Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111418\

Quantitation Report (Not Reviewed)

Data File : VL032757.D
Acq On : 14 Nov 2018 13:44
Operator : SY/AP
Sample : J5891-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IASC2

Quant Time: Nov 15 04:54:42 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	1371692	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.30	114	3453622	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.25	117	3068880	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.58	95	2270701	9.89	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	87481	0.444	ppbv		95
3) Chlorodifluoromethane	3.02	51	1008876	9.277	ppbv		95
4) Chloromethane	3.18	50	35858	0.595	ppbv		90
7) Chloroethane	3.16	64	28368	1.232	ppbv		92
9) Propene	3.24	41	206509	4.745	ppbv		95
10) Heptane	8.25	43	119973	0.722	ppbv		95
11) Trichlorofluoromethane	4.01	101	65042	0.350	ppbv		96
12) 1,1,2-Trichlorotrifluoroet	4.56	101	13012	0.086	ppbv		100
13) Ethanol	3.69	45	13192712	925.523	ppbv		97
15) Acetone	3.91	43	1491730	11.908	ppbv	#	89
16) 1,3-Butadiene	3.35	39	14265	0.294	ppbv	#	6
17) tert-Butyl alcohol	4.39	59	22776	0.580	ppbv	#	73
19) Isopropyl Alcohol	4.07	45	1945844	23.318	ppbv		99
20) Methylene Chloride	4.41	84	615394	9.490	ppbv		97
21) Allyl Chloride	4.44	41	8942	0.085	ppbv	#	1
23) Vinyl Acetate	5.15	43	86668	0.380	ppbv	#	3
25) Ethyl Acetate	5.79	43	704629	2.413	ppbv	#	83
26) Hexane	5.79	57	862100	6.633	ppbv	#	48
29) Chloroform	5.86	83	30465	0.132	ppbv		96
30) Cyclohexane	7.25	84	15366	0.135	ppbv	#	1
34) 2-Butanone	5.34	43	195921	1.094	ppbv		99
35) Carbon Tetrachloride	7.14	117	19017	0.068	ppbv	#	96
36) Benzene	7.01	78	123930	0.451	ppbv		96
37) 1,2-Dichloroethane	6.41	62	7609	0.041	ppbv	#	83
39) 1,2-Dichloropropane	7.30	63	849602	8.108	ppbv	#	23
41) Tetrahydrofuran	6.16	42	14297	0.139	ppbv	#	35
44) 2,2,4-Trimethylpentane	7.99	57	430876	0.938	ppbv		89
51) 2-Hexanone	10.26	43	6132	0.034	ppbv	#	29
53) Toluene	9.95	91	5825474	20.304	ppbv		99
58) Ethyl Benzene	12.87	91	214959	0.582	ppbv		98
59) m/p-Xylene	13.12	91	598261	1.820	ppbv		100
60) o-Xylene	13.85	91	232937	0.705	ppbv		99
61) Styrene	13.69	104	48560	0.226	ppbv		91
62) Isopropylbenzene	14.83	105	13912	0.031	ppbv	#	8
64) n-propylbenzene	15.73	120	21720	0.185	ppbv		78
65) tert-Butylbenzene	16.93	119	25091	0.063	ppbv	#	24
69) p-Isopropyltoluene	17.82	119	80405	0.175	ppbv	#	57
72) 4-Ethyltoluene	16.00	105	100941	0.279	ppbv	#	95
73) 1,3,5-Trimethylbenzene	16.16	105	30275	0.085	ppbv	#	54
74) 1,2,4-Trimethylbenzene	16.93	105	149116	0.393	ppbv	#	72
79) Naphthalene	22.42	128	232244	0.932	ppbv	#	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111418\

Quantitation Report (Not Reviewed)

Data File : VL032757.D
Acq On : 14 Nov 2018 13:44
Operator : SY/AP
Sample : J5891-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IASC2

Quant Time: Nov 15 04:54:42 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)
80) Naphthalene,2-methyl-	25.13	142	5782	0.093	ppbv #	89

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

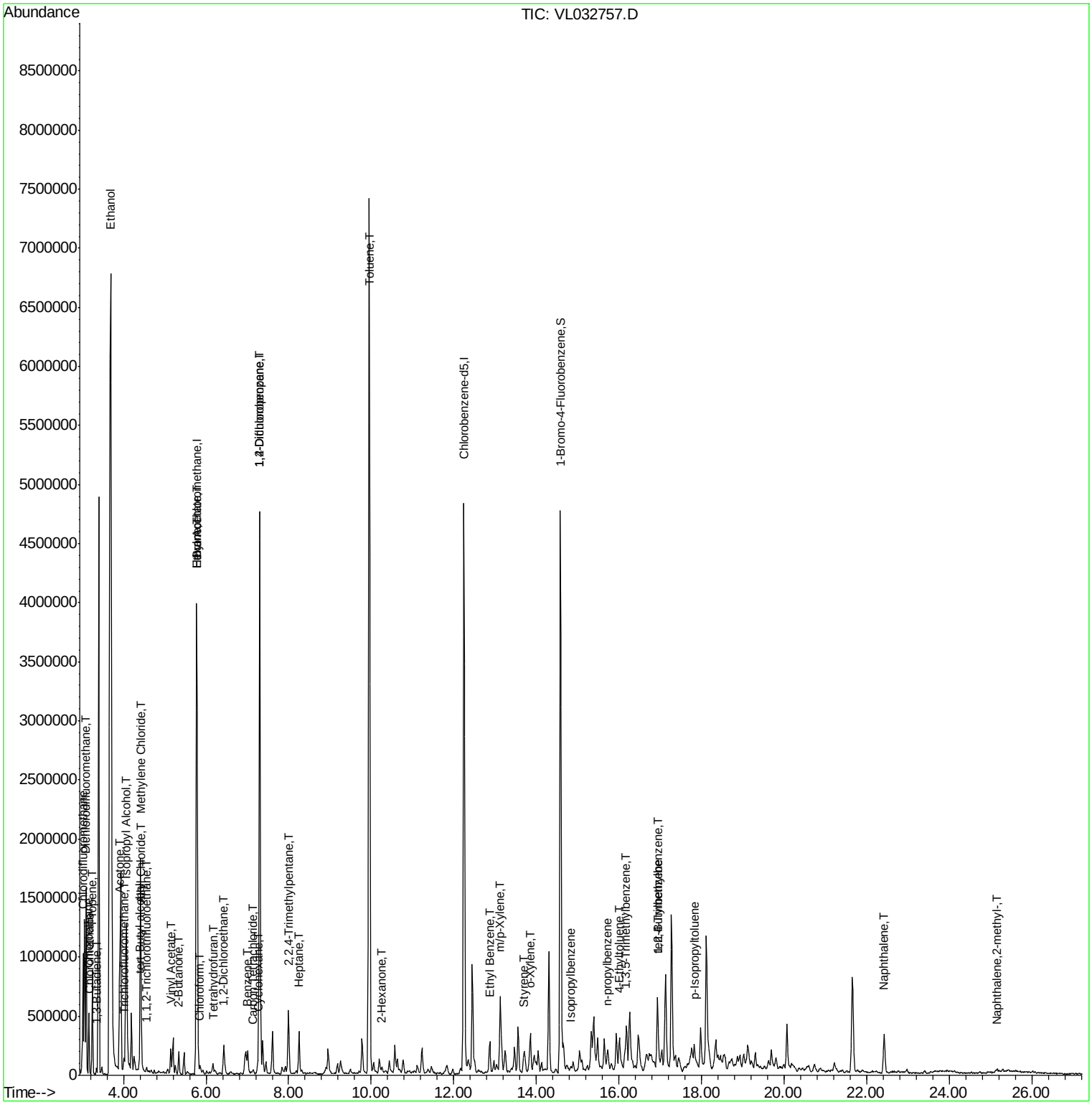
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111418\

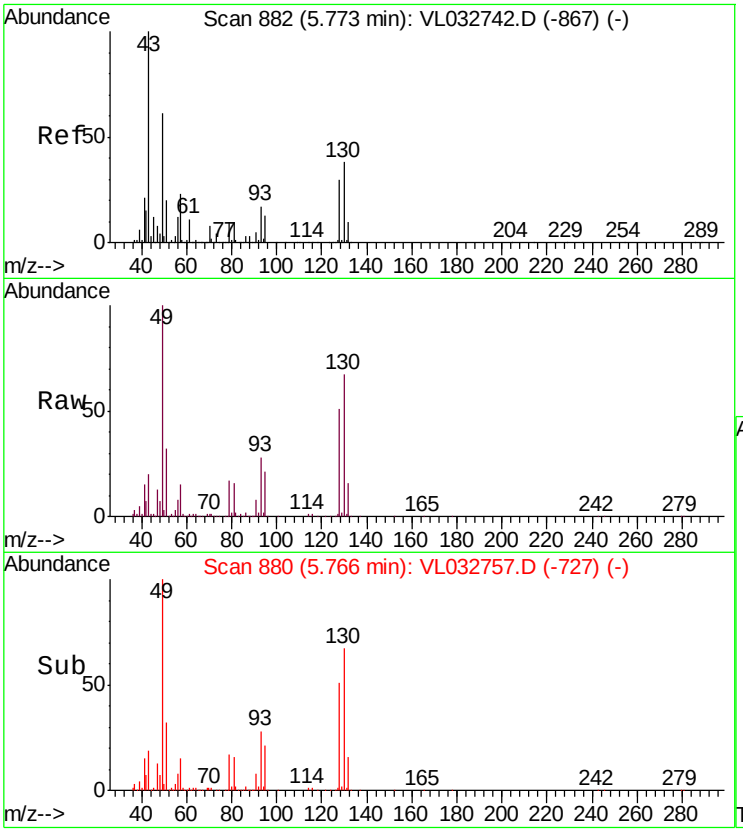
Quantitation Report (Not Reviewed)

Data File : VL032757.D
Acq On : 14 Nov 2018 13:44
Operator : SY/AP
Sample : J5891-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IASC2

Quant Time: Nov 15 04:54:42 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



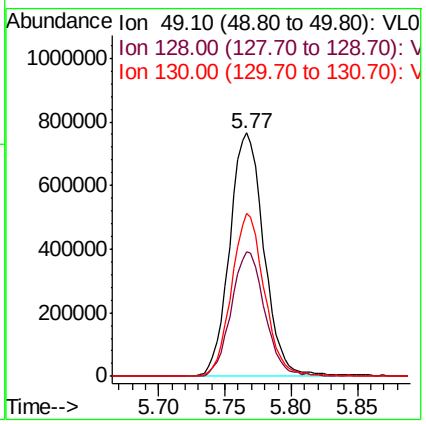


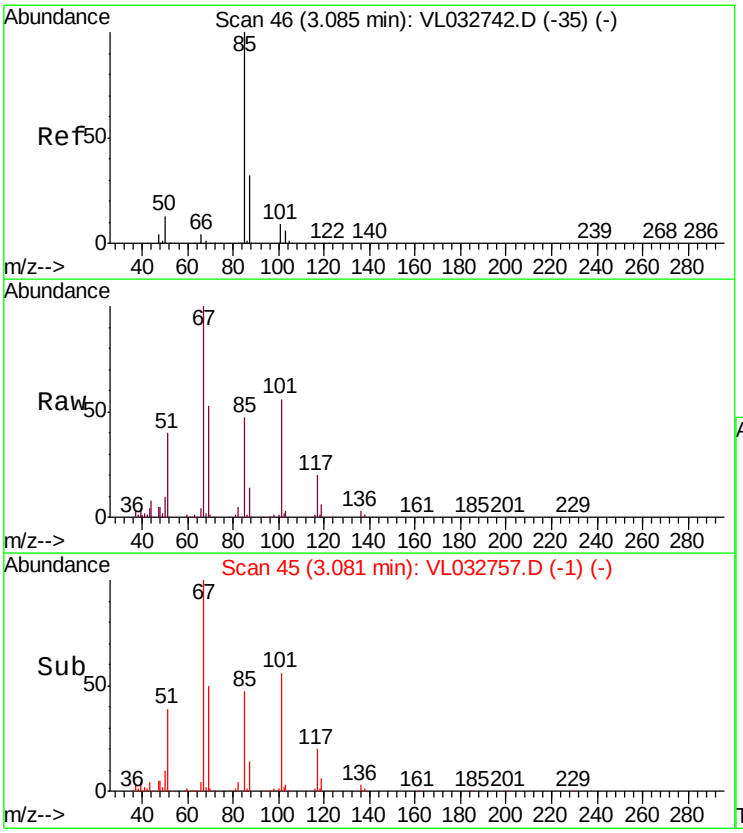
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 880
Delta R.T. -0.01 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Instrument :
MSVOA_L
ClientSampleId :
IASC2

Tgt Ion: 49 Resp: 1371692

Ion	Ratio	Lower	Upper
49	100		
128	50.4	24.9	74.6
130	64.5	31.4	94.2

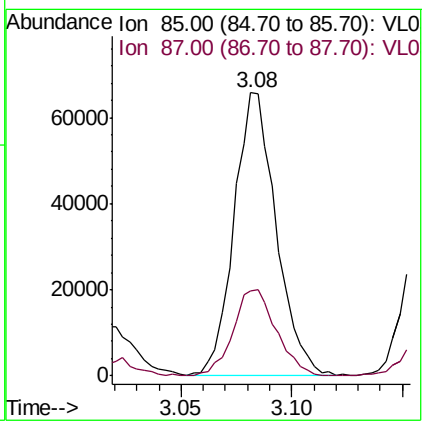


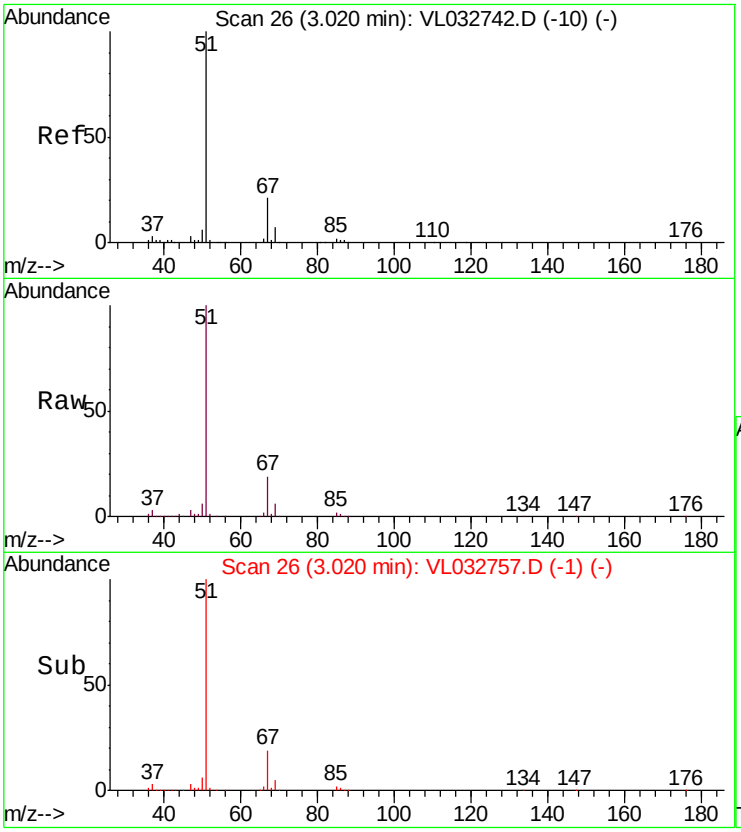


#2
Dichlorodifluoromethane
Concen: 0.444 ppbv
RT: 3.08 min Scan# 45
Delta R.T. -0.00 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Tgt Ion: 85 Resp: 87481

Ion	Ratio	Lower	Upper
85	100		
87	29.9	26.0	39.0



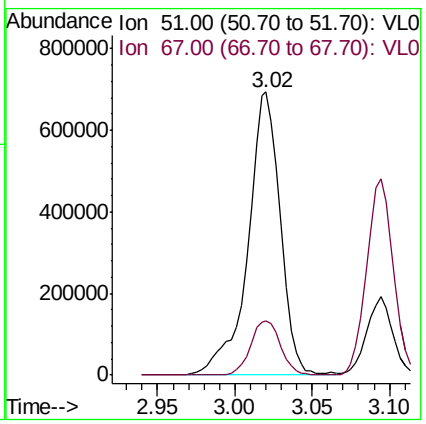


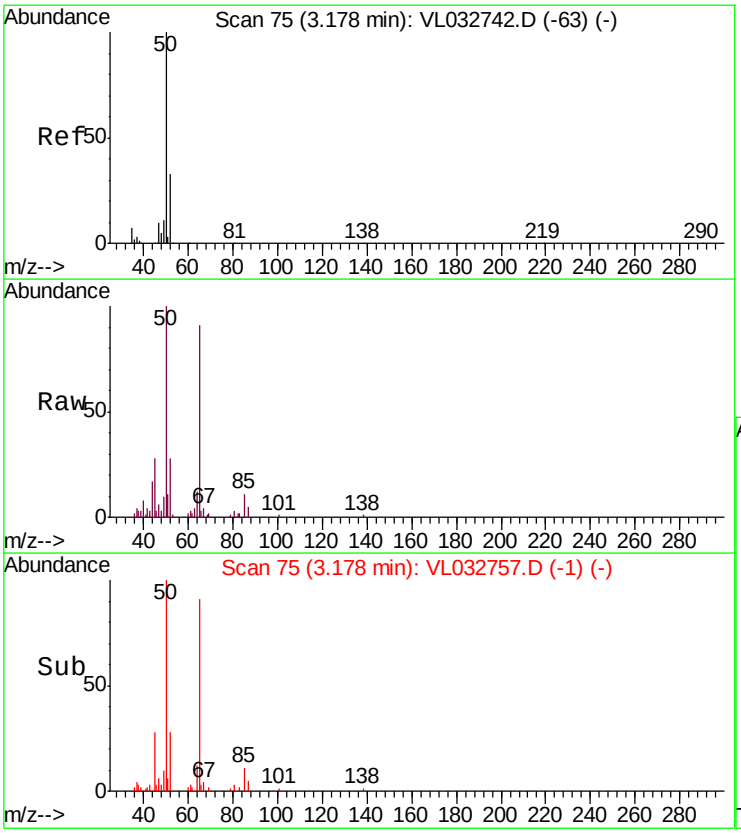
#3
Chlorodifluoromethane
Concen: 9.277 ppbv
RT: 3.02 min Scan# 26
Delta R.T. -0.00 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Instrument :
MSVOA_L
ClientSampleId :
IASC2

Tgt Ion: 51 Resp: 1008876

Ion	Ratio	Lower	Upper
51	100		
67	17.9	16.1	24.1

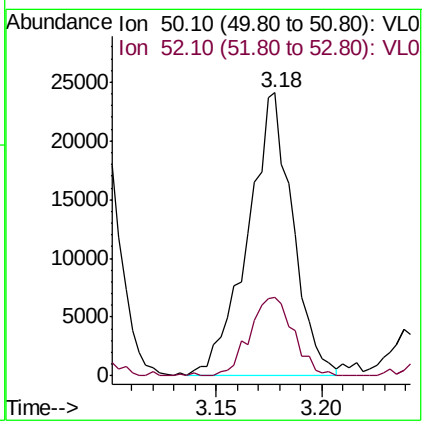


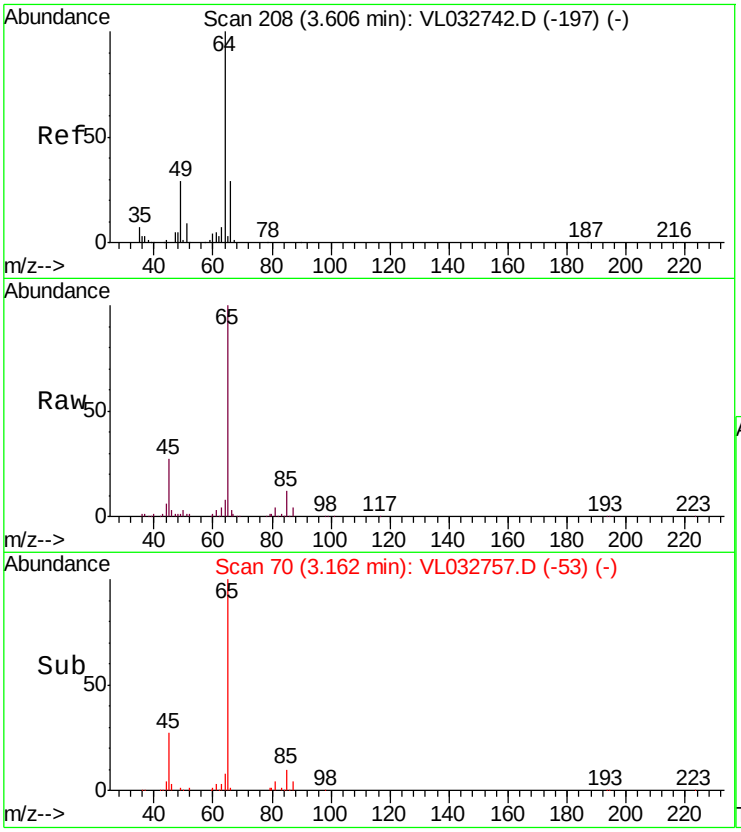


#4
Chloromethane
Concen: 0.595 ppbv
RT: 3.18 min Scan# 75
Delta R.T. -0.00 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Tgt Ion: 50 Resp: 35858

Ion	Ratio	Lower	Upper
50	100		
52	27.8	26.6	40.0



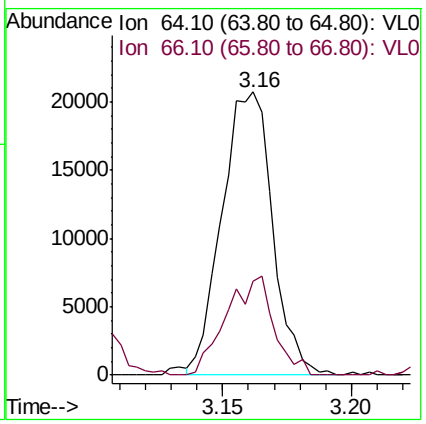


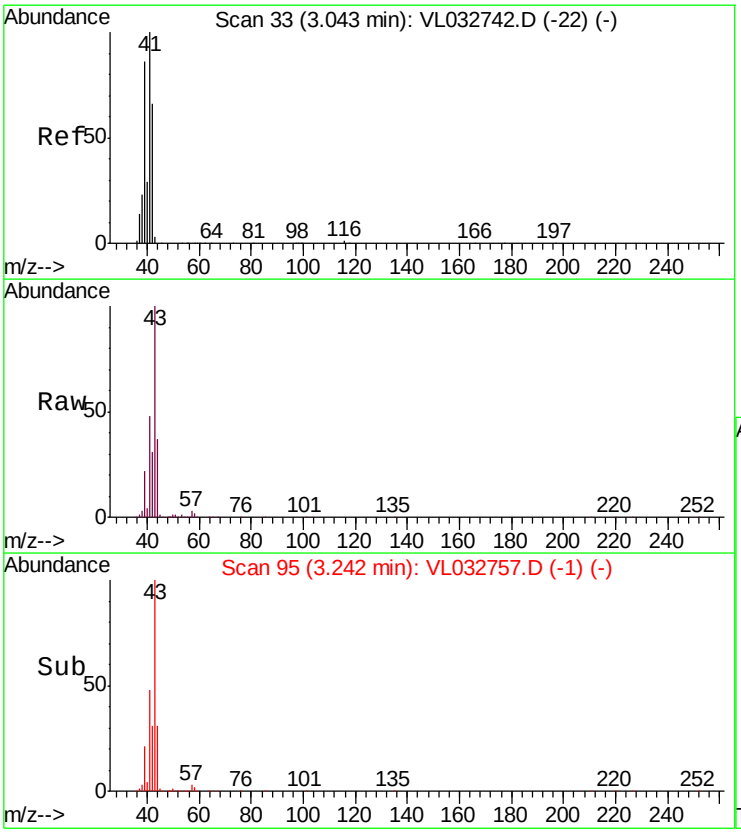
#7
Chloroethane
Concen: 1.232 ppbv
RT: 3.16 min Scan# 70
Delta R.T. -0.44 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Instrument : MSVOA_L
ClientSampleId : IASC2

Tgt Ion: 64 Resp: 28368

Ion	Ratio	Lower	Upper
64	100		
66	33.3	23.2	34.8

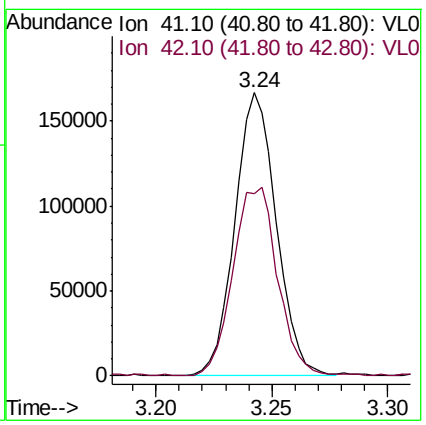


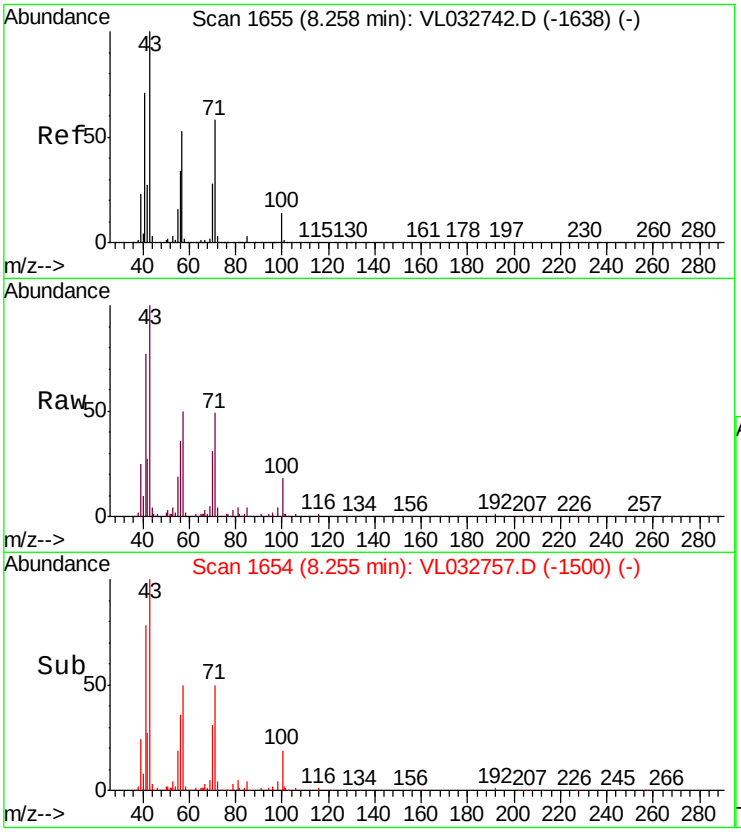


#9
Propene
Concen: 4.745 ppbv
RT: 3.24 min Scan# 95
Delta R.T. 0.20 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Tgt Ion: 41 Resp: 206509

Ion	Ratio	Lower	Upper
41	100		
42	72.5	55.0	82.6



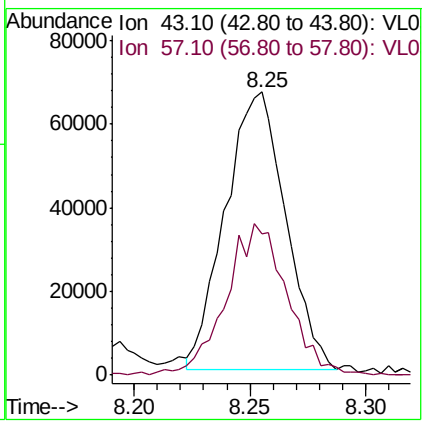


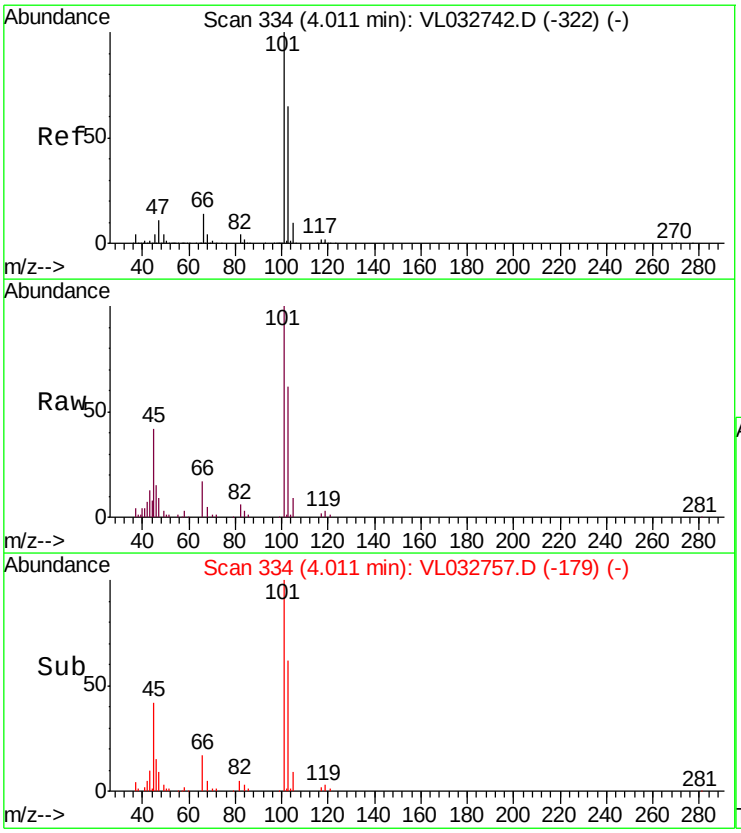
#10
Heptane
Concen: 0.722 ppbv
RT: 8.25 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Instrument : MSVOA_L
ClientSampleId : IASC2

Tgt Ion: 43 Resp: 119973

Ion	Ratio	Lower	Upper
43	100		
57	55.8	41.8	62.8

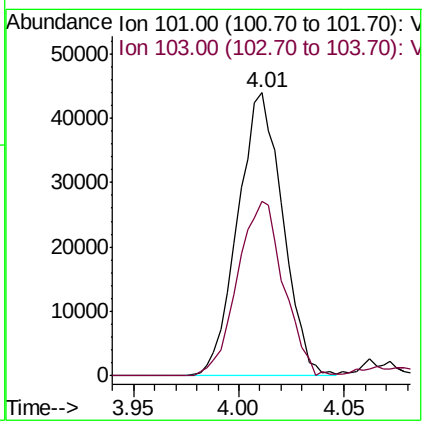


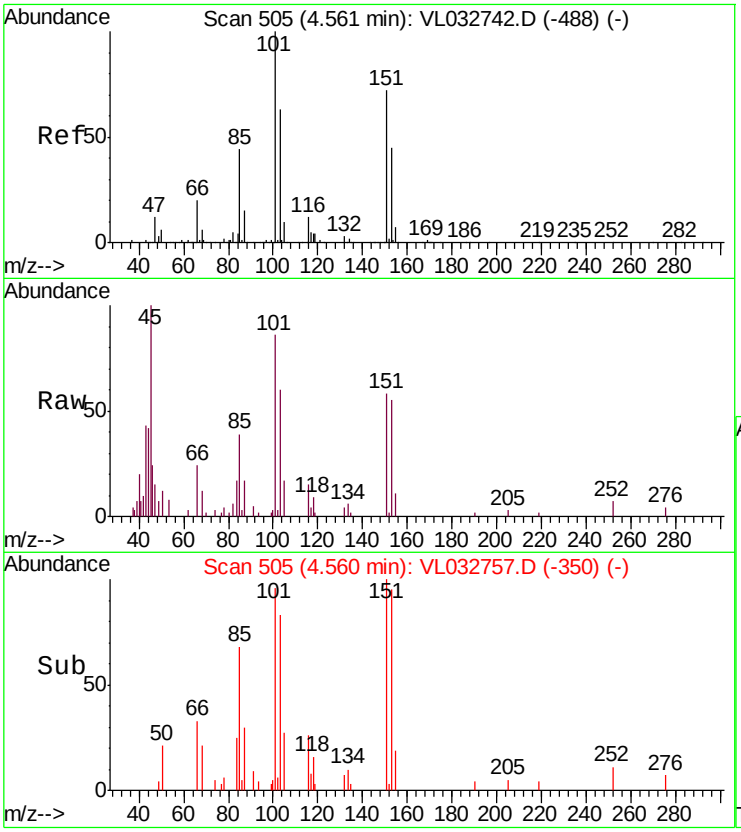


#11
Trichlorofluoromethane
Concen: 0.350 ppbv
RT: 4.01 min Scan# 334
Delta R.T. -0.00 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Tgt Ion:101 Resp: 65042

Ion	Ratio	Lower	Upper
101	100		
103	61.7	51.6	77.4



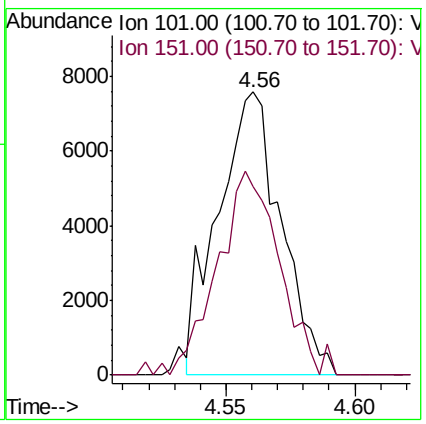


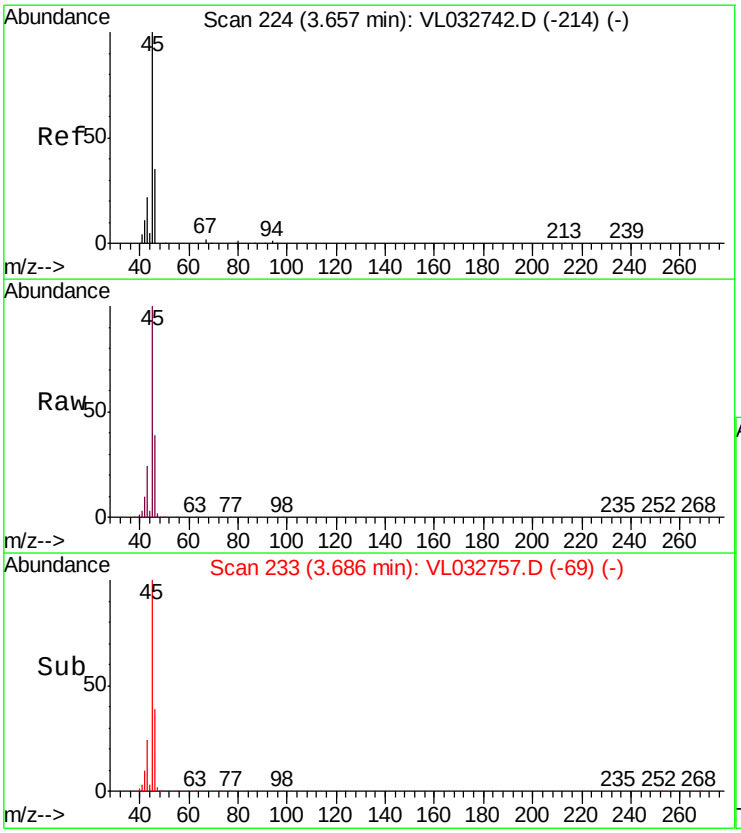
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.086 ppbv
RT: 4.56 min Scan# 505
Delta R.T. -0.00 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Instrument :
MSVOA_L
ClientSampleId :
IASC2

Tgt Ion:101 Resp: 13012

Ion	Ratio	Lower	Upper
101	100		
151	71.1	56.7	85.1

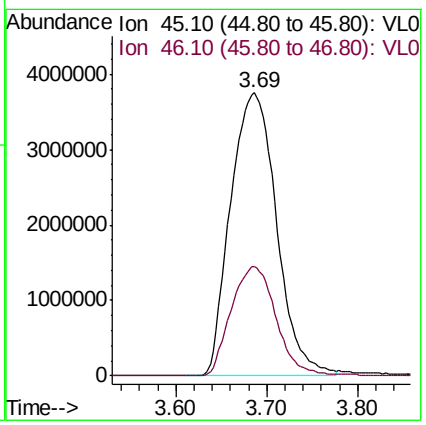


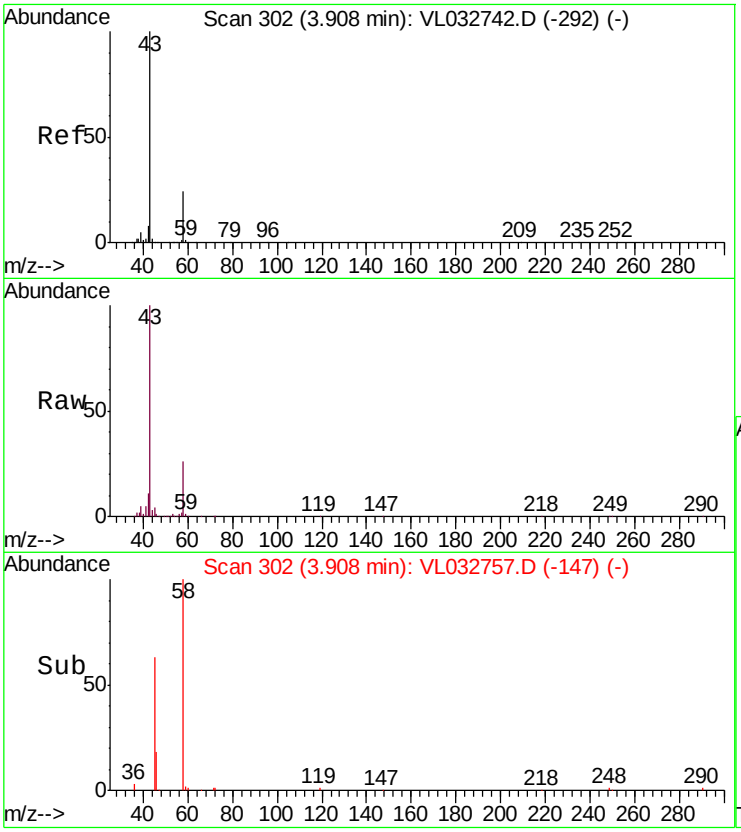


#13
Ethanol
Concen: 925.523 ppbv
RT: 3.69 min Scan# 233
Delta R.T. 0.03 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Tgt Ion: 45 Resp:13192712

Ion	Ratio	Lower	Upper
45	100		
46	38.0	14.5	57.9



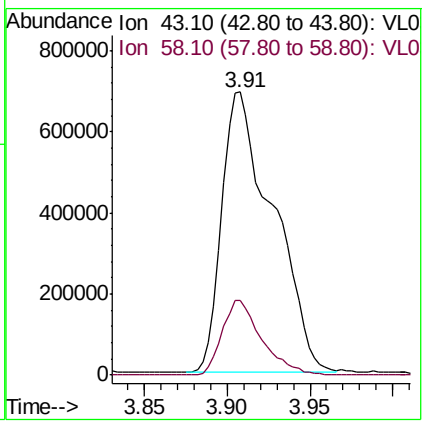


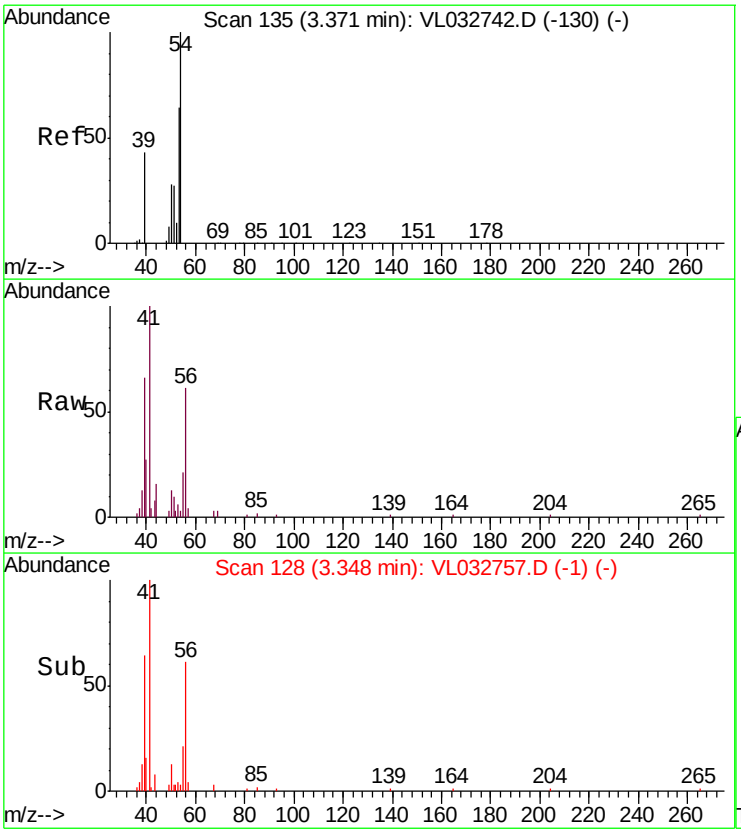
#15
Acetone
Concen: 11.908 ppbv
RT: 3.91 min Scan# 302
Delta R.T. -0.00 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Instrument : MSVOA_L
ClientSampleId : IASC2

Tgt Ion: 43 Resp: 1491730

Ion	Ratio	Lower	Upper
43	100		
58	20.7	21.1	31.7#

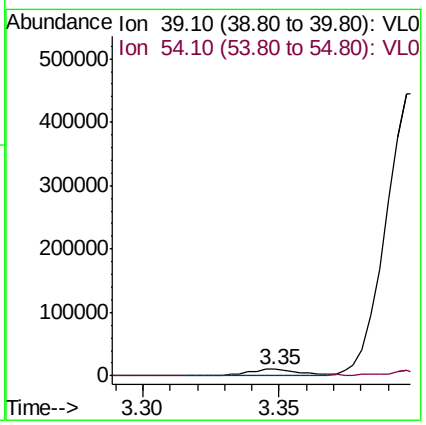


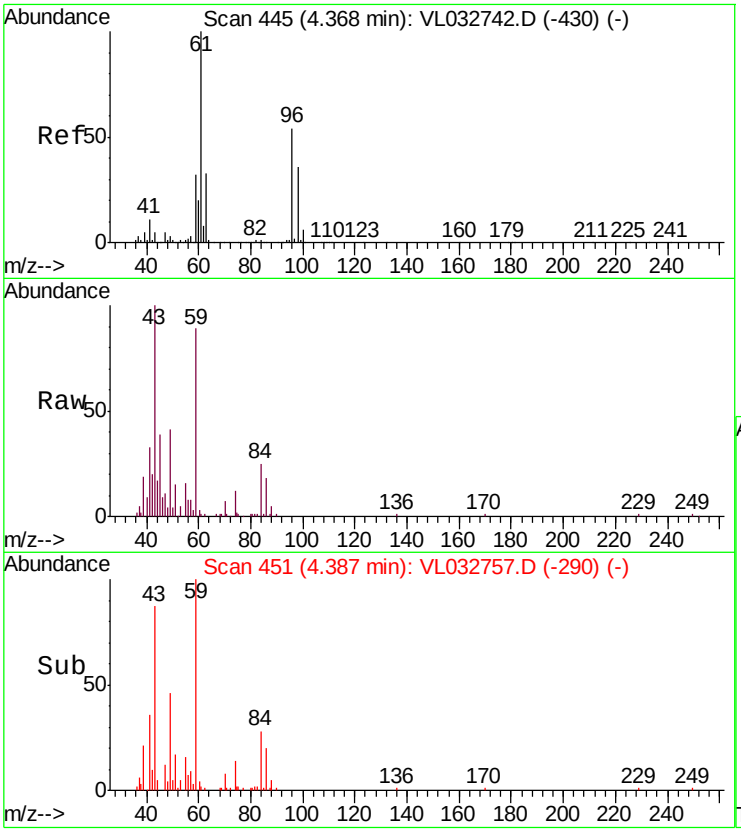


#16
1,3-Butadiene
Concen: 0.294 ppbv
RT: 3.35 min Scan# 128
Delta R.T. -0.02 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Tgt Ion: 39 Resp: 14265

Ion	Ratio	Lower	Upper
39	100		
54	0.0	68.9	103.3#



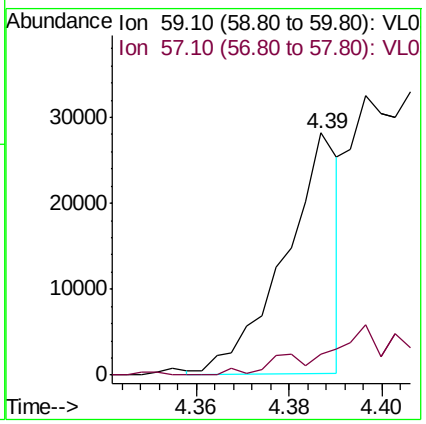


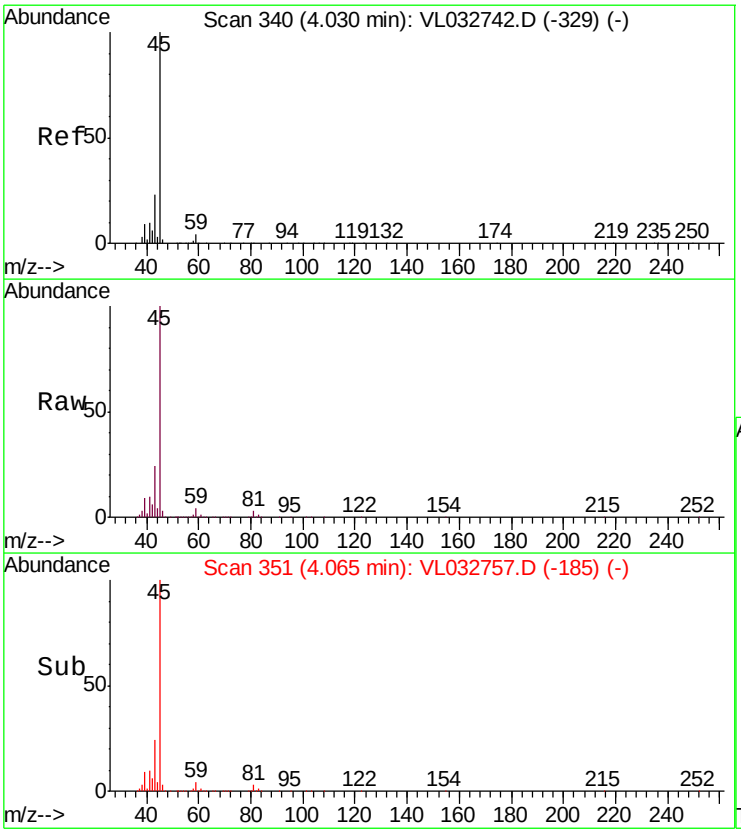
#17
tert-Butyl alcohol
Concen: 0.580 ppbv
RT: 4.39 min Scan# 451
Delta R.T. 0.02 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Instrument :
MSVOA_L
ClientSampleId :
IASC2

Tgt Ion: 59 Resp: 22776

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

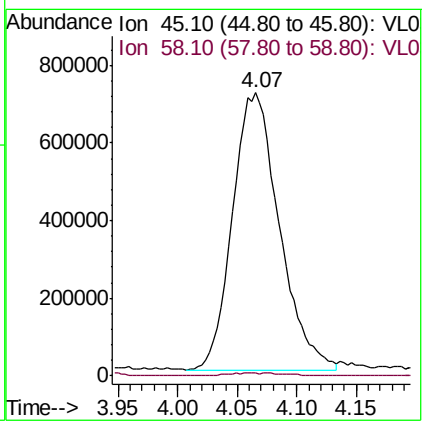


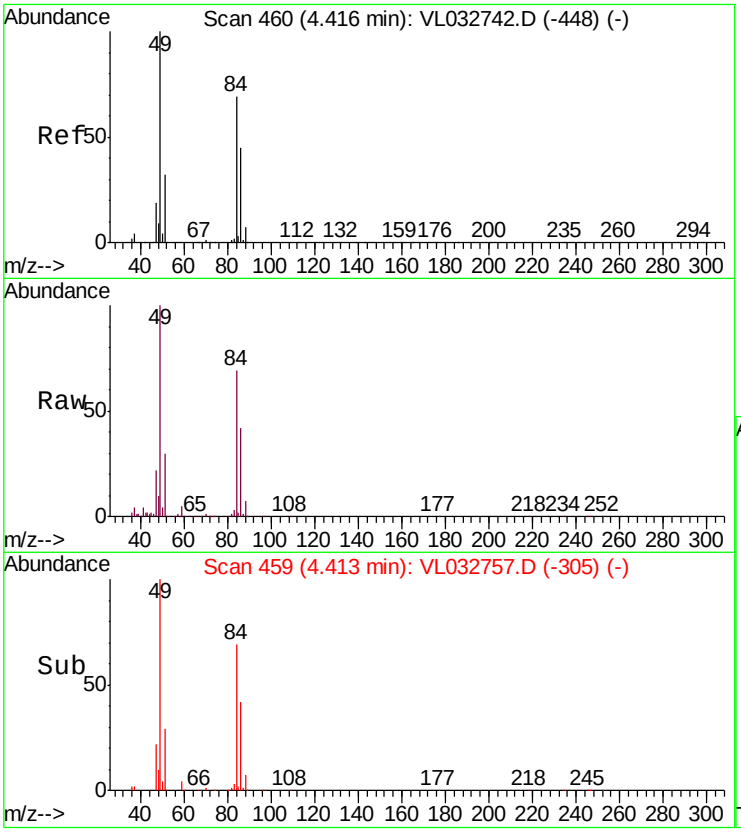


#19
Isopropyl Alcohol
Concen: 23.318 ppbv
RT: 4.07 min Scan# 351
Delta R.T. 0.04 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Tgt Ion: 45 Resp: 1945844

Ion	Ratio	Lower	Upper
45	100		
58	1.4	1.4	2.0



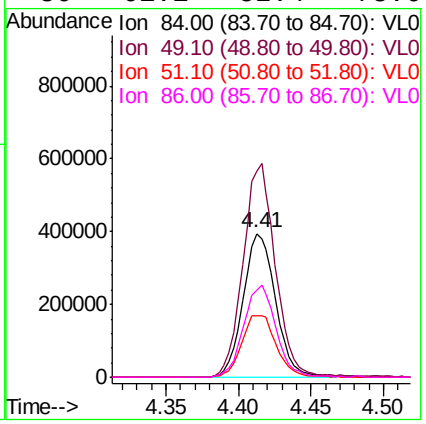


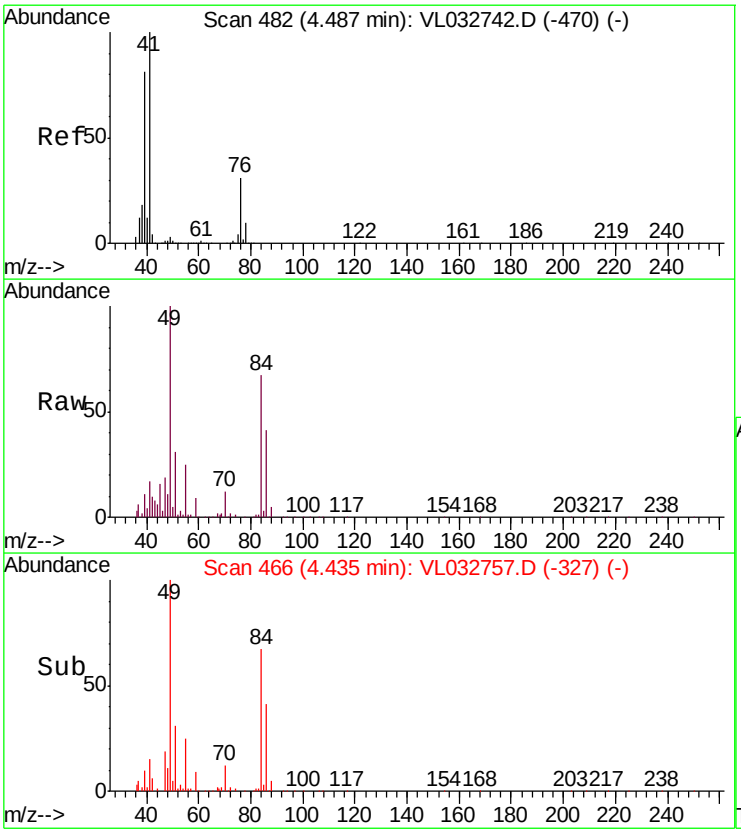
#20
Methylene Chloride
Concen: 9.490 ppbv
RT: 4.41 min Scan# 459
Delta R.T. -0.00 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Instrument : MSVOA_L
ClientSampleId : IASC2

Tgt Ion: 84 Resp: 615394

Ion	Ratio	Lower	Upper
84	100		
49	144.1	115.8	173.6
51	42.8	36.9	55.3
86	61.1	52.4	78.6

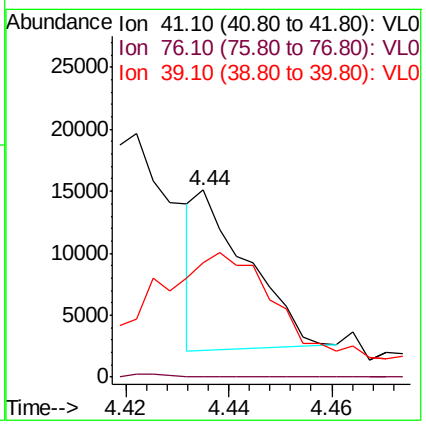


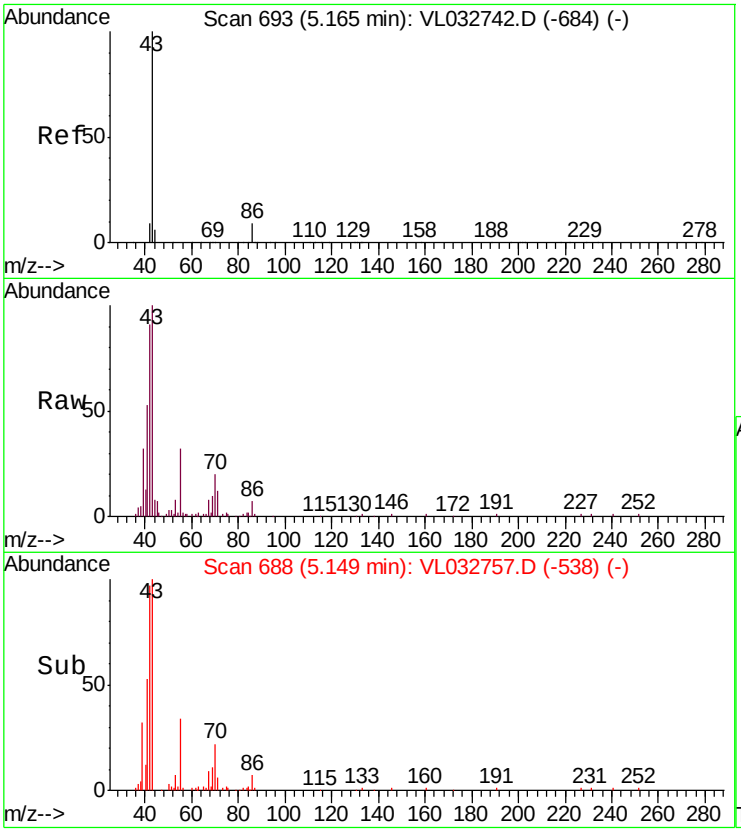


#21
Allyl Chloride
Concen: 0.085 ppbv
RT: 4.44 min Scan# 466
Delta R.T. -0.05 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Tgt Ion: 41 Resp: 8942

Ion	Ratio	Lower	Upper
41	100		
76	0.0	24.4	36.6#
39	389.5	63.5	95.3#



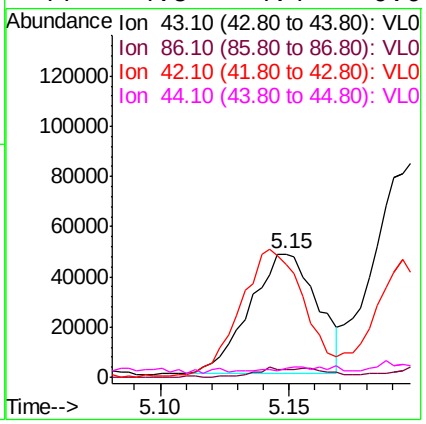


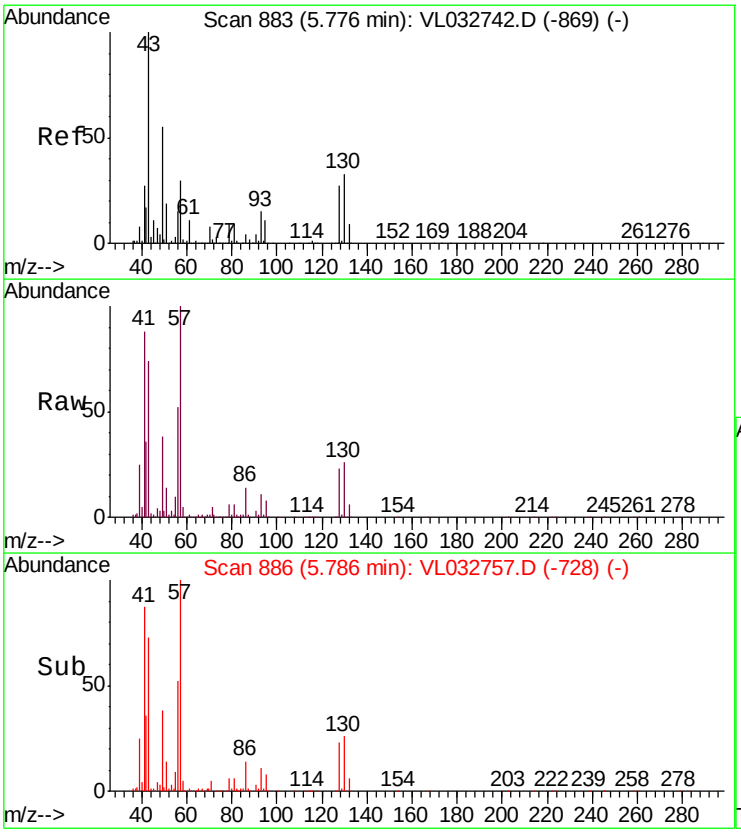
#23
Vinyl Acetate
Concen: 0.380 ppbv
RT: 5.15 min Scan# 688
Delta R.T. -0.02 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Instrument : MSVOA_L
ClientSampleId : IASC2

Tgt Ion: 43 Resp: 86668

Ion	Ratio	Lower	Upper
43	100		
86	6.3	6.2	9.4
42	92.7	7.8	11.6#
44	4.5	4.4	6.6

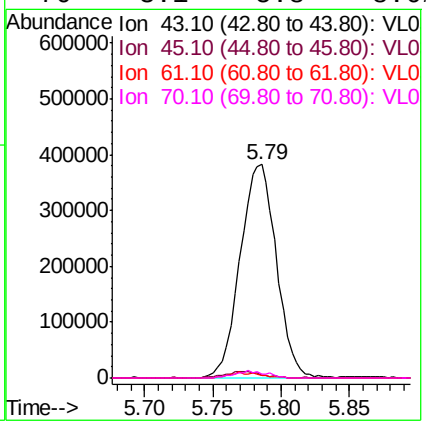


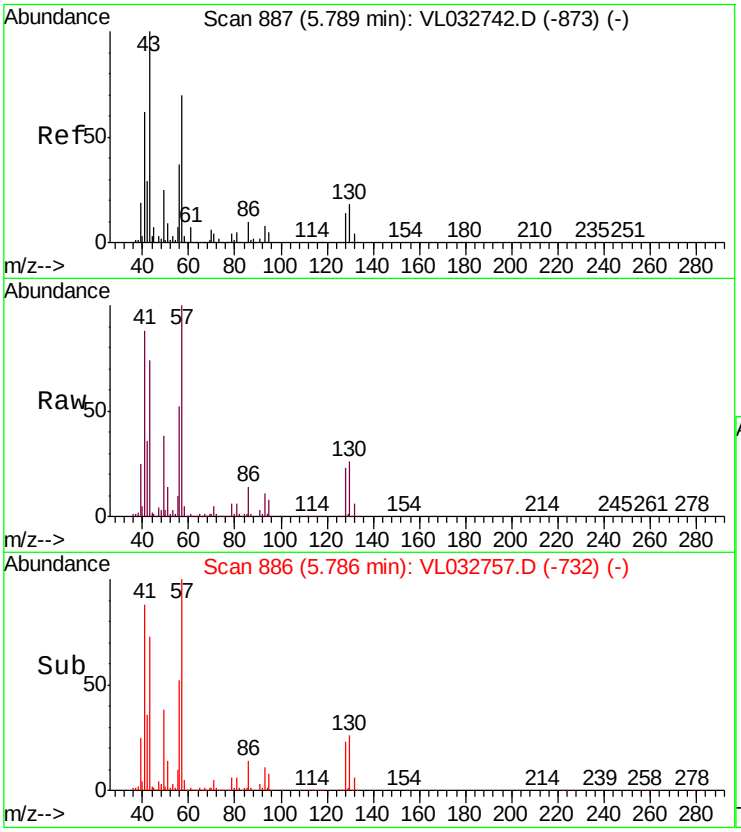


#25
Ethyl Acetate
Concen: 2.413 ppbv
RT: 5.79 min Scan# 886
Delta R.T. 0.01 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Tgt Ion: 43 Resp: 704629

Ion	Ratio	Lower	Upper
43	100		
45	3.2	7.9	11.9#
61	2.3	7.8	11.6#
70	3.1	5.8	8.6#



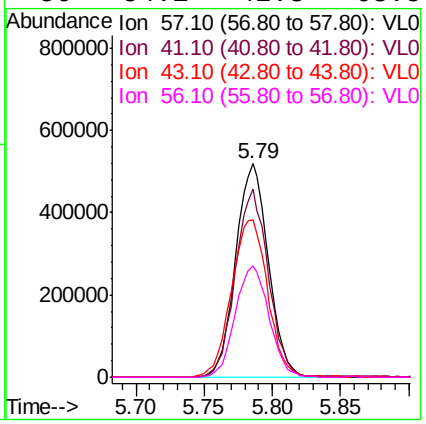


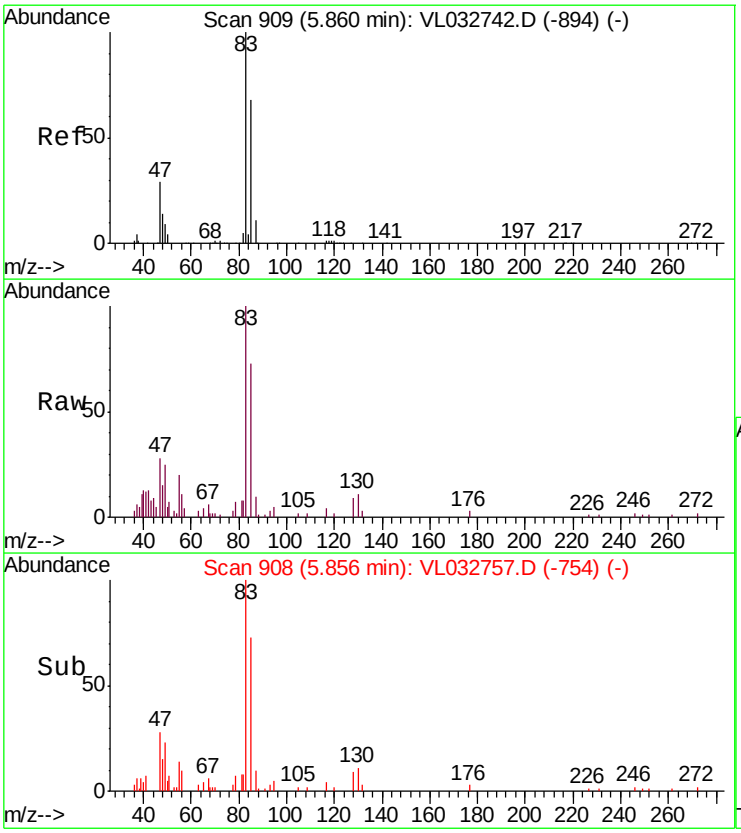
#26
Hexane
Concen: 6.633 ppbv
RT: 5.79 min Scan# 886
Delta R.T. -0.00 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Instrument : MSVOA_L
ClientSampleId : IASC2

Tgt Ion: 57 Resp: 862100

Ion	Ratio	Lower	Upper
57	100		
41	89.4	70.3	105.5
43	82.1	174.0	261.0#
56	54.1	42.3	63.5

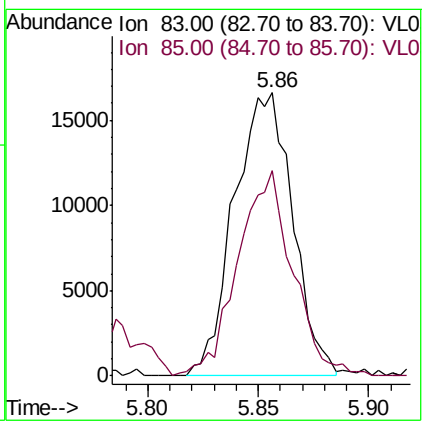


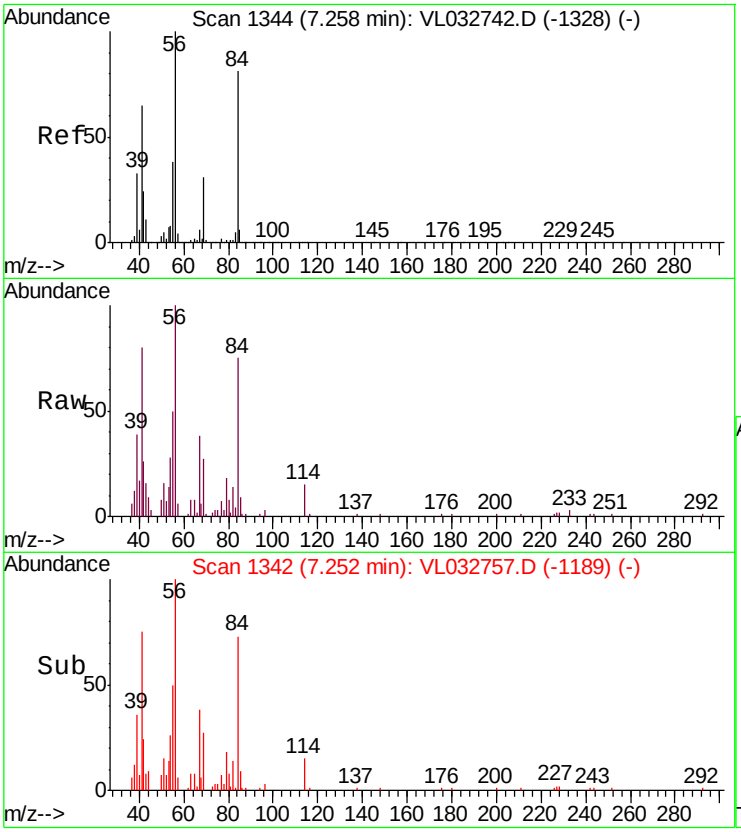


#29
Chloroform
Concen: 0.132 ppbv
RT: 5.86 min Scan# 908
Delta R.T. -0.00 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Tgt Ion: 83 Resp: 30465

Ion	Ratio	Lower	Upper
83	100		
85	71.2	54.2	81.4



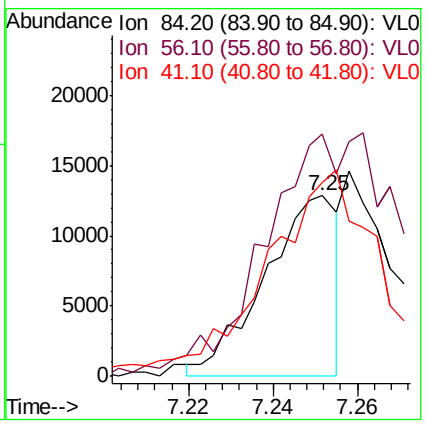


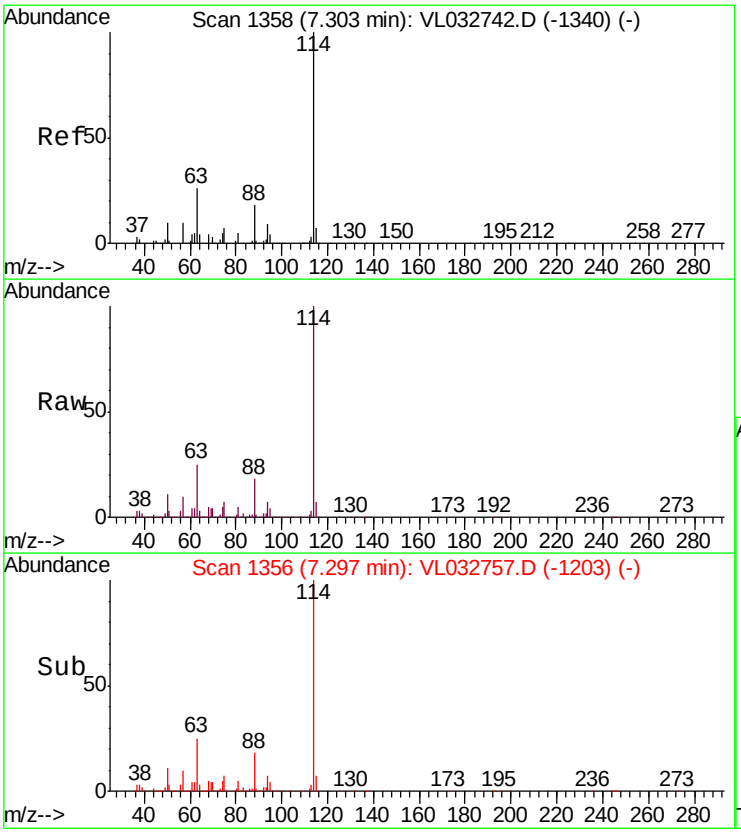
#30
Cyclohexane
Concen: 0.135 ppbv
RT: 7.25 min Scan# 1342
Delta R.T. -0.01 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Instrument : MSVOA_L
ClientSampleId : IASC2

Tgt Ion: 84 Resp: 15366

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

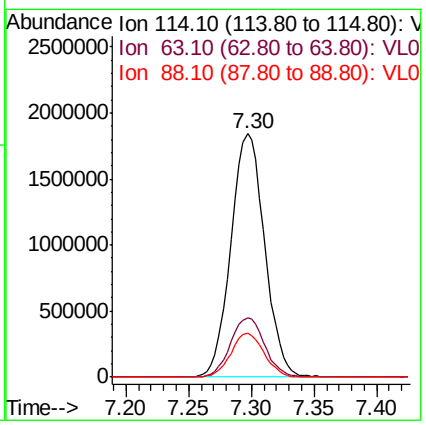


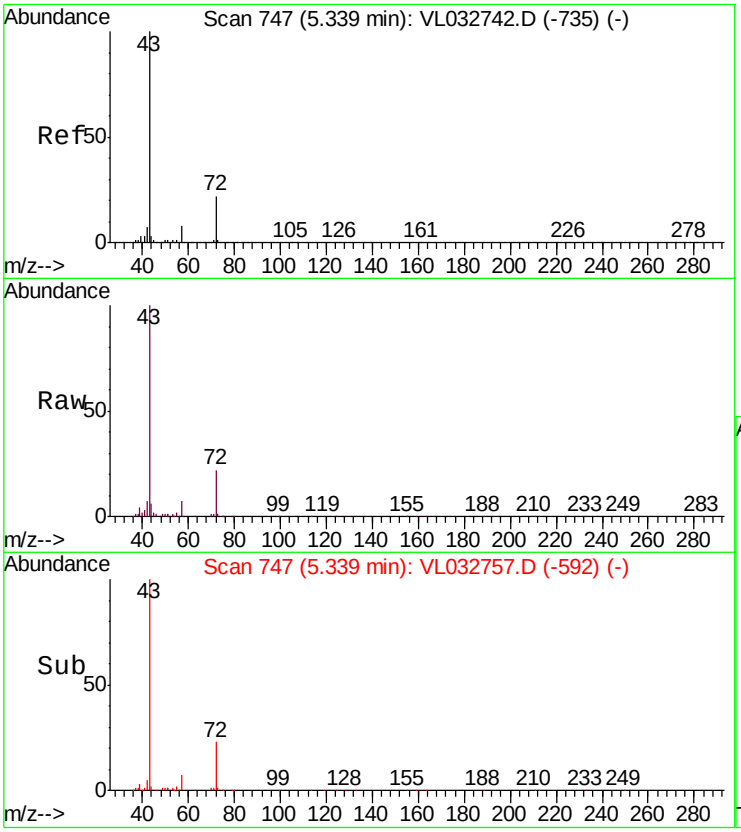


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1356
Delta R.T. -0.01 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Tgt Ion:114 Resp: 3453622

Ion	Ratio	Lower	Upper
114	100		
63	24.9	20.9	31.3
88	17.9	14.4	21.6



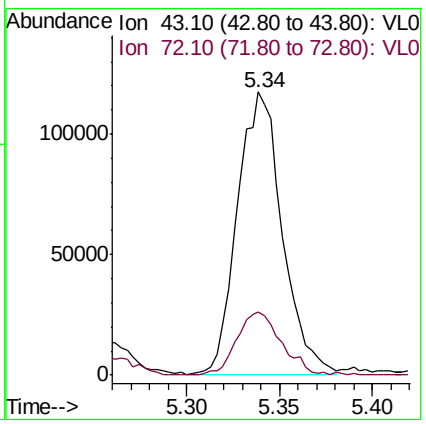


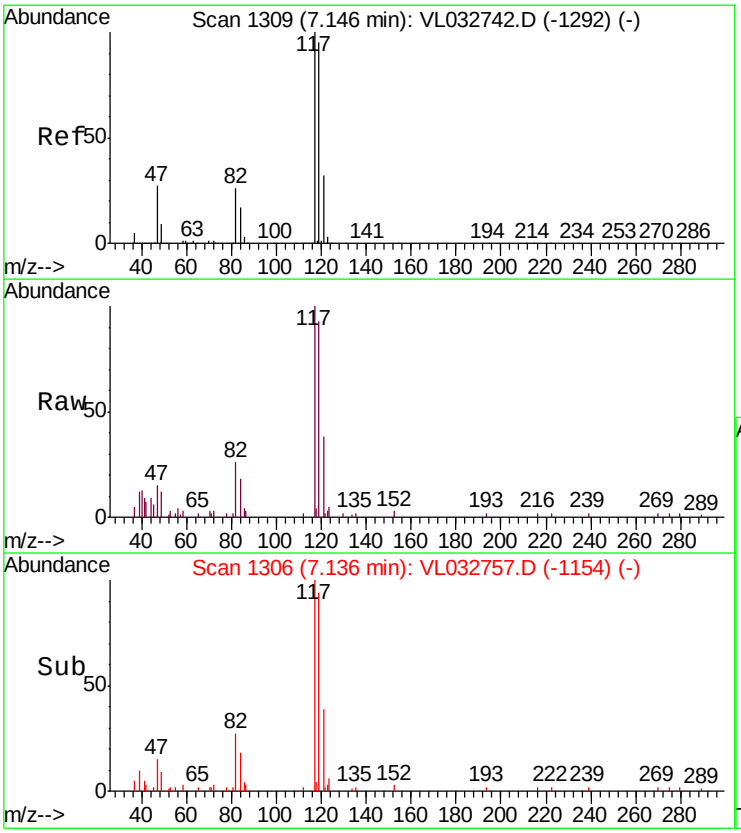
#34
2-Butanone
Concen: 1.094 ppbv
RT: 5.34 min Scan# 747
Delta R.T. -0.00 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Instrument :
MSVOA_L
ClientSampleId :
IASC2

Tgt Ion: 43 Resp: 195921

Ion	Ratio	Lower	Upper
43	100		
72	22.7	18.4	27.6

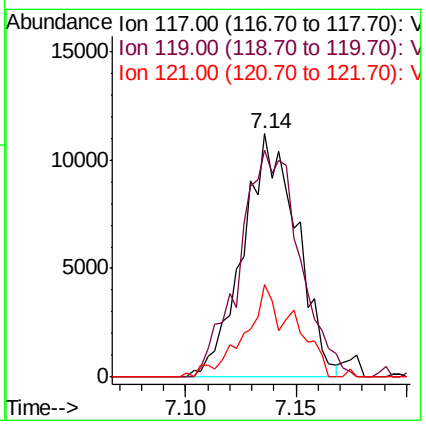


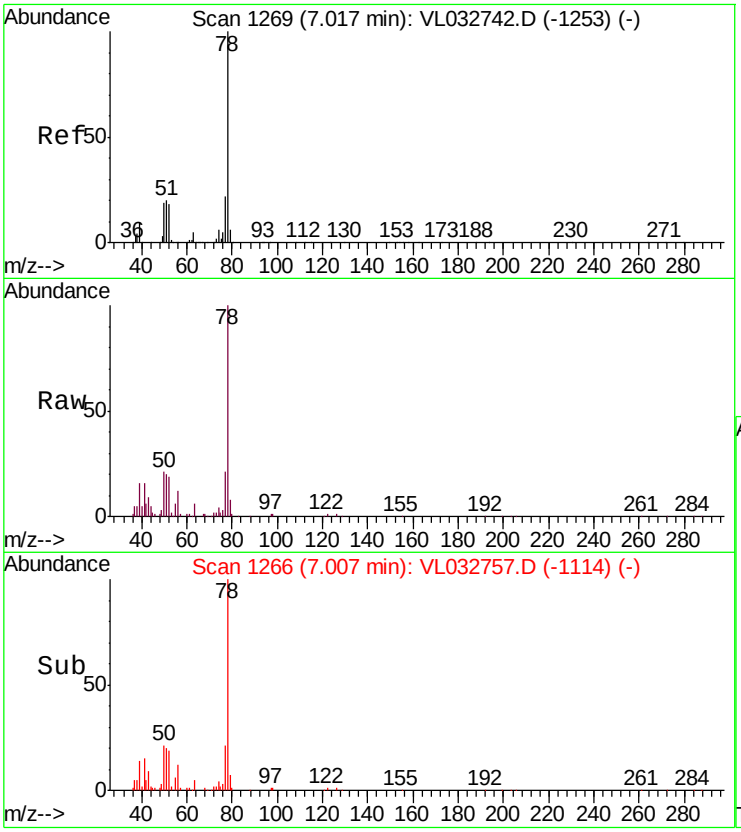


#35
Carbon Tetrachloride
Concen: 0.068 ppbv
RT: 7.14 min Scan# 1306
Delta R.T. -0.01 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Tgt Ion:117 Resp: 19017

Ion	Ratio	Lower	Upper
117	100		
119	93.0	76.1	114.1
121	38.1	25.4	38.0#



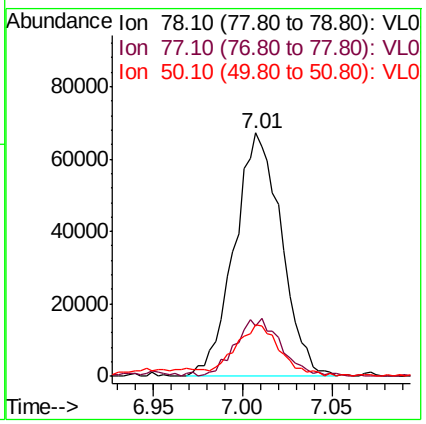


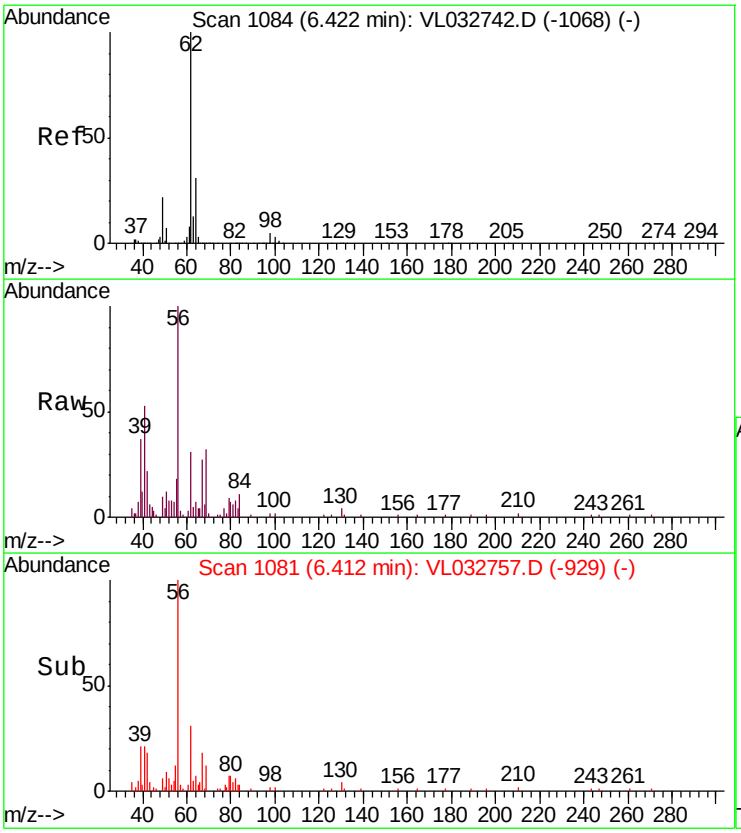
#36
Benzene
Concen: 0.451 ppbv
RT: 7.01 min Scan# 1266
Delta R.T. -0.01 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Instrument :
MSVOA_L
ClientSampleId :
IASC2

Tgt Ion: 78 Resp: 123930

Ion	Ratio	Lower	Upper
78	100		
77	20.0	17.8	26.8
50	20.9	15.4	23.0

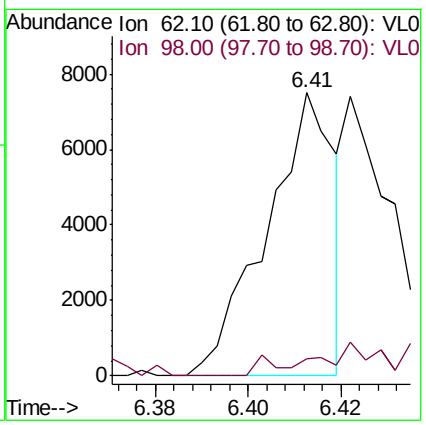


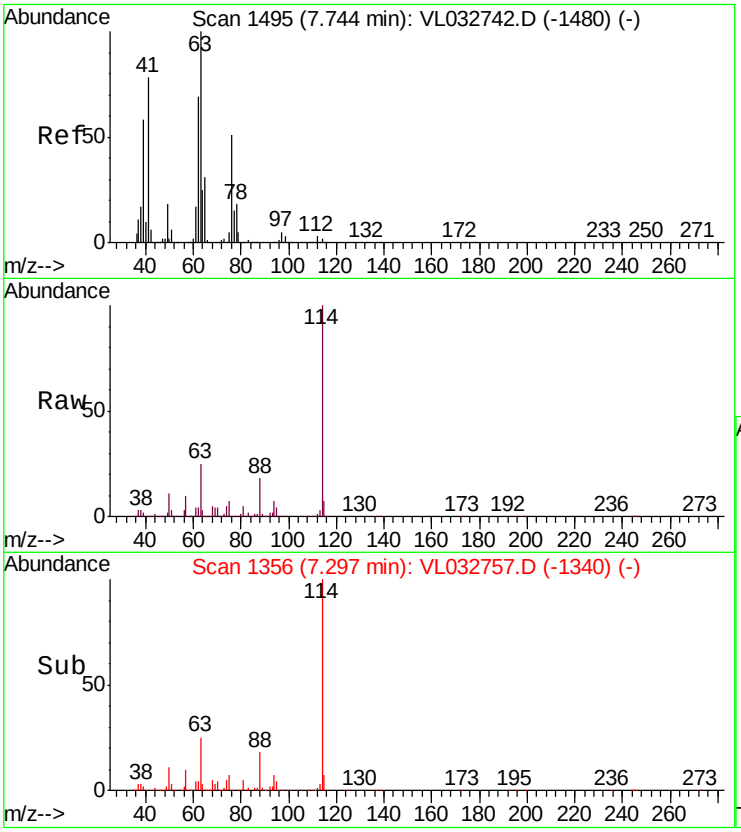


#37
1,2-Dichloroethane
Concen: 0.041 ppbv
RT: 6.41 min Scan# 1081
Delta R.T. -0.01 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Tgt Ion: 62 Resp: 7609

Ion	Ratio	Lower	Upper
62	100		
98	0.0	4.5	6.7#



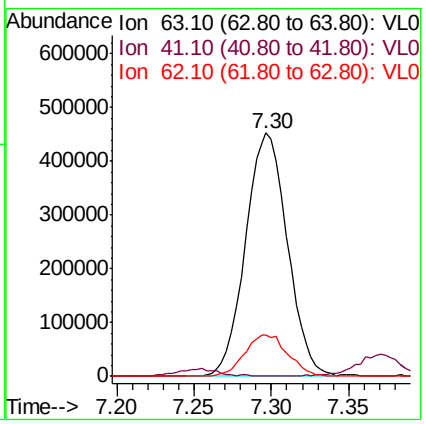


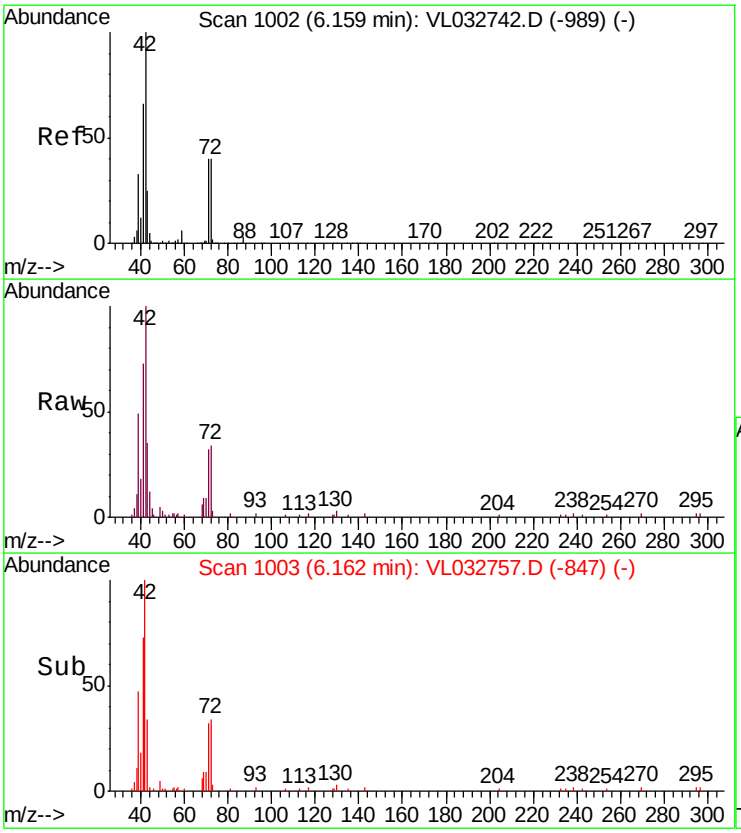
#39
1,2-Dichloropropane
Concen: 8.108 ppbv
RT: 7.30 min Scan# 1356
Delta R.T. -0.45 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Instrument : MSVOA_L
ClientSampleId : IASC2

Tgt Ion: 63 Resp: 849602

Ion	Ratio	Lower	Upper
63	100		
41	0.0	62.0	93.0#
62	17.1	55.4	83.2#

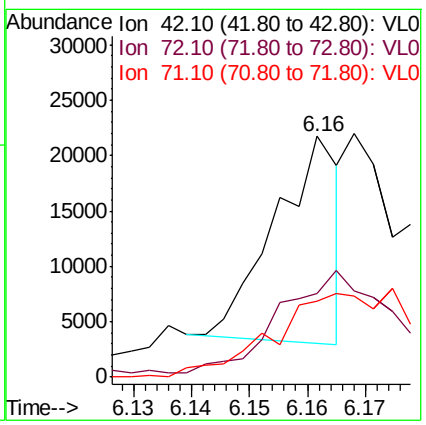


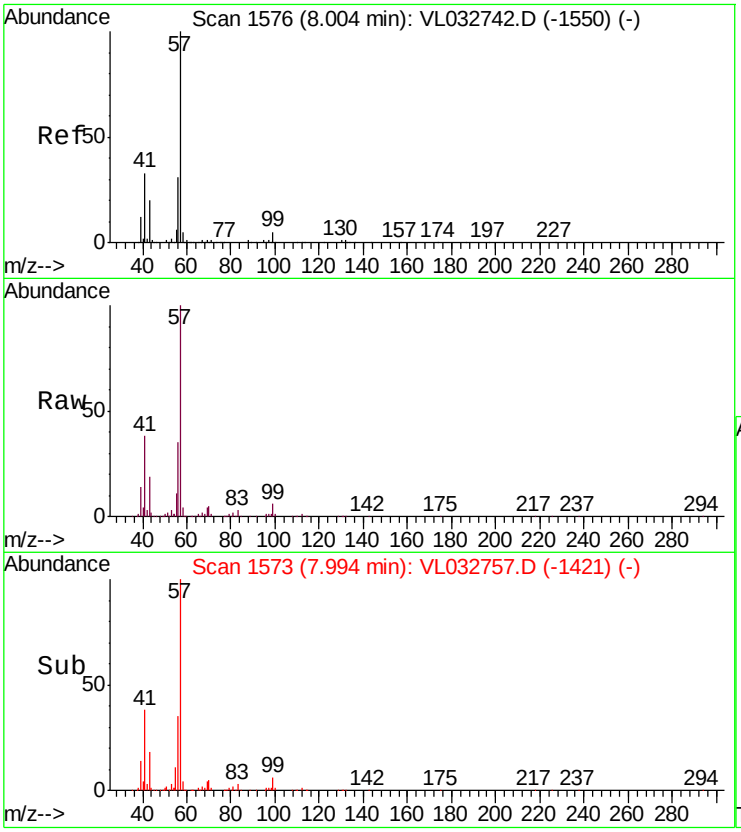


#41
Tetrahydrofuran
Concen: 0.139 ppbv
RT: 6.16 min Scan# 1003
Delta R.T. 0.00 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Tgt Ion: 42 Resp: 14297

Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.4	48.6#
71	0.0	31.6	47.4#



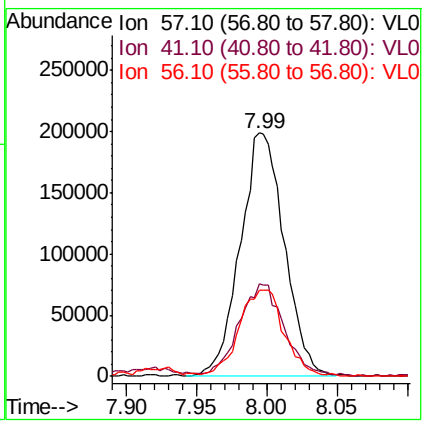


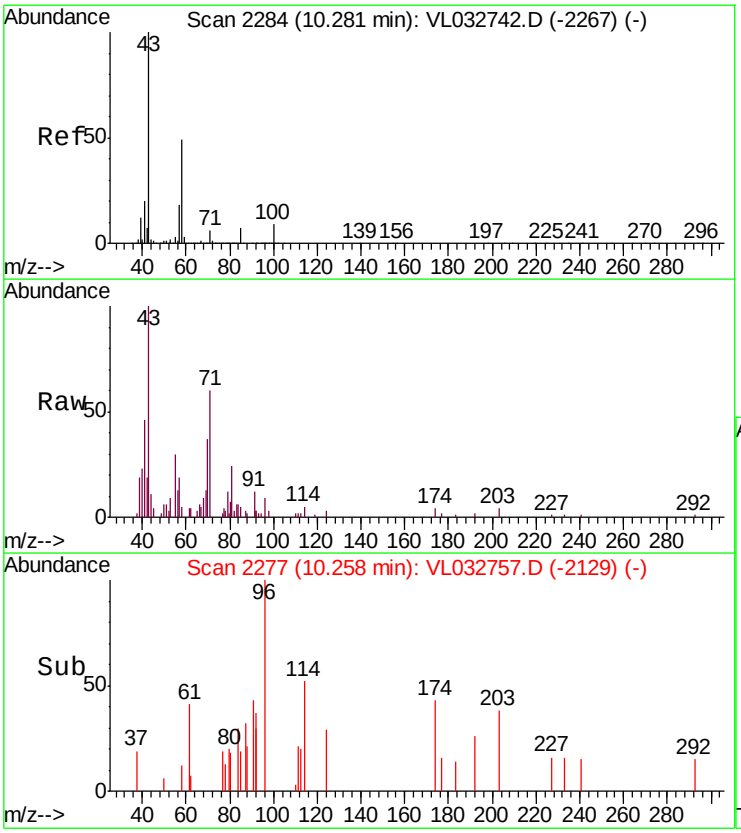
#44
2,2,4-Trimethylpentane
Concen: 0.938 ppbv
RT: 7.99 min Scan# 1573
Delta R.T. -0.01 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Instrument : MSVOA_L
ClientSampleId : IASC2

Tgt Ion: 57 Resp: 430876

Ion	Ratio	Lower	Upper
57	100		
41	39.5	26.6	39.8
56	36.9	24.8	37.2

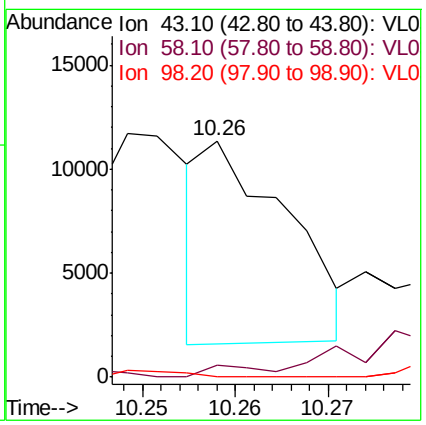


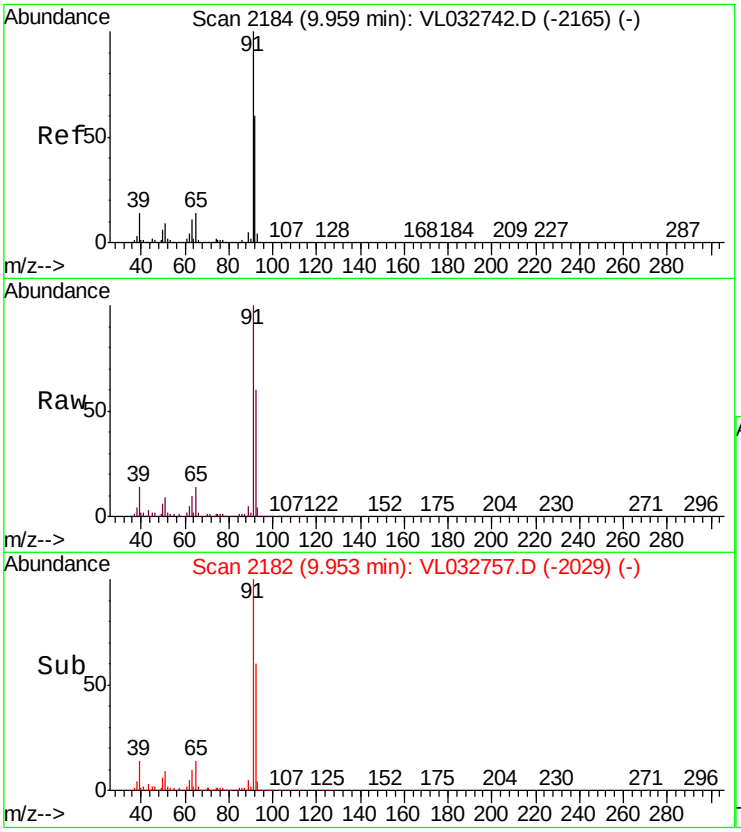


#51
2-Hexanone
Concen: 0.034 ppbv
RT: 10.26 min Scan# 2277
Delta R.T. -0.02 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Tgt Ion: 43 Resp: 6132

Ion	Ratio	Lower	Upper
43	100		
58	0.0	38.9	58.3#
98	0.0	0.2	0.4#



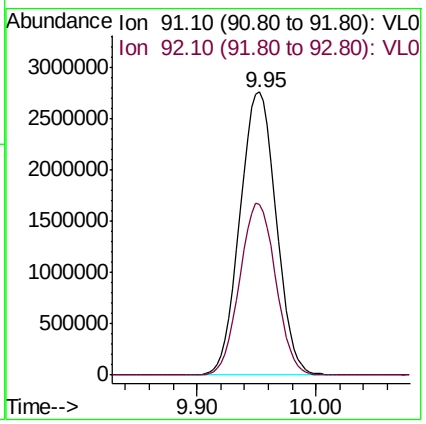


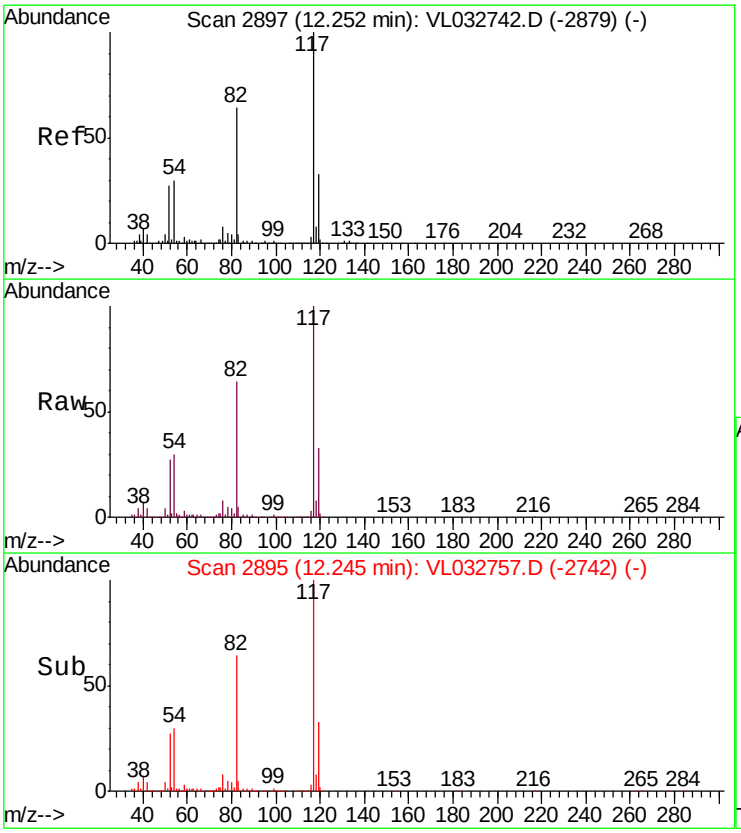
#53
Toluene
Concen: 20.304 ppbv
RT: 9.95 min Scan# 2182
Delta R.T. -0.01 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Instrument : MSVOA_L
ClientSampleId : IASC2

Tgt Ion: 91 Resp: 5825474

Ion	Ratio	Lower	Upper
91	100		
92	60.3	47.9	71.9

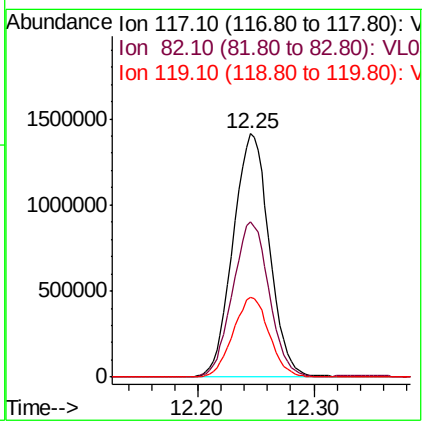


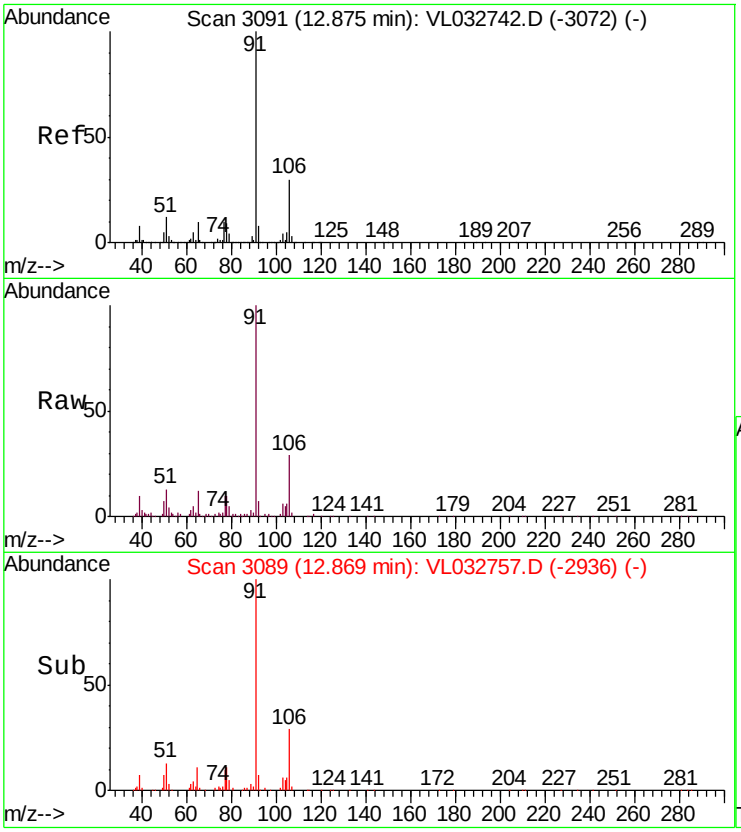


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2895
Delta R.T. -0.01 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Tgt Ion:117 Resp: 3068880

Ion	Ratio	Lower	Upper
117	100		
82	64.3	51.0	76.6
119	32.8	28.0	42.0



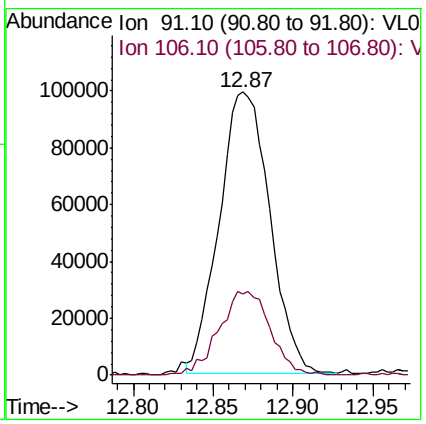


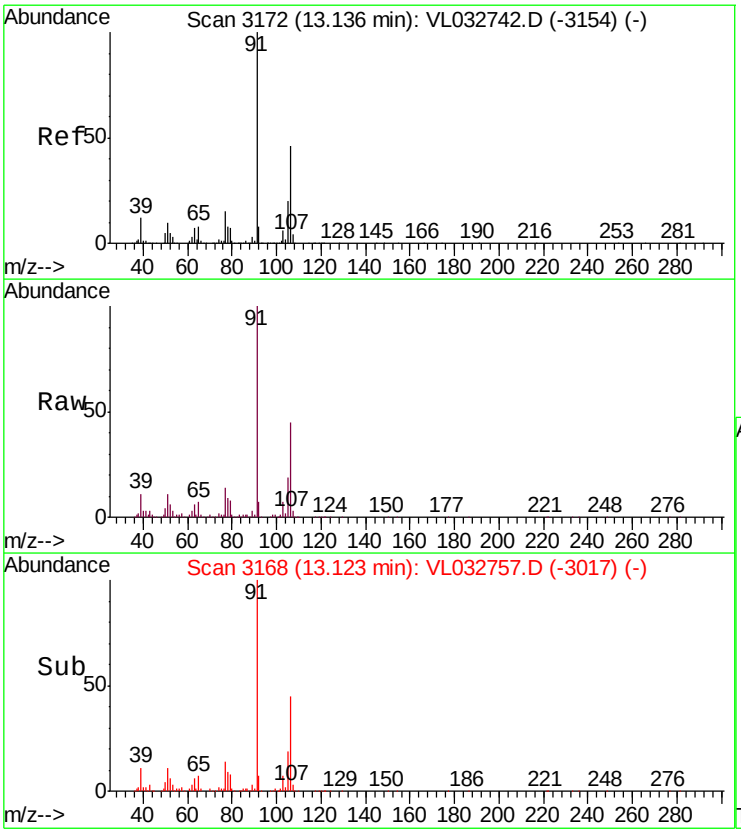
#58
Ethyl Benzene
Concen: 0.582 ppbv
RT: 12.87 min Scan# 3089
Delta R.T. -0.01 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Instrument : MSVOA_L
ClientSampleId : IASC2

Tgt Ion: 91 Resp: 214959

Ion	Ratio	Lower	Upper
91	100		
106	28.6	23.6	35.4

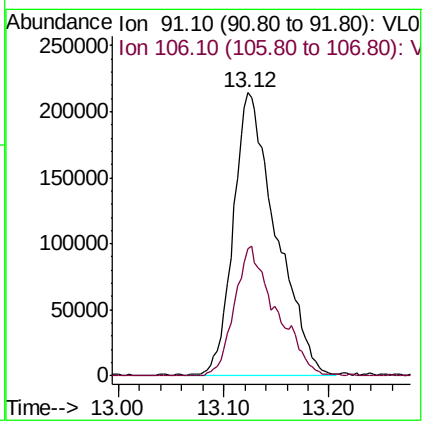


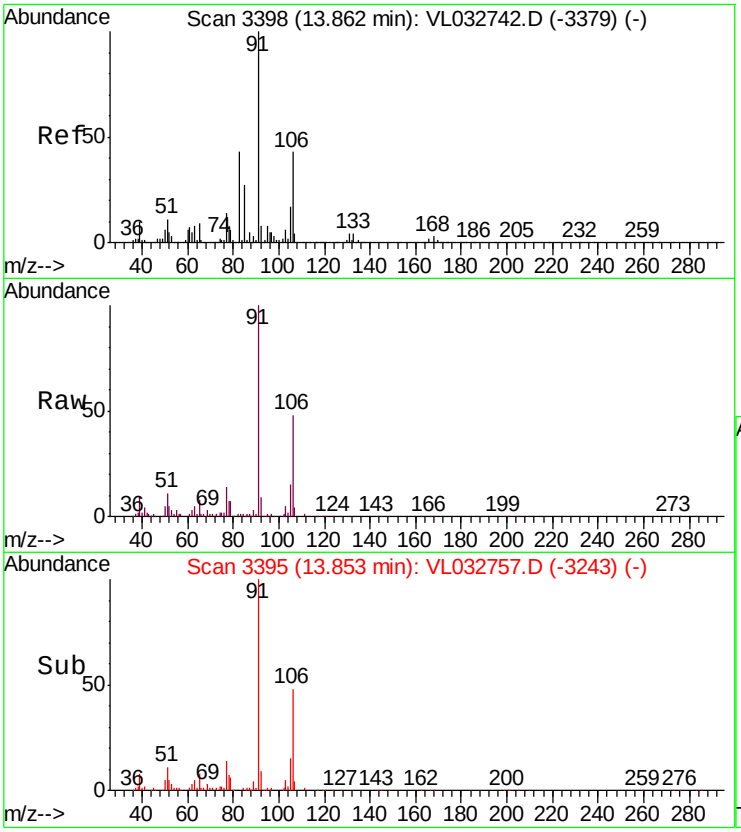


#59
m/p-Xylene
Concen: 1.820 ppbv
RT: 13.12 min Scan# 3168
Delta R.T. -0.01 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Tgt Ion: 91 Resp: 598261

Ion	Ratio	Lower	Upper
91	100		
106	45.0	36.1	54.1



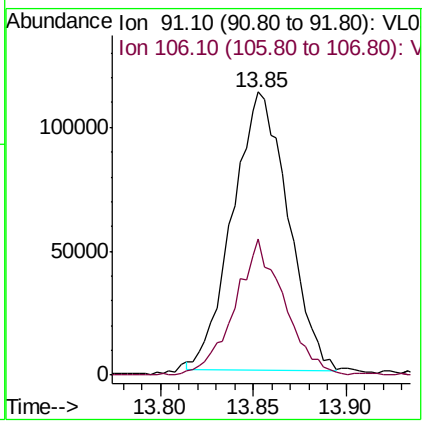


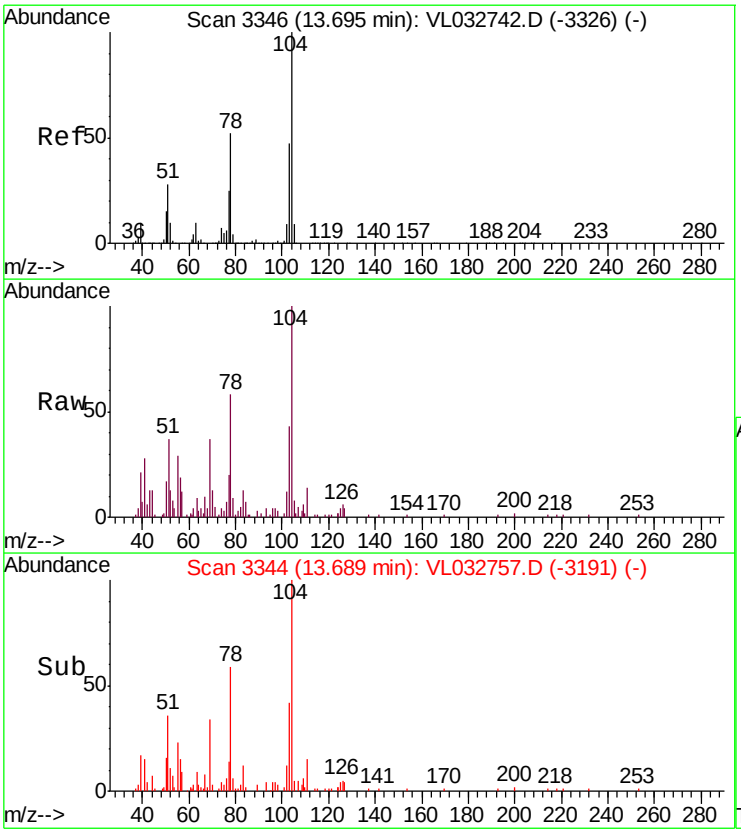
#60
o-Xylene
Concen: 0.705 ppbv
RT: 13.85 min Scan# 3395
Delta R.T. -0.01 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Instrument : MSVOA_L
ClientSampleId : IASC2

Tgt Ion: 91 Resp: 232937

Ion	Ratio	Lower	Upper
91	100		
106	44.3	21.9	65.7

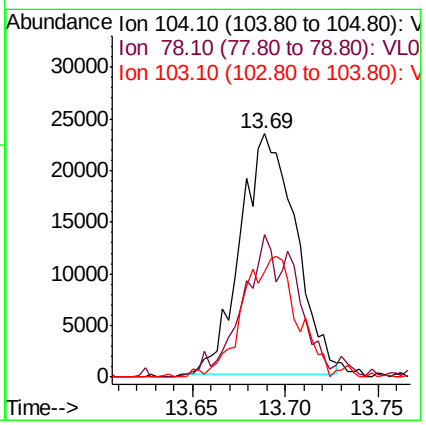


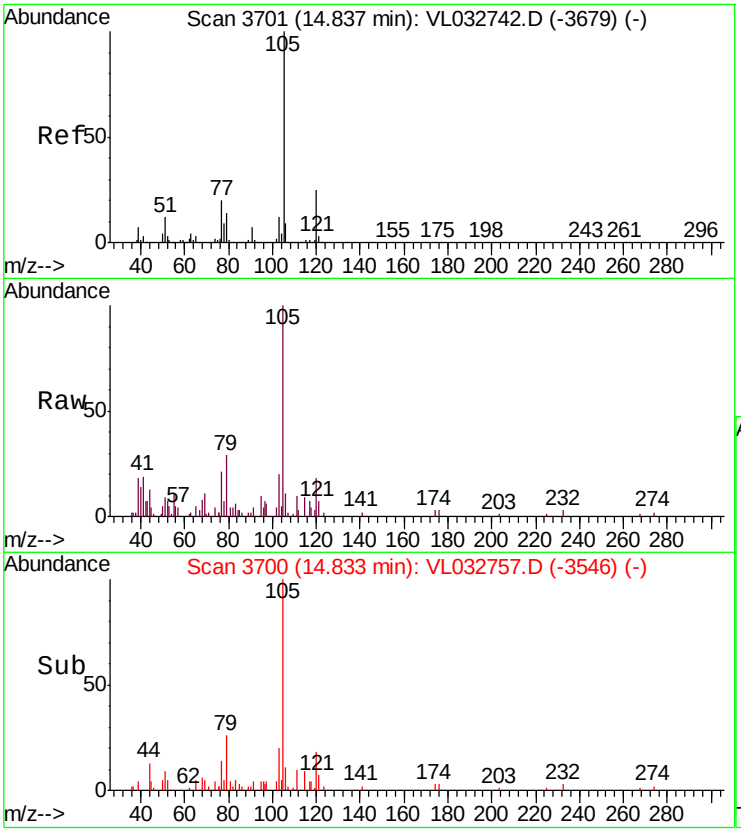


#61
Styrene
Concen: 0.226 ppbv
RT: 13.69 min Scan# 3344
Delta R.T. -0.01 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Tgt Ion:104 Resp: 48560

Ion	Ratio	Lower	Upper
104	100		
78	61.0	42.2	63.4
103	51.5	38.2	57.2



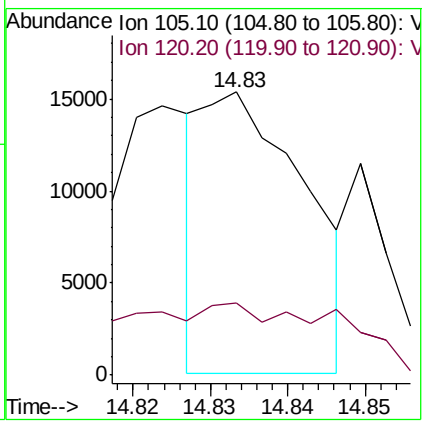


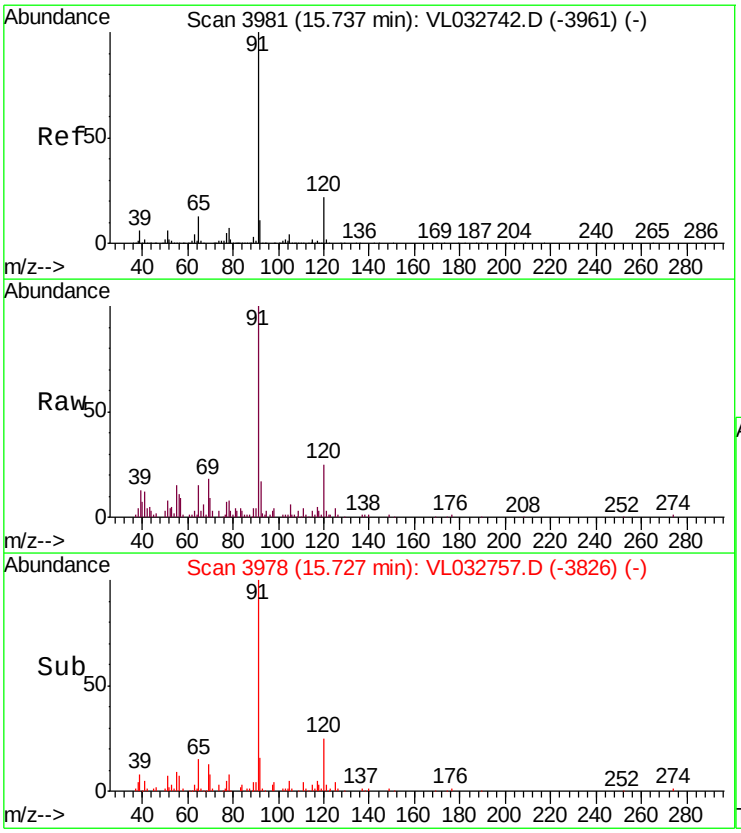
#62
Isopropylbenzene
Concen: 0.031 ppbv
RT: 14.83 min Scan# 3700
Delta R.T. -0.00 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Instrument :
MSVOA_L
ClientSampleId :
IASC2

Tgt Ion:105 Resp: 13912

Ion	Ratio	Lower	Upper
105	100		
120	71.2	20.1	30.1#

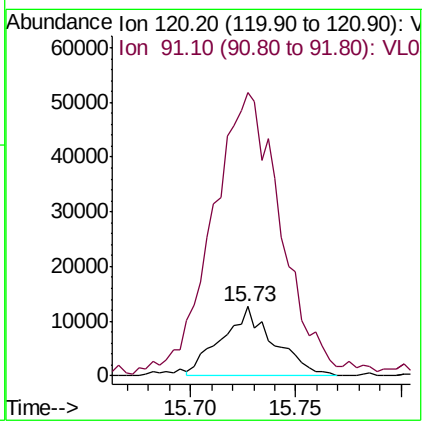


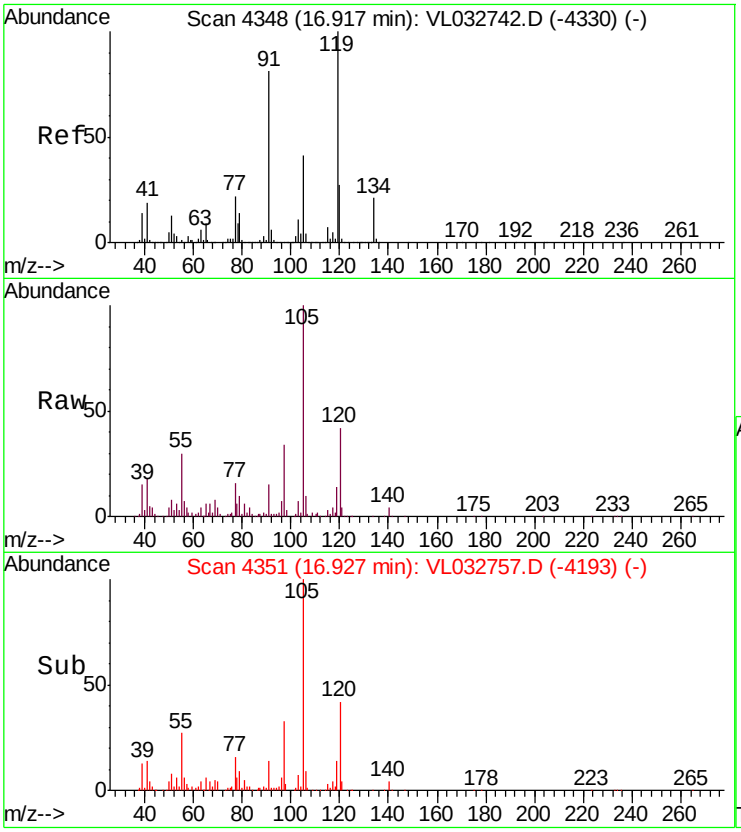


#64
n-propylbenzene
Concen: 0.185 ppbv
RT: 15.73 min Scan# 3978
Delta R.T. -0.01 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Tgt Ion:120 Resp: 21720

Ion	Ratio	Lower	Upper
120	100		
91	536.7	381.7	572.5



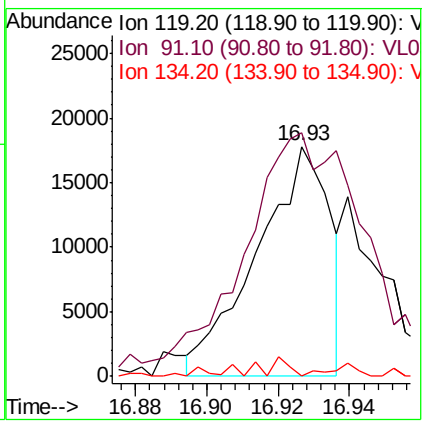


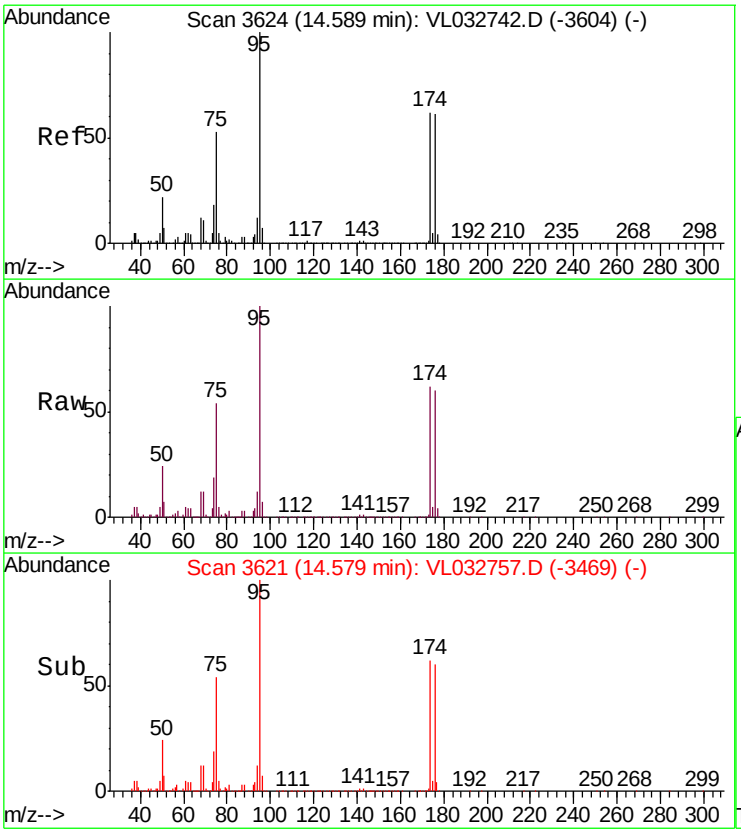
#65
tert-Butylbenzene
Concen: 0.063 ppbv
RT: 16.93 min Scan# 4351
Delta R.T. 0.01 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Instrument : MSVOA_L
ClientSampleId : IASC2

Tgt Ion:119 Resp: 25091

Ion	Ratio	Lower	Upper
119	100		
91	161.1	65.6	98.4#
134	7.6	15.9	23.9#

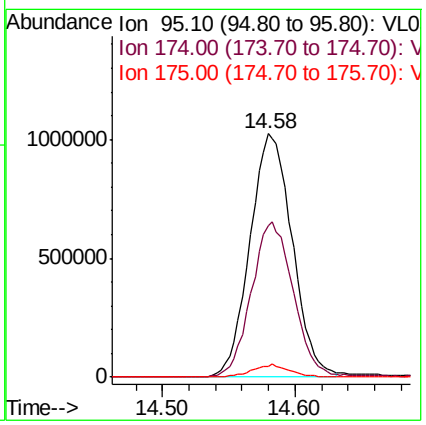


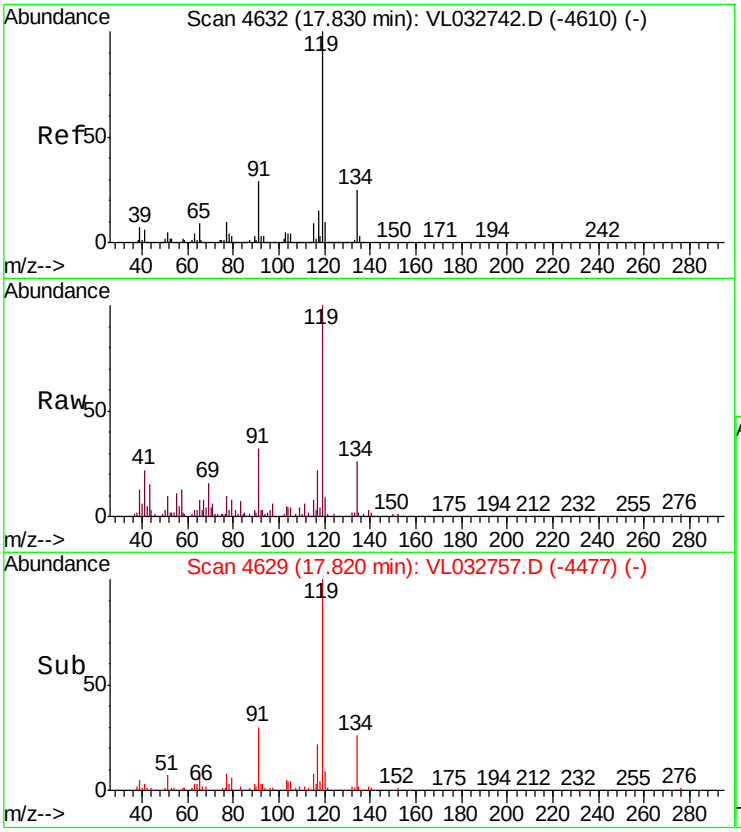


#68
1-Bromo-4-Fluorobenzene
Concen: 9.893 ppbv
RT: 14.58 min Scan# 3621
Delta R.T. -0.01 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Tgt Ion: 95 Resp: 2270701

Ion	Ratio	Lower	Upper
95	100		
174	63.7	50.7	76.1
175	4.7	3.8	5.6



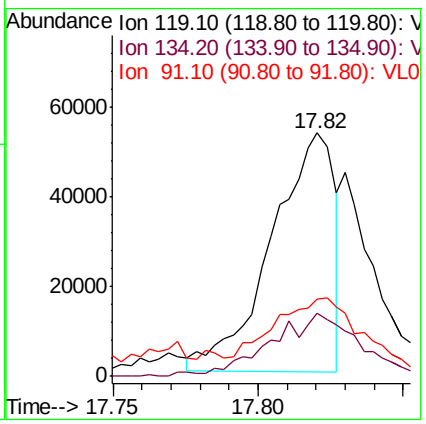


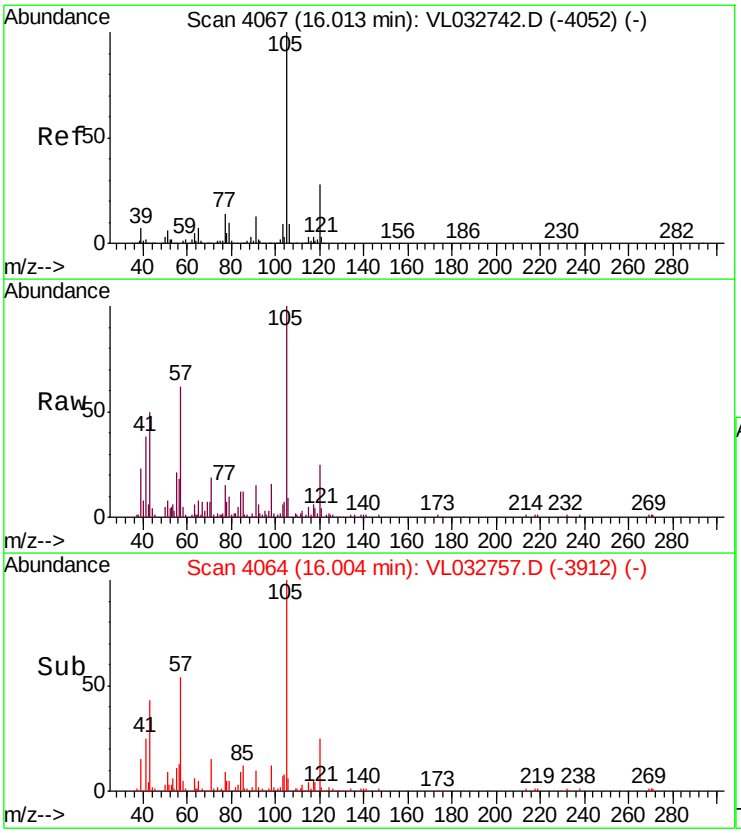
#69
p-Isopropyltoluene
Concen: 0.175 ppbv
RT: 17.82 min Scan# 4629
Delta R.T. -0.01 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Instrument :
MSVOA_L
ClientSampleId :
IASC2

Tgt Ion:119 Resp: 80405

Ion	Ratio	Lower	Upper
119	100		
134	37.3	20.2	30.4#
91	61.7	23.5	35.3#

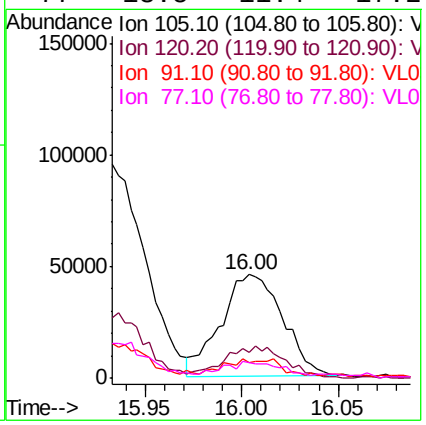


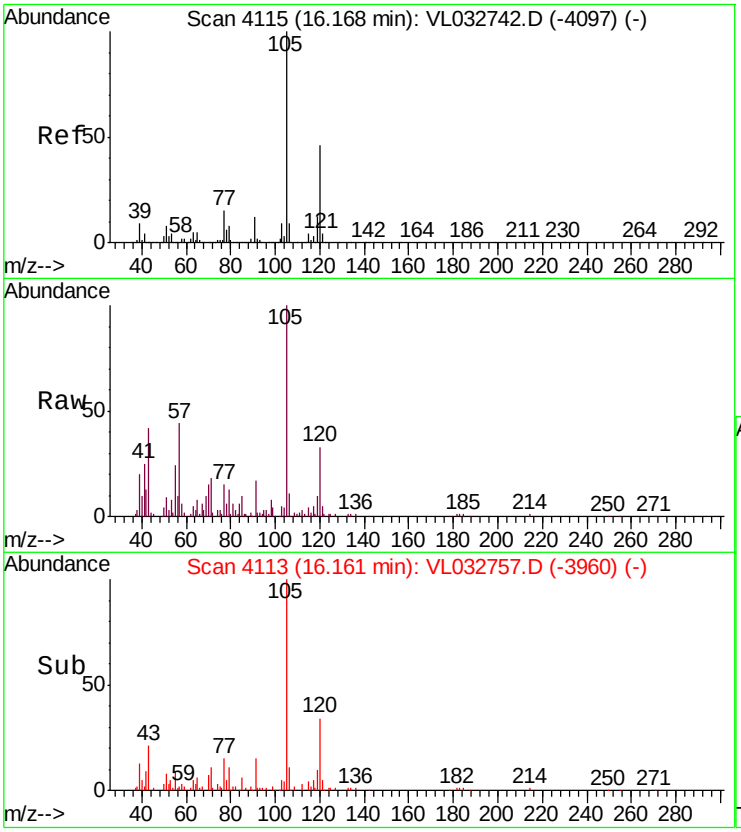


#72
4-Ethyltoluene
Concen: 0.279 ppbv
RT: 16.00 min Scan# 4064
Delta R.T. -0.01 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Tgt Ion:105 Resp: 100941

Ion	Ratio	Lower	Upper
105	100		
120	31.2	22.9	34.3
91	16.6	10.6	15.8#
77	13.5	11.4	17.2



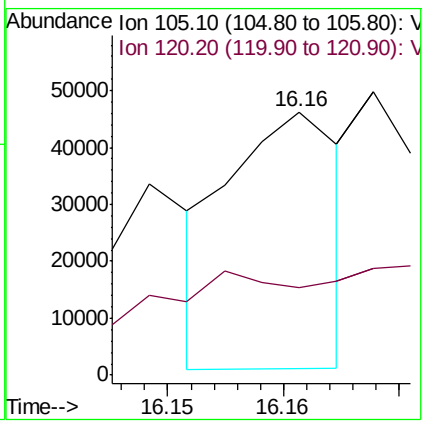


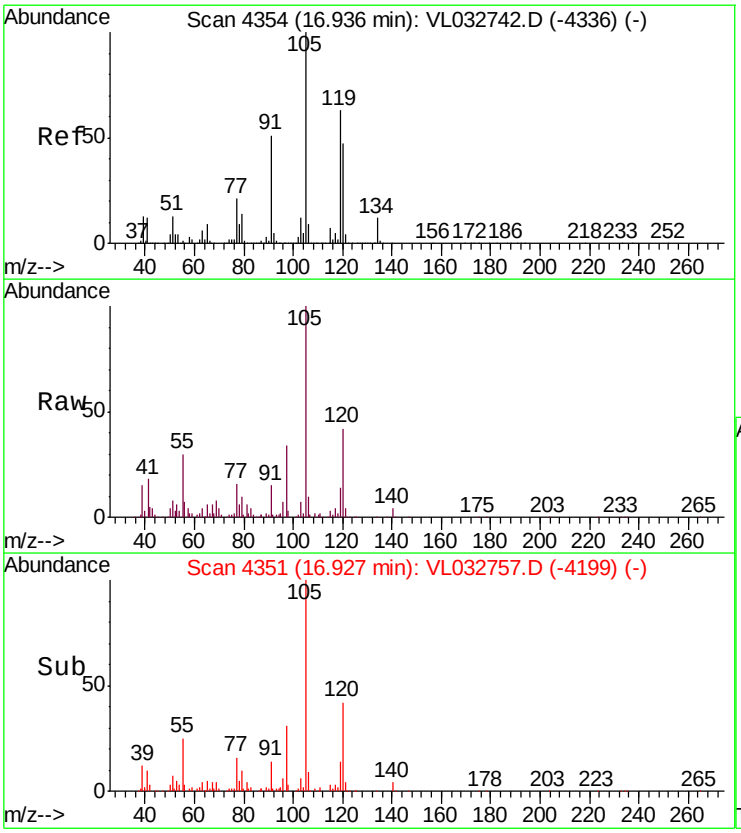
#73
1,3,5-Trimethylbenzene
Concen: 0.085 ppbv
RT: 16.16 min Scan# 4113
Delta R.T. -0.01 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Instrument :
MSVOA_L
ClientSampleId :
IASC2

Tgt Ion:105 Resp: 30275

Ion	Ratio	Lower	Upper
105	100		
120	15.3	36.6	55.0#

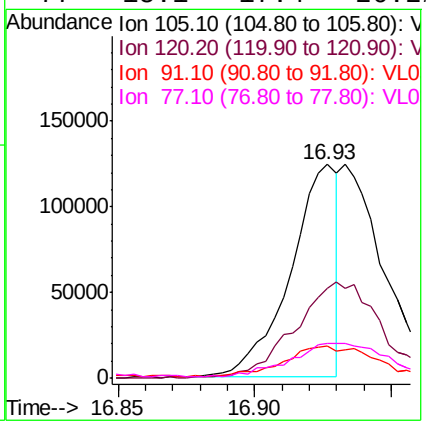


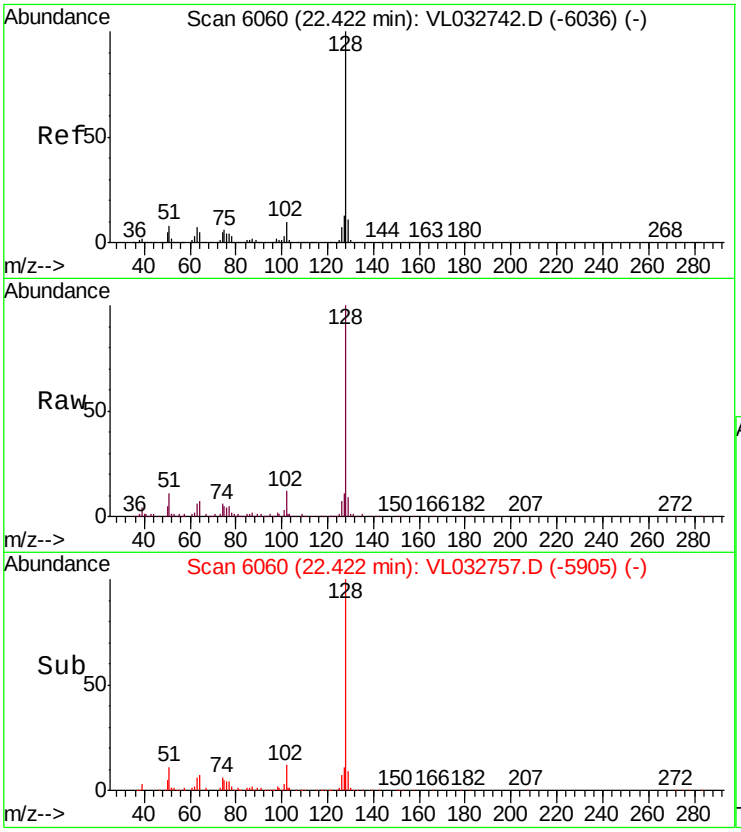


#74
1,2,4-Trimethylbenzene
Concen: 0.393 ppbv
RT: 16.93 min Scan# 4351
Delta R.T. -0.01 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Tgt Ion:105 Resp: 149116

Ion	Ratio	Lower	Upper
105	100		
120	42.4	37.6	56.4
91	15.7	42.5	63.7#
77	15.1	17.4	26.2#



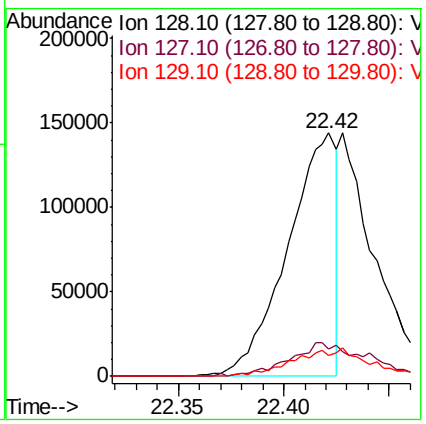


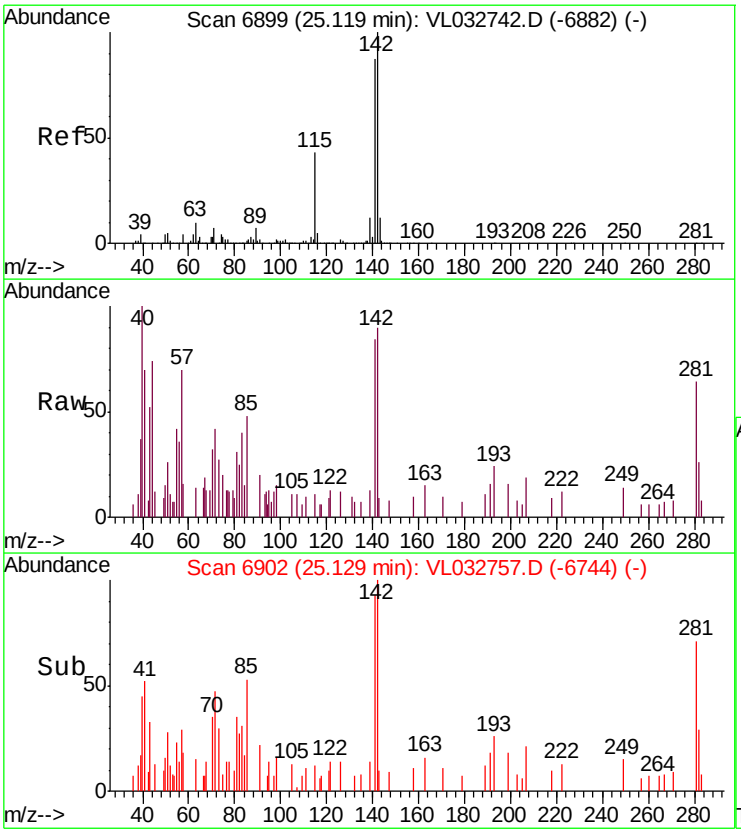
#79
Naphthalene
Concen: 0.932 ppbv
RT: 22.42 min Scan# 6060
Delta R.T. -0.00 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Instrument :
MSVOA_L
ClientSampleId :
IASC2

Tgt Ion:128 Resp: 232244

Ion	Ratio	Lower	Upper
128	100		
127	11.2	10.1	15.1
129	8.5	8.9	13.3#





#80
Naphthalene,2-methyl-
Concen: 0.093 ppbv
RT: 25.13 min Scan# 6902
Delta R.T. 0.01 min
Lab File: VL032757.D
Acq: 14 Nov 2018 13:44

Tgt Ion:142 Resp: 5782

Ion	Ratio	Lower	Upper
142	100		
141	88.0	68.7	103.1
115	62.4	35.5	53.3#