Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032719\
Data File : VL033483.D
Acq On : 28 Mar 2019 00:51
Operator : SY/AP
Sample : K1991-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Mar 28 07:31:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 26 16:00:50 2019
QLast Update : Tue Mar 26 16:00:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.75	49	715514	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.28	114	1734026	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.24	117	1814547	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.57	95	1453033	10.21	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.07	85	30254	0.290	ppbv		93
3) Chlorodifluoromethane	3.01	51	36870	0.448	ppbv	#	81
4) Chloromethane	3.16	50	2727	0.063	ppbv		99
7) Chloroethane	3.60	64	1426	0.089	ppbv	#	69
9) Propene	3.23	41	302717	8.751	ppbv		98
10) Heptane	8.25	43	1505305	16.279	ppbv		100
11) Trichlorofluoromethane	4.00	101	31353	0.244	ppbv		96
12) 1,1,2-Trichlorotrifluoroet	4.54	101	3420	0.040	ppbv	#	14
13) Ethanol	3.64	45	315429	35.236	ppbv		67
15) Acetone	3.89	43	968734	11.260	ppbv		90
16) 1,3-Butadiene	3.34	39	21668	0.635	ppbv	#	11
17) tert-Butyl alcohol	4.35	59	32845	2.076	ppbv	#	73
19) Isopropyl Alcohol	4.02	45	95235	1.750	ppbv	#	1
20) Methylene Chloride	4.40	84	197091	5.397	ppbv		94
21) Allyl Chloride	4.35	41	8482	0.156	ppbv	#	12
23) Vinyl Acetate	5.13	43	213561	1.744	ppbv	#	1
25) Ethyl Acetate	5.78	43	998780	6.257	ppbv	#	78
26) Hexane	5.78	57	1425730	20.088	ppbv	#	41
27) Carbon Disulfide	4.61	76	10666	0.126	ppbv	#	61
29) Chloroform	5.84	83	6650	0.055	ppbv		92
30) Cyclohexane	7.25	84	1229245	21.893	ppbv		98
32) 1,1,1-Trichloroethane	6.61	97	2492	0.022	ppbv	#	34
34) 2-Butanone	5.32	43	128340	1.232	ppbv		96
35) Carbon Tetrachloride	7.12	117	3828	0.031	ppbv	#	83
36) Benzene	7.00	78	18274	0.126	ppbv	#	92
37) 1,2-Dichloroethane	6.41	62	3689	0.038	ppbv	#	94
39) 1,2-Dichloropropane	7.29	63	461169	8.091	ppbv	#	23
41) Tetrahydrofuran	6.16	42	6695	0.117	ppbv	#	42
42) Bromodichloromethane	7.91	83	50711	0.382	ppbv	#	27
43) Methyl Methacrylate	8.22	69	7096	0.120	ppbv	#	1
44) 2,2,4-Trimethylpentane	7.99	57	56340	0.222	ppbv	#	1
50) 4-Methyl-2-Pentanone	8.88	43	6815	0.045	ppbv	#	40
51) 2-Hexanone	10.25	43	193330	1.699	ppbv	#	35
52) Tetrachloroethene	11.37	164	2611	0.048	ppbv	#	61
53) Toluene	9.94	91	445358	2.634	ppbv		100
57) Chlorobenzene	12.34	112	140753	0.999	ppbv	#	32
58) Ethyl Benzene	12.86	91	77822	0.321	ppbv		99
59) m/p-Xylene	13.11	91	277948	1.284	ppbv	#	100
60) o-Xylene	13.84	91	88342	0.422	ppbv		99
61) Styrene	13.69	104	3587	0.025	ppbv	#	1
62) Isopropylbenzene	14.82	105	22410	0.076	ppbv	#	85

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032719\
Data File : VL033483.D
Acq On : 28 Mar 2019 00:51
Operator : SY/AP
Sample : K1991-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Mar 28 07:31:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 26 16:00:50 2019
QLast Update : Tue Mar 26 16:00:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
64) n-propylbenzene	15.72	120	5821	0.077	ppbv	#	1
67) sec-Butylbenzene	17.45	105	16329	0.044	ppbv	#	91
72) 4-Ethyltoluene	16.00	105	14416	0.061	ppbv	#	32
73) 1,3,5-Trimethylbenzene	16.15	105	50005	0.222	ppbv		89
74) 1,2,4-Trimethylbenzene	16.92	105	83985	0.348	ppbv	#	62
75) 1,3-Dichlorobenzene	17.30	146	58794	0.394	ppbv		90
76) 1,4-Dichlorobenzene	17.30	146	58794	0.405	ppbv		86

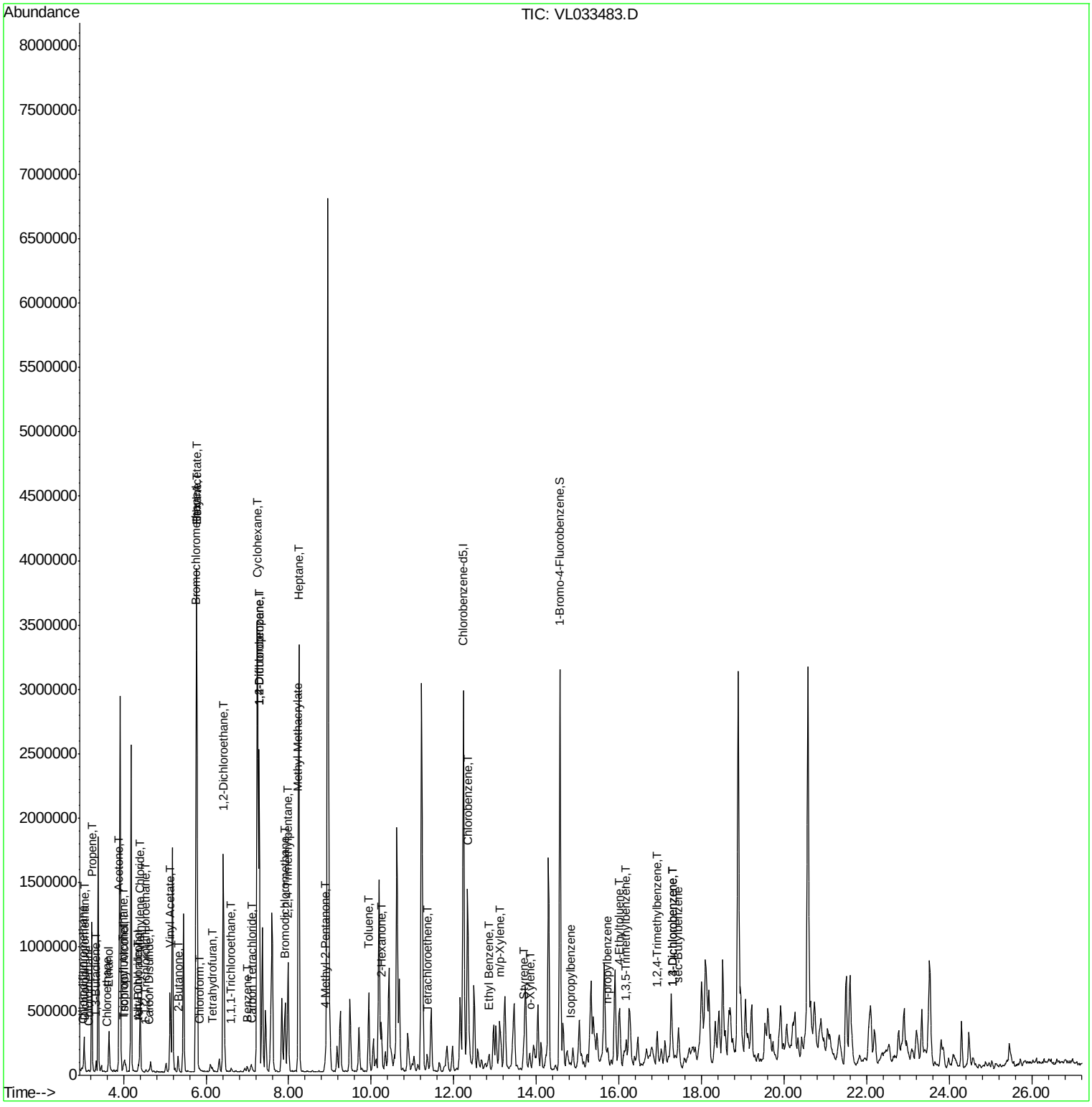
(#) = qualifier out of range (m) = manual integration (+) = signals summed

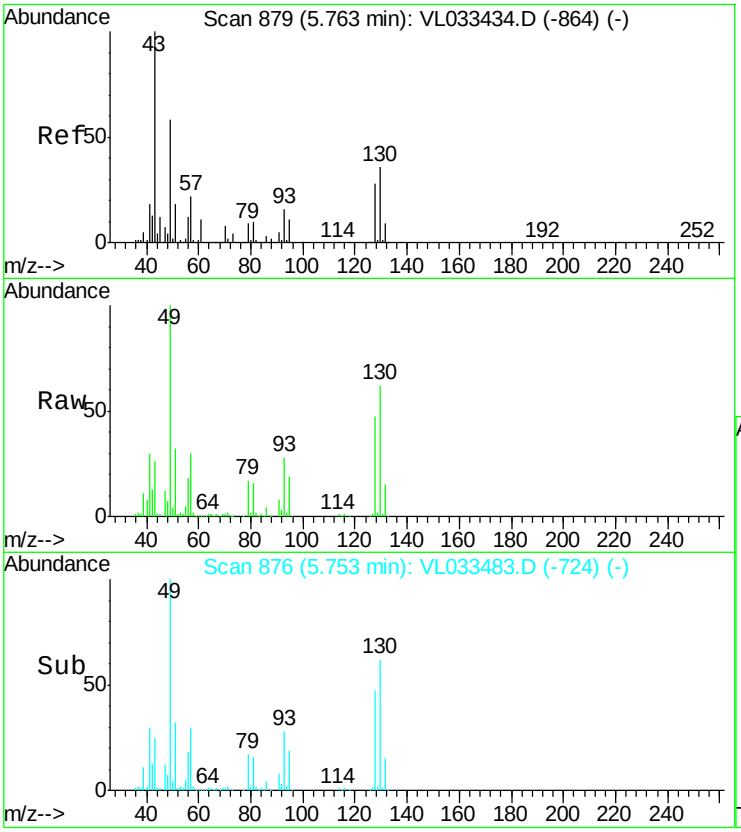
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032719\
Data File : VL033483.D
Acq On : 28 Mar 2019 00:51
Operator : SY/AP
Sample : K1991-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Mar 28 07:31:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 26 16:00:50 2019
QLast Update : Tue Mar 26 16:00:50 2019
Response via : Initial Calibration



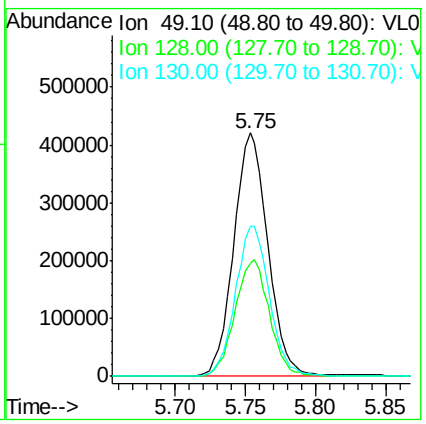


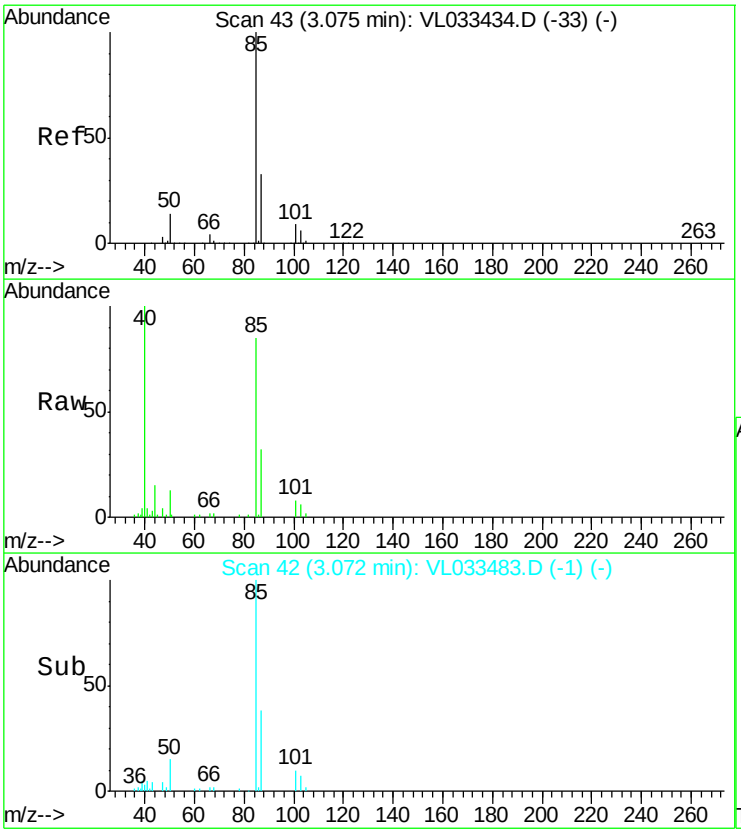
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.75 min Scan# 876
Delta R.T. -0.01 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 715514

Ion	Ratio	Lower	Upper
49	100		
128	48.2	24.0	72.0
130	61.6	31.2	93.6

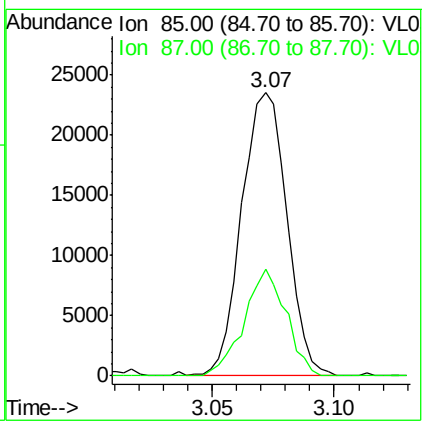


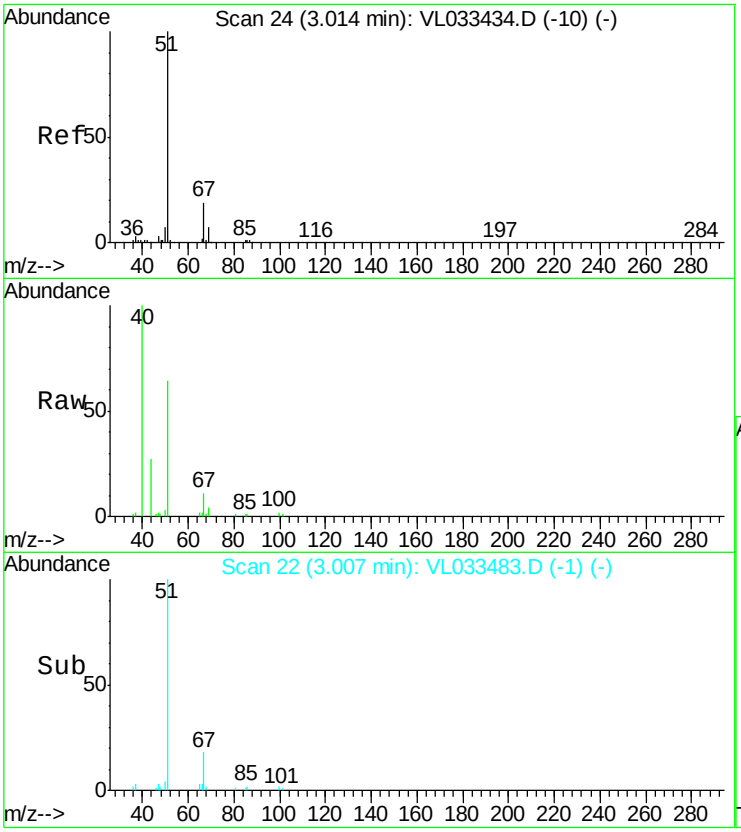


#2
Dichlorodifluoromethane
Concen: 0.290 ppbv
RT: 3.07 min Scan# 42
Delta R.T. -0.00 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Tgt Ion: 85 Resp: 30254

Ion	Ratio	Lower	Upper
85	100		
87	37.6	26.7	40.1



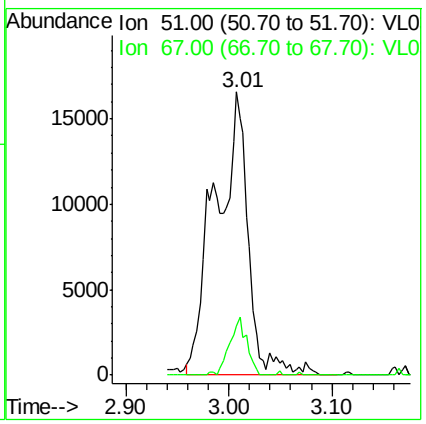


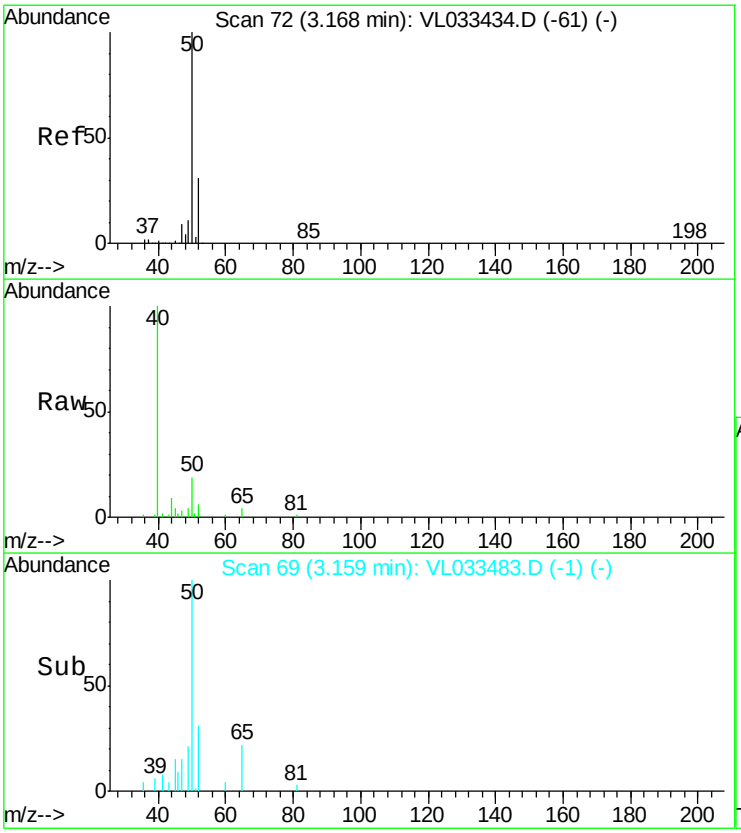
#3
Chlorodifluoromethane
Concen: 0.448 ppbv
RT: 3.01 min Scan# 22
Delta R.T. -0.01 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 36870

Ion	Ratio	Lower	Upper
51	100		
67	10.7	15.7	23.5#

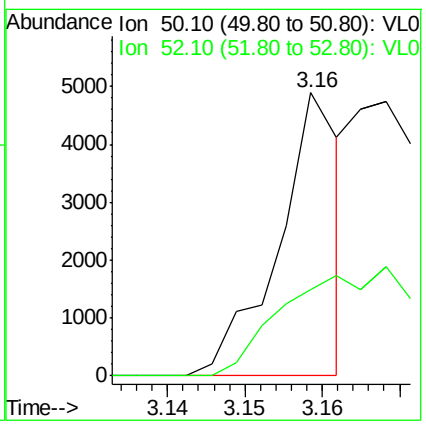


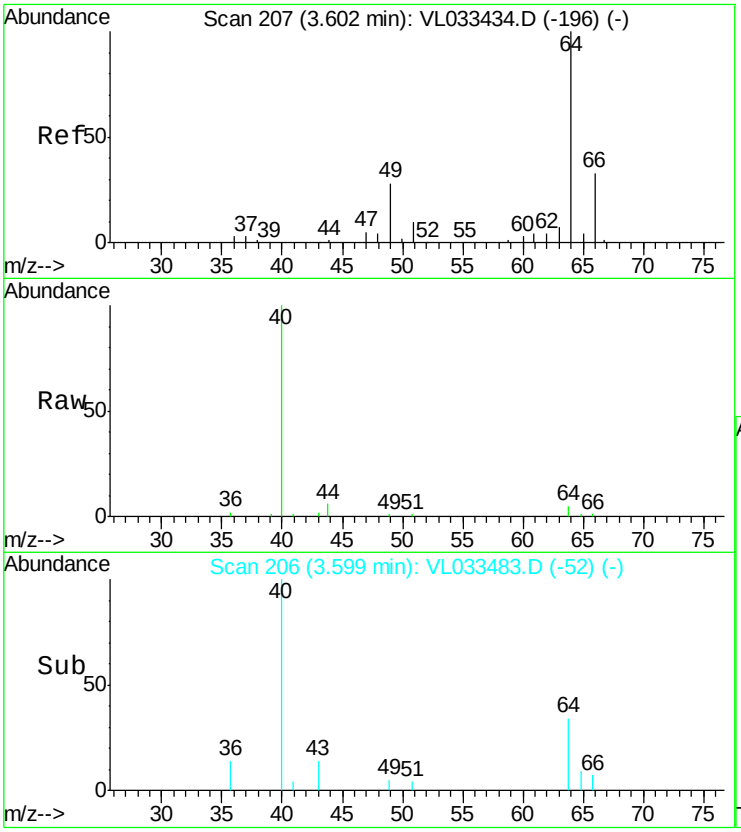


#4
Chloromethane
Concen: 0.063 ppbv
RT: 3.16 min Scan# 69
Delta R.T. -0.01 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Tgt Ion: 50 Resp: 2727

Ion	Ratio	Lower	Upper
50	100		
52	30.6	25.0	37.6



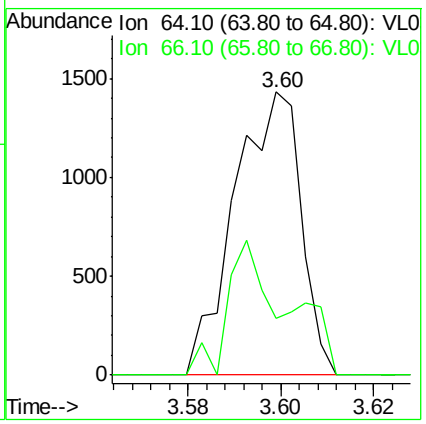


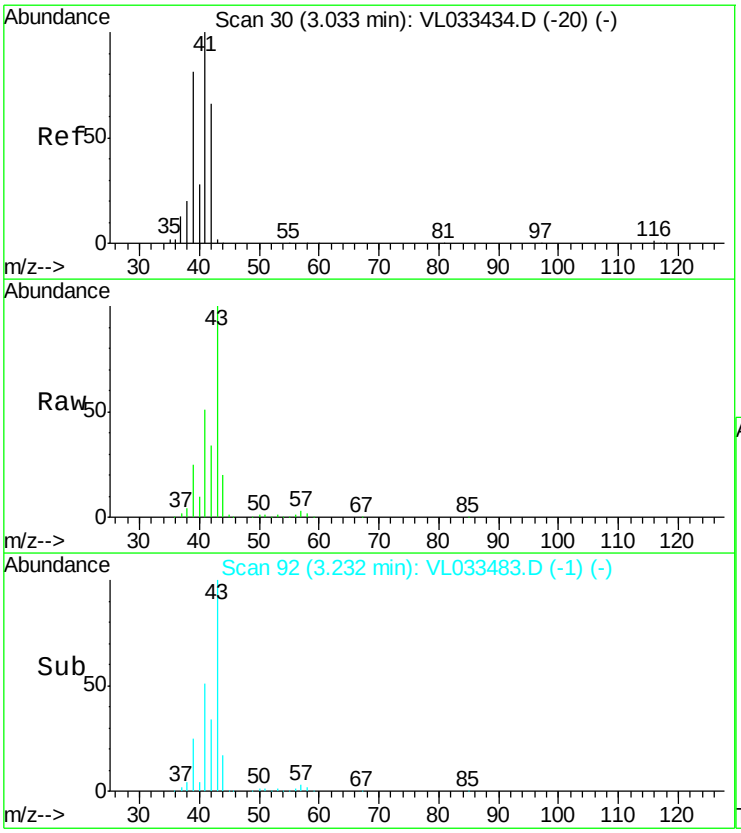
#7
Chloroethane
Concen: 0.089 ppbv
RT: 3.60 min Scan# 206
Delta R.T. -0.00 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 64 Resp: 1426

Ion	Ratio	Lower	Upper
64	100		
66	16.0	26.7	40.1#

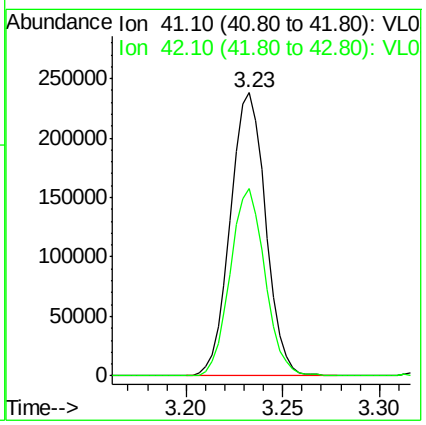


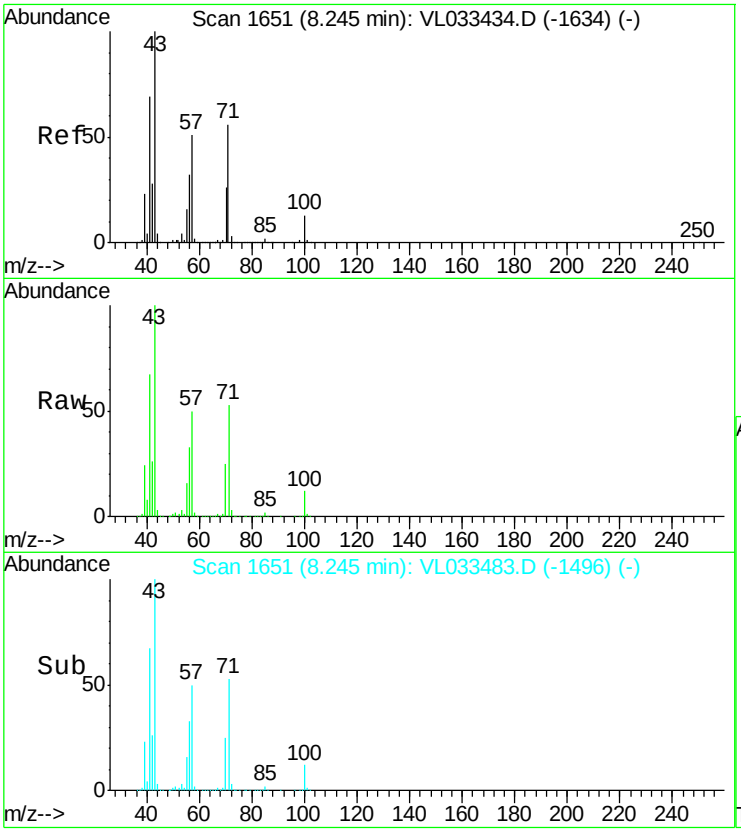


#9
Propene
Concen: 8.751 ppbv
RT: 3.23 min Scan# 92
Delta R.T. 0.20 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Tgt Ion: 41 Resp: 302717

Ion	Ratio	Lower	Upper
41	100		
42	65.6	53.9	80.9



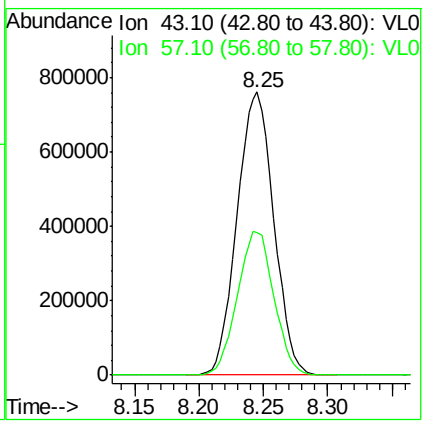


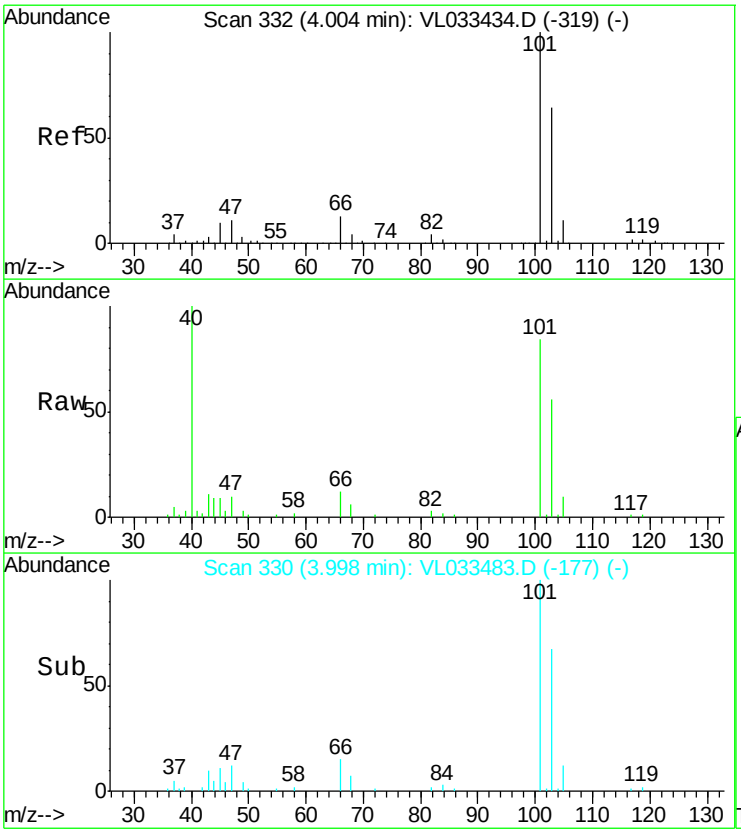
#10
Heptane
Concen: 16.279 ppbv
RT: 8.25 min Scan# 1651
Delta R.T. -0.00 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 1505305

Ion	Ratio	Lower	Upper
43	100		
57	50.6	40.6	60.8

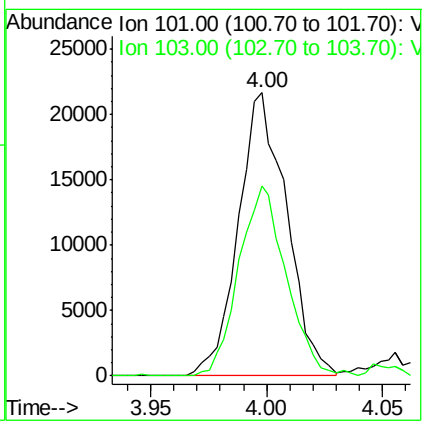


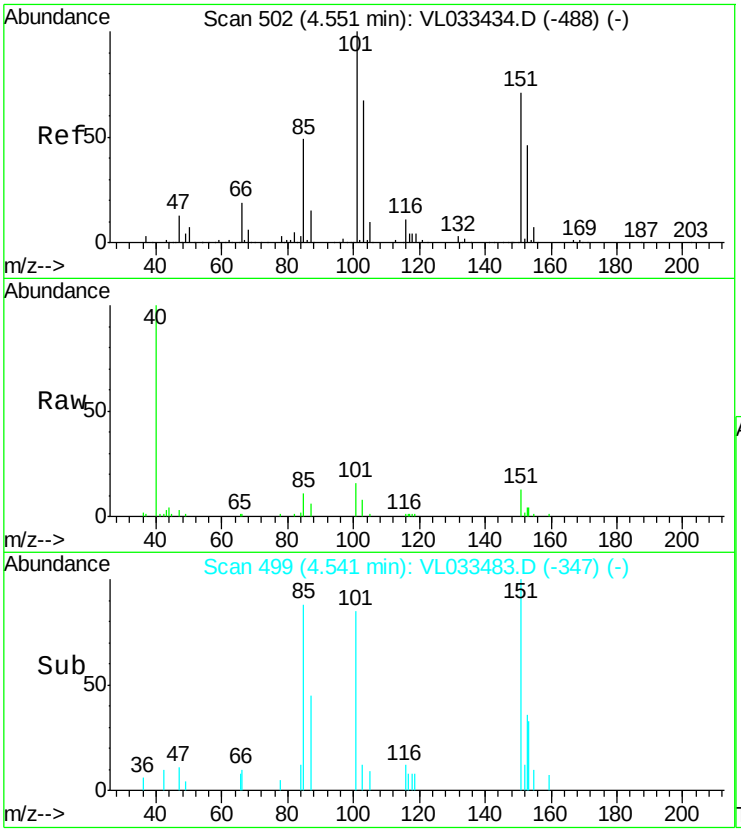


#11
Trichlorofluoromethane
Concen: 0.244 ppbv
RT: 4.00 min Scan# 330
Delta R.T. -0.01 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Tgt Ion:101 Resp: 31353

Ion	Ratio	Lower	Upper
101	100		
103	66.9	51.3	76.9



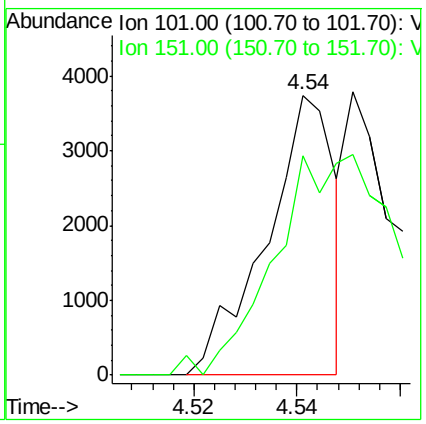


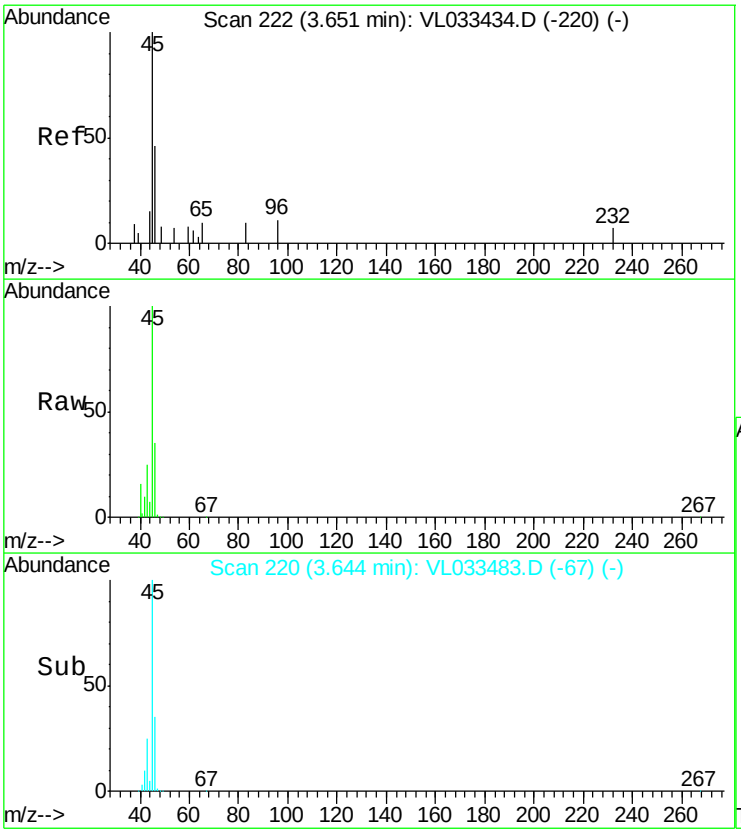
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.040 ppbv
RT: 4.54 min Scan# 499
Delta R.T. -0.01 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 3420

Ion	Ratio	Lower	Upper
101	100		
151	0.0	57.7	86.5#

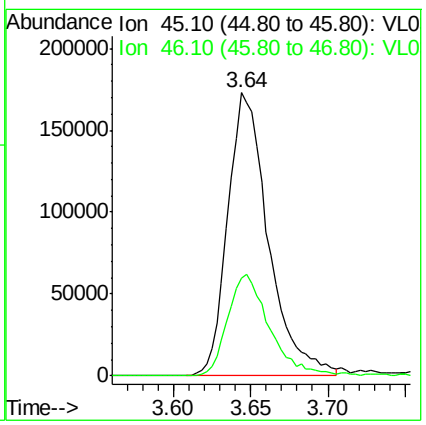


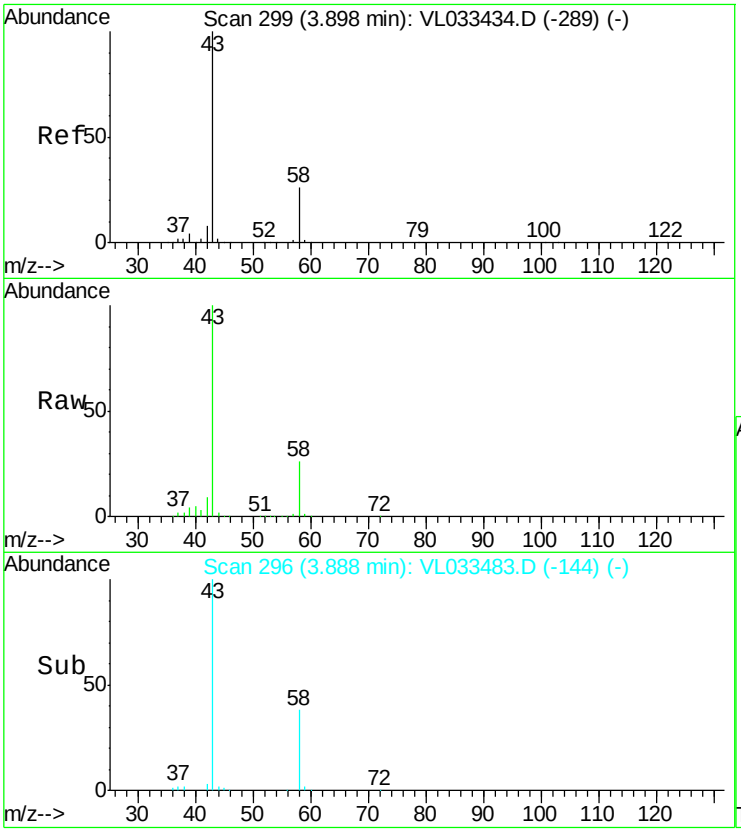


#13
Ethanol
Concen: 35.236 ppbv
RT: 3.64 min Scan# 220
Delta R.T. -0.01 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Tgt Ion: 45 Resp: 315429

Ion	Ratio	Lower	Upper
45	100		
46	37.7	25.4	101.8



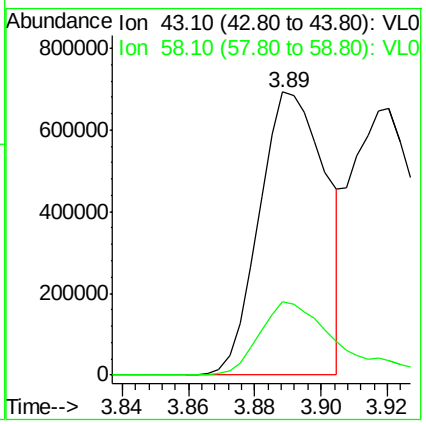


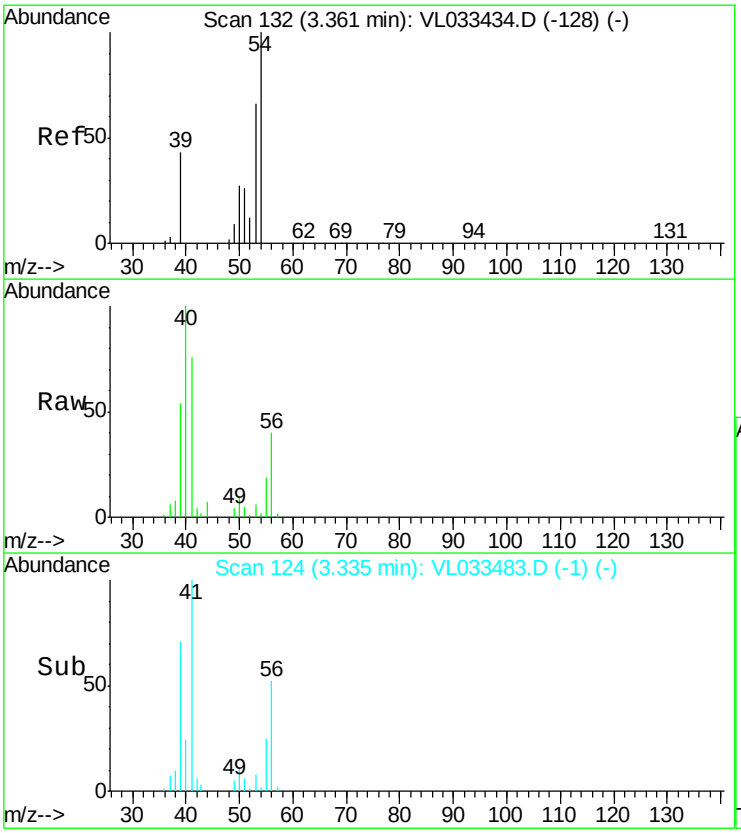
#15
Acetone
Concen: 11.260 ppbv
RT: 3.89 min Scan# 296
Delta R.T. -0.01 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 968734

Ion	Ratio	Lower	Upper
43	100		
58	30.6	20.5	30.7

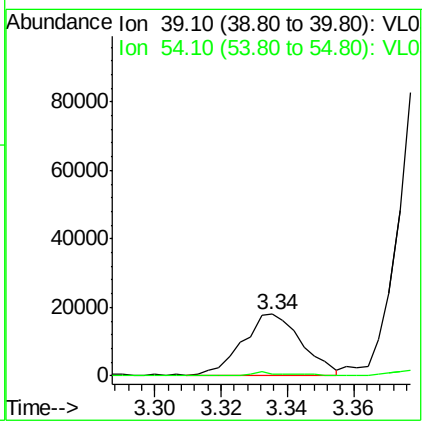


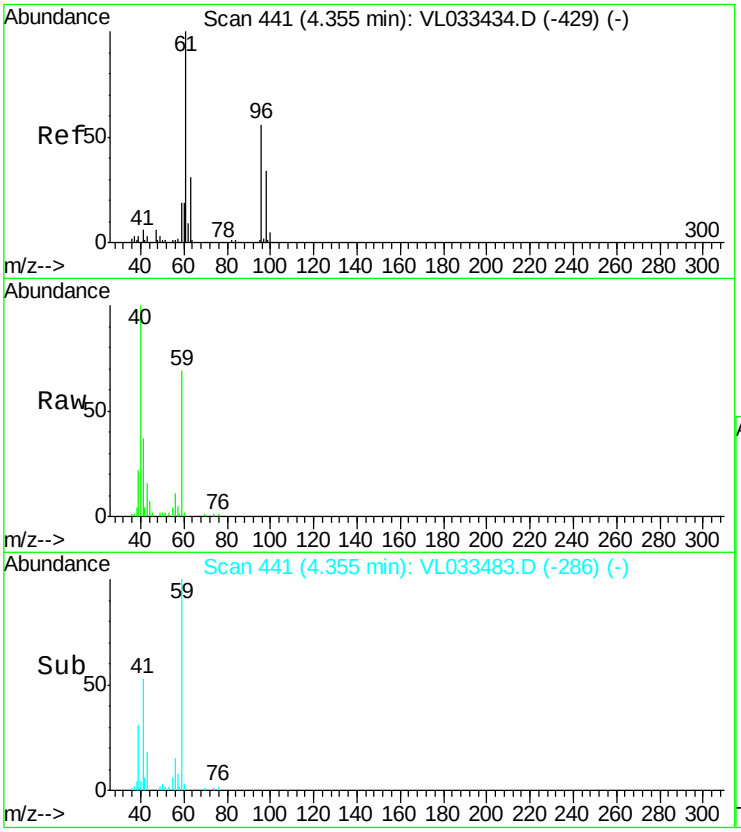


#16
1,3-Butadiene
Concen: 0.635 ppbv
RT: 3.34 min Scan# 124
Delta R.T. -0.03 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Tgt Ion: 39 Resp: 21668

Ion	Ratio	Lower	Upper
39	100		
54	4.8	69.4	104.2#



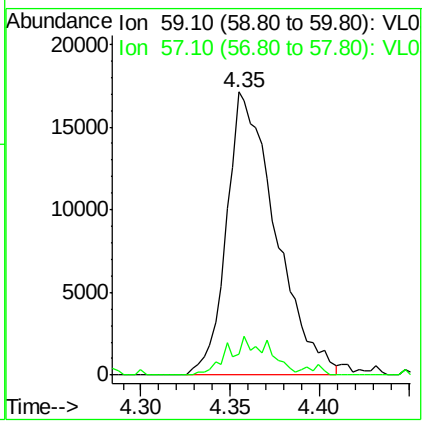


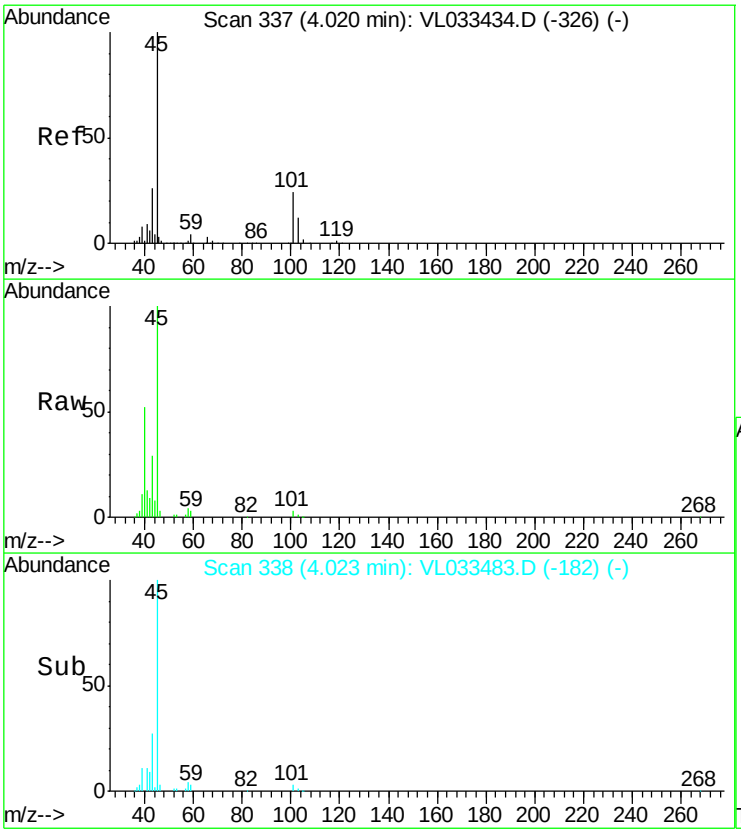
#17
tert-Butyl alcohol
Concen: 2.076 ppbv
RT: 4.35 min Scan# 441
Delta R.T. -0.00 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 59 Resp: 32845

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

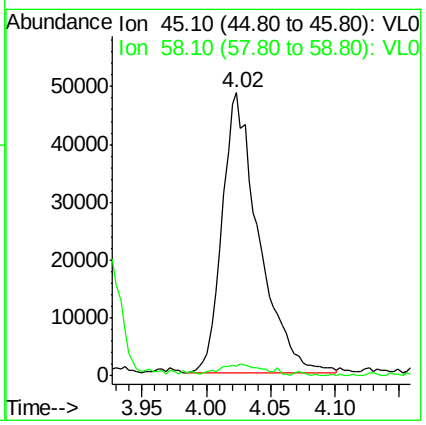


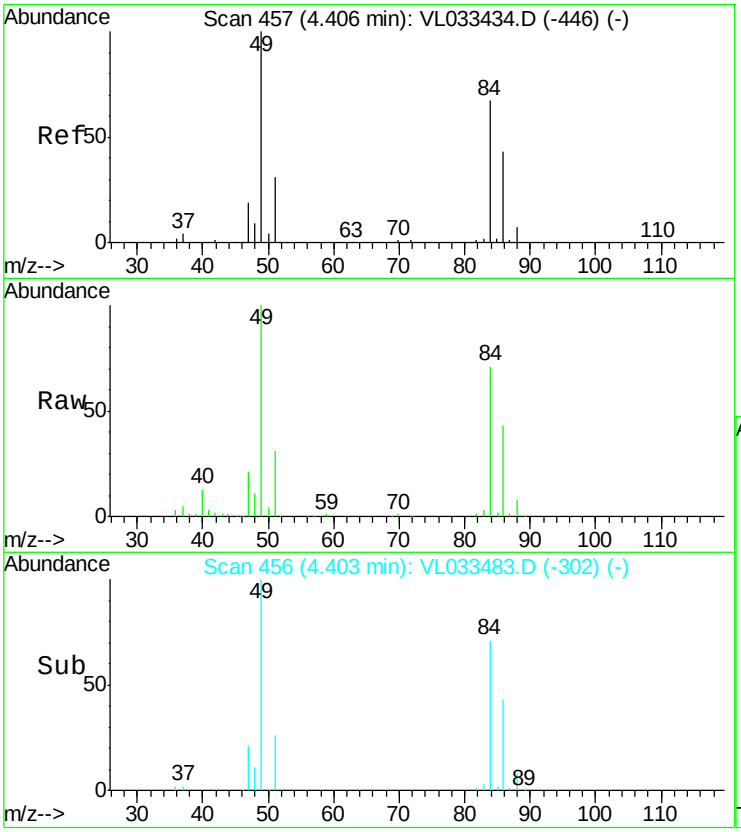


#19
Isopropyl Alcohol
Concen: 1.750 ppbv
RT: 4.02 min Scan# 338
Delta R.T. 0.00 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Tgt Ion: 45 Resp: 95235

Ion	Ratio	Lower	Upper
45	100		
58	311.8	1.4	2.2#



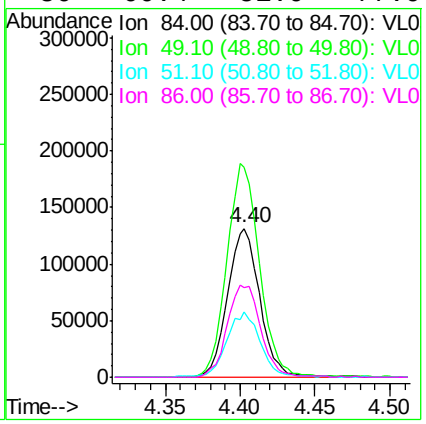


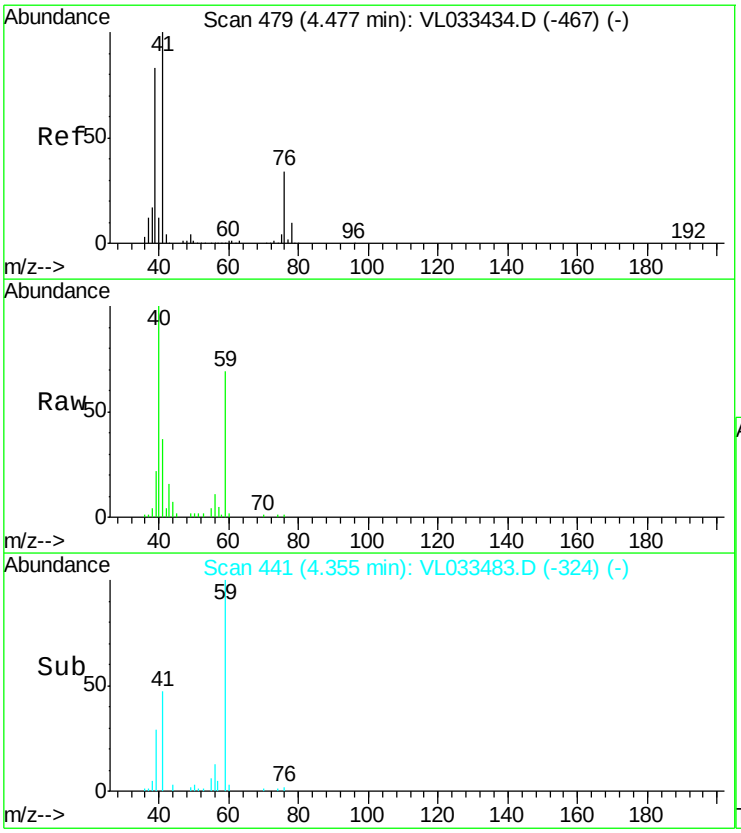
#20
Methylene Chloride
Concen: 5.397 ppbv
RT: 4.40 min Scan# 456
Delta R.T. -0.00 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 197091

Ion	Ratio	Lower	Upper
84	100		
49	141.2	120.0	180.0
51	43.9	36.7	55.1
86	60.4	51.9	77.9

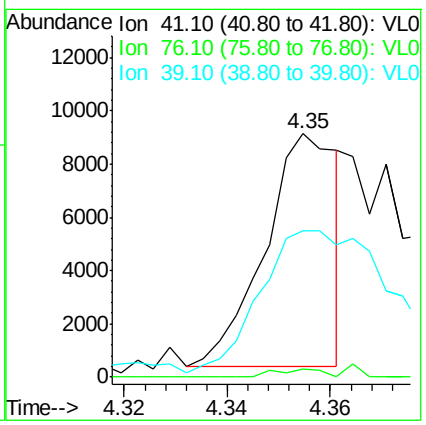


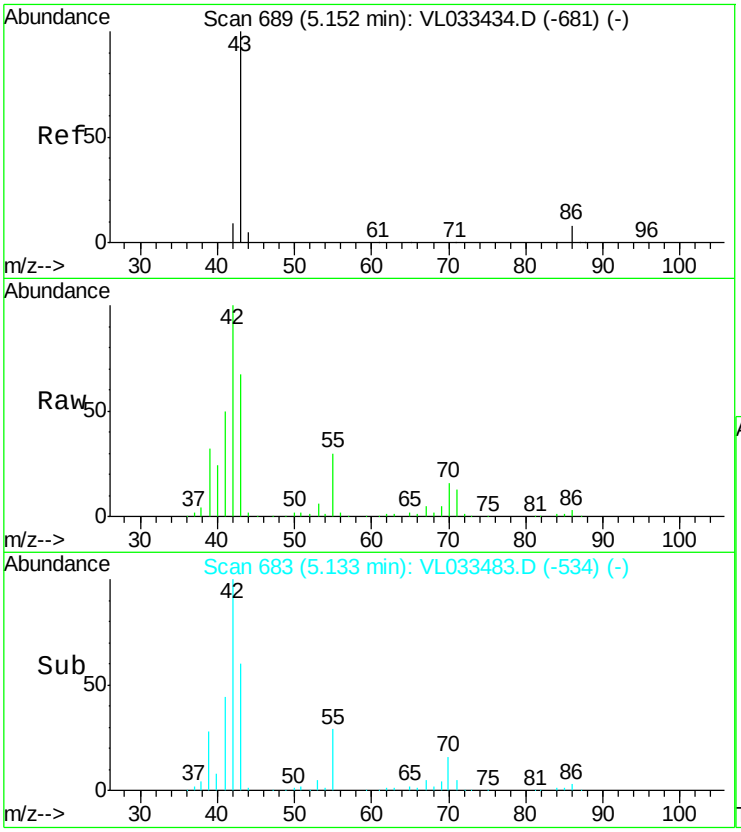


#21
Allyl Chloride
Concen: 0.156 ppbv
RT: 4.35 min Scan# 441
Delta R.T. -0.12 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Tgt Ion: 41 Resp: 8482

Ion	Ratio	Lower	Upper
41	100		
76	0.0	25.4	38.2#
39	171.0	65.3	97.9#



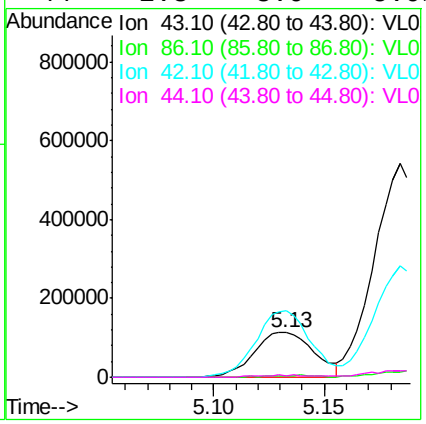


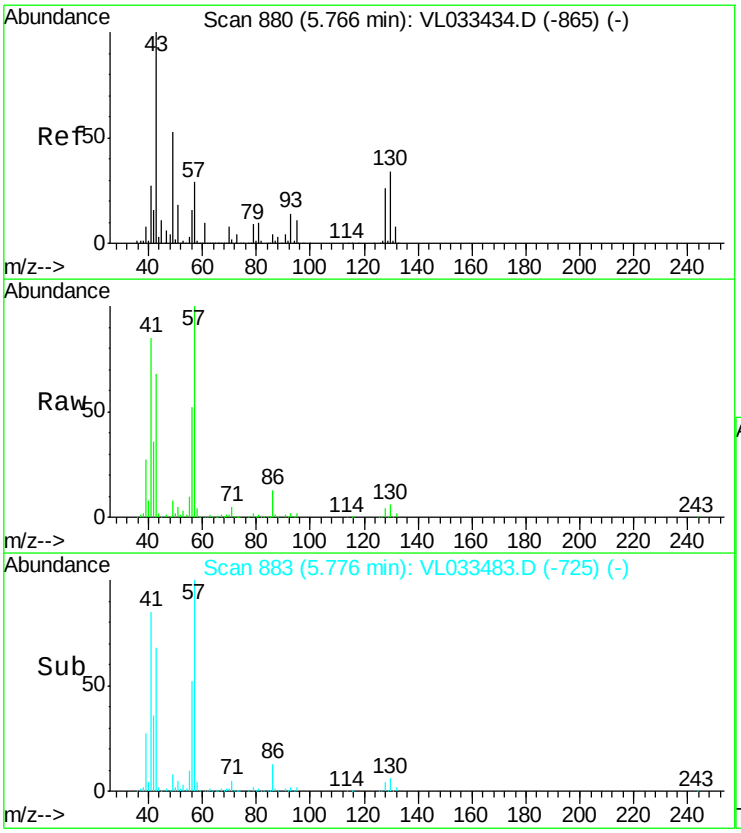
#23
Vinyl Acetate
Concen: 1.744 ppbv
RT: 5.13 min Scan# 683
Delta R.T. -0.02 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 213561

Ion	Ratio	Lower	Upper
43	100		
86	4.3	5.6	8.4#
42	148.3	8.0	12.0#
44	2.3	3.9	5.9#

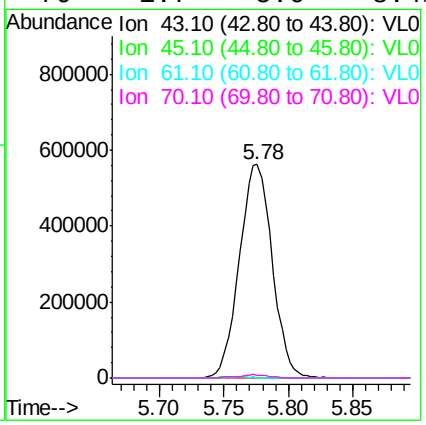


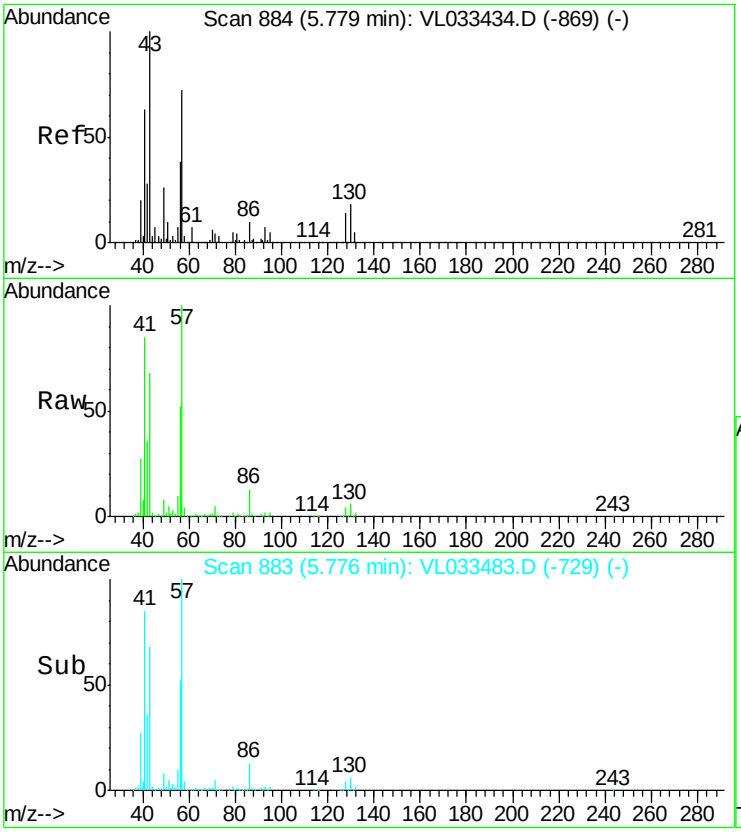


#25
Ethyl Acetate
Concen: 6.257 ppbv
RT: 5.78 min Scan# 883
Delta R.T. 0.01 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Tgt Ion: 43 Resp: 998780

Ion	Ratio	Lower	Upper
43	100		
45	0.6	7.8	11.6#
61	0.5	7.3	10.9#
70	1.7	5.6	8.4#



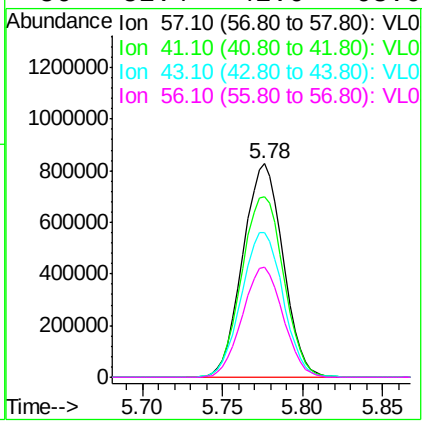


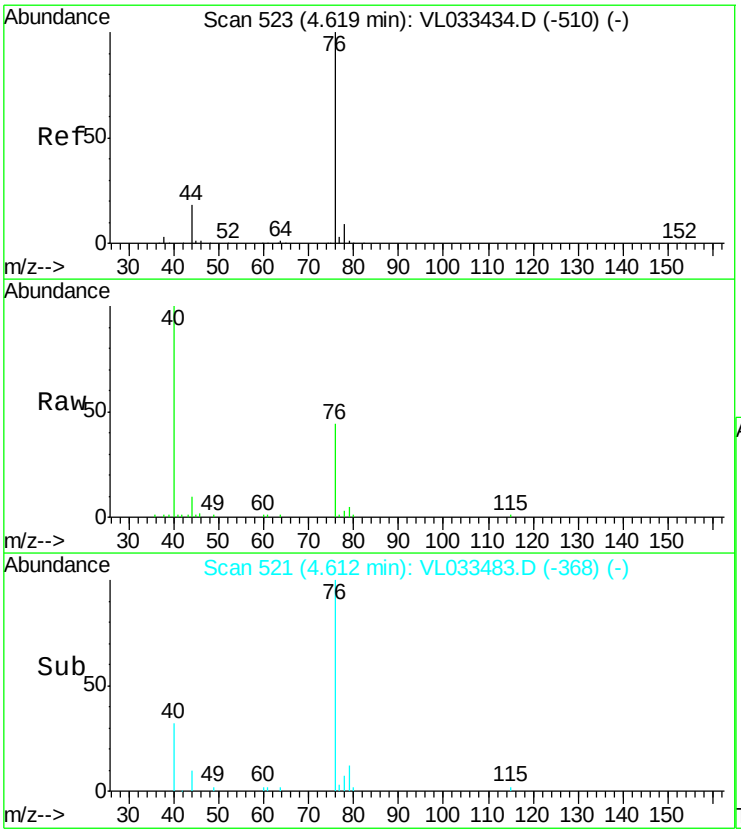
#26
Hexane
Concen: 20.088 ppbv
RT: 5.78 min Scan# 883
Delta R.T. -0.00 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 1425730

Ion	Ratio	Lower	Upper
57	100		
41	88.6	70.7	106.1
43	70.2	182.6	274.0#
56	52.4	42.0	63.0

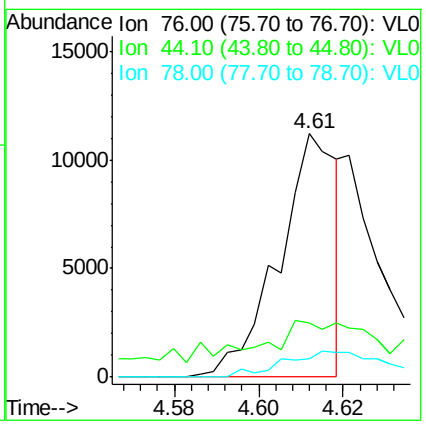


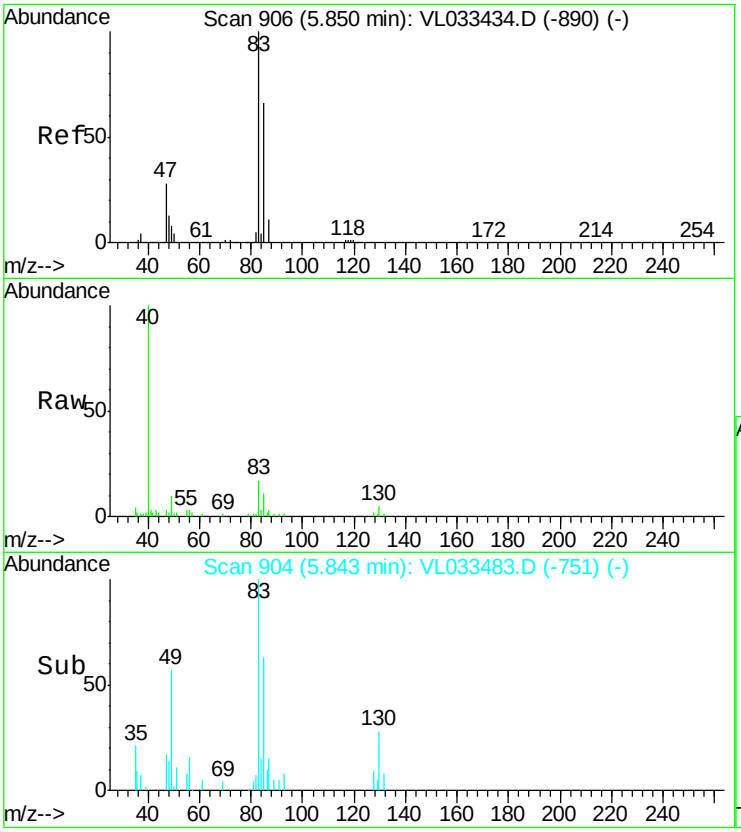


#27
Carbon Disulfide
Concen: 0.126 ppbv
RT: 4.61 min Scan# 521
Delta R.T. -0.01 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Tgt Ion: 76 Resp: 10666

Ion	Ratio	Lower	Upper
76	100		
44	40.0	14.8	22.2#
78	17.6	7.6	11.4#



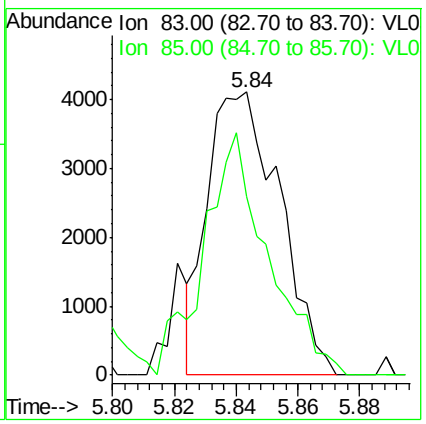


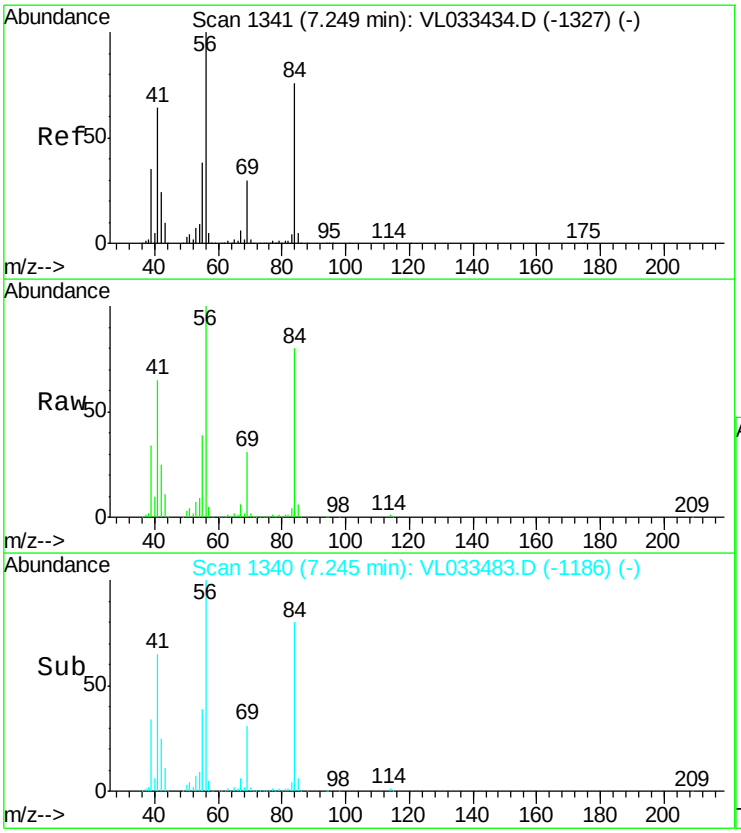
#29
Chloroform
Concen: 0.055 ppbv
RT: 5.84 min Scan# 904
Delta R.T. -0.01 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 6650

Ion	Ratio	Lower	Upper
83	100		
85	59.1	52.6	79.0

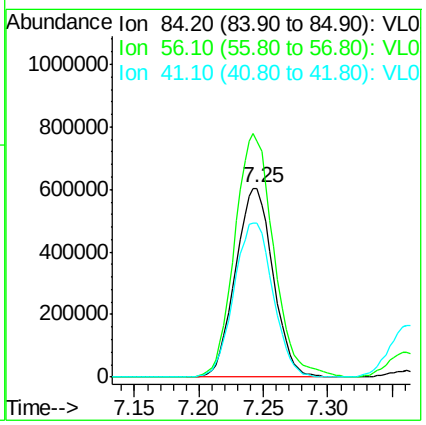


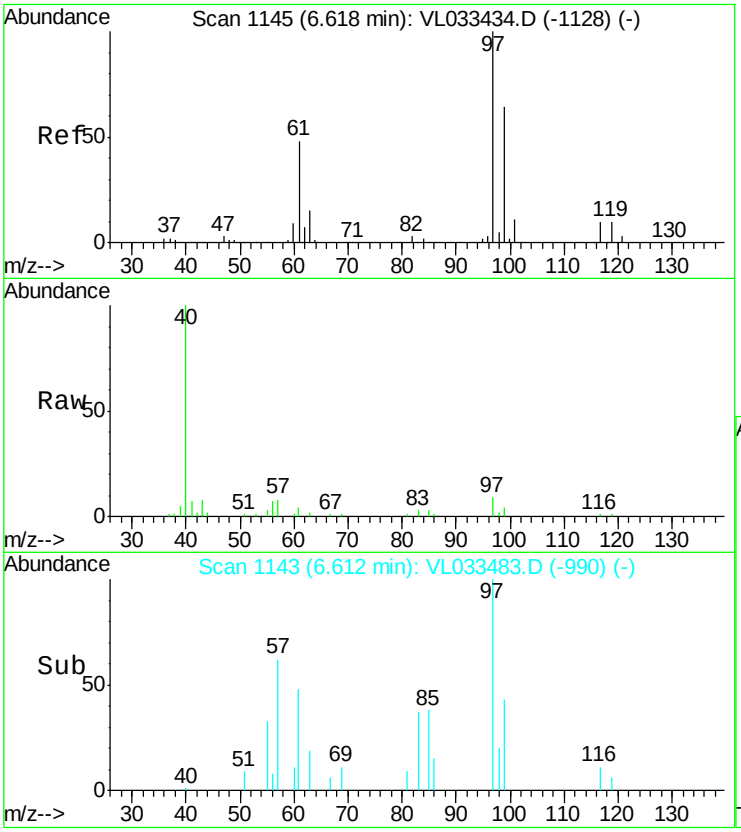


#30
Cyclohexane
Concen: 21.893 ppbv
RT: 7.25 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Tgt Ion: 84 Resp: 1229245

Ion	Ratio	Lower	Upper
84	100		
56	133.1	109.7	164.5
41	84.4	68.2	102.2



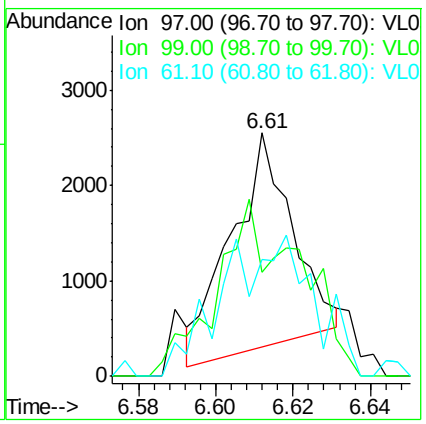


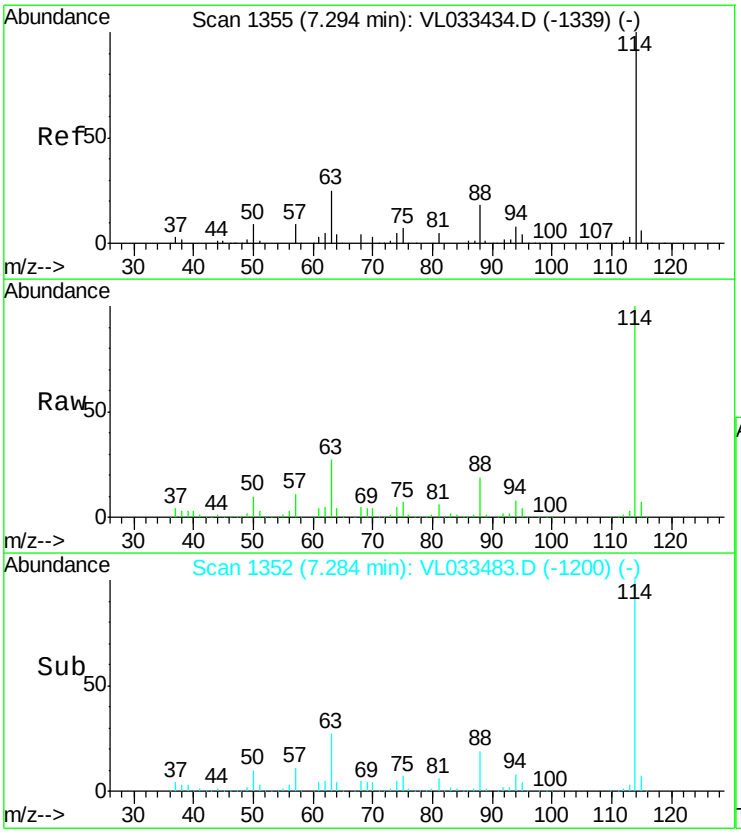
#32
1,1,1-Trichloroethane
Concen: 0.022 ppbv
RT: 6.61 min Scan# 1143
Delta R.T. -0.01 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 97 Resp: 2492

Ion	Ratio	Lower	Upper
97	100		
99	110.1	51.5	77.3#
61	100.3	38.8	58.2#

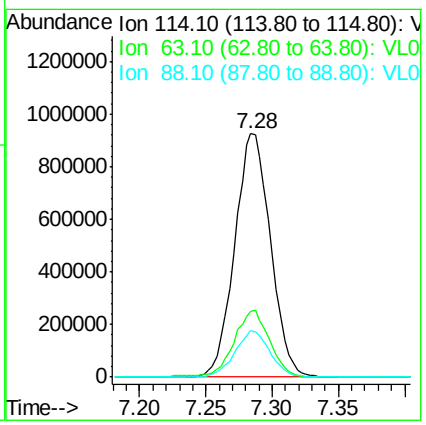


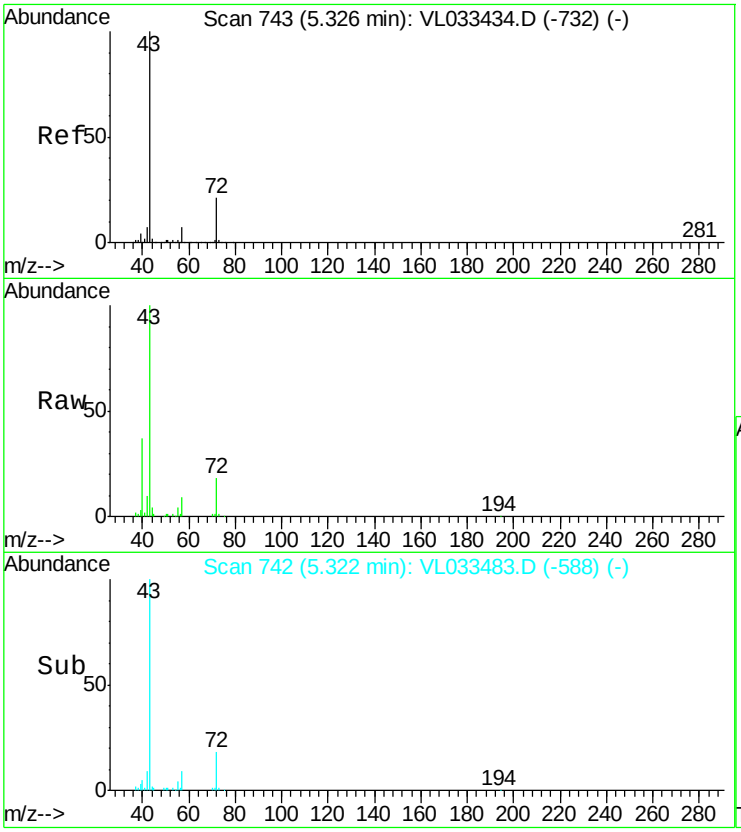


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.01 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Tgt Ion:114 Resp: 1734026

Ion	Ratio	Lower	Upper
114	100		
63	27.5	21.5	32.3
88	18.6	14.5	21.7



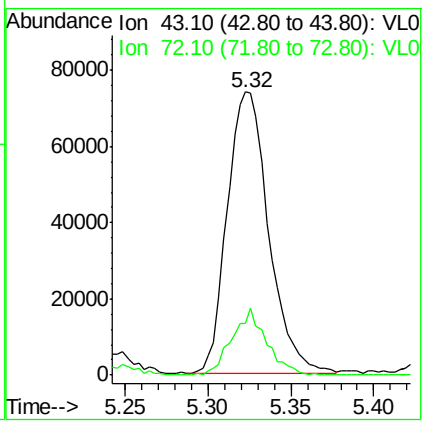


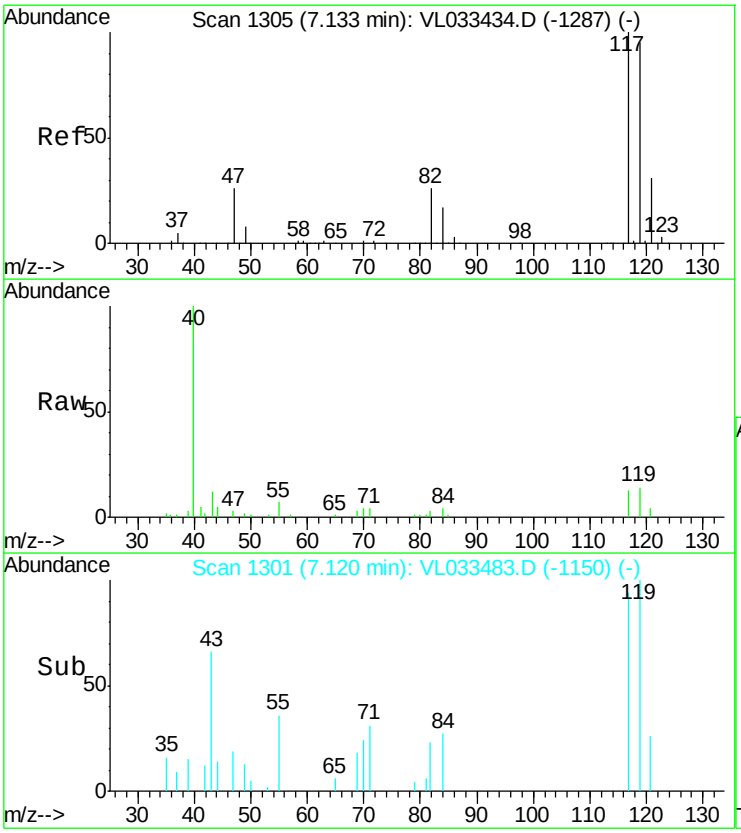
#34
2-Butanone
Concen: 1.232 ppbv
RT: 5.32 min Scan# 742
Delta R.T. -0.00 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 128340

Ion	Ratio	Lower	Upper
43	100		
72	19.8	17.4	26.2

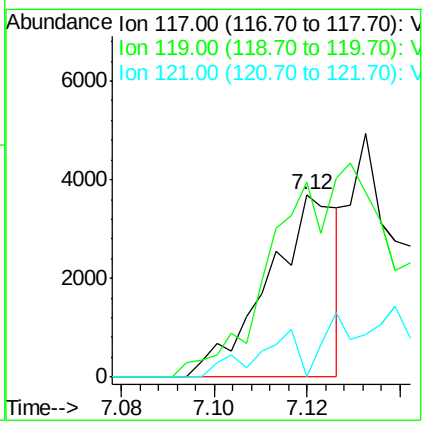


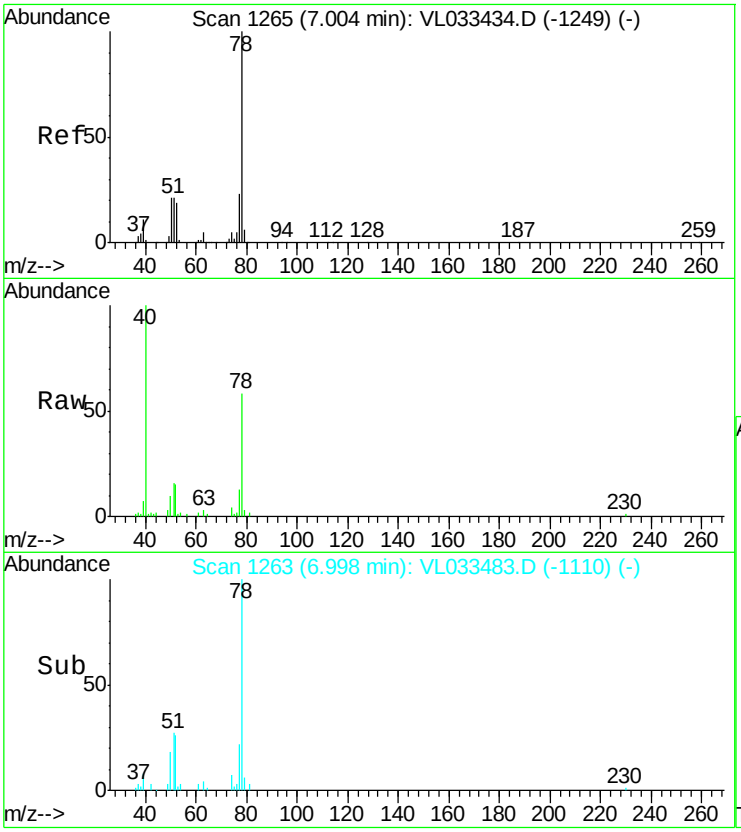


#35
Carbon Tetrachloride
Concen: 0.031 ppbv
RT: 7.12 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Tgt Ion:117 Resp: 3828

Ion	Ratio	Lower	Upper
117	100		
119	98.4	75.8	113.8
121	0.0	24.7	37.1#



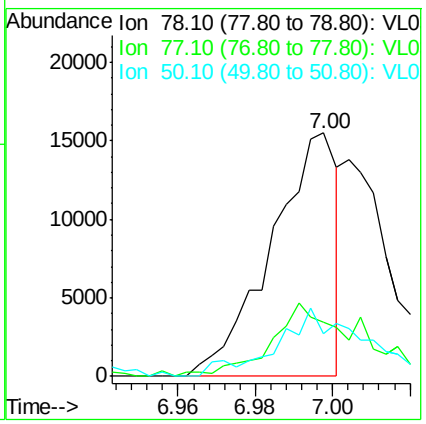


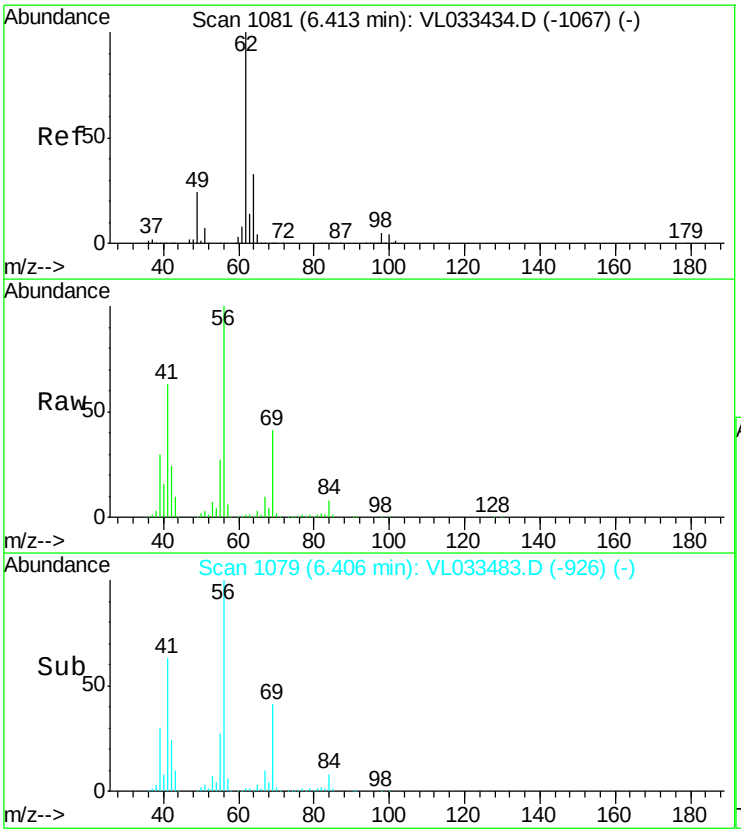
#36
Benzene
Concen: 0.126 ppbv
RT: 7.00 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 78 Resp: 18274

Ion	Ratio	Lower	Upper
78	100		
77	19.7	18.1	27.1
50	16.7	16.7	25.1#

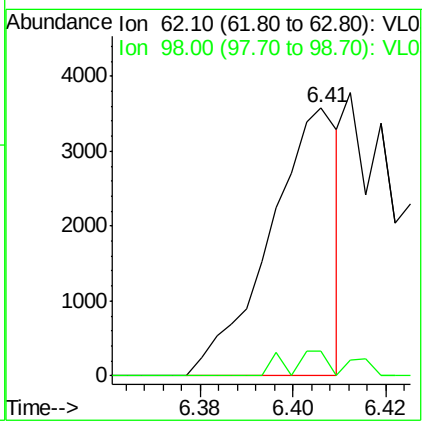


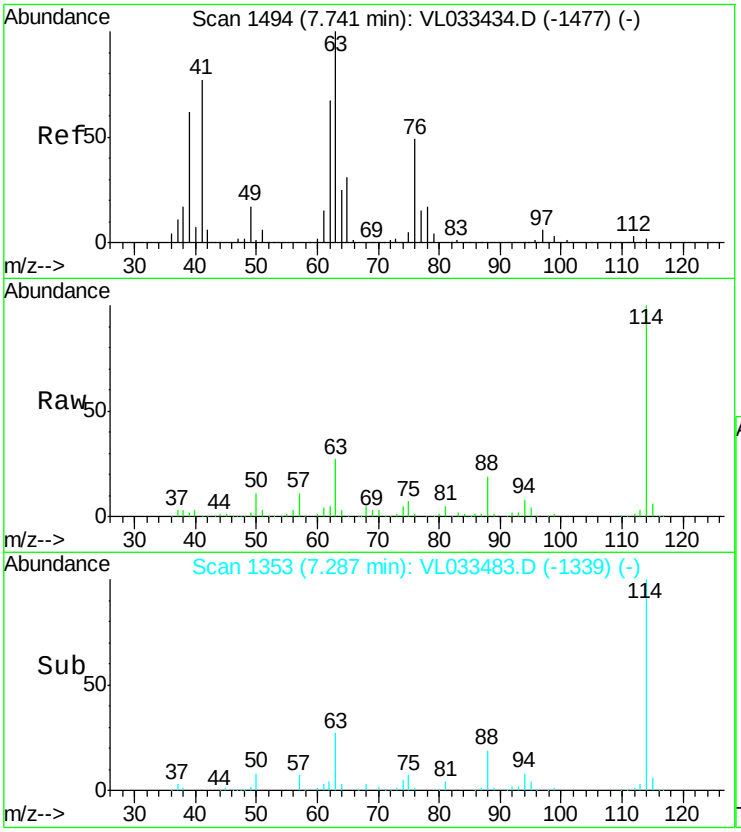


#37
1,2-Dichloroethane
Concen: 0.038 ppbv
RT: 6.41 min Scan# 1079
Delta R.T. -0.01 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Tgt Ion: 62 Resp: 3689

Ion	Ratio	Lower	Upper
62	100		
98	7.3	4.4	6.6#



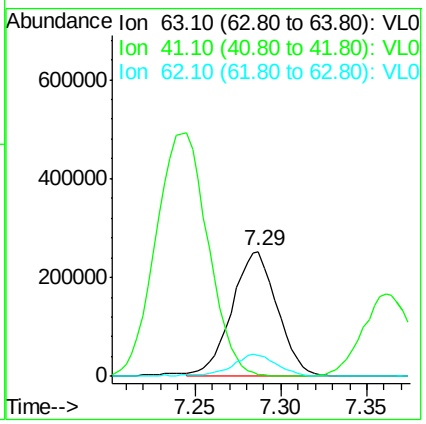


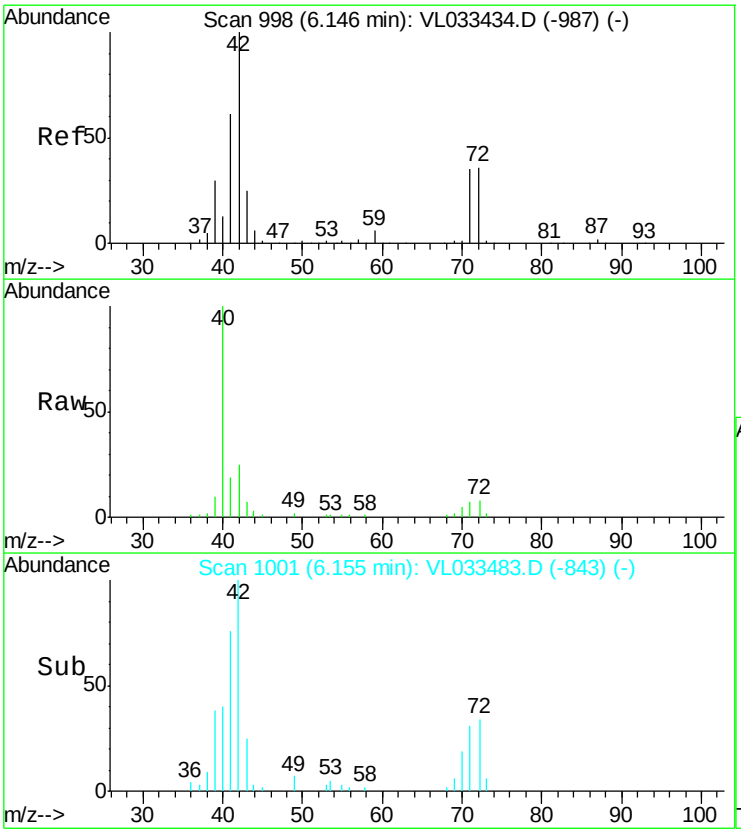
#39
1,2-Dichloropropane
Concen: 8.091 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.45 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 461169

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.2	91.8#
62	16.7	54.0	81.0#

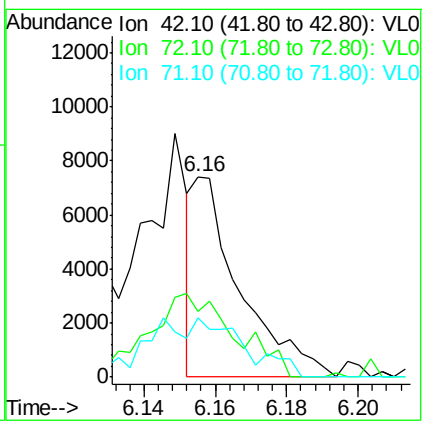


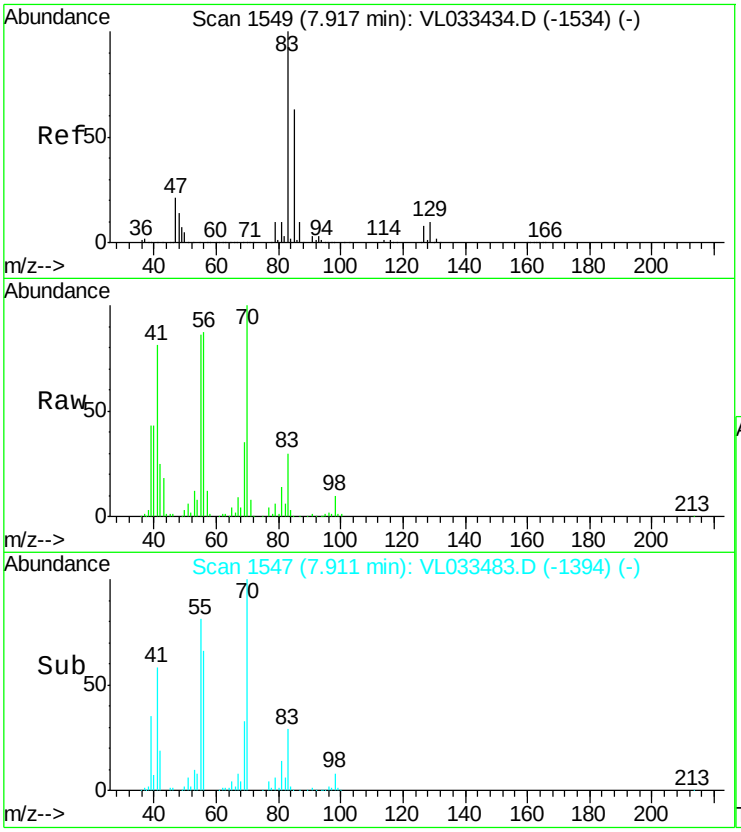


#41
Tetrahydrofuran
Concen: 0.117 ppbv
RT: 6.16 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Tgt Ion: 42 Resp: 6695

Ion	Ratio	Lower	Upper
42	100		
72	82.2	30.2	45.2#
71	61.2	29.4	44.2#



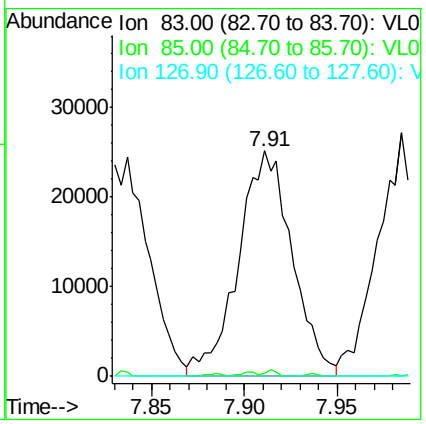


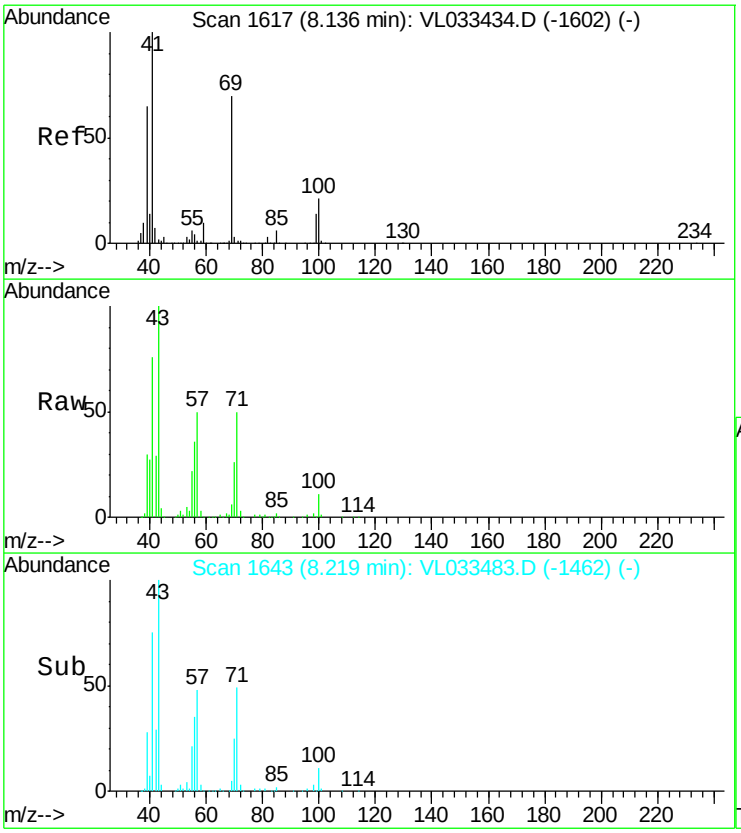
#42
Bromodichloromethane
Concen: 0.382 ppbv
RT: 7.91 min Scan# 1547
Delta R.T. -0.01 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 50711

Ion	Ratio	Lower	Upper
83	100		
85	1.4	50.7	76.1#
127	0.0	6.6	9.8#

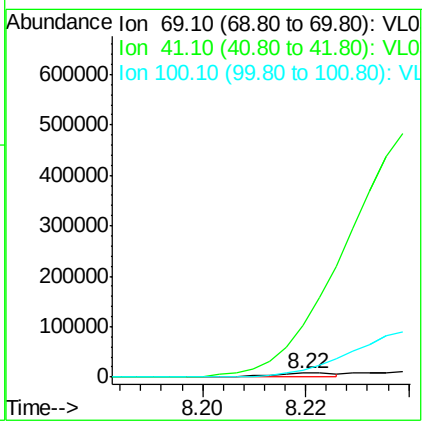


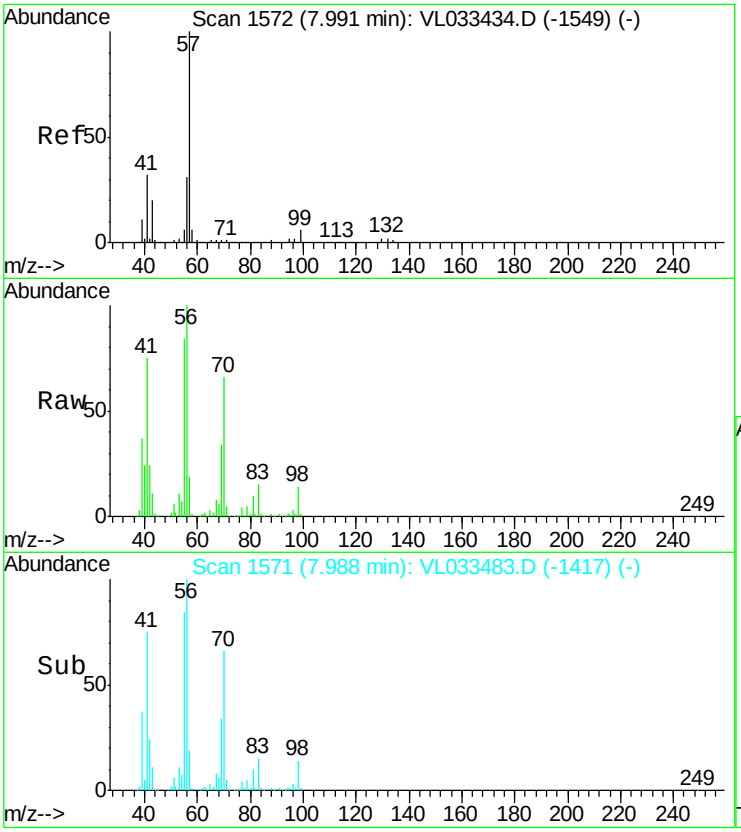


#43
Methyl Methacrylate
Concen: 0.120 ppbv
RT: 8.22 min Scan# 1643
Delta R.T. 0.08 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Tgt Ion: 69 Resp: 7096

Ion	Ratio	Lower	Upper
69	100		
41	0.0	116.6	174.8#
100	0.0	24.4	36.6#



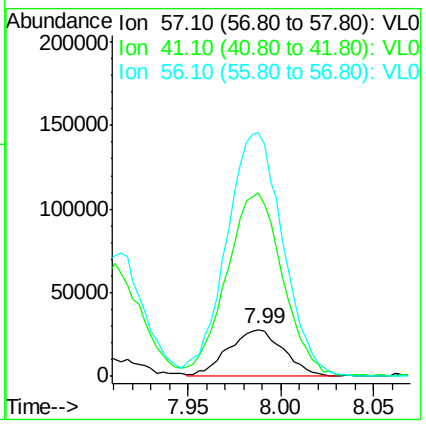


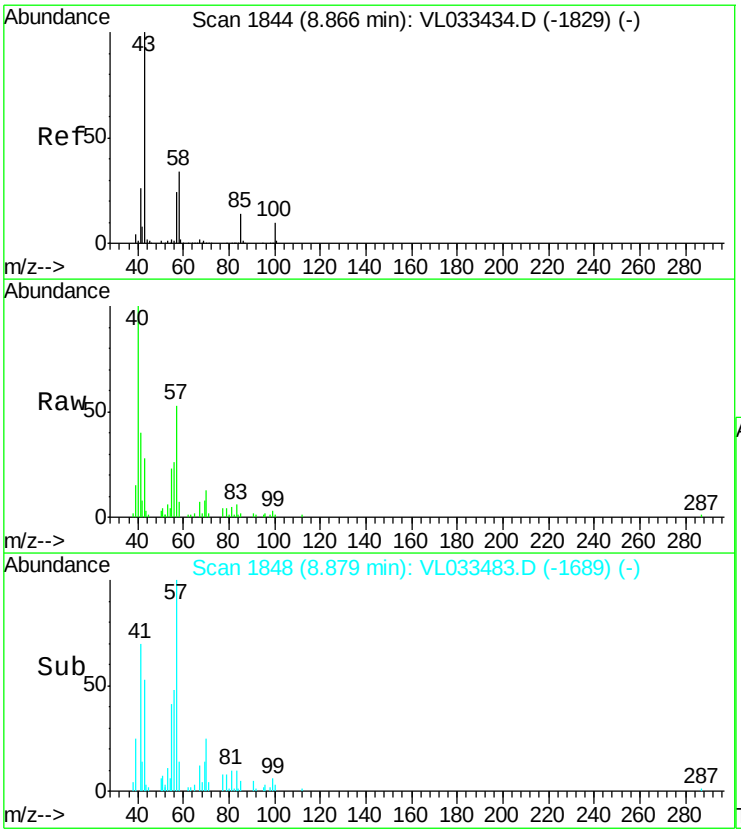
#44
2,2,4-Trimethylpentane
Concen: 0.222 ppbv
RT: 7.99 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 56340

Ion	Ratio	Lower	Upper
57	100		
41	409.1	26.0	39.0#
56	547.0	24.6	37.0#

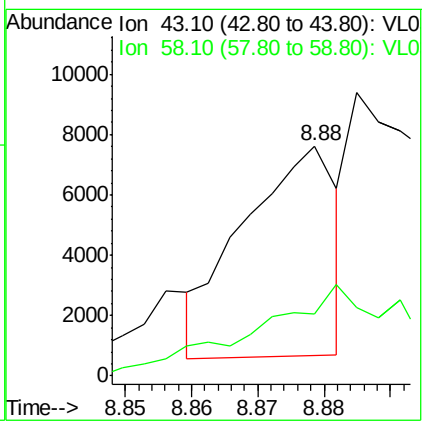


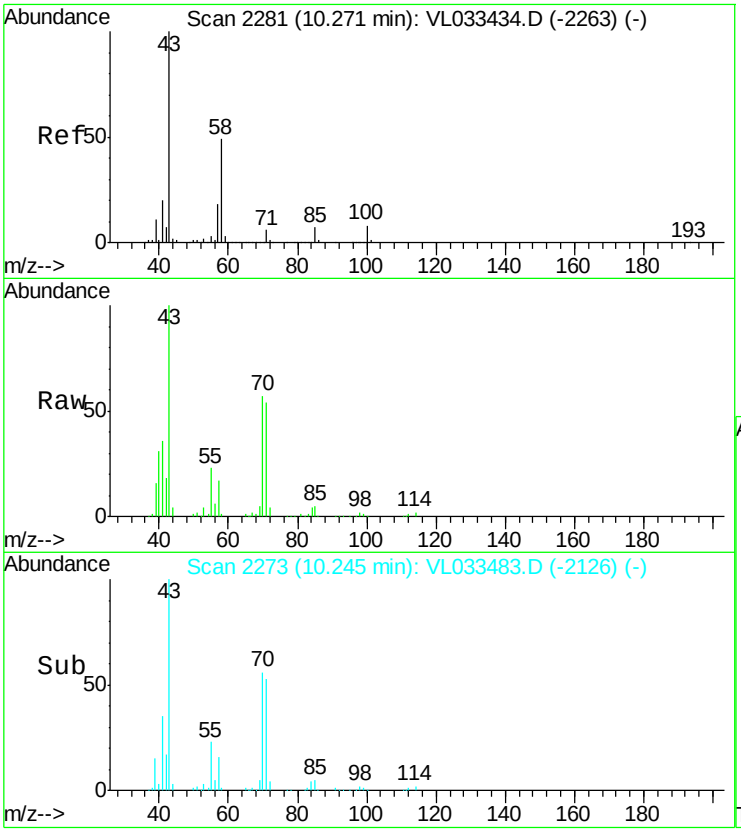


#50
4-Methyl-2-Pentanone
Concen: 0.045 ppbv
RT: 8.88 min Scan# 1848
Delta R.T. 0.01 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Tgt Ion: 43 Resp: 6815

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.0	42.0#



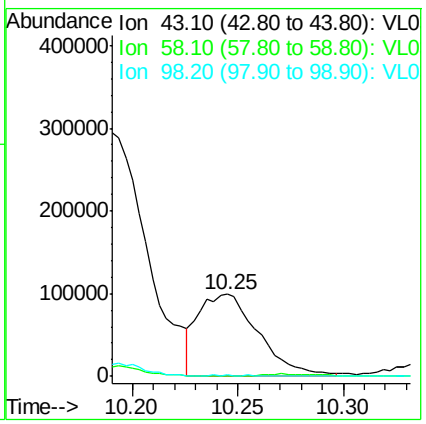


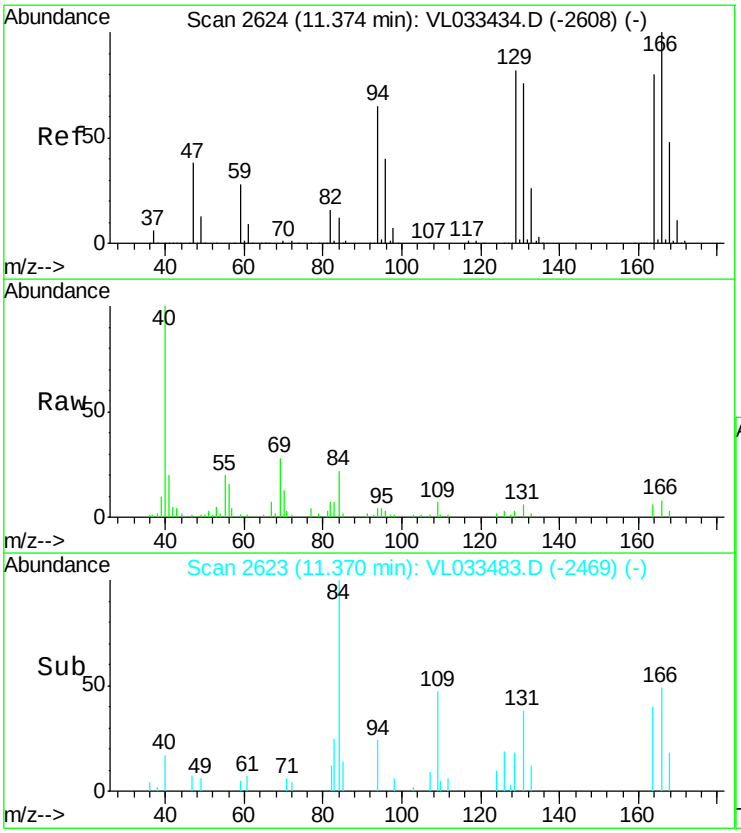
#51
2-Hexanone
Concen: 1.699 ppbv
RT: 10.25 min Scan# 2273
Delta R.T. -0.03 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 193330

Ion	Ratio	Lower	Upper
43	100		
58	3.5	38.2	57.2#
98	0.0	0.2	0.2#

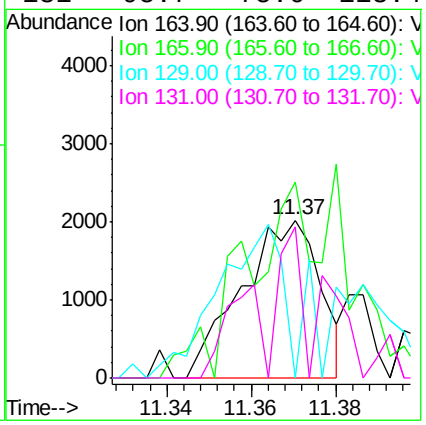


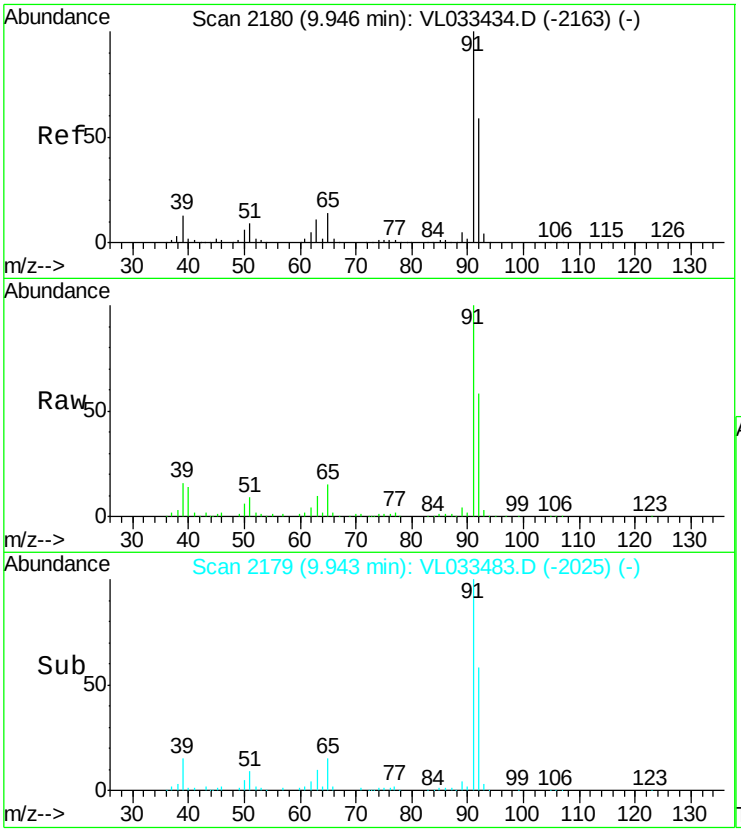


#52
Tetrachloroethene
Concen: 0.048 ppbv
RT: 11.37 min Scan# 2623
Delta R.T. -0.00 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Tgt Ion:164 Resp: 2611

Ion	Ratio	Lower	Upper
164	100		
166	106.3	99.5	149.3
129	0.0	81.4	122.2#
131	95.7	75.6	113.4



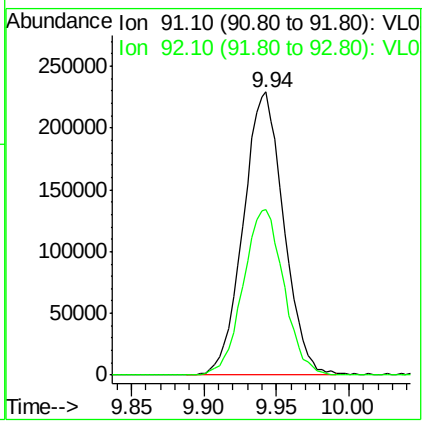


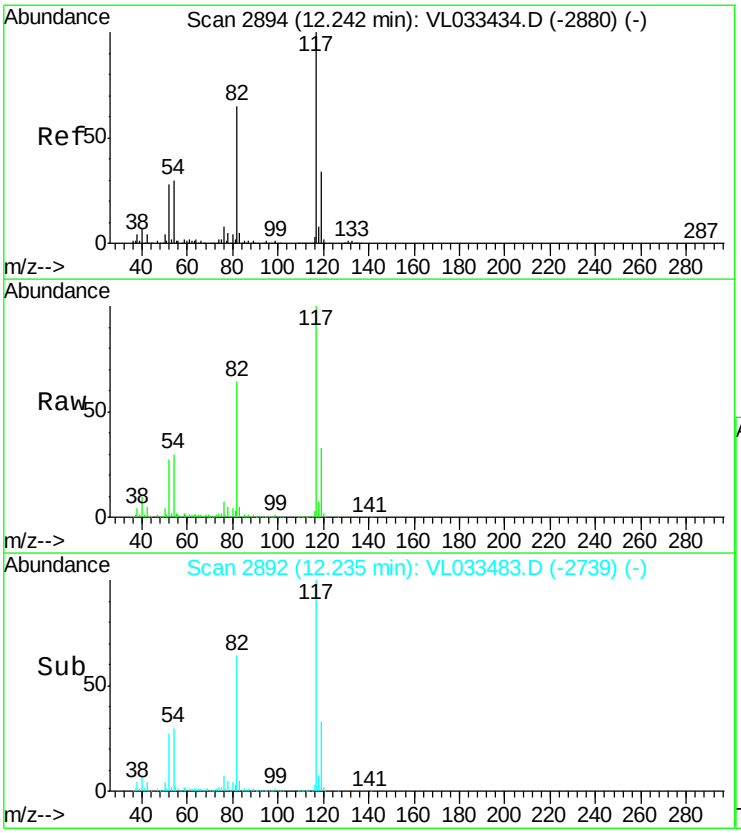
#53
Toluene
Concen: 2.634 ppbv
RT: 9.94 min Scan# 2179
Delta R.T. -0.00 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 445358

Ion	Ratio	Lower	Upper
91	100		
92	58.8	47.4	71.0

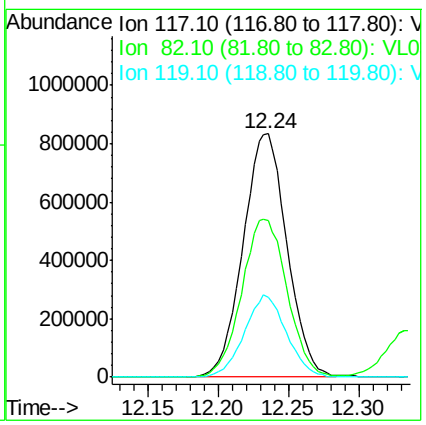


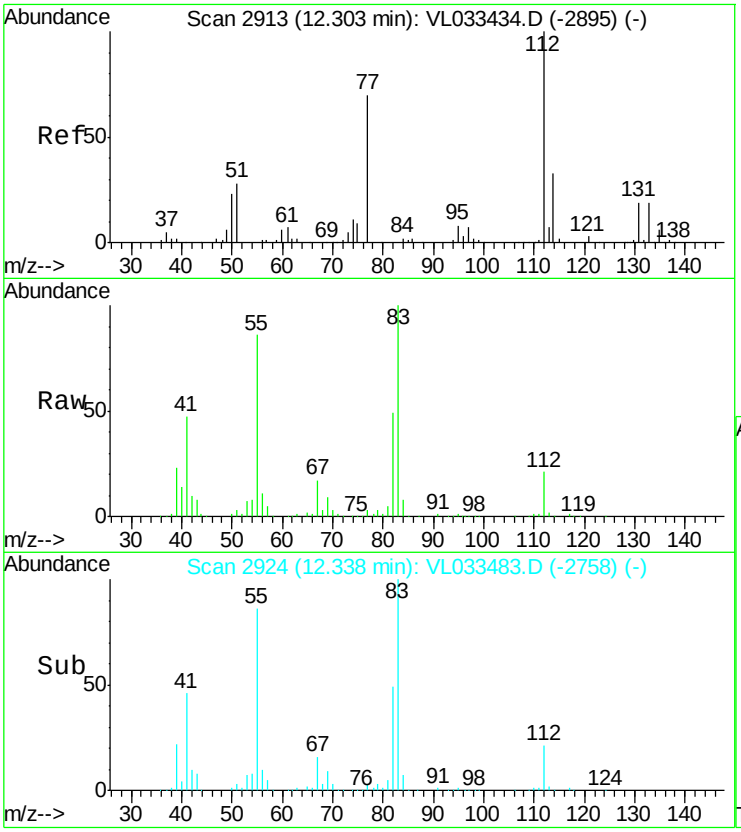


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Tgt Ion:117 Resp: 1814547

Ion	Ratio	Lower	Upper
117	100		
82	67.1	51.5	77.3
119	32.4	25.5	38.3



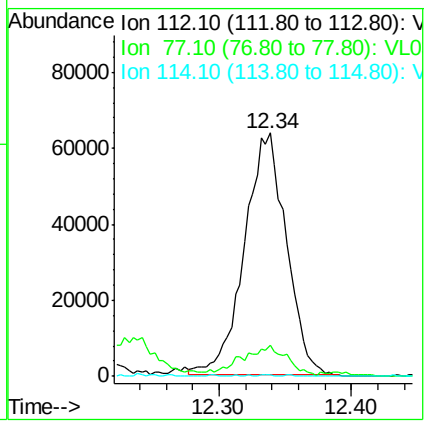


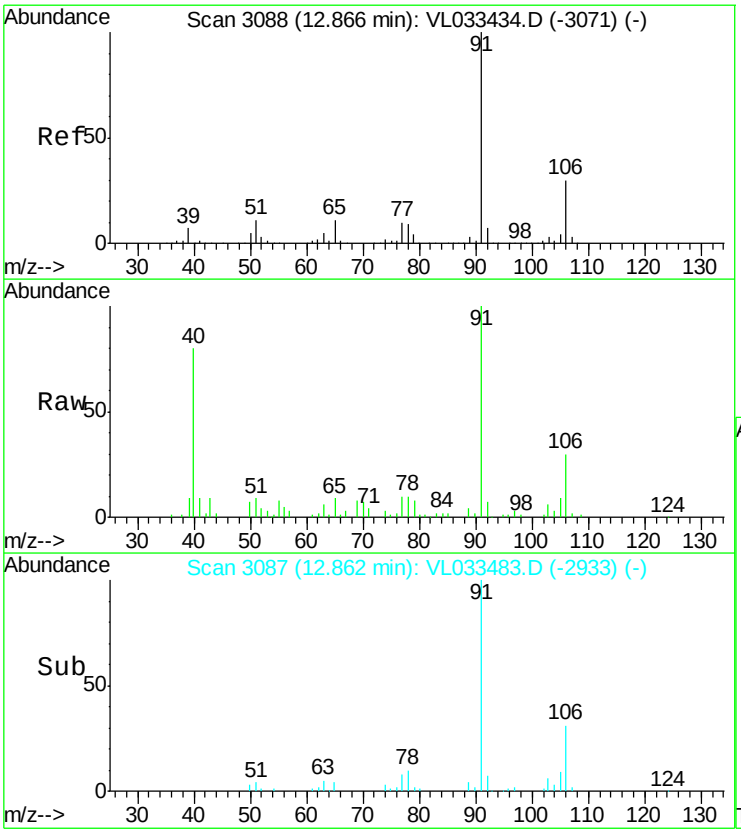
#57
Chlorobenzene
Concen: 0.999 ppbv
RT: 12.34 min Scan# 2924
Delta R.T. 0.04 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:112 Resp: 140753

Ion	Ratio	Lower	Upper
112	100		
77	10.5	57.3	85.9#
114	0.7	29.8	36.4#

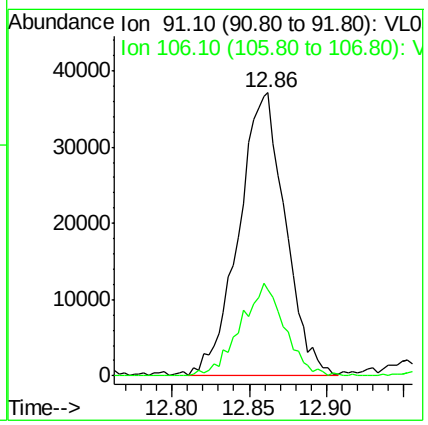


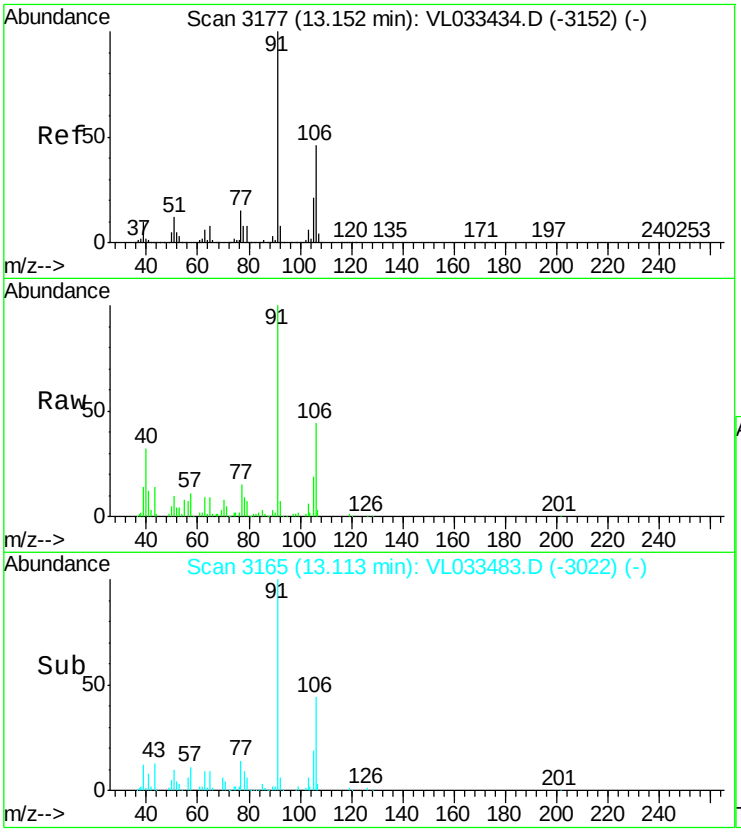


#58
Ethyl Benzene
Concen: 0.321 ppbv
RT: 12.86 min Scan# 3087
Delta R.T. -0.00 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Tgt Ion: 91 Resp: 77822

Ion	Ratio	Lower	Upper
91	100		
106	30.5	23.8	35.6



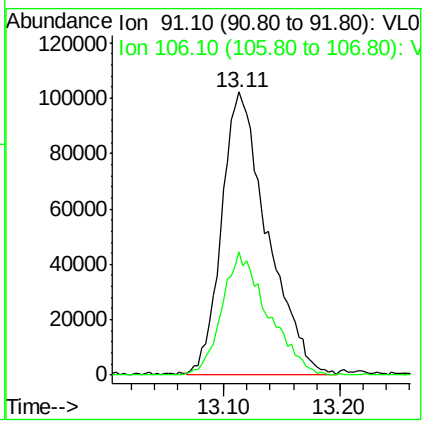


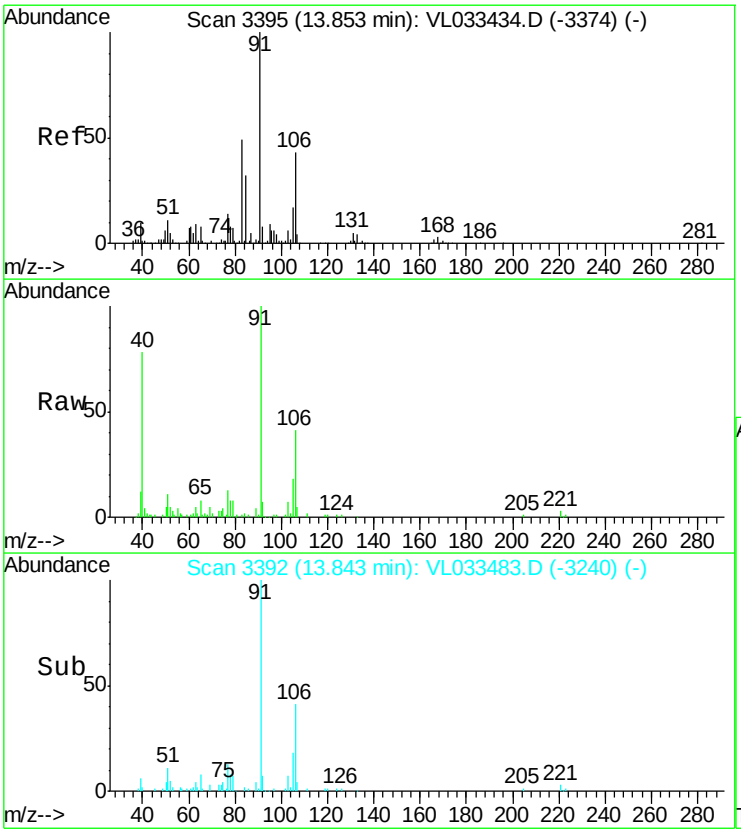
#59
m/p-Xylene
Concen: 1.284 ppbv
RT: 13.11 min Scan# 3165
Delta R.T. -0.04 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 277948

Ion	Ratio	Lower	Upper
91	100		
106	43.9	0.0	0.0#

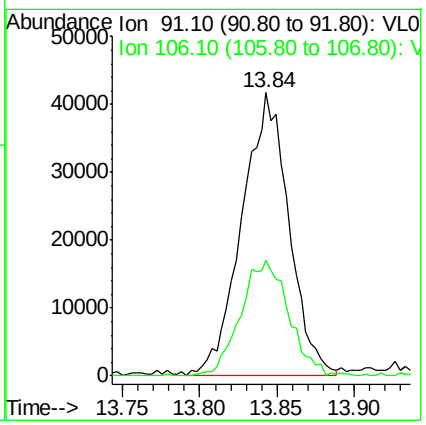


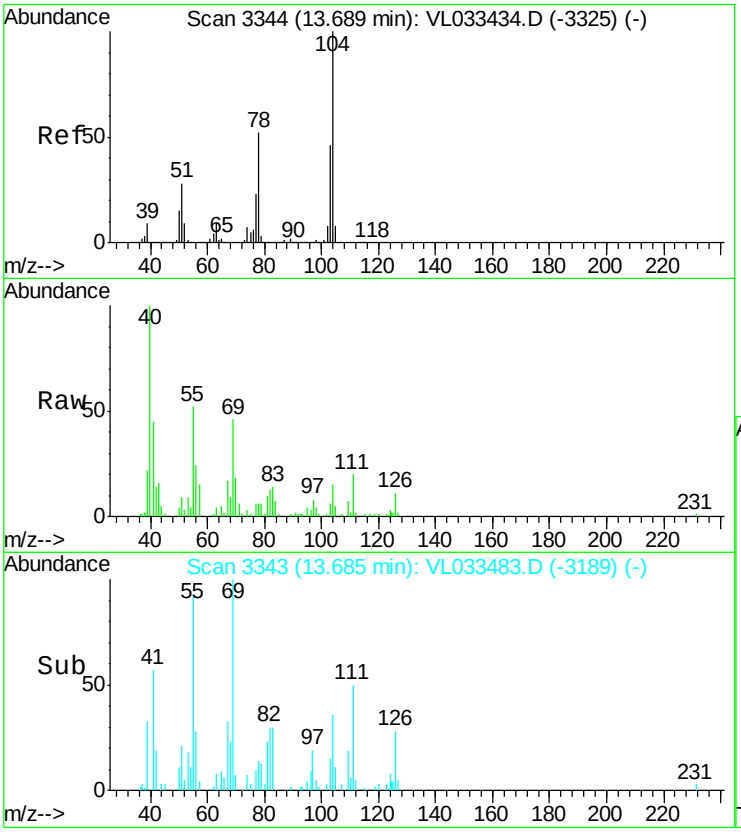


#60
o-Xylene
Concen: 0.422 ppbv
RT: 13.84 min Scan# 3392
Delta R.T. -0.01 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Tgt Ion: 91 Resp: 88342

Ion	Ratio	Lower	Upper
91	100		
106	42.1	21.4	64.3



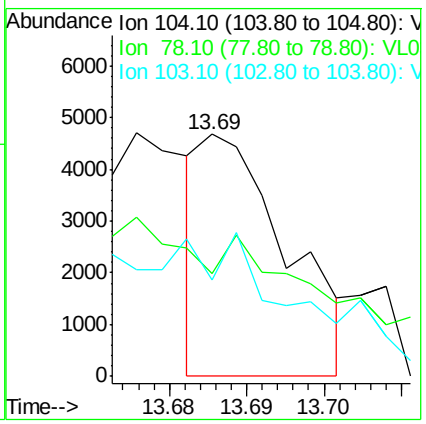


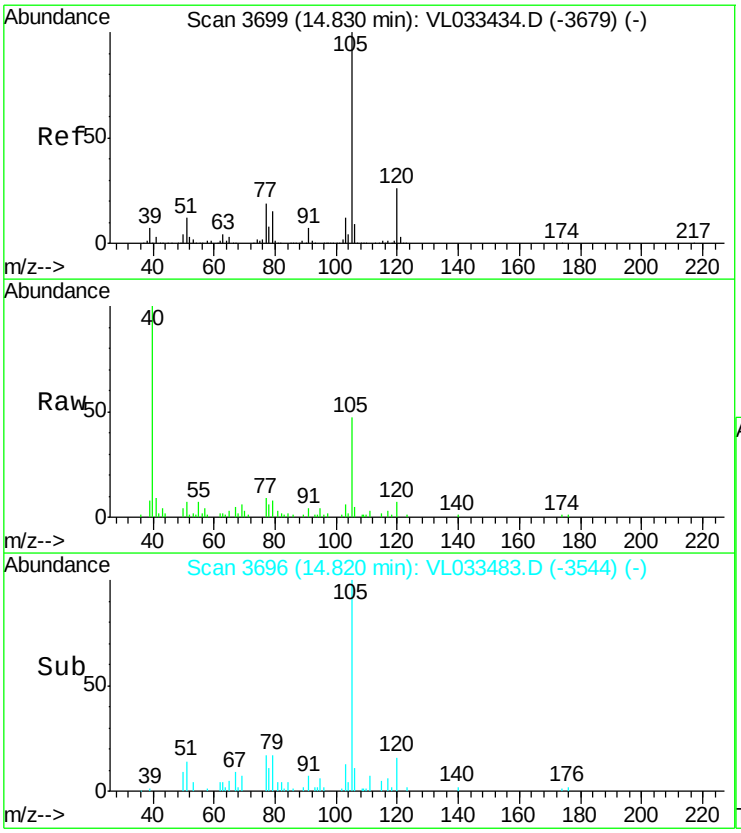
#61
Stvrene
Concen: 0.025 ppbv
RT: 13.69 min Scan# 3343
Delta R.T. -0.00 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:104 Resp: 3587

Ion	Ratio	Lower	Upper
104	100		
78	0.0	43.2	64.8#
103	156.9	37.8	56.8#

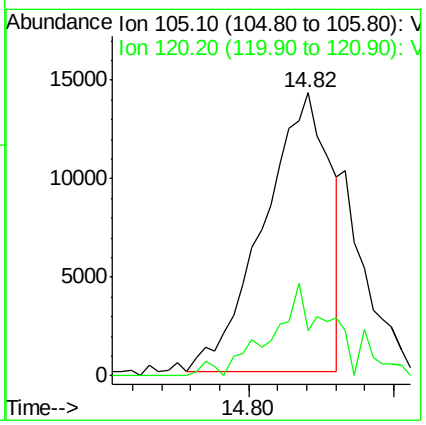


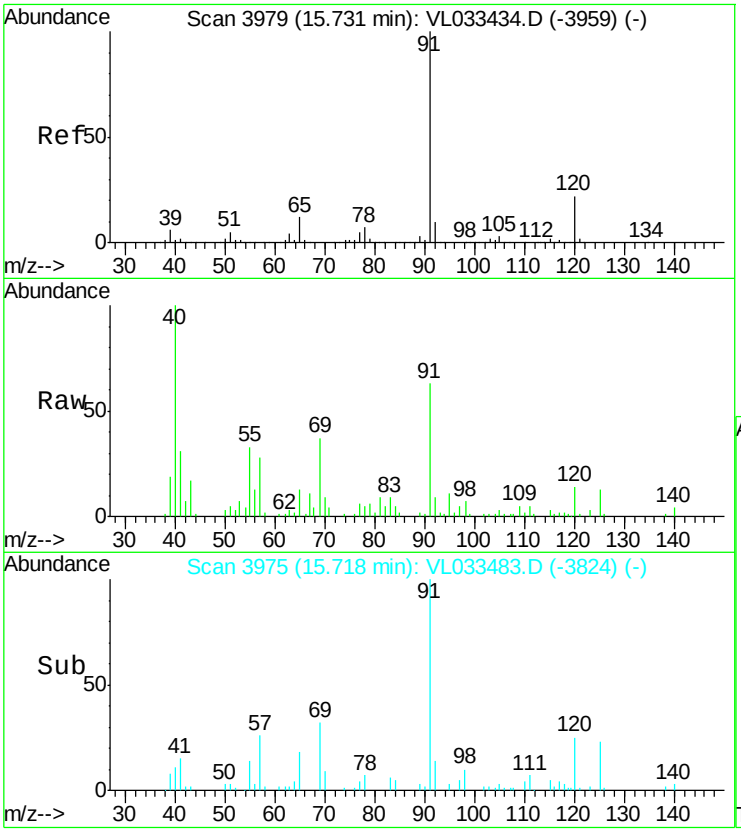


#62
Isopropylbenzene
Concen: 0.076 ppbv
RT: 14.82 min Scan# 3696
Delta R.T. -0.01 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Tgt Ion:105 Resp: 22410

Ion	Ratio	Lower	Upper
105	100		
120	32.8	20.2	30.2#



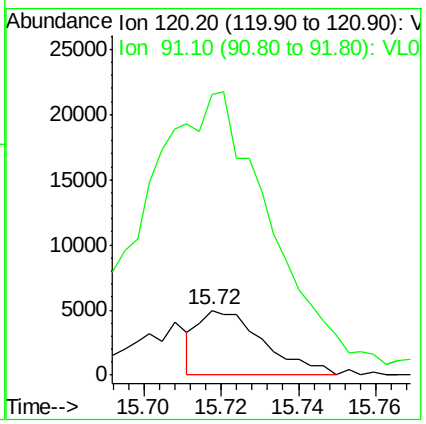


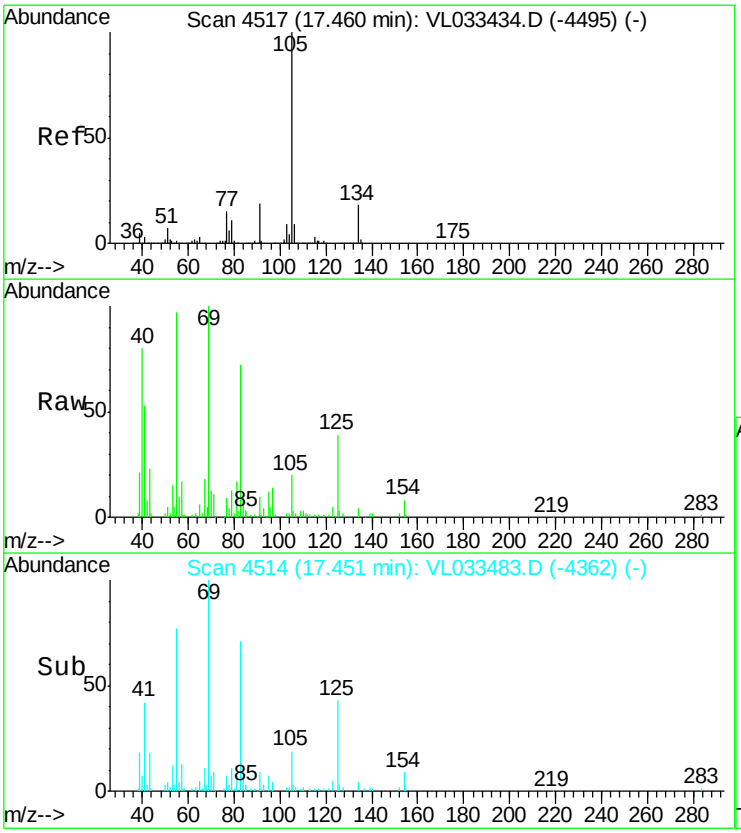
#64
n-propylbenzene
Concen: 0.077 ppbv
RT: 15.72 min Scan# 3975
Delta R.T. -0.01 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:120 Resp: 5821

Ion	Ratio	Lower	Upper
120	100		
91	916.1	387.4	581.2#

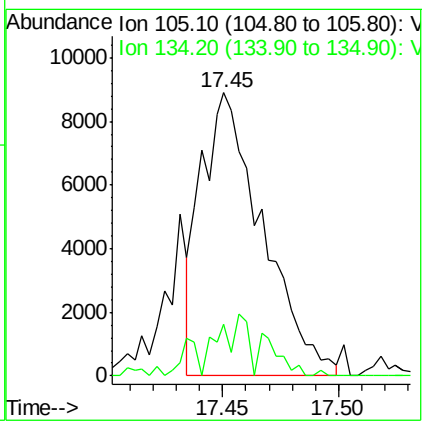


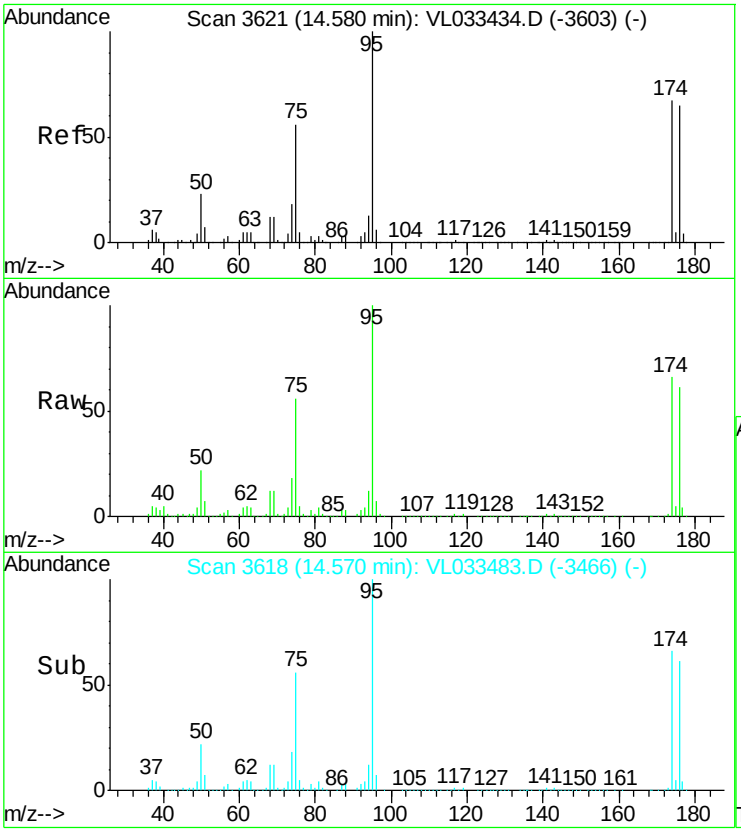


#67
sec-Butylbenzene
Concen: 0.044 ppbv
RT: 17.45 min Scan# 4514
Delta R.T. -0.01 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Tgt Ion:105 Resp: 16329

Ion	Ratio	Lower	Upper
105	100		
134	14.2	14.6	21.8#



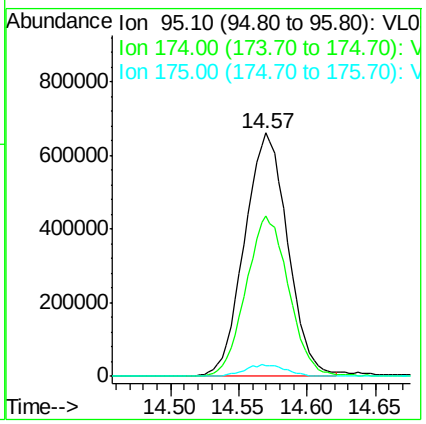


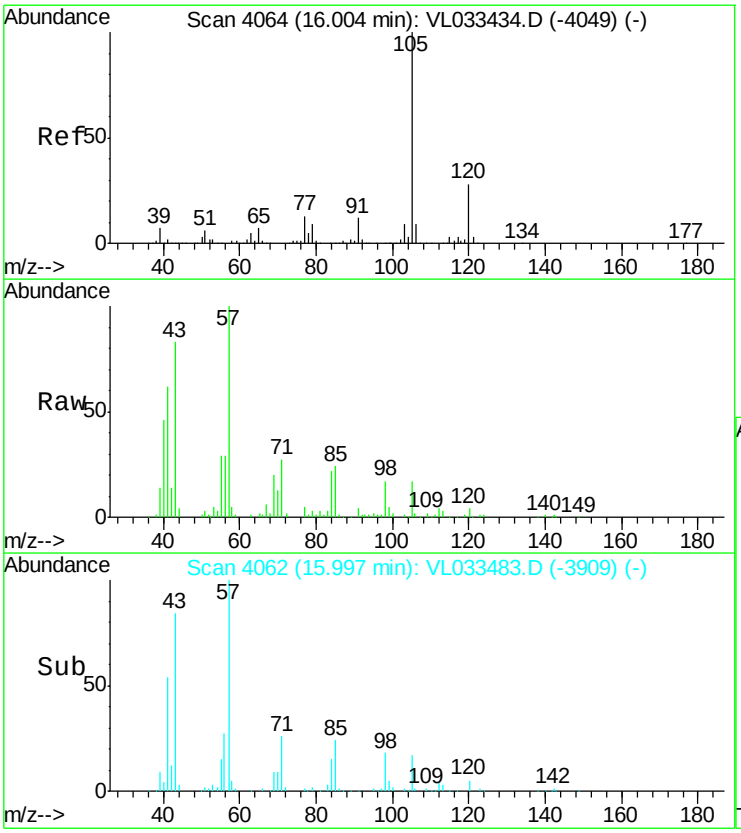
#68
1-Bromo-4-Fluorobenzene
Concen: 10.214 ppbv
RT: 14.57 min Scan# 3618
Delta R.T. -0.01 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 1453033

Ion	Ratio	Lower	Upper
95	100		
174	65.5	52.9	79.3
175	4.7	3.8	5.6

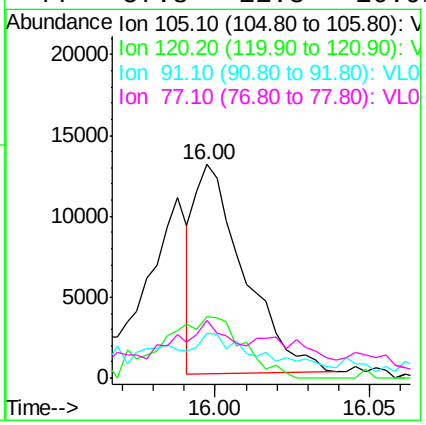


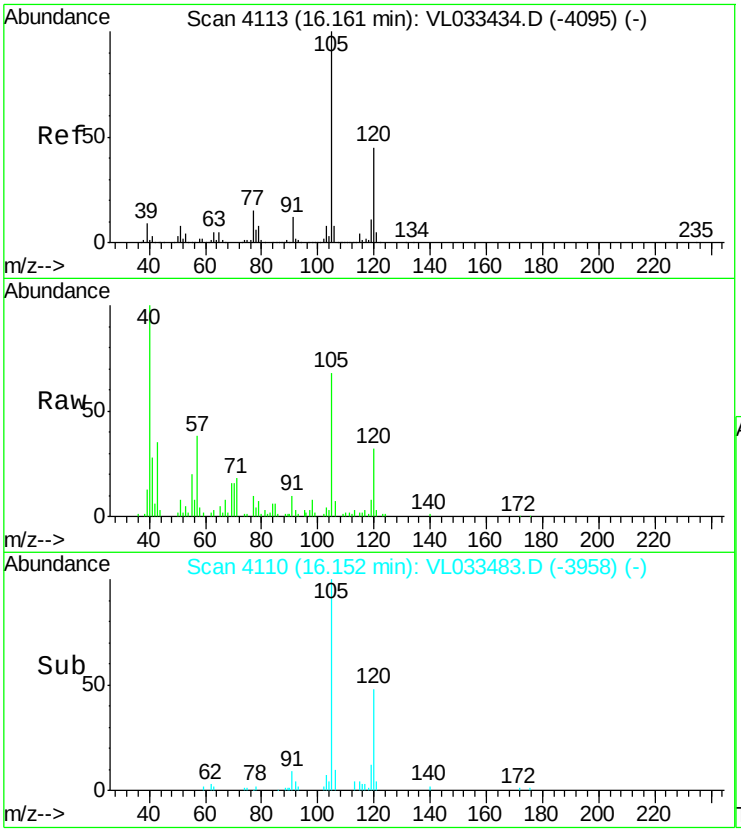


#72
4-Ethyltoluene
Concen: 0.061 ppbv
RT: 16.00 min Scan# 4062
Delta R.T. -0.01 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Tgt Ion:105 Resp: 14416

Ion	Ratio	Lower	Upper
105	100		
120	48.0	23.2	34.8#
91	51.9	10.4	15.6#
77	57.8	11.3	16.9#



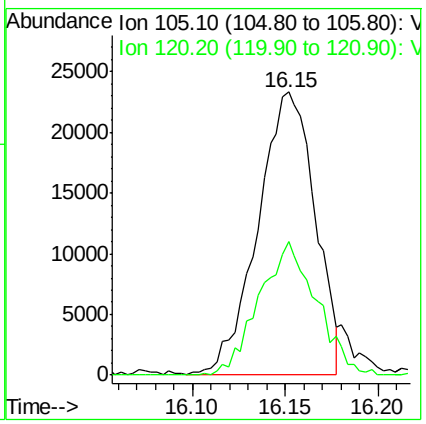


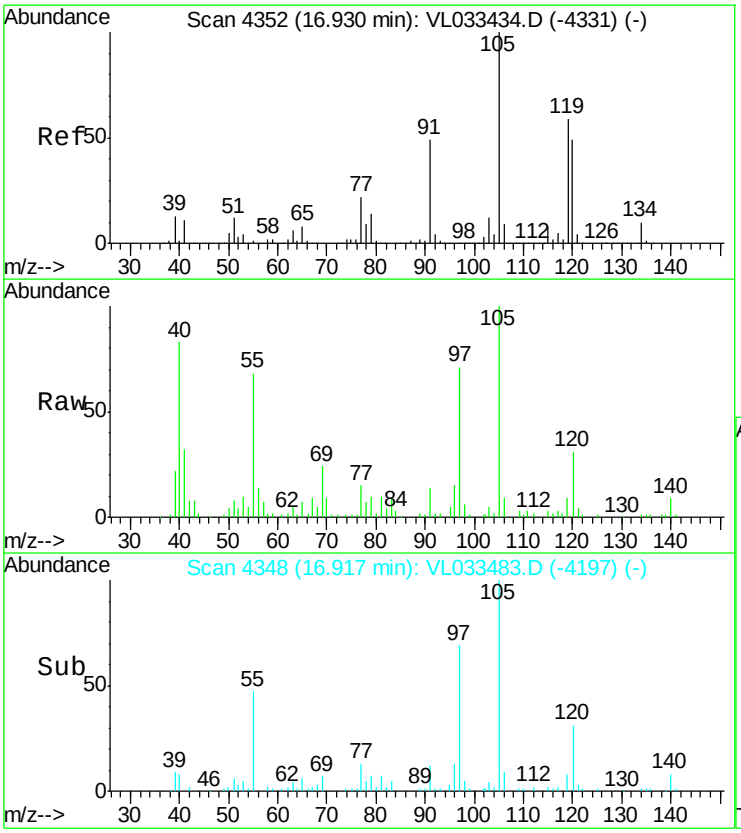
#73
1,3,5-Trimethylbenzene
Concen: 0.222 ppbv
RT: 16.15 min Scan# 4110
Delta R.T. -0.01 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 50005

Ion	Ratio	Lower	Upper
105	100		
120	51.9	35.7	53.5

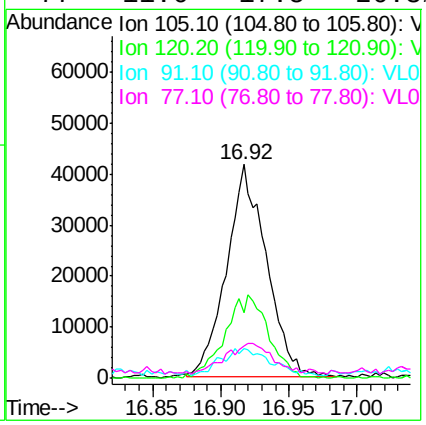


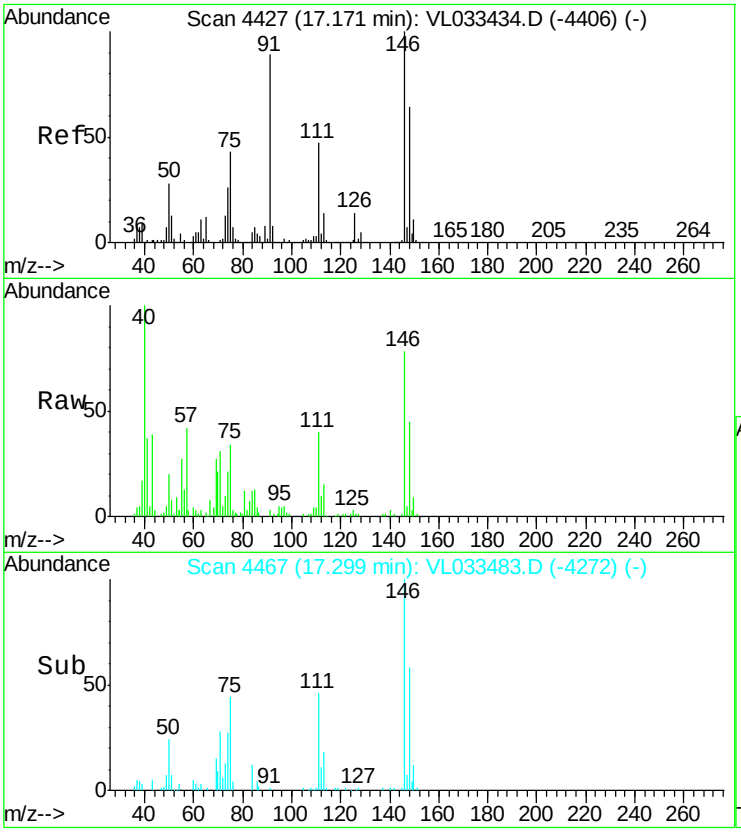


#74
1,2,4-Trimethylbenzene
Concen: 0.348 ppbv
RT: 16.92 min Scan# 4348
Delta R.T. -0.01 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Tgt Ion:105 Resp: 83985

Ion	Ratio	Lower	Upper
105	100		
120	30.4	39.0	58.6#
91	11.2	40.0	60.0#
77	11.6	17.5	26.3#



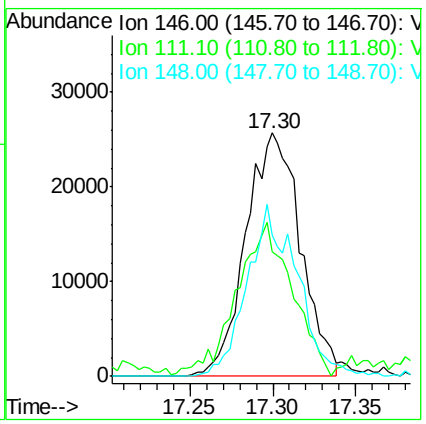


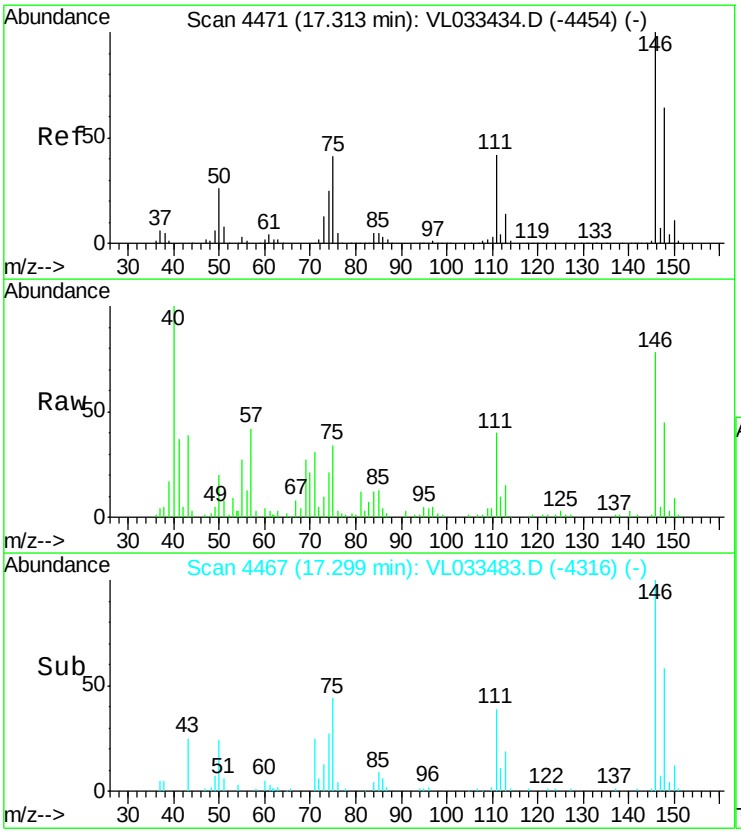
#75
1,3-Dichlorobenzene
Concen: 0.394 ppbv
RT: 17.30 min Scan# 4467
Delta R.T. 0.13 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:146 Resp: 58794

Ion	Ratio	Lower	Upper
146	100		
111	61.1	22.9	68.8
148	64.6	32.0	96.2





#76
1,4-Dichlorobenzene
Concen: 0.405 ppbv
RT: 17.30 min Scan# 4467
Delta R.T. -0.01 min
Lab File: VL033483.D
Acq: 28 Mar 2019 00:51

Tgt Ion:146 Resp: 58794

Ion	Ratio	Lower	Upper
146	100		
111	63.9	21.7	65.1
148	65.0	32.0	96.2