Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL122017\
Data File : VL031287.D
Acq On : 21 Dec 2017 2:37
Operator : SY/AP
Sample : I7005-08
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : EP1-SV-7

Quant Time: Dec 21 08:43:21 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	1403900	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.46	114	3734464	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.41	117	3334411	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.75	95	2631067	11.09	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 110.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.18	85	72314	0.61	ppbv		96
3) Chlorodifluoromethane	3.08	51	82731	0.52	ppbv	#	87
4) Chloromethane	3.27	50	40460	0.47	ppbv		89
5) Vinyl Chloride	3.40	62	5763	0.06	ppbv		93
6) Bromomethane	3.63	94	5992	0.11	ppbv		98
7) Chloroethane	3.71	64	5192	0.16	ppbv		97
9) Propene	3.13	41	4708128	60.10	ppbv		96
10) Heptane	8.41	43	1074890	4.51	ppbv		100
11) Trichlorofluoromethane	4.13	101	45244	0.23	ppbv		96
12) 1,1,2-Trichlorotrifluoroet	4.69	101	9935	0.07	ppbv		96
13) Ethanol	3.77	45	540680	23.93	ppbv		99
15) Acetone	4.02	43	7122595	38.44	ppbv	#	79
16) 1,3-Butadiene	3.45	39	4214966	52.88	ppbv	#	16
17) tert-Butyl alcohol	4.49	59	635957	6.12	ppbv		97
19) Isopropyl Alcohol	4.15	45	221197	1.89	ppbv	#	41
20) Methylene Chloride	4.55	84	52385	0.85	ppbv		96
21) Allyl Chloride	4.57	41	100361	0.92	ppbv	#	24
23) Vinyl Acetate	5.28	43	371730	1.25	ppbv	#	1
25) Ethyl Acetate	5.93	43	1239176	3.27	ppbv	#	79
26) Hexane	5.93	57	1735299	9.67	ppbv	#	41
27) Carbon Disulfide	4.76	76	426114	2.37	ppbv		97
28) Methyl tert-Butyl Ether	5.26	73	12389	0.05	ppbv	#	52
29) Chloroform	6.00	83	27995	0.12	ppbv		98
30) Cyclohexane	7.41	84	423059	2.68	ppbv	#	77
32) 1,1,1-Trichloroethane	6.77	97	10769	0.04	ppbv	#	43
34) 2-Butanone	5.47	43	12386683	46.96	ppbv		91
36) Benzene	7.17	78	711588	1.80	ppbv		99
38) Trichloroethene	8.13	130	9234	0.06	ppbv	#	71
39) 1,2-Dichloropropane	7.46	63	887664	6.34	ppbv	#	27
41) Tetrahydrofuran	6.30	42	64737	0.44	ppbv	#	90
42) Bromodichloromethane	8.08	83	56251	0.22	ppbv	#	27
43) Methyl Methacrylate	8.28	69	4042	0.03	ppbv	#	1
44) 2,2,4-Trimethylpentane	8.16	57	517499	0.87	ppbv	#	35
50) 4-Methyl-2-Pentanone	9.04	43	166097	0.51	ppbv		99
51) 2-Hexanone	10.44	43	1738694	5.64	ppbv	#	93
52) Tetrachloroethene	11.55	164	9190	0.06	ppbv	#	69
53) Toluene	10.12	91	1043637	2.43	ppbv		98
58) Ethyl Benzene	13.03	91	751511	1.37	ppbv		99
59) m/p-Xylene	13.29	91	921245	2.09	ppbv		100
60) o-Xylene	14.02	91	415878	0.94	ppbv		97
61) Styrene	13.85	104	50412	0.40	ppbv	#	68

Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL122017\
Data File : VL031287.D
Acq On : 21 Dec 2017 2:37
Operator : SY/AP
Sample : I7005-08
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : EP1-SV-7

Quant Time: Dec 21 08:43:21 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)
62) Isopropylbenzene	15.00	105	246336	0.42	ppbv		99
64) n-propylbenzene	15.89	120	29165	0.19	ppbv		69
67) sec-Butylbenzene	17.63	105	49613	0.07	ppbv		98
69) p-Isopropyltoluene	17.99	119	20817	0.04	ppbv	#	1
71) 2-Chlorotoluene	15.90	91	66481	0.15	ppbv		78
72) 4-Ethyltoluene	16.17	105	105169	0.22	ppbv	#	74
73) 1,3,5-Trimethylbenzene	16.33	105	170903	0.39	ppbv		99
74) 1,2,4-Trimethylbenzene	17.10	105	117451	0.26	ppbv	#	64

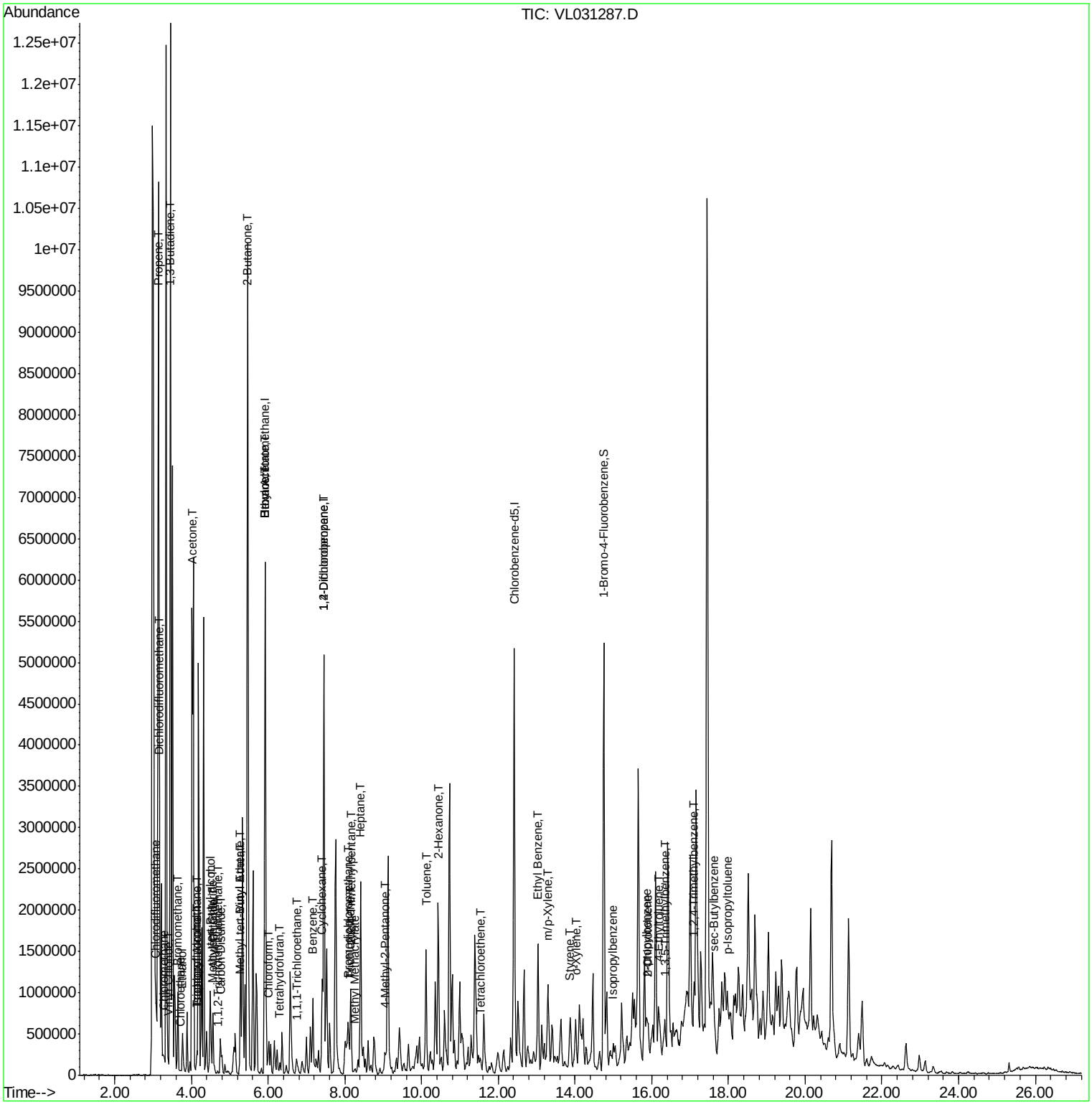
(#) = qualifier out of range (m) = manual integration (+) = signals summed

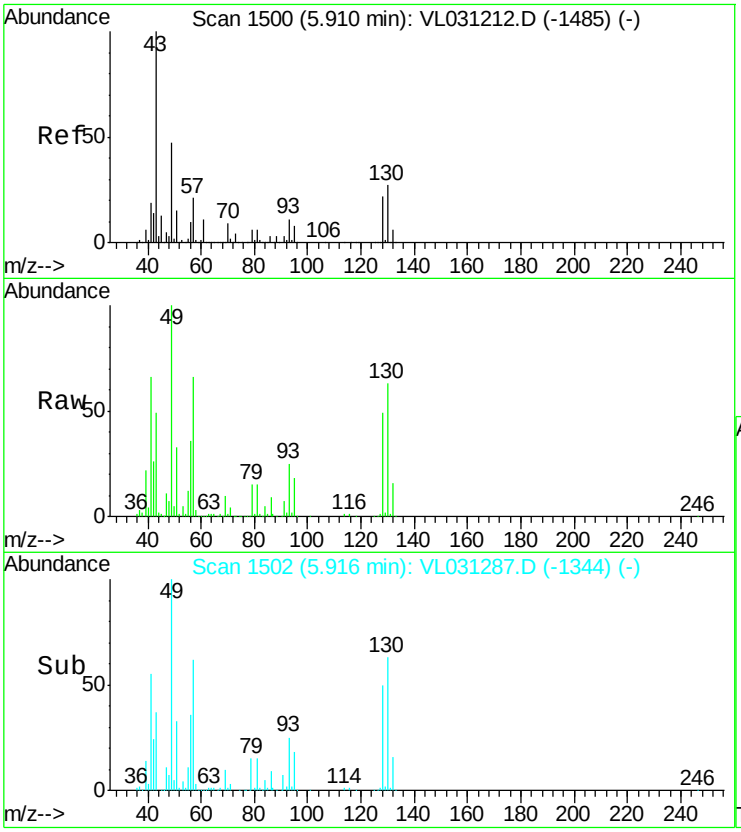
Quantitation Report (Not Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL122017\
Data File : VL031287.D
Acq On : 21 Dec 2017 2:37
Operator : SY/AP
Sample : I7005-08
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : EP1-SV-7

Quant Time: Dec 21 08:43:21 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



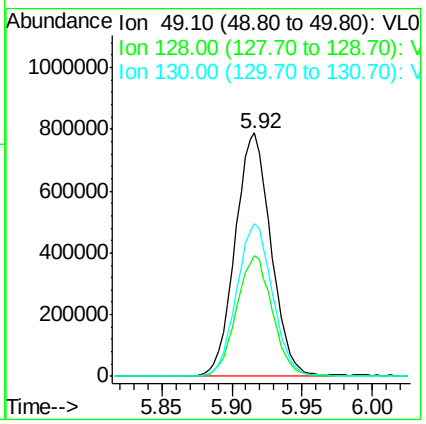


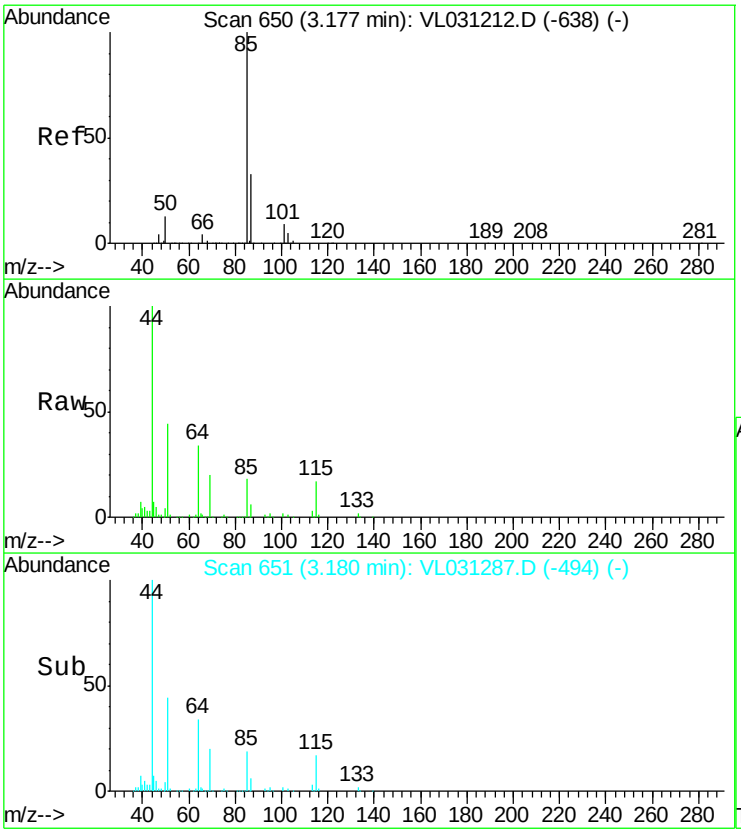
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.92 min Scan# 1502
Delta R.T. 0.01 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-7

Tgt Ion: 49 Resp: 1403900

Ion	Ratio	Lower	Upper
49	100		
128	49.9	23.2	69.5
130	63.4	29.6	88.8

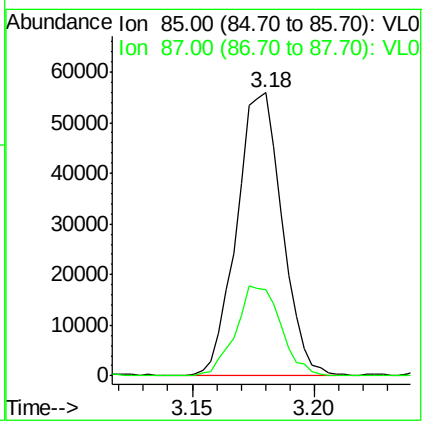


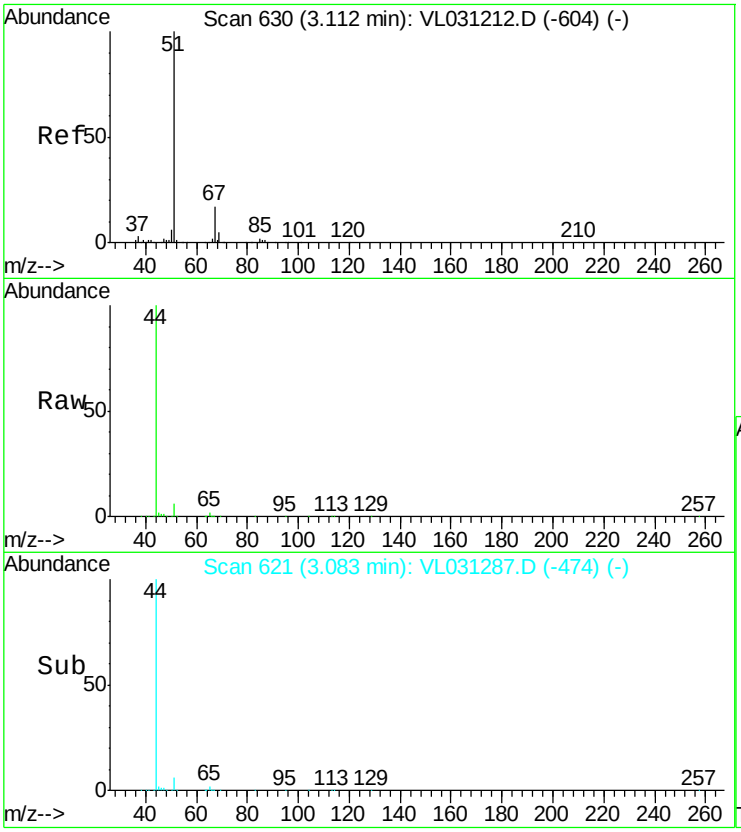


#2
Dichlorodifluoromethane
Concen: 0.61 ppbv
RT: 3.18 min Scan# 651
Delta R.T. 0.00 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Tgt Ion: 85 Resp: 72314

Ion	Ratio	Lower	Upper
85	100		
87	30.7	26.2	39.2



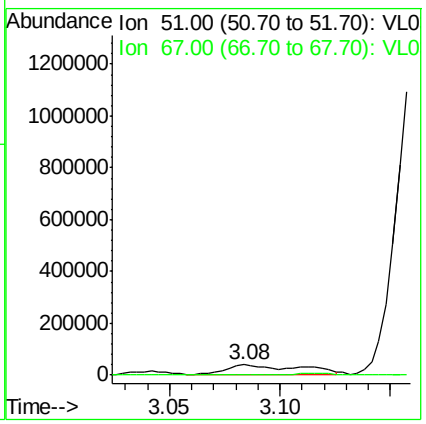


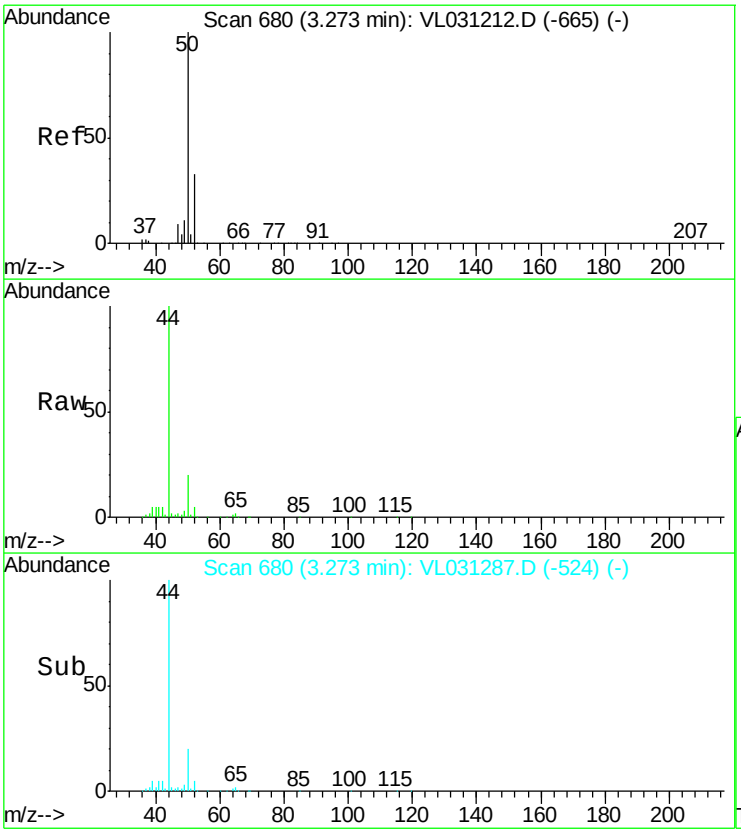
#3
Chlorodifluoromethane
Concen: 0.52 ppbv
RT: 3.08 min Scan# 621
Delta R.T. -0.03 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-7

Tgt Ion: 51 Resp: 82731

Ion	Ratio	Lower	Upper
51	100		
67	11.6	13.8	20.6#

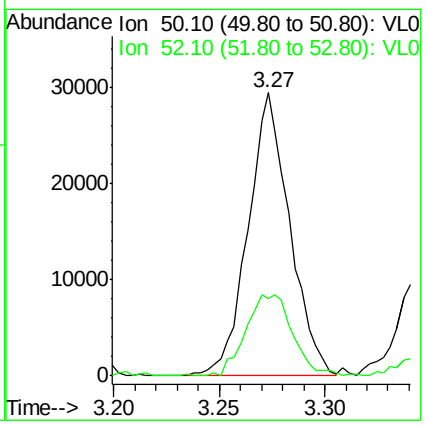


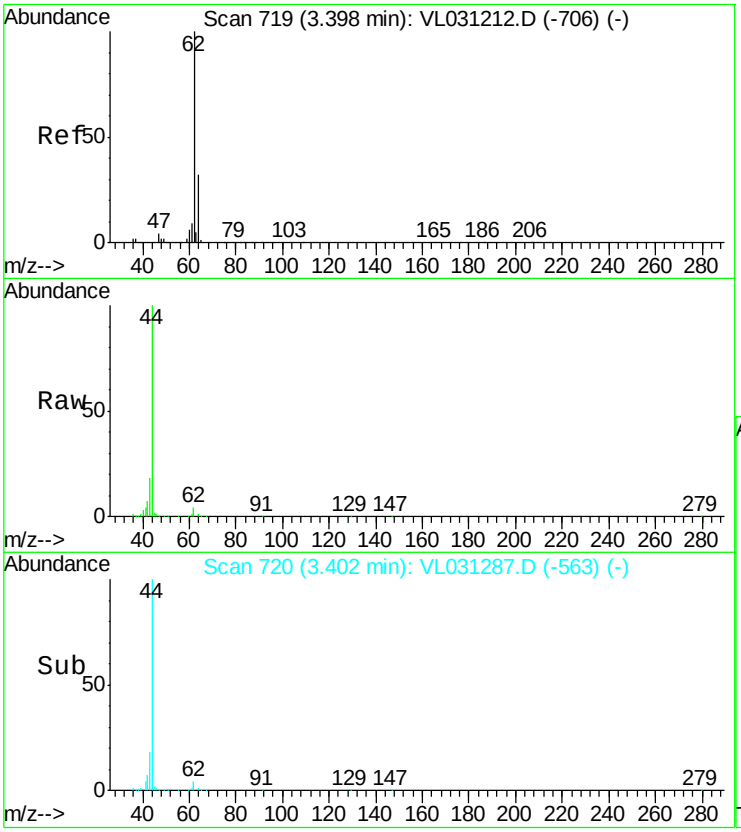


#4
Chloromethane
Concen: 0.47 ppbv
RT: 3.27 min Scan# 680
Delta R.T. 0.00 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Tgt Ion: 50 Resp: 40460

Ion	Ratio	Lower	Upper
50	100		
52	26.8	26.5	39.7



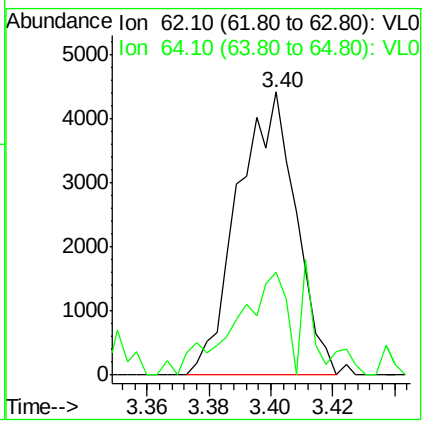


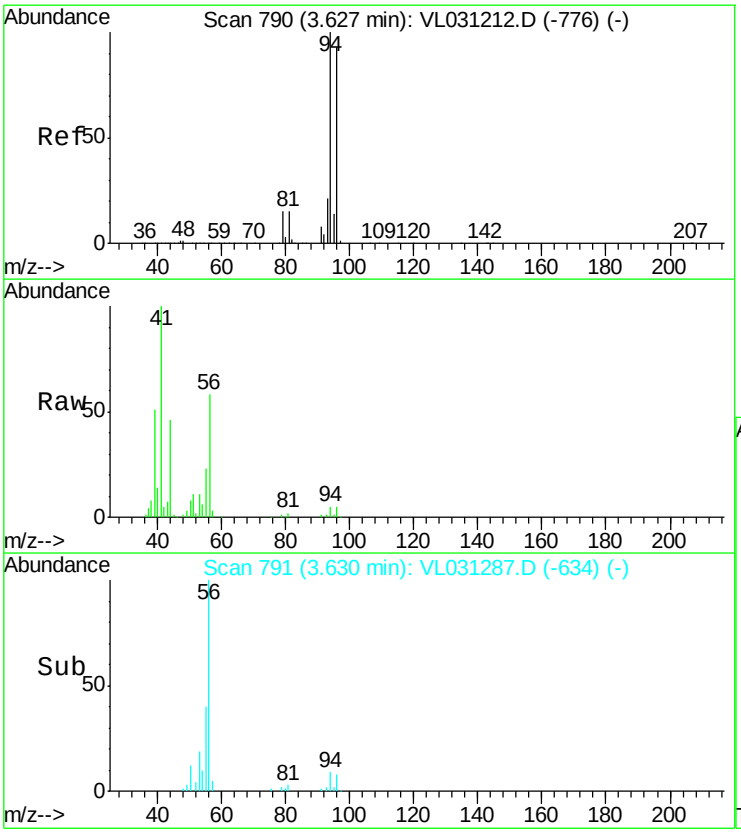
#5
Vinyl Chloride
Concen: 0.06 ppbv
RT: 3.40 min Scan# 720
Delta R.T. 0.00 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Instrument : MSVOA_L
ClientSampleId : EP1-SV-7

Tgt Ion: 62 Resp: 5763

Ion	Ratio	Lower	Upper
62	100		
64	28.6	25.9	38.9

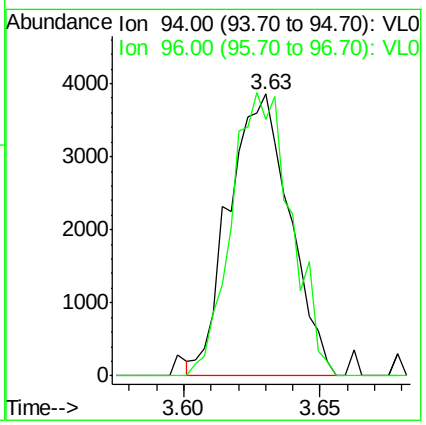


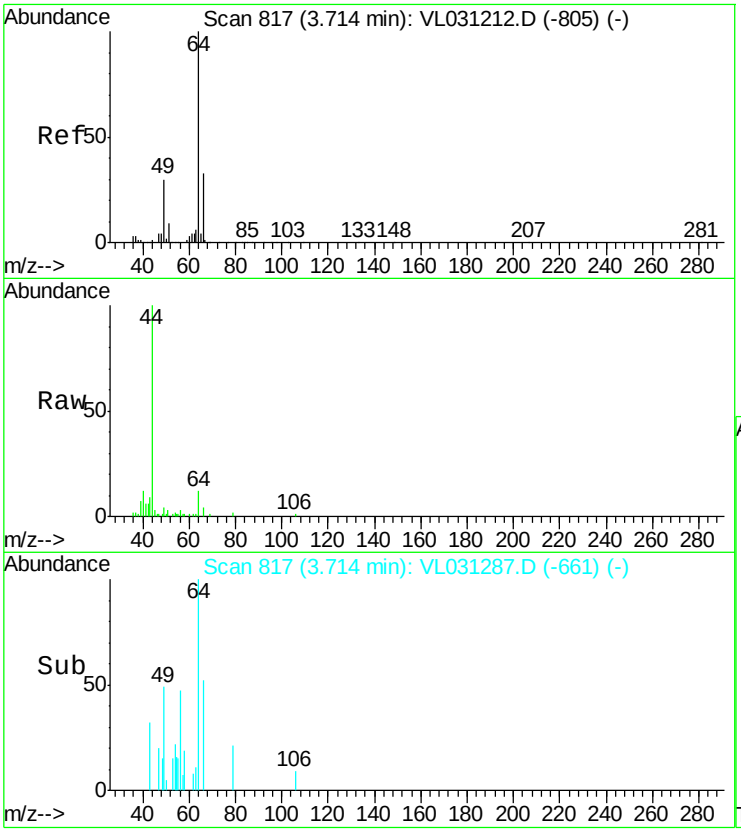


#6
Bromomethane
Concen: 0.11 ppbv
RT: 3.63 min Scan# 791
Delta R.T. 0.00 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Tgt Ion: 94 Resp: 5992

Ion	Ratio	Lower	Upper
94	100		
96	90.9	74.4	111.6



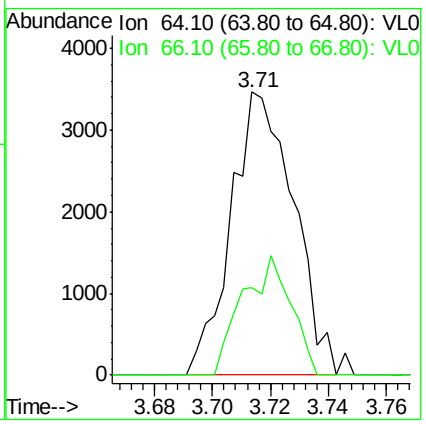


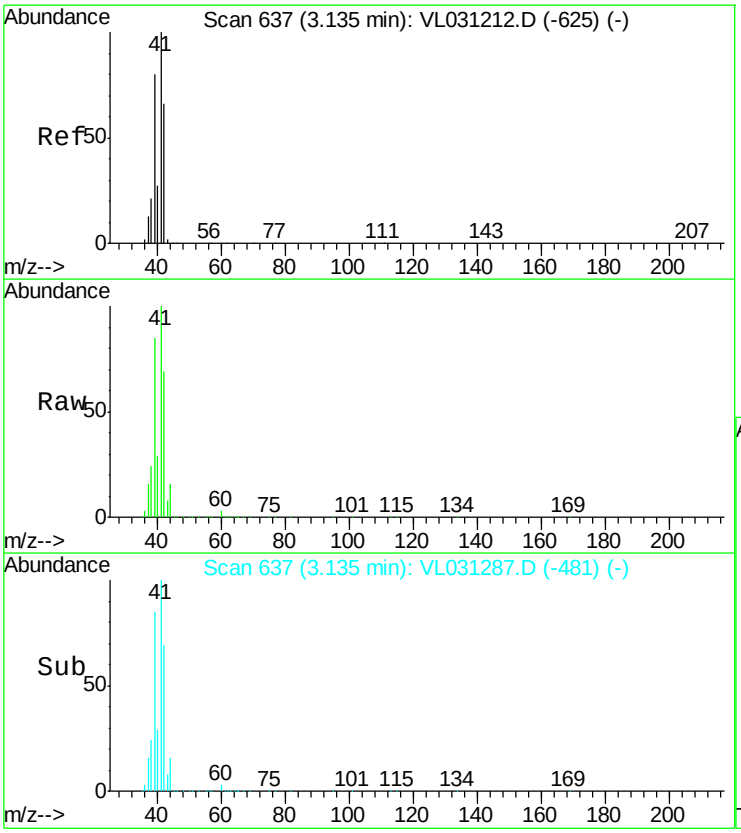
#7
Chloroethane
Concen: 0.16 ppbv
RT: 3.71 min Scan# 817
Delta R.T. 0.00 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-7

Tgt Ion: 64 Resp: 5192

Ion	Ratio	Lower	Upper
64	100		
66	30.8	26.2	39.2

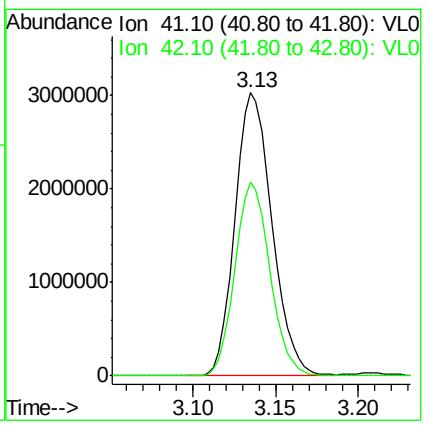


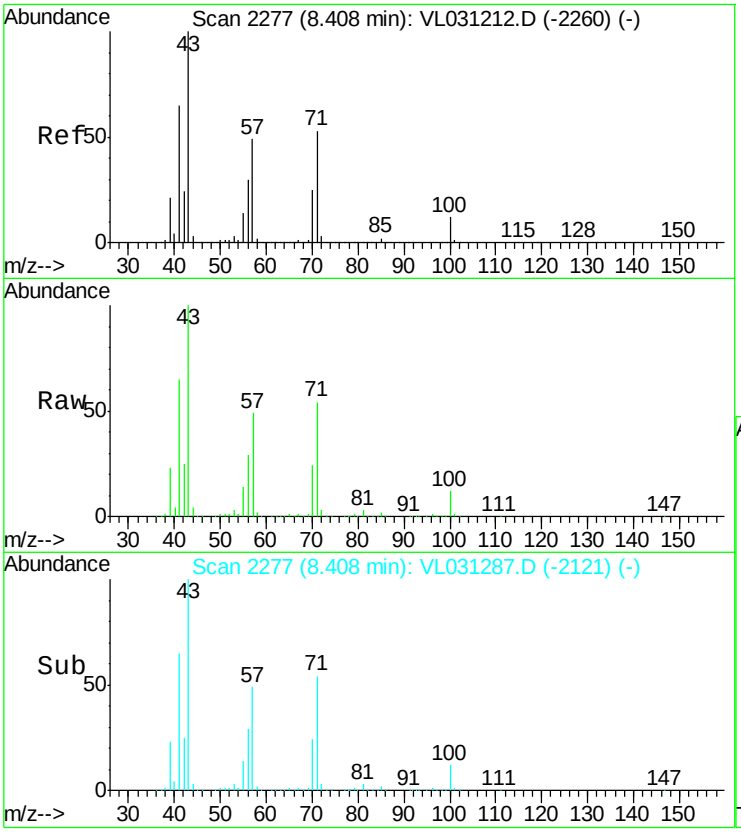


#9
Propene
Concen: 60.10 ppbv
RT: 3.13 min Scan# 637
Delta R.T. 0.00 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Tgt Ion: 41 Resp: 4708128

Ion	Ratio	Lower	Upper
41	100		
42	64.9	54.3	81.5



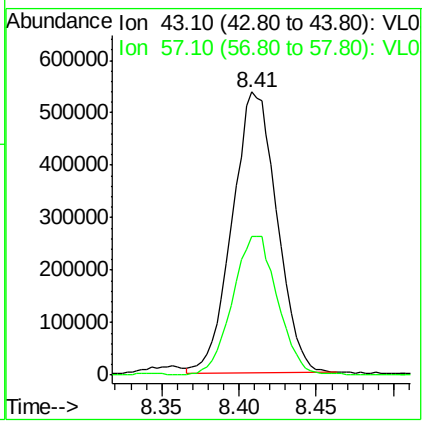


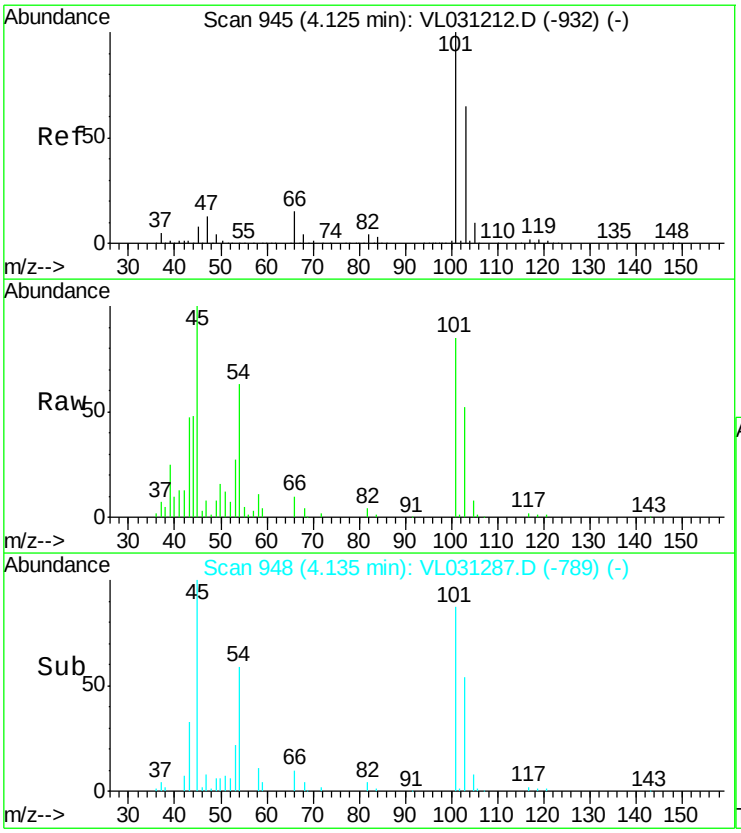
#10
Heptane
Concen: 4.51 ppbv
RT: 8.41 min Scan# 2277
Delta R.T. 0.00 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-7

Tgt Ion: 43 Resp: 1074890

Ion	Ratio	Lower	Upper
43	100		
57	49.5	39.8	59.8

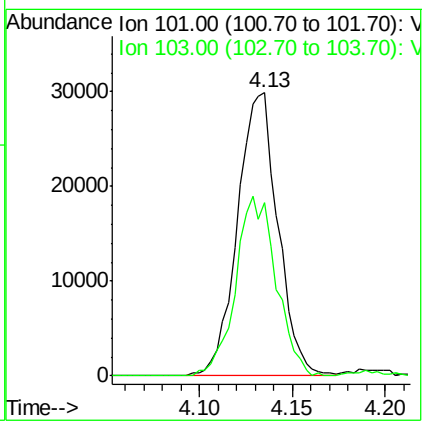


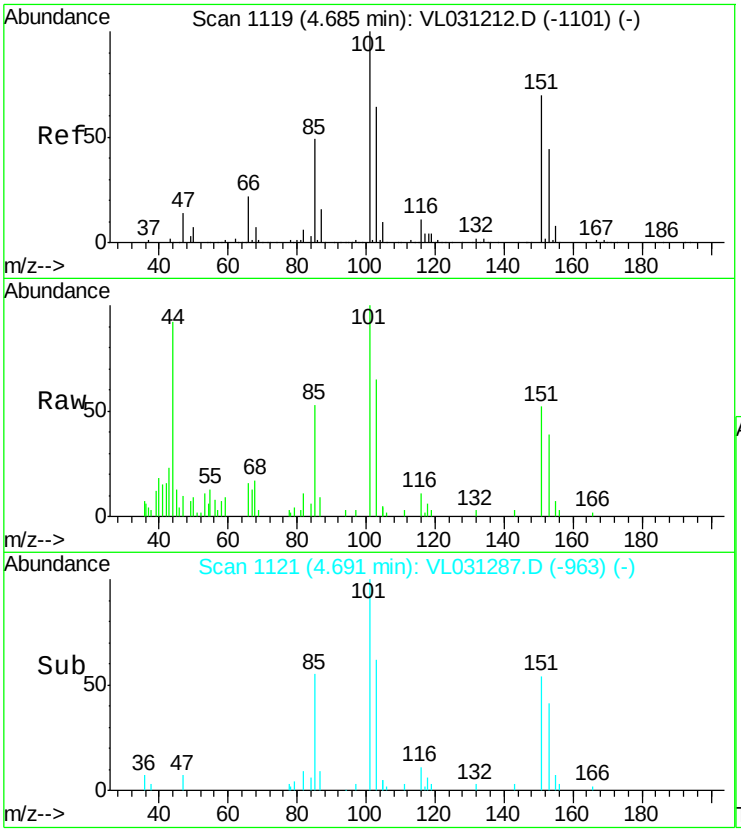


#11
Trichlorofluoromethane
Concen: 0.23 ppbv
RT: 4.13 min Scan# 948
Delta R.T. 0.01 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Tgt Ion:101 Resp: 45244

Ion	Ratio	Lower	Upper
101	100		
103	61.4	51.8	77.8



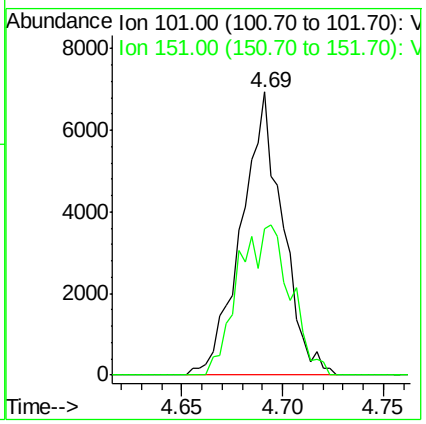


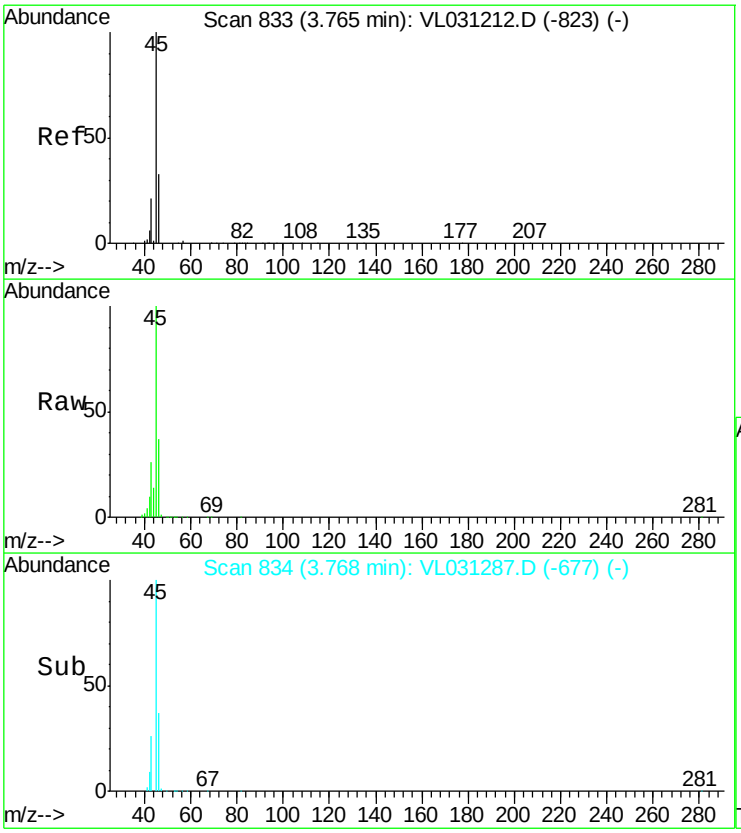
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.07 ppbv
RT: 4.69 min Scan# 1121
Delta R.T. 0.01 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Instrument : MSVOA_L
ClientSampleId : EP1-SV-7

Tgt Ion:101 Resp: 9935

Ion	Ratio	Lower	Upper
101	100		
151	67.2	56.5	84.7

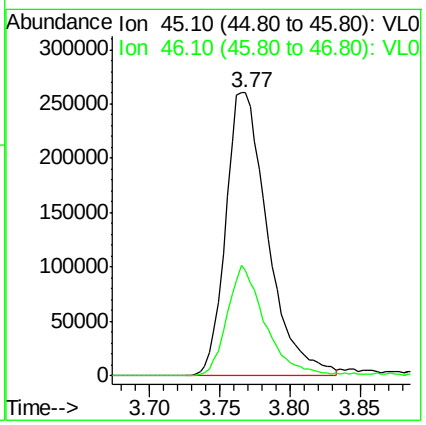


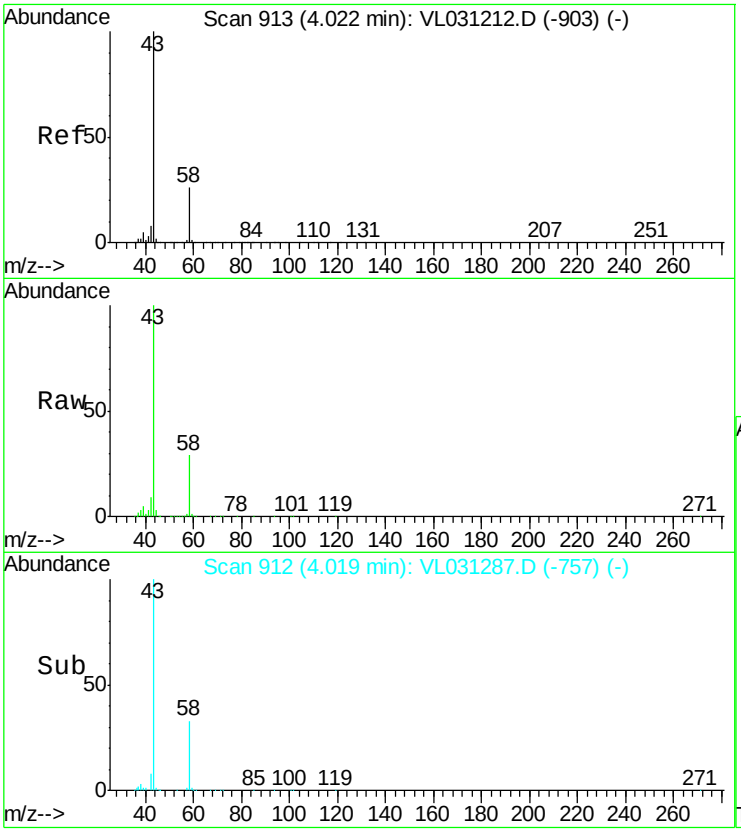


#13
Ethanol
Concen: 23.93 ppbv
RT: 3.77 min Scan# 834
Delta R.T. 0.00 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Tgt Ion: 45 Resp: 540680

Ion	Ratio	Lower	Upper
45	100		
46	37.0	14.6	58.4



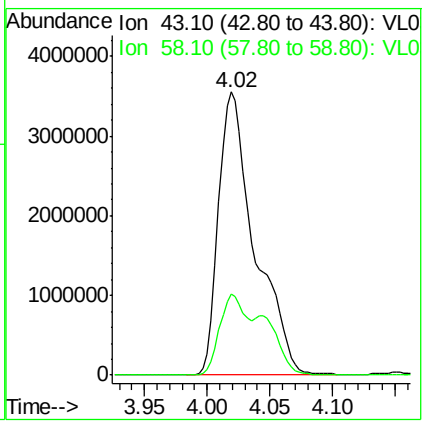


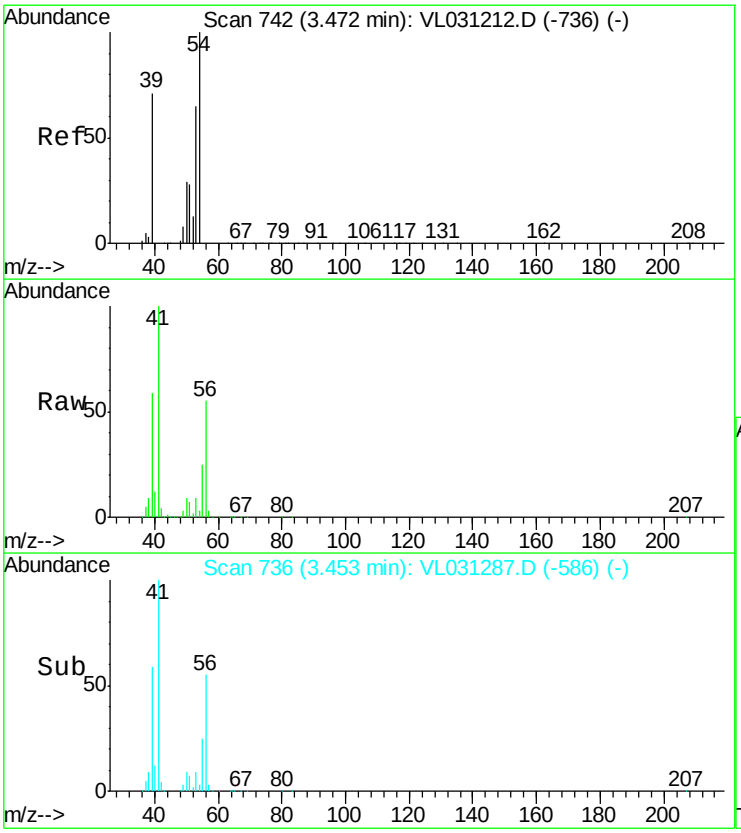
#15
Acetone
Concen: 38.44 ppbv
RT: 4.02 min Scan# 912
Delta R.T. -0.00 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-7

Tgt Ion: 43 Resp: 7122595

Ion	Ratio	Lower	Upper
43	100		
58	35.9	20.3	30.5#

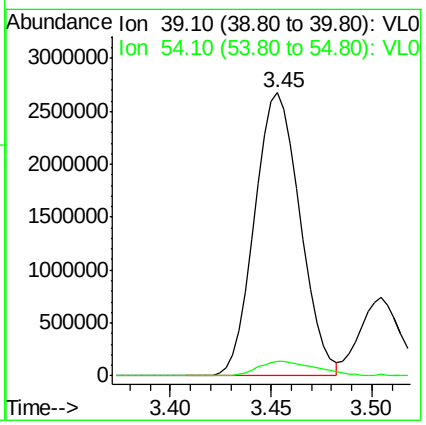


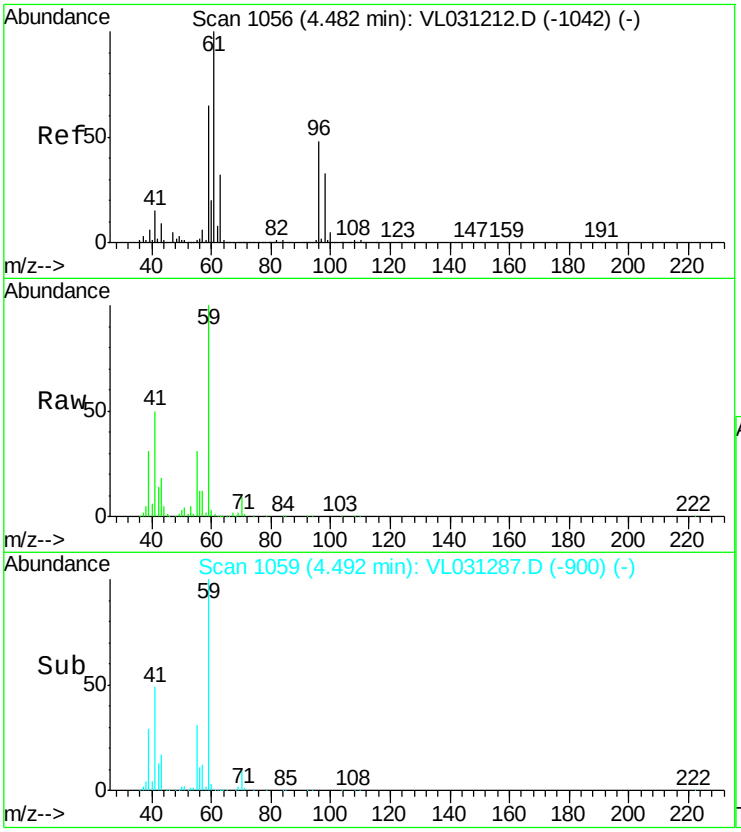


#16
1,3-Butadiene
Concen: 52.88 ppbv
RT: 3.45 min Scan# 736
Delta R.T. -0.02 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Tgt Ion: 39 Resp: 4214966

Ion	Ratio	Lower	Upper
39	100		
54	7.0	66.4	99.6#



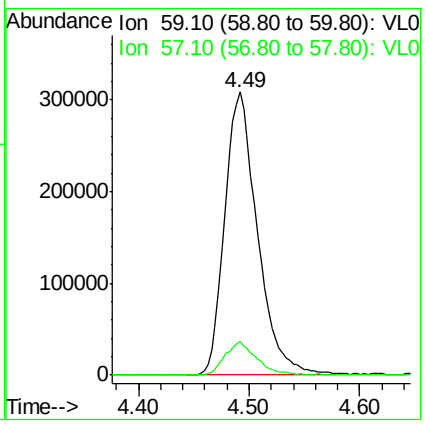


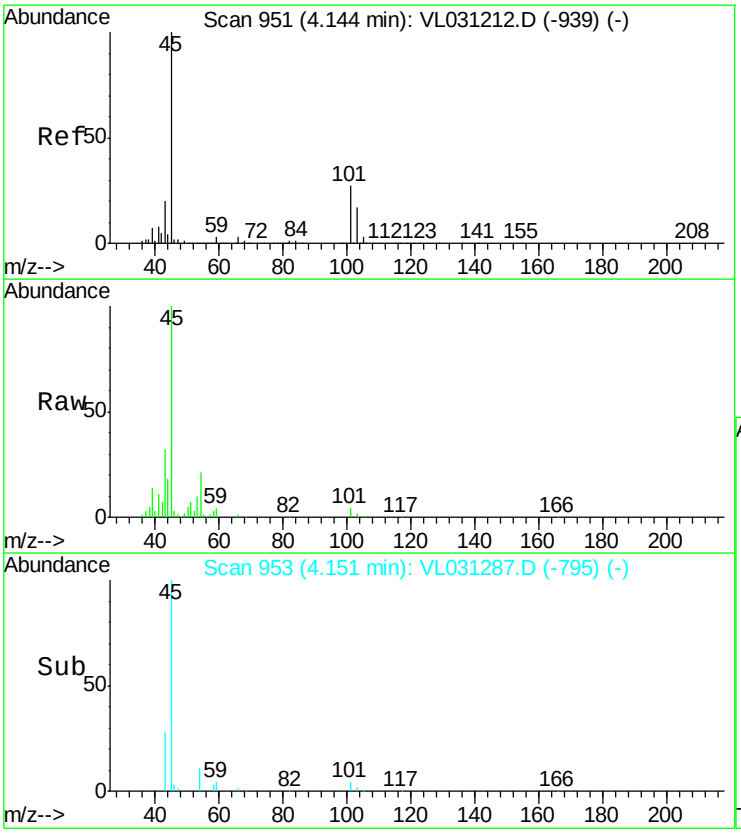
#17
tert-Butyl alcohol
Concen: 6.12 ppbv
RT: 4.49 min Scan# 1059
Delta R.T. 0.01 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-7

Tgt Ion: 59 Resp: 635957

Ion	Ratio	Lower	Upper
59	100		
57	11.5	8.2	12.2

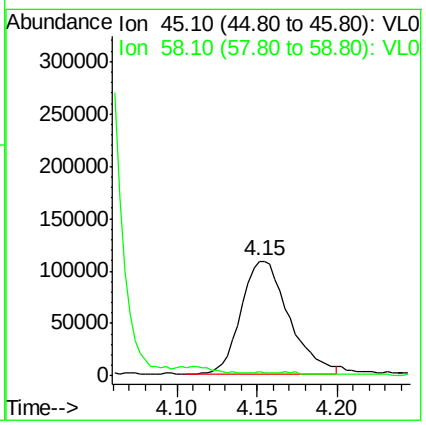


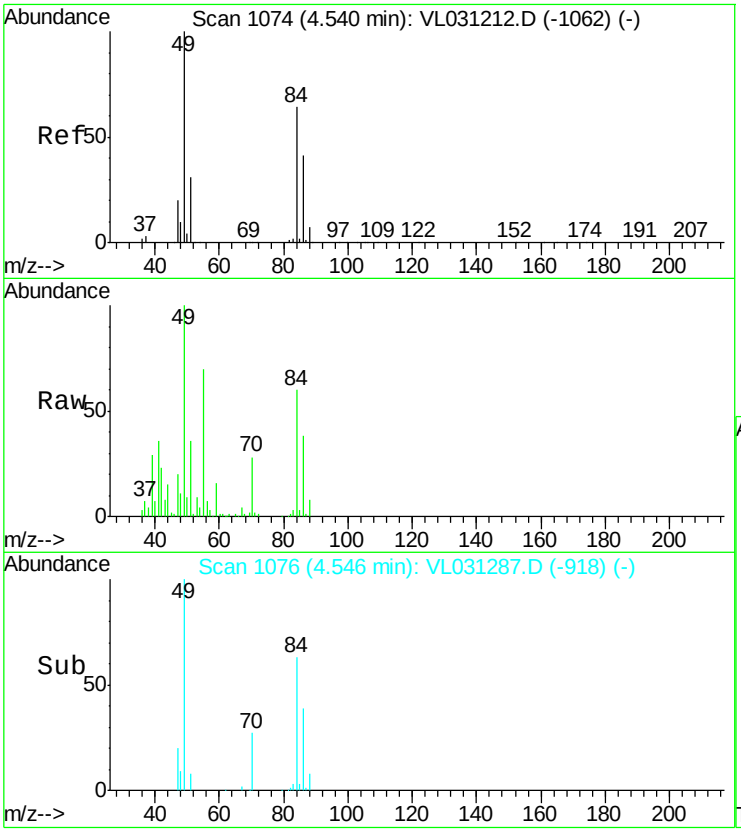


#19
Isopropyl Alcohol
Concen: 1.89 ppbv
RT: 4.15 min Scan# 953
Delta R.T. 0.01 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Tgt Ion: 45 Resp: 221197

Ion	Ratio	Lower	Upper
45	100		
58	0.0	27.2	40.8#



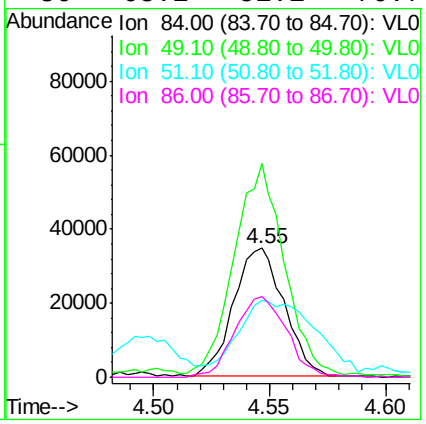


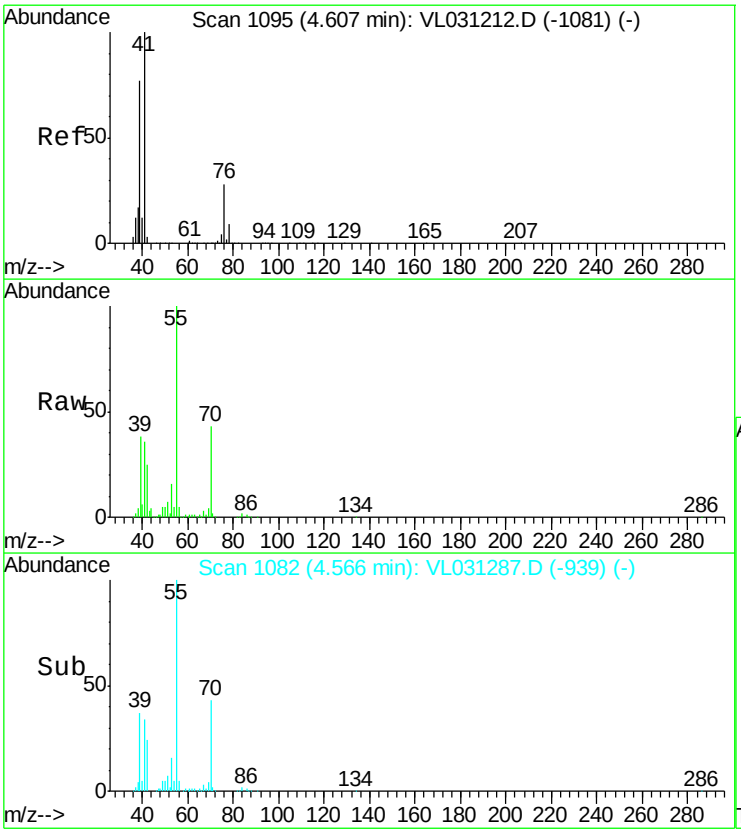
#20
Methylene Chloride
Concen: 0.85 ppbv
RT: 4.55 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Instrument : MSVOA_L
ClientSampleId : EP1-SV-7

Tgt Ion: 84 Resp: 52385

Ion	Ratio	Lower	Upper
84	100		
49	164.4	125.8	188.6
51	48.1	39.3	58.9
86	63.1	51.1	76.7

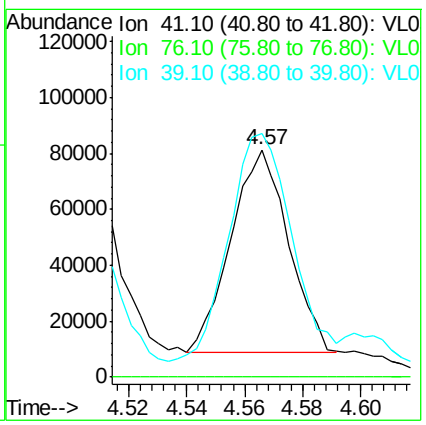


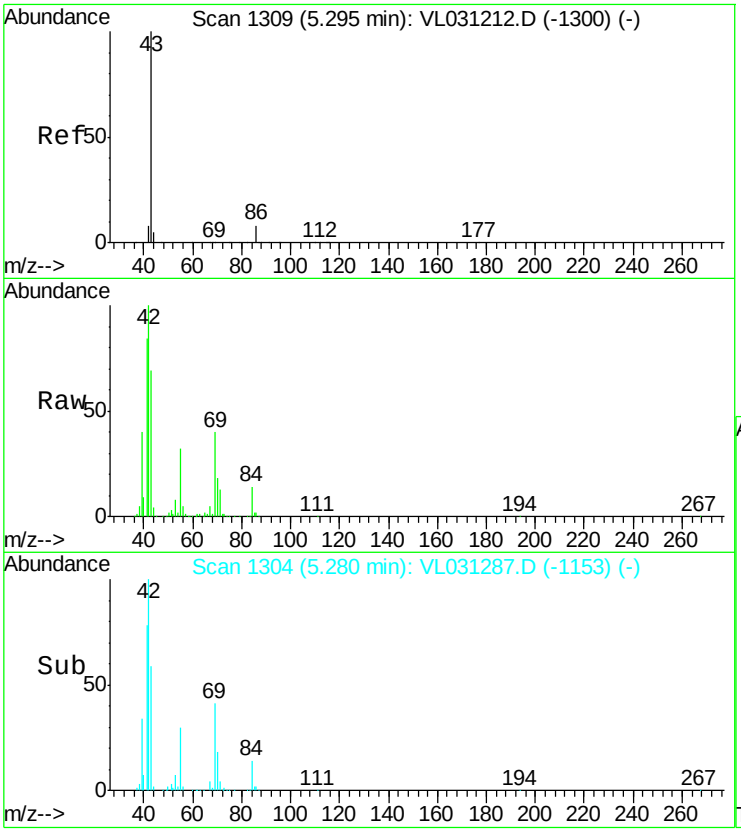


#21
Allyl Chloride
Concen: 0.92 ppbv
RT: 4.57 min Scan# 1082
Delta R.T. -0.04 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Tgt Ion: 41 Resp: 100361

Ion	Ratio	Lower	Upper
41	100		
76	0.0	22.9	34.3#
39	151.9	62.6	93.8#



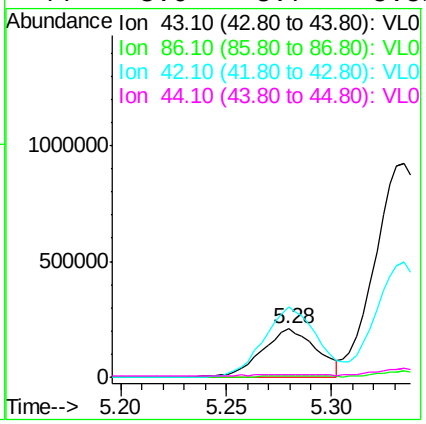


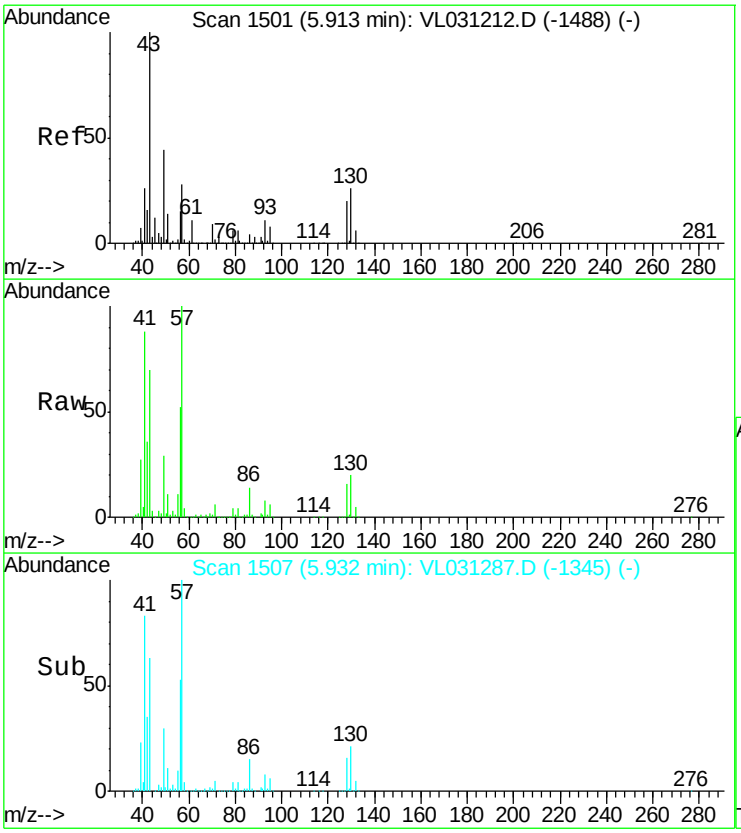
#23
Vinyl Acetate
Concen: 1.25 ppbv
RT: 5.28 min Scan# 1304
Delta R.T. -0.02 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Instrument : MSVOA_L
ClientSampleId : EP1-SV-7

Tgt Ion: 43 Resp: 371730

Ion	Ratio	Lower	Upper
43	100		
86	3.5	5.9	8.9#
42	145.0	7.3	10.9#
44	3.0	3.7	5.5#

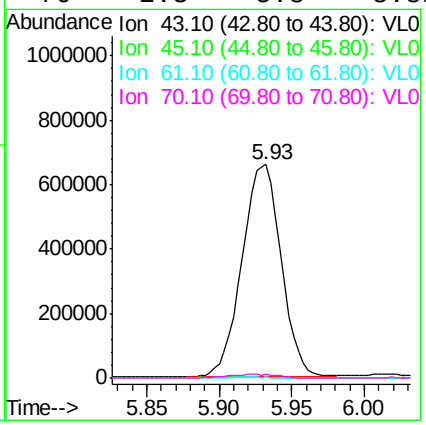


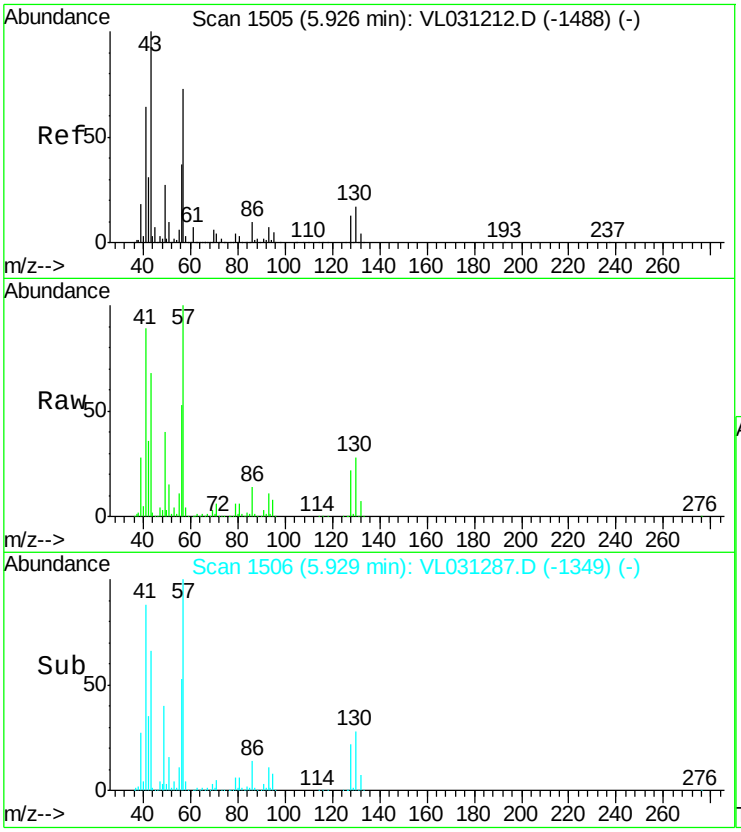


#25
Ethyl Acetate
Concen: 3.27 ppbv
RT: 5.93 min Scan# 1507
Delta R.T. 0.02 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Tgt Ion: 43 Resp: 1239176

Ion	Ratio	Lower	Upper
43	100		
45	0.9	8.0	12.0#
61	0.5	7.4	11.0#
70	2.3	5.8	8.8#



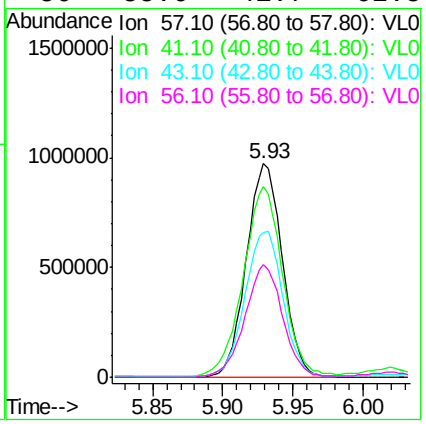


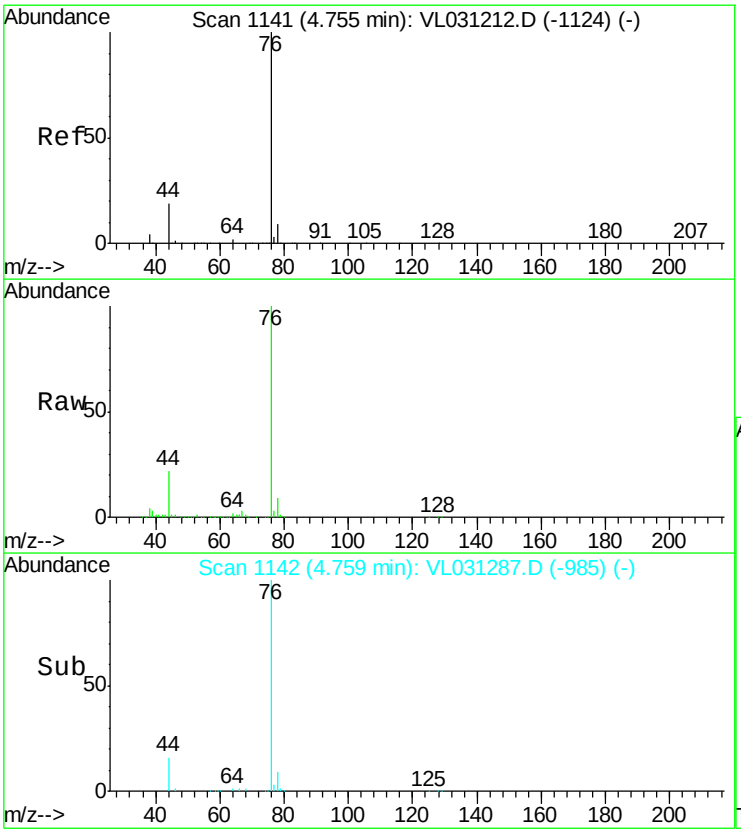
#26
Hexane
Concen: 9.67 ppbv
RT: 5.93 min Scan# 1506
Delta R.T. 0.00 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Instrument : MSVOA_L
ClientSampleId : EP1-SV-7

Tgt Ion: 57 Resp: 1735299

Ion	Ratio	Lower	Upper
57	100		
41	98.1	70.3	105.5
43	71.6	173.8	260.8#
56	55.6	41.7	62.5

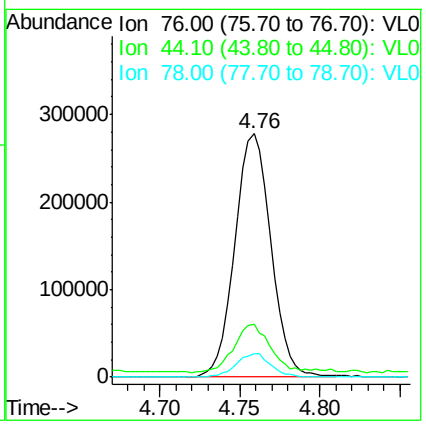


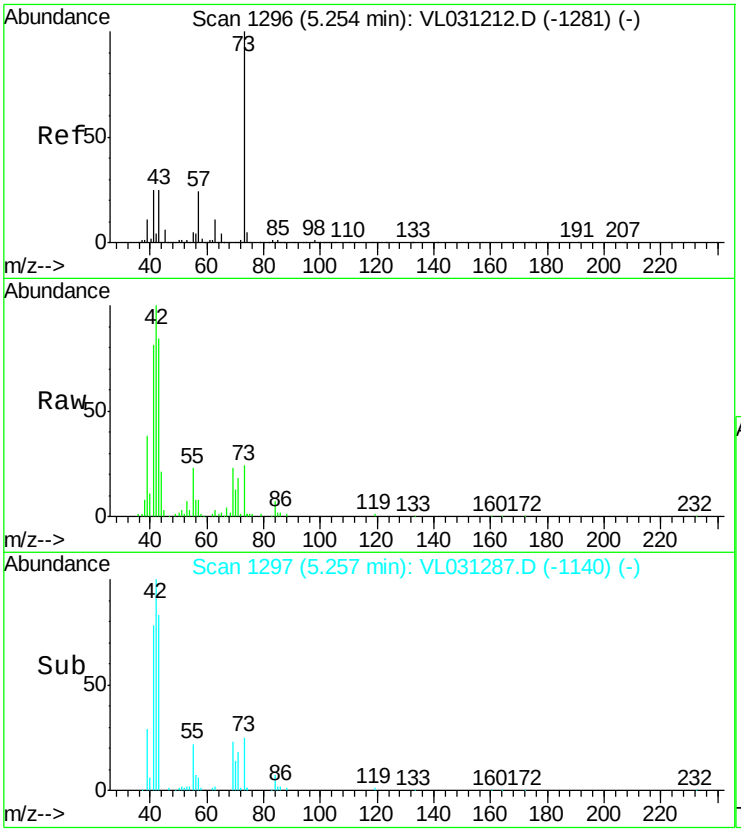


#27
Carbon Disulfide
Concen: 2.37 ppbv
RT: 4.76 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Tgt Ion: 76 Resp: 426114

Ion	Ratio	Lower	Upper
76	100		
44	21.9	16.0	24.0
78	9.2	7.5	11.3



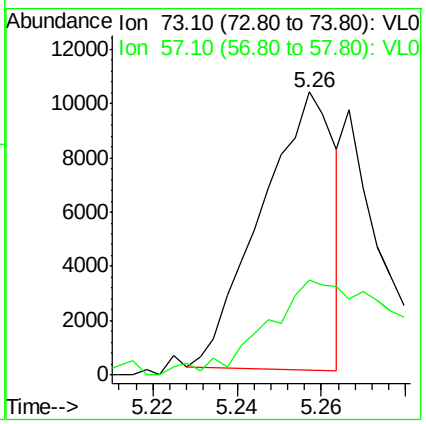


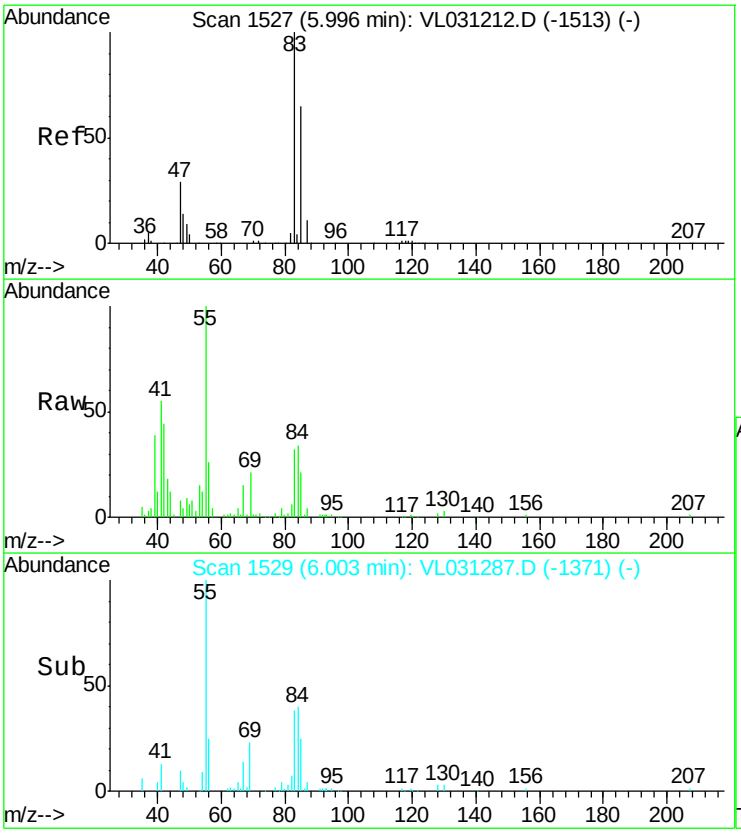
#28
Methyl tert-Butyl Ether
Concen: 0.05 ppbv
RT: 5.26 min Scan# 1297
Delta R.T. 0.00 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Instrument : MSVOA_L
ClientSampleId : EP1-SV-7

Tgt Ion: 73 Resp: 12389

Ion	Ratio	Lower	Upper
73	100		
57	0.0	18.5	27.7#

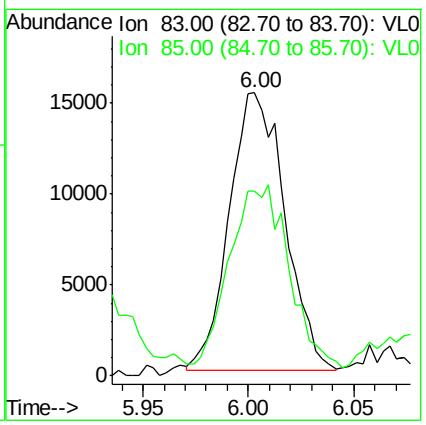


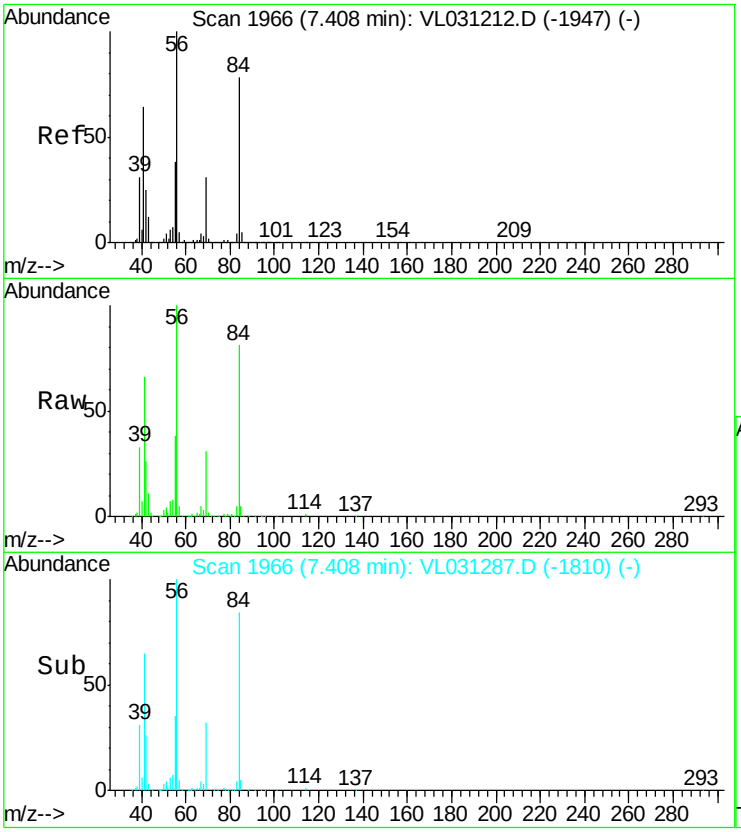


#29
Chloroform
Concen: 0.12 ppbv
RT: 6.00 min Scan# 1529
Delta R.T. 0.01 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Tgt Ion: 83 Resp: 27995

Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.8	77.6



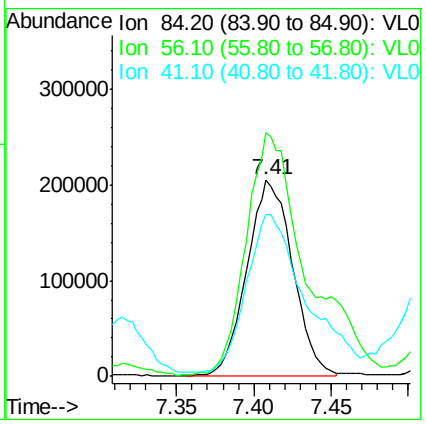


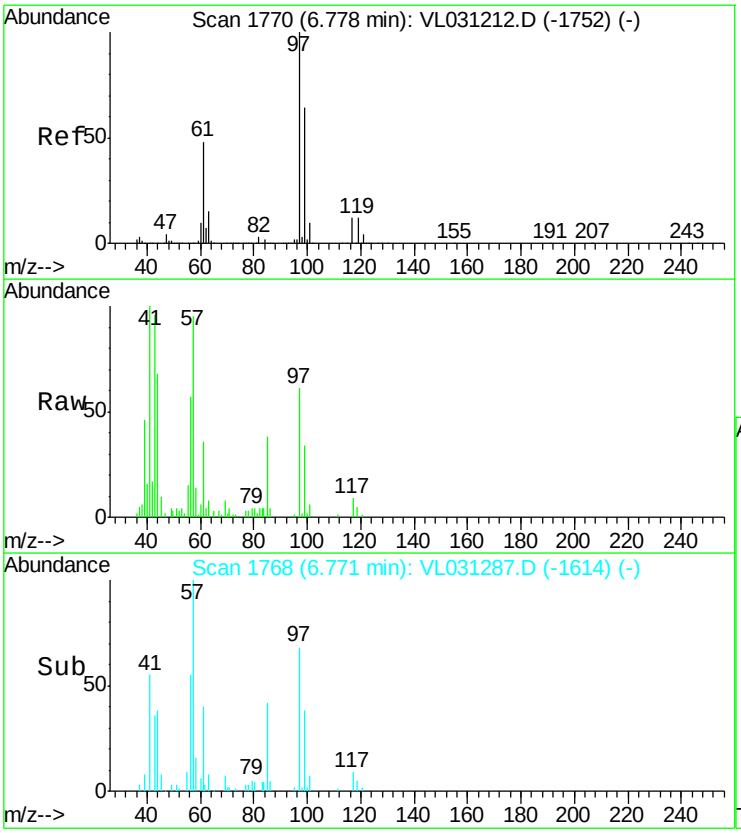
#30
Cyclohexane
Concen: 2.68 ppbv
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-7

Tgt Ion: 84 Resp: 423059

Ion	Ratio	Lower	Upper
84	100		
56	164.1	108.0	162.0#
41	101.6	66.2	99.4#

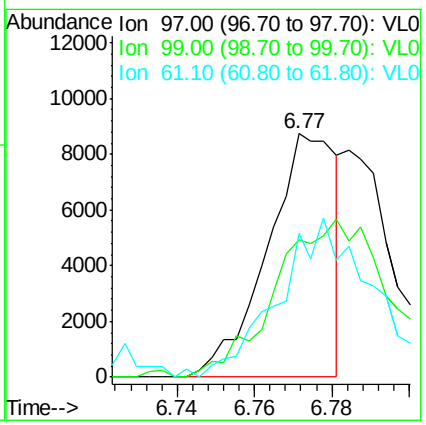


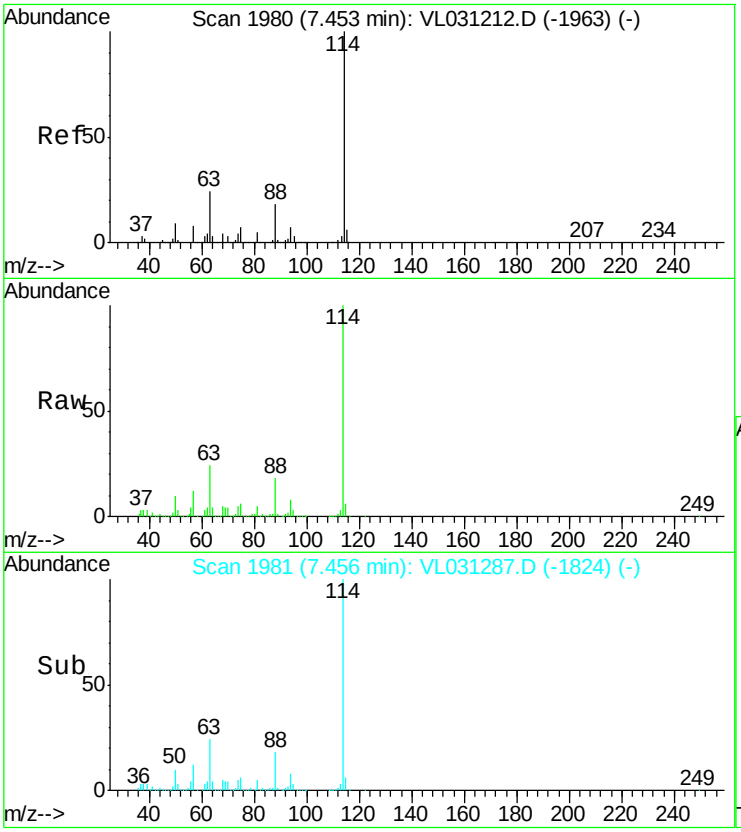


#32
1,1,1-Trichloroethane
Concen: 0.04 ppbv
RT: 6.77 min Scan# 1768
Delta R.T. -0.01 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Tgt Ion: 97 Resp: 10769

Ion	Ratio	Lower	Upper
97	100		
99	104.3	51.4	77.0#
61	91.7	38.4	57.6#



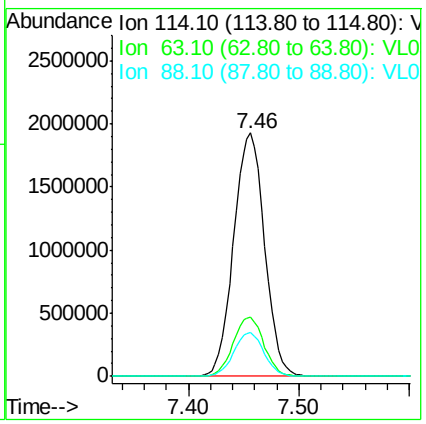


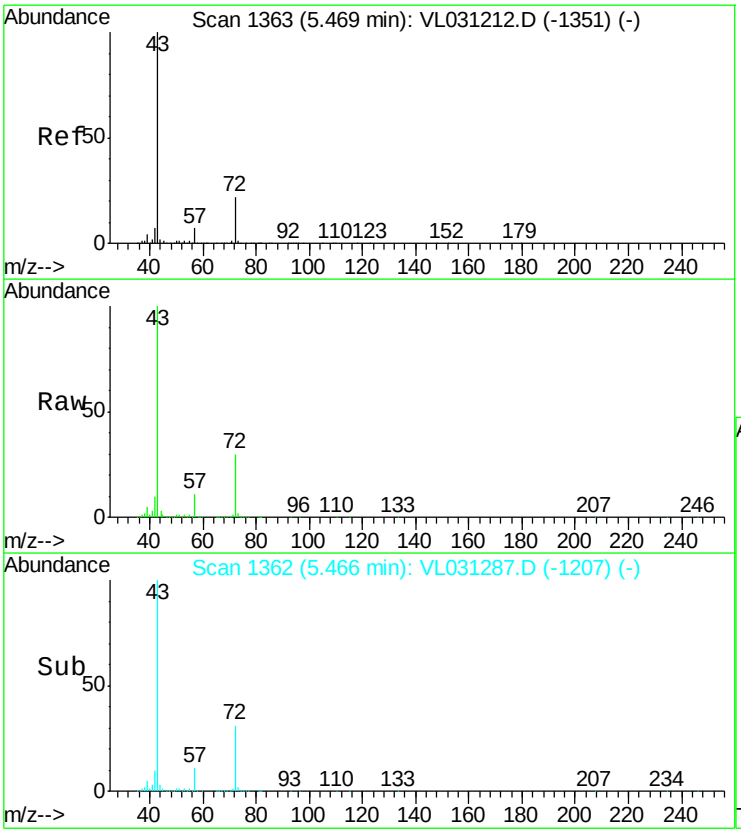
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.46 min Scan# 1981
Delta R.T. 0.00 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Instrument : MSVOA_L
ClientSampleId : EP1-SV-7

Tgt Ion:114 Resp: 3734464

Ion	Ratio	Lower	Upper
114	100		
63	24.4	19.8	29.8
88	17.6	14.2	21.4

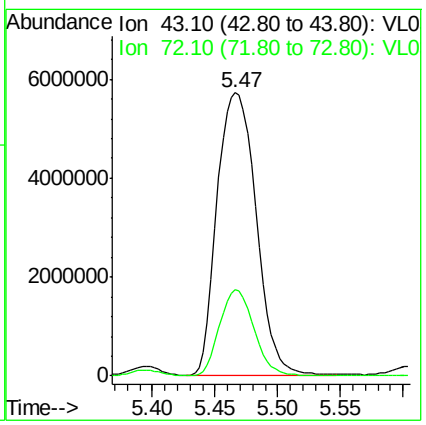


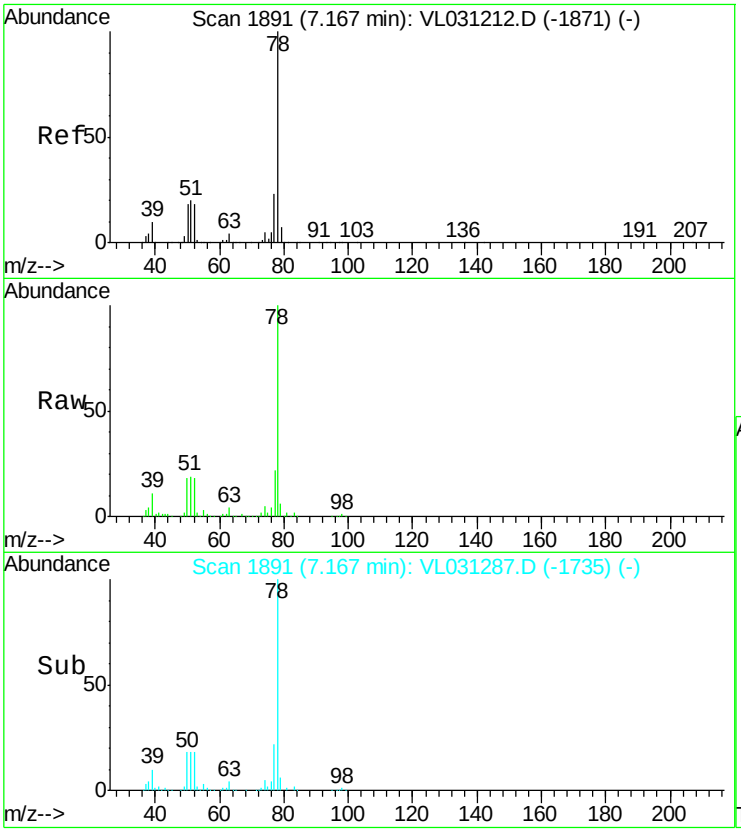


#34
2-Butanone
Concen: 46.96 ppbv
RT: 5.47 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Tgt Ion: 43 Resp:12386683

Ion	Ratio	Lower	Upper
43	100		
72	26.8	18.1	27.1



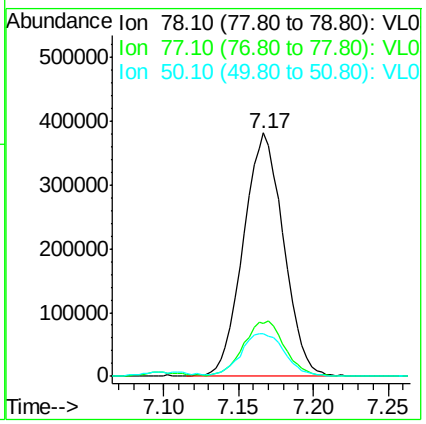


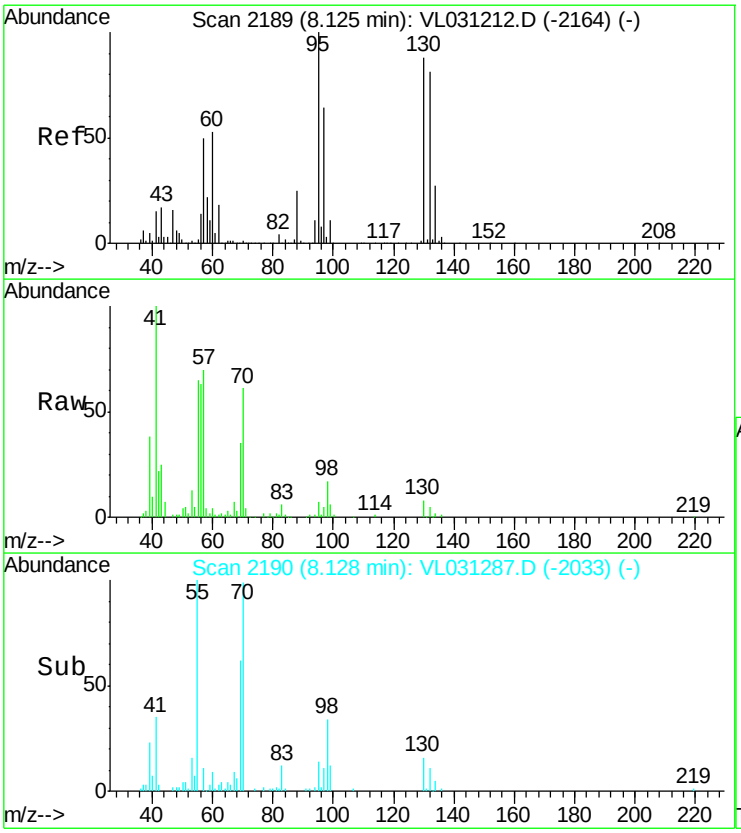
#36
Benzene
Concen: 1.80 ppbv
RT: 7.17 min Scan# 1891
Delta R.T. 0.00 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-7

Tgt Ion: 78 Resp: 711588

Ion	Ratio	Lower	Upper
78	100		
77	21.9	18.1	27.1
50	17.6	14.6	21.8

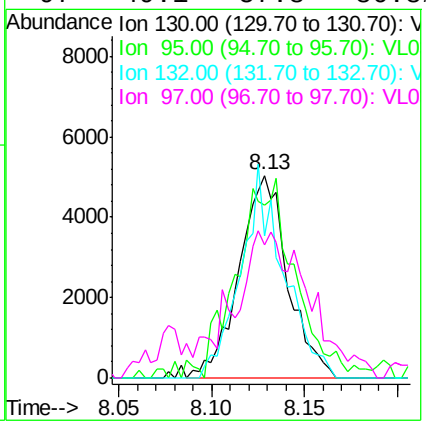


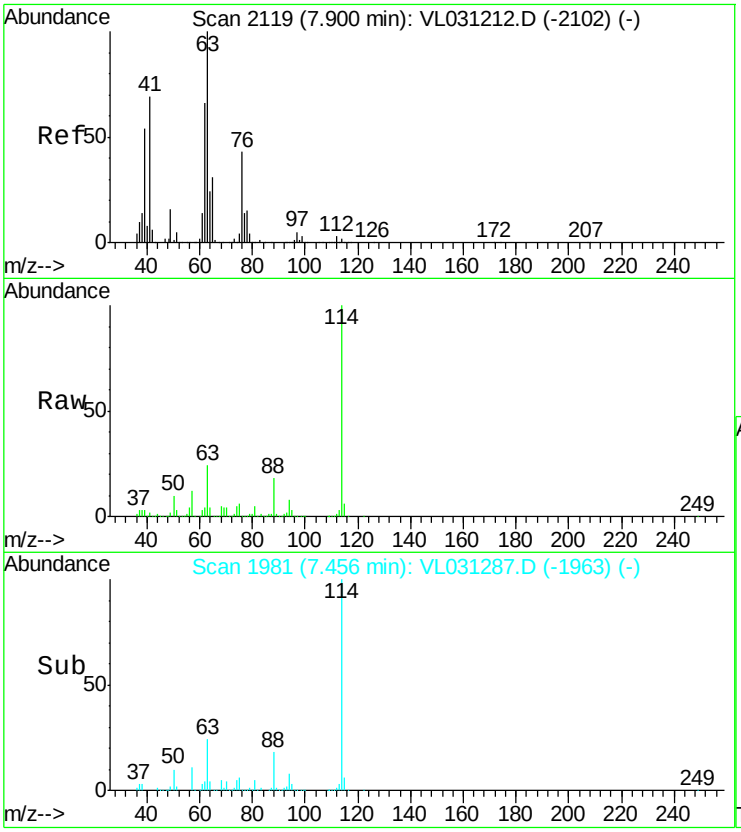


#38
Trichloroethene
Concen: 0.06 ppbv
RT: 8.13 min Scan# 2190
Delta R.T. 0.00 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Tgt Ion:130 Resp: 9234

Ion	Ratio	Lower	Upper
130	100		
95	76.1	90.6	135.8#
132	69.8	73.5	110.3#
97	49.1	57.8	86.8#



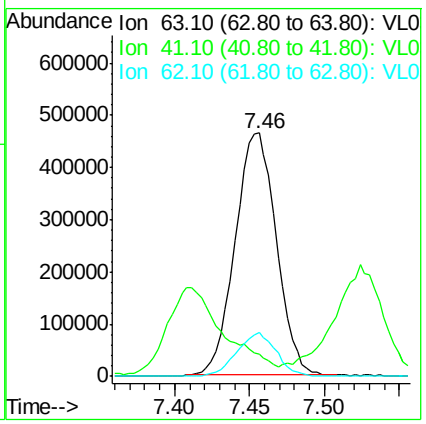


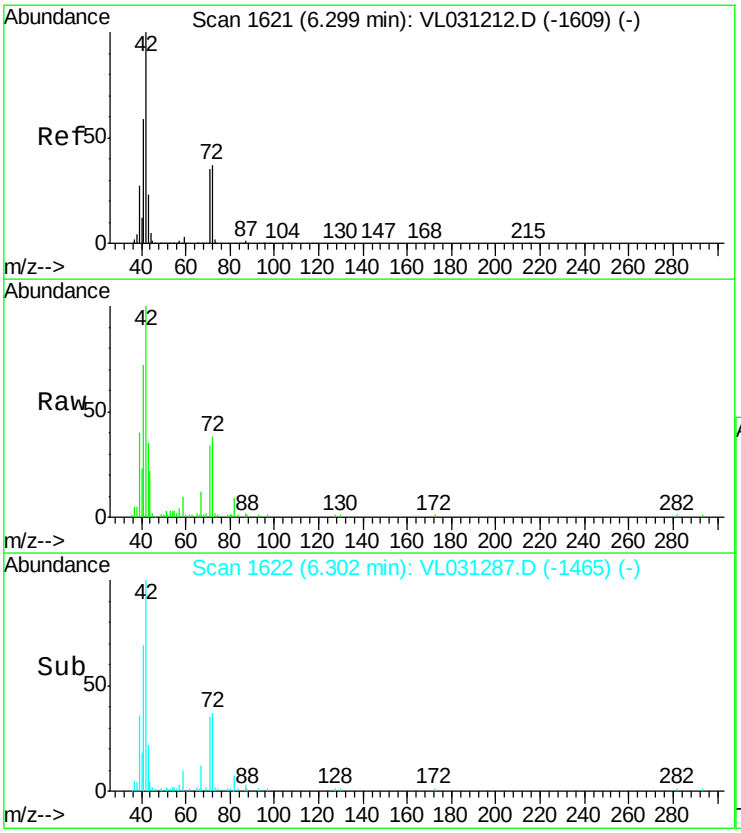
#39
1,2-Dichloropropane
Concen: 6.34 ppbv
RT: 7.46 min Scan# 1981
Delta R.T. -0.44 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Instrument : MSVOA_L
ClientSampleId : EP1-SV-7

Tgt Ion: 63 Resp: 887664

Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.2	82.8#
62	18.0	53.0	79.4#

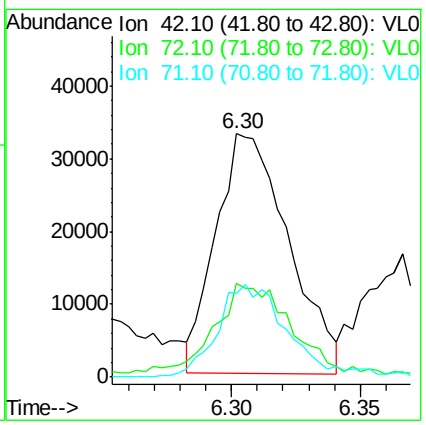


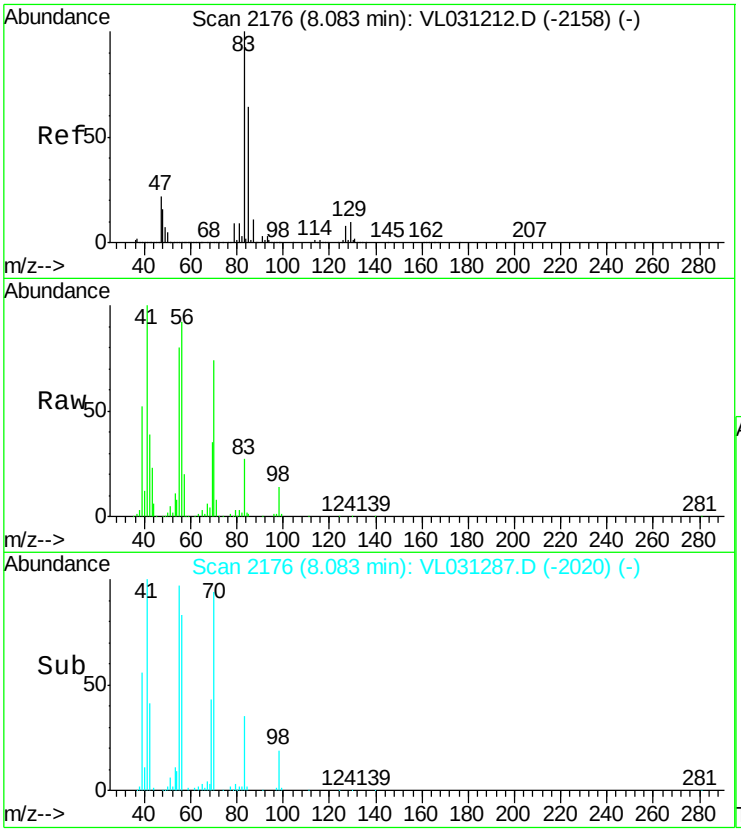


#41
Tetrahydrofuran
Concen: 0.44 ppbv
RT: 6.30 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Tgt Ion: 42 Resp: 64737

Ion	Ratio	Lower	Upper
42	100		
72	46.9	30.2	45.4#
71	38.7	29.0	43.6



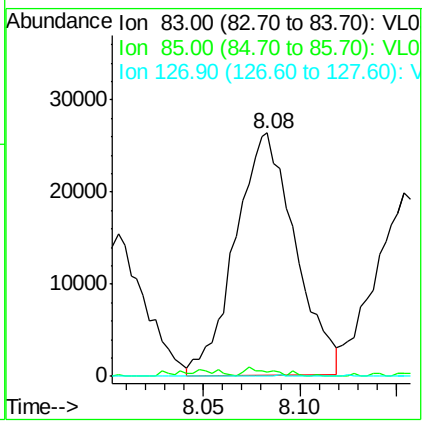


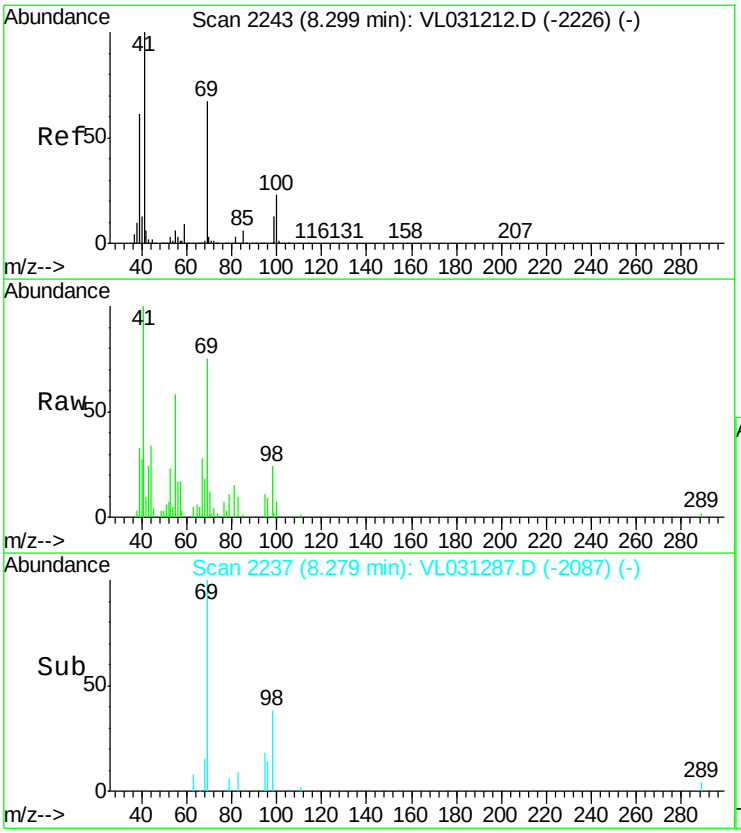
#42
Bromodichloromethane
Concen: 0.22 ppbv
RT: 8.08 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-7

Tgt Ion: 83 Resp: 56251

Ion	Ratio	Lower	Upper
83	100		
85	2.0	51.5	77.3#
127	0.0	6.5	9.7#

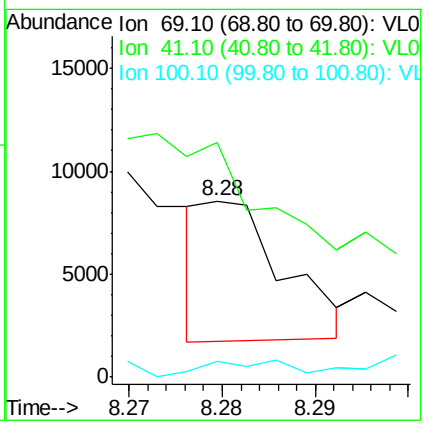


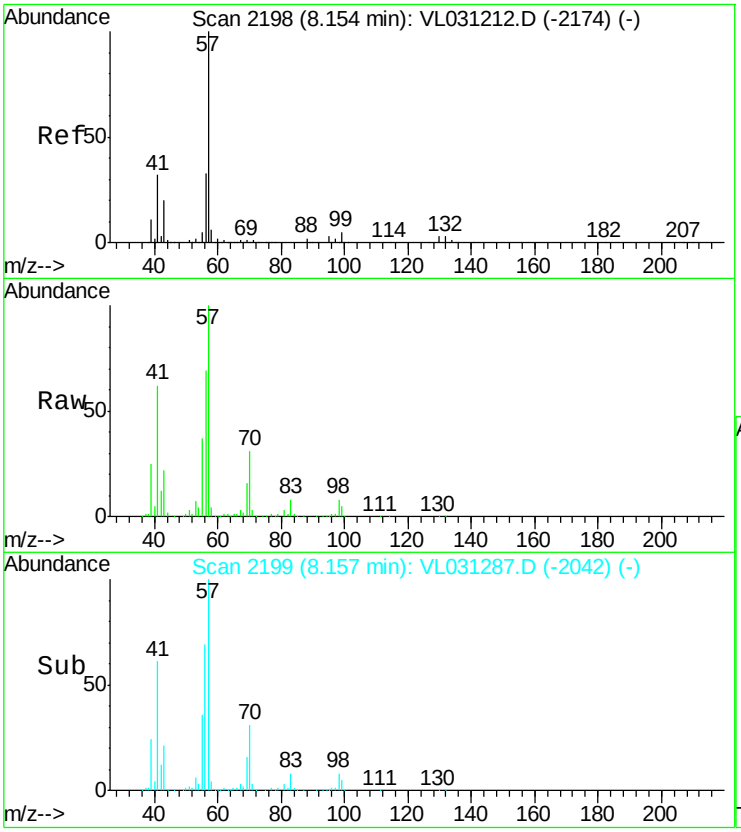


#43
Methyl Methacrylate
Concen: 0.03 ppbv
RT: 8.28 min Scan# 2237
Delta R.T. -0.02 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Tgt Ion: 69 Resp: 4042

Ion	Ratio	Lower	Upper
69	100		
41	778.1	121.1	181.7#
100	0.0	27.4	41.2#



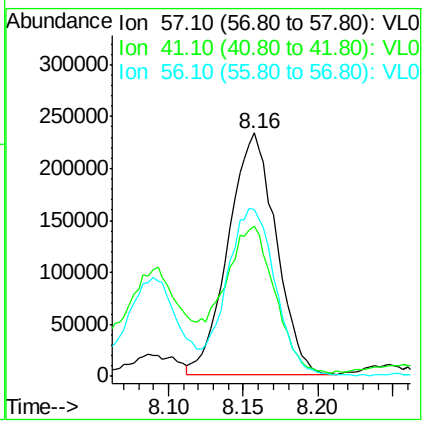


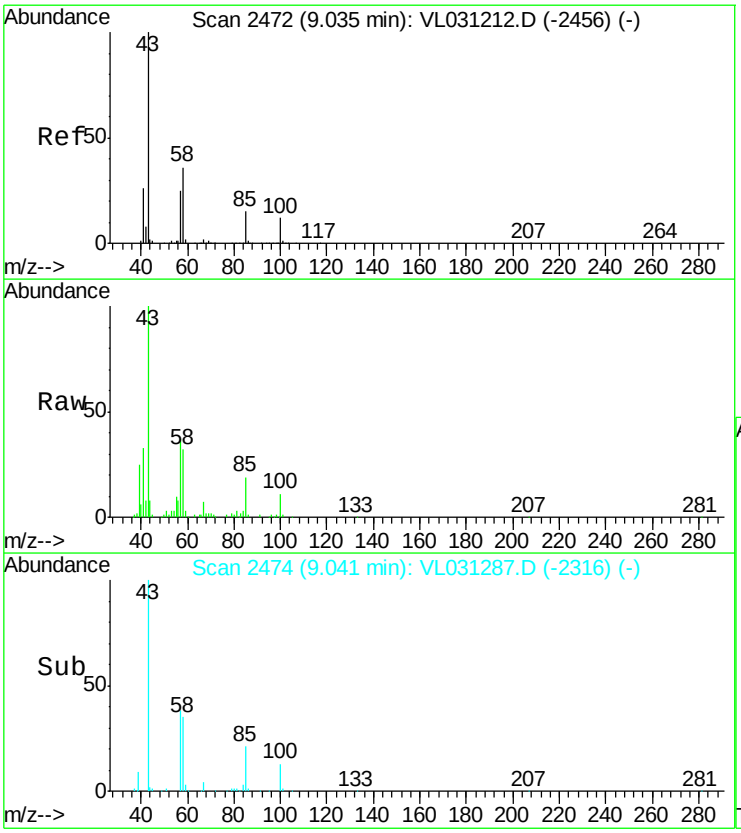
#44
2,2,4-Trimethylpentane
Concen: 0.87 ppbv
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-7

Tgt Ion: 57 Resp: 517499

Ion	Ratio	Lower	Upper
57	100		
41	65.3	25.5	38.3#
56	69.5	25.0	37.6#

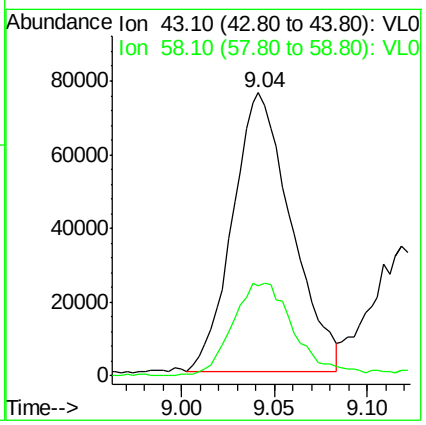


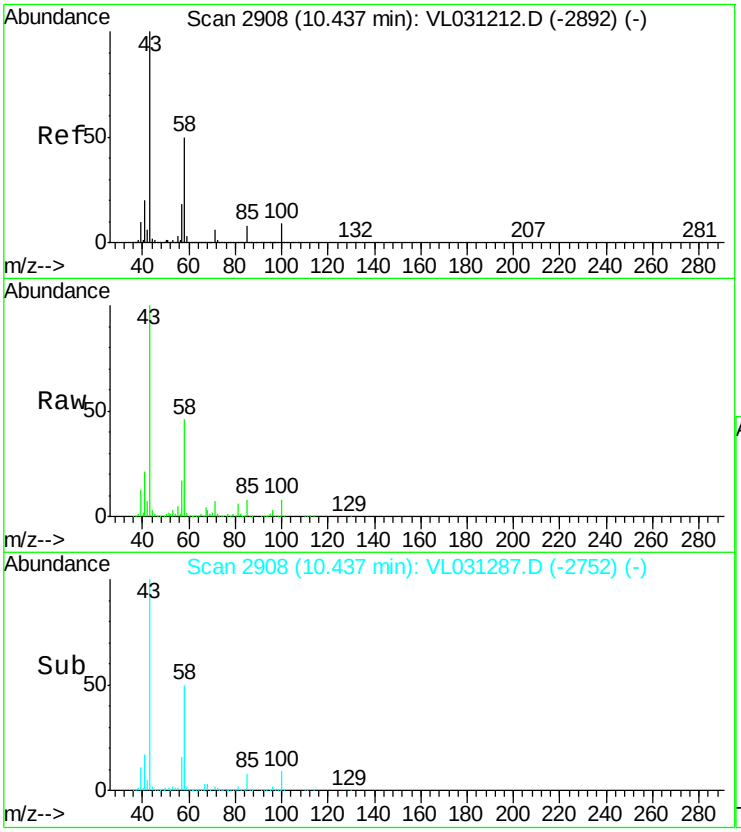


#50
4-Methyl-2-Pentanone
Concen: 0.51 ppbv
RT: 9.04 min Scan# 2474
Delta R.T. 0.01 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Tgt Ion: 43 Resp: 166097

Ion	Ratio	Lower	Upper
43	100		
58	35.4	28.8	43.2



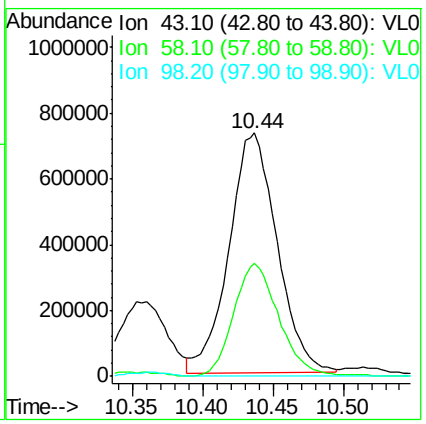


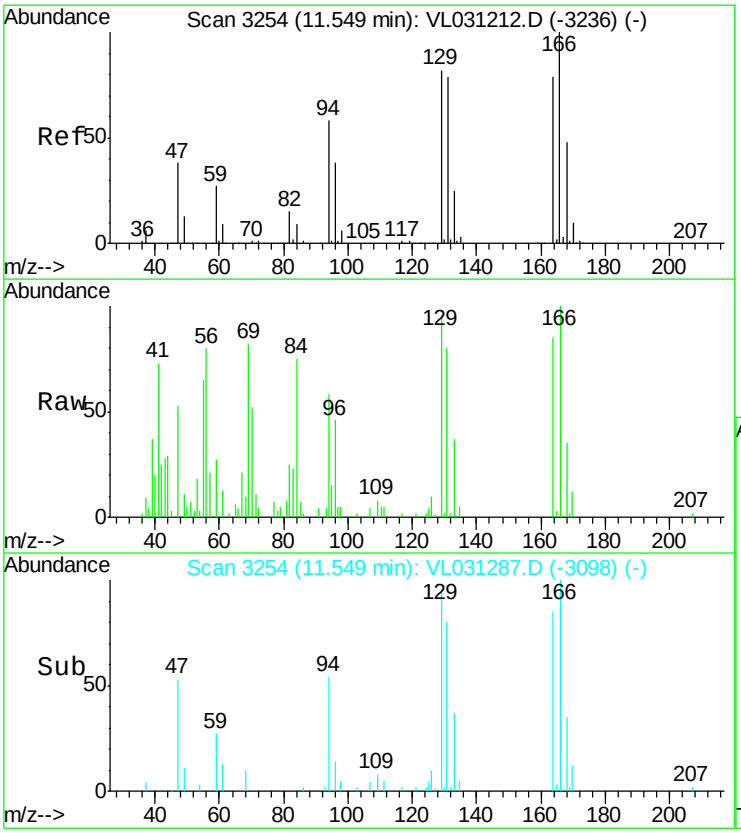
#51
2-Hexanone
Concen: 5.64 ppbv
RT: 10.44 min Scan# 2908
Delta R.T. 0.00 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Instrument : MSVOA_L
ClientSampleId : EP1-SV-7

Tgt Ion: 43 Resp: 1738694

Ion	Ratio	Lower	Upper
43	100		
58	44.6	39.8	59.6
98	0.2	0.0	0.0#

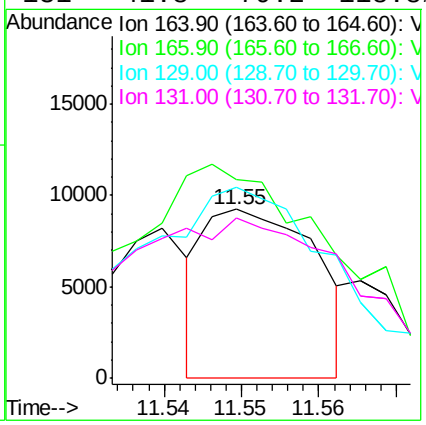


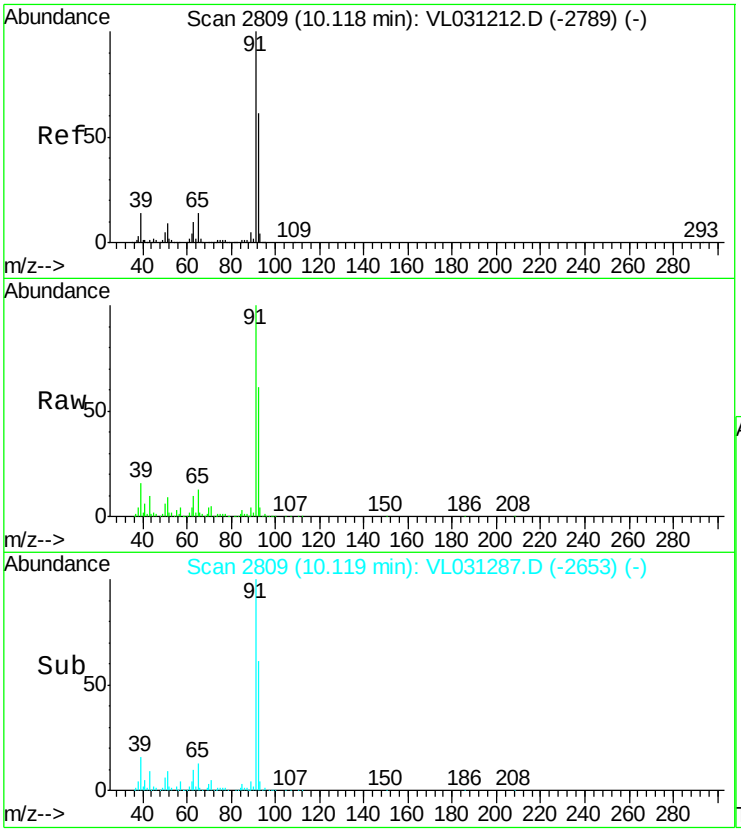


#52
Tetrachloroethene
Concen: 0.06 ppbv
RT: 11.55 min Scan# 3254
Delta R.T. 0.00 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Tgt Ion:164 Resp: 9190

Ion	Ratio	Lower	Upper
164	100		
166	99.8	100.6	151.0#
129	88.9	82.9	124.3
131	41.8	79.2	118.8#



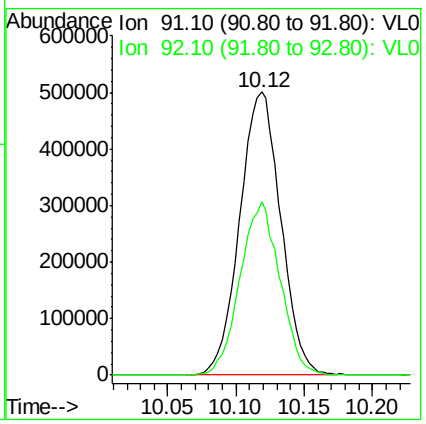


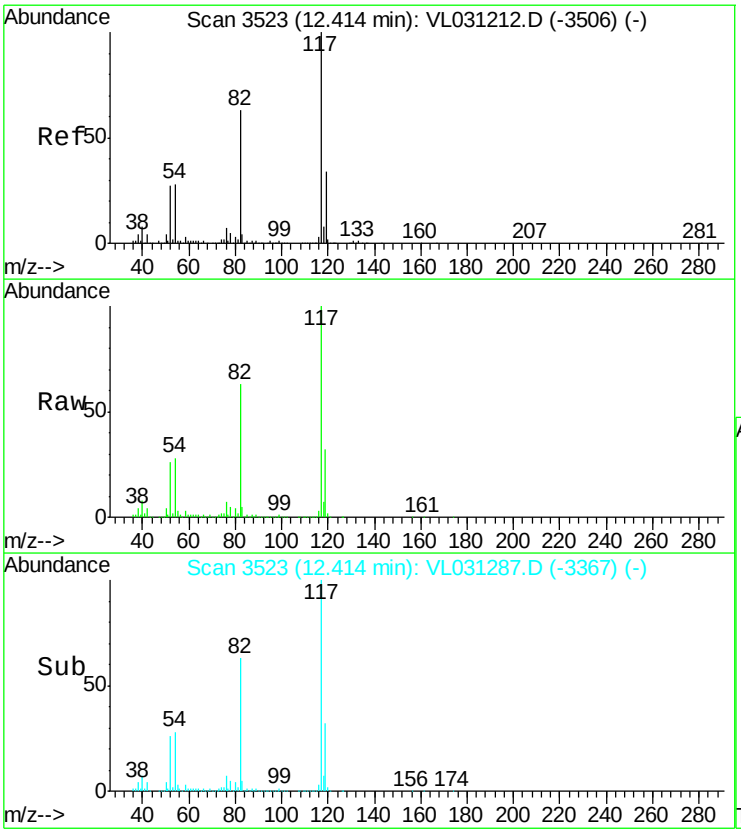
#53
Toluene
Concen: 2.43 ppbv
RT: 10.12 min Scan# 2809
Delta R.T. 0.00 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Instrument : MSVOA_L
ClientSampleId : EP1-SV-7

Tgt Ion: 91 Resp: 1043637

Ion	Ratio	Lower	Upper
91	100		
92	60.1	49.1	73.7

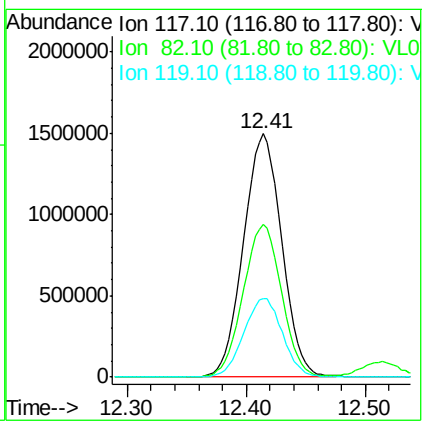


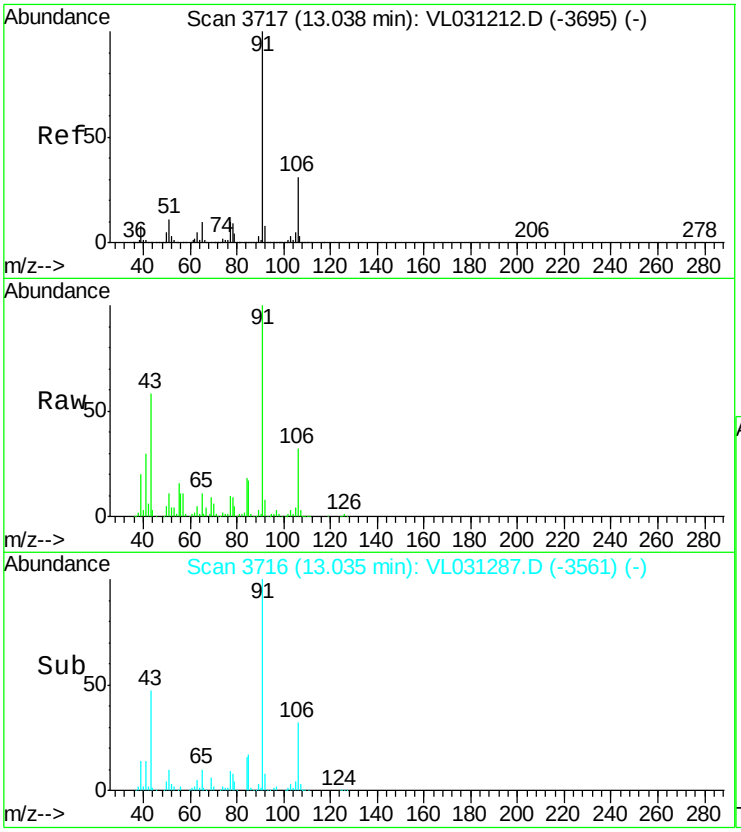


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.41 min Scan# 3523
Delta R.T. 0.00 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Tgt Ion:117 Resp: 3334411

Ion	Ratio	Lower	Upper
117	100		
82	62.8	48.1	72.1
119	32.7	23.1	34.7



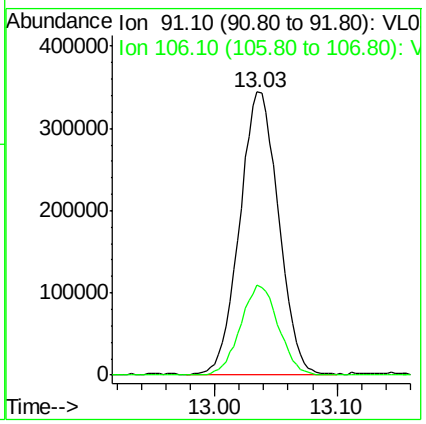


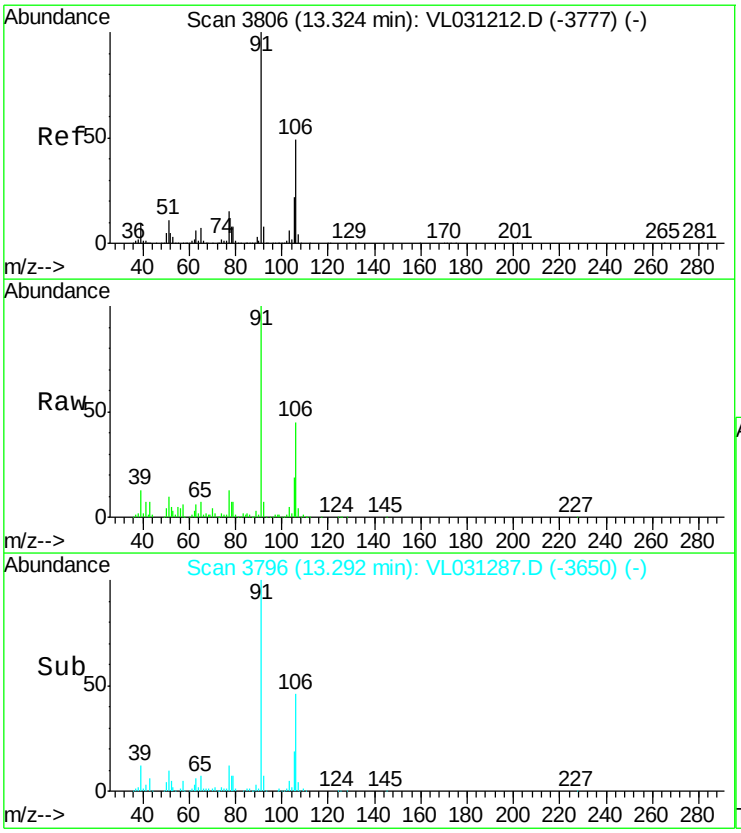
#58
Ethyl Benzene
Concen: 1.37 ppbv
RT: 13.03 min Scan# 3716
Delta R.T. -0.00 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Instrument : MSVOA_L
ClientSampleId : EP1-SV-7

Tgt Ion: 91 Resp: 751511

Ion	Ratio	Lower	Upper
91	100		
106	31.8	25.1	37.7

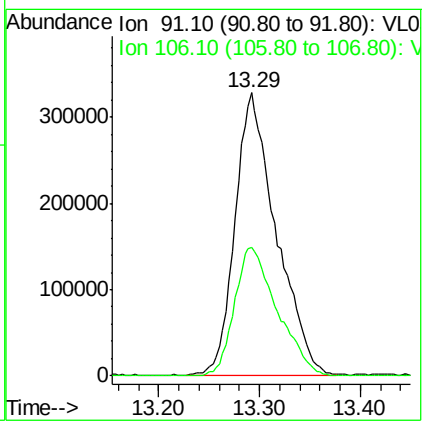


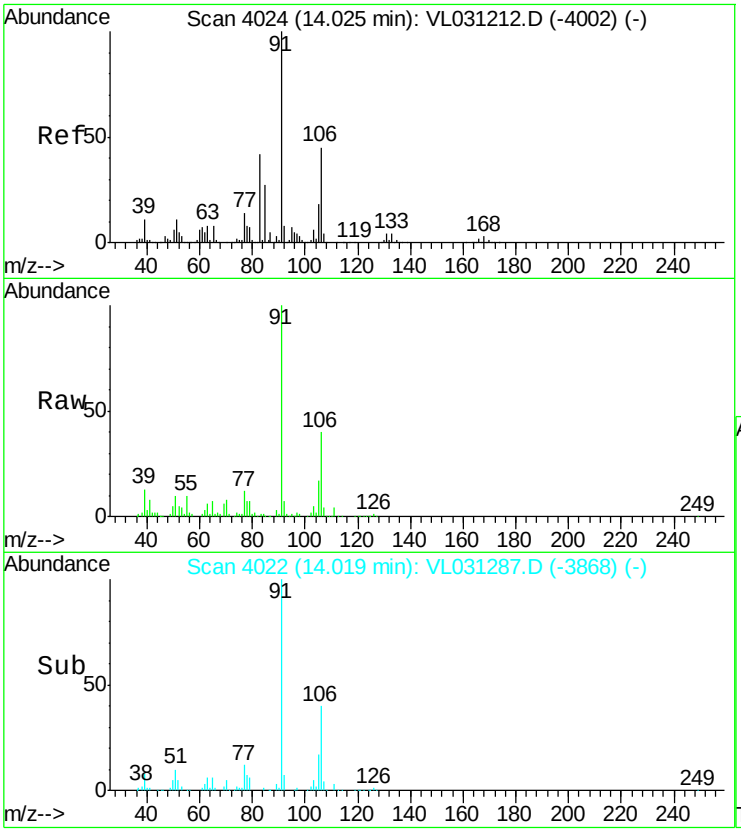


#59
m/p-Xylene
Concen: 2.09 ppbv
RT: 13.29 min Scan# 3796
Delta R.T. -0.03 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Tgt Ion: 91 Resp: 921245

Ion	Ratio	Lower	Upper
91	100		
106	47.8	38.5	57.7



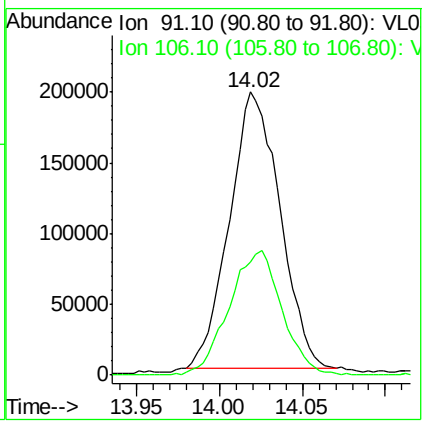


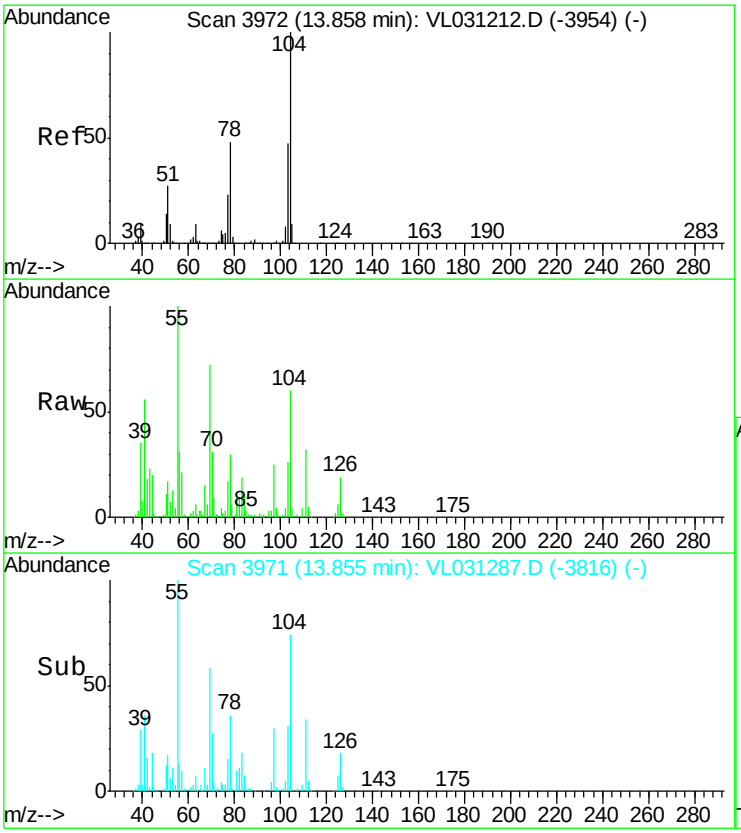
#60
o-Xylene
Concen: 0.94 ppbv
RT: 14.02 min Scan# 4022
Delta R.T. -0.01 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-7

Tgt Ion: 91 Resp: 415878

Ion	Ratio	Lower	Upper
91	100		
106	47.5	22.7	68.1

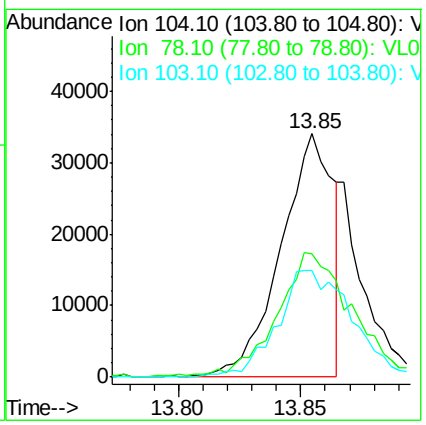


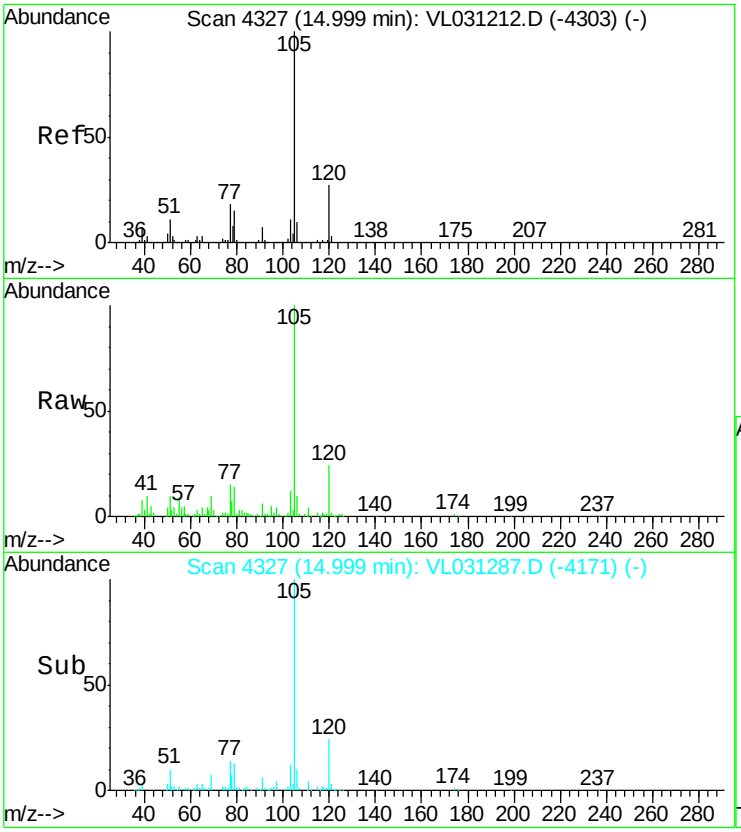


#61
Styrene
Concen: 0.40 ppbv
RT: 13.85 min Scan# 3971
Delta R.T. -0.00 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Tgt Ion:104 Resp: 50412

Ion	Ratio	Lower	Upper
104	100		
78	76.0	39.1	58.7#
103	63.0	37.3	55.9#



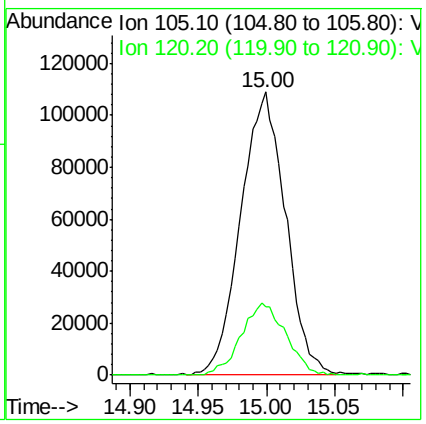


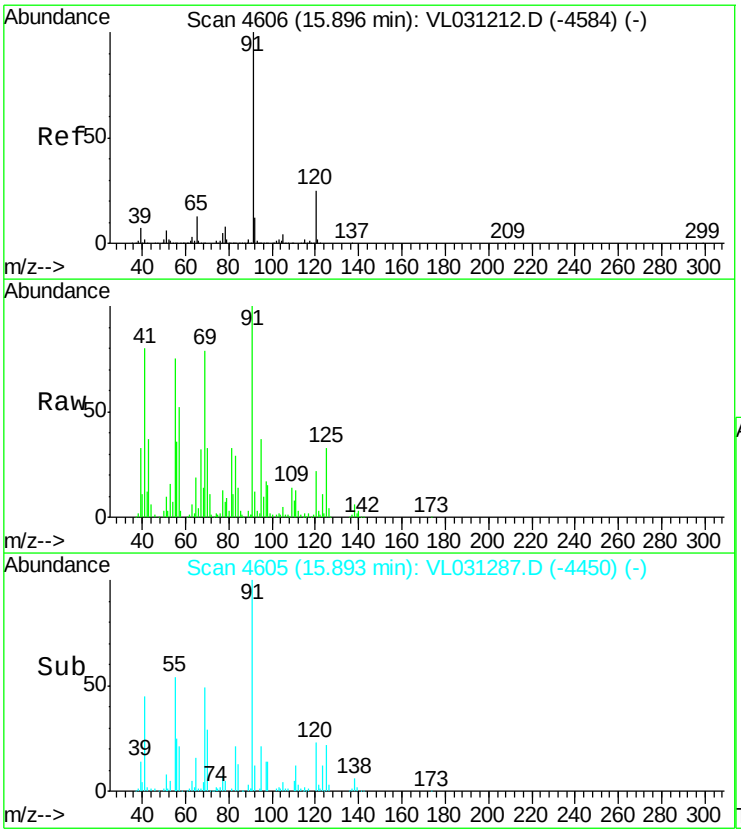
#62
Isopropylbenzene
Concen: 0.42 ppbv
RT: 15.00 min Scan# 4327
Delta R.T. 0.00 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-7

Tgt Ion:105 Resp: 246336

Ion	Ratio	Lower	Upper
105	100		
120	25.7	21.0	31.6

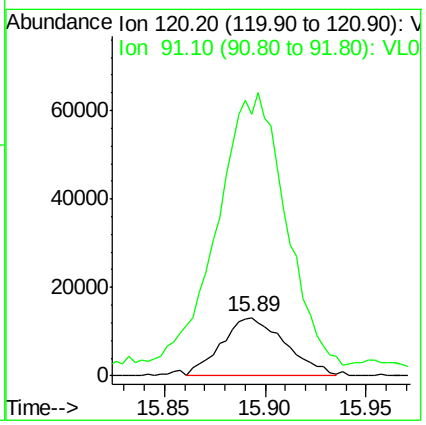


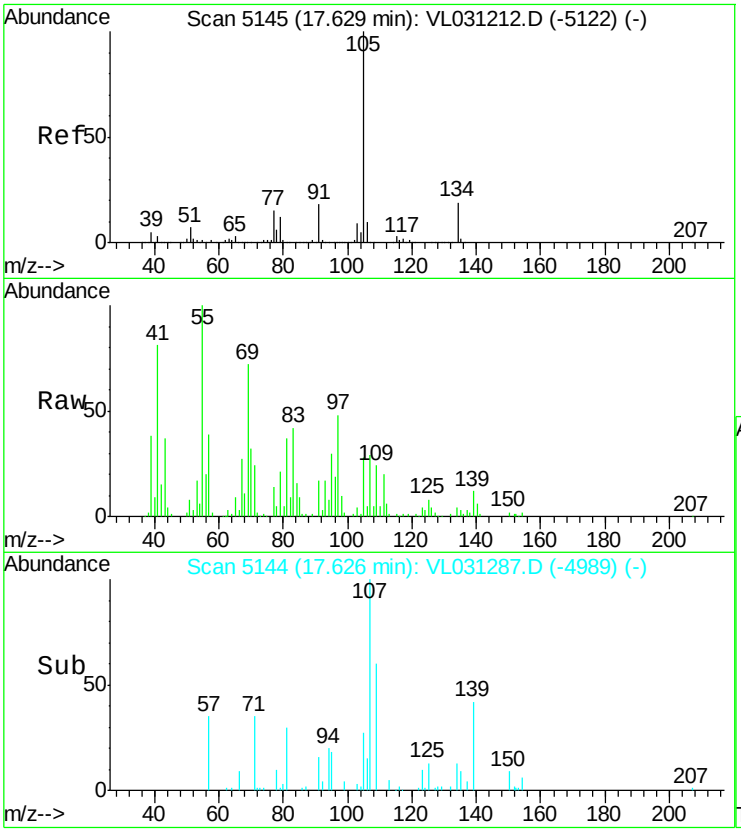


#64
n-propylbenzene
Concen: 0.19 ppbv
RT: 15.89 min Scan# 4605
Delta R.T. -0.00 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Tgt Ion:120 Resp: 29165

Ion	Ratio	Lower	Upper
120	100		
91	519.3	352.1	528.1



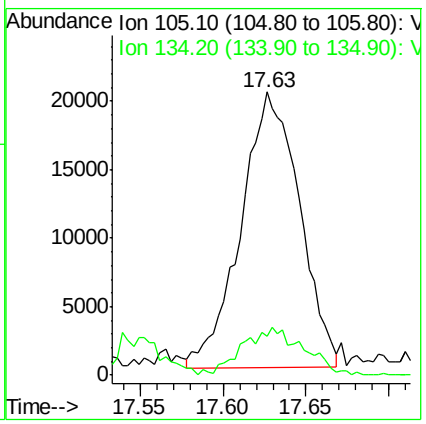


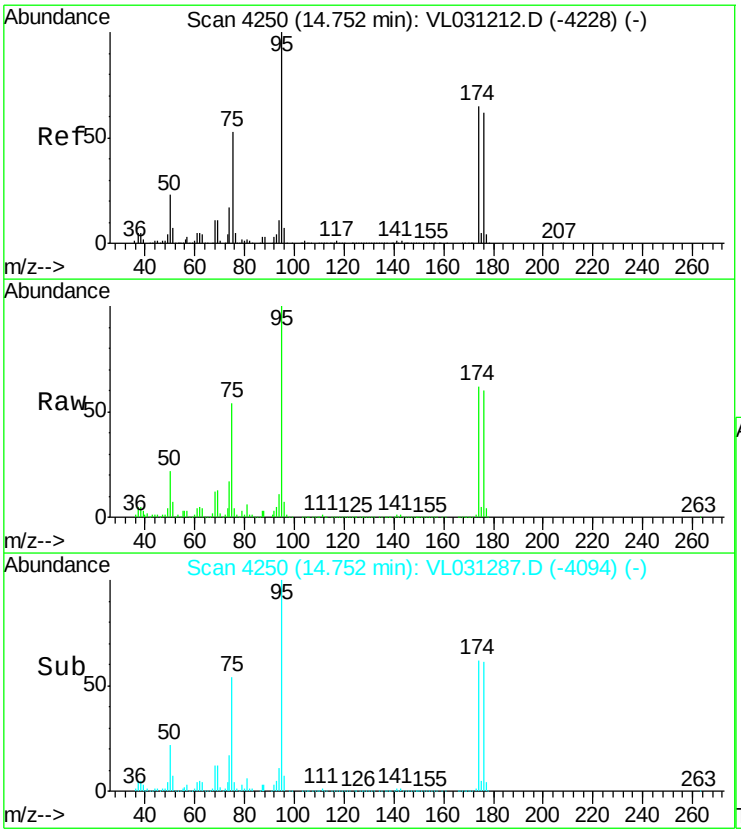
#67
sec-Butylbenzene
Concen: 0.07 ppbv
RT: 17.63 min Scan# 5144
Delta R.T. -0.00 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Instrument : MSVOA_L
ClientSampleId : EP1-SV-7

Tgt Ion:105 Resp: 49613

Ion	Ratio	Lower	Upper
105	100		
134	18.2	15.3	22.9

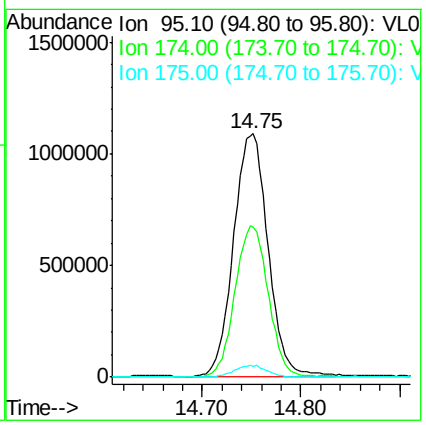


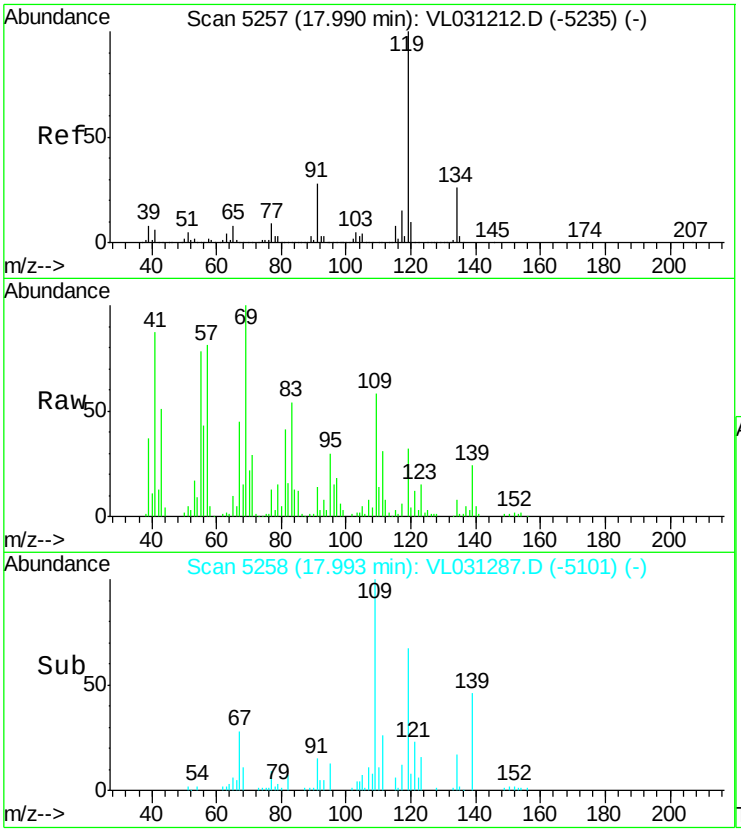


#68
1-Bromo-4-Fluorobenzene
Concen: 11.09 ppbv
RT: 14.75 min Scan# 4250
Delta R.T. 0.00 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Tgt Ion: 95 Resp: 2631067

Ion	Ratio	Lower	Upper
95	100		
174	61.1	52.5	78.7
175	4.6	4.1	6.1



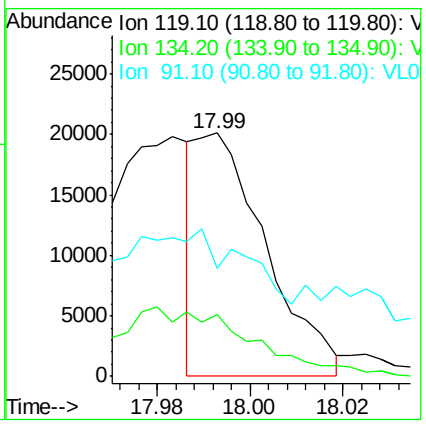


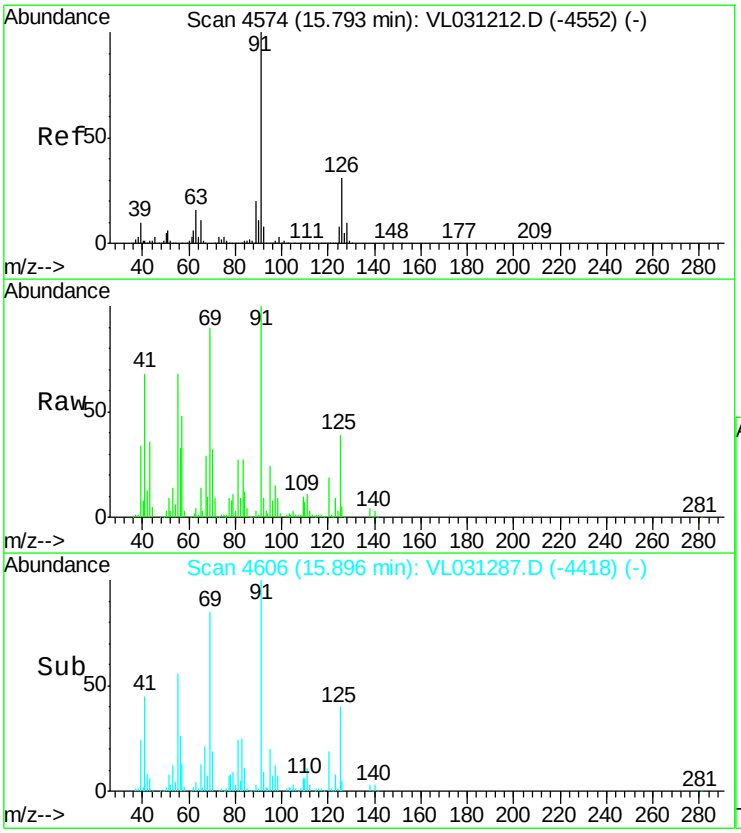
#69
p-Isopropyltoluene
Concen: 0.04 ppbv
RT: 17.99 min Scan# 5258
Delta R.T. 0.00 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-7

Tgt Ion:119 Resp: 20817

Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.7	31.1#
91	141.3	22.3	33.5#

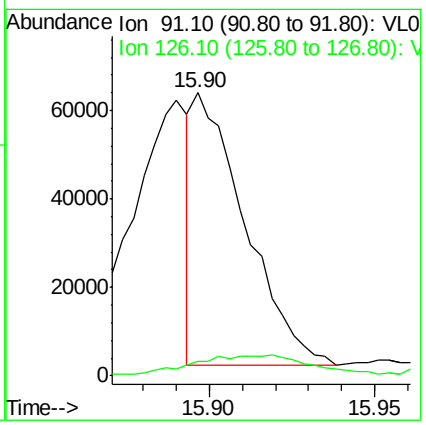


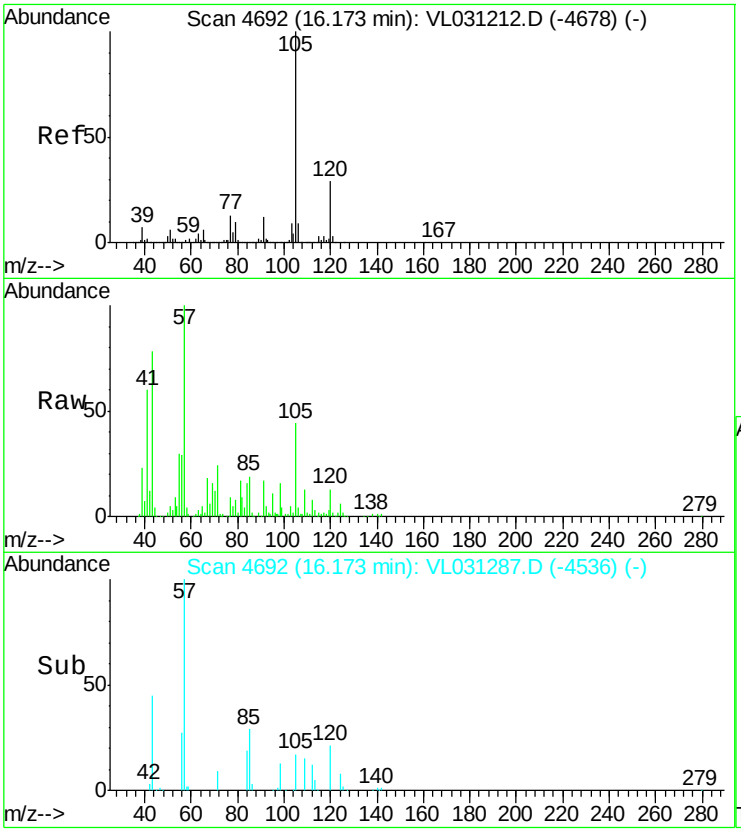


#71
2-Chlorotoluene
Concen: 0.15 ppbv
RT: 15.90 min Scan# 4606
Delta R.T. 0.10 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Tgt Ion: 91 Resp: 66481

Ion	Ratio	Lower	Upper
91	100		
126	19.4	12.6	50.6



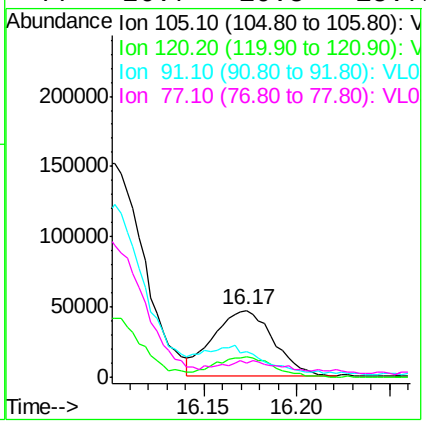


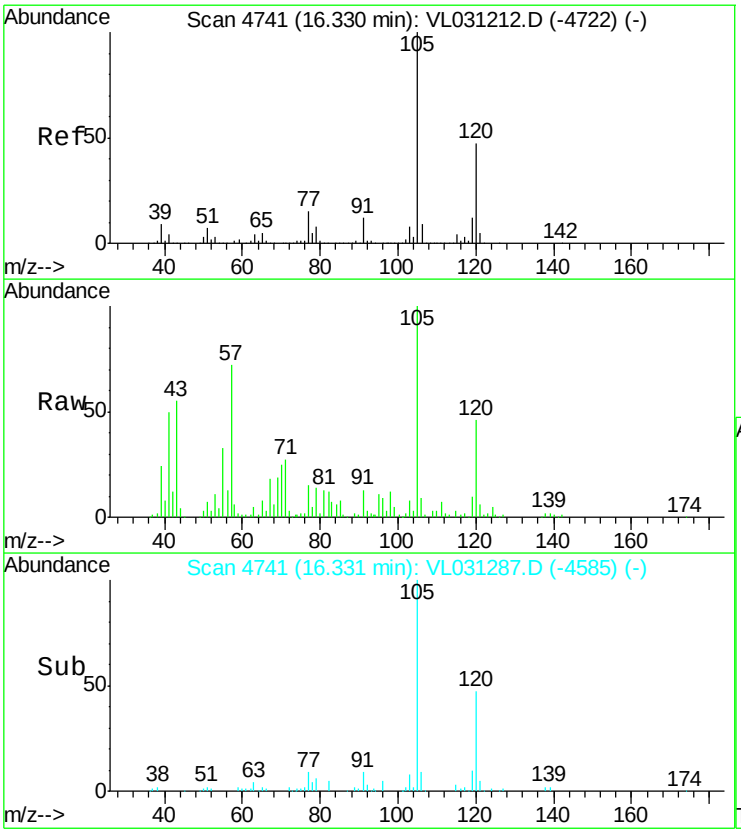
#72
4-Ethyltoluene
Concen: 0.22 ppbv
RT: 16.17 min Scan# 4692
Delta R.T. 0.00 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-7

Tgt Ion:105 Resp: 105169

Ion	Ratio	Lower	Upper
105	100		
120	32.4	24.2	36.2
91	39.7	9.8	14.8#
77	26.7	10.5	15.7#

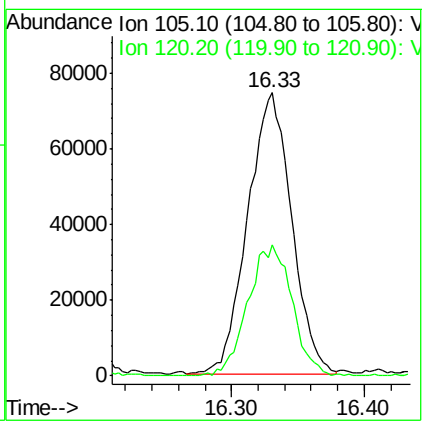


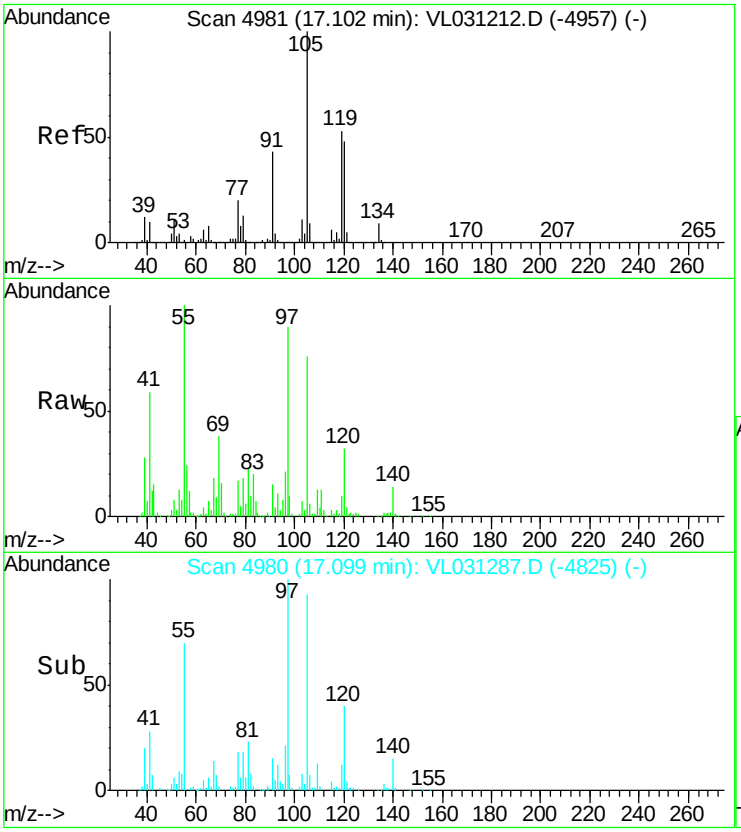


#73
1,3,5-Trimethylbenzene
Concen: 0.39 ppbv
RT: 16.33 min Scan# 4741
Delta R.T. 0.00 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Tgt Ion:105 Resp: 170903

Ion	Ratio	Lower	Upper
105	100		
120	46.7	37.8	56.6





#74
1,2,4-Trimethylbenzene
Concen: 0.26 ppbv
RT: 17.10 min Scan# 4980
Delta R.T. -0.00 min
Lab File: VL031287.D
Acq: 21 Dec 2017 2:37

Instrument :
MSVOA_L
ClientSampleId :
EP1-SV-7

Tgt Ion:105 Resp: 117451

Ion	Ratio	Lower	Upper
105	100		
120	42.1	38.6	58.0
91	1.2	34.2	51.4#
77	1.5	16.1	24.1#