Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032019\
Data File : VL033398.D
Acq On : 20 Mar 2019 20:28
Operator : SY/AP
Sample : K1975-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA1

Quant Time: Mar 21 12:38:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Mar 15 14:52:14 2019
QLast Update : Fri Mar 15 14:52:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.77	49	828785	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.30	114	1953540	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.25	117	1968450	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.58	95	1526570	10.47	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	70767	0.486	ppbv		96
3) Chlorodifluoromethane	3.01	51	72105	0.758	ppbv		92
4) Chloromethane	3.17	50	159912	3.104	ppbv		97
7) Chloroethane	3.60	64	3800	0.205	ppbv		100
9) Propene	3.24	41	375720	8.848	ppbv		94
10) Heptane	8.25	43	904479	8.587	ppbv		99
11) Trichlorofluoromethane	4.00	101	124088	0.855	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.55	101	7494	0.078	ppbv		88
13) Ethanol	3.66	45	1917213	94.706	ppbv		98
15) Acetone	3.90	43	17271998	134.065	ppbv	#	83
16) 1,3-Butadiene	3.34	39	77788	1.859	ppbv	#	9
17) tert-Butyl alcohol	4.38	59	24290	1.340	ppbv	#	74
19) Isopropyl Alcohol	4.04	45	143574	2.343	ppbv	#	95
20) Methylene Chloride	4.42	84	118769	2.827	ppbv		96
21) Allyl Chloride	4.44	41	155611	2.490	ppbv	#	53
23) Vinyl Acetate	5.14	43	678947	4.555	ppbv	#	1
25) Ethyl Acetate	5.78	43	890486	4.755	ppbv	#	81
26) Hexane	5.78	57	1131865	13.519	ppbv	#	42
28) Methyl tert-Butyl Ether	5.12	73	11379	0.092	ppbv	#	54
30) Cyclohexane	7.25	84	231023	3.442	ppbv		93
34) 2-Butanone	5.33	43	1098312	8.561	ppbv		99
36) Benzene	7.01	78	601993	3.443	ppbv		98
38) Trichloroethene	7.97	130	22968	0.347	ppbv	#	85
39) 1,2-Dichloropropane	7.30	63	510979	7.804	ppbv	#	23
40) 1,4-Dioxane	8.00	88	2522	0.109	ppbv	#	1
41) Tetrahydrofuran	6.21	42	9578	0.140	ppbv	#	50
42) Bromodichloromethane	7.91	83	47611	0.321	ppbv	#	28
44) 2,2,4-Trimethylpentane	7.99	57	1341160	4.631	ppbv	#	77
50) 4-Methyl-2-Pentanone	8.89	43	60562	0.334	ppbv		95
51) 2-Hexanone	10.25	43	111622	0.798	ppbv	#	41
52) Tetrachloroethene	11.41	164	18579231	255.085	ppbv		88
53) Toluene	9.96	91	15739540	79.229	ppbv		91
58) Ethyl Benzene	12.87	91	1031249	3.703	ppbv		100
59) m/p-Xylene	13.13	91	3096481	12.939	ppbv	#	100
60) o-Xylene	13.85	91	1217574	5.215	ppbv		99
61) Styrene	13.70	104	8371	0.051	ppbv	#	27
62) Isopropylbenzene	14.83	105	47120	0.145	ppbv	#	22
64) n-propylbenzene	15.72	120	107984	1.315	ppbv		96
65) tert-Butylbenzene	16.93	119	199347	0.682	ppbv	#	65
66) Benzyl Chloride	17.36	91	7615	0.063	ppbv	#	76
67) sec-Butylbenzene	17.46	105	23045	0.056	ppbv	#	35

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032019\
Data File : VL033398.D
Acq On : 20 Mar 2019 20:28
Operator : SY/AP
Sample : K1975-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA1

Quant Time: Mar 21 12:38:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Mar 15 14:52:14 2019
QLast Update : Fri Mar 15 14:52:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
70) n-Butylbenzene	18.72	91	91546	0.254	ppbv	#	1
71) 2-Chlorotoluene	15.72	91	533699	2.112	ppbv	#	47
72) 4-Ethyltoluene	16.00	105	613868	2.315	ppbv		99
73) 1,3,5-Trimethylbenzene	16.16	105	502474	1.945	ppbv		99
74) 1,2,4-Trimethylbenzene	16.93	105	1864833	6.817	ppbv	#	69
79) Naphthalene	22.41	128	158079	0.600	ppbv		97
80) Naphthalene,2-methyl-	25.12	142	69222	0.554	ppbv	#	80

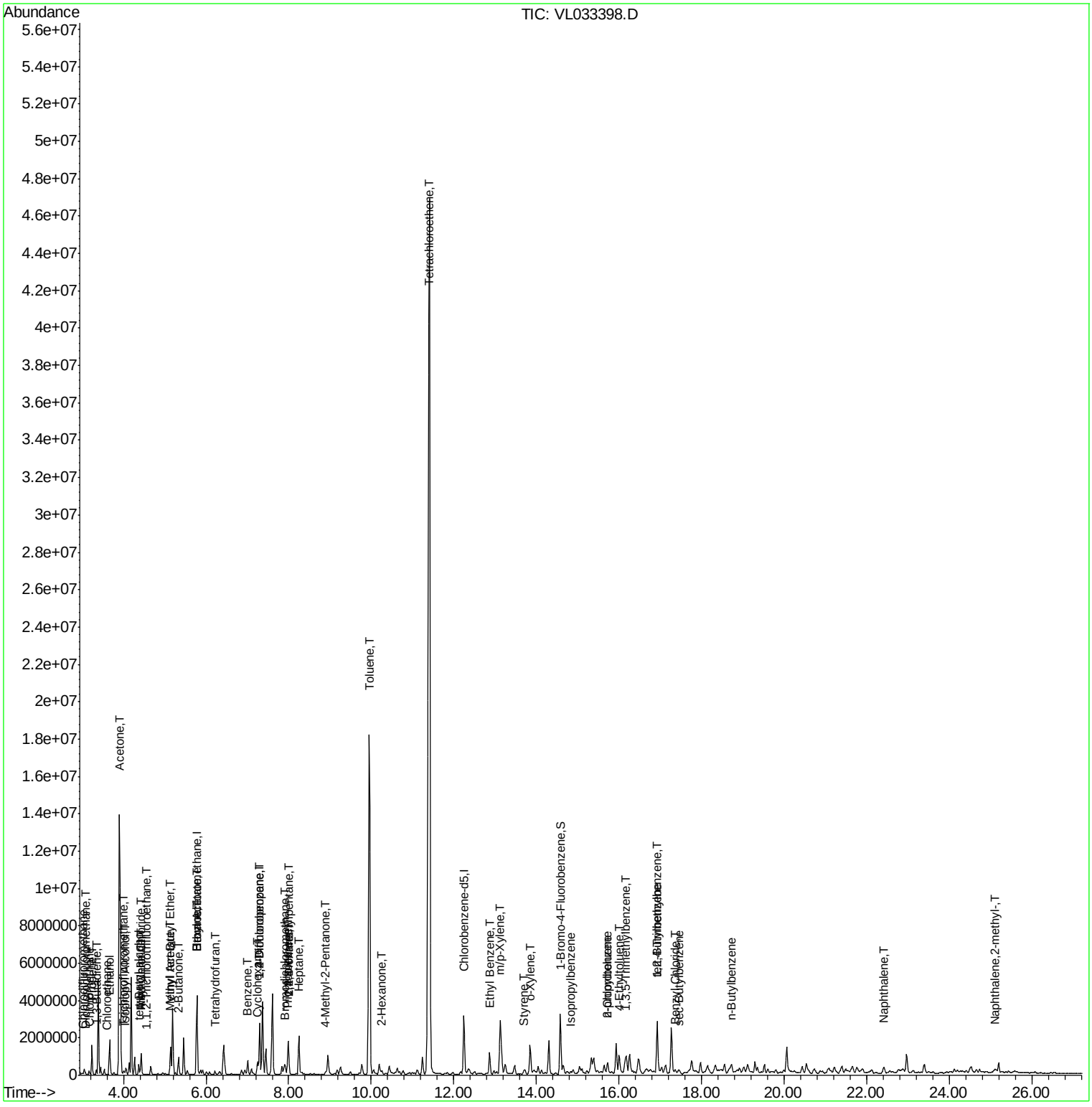
(#) = qualifier out of range (m) = manual integration (+) = signals summed

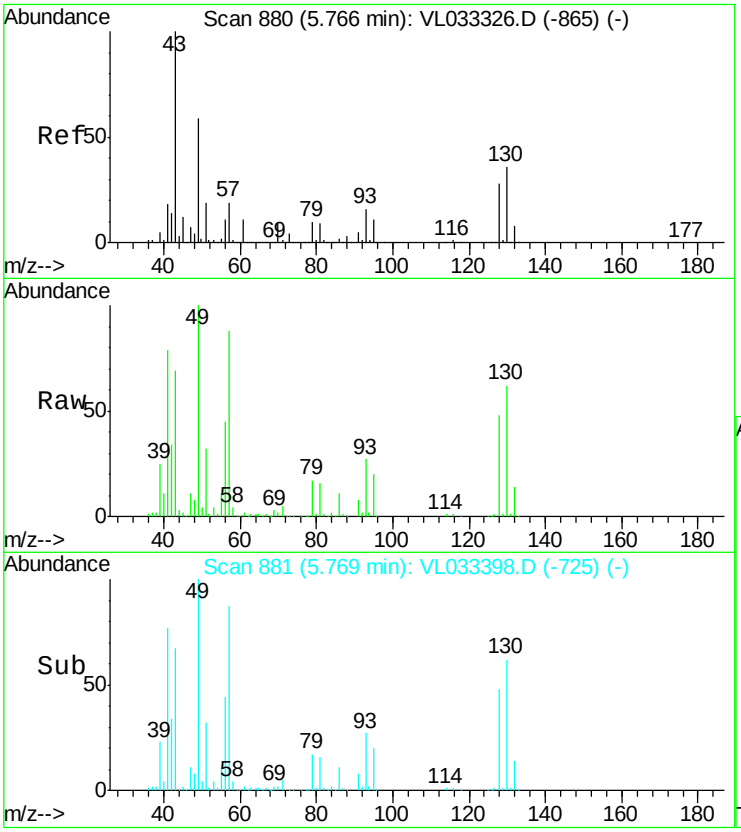
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032019\
Data File : VL033398.D
Acq On : 20 Mar 2019 20:28
Operator : SY/AP
Sample : K1975-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA1

Quant Time: Mar 21 12:38:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL031519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Mar 15 14:52:14 2019
QLast Update : Fri Mar 15 14:52:14 2019
Response via : Initial Calibration



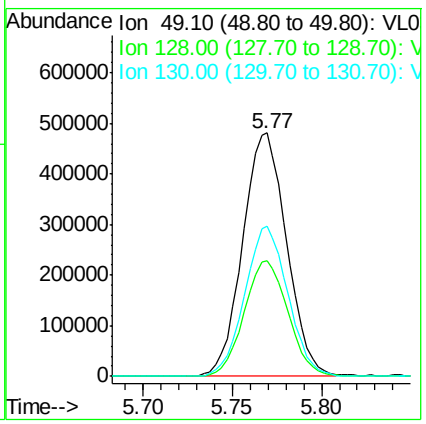


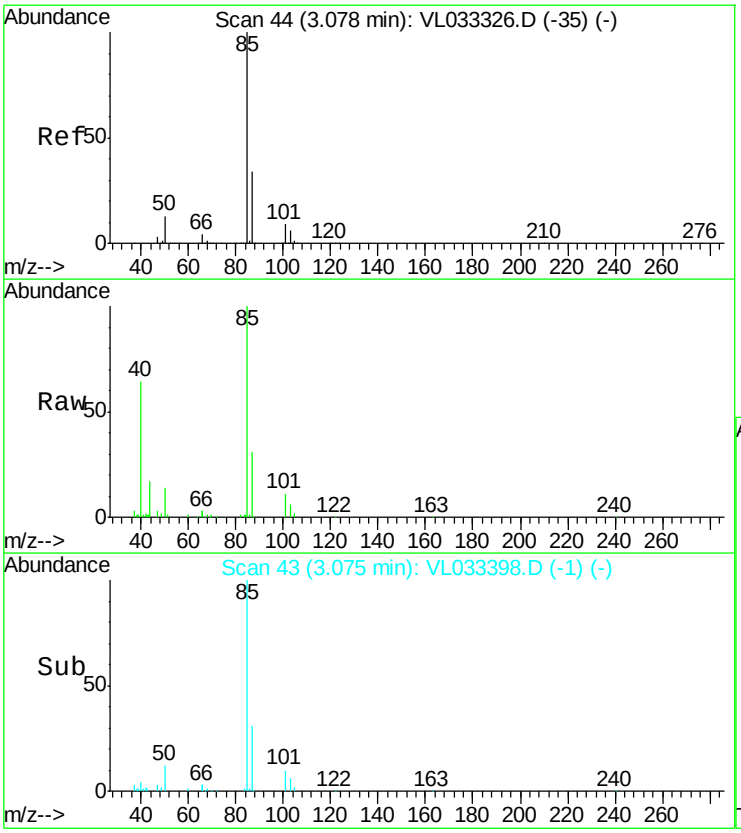
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 881
Delta R.T. 0.00 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 49 Resp: 828785

Ion	Ratio	Lower	Upper
49	100		
128	47.5	23.5	70.6
130	61.2	30.1	90.3

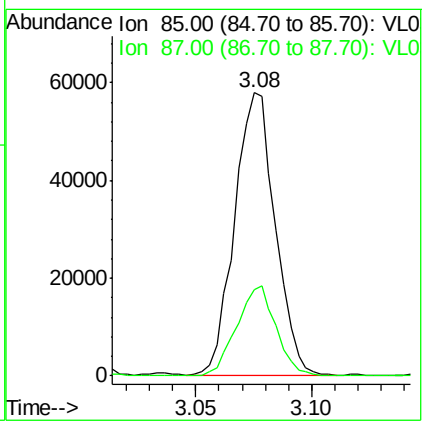


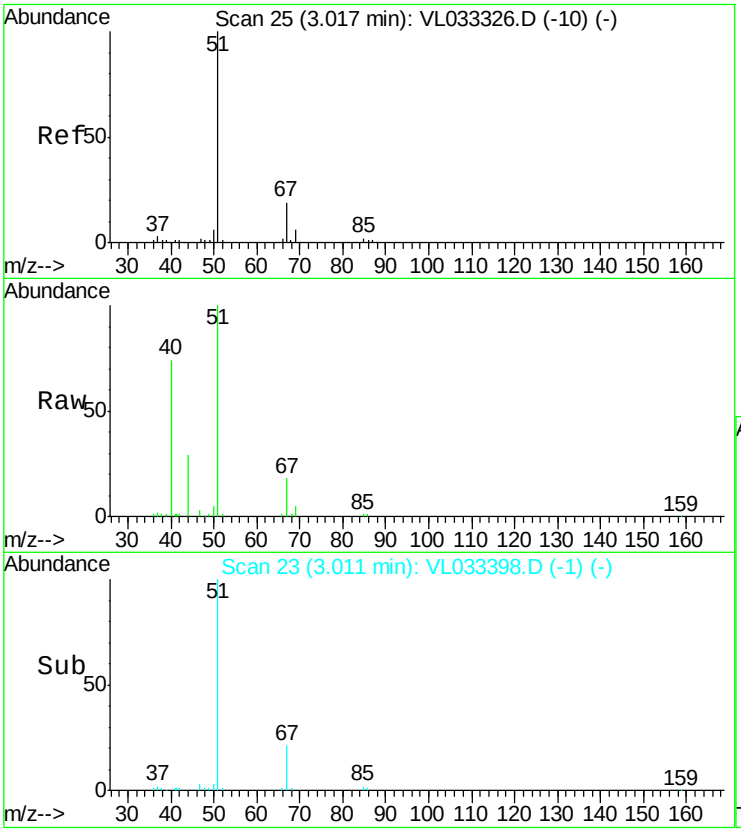


#2
Dichlorodifluoromethane
Concen: 0.486 ppbv
RT: 3.08 min Scan# 43
Delta R.T. -0.00 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Tgt Ion: 85 Resp: 70767

Ion	Ratio	Lower	Upper
85	100		
87	31.1	26.9	40.3



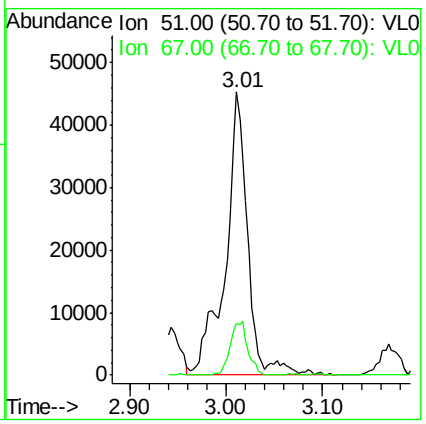


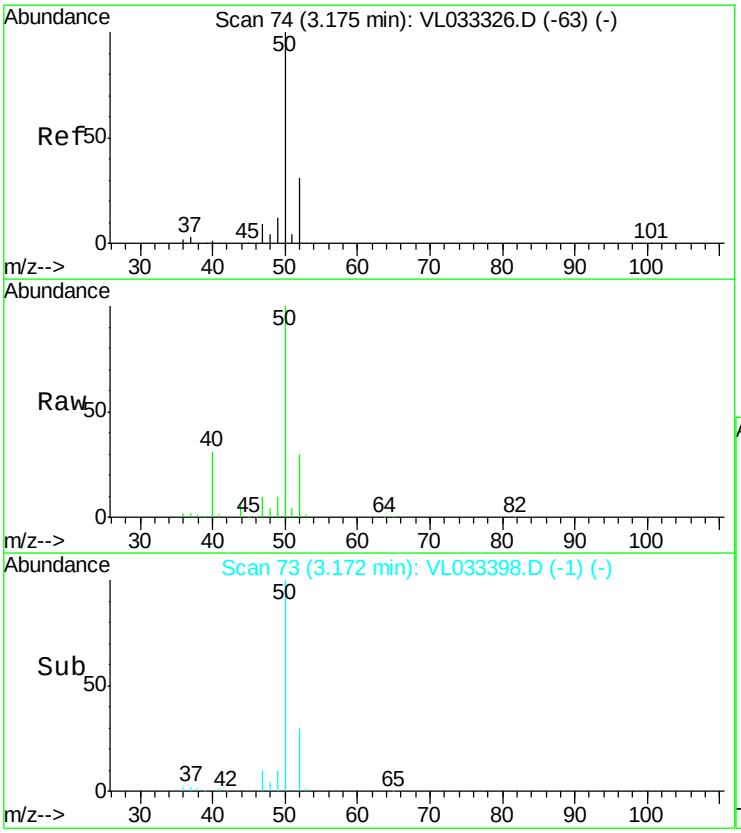
#3
Chlorodifluoromethane
Concen: 0.758 ppbv
RT: 3.01 min Scan# 23
Delta R.T. -0.01 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 51 Resp: 72105

Ion	Ratio	Lower	Upper
51	100		
67	15.0	14.9	22.3

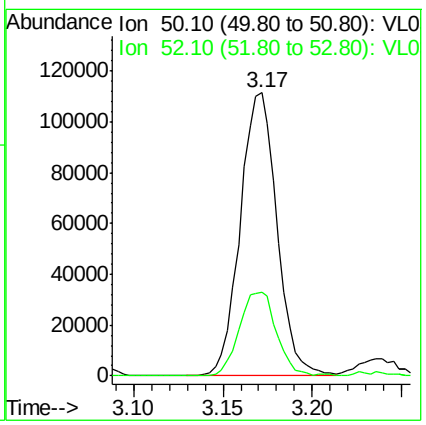


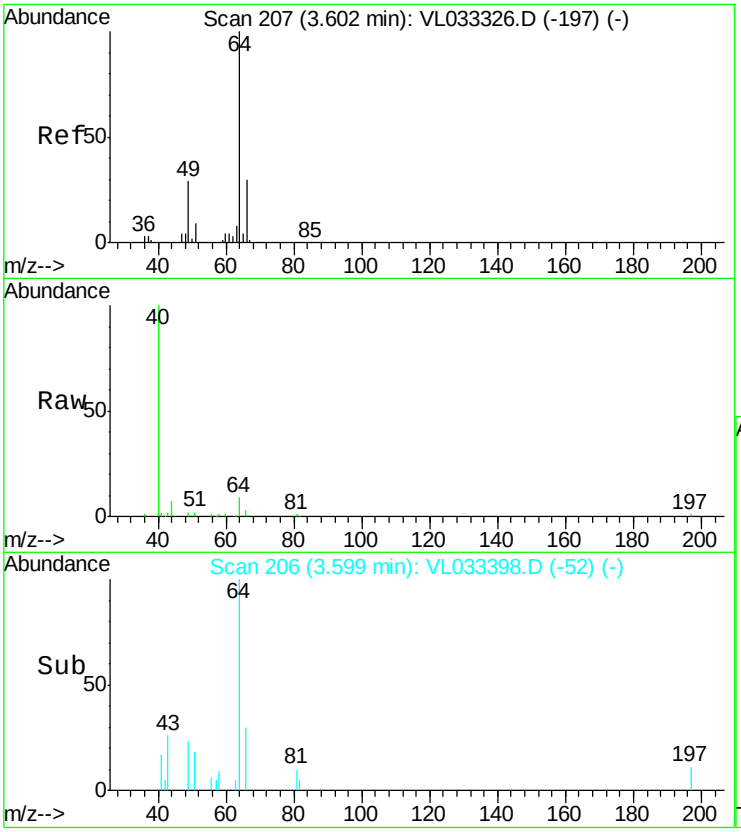


#4
Chloromethane
Concen: 3.104 ppbv
RT: 3.17 min Scan# 73
Delta R.T. -0.00 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Tgt Ion: 50 Resp: 159912

Ion	Ratio	Lower	Upper
50	100		
52	29.6	25.0	37.6



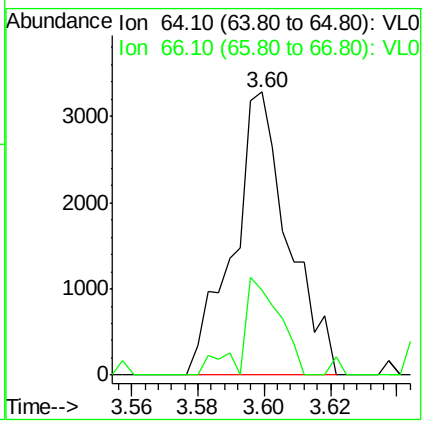


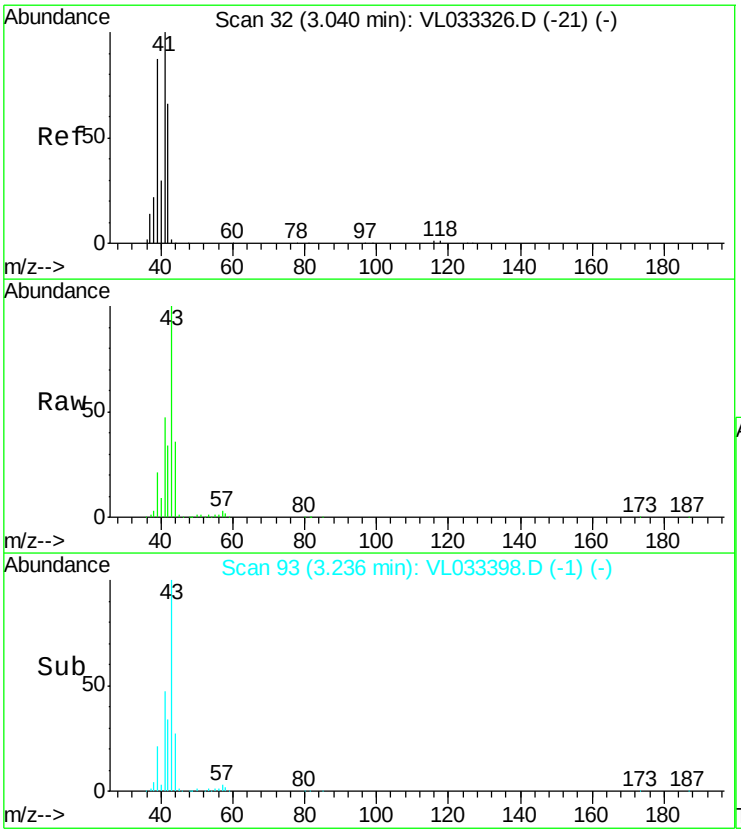
#7
Chloroethane
Concen: 0.205 ppbv
RT: 3.60 min Scan# 206
Delta R.T. -0.00 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Instrument : MSVOA_L
ClientSampleId : IA1

Tgt Ion: 64 Resp: 3800

Ion	Ratio	Lower	Upper
64	100		
66	30.1	24.0	36.0

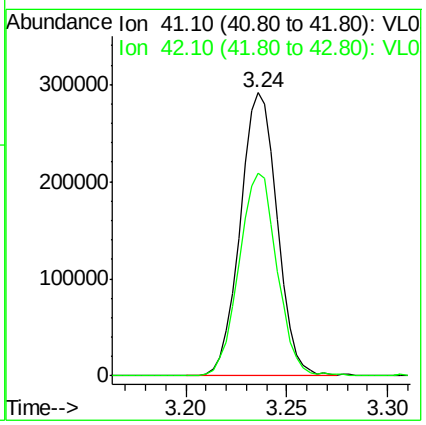


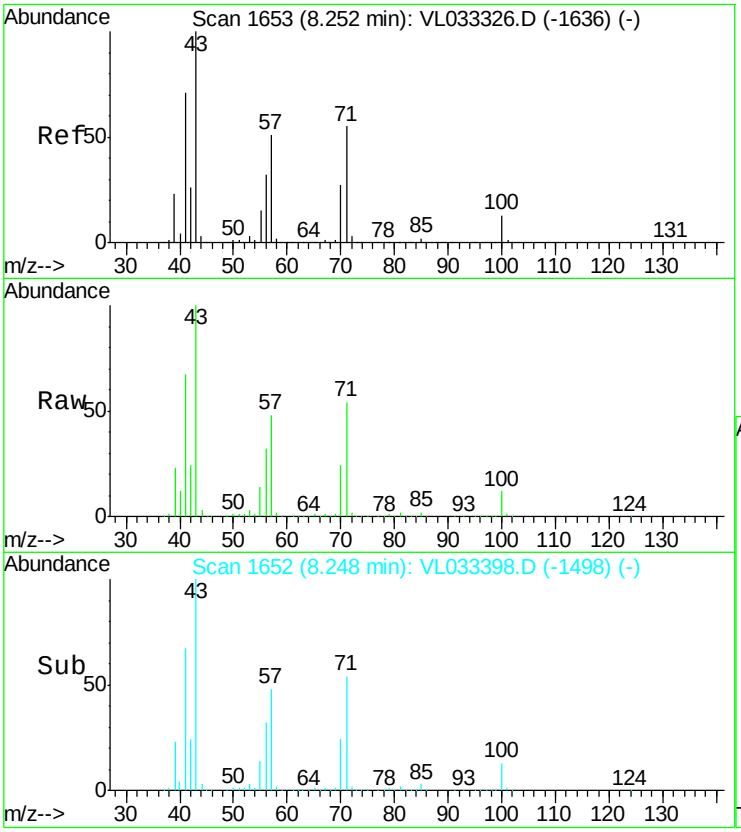


#9
Propene
Concen: 8.848 ppbv
RT: 3.24 min Scan# 93
Delta R.T. 0.20 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Tgt Ion: 41 Resp: 375720

Ion	Ratio	Lower	Upper
41	100		
42	74.1	55.2	82.8



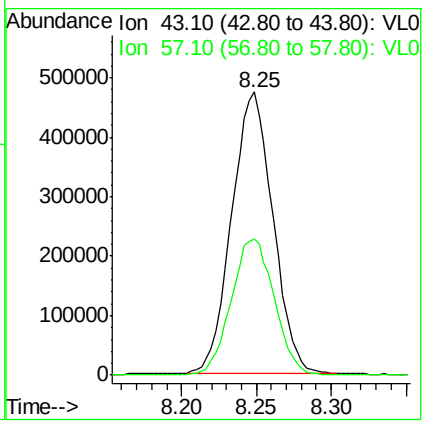


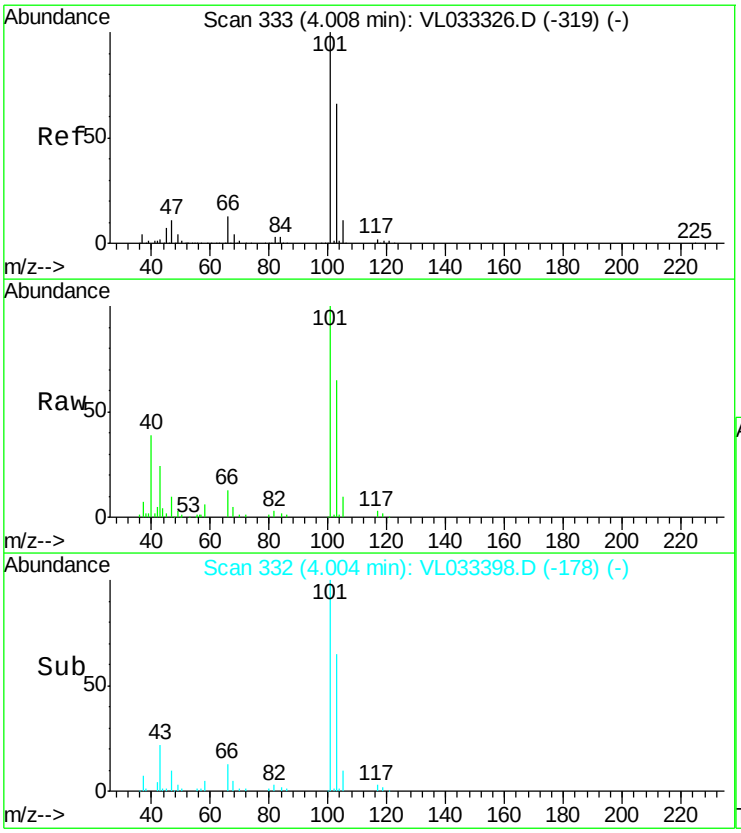
#10
Heptane
Concen: 8.587 ppbv
RT: 8.25 min Scan# 1652
Delta R.T. -0.00 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Instrument : MSVOA_L
ClientSampleId : IA1

Tgt Ion: 43 Resp: 904479

Ion	Ratio	Lower	Upper
43	100		
57	50.9	40.4	60.6

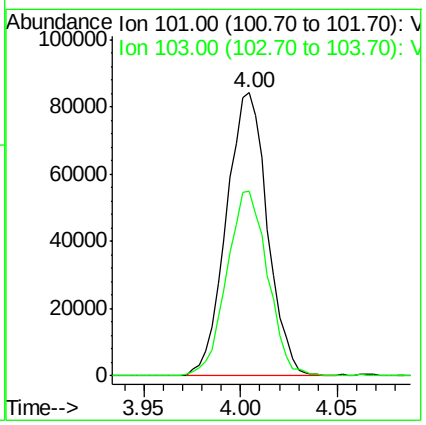


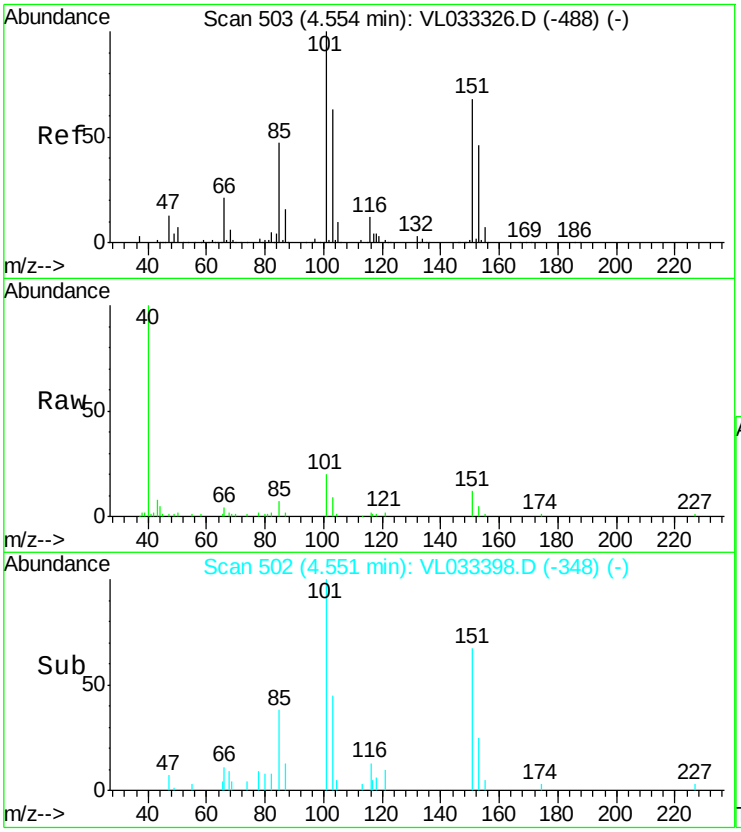


#11
Trichlorofluoromethane
Concen: 0.855 ppbv
RT: 4.00 min Scan# 332
Delta R.T. -0.00 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Tgt Ion:101 Resp: 124088

Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.9	79.3



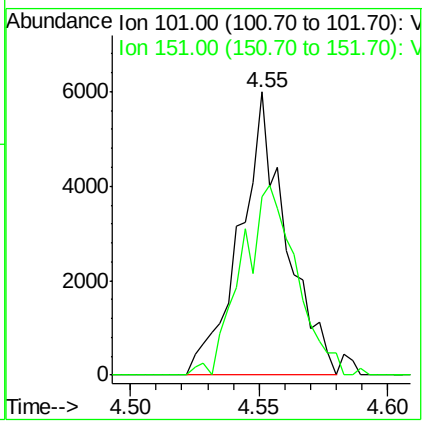


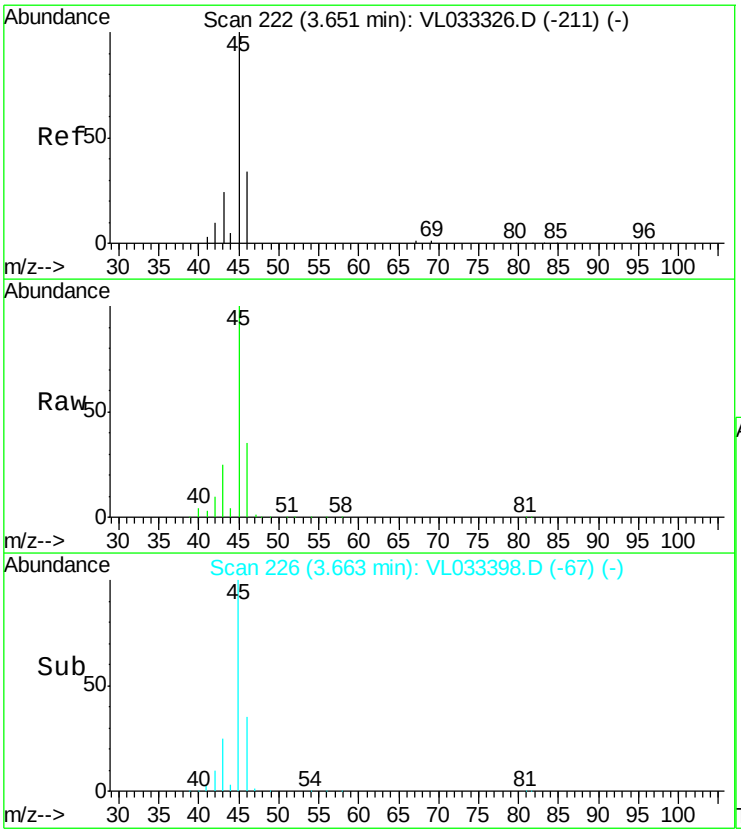
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.078 ppbv
RT: 4.55 min Scan# 502
Delta R.T. -0.00 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion:101 Resp: 7494

Ion	Ratio	Lower	Upper
101	100		
151	80.2	56.3	84.5

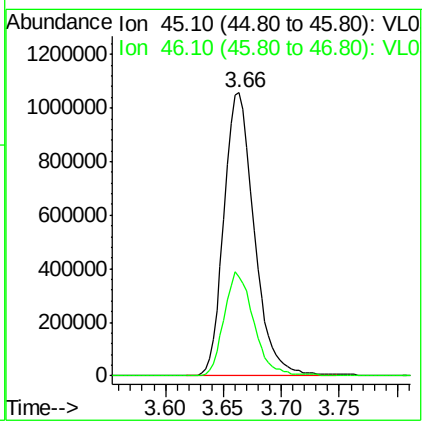


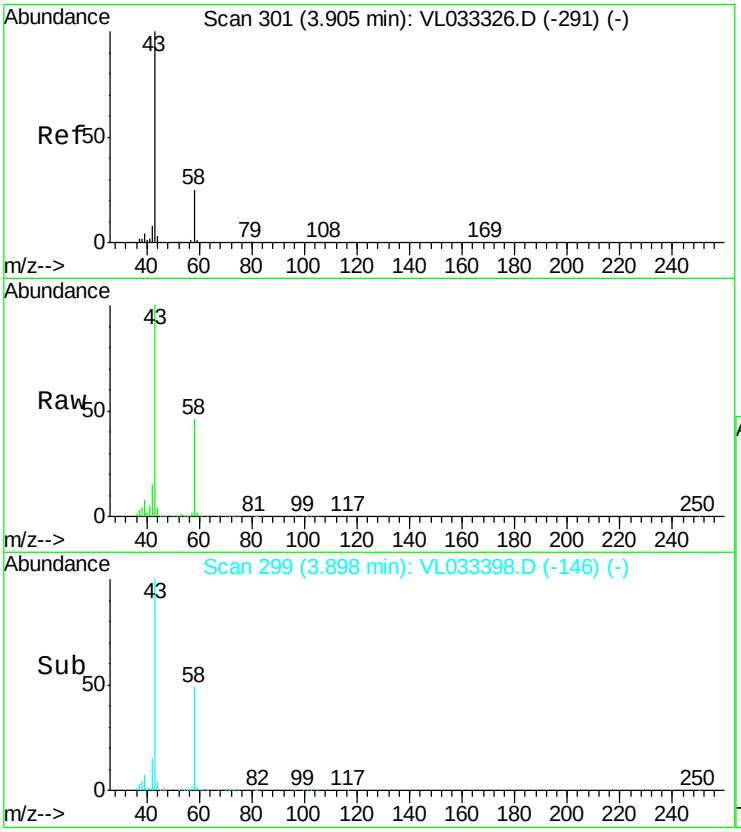


#13
Ethanol
Concen: 94.706 ppbv
RT: 3.66 min Scan# 226
Delta R.T. 0.01 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Tgt Ion: 45 Resp: 1917213

Ion	Ratio	Lower	Upper
45	100		
46	36.0	14.9	59.7



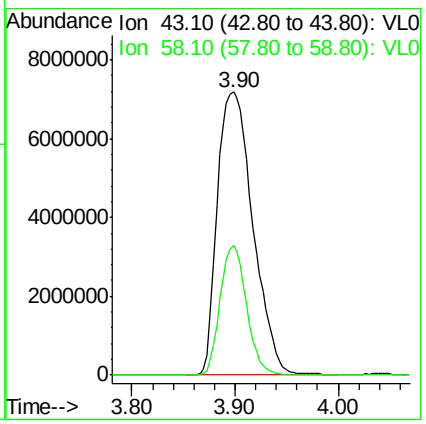


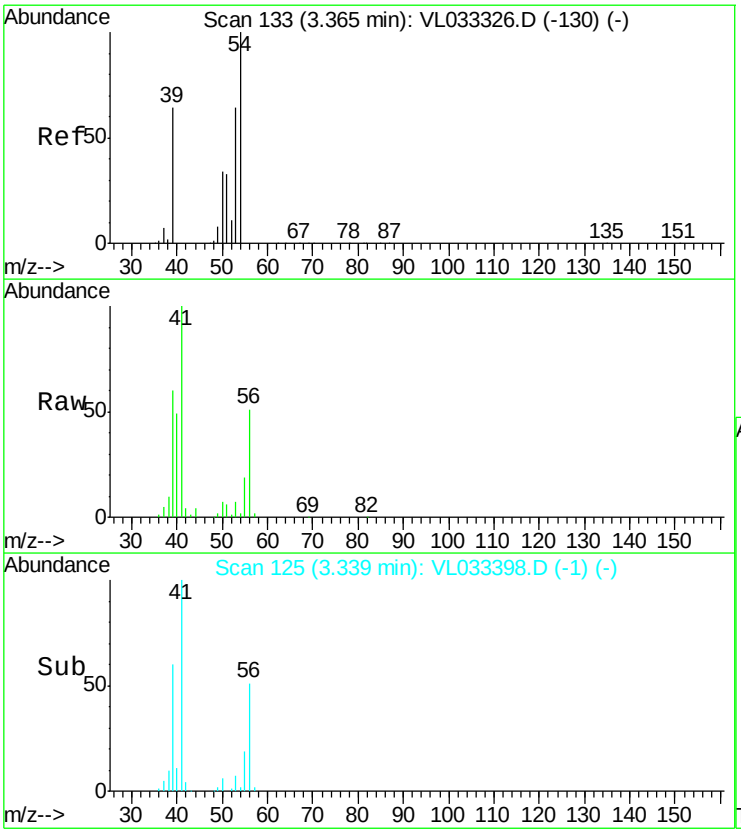
#15
Acetone
Concen: 134.065 ppbv
RT: 3.90 min Scan# 299
Delta R.T. -0.01 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 43 Resp:17271998

Ion	Ratio	Lower	Upper
43	100		
58	34.2	20.4	30.6#

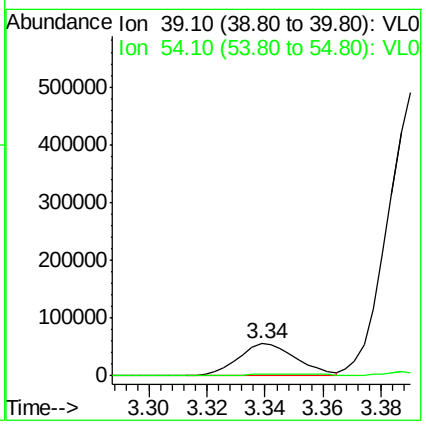


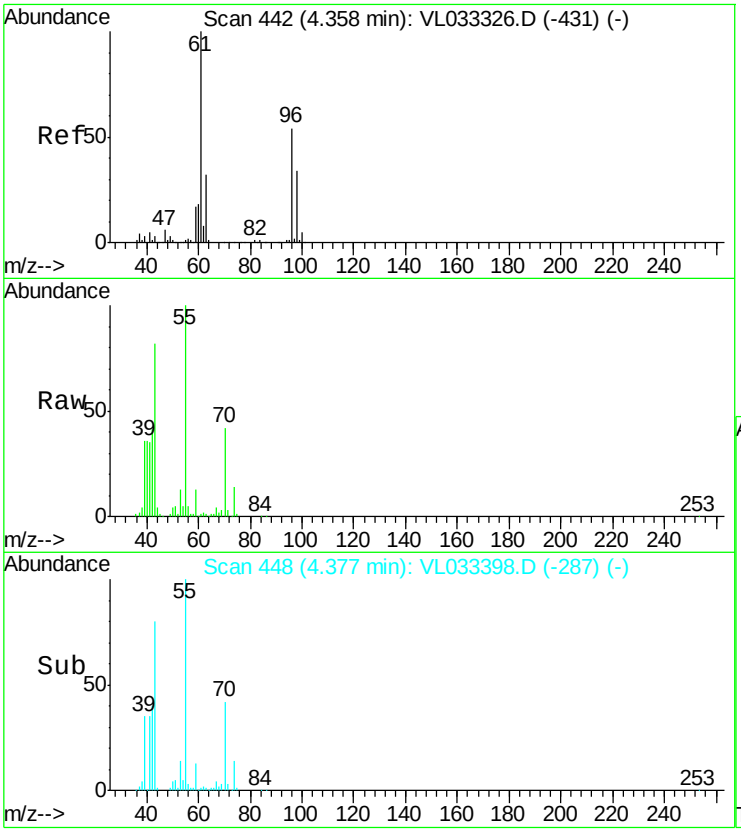


#16
1,3-Butadiene
Concen: 1.859 ppbv
RT: 3.34 min Scan# 125
Delta R.T. -0.03 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Tgt Ion: 39 Resp: 77788

Ion	Ratio	Lower	Upper
39	100		
54	7.4	76.8	115.2#



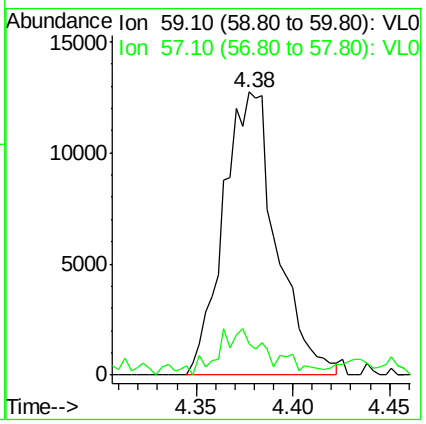


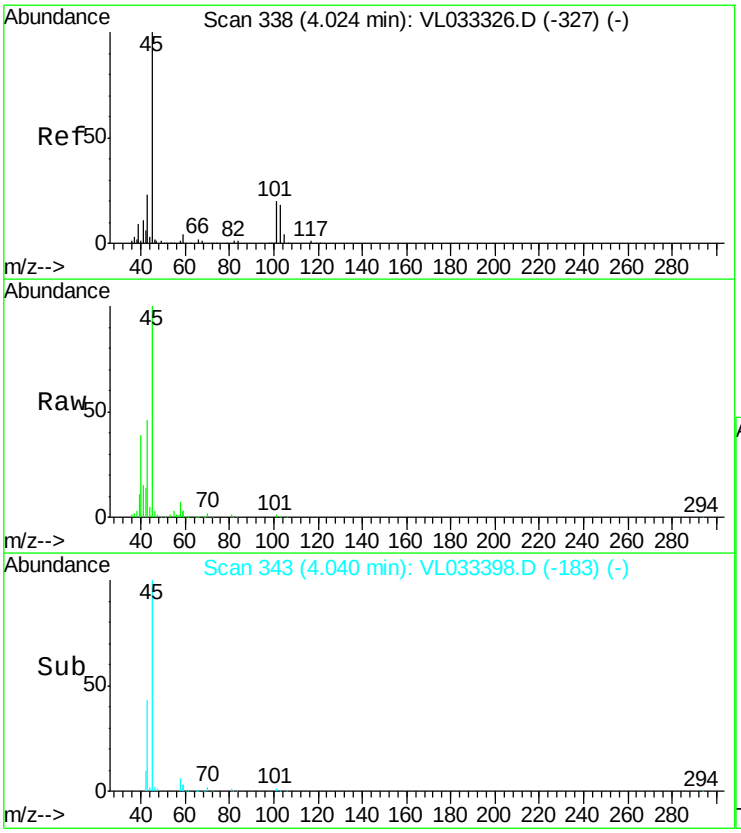
#17
tert-Butyl alcohol
Concen: 1.340 ppbv
RT: 4.38 min Scan# 448
Delta R.T. 0.02 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 59 Resp: 24290

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.7	11.5#

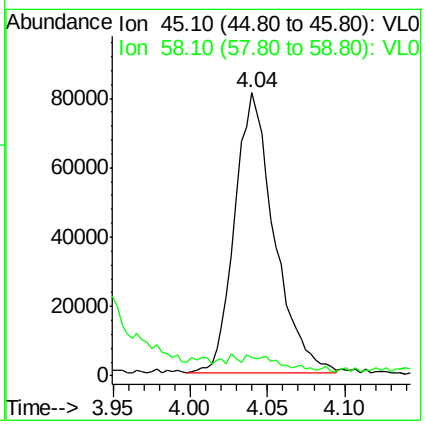


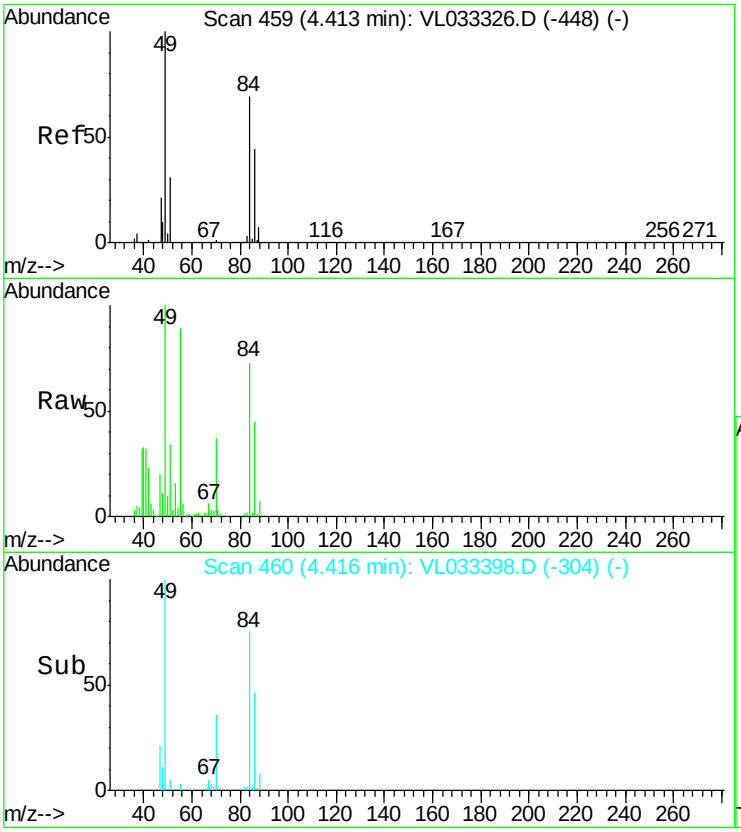


#19
Isopropyl Alcohol
Concen: 2.343 ppbv
RT: 4.04 min Scan# 343
Delta R.T. 0.02 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Tgt Ion: 45 Resp: 143574

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.5	2.3#



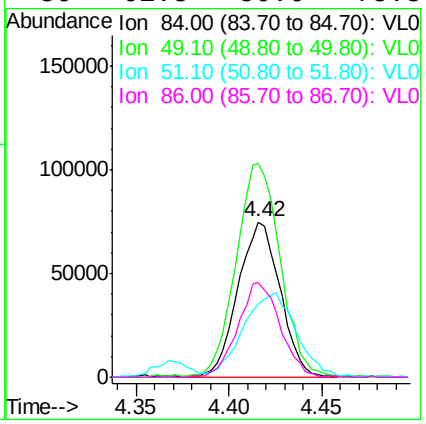


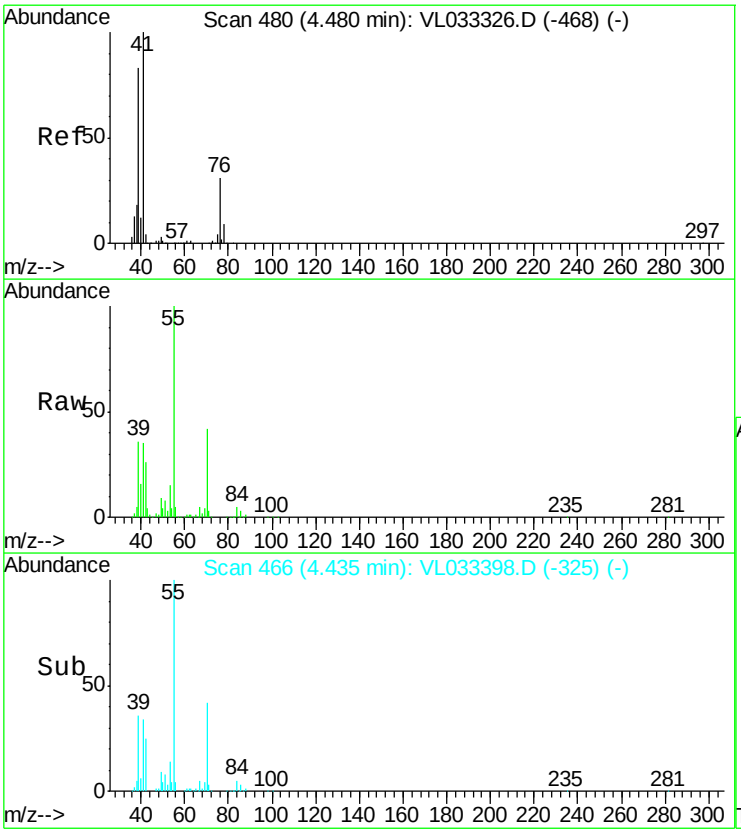
#20
Methylene Chloride
Concen: 2.827 ppbv
RT: 4.42 min Scan# 460
Delta R.T. 0.00 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Instrument : MSVOA_L
ClientSampleId : IA1

Tgt Ion: 84 Resp: 118769

Ion	Ratio	Lower	Upper
84	100		
49	136.8	115.4	173.0
51	44.8	35.8	53.6
86	61.3	50.6	75.8

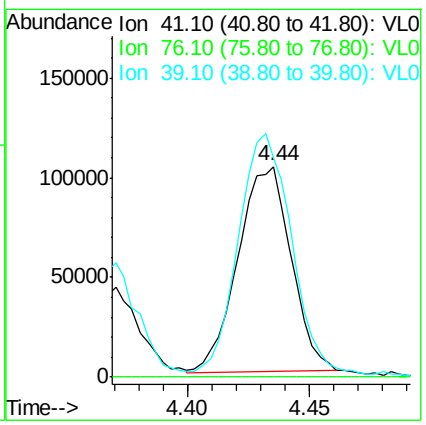


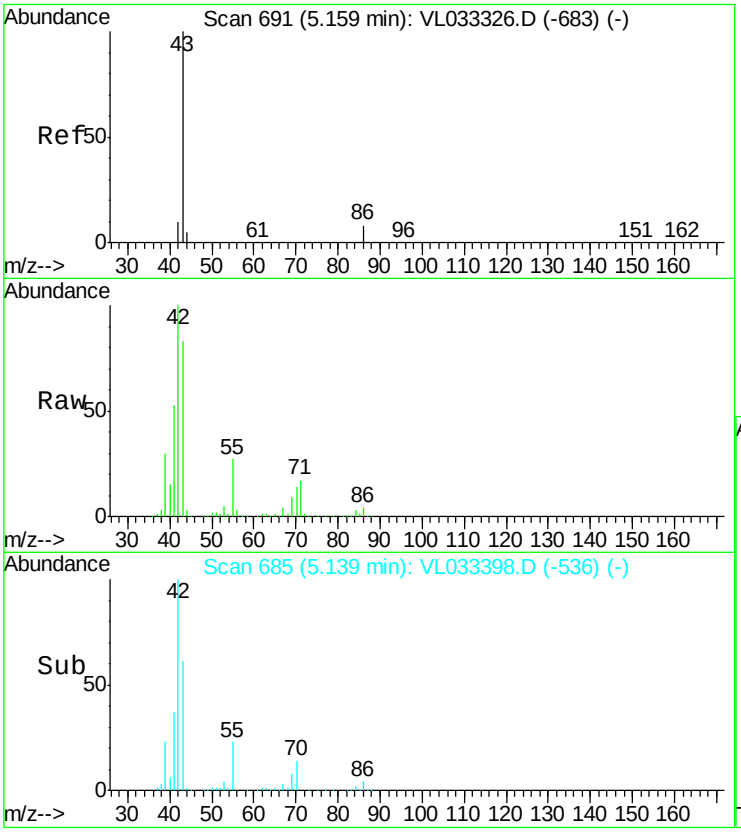


#21
Allyl Chloride
Concen: 2.490 ppbv
RT: 4.44 min Scan# 466
Delta R.T. -0.05 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Tgt Ion: 41 Resp: 155611

Ion	Ratio	Lower	Upper
41	100		
76	0.0	25.0	37.4#
39	121.7	65.9	98.9#



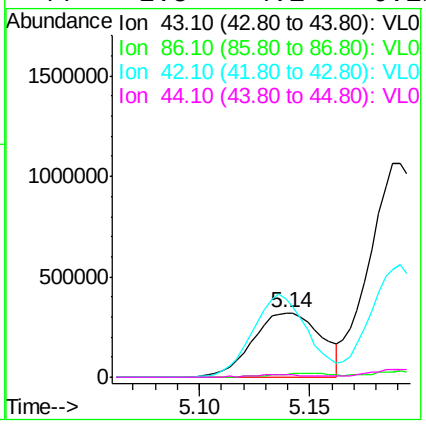


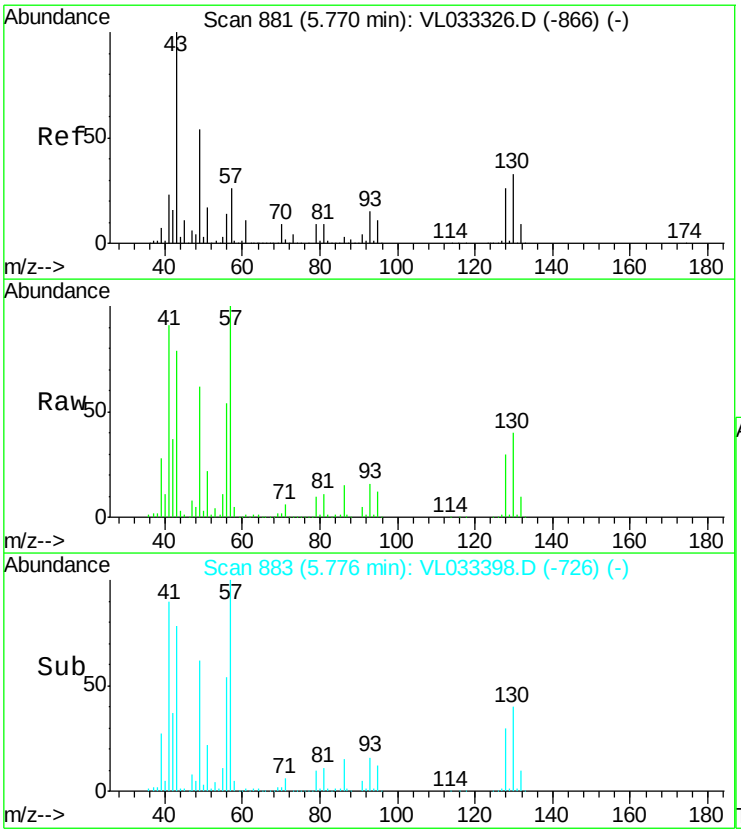
#23
Vinyl Acetate
Concen: 4.555 ppbv
RT: 5.14 min Scan# 685
Delta R.T. -0.02 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Instrument : MSVOA_L
ClientSampleId : IA1

Tgt Ion: 43 Resp: 678947

Ion	Ratio	Lower	Upper
43	100		
86	4.8	6.2	9.2#
42	121.5	8.1	12.1#
44	2.5	4.1	6.1#

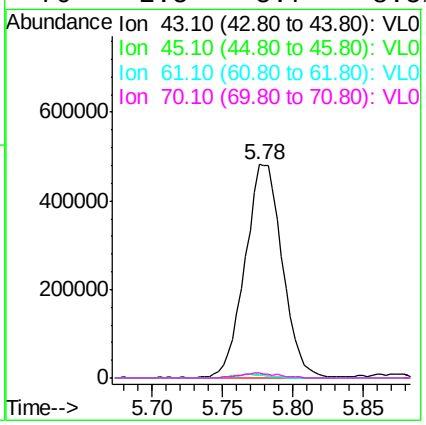


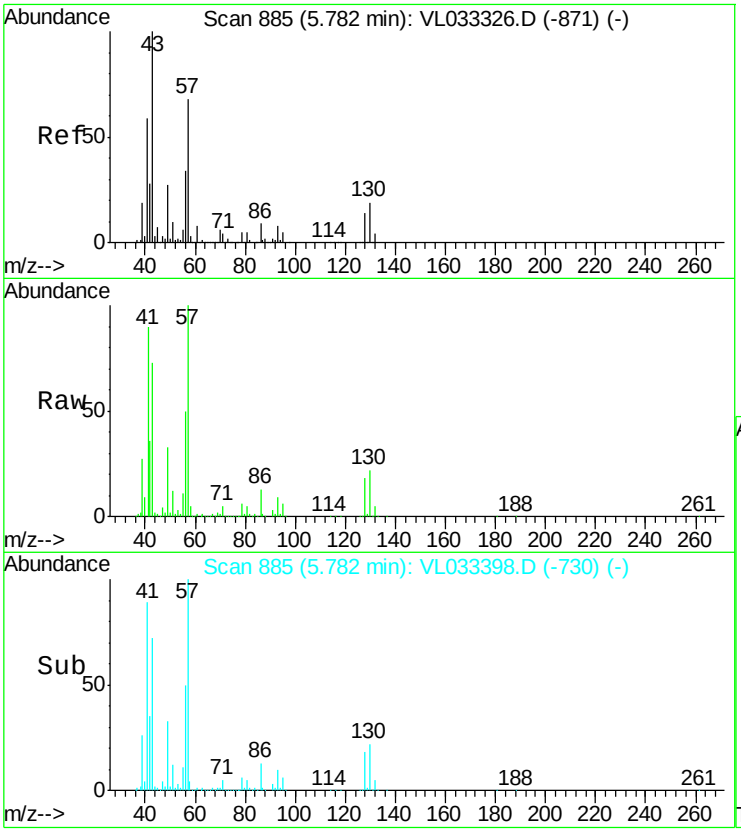


#25
Ethyl Acetate
Concen: 4.755 ppbv
RT: 5.78 min Scan# 883
Delta R.T. 0.01 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Tgt Ion: 43 Resp: 890486

Ion	Ratio	Lower	Upper
43	100		
45	2.0	7.9	11.9#
61	1.6	7.4	11.2#
70	2.5	5.7	8.5#



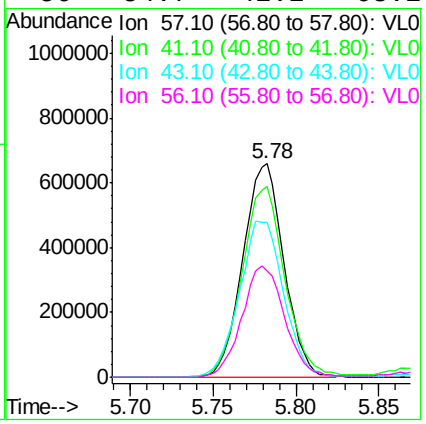


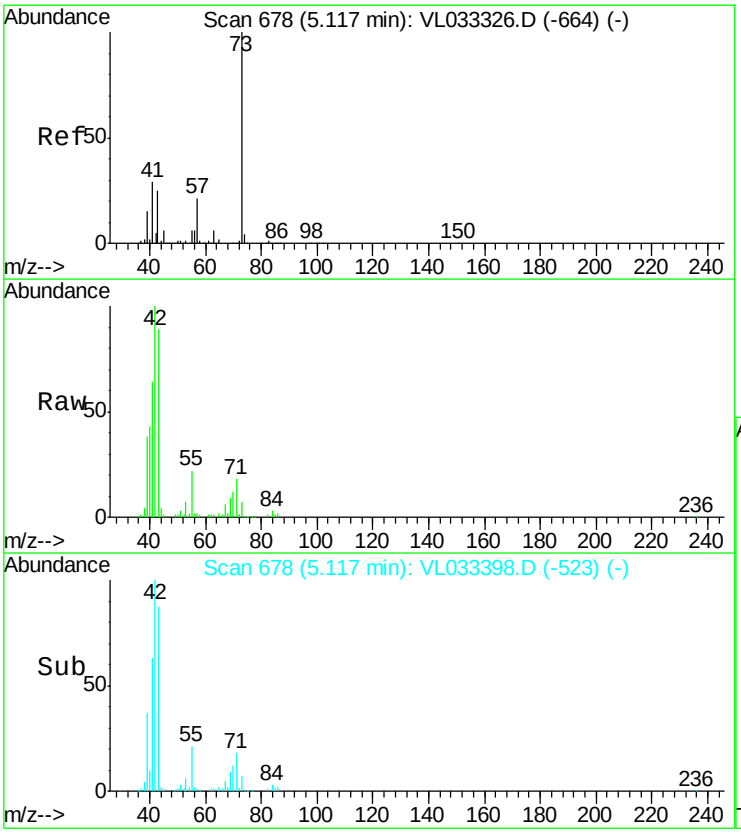
#26
Hexane
Concen: 13.519 ppbv
RT: 5.78 min Scan# 885
Delta R.T. -0.00 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 57 Resp: 1131865

Ion	Ratio	Lower	Upper
57	100		
41	94.2	70.5	105.7
43	79.0	181.8	272.8#
56	54.7	42.2	63.2

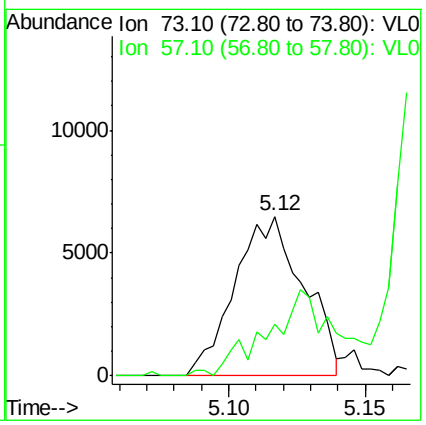


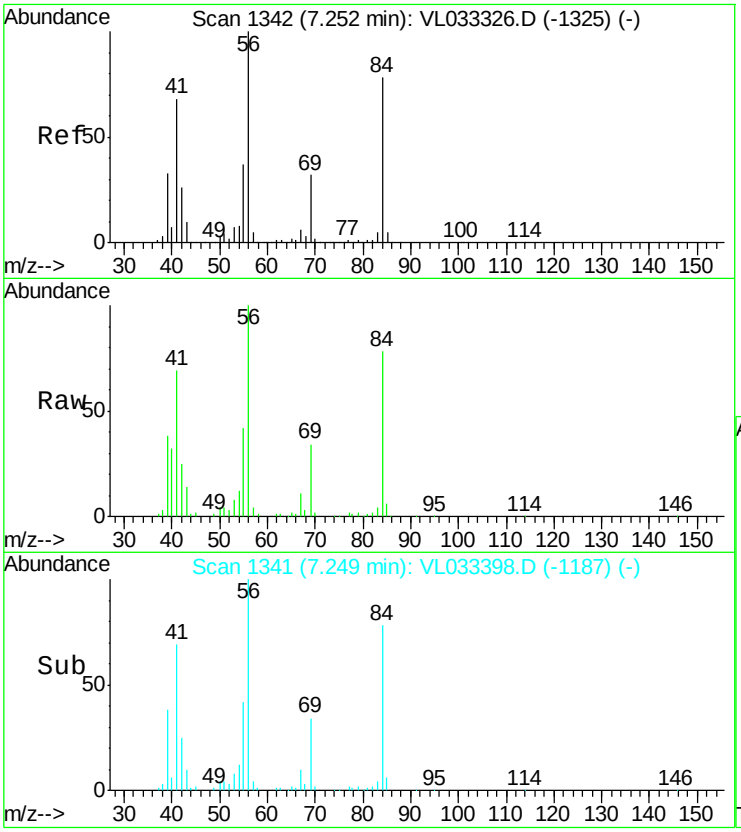


#28
Methyl tert-Butyl Ether
Concen: 0.092 ppbv
RT: 5.12 min Scan# 678
Delta R.T. -0.00 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Tgt Ion: 73 Resp: 11379

Ion	Ratio	Lower	Upper
73	100		
57	0.0	17.4	26.0#



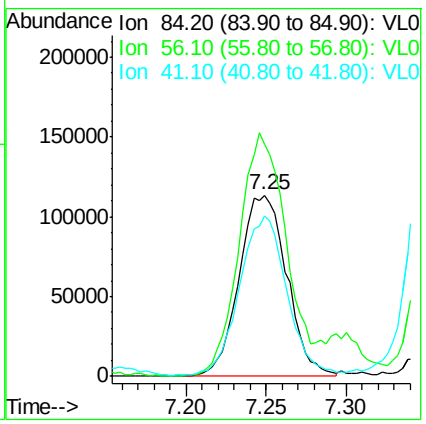


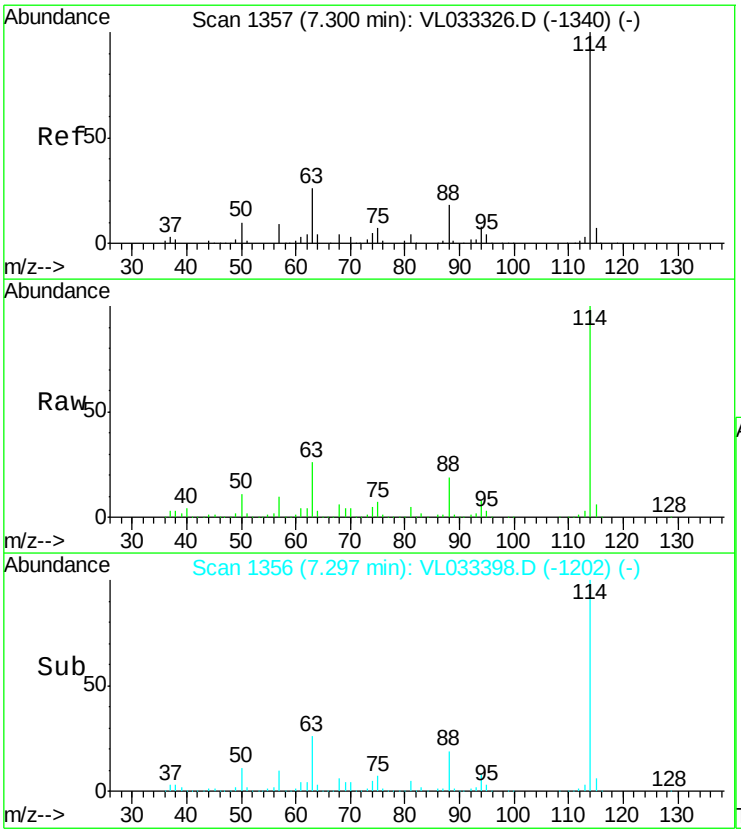
#30
Cyclohexane
Concen: 3.442 ppbv
RT: 7.25 min Scan# 1341
Delta R.T. -0.00 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Instrument : MSVOA_L
ClientSampleId : IA1

Tgt Ion: 84 Resp: 231023

Ion	Ratio	Lower	Upper
84	100		
56	152.5	111.3	166.9
41	87.5	69.6	104.4

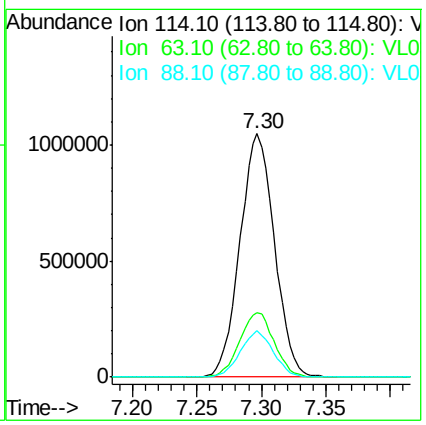


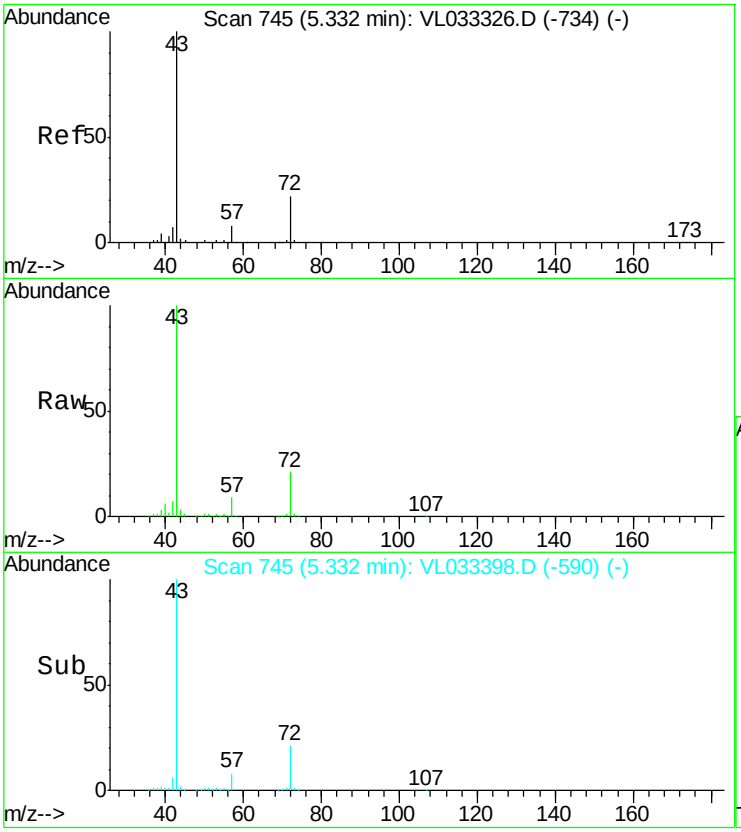


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1356
Delta R.T. -0.00 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Tgt Ion:114 Resp: 1953540

Ion	Ratio	Lower	Upper
114	100		
63	26.7	21.4	32.2
88	18.3	14.5	21.7



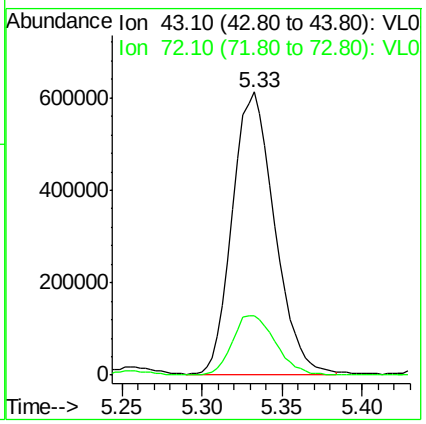


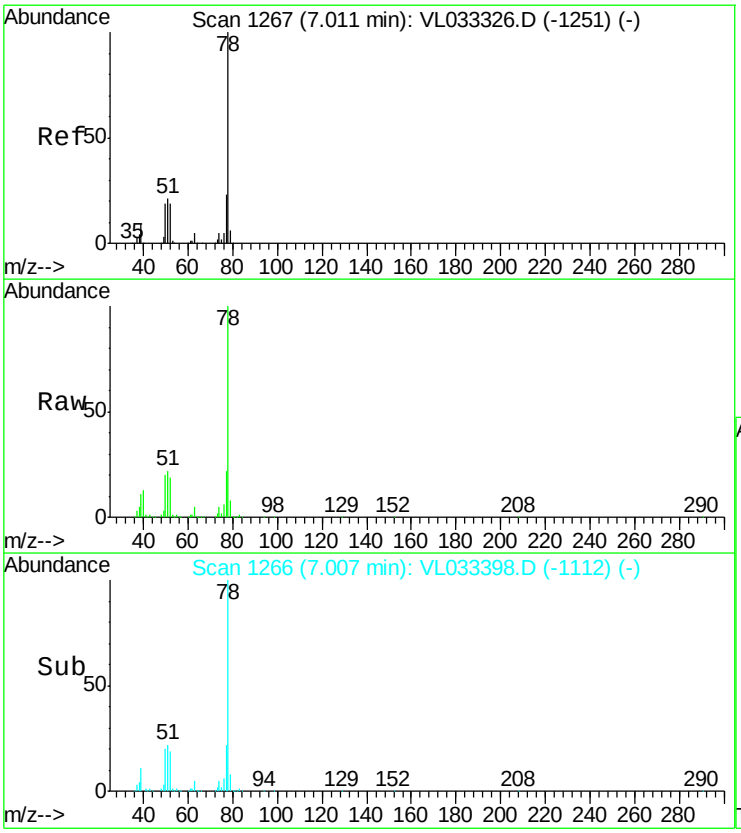
#34
2-Butanone
Concen: 8.561 ppbv
RT: 5.33 min Scan# 745
Delta R.T. -0.00 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 43 Resp: 1098312

Ion	Ratio	Lower	Upper
43	100		
72	21.7	17.7	26.5

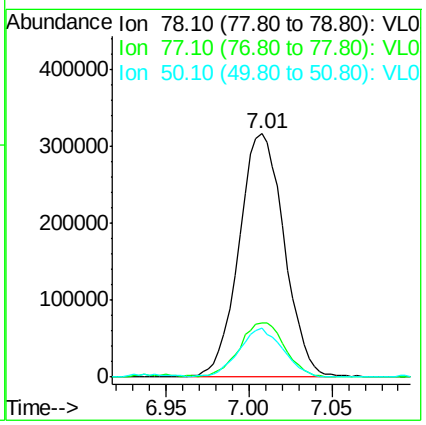


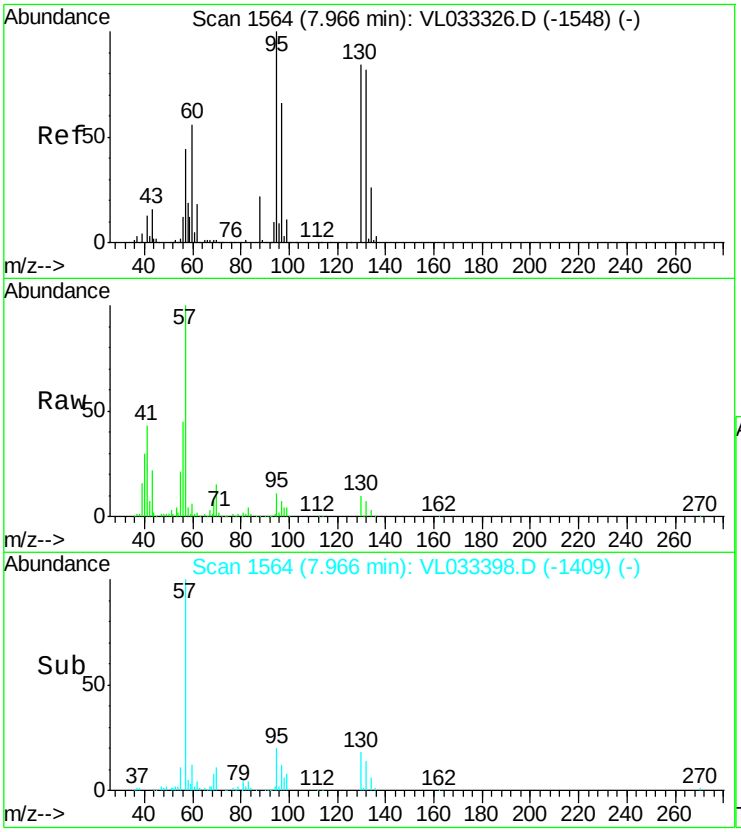


#36
Benzene
Concen: 3.443 ppbv
RT: 7.01 min Scan# 1266
Delta R.T. -0.00 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Tgt Ion: 78 Resp: 601993

Ion	Ratio	Lower	Upper
78	100		
77	22.1	18.1	27.1
50	20.3	15.2	22.8



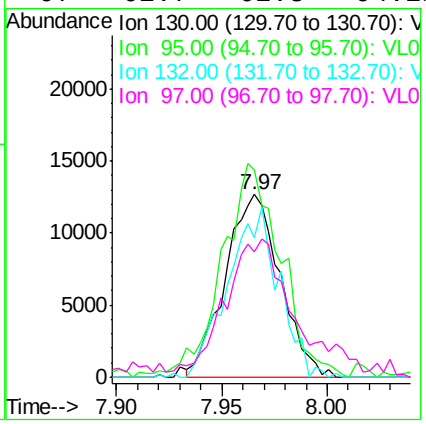


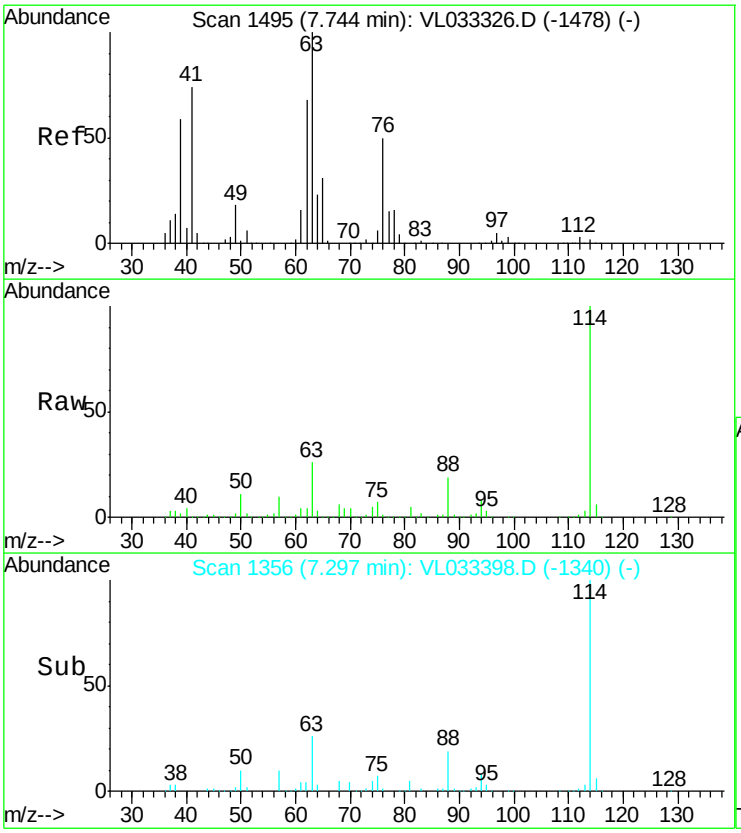
#38
Trichloroethene
Concen: 0.347 ppbv
RT: 7.97 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion:130 Resp: 22968

Ion	Ratio	Lower	Upper
130	100		
95	109.3	95.2	142.8
132	76.1	77.7	116.5#
97	62.7	62.8	94.2#

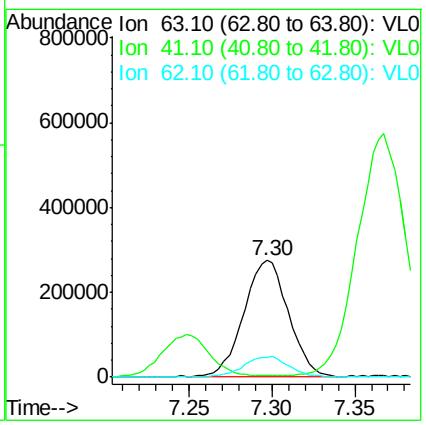


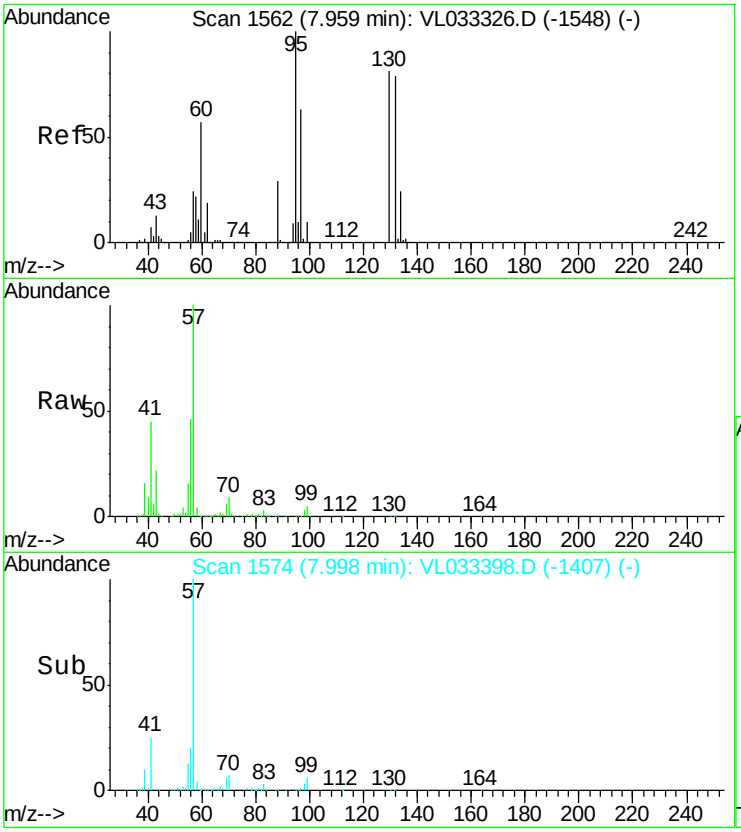


#39
1,2-Dichloropropane
Concen: 7.804 ppbv
RT: 7.30 min Scan# 1356
Delta R.T. -0.45 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Tgt Ion: 63 Resp: 510979

Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.5	89.3#
62	15.9	54.7	82.1#



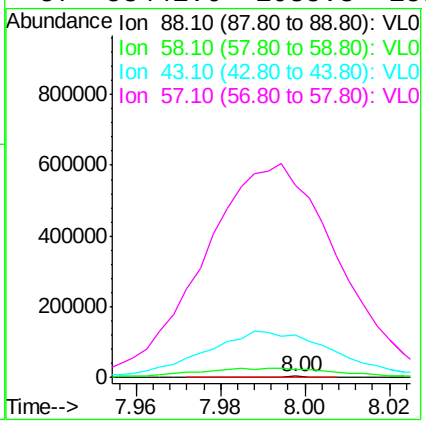


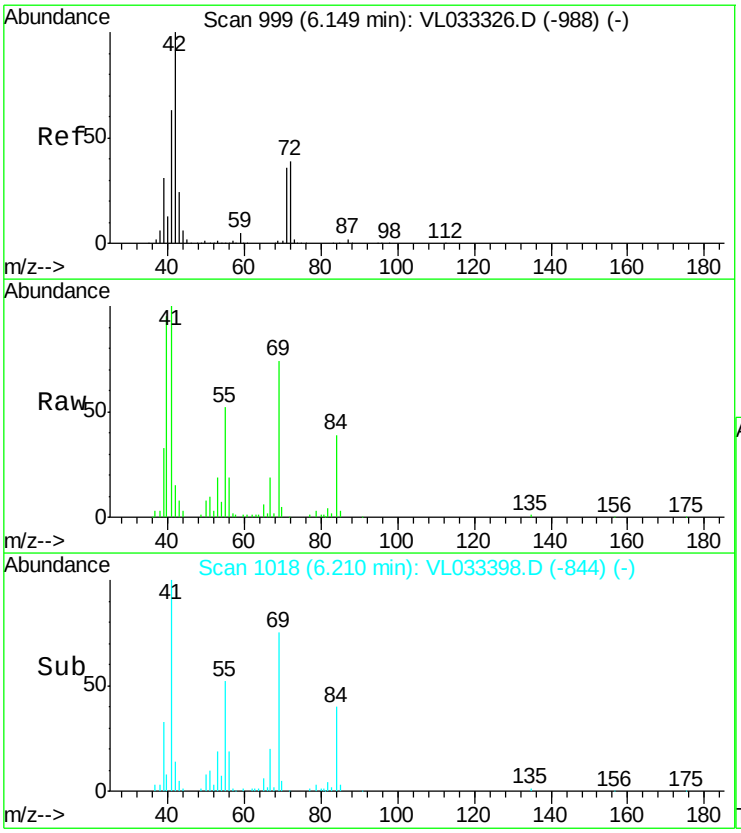
#40
1,4-Dioxane
Concen: 0.109 ppbv
RT: 8.00 min Scan# 1574
Delta R.T. 0.04 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 88 Resp: 2522

Ion	Ratio	Lower	Upper
88	100		
58	2527.8	107.9	161.9#
43	10921.8	230.8	346.2#
57	53441.6	1035.3	1552.9#

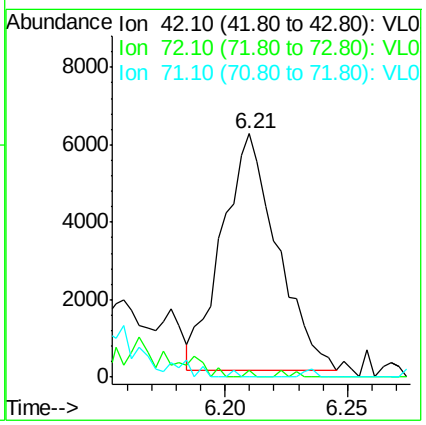


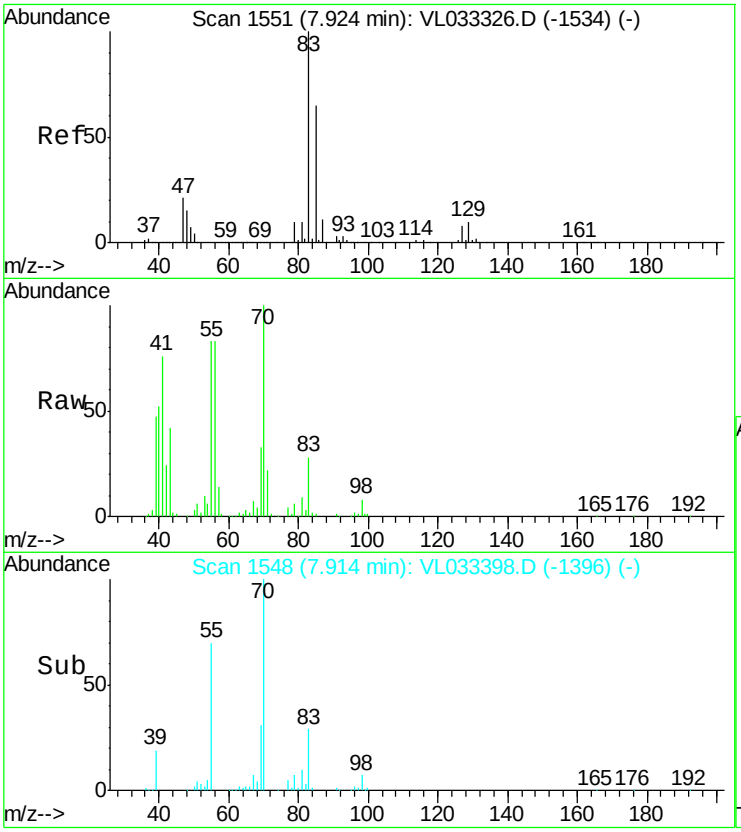


#41
Tetrahydrofuran
Concen: 0.140 ppbv
RT: 6.21 min Scan# 1018
Delta R.T. 0.06 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Tgt Ion: 42 Resp: 9578

Ion	Ratio	Lower	Upper
42	100		
72	16.5	31.6	47.4#
71	0.0	29.9	44.9#



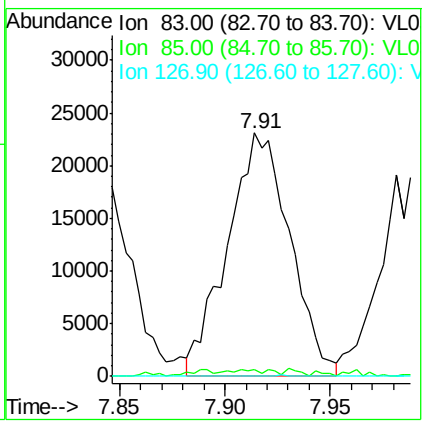


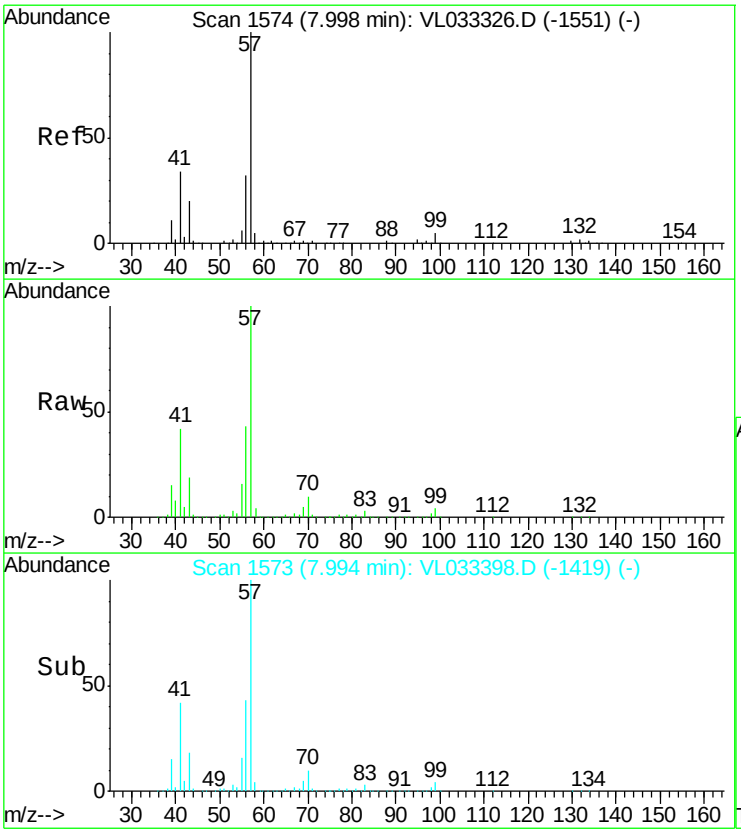
#42
Bromodichloromethane
Concen: 0.321 ppbv
RT: 7.91 min Scan# 1548
Delta R.T. -0.01 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Instrument : MSVOA_L
ClientSampleId : IA1

Tgt Ion: 83 Resp: 47611

Ion	Ratio	Lower	Upper
83	100		
85	3.2	51.8	77.6#
127	0.0	6.2	9.2#

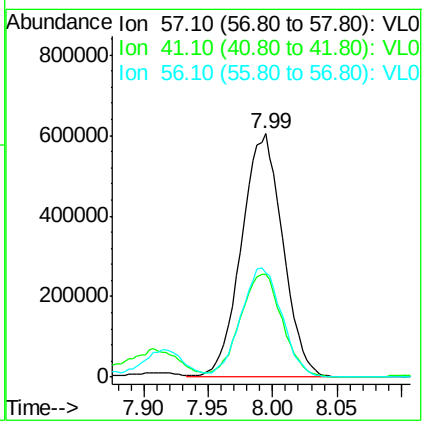


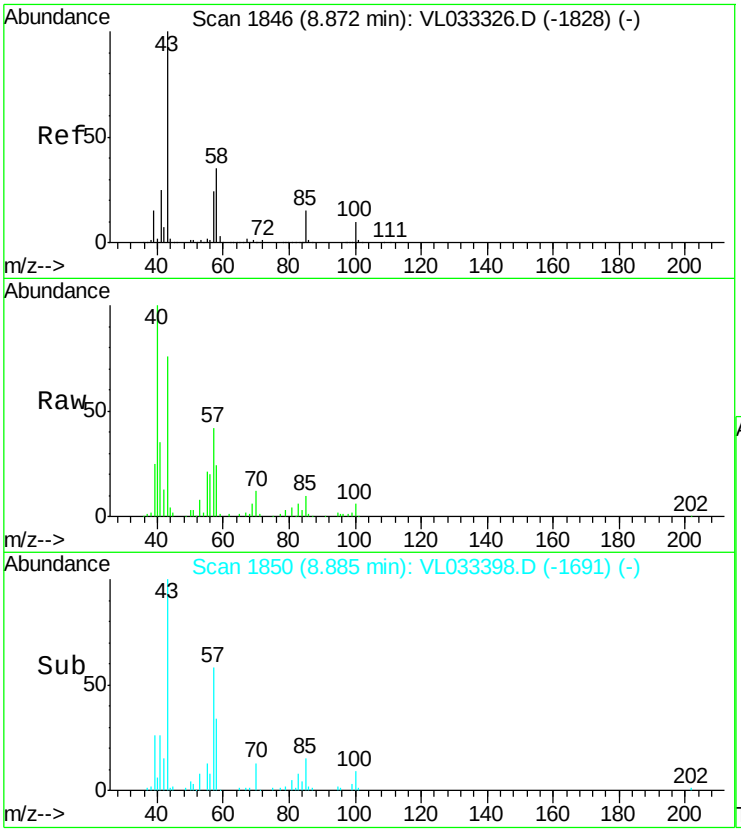


#44
2,2,4-Trimethylpentane
Concen: 4.631 ppbv
RT: 7.99 min Scan# 1573
Delta R.T. -0.00 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Tgt Ion: 57 Resp: 1341160

Ion	Ratio	Lower	Upper
57	100		
41	43.3	26.0	39.0#
56	45.2	24.6	36.8#



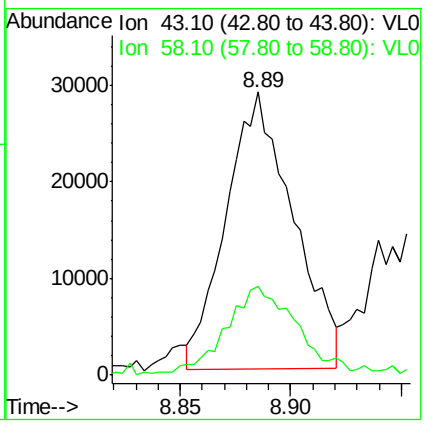


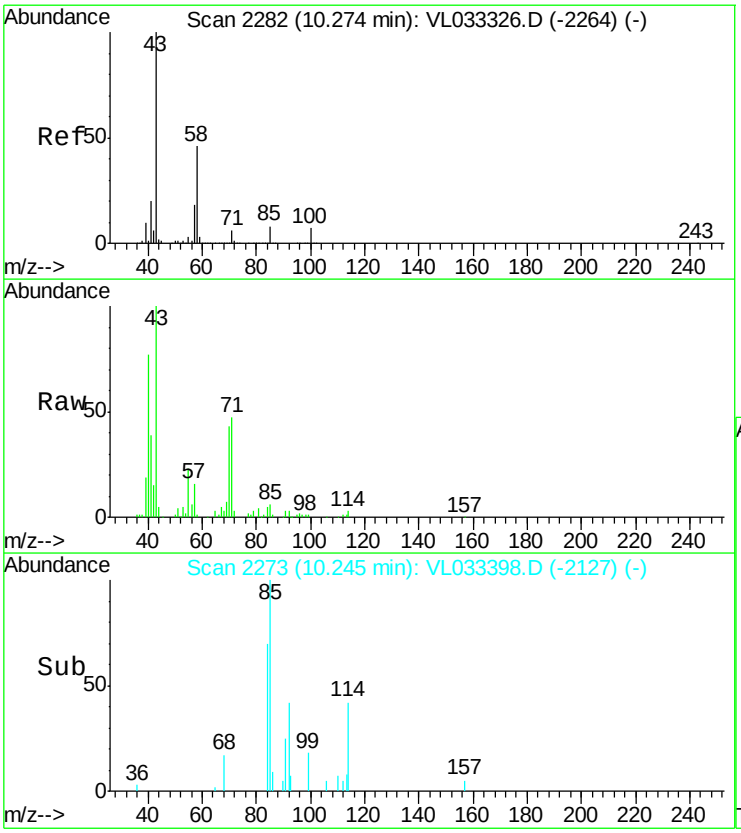
#50
4-Methyl-2-Pentanone
Concen: 0.334 ppbv
RT: 8.89 min Scan# 1850
Delta R.T. 0.01 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Instrument : MSVOA_L
ClientSampleId : IA1

Tgt Ion: 43 Resp: 60562

Ion	Ratio	Lower	Upper
43	100		
58	32.8	28.4	42.6

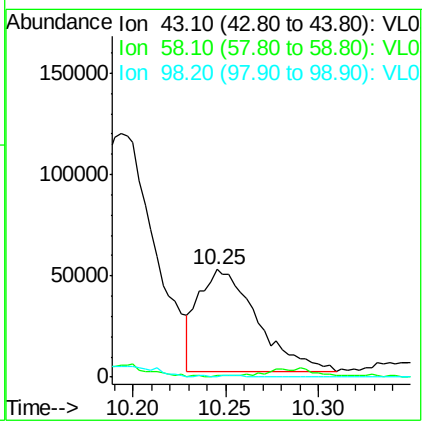


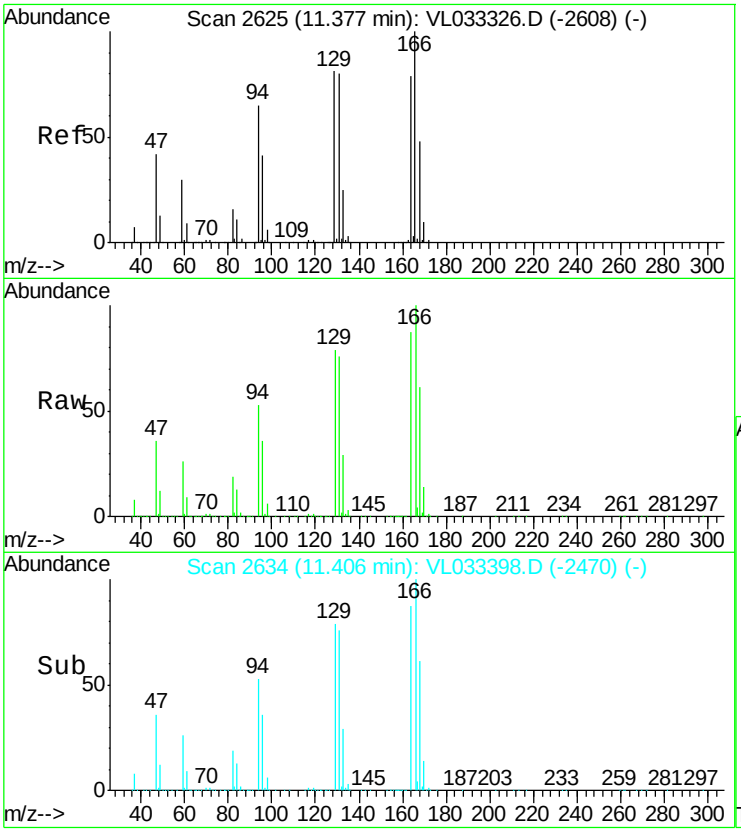


#51
2-Hexanone
Concen: 0.798 ppbv
RT: 10.25 min Scan# 2273
Delta R.T. -0.03 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Tgt Ion: 43 Resp: 111622

Ion	Ratio	Lower	Upper
43	100		
58	7.7	38.0	57.0#
98	0.8	0.1	0.1#



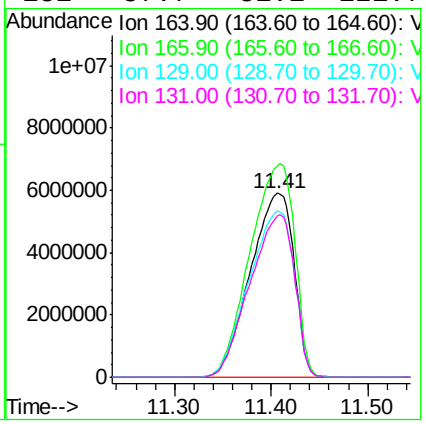


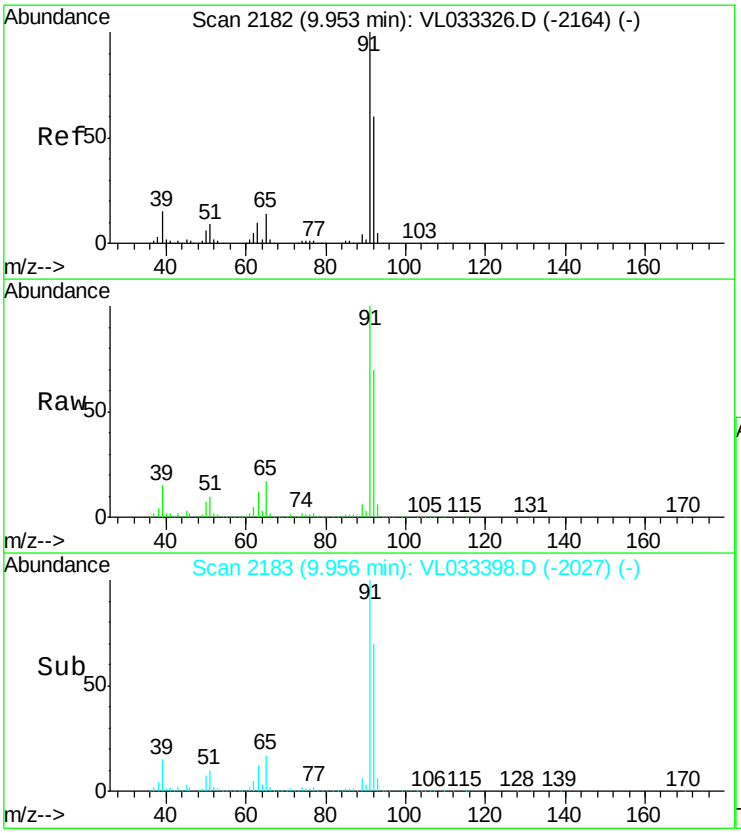
#52
Tetrachloroethene
Concen: 255.085 ppbv
RT: 11.41 min Scan# 2634
Delta R.T. 0.03 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion:164 Resp:18579231

Ion	Ratio	Lower	Upper
164	100		
166	114.9	101.5	152.3
129	90.2	82.2	123.2
131	87.7	81.1	121.7

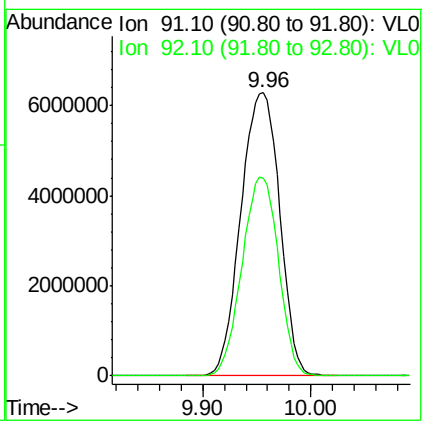


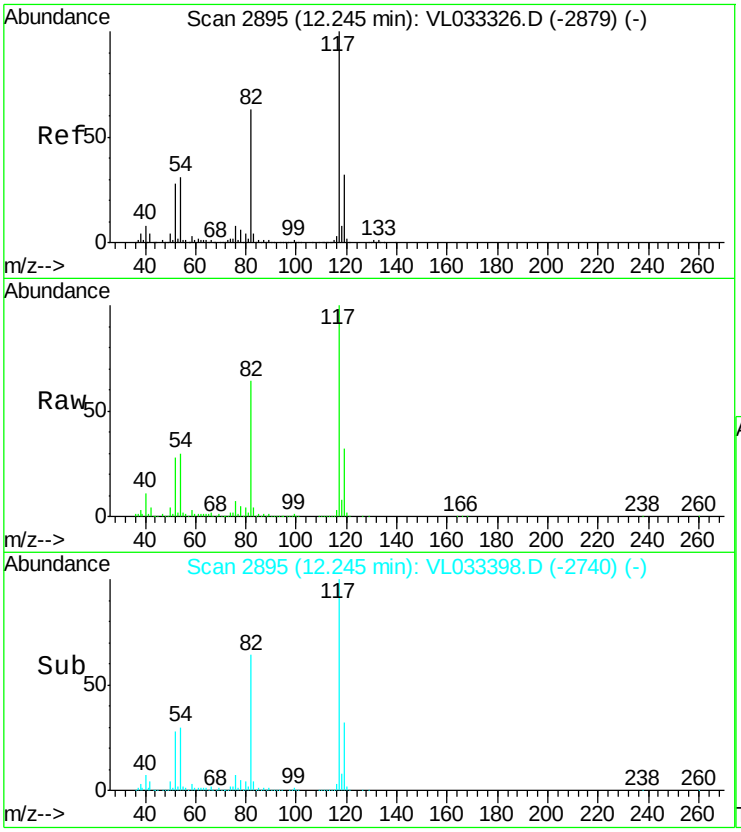


#53
Toluene
Concen: 79.229 ppbv
RT: 9.96 min Scan# 2183
Delta R.T. 0.00 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Tgt Ion: 91 Resp:15739540

Ion	Ratio	Lower	Upper
91	100		
92	66.3	47.4	71.0



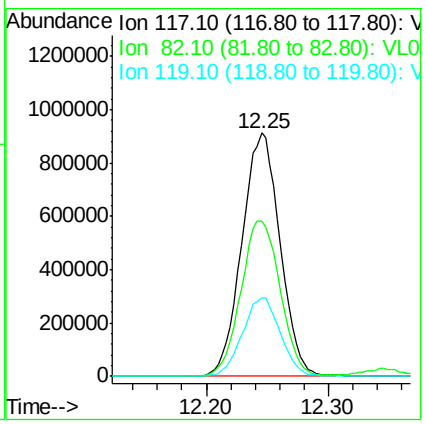


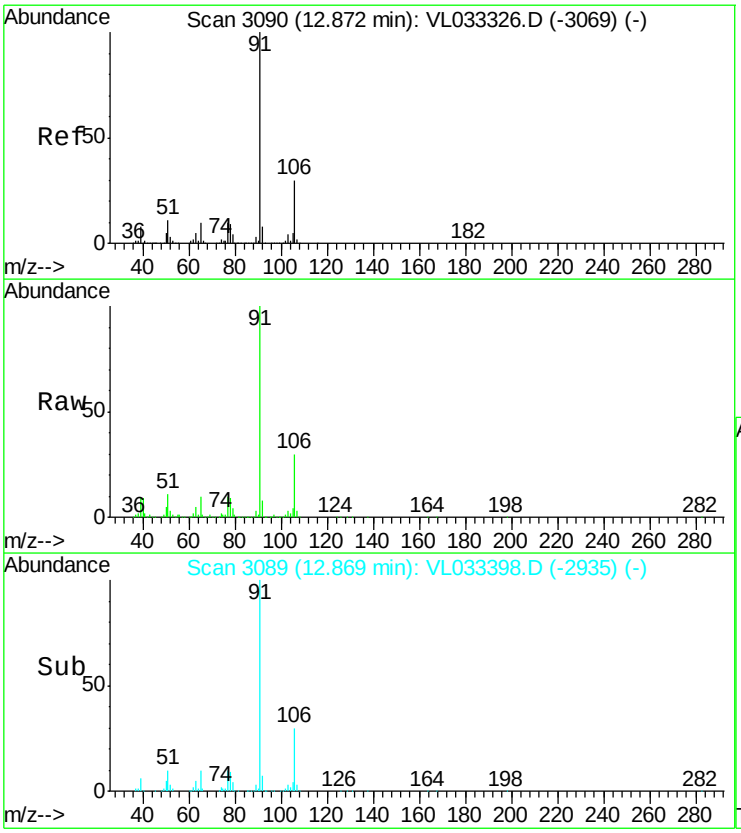
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2895
Delta R.T. -0.00 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Instrument : MSVOA_L
ClientSampleId : IA1

Tgt Ion:117 Resp: 1968450

Ion	Ratio	Lower	Upper
117	100		
82	65.7	53.4	80.2
119	32.2	27.3	40.9

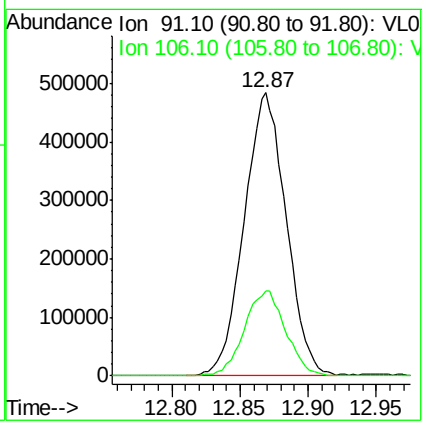


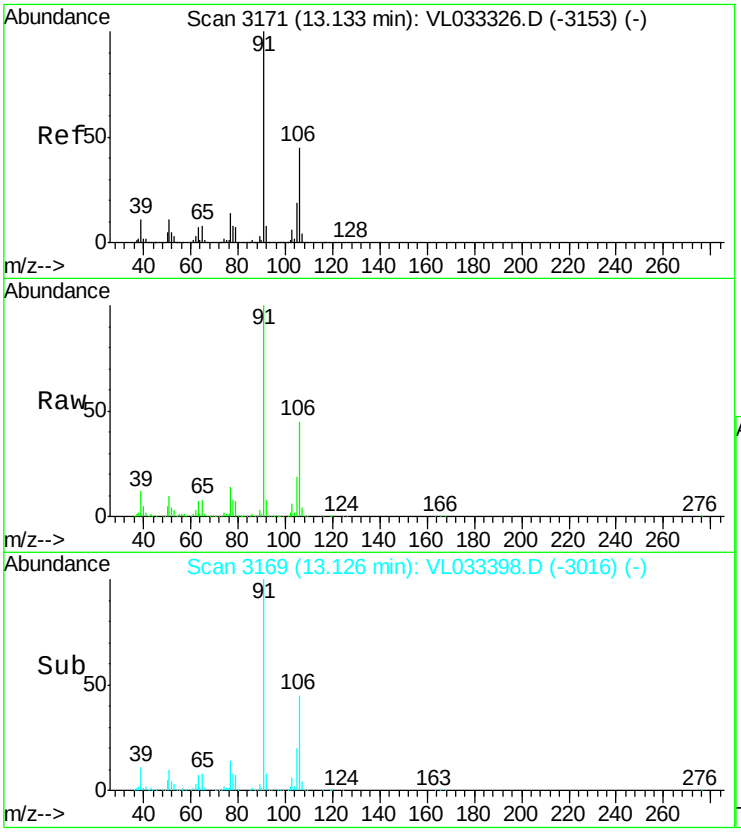


#58
Ethyl Benzene
Concen: 3.703 ppbv
RT: 12.87 min Scan# 3089
Delta R.T. -0.00 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Tgt Ion: 91 Resp: 1031249

Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.2	36.2



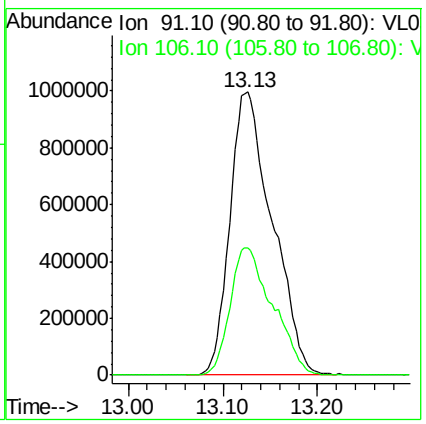


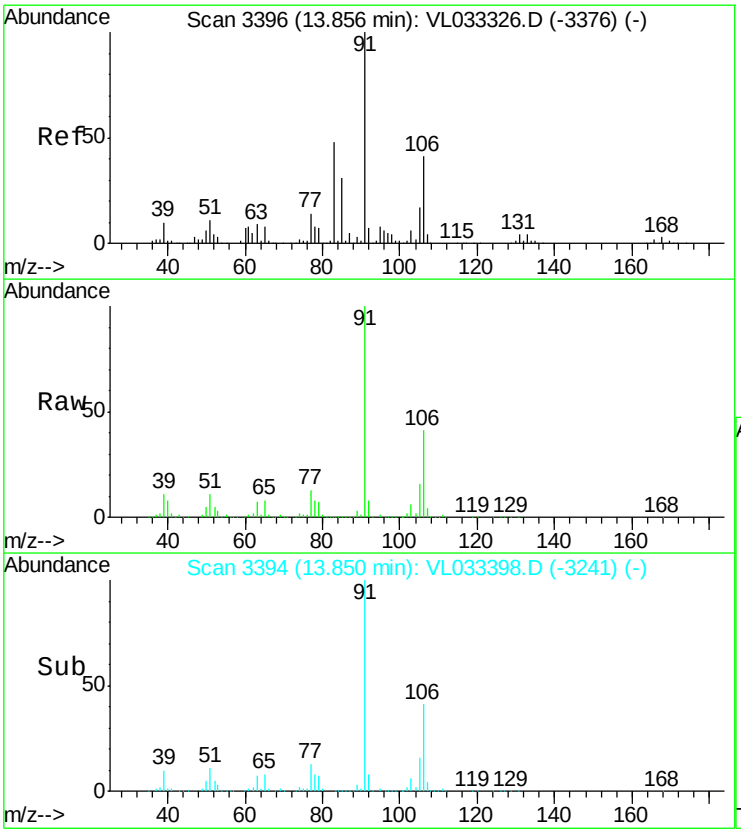
#59
m/p-Xylene
Concen: 12.939 ppbv
RT: 13.13 min Scan# 3169
Delta R.T. -0.01 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 91 Resp: 3096481

Ion	Ratio	Lower	Upper
91	100		
106	45.4	0.0	0.0#

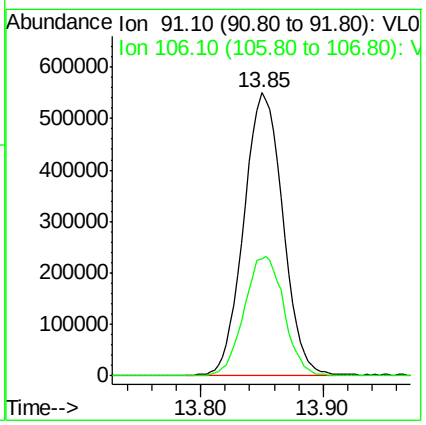


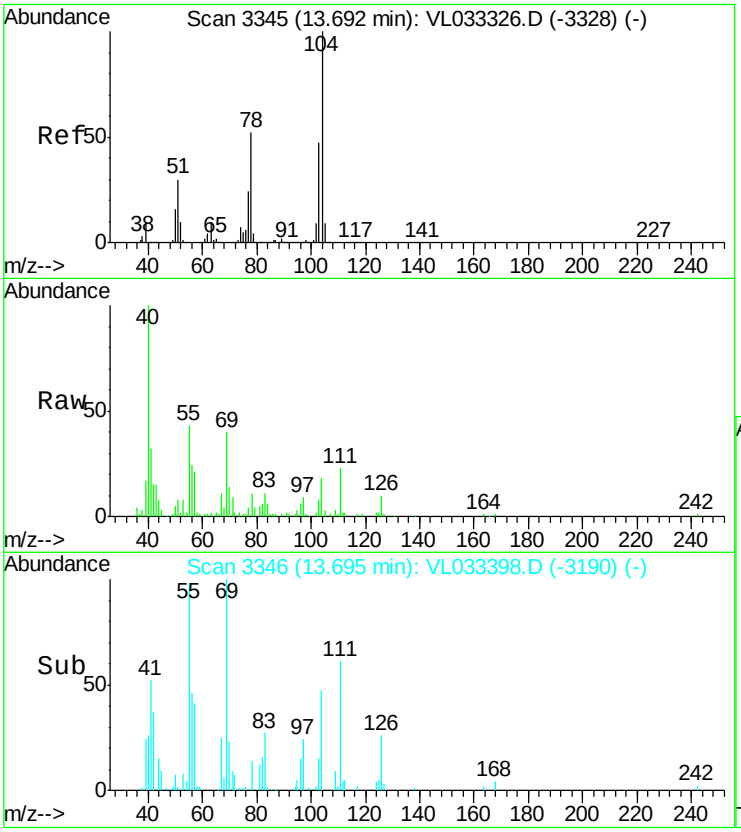


#60
o-Xylene
Concen: 5.215 ppbv
RT: 13.85 min Scan# 3394
Delta R.T. -0.01 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Tgt Ion: 91 Resp: 1217574

Ion	Ratio	Lower	Upper
91	100		
106	43.1	21.3	63.9



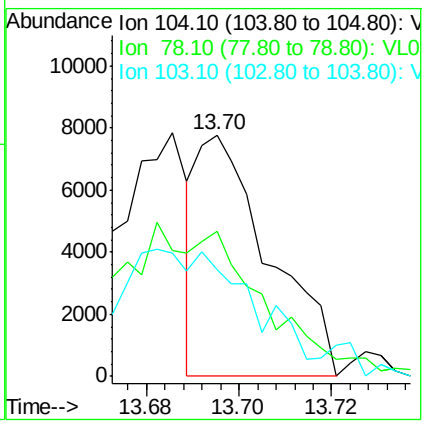


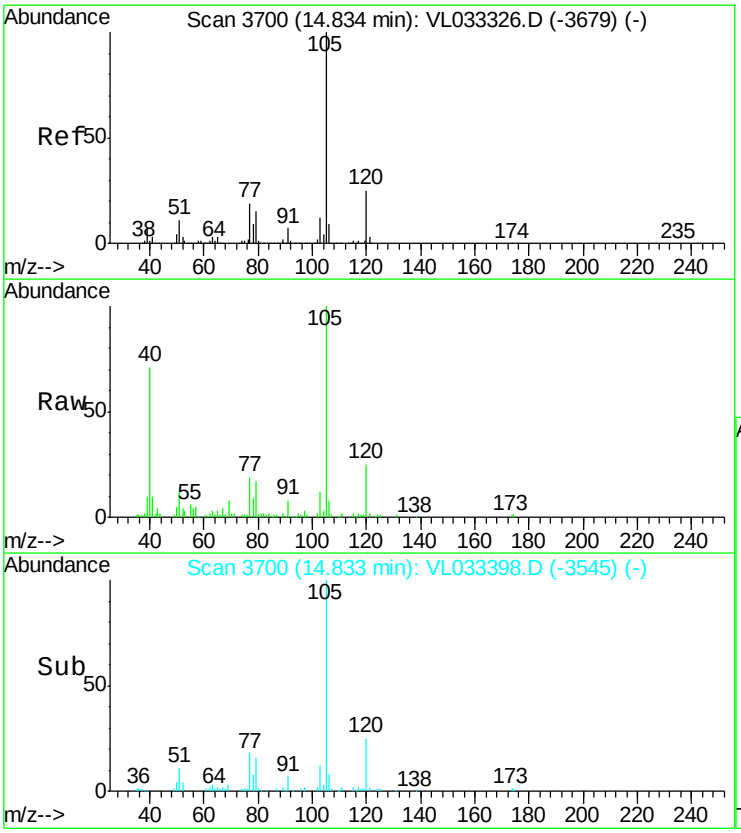
#61
Styrene
Concen: 0.051 ppbv
RT: 13.70 min Scan# 3346
Delta R.T. 0.00 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Instrument : MSVOA_L
ClientSampleId : IA1

Tgt Ion:104 Resp: 8371

Ion	Ratio	Lower	Upper
104	100		
78	0.0	42.7	64.1#
103	0.0	38.0	57.0#

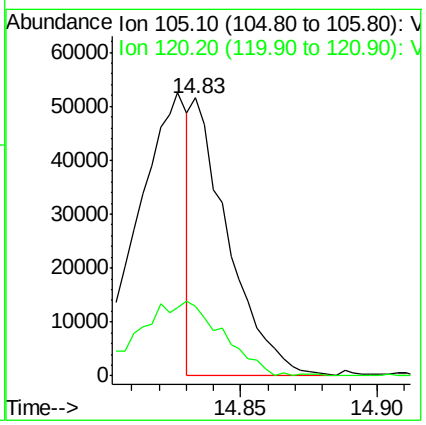


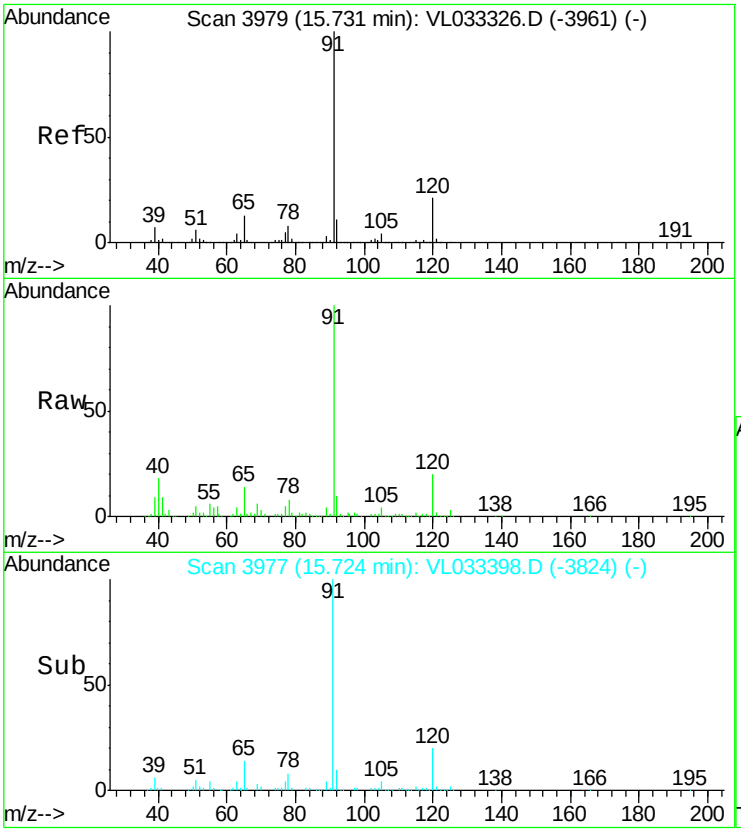


#62
Isopropylbenzene
Concen: 0.145 ppbv
RT: 14.83 min Scan# 3700
Delta R.T. -0.00 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Tgt Ion:105 Resp: 47120

Ion	Ratio	Lower	Upper
105	100		
120	63.9	19.9	29.9#



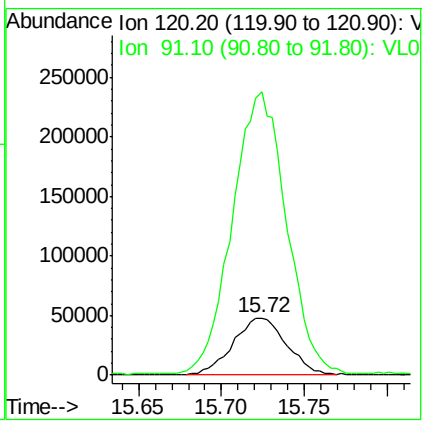


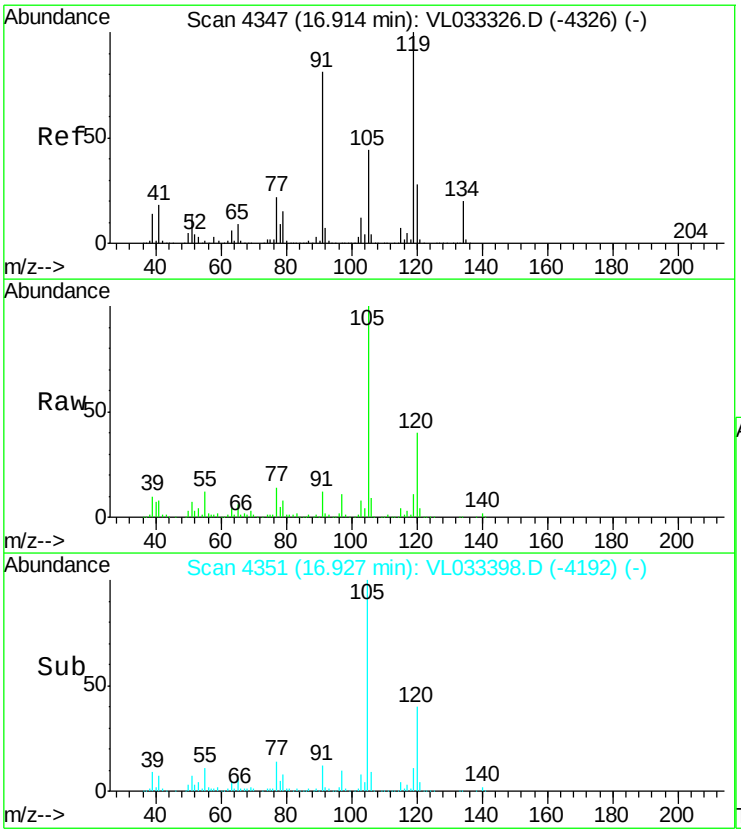
#64
n-propylbenzene
Concen: 1.315 ppbv
RT: 15.72 min Scan# 3977
Delta R.T. -0.01 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion:120 Resp: 107984

Ion	Ratio	Lower	Upper
120	100		
91	498.1	389.8	584.6

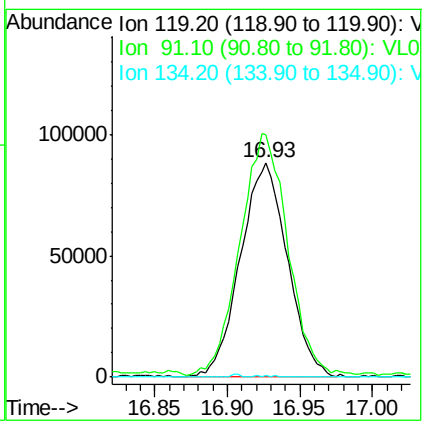


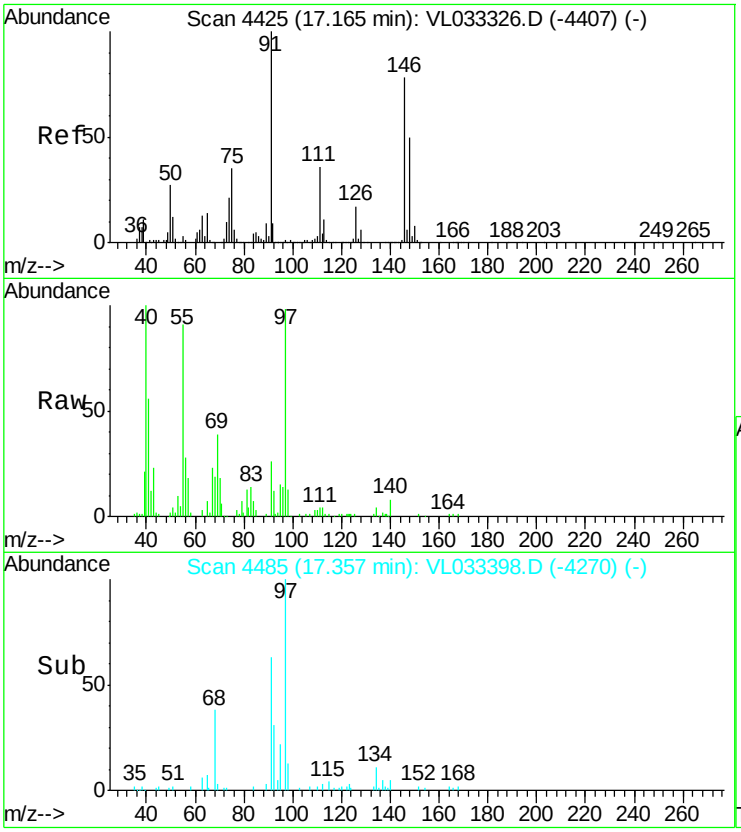


#65
tert-Butylbenzene
Concen: 0.682 ppbv
RT: 16.93 min Scan# 4351
Delta R.T. 0.01 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Tgt Ion:119 Resp: 199347

Ion	Ratio	Lower	Upper
119	100		
91	114.3	67.2	100.8#
134	0.2	15.4	23.2#



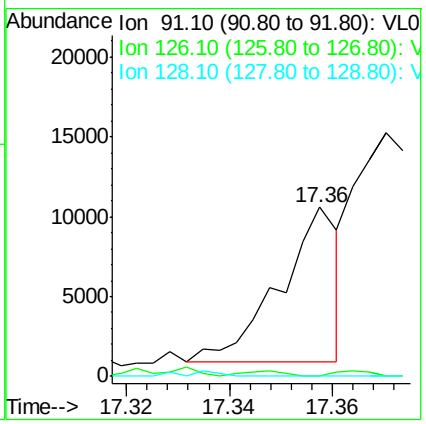


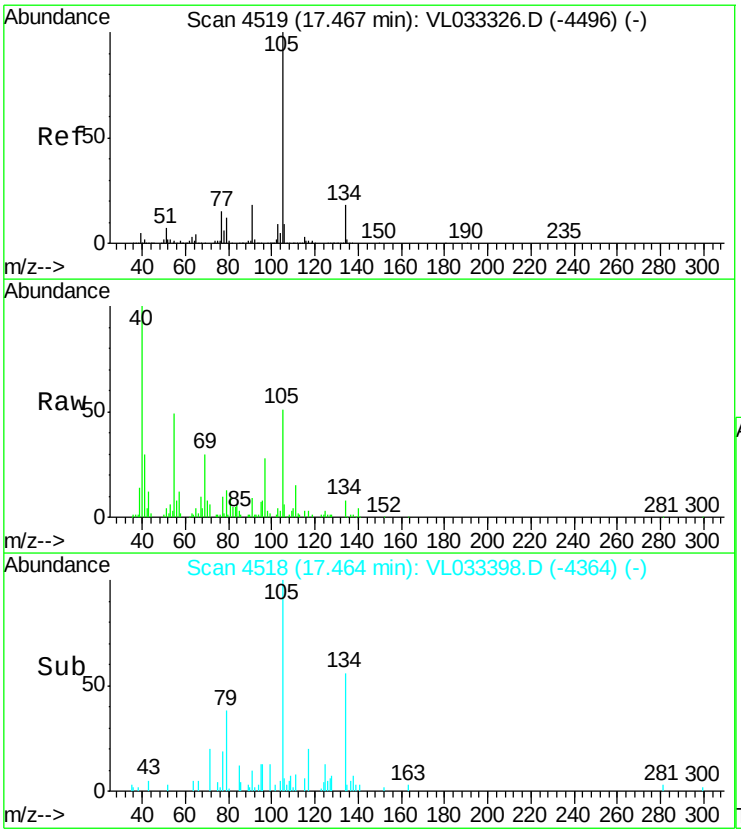
#66
Benzyl Chloride
Concen: 0.063 ppbv
RT: 17.36 min Scan# 4485
Delta R.T. 0.19 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Instrument : MSVOA_L
ClientSampleId : IA1

Tgt Ion: 91 Resp: 7615

Ion	Ratio	Lower	Upper
91	100		
126	5.0	13.2	19.8#
128	0.0	4.2	6.4#

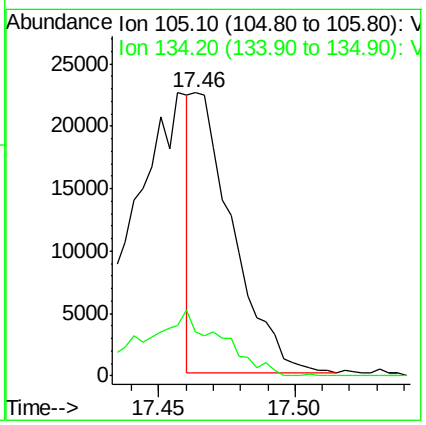


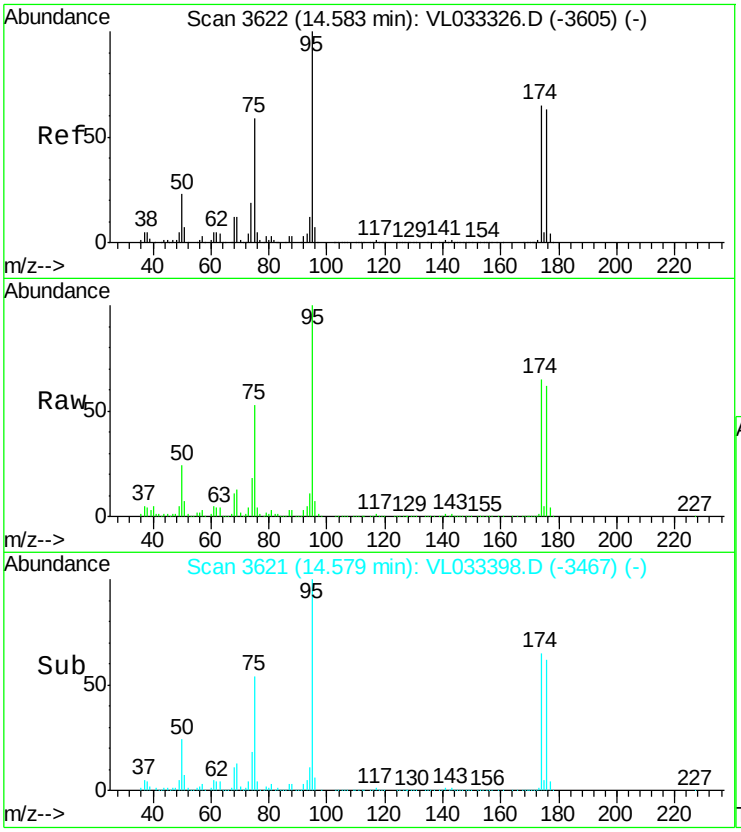


#67
sec-Butylbenzene
Concen: 0.056 ppbv
RT: 17.46 min Scan# 4518
Delta R.T. -0.00 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Tgt Ion:105 Resp: 23045

Ion	Ratio	Lower	Upper
105	100		
134	46.3	14.2	21.4#



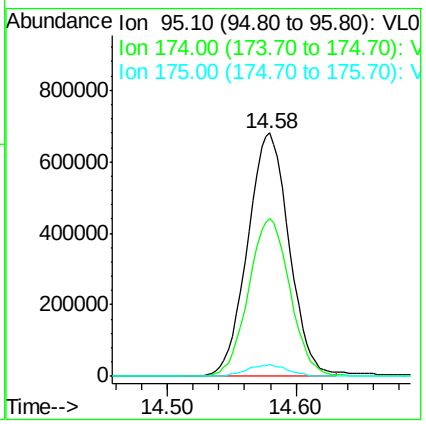


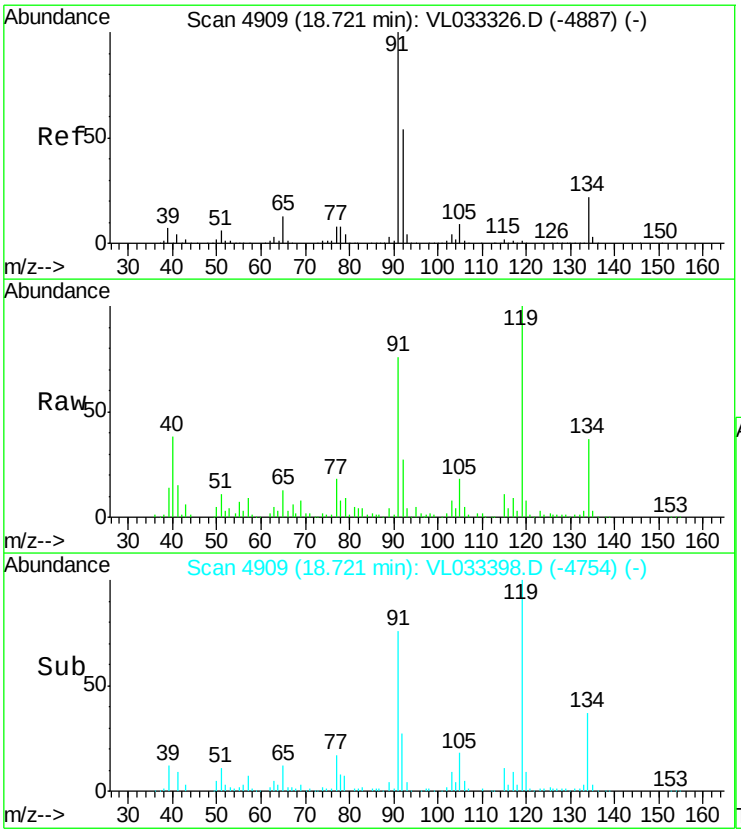
#68
1-Bromo-4-Fluorobenzene
Concen: 10.466 ppbv
RT: 14.58 min Scan# 3621
Delta R.T. -0.00 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Instrument : MSVOA_L
ClientSampleId : IA1

Tgt Ion: 95 Resp: 1526570

Ion	Ratio	Lower	Upper
95	100		
174	64.8	51.5	77.3
175	4.7	3.8	5.6

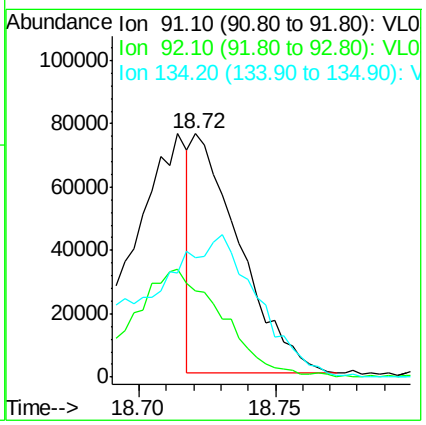


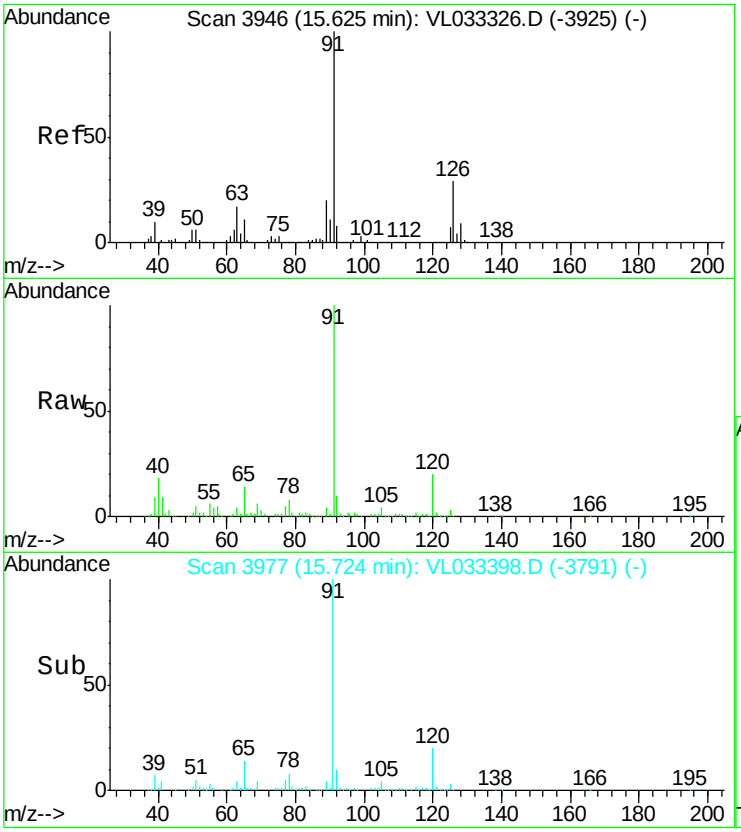


#70
n-Butylbenzene
Concen: 0.254 ppbv
RT: 18.72 min Scan# 4909
Delta R.T. -0.00 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Tgt Ion: 91 Resp: 91546

Ion	Ratio	Lower	Upper
91	100		
92	0.0	42.8	64.2#
134	169.1	17.4	26.0#



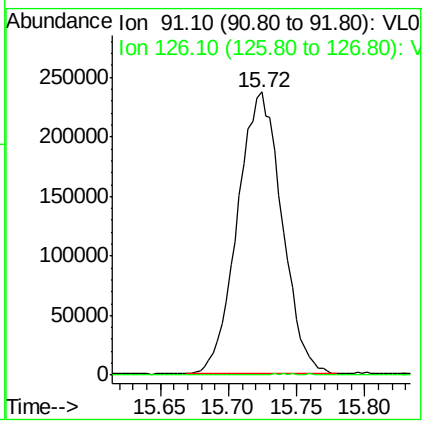


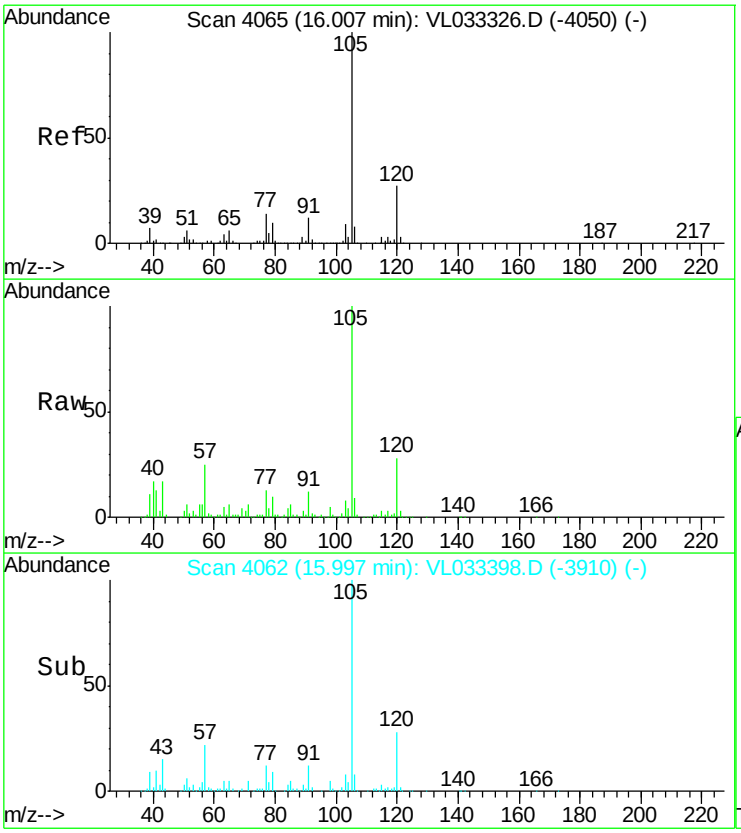
#71
2-Chlorotoluene
Concen: 2.112 ppbv
RT: 15.72 min Scan# 3977
Delta R.T. 0.10 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 91 Resp: 533699

Ion	Ratio	Lower	Upper
91	100		
126	0.5	11.6	46.6#

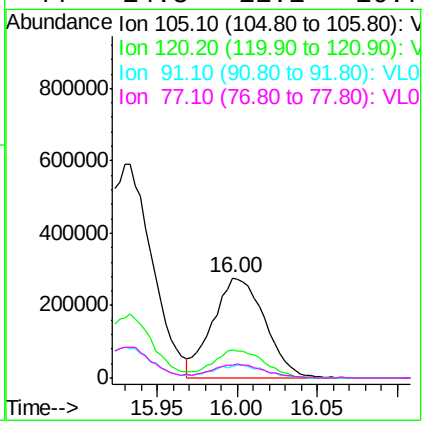


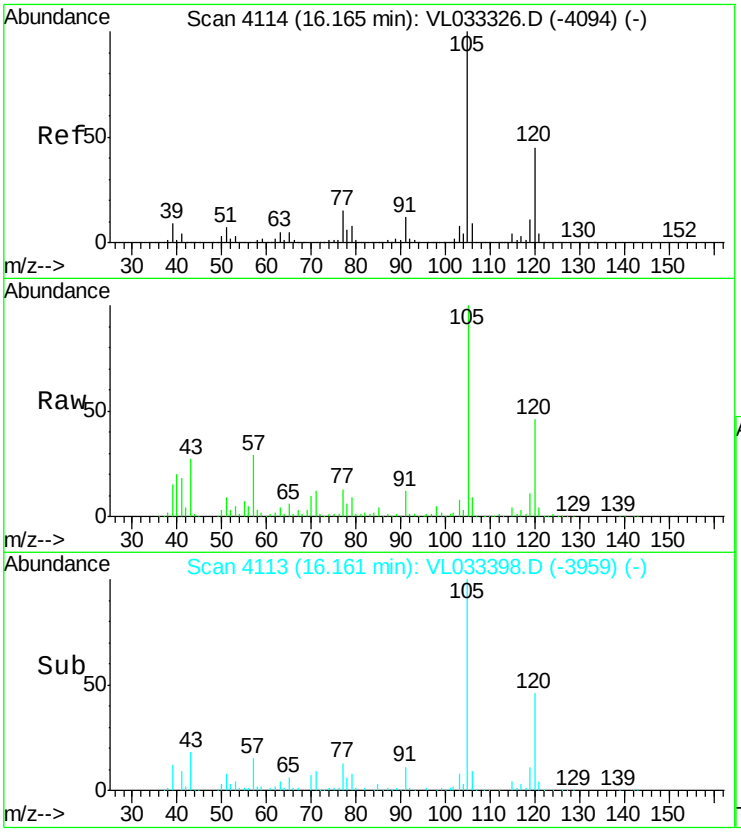


#72
4-Ethyltoluene
Concen: 2.315 ppbv
RT: 16.00 min Scan# 4062
Delta R.T. -0.01 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Tgt Ion:105 Resp: 613868

Ion	Ratio	Lower	Upper
105	100		
120	28.0	22.9	34.3
91	12.5	10.2	15.2
77	14.3	11.1	16.7



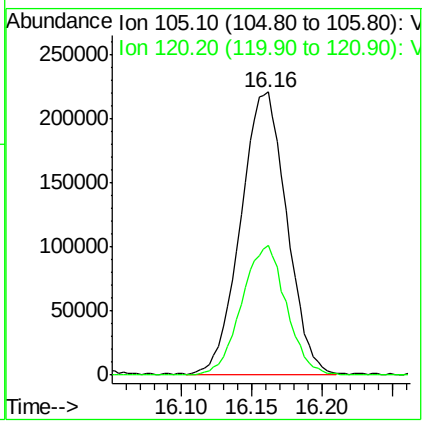


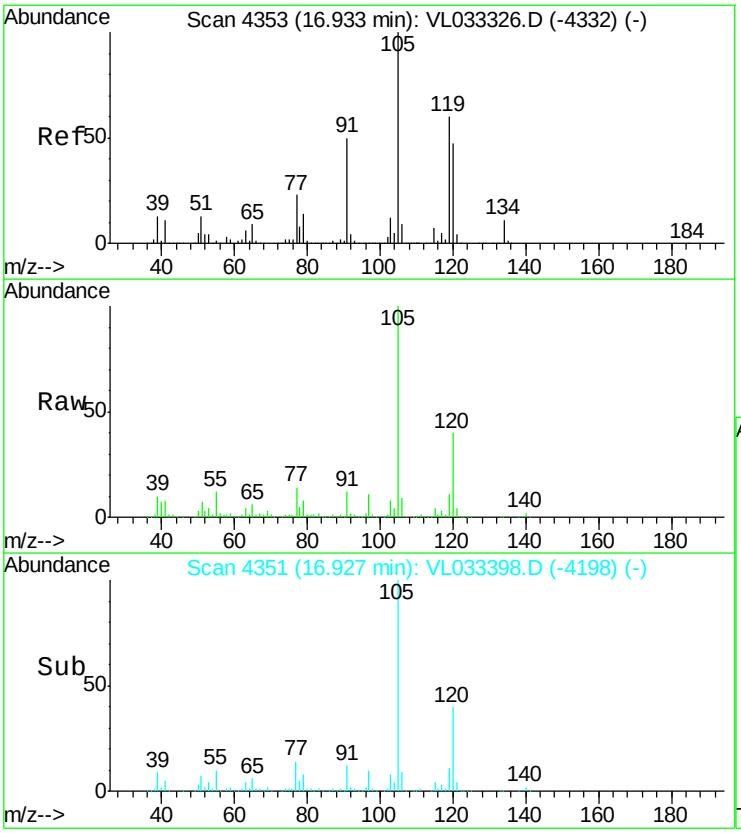
#73
1,3,5-Trimethylbenzene
Concen: 1.945 ppbv
RT: 16.16 min Scan# 4113
Delta R.T. -0.00 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion:105 Resp: 502474

Ion	Ratio	Lower	Upper
105	100		
120	45.7	36.2	54.4

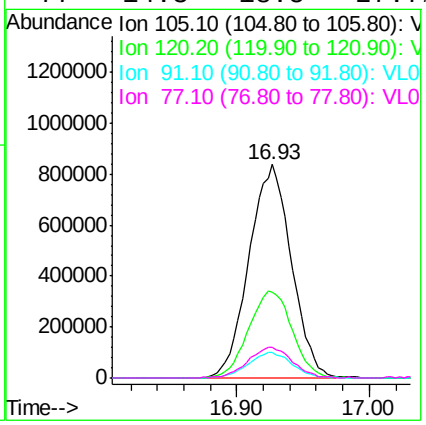


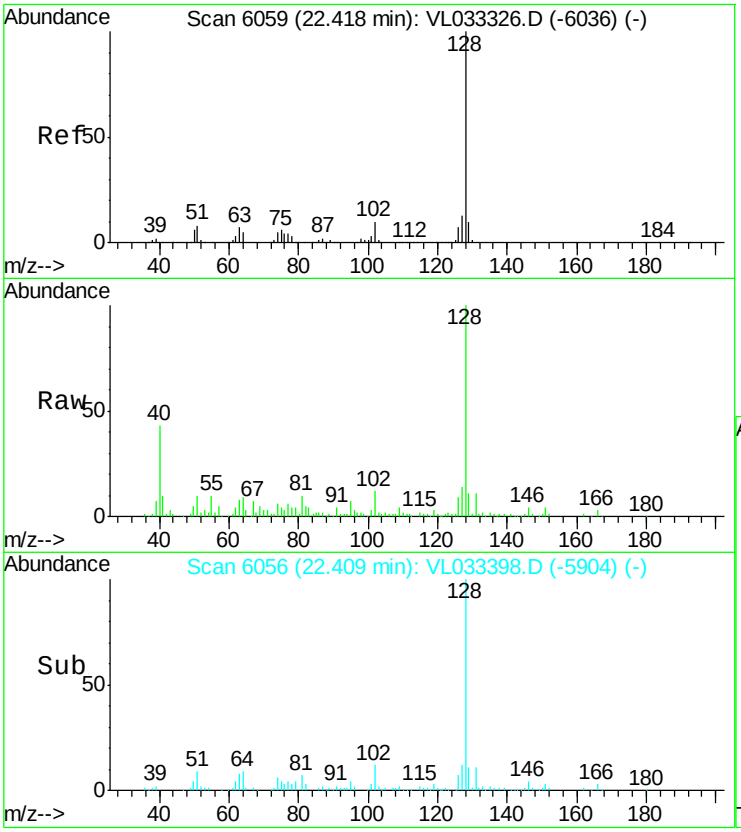


#74
1,2,4-Trimethylbenzene
Concen: 6.817 ppbv
RT: 16.93 min Scan# 4351
Delta R.T. -0.01 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Tgt Ion:105 Resp: 1864833

Ion	Ratio	Lower	Upper
105	100		
120	40.2	37.4	56.2
91	11.6	41.0	61.4#
77	14.3	18.5	27.7#



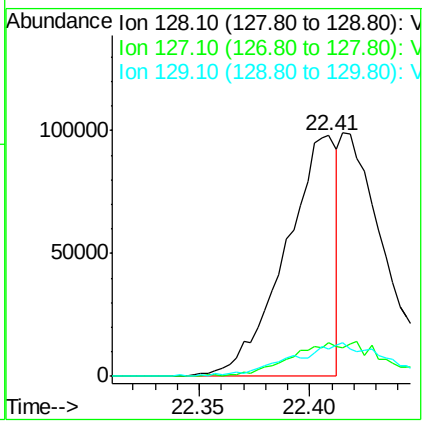


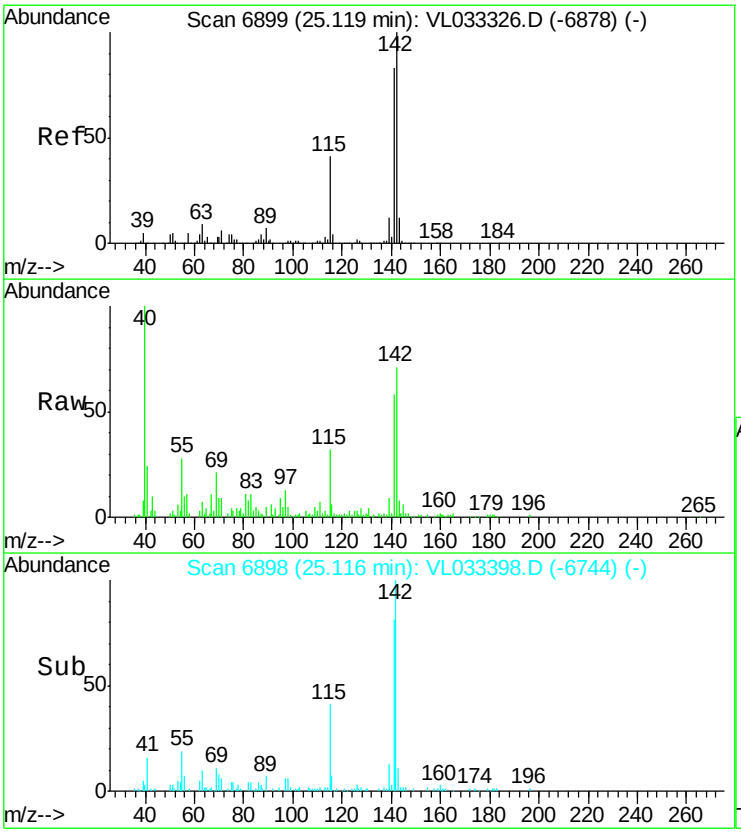
#79
Naphthalene
Concen: 0.600 ppbv
RT: 22.41 min Scan# 6056
Delta R.T. -0.01 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion:128 Resp: 158079

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.1	15.1
129	11.2	8.2	12.2





#80
Naphthalene,2-methyl-
Concen: 0.554 ppbv
RT: 25.12 min Scan# 6898
Delta R.T. -0.00 min
Lab File: VL033398.D
Acq: 20 Mar 2019 20:28

Tgt Ion:142 Resp: 69222

Ion	Ratio	Lower	Upper
142	100		
141	87.5	67.1	100.7
115	75.6	33.8	50.6#