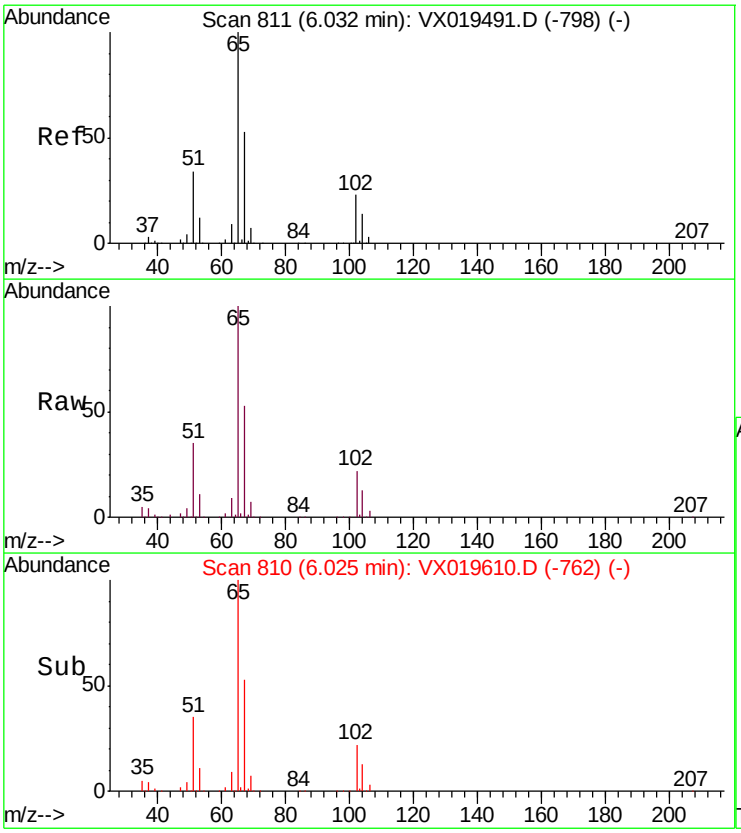
#31
Cyclohexane
Concen: 1.117 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.09 min
Lab File: VX019610.D
Acq: 24 Nov 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#04

Tgt Ion: 56 Resp: 5445

Ion	Ratio	Lower	Upper
56	100		
69	184.3	25.5	38.3#
84	153.5	71.1	106.7#

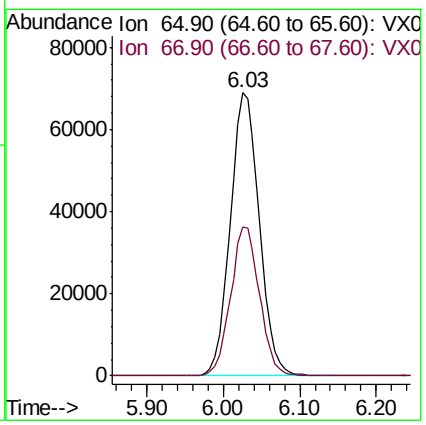


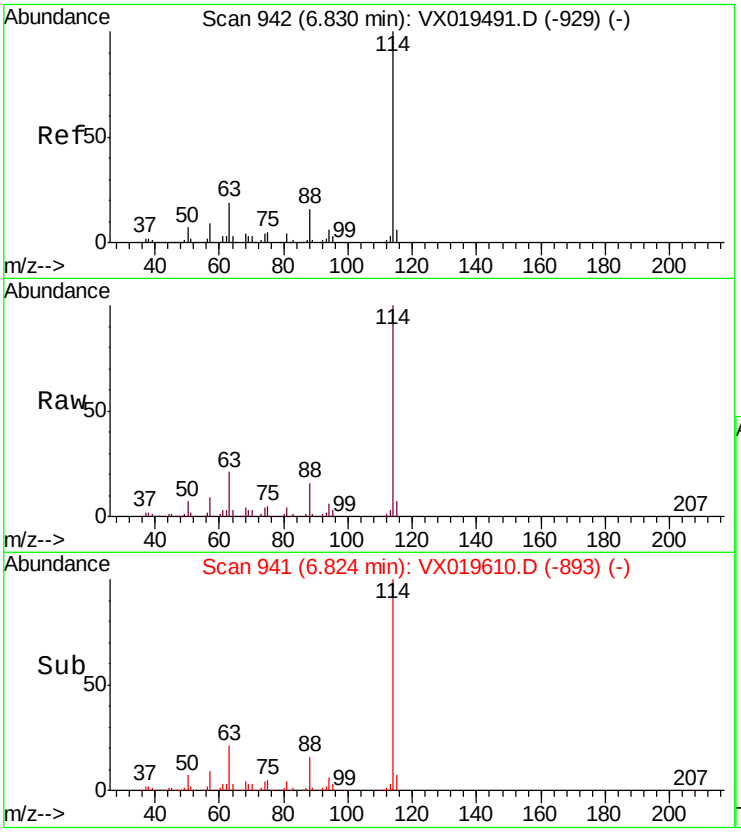


#33
1,2-Dichloroethane-d4
Concen: 48.268 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.01 min
Lab File: VX019610.D
Acq: 24 Nov 2020 17:05

Tgt Ion: 65 Resp: 180882

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	105.0



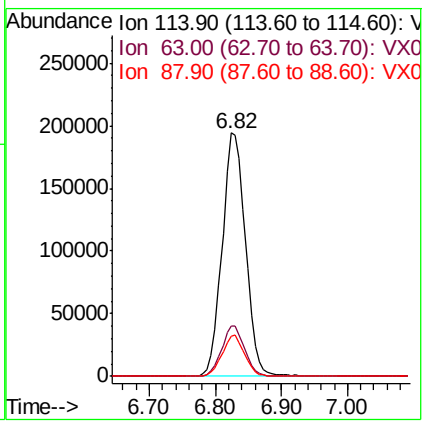


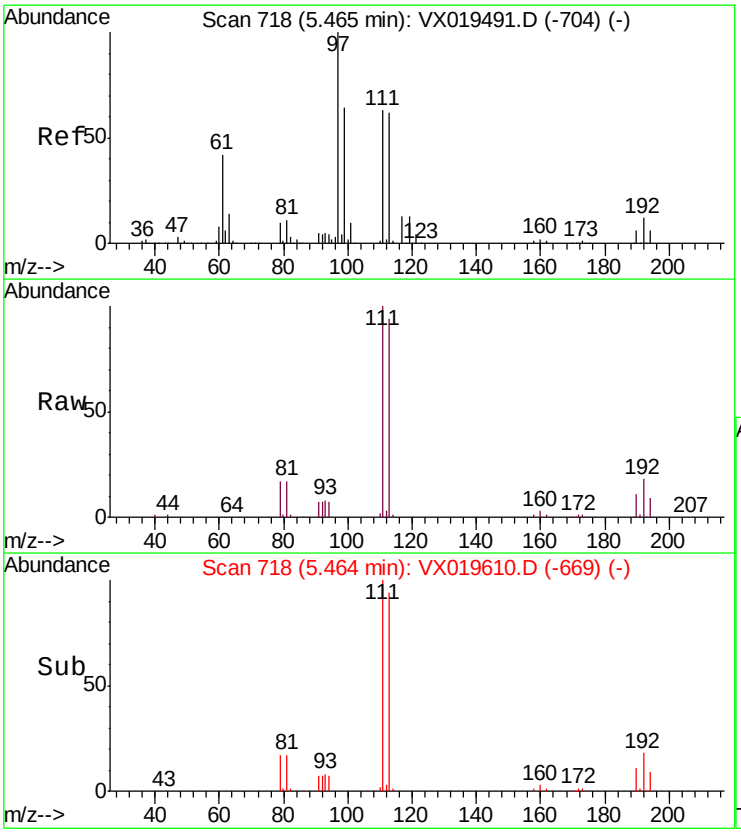
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.82 min Scan# 941
Delta R.T. -0.01 min
Lab File: VX019610.D
Acq: 24 Nov 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#04

Tgt Ion:114 Resp: 475164

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	38.8
88	16.3	0.0	31.6

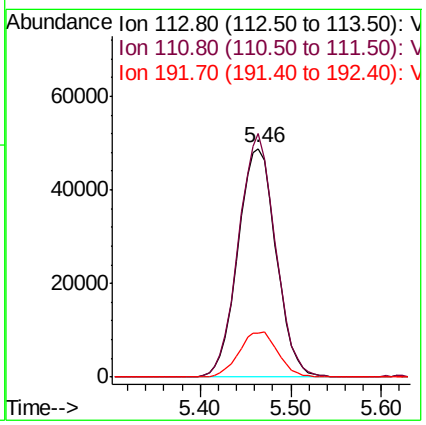


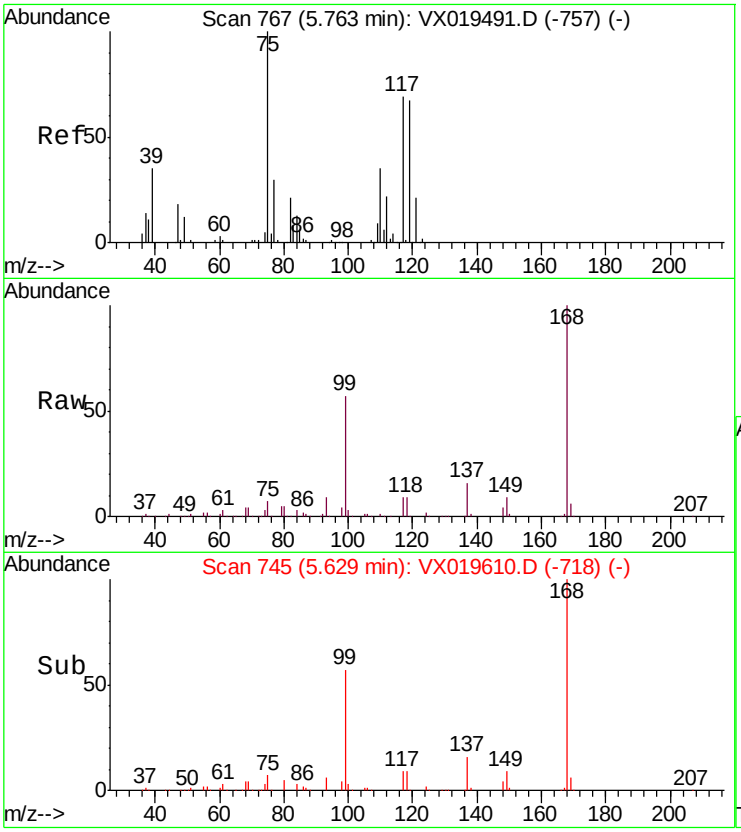


#35
Dibromofluoromethane
Concen: 47.959 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019610.D
Acq: 24 Nov 2020 17:05

Tgt Ion:113 Resp: 143044

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.5	122.3
192	20.1	16.2	24.2



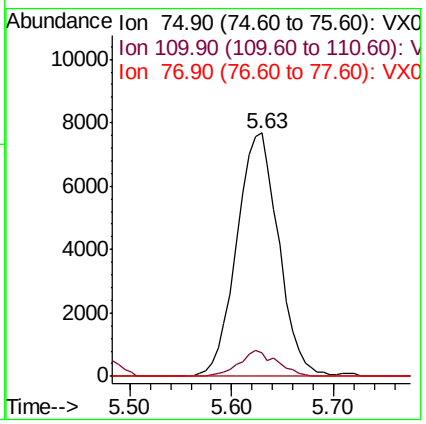


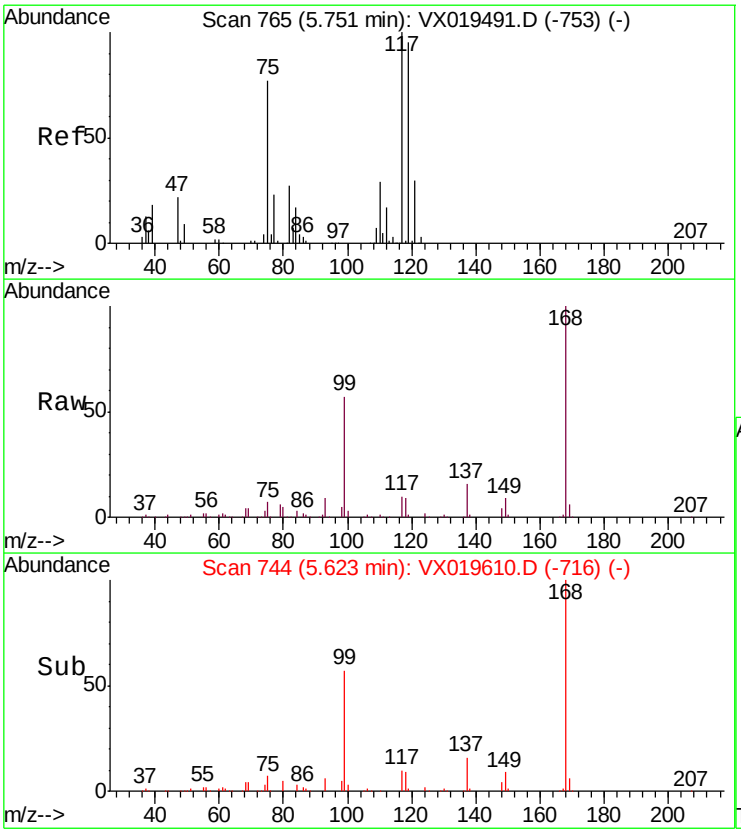
#36
1,1-Dichloropropene
Concen: 4.920 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX019610.D
Acq: 24 Nov 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#04

Tgt Ion: 75 Resp: 21919

Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.1	54.3#
77	0.0	24.2	36.4#

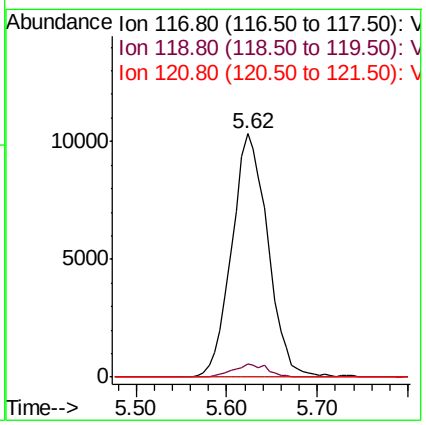


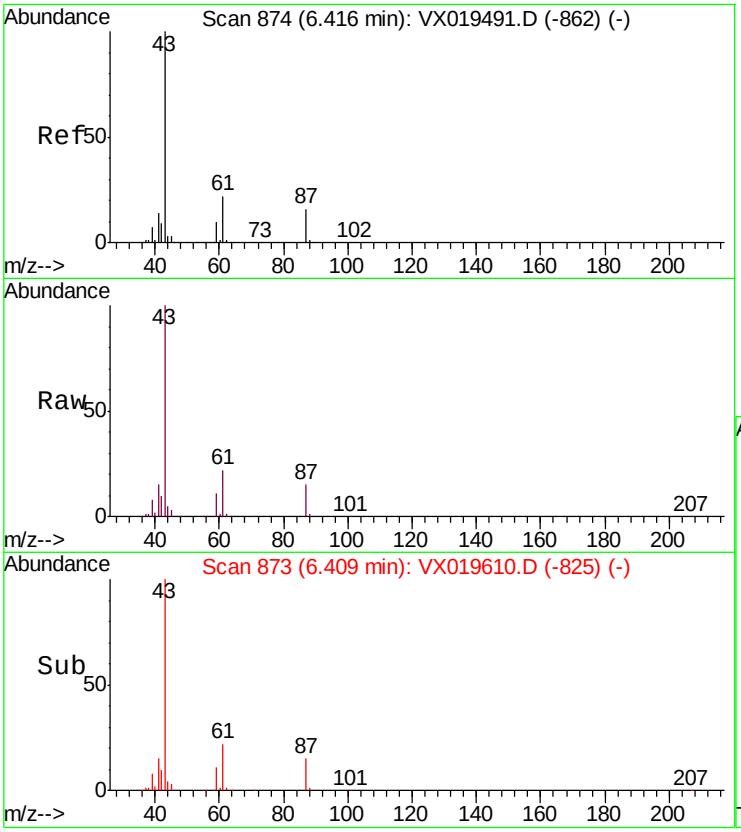


#38
Carbon Tetrachloride
Concen: 6.615 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.13 min
Lab File: VX019610.D
Acq: 24 Nov 2020 17:05

Tgt Ion:117 Resp: 28524

Ion	Ratio	Lower	Upper
117	100		
119	5.6	75.9	113.9#
121	0.0	24.0	36.0#



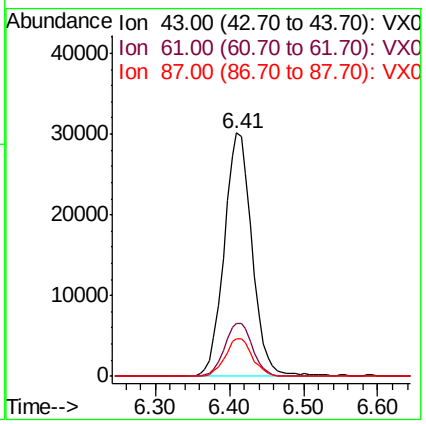


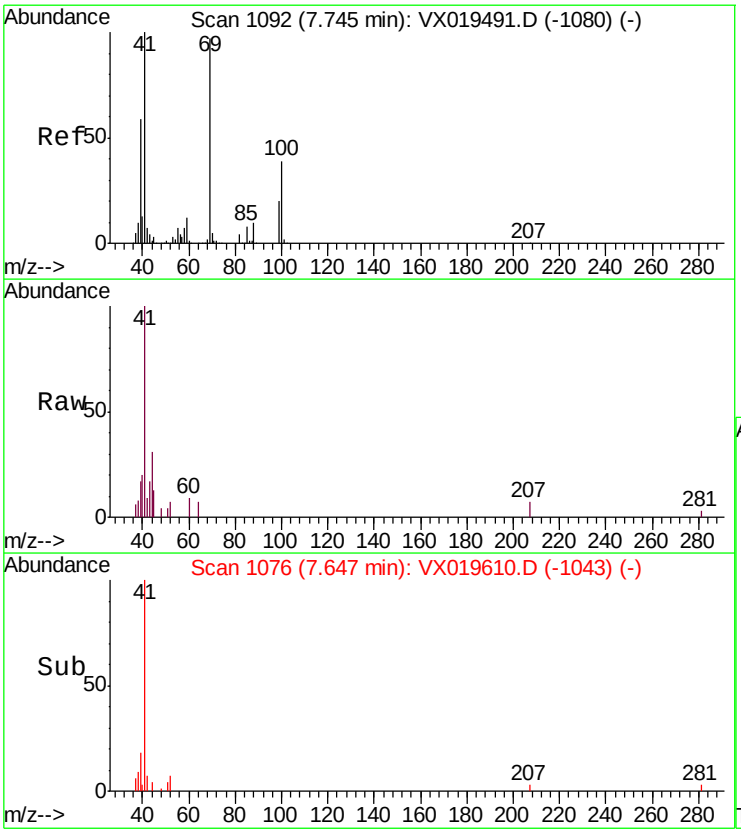
#43
Isopropyl Acetate
Concen: 11.233 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX019610.D
Acq: 24 Nov 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#04

Tgt Ion: 43 Resp: 78969

Ion	Ratio	Lower	Upper
43	100		
61	22.1	18.2	27.2
87	15.2	12.6	18.8

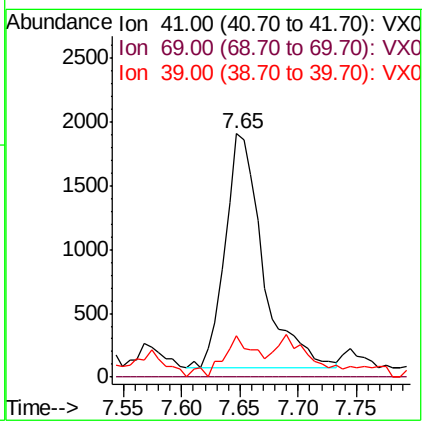


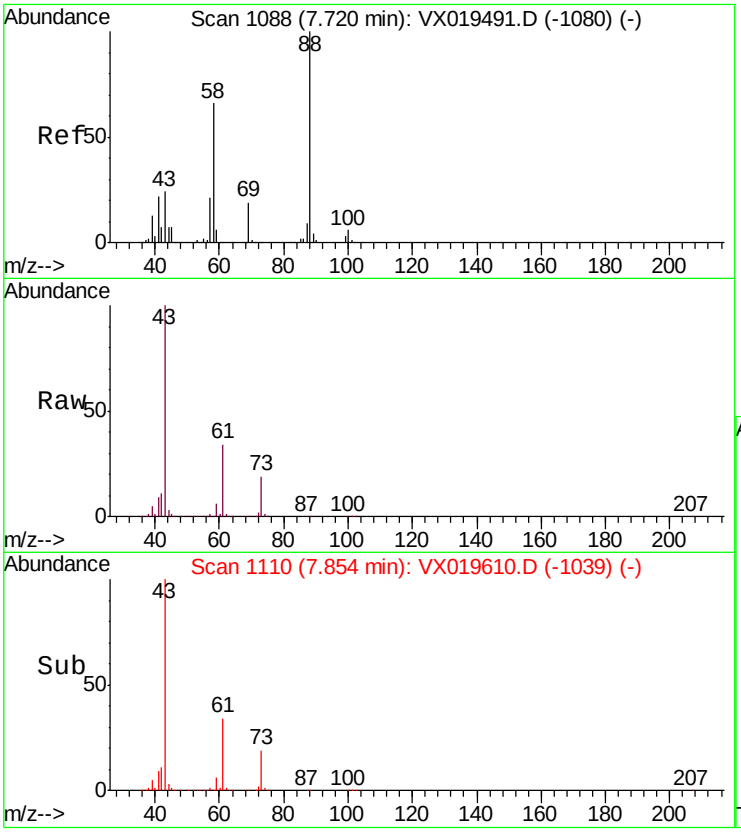


#48
Methyl methacrylate
Concen: 1.272 ug/l
RT: 7.65 min Scan# 1076
Delta R.T. -0.10 min
Lab File: VX019610.D
Acq: 24 Nov 2020 17:05

Tgt Ion: 41 Resp: 4187

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



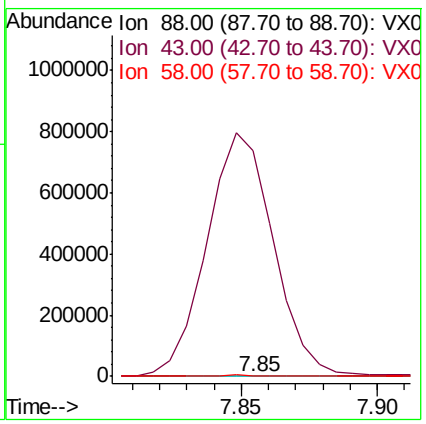


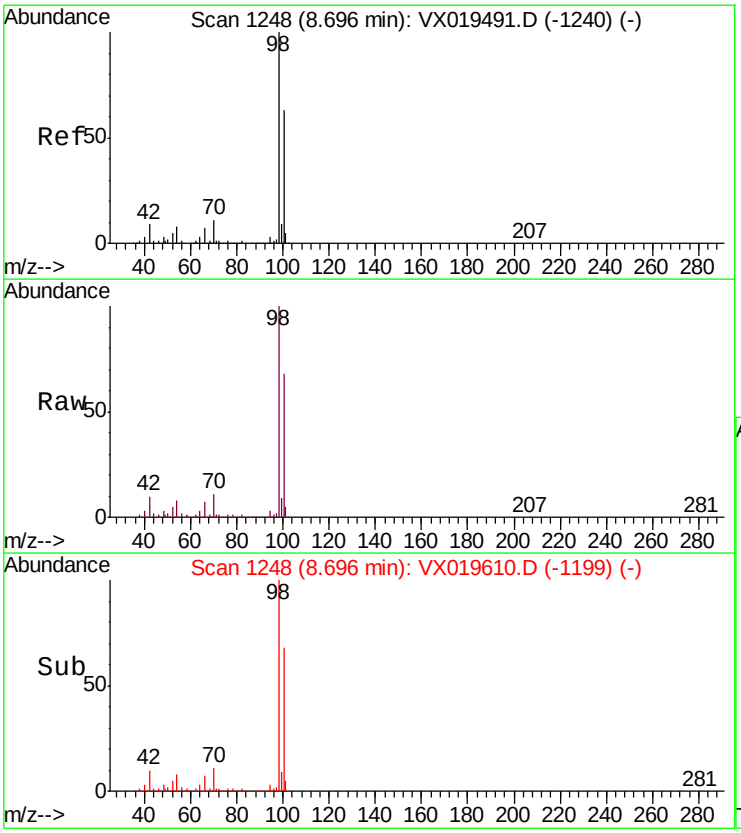
#49
1,4-Dioxane
Concen: 3.304 ug/l
RT: 7.85 min Scan# 1110
Delta R.T. 0.13 min
Lab File: VX019610.D
Acq: 24 Nov 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#04

Tgt Ion: 88 Resp: 247

Ion	Ratio	Lower	Upper
88	100		
43	552818.6	23.8	35.6#
58	2781.8	54.2	81.2#

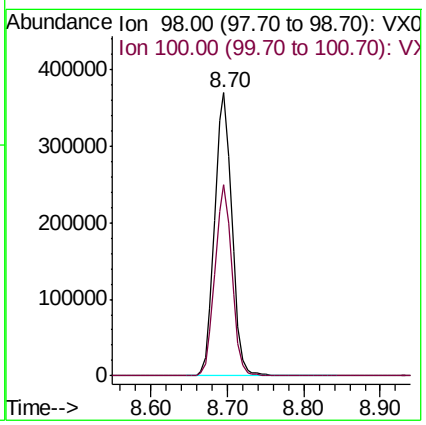


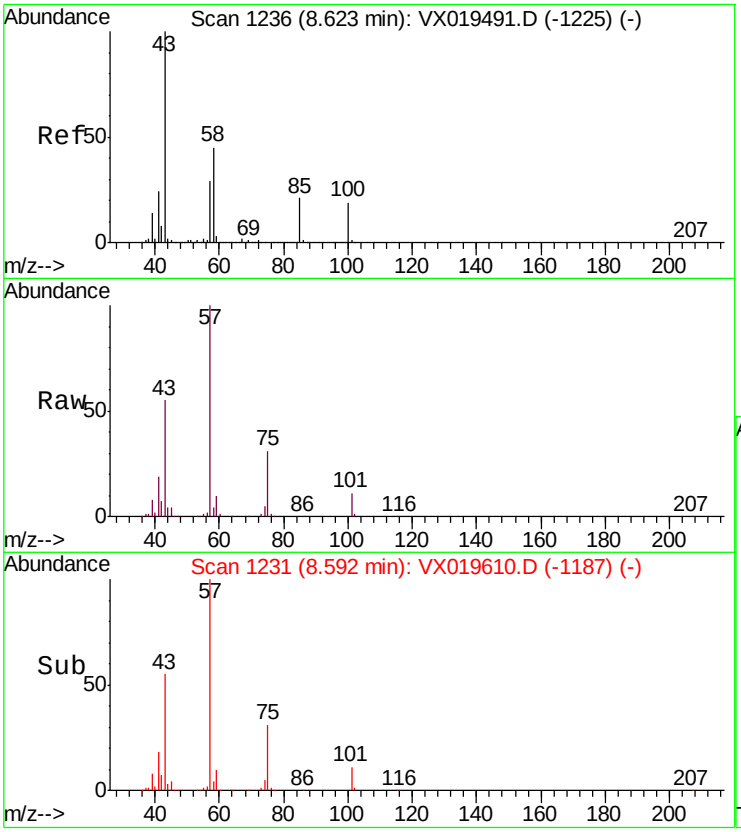


#50
Toluene-d8
Concen: 49.931 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019610.D
Acq: 24 Nov 2020 17:05

Tgt Ion: 98 Resp: 578703

Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.4	78.6



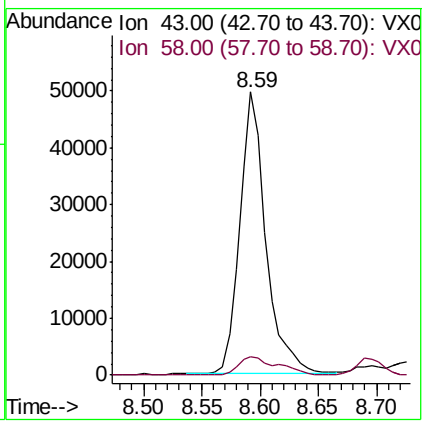


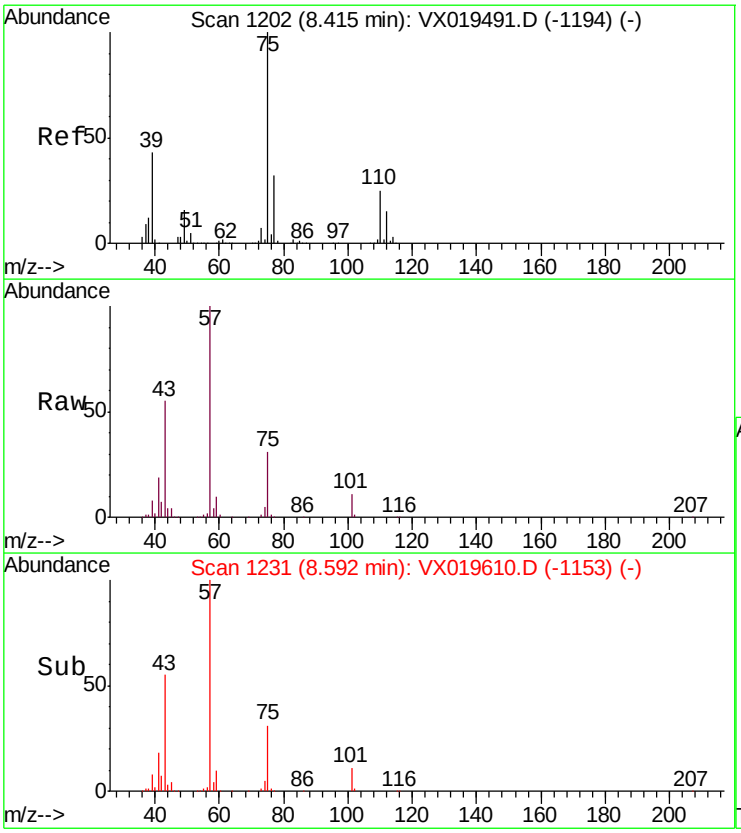
#51
4-Methyl-2-Pentanone
Concen: 19.015 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.03 min
Lab File: VX019610.D
Acq: 24 Nov 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#04

Tgt Ion: 43 Resp: 77948

Ion	Ratio	Lower	Upper
43	100		
58	10.0	35.1	52.7#

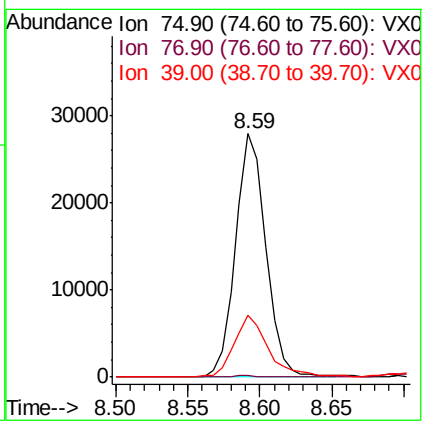


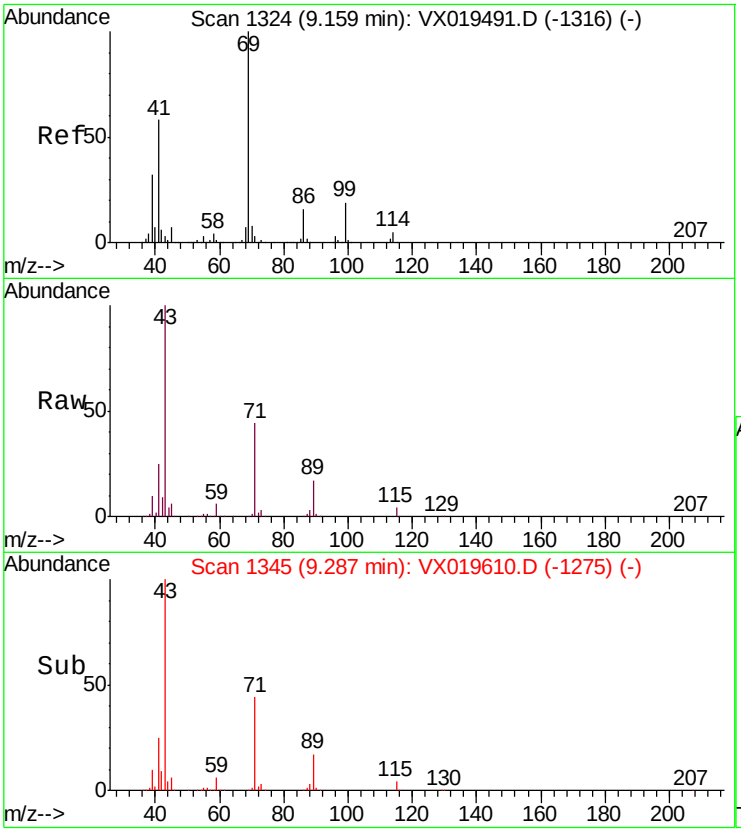


#54
cis-1,3-Dichloropropene
Concen: 7.640 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. 0.18 min
Lab File: VX019610.D
Acq: 24 Nov 2020 17:05

Tgt Ion: 75 Resp: 40977

Ion	Ratio	Lower	Upper
75	100		
77	0.7	25.8	38.6#
39	25.6	34.6	51.8#



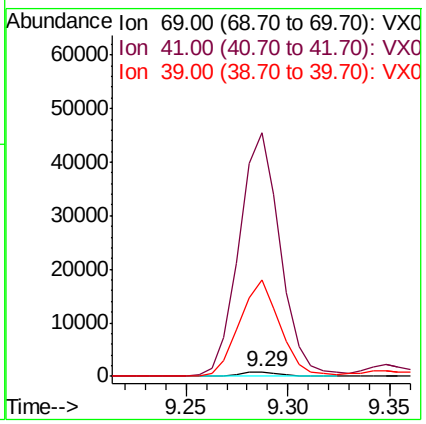


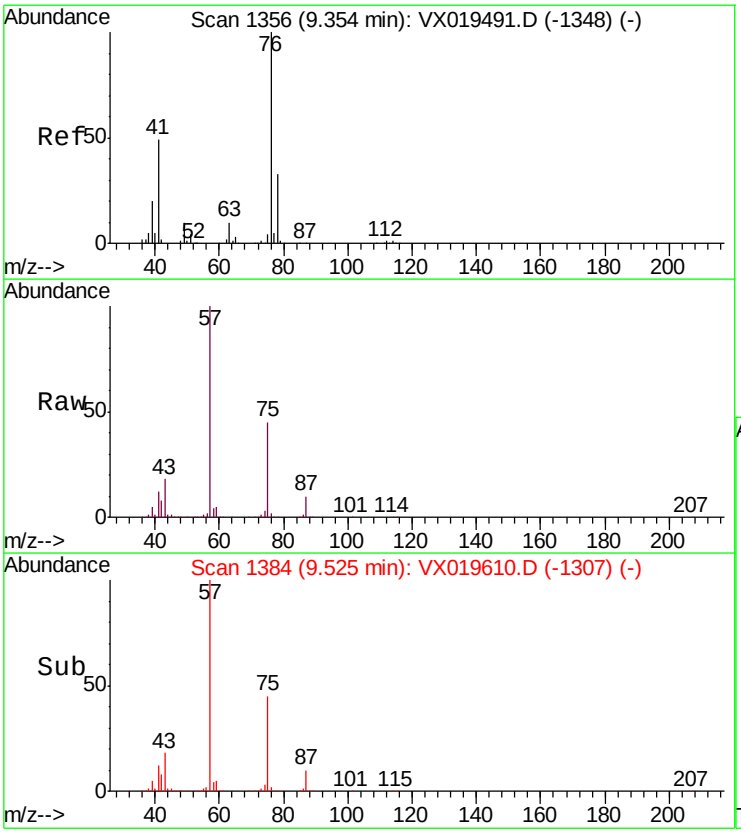
#56
Ethyl methacrylate
Concen: 0.256 ug/l
RT: 9.29 min Scan# 1345
Delta R.T. 0.13 min
Lab File: VX019610.D
Acq: 24 Nov 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#04

Tgt Ion: 69 Resp: 1237

Ion	Ratio	Lower	Upper
69	100		
41	5177.6	46.2	69.2#
39	2040.4	25.5	38.3#

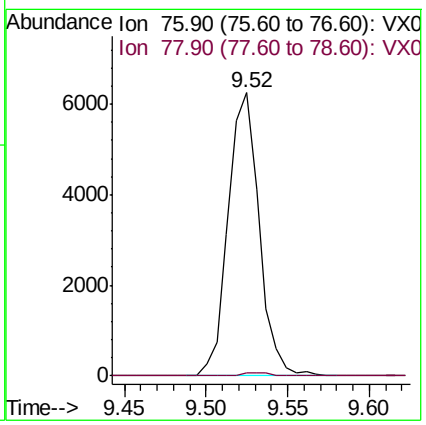


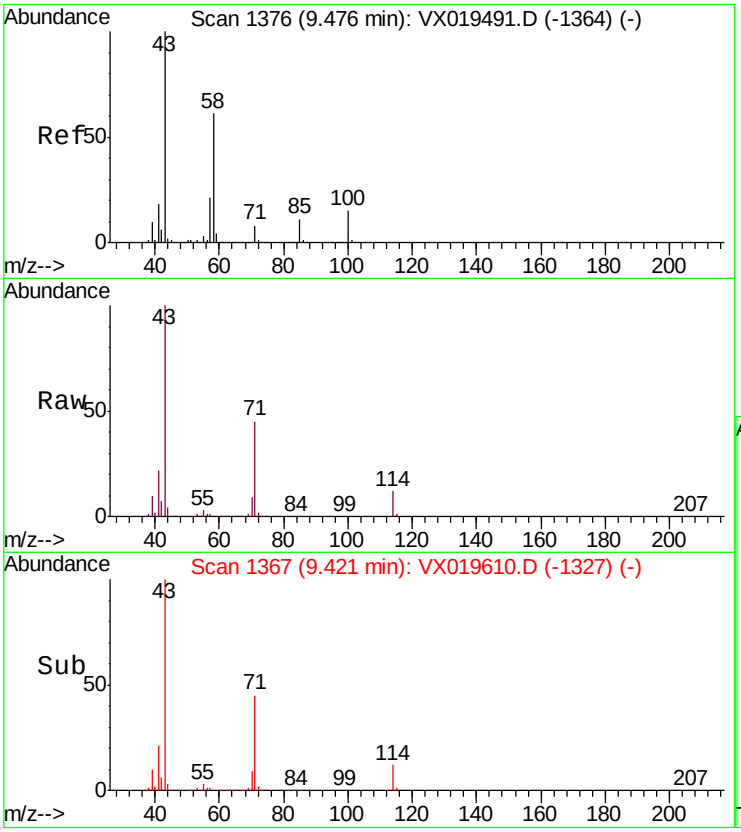


#57
1,3-Dichloropropane
Concen: 1.450 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.17 min
Lab File: VX019610.D
Acq: 24 Nov 2020 17:05

Tgt Ion: 76 Resp: 8277

Ion	Ratio	Lower	Upper
76	100		
78	0.9	25.7	38.5#



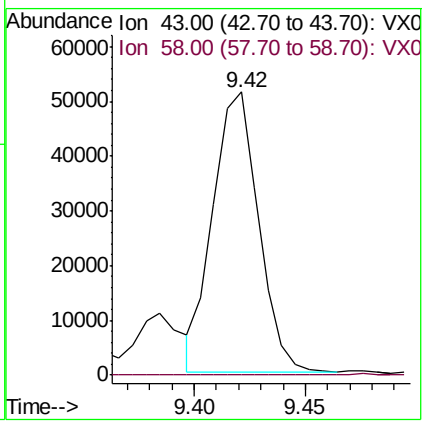


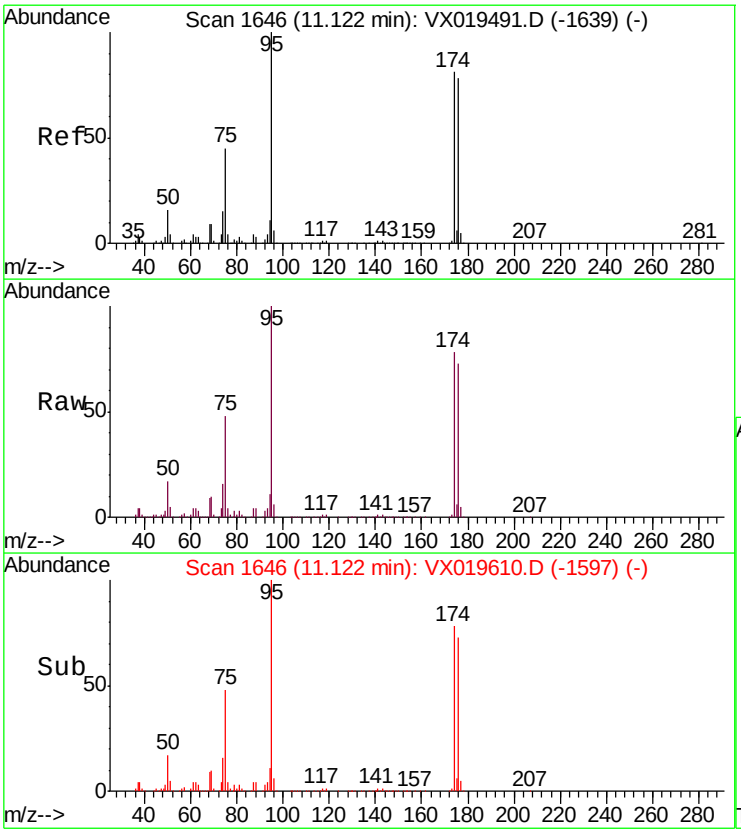
#59
2-Hexanone
Concen: 23.357 ug/l
RT: 9.42 min Scan# 1367
Delta R.T. -0.05 min
Lab File: VX019610.D
Acq: 24 Nov 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#04

Tgt Ion: 43 Resp: 72619

Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.6	91.6#

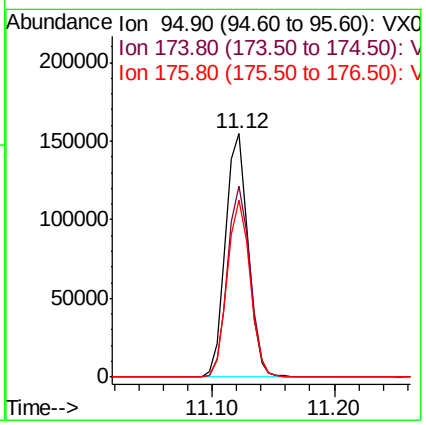


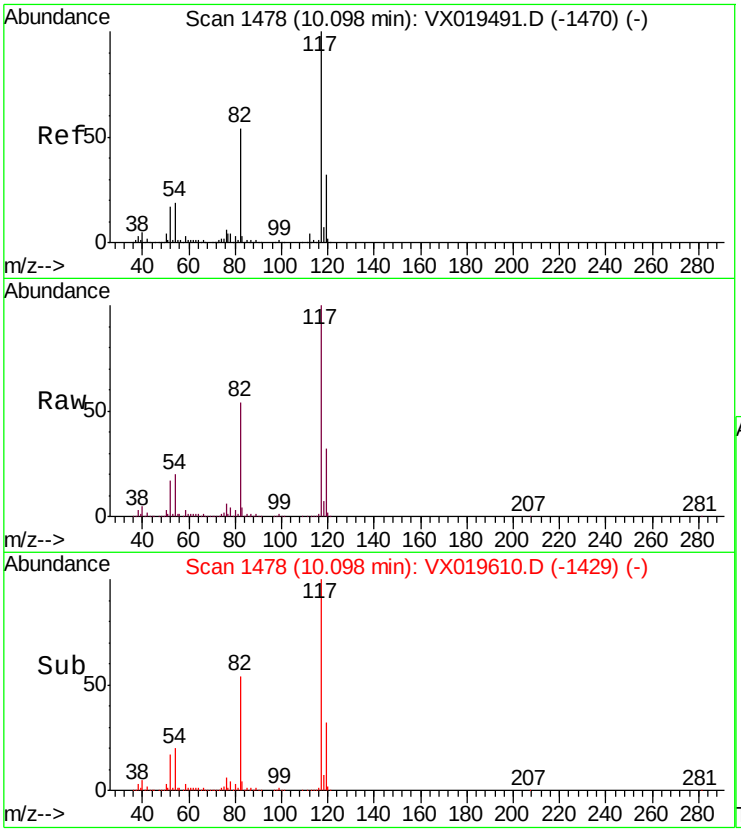


#62
4-Bromofluorobenzene
Concen: 47.284 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019610.D
Acq: 24 Nov 2020 17:05

Tgt Ion: 95 Resp: 197171

Ion	Ratio	Lower	Upper
95	100		
174	78.7	0.0	156.2
176	73.5	0.0	151.4



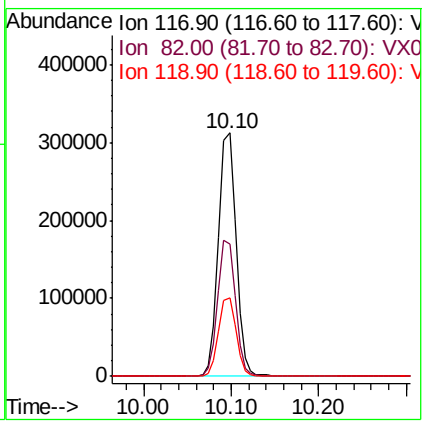


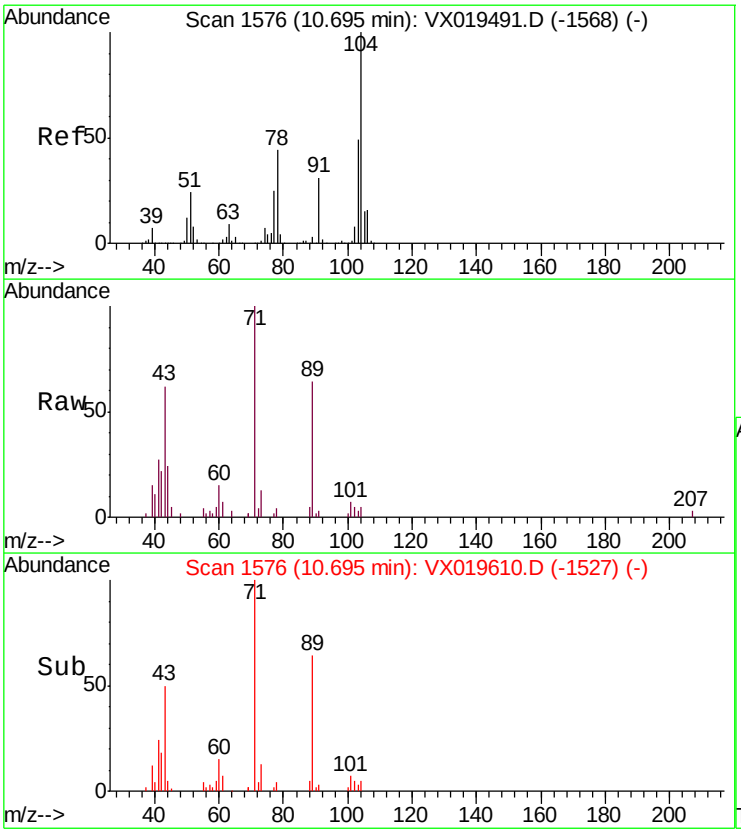
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019610.D
Acq: 24 Nov 2020 17:05

Instrument : MSVOA_X
ClientSampleId : PB133213ZHE#04

Tgt Ion:117 Resp: 438037

Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.0	64.4
119	32.2	25.6	38.4

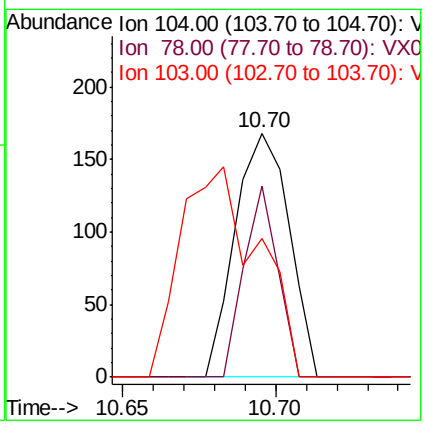


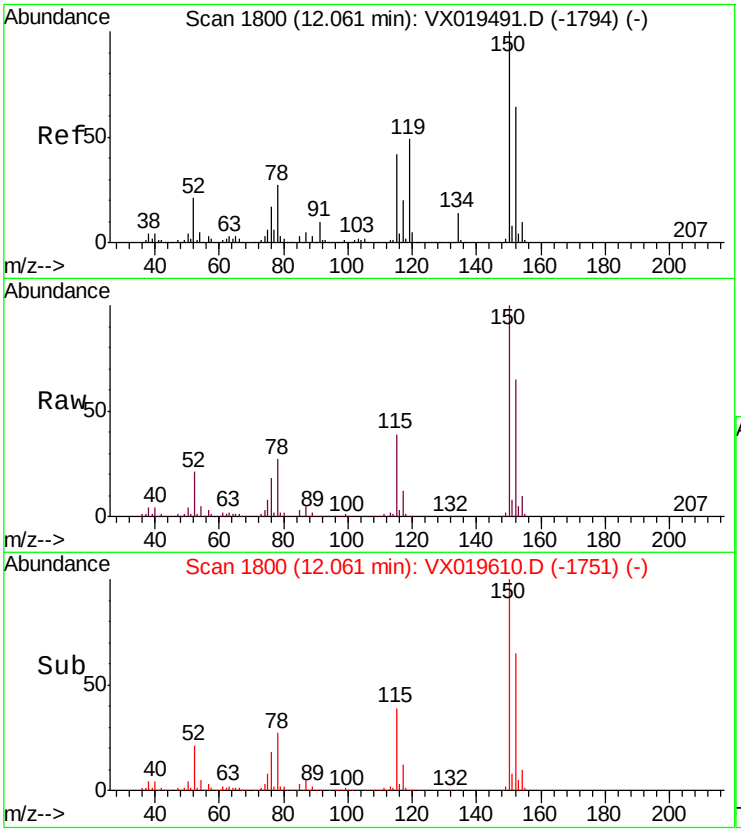


#70
Styrene
Concen: 1.665 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019610.D
Acq: 24 Nov 2020 17:05

Tgt Ion:104 Resp: 206

Ion	Ratio	Lower	Upper
104	100		
78	48.5	39.5	59.3
103	123.8	43.6	65.4#



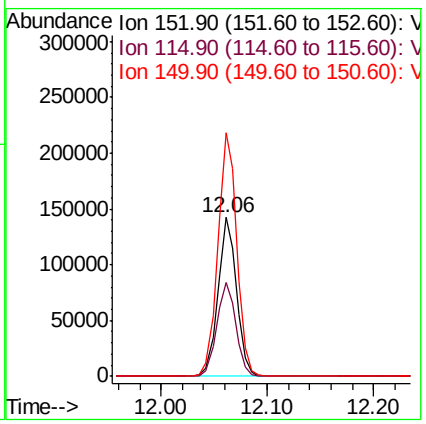


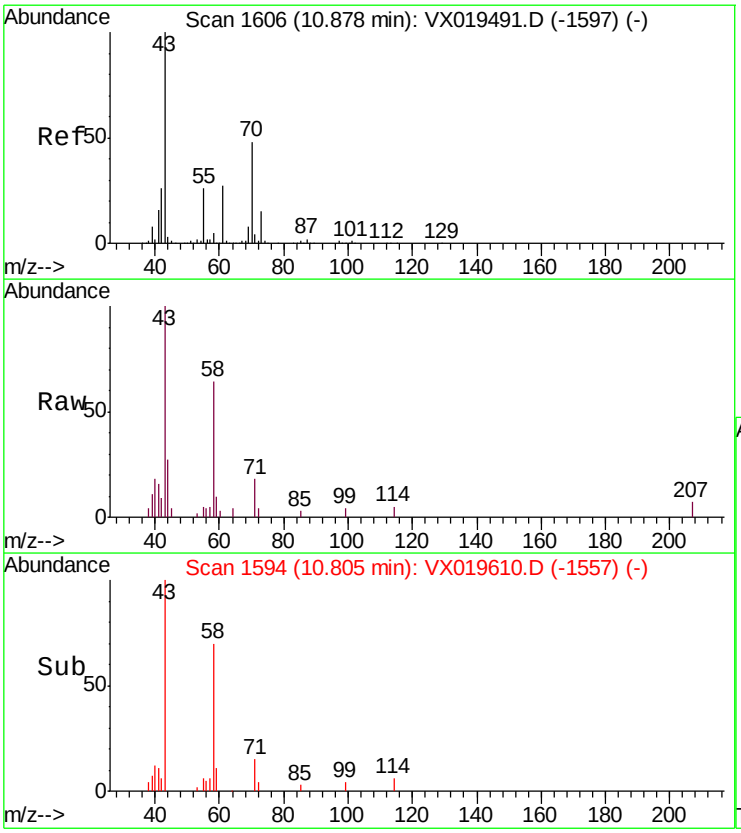
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019610.D
Acq: 24 Nov 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#04

Tgt Ion:152 Resp: 171203

Ion	Ratio	Lower	Upper
152	100		
115	60.9	41.8	125.4
150	156.8	0.0	348.2

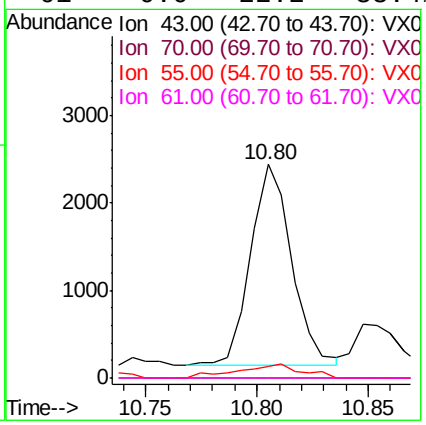


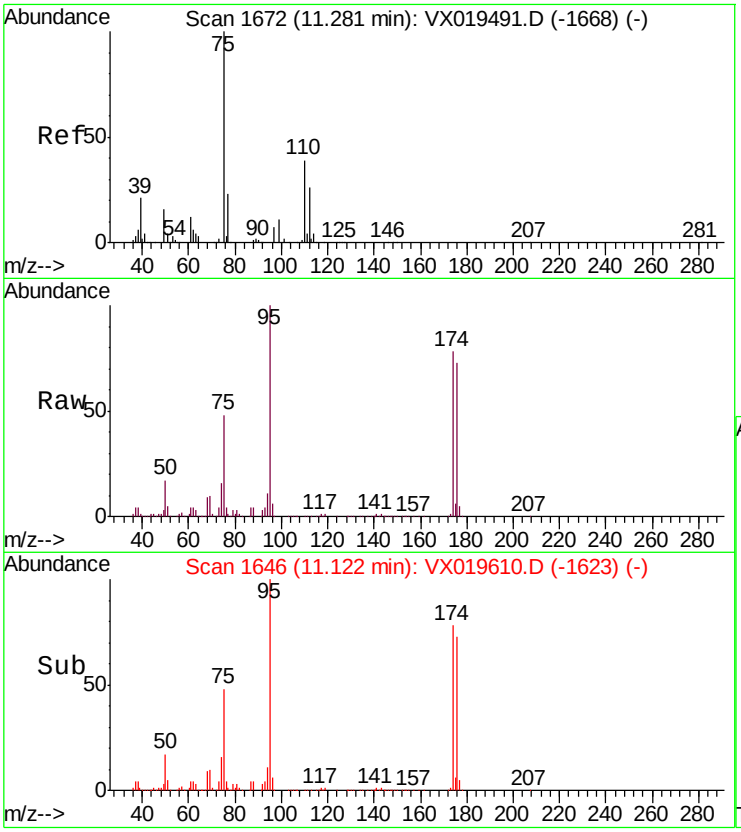


#74
N-amyl acetate
Concen: 0.660 ug/l
RT: 10.80 min Scan# 1594
Delta R.T. -0.07 min
Lab File: VX019610.D
Acq: 24 Nov 2020 17:05

Tgt Ion: 43 Resp: 2931

Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.7	59.5#
55	10.6	21.8	32.6#
61	0.0	22.2	33.4#



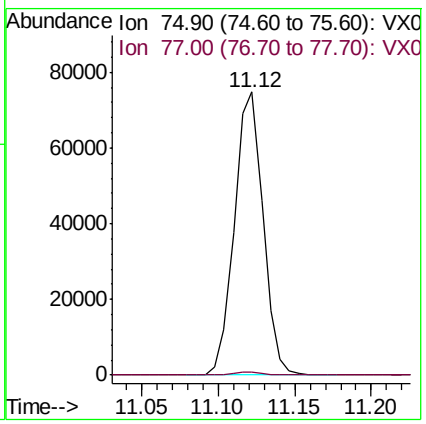


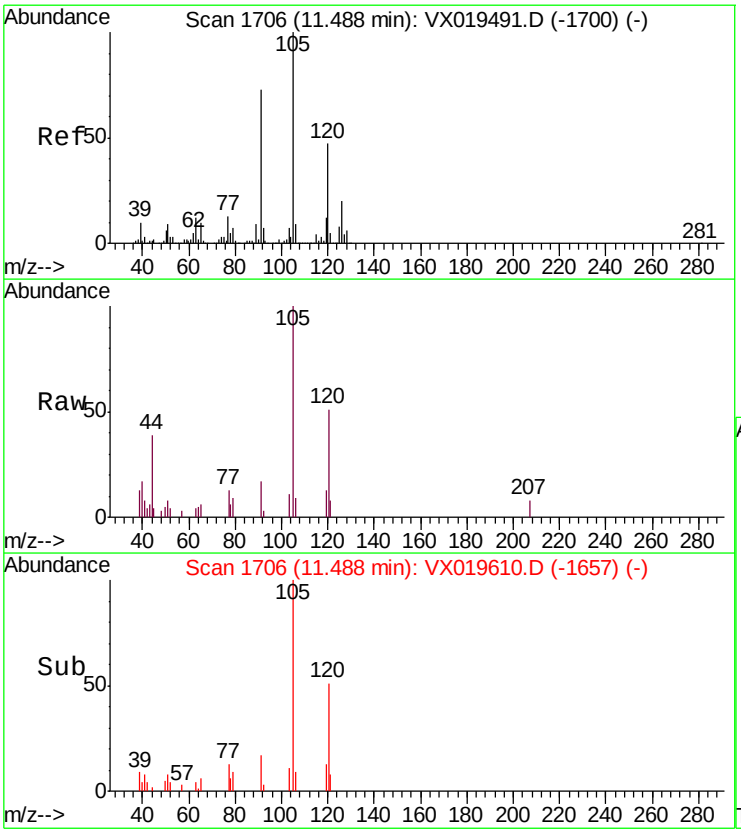
#76
1,2,3-Trichloropropane
Concen: 25.998 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX019610.D
Acq: 24 Nov 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#04

Tgt Ion: 75 Resp: 97136

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.0	60.0#

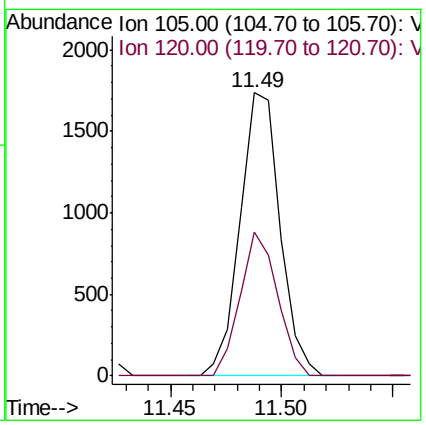


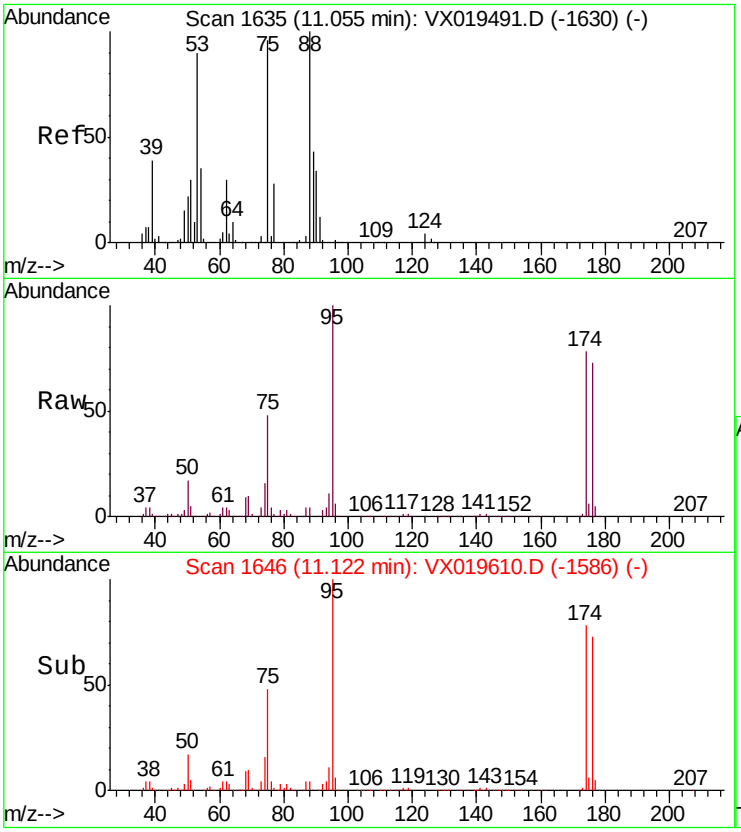


#80
1,3,5-Trimethylbenzene
Concen: 0.220 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VX019610.D
Acq: 24 Nov 2020 17:05

Tgt Ion:105 Resp: 2189

Ion	Ratio	Lower	Upper
105	100		
120	47.4	24.1	72.3



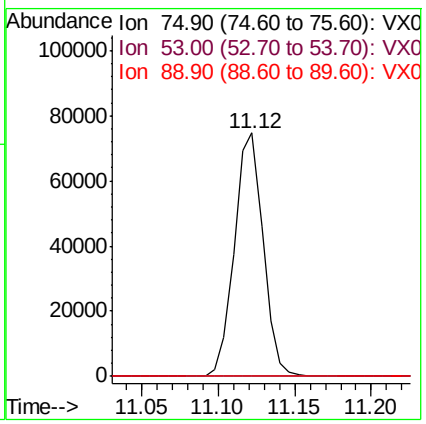


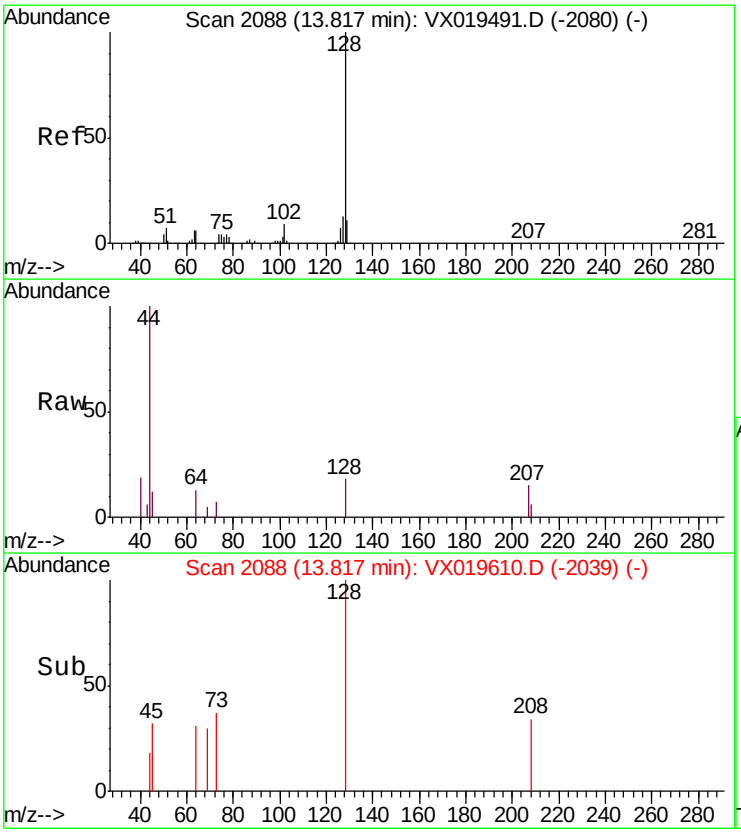
#81
trans-1,4-Dichloro-2-butene
Concen: 68.508 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX019610.D
Acq: 24 Nov 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
PB133213ZHE#04

Tgt Ion: 75 Resp: 97136

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





#95
Naphthalene
Concen: 2.196 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019610.D
Acq: 24 Nov 2020 17:05

Tgt Ion:128 Resp: 243

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