Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL112718\

Quantitation Report (Not Reviewed)

Data File : VL032812.D
Acq On : 27 Nov 2018 18:13
Operator : SY/AP
Sample : J6046-05
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : EP2-OA-01

Quant Time: Nov 28 03:14:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 07:00:23 2018
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.77	49	1318707	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.30	114	3403685	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.26	117	3054860	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.59	95	2270965	9.94	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	53183	0.281	ppbv		99
3) Chlorodifluoromethane	3.02	51	64011	0.612	ppbv	#	84
4) Chloromethane	3.18	50	27299	0.471	ppbv	#	79
9) Propene	3.25	41	46920	1.121	ppbv		98
10) Heptane	8.25	43	7567	0.047	ppbv	#	41
11) Trichlorofluoromethane	4.02	101	45669	0.256	ppbv		95
12) 1,1,2-Trichlorotrifluoroet	4.56	101	13129	0.090	ppbv		98
13) Ethanol	3.69	45	554629	40.473	ppbv		99
15) Acetone	3.91	43	424926	3.528	ppbv		95
16) 1,3-Butadiene	3.35	39	5023	0.108	ppbv		88
19) Isopropyl Alcohol	4.06	45	131284	1.636	ppbv	#	95
20) Methylene Chloride	4.42	84	1129340	18.114	ppbv		99
23) Vinyl Acetate	5.16	43	11476	0.052	ppbv	#	22
25) Ethyl Acetate	5.79	43	893698	3.184	ppbv	#	78
26) Hexane	5.79	57	1275587	10.209	ppbv	#	44
30) Cyclohexane	7.26	84	5399	0.049	ppbv	#	7
34) 2-Butanone	5.35	43	40034	0.227	ppbv		96
36) Benzene	7.01	78	77848	0.287	ppbv		98
39) 1,2-Dichloropropane	7.30	63	843699	8.170	ppbv	#	23
41) Tetrahydrofuran	5.79	42	471324	4.654	ppbv	#	49
44) 2,2,4-Trimethylpentane	8.01	57	16237	0.036	ppbv	#	1
53) Toluene	9.96	91	151619	0.536	ppbv		98
74) 1,2,4-Trimethylbenzene	16.95	105	28966	0.077	ppbv	#	74

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

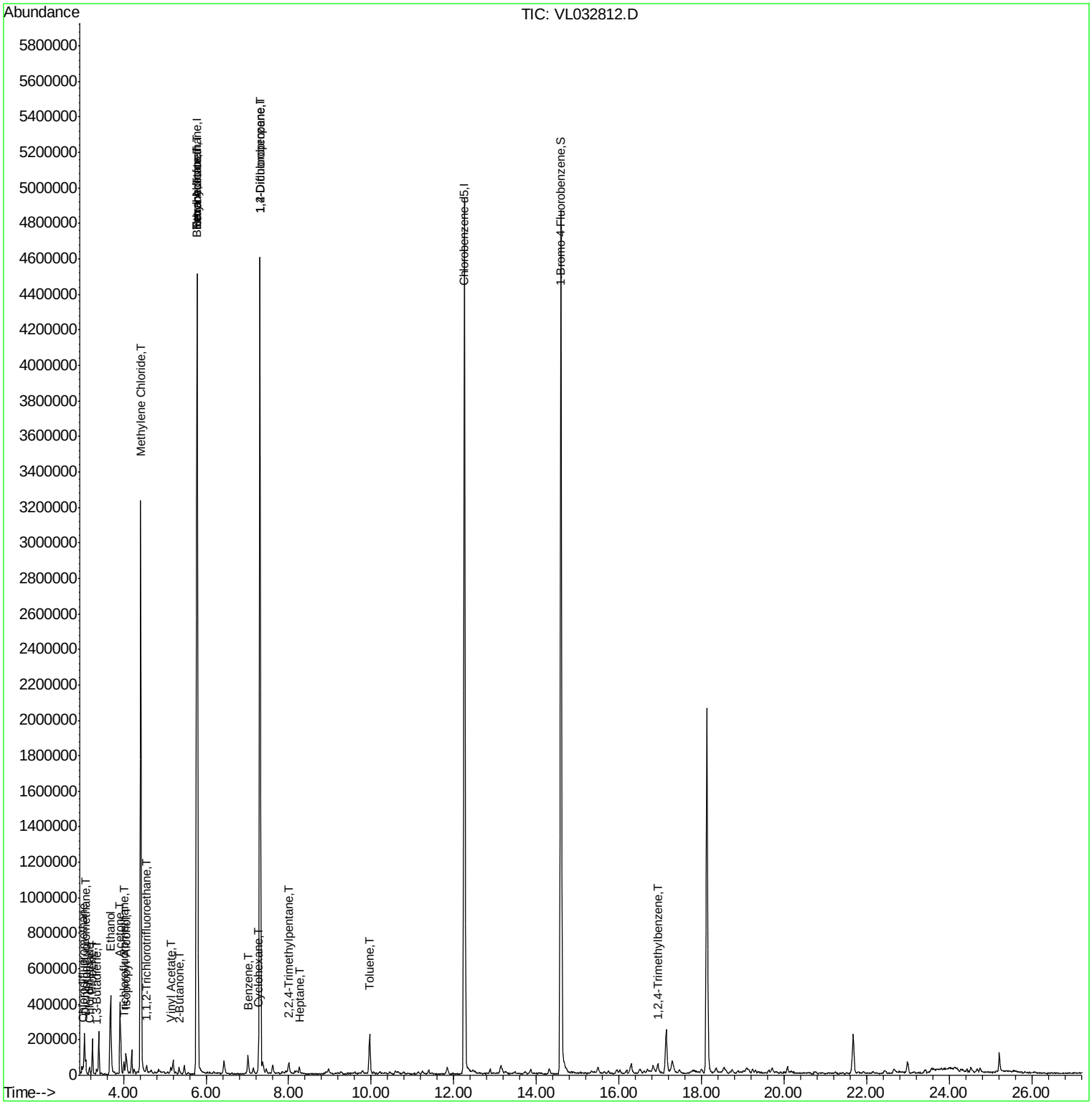
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL112718\

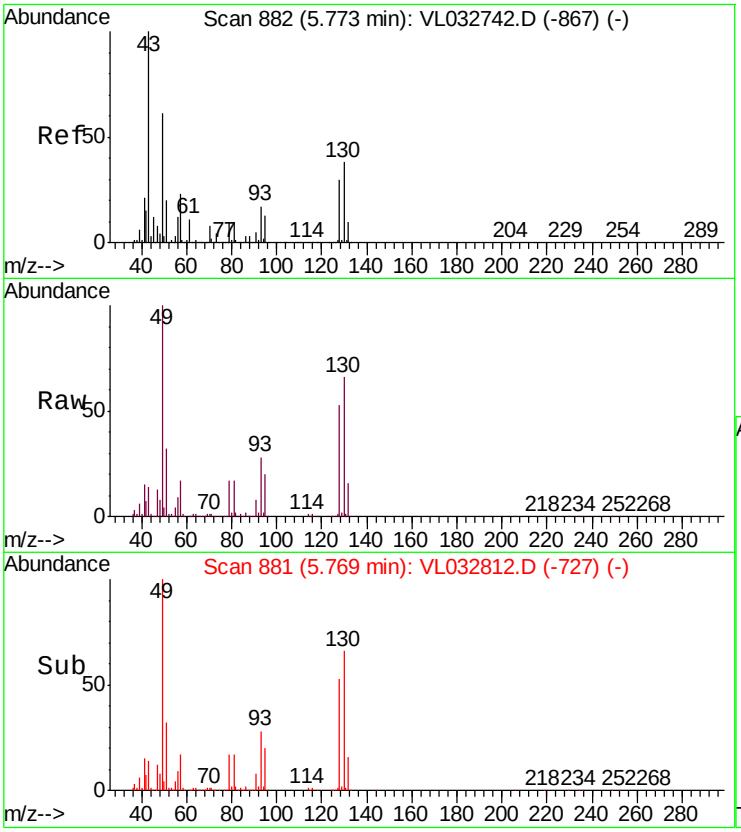
Quantitation Report (Not Reviewed)

Data File : VL032812.D
Acq On : 27 Nov 2018 18:13
Operator : SY/AP
Sample : J6046-05
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
EP2-OA-01

Quant Time: Nov 28 03:14:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 07:00:23 2018
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration



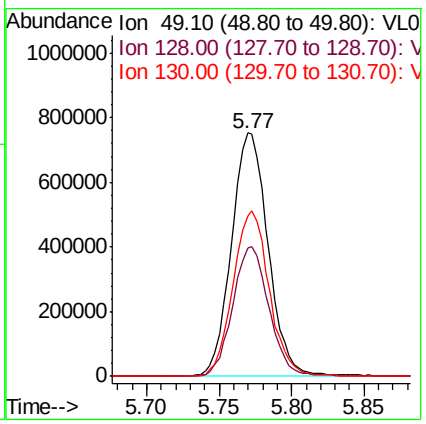


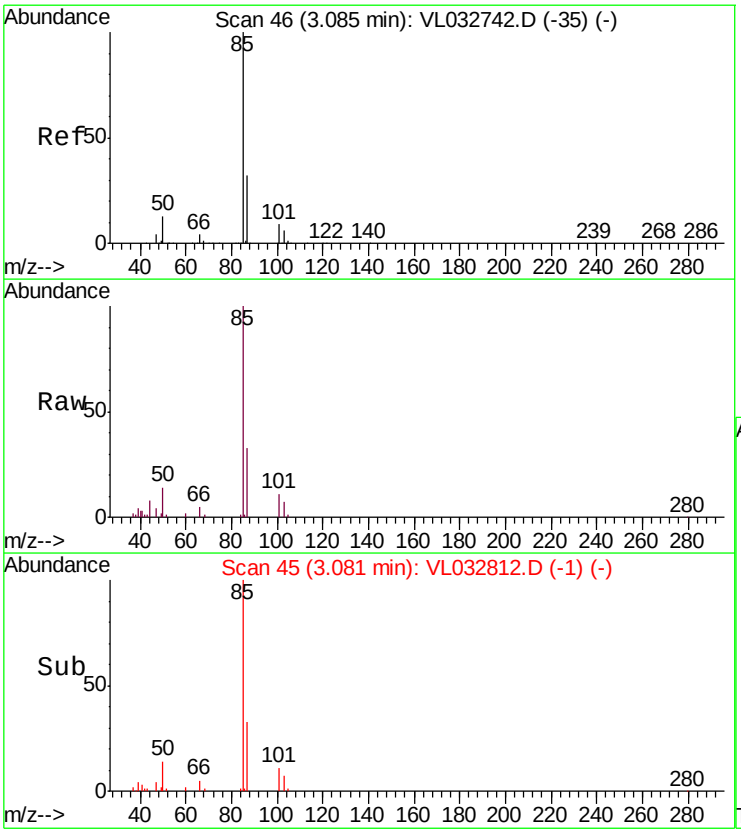
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 881
Delta R.T. -0.00 min
Lab File: VL032812.D
Acq: 27 Nov 2018 18:13

Instrument :
MSVOA_L
ClientSampleId :
EP2-OA-01

Tgt Ion: 49 Resp: 1318707

Ion	Ratio	Lower	Upper
49	100		
128	53.0	24.9	74.6
130	67.7	31.4	94.2

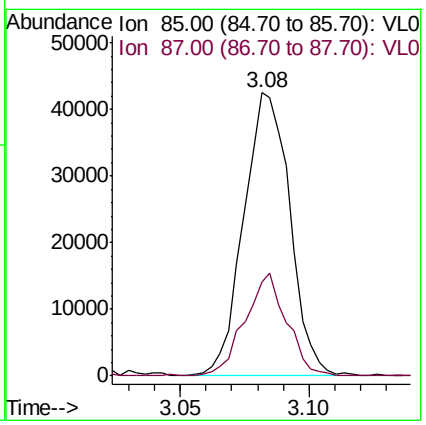


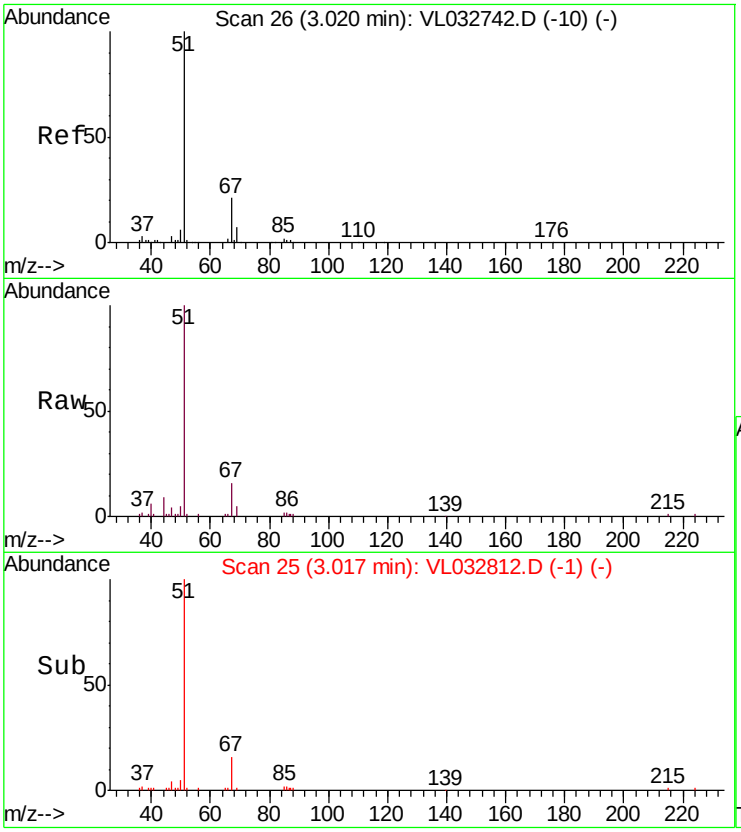


#2
Dichlorodifluoromethane
Concen: 0.281 ppbv
RT: 3.08 min Scan# 45
Delta R.T. -0.00 min
Lab File: VL032812.D
Acq: 27 Nov 2018 18:13

Tgt Ion: 85 Resp: 53183

Ion	Ratio	Lower	Upper
85	100		
87	33.1	26.0	39.0



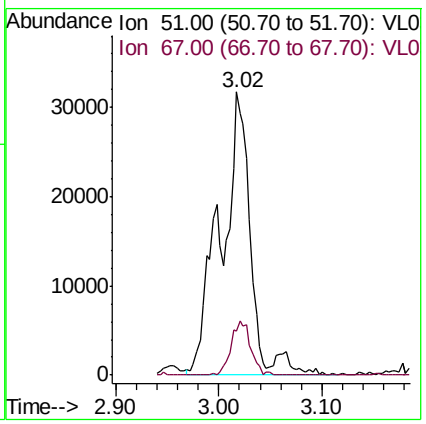


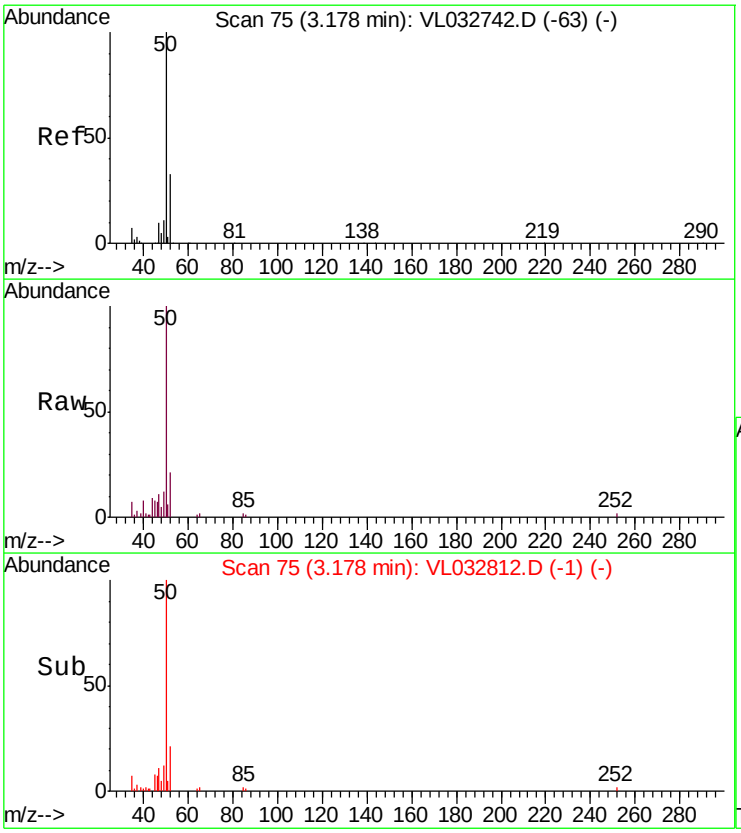
#3
Chlorodifluoromethane
Concen: 0.612 ppbv
RT: 3.02 min Scan# 25
Delta R.T. -0.00 min
Lab File: VL032812.D
Acq: 27 Nov 2018 18:13

Instrument :
MSVOA_L
ClientSampleId :
EP2-OA-01

Tgt Ion: 51 Resp: 64011

Ion	Ratio	Lower	Upper
51	100		
67	12.5	16.1	24.1#

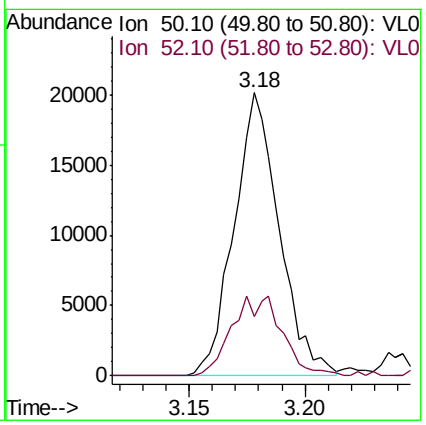


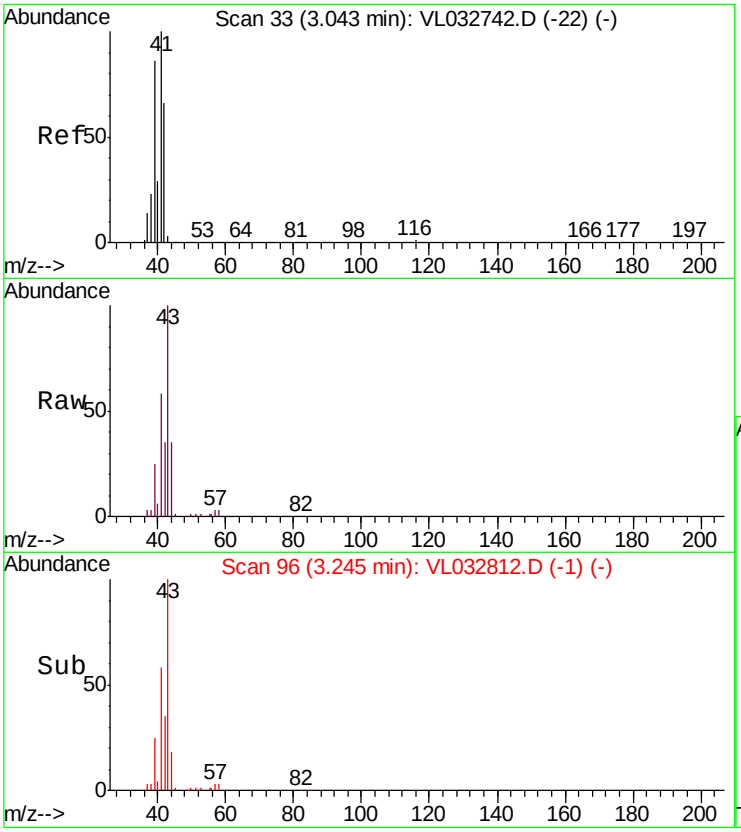


#4
Chloromethane
Concen: 0.471 ppbv
RT: 3.18 min Scan# 75
Delta R.T. -0.00 min
Lab File: VL032812.D
Acq: 27 Nov 2018 18:13

Tgt Ion: 50 Resp: 27299

Ion	Ratio	Lower	Upper
50	100		
52	21.3	26.6	40.0#



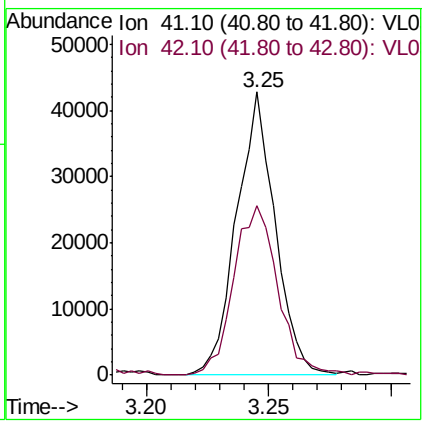


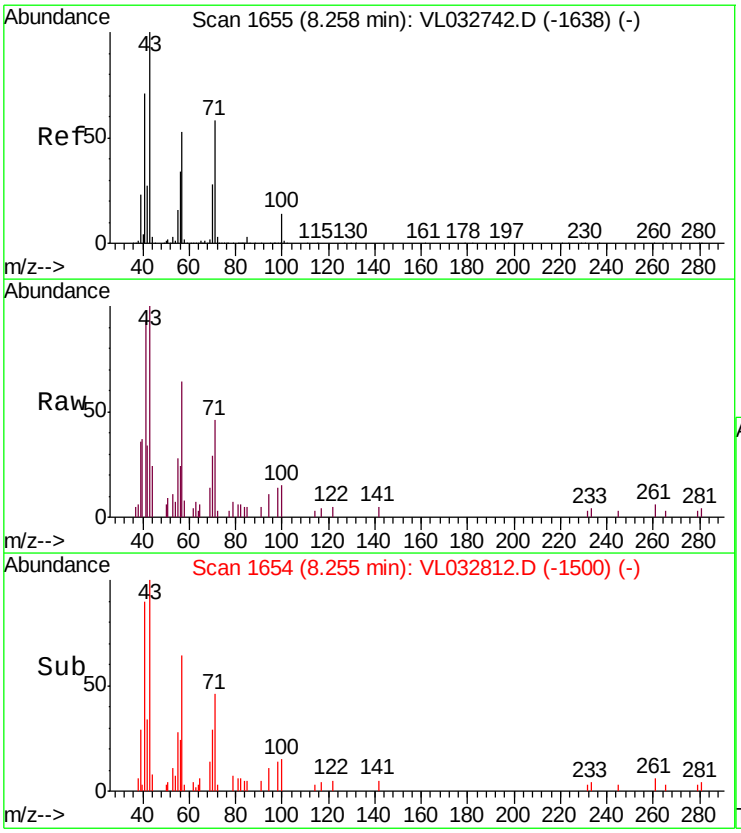
#9
Propene
Concen: 1.121 ppbv
RT: 3.25 min Scan# 96
Delta R.T. 0.20 min
Lab File: VL032812.D
Acq: 27 Nov 2018 18:13

Instrument : MSVOA_L
ClientSampleId : EP2-OA-01

Tgt Ion: 41 Resp: 46920

Ion	Ratio	Lower	Upper
41	100		
42	70.8	55.0	82.6

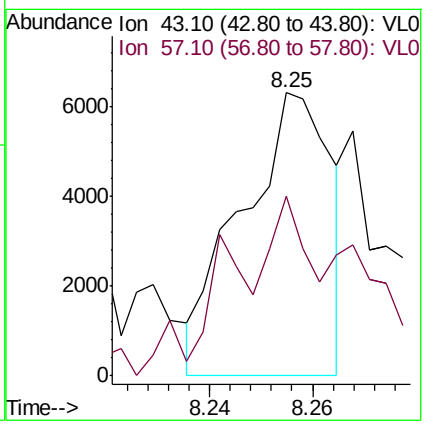


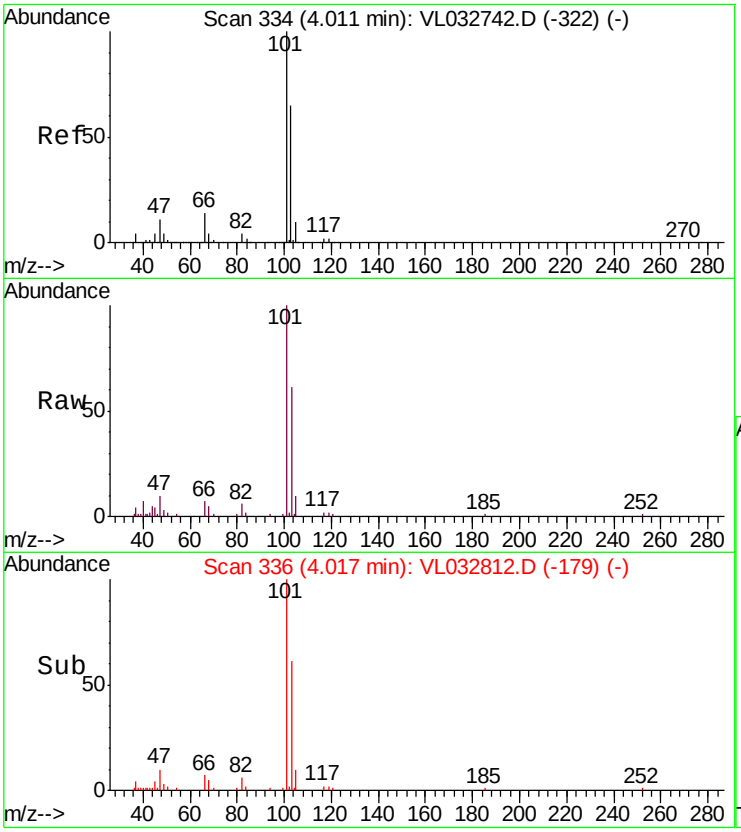


#10
Heptane
Concen: 0.047 ppbv
RT: 8.25 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VL032812.D
Acq: 27 Nov 2018 18:13

Tgt Ion: 43 Resp: 7567

Ion	Ratio	Lower	Upper
43	100		
57	94.1	41.8	62.8#



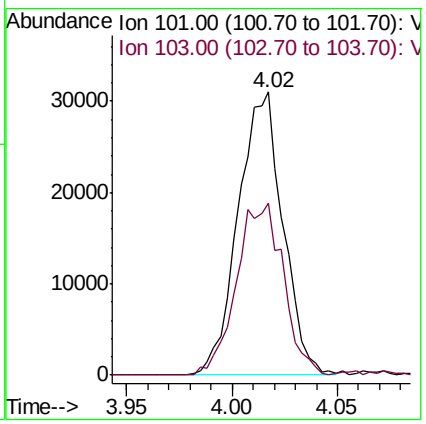


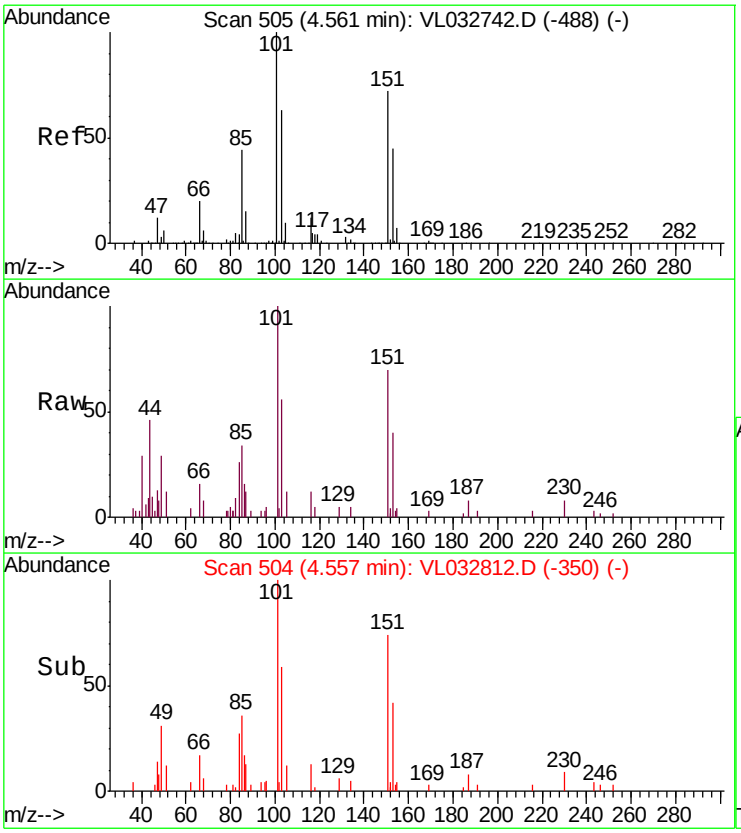
#11
Trichlorofluoromethane
Concen: 0.256 ppbv
RT: 4.02 min Scan# 336
Delta R.T. 0.01 min
Lab File: VL032812.D
Acq: 27 Nov 2018 18:13

Instrument :
MSVOA_L
ClientSampleId :
EP2-OA-01

Tgt Ion:101 Resp: 45669

Ion	Ratio	Lower	Upper
101	100		
103	60.9	51.6	77.4

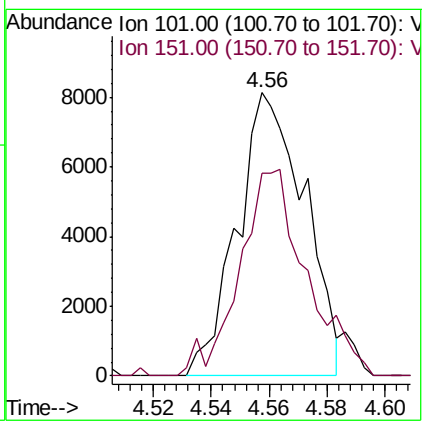


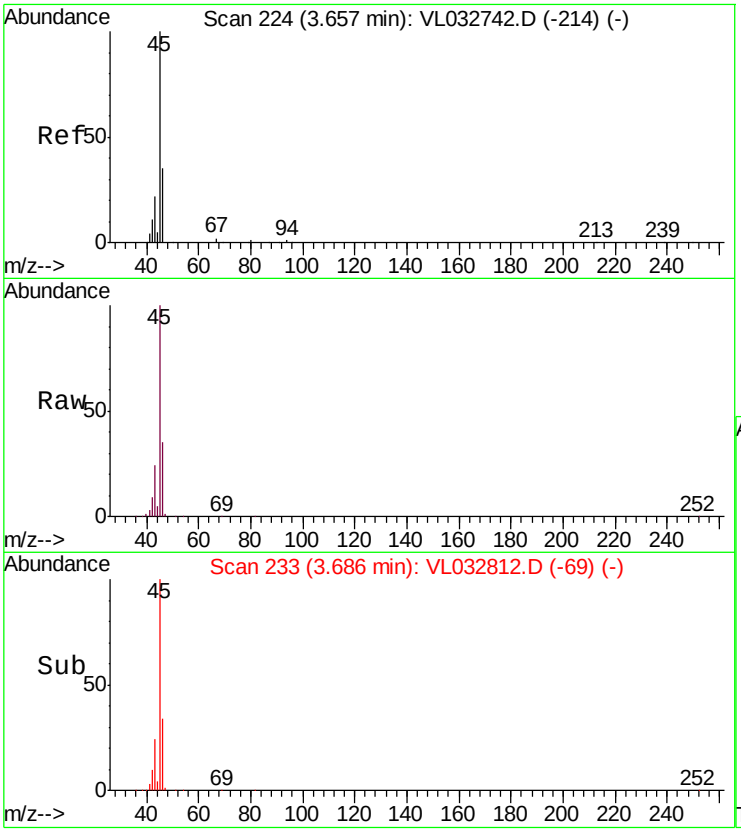


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.090 ppbv
RT: 4.56 min Scan# 504
Delta R.T. -0.00 min
Lab File: VL032812.D
Acq: 27 Nov 2018 18:13

Tgt Ion:101 Resp: 13129

Ion	Ratio	Lower	Upper
101	100		
151	72.6	56.7	85.1



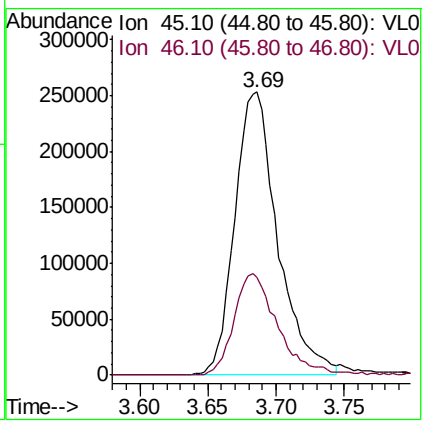


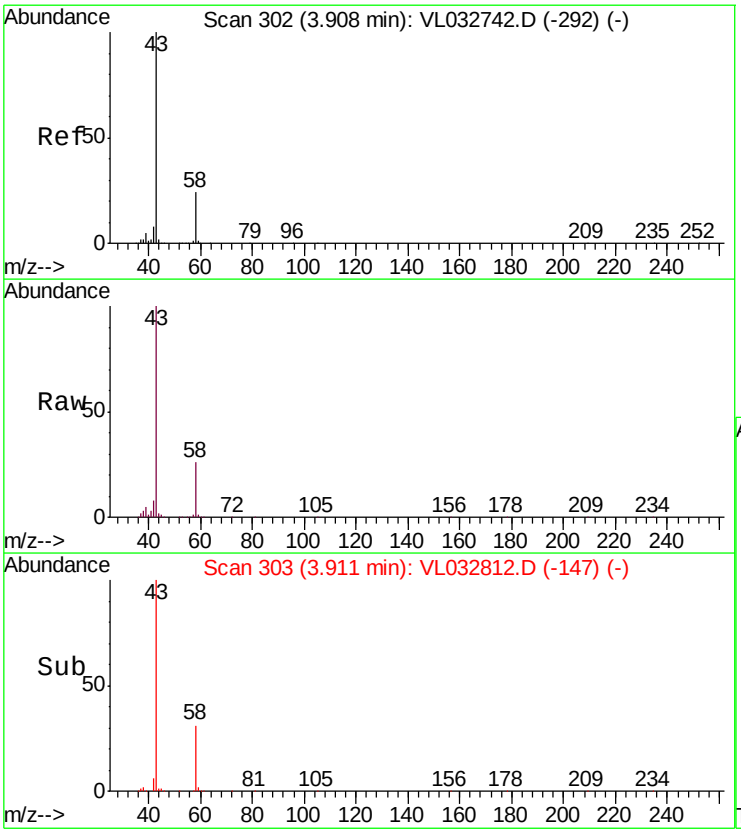
#13
Ethanol
Concen: 40.473 ppbv
RT: 3.69 min Scan# 233
Delta R.T. 0.03 min
Lab File: VL032812.D
Acq: 27 Nov 2018 18:13

Instrument : MSVOA_L
ClientSampleId : EP2-OA-01

Tgt Ion: 45 Resp: 554629

Ion	Ratio	Lower	Upper
45	100		
46	36.7	14.5	57.9

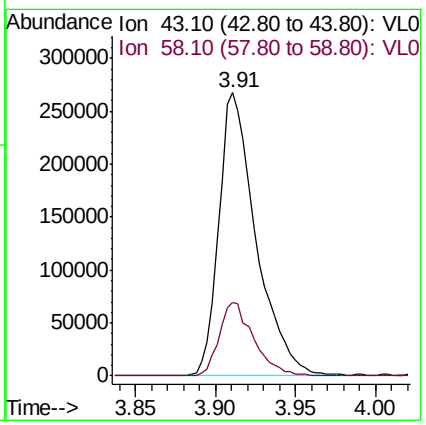


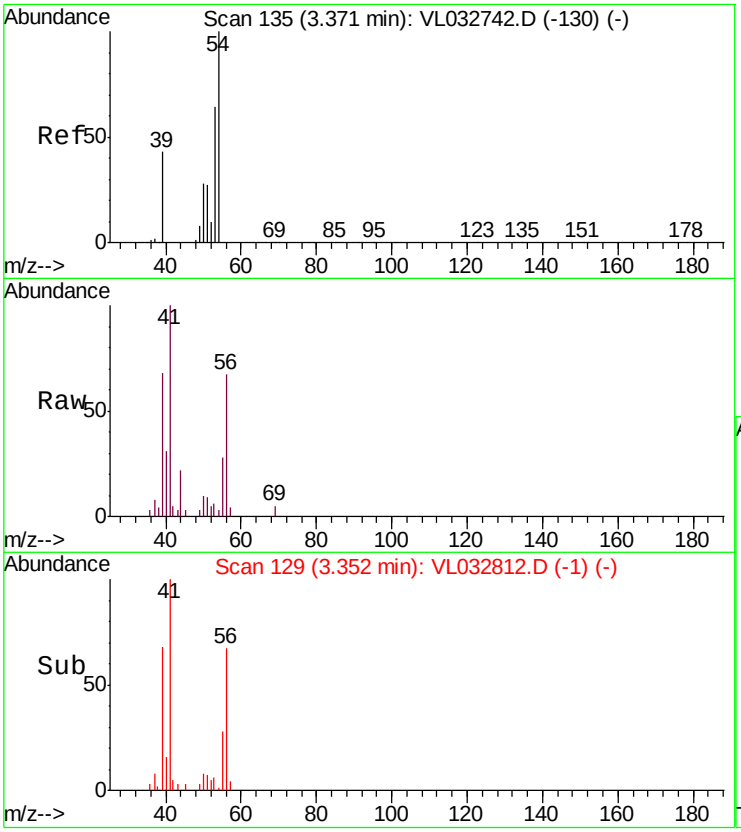


#15
Acetone
Concen: 3.528 ppbv
RT: 3.91 min Scan# 303
Delta R.T. 0.00 min
Lab File: VL032812.D
Acq: 27 Nov 2018 18:13

Tgt Ion: 43 Resp: 424926

Ion	Ratio	Lower	Upper
43	100		
58	24.0	21.1	31.7



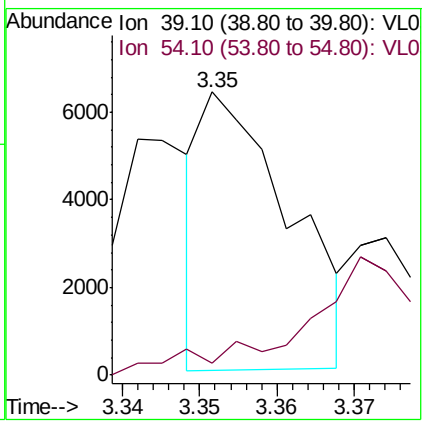


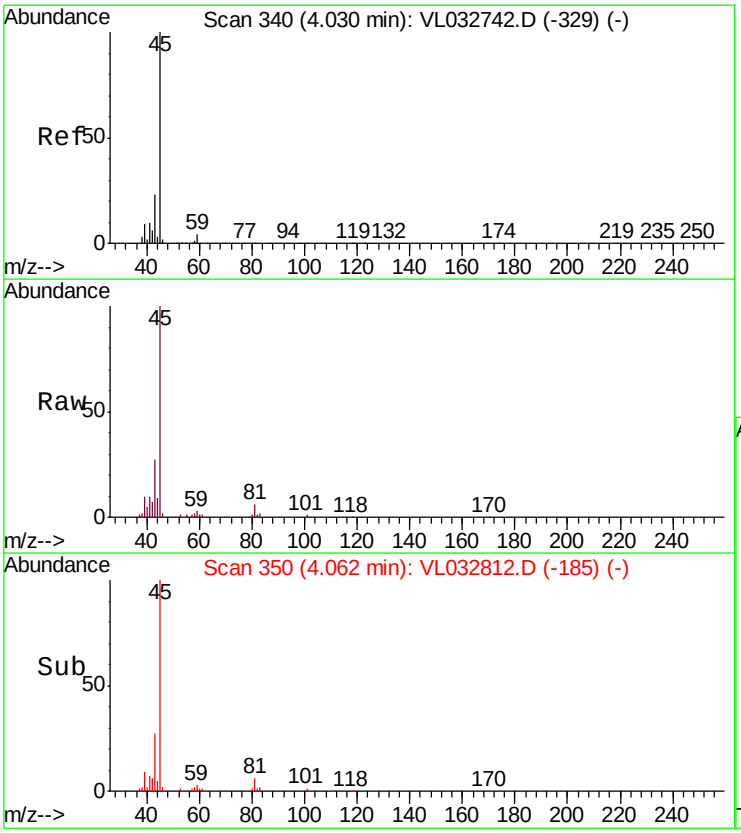
#16
1,3-Butadiene
Concen: 0.108 ppbv
RT: 3.35 min Scan# 129
Delta R.T. -0.02 min
Lab File: VL032812.D
Acq: 27 Nov 2018 18:13

Instrument : MSVOA_L
ClientSampleId : EP2-OA-01

Tgt Ion: 39 Resp: 5023

Ion	Ratio	Lower	Upper
39	100		
54	75.2	68.9	103.3

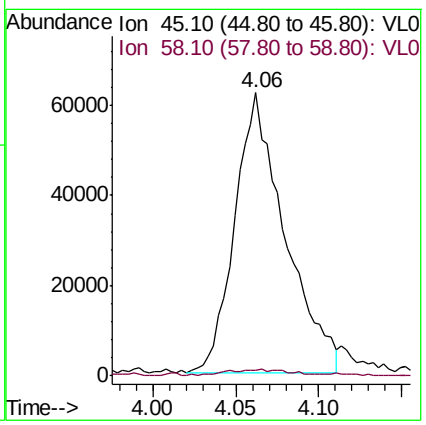


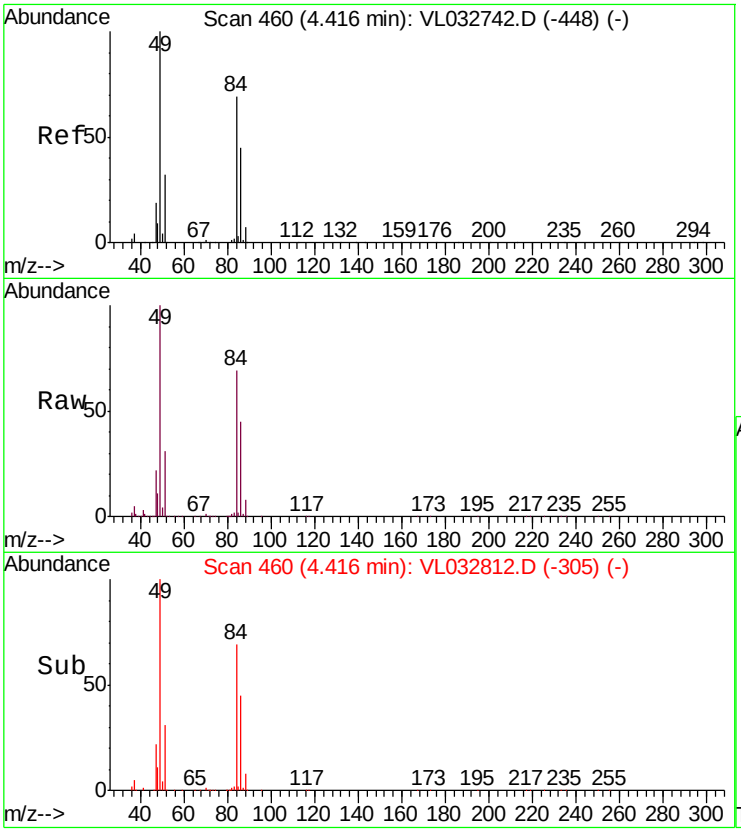


#19
Isopropyl Alcohol
Concen: 1.636 ppbv
RT: 4.06 min Scan# 350
Delta R.T. 0.03 min
Lab File: VL032812.D
Acq: 27 Nov 2018 18:13

Tgt Ion: 45 Resp: 131284

Ion	Ratio	Lower	Upper
45	100		
58	3.4	1.4	2.0#



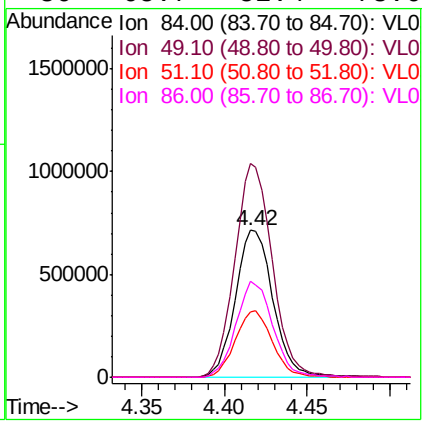


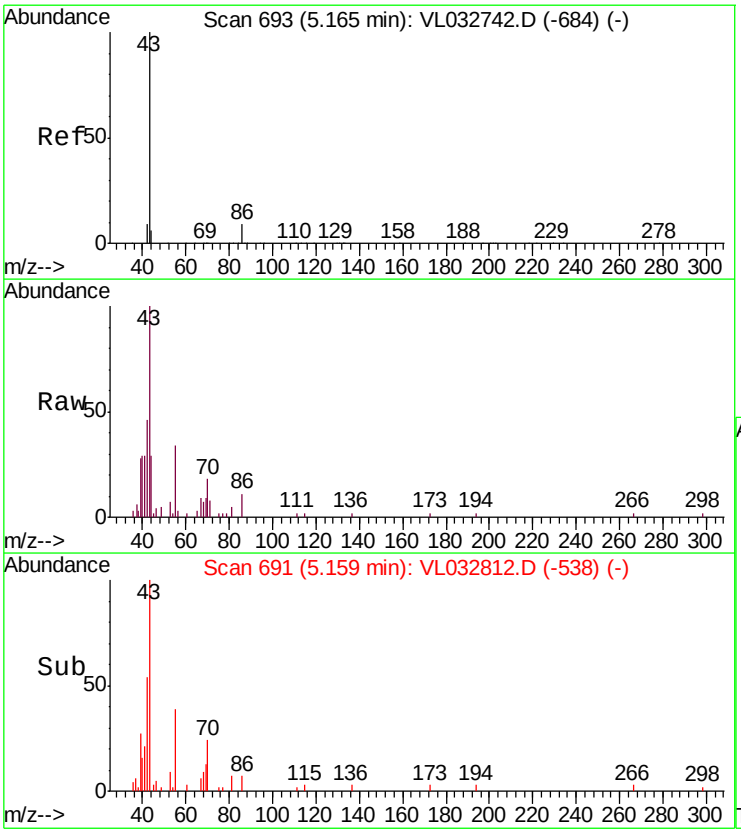
#20
Methylene Chloride
Concen: 18.114 ppbv
RT: 4.42 min Scan# 460
Delta R.T. -0.00 min
Lab File: VL032812.D
Acq: 27 Nov 2018 18:13

Instrument : MSVOA_L
ClientSampleId : EP2-OA-01

Tgt Ion: 84 Resp: 1129340

Ion	Ratio	Lower	Upper
84	100		
49	145.4	115.8	173.6
51	44.5	36.9	55.3
86	65.7	52.4	78.6

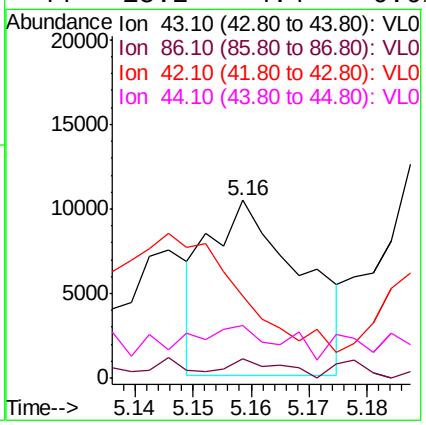


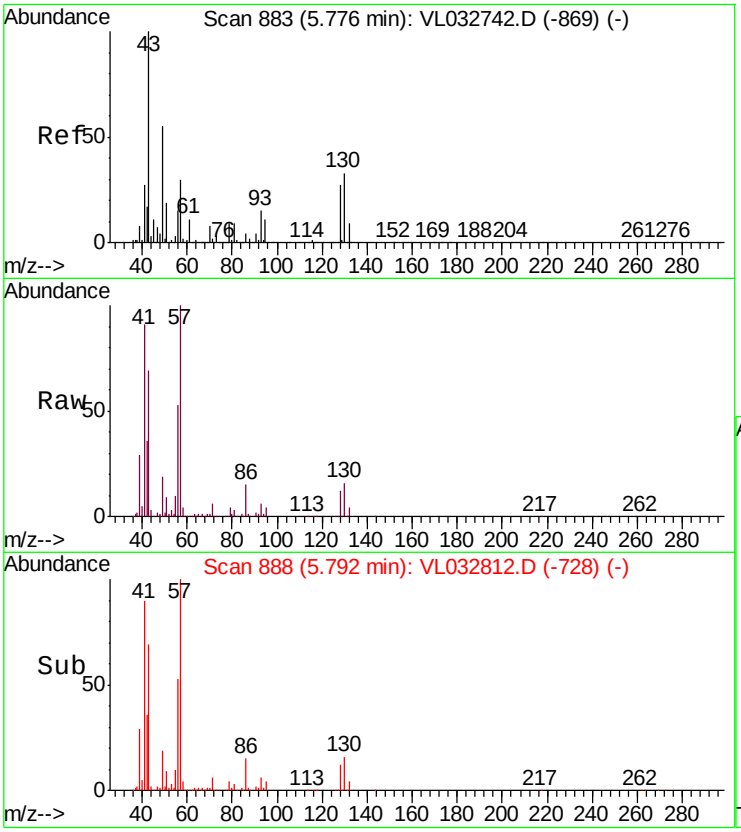


#23
Vinyl Acetate
Concen: 0.052 ppbv
RT: 5.16 min Scan# 691
Delta R.T. -0.01 min
Lab File: VL032812.D
Acq: 27 Nov 2018 18:13

Tgt Ion: 43 Resp: 11476

Ion	Ratio	Lower	Upper
43	100		
86	14.0	6.2	9.4#
42	66.9	7.8	11.6#
44	15.2	4.4	6.6#



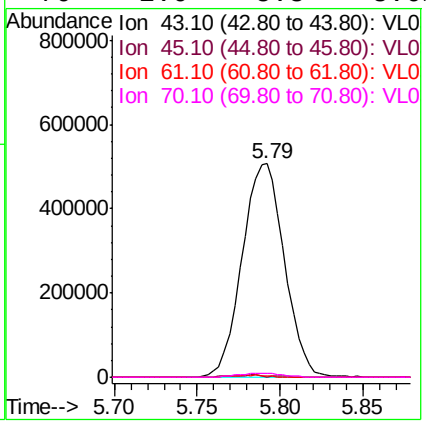


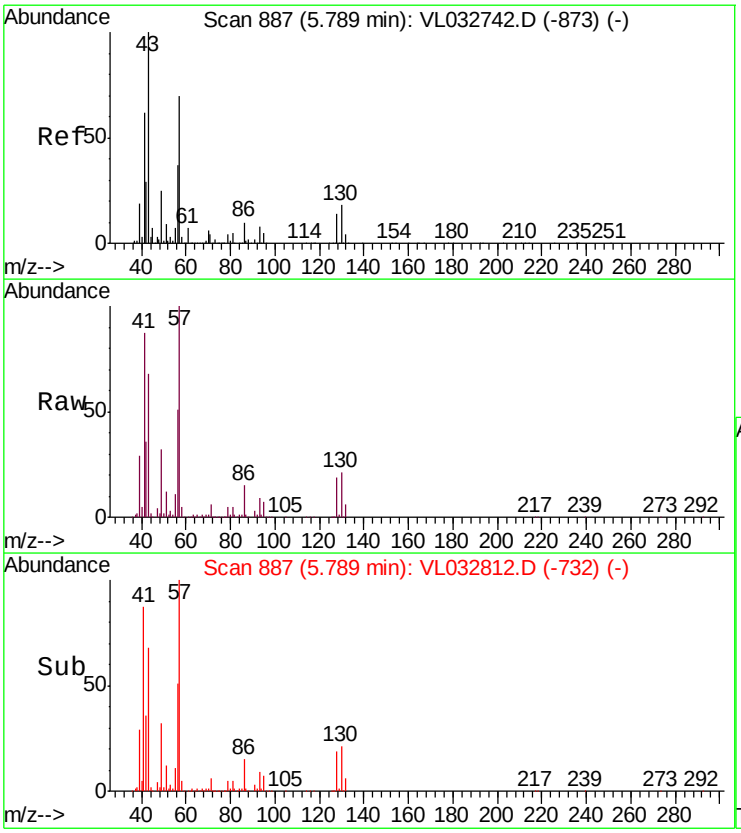
#25
Ethyl Acetate
Concen: 3.184 ppbv
RT: 5.79 min Scan# 888
Delta R.T. 0.02 min
Lab File: VL032812.D
Acq: 27 Nov 2018 18:13

Instrument : MSVOA_L
ClientSampleId : EP2-OA-01

Tgt Ion: 43 Resp: 893698

Ion	Ratio	Lower	Upper
43	100		
45	1.0	7.9	11.9#
61	0.8	7.8	11.6#
70	2.0	5.8	8.6#

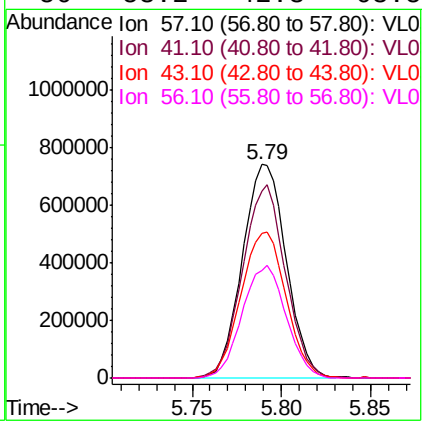


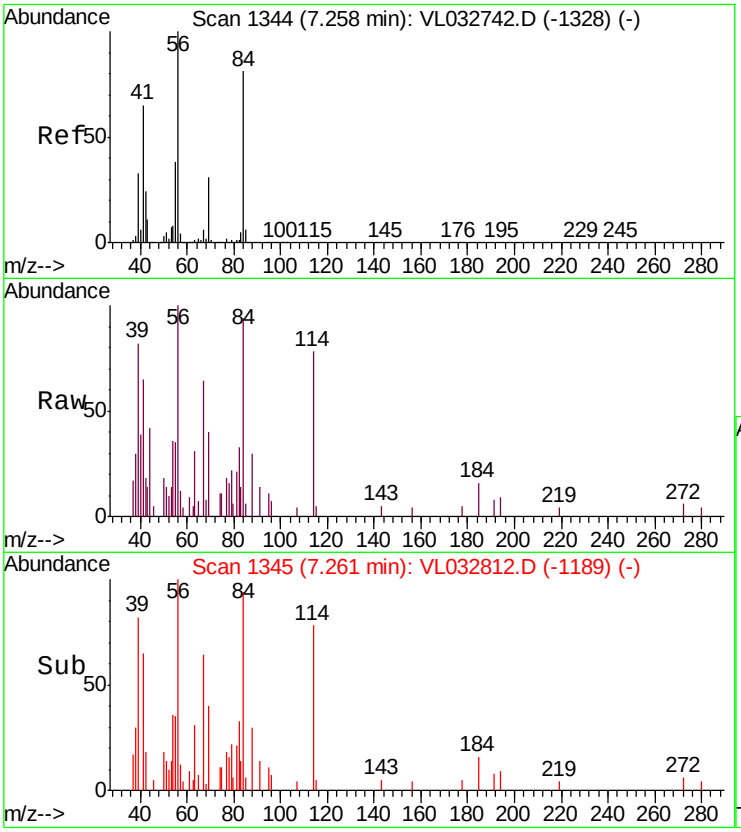


#26
Hexane
Concen: 10.209 ppbv
RT: 5.79 min Scan# 887
Delta R.T. -0.00 min
Lab File: VL032812.D
Acq: 27 Nov 2018 18:13

Tgt Ion: 57 Resp: 1275587

Ion	Ratio	Lower	Upper
57	100		
41	88.8	70.3	105.5
43	70.6	174.0	261.0#
56	53.2	42.3	63.5



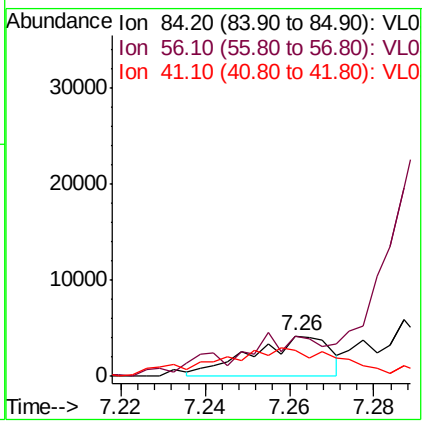


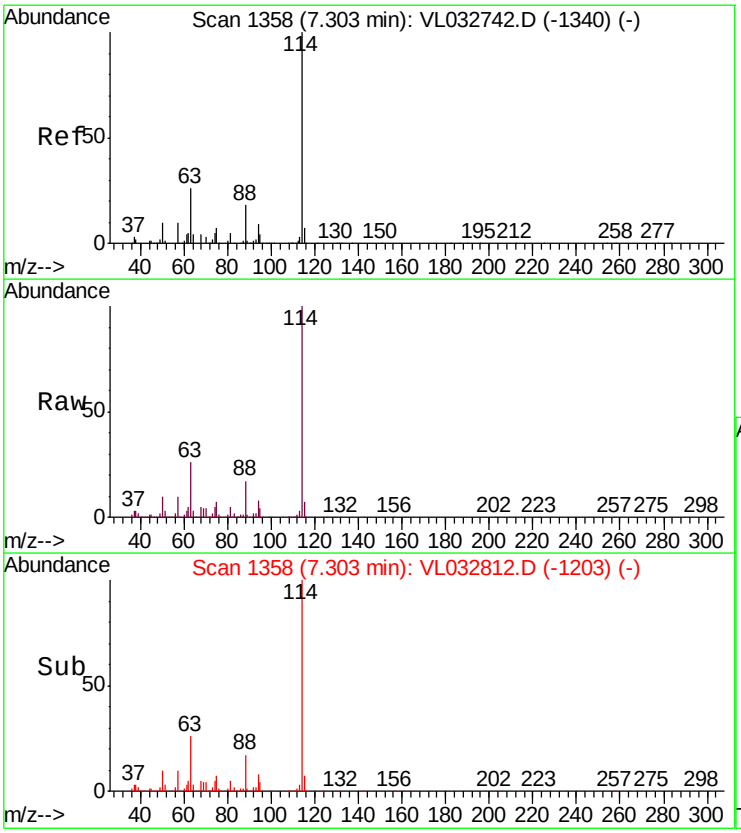
#30
Cyclohexane
Concen: 0.049 ppbv
RT: 7.26 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VL032812.D
Acq: 27 Nov 2018 18:13

Instrument : MSVOA_L
ClientSampleId : EP2-OA-01

Tgt Ion: 84 Resp: 5399

Ion	Ratio	Lower	Upper
84	100		
56	0.0	105.0	157.4#
41	137.0	65.3	97.9#

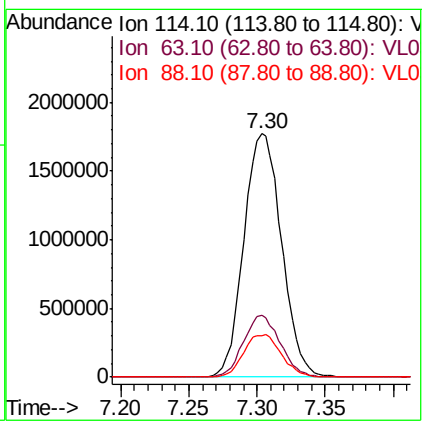


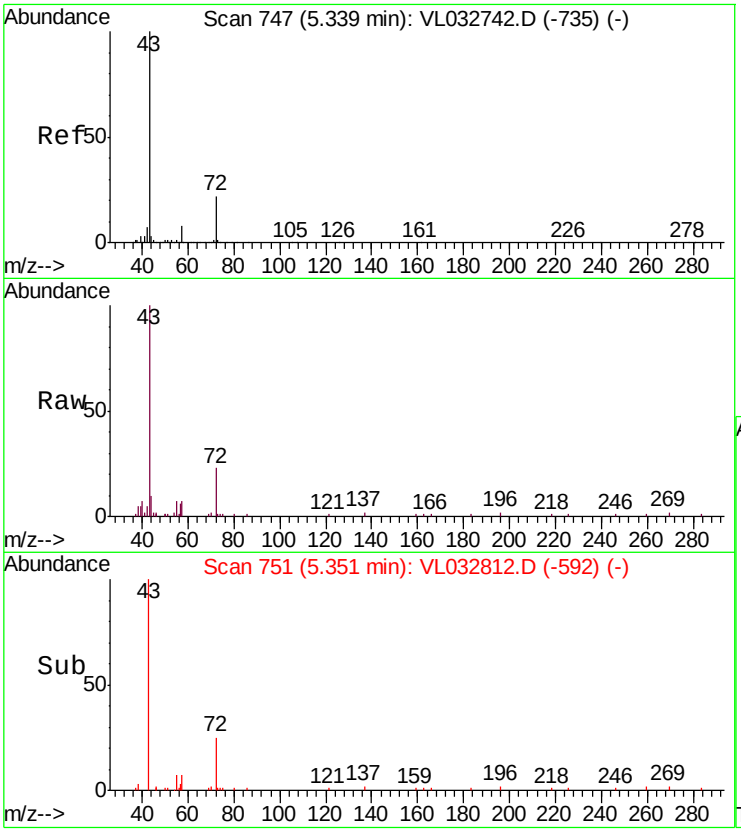


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1358
Delta R.T. -0.00 min
Lab File: VL032812.D
Acq: 27 Nov 2018 18:13

Tgt Ion:114 Resp: 3403685

Ion	Ratio	Lower	Upper
114	100		
63	24.9	20.9	31.3
88	17.6	14.4	21.6



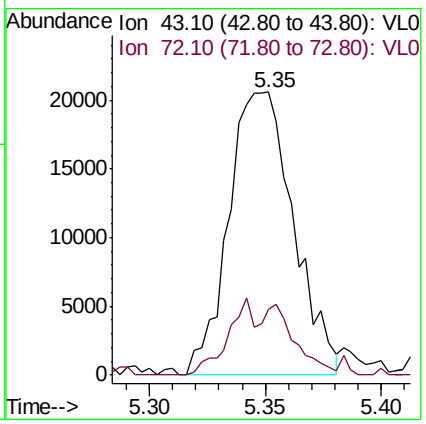


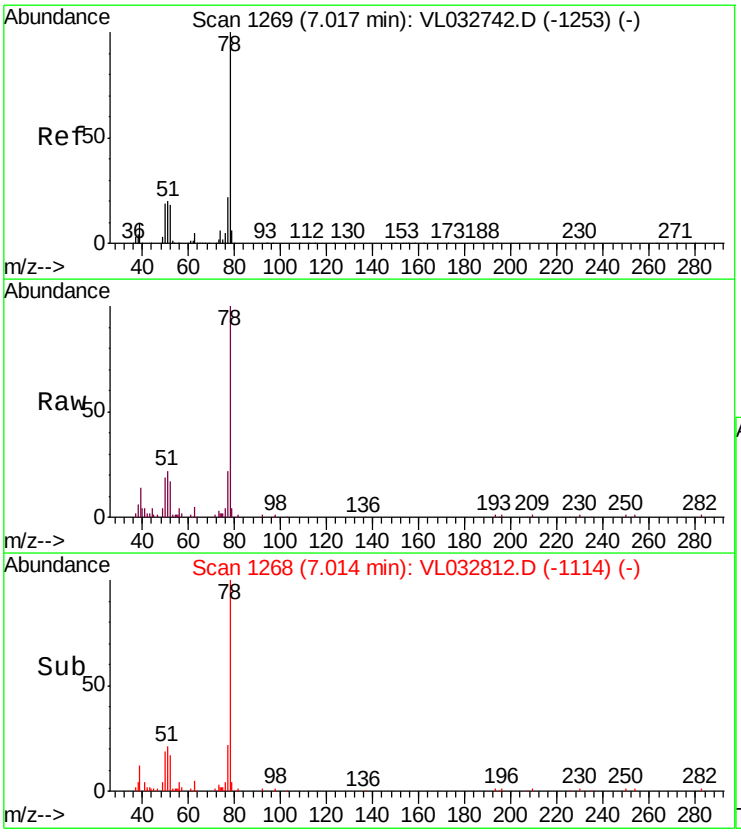
#34
2-Butanone
Concen: 0.227 ppbv
RT: 5.35 min Scan# 751
Delta R.T. 0.01 min
Lab File: VL032812.D
Acq: 27 Nov 2018 18:13

Instrument : MSVOA_L
ClientSampleId : EP2-OA-01

Tgt Ion: 43 Resp: 40034

Ion	Ratio	Lower	Upper
43	100		
72	25.1	18.4	27.6

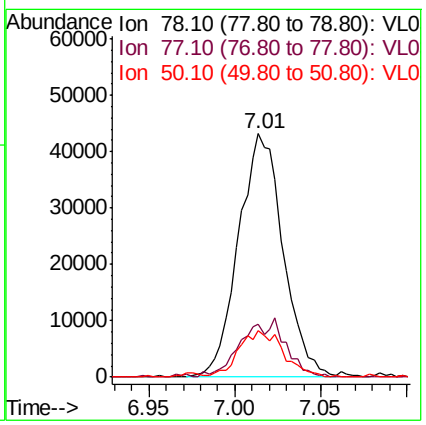


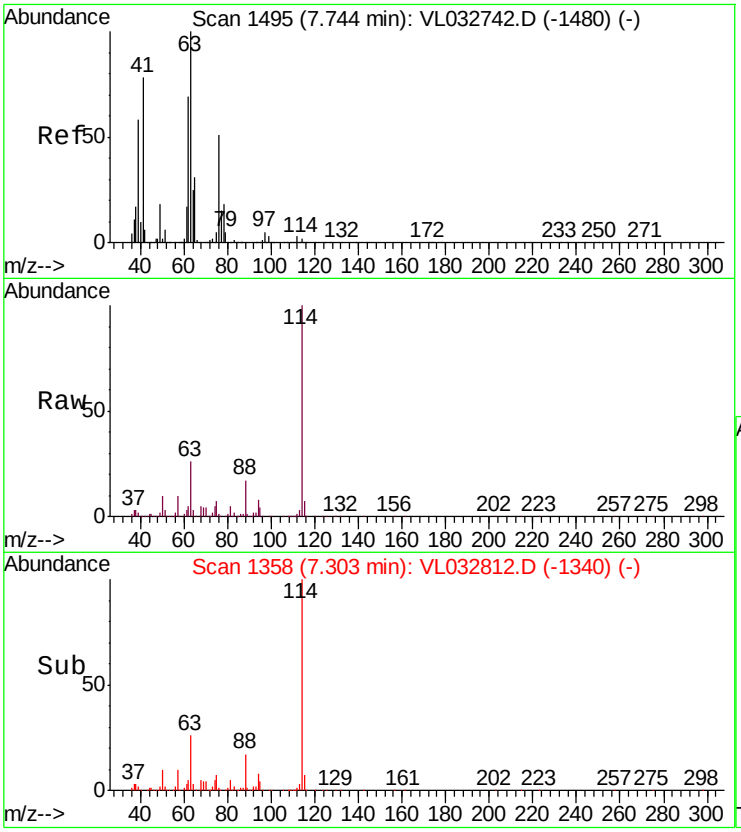


#36
Benzene
Concen: 0.287 ppbv
RT: 7.01 min Scan# 1268
Delta R.T. -0.00 min
Lab File: VL032812.D
Acq: 27 Nov 2018 18:13

Tgt Ion: 78 Resp: 77848

Ion	Ratio	Lower	Upper
78	100		
77	21.7	17.8	26.8
50	18.3	15.4	23.0



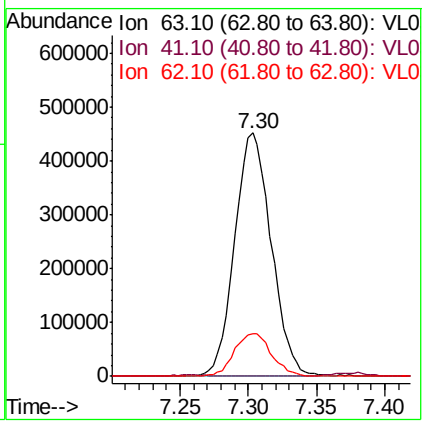


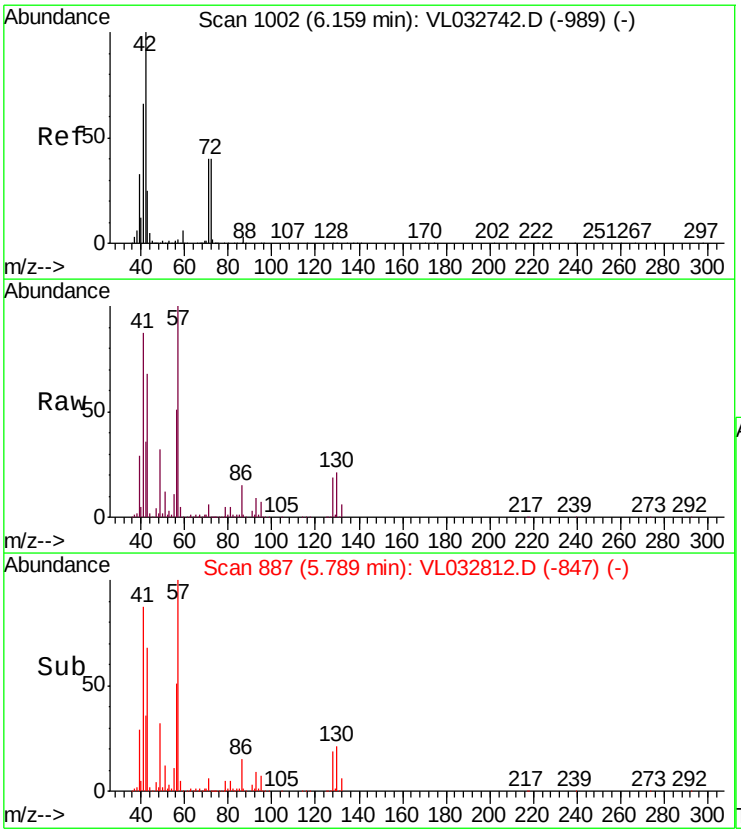
#39
1,2-Dichloropropane
Concen: 8.170 ppbv
RT: 7.30 min Scan# 1358
Delta R.T. -0.44 min
Lab File: VL032812.D
Acq: 27 Nov 2018 18:13

Instrument :
MSVOA_L
ClientSampleId :
EP2-OA-01

Tgt Ion: 63 Resp: 843699

Ion	Ratio	Lower	Upper
63	100		
41	0.0	62.0	93.0#
62	17.7	55.4	83.2#

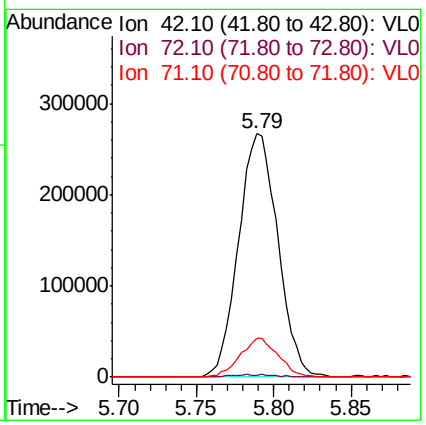


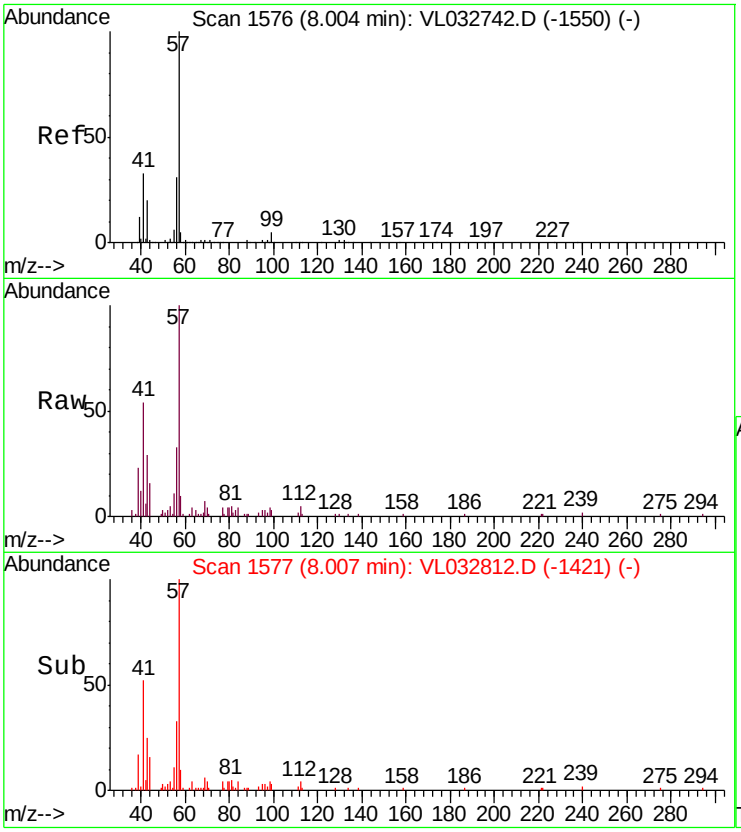


#41
Tetrahydrofuran
Concen: 4.654 ppbv
RT: 5.79 min Scan# 887
Delta R.T. -0.37 min
Lab File: VL032812.D
Acq: 27 Nov 2018 18:13

Tgt Ion: 42 Resp: 471324

Ion	Ratio	Lower	Upper
42	100		
72	1.1	32.4	48.6#
71	15.6	31.6	47.4#



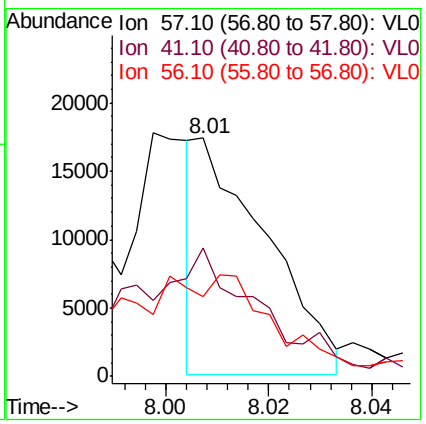


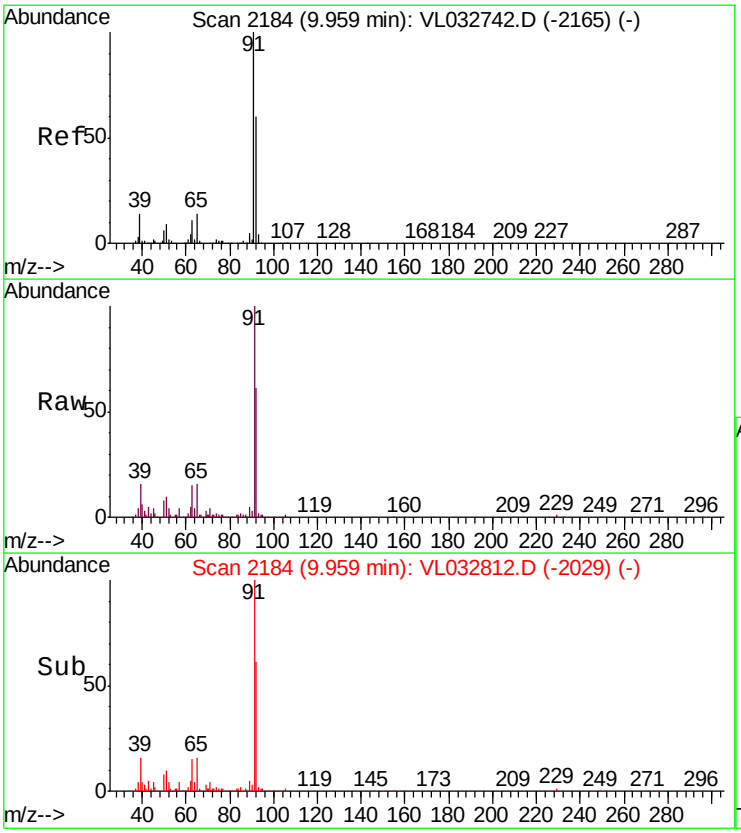
#44
2,2,4-Trimethylpentane
Concen: 0.036 ppbv
RT: 8.01 min Scan# 1577
Delta R.T. 0.00 min
Lab File: VL032812.D
Acq: 27 Nov 2018 18:13

Instrument :
MSVOA_L
ClientSampleId :
EP2-OA-01

Tgt Ion: 57 Resp: 16237

Ion	Ratio	Lower	Upper
57	100		
41	124.6	26.6	39.8#
56	109.5	24.8	37.2#

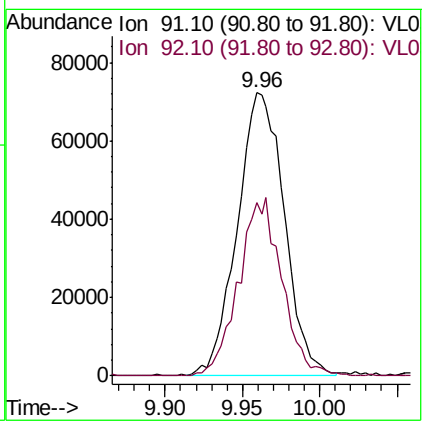


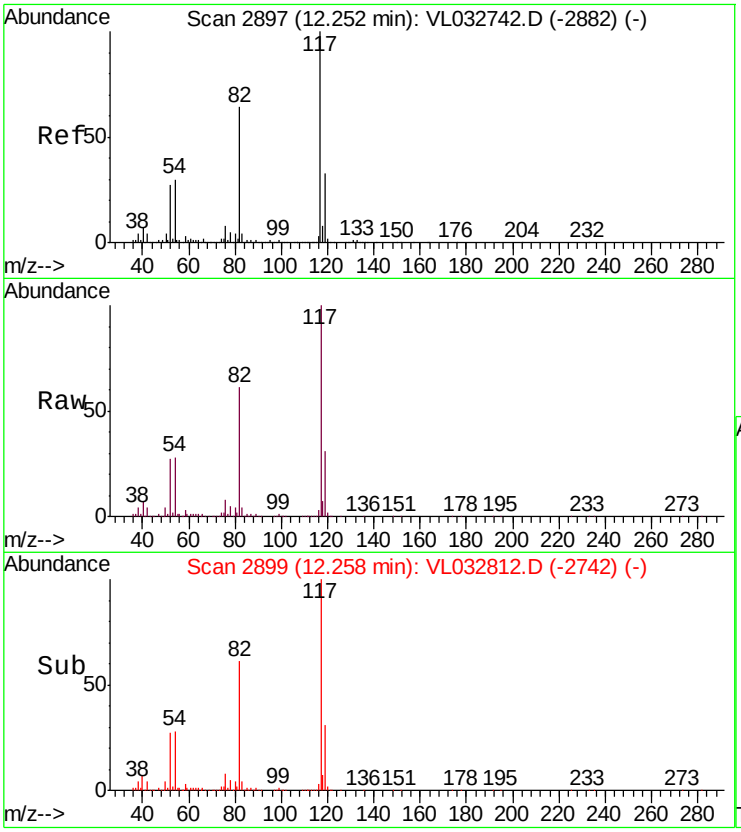


#53
Toluene
Concen: 0.536 ppbv
RT: 9.96 min Scan# 2184
Delta R.T. -0.00 min
Lab File: VL032812.D
Acq: 27 Nov 2018 18:13

Tgt Ion: 91 Resp: 151619

Ion	Ratio	Lower	Upper
91	100		
92	58.2	47.9	71.9



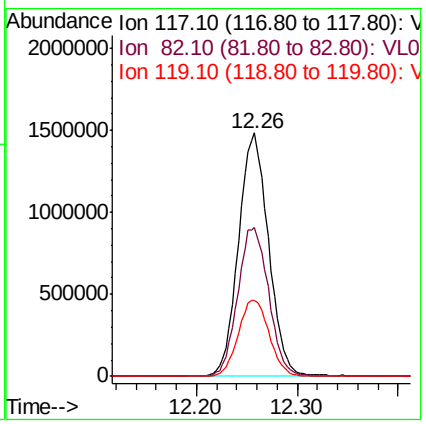


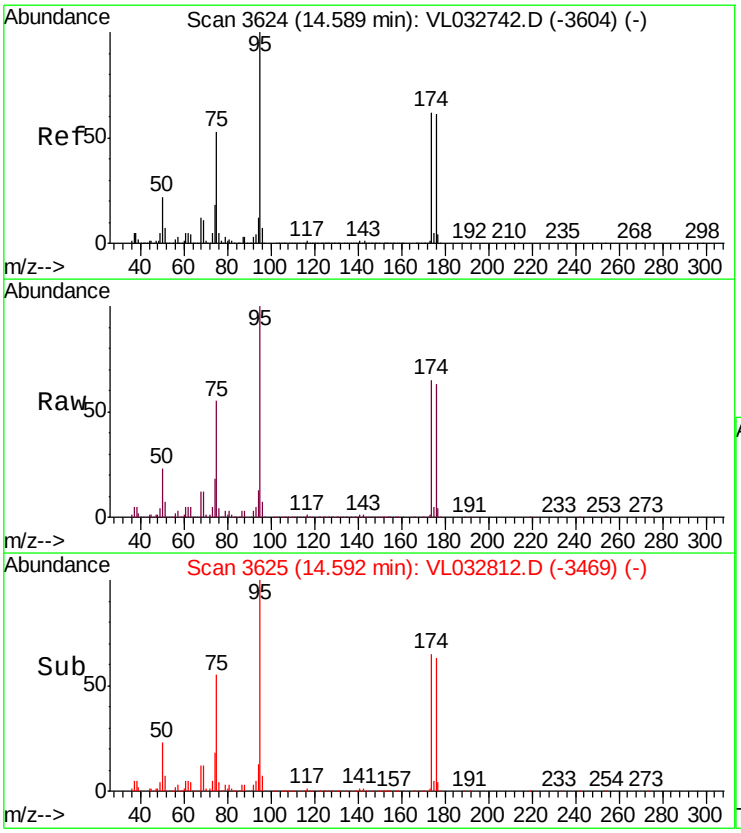
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.26 min Scan# 2899
Delta R.T. 0.01 min
Lab File: VL032812.D
Acq: 27 Nov 2018 18:13

Instrument :
MSVOA_L
ClientSampleId :
EP2-OA-01

Tgt Ion:117 Resp: 3054860

Ion	Ratio	Lower	Upper
117	100		
82	63.5	51.0	76.6
119	32.4	28.0	42.0

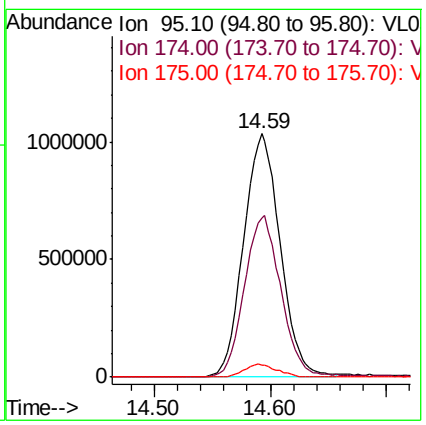


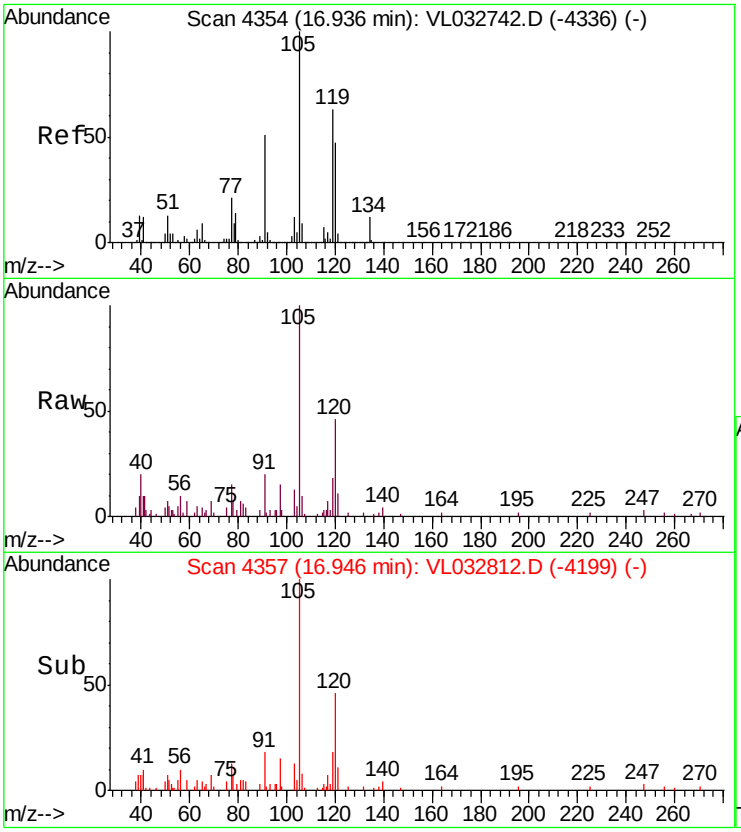


#68
1-Bromo-4-Fluorobenzene
Concen: 9.939 ppbv
RT: 14.59 min Scan# 3625
Delta R.T. 0.00 min
Lab File: VL032812.D
Acq: 27 Nov 2018 18:13

Tgt Ion: 95 Resp: 2270965

Ion	Ratio	Lower	Upper
95	100		
174	67.2	50.7	76.1
175	4.9	3.8	5.6





#74
1,2,4-Trimethylbenzene
Concen: 0.077 ppbv
RT: 16.95 min Scan# 4357
Delta R.T. 0.01 min
Lab File: VL032812.D
Acq: 27 Nov 2018 18:13

Instrument :
MSVOA_L
ClientSampleId :
EP2-OA-01

Tgt Ion:105 Resp: 28966

Ion	Ratio	Lower	Upper
105	100		
120	43.4	37.6	56.4
91	20.8	42.5	63.7#
77	11.6	17.4	26.2#