Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121718\
Data File : VL033008.D
Acq On : 17 Dec 2018 23:11
Operator : SY/AP
Sample : J6382-05
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Dec 18 01:17:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Dec 07 09:35:17 2018
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.77	49	1106861	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.30	114	2769376	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.25	117	2982107	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.59	95	2126195	9.65	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	96508	0.653	ppbv		100
3) Chlorodifluoromethane	2.99	51	306058	3.651	ppbv	#	60
4) Chloromethane	3.17	50	67165	1.376	ppbv		99
9) Propene	3.24	41	1485511	44.817	ppbv		92
10) Heptane	8.26	43	489276	3.930	ppbv		100
11) Trichlorofluoromethane	4.01	101	40986	0.294	ppbv		98
12) 1,1,2-Trichlorotrifluoroet	4.56	101	4263	0.036	ppbv	#	12
13) Ethanol	3.67	45	2860037	250.606	ppbv		96
15) Acetone	3.91	43	1058310	11.140	ppbv	#	56
16) 1,3-Butadiene	3.35	39	223455	5.928	ppbv	#	20
19) Isopropyl Alcohol	4.05	45	263960	4.424	ppbv	#	1
20) Methylene Chloride	4.42	84	62171	1.339	ppbv	#	95
21) Allyl Chloride	4.44	41	310799	4.014	ppbv	#	58
22) trans-1,2-Dichloroethene	4.97	96	151871	2.631	ppbv		95
23) Vinyl Acetate	5.15	43	1012388	6.294	ppbv	#	1
25) Ethyl Acetate	5.79	43	854915	3.809	ppbv	#	79
26) Hexane	5.79	57	1222686	11.800	ppbv	#	44
30) Cyclohexane	7.26	84	210548	2.452	ppbv		86
34) 2-Butanone	5.34	43	162574	1.348	ppbv		100
36) Benzene	7.01	78	1453147	7.134	ppbv		98
39) 1,2-Dichloropropane	7.30	63	647561	8.383	ppbv	#	21
41) Tetrahydrofuran	6.22	42	15390	0.205	ppbv	#	47
42) Bromodichloromethane	7.93	83	25042	0.130	ppbv	#	29
44) 2,2,4-Trimethylpentane	8.00	57	3230656	9.344	ppbv		96
50) 4-Methyl-2-Pentanone	8.89	43	31593	0.164	ppbv	#	39
51) 2-Hexanone	10.26	43	13491	0.103	ppbv	#	52
52) Tetrachloroethene	11.38	164	79445	1.072	ppbv		96
53) Toluene	9.96	91	7218000	33.412	ppbv		97
58) Ethyl Benzene	12.87	91	1574832	4.950	ppbv		100
59) m/p-Xylene	13.13	91	5119275	17.750	ppbv	#	100
60) o-Xylene	13.86	91	1612611	5.537	ppbv		100
61) Styrene	13.69	104	17365	0.090	ppbv	#	27
62) Isopropylbenzene	14.84	105	51316	0.126	ppbv		94
64) n-propylbenzene	15.73	120	73479	0.696	ppbv		92
65) tert-Butylbenzene	16.93	119	163039	0.433	ppbv	#	62
70) n-Butylbenzene	18.73	91	33473	0.081	ppbv	#	69
71) 2-Chlorotoluene	15.73	91	359288	1.189	ppbv	#	44
72) 4-Ethyltoluene	16.01	105	533664	1.641	ppbv		99
73) 1,3,5-Trimethylbenzene	16.16	105	334138	1.053	ppbv		98
74) 1,2,4-Trimethylbenzene	16.93	105	1494391	4.169	ppbv	#	69
79) Naphthalene	22.43	128	43187	0.187	ppbv	#	91

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121718\
Data File : VL033008.D
Acq On : 17 Dec 2018 23:11
Operator : SY/AP
Sample : J6382-05
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Dec 18 01:17:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Dec 07 09:35:17 2018
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Naphthalene,2-methyl-	25.12	142	4097	0.083	ppbv #	77

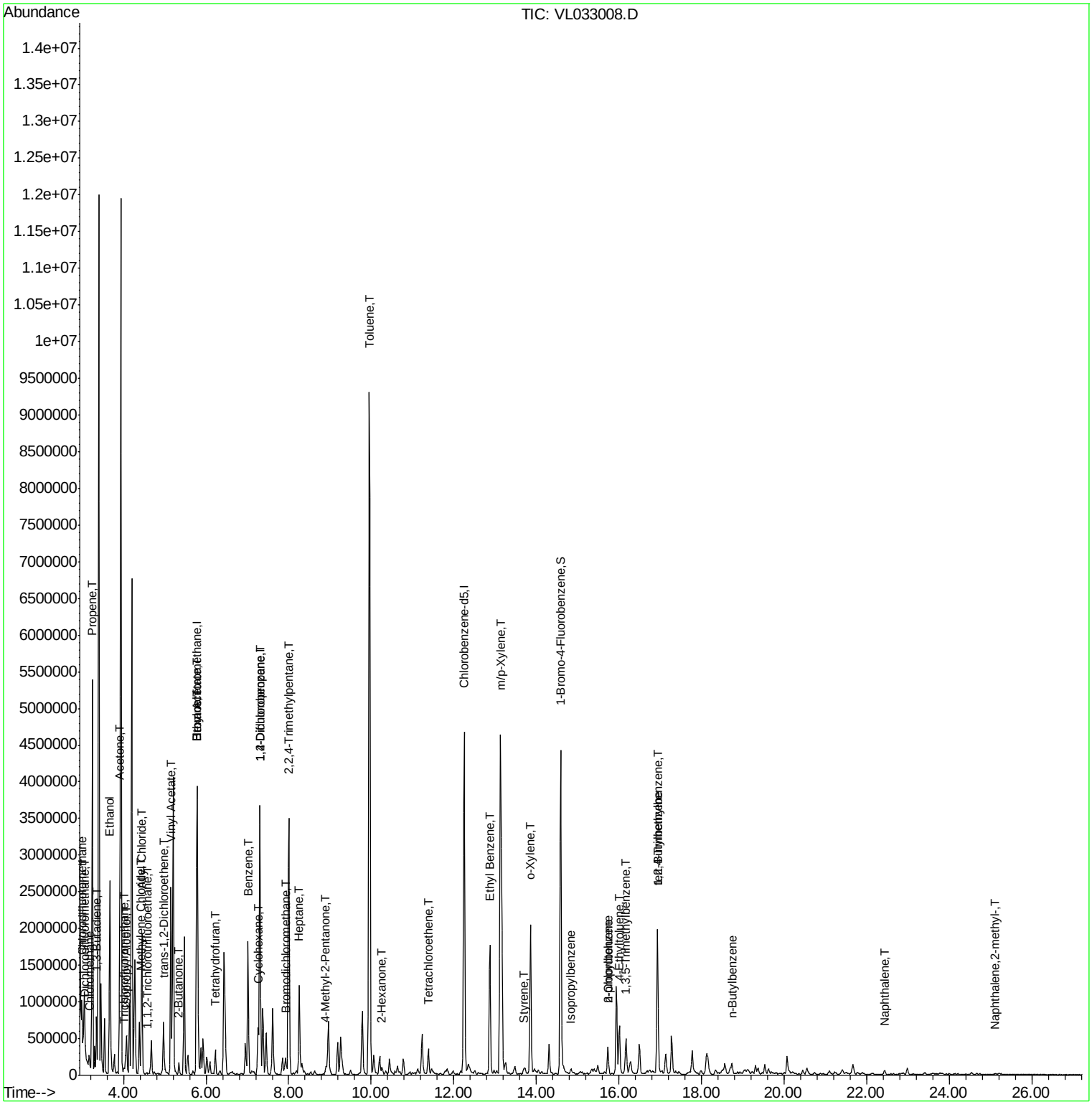
(#) = qualifier out of range (m) = manual integration (+) = signals summed

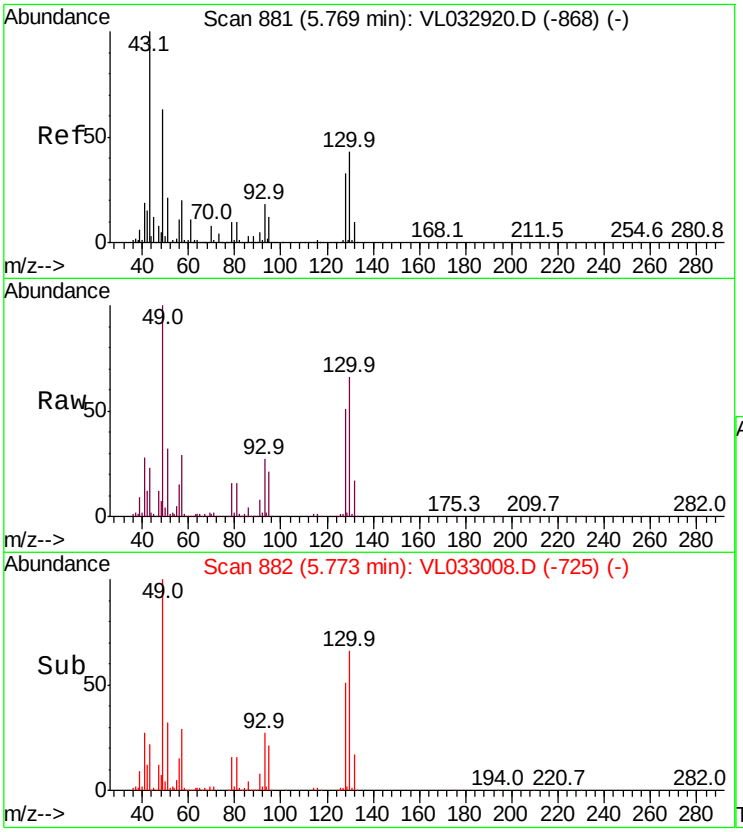
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121718\
Data File : VL033008.D
Acq On : 17 Dec 2018 23:11
Operator : SY/AP
Sample : J6382-05
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Dec 18 01:17:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Dec 07 09:35:17 2018
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration



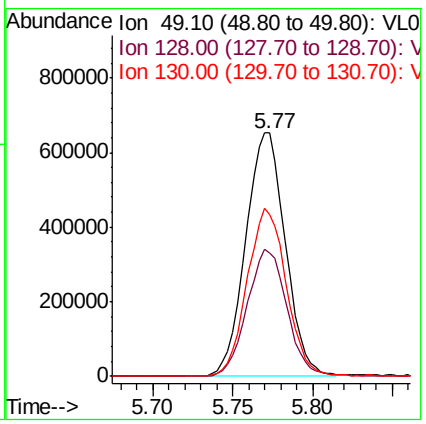


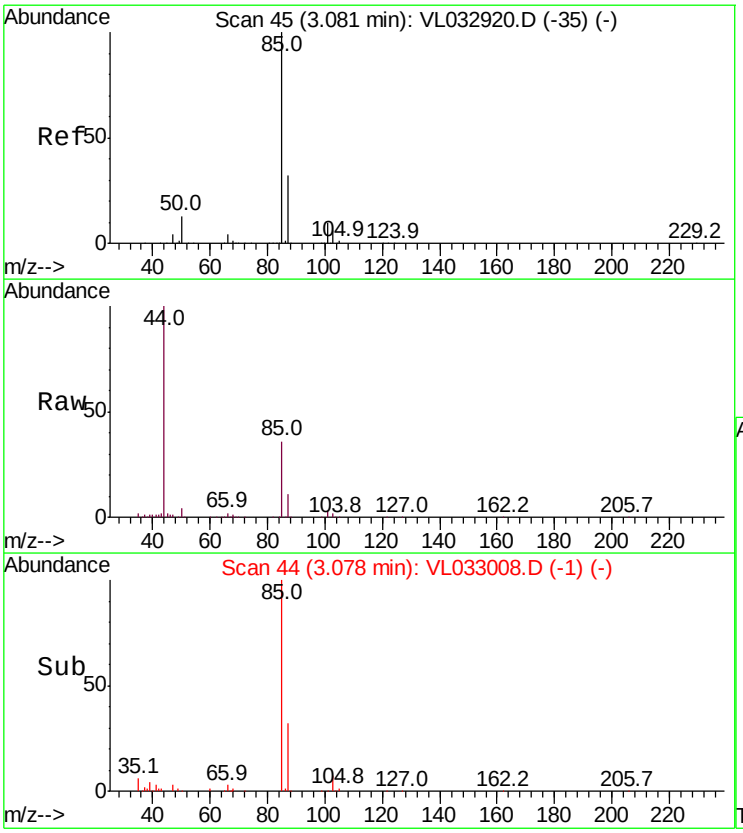
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 882
Delta R.T. 0.00 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1106861

Ion	Ratio	Lower	Upper
49	100		
128	52.6	26.3	78.8
130	68.8	33.9	101.7

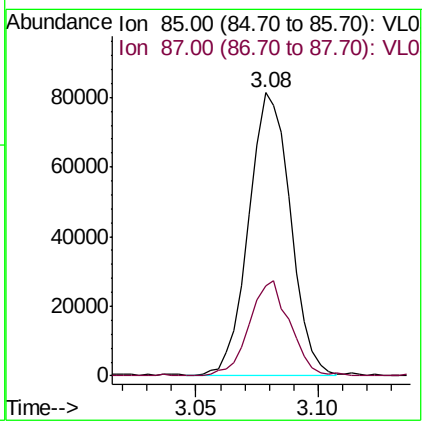


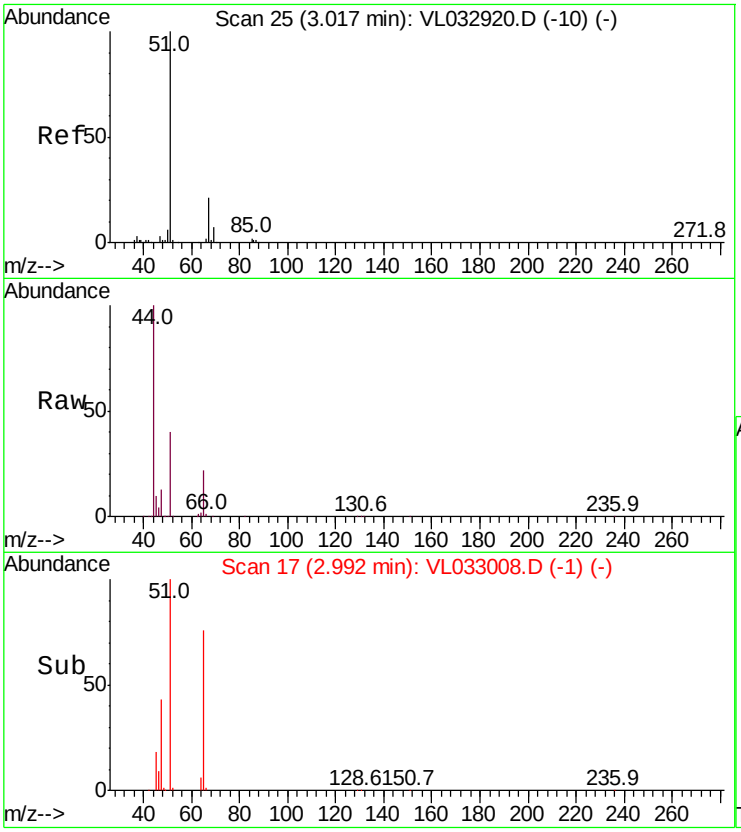


#2
Dichlorodifluoromethane
Concen: 0.653 ppbv
RT: 3.08 min Scan# 44
Delta R.T. -0.00 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Tgt Ion: 85 Resp: 96508

Ion	Ratio	Lower	Upper
85	100		
87	32.0	25.7	38.5



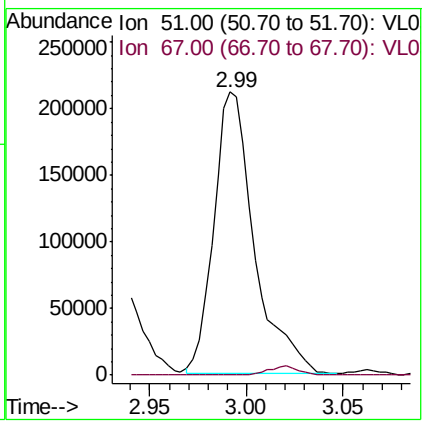


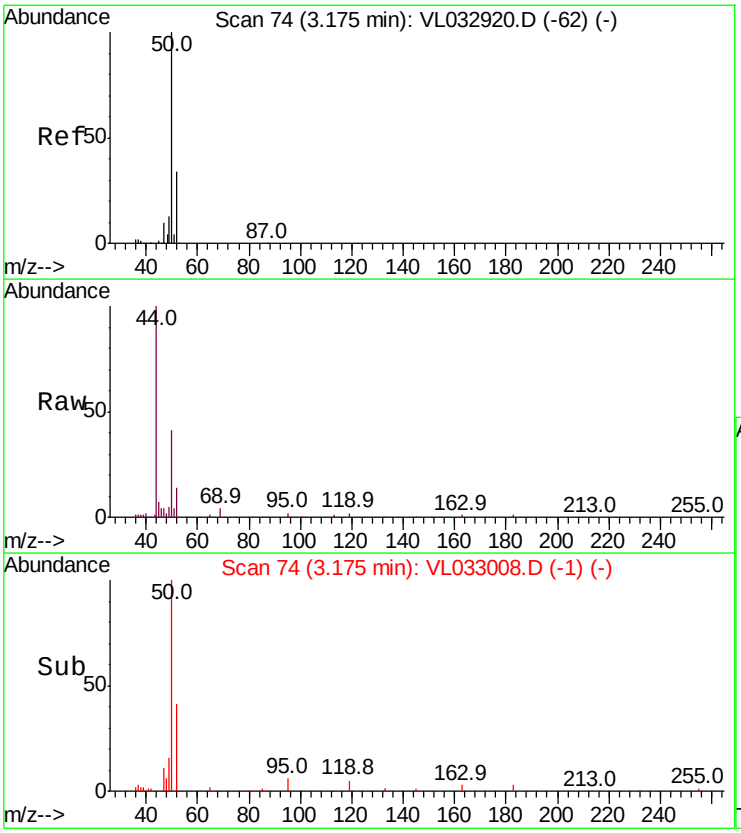
#3
Chlorodifluoromethane
Concen: 3.651 ppbv
RT: 2.99 min Scan# 17
Delta R.T. -0.03 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 306058

Ion	Ratio	Lower	Upper
51	100		
67	2.4	16.8	25.2#

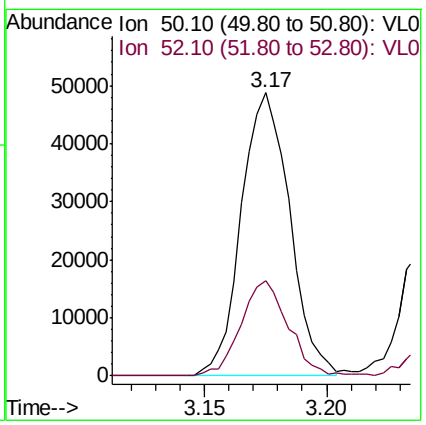


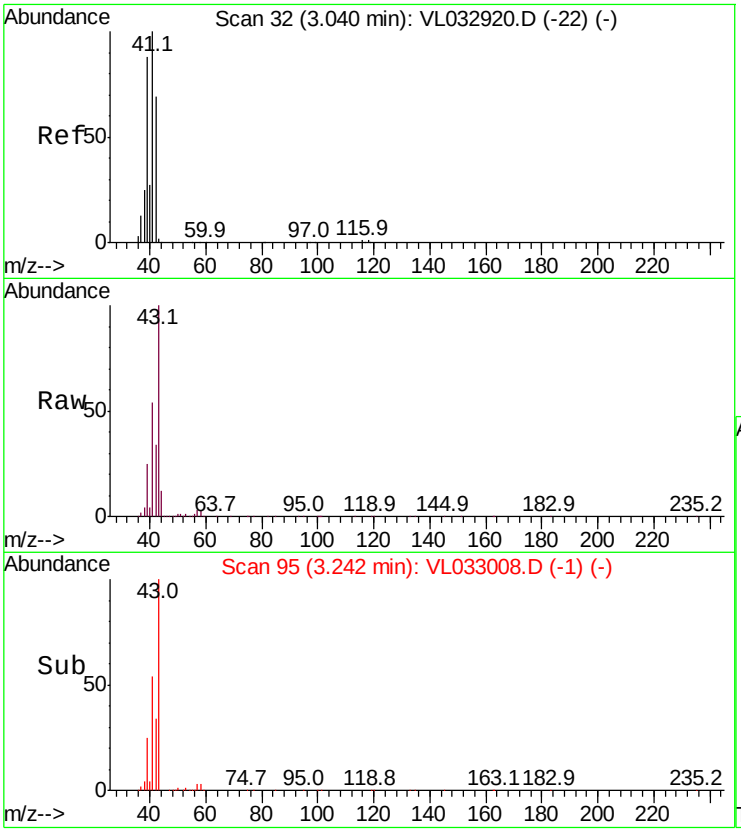


#4
Chloromethane
Concen: 1.376 ppbv
RT: 3.17 min Scan# 74
Delta R.T. 0.00 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Tgt Ion: 50 Resp: 67165

Ion	Ratio	Lower	Upper
50	100		
52	33.5	27.3	40.9



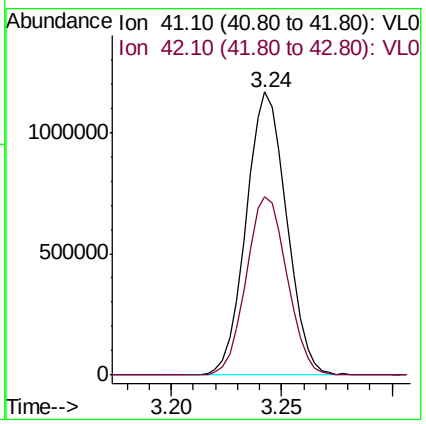


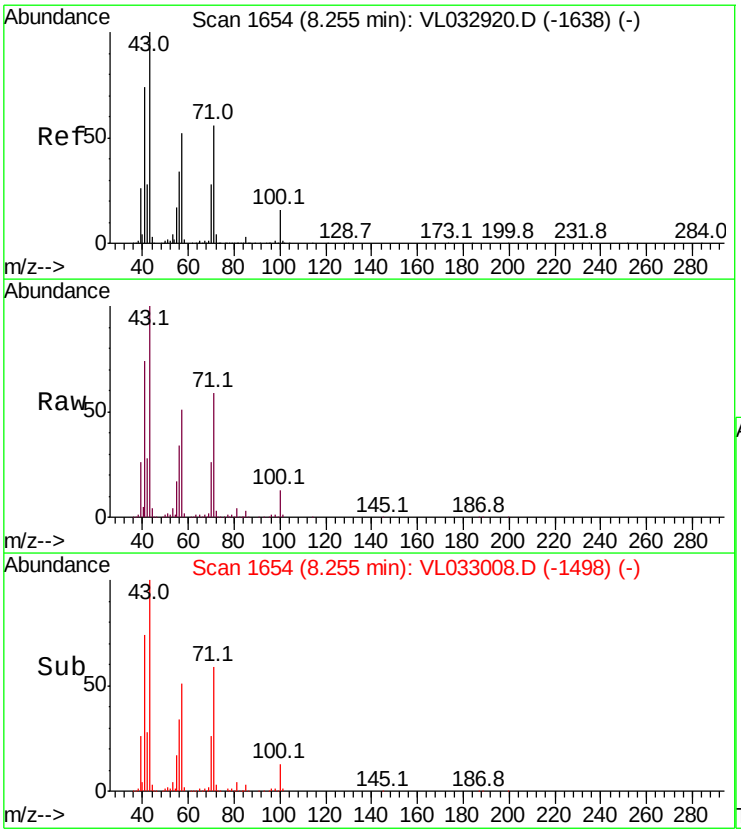
#9
Propene
Concen: 44.817 ppbv
RT: 3.24 min Scan# 95
Delta R.T. 0.20 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 1485511

Ion	Ratio	Lower	Upper
41	100		
42	64.0	56.2	84.2

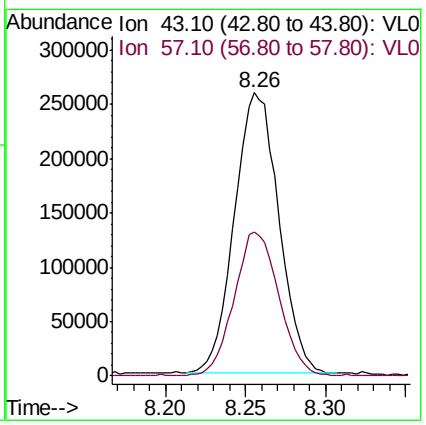


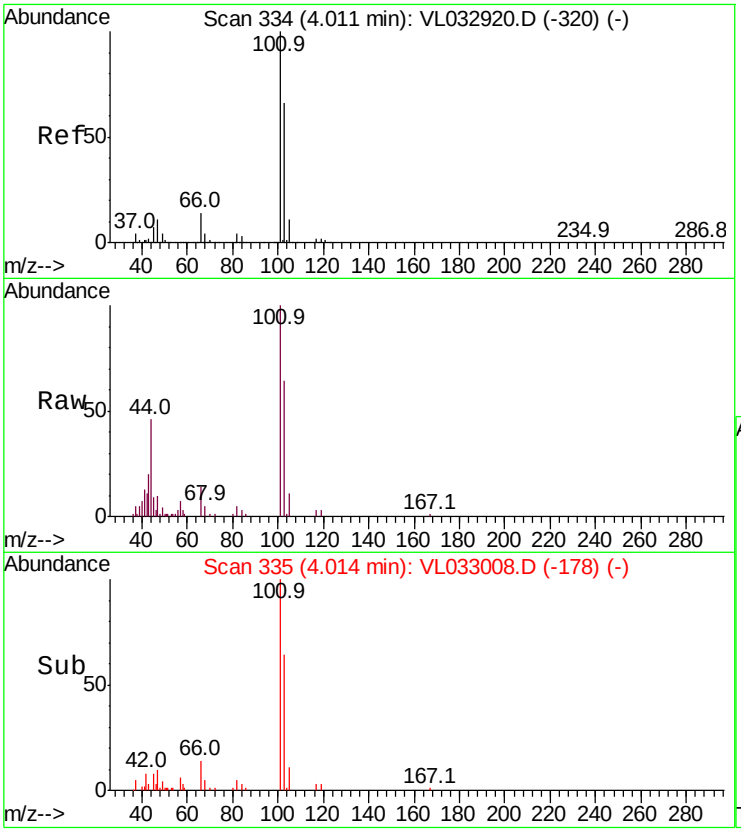


#10
Heptane
Concen: 3.930 ppbv
RT: 8.26 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Tgt Ion: 43 Resp: 489276

Ion	Ratio	Lower	Upper
43	100		
57	52.0	41.8	62.6



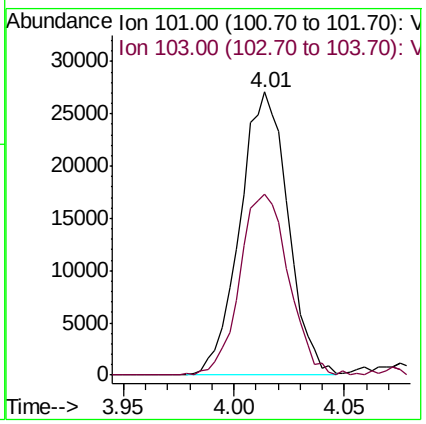


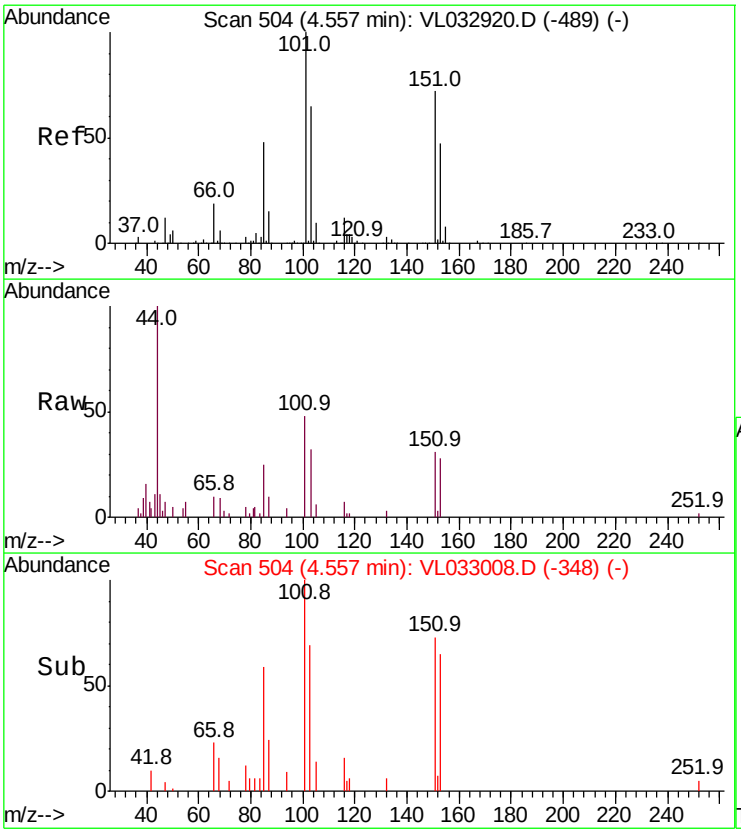
#11
Trichlorofluoromethane
Concen: 0.294 ppbv
RT: 4.01 min Scan# 335
Delta R.T. 0.00 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 40986

Ion	Ratio	Lower	Upper
101	100		
103	63.9	52.7	79.1

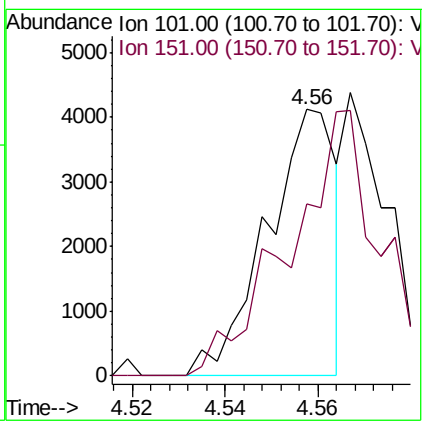


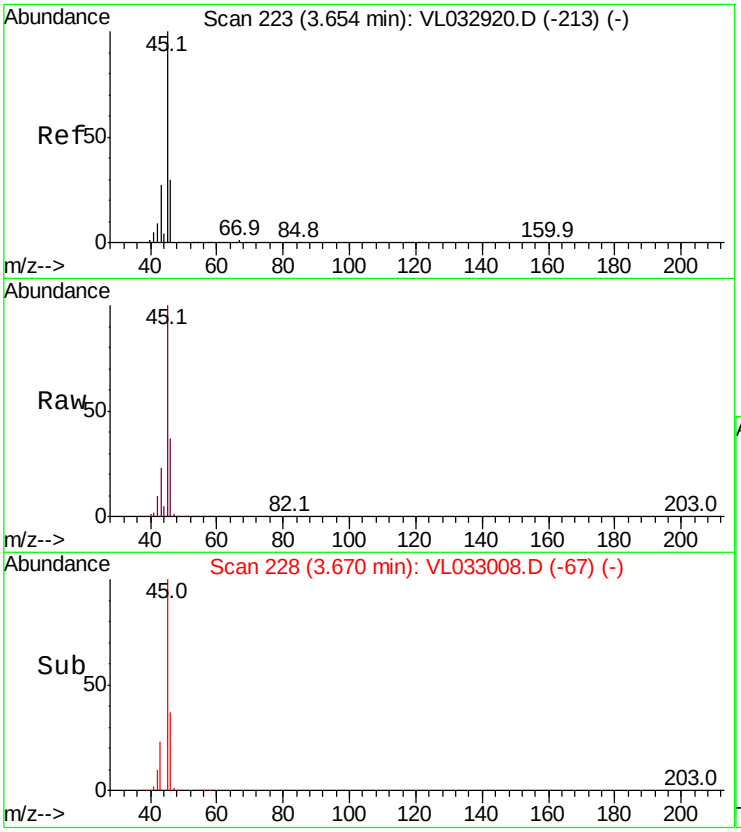


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.036 ppbv
RT: 4.56 min Scan# 504
Delta R.T. 0.00 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Tgt Ion:101 Resp: 4263

Ion	Ratio	Lower	Upper
101	100		
151	0.0	59.3	88.9#



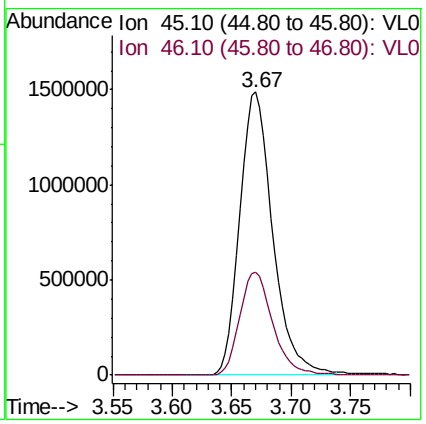


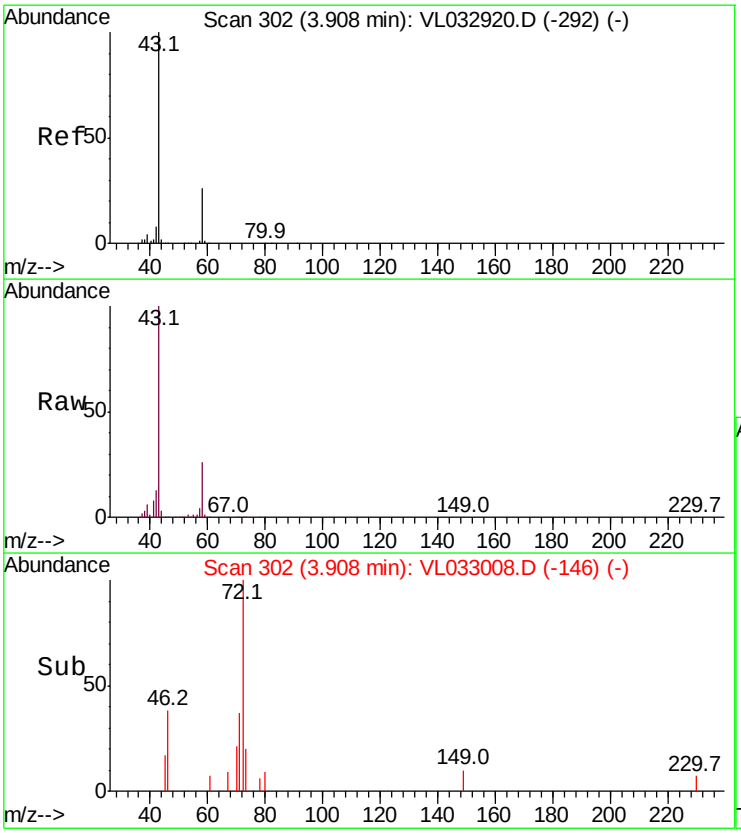
#13
Ethanol
Concen: 250.606 ppbv
RT: 3.67 min Scan# 228
Delta R.T. 0.02 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 2860037

Ion	Ratio	Lower	Upper
45	100		
46	36.9	13.8	55.4

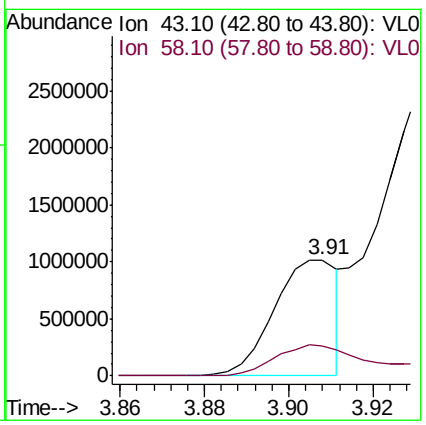


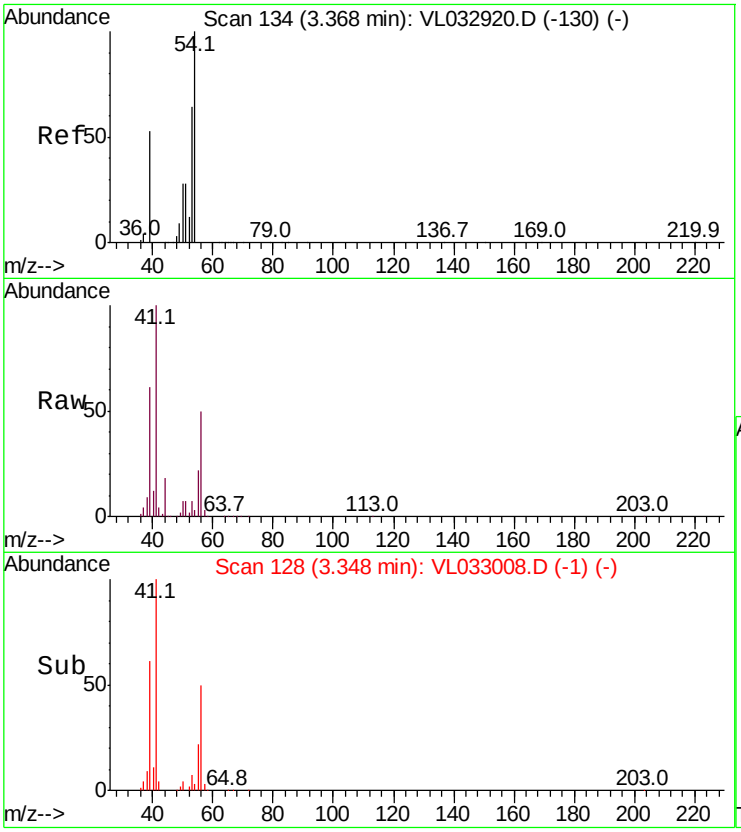


#15
Acetone
Concen: 11.140 ppbv
RT: 3.91 min Scan# 302
Delta R.T. 0.00 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Tgt Ion: 43 Resp: 1058310

Ion	Ratio	Lower	Upper
43	100		
58	48.0	20.6	30.8#



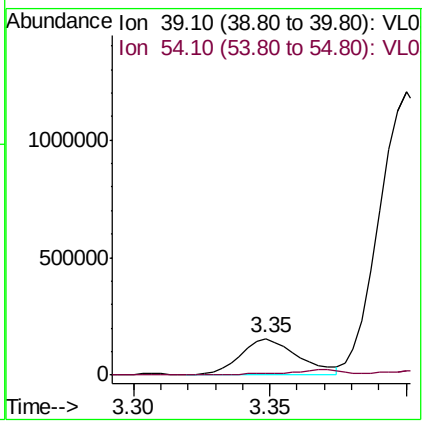


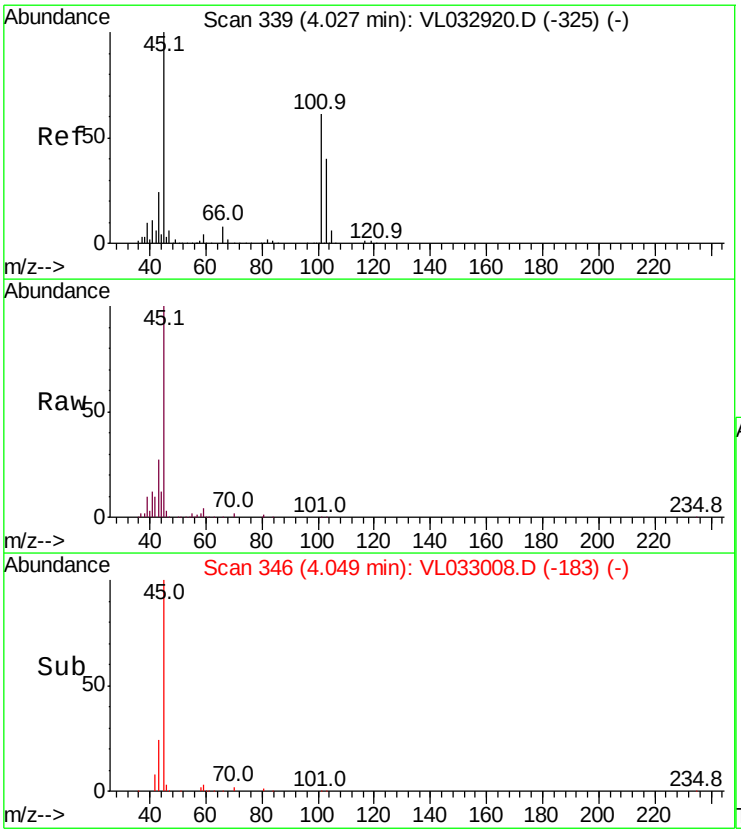
#16
1,3-Butadiene
Concen: 5.928 ppbv
RT: 3.35 min Scan# 128
Delta R.T. -0.02 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 39 Resp: 223455

Ion	Ratio	Lower	Upper
39	100		
54	15.5	72.7	109.1#

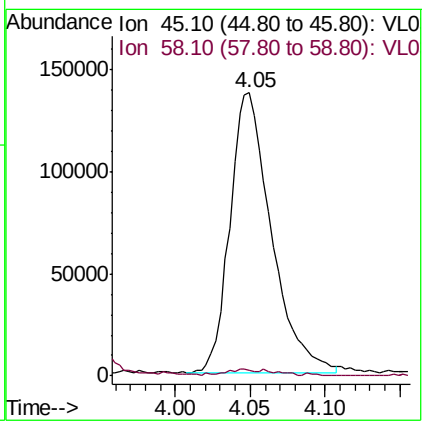


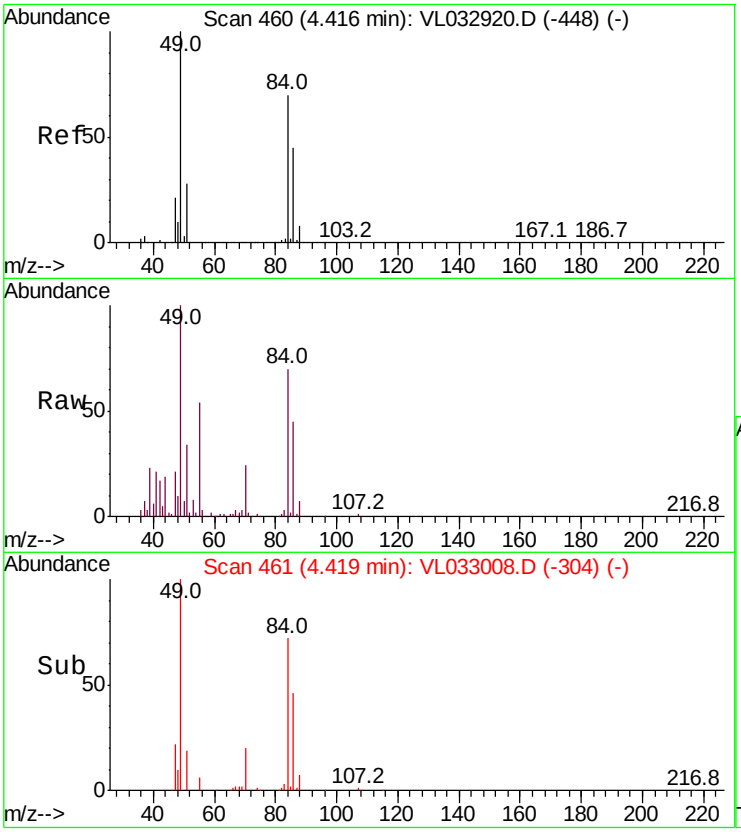


#19
Isopropyl Alcohol
Concen: 4.424 ppbv
RT: 4.05 min Scan# 346
Delta R.T. 0.02 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Tgt Ion: 45 Resp: 263960

Ion	Ratio	Lower	Upper
45	100		
58	192.5	1.4	2.2#



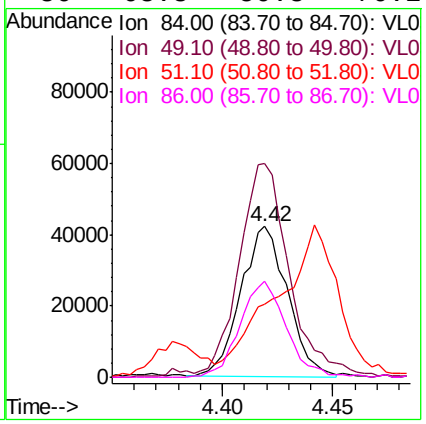


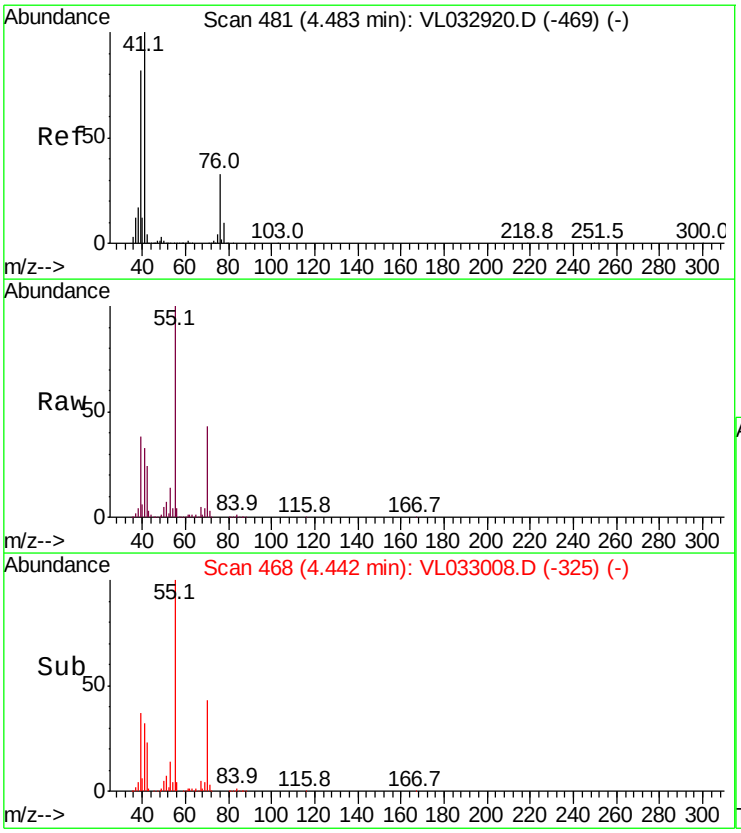
#20
Methylene Chloride
Concen: 1.339 ppbv
RT: 4.42 min Scan# 461
Delta R.T. 0.00 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 62171

Ion	Ratio	Lower	Upper
84	100		
49	138.7	113.8	170.8
51	27.8	31.8	47.8#
86	63.8	50.8	76.2

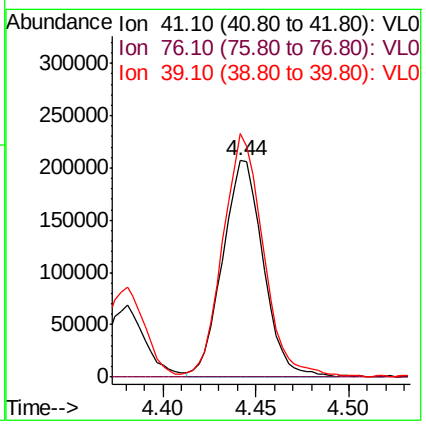


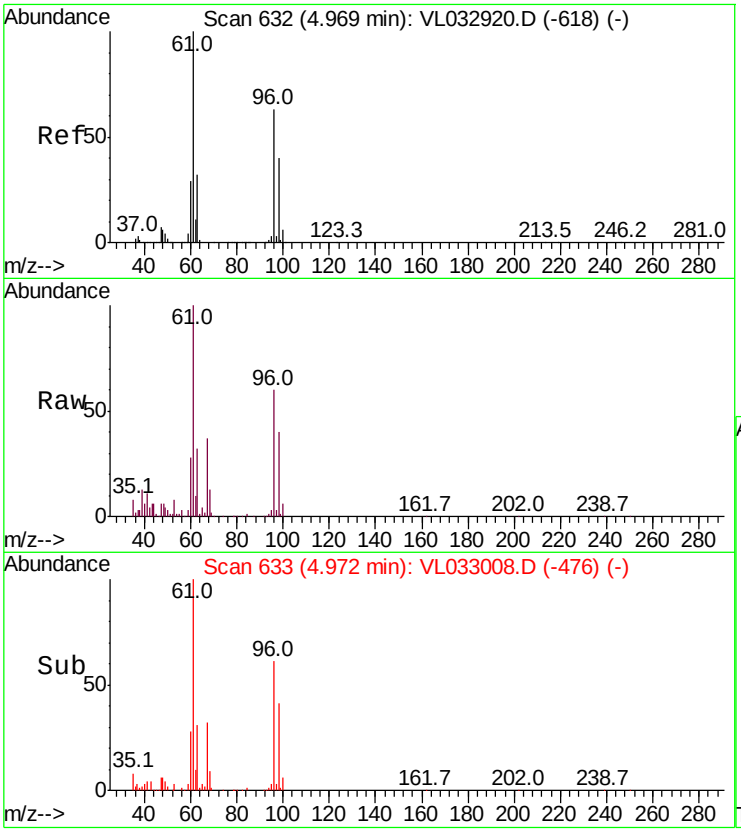


#21
Allyl Chloride
Concen: 4.014 ppbv
RT: 4.44 min Scan# 468
Delta R.T. -0.04 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Tgt Ion: 41 Resp: 310799

Ion	Ratio	Lower	Upper
41	100		
76	0.0	25.2	37.8#
39	114.4	65.2	97.8#



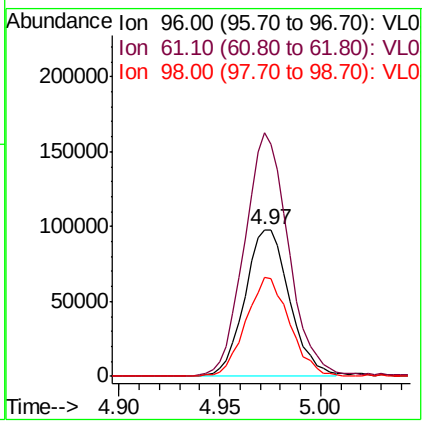


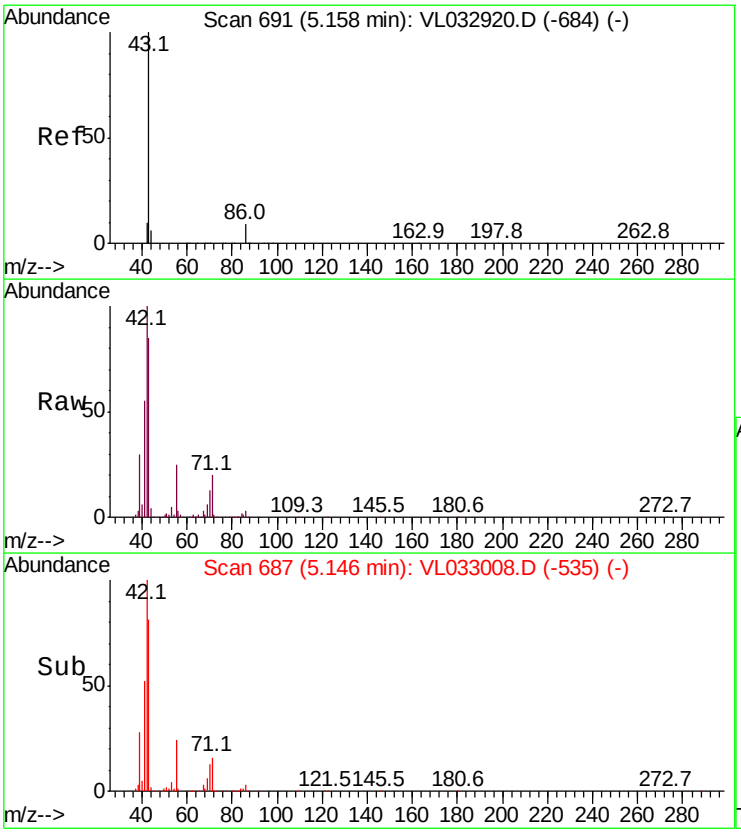
#22
trans-1,2-Dichloroethene
Concen: 2.631 ppbv
RT: 4.97 min Scan# 633
Delta R.T. 0.00 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 96 Resp: 151871

Ion	Ratio	Lower	Upper
96	100		
61	165.5	127.1	190.7
98	67.1	51.3	76.9

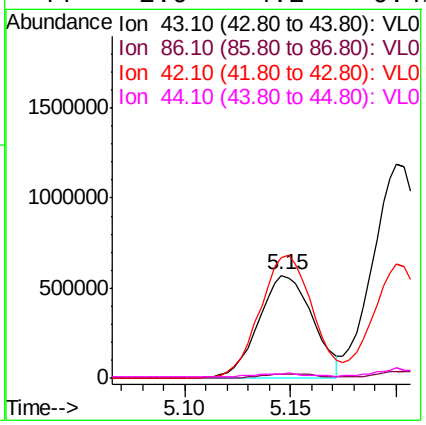


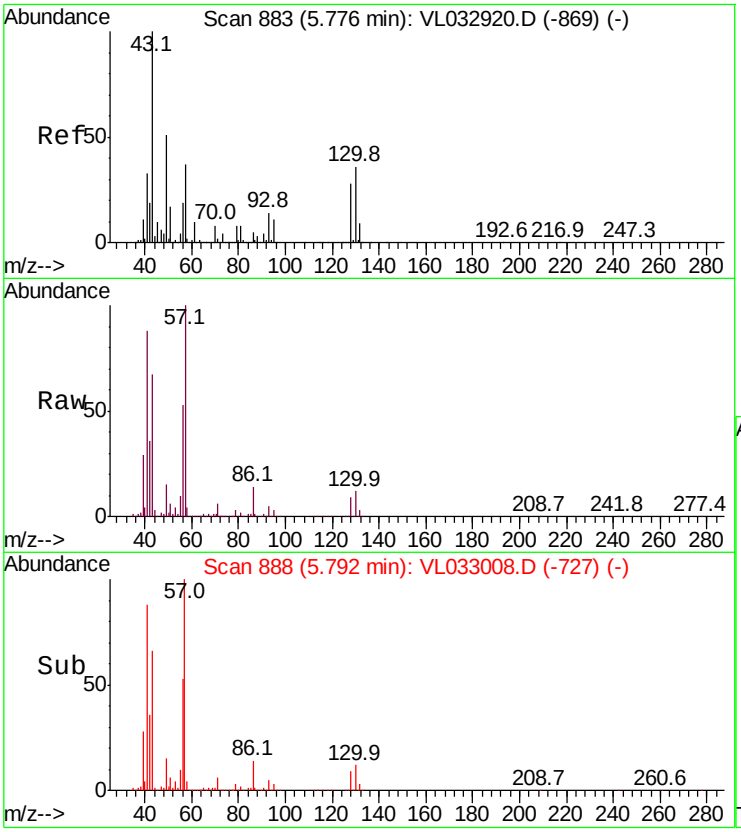


#23
Vinyl Acetate
Concen: 6.294 ppbv
RT: 5.15 min Scan# 687
Delta R.T. -0.01 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Tgt Ion: 43 Resp: 1012388

Ion	Ratio	Lower	Upper
43	100		
86	3.6	6.6	9.8#
42	117.4	8.3	12.5#
44	2.9	4.2	6.4#



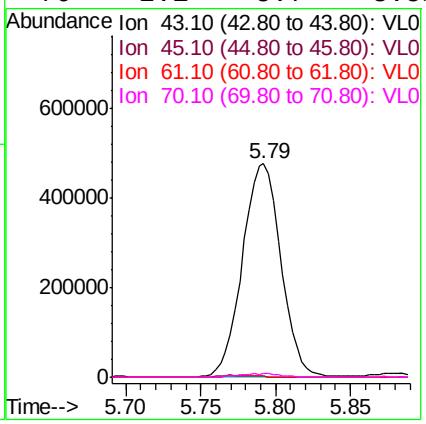


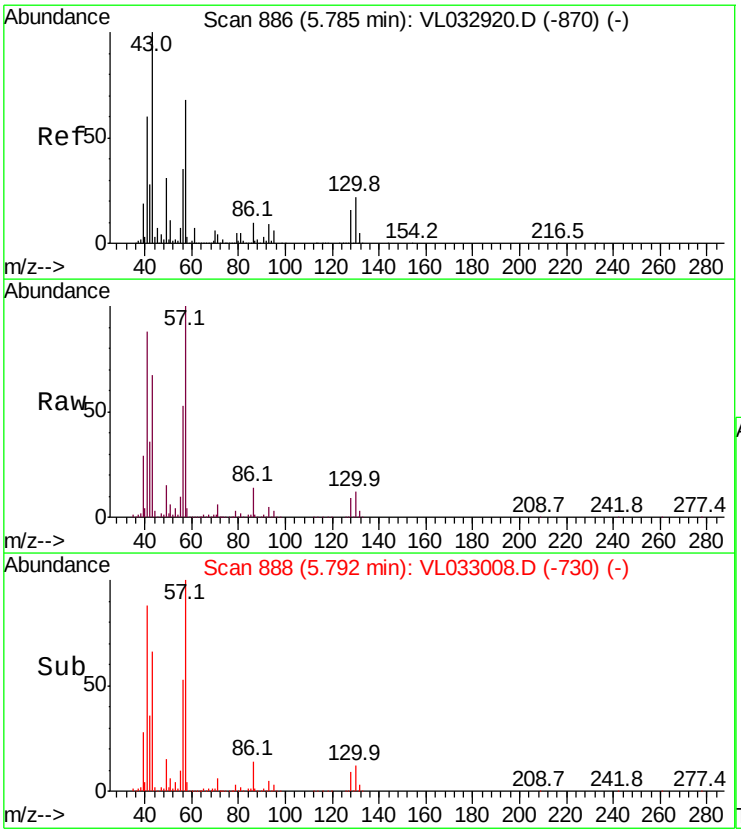
#25
Ethyl Acetate
Concen: 3.809 ppbv
RT: 5.79 min Scan# 888
Delta R.T. 0.02 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 854915

Ion	Ratio	Lower	Upper
43	100		
45	1.1	7.8	11.6#
61	0.7	7.4	11.2#
70	2.1	5.7	8.5#

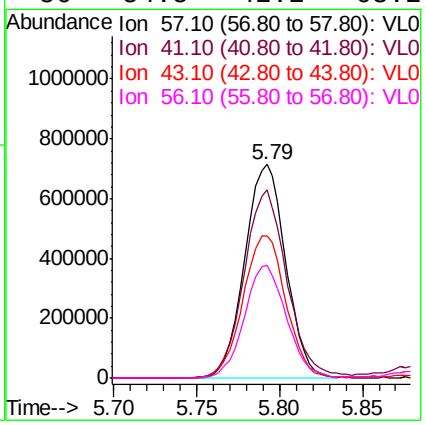


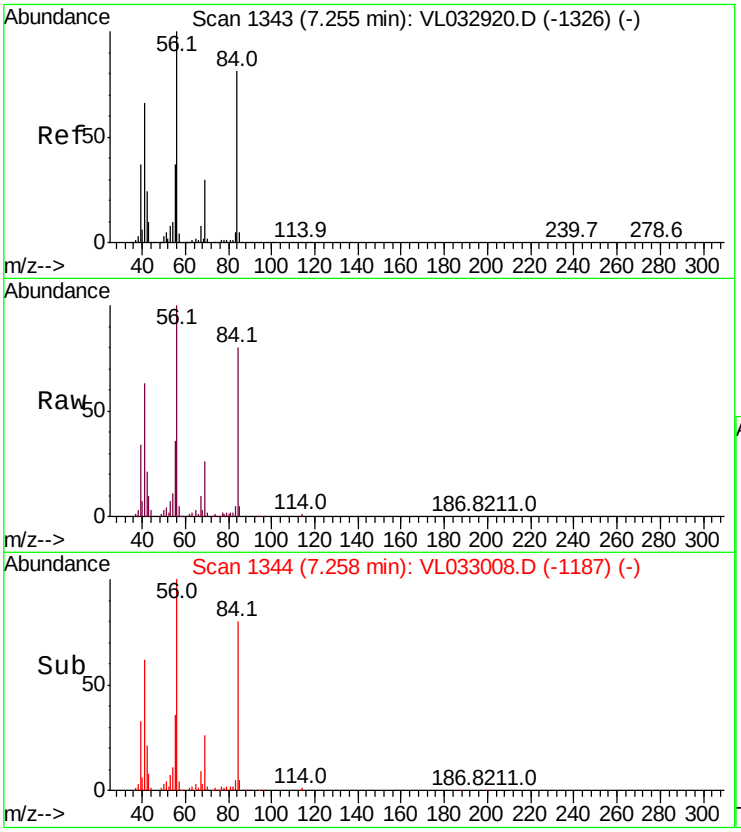


#26
Hexane
Concen: 11.800 ppbv
RT: 5.79 min Scan# 888
Delta R.T. 0.01 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Tgt Ion: 57 Resp: 1222686

Ion	Ratio	Lower	Upper
57	100		
41	92.6	72.2	108.2
43	69.8	171.9	257.9#
56	54.5	42.2	63.2



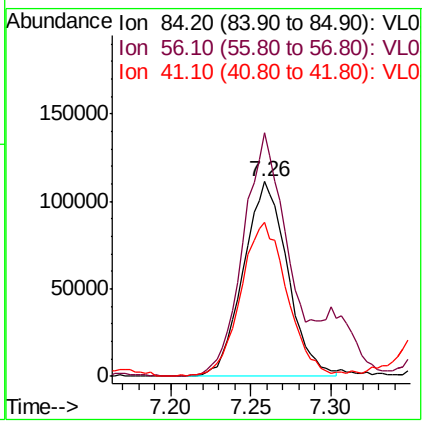


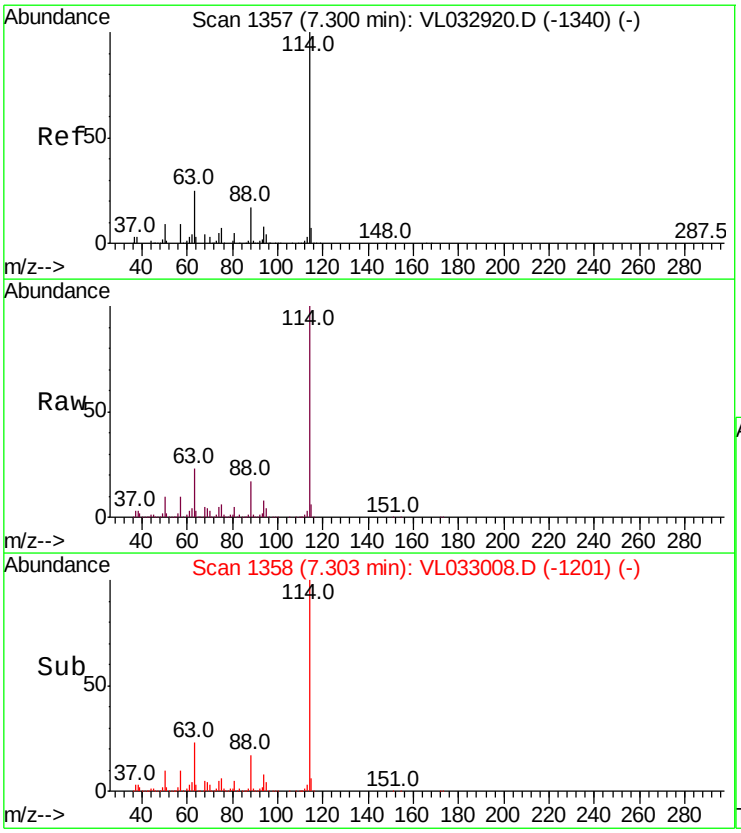
#30
Cyclohexane
Concen: 2.452 ppbv
RT: 7.26 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 210548

Ion	Ratio	Lower	Upper
84	100		
56	152.7	102.5	153.7
41	82.9	64.1	96.1

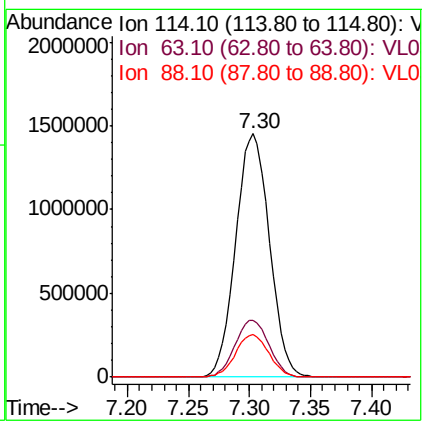


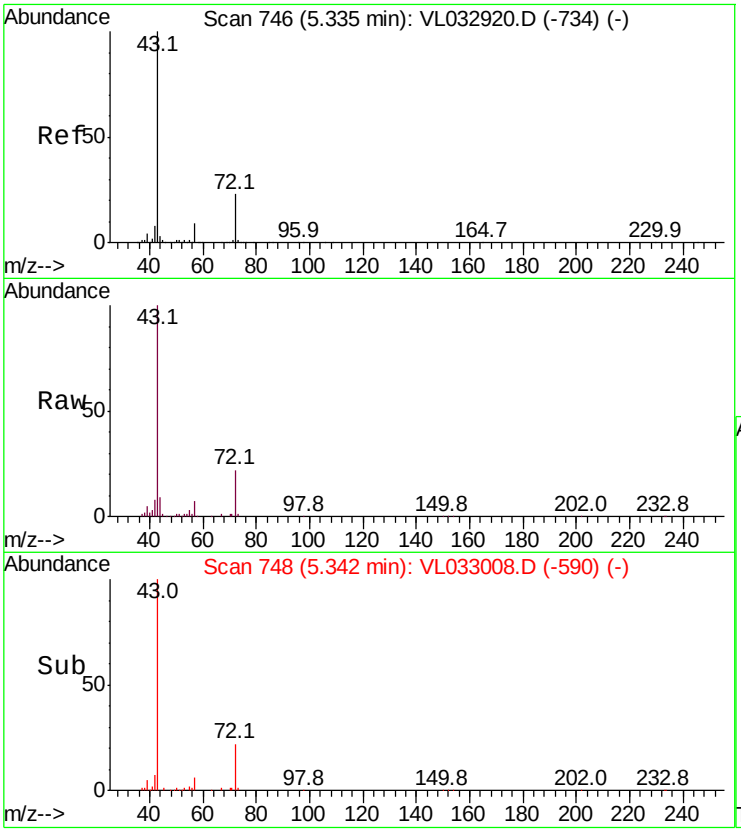


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1358
Delta R.T. 0.00 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Tgt Ion:114 Resp: 2769376

Ion	Ratio	Lower	Upper
114	100		
63	23.9	20.1	30.1
88	17.3	14.2	21.4



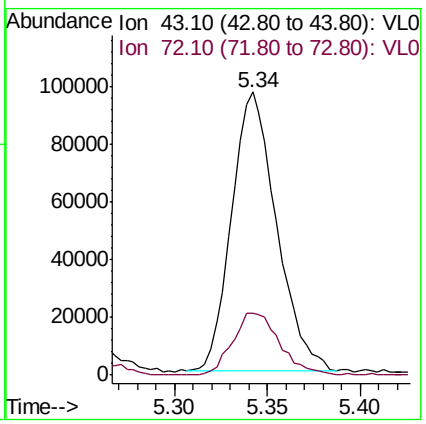


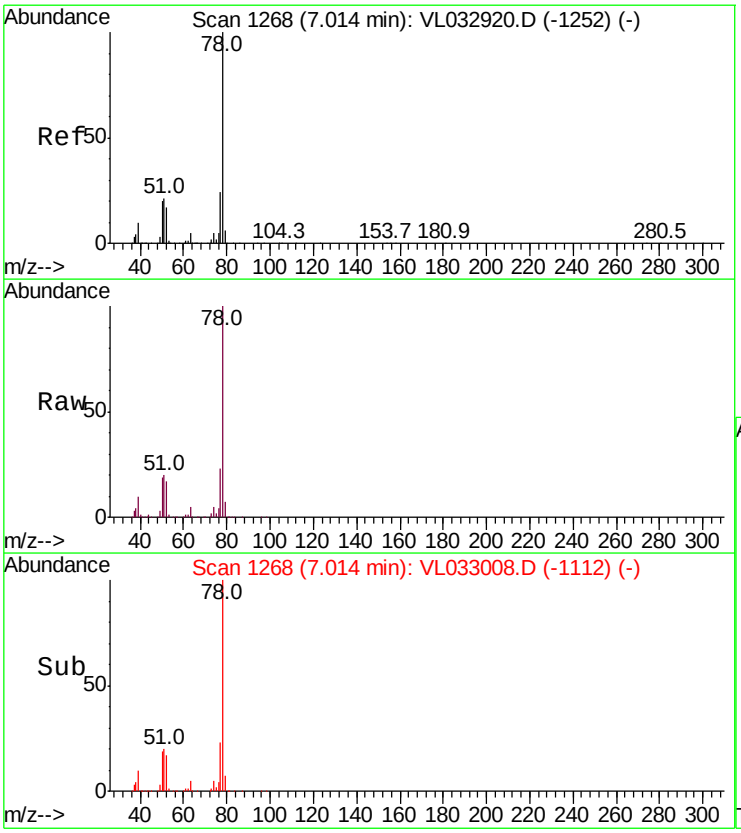
#34
2-Butanone
Concen: 1.348 ppbv
RT: 5.34 min Scan# 748
Delta R.T. 0.01 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 162574

Ion	Ratio	Lower	Upper
43	100		
72	23.4	18.8	28.2

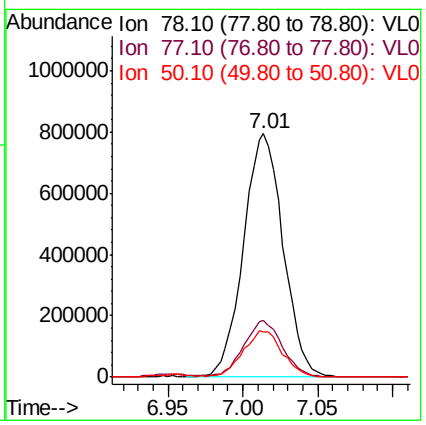


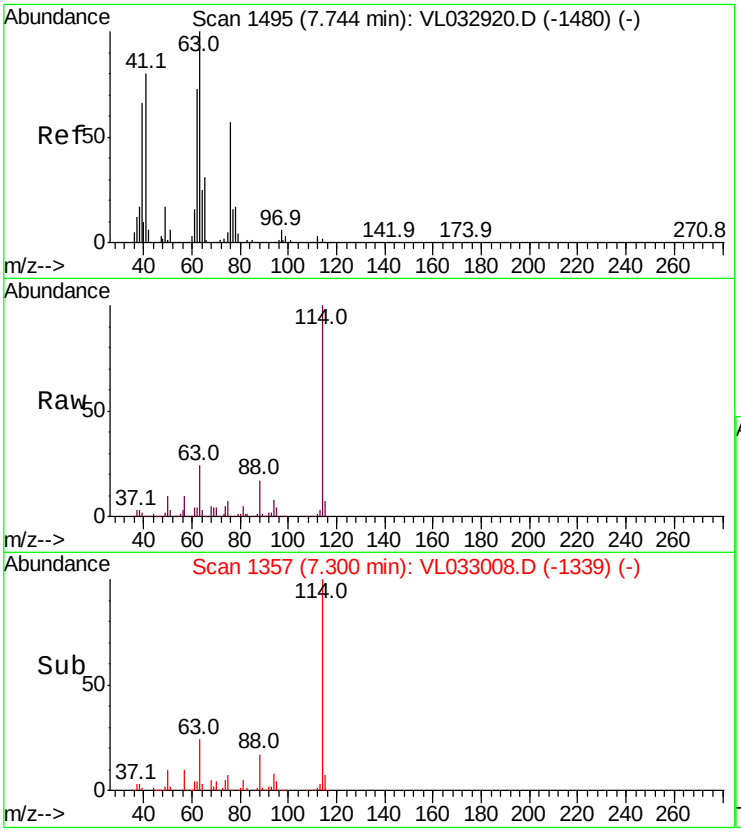


#36
Benzene
Concen: 7.134 ppbv
RT: 7.01 min Scan# 1268
Delta R.T. 0.00 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Tgt Ion: 78 Resp: 1453147

Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.9	28.3
50	18.7	16.1	24.1



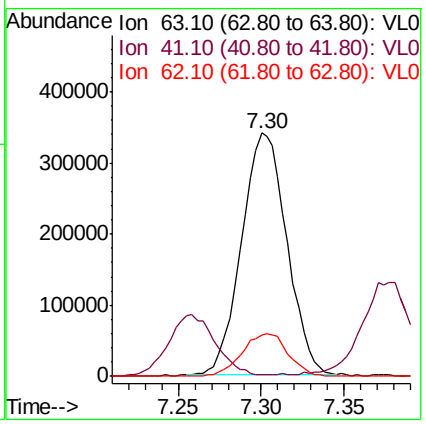


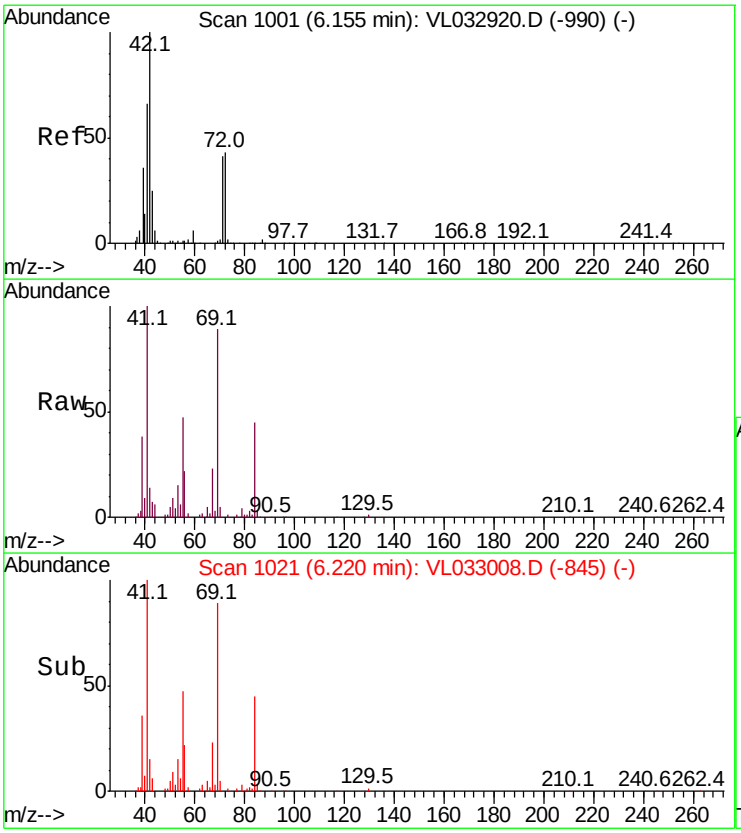
#39
1,2-Dichloropropane
Concen: 8.383 ppbv
RT: 7.30 min Scan# 1357
Delta R.T. -0.44 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 647561

Ion	Ratio	Lower	Upper
63	100		
41	0.0	63.9	95.9#
62	17.1	58.8	88.2#

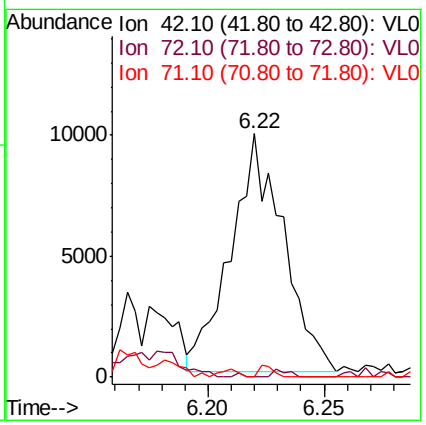


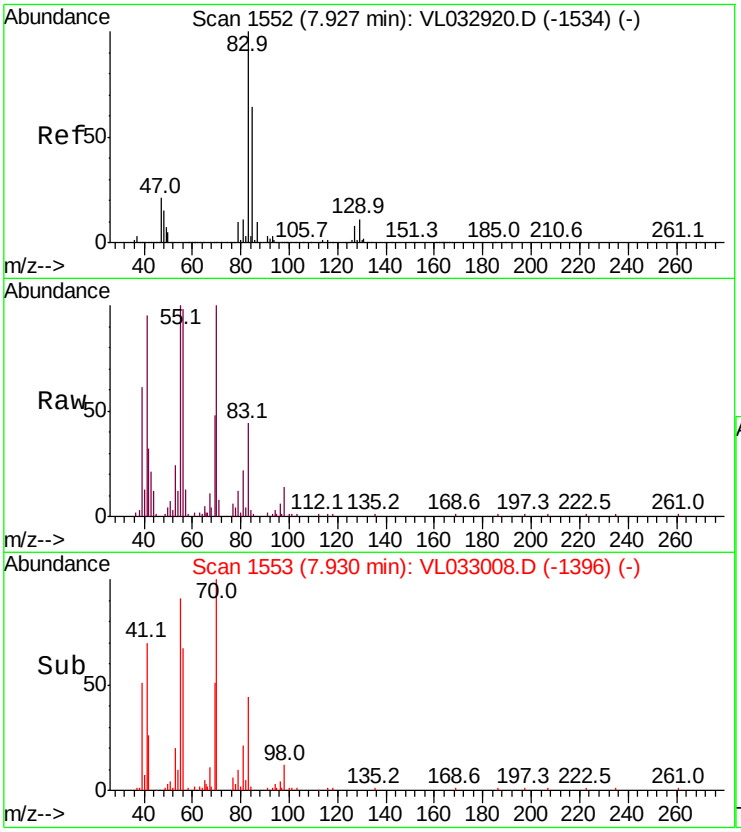


#41
Tetrahydrofuran
Concen: 0.205 ppbv
RT: 6.22 min Scan# 1021
Delta R.T. 0.06 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Tgt Ion: 42 Resp: 15390

Ion	Ratio	Lower	Upper
42	100		
72	14.8	32.9	49.3#
71	0.0	32.0	48.0#



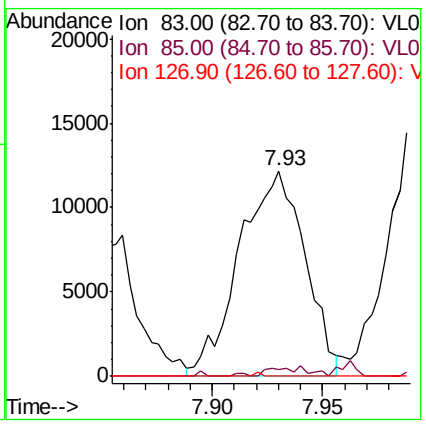


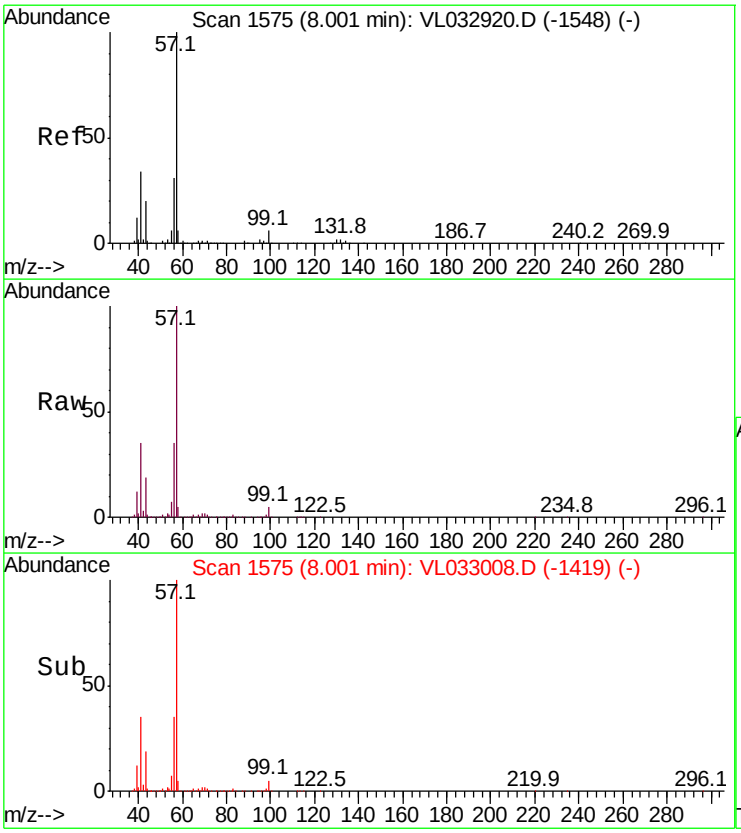
#42
Bromodichloromethane
Concen: 0.130 ppbv
RT: 7.93 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 25042

Ion	Ratio	Lower	Upper
83	100		
85	3.5	50.9	76.3#
127	0.0	6.7	10.1#

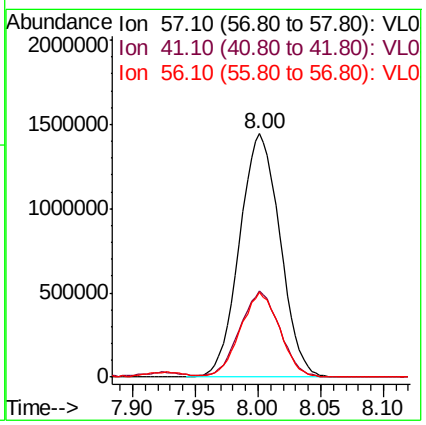


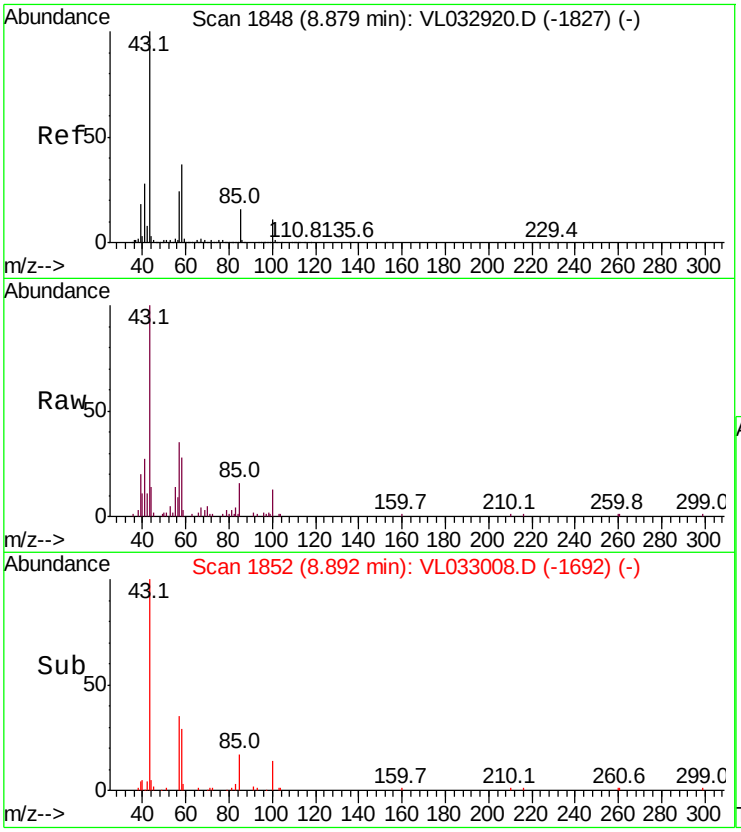


#44
2,2,4-Trimethylpentane
Concen: 9.344 ppbv
RT: 8.00 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Tgt Ion: 57 Resp: 3230656

Ion	Ratio	Lower	Upper
57	100		
41	35.2	27.0	40.4
56	34.1	24.6	37.0



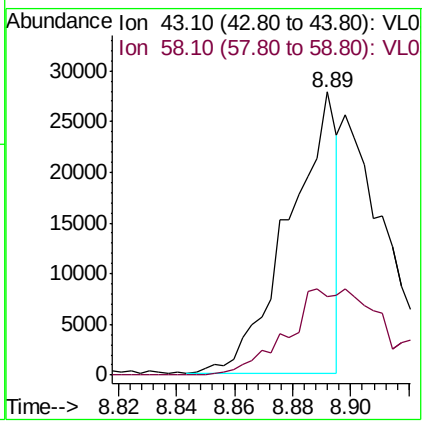


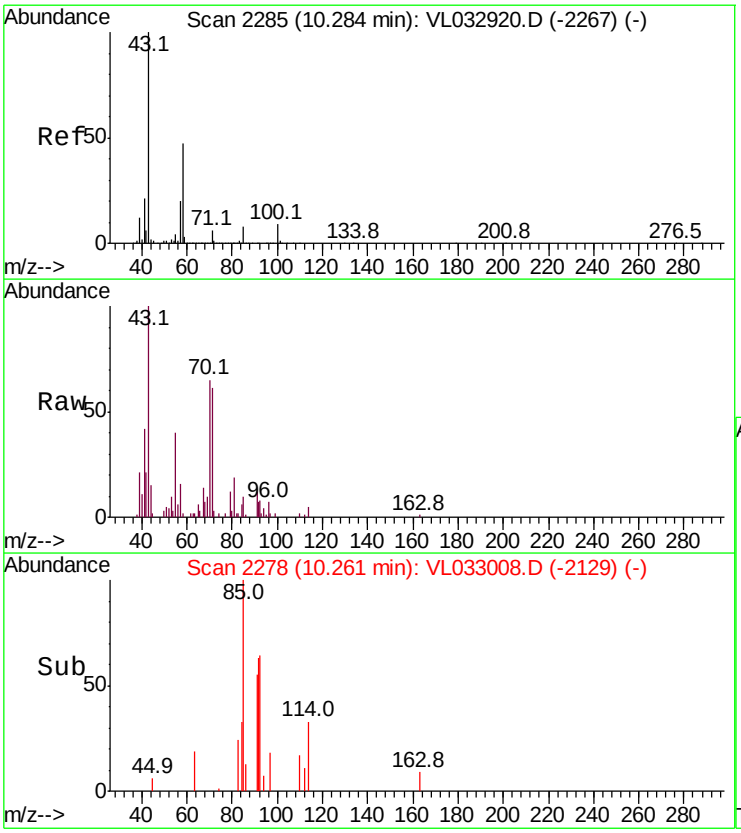
#50
4-Methyl-2-Pentanone
Concen: 0.164 ppbv
RT: 8.89 min Scan# 1852
Delta R.T. 0.01 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 31593

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.0	43.4#

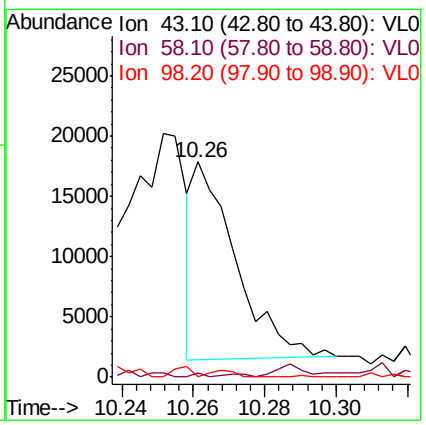


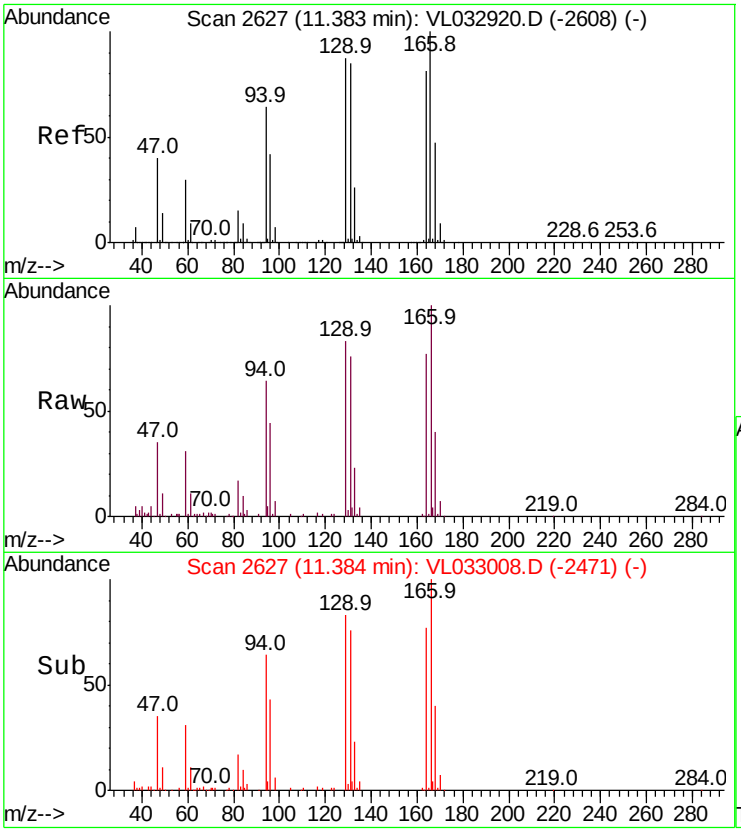


#51
2-Hexanone
Concen: 0.103 ppbv
RT: 10.26 min Scan# 2278
Delta R.T. -0.02 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Tgt Ion: 43 Resp: 13491

Ion	Ratio	Lower	Upper
43	100		
58	15.1	38.1	57.1#
98	2.1	0.4	0.6#



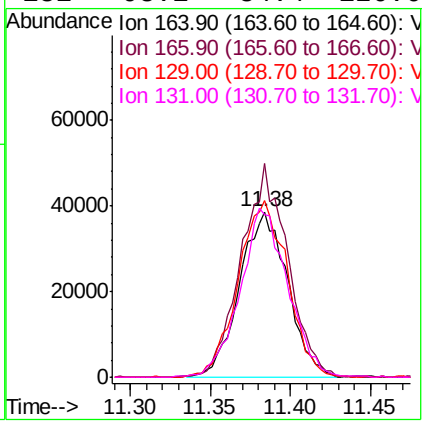


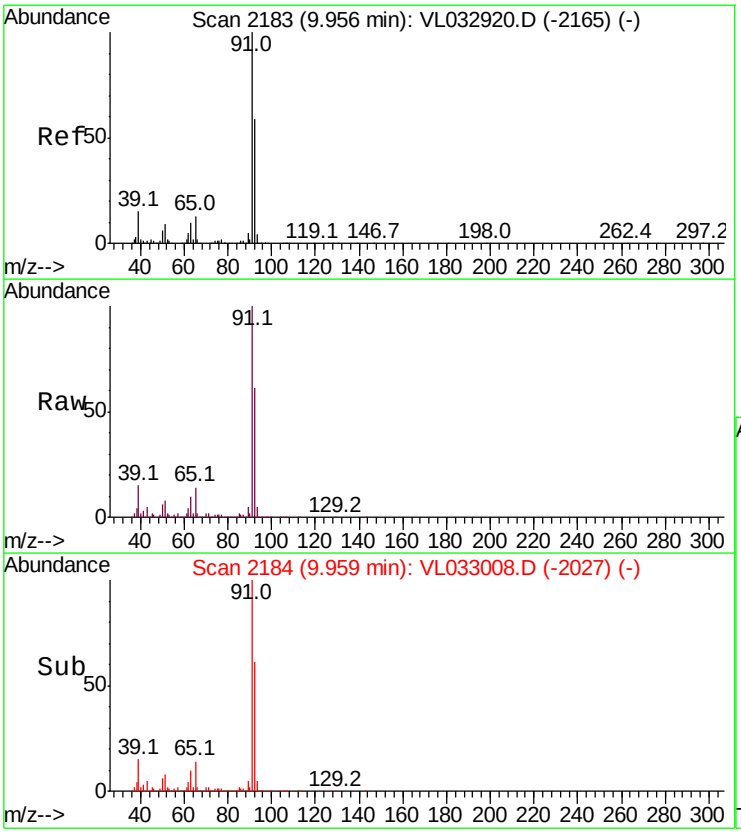
#52
Tetrachloroethene
Concen: 1.072 ppbv
RT: 11.38 min Scan# 2627
Delta R.T. 0.00 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:164 Resp: 79445

Ion	Ratio	Lower	Upper
164	100		
166	128.6	98.8	148.2
129	106.2	85.5	128.3
131	98.1	84.4	126.6

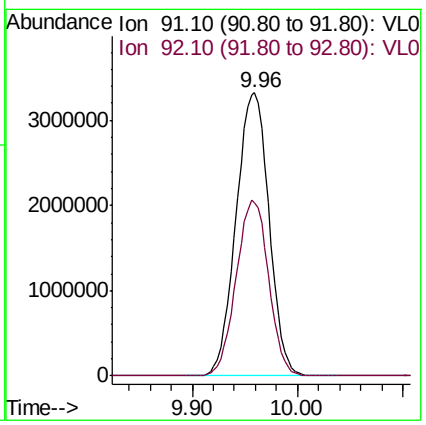


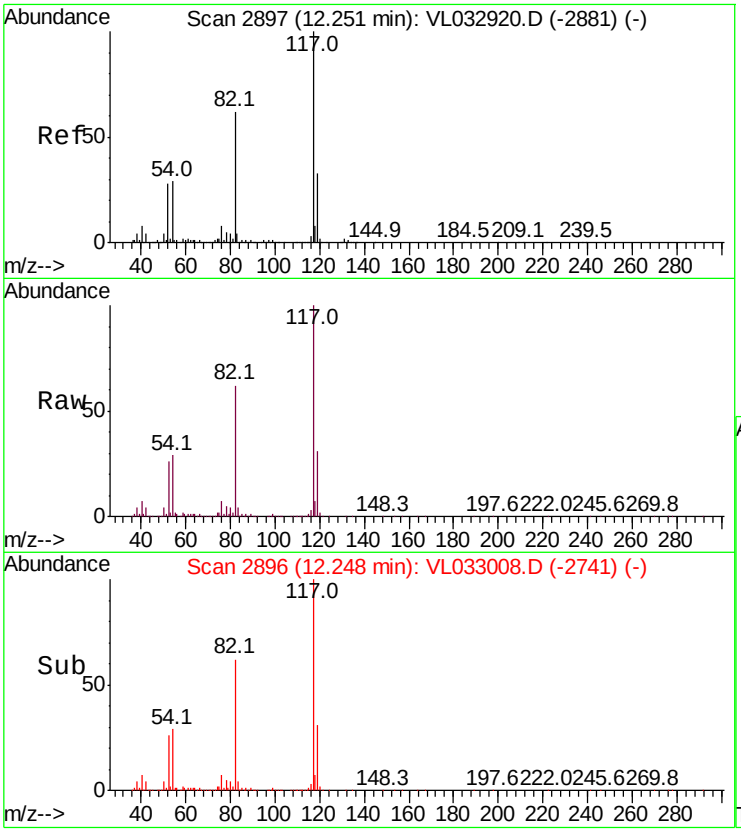


#53
Toluene
Concen: 33.412 ppbv
RT: 9.96 min Scan# 2184
Delta R.T. 0.00 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Tgt Ion: 91 Resp: 7218000

Ion	Ratio	Lower	Upper
91	100		
92	61.3	47.4	71.0



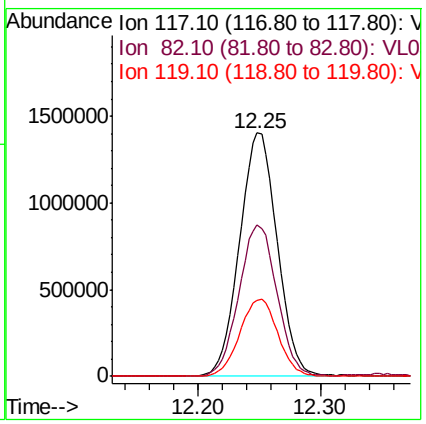


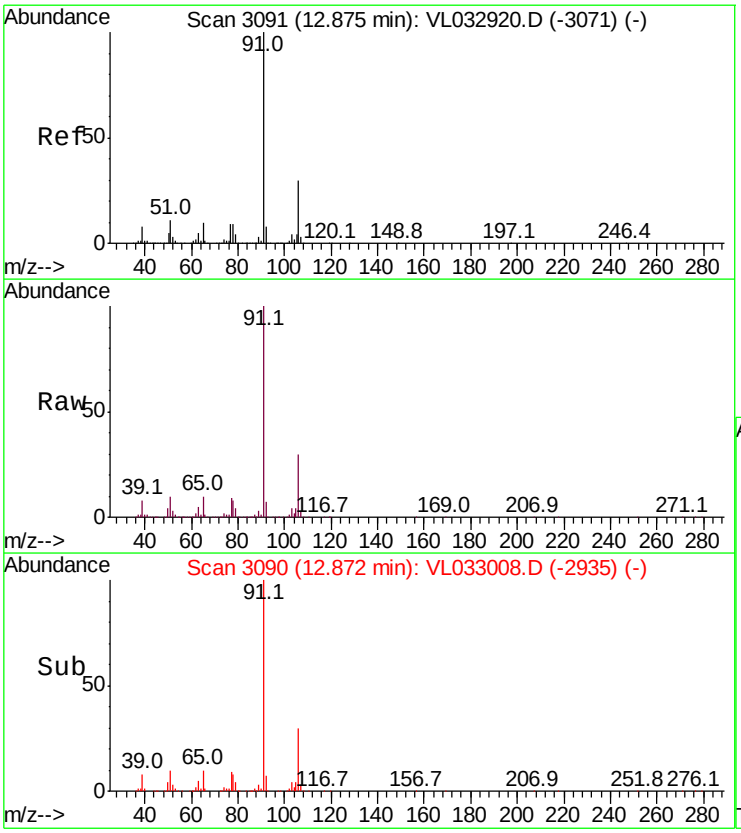
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2982107

Ion	Ratio	Lower	Upper
117	100		
82	63.0	47.8	71.8
119	32.4	43.1	64.7#

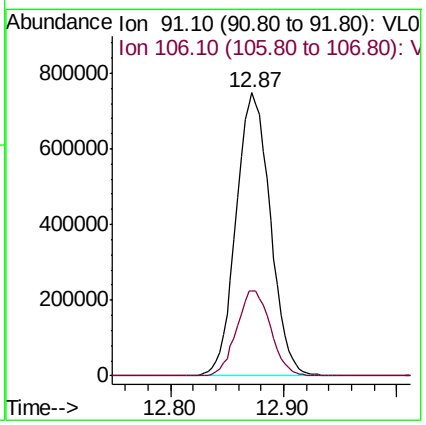


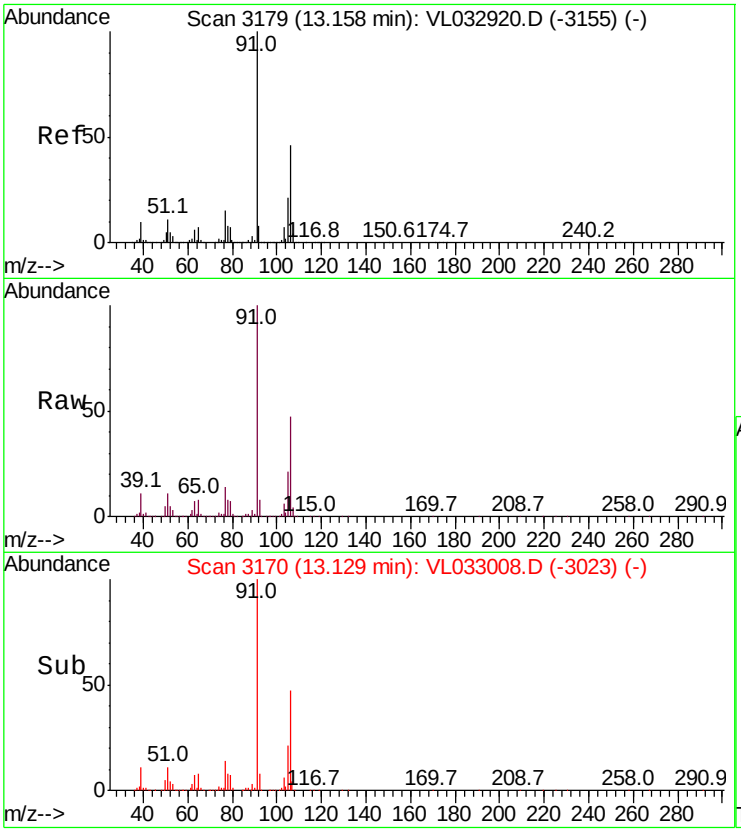


#58
Ethyl Benzene
Concen: 4.950 ppbv
RT: 12.87 min Scan# 3090
Delta R.T. -0.00 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Tgt Ion: 91 Resp: 1574832

Ion	Ratio	Lower	Upper
91	100		
106	30.0	23.9	35.9



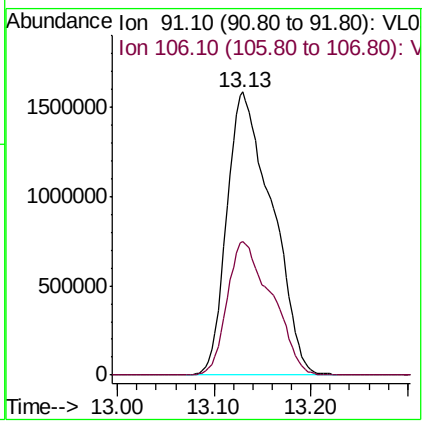


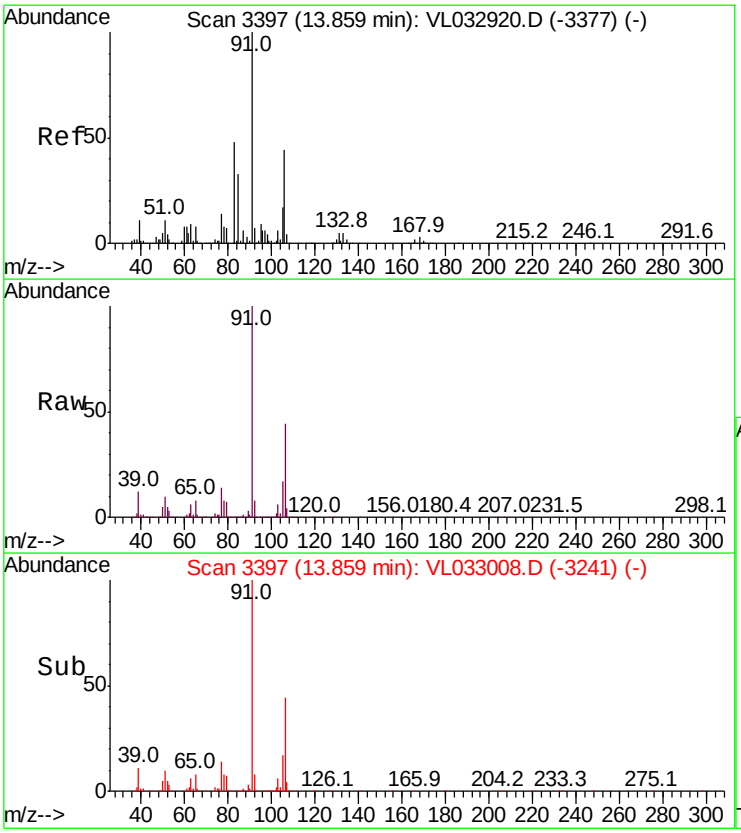
#59
m/p-Xylene
Concen: 17.750 ppbv
RT: 13.13 min Scan# 3170
Delta R.T. -0.03 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 5119275

Ion	Ratio	Lower	Upper
91	100		
106	46.9	0.0	0.0#

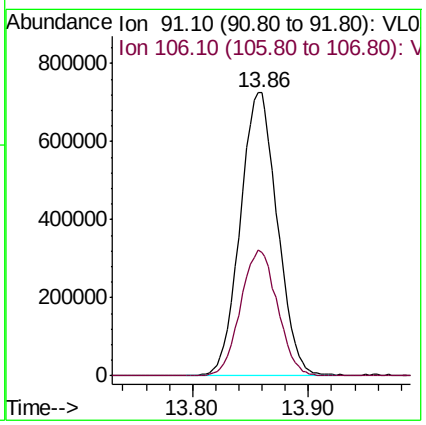


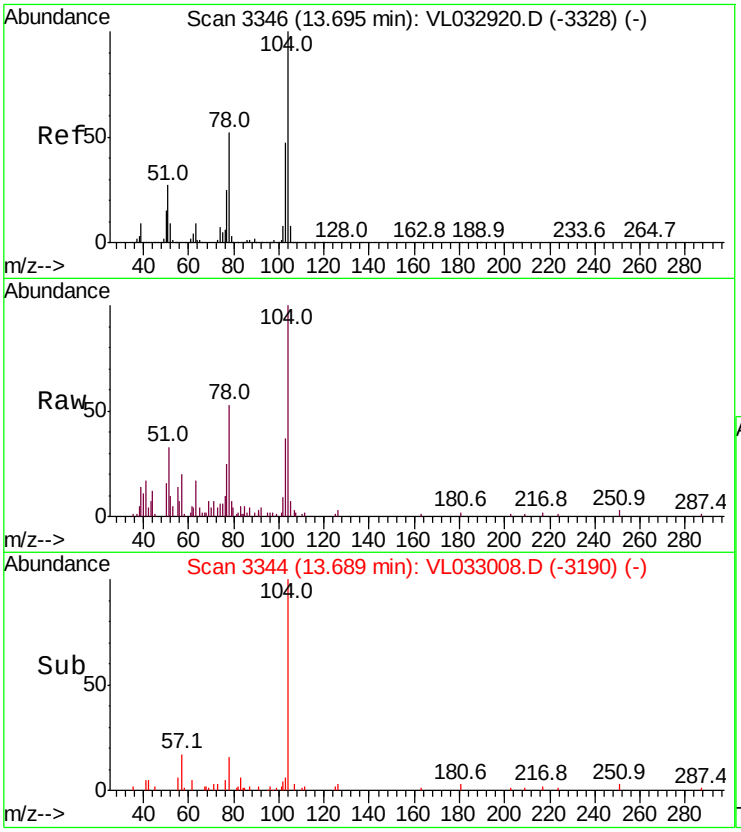


#60
o-Xylene
Concen: 5.537 ppbv
RT: 13.86 min Scan# 3397
Delta R.T. 0.00 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Tgt Ion: 91 Resp: 1612611

Ion	Ratio	Lower	Upper
91	100		
106	44.1	21.9	65.8



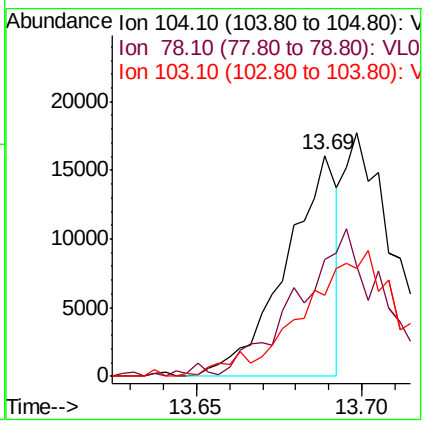


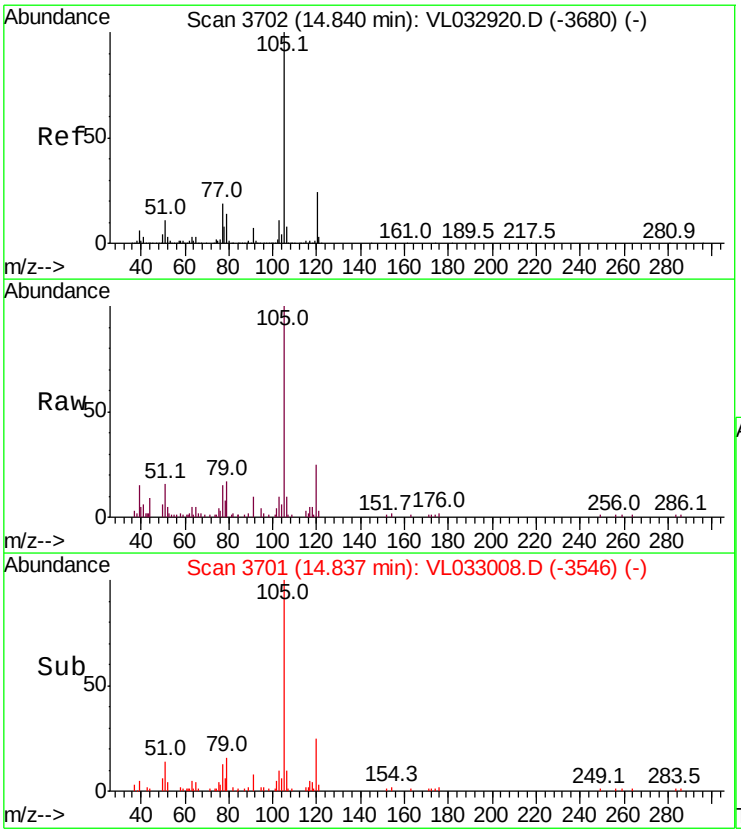
#61
Stvrene
Concen: 0.090 ppbv
RT: 13.69 min Scan# 3344
Delta R.T. -0.01 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:104 Resp: 17365

Ion	Ratio	Lower	Upper
104	100		
78	0.0	42.0	63.0#
103	0.0	38.3	57.5#

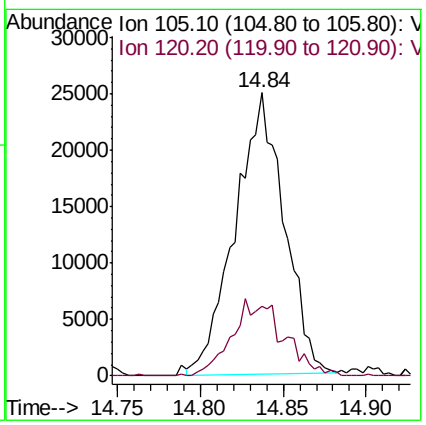


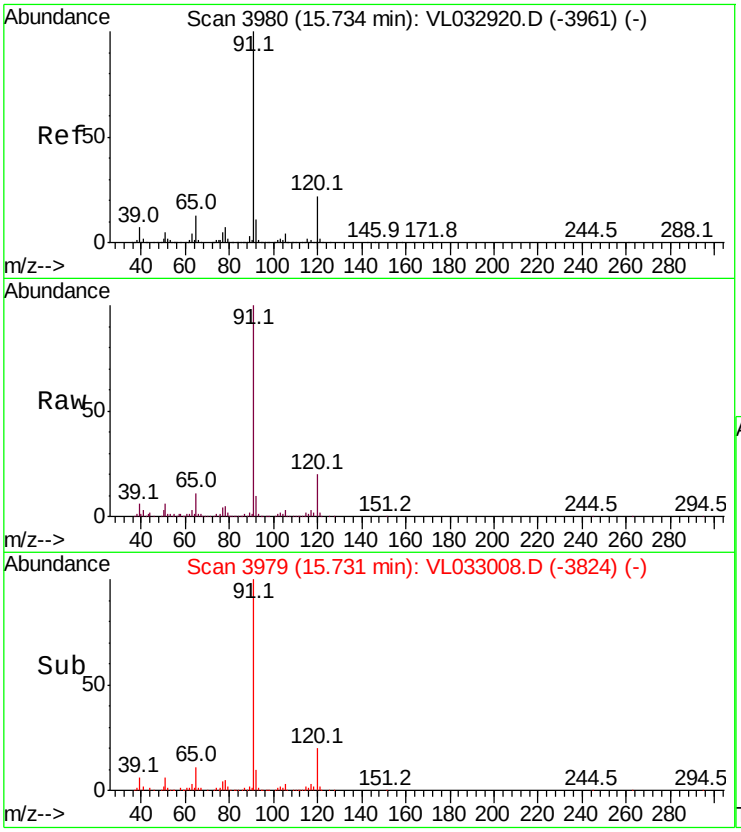


#62
Isopropylbenzene
Concen: 0.126 ppbv
RT: 14.84 min Scan# 3701
Delta R.T. -0.00 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Tgt Ion:105 Resp: 51316

Ion	Ratio	Lower	Upper
105	100		
120	28.5	20.3	30.5



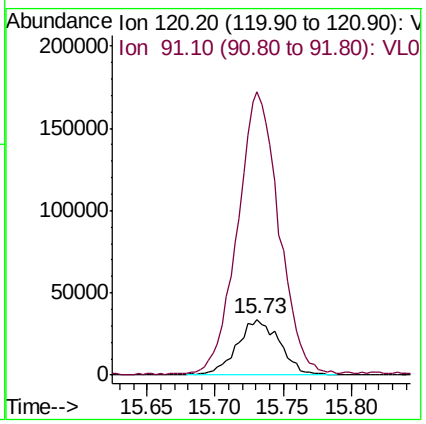


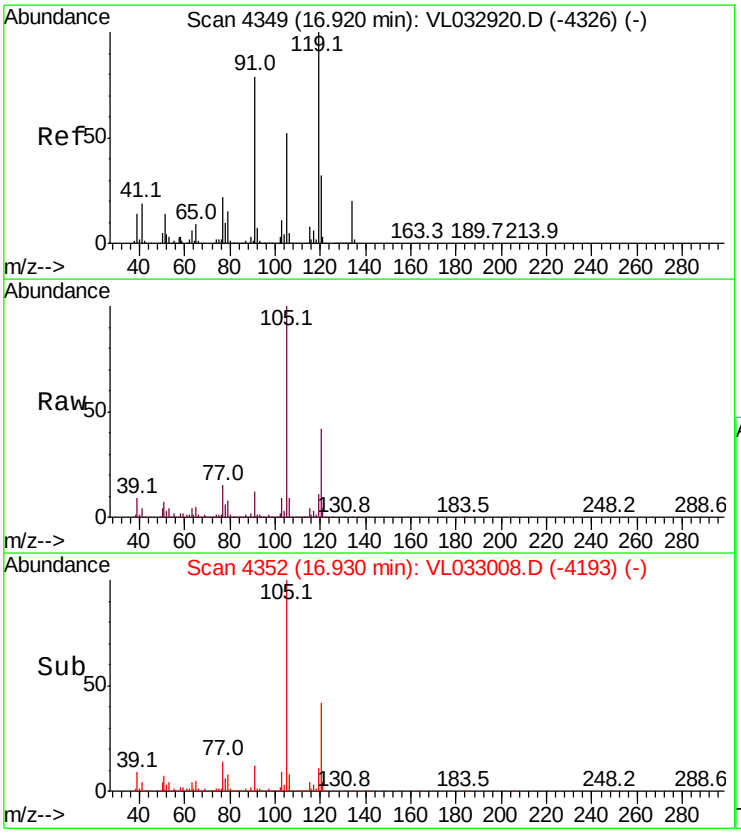
#64
n-propylbenzene
Concen: 0.696 ppbv
RT: 15.73 min Scan# 3979
Delta R.T. -0.00 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:120 Resp: 73479

Ion	Ratio	Lower	Upper
120	100		
91	496.2	380.4	570.6

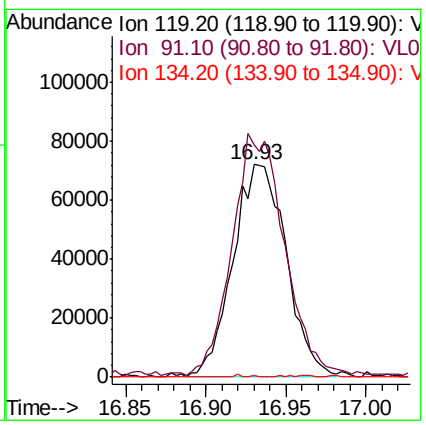


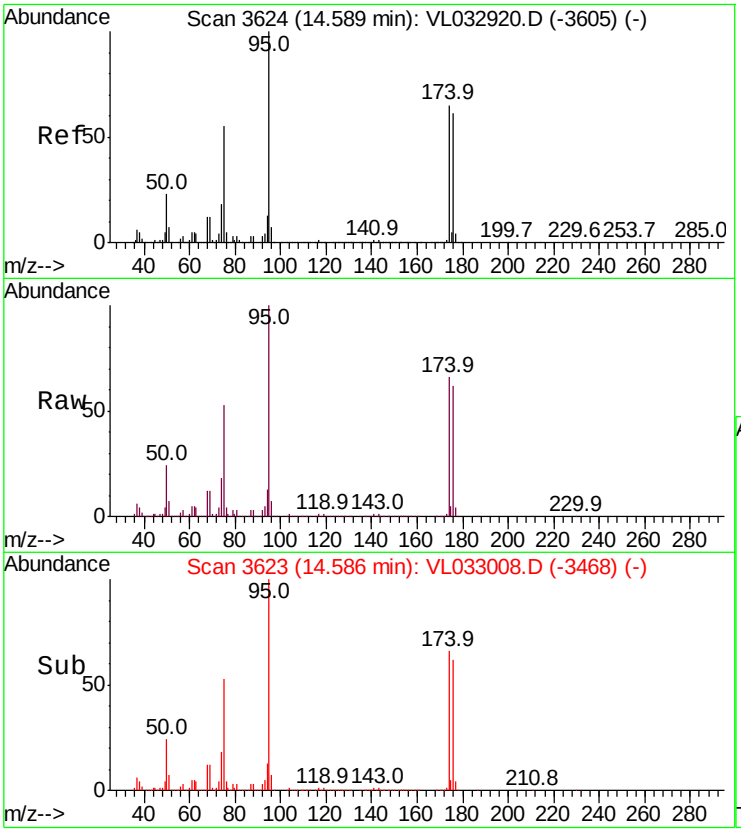


#65
tert-Butylbenzene
Concen: 0.433 ppbv
RT: 16.93 min Scan# 4352
Delta R.T. 0.01 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Tgt Ion:119 Resp: 163039

Ion	Ratio	Lower	Upper
119	100		
91	113.9	64.5	96.7#
134	1.0	15.7	23.5#



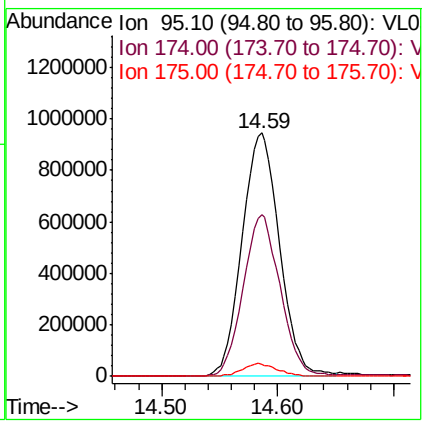


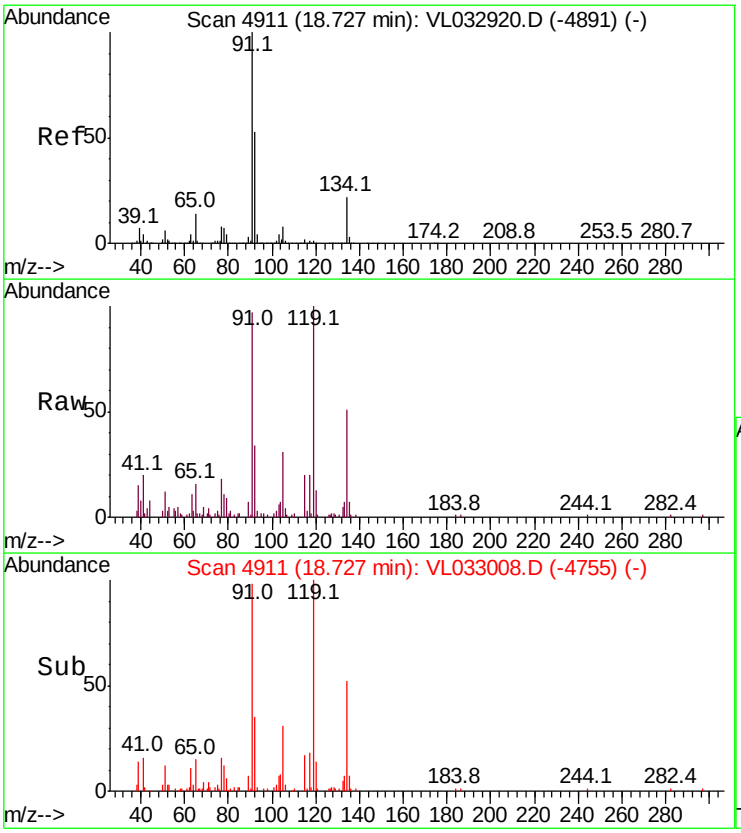
#68
1-Bromo-4-Fluorobenzene
Concen: 9.651 ppbv
RT: 14.59 min Scan# 3623
Delta R.T. -0.00 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2126195

Ion	Ratio	Lower	Upper
95	100		
174	66.8	51.4	77.0
175	5.0	3.8	5.6

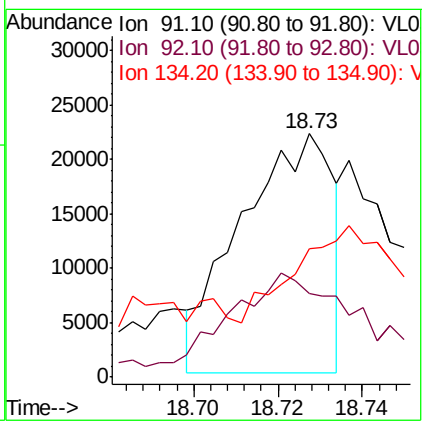


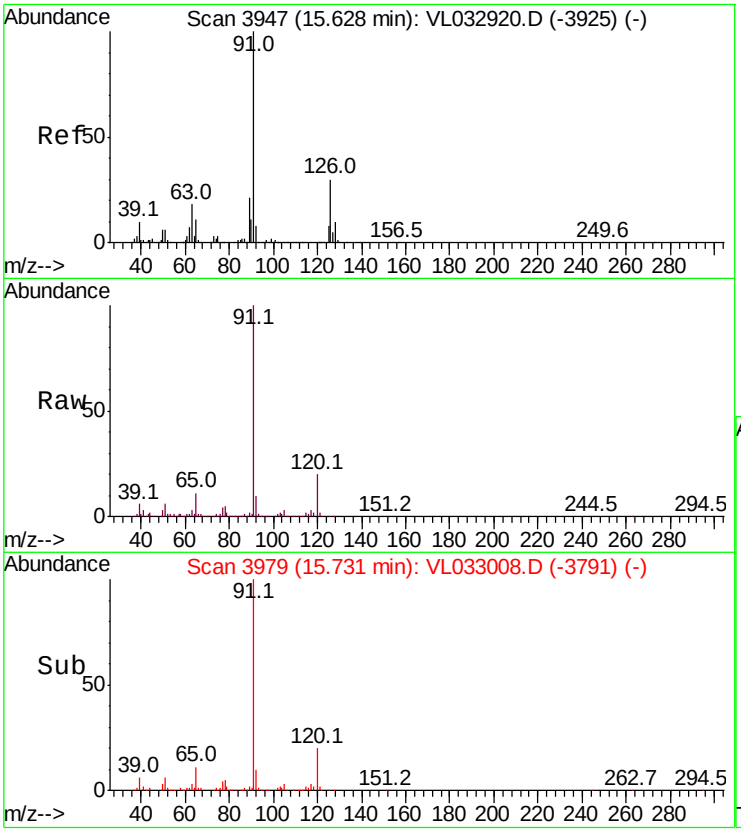


#70
n-Butylbenzene
Concen: 0.081 ppbv
RT: 18.73 min Scan# 4911
Delta R.T. 0.00 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Tgt Ion: 91 Resp: 33473

Ion	Ratio	Lower	Upper
91	100		
92	70.8	42.7	64.1#
134	0.0	18.0	27.0#



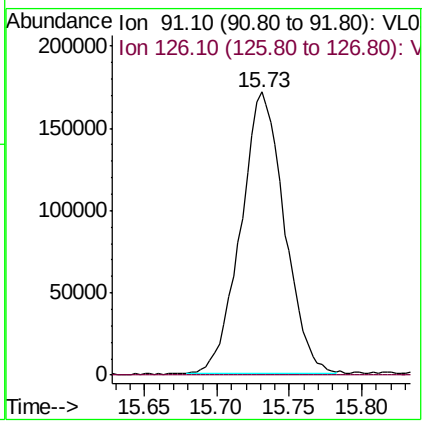


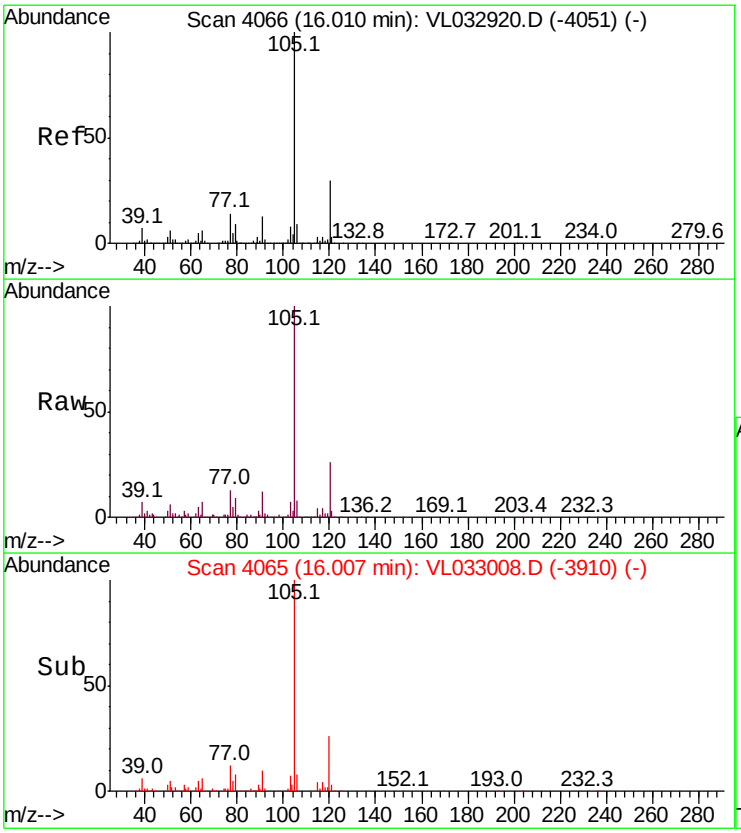
#71
2-Chlorotoluene
Concen: 1.189 ppbv
RT: 15.73 min Scan# 3979
Delta R.T. 0.10 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 359288

Ion	Ratio	Lower	Upper
91	100		
126	0.1	12.3	49.3#

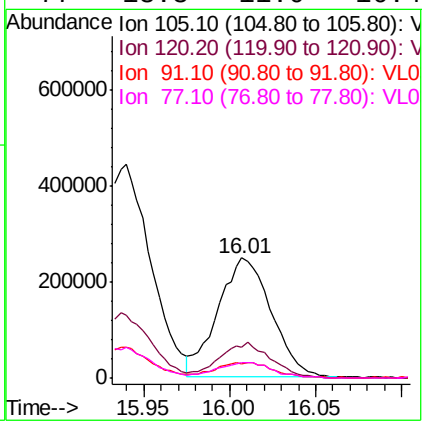


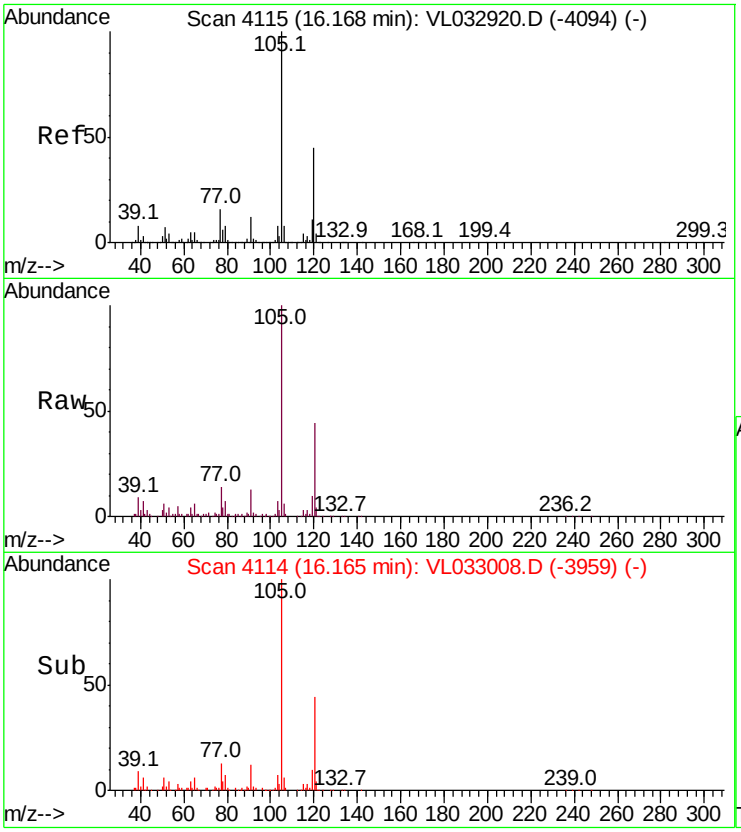


#72
4-Ethyltoluene
Concen: 1.641 ppbv
RT: 16.01 min Scan# 4065
Delta R.T. -0.00 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Tgt Ion:105 Resp: 533664

Ion	Ratio	Lower	Upper
105	100		
120	29.0	23.0	34.4
91	13.9	10.4	15.6
77	13.3	11.0	16.4



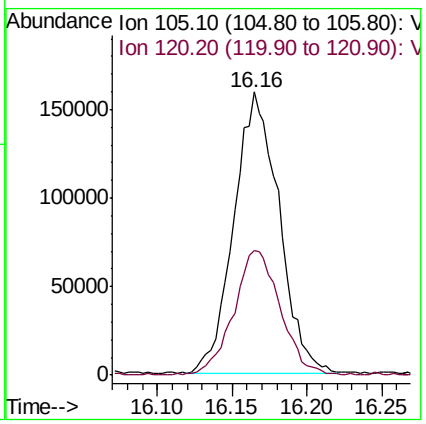


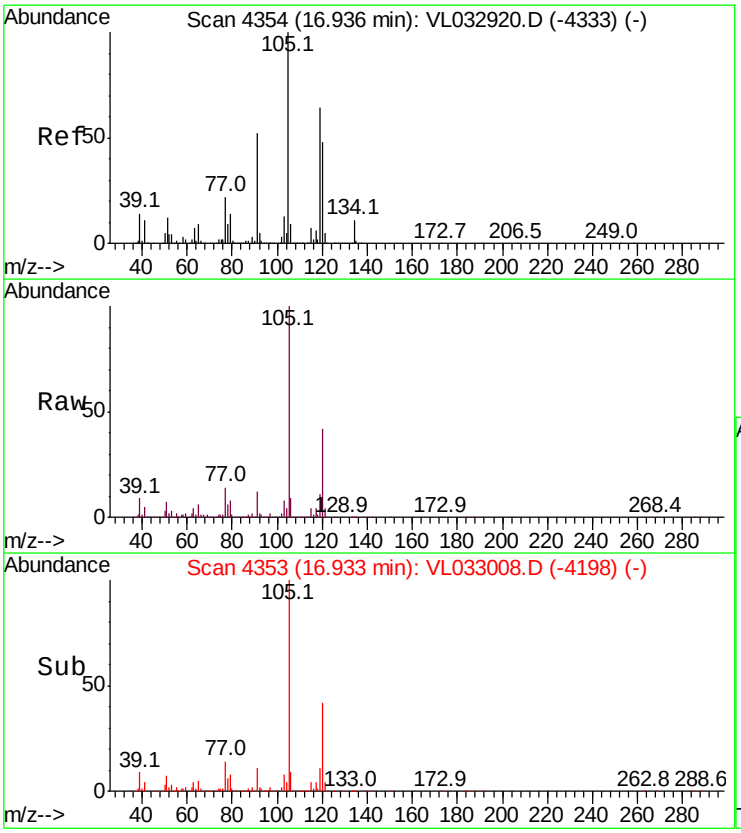
#73
1,3,5-Trimethylbenzene
Concen: 1.053 ppbv
RT: 16.16 min Scan# 4114
Delta R.T. -0.00 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 334138

Ion	Ratio	Lower	Upper
105	100		
120	43.8	36.0	54.0

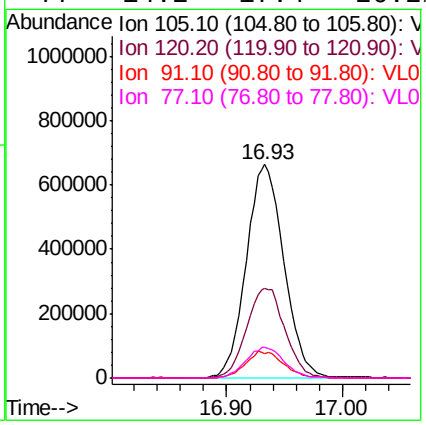


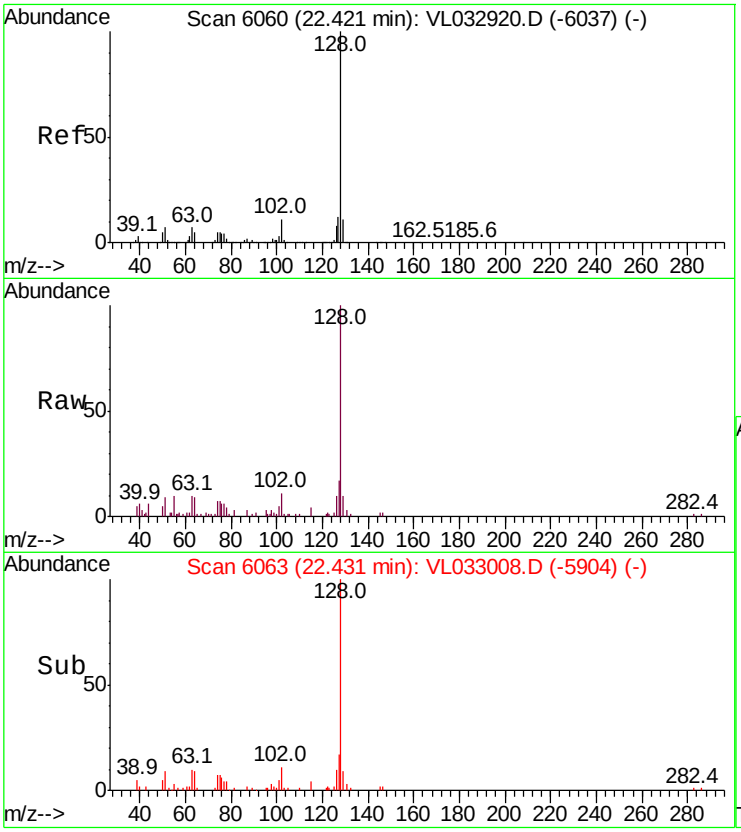


#74
1,2,4-Trimethylbenzene
Concen: 4.169 ppbv
RT: 16.93 min Scan# 4353
Delta R.T. -0.00 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Tgt Ion:105 Resp: 1494391

Ion	Ratio	Lower	Upper
105	100		
120	41.9	38.6	58.0
91	11.4	41.7	62.5#
77	14.2	17.4	26.2#



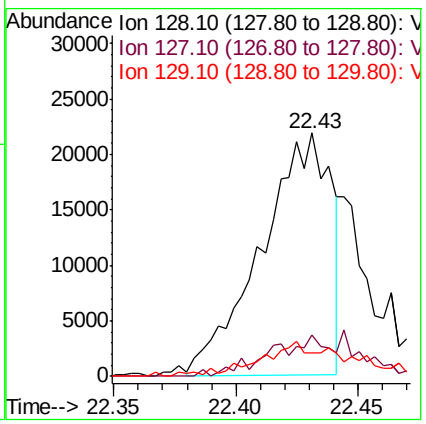


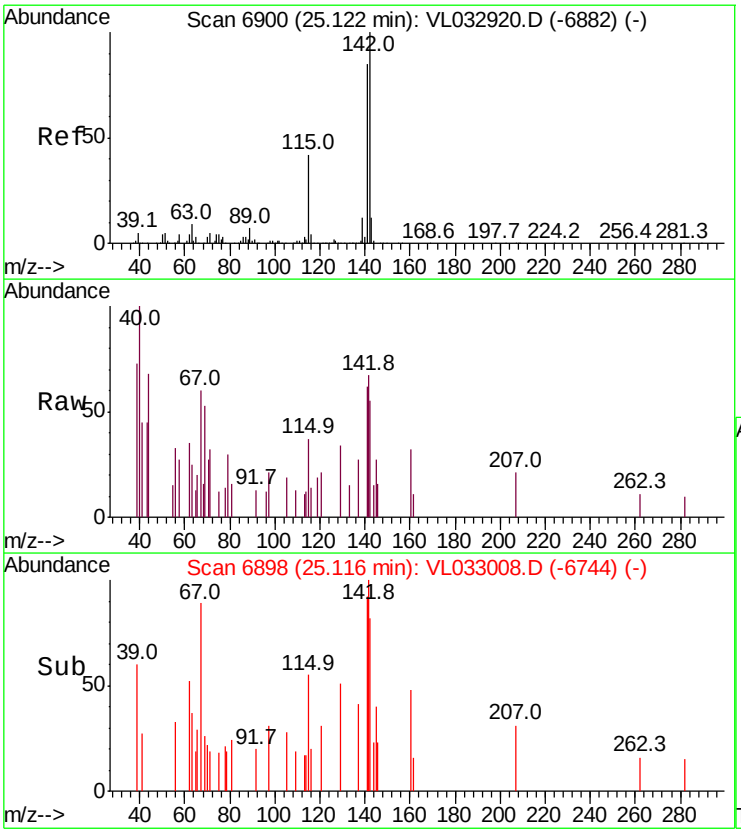
#79
Naphthalene
Concen: 0.187 ppbv
RT: 22.43 min Scan# 6063
Delta R.T. 0.01 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:128 Resp: 43187

Ion	Ratio	Lower	Upper
128	100		
127	17.5	9.9	14.9#
129	8.9	8.6	13.0





#80
Naphthalene,2-methyl-
Concen: 0.083 ppbv
RT: 25.12 min Scan# 6898
Delta R.T. -0.01 min
Lab File: VL033008.D
Acq: 17 Dec 2018 23:11

Tgt Ion:142 Resp: 4097

Ion	Ratio	Lower	Upper
142	100		
141	81.4	68.2	102.2
115	83.0	35.1	52.7#