Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120718\

Quantitation Report (Not Reviewed)

Data File : VL032937.D
Acq On : 7 Dec 2018 16:33
Operator : SY/AP
Sample : J6262-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA2

Quant Time: Dec 08 02:00:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Dec 07 09:35:17 2018
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.77	49	1229728	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.30	114	3256281	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.25	117	3098625	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.58	95	2472176	10.80	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 108.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	30244	0.184	ppbv		99
3) Chlorodifluoromethane	3.02	51	1457859	15.654	ppbv		98
4) Chloromethane	3.17	50	36505	0.673	ppbv		99
5) Vinyl Chloride	3.29	62	2761	0.050	ppbv	#	67
9) Propene	3.04	41	215142	5.842	ppbv		84
10) Heptane	8.25	43	80216	0.580	ppbv		91
11) Trichlorofluoromethane	4.01	101	50280	0.325	ppbv		96
12) 1,1,2-Trichlorotrifluoroet	4.56	101	7590	0.058	ppbv	#	60
13) Ethanol	3.68	45	8659400	682.954	ppbv		96
15) Acetone	3.90	43	5029194	47.647	ppbv		96
16) 1,3-Butadiene	3.35	39	47931	1.145	ppbv	#	65
17) tert-Butyl alcohol	4.38	59	78966	2.938	ppbv	#	98
19) Isopropyl Alcohol	4.06	45	13228476	199.566	ppbv	#	97
20) Methylene Chloride	4.42	84	98991	1.919	ppbv		91
21) Allyl Chloride	4.19	41	9176273	106.678	ppbv	#	50
22) trans-1,2-Dichloroethene	4.97	96	4466	0.070	ppbv	#	86
23) Vinyl Acetate	5.15	43	262562	1.469	ppbv	#	19
25) Ethyl Acetate	5.76	43	8735545	35.035	ppbv	#	87
26) Hexane	5.79	57	265800	2.309	ppbv	#	1
27) Carbon Disulfide	4.63	76	18994	0.132	ppbv	#	70
28) Methyl tert-Butyl Ether	5.12	73	11033	0.064	ppbv	#	72
29) Chloroform	5.86	83	246945	1.202	ppbv		91
30) Cyclohexane	7.26	84	18523	0.194	ppbv	#	26
31) cis-1,2-Dichloroethene	5.65	61	78252	0.741	ppbv		95
34) 2-Butanone	5.34	43	267239	1.884	ppbv		98
35) Carbon Tetrachloride	7.15	117	8479	0.033	ppbv		91
36) Benzene	7.01	78	572139	2.389	ppbv		99
38) Trichloroethene	7.97	130	152597	1.531	ppbv		94
39) 1,2-Dichloropropane	7.30	63	793674	8.738	ppbv	#	21
41) Tetrahydrofuran	6.16	42	52772	0.598	ppbv	#	92
42) Bromodichloromethane	7.93	83	16239	0.072	ppbv	#	93
43) Methyl Methacrylate	8.15	69	22787	0.257	ppbv	#	72
44) 2,2,4-Trimethylpentane	7.99	57	250318	0.616	ppbv	#	85
50) 4-Methyl-2-Pentanone	8.88	43	8045	0.035	ppbv	#	39
51) 2-Hexanone	10.29	43	4644	0.030	ppbv	#	30
52) Tetrachloroethene	11.38	164	602632	6.917	ppbv		99
53) Toluene	9.95	91	1087790	4.282	ppbv		99
58) Ethyl Benzene	12.88	91	66331	0.201	ppbv		94
59) m/p-Xylene	13.16	91	46718	0.156	ppbv	#	100
60) o-Xylene	13.86	91	120600	0.398	ppbv		99
61) Styrene	13.70	104	61985	0.308	ppbv		96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120718\

Quantitation Report (Not Reviewed)

Data File : VL032937.D
Acq On : 7 Dec 2018 16:33
Operator : SY/AP
Sample : J6262-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA2

Quant Time: Dec 08 02:00:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Dec 07 09:35:17 2018
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
64) n-propylbenzene	15.73	120	7447	0.068	ppbv	#	1
66) Benzyl Chloride	16.93	91	23029	0.106	ppbv	#	67
69) p-Isopropyltoluene	17.82	119	275848	0.590	ppbv		96
71) 2-Chlorotoluene	15.94	91	17984	0.057	ppbv		91
72) 4-Ethyltoluene	16.00	105	59524	0.176	ppbv	#	93
73) 1,3,5-Trimethylbenzene	16.16	105	72220	0.219	ppbv		87
74) 1,2,4-Trimethylbenzene	16.93	105	217960	0.585	ppbv	#	66
76) 1,4-Dichlorobenzene	17.31	146	24644	0.120	ppbv	#	51
79) Naphthalene	22.42	128	12390	0.052	ppbv	#	91
80) Naphthalene,2-methyl-	25.12	142	1874	0.036	ppbv	#	84

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

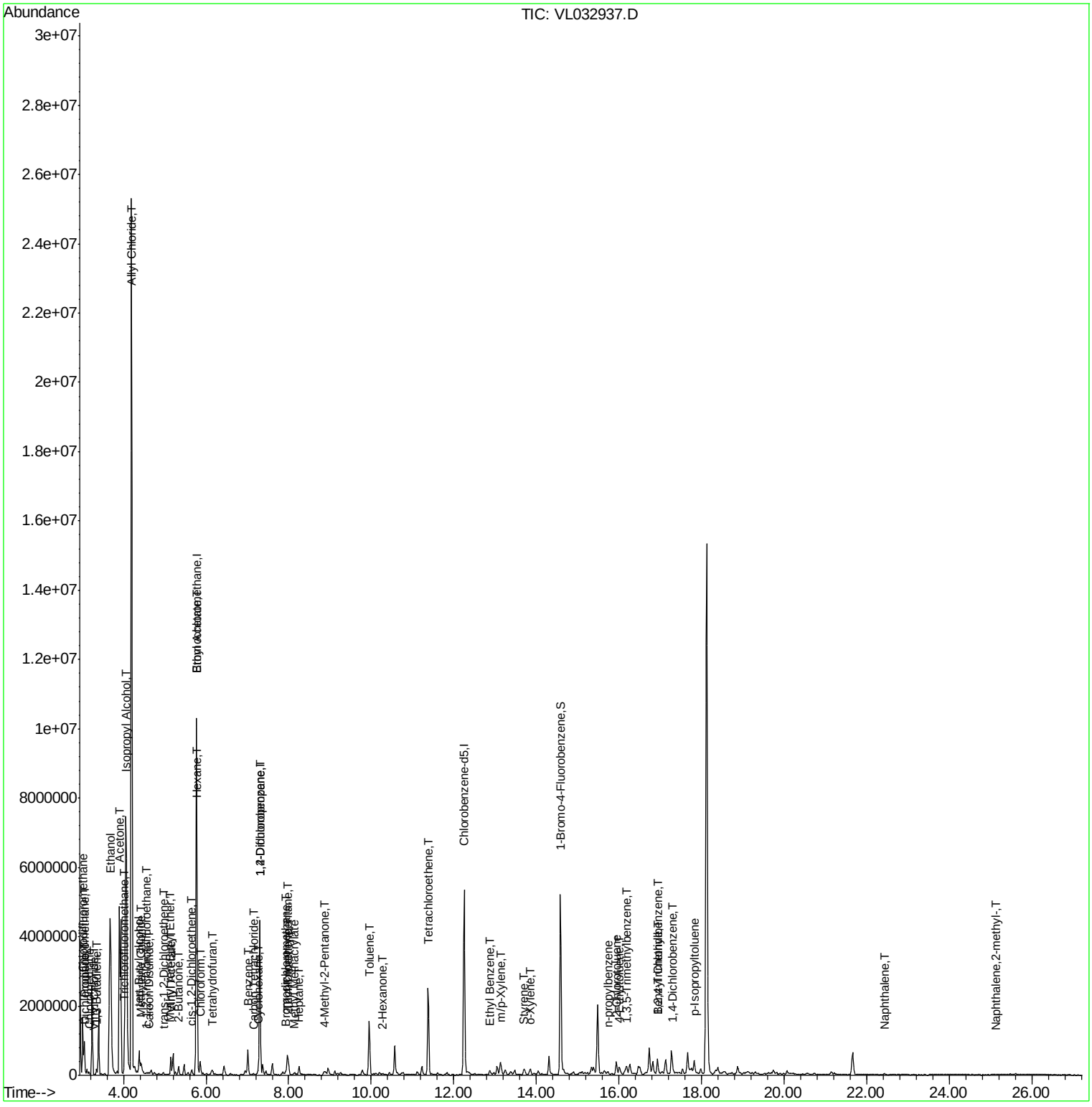
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120718\

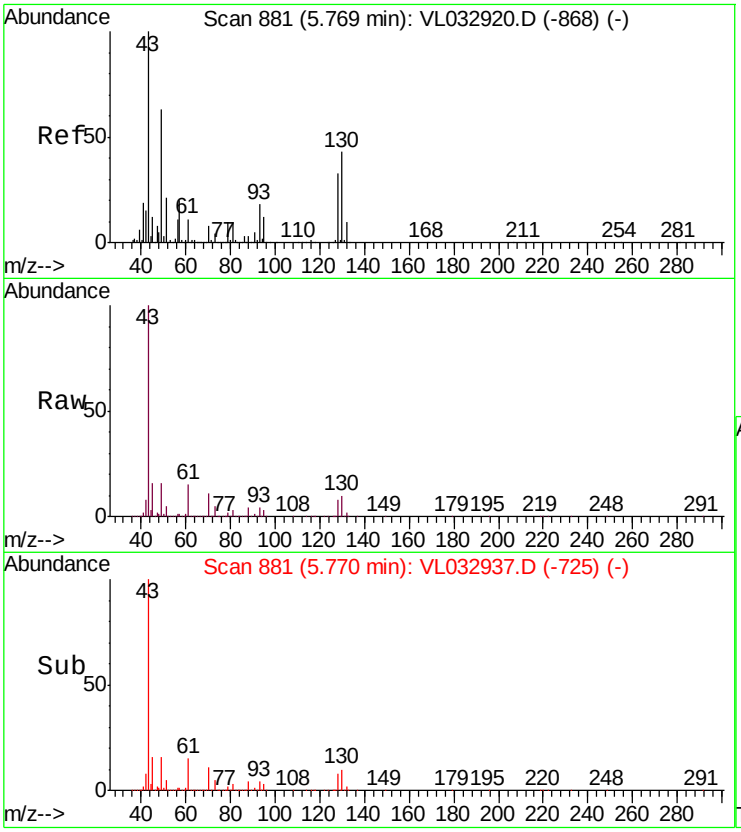
Quantitation Report (Not Reviewed)

Data File : VL032937.D
Acq On : 7 Dec 2018 16:33
Operator : SY/AP
Sample : J6262-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA2

Quant Time: Dec 08 02:00:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Dec 07 09:35:17 2018
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration



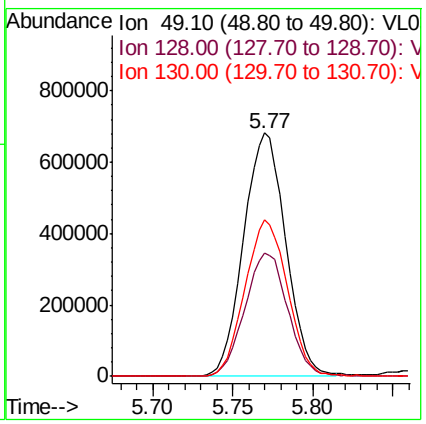


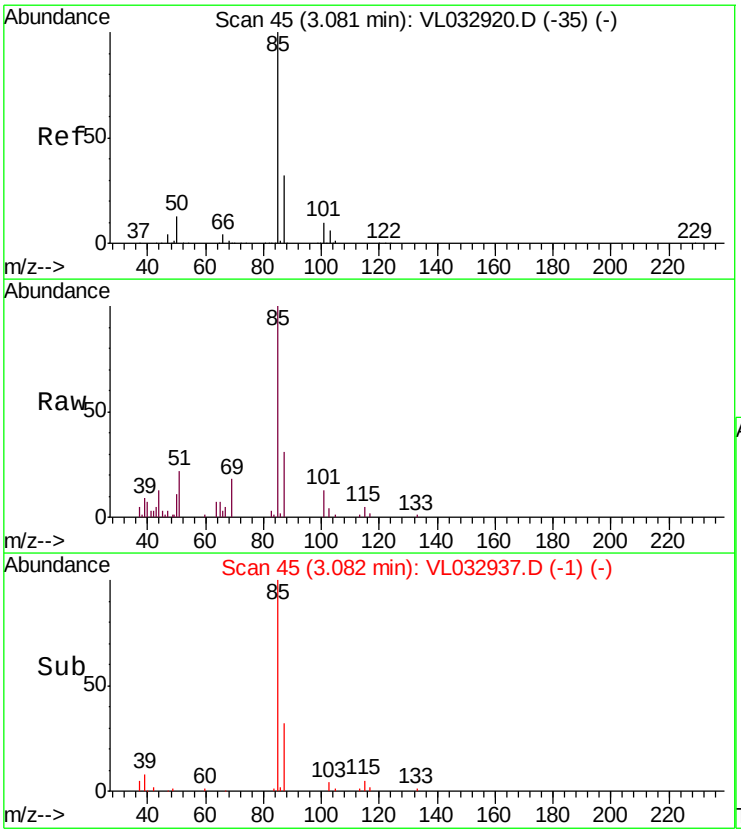
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 881
Delta R.T. 0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Instrument :
MSVOA_L
ClientSampleId :
IA2

Tgt Ion: 49 Resp: 1229728

Ion	Ratio	Lower	Upper
49	100		
128	51.4	26.3	78.8
130	65.2	33.9	101.7

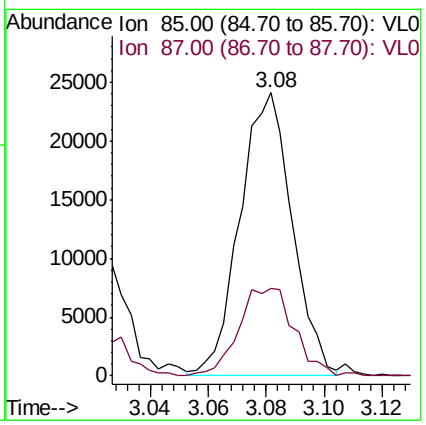


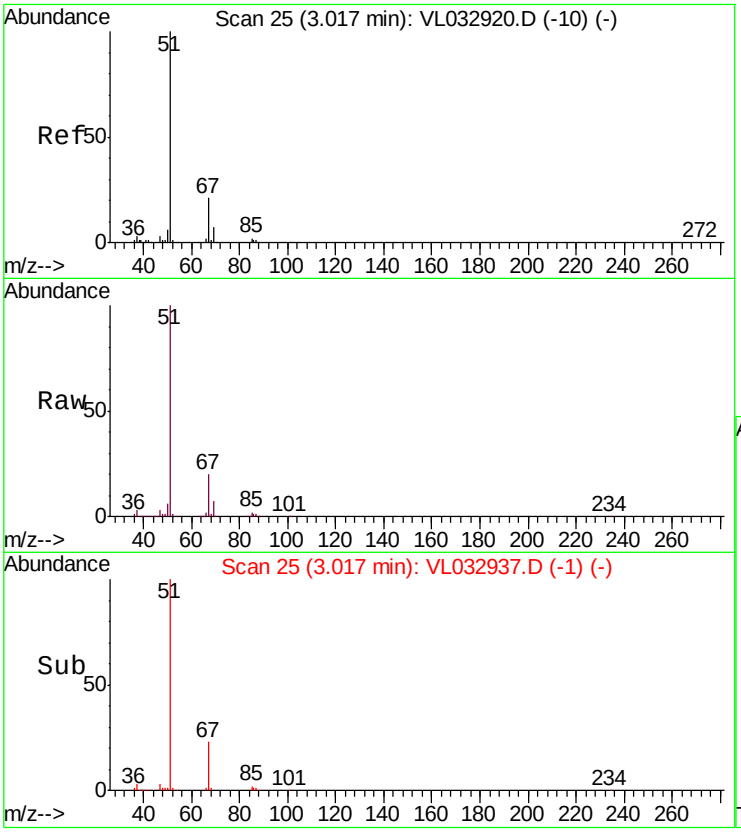


#2
Dichlorodifluoromethane
Concen: 0.184 ppbv
RT: 3.08 min Scan# 45
Delta R.T. 0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Tgt Ion: 85 Resp: 30244

Ion	Ratio	Lower	Upper
85	100		
87	31.5	25.7	38.5



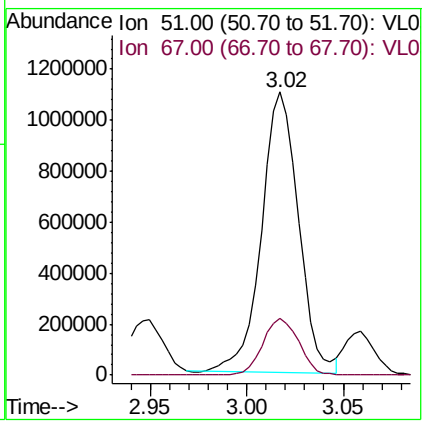


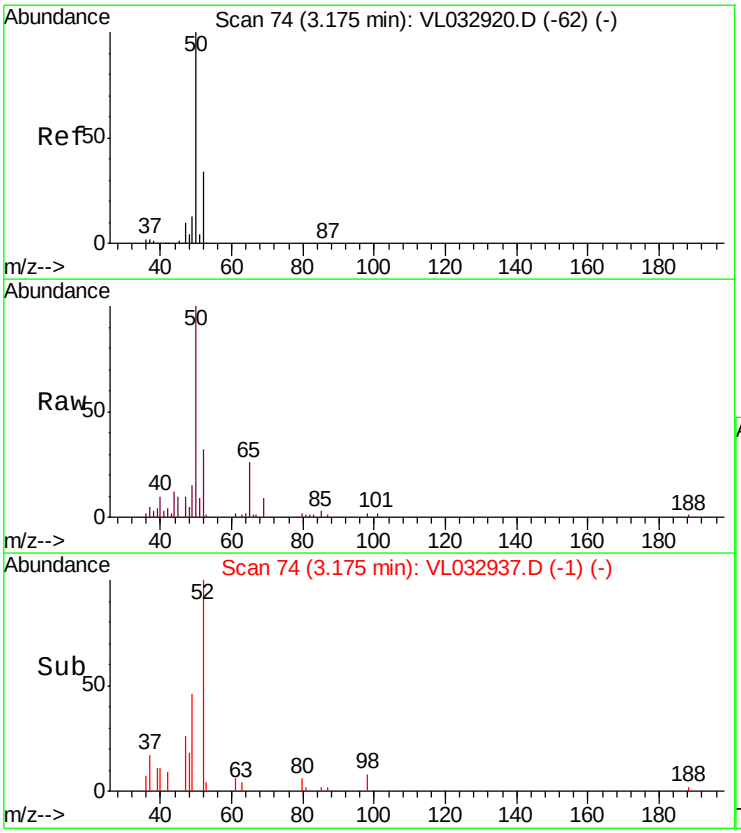
#3
Chlorodifluoromethane
Concen: 15.654 ppbv
RT: 3.02 min Scan# 25
Delta R.T. 0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Instrument :
MSVOA_L
ClientSampleId :
IA2

Tgt Ion: 51 Resp: 1457859

Ion	Ratio	Lower	Upper
51	100		
67	19.9	16.8	25.2

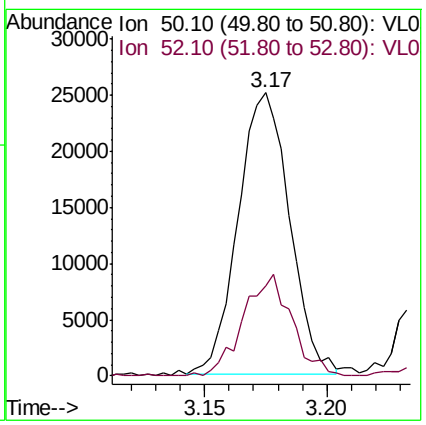


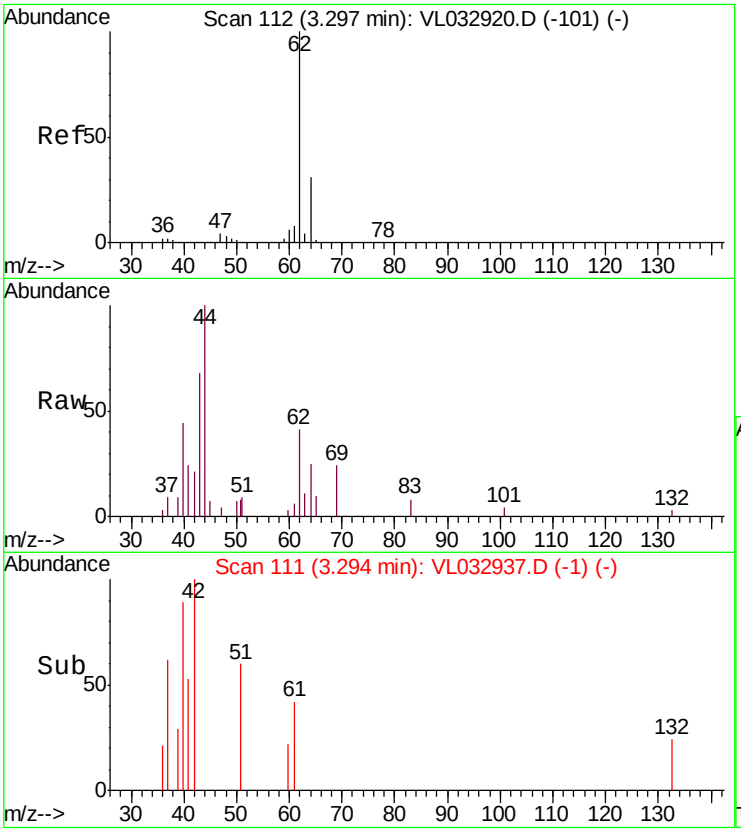


#4
Chloromethane
Concen: 0.673 ppbv
RT: 3.17 min Scan# 74
Delta R.T. 0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Tgt Ion: 50 Resp: 36505

Ion	Ratio	Lower	Upper
50	100		
52	33.3	27.3	40.9



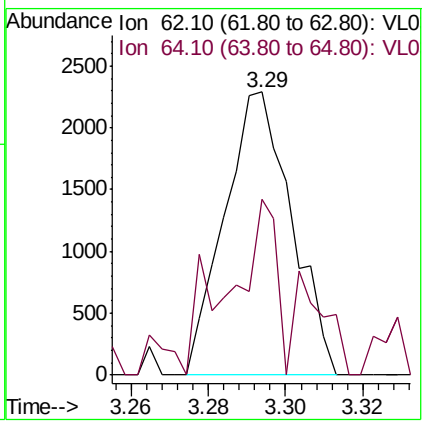


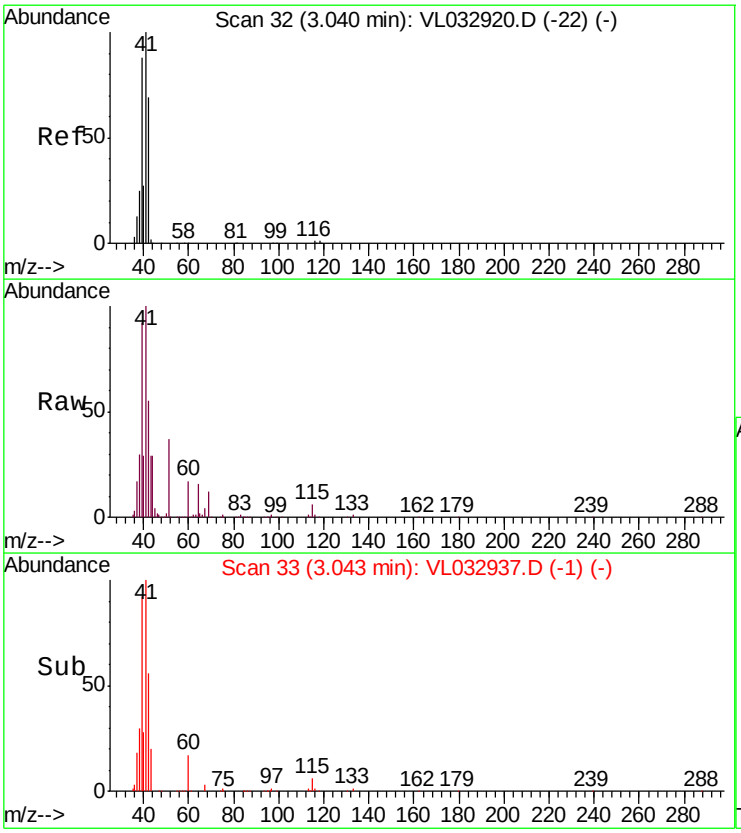
#5
Vinyl Chloride
Concen: 0.050 ppbv
RT: 3.29 min Scan# 111
Delta R.T. -0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Instrument :
MSVOA_L
ClientSampleId :
IA2

Tgt Ion: 62 Resp: 2761

Ion	Ratio	Lower	Upper
62	100		
64	49.2	24.8	37.2#

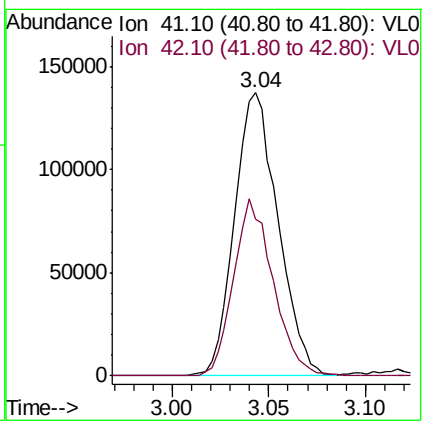


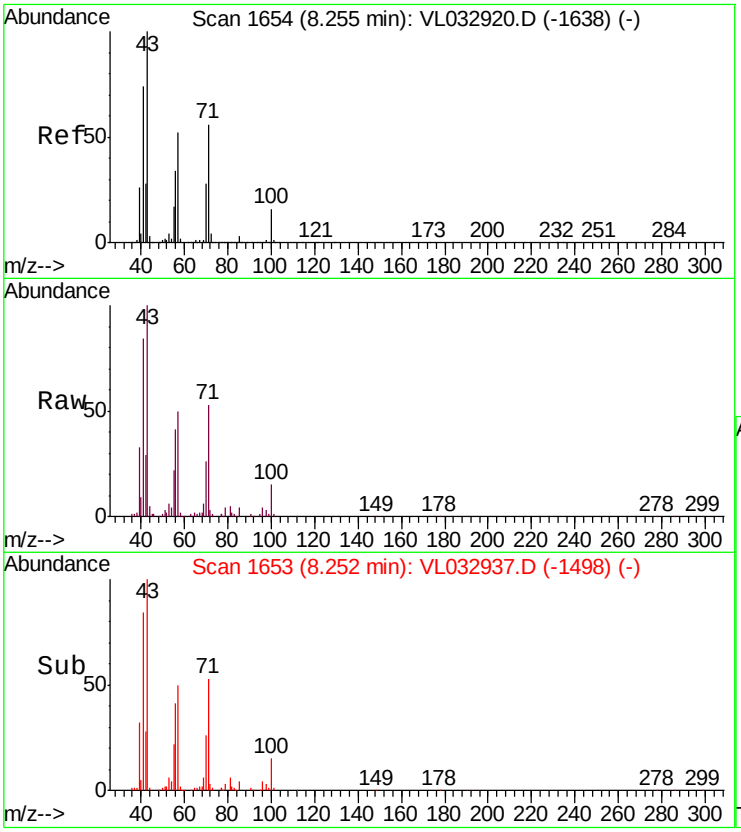


#9
Propene
Concen: 5.842 ppbv
RT: 3.04 min Scan# 33
Delta R.T. 0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Tgt Ion: 41 Resp: 215142

Ion	Ratio	Lower	Upper
41	100		
42	57.1	56.2	84.2



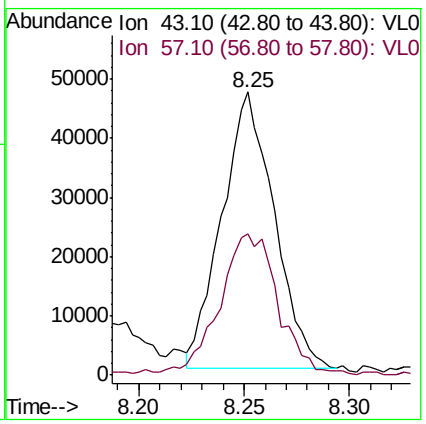


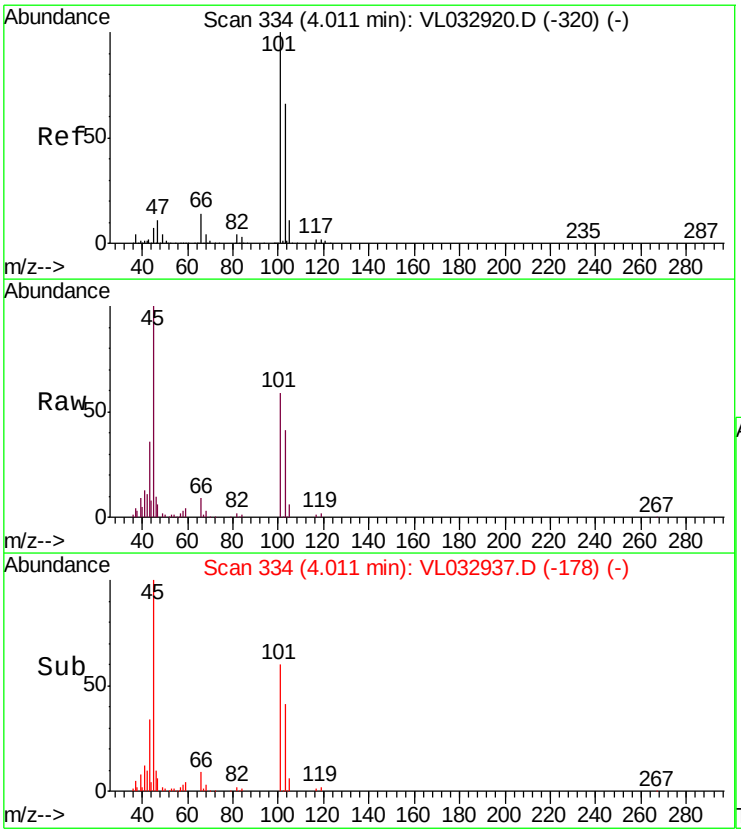
#10
Heptane
Concen: 0.580 ppbv
RT: 8.25 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Instrument : MSVOA_L
ClientSampleId : IA2

Tgt Ion: 43 Resp: 80216

Ion	Ratio	Lower	Upper
43	100		
57	58.4	41.8	62.6

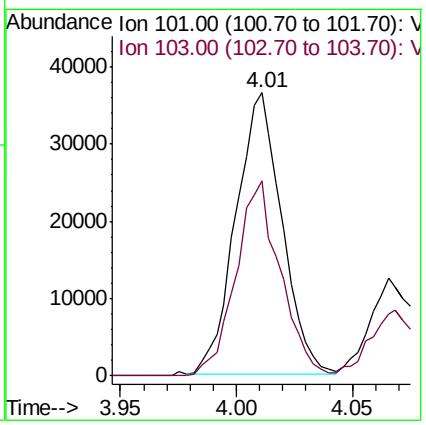


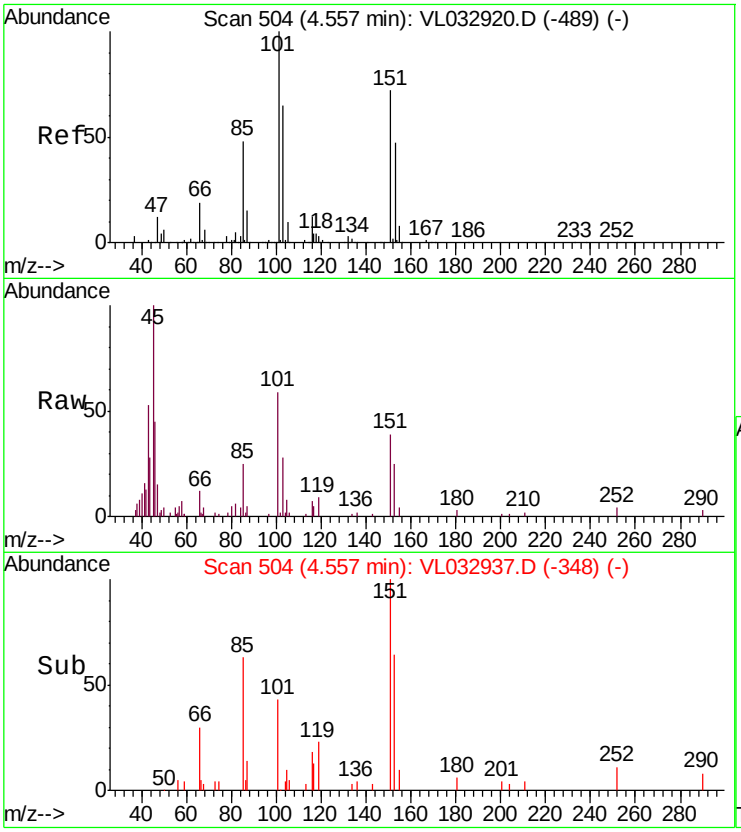


#11
Trichlorofluoromethane
Concen: 0.325 ppbv
RT: 4.01 min Scan# 334
Delta R.T. 0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Tgt Ion:101 Resp: 50280

Ion	Ratio	Lower	Upper
101	100		
103	69.4	52.7	79.1



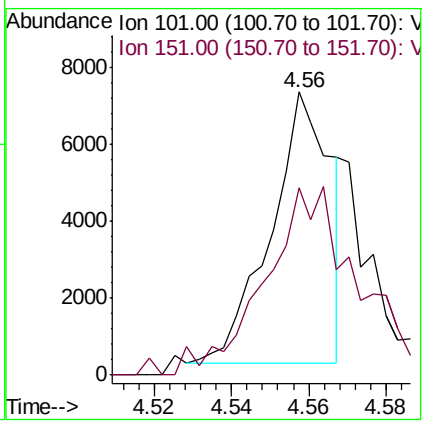


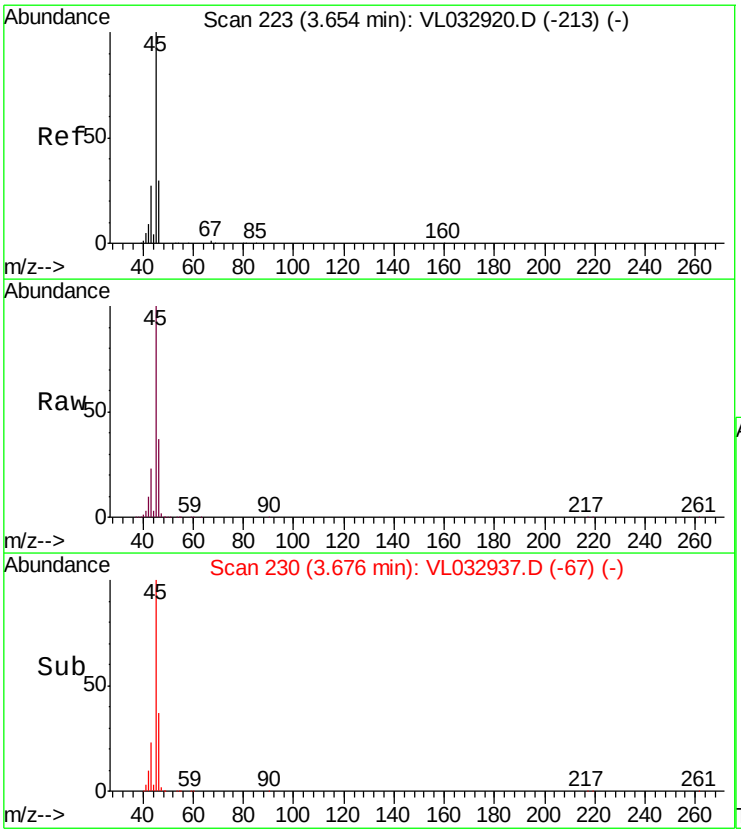
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.058 ppbv
RT: 4.56 min Scan# 504
Delta R.T. 0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Instrument :
MSVOA_L
ClientSampleId :
IA2

Tgt Ion:101 Resp: 7590

Ion	Ratio	Lower	Upper
101	100		
151	108.0	59.3	88.9#

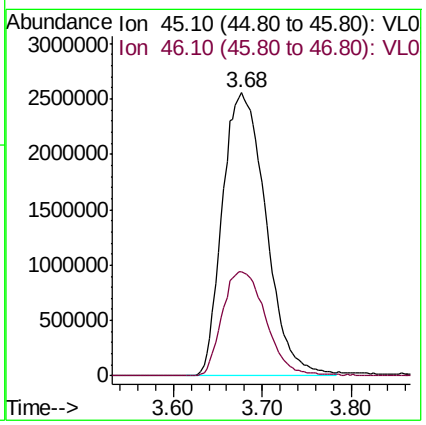


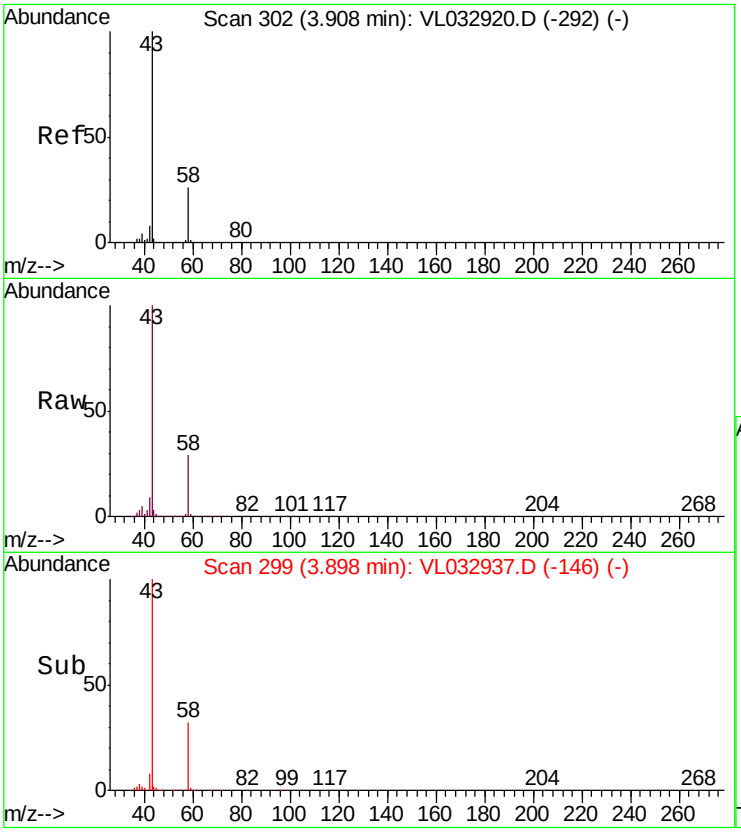


#13
Ethanol
Concen: 682.954 ppbv
RT: 3.68 min Scan# 230
Delta R.T. 0.02 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Tgt Ion: 45 Resp: 8659400

Ion	Ratio	Lower	Upper
45	100		
46	37.1	13.8	55.4



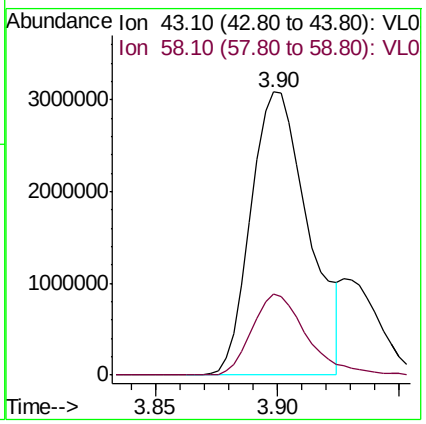


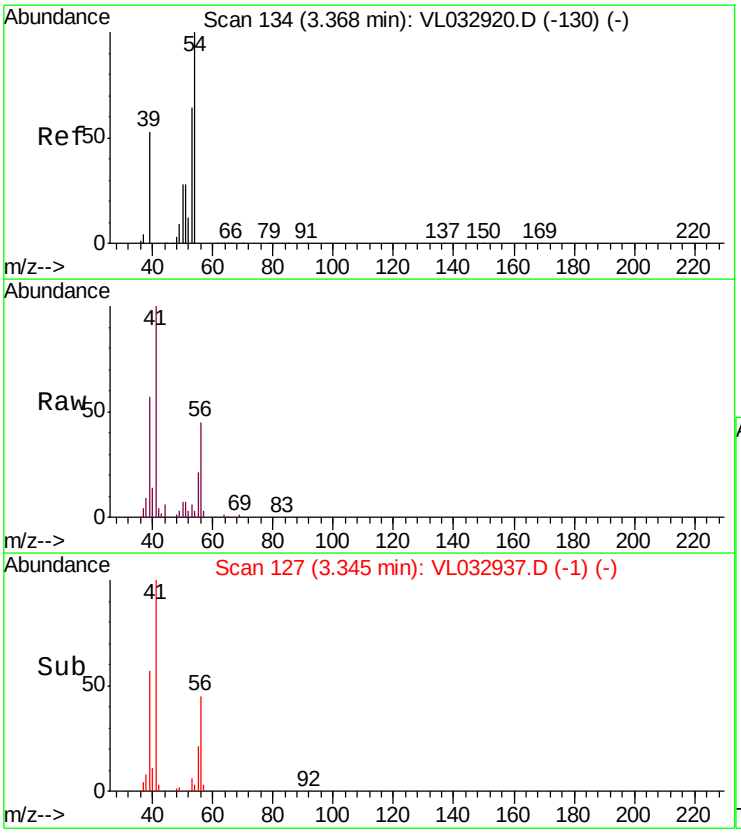
#15
Acetone
Concen: 47.647 ppbv
RT: 3.90 min Scan# 299
Delta R.T. -0.01 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Instrument :
MSVOA_L
ClientSampleId :
IA2

Tgt Ion: 43 Resp: 5029194

Ion	Ratio	Lower	Upper
43	100		
58	27.8	20.6	30.8

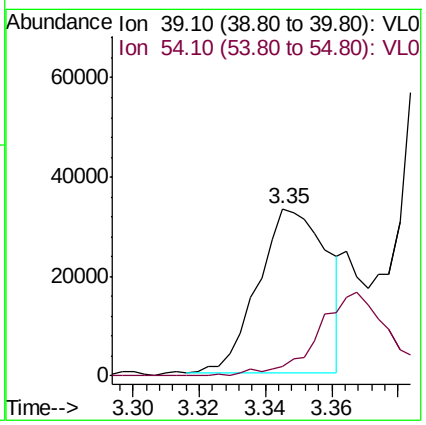


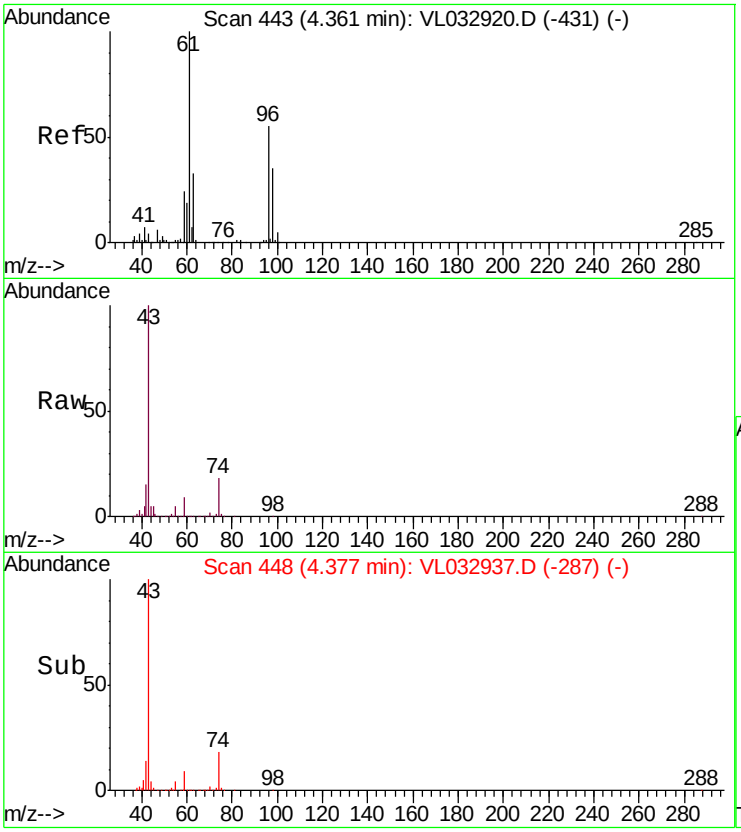


#16
1,3-Butadiene
Concen: 1.145 ppbv
RT: 3.35 min Scan# 127
Delta R.T. -0.02 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Tgt Ion: 39 Resp: 47931

Ion	Ratio	Lower	Upper
39	100		
54	57.7	72.7	109.1#



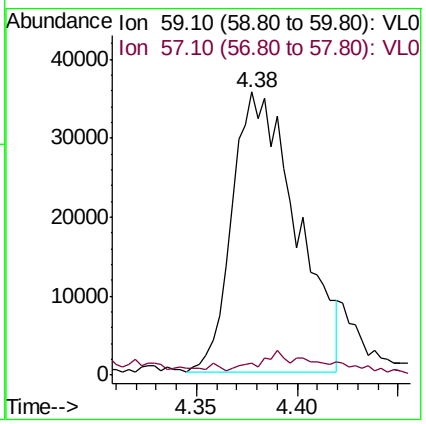


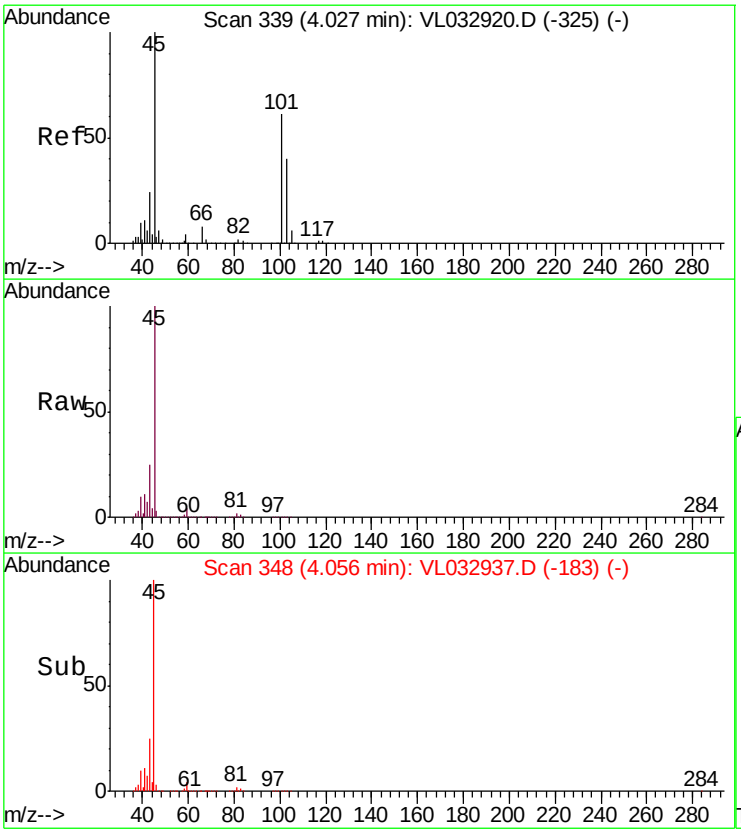
#17
tert-Butyl alcohol
Concen: 2.938 ppbv
RT: 4.38 min Scan# 448
Delta R.T. 0.02 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Instrument :
MSVOA_L
ClientSampleId :
IA2

Tgt Ion: 59 Resp: 78966

Ion	Ratio	Lower	Upper
59	100		
57	0.0	0.6	1.0#

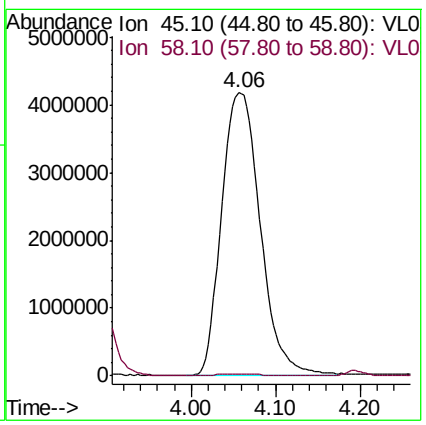


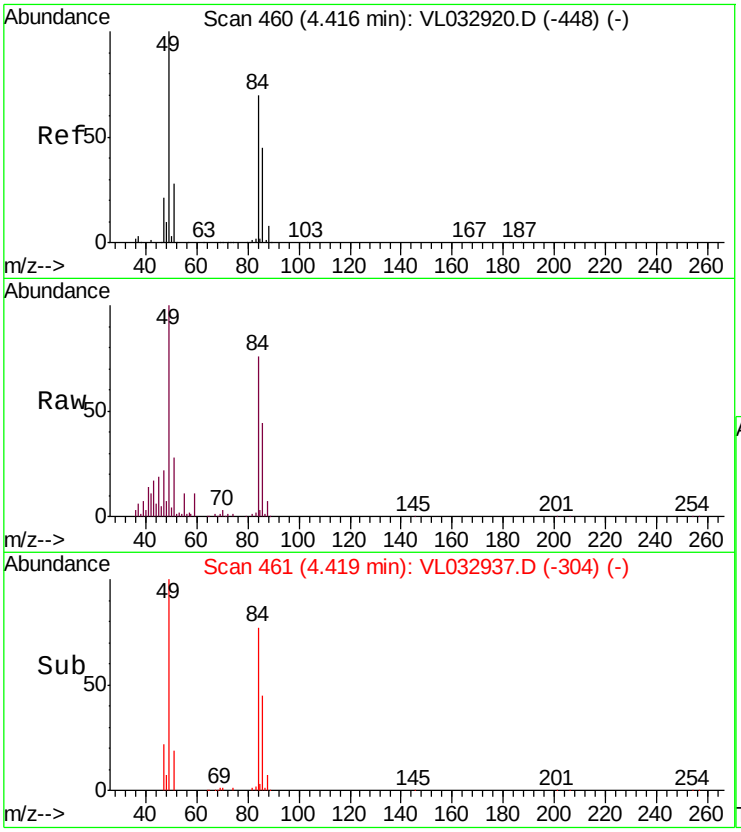


#19
Isopropyl Alcohol
Concen: 199.566 ppbv
RT: 4.06 min Scan# 348
Delta R.T. 0.03 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Tgt Ion: 45 Resp:13228476

Ion	Ratio	Lower	Upper
45	100		
58	0.9	1.4	2.2#



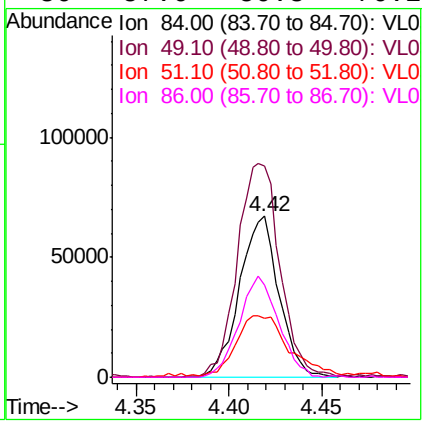


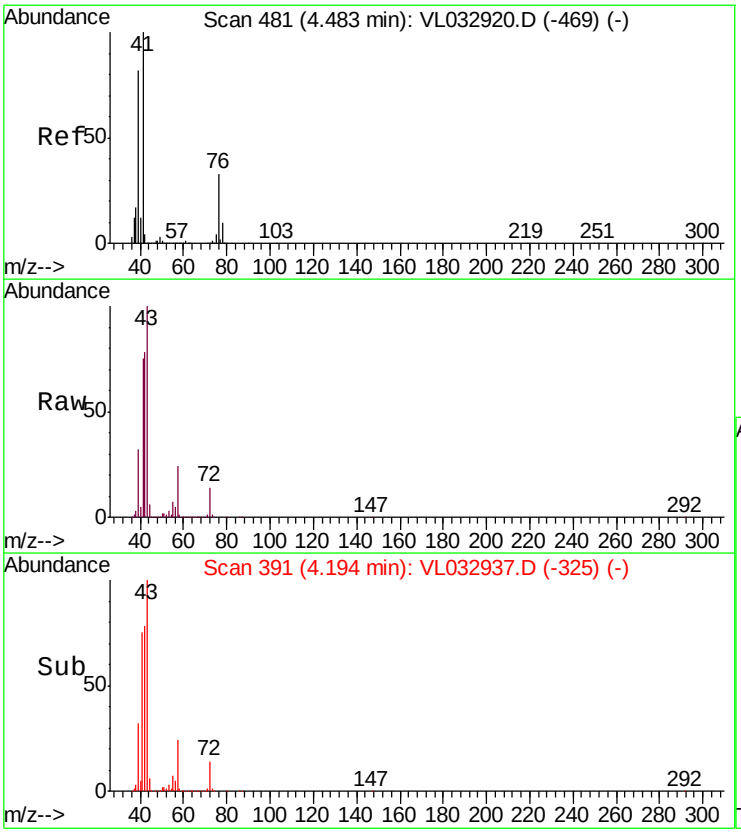
#20
Methylene Chloride
Concen: 1.919 ppbv
RT: 4.42 min Scan# 461
Delta R.T. 0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Instrument : MSVOA_L
ClientSampleId : IA2

Tgt Ion: 84 Resp: 98991

Ion	Ratio	Lower	Upper
84	100		
49	130.1	113.8	170.8
51	35.3	31.8	47.8
86	57.6	50.8	76.2

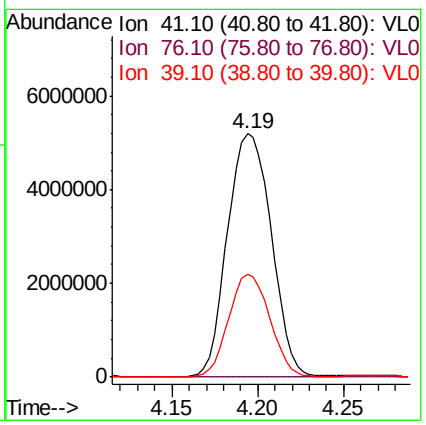


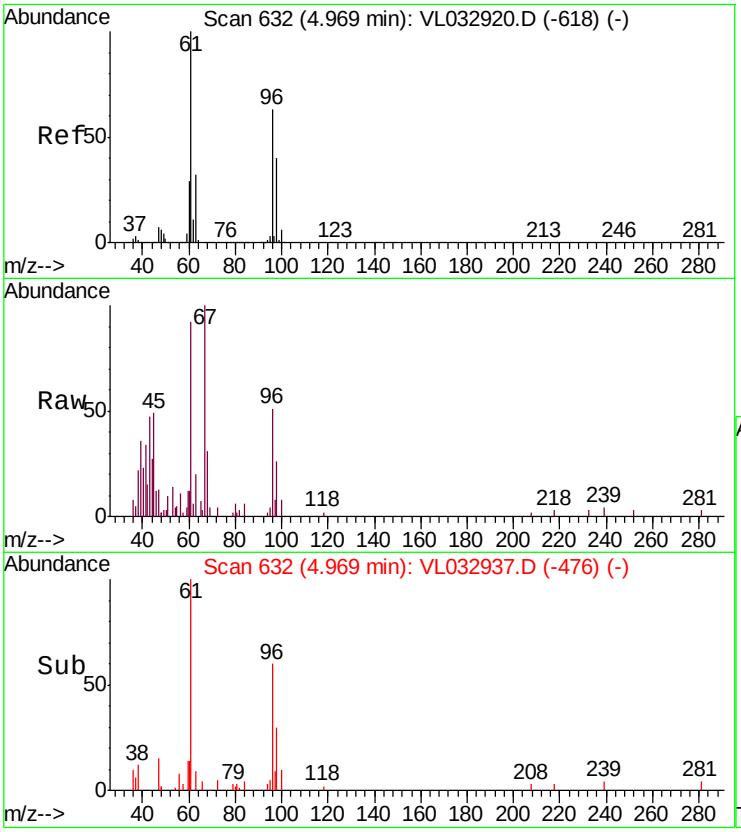


#21
Allyl Chloride
Concen: 106.678 ppbv
RT: 4.19 min Scan# 391
Delta R.T. -0.29 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Tgt Ion: 41 Resp: 9176273

Ion	Ratio	Lower	Upper
41	100		
76	0.0	25.2	37.8#
39	39.9	65.2	97.8#



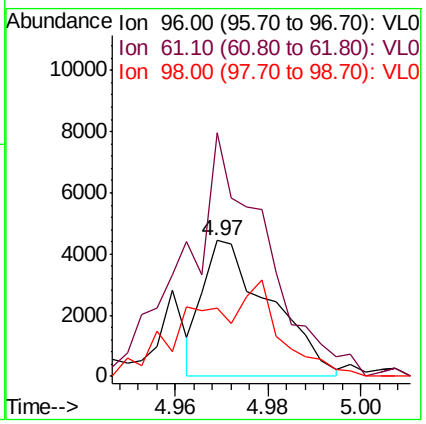


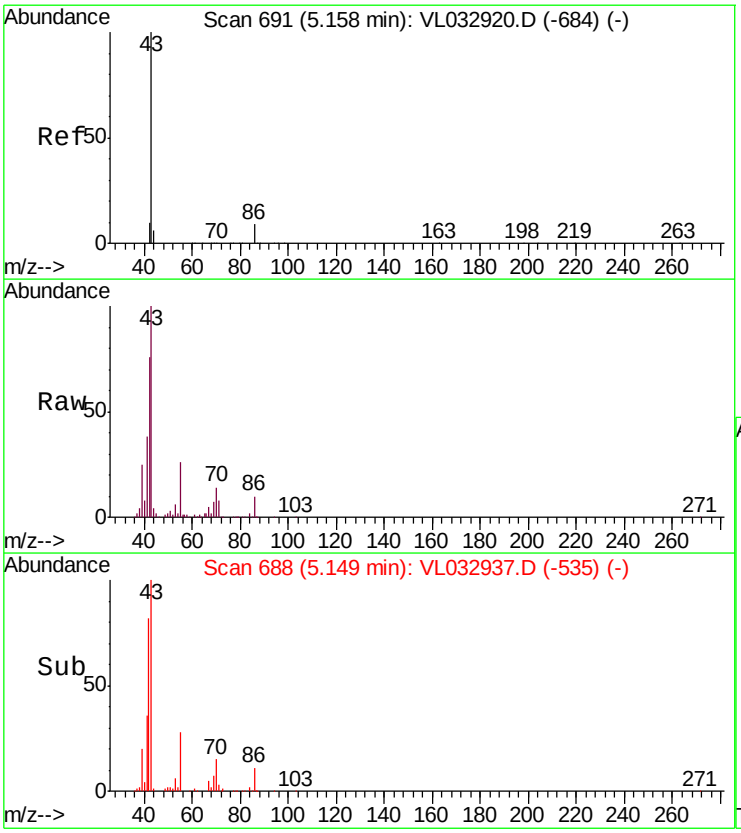
#22
trans-1,2-Dichloroethene
Concen: 0.070 ppbv
RT: 4.97 min Scan# 632
Delta R.T. 0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Instrument :
MSVOA_L
ClientSampleId :
IA2

Tgt Ion: 96 Resp: 4466

Ion	Ratio	Lower	Upper
96	100		
61	173.4	127.1	190.7
98	46.9	51.3	76.9#

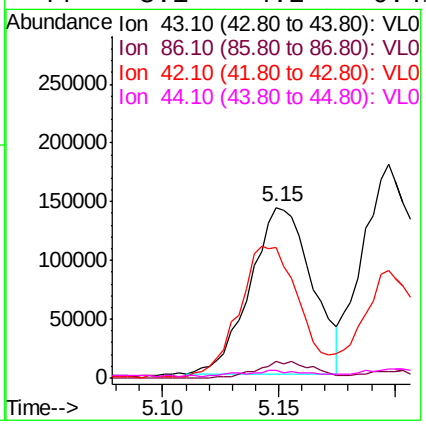


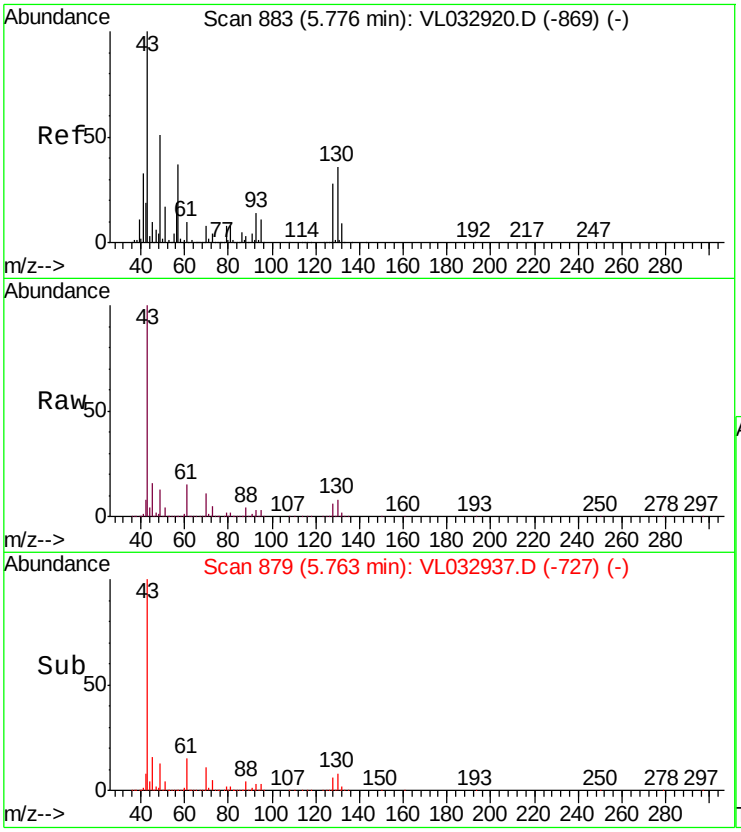


#23
Vinyl Acetate
Concen: 1.469 ppbv
RT: 5.15 min Scan# 688
Delta R.T. -0.01 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Tgt Ion: 43 Resp: 262562

Ion	Ratio	Lower	Upper
43	100		
86	10.5	6.6	9.8#
42	77.0	8.3	12.5#
44	3.1	4.2	6.4#



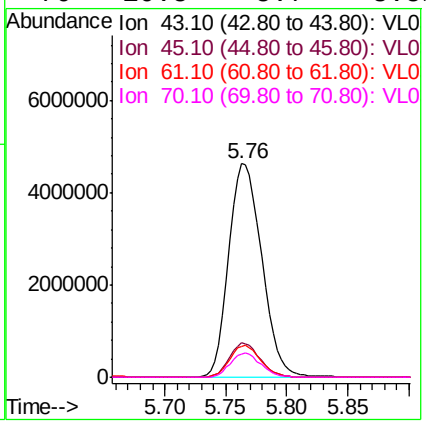


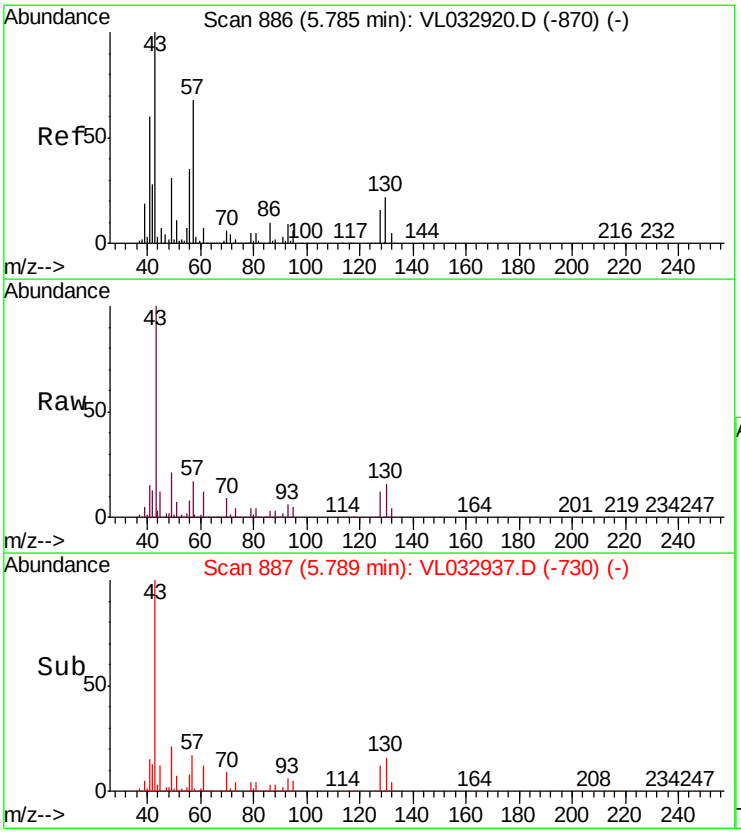
#25
Ethyl Acetate
Concen: 35.035 ppbv
RT: 5.76 min Scan# 879
Delta R.T. -0.01 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Instrument : MSVOA_L
ClientSampleId : IA2

Tgt Ion: 43 Resp: 8735545

Ion	Ratio	Lower	Upper
43	100		
45	14.9	7.8	11.6#
61	13.9	7.4	11.2#
70	10.5	5.7	8.5#

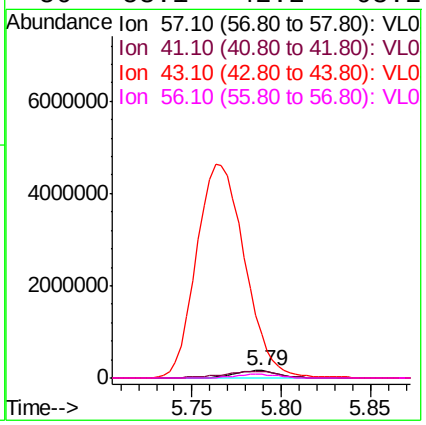


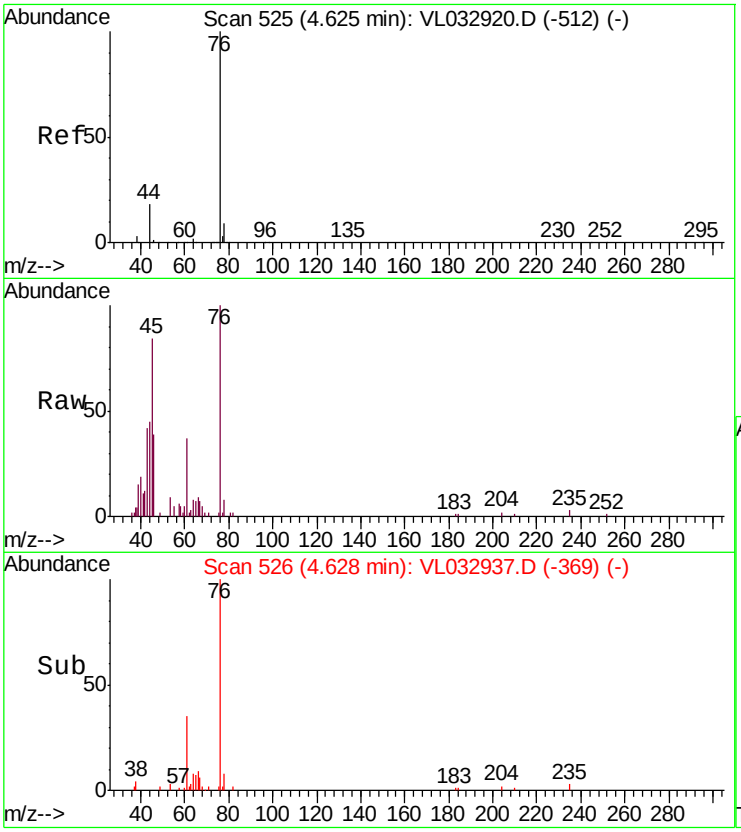


#26
Hexane
Concen: 2.309 ppbv
RT: 5.79 min Scan# 887
Delta R.T. 0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Tgt Ion: 57 Resp: 265800

Ion	Ratio	Lower	Upper
57	100		
41	120.1	72.2	108.2#
43	3296.4	171.9	257.9#
56	53.1	42.2	63.2



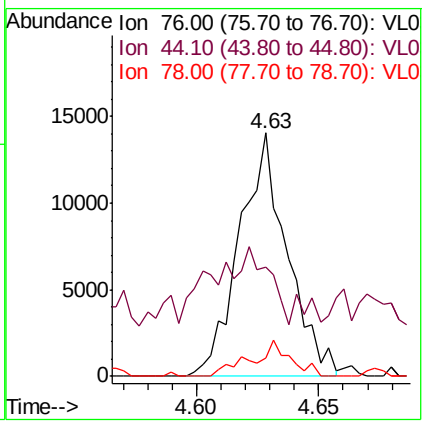


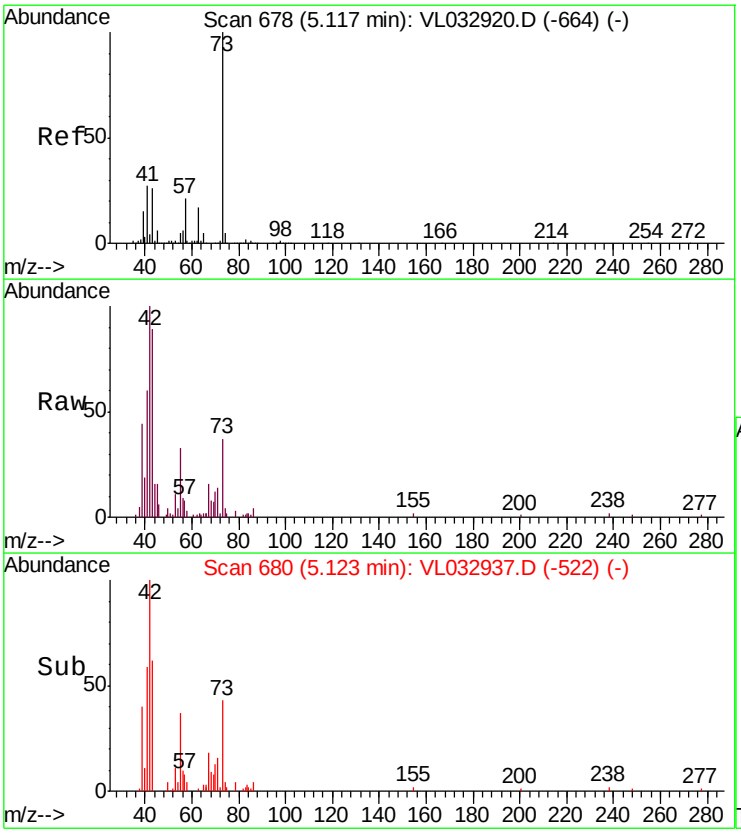
#27
Carbon Disulfide
Concen: 0.132 ppbv
RT: 4.63 min Scan# 526
Delta R.T. 0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Instrument : MSVOA_L
ClientSampleId : IA2

Tgt Ion: 76 Resp: 18994

Ion	Ratio	Lower	Upper
76	100		
44	0.0	14.7	22.1#
78	12.1	7.4	11.2#

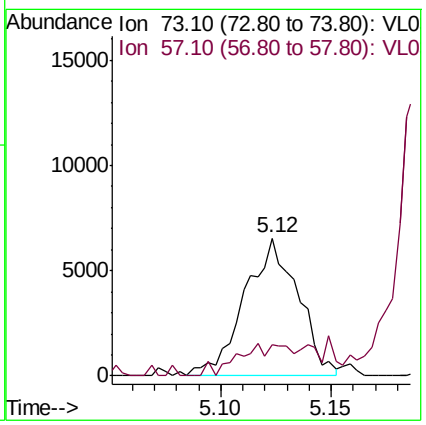


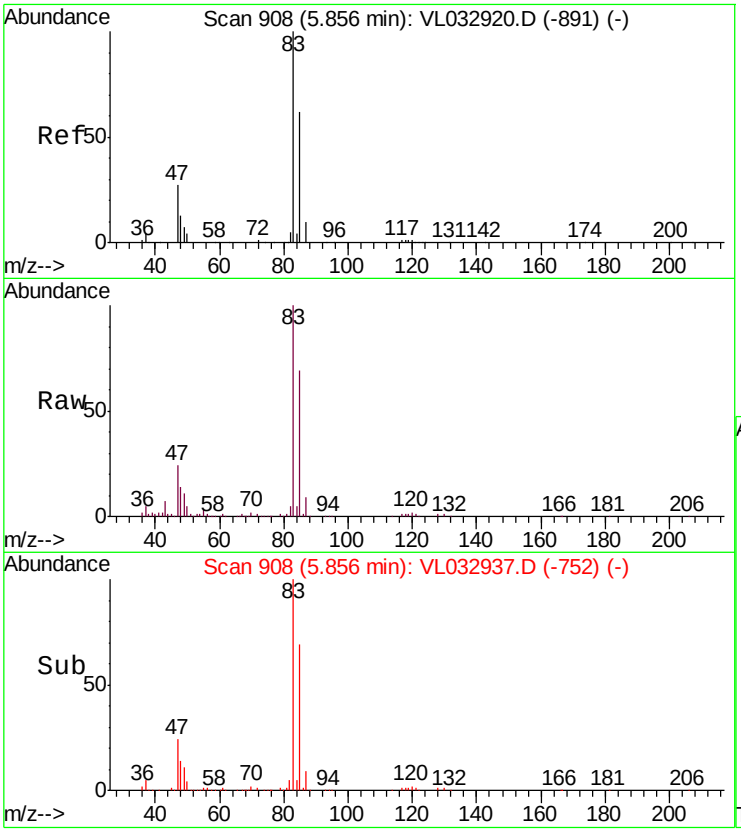


#28
Methyl tert-Butyl Ether
Concen: 0.064 ppbv
RT: 5.12 min Scan# 680
Delta R.T. 0.01 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Tgt Ion: 73 Resp: 11033

Ion	Ratio	Lower	Upper
73	100		
57	34.9	17.4	26.0#



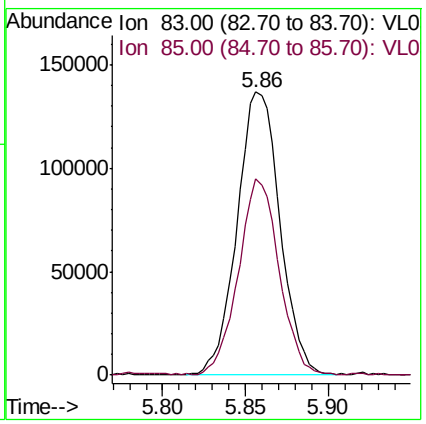


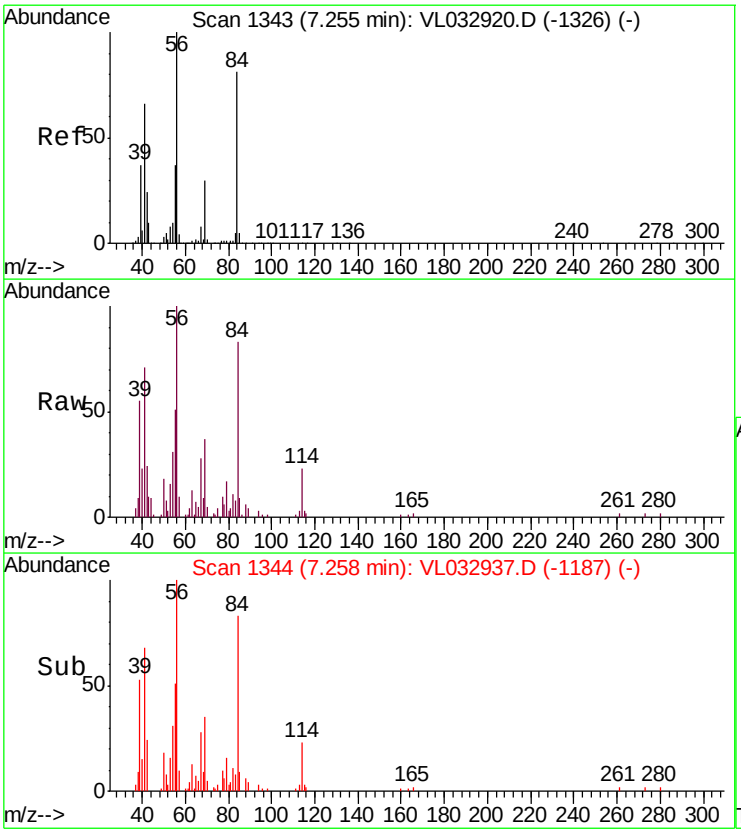
#29
Chloroform
Concen: 1.202 ppbv
RT: 5.86 min Scan# 908
Delta R.T. 0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Instrument :
MSVOA_L
ClientSampleId :
IA2

Tgt Ion: 83 Resp: 246945

Ion	Ratio	Lower	Upper
83	100		
85	69.0	49.8	74.8

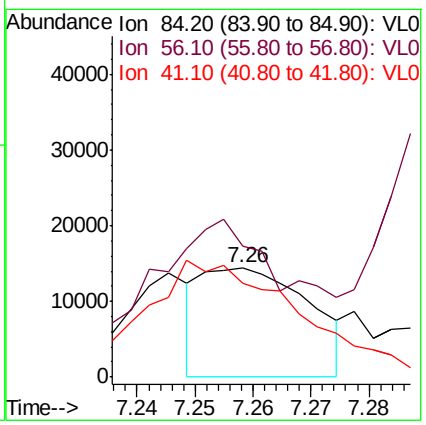


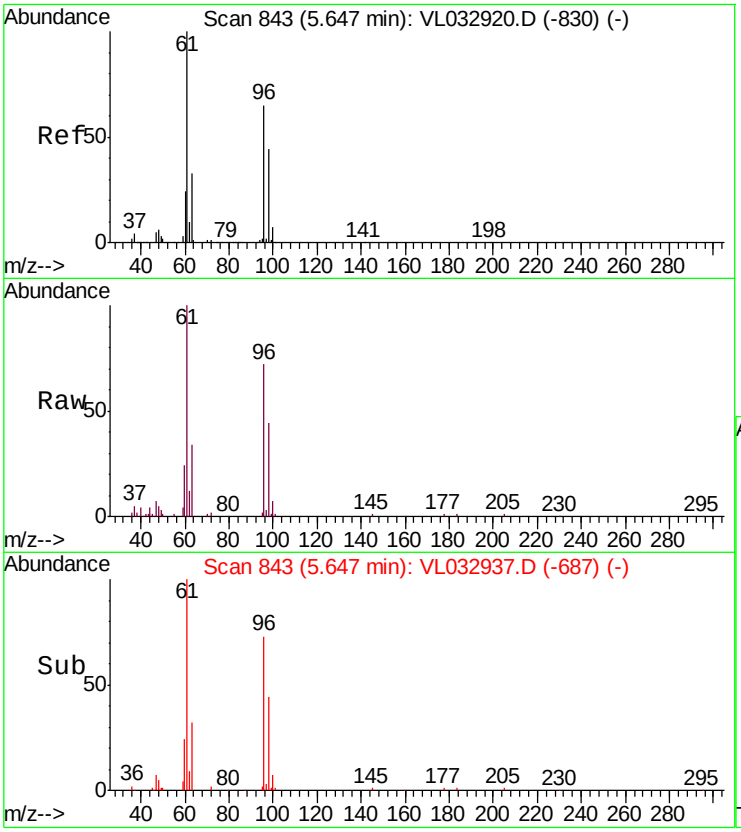


#30
Cyclohexane
Concen: 0.194 ppbv
RT: 7.26 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Tgt Ion: 84 Resp: 18523

Ion	Ratio	Lower	Upper
84	100		
56	200.7	102.5	153.7#
41	0.0	64.1	96.1#



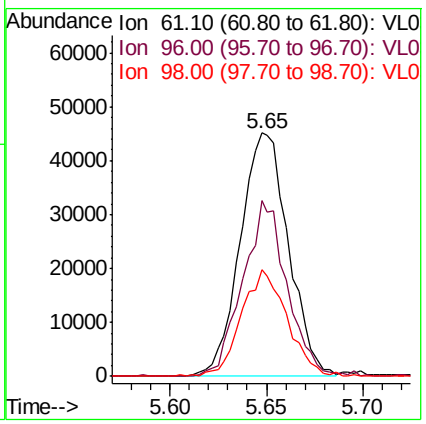


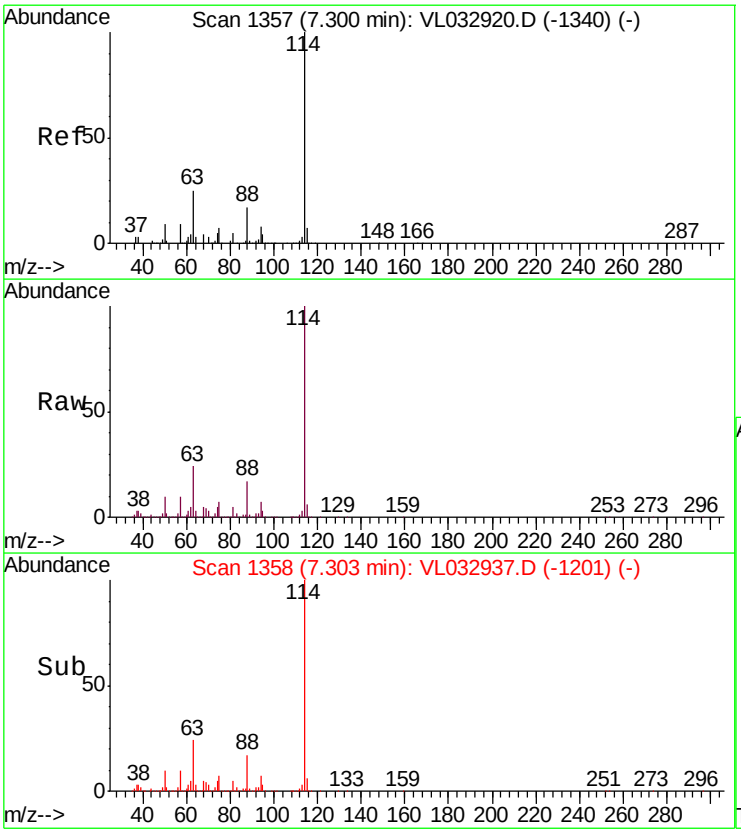
#31
cis-1,2-Dichloroethene
Concen: 0.741 ppbv
RT: 5.65 min Scan# 843
Delta R.T. 0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Instrument :
MSVOA_L
ClientSampleId :
IA2

Tgt Ion: 61 Resp: 78252

Ion	Ratio	Lower	Upper
61	100		
96	72.0	51.9	77.9
98	43.6	35.0	52.4

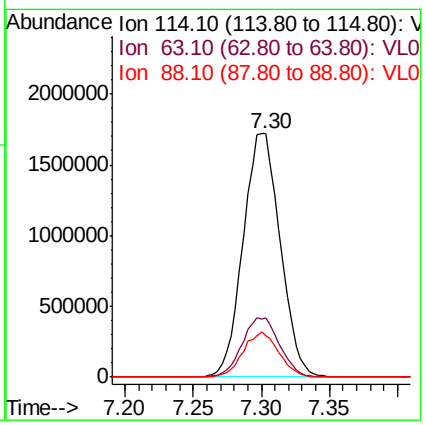


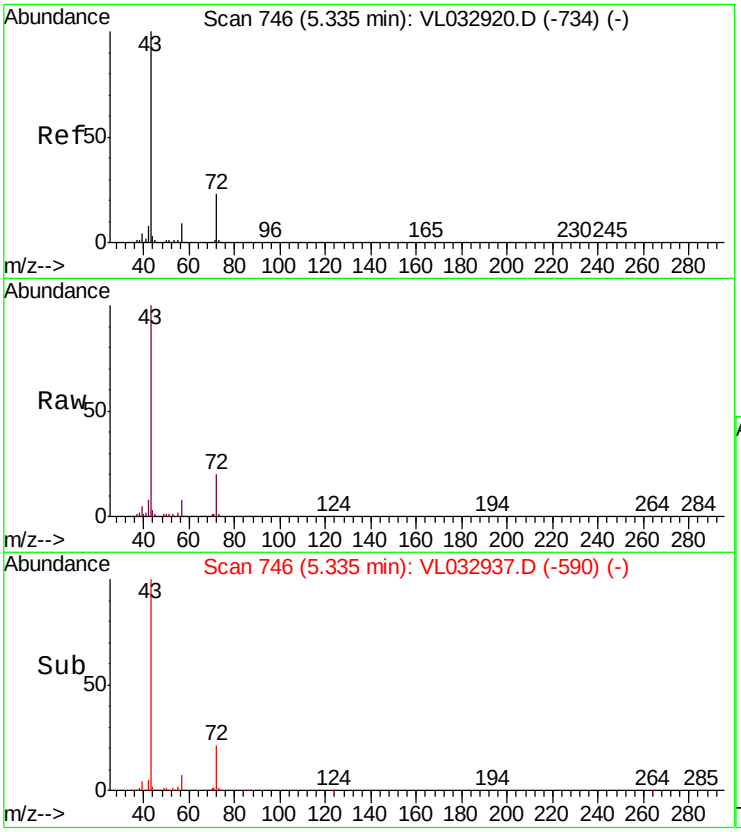


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1358
Delta R.T. 0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Tgt Ion:114 Resp: 3256281

Ion	Ratio	Lower	Upper
114	100		
63	24.7	20.1	30.1
88	17.8	14.2	21.4



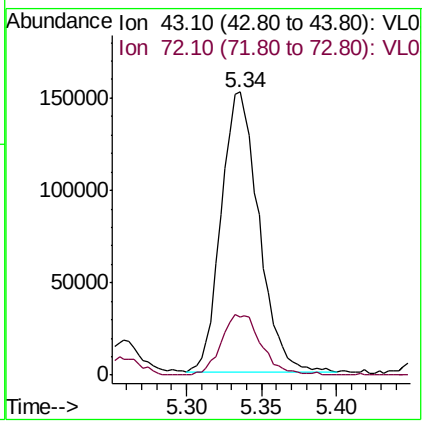


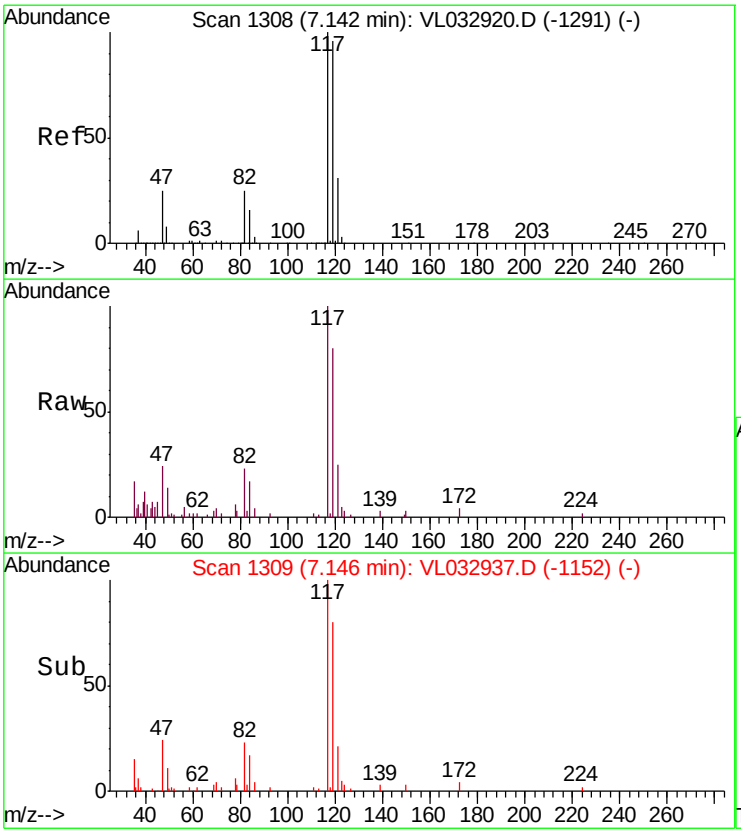
#34
2-Butanone
Concen: 1.884 ppbv
RT: 5.34 min Scan# 746
Delta R.T. 0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Instrument :
MSVOA_L
ClientSampleId :
IA2

Tgt Ion: 43 Resp: 267239

Ion	Ratio	Lower	Upper
43	100		
72	22.4	18.8	28.2

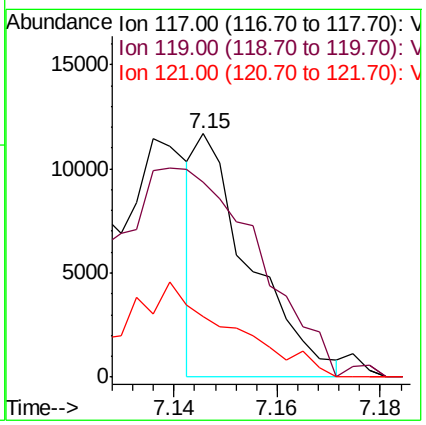


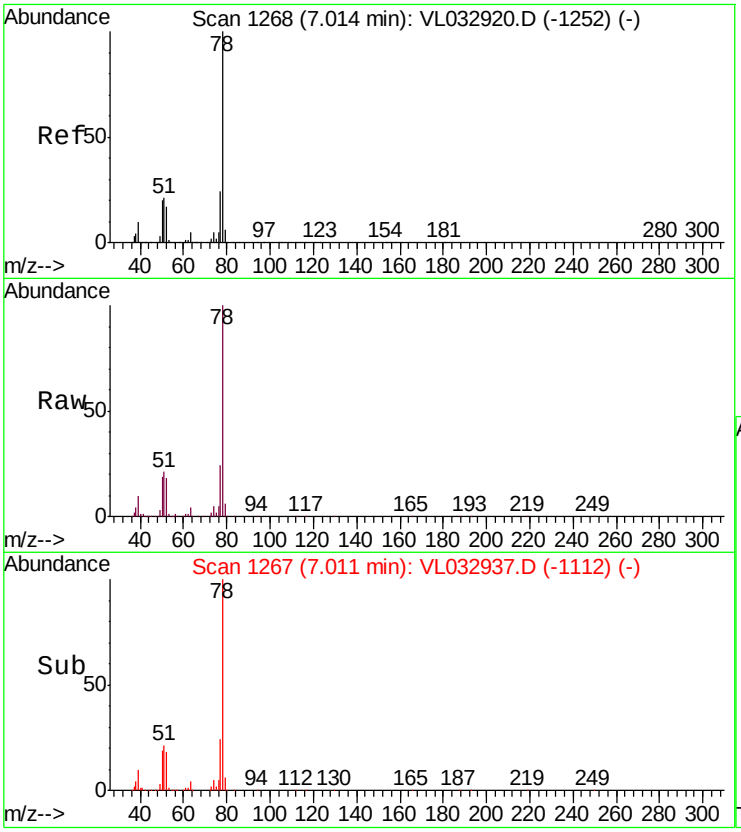


#35
Carbon Tetrachloride
Concen: 0.033 ppbv
RT: 7.15 min Scan# 1309
Delta R.T. 0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Tgt Ion:117 Resp: 8479

Ion	Ratio	Lower	Upper
117	100		
119	85.9	76.5	114.7
121	26.5	24.5	36.7



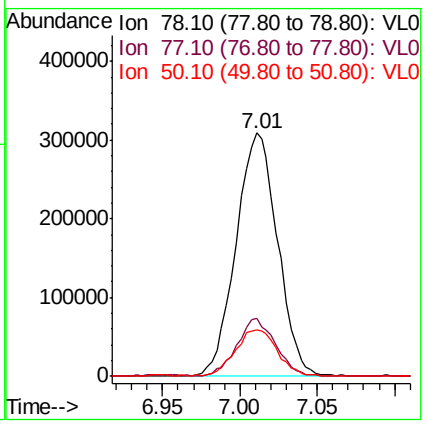


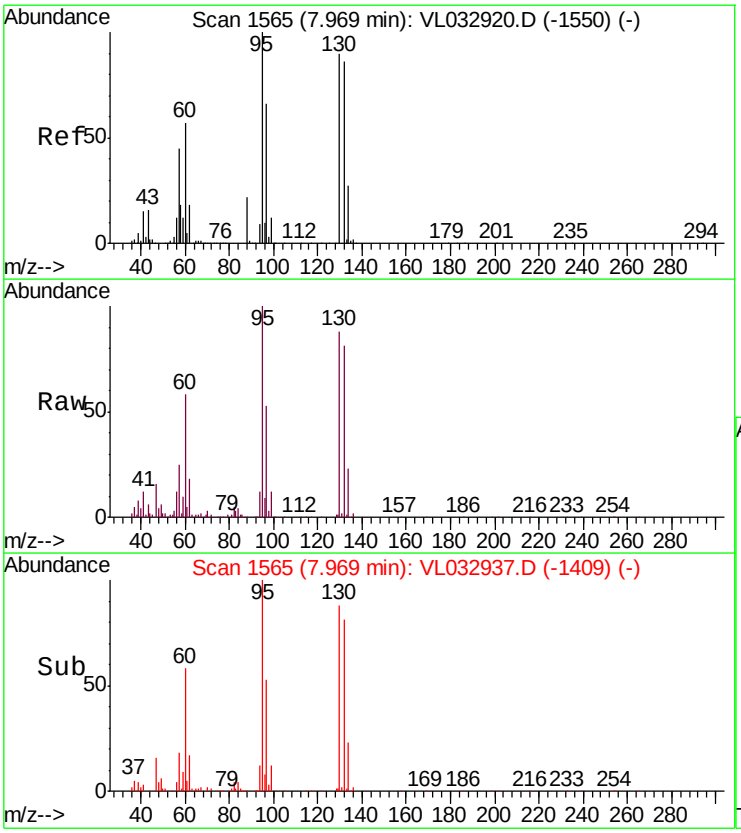
#36
Benzene
Concen: 2.389 ppbv
RT: 7.01 min Scan# 1267
Delta R.T. -0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Instrument :
MSVOA_L
ClientSampleId :
IA2

Tgt Ion: 78 Resp: 572139

Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.9	28.3
50	19.0	16.1	24.1

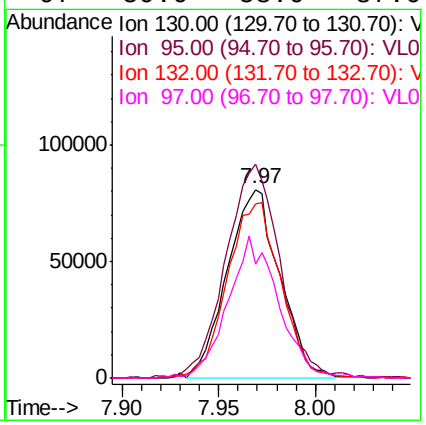


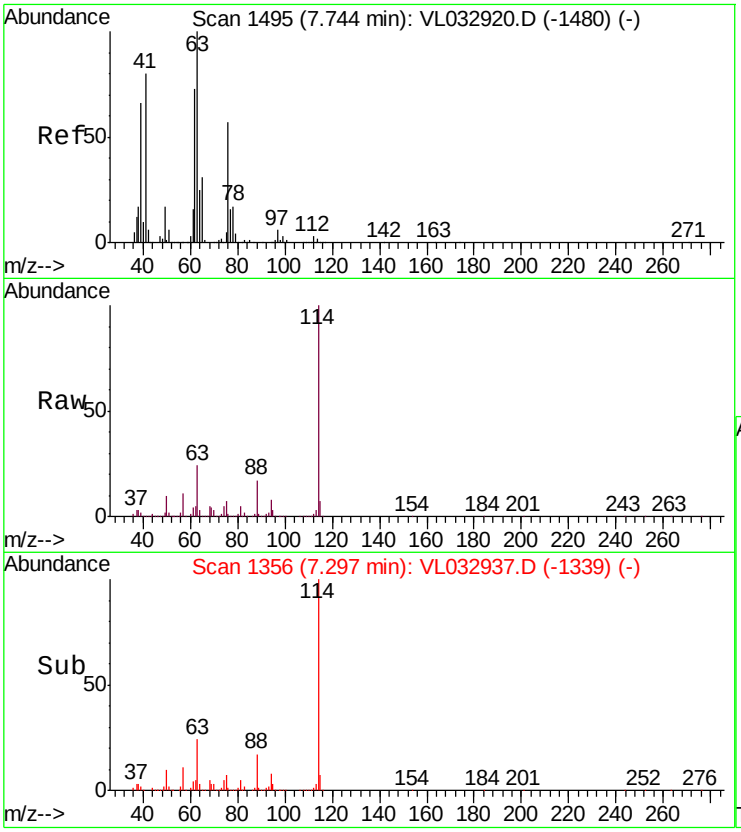


#38
Trichloroethene
Concen: 1.531 ppbv
RT: 7.97 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Tgt Ion:130 Resp: 152597

Ion	Ratio	Lower	Upper
130	100		
95	110.3	88.6	132.8
132	90.7	76.1	114.1
97	59.0	58.0	87.0



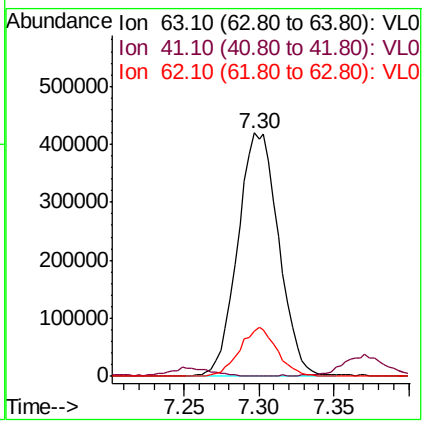


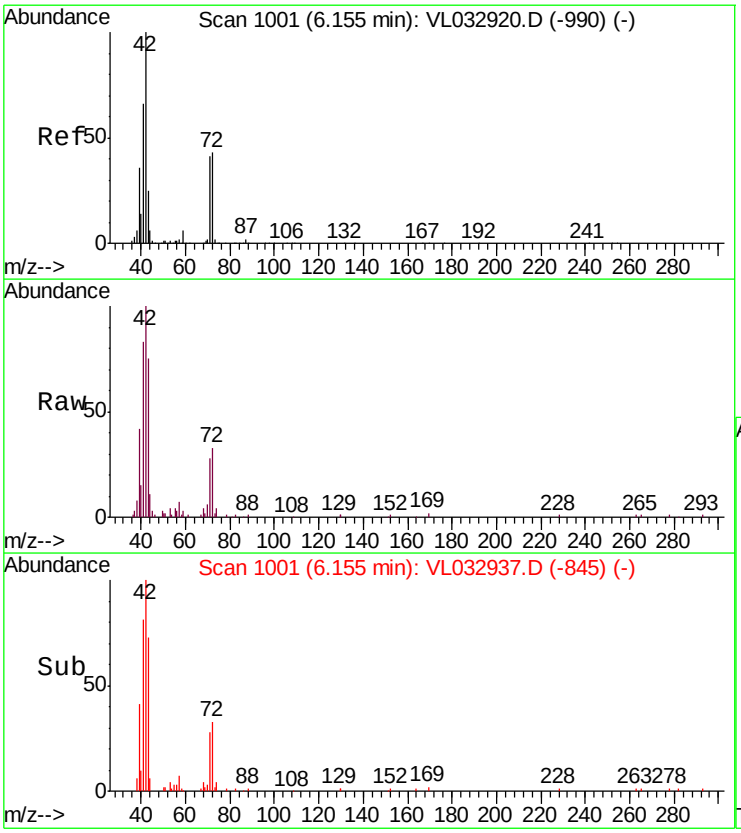
#39
1,2-Dichloropropane
Concen: 8.738 ppbv
RT: 7.30 min Scan# 1356
Delta R.T. -0.45 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Instrument : MSVOA_L
ClientSampleId : IA2

Tgt Ion: 63 Resp: 793674

Ion	Ratio	Lower	Upper
63	100		
41	0.0	63.9	95.9#
62	18.3	58.8	88.2#

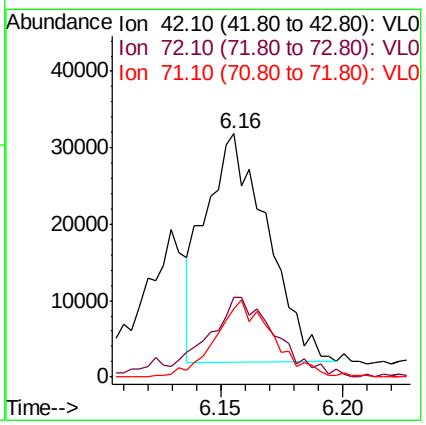


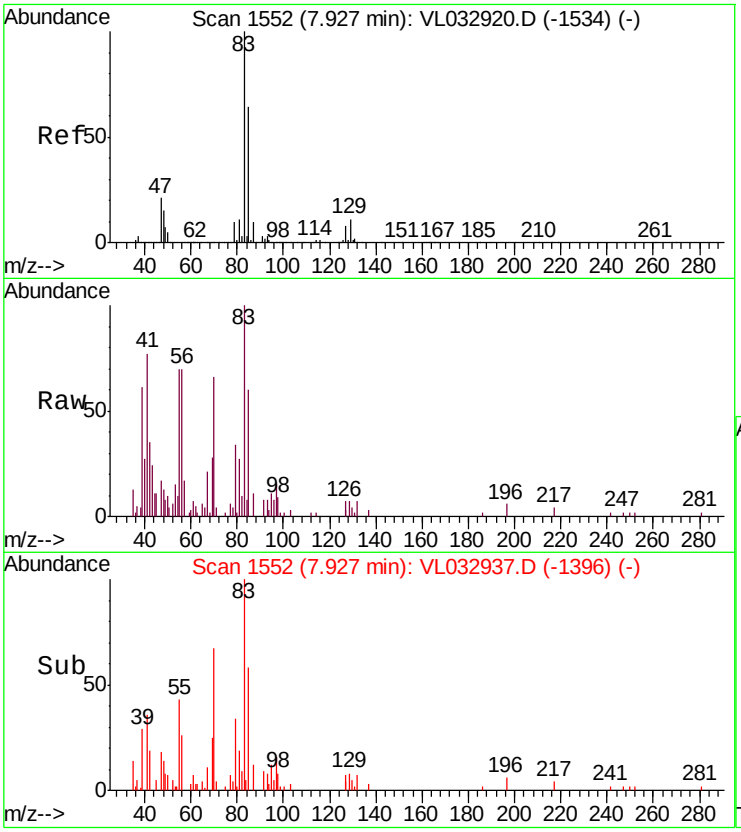


#41
Tetrahydrofuran
Concen: 0.598 ppbv
RT: 6.16 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Tgt Ion: 42 Resp: 52772

Ion	Ratio	Lower	Upper
42	100		
72	42.4	32.9	49.3
71	31.5	32.0	48.0#



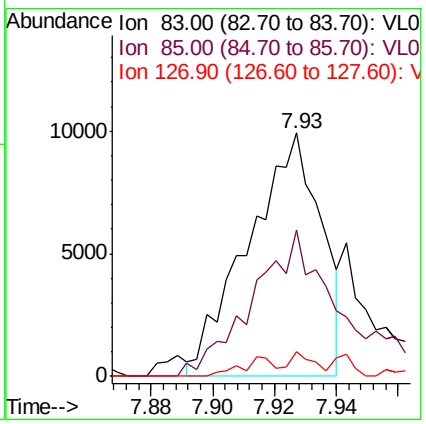


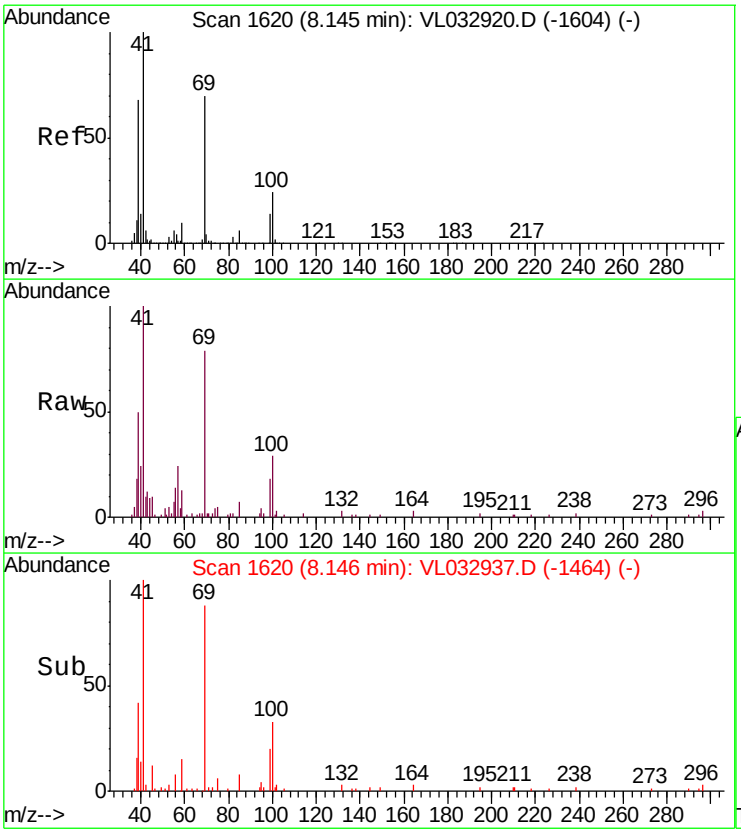
#42
Bromodichloromethane
Concen: 0.072 ppbv
RT: 7.93 min Scan# 1552
Delta R.T. 0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Instrument :
MSVOA_L
ClientSampleId :
IA2

Tgt Ion: 83 Resp: 16239

Ion	Ratio	Lower	Upper
83	100		
85	57.9	50.9	76.3
127	10.8	6.7	10.1#

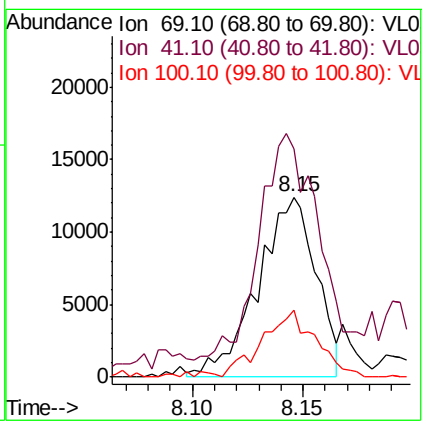


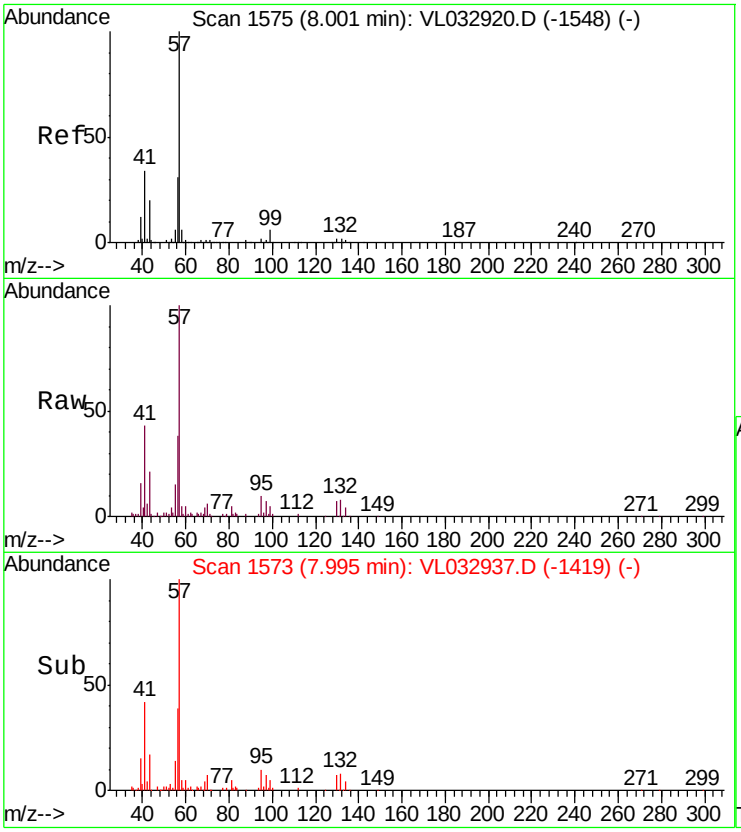


#43
Methyl Methacrylate
Concen: 0.257 ppbv
RT: 8.15 min Scan# 1620
Delta R.T. 0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Tgt Ion: 69 Resp: 22787

Ion	Ratio	Lower	Upper
69	100		
41	187.2	116.6	175.0#
100	35.3	26.5	39.7



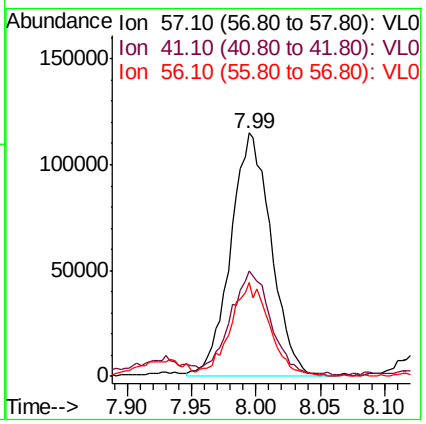


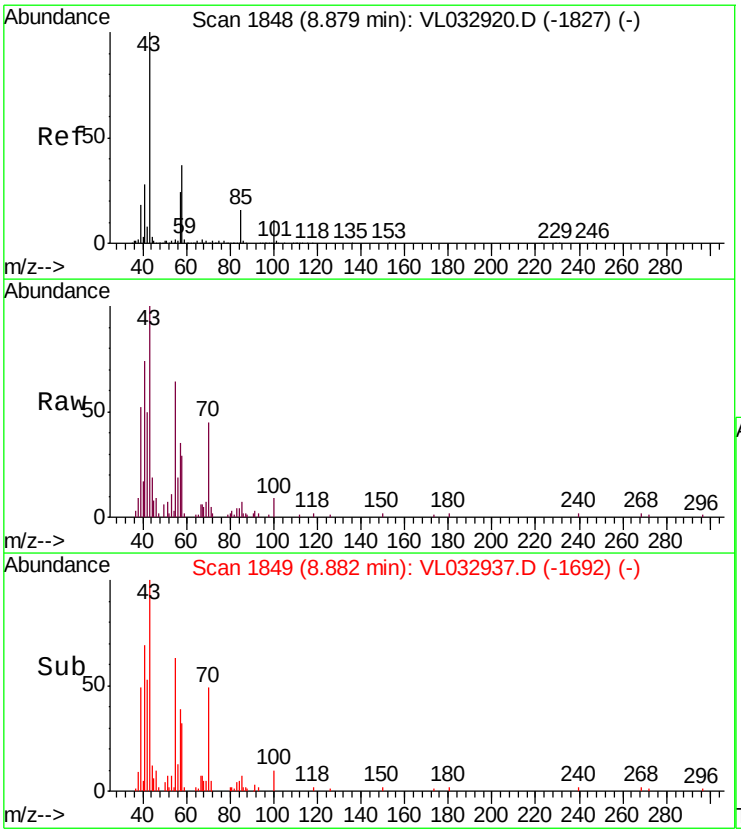
#44
2,2,4-Trimethylpentane
Concen: 0.616 ppbv
RT: 7.99 min Scan# 1573
Delta R.T. -0.01 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Instrument : MSVOA_L
ClientSampleId : IA2

Tgt Ion: 57 Resp: 250318

Ion	Ratio	Lower	Upper
57	100		
41	43.8	27.0	40.4#
56	36.9	24.6	37.0

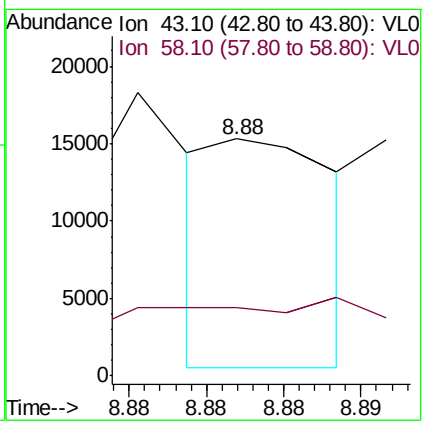


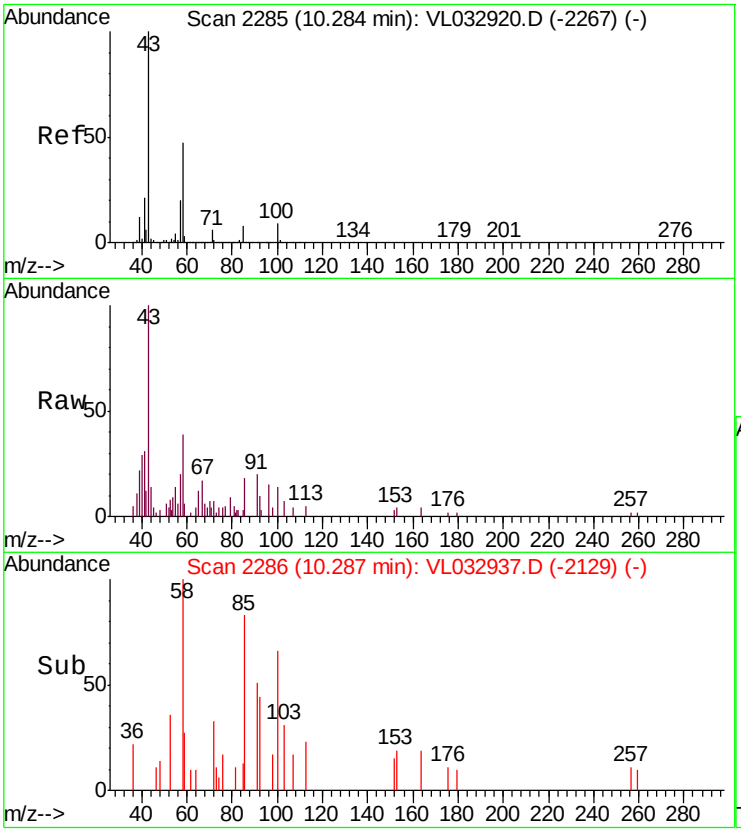


#50
4-Methyl-2-Pentanone
Concen: 0.035 ppbv
RT: 8.88 min Scan# 1849
Delta R.T. 0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Tgt Ion: 43 Resp: 8045

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.0	43.4#



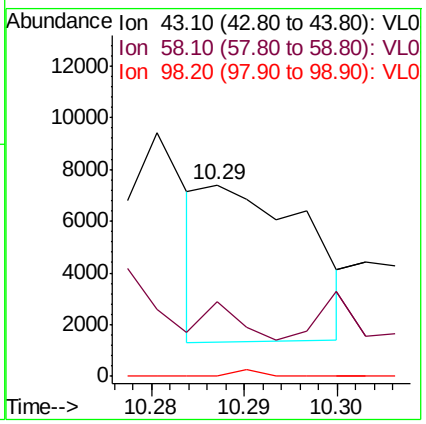


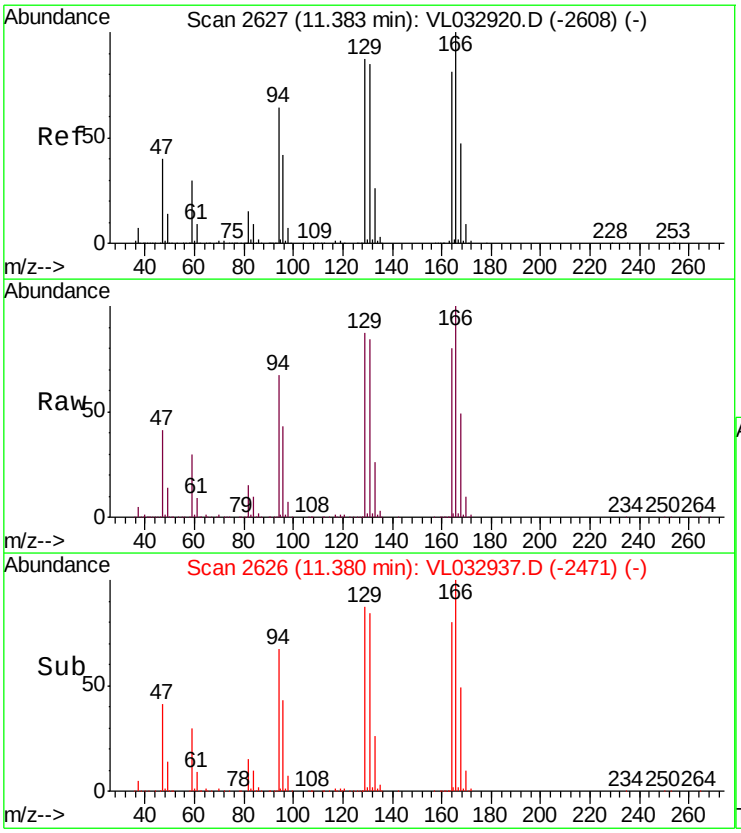
#51
2-Hexanone
Concen: 0.030 ppbv
RT: 10.29 min Scan# 2286
Delta R.T. 0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Instrument : MSVOA_L
ClientSampleId : IA2

Tgt Ion: 43 Resp: 4644

Ion	Ratio	Lower	Upper
43	100		
58	0.0	38.1	57.1#
98	0.0	0.4	0.6#

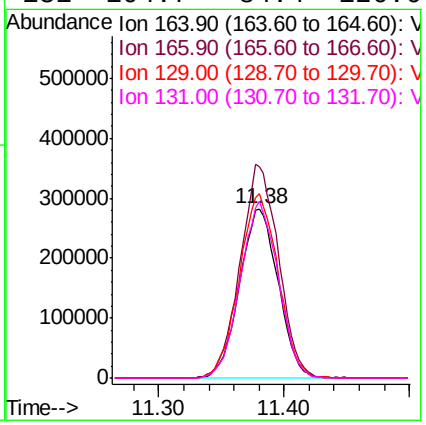


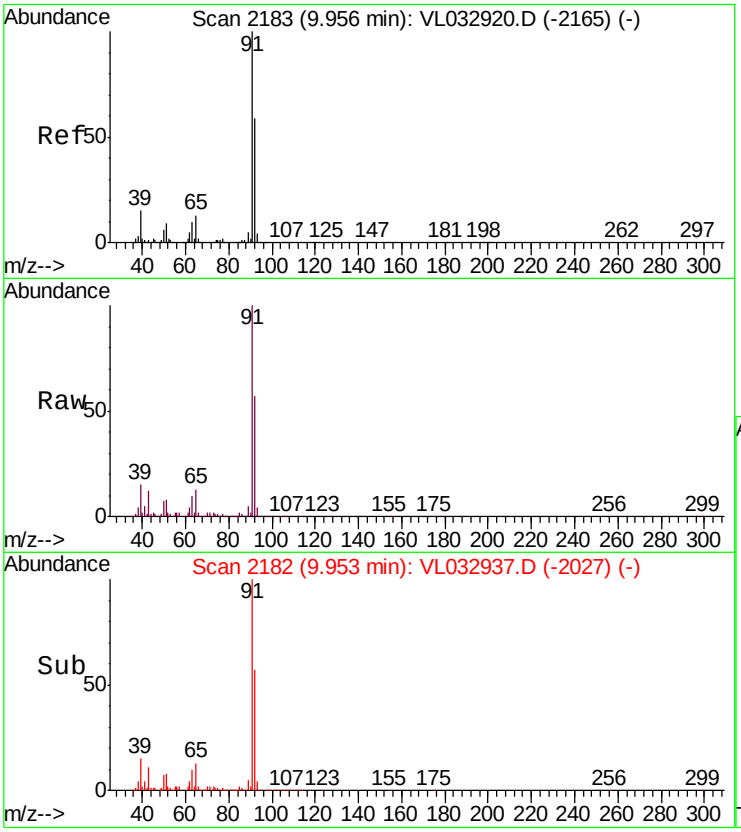


#52
Tetrachloroethene
Concen: 6.917 ppbv
RT: 11.38 min Scan# 2626
Delta R.T. -0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Tgt Ion:164 Resp: 602632

Ion	Ratio	Lower	Upper
164	100		
166	125.2	98.8	148.2
129	108.9	85.5	128.3
131	104.7	84.4	126.6



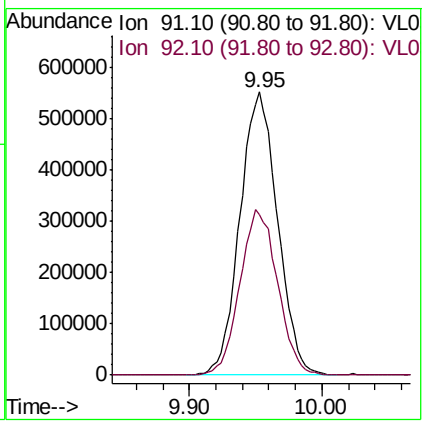


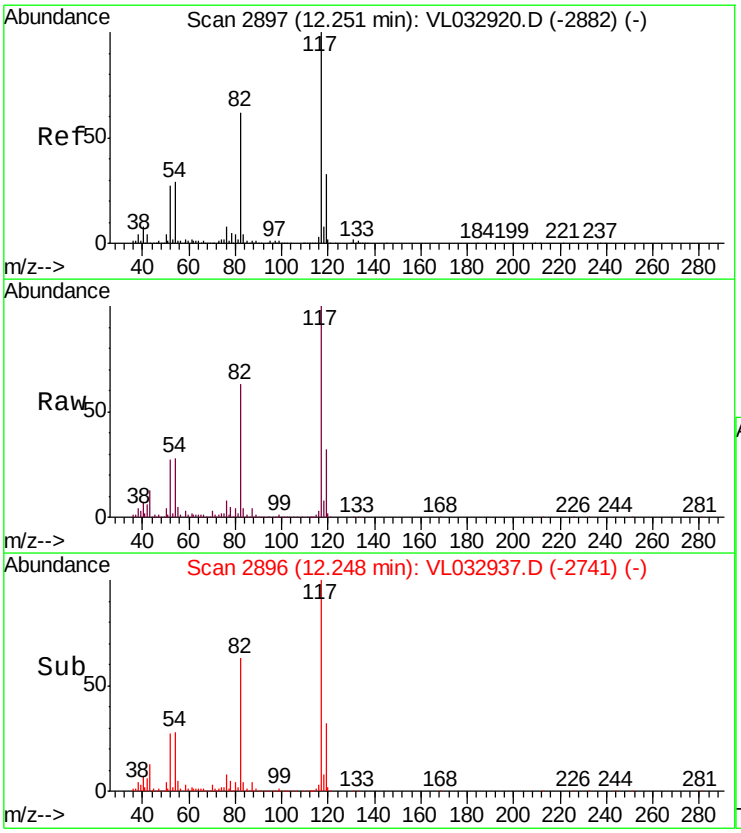
#53
Toluene
Concen: 4.282 ppbv
RT: 9.95 min Scan# 2182
Delta R.T. -0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Instrument : MSVOA_L
ClientSampleId : IA2

Tgt Ion: 91 Resp: 1087790

Ion	Ratio	Lower	Upper
91	100		
92	58.6	47.4	71.0

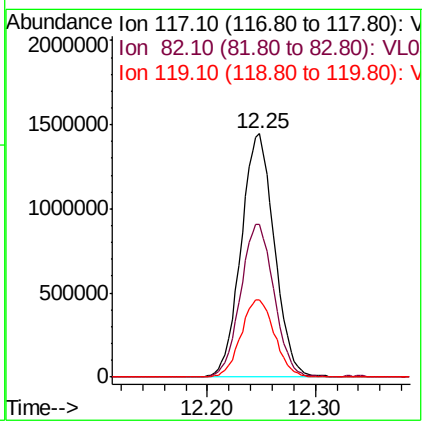


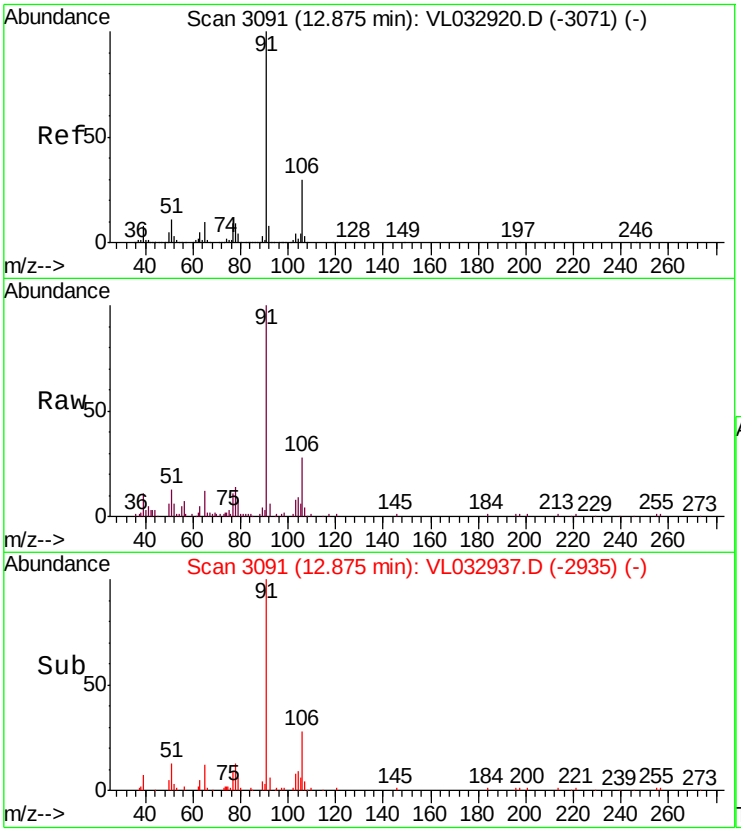


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Tgt Ion:117 Resp: 3098625

Ion	Ratio	Lower	Upper
117	100		
82	63.2	47.8	71.8
119	32.3	43.1	64.7#



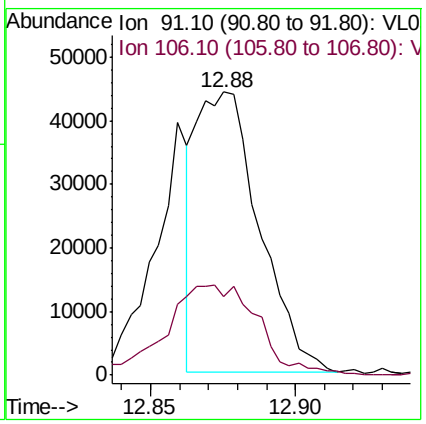


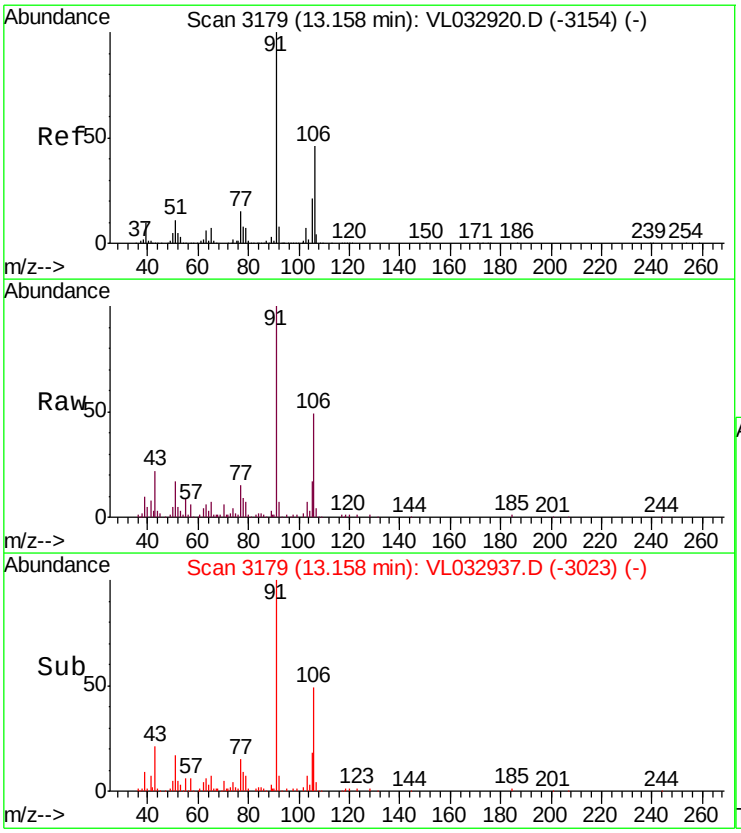
#58
Ethyl Benzene
Concen: 0.201 ppbv
RT: 12.88 min Scan# 3091
Delta R.T. 0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Instrument : MSVOA_L
ClientSampleId : IA2

Tgt Ion: 91 Resp: 66331

Ion	Ratio	Lower	Upper
91	100		
106	26.7	23.9	35.9

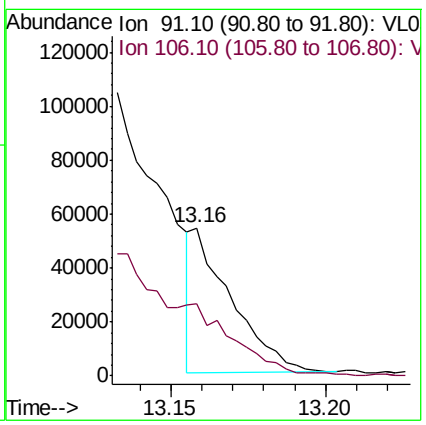


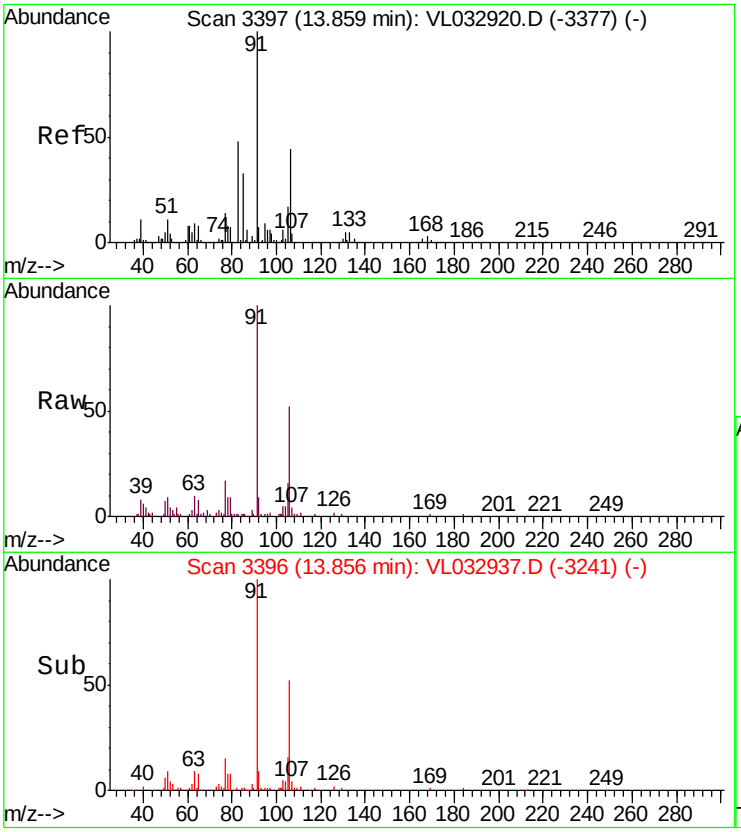


#59
m/p-Xylene
Concen: 0.156 ppbv
RT: 13.16 min Scan# 3179
Delta R.T. 0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Tgt Ion: 91 Resp: 46718

Ion	Ratio	Lower	Upper
91	100		
106	0.0	0.0	0.0



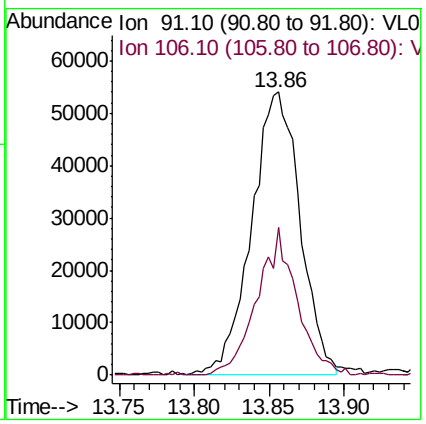


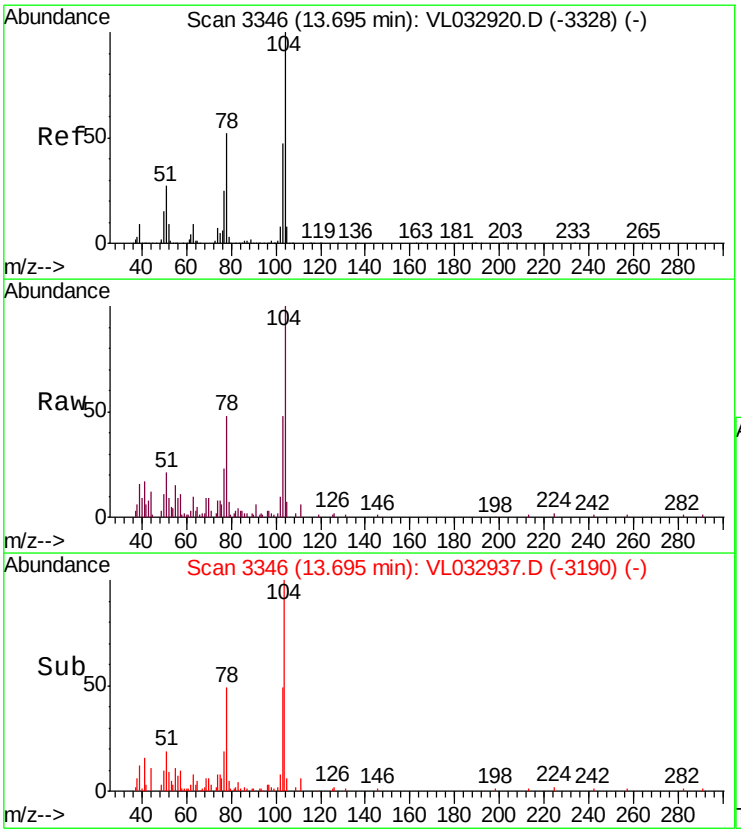
#60
o-Xylene
Concen: 0.398 ppbv
RT: 13.86 min Scan# 3396
Delta R.T. -0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Instrument : MSVOA_L
ClientSampleId : IA2

Tgt Ion: 91 Resp: 120600

Ion	Ratio	Lower	Upper
91	100		
106	43.2	21.9	65.8

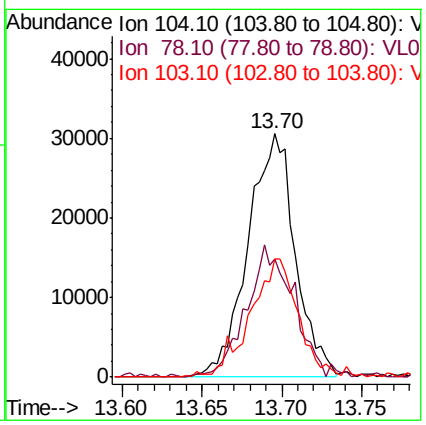


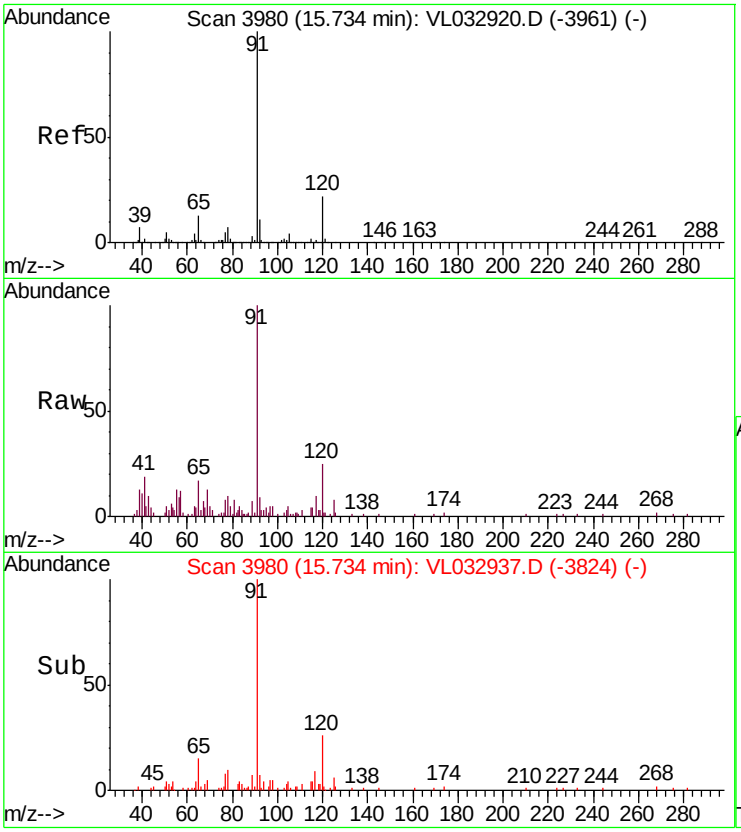


#61
Styrene
Concen: 0.308 ppbv
RT: 13.70 min Scan# 3346
Delta R.T. 0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Tgt Ion:104 Resp: 61985

Ion	Ratio	Lower	Upper
104	100		
78	55.5	42.0	63.0
103	49.7	38.3	57.5



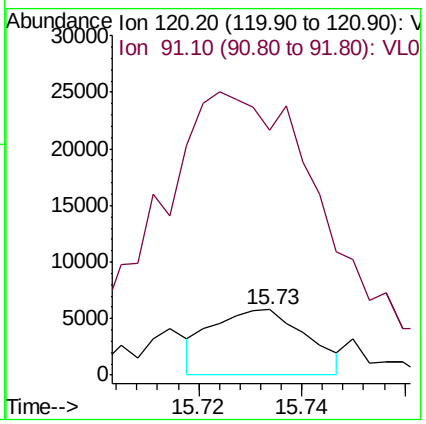


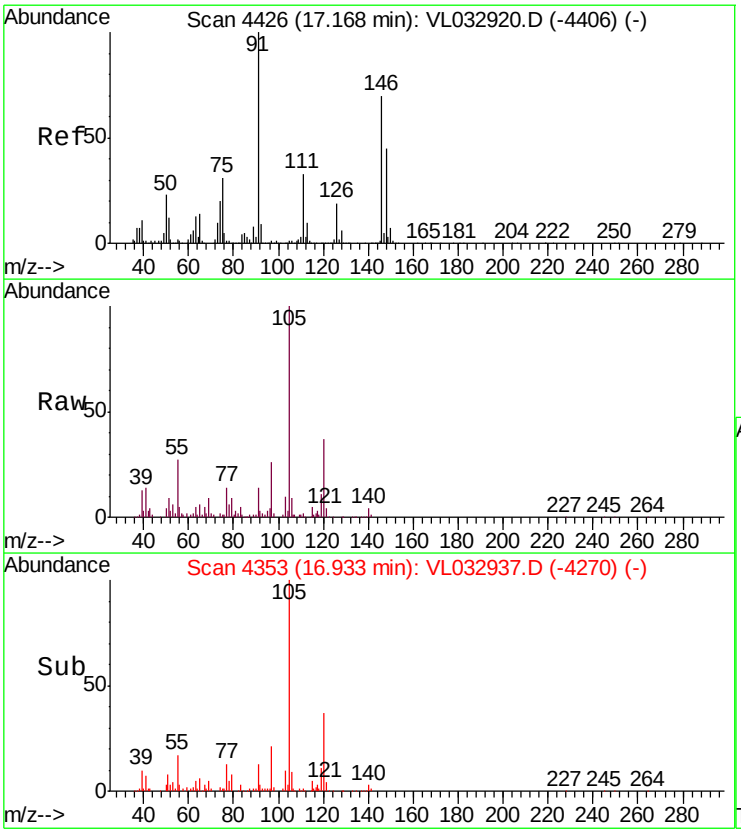
#64
n-propylbenzene
Concen: 0.068 ppbv
RT: 15.73 min Scan# 3980
Delta R.T. 0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Instrument :
MSVOA_L
ClientSampleId :
IA2

Tgt Ion:120 Resp: 7447

Ion	Ratio	Lower	Upper
120	100		
91	820.8	380.4	570.6#

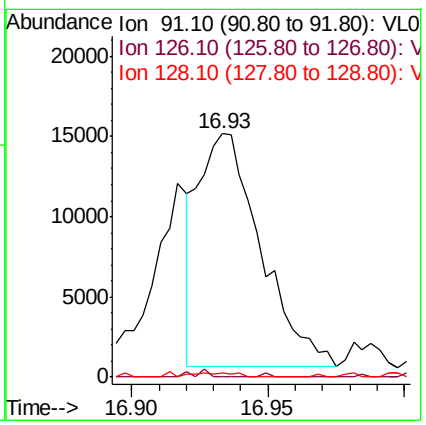


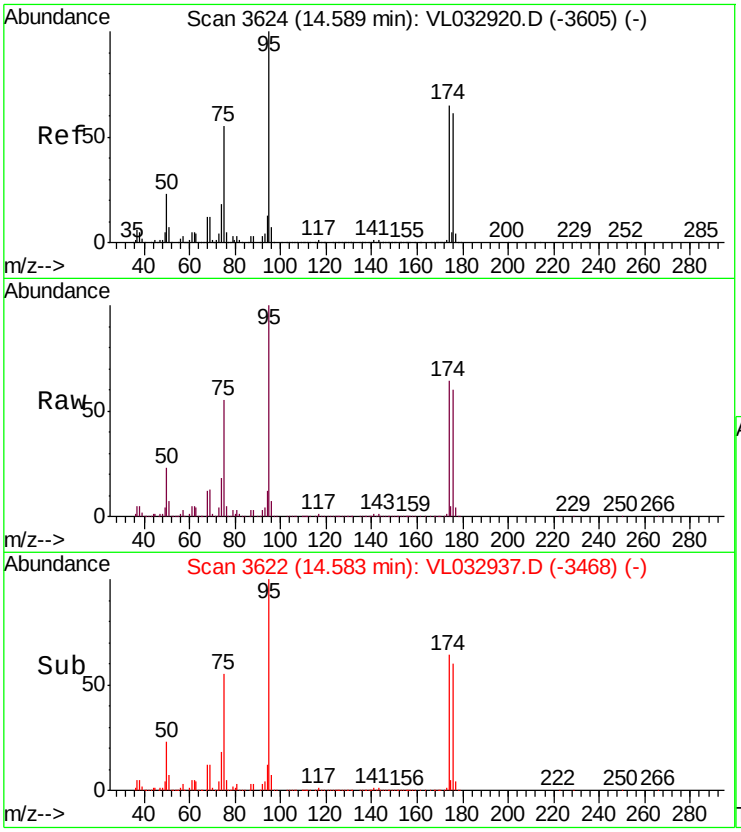


#66
Benzyl Chloride
Concen: 0.106 ppbv
RT: 16.93 min Scan# 4353
Delta R.T. -0.23 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Tgt Ion: 91 Resp: 23029

Ion	Ratio	Lower	Upper
91	100		
126	0.6	14.1	21.1#
128	1.0	4.5	6.7#



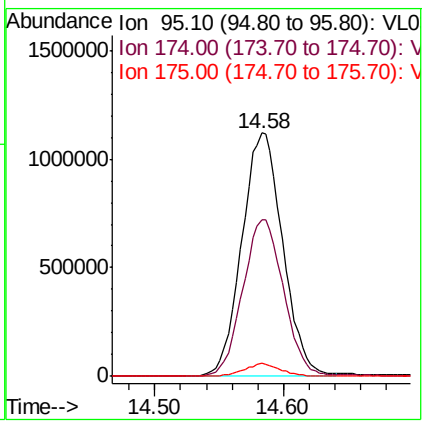


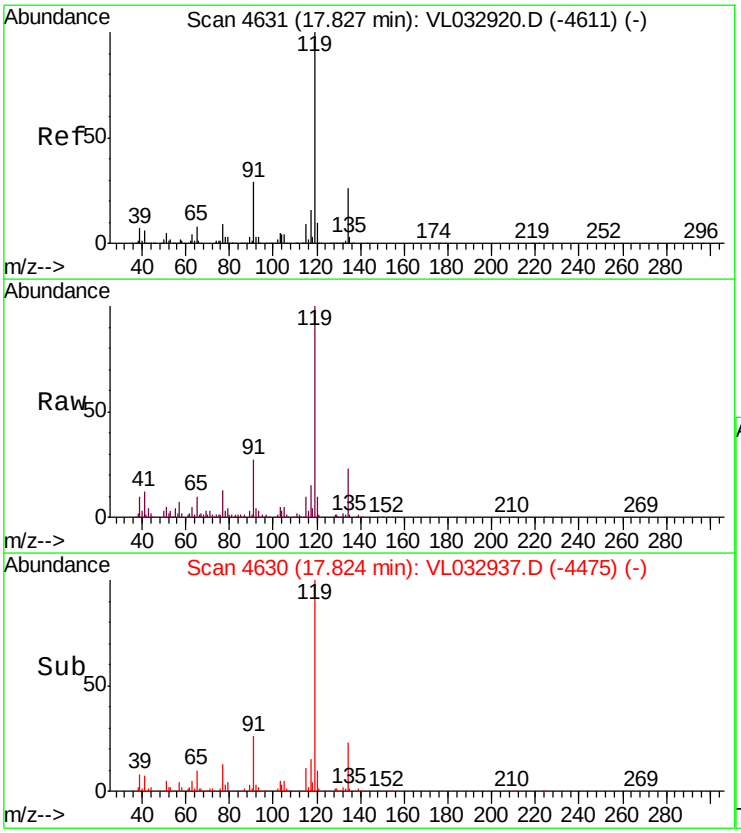
#68
1-Bromo-4-Fluorobenzene
Concen: 10.799 ppbv
RT: 14.58 min Scan# 3622
Delta R.T. -0.01 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Instrument :
MSVOA_L
ClientSampleId :
IA2

Tgt Ion: 95 Resp: 2472176

Ion	Ratio	Lower	Upper
95	100		
174	65.2	51.4	77.0
175	4.9	3.8	5.6

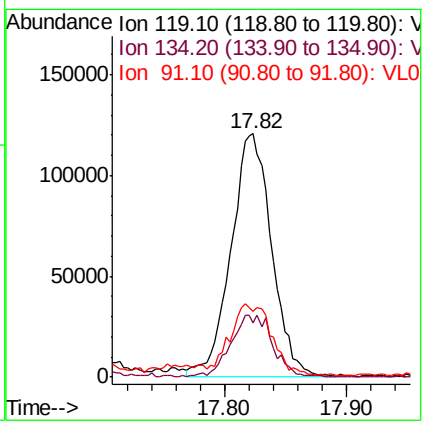


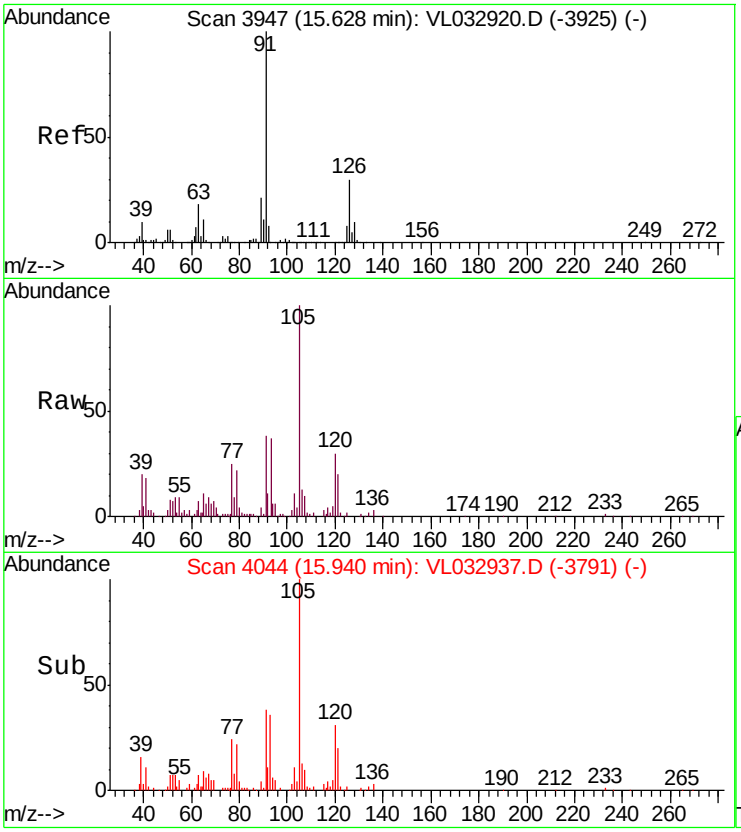


#69
p-Isopropyltoluene
Concen: 0.590 ppbv
RT: 17.82 min Scan# 4630
Delta R.T. -0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Tgt Ion:119 Resp: 275848

Ion	Ratio	Lower	Upper
119	100		
134	26.7	20.2	30.2
91	31.0	22.9	34.3



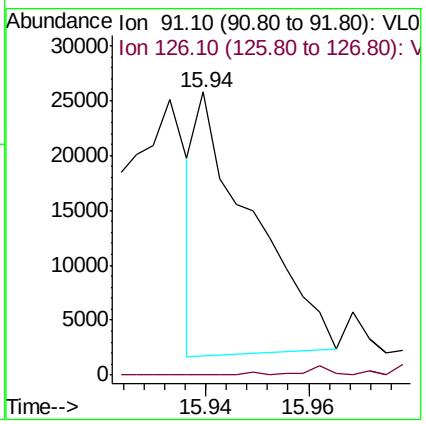


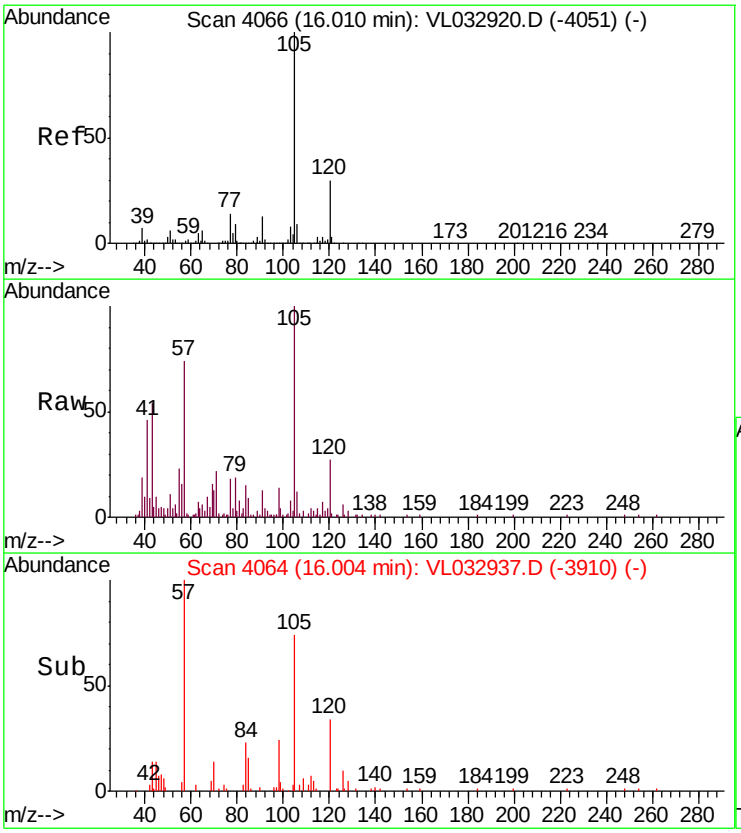
#71
2-Chlorotoluene
Concen: 0.057 ppbv
RT: 15.94 min Scan# 4044
Delta R.T. 0.31 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Instrument : MSVOA_L
ClientSampleId : IA2

Tgt Ion: 91 Resp: 17984

Ion	Ratio	Lower	Upper
91	100		
126	35.5	12.3	49.3

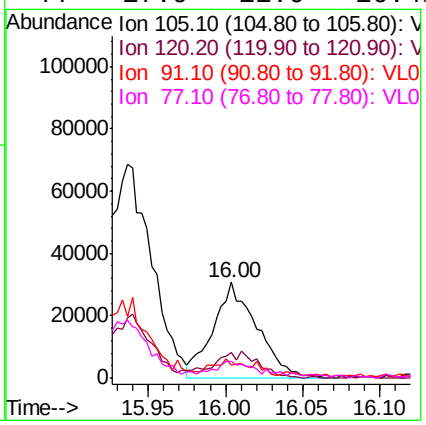


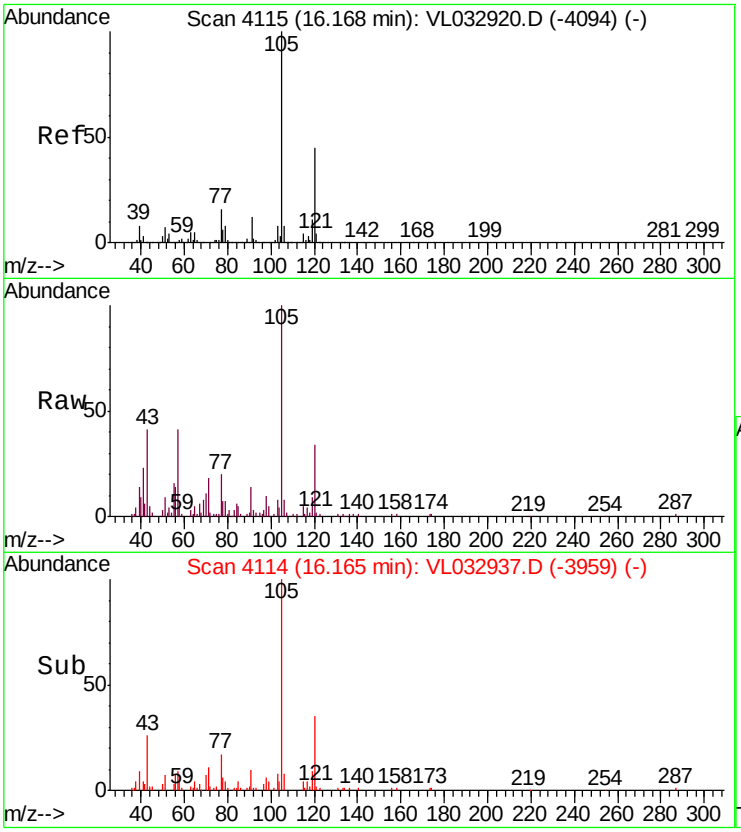


#72
4-Ethyltoluene
Concen: 0.176 ppbv
RT: 16.00 min Scan# 4064
Delta R.T. -0.01 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Tgt Ion:105 Resp: 59524

Ion	Ratio	Lower	Upper
105	100		
120	30.5	23.0	34.4
91	18.2	10.4	15.6#
77	17.9	11.0	16.4#



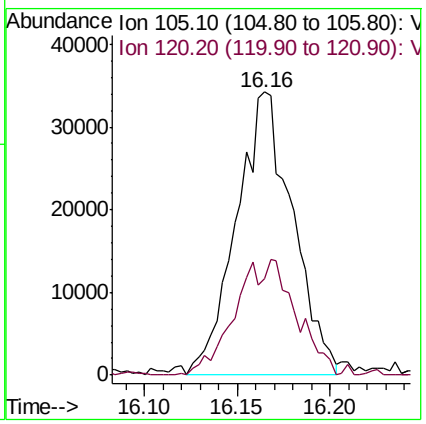


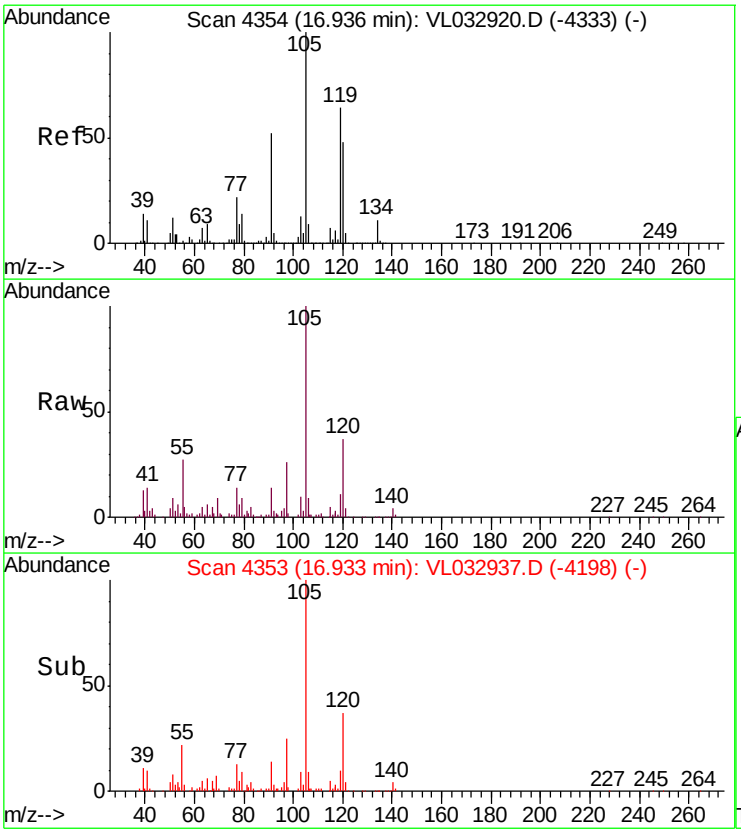
#73
1,3,5-Trimethylbenzene
Concen: 0.219 ppbv
RT: 16.16 min Scan# 4114
Delta R.T. -0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Instrument : MSVOA_L
ClientSampleId : IA2

Tgt Ion:105 Resp: 72220

Ion	Ratio	Lower	Upper
105	100		
120	36.5	36.0	54.0

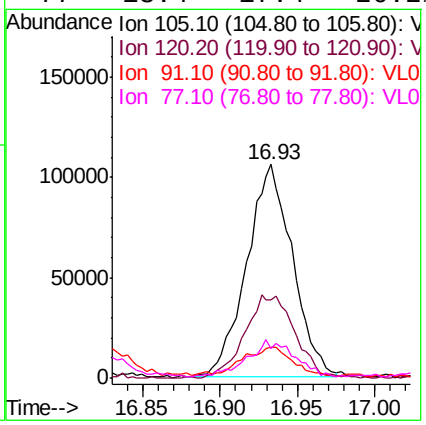


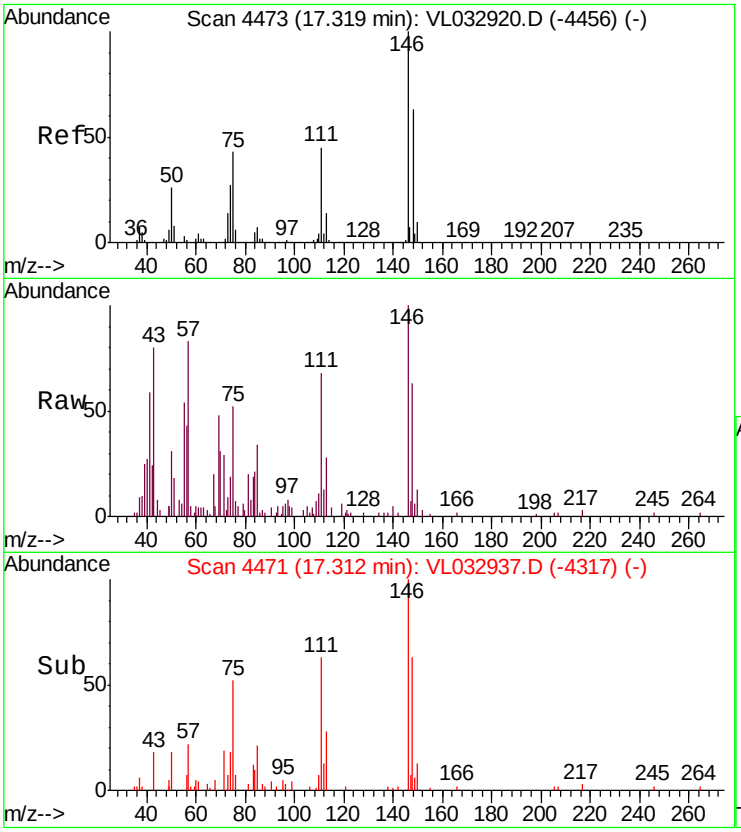


#74
1,2,4-Trimethylbenzene
Concen: 0.585 ppbv
RT: 16.93 min Scan# 4353
Delta R.T. -0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Tgt Ion:105 Resp: 217960

Ion	Ratio	Lower	Upper
105	100		
120	36.2	38.6	58.0#
91	13.7	41.7	62.5#
77	13.4	17.4	26.2#



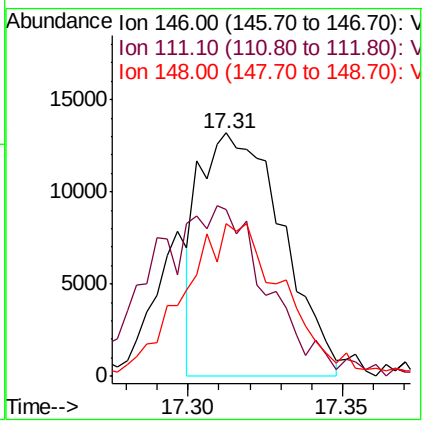


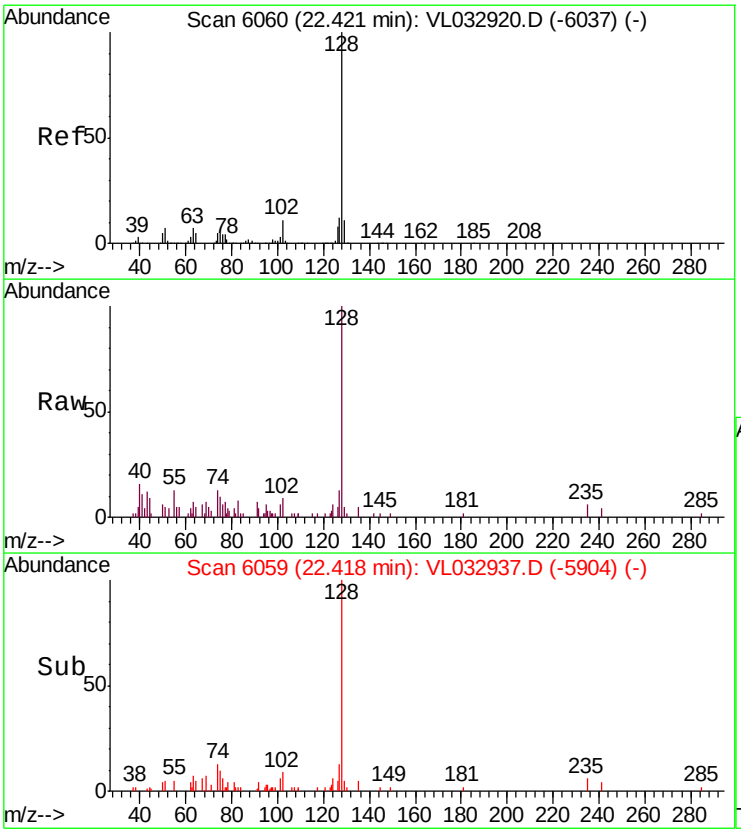
#76
1,4-Dichlorobenzene
Concen: 0.120 ppbv
RT: 17.31 min Scan# 4471
Delta R.T. -0.01 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Instrument :
MSVOA_L
ClientSampleId :
IA2

Tgt Ion:146 Resp: 24644

Ion	Ratio	Lower	Upper
146	100		
111	105.9	22.8	68.4#
148	78.5	32.0	96.2

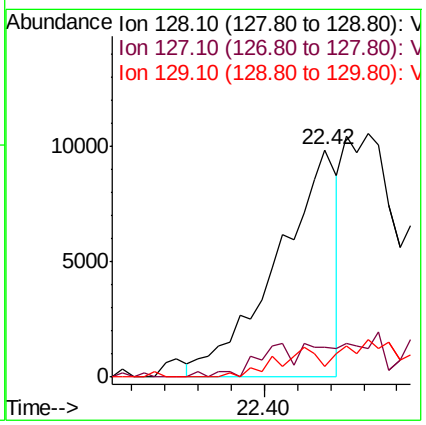


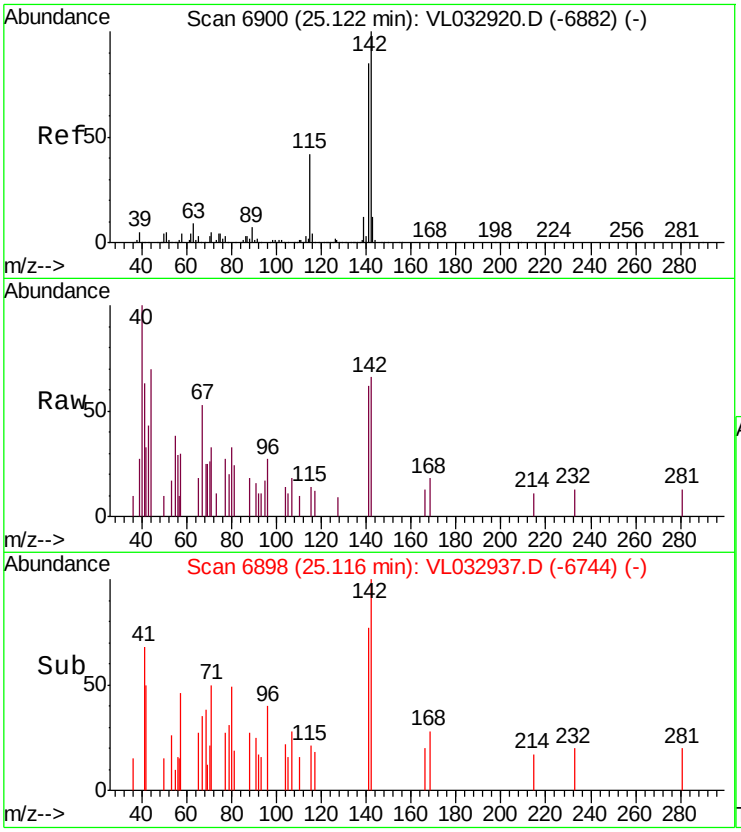


#79
Naphthalene
Concen: 0.052 ppbv
RT: 22.42 min Scan# 6059
Delta R.T. -0.00 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Tgt Ion:128 Resp: 12390

Ion	Ratio	Lower	Upper
128	100		
127	13.3	9.9	14.9
129	4.7	8.6	13.0#





#80
Naphthalene,2-methyl-
Concen: 0.036 ppbv
RT: 25.12 min Scan# 6898
Delta R.T. -0.01 min
Lab File: VL032937.D
Acq: 7 Dec 2018 16:33

Instrument :
MSVOA_L
ClientSampleId :
IA2

Tgt Ion:142 Resp: 1874

Ion	Ratio	Lower	Upper
142	100		
141	103.0	68.2	102.2#
115	37.8	35.1	52.7