Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL122017\
Data File : VL031285.D
Acq On : 21 Dec 2017 1:18
Operator : SY/AP
Sample : I7005-07
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : EP1-SV-6

Quant Time: Dec 21 08:42:23 2017
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL121317AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Dec 14 04:29:58 2017
QLast Update : Thu Dec 14 04:29:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.92	49	1588178	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.46	114	3665964	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.42	117	3333280	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.78	95	6528065	27.53	ppbv		0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 275.30%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.18	85	69923	0.52	ppbv		99
3) Chlorodifluoromethane	3.16	51	12766545	70.70	ppbv	#	61
4) Chloromethane	3.28	50	38923	0.40	ppbv		91
5) Vinyl Chloride	3.40	62	107939	1.07	ppbv		98
9) Propene	3.14	41	1345619	15.18	ppbv		99
10) Heptane	8.41	43	363900	1.35	ppbv		98
11) Trichlorofluoromethane	4.13	101	678953	3.08	ppbv		97
12) 1,1,2-Trichlorotrifluoroet	4.68	101	5786	0.04	ppbv	#	14
13) Ethanol	3.77	45	221661	8.67	ppbv		99
15) Acetone	4.02	43	4597296	21.93	ppbv	#	56
16) 1,3-Butadiene	3.45	39	3404150	37.75	ppbv	#	13
17) tert-Butyl alcohol	4.50	59	305166	2.59	ppbv		96
19) Isopropyl Alcohol	4.15	45	10064	0.08	ppbv	#	41
20) Methylene Chloride	4.55	84	76353	1.10	ppbv		97
21) Allyl Chloride	4.56	41	49092	0.40	ppbv	#	1
23) Vinyl Acetate	5.33	43	179076	0.53	ppbv	#	42
24) 1,1-Dichloroethane	5.24	63	15221	0.06	ppbv	#	90
25) Ethyl Acetate	5.93	43	249551	0.58	ppbv	#	82
26) Hexane	5.93	57	331505	1.63	ppbv	#	5
27) Carbon Disulfide	4.76	76	332373	1.63	ppbv		94
28) Methyl tert-Butyl Ether	5.26	73	24879	0.09	ppbv	#	52
29) Chloroform	6.00	83	162214	0.59	ppbv		99
30) Cyclohexane	7.41	84	61337	0.34	ppbv		89
31) cis-1,2-Dichloroethene	5.79	61	57423	0.31	ppbv		91
32) 1,1,1-Trichloroethane	6.78	97	496084	1.69	ppbv		96
34) 2-Butanone	5.47	43	12767085	49.31	ppbv		91
36) Benzene	7.17	78	726378	1.87	ppbv		99
37) 1,2-Dichloroethane	6.58	62	9315	0.04	ppbv	#	80
38) Trichloroethene	8.13	130	242140	1.60	ppbv		99
39) 1,2-Dichloropropane	7.46	63	928727	6.76	ppbv	#	27
41) Tetrahydrofuran	6.31	42	53019	0.36	ppbv		93
42) Bromodichloromethane	8.08	83	19481	0.08	ppbv	#	25
44) 2,2,4-Trimethylpentane	8.16	57	5633990	9.60	ppbv		94
50) 4-Methyl-2-Pentanone	9.05	43	39430	0.12	ppbv	#	63
51) 2-Hexanone	10.44	43	2170273	7.18	ppbv	#	83
52) Tetrachloroethene	11.57	164	11893971	82.98	ppbv		96
53) Toluene	10.12	91	5115827	12.14	ppbv		100
57) Chlorobenzene	12.50	112	1007960	3.24	ppbv	#	41
58) Ethyl Benzene	13.05	91	5865929	10.66	ppbv		98
59) m/p-Xylene	13.32	91	17669616	40.11	ppbv		97
60) o-Xylene	14.06	91	4858188	10.94	ppbv	#	31

Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL122017\
Data File : VL031285.D
Acq On : 21 Dec 2017 1:18
Operator : SY/AP
Sample : I7005-07
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : EP1-SV-6

Quant Time: Dec 21 08:42:23 2017
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL121317AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Dec 14 04:29:58 2017
QLast Update : Thu Dec 14 04:29:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
61) Styrene	13.87	104	39274	0.31	ppbv	#	16
62) Isopropylbenzene	15.05	105	1832342	3.15	ppbv		99
63) 1,1,2,2-Tetrachloroethane	14.06	83	976289	3.28	ppbv	#	93
64) n-propylbenzene	15.97	120	180365	1.17	ppbv	#	1
65) tert-Butylbenzene	17.18	119	408275	0.79	ppbv	#	1
66) Benzyl Chloride	17.31	91	45655	0.82	ppbv	#	1
67) sec-Butylbenzene	17.71	105	891613	1.26	ppbv		97
69) p-Isopropyltoluene	18.01	119	38462	0.07	ppbv	#	1
70) n-Butylbenzene	18.90	91	69290	0.12	ppbv	#	33
71) 2-Chlorotoluene	15.98	91	2723735	6.30	ppbv		89
72) 4-Ethyltoluene	16.19	105	4460000	9.17	ppbv	#	35
73) 1,3,5-Trimethylbenzene	16.42	105	1904118	4.40	ppbv		99
74) 1,2,4-Trimethylbenzene	17.19	105	3079741	6.76	ppbv	#	77
80) Naphthalene,2-methyl-	25.24	142	5466	0.04	ppbv	#	61

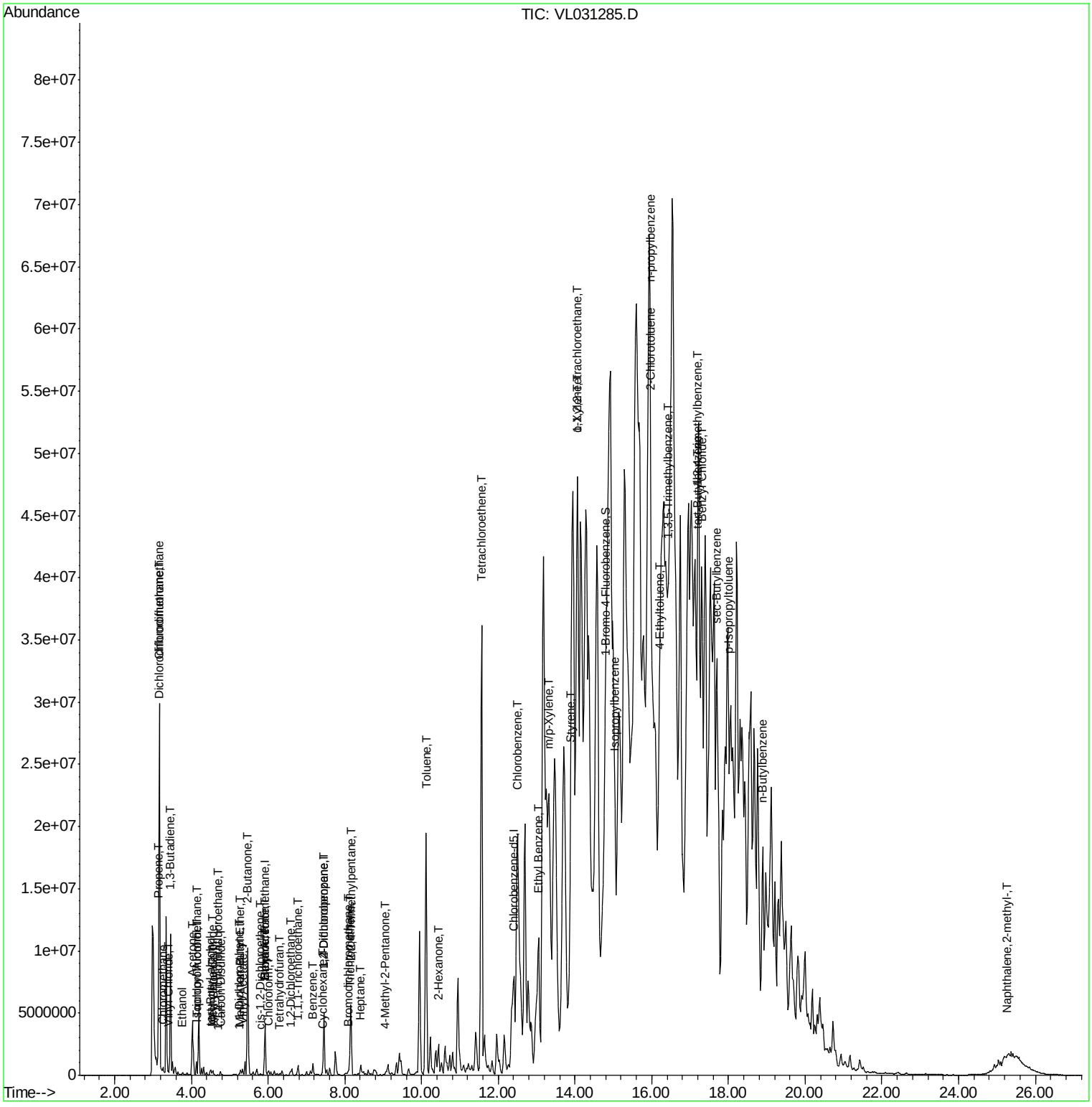
(#) = qualifier out of range (m) = manual integration (+) = signals summed

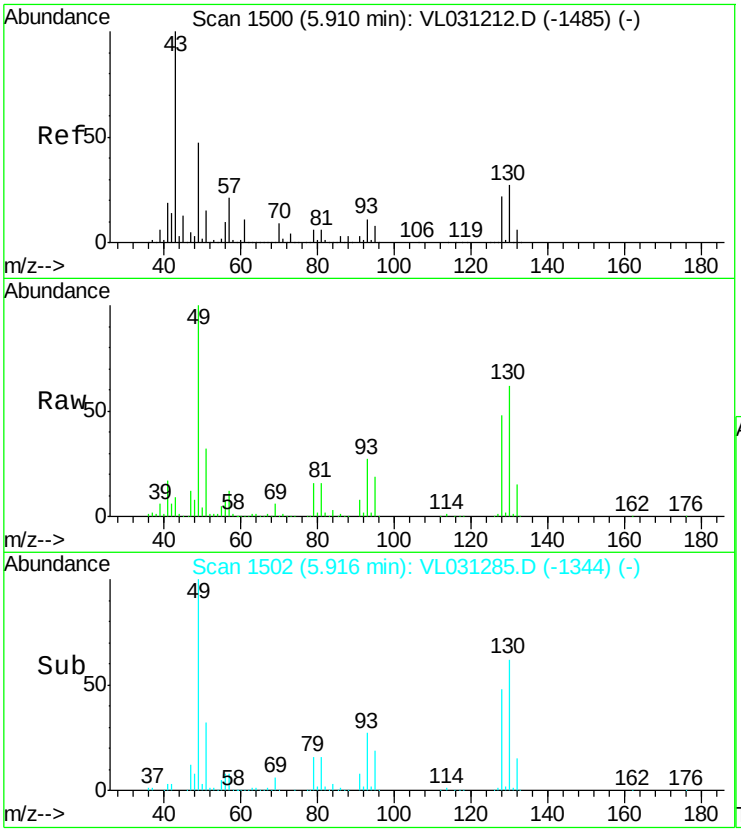
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL122017\
Data File : VL031285.D
Acq On : 21 Dec 2017 1:18
Operator : SY/AP
Sample : I7005-07
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : EP1-SV-6

Quant Time: Dec 21 08:42:23 2017
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL121317AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Dec 14 04:29:58 2017
QLast Update : Thu Dec 14 04:29:58 2017
Response via : Initial Calibration



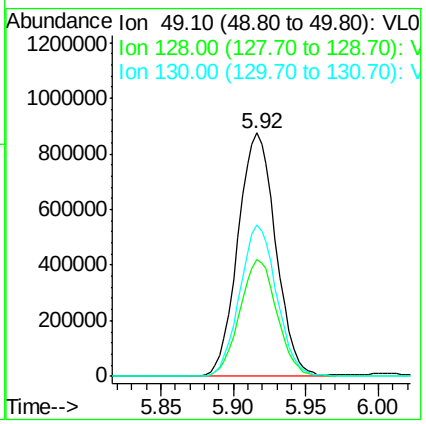


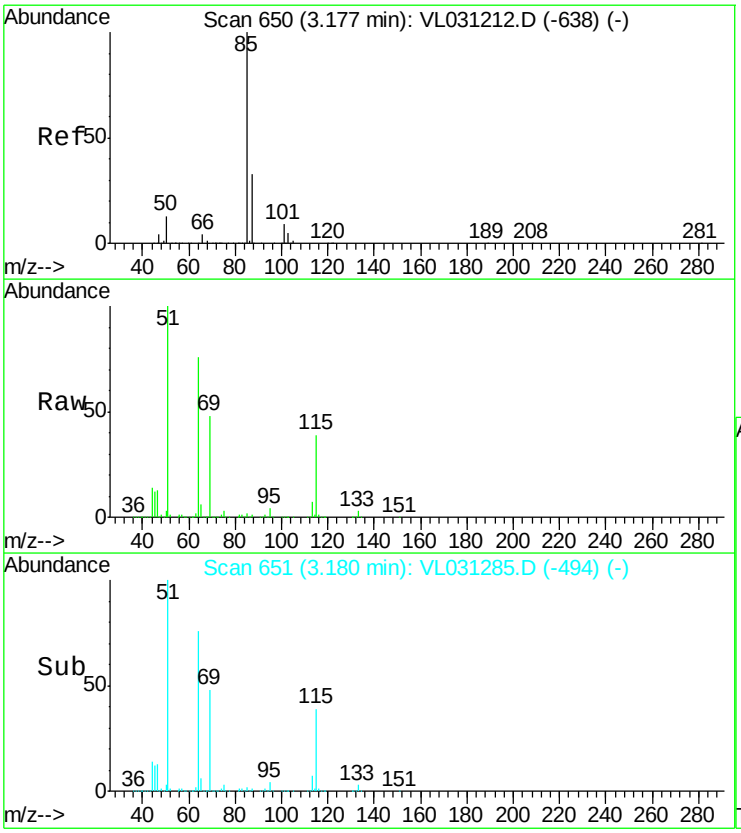
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.92 min Scan# 1502
Delta R.T. 0.01 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-6

Tgt Ion: 49 Resp: 1588178

Ion	Ratio	Lower	Upper
49	100		
128	47.4	23.2	69.5
130	61.1	29.6	88.8

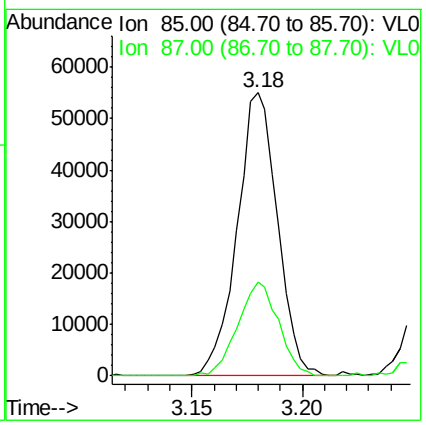


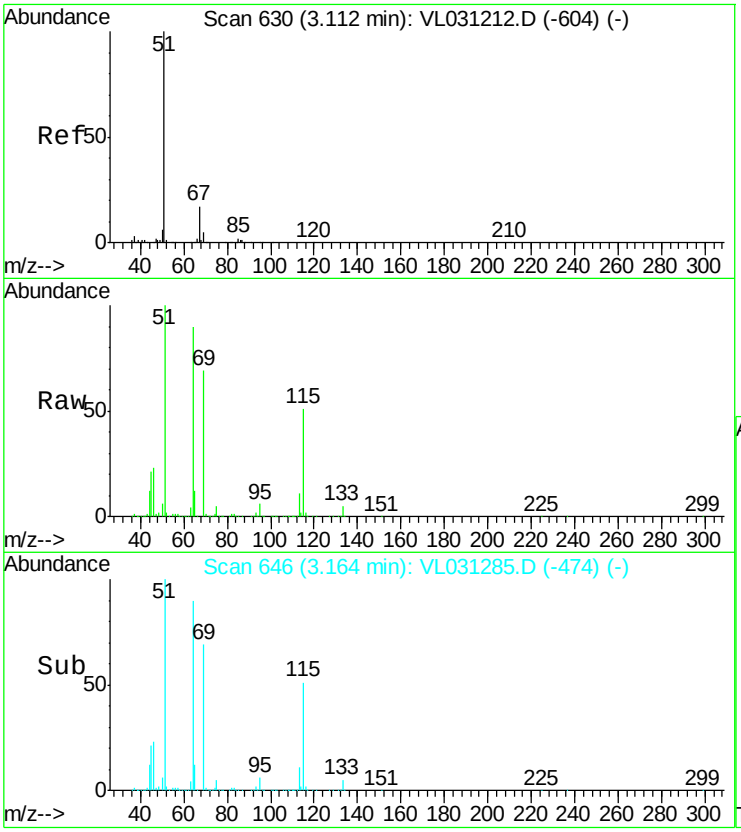


#2
Dichlorodifluoromethane
Concen: 0.52 ppbv
RT: 3.18 min Scan# 651
Delta R.T. 0.00 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Tgt Ion: 85 Resp: 69923

Ion	Ratio	Lower	Upper
85	100		
87	33.4	26.2	39.2



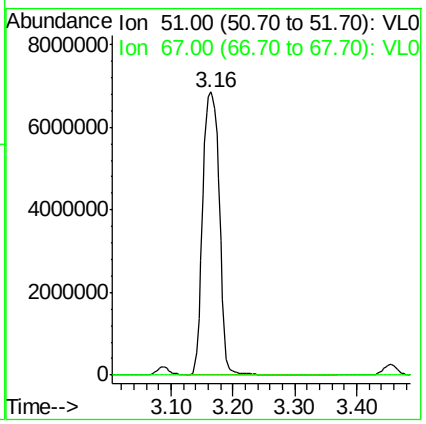


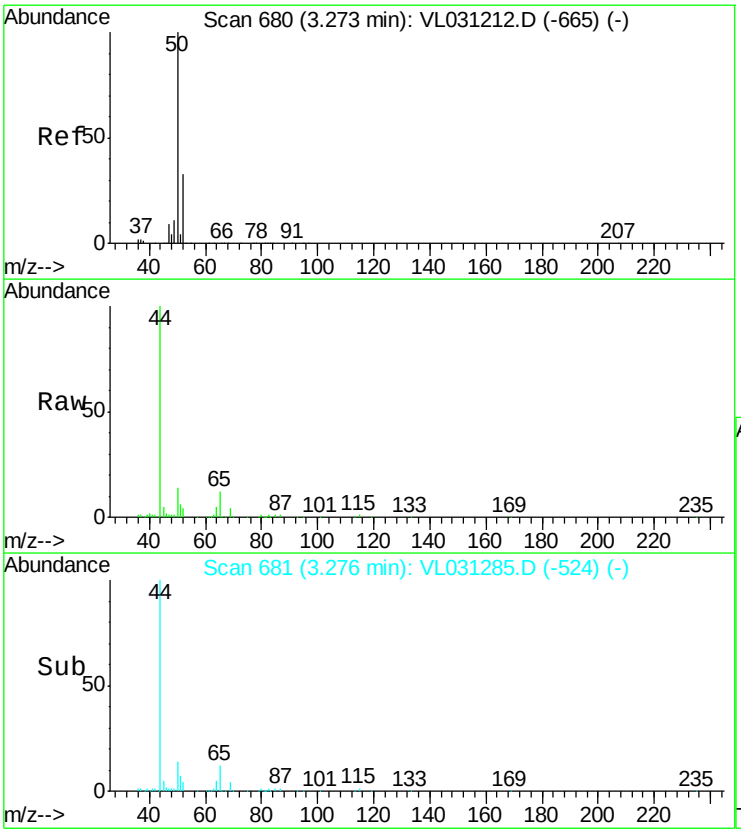
#3
Chlorodifluoromethane
Concen: 70.70 ppbv
RT: 3.16 min Scan# 646
Delta R.T. 0.05 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-6

Tgt Ion: 51 Resp:12766545

Ion	Ratio	Lower	Upper
51	100		
67	0.1	13.8	20.6#

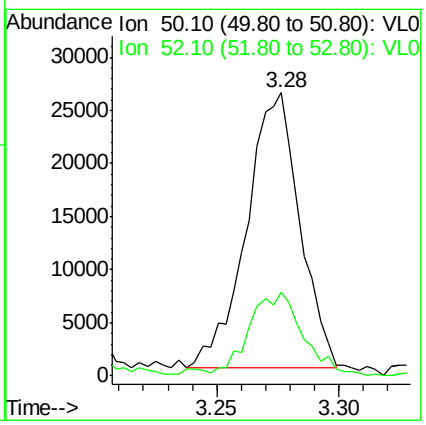


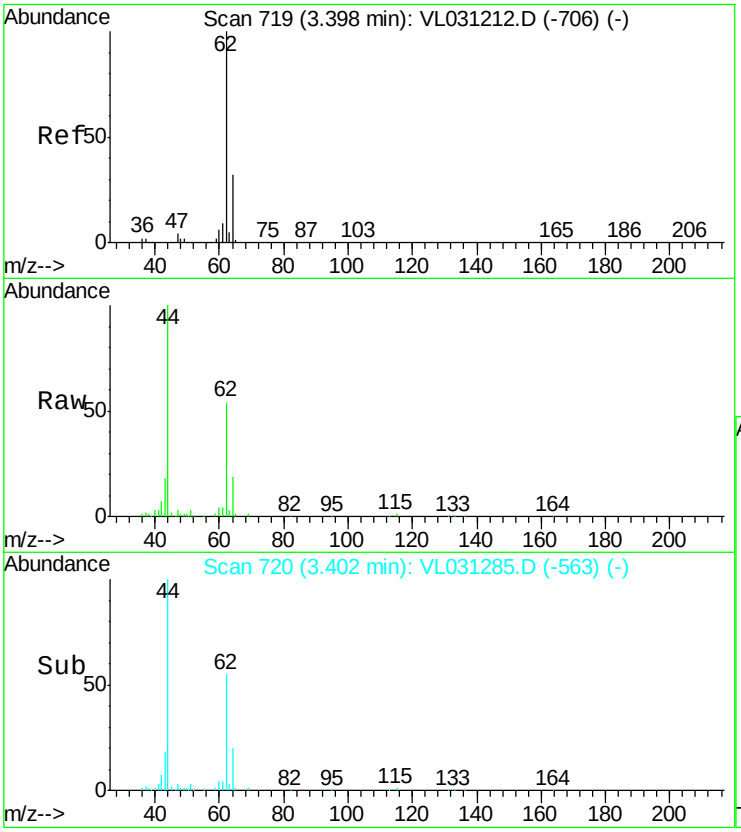


#4
Chloromethane
Concen: 0.40 ppbv
RT: 3.28 min Scan# 681
Delta R.T. 0.00 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Tgt Ion: 50 Resp: 38923

Ion	Ratio	Lower	Upper
50	100		
52	28.3	26.5	39.7



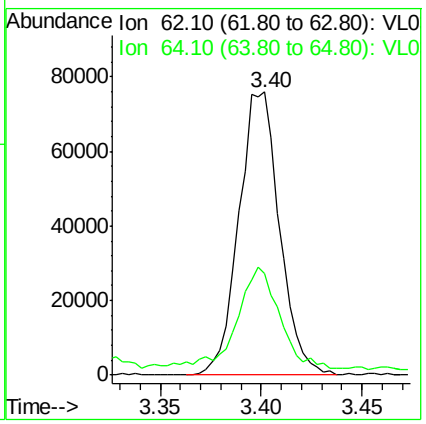


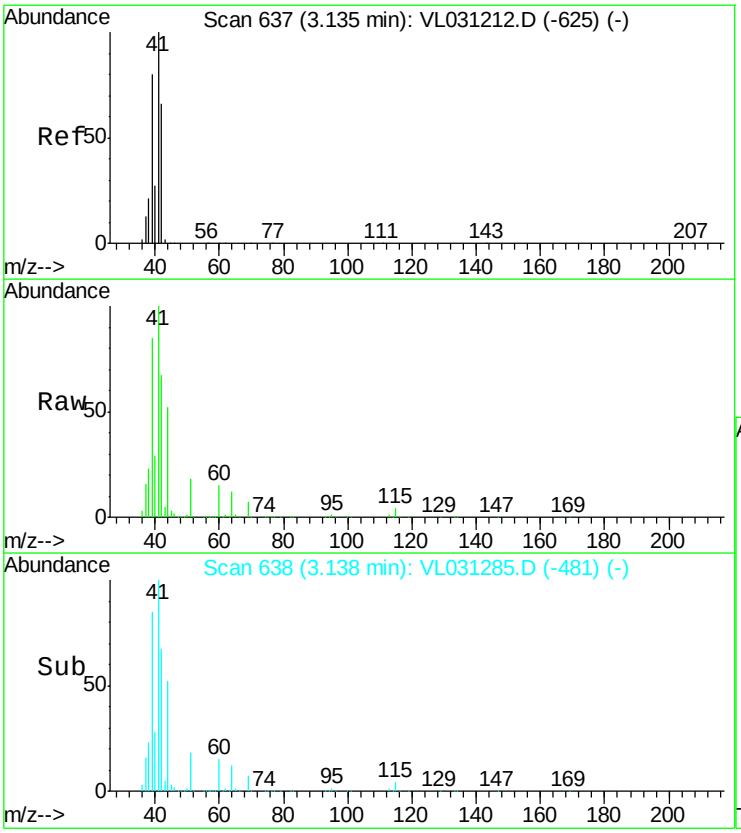
#5
Vinyl Chloride
Concen: 1.07 ppbv
RT: 3.40 min Scan# 720
Delta R.T. 0.00 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Instrument : MSVOA_L
ClientSampleId : EP1-SV-6

Tgt Ion: 62 Resp: 107939

Ion	Ratio	Lower	Upper
62	100		
64	33.5	25.9	38.9

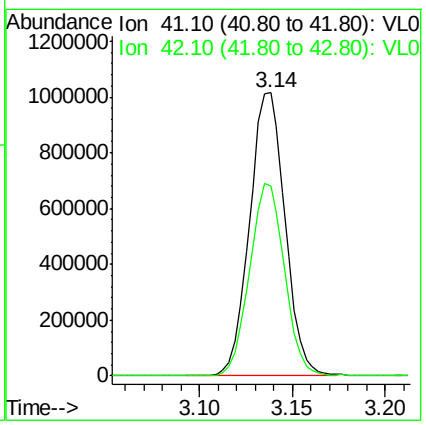


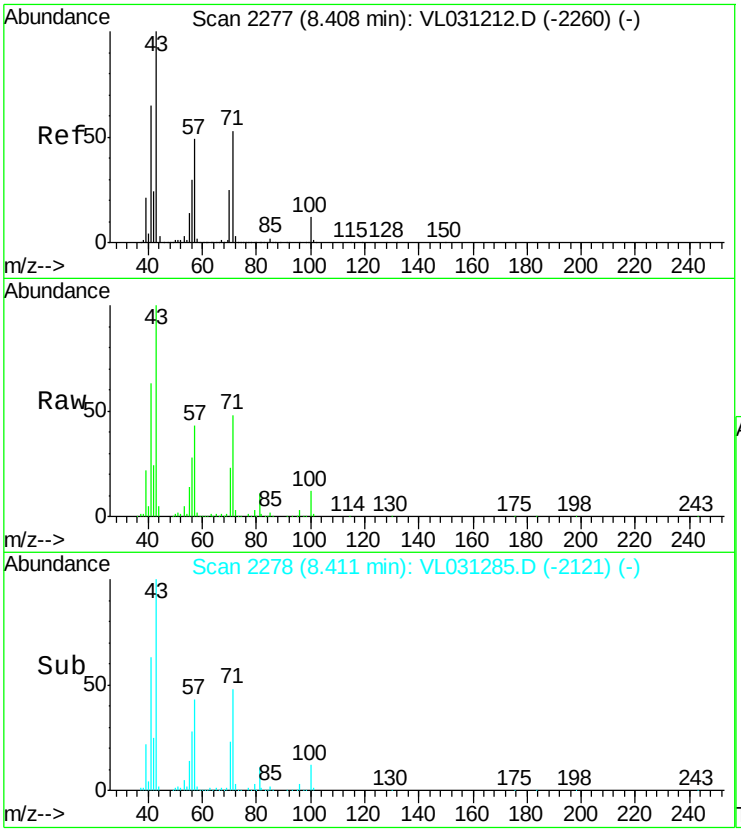


#9
Propene
Concen: 15.18 ppbv
RT: 3.14 min Scan# 638
Delta R.T. 0.00 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Tgt Ion: 41 Resp: 1345619

Ion	Ratio	Lower	Upper
41	100		
42	67.3	54.3	81.5



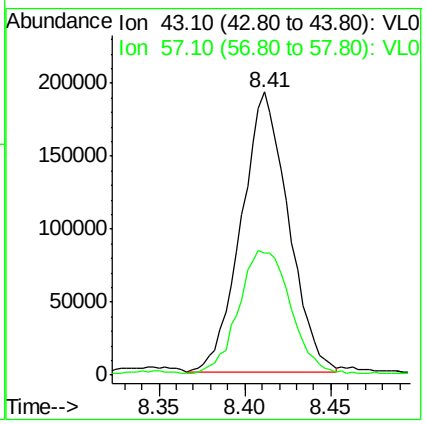


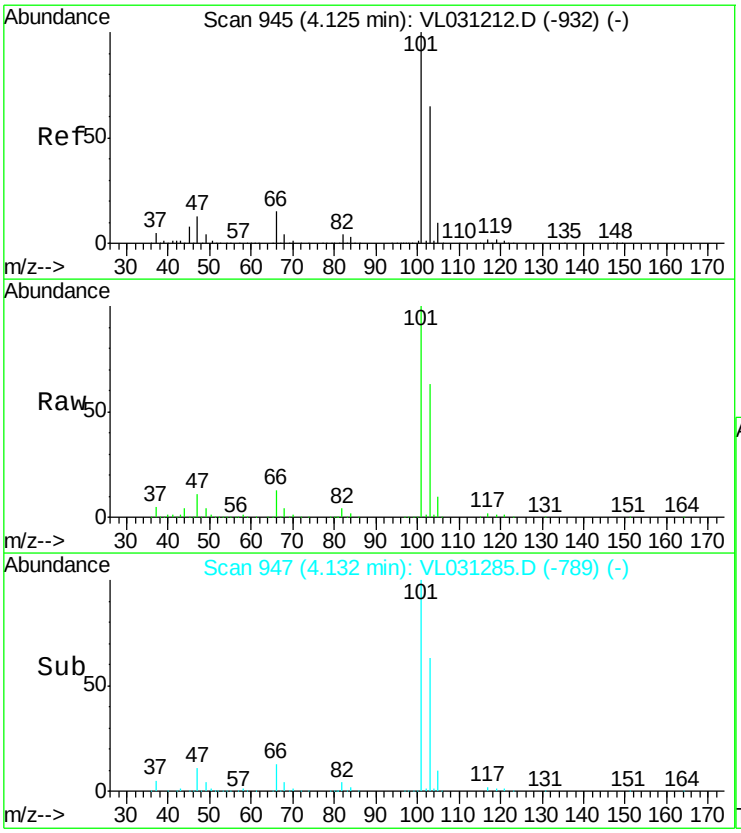
#10
Heptane
Concen: 1.35 ppbv
RT: 8.41 min Scan# 2278
Delta R.T. 0.00 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-6

Tgt Ion: 43 Resp: 363900

Ion	Ratio	Lower	Upper
43	100		
57	48.7	39.8	59.8

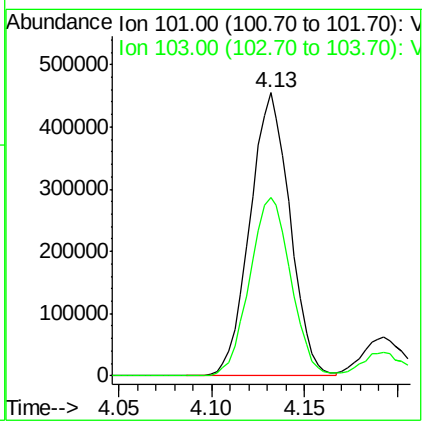


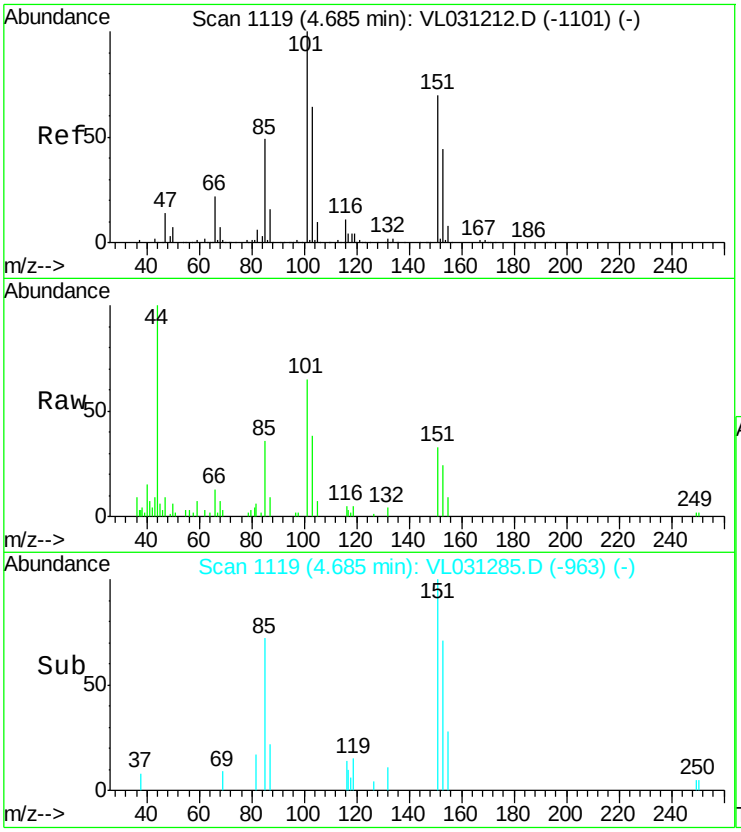


#11
Trichlorofluoromethane
Concen: 3.08 ppbv
RT: 4.13 min Scan# 947
Delta R.T. 0.01 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Tgt Ion:101 Resp: 678953

Ion	Ratio	Lower	Upper
101	100		
103	62.8	51.8	77.8



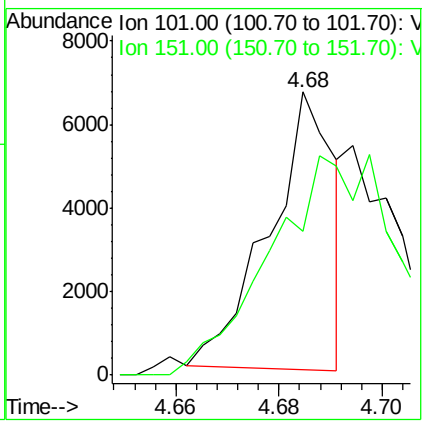


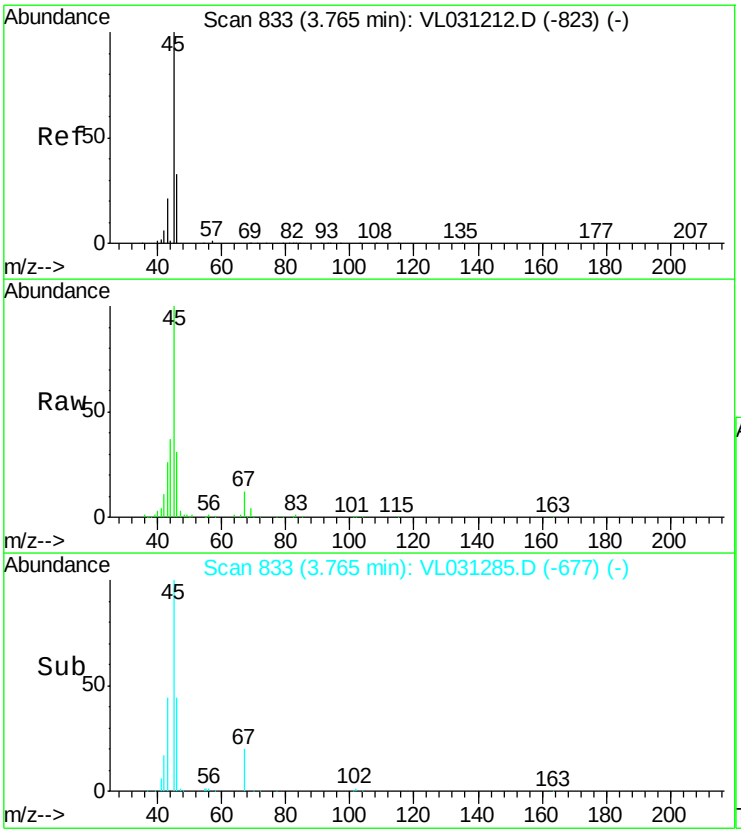
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.04 ppbv
RT: 4.68 min Scan# 1119
Delta R.T. 0.00 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Instrument : MSVOA_L
ClientSampleId : EP1-SV-6

Tgt Ion:101 Resp: 5786

Ion	Ratio	Lower	Upper
101	100		
151	0.0	56.5	84.7#

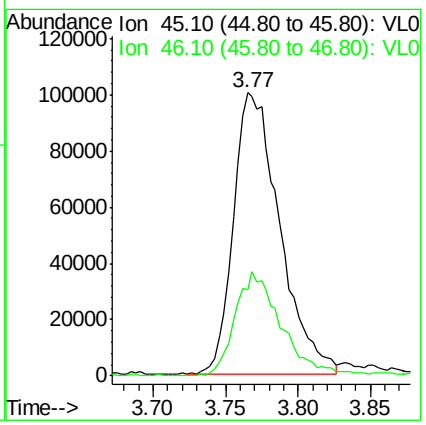


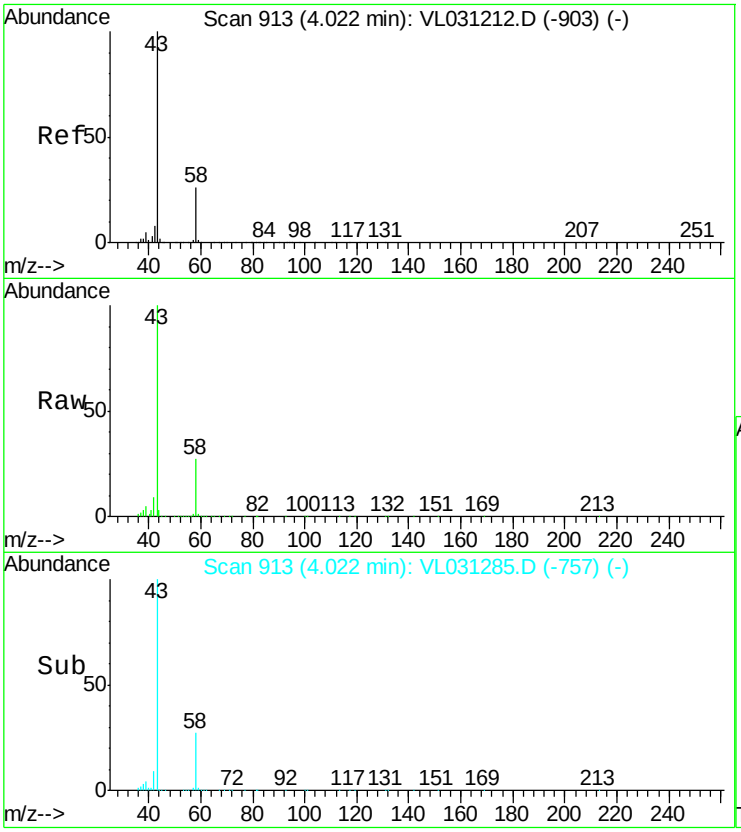


#13
Ethanol
Concen: 8.67 ppbv
RT: 3.77 min Scan# 833
Delta R.T. 0.00 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Tgt Ion: 45 Resp: 221661

Ion	Ratio	Lower	Upper
45	100		
46	37.3	14.6	58.4



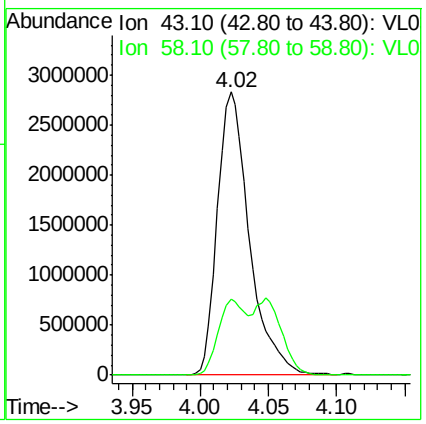


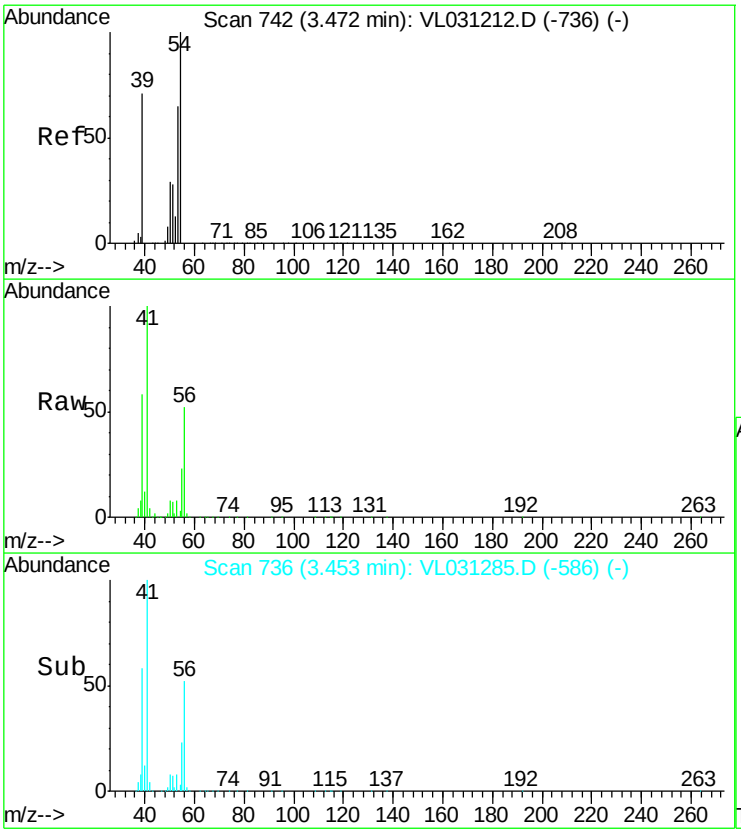
#15
Acetone
Concen: 21.93 ppbv
RT: 4.02 min Scan# 913
Delta R.T. 0.00 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-6

Tgt Ion: 43 Resp: 4597296

Ion	Ratio	Lower	Upper
43	100		
58	47.5	20.3	30.5#

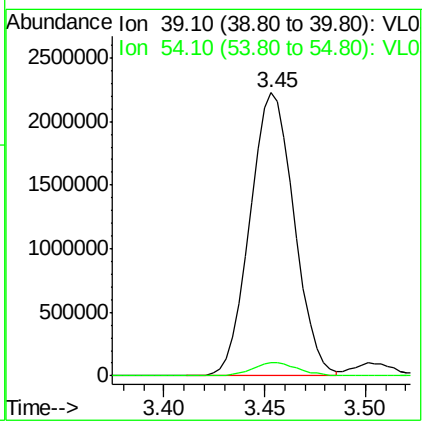


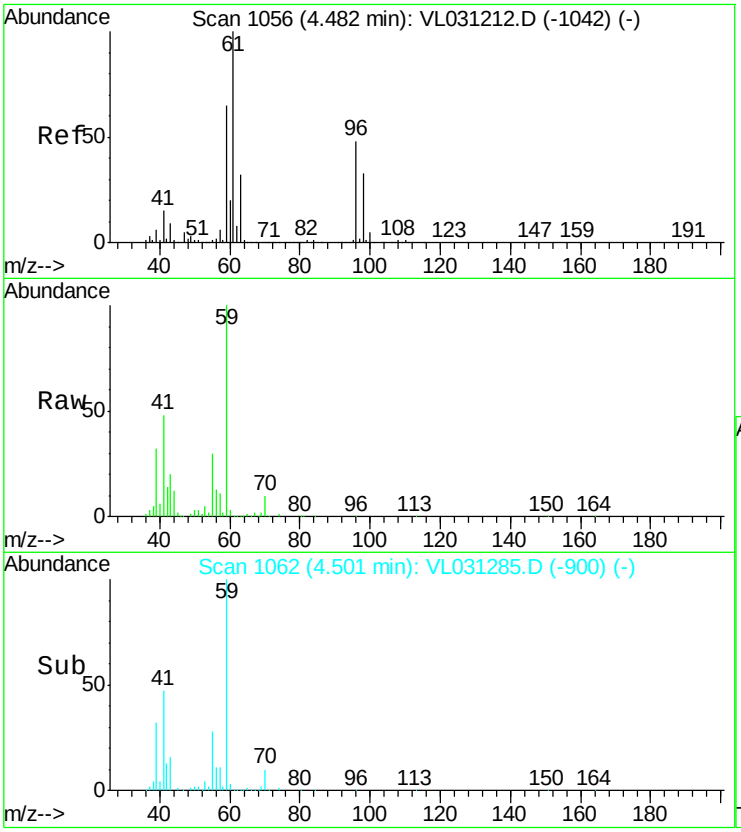


#16
1,3-Butadiene
Concen: 37.75 ppbv
RT: 3.45 min Scan# 736
Delta R.T. -0.02 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Tgt Ion: 39 Resp: 3404150

Ion	Ratio	Lower	Upper
39	100		
54	5.0	66.4	99.6#



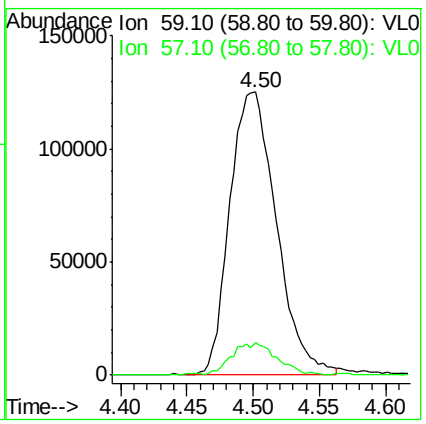


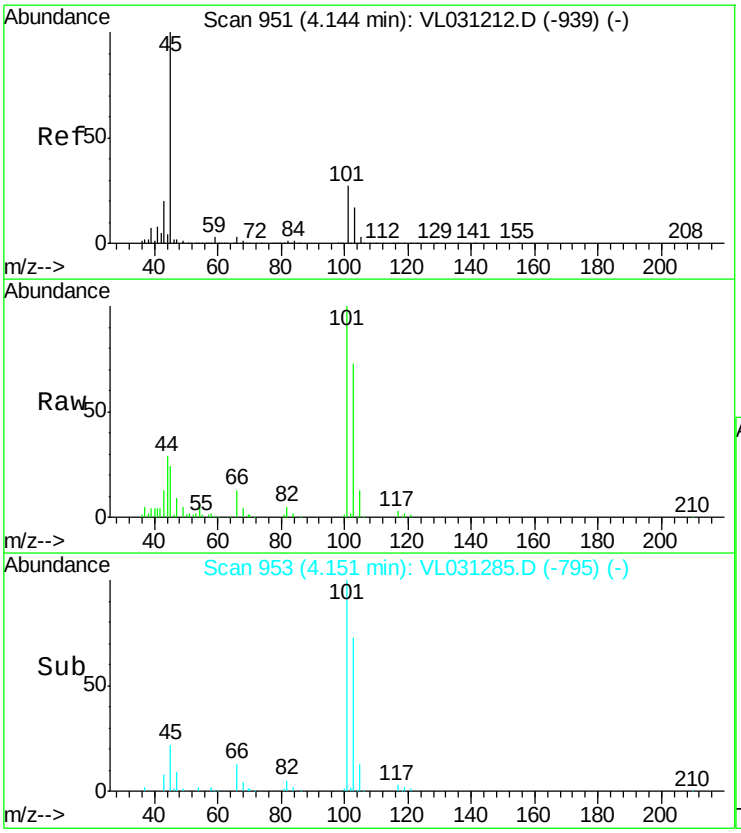
#17
tert-Butyl alcohol
Concen: 2.59 ppbv
RT: 4.50 min Scan# 1062
Delta R.T. 0.02 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-6

Tgt Ion: 59 Resp: 305166

Ion	Ratio	Lower	Upper
59	100		
57	11.8	8.2	12.2

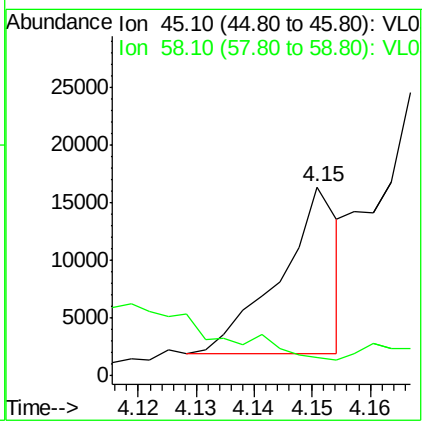


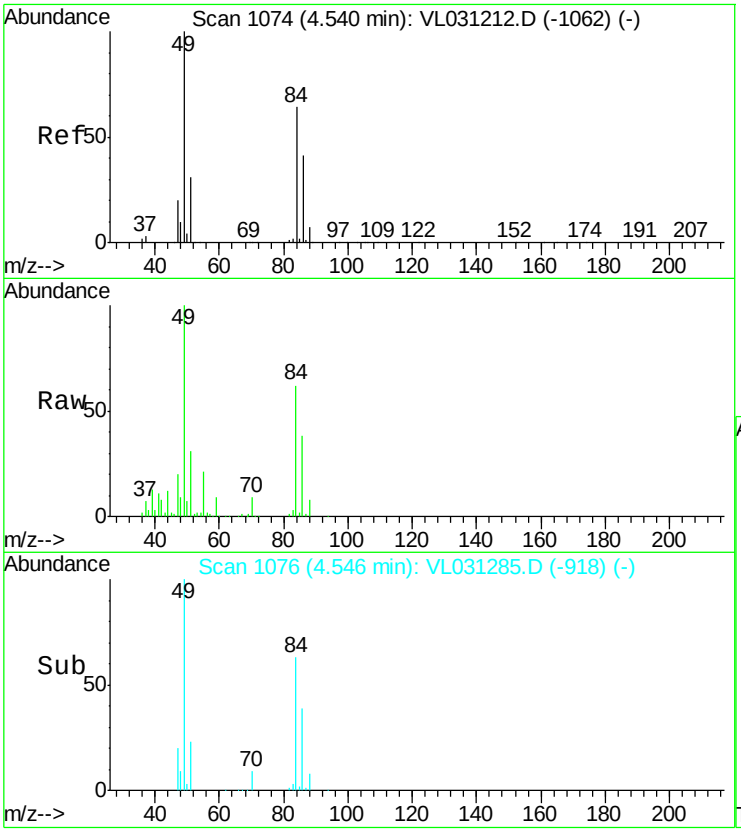


#19
Isopropyl Alcohol
Concen: 0.08 ppbv
RT: 4.15 min Scan# 953
Delta R.T. 0.01 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Tgt Ion: 45 Resp: 10064

Ion	Ratio	Lower	Upper
45	100		
58	0.0	27.2	40.8#



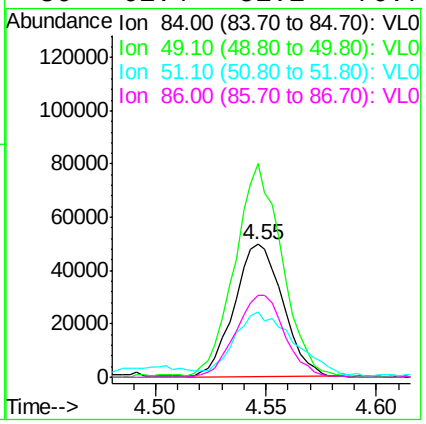


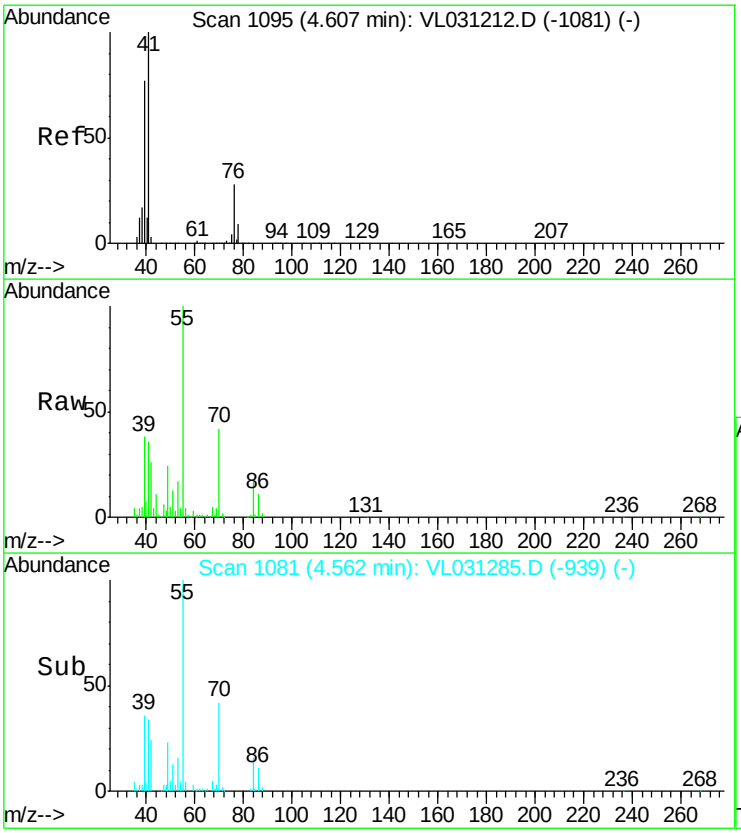
#20
Methylene Chloride
Concen: 1.10 ppbv
RT: 4.55 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Instrument : MSVOA_L
ClientSampleId : EP1-SV-6

Tgt Ion: 84 Resp: 76353

Ion	Ratio	Lower	Upper
84	100		
49	160.4	125.8	188.6
51	44.8	39.3	58.9
86	61.4	51.1	76.7

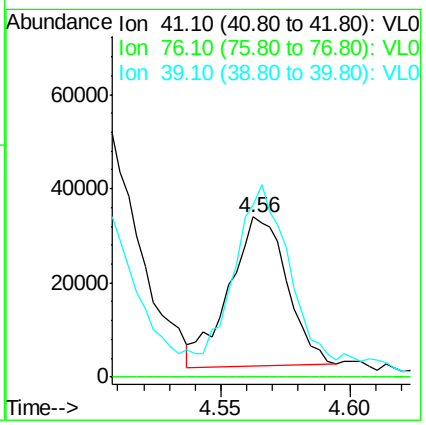


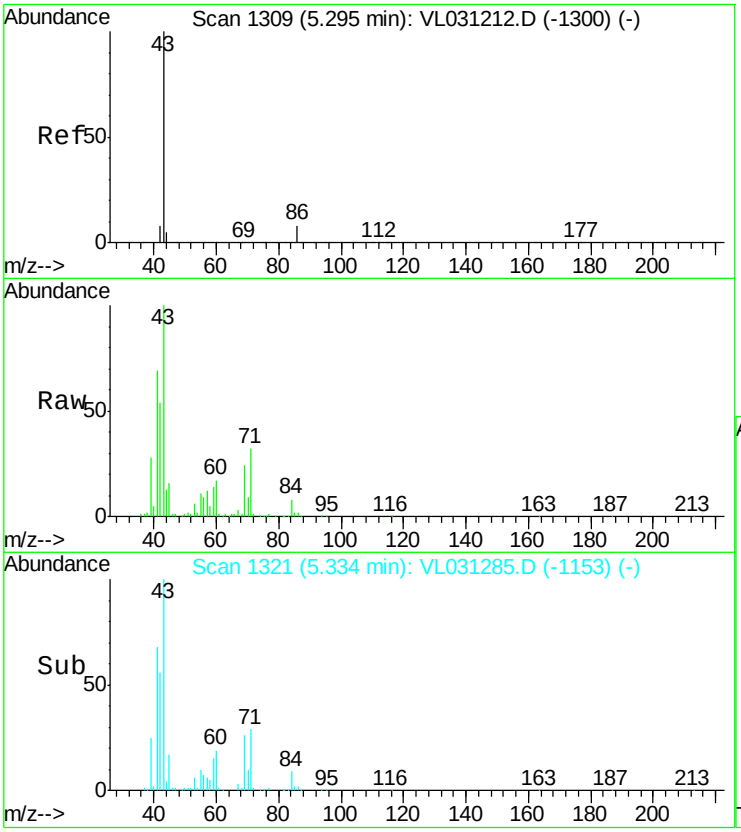


#21
Allyl Chloride
Concen: 0.40 ppbv
RT: 4.56 min Scan# 1081
Delta R.T. -0.04 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Tgt Ion: 41 Resp: 49092

Ion	Ratio	Lower	Upper
41	100		
76	681.4	22.9	34.3#
39	136.0	62.6	93.8#



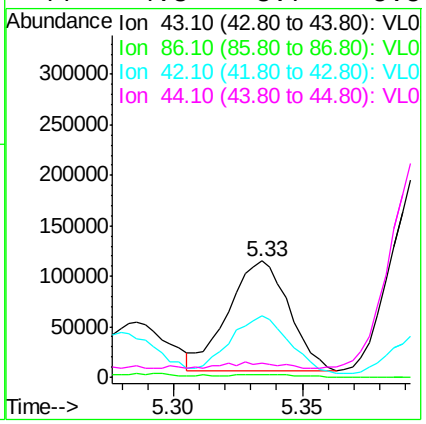


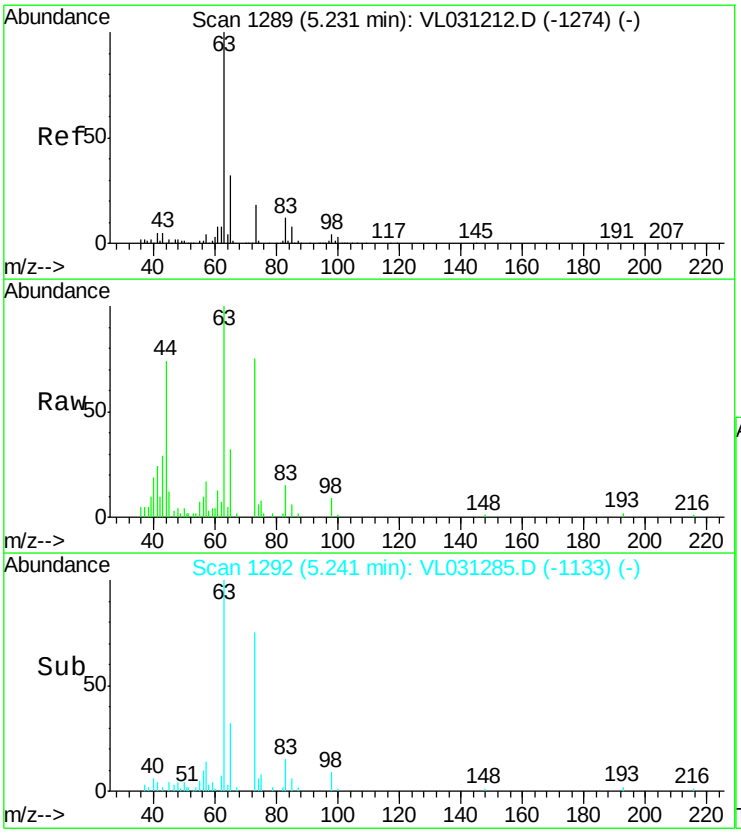
#23
Vinyl Acetate
Concen: 0.53 ppbv
RT: 5.33 min Scan# 1321
Delta R.T. 0.04 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Instrument : MSVOA_L
ClientSampleId : EP1-SV-6

Tgt Ion: 43 Resp: 179076

Ion	Ratio	Lower	Upper
43	100		
86	2.1	5.9	8.9#
42	53.6	7.3	10.9#
44	4.8	3.7	5.5

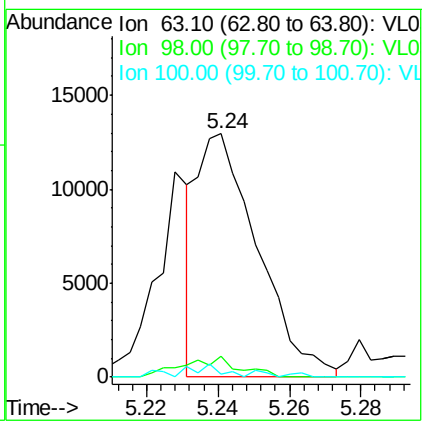


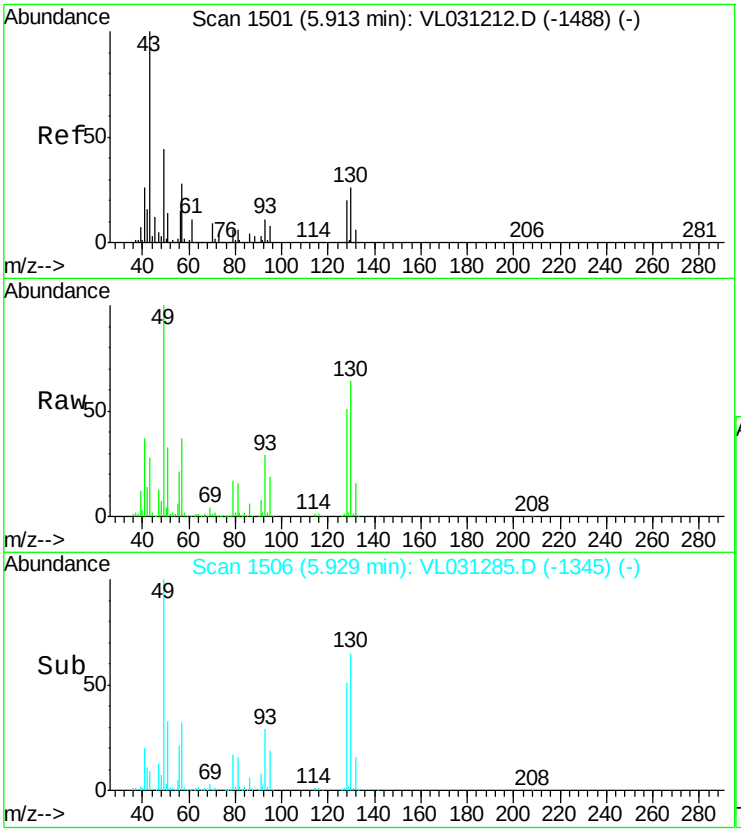


#24
1,1-Dichloroethane
Concen: 0.06 ppbv
RT: 5.24 min Scan# 1292
Delta R.T. 0.01 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Tgt Ion: 63 Resp: 15221

Ion	Ratio	Lower	Upper
63	100		
98	8.9	2.3	6.8#
100	1.4	1.4	4.2#



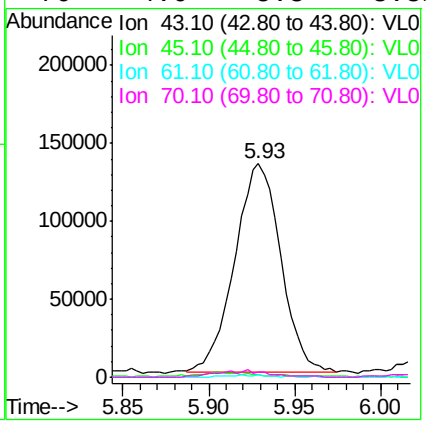


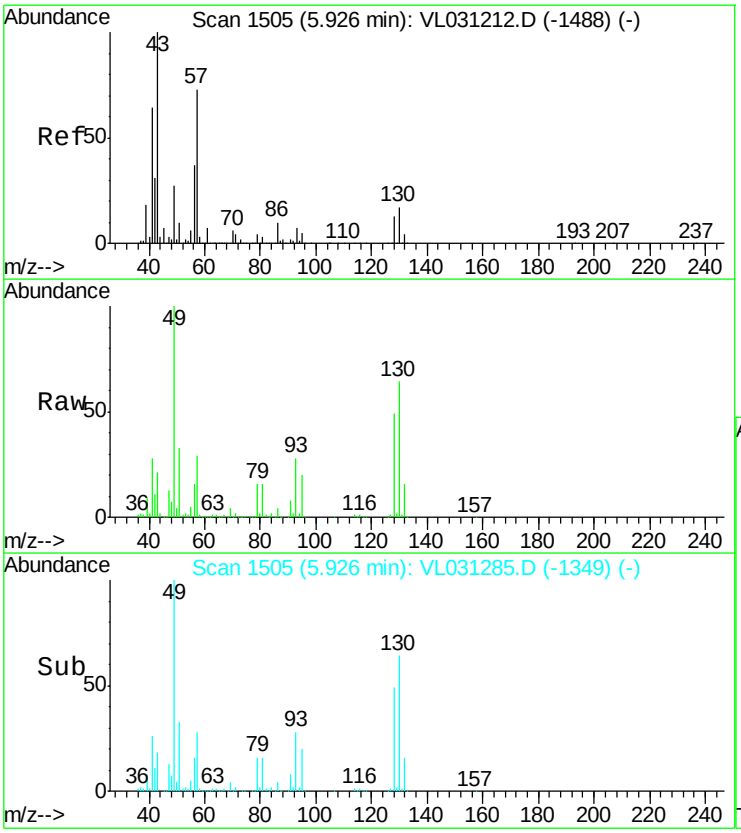
#25
Ethyl Acetate
Concen: 0.58 ppbv
RT: 5.93 min Scan# 1506
Delta R.T. 0.02 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Instrument : MSVOA_L
ClientSampleId : EP1-SV-6

Tgt Ion: 43 Resp: 249551

Ion	Ratio	Lower	Upper
43	100		
45	2.9	8.0	12.0#
61	1.2	7.4	11.0#
70	4.0	5.8	8.8#

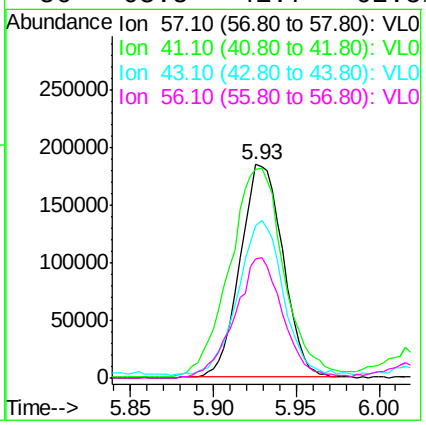


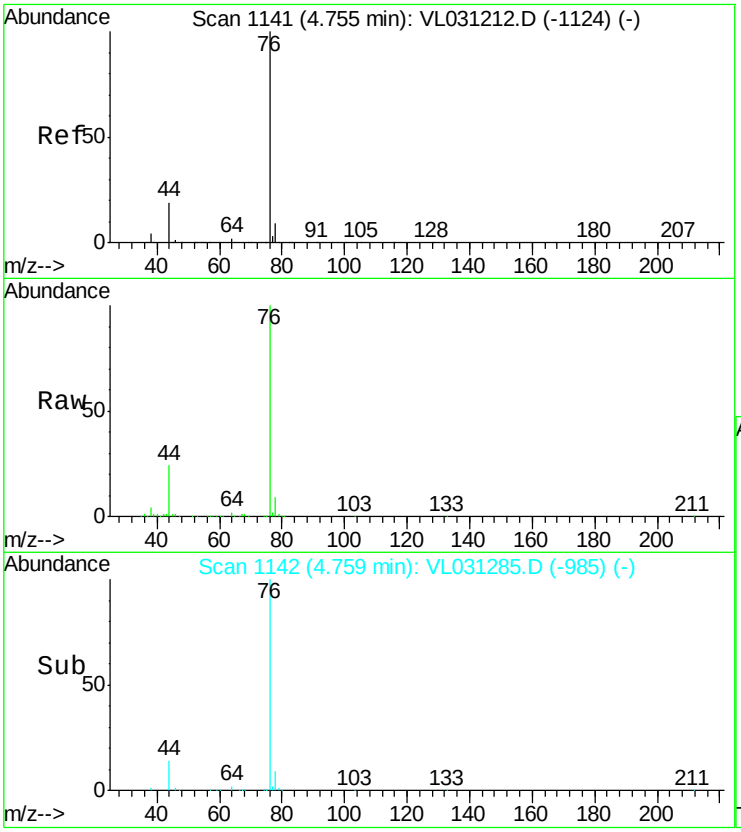


#26
Hexane
Concen: 1.63 ppbv
RT: 5.93 min Scan# 1505
Delta R.T. 0.00 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Tgt Ion: 57 Resp: 331505

Ion	Ratio	Lower	Upper
57	100		
41	125.0	70.3	105.5#
43	0.0	173.8	260.8#
56	63.5	41.7	62.5#



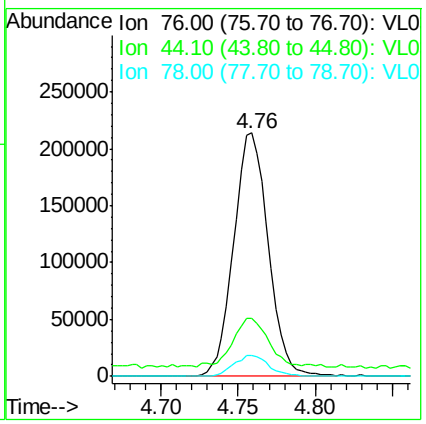


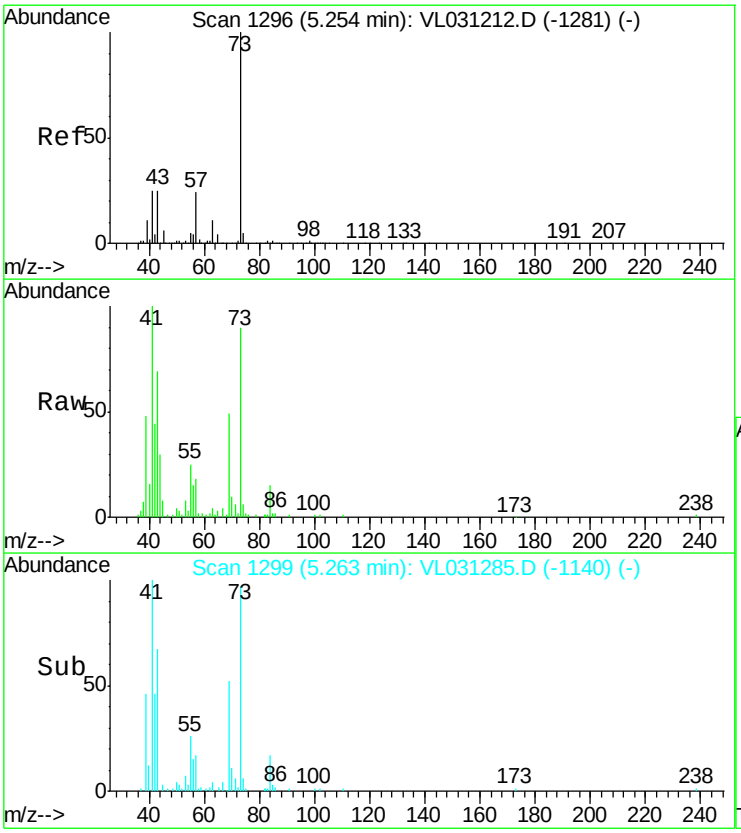
#27
Carbon Disulfide
Concen: 1.63 ppbv
RT: 4.76 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-6

Tgt Ion: 76 Resp: 332373

Ion	Ratio	Lower	Upper
76	100		
44	24.0	16.0	24.0
78	8.9	7.5	11.3

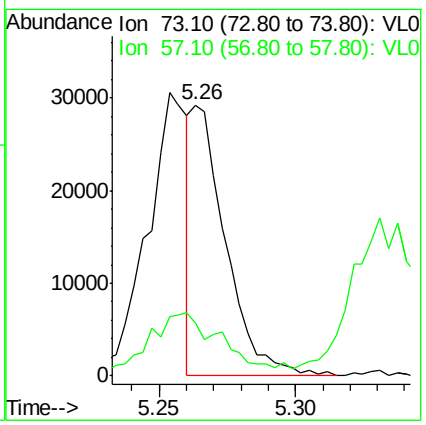


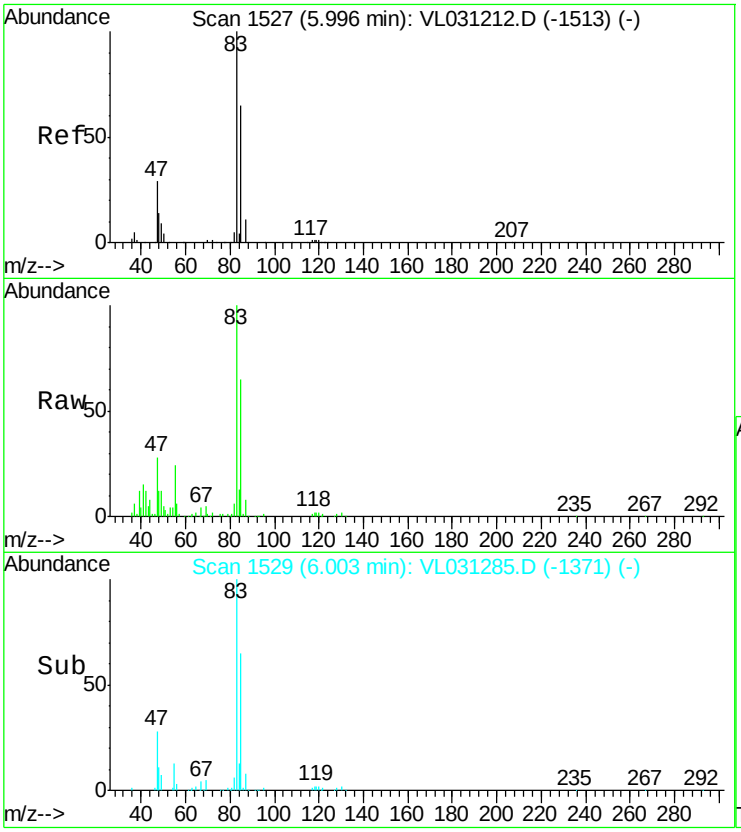


#28
Methyl tert-Butyl Ether
Concen: 0.09 ppbv
RT: 5.26 min Scan# 1299
Delta R.T. 0.01 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Tgt Ion: 73 Resp: 24879

Ion	Ratio	Lower	Upper
73	100		
57	0.0	18.5	27.7#



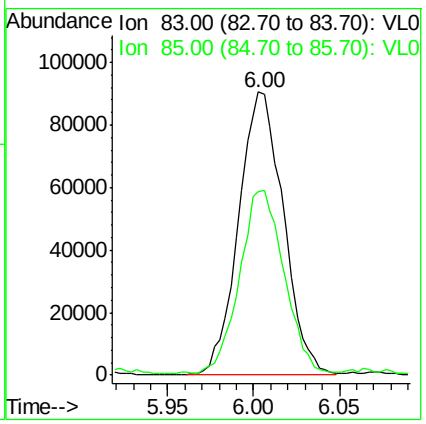


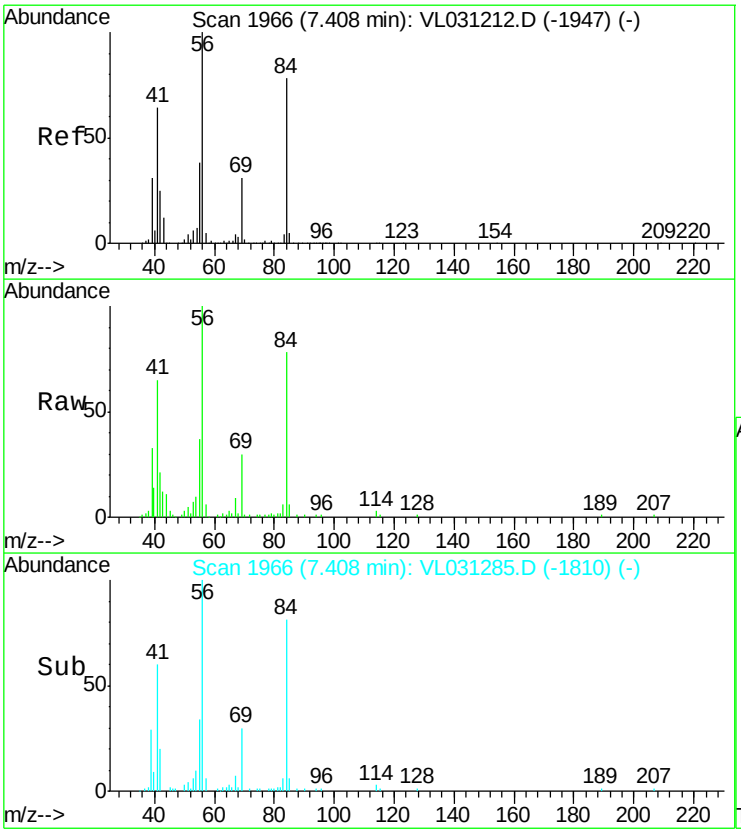
#29
Chloroform
Concen: 0.59 ppbv
RT: 6.00 min Scan# 1529
Delta R.T. 0.01 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-6

Tgt Ion: 83 Resp: 162214

Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.8	77.6

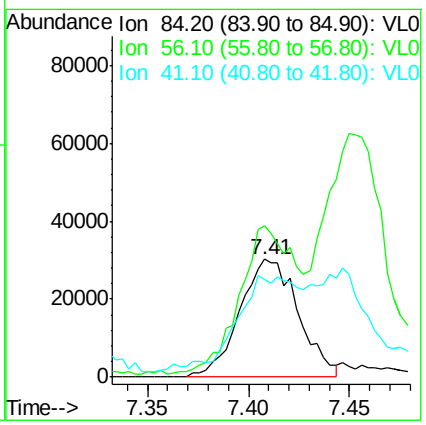


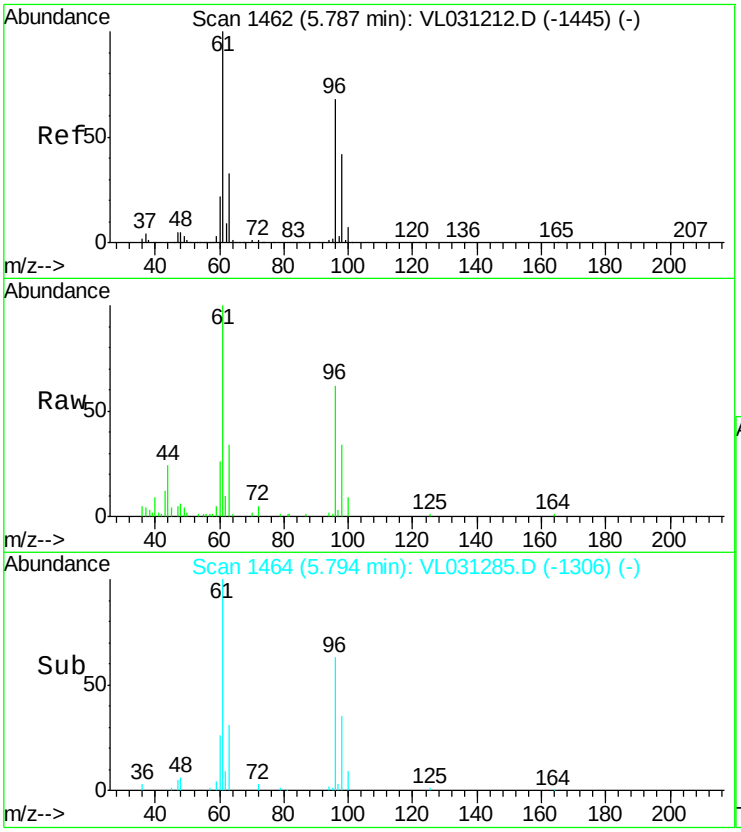


#30
Cyclohexane
Concen: 0.34 ppbv
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Tgt Ion: 84 Resp: 61337

Ion	Ratio	Lower	Upper
84	100		
56	118.1	108.0	162.0
41	88.3	66.2	99.4



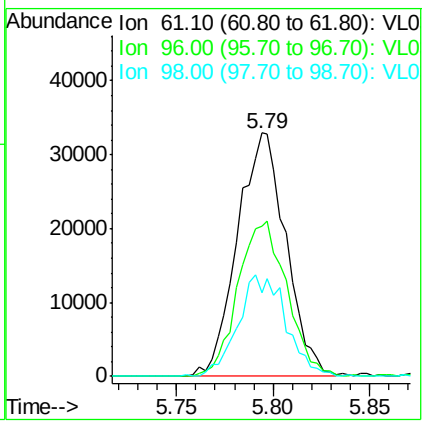


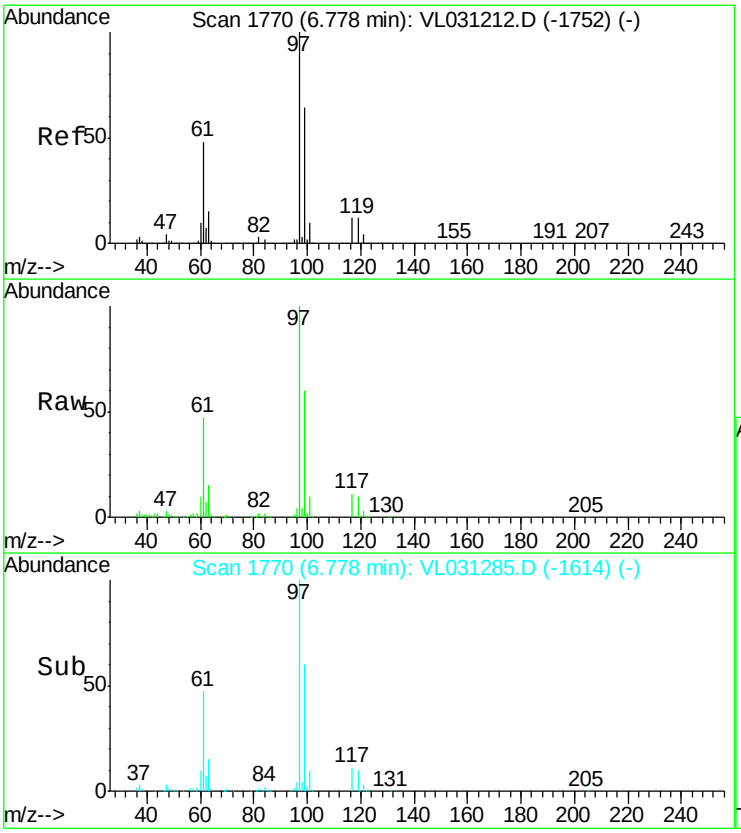
#31
cis-1,2-Dichloroethene
Concen: 0.31 ppbv
RT: 5.79 min Scan# 1464
Delta R.T. 0.01 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Instrument : MSVOA_L
ClientSampleId : EP1-SV-6

Tgt Ion: 61 Resp: 57423

Ion	Ratio	Lower	Upper
61	100		
96	61.9	54.4	81.6
98	34.4	33.6	50.4

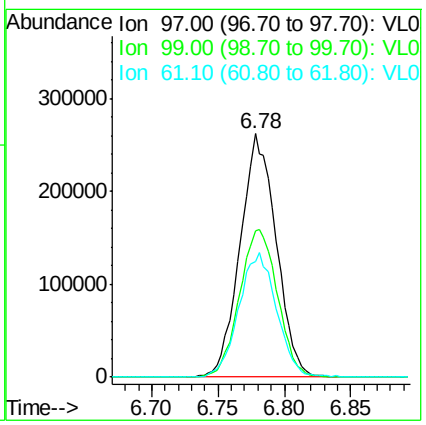


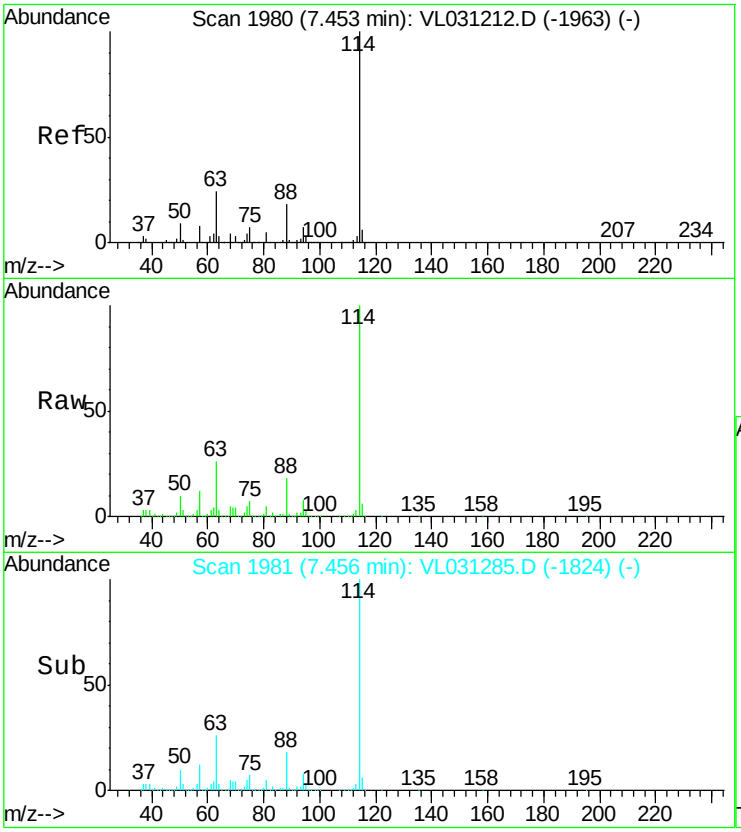


#32
1,1,1-Trichloroethane
Concen: 1.69 ppbv
RT: 6.78 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Tgt Ion: 97 Resp: 496084

Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.4	77.0
61	53.6	38.4	57.6



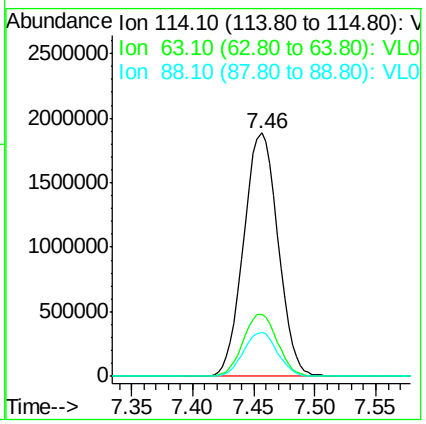


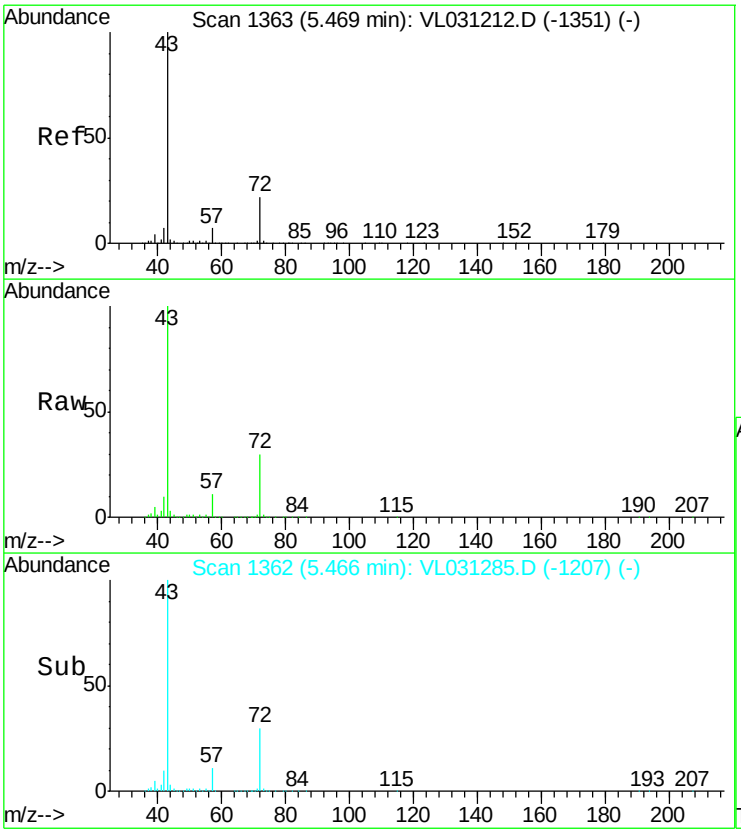
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.46 min Scan# 1981
Delta R.T. 0.00 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-6

Tgt Ion:114 Resp: 3665964

Ion	Ratio	Lower	Upper
114	100		
63	25.6	19.8	29.8
88	17.9	14.2	21.4

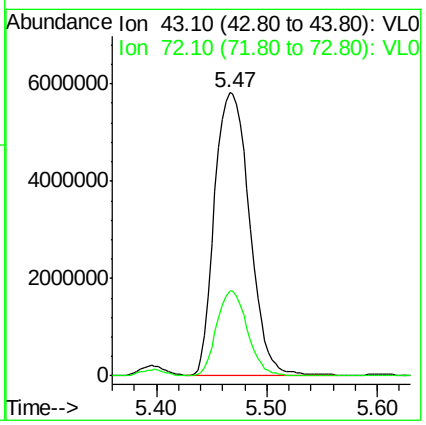


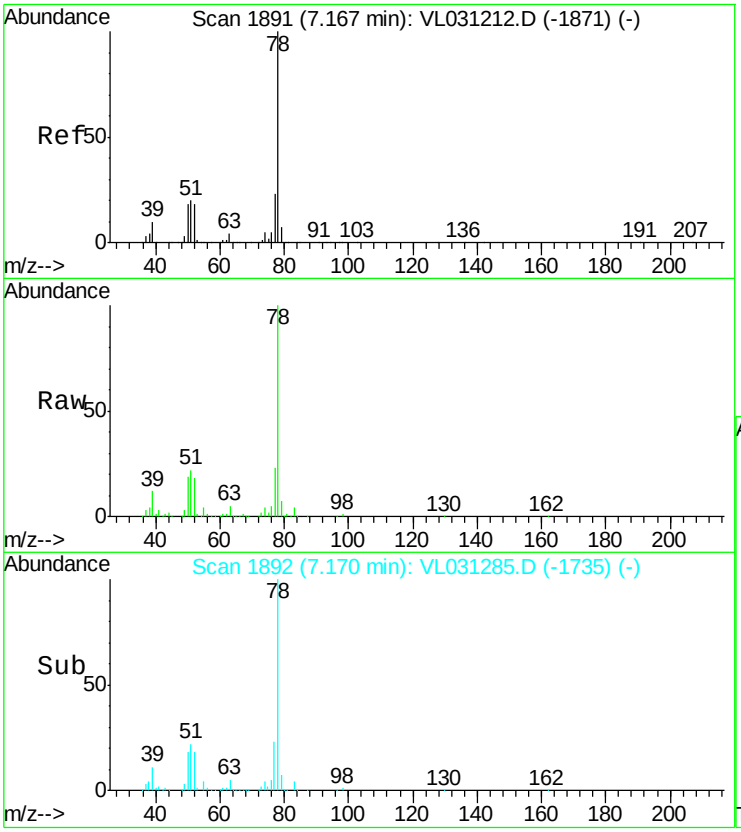


#34
2-Butanone
Concen: 49.31 ppbv
RT: 5.47 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Tgt Ion: 43 Resp:12767085

Ion	Ratio	Lower	Upper
43	100		
72	26.7	18.1	27.1



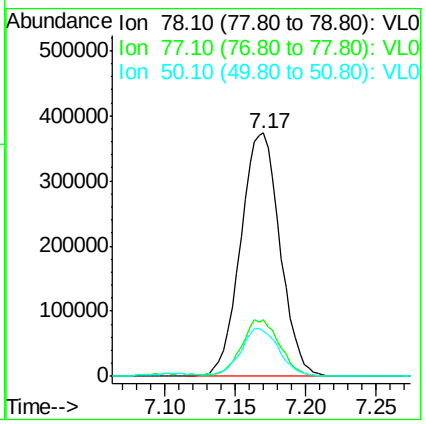


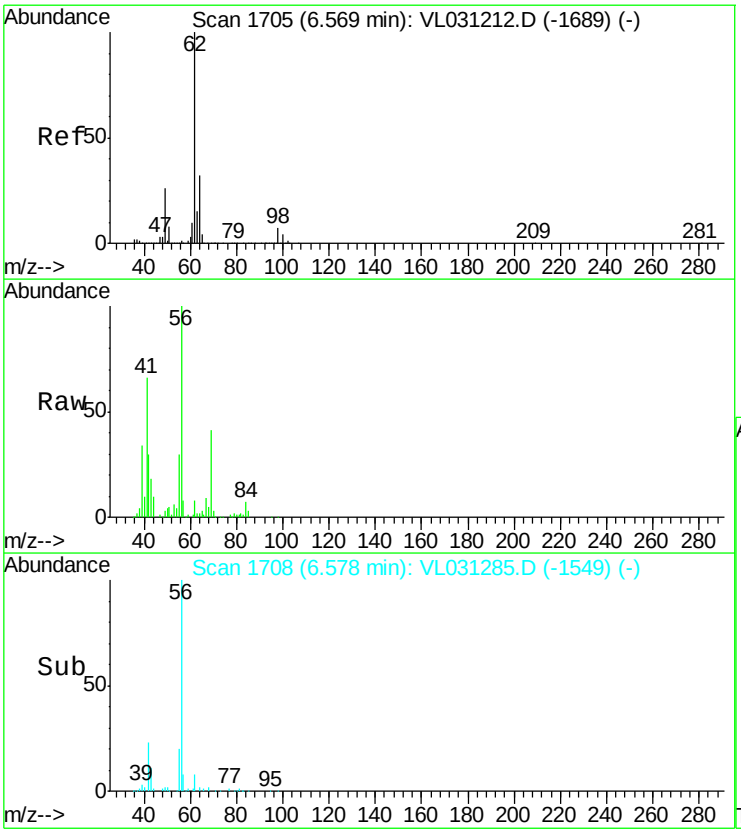
#36
Benzene
Concen: 1.87 ppbv
RT: 7.17 min Scan# 1892
Delta R.T. 0.00 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-6

Tgt Ion: 78 Resp: 726378

Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.1	27.1
50	18.2	14.6	21.8

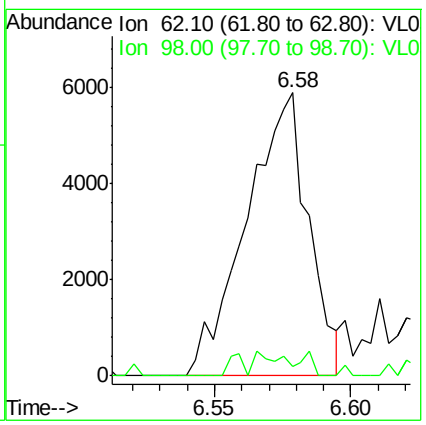


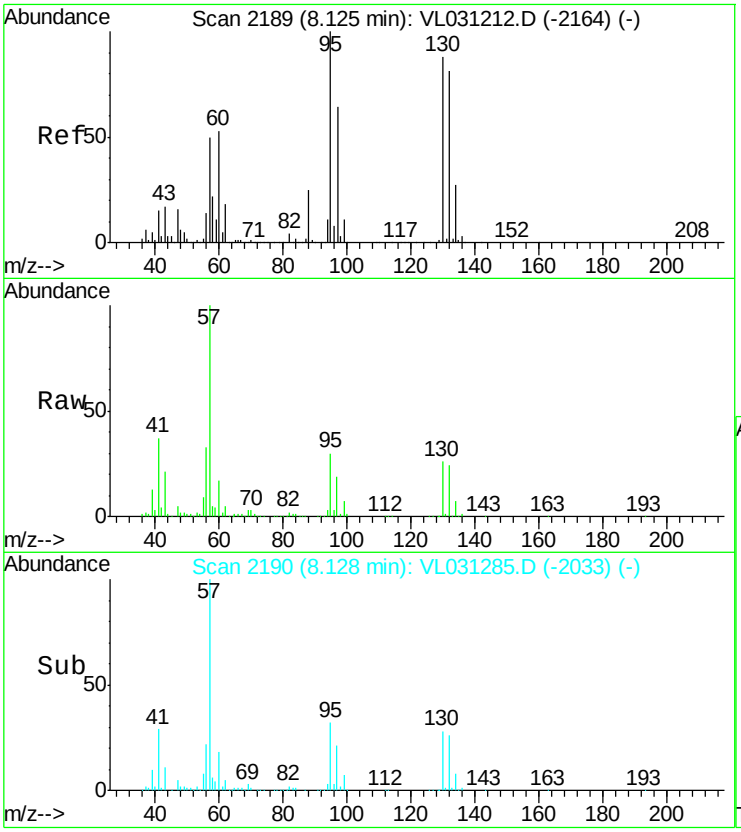


#37
1,2-Dichloroethane
Concen: 0.04 ppbv
RT: 6.58 min Scan# 1708
Delta R.T. 0.01 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Tgt Ion: 62 Resp: 9315

Ion	Ratio	Lower	Upper
62	100		
98	0.0	5.4	8.2#



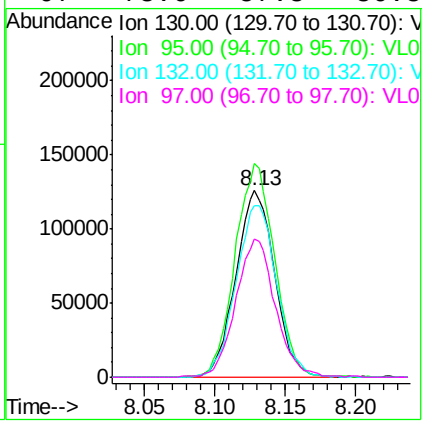


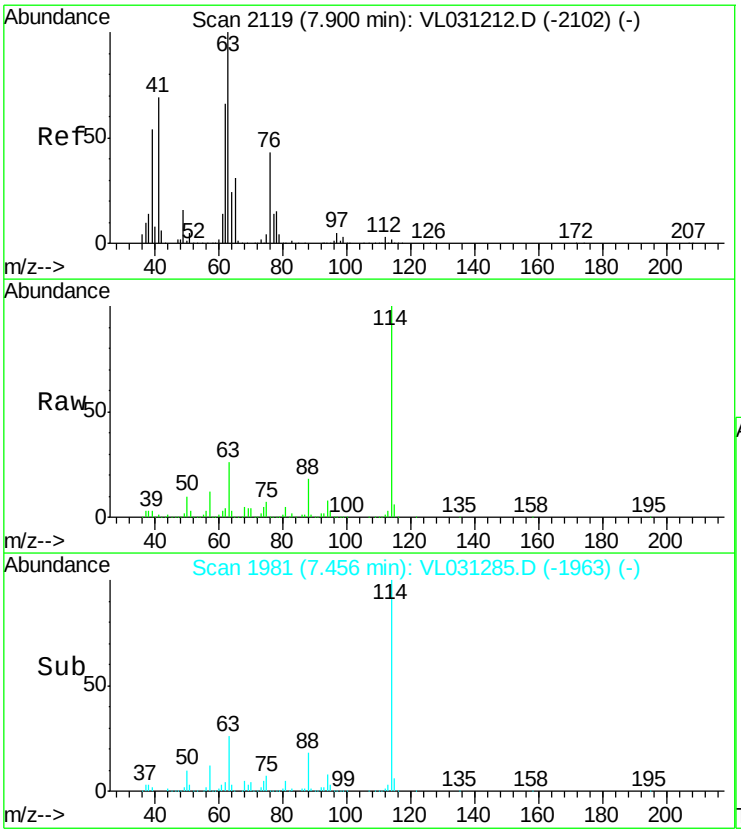
#38
Trichloroethene
Concen: 1.60 ppbv
RT: 8.13 min Scan# 2190
Delta R.T. 0.00 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Instrument : MSVOA_L
ClientSampleId : EP1-SV-6

Tgt Ion:130 Resp: 242140

Ion	Ratio	Lower	Upper
130	100		
95	114.1	90.6	135.8
132	91.8	73.5	110.3
97	73.6	57.8	86.8

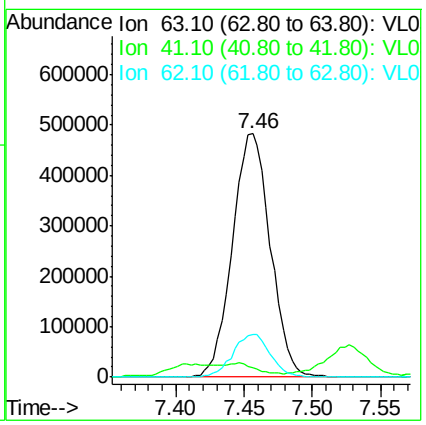


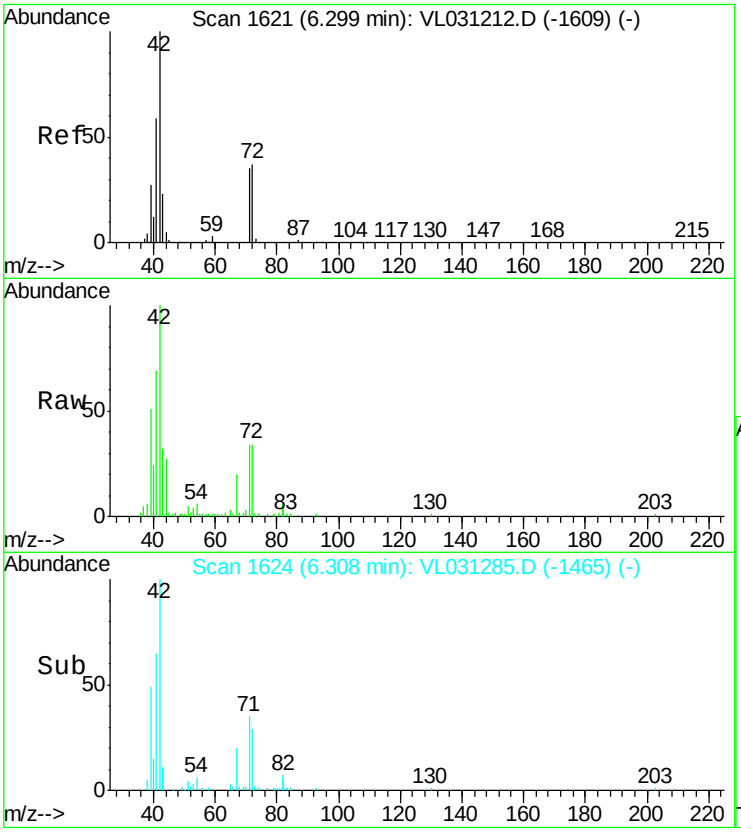


#39
1,2-Dichloropropane
Concen: 6.76 ppbv
RT: 7.46 min Scan# 1981
Delta R.T. -0.44 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Tgt Ion: 63 Resp: 928727

Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.2	82.8#
62	17.4	53.0	79.4#



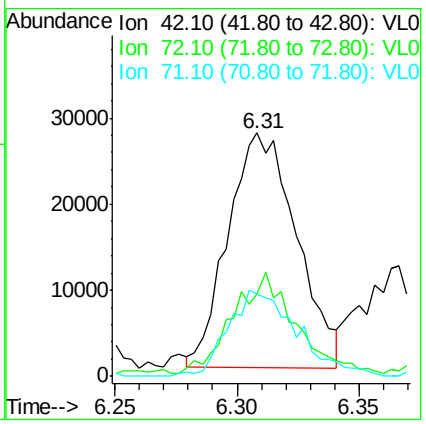


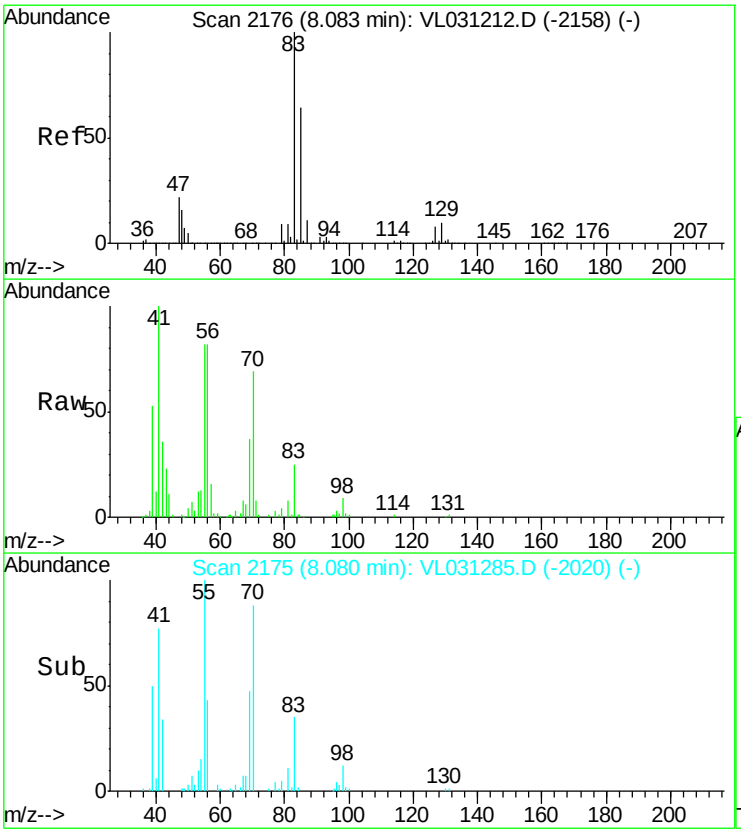
#41
Tetrahydrofuran
Concen: 0.36 ppbv
RT: 6.31 min Scan# 1624
Delta R.T. 0.01 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Instrument : MSVOA_L
ClientSampleId : EP1-SV-6

Tgt Ion: 42 Resp: 53019

Ion	Ratio	Lower	Upper
42	100		
72	44.5	30.2	45.4
71	37.8	29.0	43.6

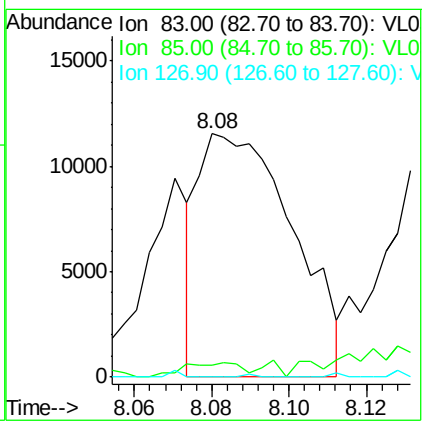


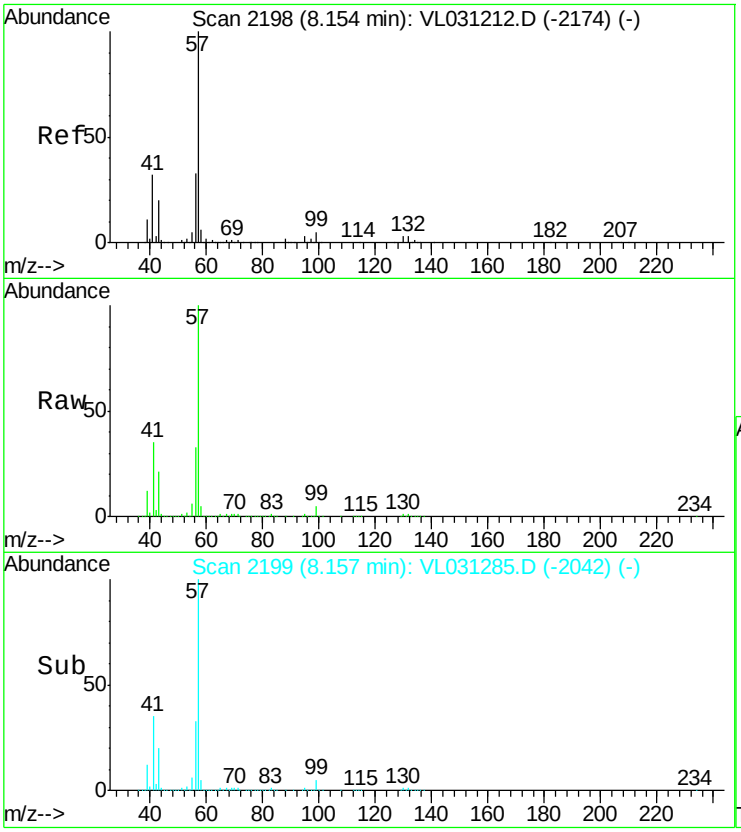


#42
Bromodichloromethane
Concen: 0.08 ppbv
RT: 8.08 min Scan# 2175
Delta R.T. -0.00 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Tgt Ion: 83 Resp: 19481

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.5	77.3#
127	0.0	6.5	9.7#



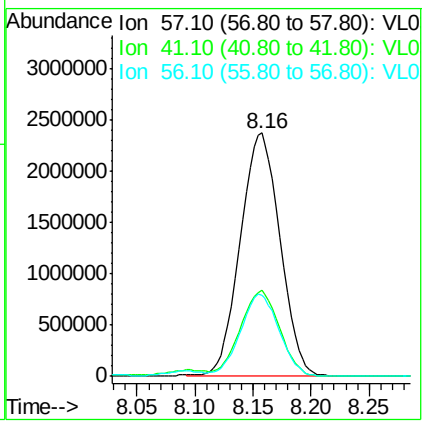


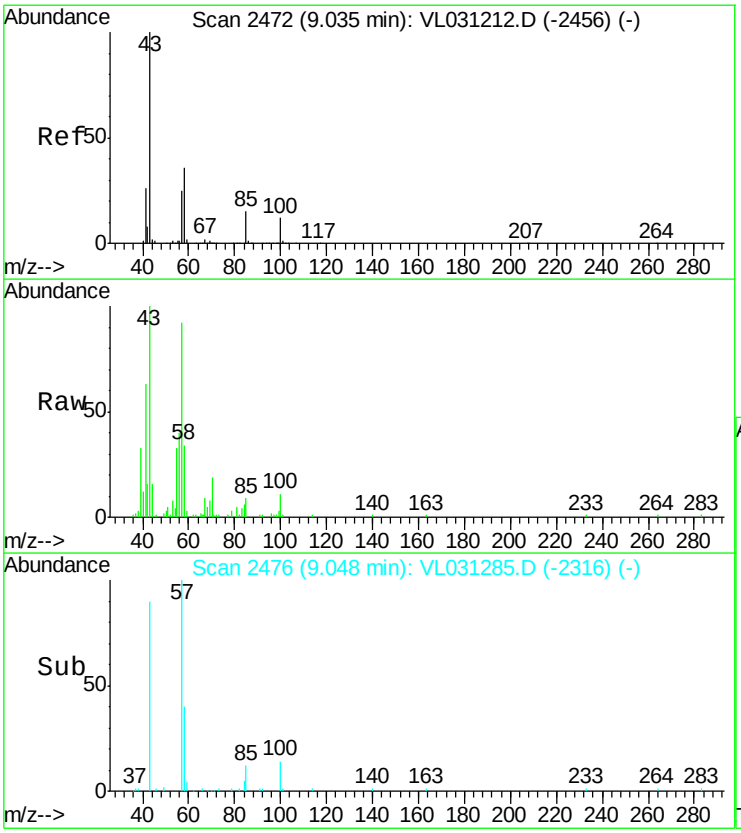
#44
2,2,4-Trimethylpentane
Concen: 9.60 ppbv
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-6

Tgt Ion: 57 Resp: 5633990

Ion	Ratio	Lower	Upper
57	100		
41	37.3	25.5	38.3
56	33.0	25.0	37.6

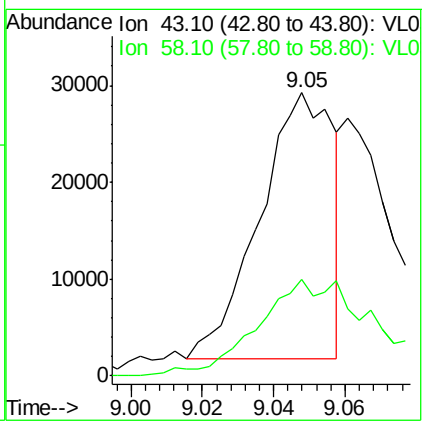


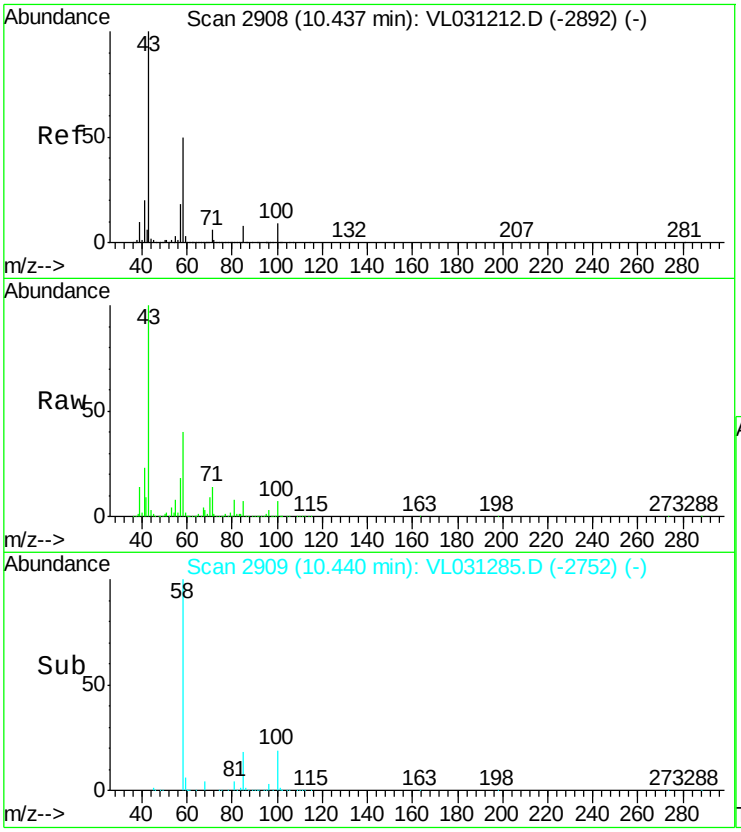


#50
4-Methyl-2-Pentanone
Concen: 0.12 ppbv
RT: 9.05 min Scan# 2476
Delta R.T. 0.01 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Tgt Ion: 43 Resp: 39430

Ion	Ratio	Lower	Upper
43	100		
58	57.8	28.8	43.2#



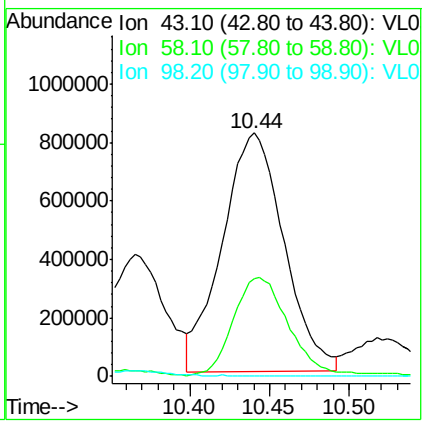


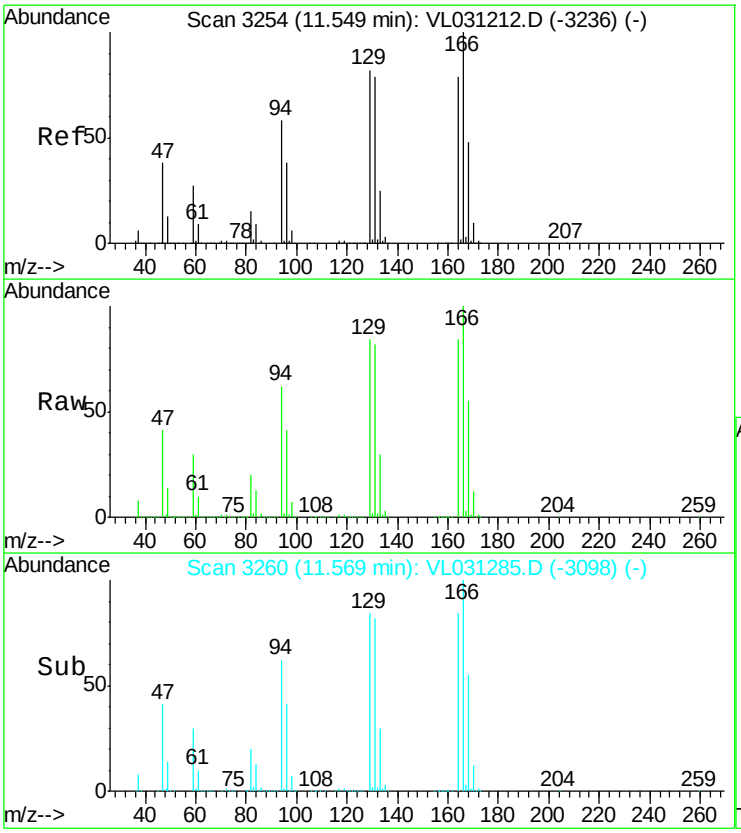
#51
2-Hexanone
Concen: 7.18 ppbv
RT: 10.44 min Scan# 2909
Delta R.T. 0.00 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Instrument : MSVOA_L
ClientSampleId : EP1-SV-6

Tgt Ion: 43 Resp: 2170273

Ion	Ratio	Lower	Upper
43	100		
58	37.7	39.8	59.6#
98	0.0	0.0	0.0

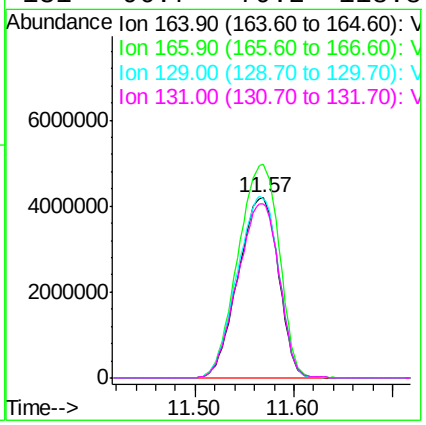


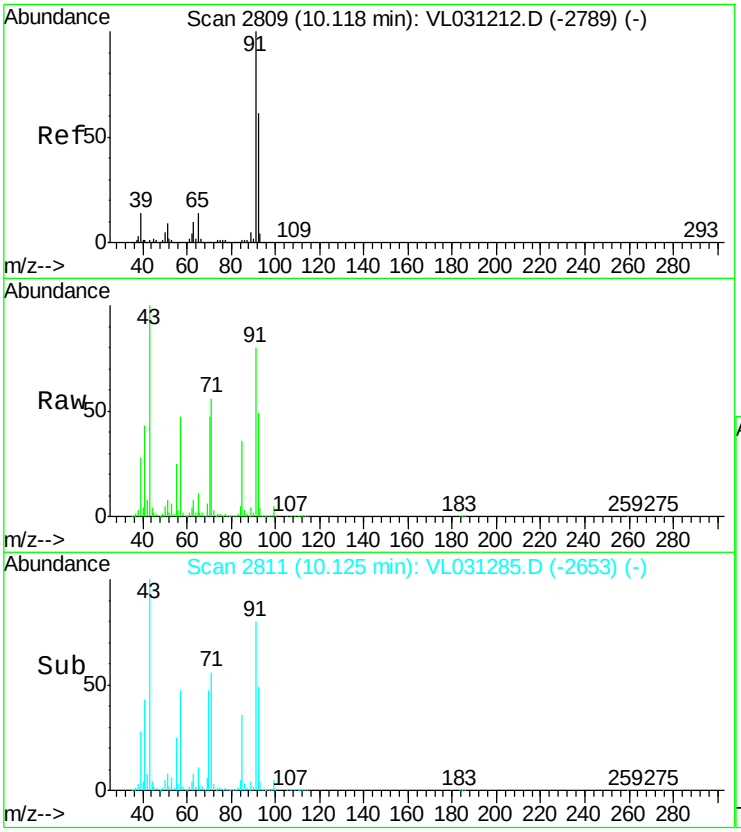


#52
Tetrachloroethene
Concen: 82.98 ppbv
RT: 11.57 min Scan# 3260
Delta R.T. 0.02 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Tgt Ion:164 Resp:11893971

Ion	Ratio	Lower	Upper
164	100		
166	118.4	100.6	151.0
129	99.7	82.9	124.3
131	96.7	79.2	118.8



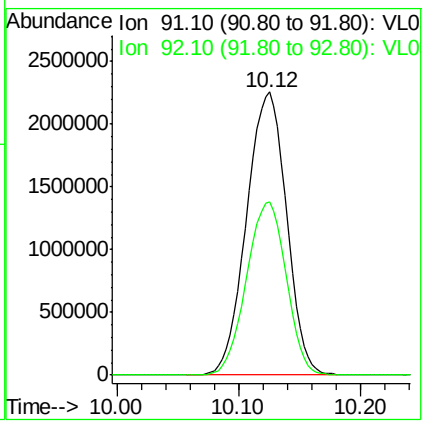


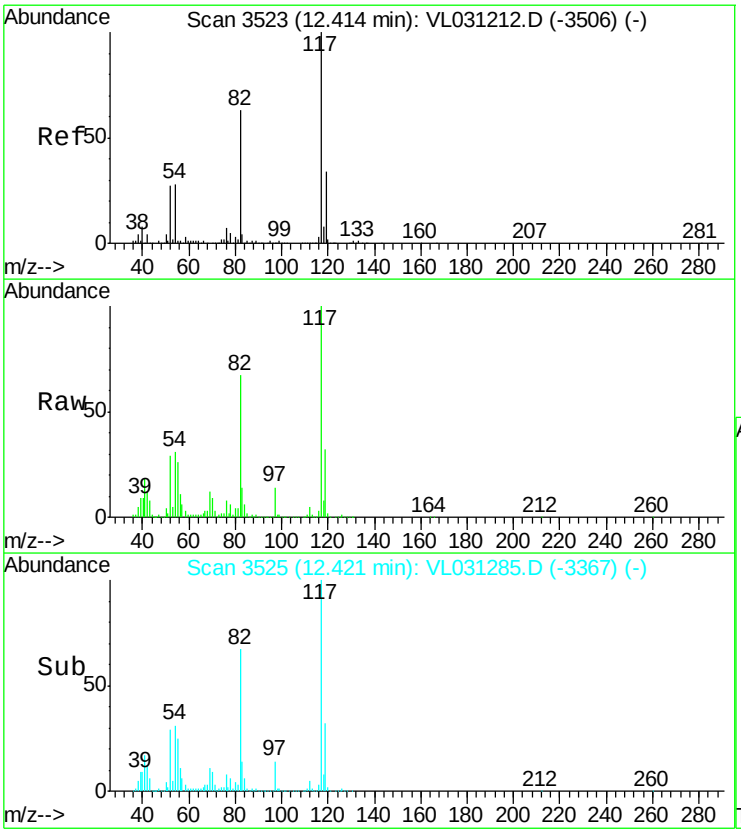
#53
Toluene
Concen: 12.14 ppbv
RT: 10.12 min Scan# 2811
Delta R.T. 0.01 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-6

Tgt Ion: 91 Resp: 5115827

Ion	Ratio	Lower	Upper
91	100		
92	61.1	49.1	73.7

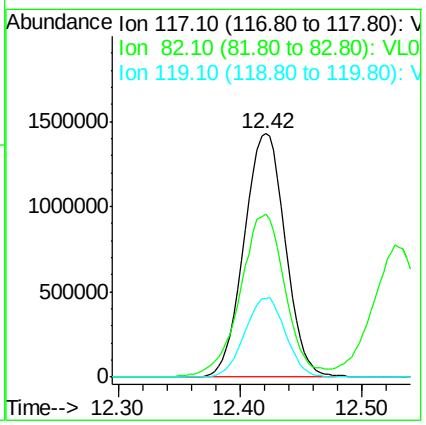


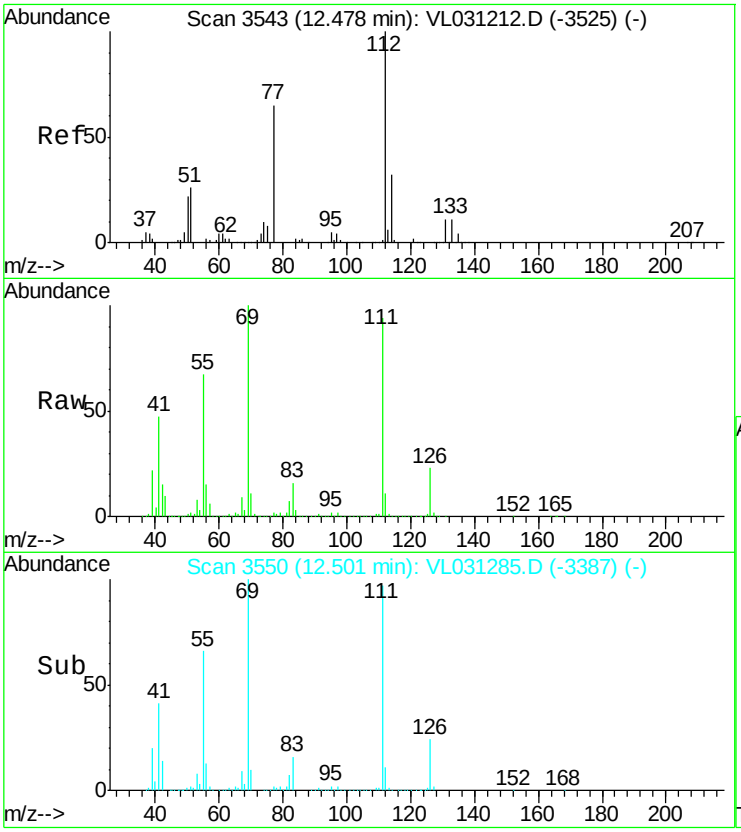


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.42 min Scan# 3525
Delta R.T. 0.01 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Tgt Ion:117 Resp: 3333280

Ion	Ratio	Lower	Upper
117	100		
82	72.8	48.1	72.1#
119	32.4	23.1	34.7



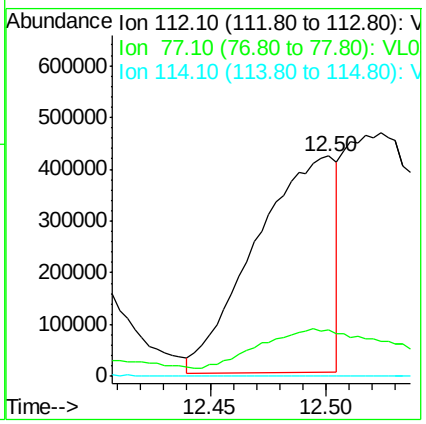


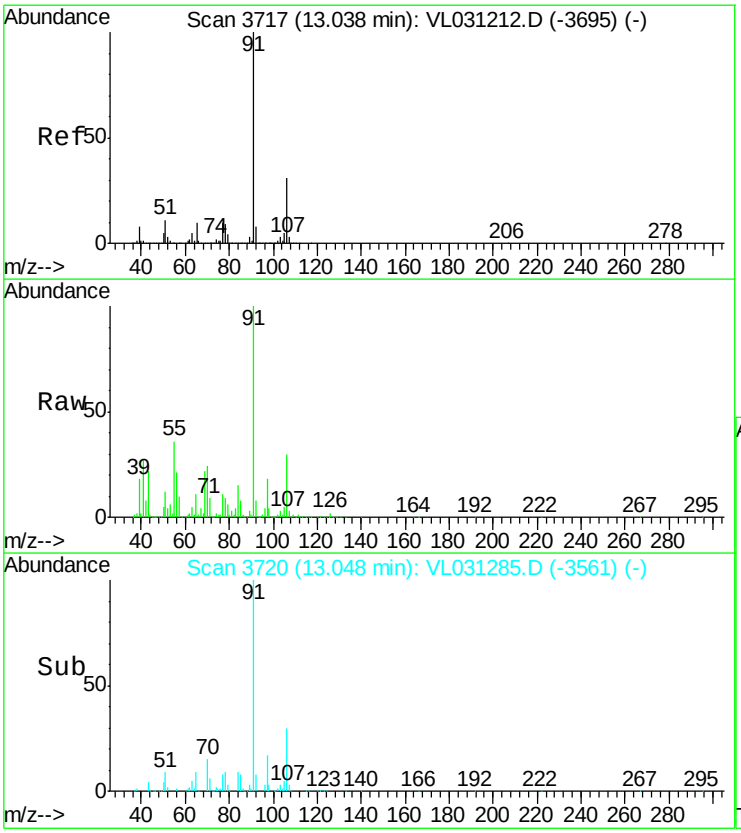
#57
Chlorobenzene
Concen: 3.24 ppbv
RT: 12.50 min Scan# 3550
Delta R.T. 0.02 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Instrument : MSVOA_L
ClientSampleId : EP1-SV-6

Tgt Ion:112 Resp: 1007960

Ion	Ratio	Lower	Upper
112	100		
77	18.7	52.9	79.3#
114	0.2	29.1	35.5#

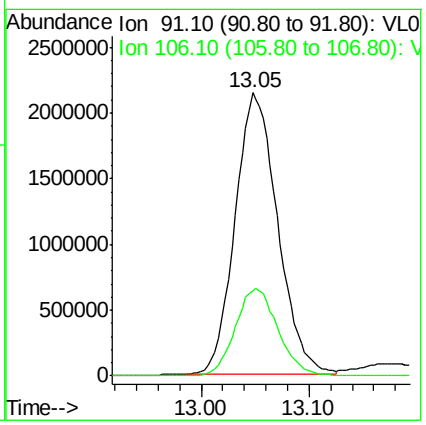


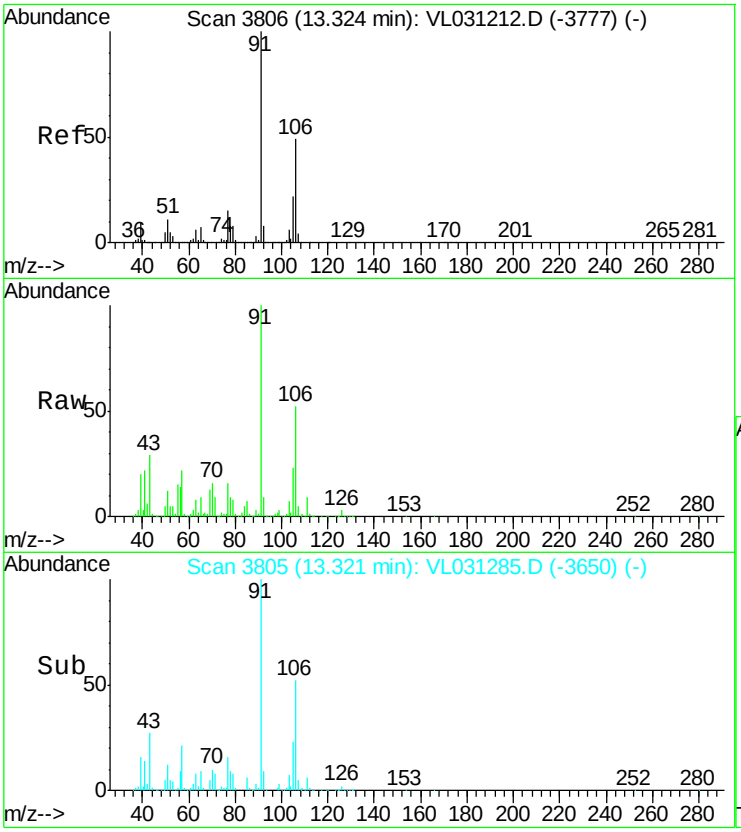


#58
Ethyl Benzene
Concen: 10.66 ppbv
RT: 13.05 min Scan# 3720
Delta R.T. 0.01 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Tgt Ion: 91 Resp: 5865929

Ion	Ratio	Lower	Upper
91	100		
106	30.3	25.1	37.7



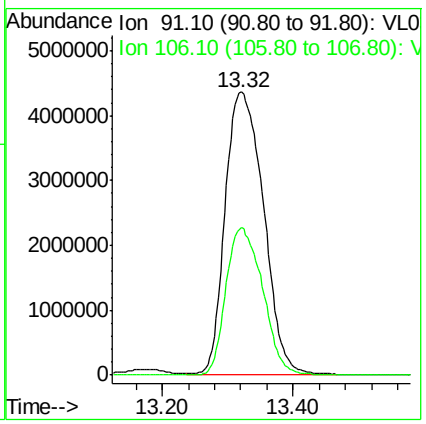


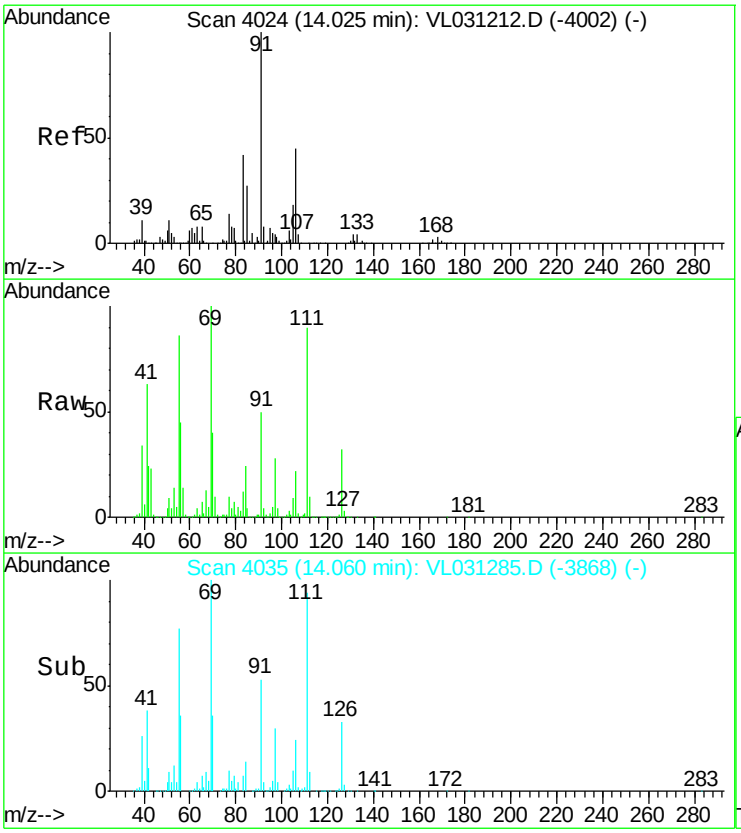
#59
m/p-Xylene
Concen: 40.11 ppbv
RT: 13.32 min Scan# 3805
Delta R.T. -0.00 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-6

Tgt Ion: 91 Resp:17669616

Ion	Ratio	Lower	Upper
91	100		
106	50.2	38.5	57.7

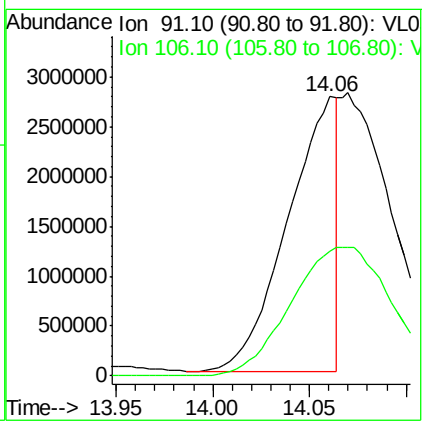


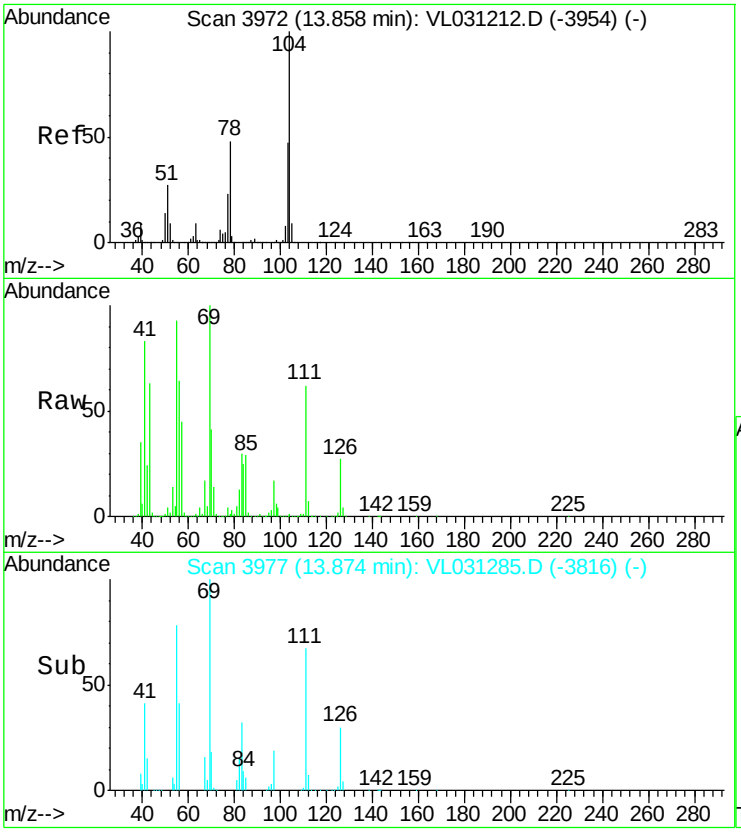


#60
o-Xylene
Concen: 10.94 ppbv
RT: 14.06 min Scan# 4035
Delta R.T. 0.04 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Tgt Ion: 91 Resp: 4858188

Ion	Ratio	Lower	Upper
91	100		
106	0.0	22.7	68.1#



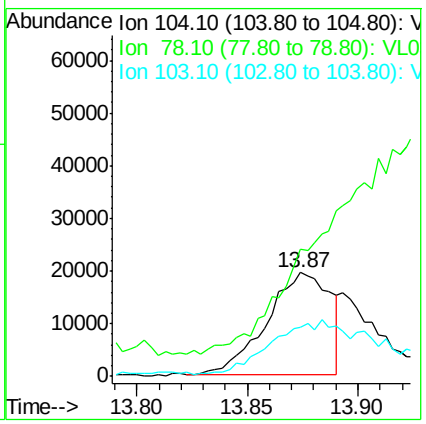


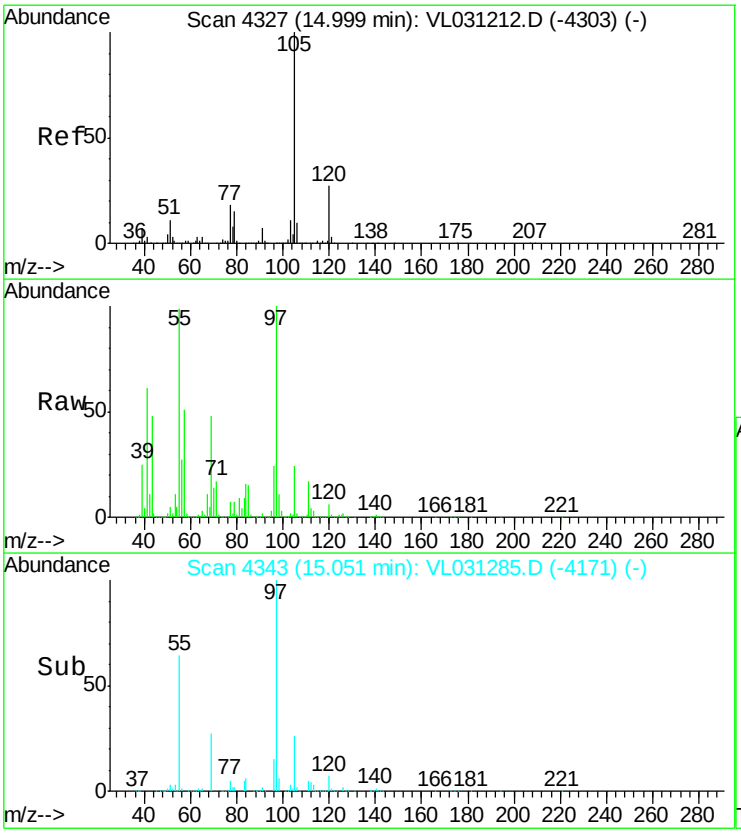
#61
Styrene
Concen: 0.31 ppbv
RT: 13.87 min Scan# 3977
Delta R.T. 0.02 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Instrument : MSVOA_L
ClientSampleId : EP1-SV-6

Tgt Ion:104 Resp: 39274

Ion	Ratio	Lower	Upper
104	100		
78	0.0	39.1	58.7#
103	110.6	37.3	55.9#

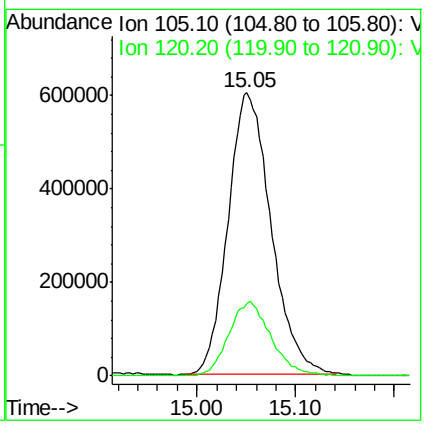


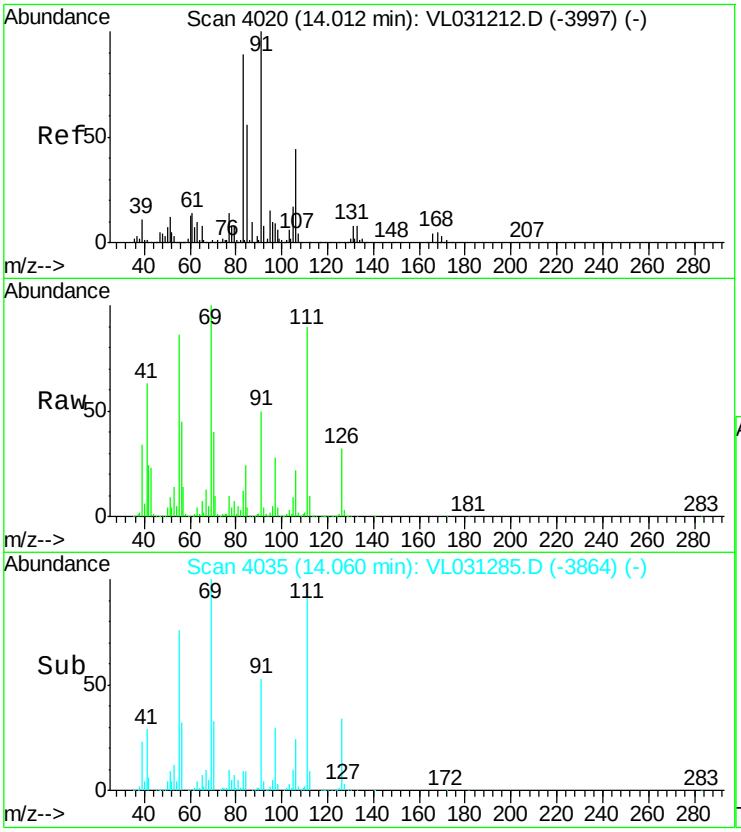


#62
Isopropylbenzene
Concen: 3.15 ppbv
RT: 15.05 min Scan# 4343
Delta R.T. 0.05 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Tgt Ion:105 Resp: 1832342

Ion	Ratio	Lower	Upper
105	100		
120	26.0	21.0	31.6



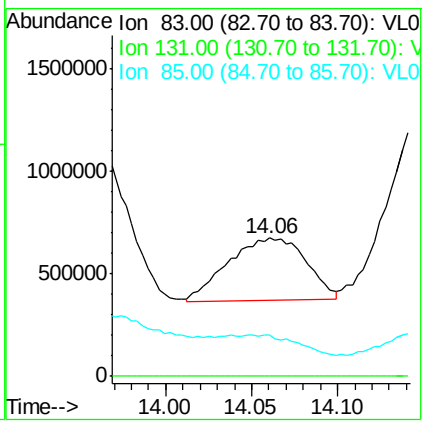


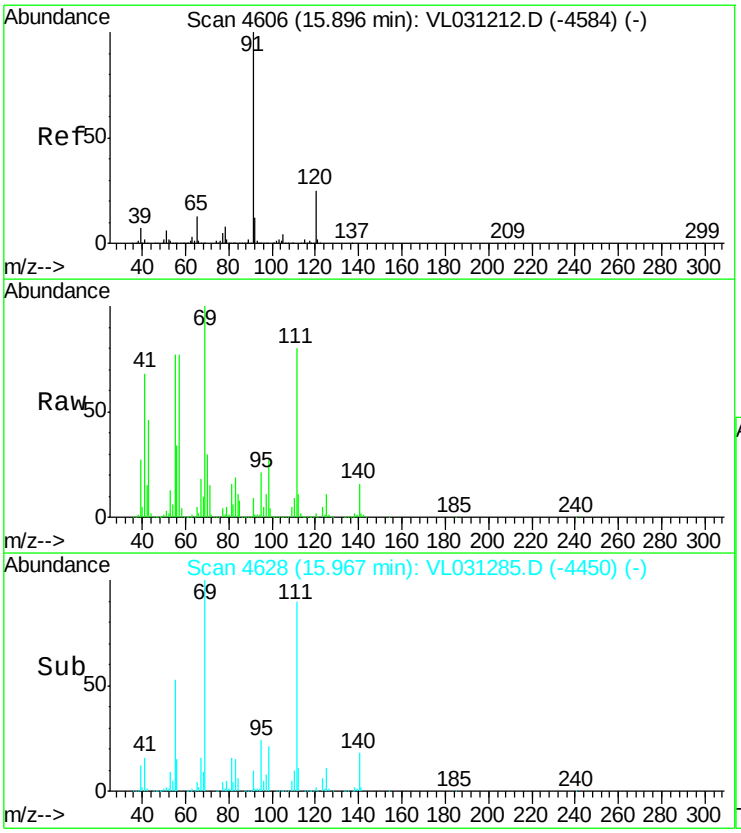
#63
1,1,2,2-Tetrachloroethane
Concen: 3.28 ppbv
RT: 14.06 min Scan# 4035
Delta R.T. 0.05 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-6

Tgt Ion: 83 Resp: 976289

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.8	14.3#
85	67.8	32.1	96.5

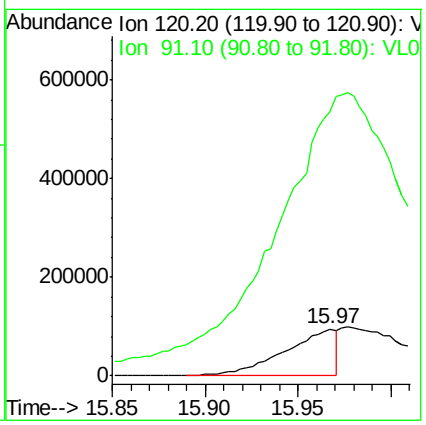


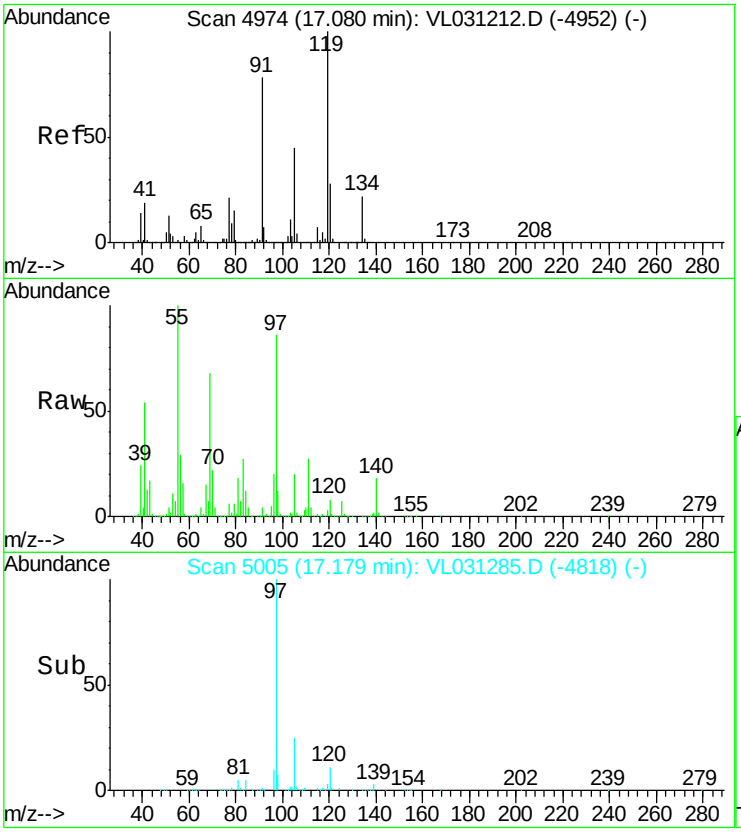


#64
n-propylbenzene
Concen: 1.17 ppbv
RT: 15.97 min Scan# 4628
Delta R.T. 0.07 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Tgt Ion:120 Resp: 180365

Ion	Ratio	Lower	Upper
120	100		
91	0.0	352.1	528.1#



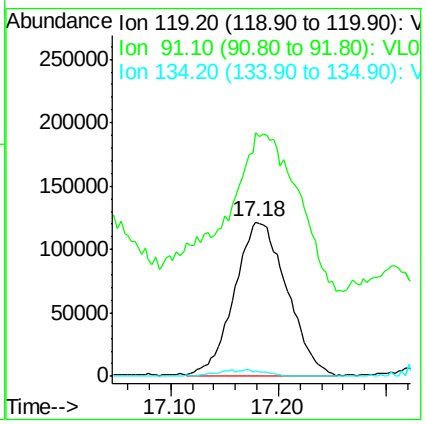


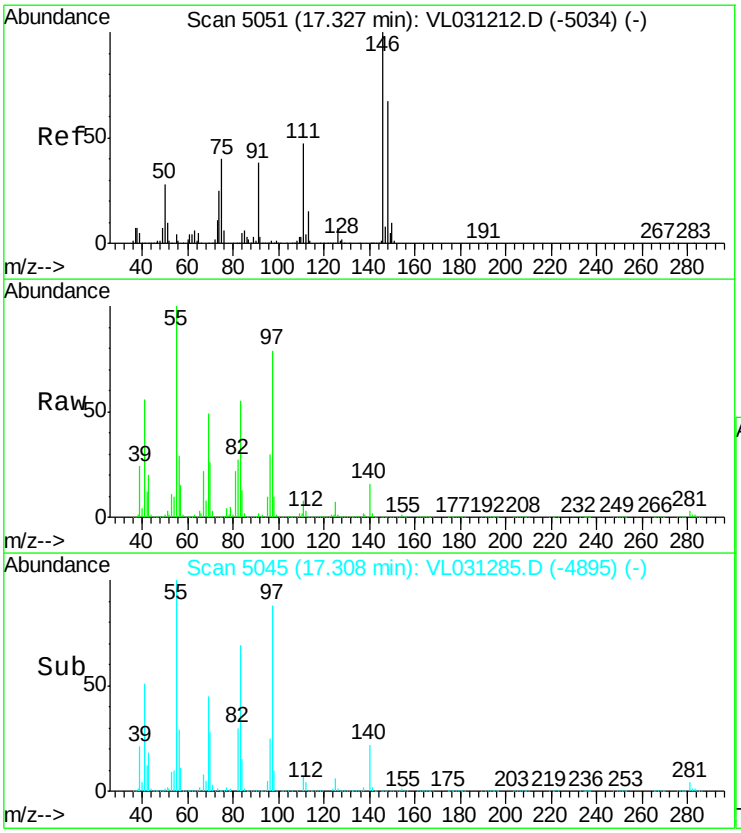
#65
tert-Butylbenzene
Concen: 0.79 ppbv
RT: 17.18 min Scan# 5005
Delta R.T. 0.10 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Instrument : MSVOA_L
ClientSampleId : EP1-SV-6

Tgt Ion:119 Resp: 408275

Ion	Ratio	Lower	Upper
119	100		
91	241.4	63.3	94.9#
134	4.0	16.1	24.1#

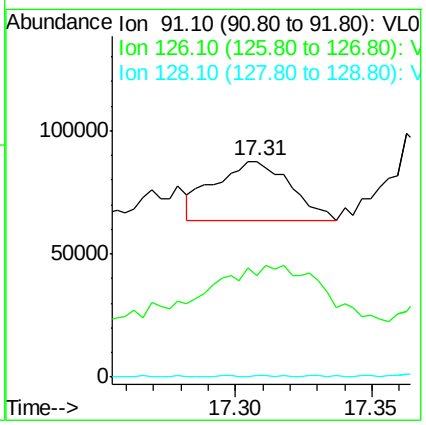


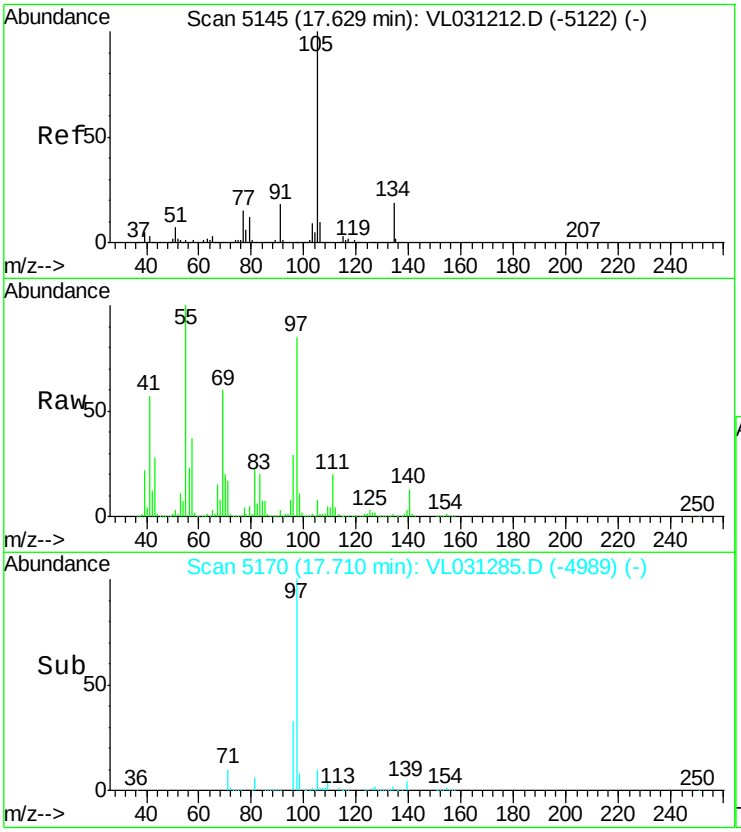


#66
Benzyl Chloride
Concen: 0.82 ppbv
RT: 17.31 min Scan# 5045
Delta R.T. -0.02 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Tgt Ion: 91 Resp: 45655

Ion	Ratio	Lower	Upper
91	100		
126	423.3	15.2	22.8#
128	0.0	4.9	7.3#



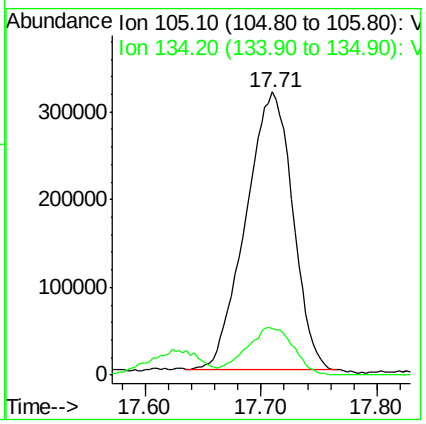


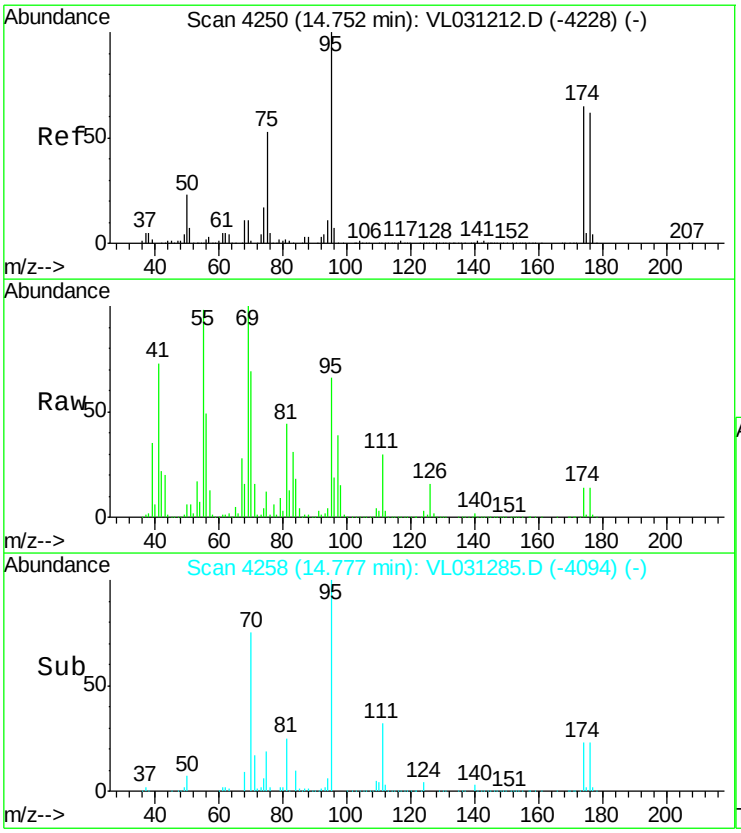
#67
sec-Butylbenzene
Concen: 1.26 ppbv
RT: 17.71 min Scan# 5170
Delta R.T. 0.08 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-6

Tgt Ion:105 Resp: 891613

Ion	Ratio	Lower	Upper
105	100		
134	17.8	15.3	22.9

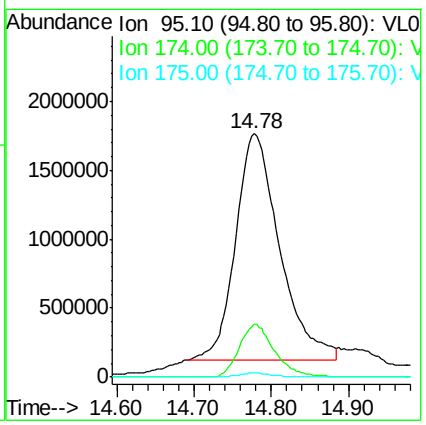


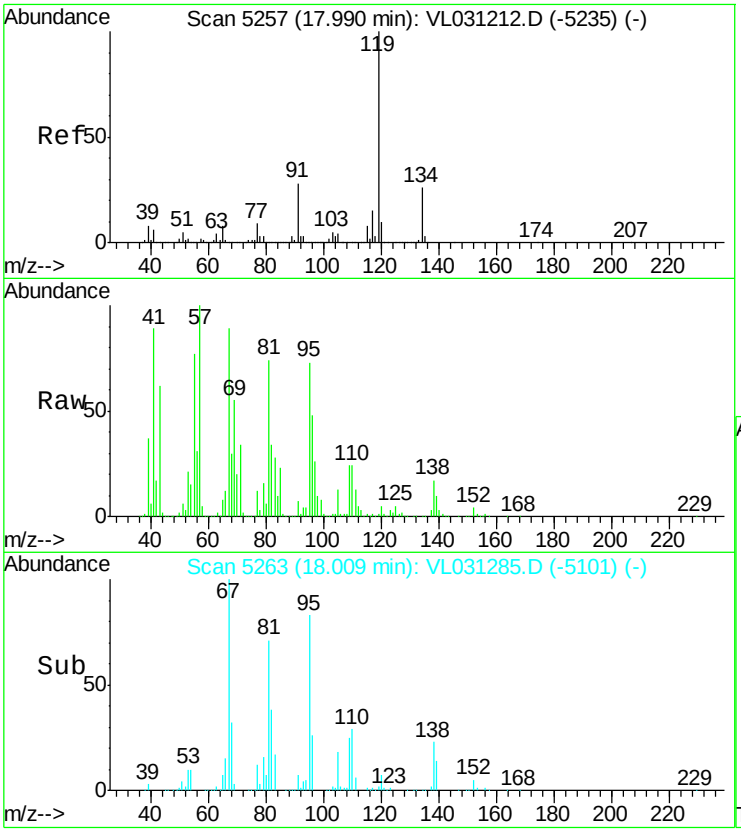


#68
1-Bromo-4-Fluorobenzene
Concen: 27.53 ppbv
RT: 14.78 min Scan# 4258
Delta R.T. 0.03 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Tgt Ion: 95 Resp: 6528065

Ion	Ratio	Lower	Upper
95	100		
174	18.8	52.5	78.7#
175	1.4	4.1	6.1#



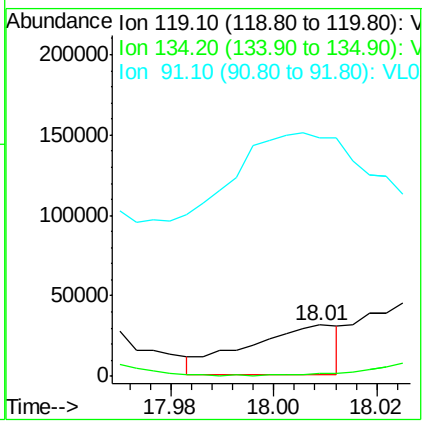


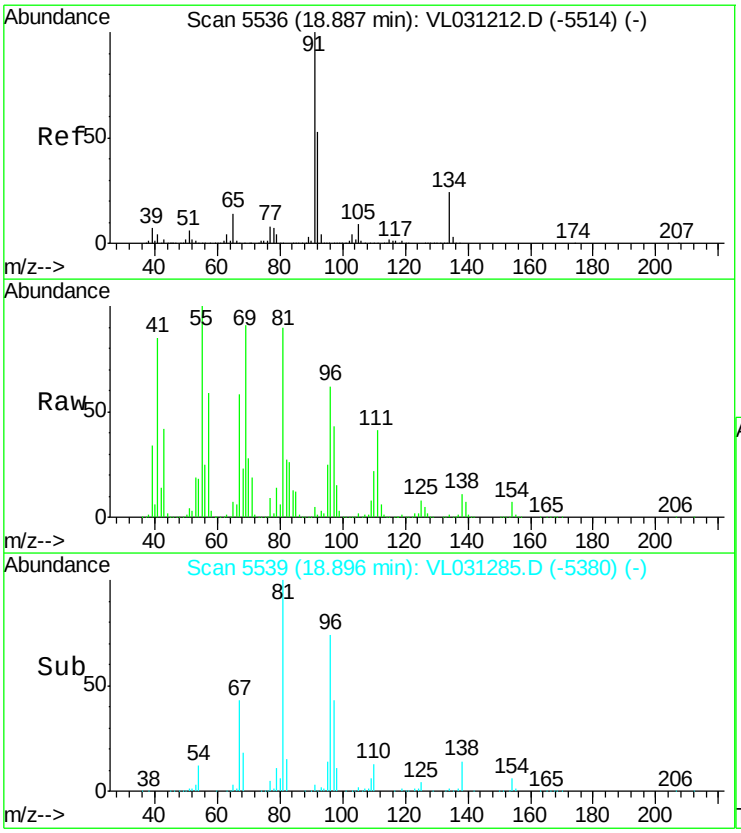
#69
p-Isopropyltoluene
Concen: 0.07 ppbv
RT: 18.01 min Scan# 5263
Delta R.T. 0.02 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-6

Tgt Ion:119 Resp: 38462

Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.7	31.1#
91	1100.5	22.3	33.5#

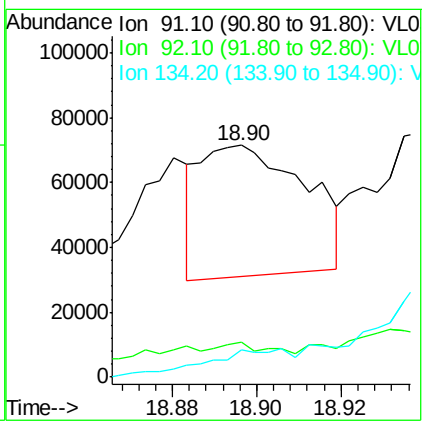


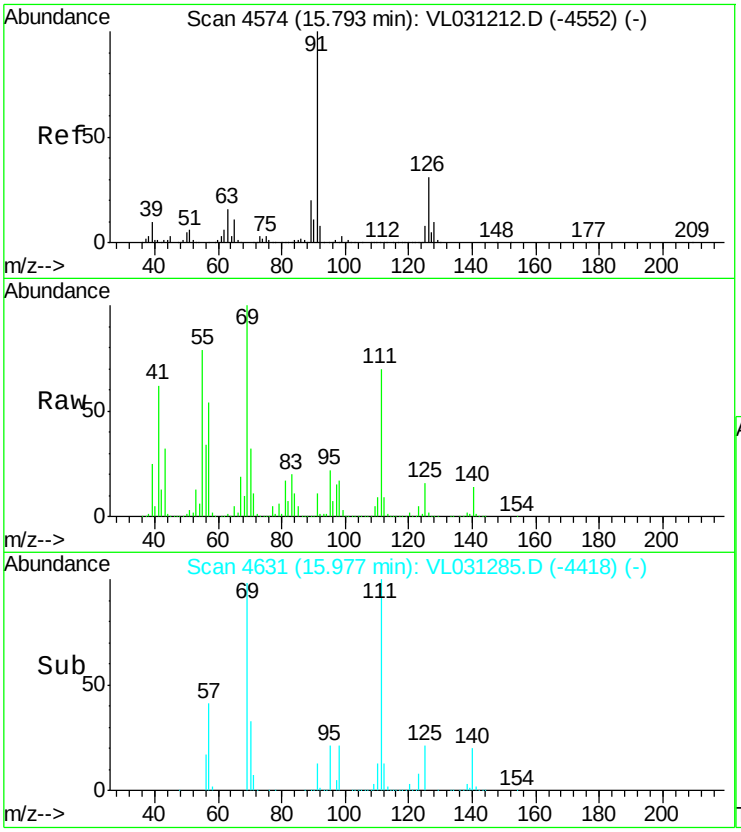


#70
n-Butylbenzene
Concen: 0.12 ppbv
RT: 18.90 min Scan# 5539
Delta R.T. 0.01 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Tgt Ion: 91 Resp: 69290

Ion	Ratio	Lower	Upper
91	100		
92	0.0	43.4	65.2#
134	0.0	19.3	28.9#



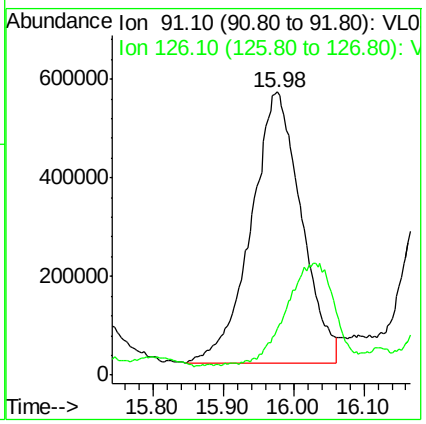


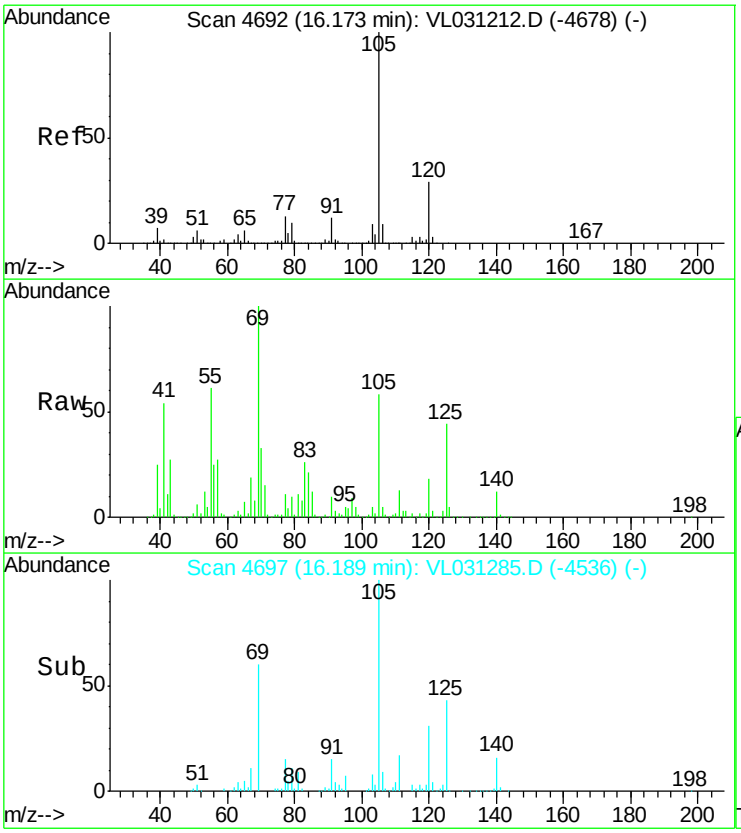
#71
2-Chlorotoluene
Concen: 6.30 ppbv
RT: 15.98 min Scan# 4631
Delta R.T. 0.18 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Instrument : MSVOA_L
ClientSampleId : EP1-SV-6

Tgt Ion: 91 Resp: 2723735

Ion	Ratio	Lower	Upper
91	100		
126	37.7	12.6	50.6

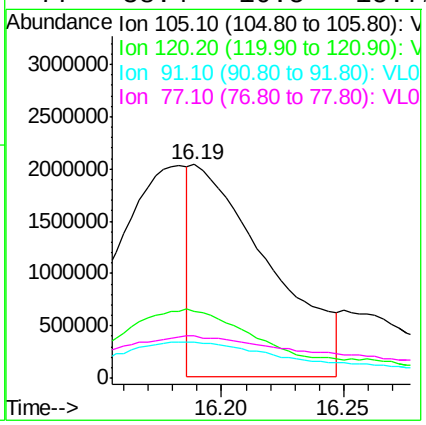


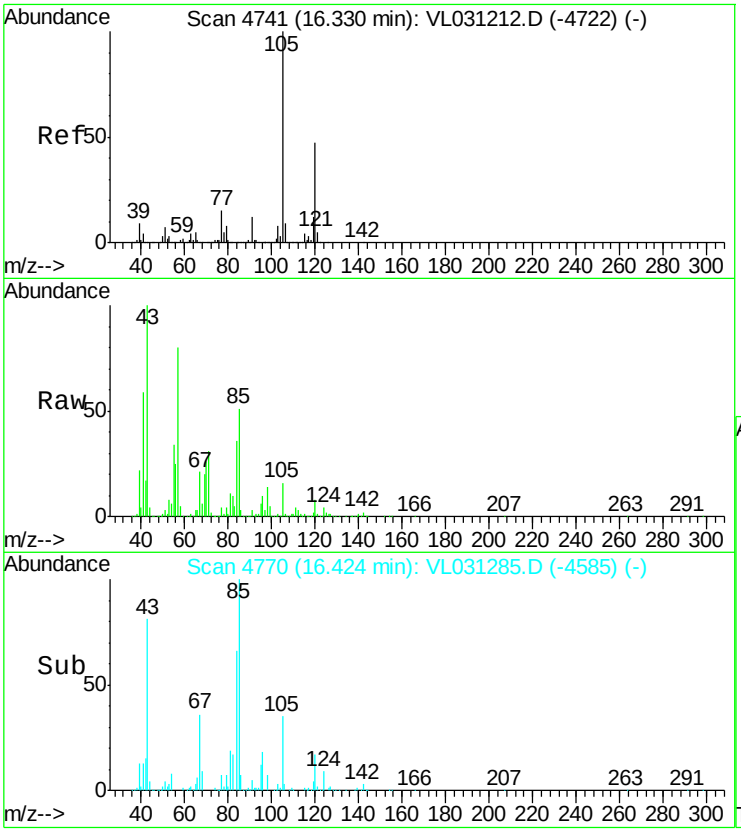


#72
4-Ethyltoluene
Concen: 9.17 ppbv
RT: 16.19 min Scan# 4697
Delta R.T. 0.02 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Tgt Ion:105 Resp: 4460000

Ion	Ratio	Lower	Upper
105	100		
120	70.5	24.2	36.2#
91	29.5	9.8	14.8#
77	38.4	10.5	15.7#



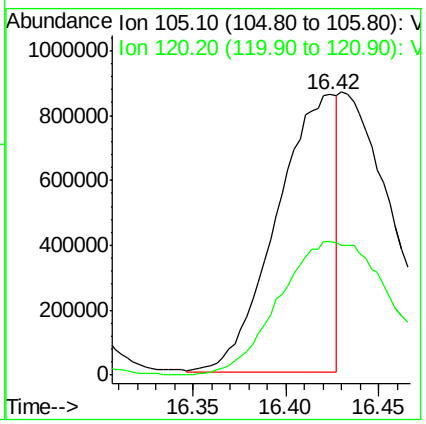


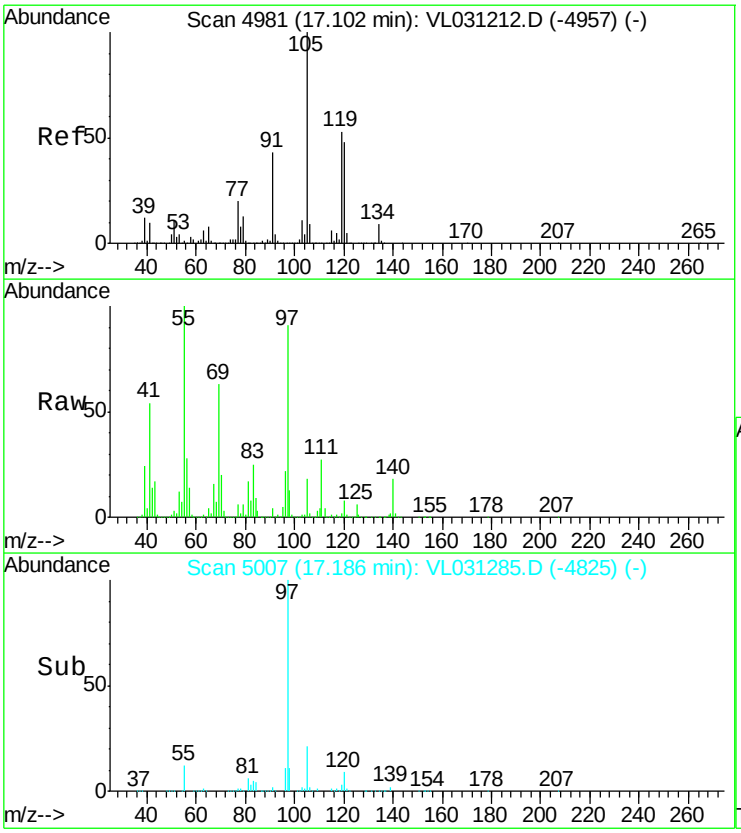
#73
1,3,5-Trimethylbenzene
Concen: 4.40 ppbv
RT: 16.42 min Scan# 4770
Delta R.T. 0.09 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-6

Tgt Ion:105 Resp: 1904118

Ion	Ratio	Lower	Upper
105	100		
120	47.9	37.8	56.6

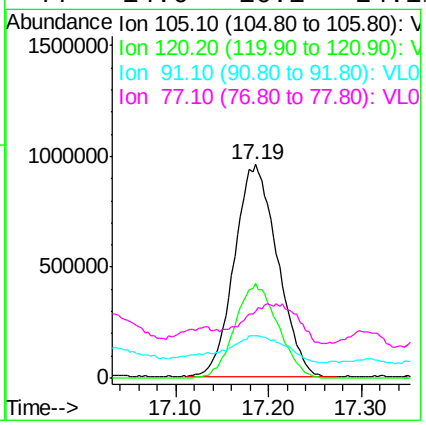


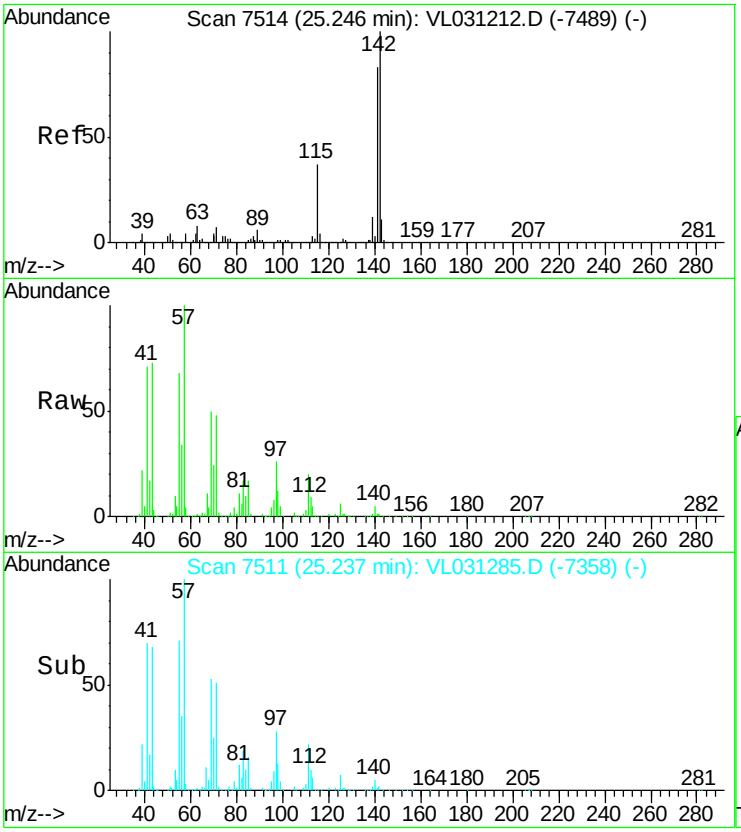


#74
1,2,4-Trimethylbenzene
Concen: 6.76 ppbv
RT: 17.19 min Scan# 5007
Delta R.T. 0.08 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Tgt Ion:105 Resp: 3079741

Ion	Ratio	Lower	Upper
105	100		
120	44.5	38.6	58.0
91	12.4	34.2	51.4#
77	14.6	16.1	24.1#





#80
Naphthalene,2-methyl-
Concen: 0.04 ppbv
RT: 25.24 min Scan# 7511
Delta R.T. -0.01 min
Lab File: VL031285.D
Acq: 21 Dec 2017 1:18

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-6

Tgt Ion:142 Resp: 5466

Ion	Ratio	Lower	Upper
142	100		
141	51.2	66.8	100.2#
115	9.7	29.7	44.5#