Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040419\

Quantitation Report (Not Reviewed)

Data File : VL033556.D
Acq On : 5 Apr 2019 6:07
Operator : SY/AP
Sample : K2226-04
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV4

Quant Time: Apr 05 06:46:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 26 16:00:50 2019
QLast Update : Tue Mar 26 16:00:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.76	49	1108910	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.29	114	2771805	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.23	117	2925618	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.57	95	2264904	9.87	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.07	85	44196	0.273	ppbv		99
3) Chlorodifluoromethane	3.01	51	15454	0.121	ppbv	#	91
4) Chloromethane	3.17	50	19246	0.285	ppbv		96
7) Chloroethane	3.60	64	1148	0.046	ppbv	#	75
9) Propene	3.03	41	1718753	32.058	ppbv		99
10) Heptane	8.24	43	131009	0.914	ppbv		99
11) Trichlorofluoromethane	4.00	101	39648	0.199	ppbv		95
12) 1,1,2-Trichlorotrifluoroet	4.55	101	6243	0.047	ppbv		97
13) Ethanol	3.65	45	201599	14.531	ppbv		66
15) Acetone	3.89	43	6484891	48.636	ppbv		93
16) 1,3-Butadiene	3.34	39	1436534	27.163	ppbv	#	33
17) tert-Butyl alcohol	4.36	59	68955	2.813	ppbv		95
19) Isopropyl Alcohol	4.03	45	12145	0.144	ppbv	#	95
20) Methylene Chloride	4.41	84	231026	4.082	ppbv		97
21) Allyl Chloride	4.46	41	38912	0.462	ppbv	#	1
23) Vinyl Acetate	5.14	43	63898	0.337	ppbv	#	1
25) Ethyl Acetate	5.76	43	1106784	4.474	ppbv		96
26) Hexane	5.78	57	339242	3.084	ppbv	#	60
27) Carbon Disulfide	4.62	76	232022	1.774	ppbv		99
29) Chloroform	5.85	83	36850	0.195	ppbv	#	80
30) Cyclohexane	7.25	84	39542	0.454	ppbv	#	80
34) 2-Butanone	5.33	43	369198	2.217	ppbv		97
36) Benzene	7.00	78	409604	1.761	ppbv		96
38) Trichloroethene	7.96	130	12623	0.144	ppbv	#	79
39) 1,2-Dichloropropane	7.29	63	644778	7.077	ppbv	#	23
50) 4-Methyl-2-Pentanone	8.87	43	13010	0.053	ppbv	#	40
51) 2-Hexanone	10.19	43	12887	0.071	ppbv	#	74
52) Tetrachloroethene	11.37	164	38102	0.434	ppbv		95
53) Toluene	9.94	91	942305	3.487	ppbv		100
58) Ethyl Benzene	12.86	91	340346	0.871	ppbv		98
59) m/p-Xylene	13.11	91	783122	2.244	ppbv	#	100
60) o-Xylene	13.84	91	228509	0.677	ppbv		97
61) Styrene	13.68	104	64365	0.278	ppbv		92
63) 1,1,2,2-Tetrachloroethane	13.83	83	116409	0.468	ppbv	#	27
64) n-propylbenzene	15.72	120	23934	0.197	ppbv	#	38
70) n-Butylbenzene	18.75	91	124967	0.242	ppbv	#	91
72) 4-Ethyltoluene	15.99	105	33319	0.088	ppbv	#	56
73) 1,3,5-Trimethylbenzene	16.15	105	38124	0.105	ppbv		99
74) 1,2,4-Trimethylbenzene	16.93	105	205268	0.528	ppbv	#	68
75) 1,3-Dichlorobenzene	17.17	146	68687	0.286	ppbv	#	56
76) 1,4-Dichlorobenzene	17.17	146	68687	0.293	ppbv	#	76

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040419\

Quantitation Report (Not Reviewed)

Data File : VL033556.D
Acq On : 5 Apr 2019 6:07
Operator : SY/AP
Sample : K2226-04
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV4

Quant Time: Apr 05 06:46:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 26 16:00:50 2019
QLast Update : Tue Mar 26 16:00:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) Naphthalene	22.42	128	33121	0.099	ppbv	97

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL040419\

Quantitation Report (Not Reviewed)

Data File : VL033556.D
Acq On : 5 Apr 2019 6:07
Operator : SY/AP
Sample : K2226-04
Misc : 400ml/MSVOA_L
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Instrument : MSVOA_L
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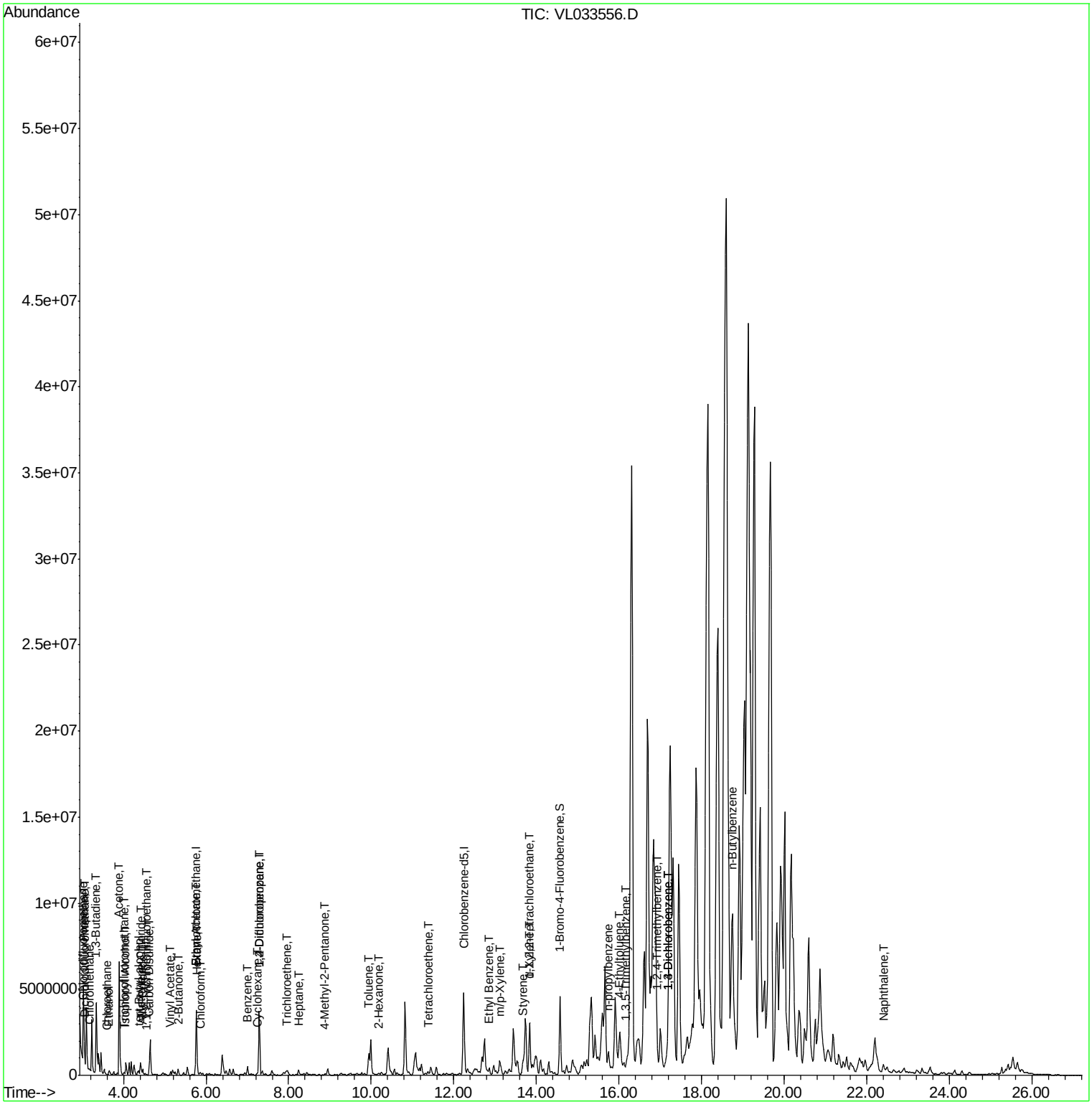
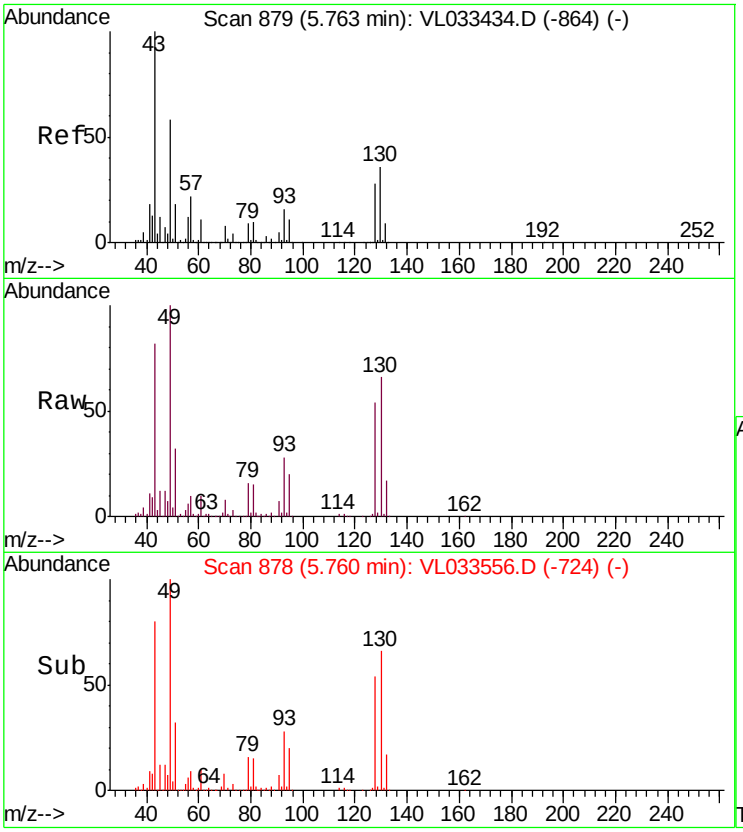
Quant Time: Apr 05 06:46:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 26 16:00:50 2019
QLast Update : Tue Mar 26 16:00:50 2019
Response via : Initial Calibration



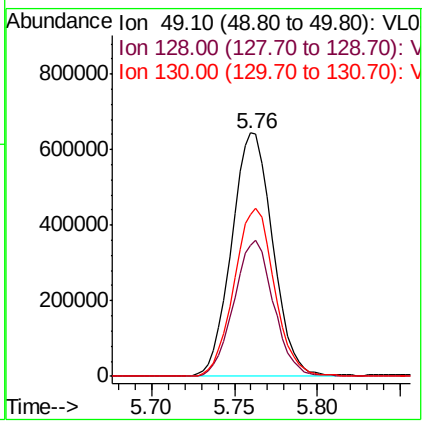


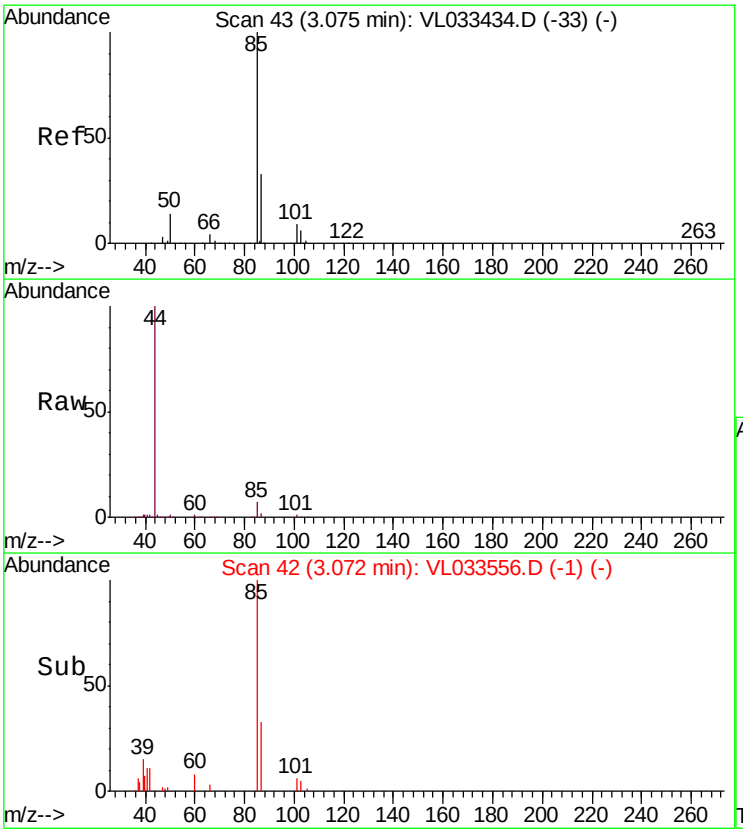
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 878
Delta R.T. -0.00 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Instrument : MSVOA_L
ClientSampleId : SV4

Tgt Ion: 49 Resp: 1108910

Ion	Ratio	Lower	Upper
49	100		
128	54.1	24.0	72.0
130	67.9	31.2	93.6

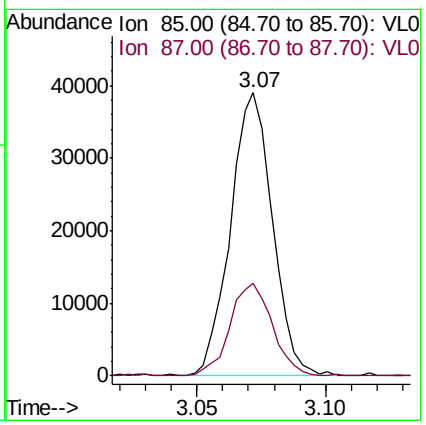


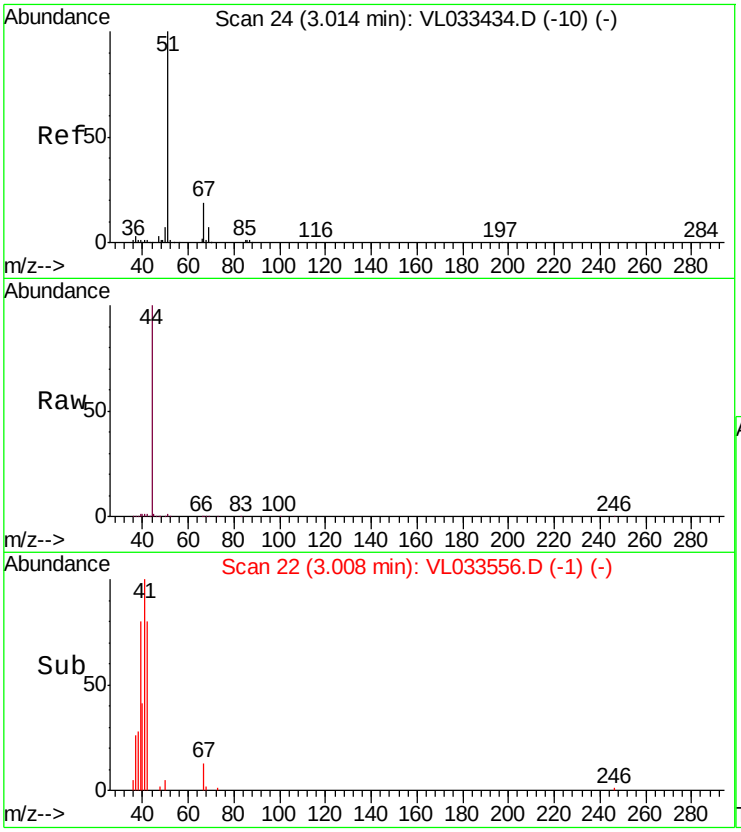


#2
Dichlorodifluoromethane
Concen: 0.273 ppbv
RT: 3.07 min Scan# 42
Delta R.T. -0.00 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Tgt Ion: 85 Resp: 44196

Ion	Ratio	Lower	Upper
85	100		
87	32.9	26.7	40.1



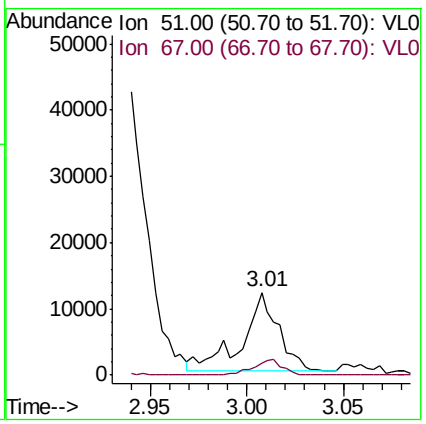


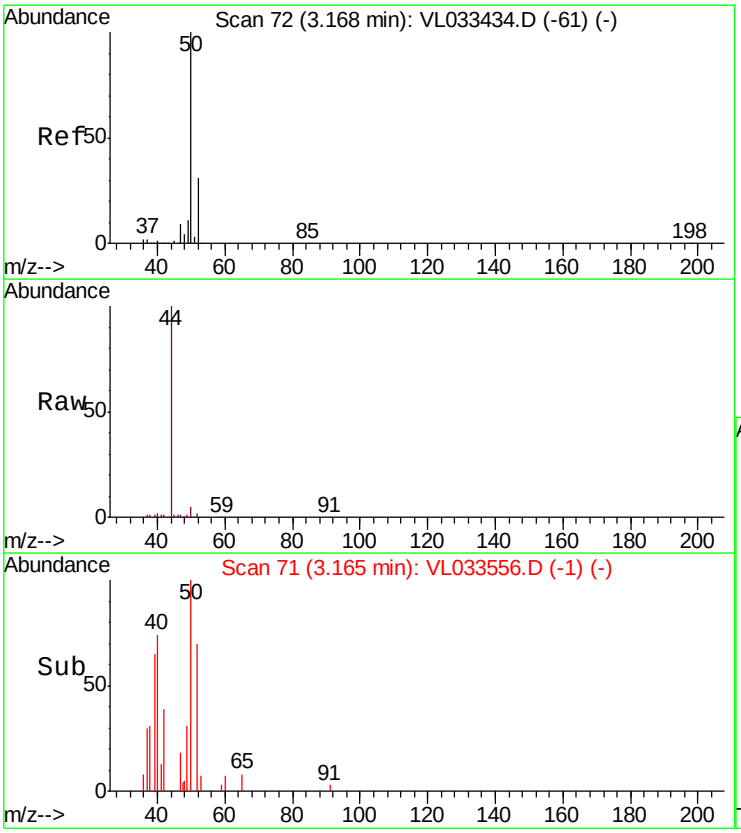
#3
Chlorodifluoromethane
Concen: 0.121 ppbv
RT: 3.01 min Scan# 22
Delta R.T. -0.01 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Instrument : MSVOA_L
ClientSampleId : SV4

Tgt Ion: 51 Resp: 15454

Ion	Ratio	Lower	Upper
51	100		
67	15.6	15.7	23.5#

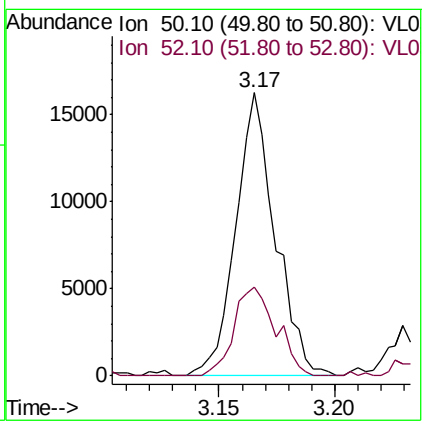


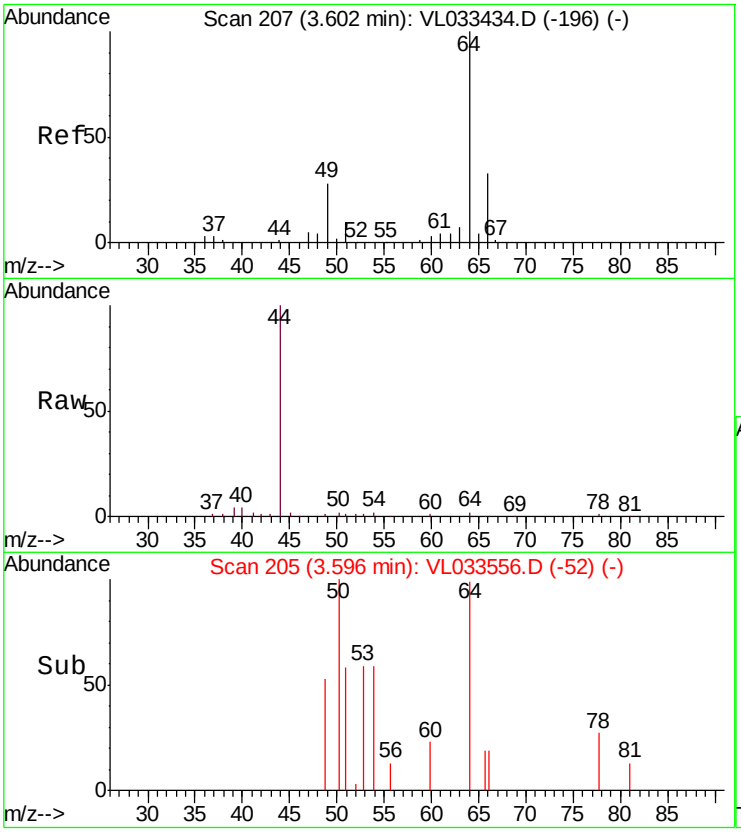


#4
Chloromethane
Concen: 0.285 ppbv
RT: 3.17 min Scan# 71
Delta R.T. -0.00 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Tgt Ion: 50 Resp: 19246

Ion	Ratio	Lower	Upper
50	100		
52	33.7	25.0	37.6



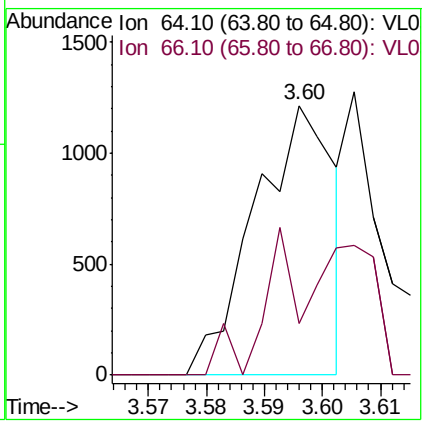


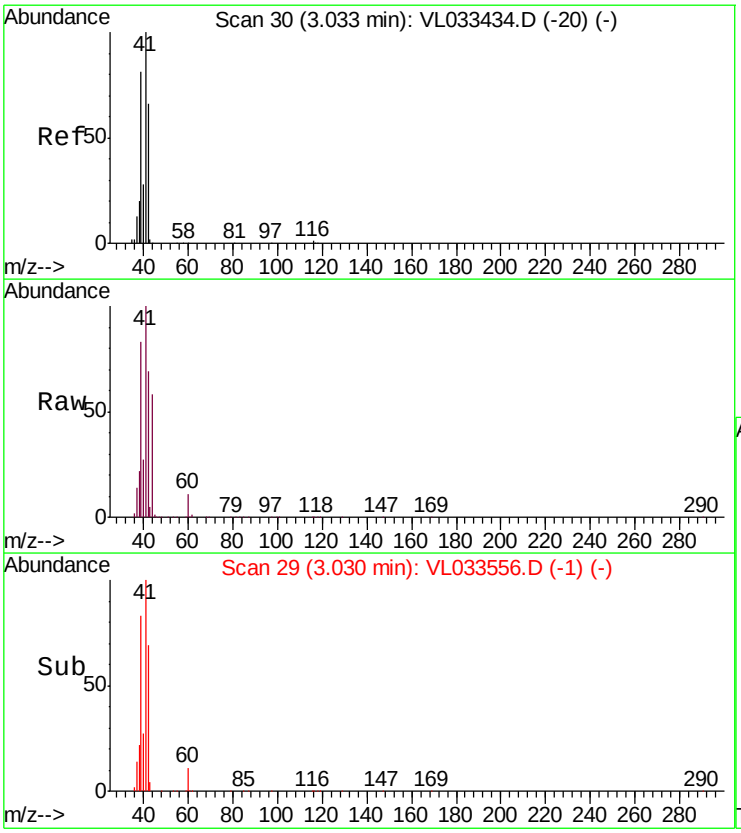
#7
Chloroethane
Concen: 0.046 ppbv
RT: 3.60 min Scan# 205
Delta R.T. -0.01 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Instrument :
MSVOA_L
ClientSampleId :
SV4

Tgt Ion: 64 Resp: 1148

Ion	Ratio	Lower	Upper
64	100		
66	19.1	26.7	40.1#

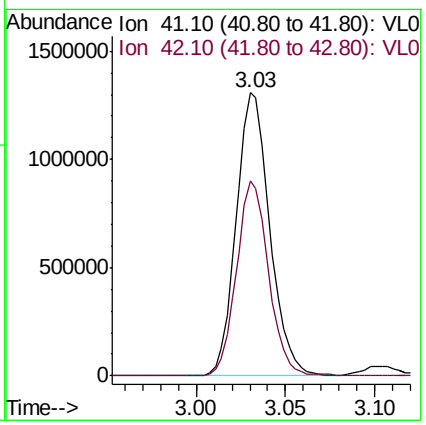


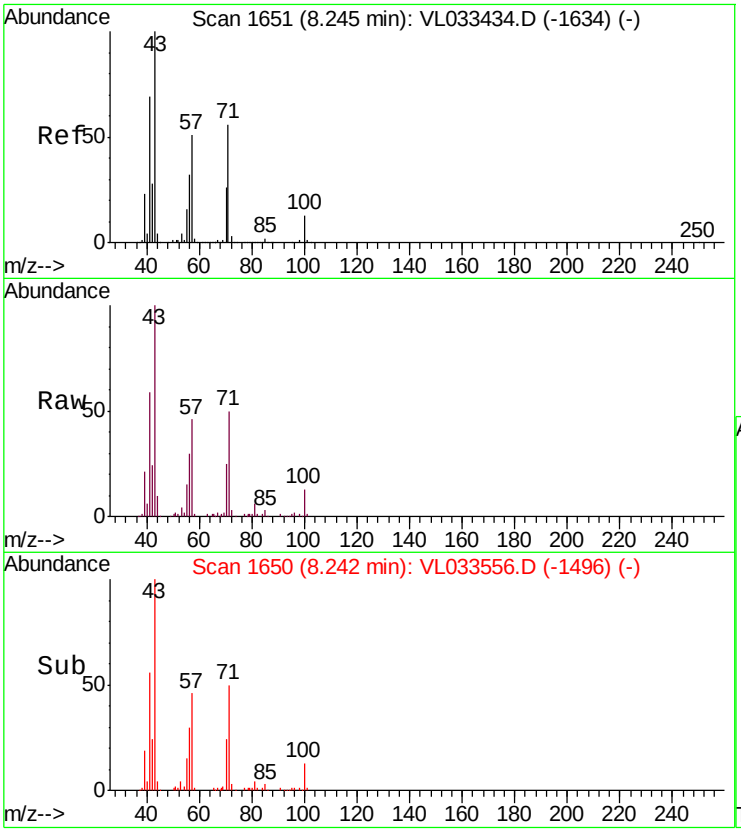


#9
Propene
Concen: 32.058 ppbv
RT: 3.03 min Scan# 29
Delta R.T. -0.00 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Tgt Ion: 41 Resp: 1718753

Ion	Ratio	Lower	Upper
41	100		
42	66.3	53.9	80.9



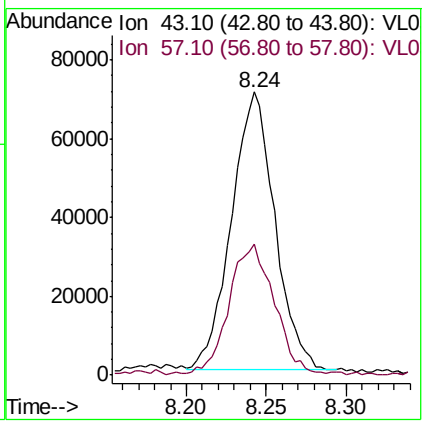


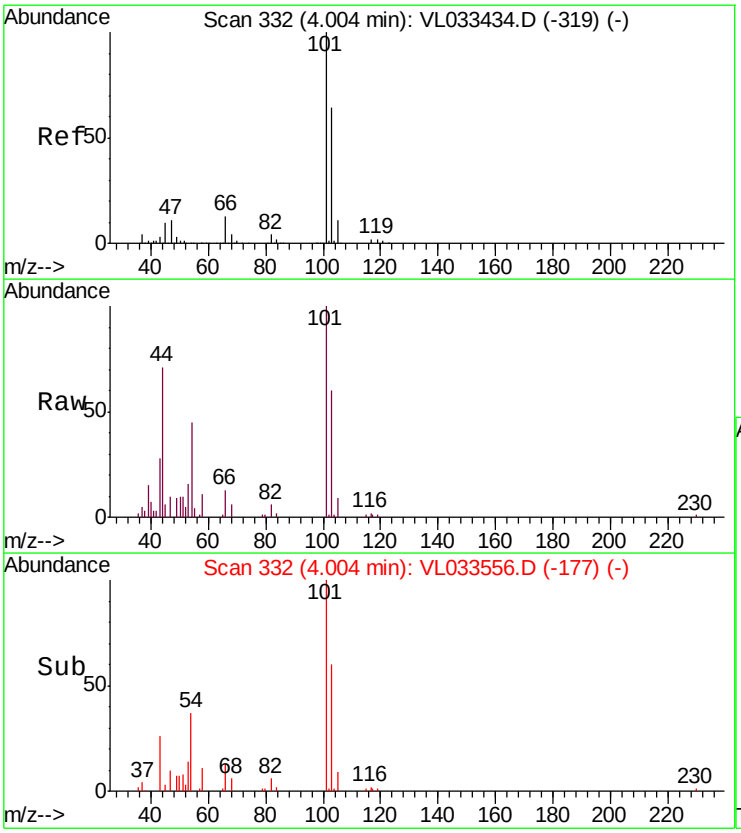
#10
Heptane
Concen: 0.914 ppbv
RT: 8.24 min Scan# 1650
Delta R.T. -0.00 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Instrument :
MSVOA_L
ClientSampleId :
SV4

Tgt Ion: 43 Resp: 131009

Ion	Ratio	Lower	Upper
43	100		
57	51.7	40.6	60.8

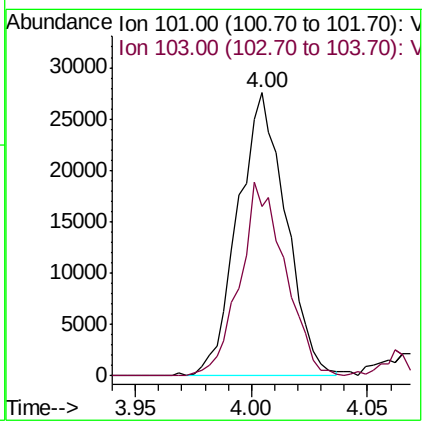


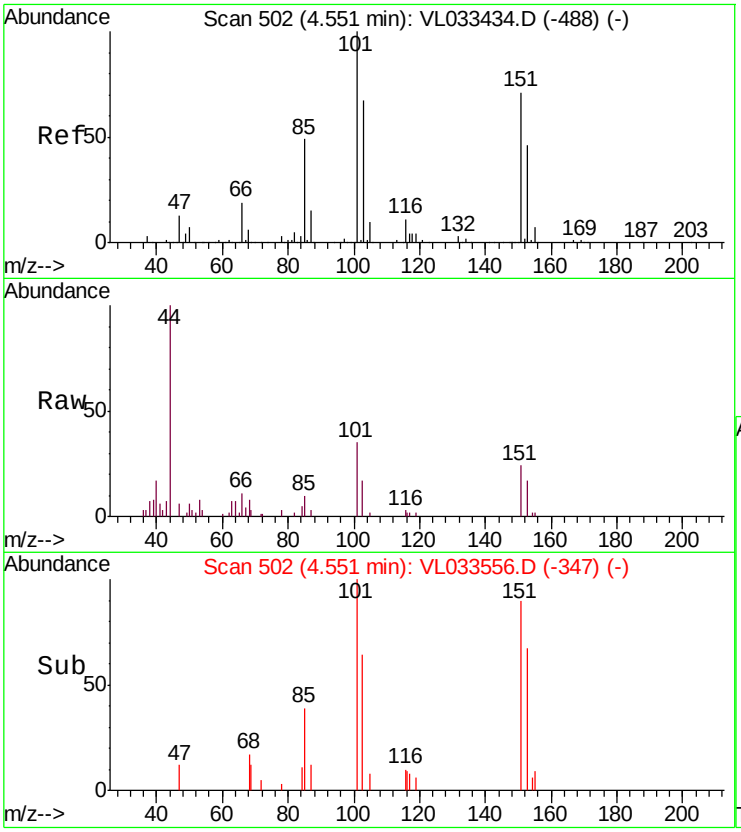


#11
Trichlorofluoromethane
Concen: 0.199 ppbv
RT: 4.00 min Scan# 332
Delta R.T. -0.00 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Tgt Ion:101 Resp: 39648

Ion	Ratio	Lower	Upper
101	100		
103	59.8	51.3	76.9



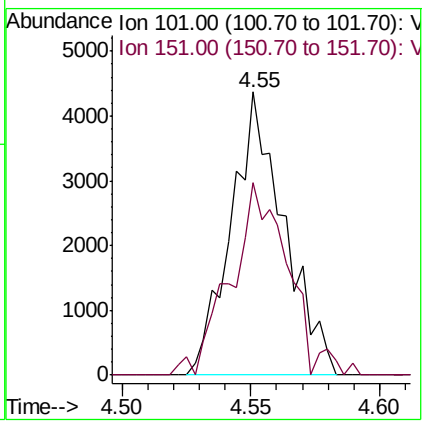


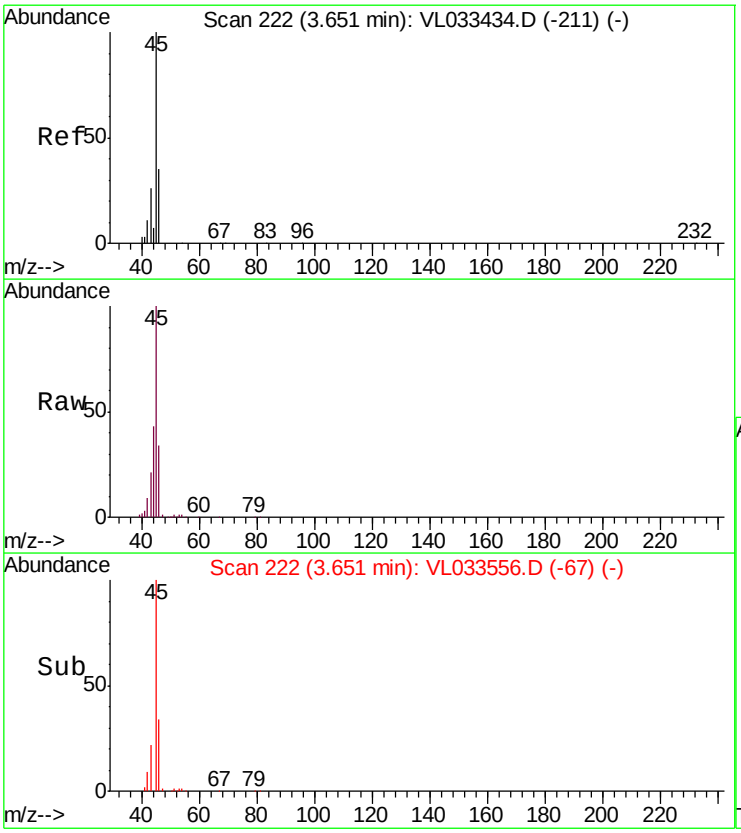
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.047 ppbv
RT: 4.55 min Scan# 502
Delta R.T. -0.00 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Instrument :
MSVOA_L
ClientSampleId :
SV4

Tgt Ion:101 Resp: 6243

Ion	Ratio	Lower	Upper
101	100		
151	74.3	57.7	86.5

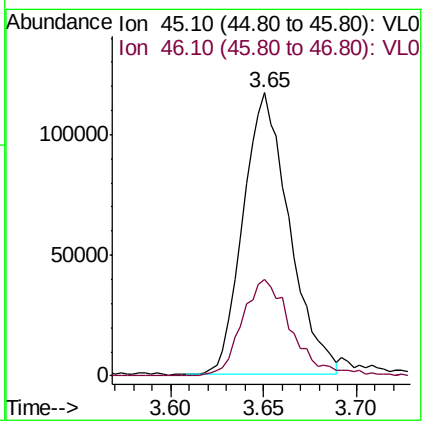


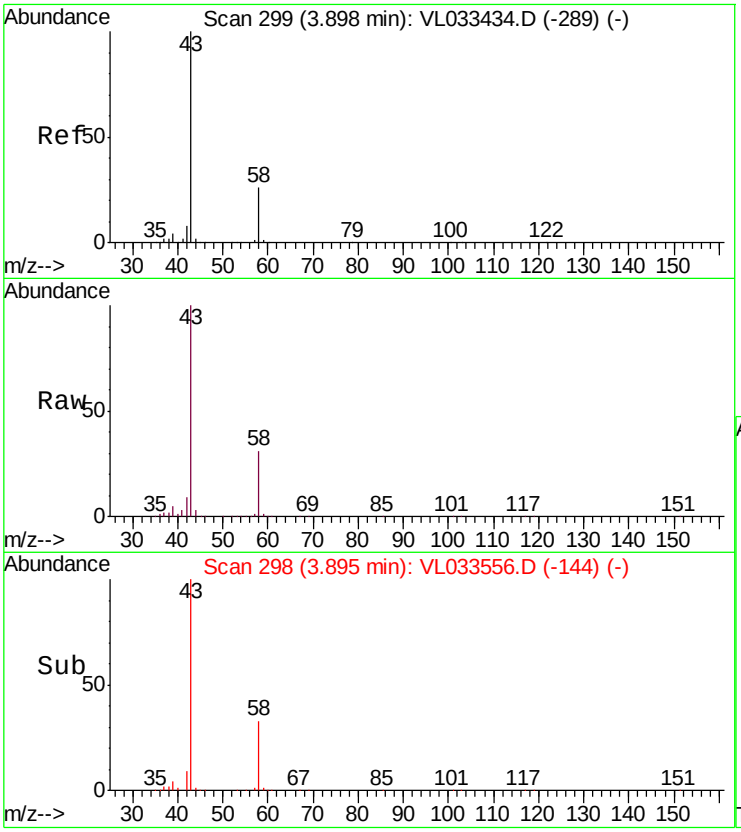


#13
Ethanol
Concen: 14.531 ppbv
RT: 3.65 min Scan# 222
Delta R.T. -0.00 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Tgt Ion: 45 Resp: 201599

Ion	Ratio	Lower	Upper
45	100		
46	36.7	25.4	101.8



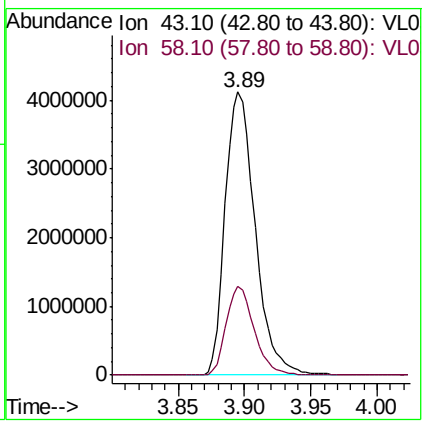


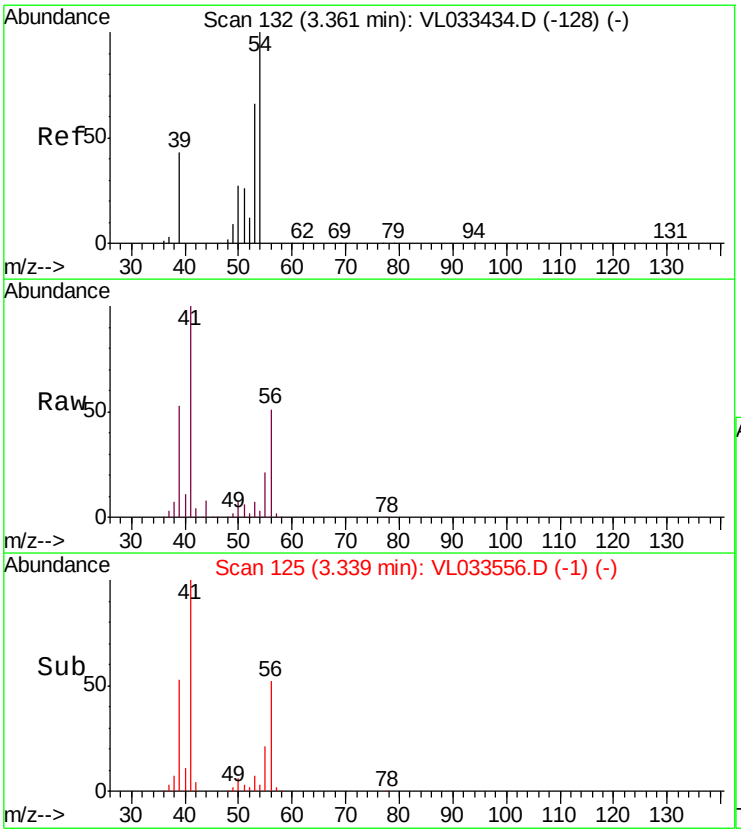
#15
Acetone
Concen: 48.636 ppbv
RT: 3.89 min Scan# 298
Delta R.T. -0.00 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Instrument :
MSVOA_L
ClientSampleId :
SV4

Tgt Ion: 43 Resp: 6484891

Ion	Ratio	Lower	Upper
43	100		
58	29.3	20.5	30.7

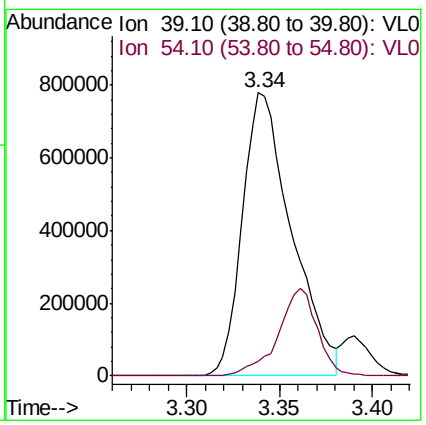


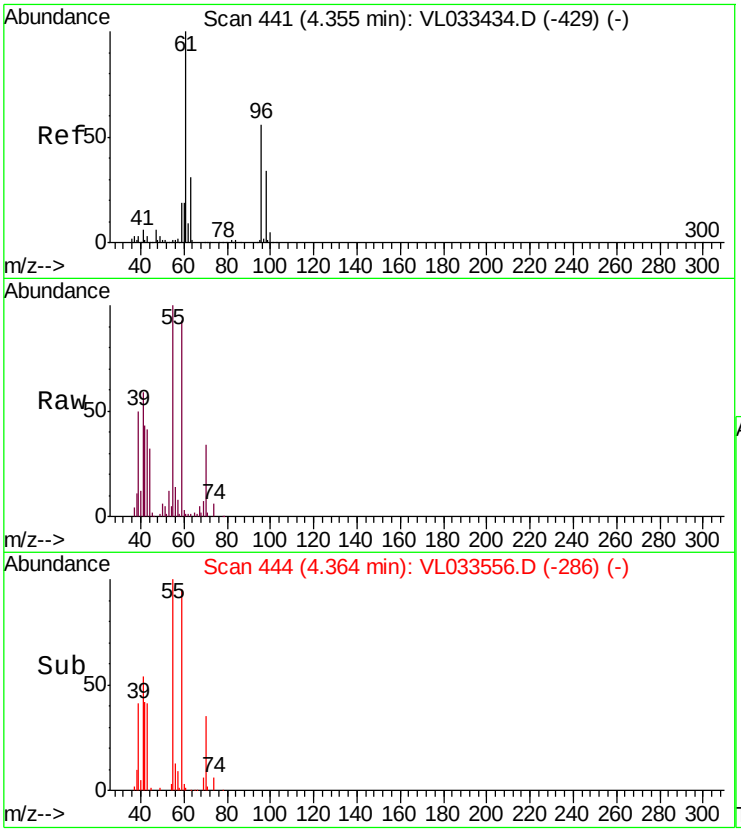


#16
1,3-Butadiene
Concen: 27.163 ppbv
RT: 3.34 min Scan# 125
Delta R.T. -0.02 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Tgt Ion: 39 Resp: 1436534

Ion	Ratio	Lower	Upper
39	100		
54	24.8	69.4	104.2#



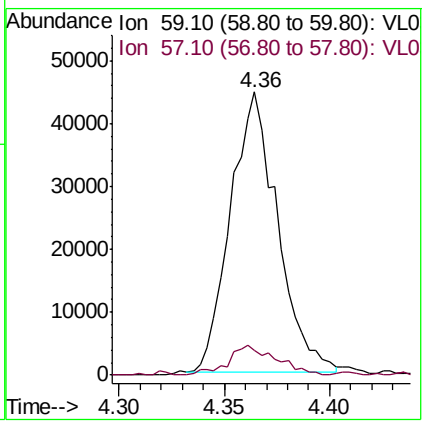


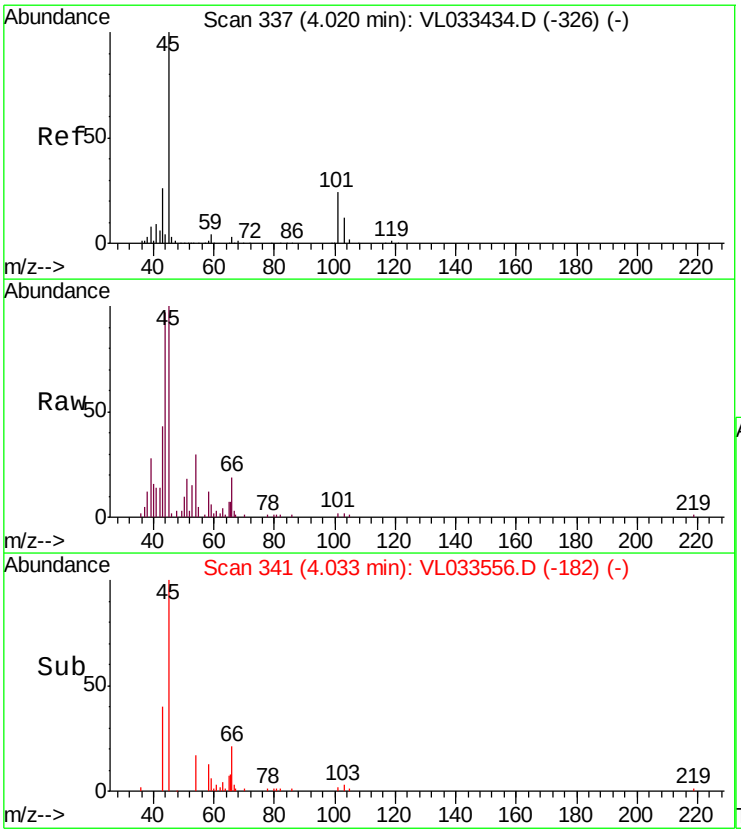
#17
tert-Butyl alcohol
Concen: 2.813 ppbv
RT: 4.36 min Scan# 444
Delta R.T. 0.01 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Instrument :
MSVOA_L
ClientSampleId :
SV4

Tgt Ion: 59 Resp: 68955

Ion	Ratio	Lower	Upper
59	100		
57	11.7	7.8	11.8

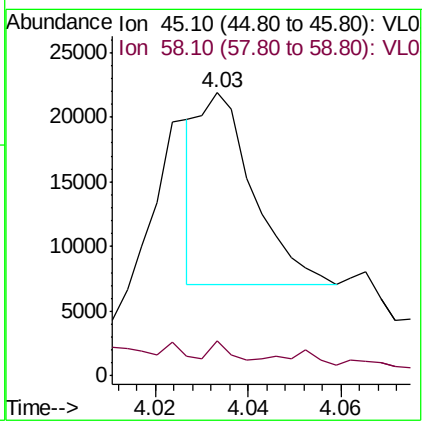


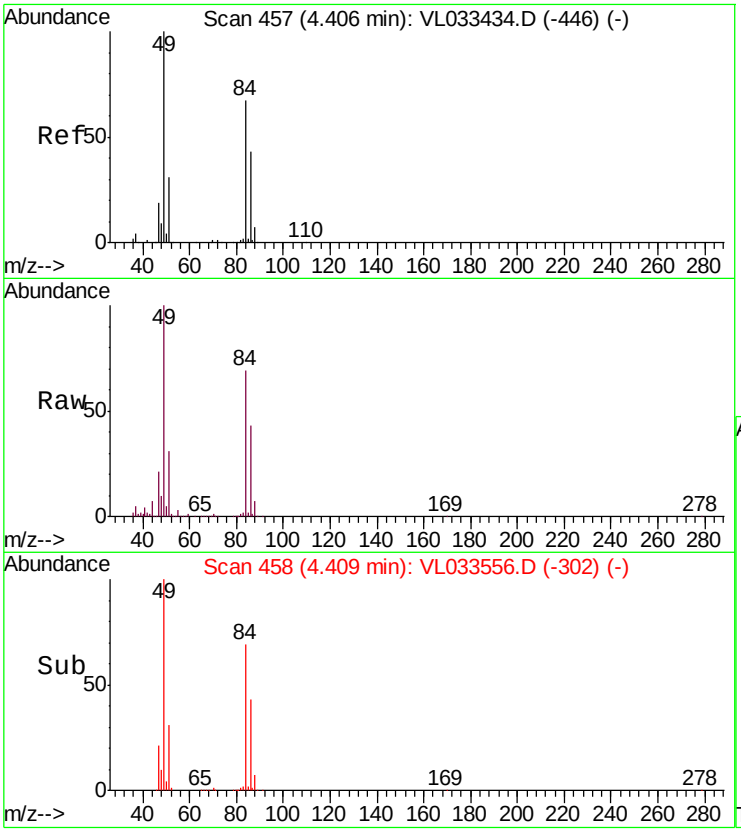


#19
Isopropyl Alcohol
Concen: 0.144 ppbv
RT: 4.03 min Scan# 341
Delta R.T. 0.01 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Tgt Ion: 45 Resp: 12145

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.4	2.2#



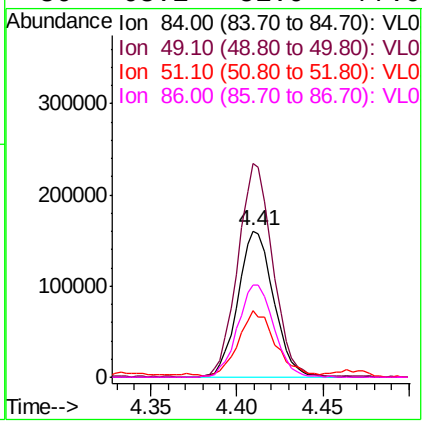


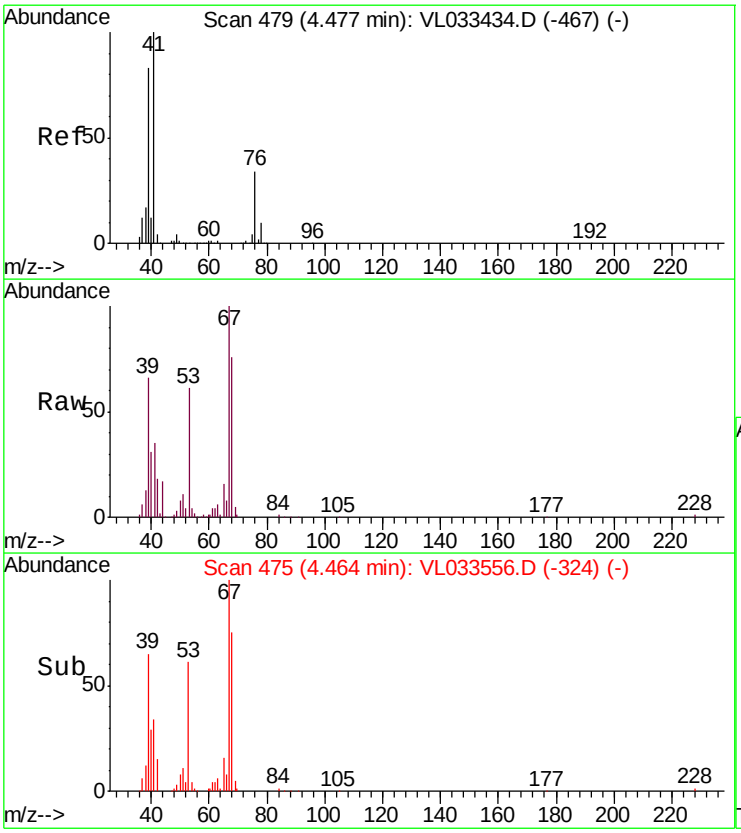
#20
Methylene Chloride
Concen: 4.082 ppbv
RT: 4.41 min Scan# 458
Delta R.T. 0.00 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Instrument : MSVOA_L
ClientSampleId : SV4

Tgt Ion: 84 Resp: 231026

Ion	Ratio	Lower	Upper
84	100		
49	145.7	120.0	180.0
51	43.1	36.7	55.1
86	63.1	51.9	77.9

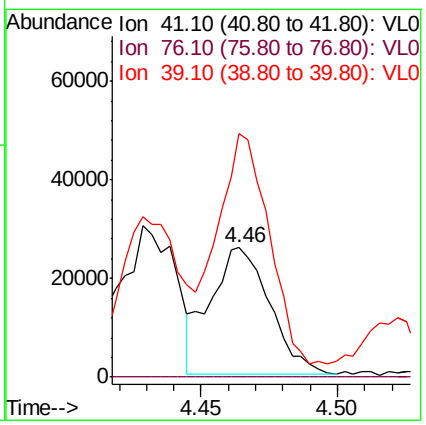


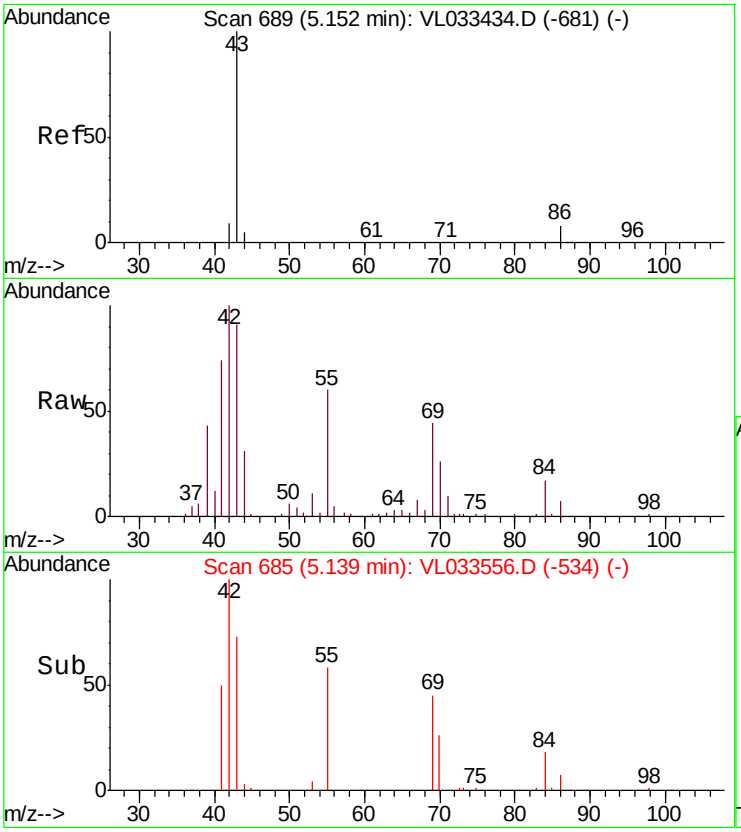


#21
Allyl Chloride
Concen: 0.462 ppbv
RT: 4.46 min Scan# 475
Delta R.T. -0.01 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Tgt Ion: 41 Resp: 38912

Ion	Ratio	Lower	Upper
41	100		
76	0.0	25.4	38.2#
39	291.5	65.3	97.9#



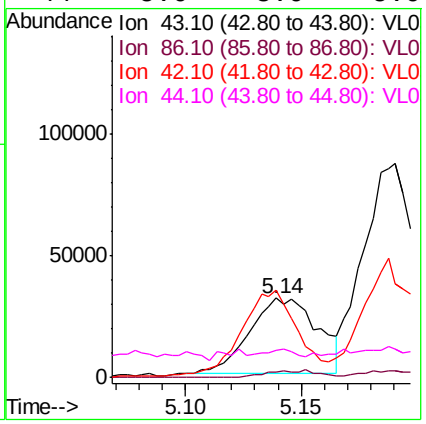


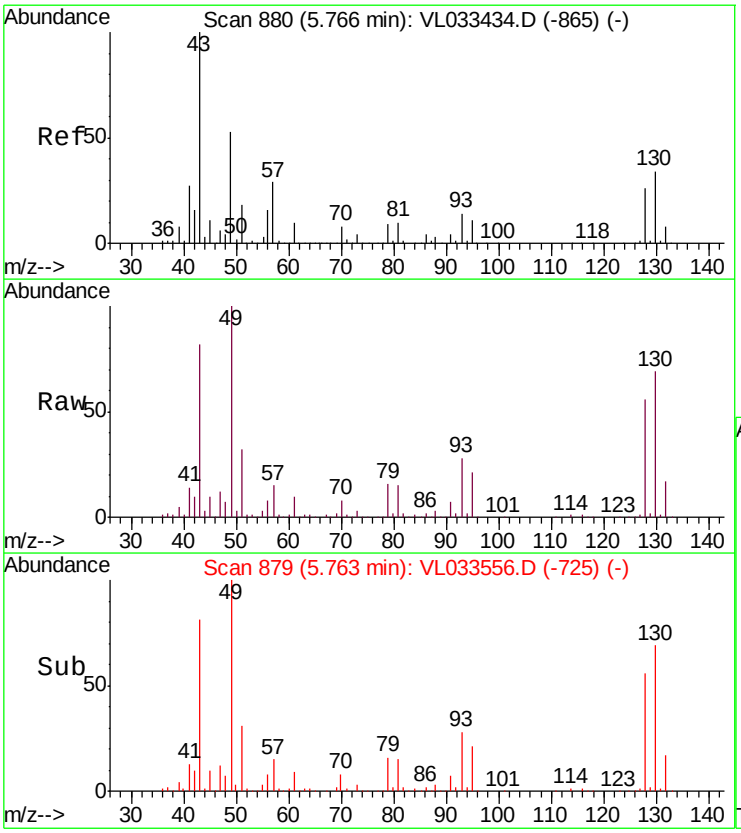
#23
Vinyl Acetate
Concen: 0.337 ppbv
RT: 5.14 min Scan# 685
Delta R.T. -0.01 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Instrument : MSVOA_L
ClientSampleId : SV4

Tgt Ion: 43 Resp: 63898

Ion	Ratio	Lower	Upper
43	100		
86	7.6	5.6	8.4
42	110.4	8.0	12.0#
44	5.0	3.9	5.9

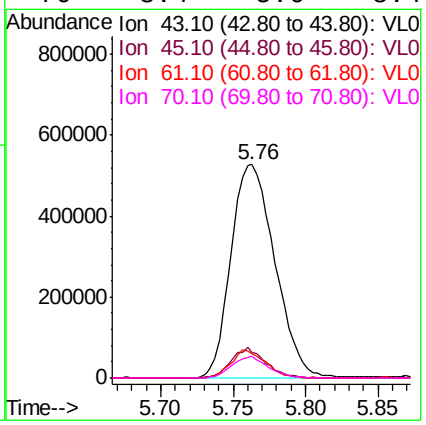


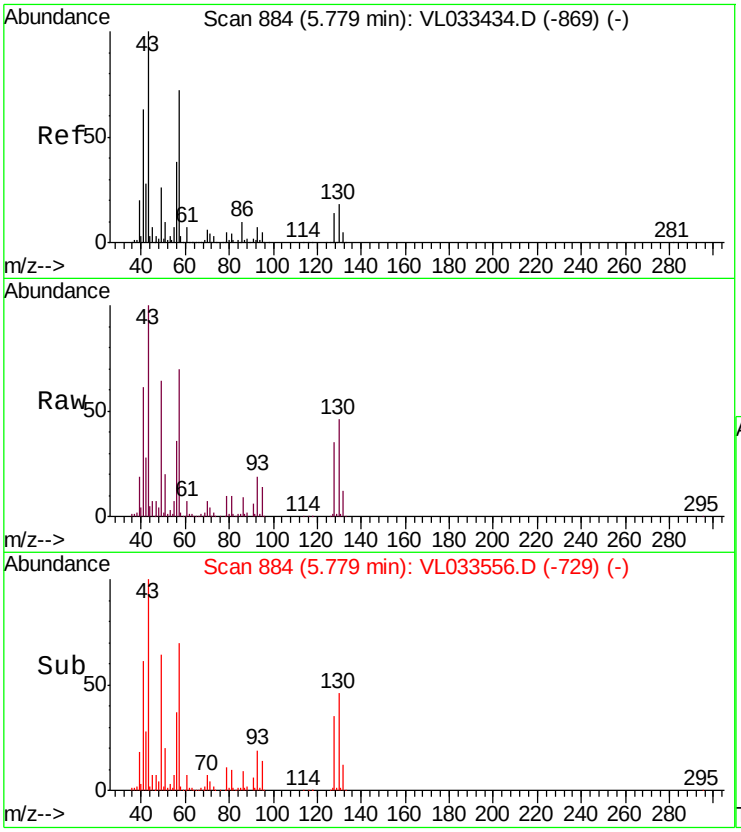


#25
Ethyl Acetate
Concen: 4.474 ppbv
RT: 5.76 min Scan# 879
Delta R.T. -0.00 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Tgt Ion: 43 Resp: 1106784

Ion	Ratio	Lower	Upper
43	100		
45	11.5	7.8	11.6
61	10.6	7.3	10.9
70	8.4	5.6	8.4



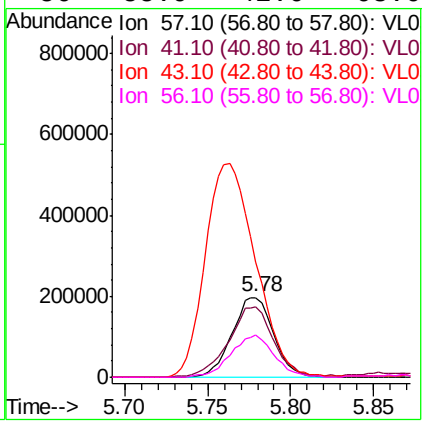


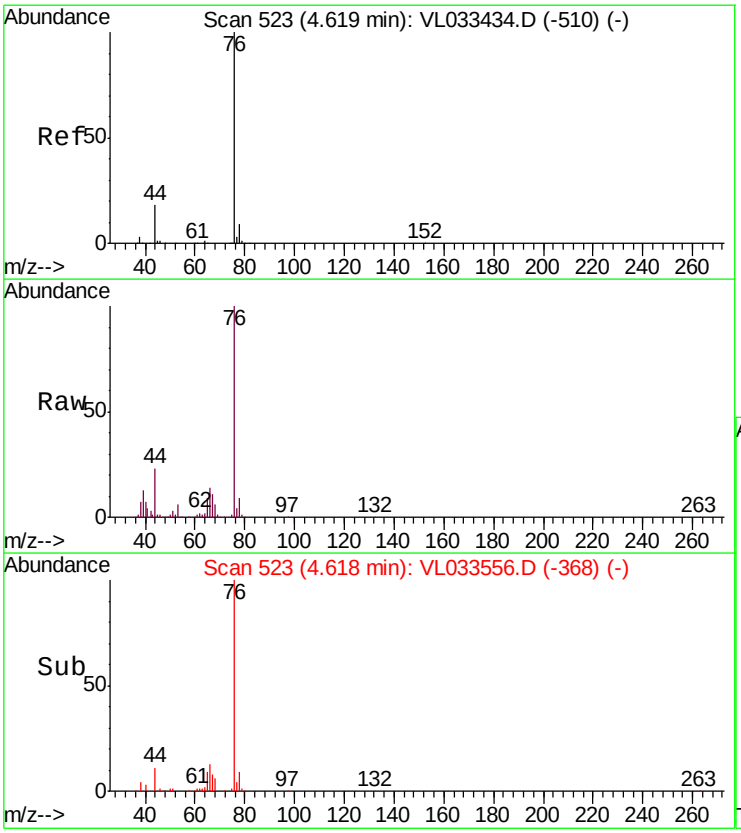
#26
Hexane
Concen: 3.084 ppbv
RT: 5.78 min Scan# 884
Delta R.T. -0.00 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Instrument : MSVOA_L
ClientSampleId : SV4

Tgt Ion: 57 Resp: 339242

Ion	Ratio	Lower	Upper
57	100		
41	97.5	70.7	106.1
43	327.4	182.6	274.0#
56	55.9	42.0	63.0

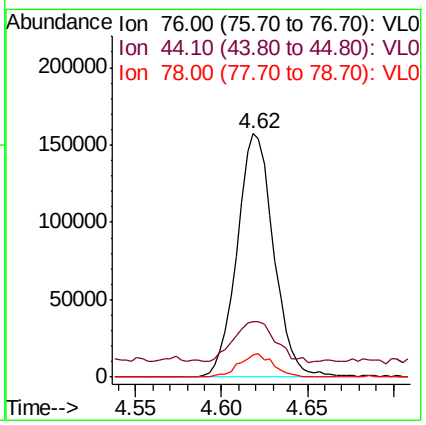


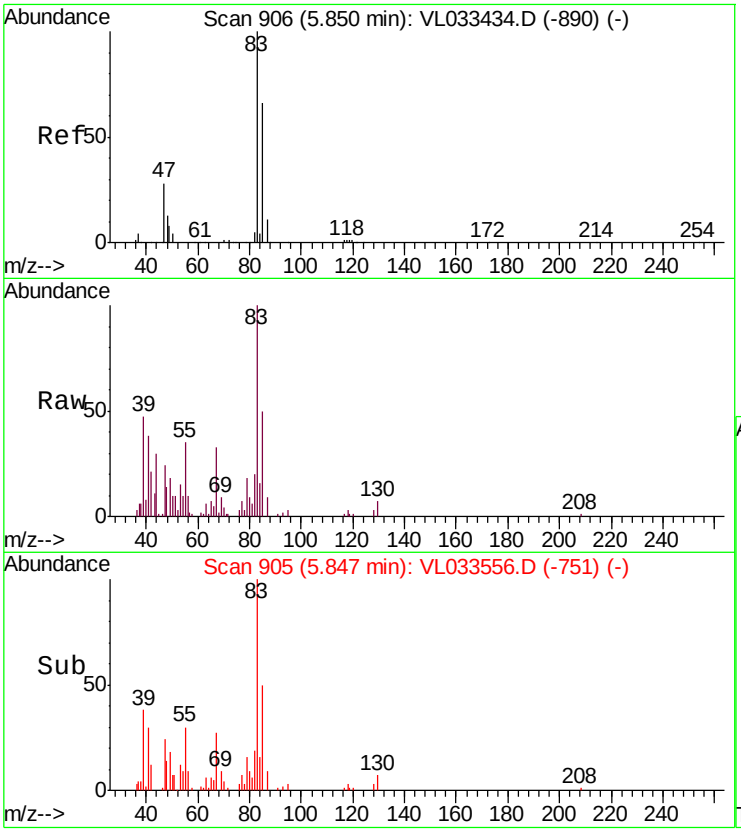


#27
Carbon Disulfide
Concen: 1.774 ppbv
RT: 4.62 min Scan# 523
Delta R.T. -0.00 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Tgt Ion: 76 Resp: 232022

Ion	Ratio	Lower	Upper
76	100		
44	19.1	14.8	22.2
78	9.2	7.6	11.4



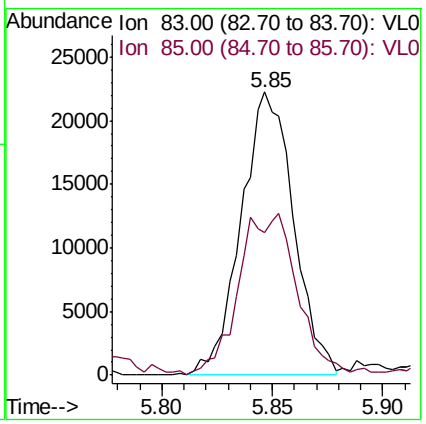


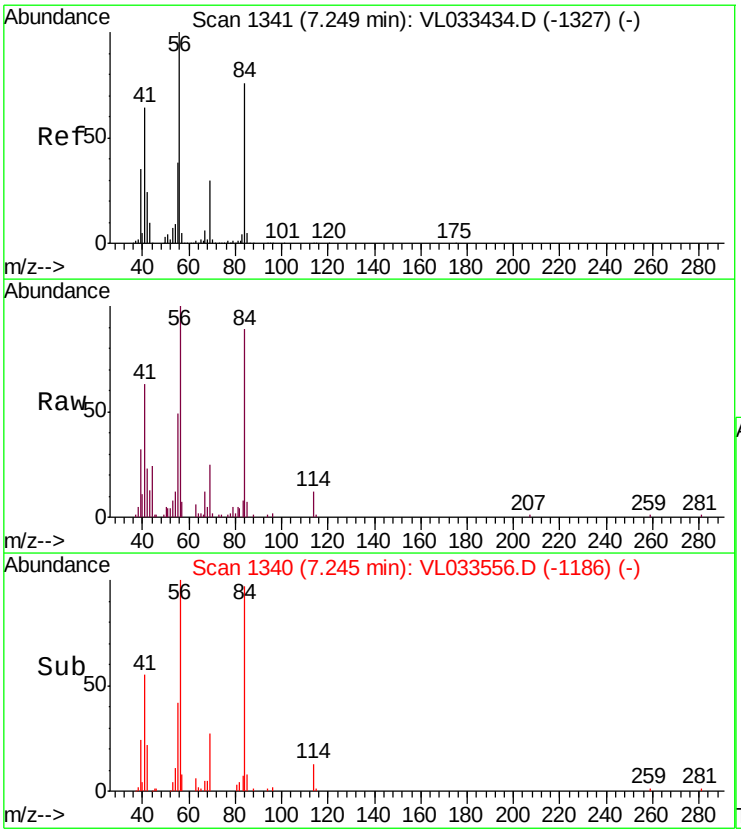
#29
Chloroform
Concen: 0.195 ppbv
RT: 5.85 min Scan# 905
Delta R.T. -0.00 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Instrument :
MSVOA_L
ClientSampleId :
SV4

Tgt Ion: 83 Resp: 36850

Ion	Ratio	Lower	Upper
83	100		
85	50.2	52.6	79.0#

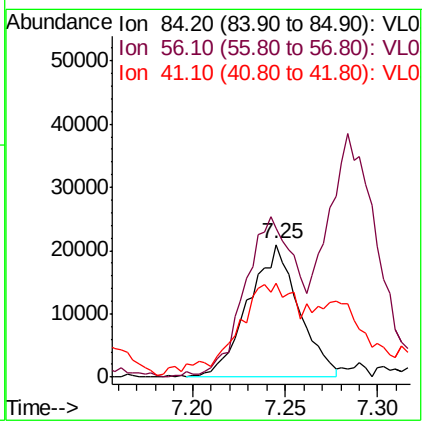


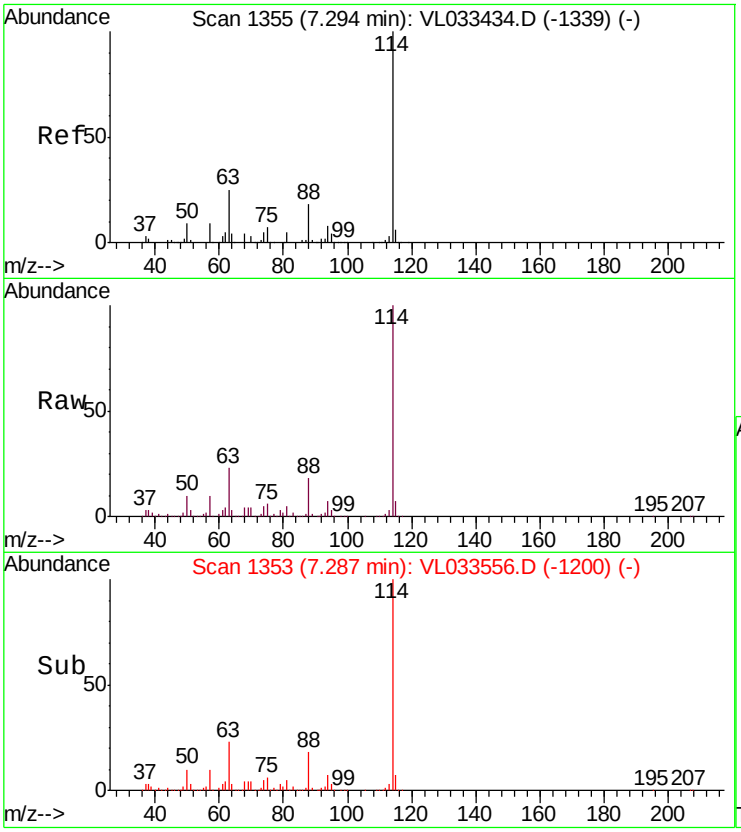


#30
Cyclohexane
Concen: 0.454 ppbv
RT: 7.25 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Tgt Ion: 84 Resp: 39542

Ion	Ratio	Lower	Upper
84	100		
56	132.0	109.7	164.5
41	127.6	68.2	102.2#



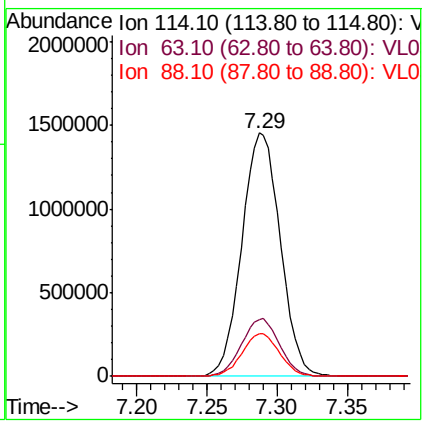


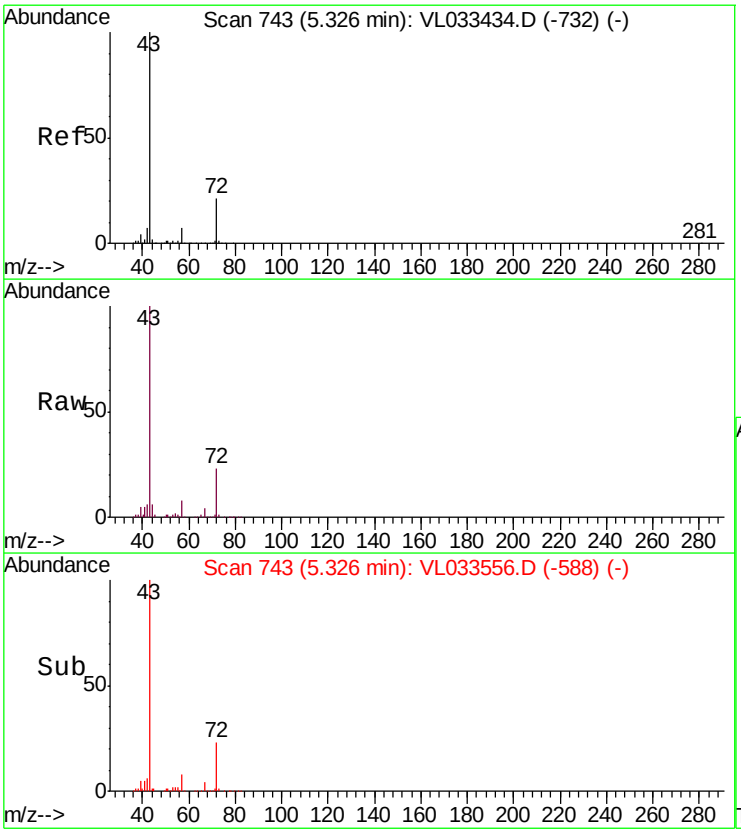
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Instrument :
MSVOA_L
ClientSampleId :
SV4

Tgt Ion:114 Resp: 2771805

Ion	Ratio	Lower	Upper
114	100		
63	23.4	21.5	32.3
88	17.2	14.5	21.7

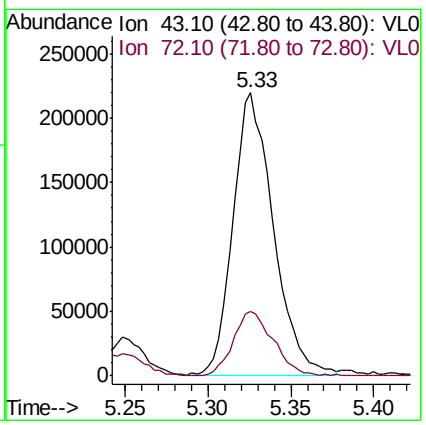


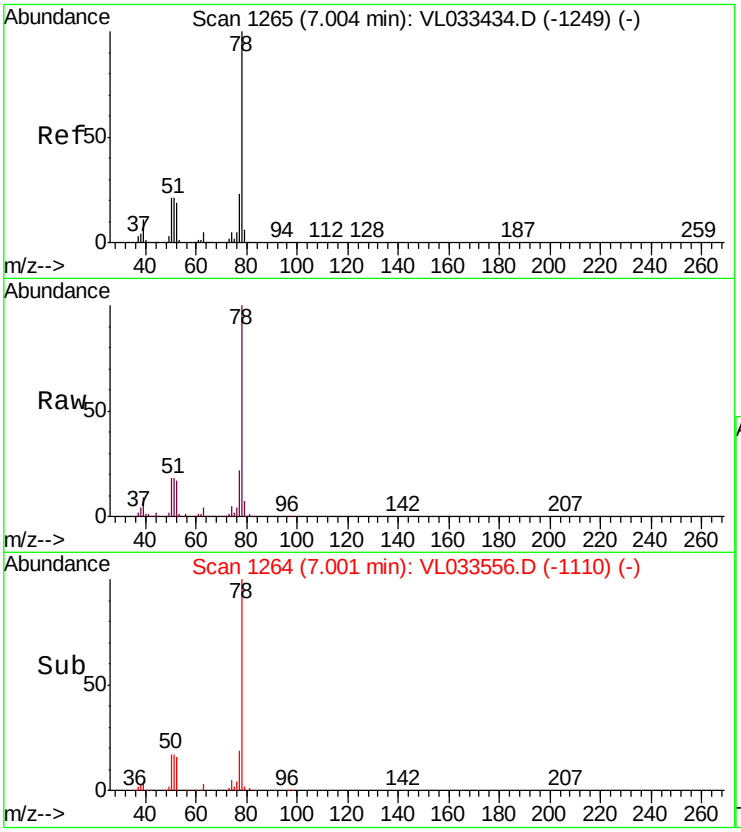


#34
2-Butanone
Concen: 2.217 ppbv
RT: 5.33 min Scan# 743
Delta R.T. -0.00 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Tgt Ion: 43 Resp: 369198

Ion	Ratio	Lower	Upper
43	100		
72	23.2	17.4	26.2



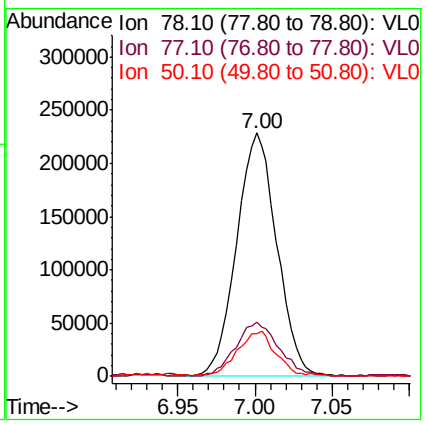


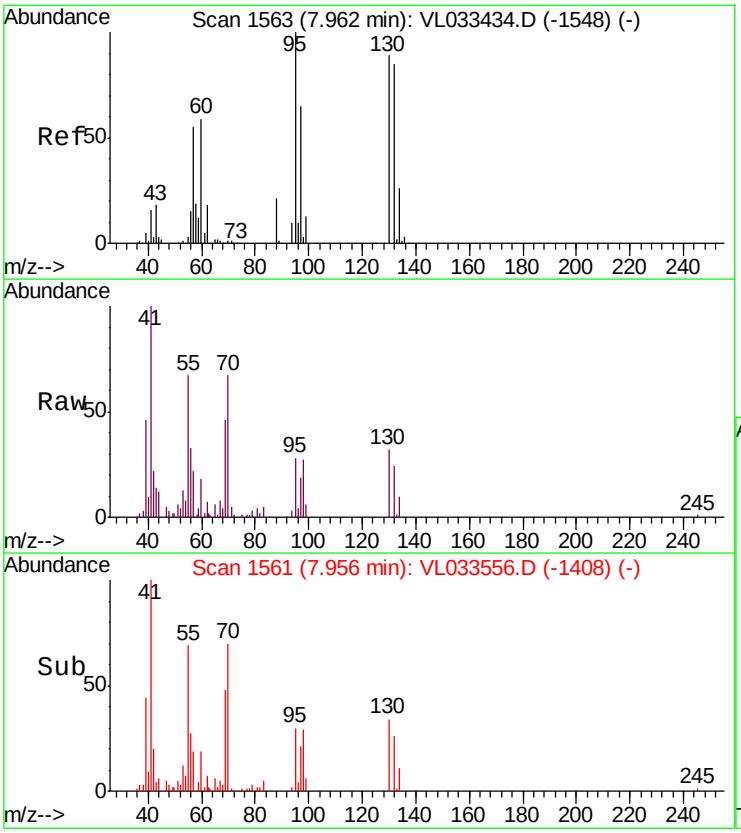
#36
Benzene
Concen: 1.761 ppbv
RT: 7.00 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Instrument :
MSVOA_L
ClientSampleId :
SV4

Tgt Ion: 78 Resp: 409604

Ion	Ratio	Lower	Upper
78	100		
77	21.8	18.1	27.1
50	17.6	16.7	25.1

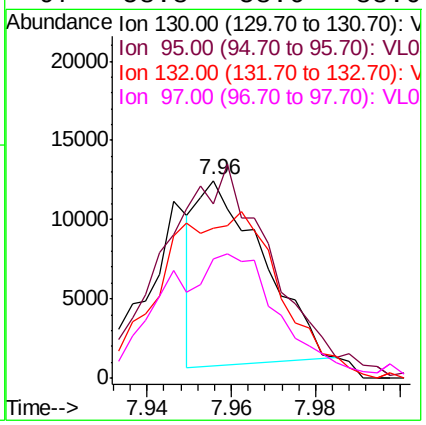


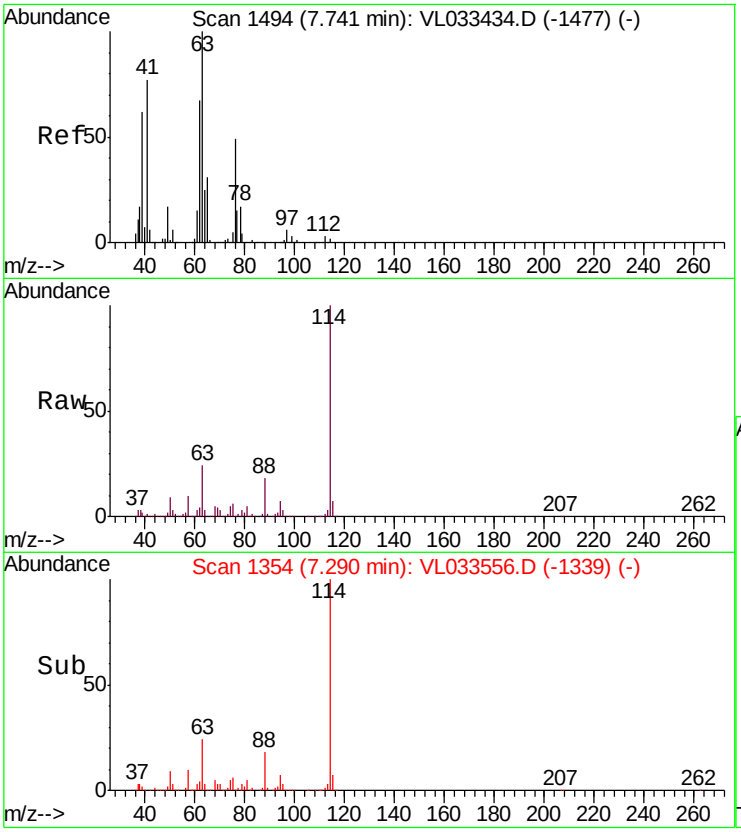


#38
Trichloroethene
Concen: 0.144 ppbv
RT: 7.96 min Scan# 1561
Delta R.T. -0.01 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Tgt Ion:130 Resp: 12623

Ion	Ratio	Lower	Upper
130	100		
95	86.6	89.8	134.8#
132	75.8	76.6	115.0#
97	58.8	58.6	88.0



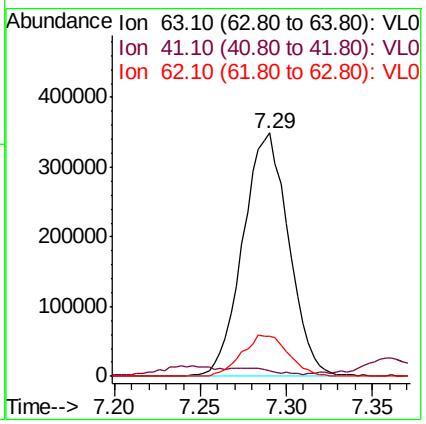


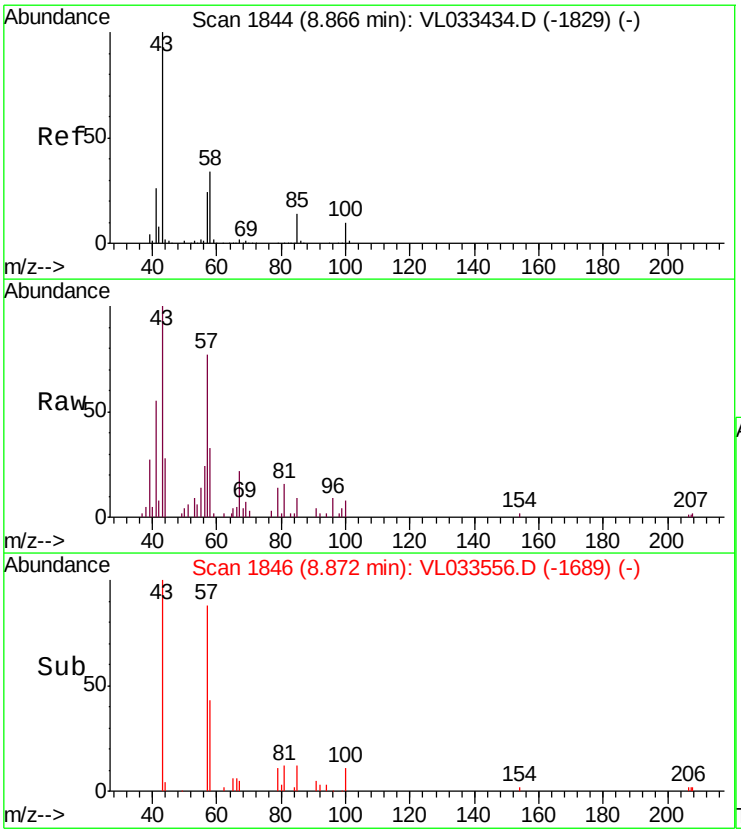
#39
1,2-Dichloropropane
Concen: 7.077 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.45 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Instrument :
MSVOA_L
ClientSampleId :
SV4

Tgt Ion: 63 Resp: 644778

Ion	Ratio	Lower	Upper
63	100		
41	0.4	61.2	91.8#
62	16.4	54.0	81.0#

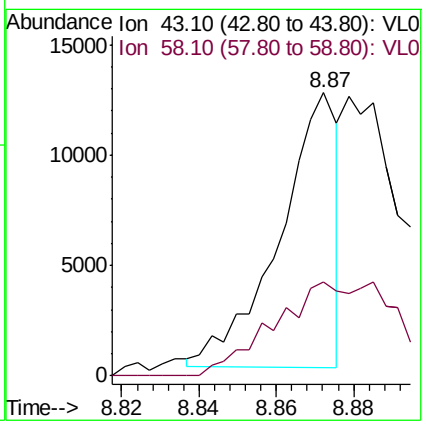


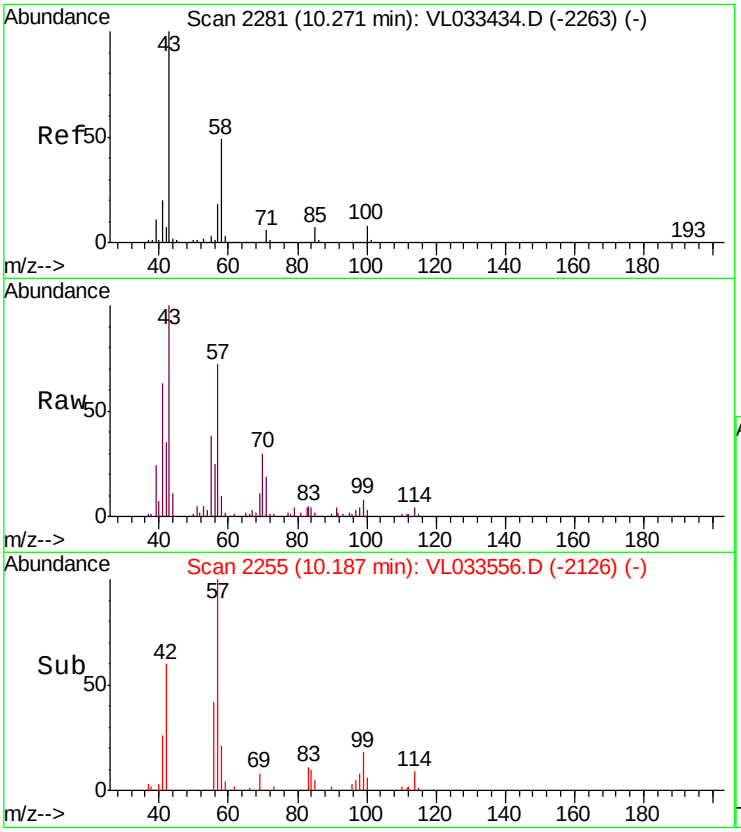


#50
4-Methyl-2-Pentanone
Concen: 0.053 ppbv
RT: 8.87 min Scan# 1846
Delta R.T. 0.01 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Tgt Ion: 43 Resp: 13010

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.0	42.0#



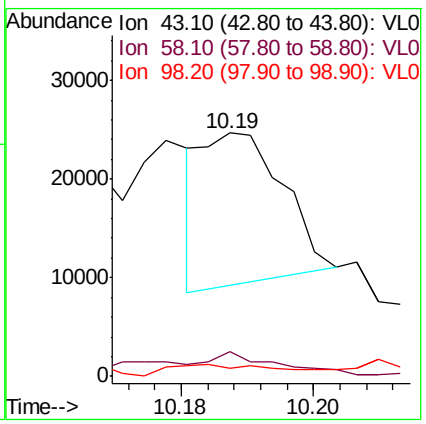


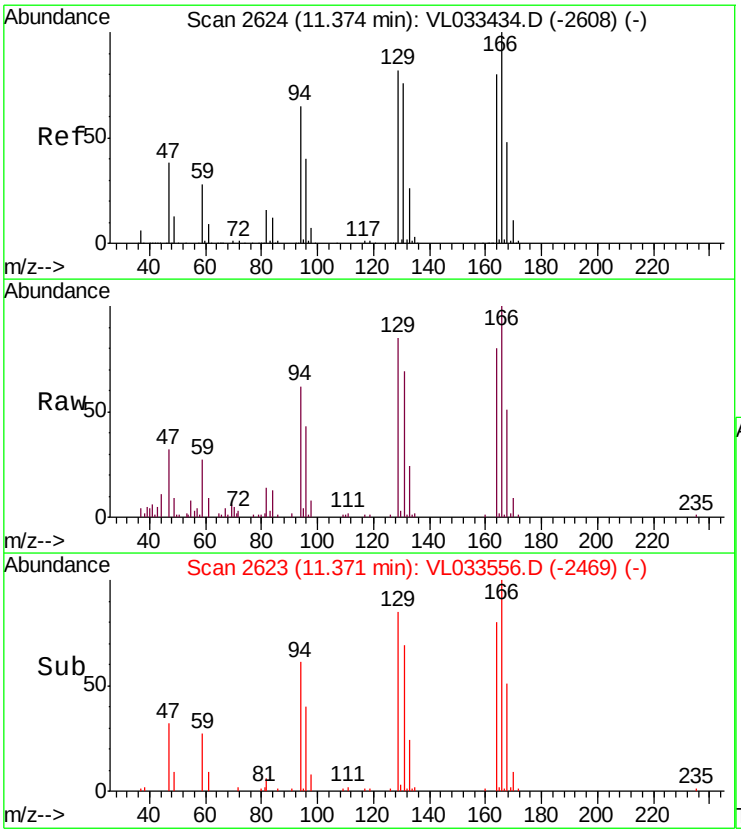
#51
2-Hexanone
Concen: 0.071 ppbv
RT: 10.19 min Scan# 2255
Delta R.T. -0.08 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Instrument :
MSVOA_L
ClientSampleId :
SV4

Tgt Ion: 43 Resp: 12887

Ion	Ratio	Lower	Upper
43	100		
58	29.9	38.2	57.2#
98	21.7	0.2	0.2#

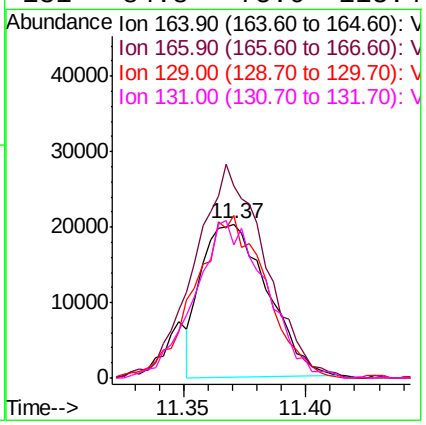


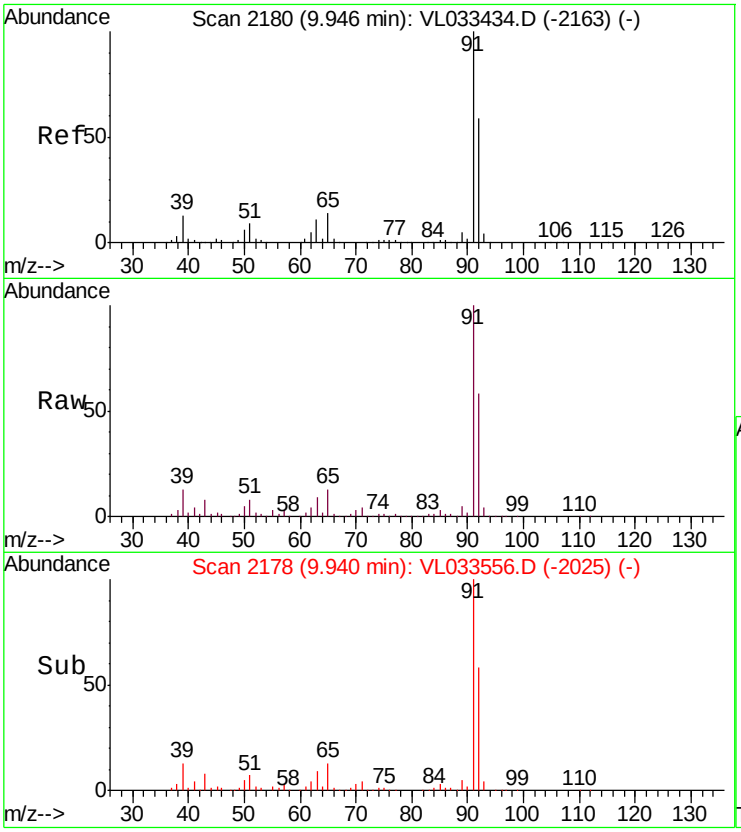


#52
Tetrachloroethene
Concen: 0.434 ppbv
RT: 11.37 min Scan# 2623
Delta R.T. -0.00 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Tgt Ion:164 Resp: 38102

Ion	Ratio	Lower	Upper
164	100		
166	123.3	99.5	149.3
129	106.5	81.4	122.2
131	84.8	75.6	113.4



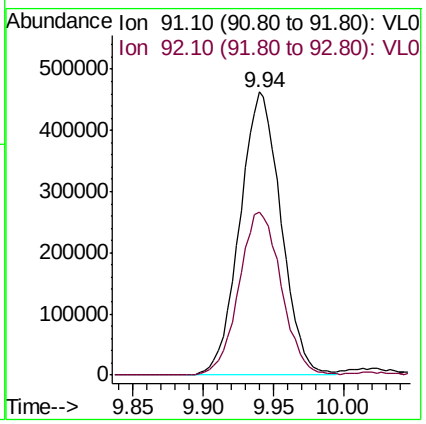


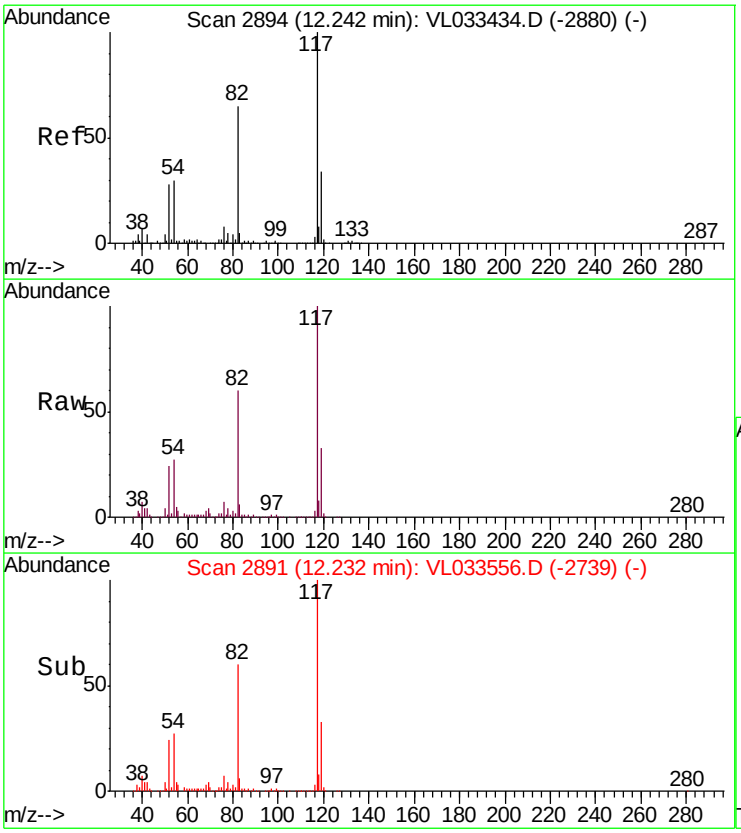
#53
Toluene
Concen: 3.487 ppbv
RT: 9.94 min Scan# 2178
Delta R.T. -0.01 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Instrument :
MSVOA_L
ClientSampleId :
SV4

Tgt Ion: 91 Resp: 942305

Ion	Ratio	Lower	Upper
91	100		
92	59.3	47.4	71.0

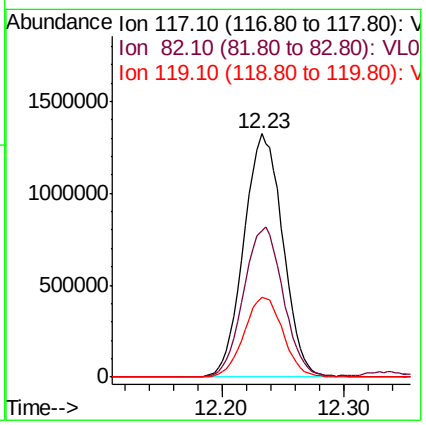


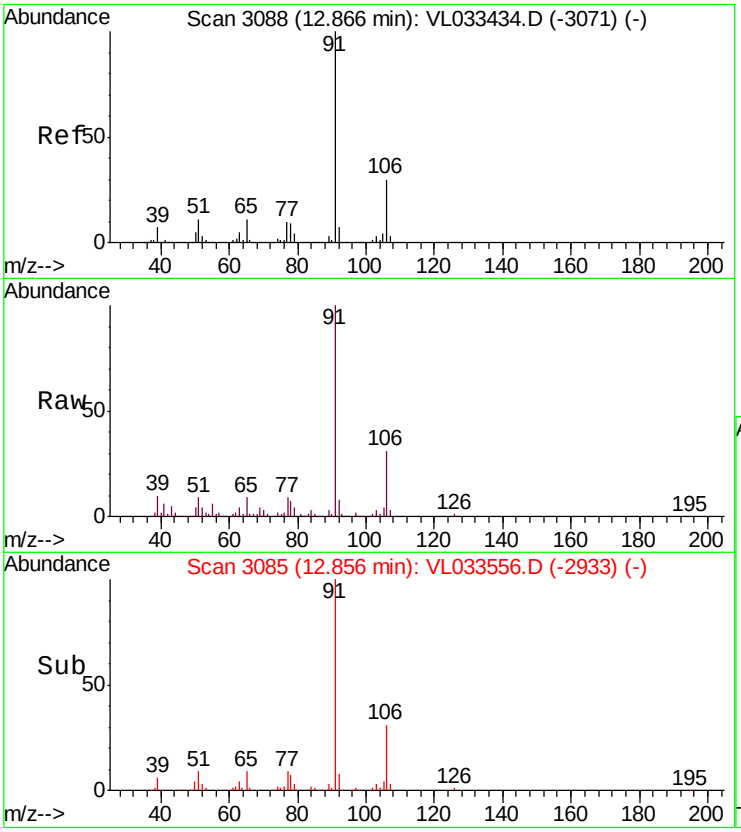


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2891
Delta R.T. -0.01 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Tgt Ion:117 Resp: 2925618

Ion	Ratio	Lower	Upper
117	100		
82	62.8	51.5	77.3
119	32.6	25.5	38.3



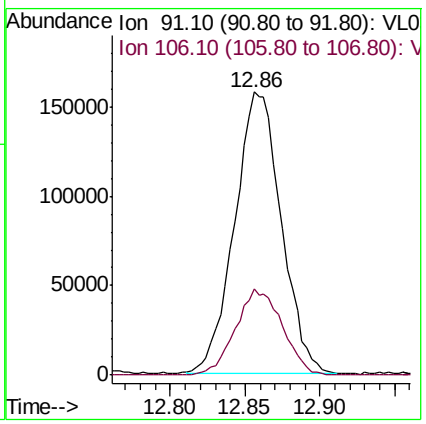


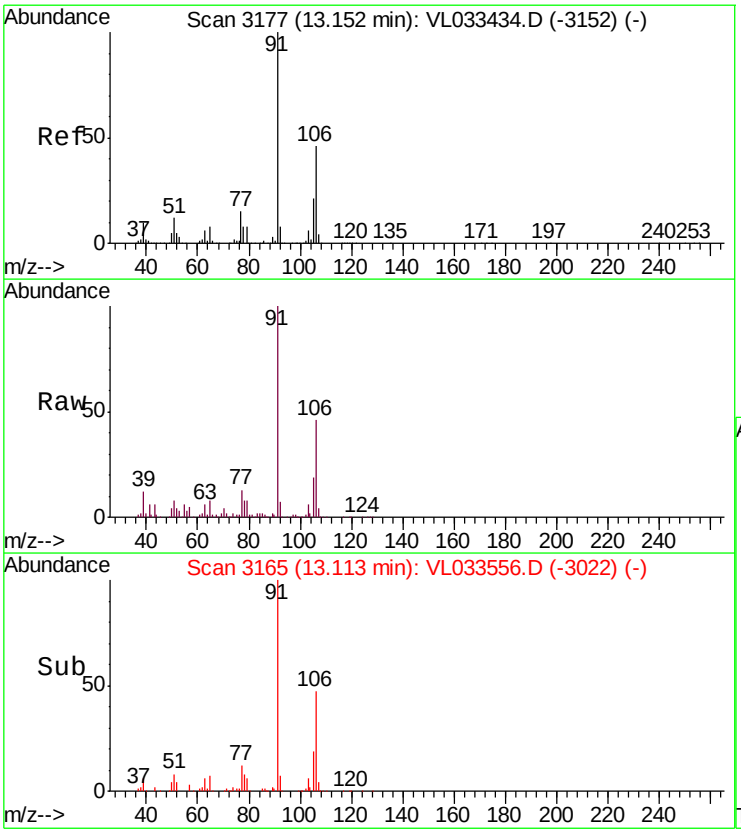
#58
Ethyl Benzene
Concen: 0.871 ppbv
RT: 12.86 min Scan# 3085
Delta R.T. -0.01 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Instrument :
MSVOA_L
ClientSampleId :
SV4

Tgt Ion: 91 Resp: 340346

Ion	Ratio	Lower	Upper
91	100		
106	30.6	23.8	35.6

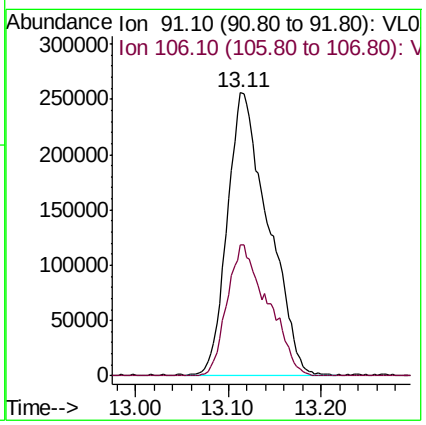


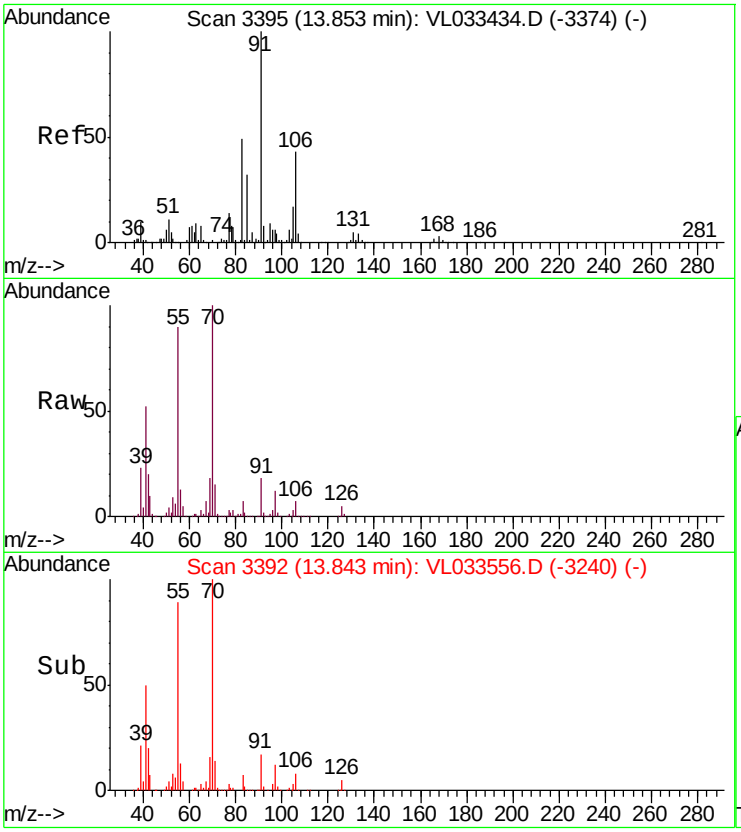


#59
m/p-Xylene
Concen: 2.244 ppbv
RT: 13.11 min Scan# 3165
Delta R.T. -0.04 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Tgt Ion: 91 Resp: 783122

Ion	Ratio	Lower	Upper
91	100		
106	46.2	0.0	0.0#



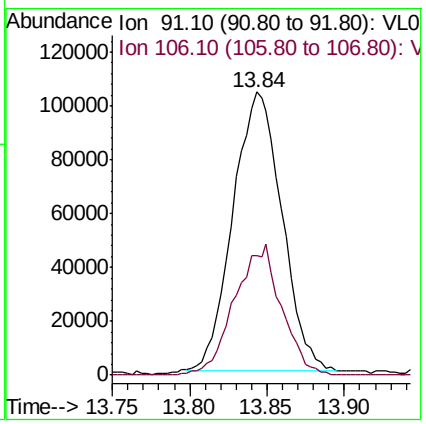


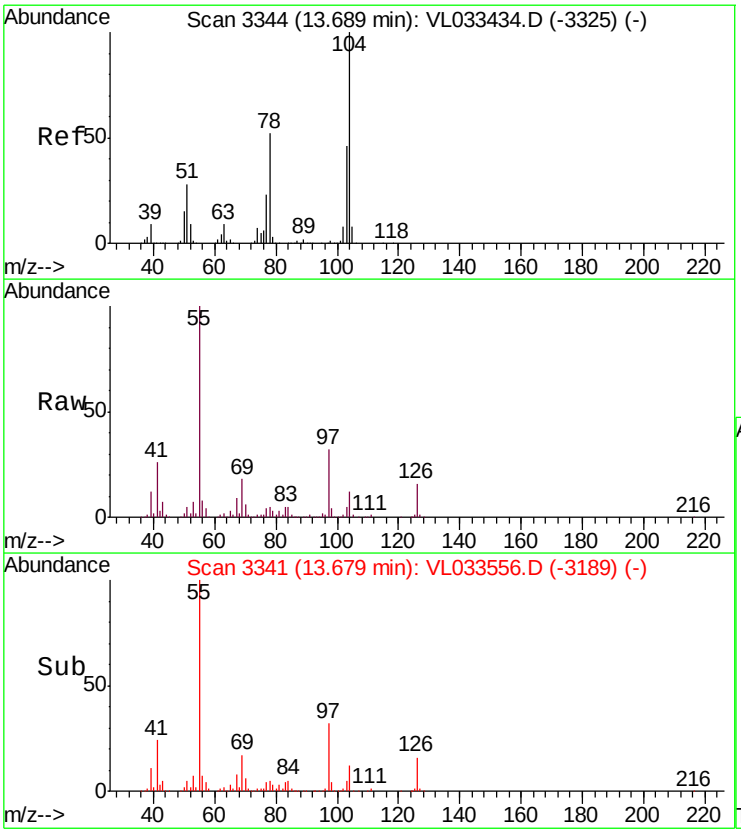
#60
o-Xylene
Concen: 0.677 ppbv
RT: 13.84 min Scan# 3392
Delta R.T. -0.01 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Instrument :
MSVOA_L
ClientSampleId :
SV4

Tgt Ion: 91 Resp: 228509

Ion	Ratio	Lower	Upper
91	100		
106	44.7	21.4	64.3

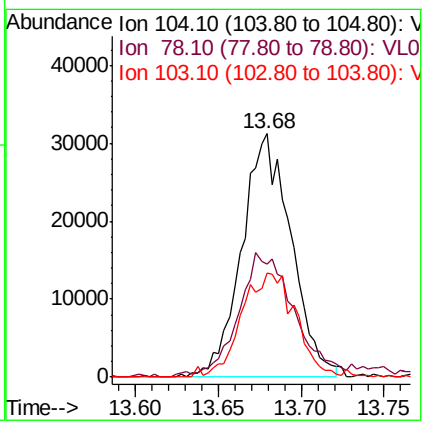


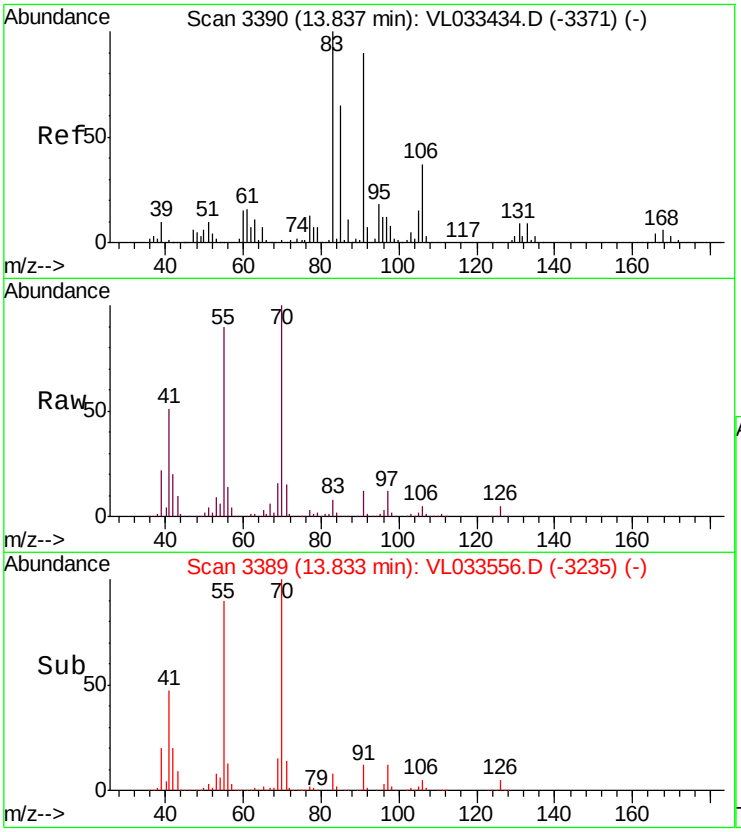


#61
Styrene
Concen: 0.278 ppbv
RT: 13.68 min Scan# 3341
Delta R.T. -0.01 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Tgt Ion:104 Resp: 64365

Ion	Ratio	Lower	Upper
104	100		
78	63.4	43.2	64.8
103	48.1	37.8	56.8



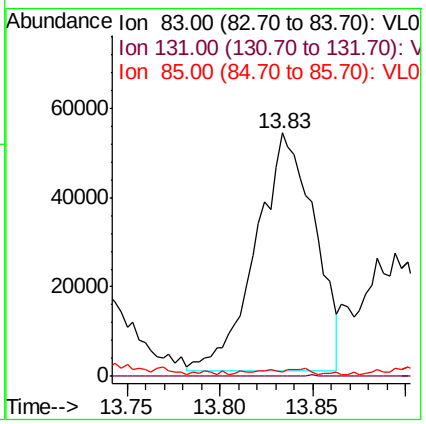


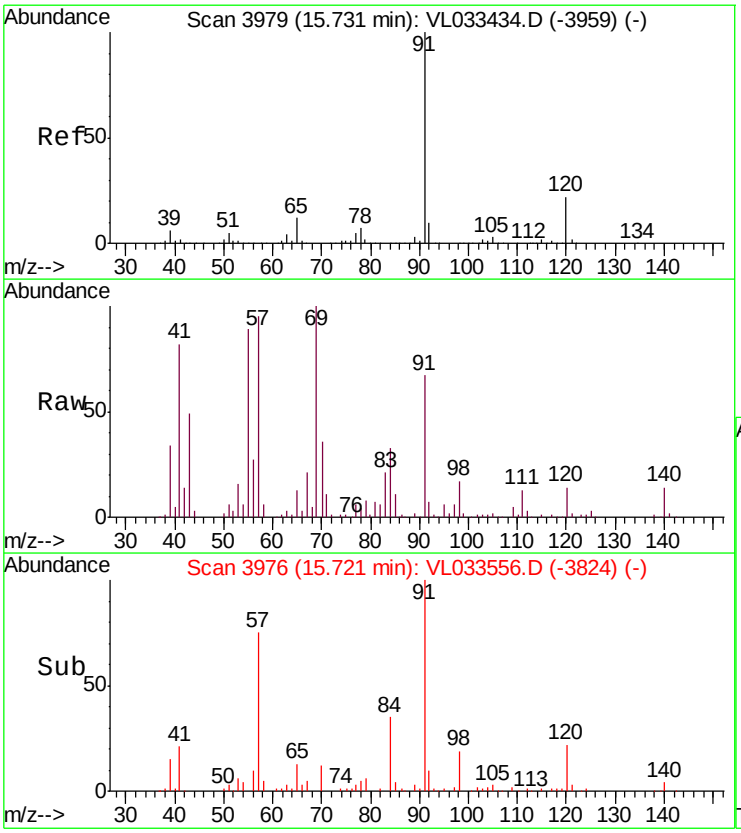
#63
1,1,2,2-Tetrachloroethane
Concen: 0.468 ppbv
RT: 13.83 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Instrument :
MSVOA_L
ClientSampleId :
SV4

Tgt Ion: 83 Resp: 116409

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.7	14.0#
85	2.7	32.7	98.1#

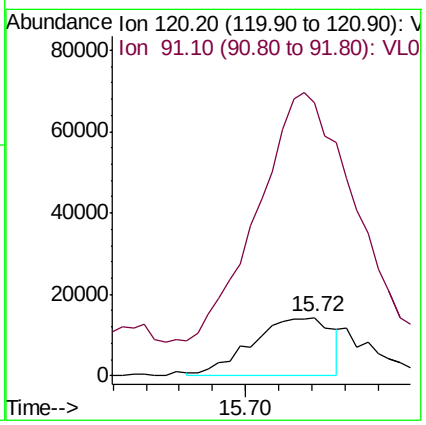


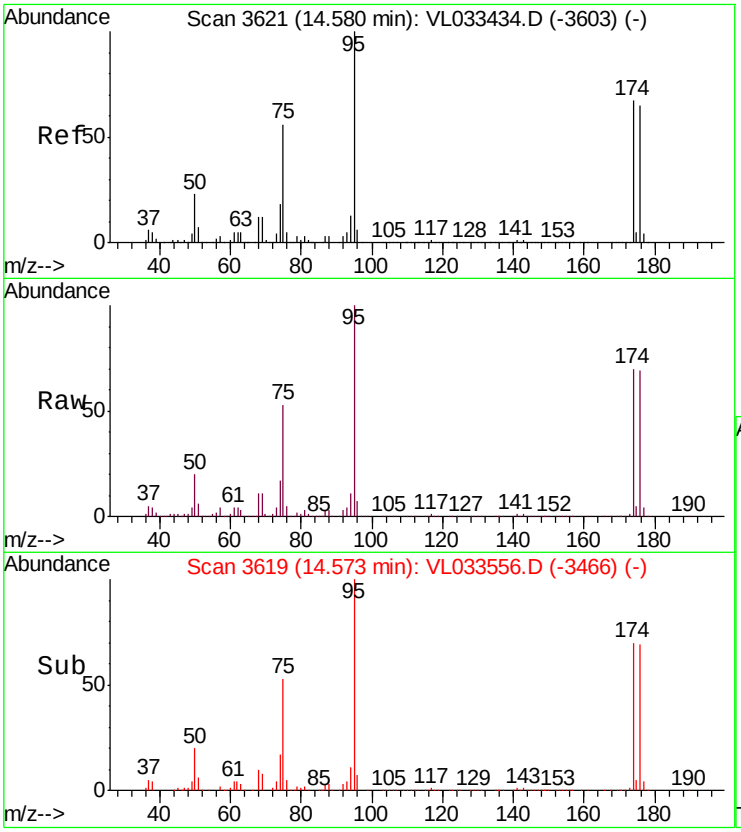


#64
n-propylbenzene
Concen: 0.197 ppbv
RT: 15.72 min Scan# 3976
Delta R.T. -0.01 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Tgt Ion:120 Resp: 23934

Ion	Ratio	Lower	Upper
120	100		
91	651.1	387.4	581.2#



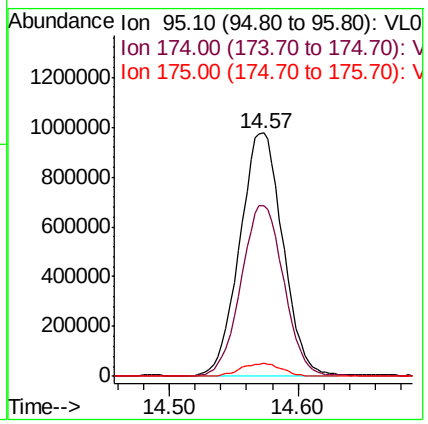


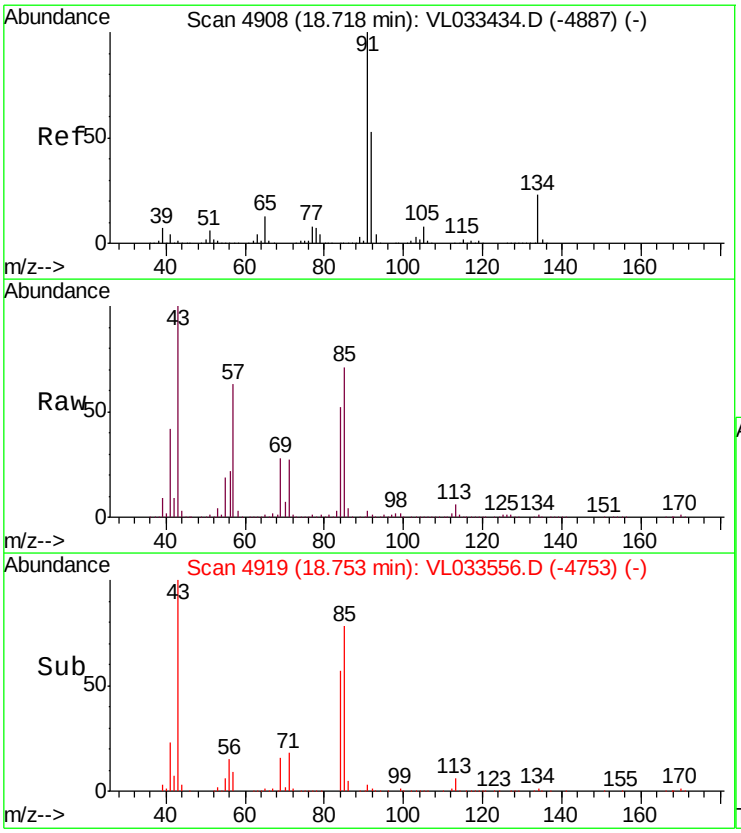
#68
1-Bromo-4-Fluorobenzene
Concen: 9.875 ppbv
RT: 14.57 min Scan# 3619
Delta R.T. -0.01 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Instrument :
MSVOA_L
ClientSampleId :
SV4

Tgt Ion: 95 Resp: 2264904

Ion	Ratio	Lower	Upper
95	100		
174	70.7	52.9	79.3
175	5.2	3.8	5.6

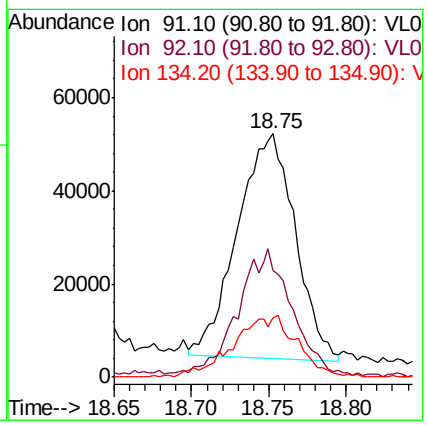


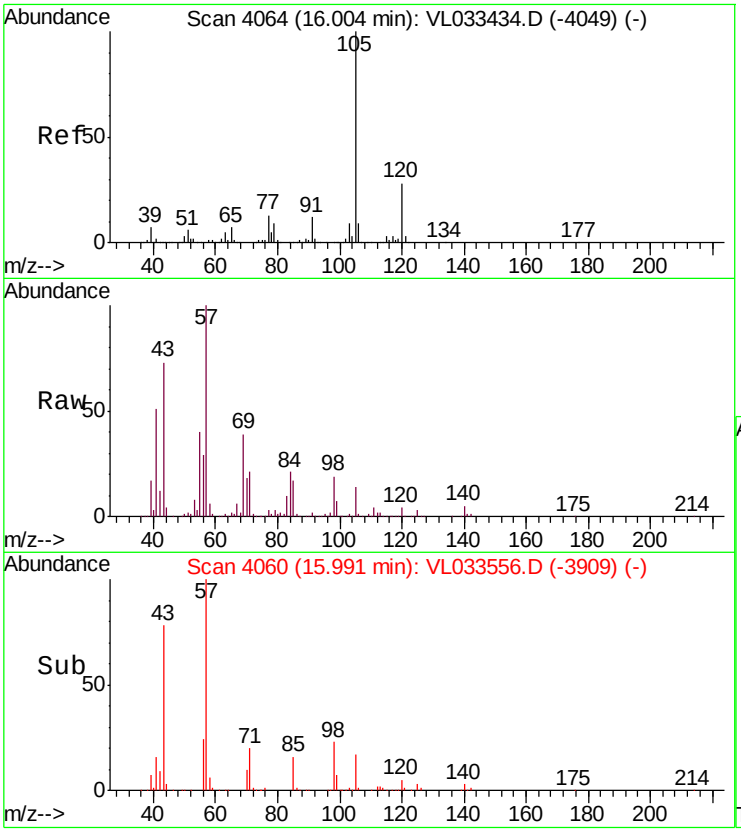


#70
n-Butylbenzene
Concen: 0.242 ppbv
RT: 18.75 min Scan# 4919
Delta R.T. 0.04 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Tgt Ion: 91 Resp: 124967

Ion	Ratio	Lower	Upper
91	100		
92	57.3	42.6	64.0
134	30.5	17.5	26.3#



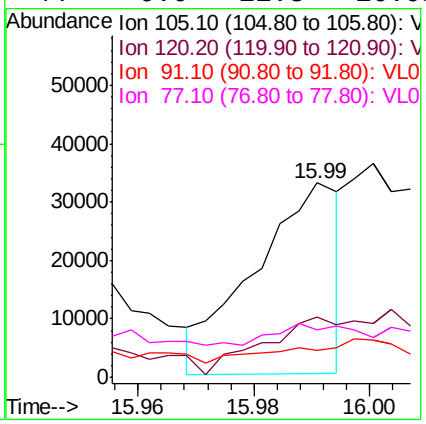


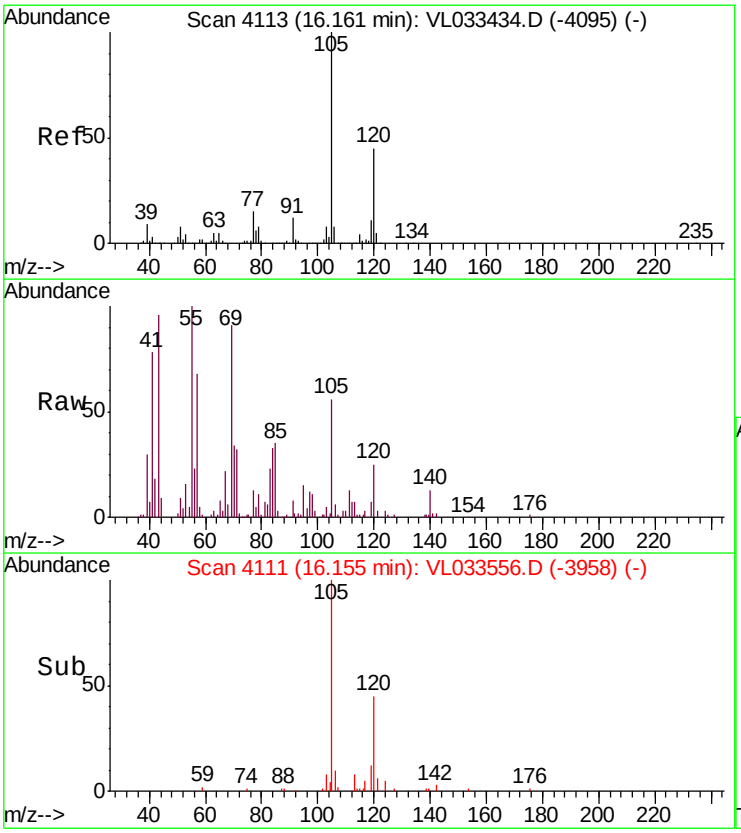
#72
4-Ethyltoluene
Concen: 0.088 ppbv
RT: 15.99 min Scan# 4060
Delta R.T. -0.01 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Instrument :
MSVOA_L
ClientSampleId :
SV4

Tgt Ion:105 Resp: 33319

Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.2	34.8#
91	0.0	10.4	15.6#
77	0.0	11.3	16.9#

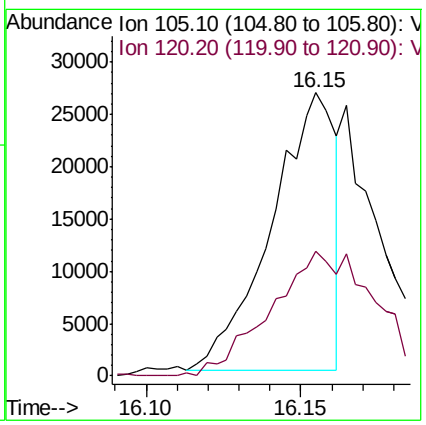


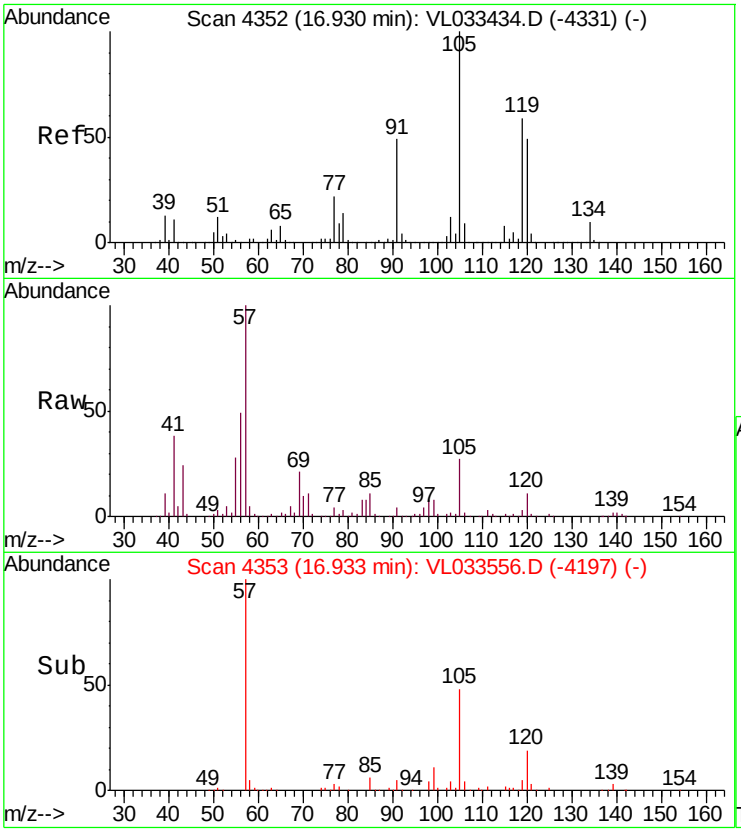


#73
1,3,5-Trimethylbenzene
Concen: 0.105 ppbv
RT: 16.15 min Scan# 4111
Delta R.T. -0.01 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Tgt Ion:105 Resp: 38124

Ion	Ratio	Lower	Upper
105	100		
120	44.1	35.7	53.5



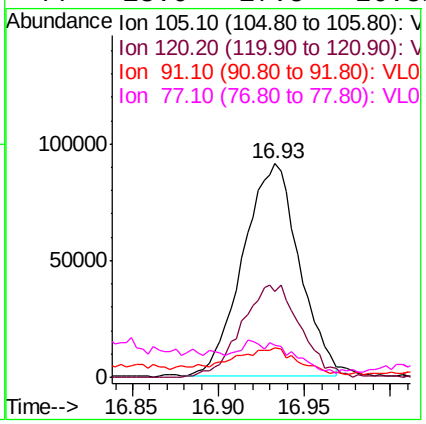


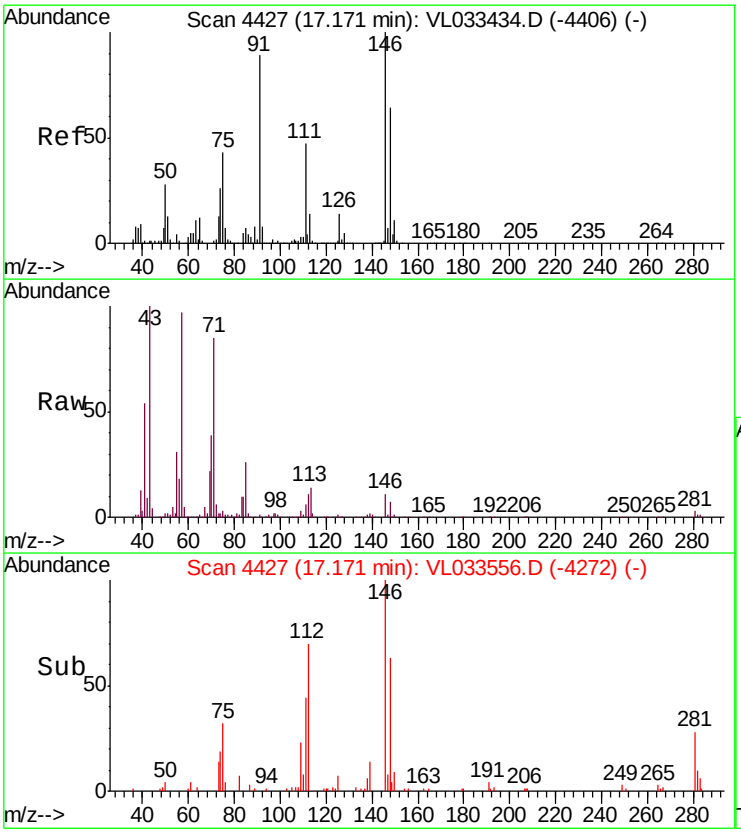
#74
1,2,4-Trimethylbenzene
Concen: 0.528 ppbv
RT: 16.93 min Scan# 4353
Delta R.T. 0.00 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Instrument :
MSVOA_L
ClientSampleId :
SV4

Tgt Ion:105 Resp: 205268

Ion	Ratio	Lower	Upper
105	100		
120	40.2	39.0	58.6
91	11.6	40.0	60.0#
77	13.0	17.5	26.3#

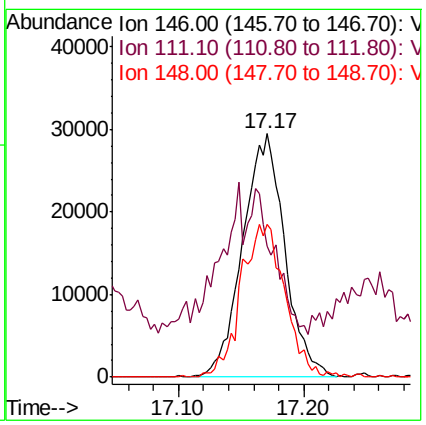


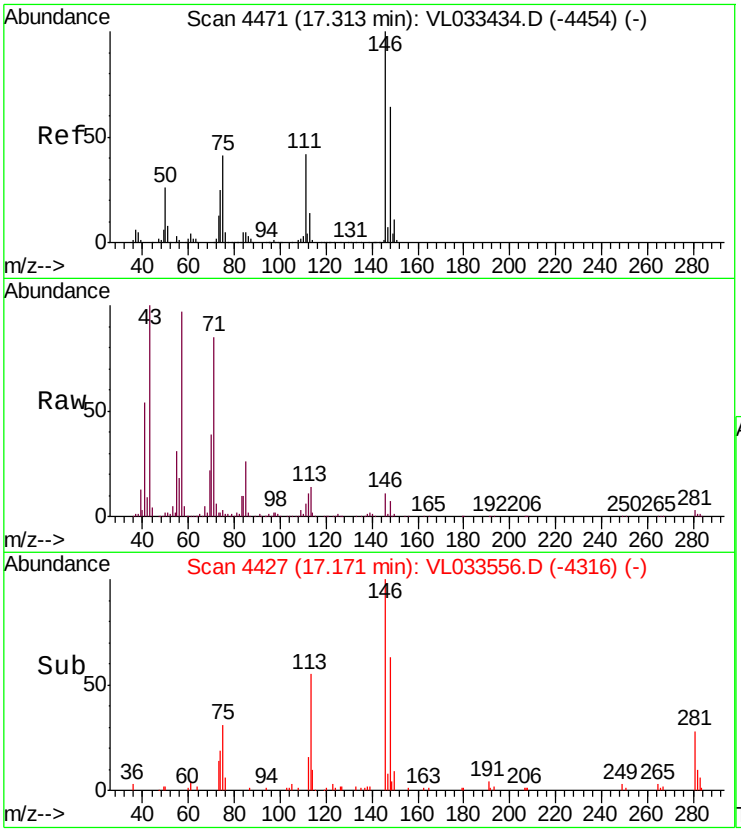


#75
1,3-Dichlorobenzene
Concen: 0.286 ppbv
RT: 17.17 min Scan# 4427
Delta R.T. -0.00 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Tgt Ion:146 Resp: 68687

Ion	Ratio	Lower	Upper
146	100		
111	112.8	22.9	68.8#
148	65.9	32.0	96.2



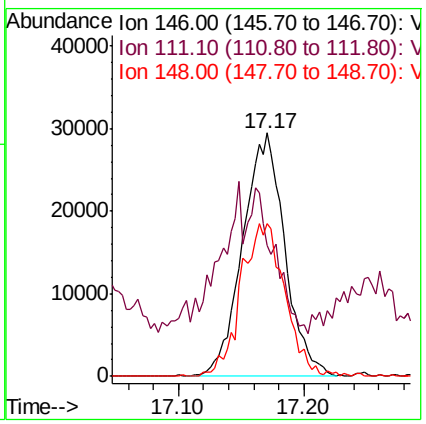


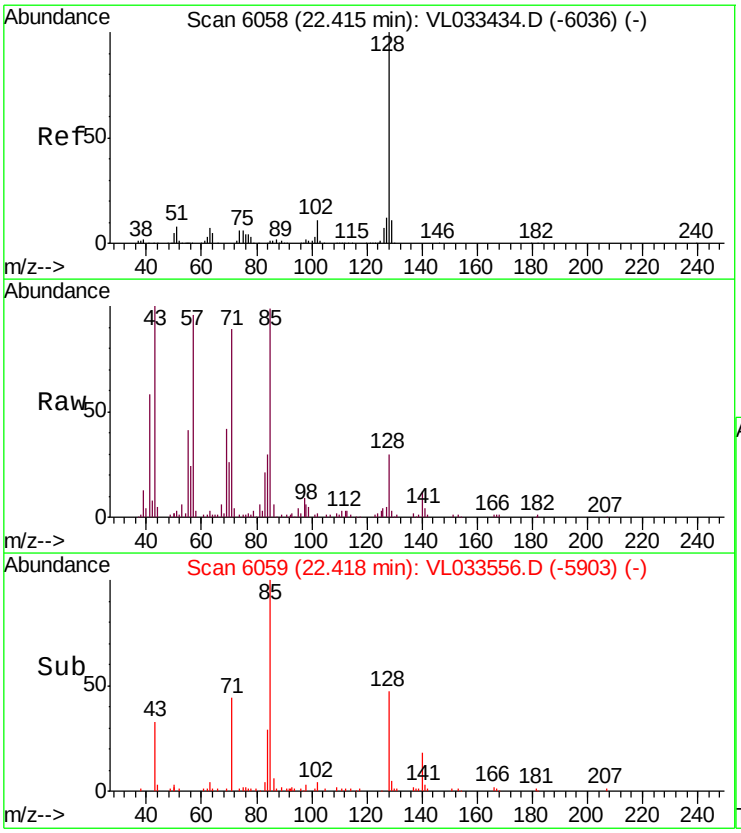
#76
1,4-Dichlorobenzene
Concen: 0.293 ppbv
RT: 17.17 min Scan# 4427
Delta R.T. -0.14 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Instrument :
MSVOA_L
ClientSampleId :
SV4

Tgt Ion:146 Resp: 68687

Ion	Ratio	Lower	Upper
146	100		
111	79.3	21.7	65.1#
148	65.8	32.0	96.2





#79
Naphthalene
Concen: 0.099 ppbv
RT: 22.42 min Scan# 6059
Delta R.T. 0.00 min
Lab File: VL033556.D
Acq: 5 Apr 2019 6:07

Tgt Ion:128 Resp: 33121

Ion	Ratio	Lower	Upper
128	100		
127	11.2	9.8	14.8
129	9.3	8.6	12.8