Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081518\

Quantitation Report (Not Reviewed)

Data File : VL032362.D
Acq On : 15 Aug 2018 21:52
Operator : SY/AP
Sample : J4457-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SS01-MIVI

Quant Time: Aug 16 05:48:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081518AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 15 14:58:02 2018
QLast Update : Wed Aug 15 14:58:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.82	49	2235820	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.36	114	4423761	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.31	117	4212723	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.65	95	3225199	10.03	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.30%				
Target Compounds							Qvalue
3) Chlorodifluoromethane	2.98	51	9890	0.048	ppbv		99
4) Chloromethane	3.21	50	29605	0.240	ppbv	#	88
5) Vinyl Chloride	3.33	62	4179	0.036	ppbv	#	63
9) Propene	3.08	41	173942	1.962	ppbv	#	76
10) Heptane	8.31	43	125233	0.469	ppbv		91
11) Trichlorofluoromethane	4.05	101	80125	0.320	ppbv		94
12) 1,1,2-Trichlorotrifluoroet	4.60	101	17240	0.102	ppbv		93
13) Ethanol	3.71	45	7150861	314.103	ppbv		98
15) Acetone	3.94	43	14138019	66.556	ppbv	#	88
16) 1,3-Butadiene	3.38	39	101231	1.154	ppbv	#	7
17) tert-Butyl alcohol	4.43	59	67272	1.887	ppbv	#	74
19) Isopropyl Alcohol	4.09	45	8313244	58.117	ppbv	#	1
20) Methylene Chloride	4.46	84	831857	10.369	ppbv		96
21) Allyl Chloride	4.46	41	18712	0.140	ppbv	#	23
23) Vinyl Acetate	5.19	43	97945	0.267	ppbv	#	57
25) Ethyl Acetate	5.84	43	579297	1.273	ppbv	#	78
26) Hexane	5.83	57	747486	3.683	ppbv	#	44
27) Carbon Disulfide	4.67	76	63544	0.335	ppbv	#	80
29) Chloroform	5.91	83	69434	0.233	ppbv		93
30) Cyclohexane	7.31	84	5241	0.034	ppbv	#	1
34) 2-Butanone	5.38	43	2766030	9.187	ppbv		99
35) Carbon Tetrachloride	7.20	117	449264	1.722	ppbv		97
36) Benzene	7.07	78	759463	2.025	ppbv		97
38) Trichloroethene	8.03	130	5615	0.043	ppbv	#	64
39) 1,2-Dichloropropane	8.13	63	55594	0.355	ppbv	#	1
40) 1,4-Dioxane	8.03	88	2949	0.062	ppbv	#	1
41) Tetrahydrofuran	6.19	42	5875775	36.353	ppbv	#	41
50) 4-Methyl-2-Pentanone	8.94	43	988009	2.272	ppbv		100
51) 2-Hexanone	10.34	43	247753	0.811	ppbv	#	97
52) Tetrachloroethene	11.45	164	4993157	45.143	ppbv		93
53) Toluene	10.02	91	1327697	3.229	ppbv		97
58) Ethyl Benzene	12.94	91	244525	0.482	ppbv		90
59) m/p-Xylene	13.19	91	494008	1.147	ppbv	#	60
60) o-Xylene	13.92	91	201868	0.477	ppbv		99
61) Styrene	13.76	104	12762	0.043	ppbv	#	45
65) tert-Butylbenzene	16.99	119	32984	0.064	ppbv	#	1
70) n-Butylbenzene	18.79	91	78582	0.122	ppbv	#	49
72) 4-Ethyltoluene	16.07	105	44430	0.094	ppbv	#	63
73) 1,3,5-Trimethylbenzene	16.22	105	126663	0.279	ppbv		93
74) 1,2,4-Trimethylbenzene	16.99	105	436448	0.903	ppbv	#	69
77) 1,2-Dichlorobenzene	18.06	146	66499	0.240	ppbv		97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081518\

Quantitation Report (Not Reviewed)

Data File : VL032362.D
Acq On : 15 Aug 2018 21:52
Operator : SY/AP
Sample : J4457-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SS01-MIVI

Quant Time: Aug 16 05:48:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081518AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 15 14:58:02 2018
QLast Update : Wed Aug 15 14:58:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
79) Naphthalene	22.49	128	144942	0.638	ppbv		97
80) Naphthalene,2-methyl-	25.16	142	23706	0.246	ppbv	#	88

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

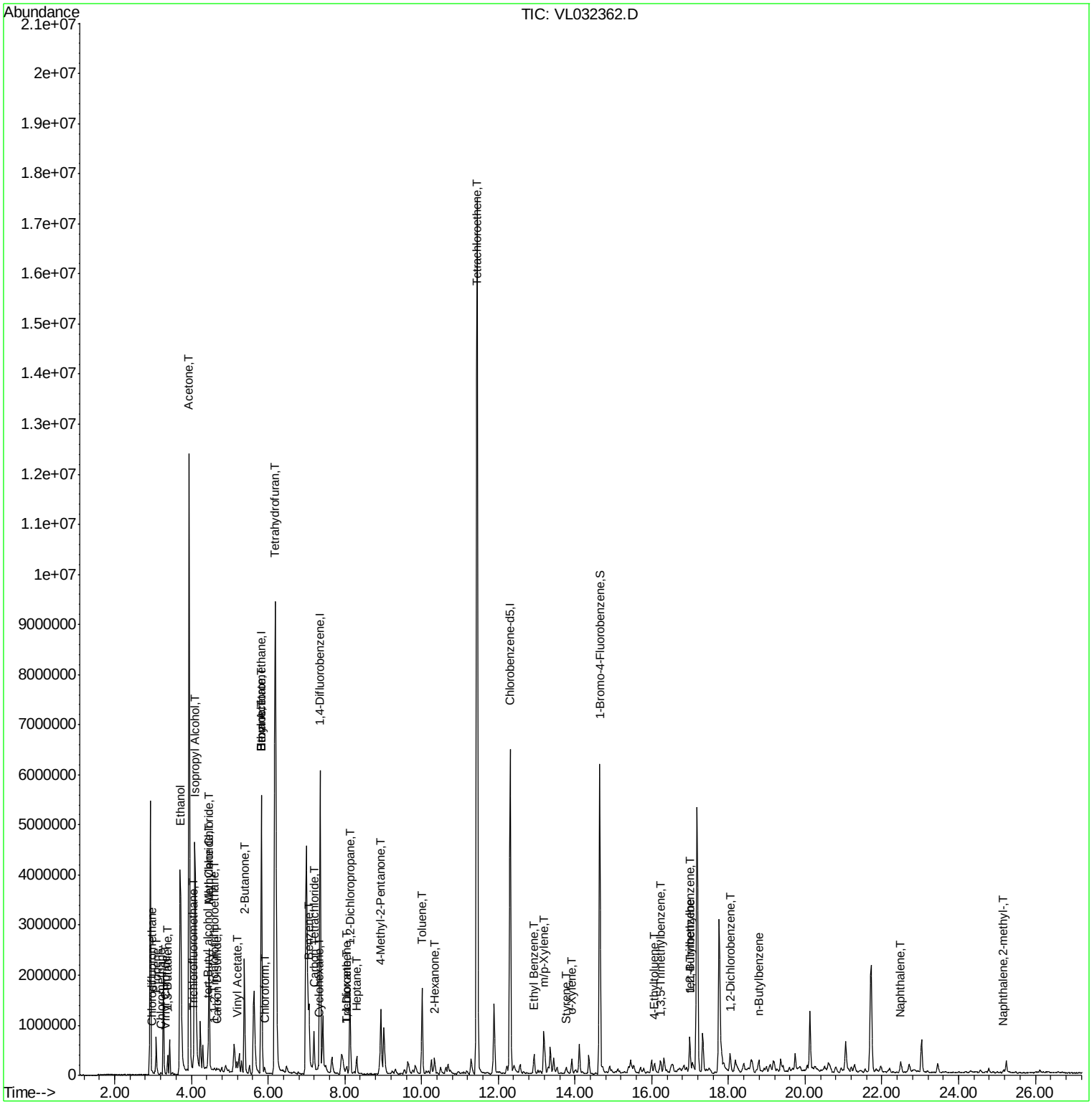
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL081518\

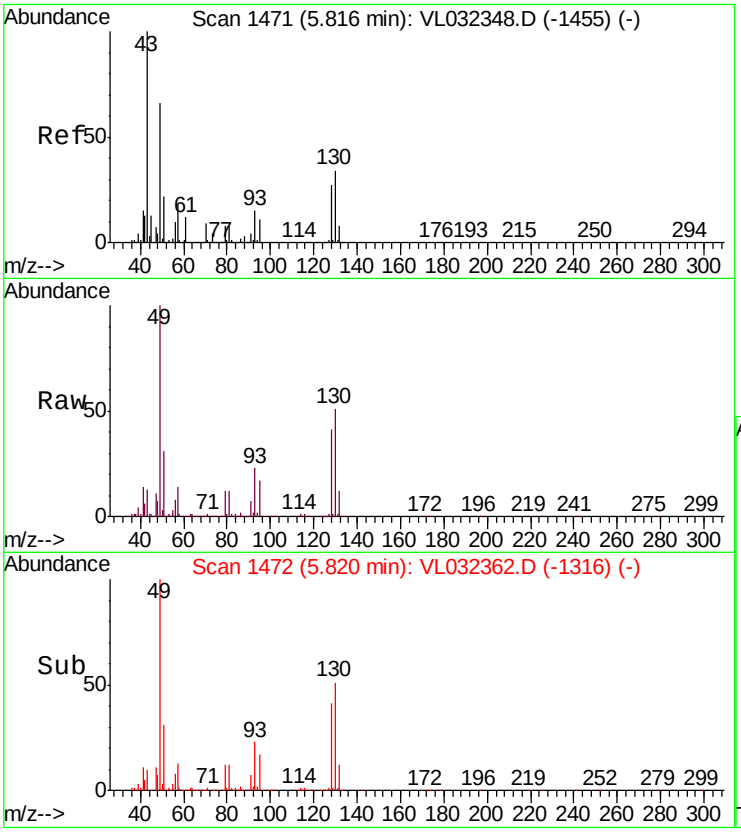
Quantitation Report (Not Reviewed)

Data File : VL032362.D
Acq On : 15 Aug 2018 21:52
Operator : SY/AP
Sample : J4457-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SS01-MIVI

Quant Time: Aug 16 05:48:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081518AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 15 14:58:02 2018
QLast Update : Wed Aug 15 14:58:02 2018
Response via : Initial Calibration



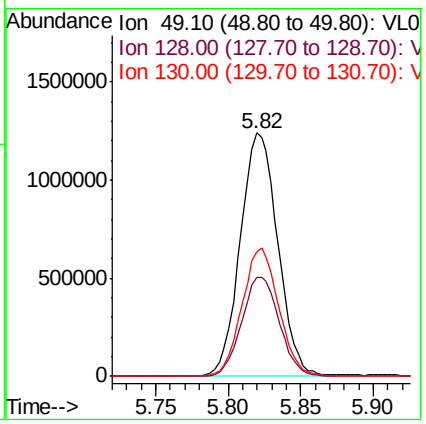


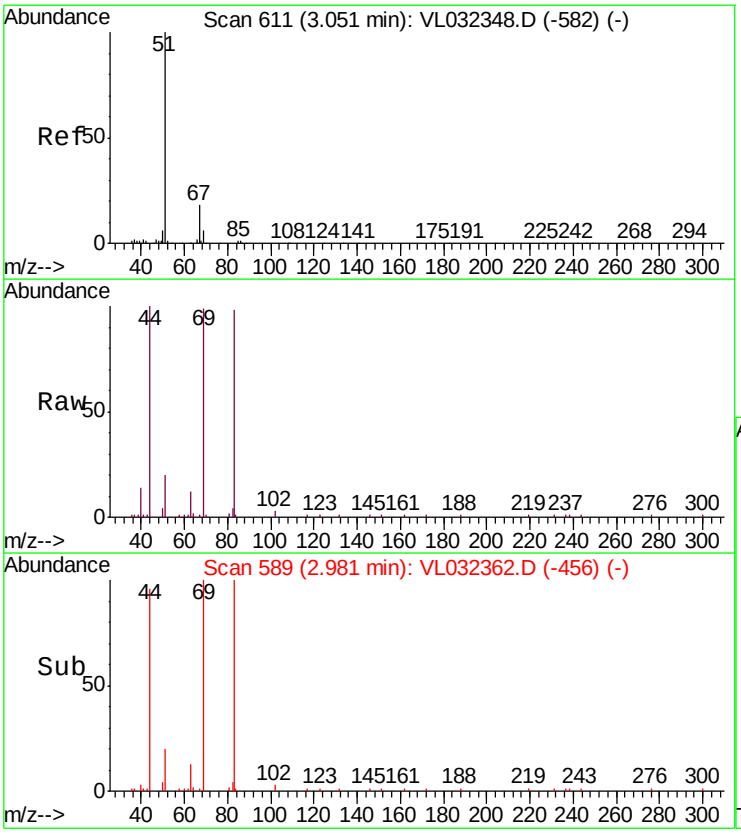
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.82 min Scan# 1472
Delta R.T. 0.00 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Instrument :
MSVOA_L
ClientSampleId :
SS01-MIVI

Tgt Ion: 49 Resp: 2235820

Ion	Ratio	Lower	Upper
49	100		
128	41.1	20.5	61.6
130	51.8	26.2	78.5

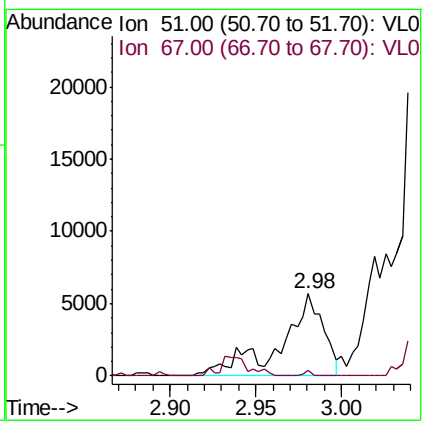


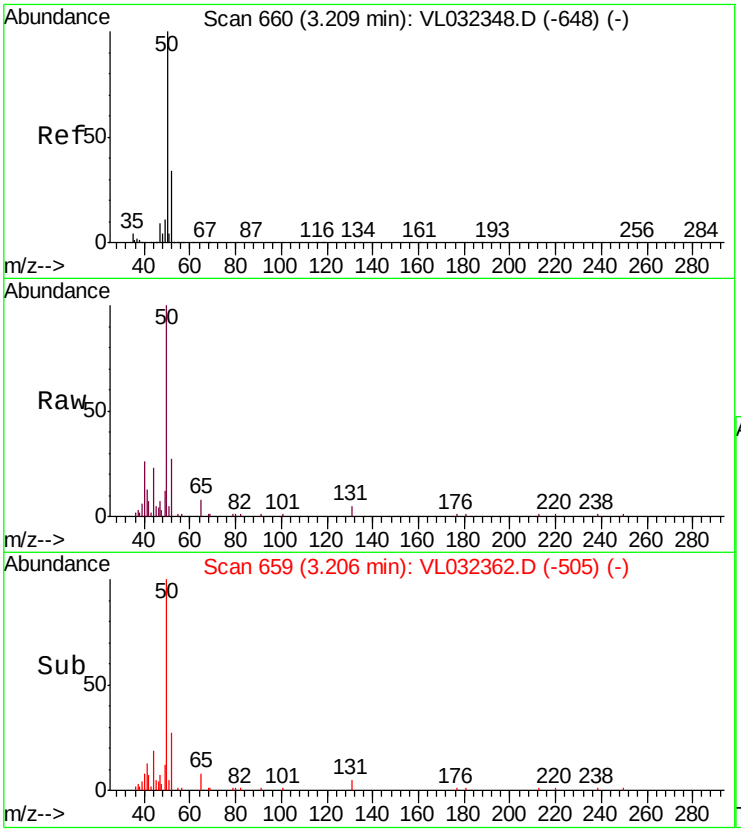


#3
Chlorodifluoromethane
Concen: 0.048 ppbv
RT: 2.98 min Scan# 589
Delta R.T. -0.07 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Tgt Ion: 51 Resp: 9890

Ion	Ratio	Lower	Upper
51	100		
67	16.5	13.7	20.5



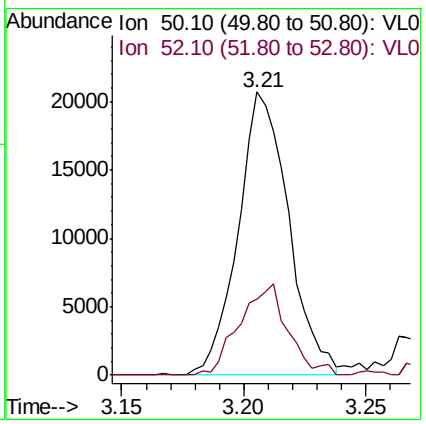


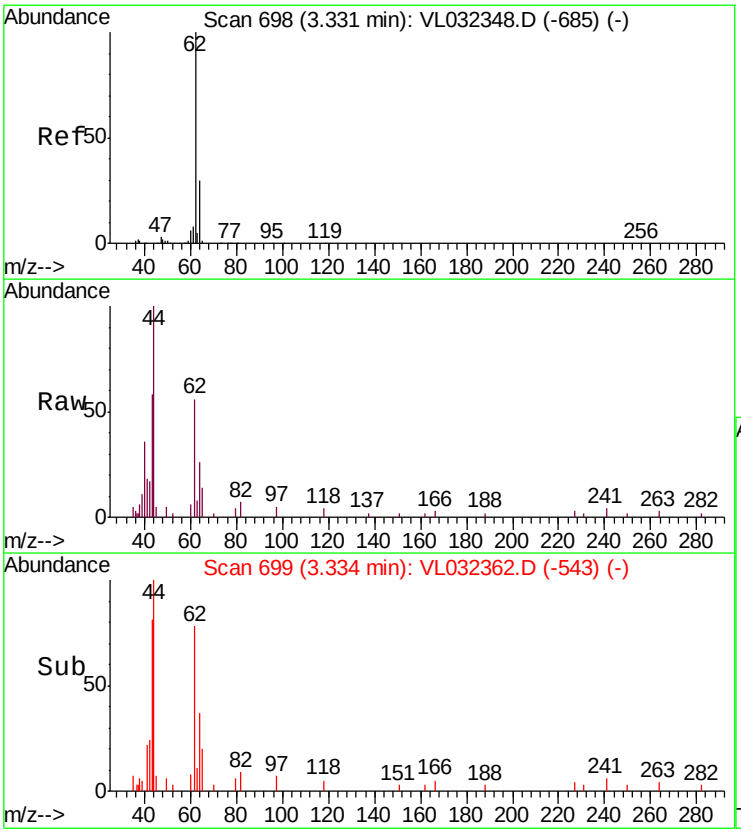
#4
Chloromethane
Concen: 0.240 ppbv
RT: 3.21 min Scan# 659
Delta R.T. -0.00 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Instrument :
MSVOA_L
ClientSampleId :
SS01-MIVI

Tgt Ion: 50 Resp: 29605

Ion	Ratio	Lower	Upper
50	100		
52	26.8	26.8	40.2#

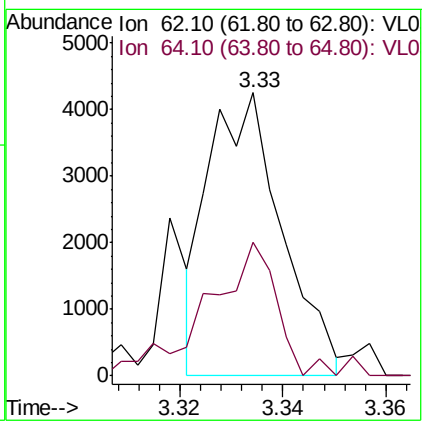


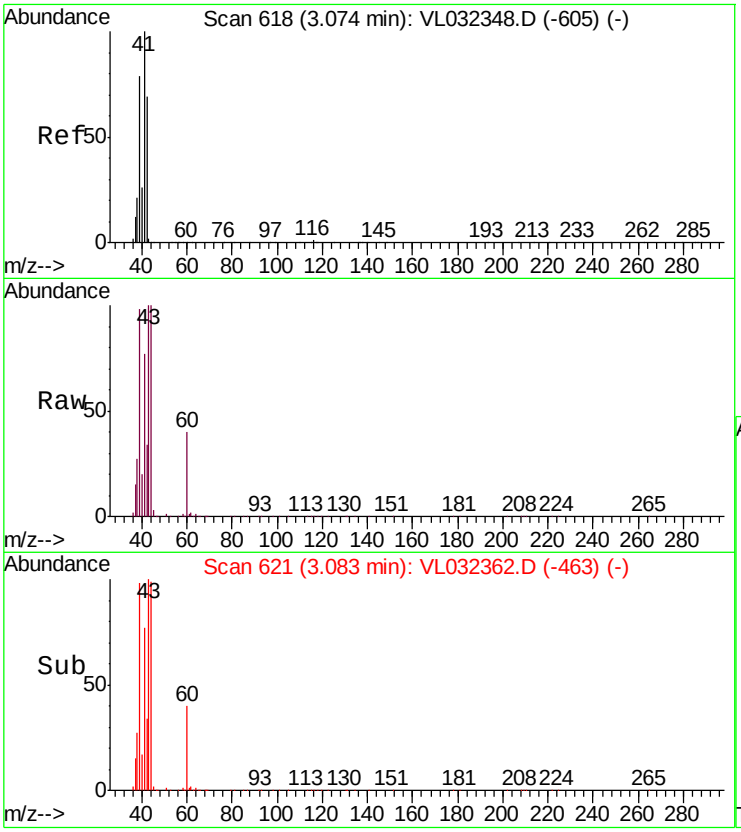


#5
Vinyl Chloride
Concen: 0.036 ppbv
RT: 3.33 min Scan# 699
Delta R.T. 0.00 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Tgt Ion: 62 Resp: 4179

Ion	Ratio	Lower	Upper
62	100		
64	50.4	24.2	36.2#



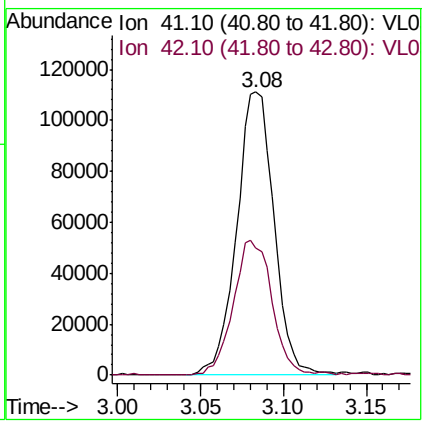


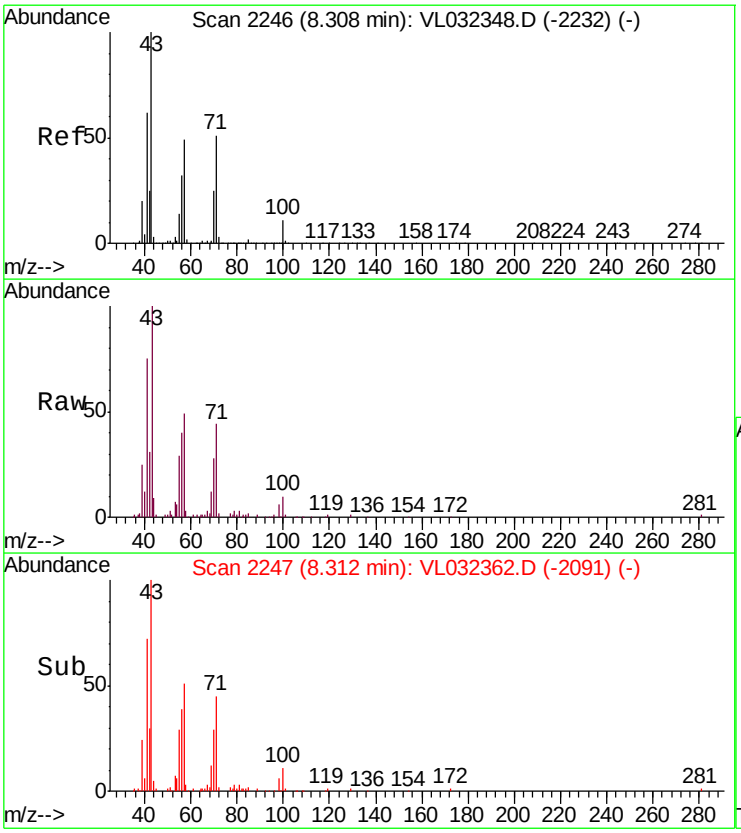
#9
Propene
Concen: 1.962 ppbv
RT: 3.08 min Scan# 621
Delta R.T. 0.01 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Instrument :
MSVOA_L
ClientSampleId :
SS01-MIVI

Tgt Ion: 41 Resp: 173942

Ion	Ratio	Lower	Upper
41	100		
42	50.2	55.9	83.9#

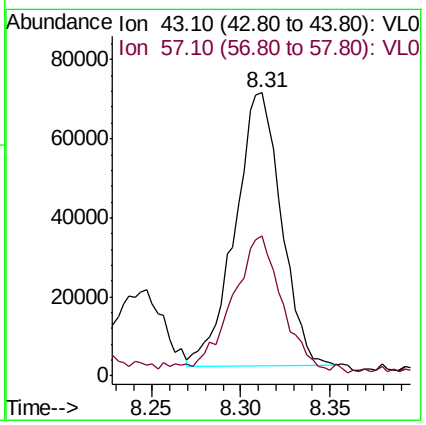


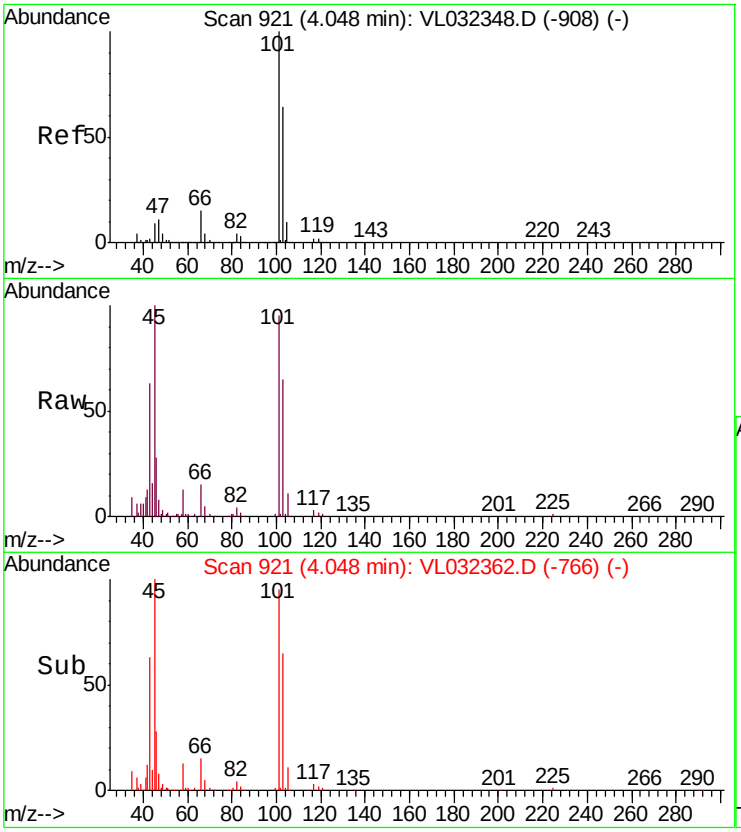


#10
Heptane
Concen: 0.469 ppbv
RT: 8.31 min Scan# 2247
Delta R.T. 0.00 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Tgt Ion: 43 Resp: 125233

Ion	Ratio	Lower	Upper
43	100		
57	55.7	39.5	59.3



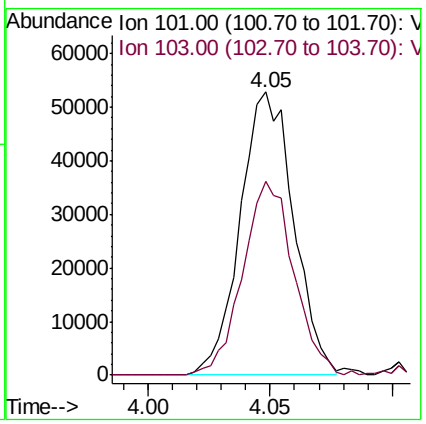


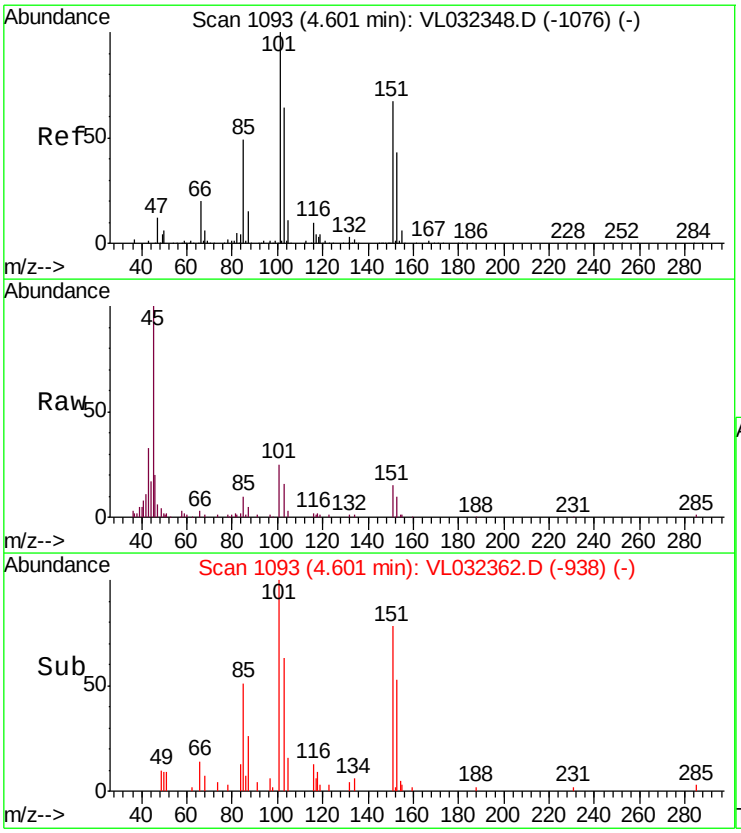
#11
Trichlorofluoromethane
Concen: 0.320 ppbv
RT: 4.05 min Scan# 921
Delta R.T. -0.00 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Instrument :
MSVOA_L
ClientSampleId :
SS01-MIVI

Tgt Ion:101 Resp: 80125

Ion	Ratio	Lower	Upper
101	100		
103	68.5	51.4	77.0

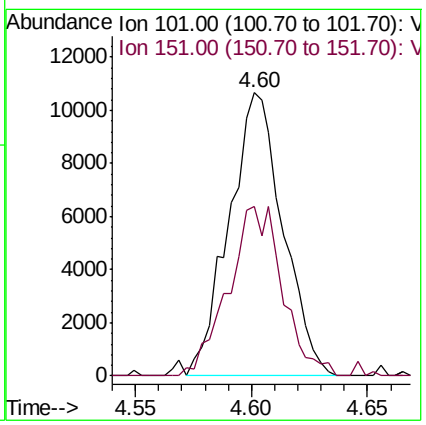


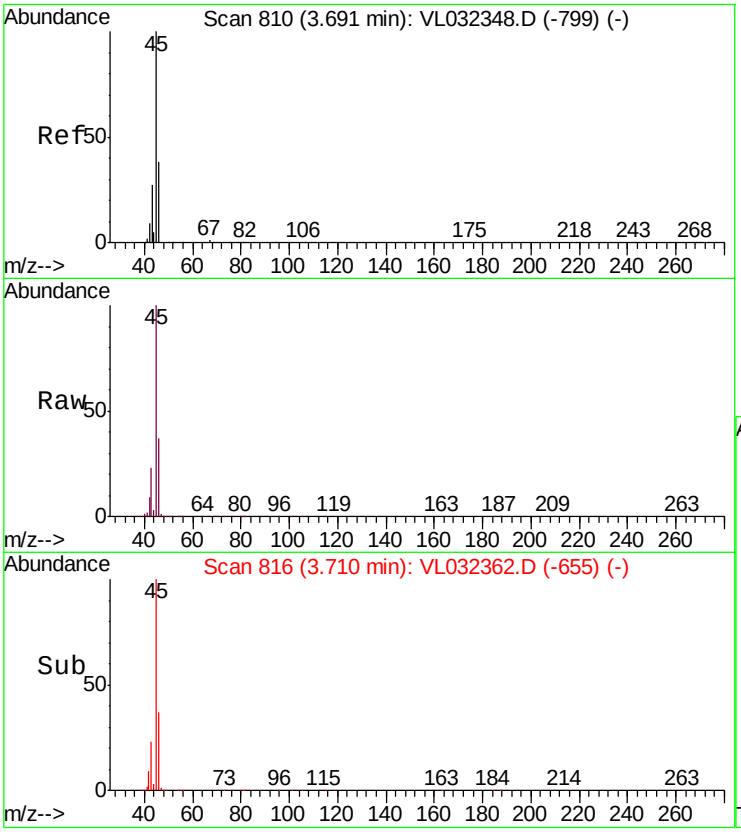


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.102 ppbv
RT: 4.60 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Tgt Ion:101 Resp: 17240

Ion	Ratio	Lower	Upper
101	100		
151	60.7	53.1	79.7



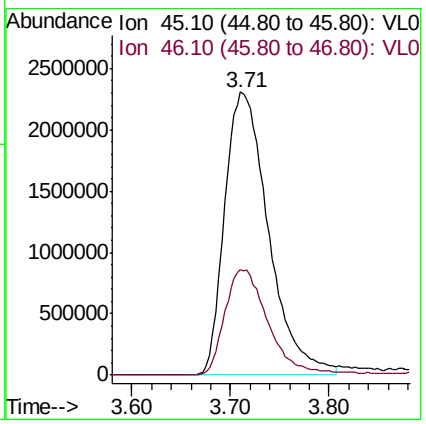


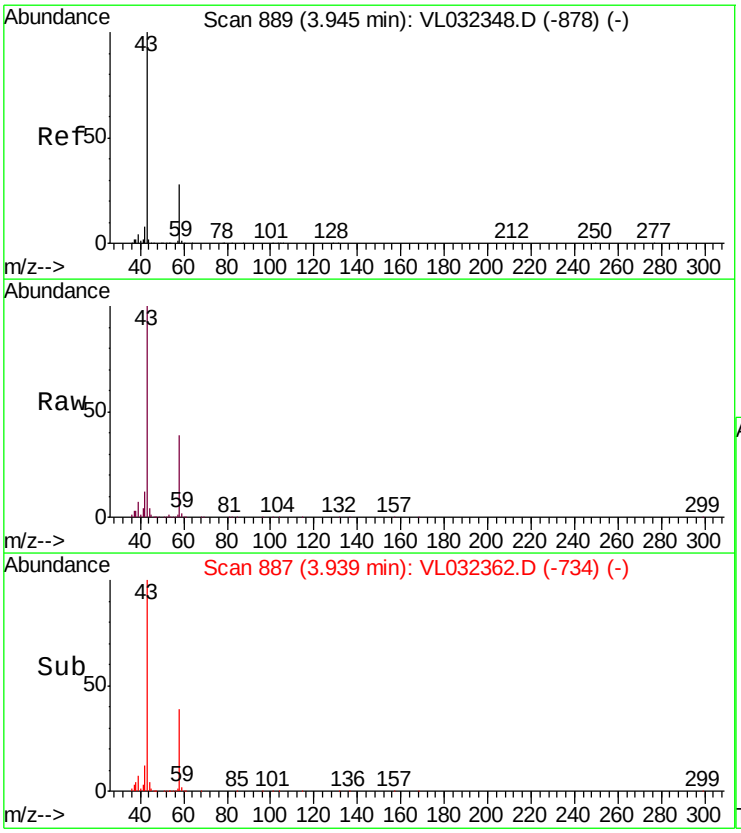
#13
Ethanol
Concen: 314.103 ppbv
RT: 3.71 min Scan# 816
Delta R.T. 0.02 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Instrument :
MSVOA_L
ClientSampleId :
SS01-MIVI

Tgt Ion: 45 Resp: 7150861

Ion	Ratio	Lower	Upper
45	100		
46	37.5	15.6	62.4

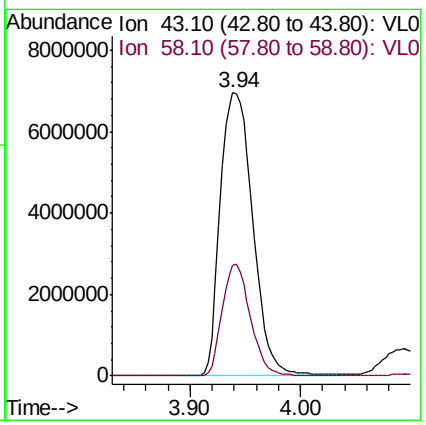


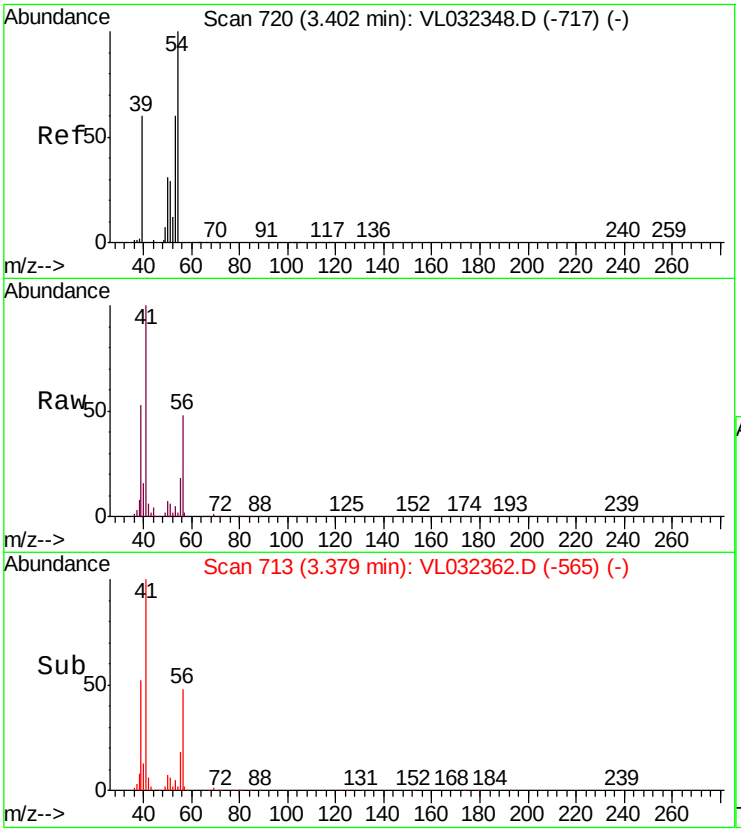


#15
Acetone
Concen: 66.556 ppbv
RT: 3.94 min Scan# 887
Delta R.T. -0.01 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Tgt Ion: 43 Resp:14138019

Ion	Ratio	Lower	Upper
43	100		
58	34.5	22.4	33.6#



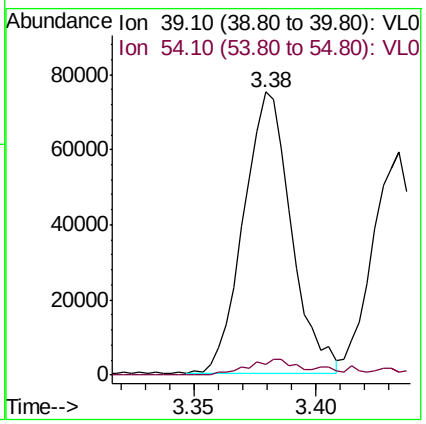


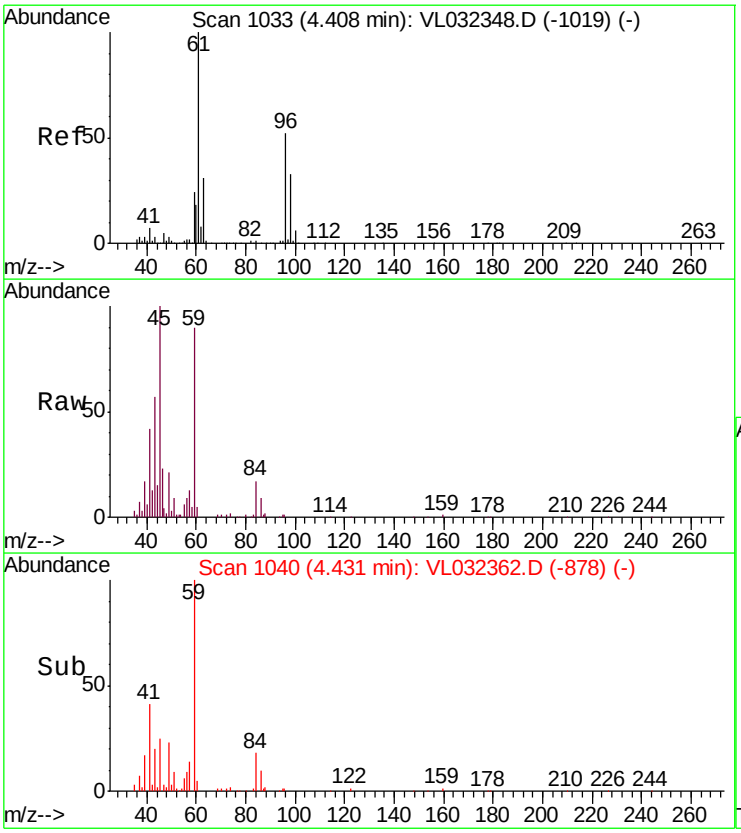
#16
1,3-Butadiene
Concen: 1.154 ppbv
RT: 3.38 min Scan# 713
Delta R.T. -0.02 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Instrument :
MSVOA_L
ClientSampleId :
SS01-MIVI

Tgt Ion: 39 Resp: 101231

Ion	Ratio	Lower	Upper
39	100		
54	9.9	85.5	128.3#

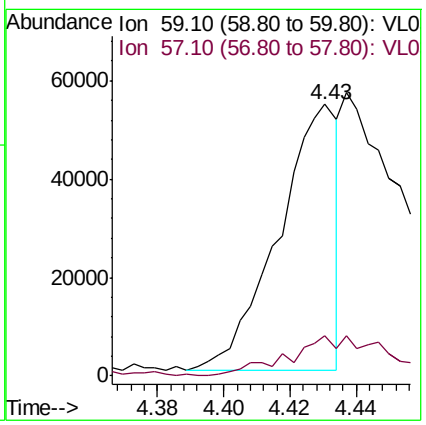


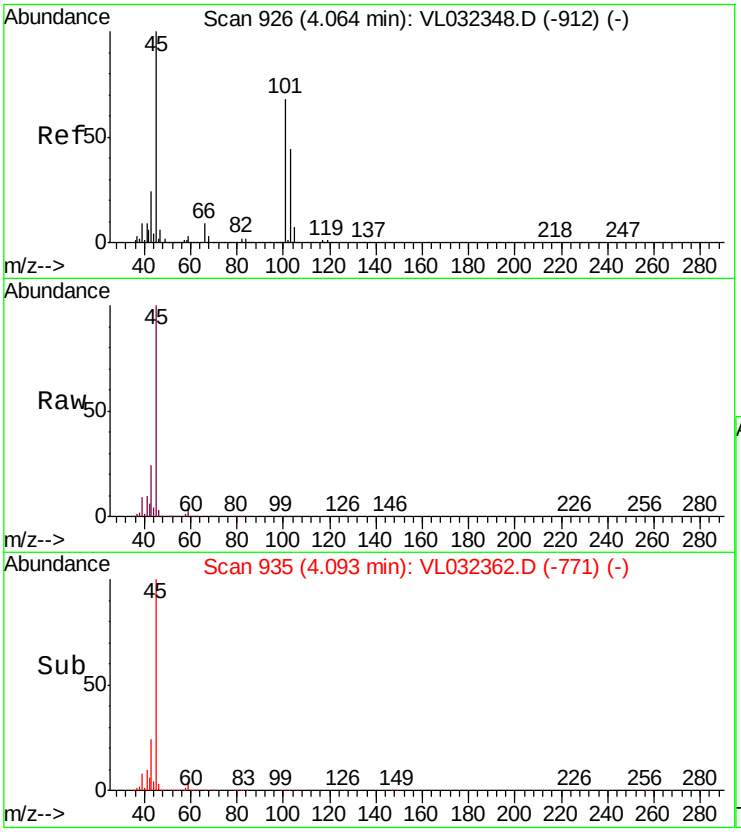


#17
tert-Butyl alcohol
Concen: 1.887 ppbv
RT: 4.43 min Scan# 1040
Delta R.T. 0.02 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Tgt Ion: 59 Resp: 67272

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.6	11.4#



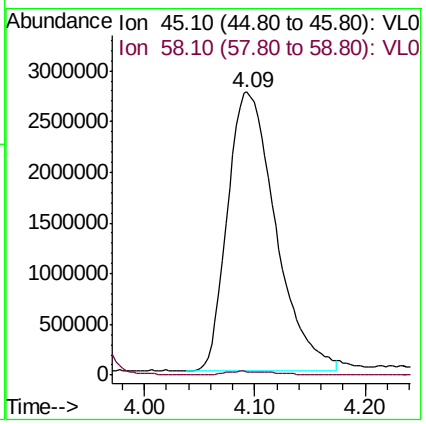


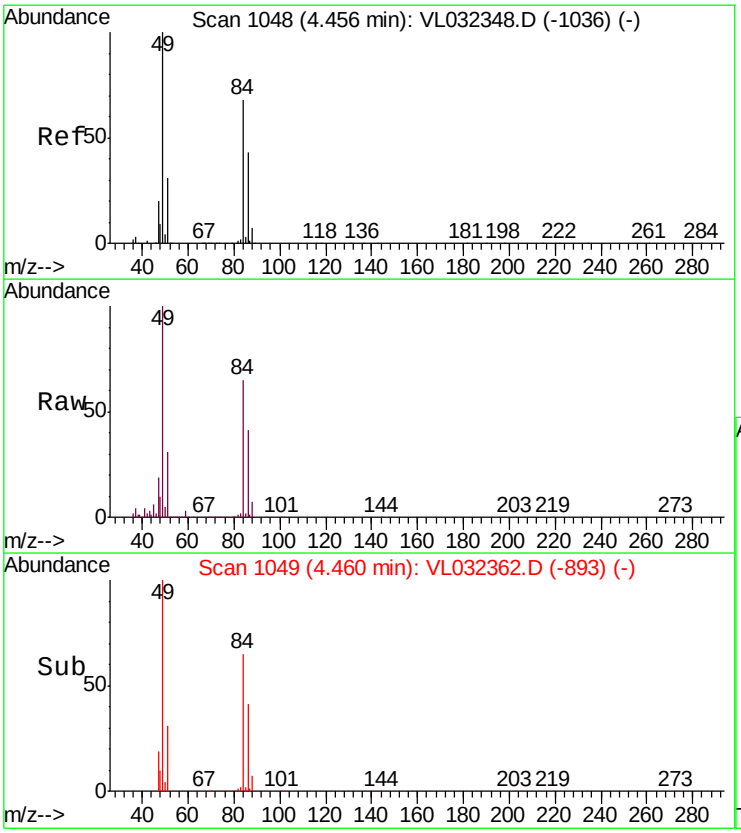
#19
Isopropyl Alcohol
Concen: 58.117 ppbv
RT: 4.09 min Scan# 935
Delta R.T. 0.03 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Instrument :
MSVOA_L
ClientSampleId :
SS01-MIVI

Tgt Ion: 45 Resp: 8313244

Ion	Ratio	Lower	Upper
45	100		
58	58.7	1.4	2.0#

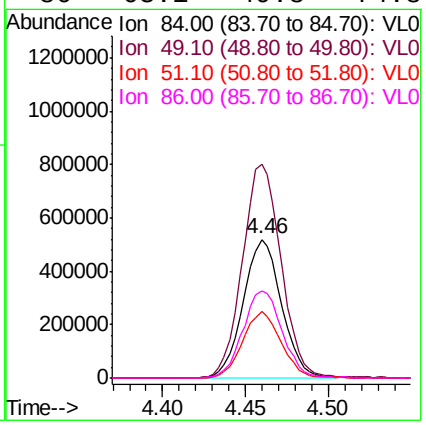


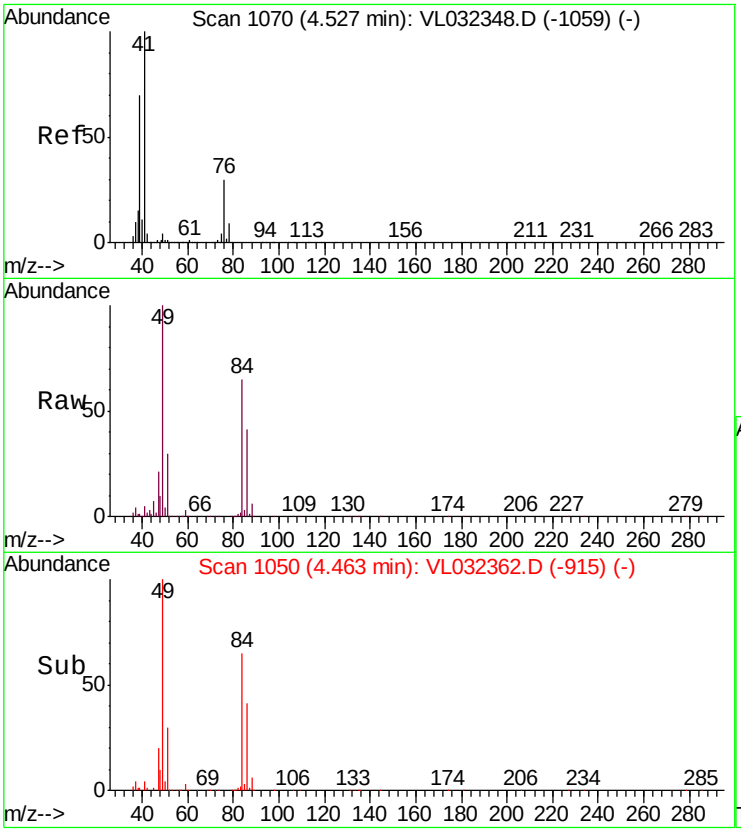


#20
Methylene Chloride
Concen: 10.369 ppbv
RT: 4.46 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Tgt Ion: 84 Resp: 831857

Ion	Ratio	Lower	Upper
84	100		
49	154.4	117.3	175.9
51	47.9	36.6	55.0
86	63.1	49.8	74.8



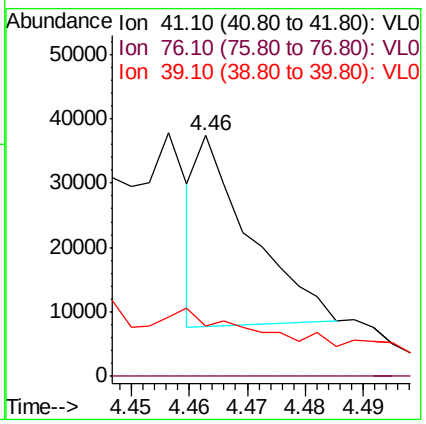


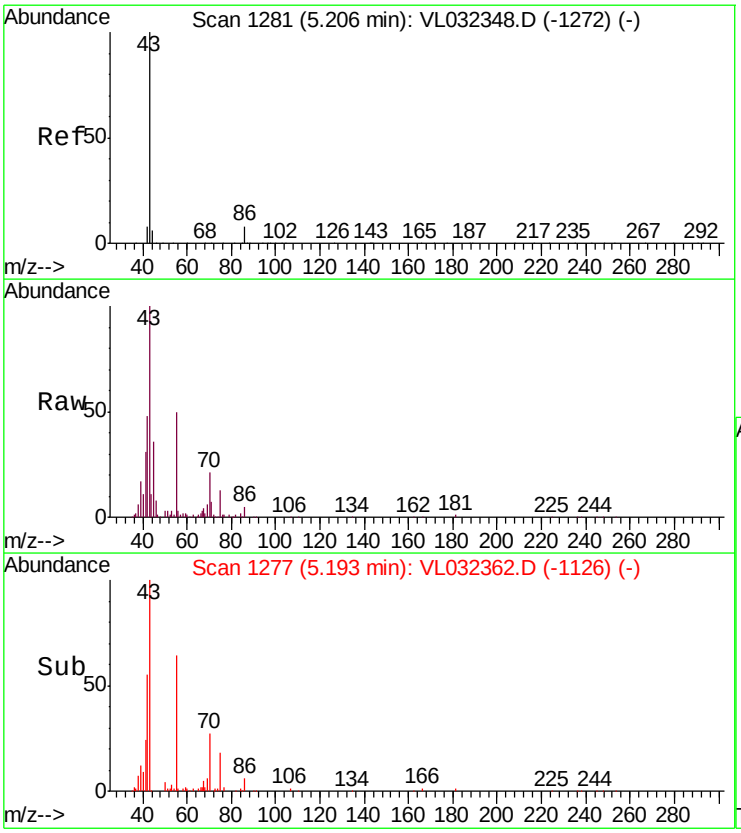
#21
Allyl Chloride
Concen: 0.140 ppbv
RT: 4.46 min Scan# 1050
Delta R.T. -0.06 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Instrument : MSVOA_L
ClientSampleId : SS01-MIVI

Tgt Ion: 41 Resp: 18712

Ion	Ratio	Lower	Upper
41	100		
76	0.0	22.9	34.3#
39	0.0	57.6	86.4#

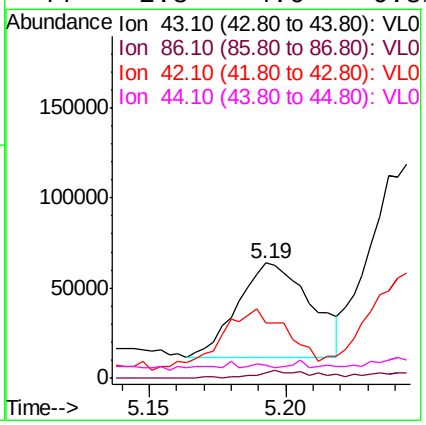


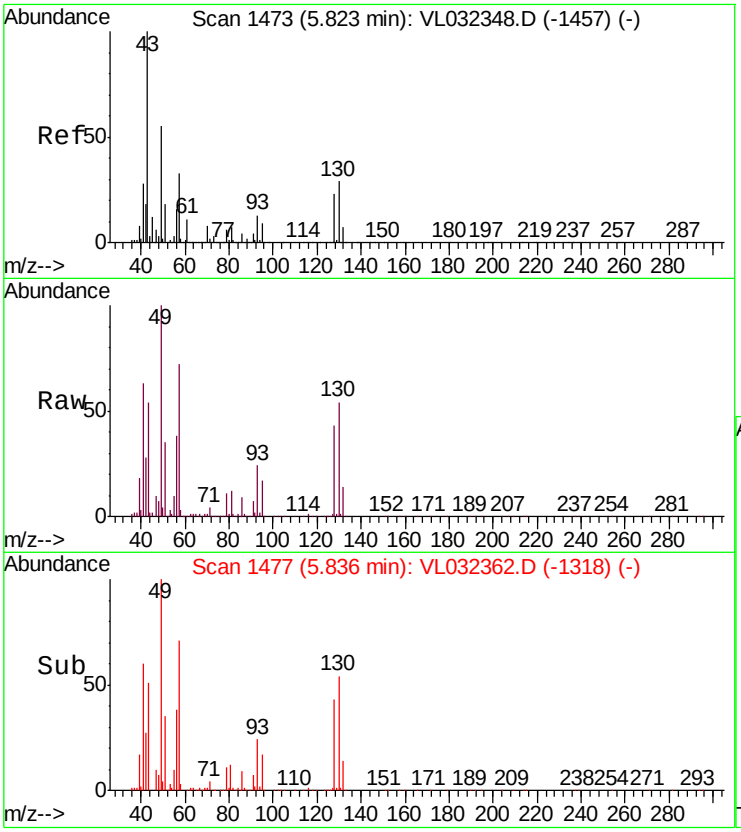


#23
Vinyl Acetate
Concen: 0.267 ppbv
RT: 5.19 min Scan# 1277
Delta R.T. -0.01 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Tgt Ion: 43 Resp: 97945

Ion	Ratio	Lower	Upper
43	100		
86	5.0	5.5	8.3#
42	42.8	7.0	10.6#
44	2.8	4.6	6.8#



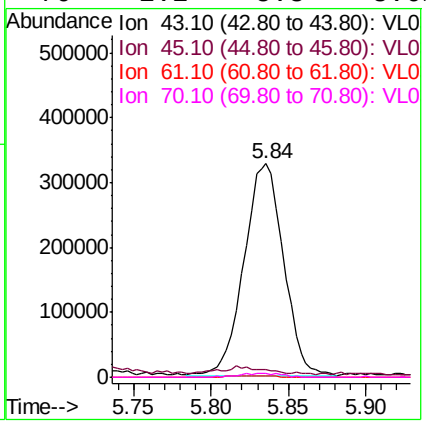


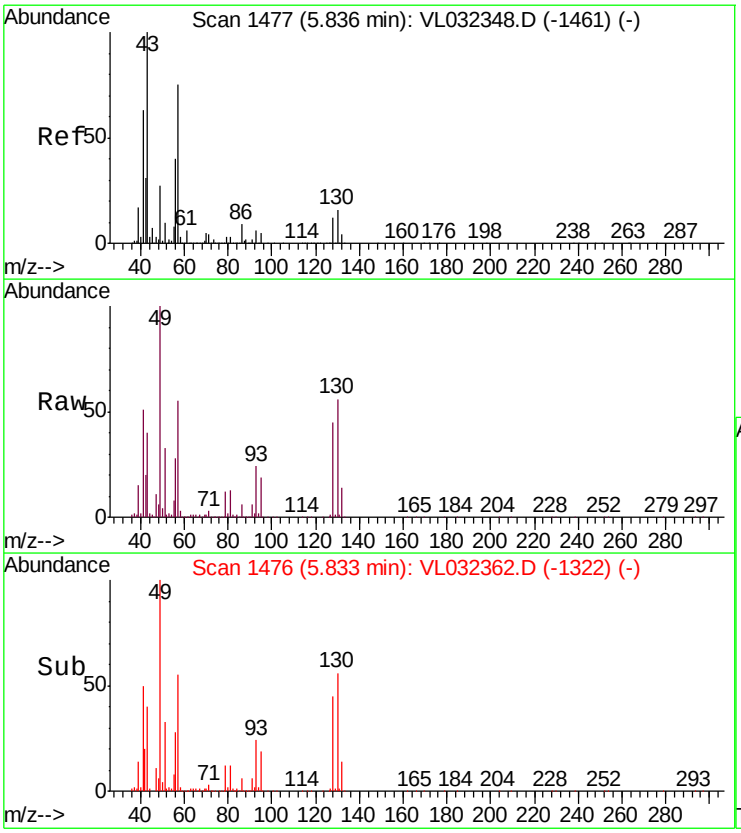
#25
Ethyl Acetate
Concen: 1.273 ppbv
RT: 5.84 min Scan# 1477
Delta R.T. 0.01 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Instrument :
MSVOA_L
ClientSampleId :
SS01-MIVI

Tgt Ion: 43 Resp: 579297

Ion	Ratio	Lower	Upper
43	100		
45	0.0	7.9	11.9#
61	0.9	7.4	11.2#
70	2.2	5.8	8.6#

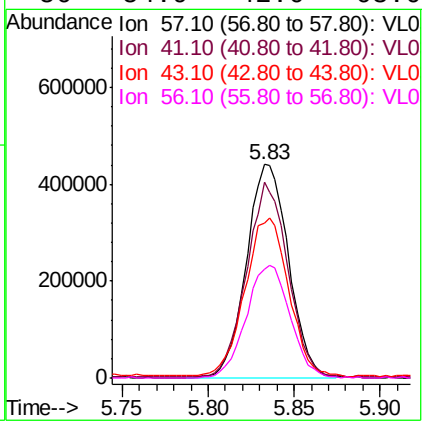


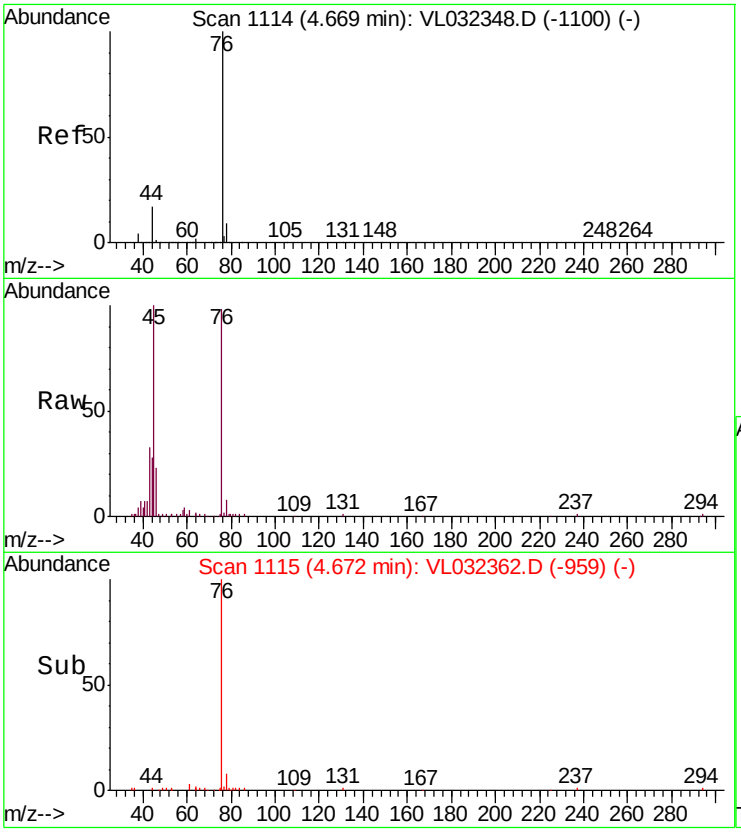


#26
Hexane
Concen: 3.683 ppbv
RT: 5.83 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Tgt Ion: 57 Resp: 747486

Ion	Ratio	Lower	Upper
57	100		
41	90.2	68.0	102.0
43	78.6	175.3	262.9#
56	54.9	42.0	63.0



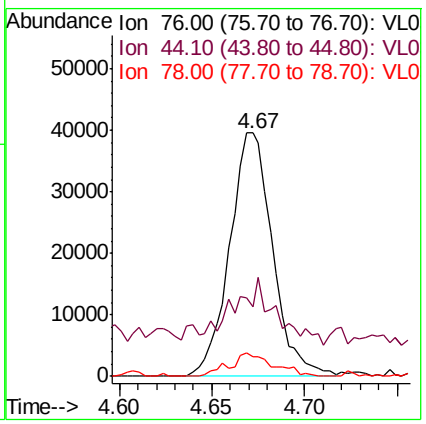


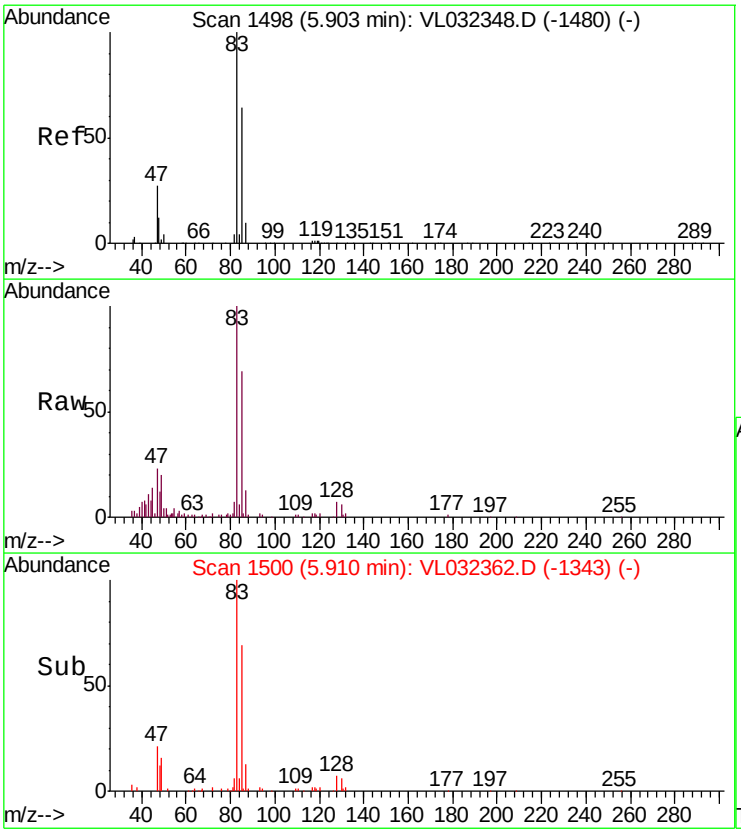
#27
Carbon Disulfide
Concen: 0.335 ppbv
RT: 4.67 min Scan# 1115
Delta R.T. 0.00 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Instrument : MSVOA_L
ClientSampleId : SS01-MIVI

Tgt Ion: 76 Resp: 63544

Ion	Ratio	Lower	Upper
76	100		
44	30.9	14.4	21.6#
78	9.9	7.4	11.0

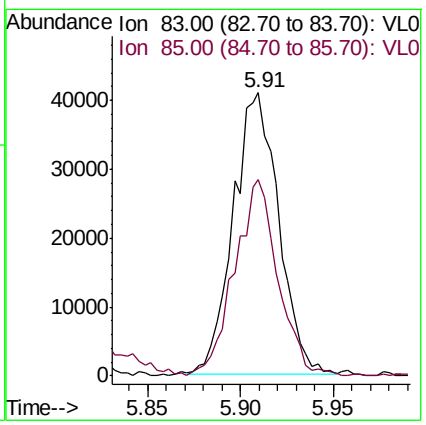


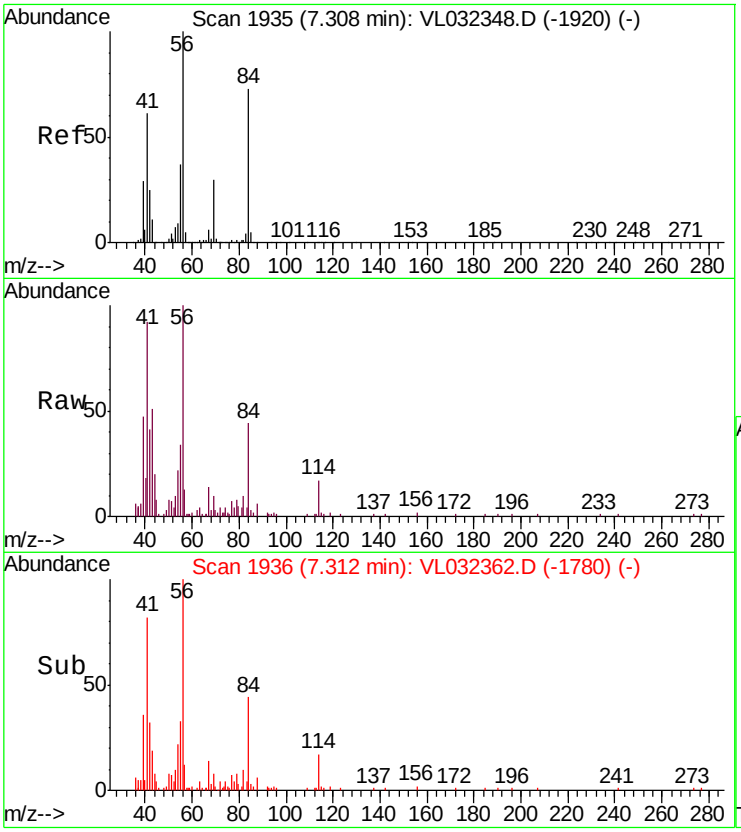


#29
Chloroform
Concen: 0.233 ppbv
RT: 5.91 min Scan# 1500
Delta R.T. 0.01 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Tgt Ion: 83 Resp: 69434

Ion	Ratio	Lower	Upper
83	100		
85	69.7	51.6	77.4



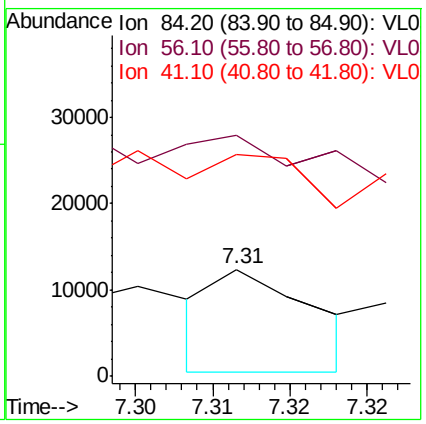


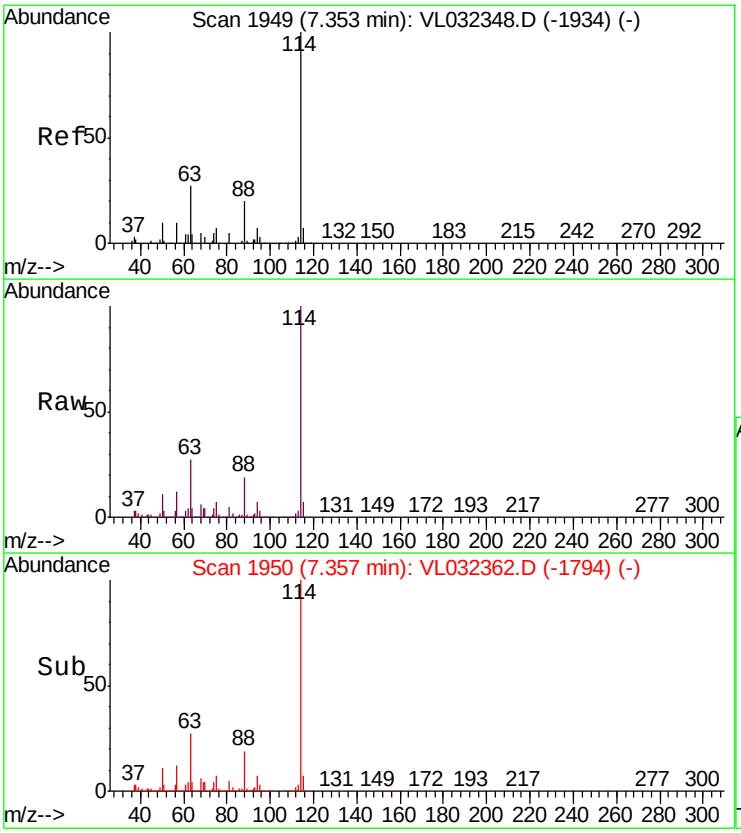
#30
Cyclohexane
Concen: 0.034 ppbv
RT: 7.31 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Instrument :
MSVOA_L
ClientSampleId :
SS01-MIVI

Tgt Ion: 84 Resp: 5241

Ion	Ratio	Lower	Upper
84	100		
56	0.0	115.7	173.5#
41	0.0	67.9	101.9#

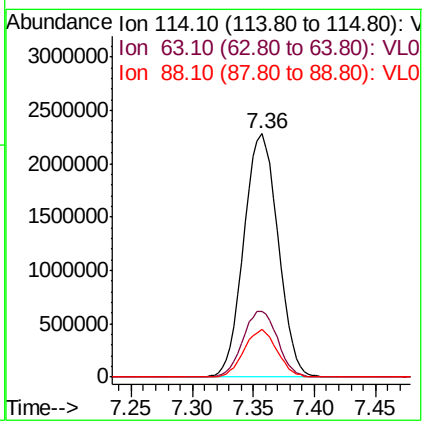


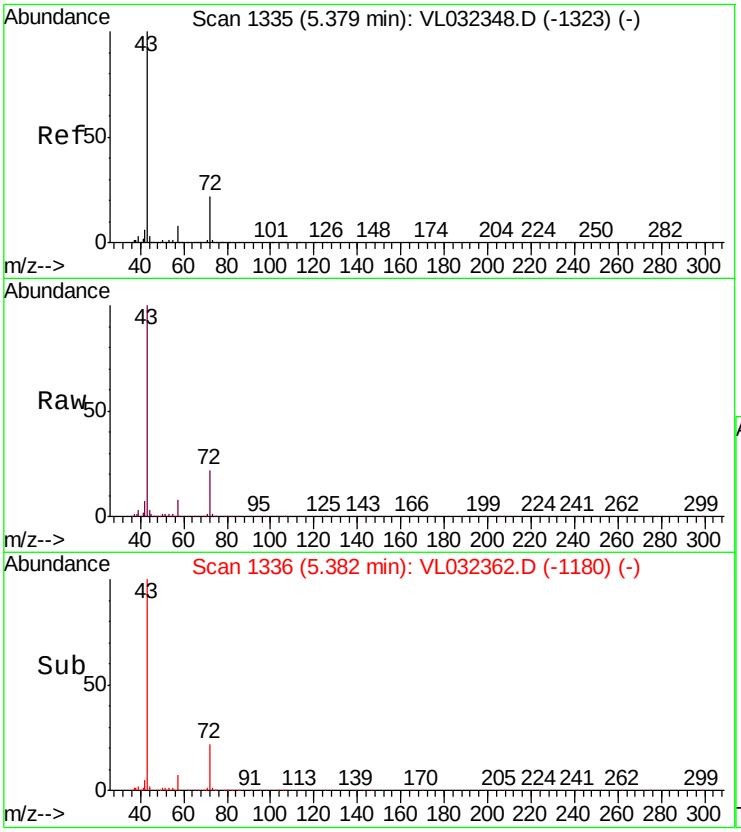


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.36 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Tgt Ion:114 Resp: 4423761

Ion	Ratio	Lower	Upper
114	100		
63	27.4	22.0	33.0
88	18.9	15.3	22.9



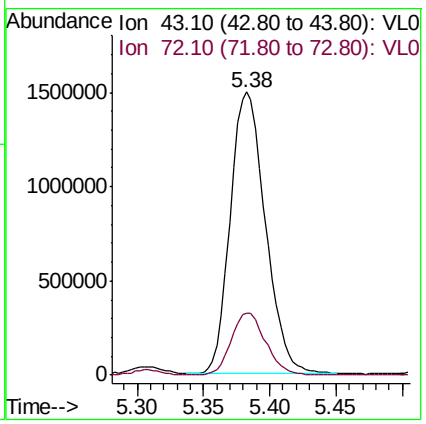


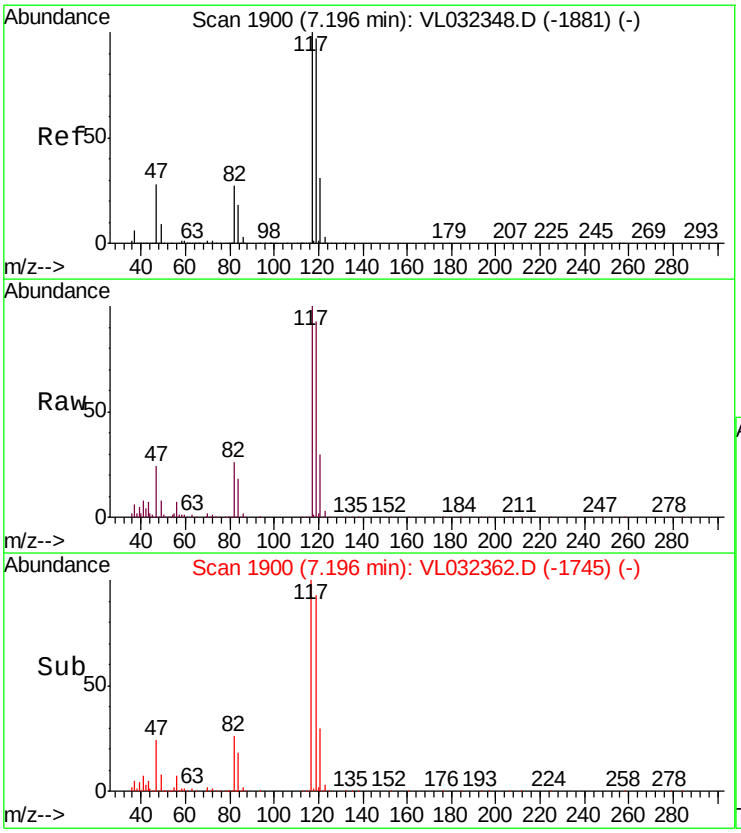
#34
2-Butanone
Concen: 9.187 ppbv
RT: 5.38 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Instrument :
MSVOA_L
ClientSampleId :
SS01-MIVI

Tgt Ion: 43 Resp: 2766030

Ion	Ratio	Lower	Upper
43	100		
72	21.7	17.9	26.9

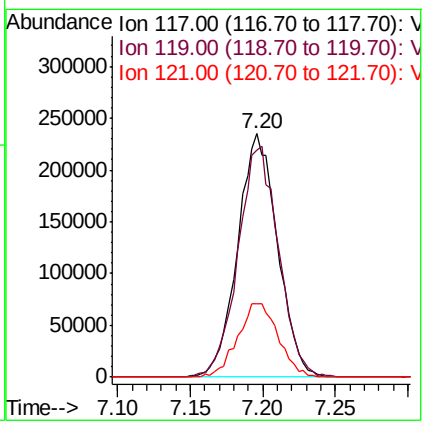


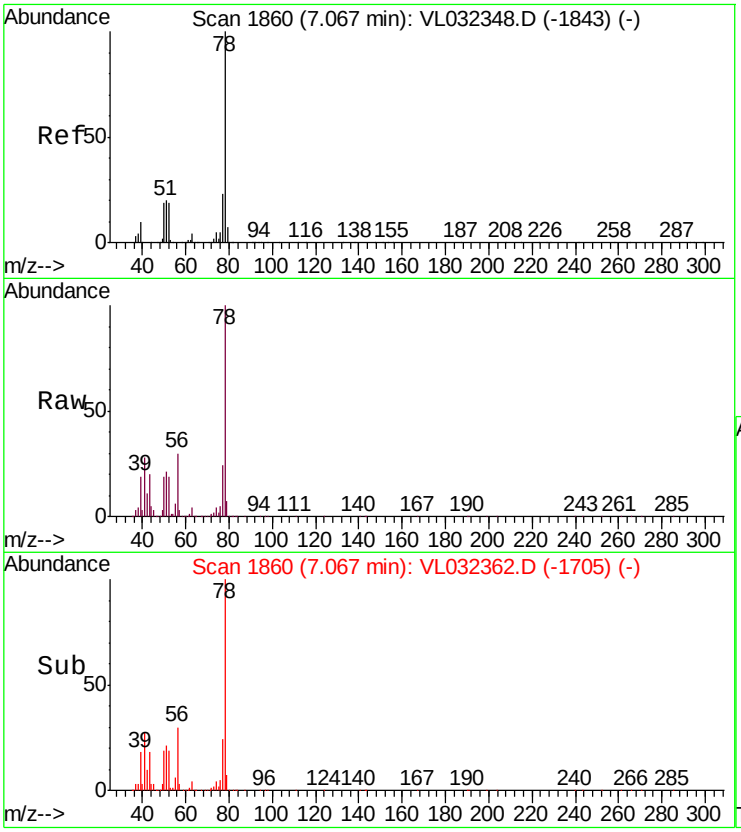


#35
Carbon Tetrachloride
Concen: 1.722 ppbv
RT: 7.20 min Scan# 1900
Delta R.T. -0.00 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Tgt Ion:117 Resp: 449264

Ion	Ratio	Lower	Upper
117	100		
119	93.2	77.2	115.8
121	30.1	25.1	37.7



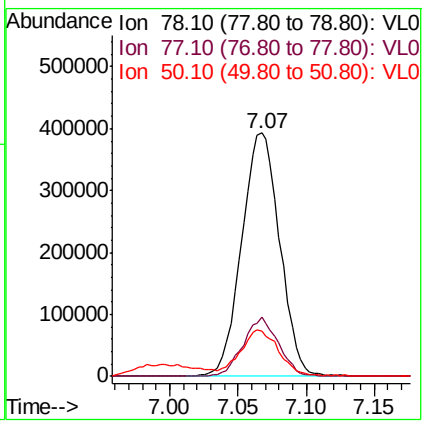


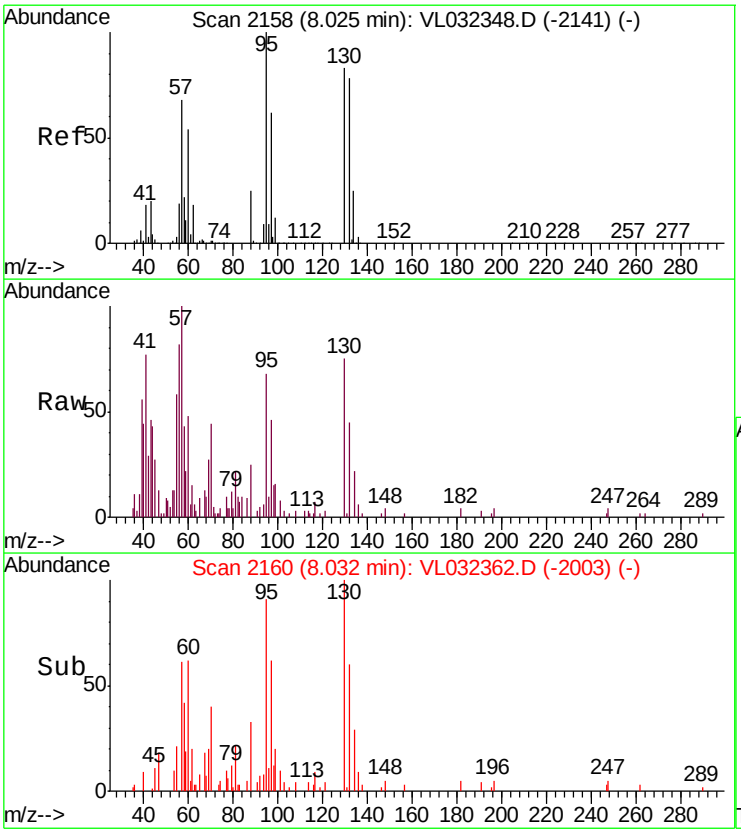
#36
Benzene
Concen: 2.025 ppbv
RT: 7.07 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Instrument :
MSVOA_L
ClientSampleId :
SS01-MIVI

Tgt Ion: 78 Resp: 759463

Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.0	27.0
50	18.1	15.1	22.7

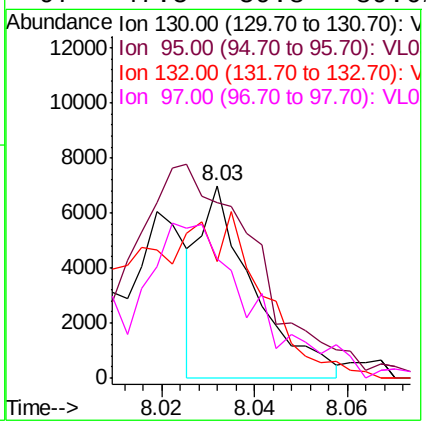


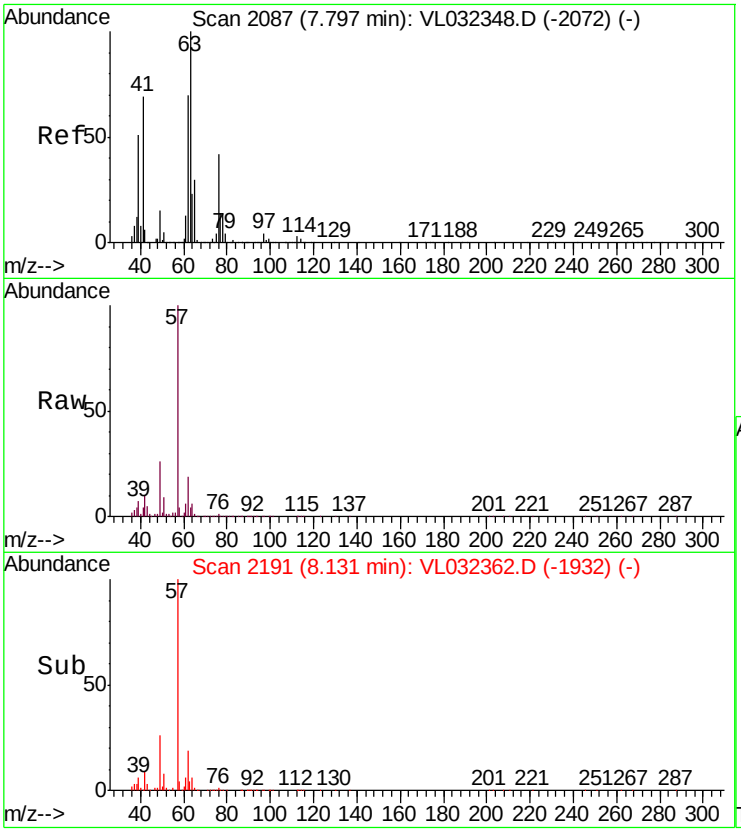


#38
Trichloroethene
Concen: 0.043 ppbv
RT: 8.03 min Scan# 2160
Delta R.T. 0.01 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Tgt Ion:130 Resp: 5615

Ion	Ratio	Lower	Upper
130	100		
95	81.4	96.6	144.8#
132	55.4	75.5	113.3#
97	47.5	59.8	89.6#



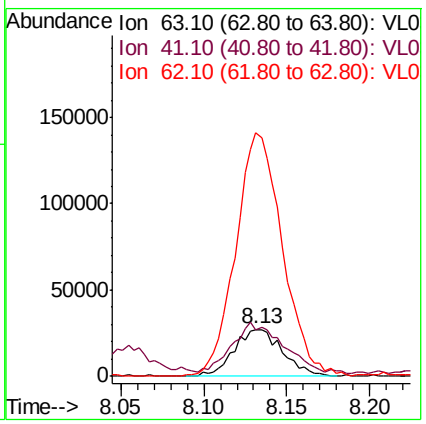


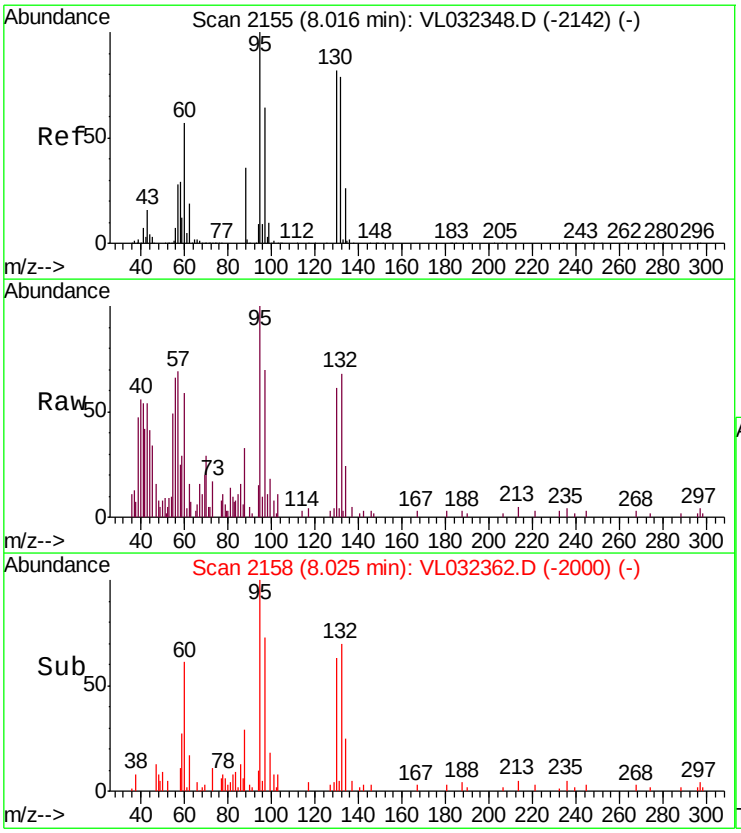
#39
1,2-Dichloropropane
Concen: 0.355 ppbv
RT: 8.13 min Scan# 2191
Delta R.T. 0.33 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Instrument :
MSVOA_L
ClientSampleId :
SS01-MIVI

Tgt Ion: 63 Resp: 55594

Ion	Ratio	Lower	Upper
63	100		
41	87.8	55.5	83.3#
62	515.3	56.3	84.5#

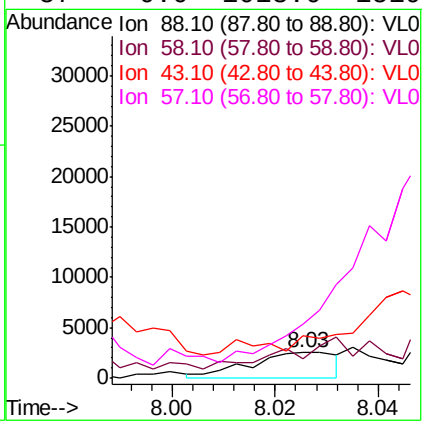


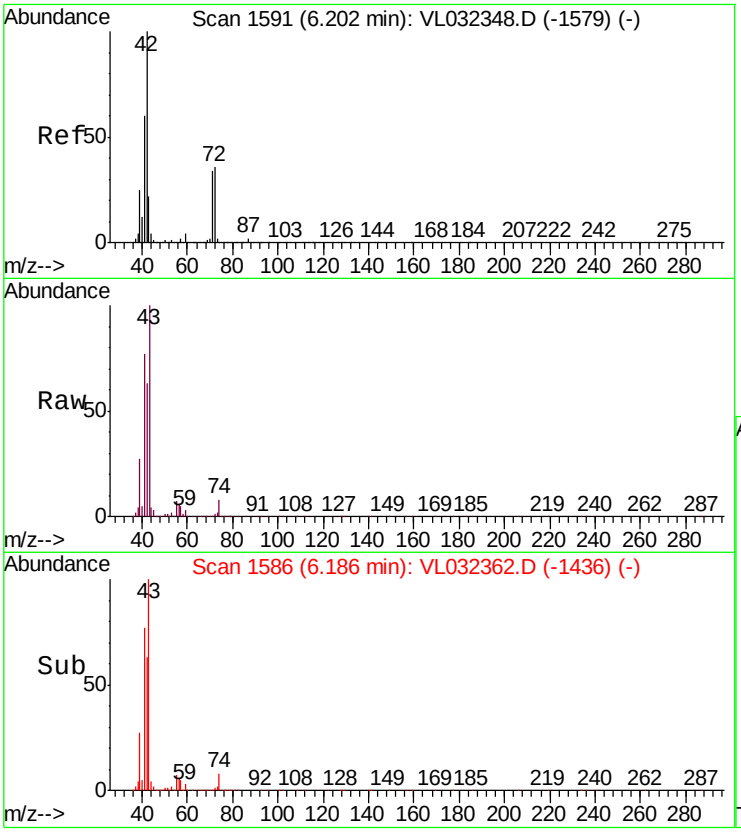


#40
1,4-Dioxane
Concen: 0.062 ppbv
RT: 8.03 min Scan# 2158
Delta R.T. 0.01 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Tgt Ion: 88 Resp: 2949

Ion	Ratio	Lower	Upper
88	100		
58	0.0	113.7	170.5#
43	0.0	224.0	336.0#
57	0.0	1013.0	1519.6#



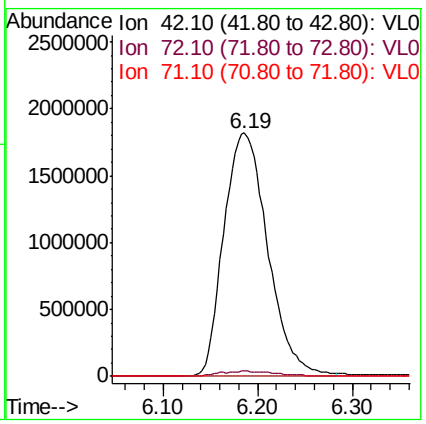


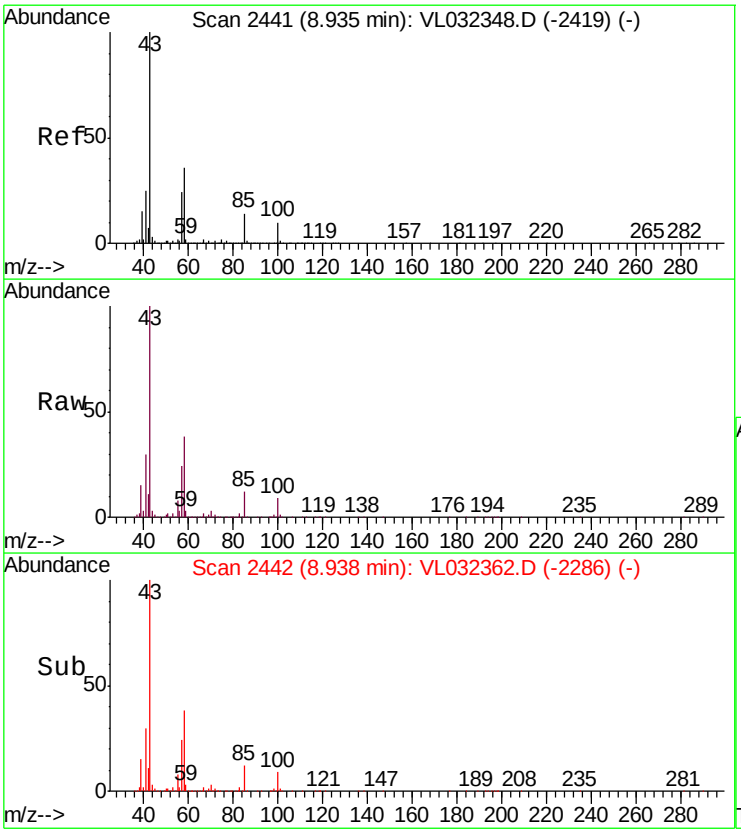
#41
Tetrahydrofuran
Concen: 36.353 ppbv
RT: 6.19 min Scan# 1586
Delta R.T. -0.02 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Instrument :
MSVOA_L
ClientSampleId :
SS01-MIVI

Tgt Ion: 42 Resp: 5875775

Ion	Ratio	Lower	Upper
42	100		
72	3.0	29.8	44.6#
71	0.3	28.2	42.2#

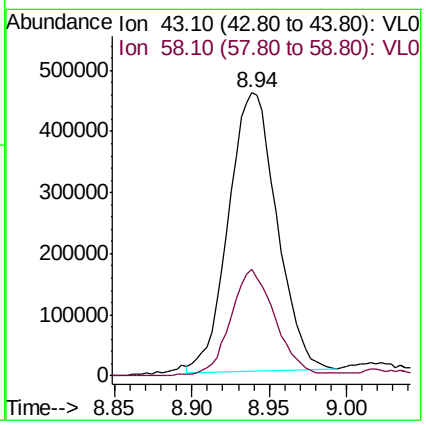


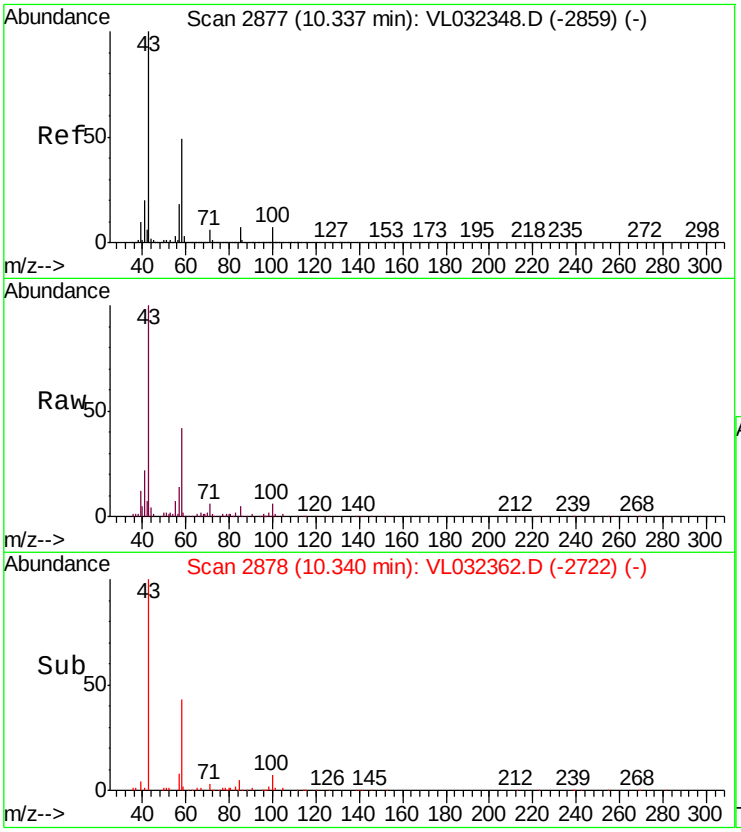


#50
4-Methyl-2-Pentanone
Concen: 2.272 ppbv
RT: 8.94 min Scan# 2442
Delta R.T. 0.00 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Tgt Ion: 43 Resp: 988009

Ion	Ratio	Lower	Upper
43	100		
58	36.0	28.9	43.3



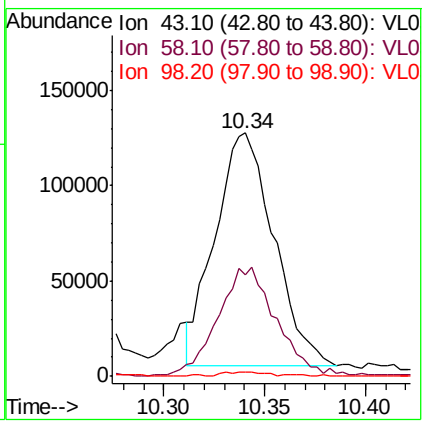


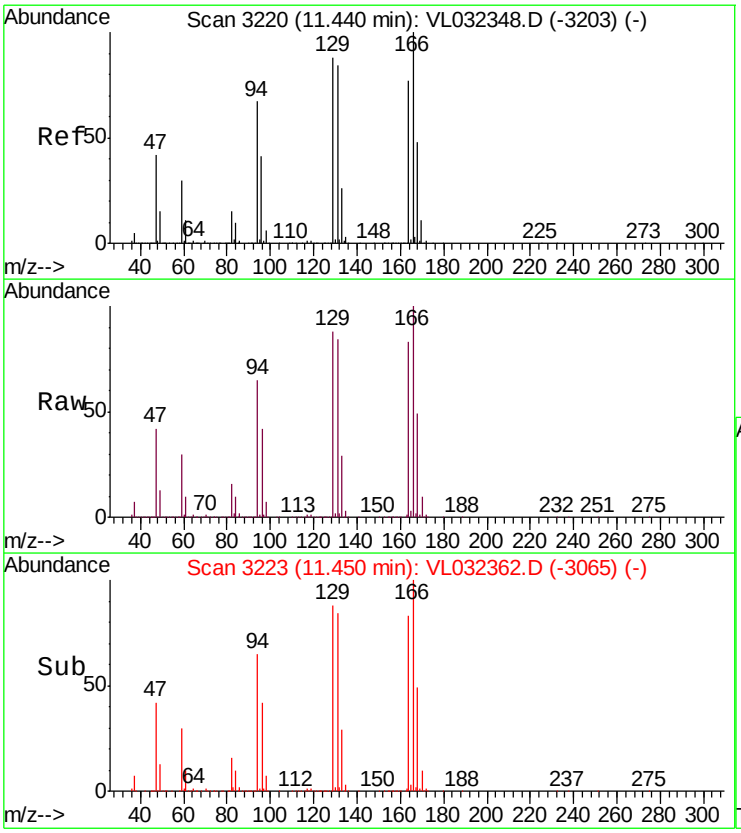
#51
2-Hexanone
Concen: 0.811 ppbv
RT: 10.34 min Scan# 2878
Delta R.T. 0.00 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Instrument :
MSVOA_L
ClientSampleId :
SS01-MIVI

Tgt Ion: 43 Resp: 247753

Ion	Ratio	Lower	Upper
43	100		
58	47.1	39.5	59.3
98	2.0	0.3	0.5#

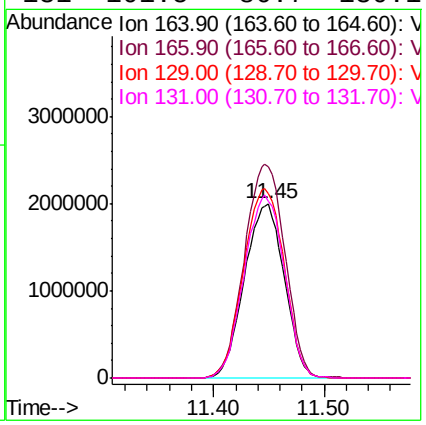


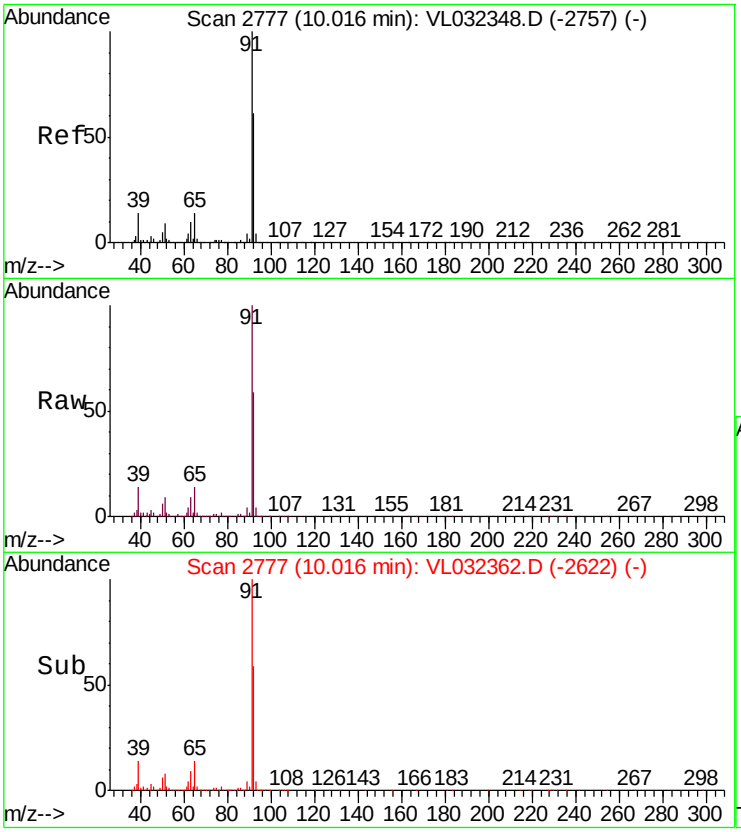


#52
Tetrachloroethene
Concen: 45.143 ppbv
RT: 11.45 min Scan# 3223
Delta R.T. 0.01 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Tgt Ion:164 Resp: 4993157

Ion	Ratio	Lower	Upper
164	100		
166	121.0	103.5	155.3
129	106.0	90.9	136.3
131	101.5	86.7	130.1



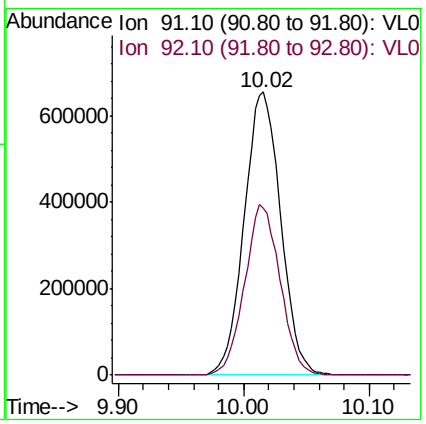


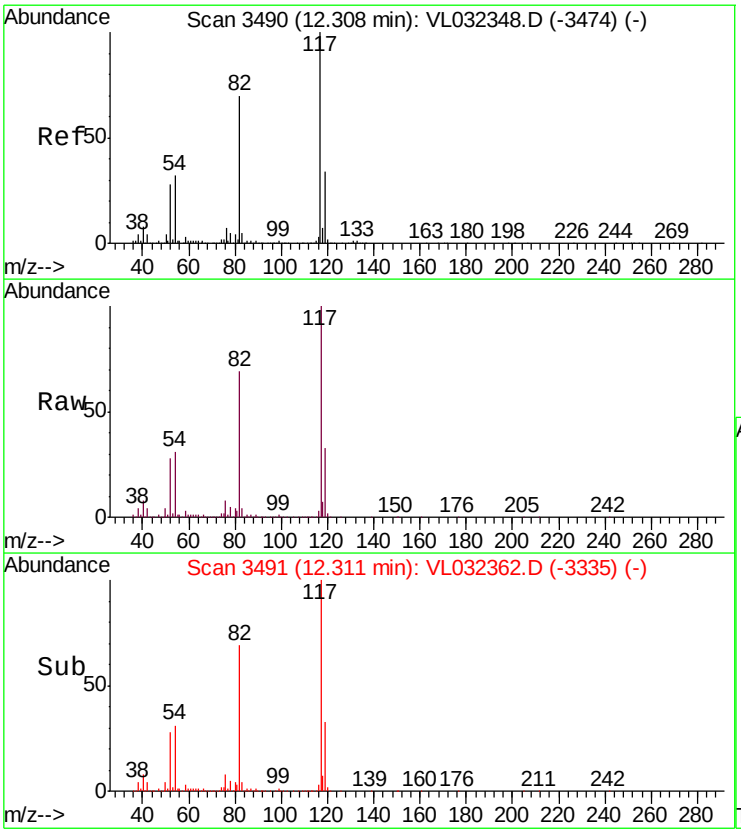
#53
Toluene
Concen: 3.229 ppbv
RT: 10.02 min Scan# 2777
Delta R.T. -0.00 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Instrument : MSVOA_L
ClientSampleId : SS01-MIVI

Tgt Ion: 91 Resp: 1327697

Ion	Ratio	Lower	Upper
91	100		
92	58.7	48.7	73.1

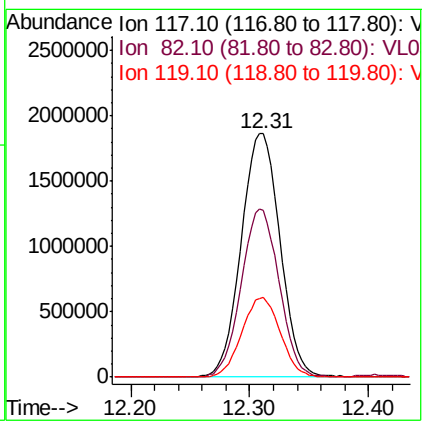


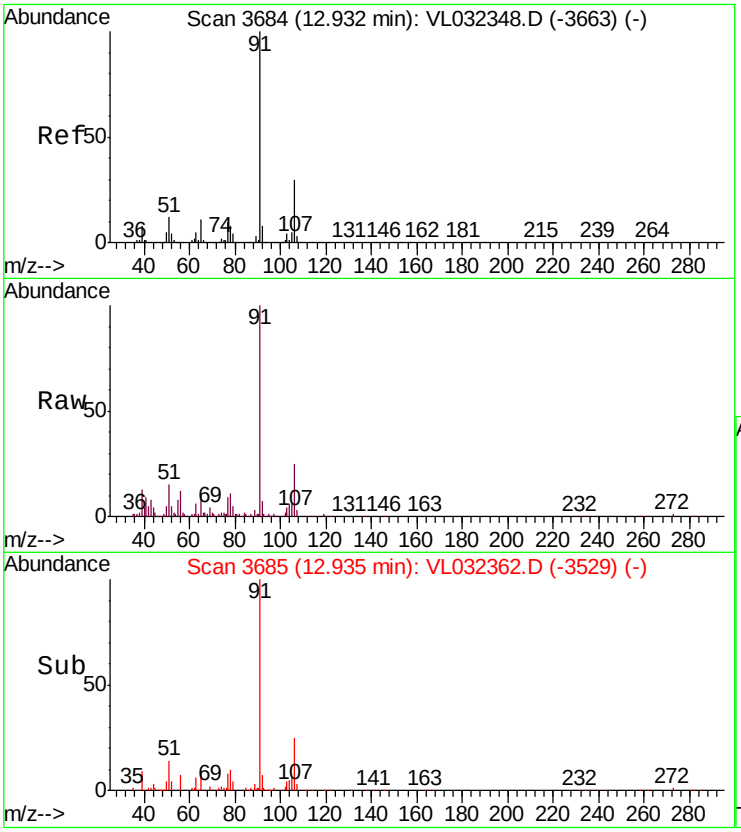


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.31 min Scan# 3491
Delta R.T. 0.00 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Tgt Ion:117 Resp: 4212723

Ion	Ratio	Lower	Upper
117	100		
82	67.5	55.1	82.7
119	32.5	46.0	69.0#



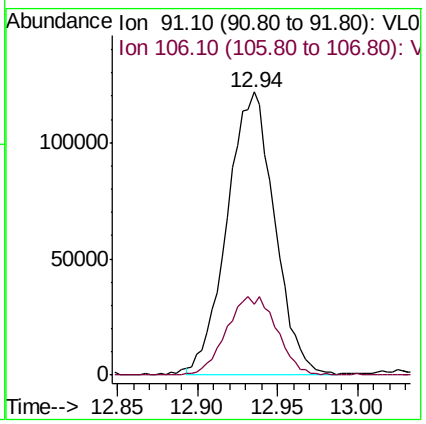


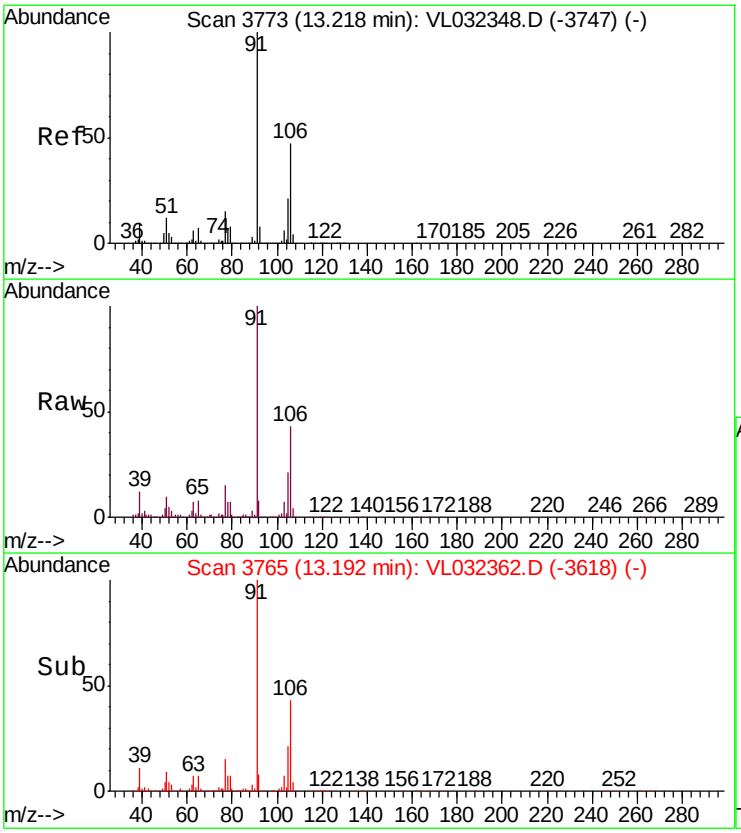
#58
Ethyl Benzene
Concen: 0.482 ppbv
RT: 12.94 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Instrument : MSVOA_L
ClientSampleId : SS01-MIVI

Tgt Ion: 91 Resp: 244525

Ion	Ratio	Lower	Upper
91	100		
106	25.1	24.3	36.5

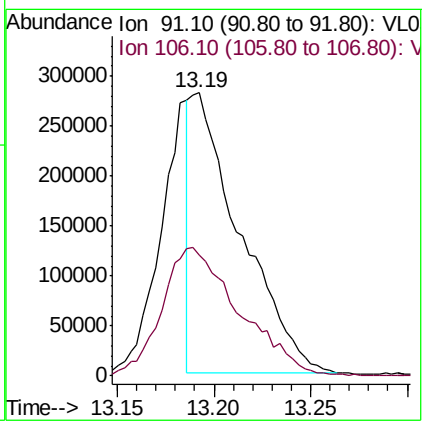


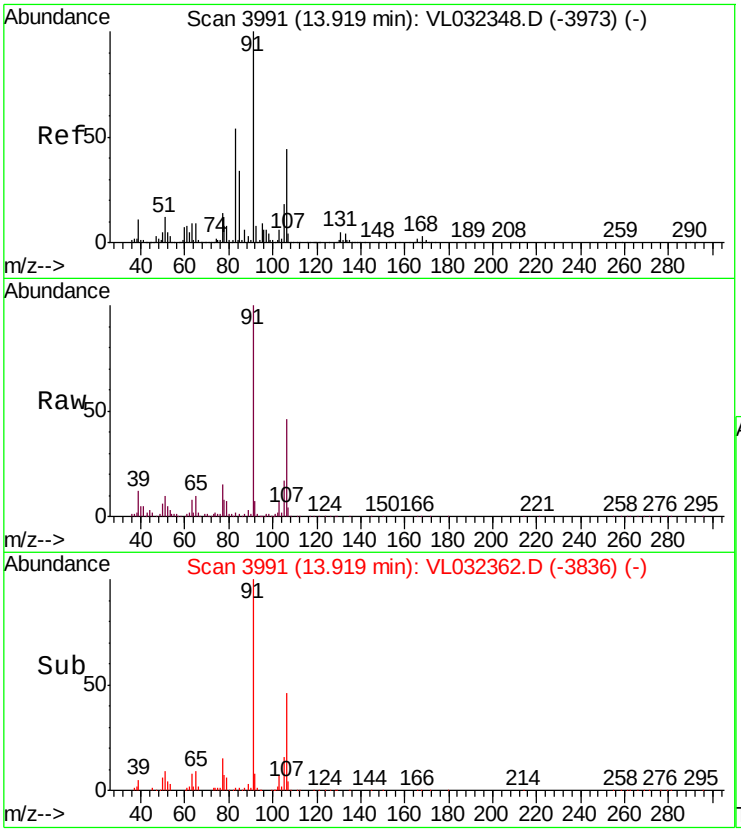


#59
m/p-Xylene
Concen: 1.147 ppbv
RT: 13.19 min Scan# 3765
Delta R.T. -0.03 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Tgt Ion: 91 Resp: 494008

Ion	Ratio	Lower	Upper
91	100		
106	73.0	37.0	55.4#



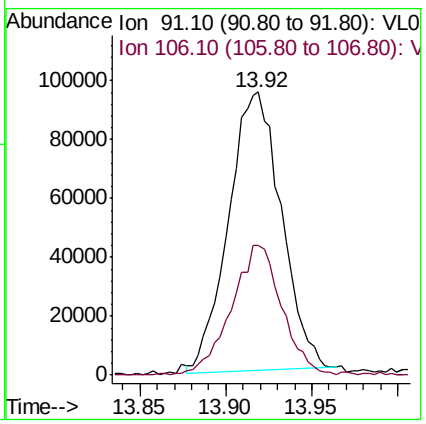


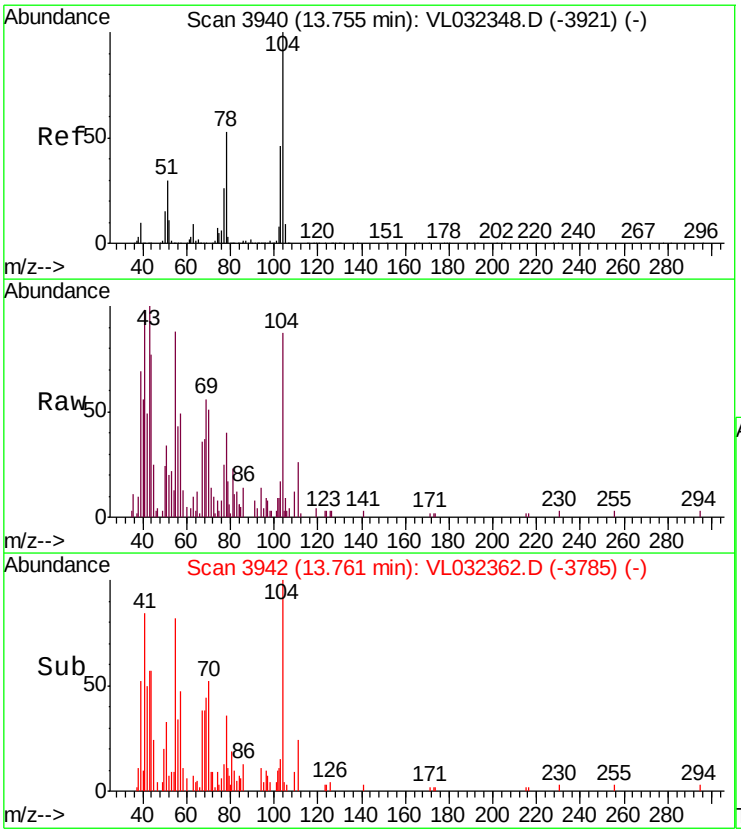
#60
o-Xylene
Concen: 0.477 ppbv
RT: 13.92 min Scan# 3991
Delta R.T. -0.00 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Instrument : MSVOA_L
ClientSampleId : SS01-MIVI

Tgt Ion: 91 Resp: 201868

Ion	Ratio	Lower	Upper
91	100		
106	45.3	22.3	66.8

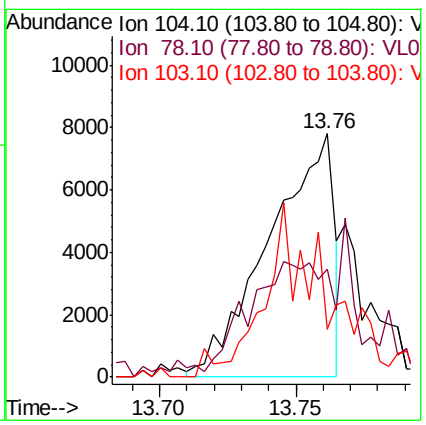


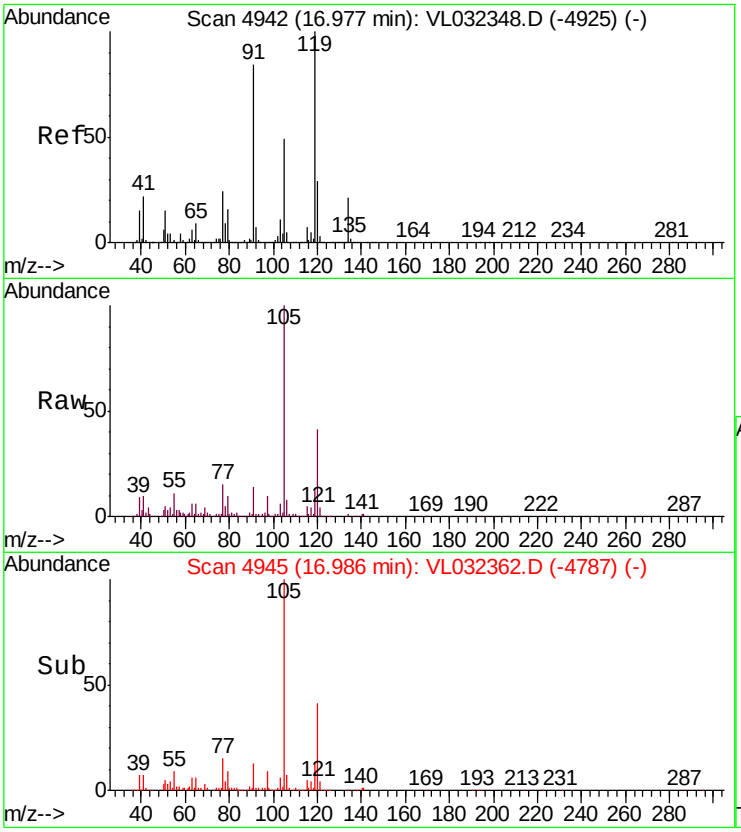


#61
Styrene
Concen: 0.043 ppbv
RT: 13.76 min Scan# 3942
Delta R.T. 0.01 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Tgt Ion:104 Resp: 12762

Ion	Ratio	Lower	Upper
104	100		
78	0.0	42.6	64.0#
103	70.0	38.0	57.0#



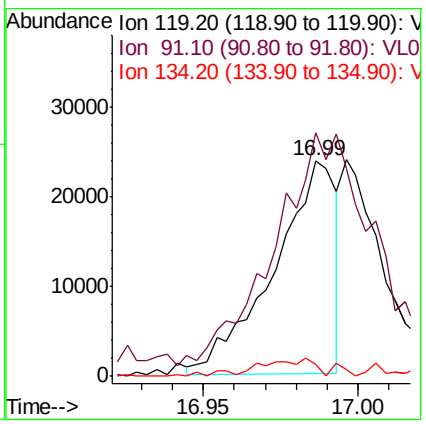


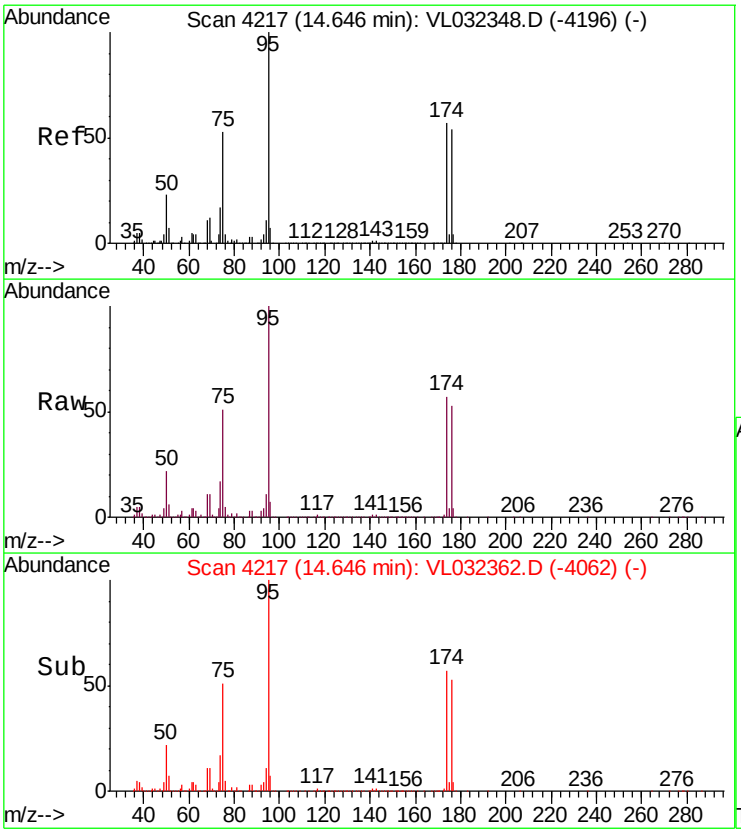
#65
tert-Butylbenzene
Concen: 0.064 ppbv
RT: 16.99 min Scan# 4945
Delta R.T. 0.01 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Instrument :
MSVOA_L
ClientSampleId :
SS01-MIVI

Tgt Ion:119 Resp: 32984

Ion	Ratio	Lower	Upper
119	100		
91	217.9	67.4	101.0#
134	12.2	15.8	23.6#

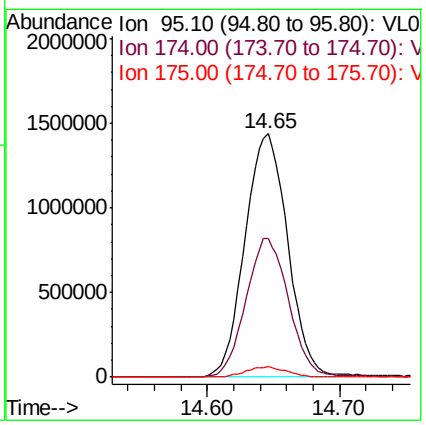


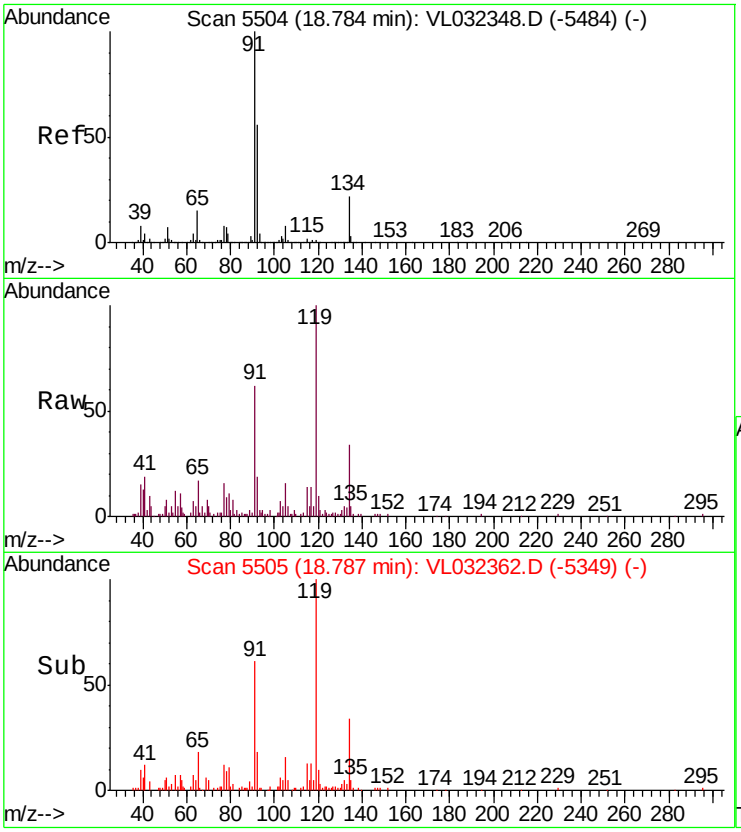


#68
1-Bromo-4-Fluorobenzene
Concen: 10.035 ppbv
RT: 14.65 min Scan# 4217
Delta R.T. -0.00 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Tgt Ion: 95 Resp: 3225199

Ion	Ratio	Lower	Upper
95	100		
174	57.8	46.2	69.4
175	4.1	3.4	5.0



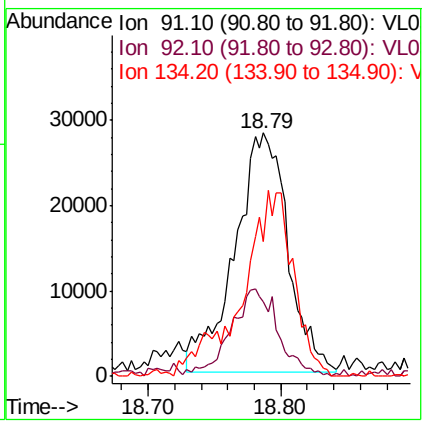


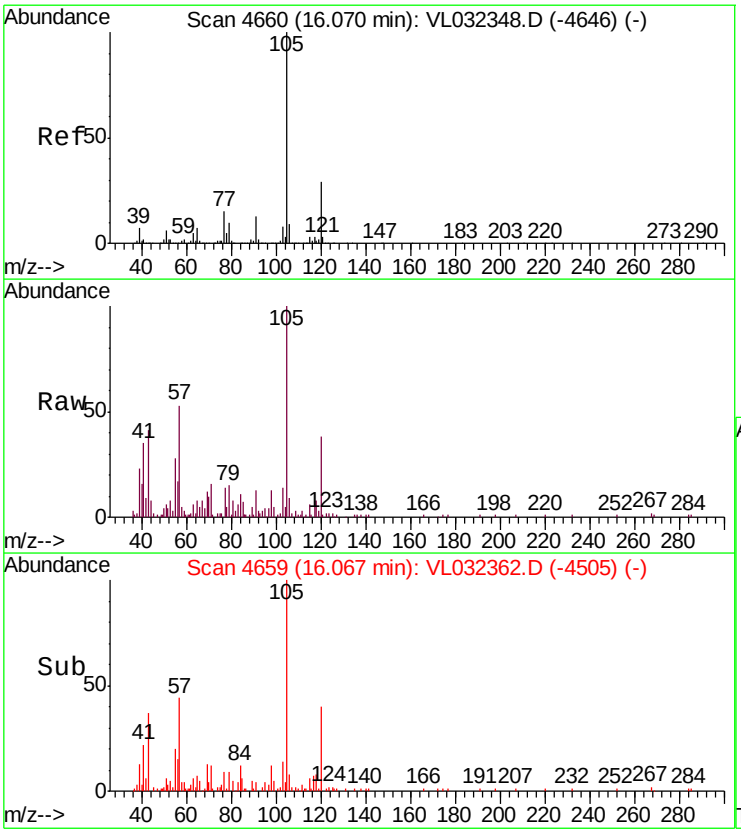
#70
n-Butylbenzene
Concen: 0.122 ppbv
RT: 18.79 min Scan# 5505
Delta R.T. 0.00 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Instrument :
MSVOA_L
ClientSampleId :
SS01-MIVI

Tgt Ion: 91 Resp: 78582

Ion	Ratio	Lower	Upper
91	100		
92	35.5	43.9	65.9#
134	75.2	17.3	25.9#

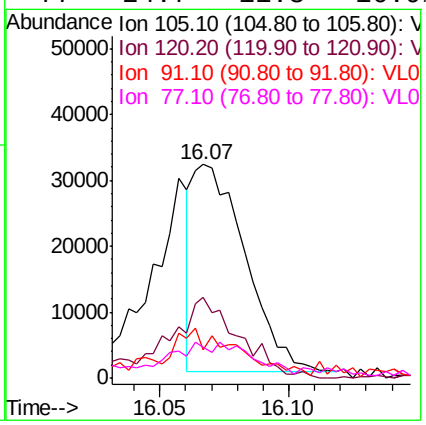


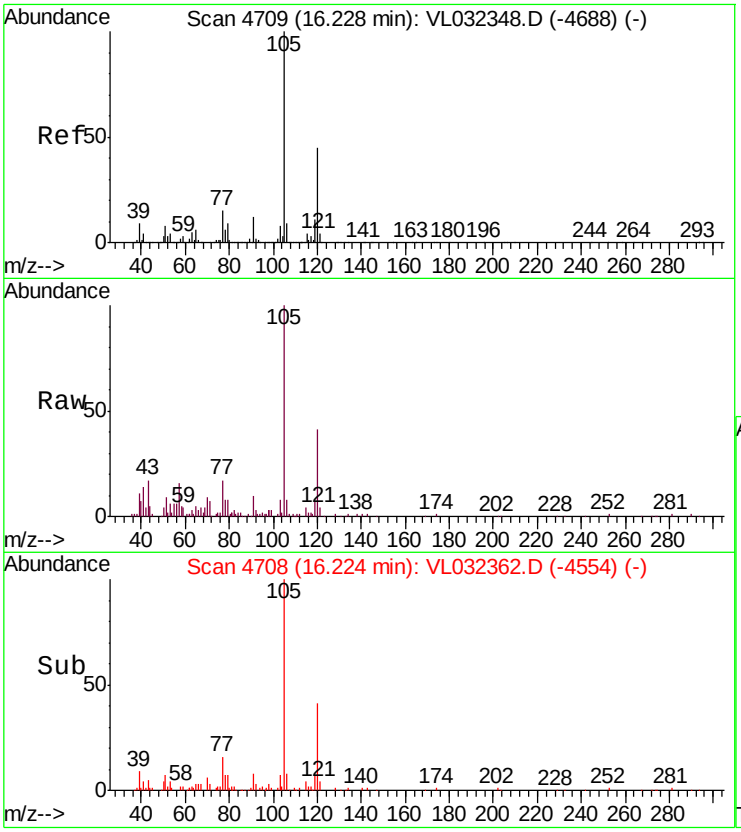


#72
4-Ethyltoluene
Concen: 0.094 ppbv
RT: 16.07 min Scan# 4659
Delta R.T. -0.00 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Tgt Ion:105 Resp: 44430

Ion	Ratio	Lower	Upper
105	100		
120	49.7	23.4	35.0#
91	30.2	10.0	15.0#
77	24.7	11.3	16.9#



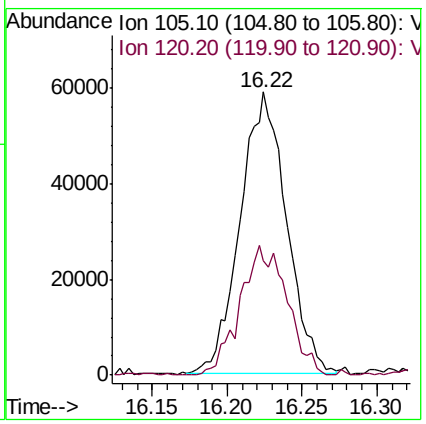


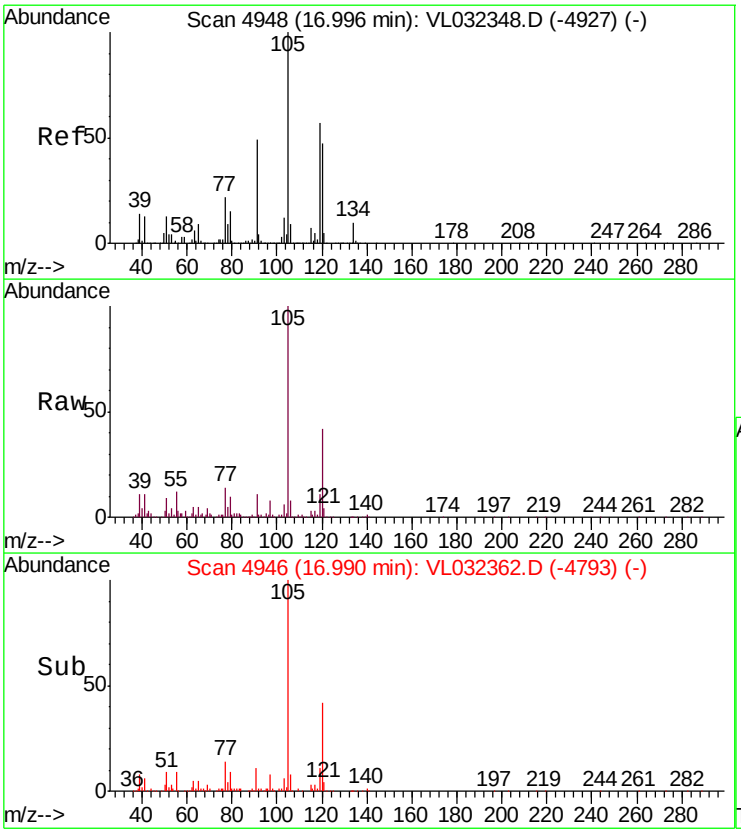
#73
1,3,5-Trimethylbenzene
Concen: 0.279 ppbv
RT: 16.22 min Scan# 4708
Delta R.T. -0.00 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Instrument :
MSVOA_L
ClientSampleId :
SS01-MIVI

Tgt Ion:105 Resp: 126663

Ion	Ratio	Lower	Upper
105	100		
120	40.7	36.3	54.5

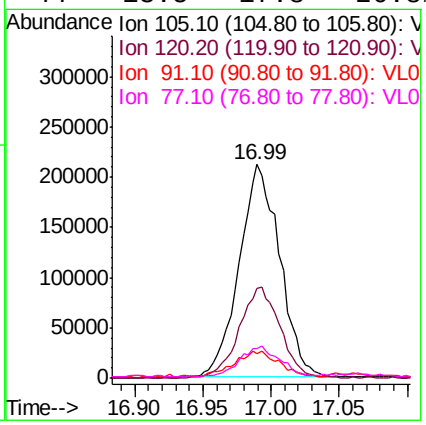


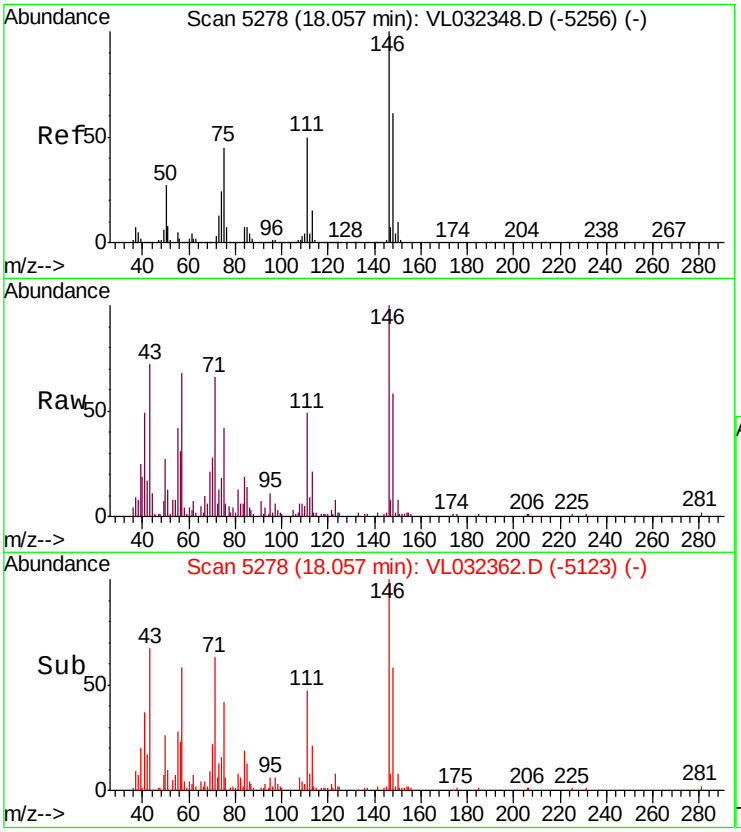


#74
1,2,4-Trimethylbenzene
Concen: 0.903 ppbv
RT: 16.99 min Scan# 4946
Delta R.T. -0.01 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Tgt Ion:105 Resp: 436448

Ion	Ratio	Lower	Upper
105	100		
120	41.9	37.6	56.4
91	10.0	39.9	59.9#
77	13.5	17.8	26.8#



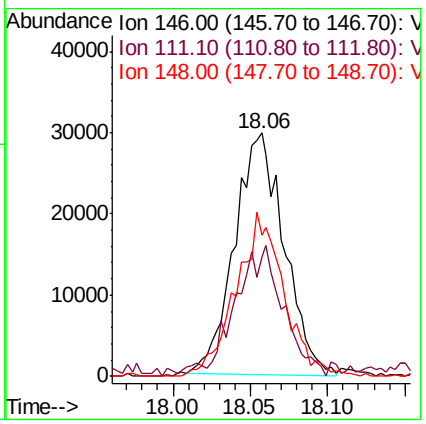


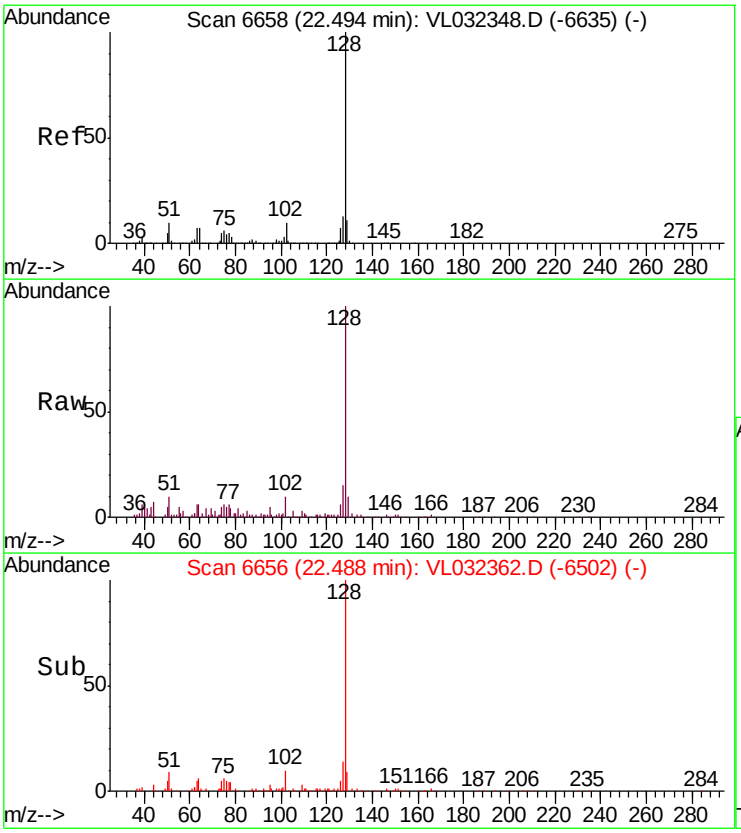
#77
1,2-Dichlorobenzene
Concen: 0.240 ppbv
RT: 18.06 min Scan# 5278
Delta R.T. -0.00 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Instrument :
MSVOA_L
ClientSampleId :
SS01-MIVI

Tgt Ion:146 Resp: 66499

Ion	Ratio	Lower	Upper
146	100		
111	53.6	25.2	75.6
148	65.1	31.8	95.4

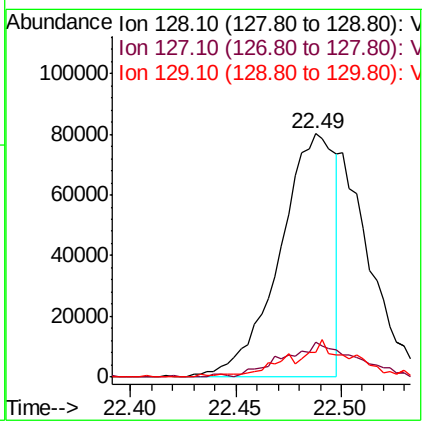


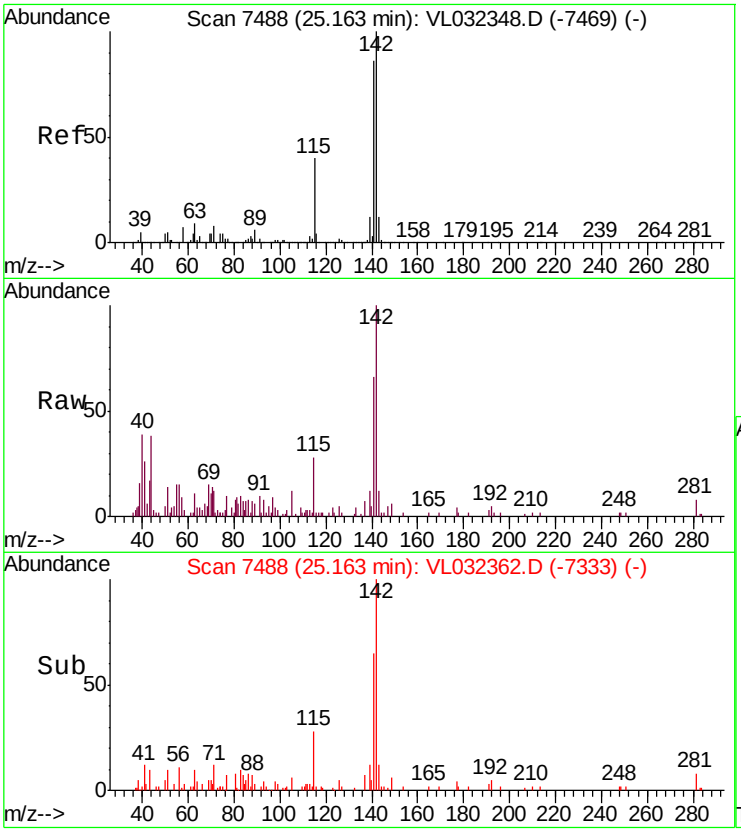


#79
Naphthalene
Concen: 0.638 ppbv
RT: 22.49 min Scan# 6656
Delta R.T. -0.01 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Tgt Ion:128 Resp: 144942

Ion	Ratio	Lower	Upper
128	100		
127	14.6	10.3	15.5
129	10.1	8.6	13.0





#80
Naphthalene,2-methyl-
Concen: 0.246 ppbv
RT: 25.16 min Scan# 7488
Delta R.T. -0.00 min
Lab File: VL032362.D
Acq: 15 Aug 2018 21:52

Instrument :
MSVOA_L
ClientSampleId :
SS01-MIVI

Tgt Ion:142 Resp: 23706

Ion	Ratio	Lower	Upper
142	100		
141	91.4	66.7	100.1
115	50.1	31.0	46.6#