Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052819\

Quantitation Report (Not Reviewed)

Data File : VL033836.D
Acq On : 29 May 2019 13:31
Operator : SY/AP
Sample : K2960-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3010-25

Quant Time: May 30 01:10:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri May 17 08:15:41 2019
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.76	49	837636	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.29	114	2249194	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.23	117	2255842	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.57	95	1719167	9.40	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 94.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	36875	0.209	ppbv		95
3) Chlorodifluoromethane	2.98	51	82084	0.856	ppbv	#	69
4) Chloromethane	3.17	50	29769	0.542	ppbv		94
7) Chloroethane	3.60	64	251	0.013	ppbv	#	41
8) Dichlorotetrafluoroethane	3.21	85	2499	0.018	ppbv	#	77
9) Propene	3.03	41	1206160	29.555	ppbv		91
10) Heptane	8.24	43	151906	1.314	ppbv		100
11) Trichlorofluoromethane	4.00	101	39134	0.232	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.55	101	45265	0.385	ppbv		97
13) Ethanol	3.66	45	523629	39.697	ppbv		99
15) Acetone	3.89	43	11110617	95.602	ppbv	#	85
16) 1,3-Butadiene	3.34	39	1064606	23.003	ppbv	#	21
17) tert-Butyl alcohol	4.37	59	159911	1.702	ppbv		97
19) Isopropyl Alcohol	4.04	45	119798	1.599	ppbv	#	94
20) Methylene Chloride	4.41	84	135006	3.017	ppbv		98
21) Allyl Chloride	4.46	41	13151	0.181	ppbv	#	1
23) Vinyl Acetate	5.14	43	92081	0.601	ppbv	#	13
25) Ethyl Acetate	5.77	43	256752	1.258	ppbv	#	84
26) Hexane	5.77	57	306661	3.494	ppbv	#	43
27) Carbon Disulfide	4.62	76	221731	1.841	ppbv		96
29) Chloroform	5.85	83	9038	0.056	ppbv		87
30) Cyclohexane	7.25	84	8265	0.112	ppbv	#	1
34) 2-Butanone	5.32	43	688326	4.937	ppbv		99
35) Carbon Tetrachloride	7.13	117	9531	0.053	ppbv		88
36) Benzene	7.00	78	170751	0.835	ppbv		95
37) 1,2-Dichloroethane	6.41	62	3467	0.026	ppbv	#	83
38) Trichloroethene	7.96	130	4594	0.061	ppbv	#	72
39) 1,2-Dichloropropane	7.29	63	547167	7.173	ppbv	#	22
41) Tetrahydrofuran	6.14	42	2616	0.033	ppbv	#	36
42) Bromodichloromethane	7.91	83	1938	0.011	ppbv	#	23
44) 2,2,4-Trimethylpentane	7.98	57	58781	0.170	ppbv	#	51
50) 4-Methyl-2-Pentanone	8.87	43	84467	0.394	ppbv		98
51) 2-Hexanone	10.27	43	104546	0.625	ppbv	#	98
52) Tetrachloroethene	11.38	164	964	0.013	ppbv		87
53) Toluene	9.94	91	1944451	8.811	ppbv		99
58) Ethyl Benzene	12.85	91	246365	0.825	ppbv		99
59) m/p-Xylene	13.11	91	768432	2.943	ppbv		98
60) o-Xylene	13.84	91	255326	0.970	ppbv		98
61) Styrene	13.68	104	13929	0.079	ppbv	#	1
62) Isopropylbenzene	14.82	105	10955	0.031	ppbv	#	75
63) 1,1,2,2-Tetrachloroethane	13.83	83	5384	0.028	ppbv	#	53

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052819\

Quantitation Report (Not Reviewed)

Data File : VL033836.D
Acq On : 29 May 2019 13:31
Operator : SY/AP
Sample : K2960-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3010-25

Quant Time: May 30 01:10:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri May 17 08:15:41 2019
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
64) n-propylbenzene	15.71	120	5338	0.058	ppbv	#	1
67) sec-Butylbenzene	17.44	105	4687	0.010	ppbv	#	59
69) p-Isopropyltoluene	17.80	119	5286	0.014	ppbv	#	48
70) n-Butylbenzene	18.72	91	50101	0.125	ppbv	#	85
71) 2-Chlorotoluene	15.92	91	20727	0.079	ppbv		79
72) 4-Ethyltoluene	15.99	105	75557	0.251	ppbv	#	92
73) 1,3,5-Trimethylbenzene	16.14	105	24887	0.085	ppbv		97
74) 1,2,4-Trimethylbenzene	16.91	105	81122	0.254	ppbv	#	70
75) 1,3-Dichlorobenzene	17.15	146	29140	0.149	ppbv	#	8
80) Naphthalene,2-methyl-	25.11	142	3331	0.030	ppbv	#	81

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

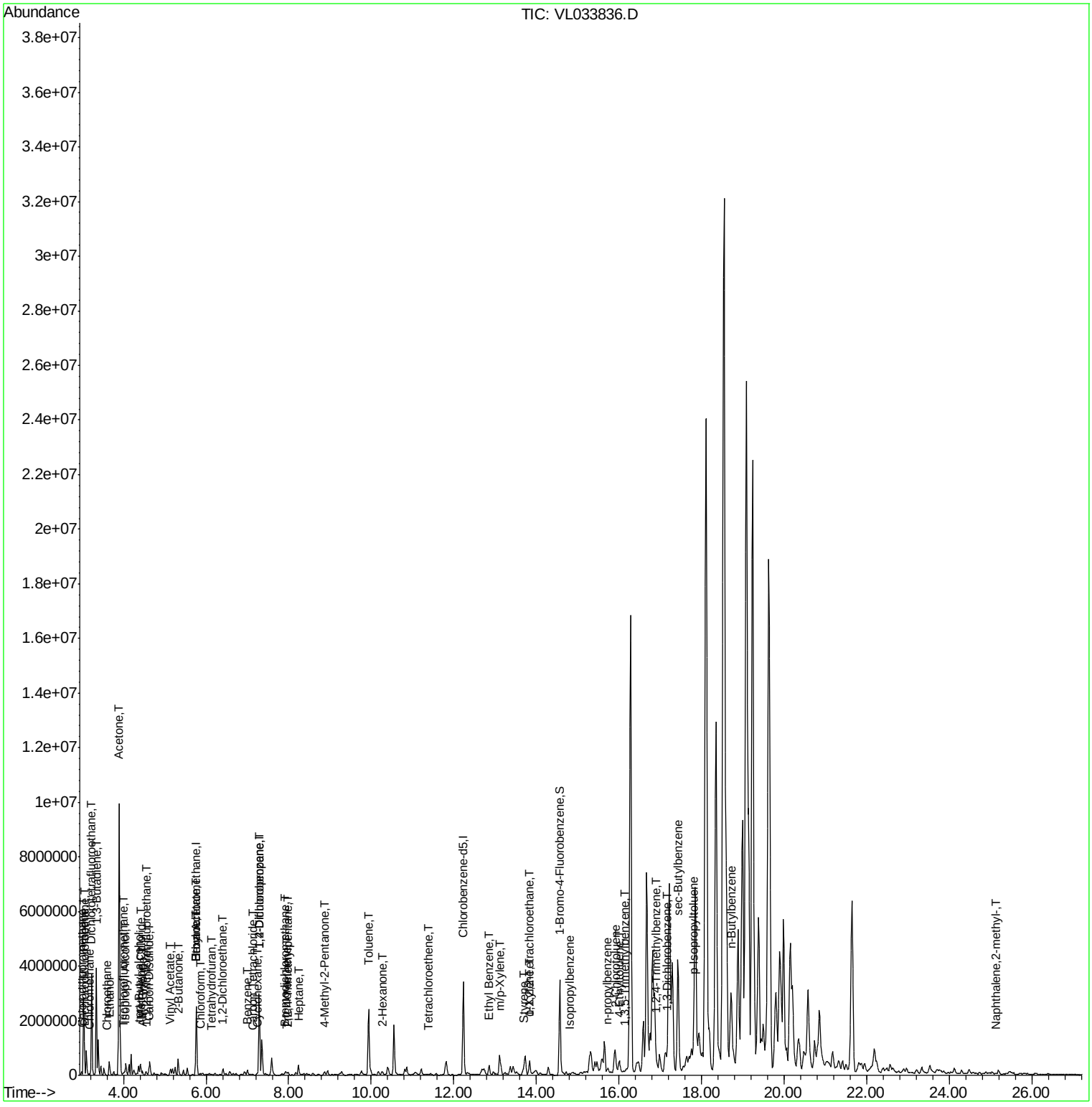
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052819\

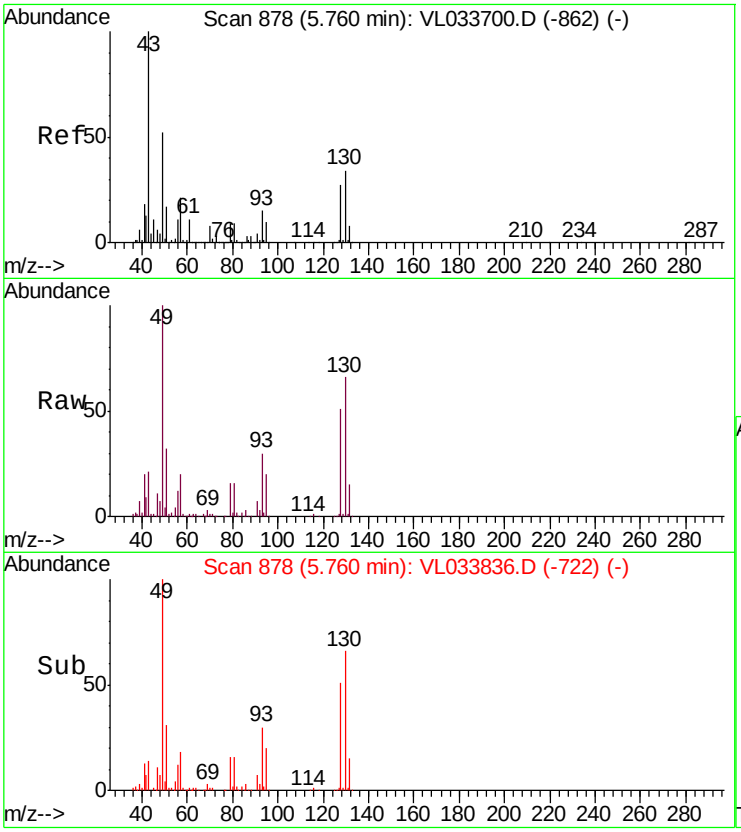
Quantitation Report (Not Reviewed)

Data File : VL033836.D
Acq On : 29 May 2019 13:31
Operator : SY/AP
Sample : K2960-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3010-25

Quant Time: May 30 01:10:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri May 17 08:15:41 2019
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration



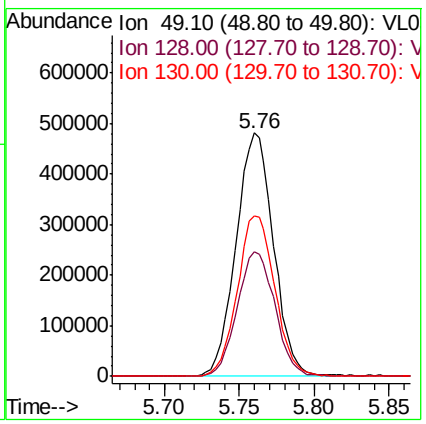


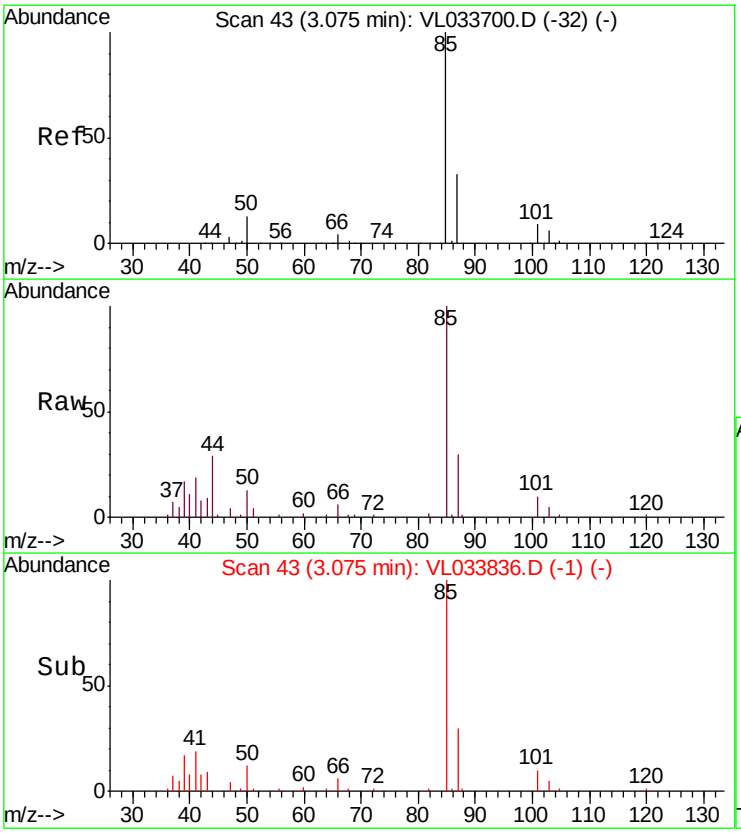
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 878
Delta R.T. 0.00 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3010-25

Tgt Ion: 49 Resp: 837636

Ion	Ratio	Lower	Upper
49	100		
128	51.8	25.2	75.6
130	66.3	32.5	97.5

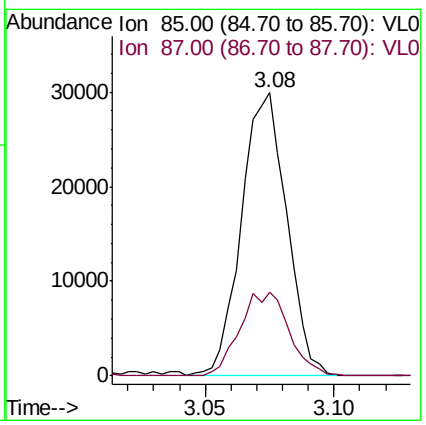


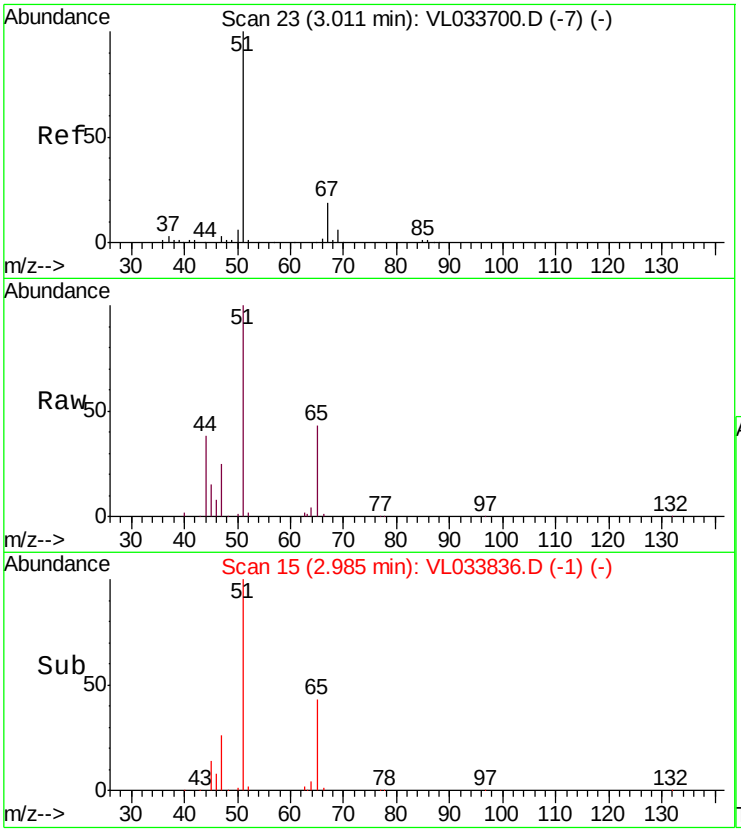


#2
Dichlorodifluoromethane
Concen: 0.209 ppbv
RT: 3.08 min Scan# 43
Delta R.T. 0.00 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Tgt Ion: 85 Resp: 36875

Ion	Ratio	Lower	Upper
85	100		
87	30.3	26.3	39.5



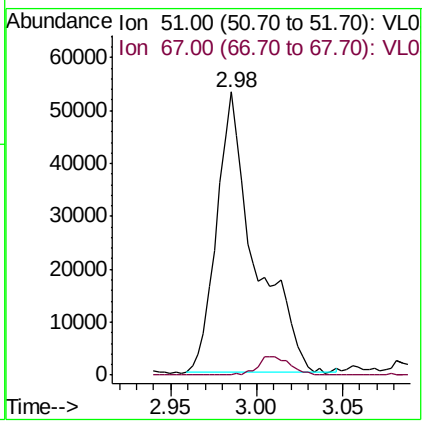


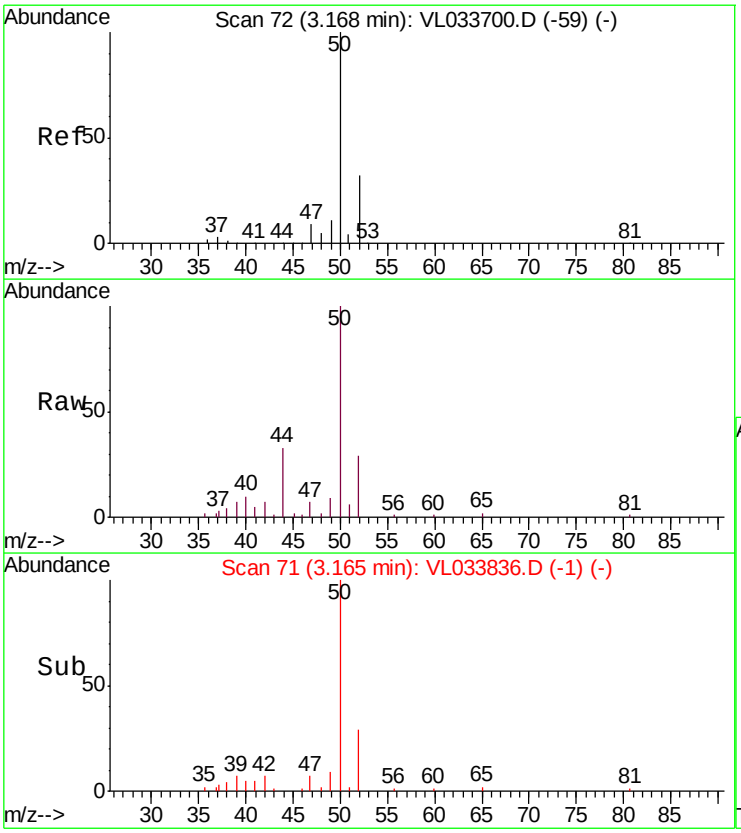
#3
Chlorodifluoromethane
Concen: 0.856 ppbv
RT: 2.98 min Scan# 15
Delta R.T. -0.03 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Tgt Ion: 51 Resp: 82084

Ion	Ratio	Lower	Upper
51	100		
67	5.6	15.6	23.4#

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3010-25

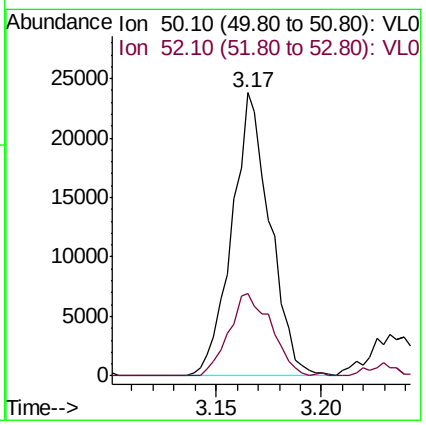


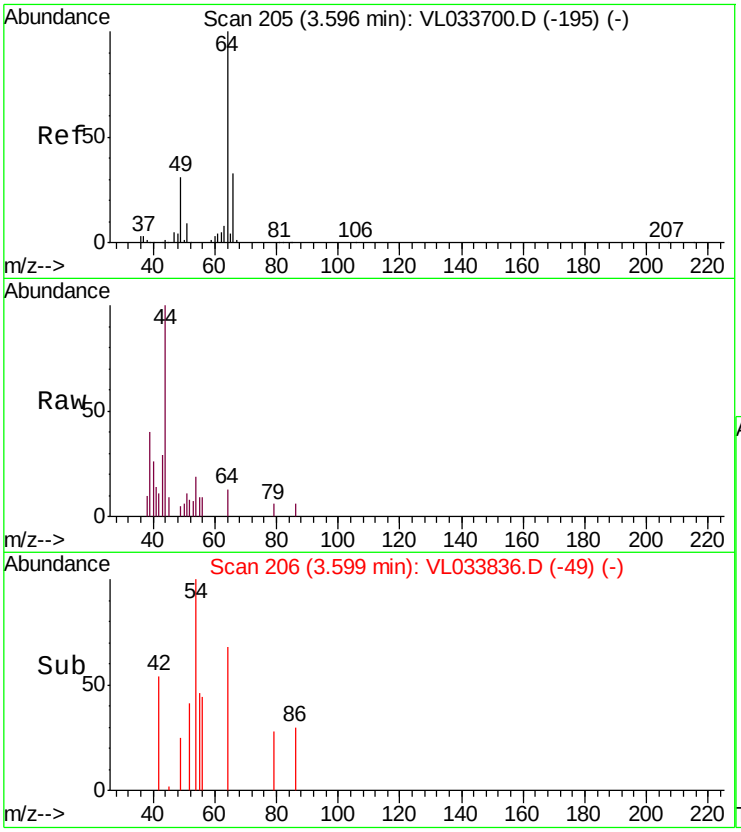


#4
Chloromethane
Concen: 0.542 ppbv
RT: 3.17 min Scan# 71
Delta R.T. -0.00 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Tgt Ion: 50 Resp: 29769

Ion	Ratio	Lower	Upper
50	100		
52	29.0	25.7	38.5



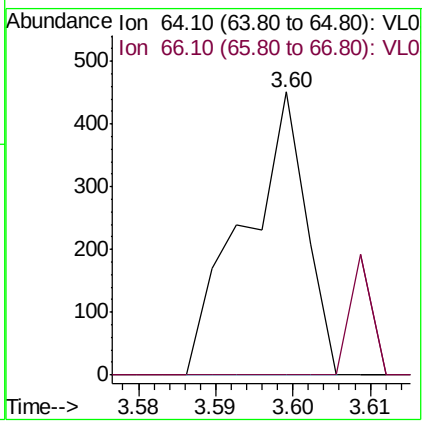


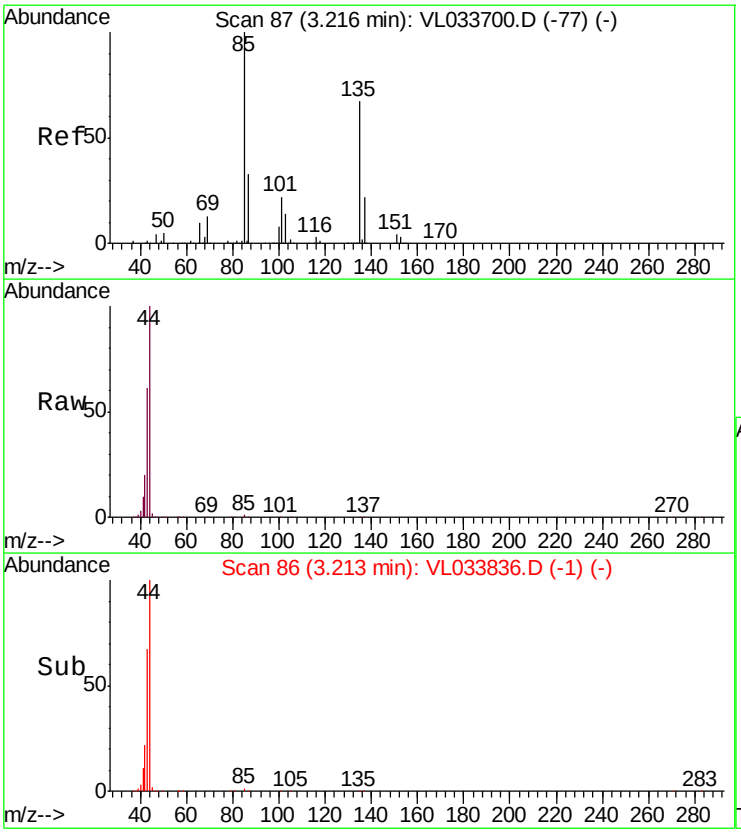
#7
Chloroethane
Concen: 0.013 ppbv
RT: 3.60 min Scan# 206
Delta R.T. 0.00 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3010-25

Tgt Ion: 64 Resp: 251

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.6	40.0#

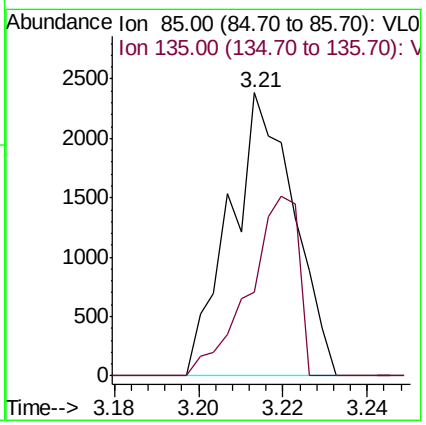


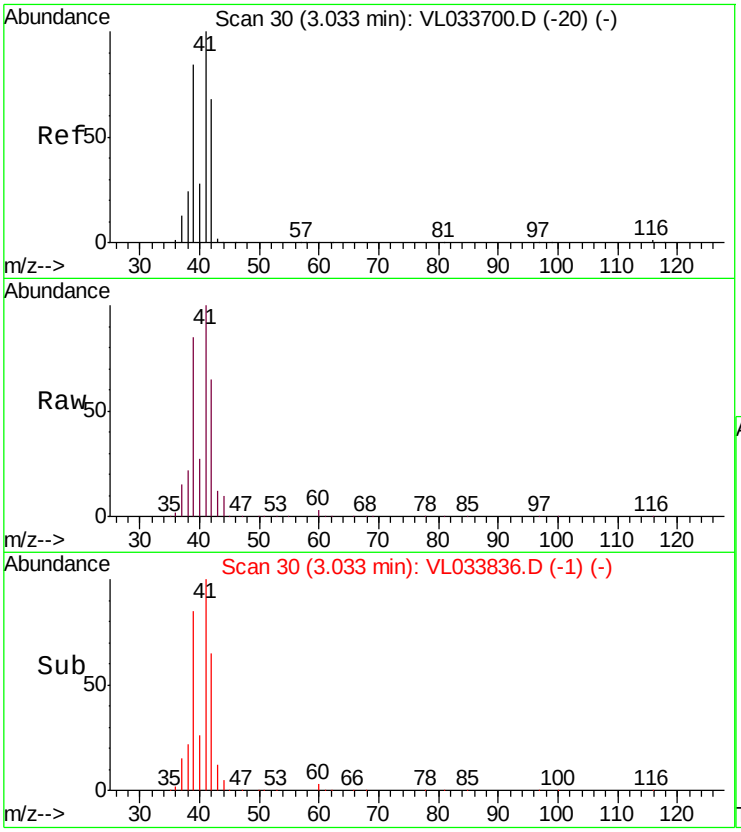


#8
Dichlorotetrafluoroethane
Concen: 0.018 ppbv
RT: 3.21 min Scan# 86
Delta R.T. -0.00 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Tgt Ion: 85 Resp: 2499

Ion	Ratio	Lower	Upper
85	100		
135	49.1	54.5	81.7#



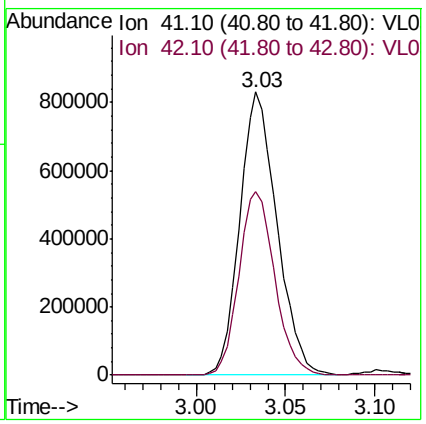


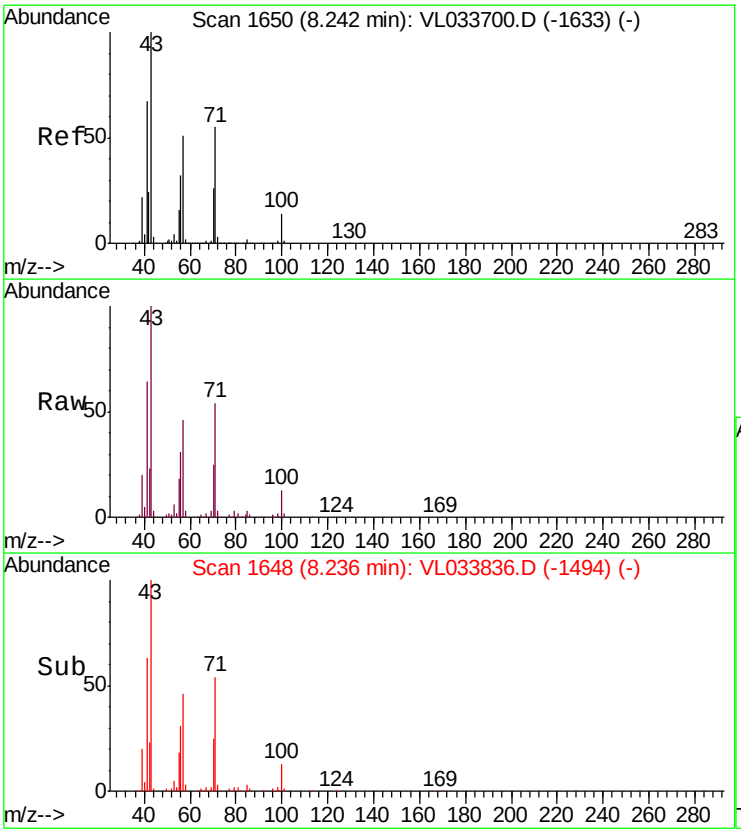
#9
Propene
Concen: 29.555 ppbv
RT: 3.03 min Scan# 30
Delta R.T. 0.00 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3010-25

Tgt Ion: 41 Resp: 1206160

Ion	Ratio	Lower	Upper
41	100		
42	62.9	56.1	84.1

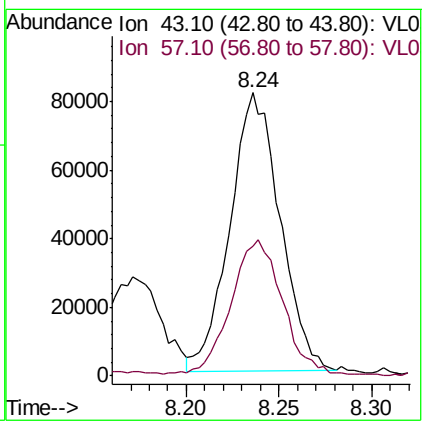


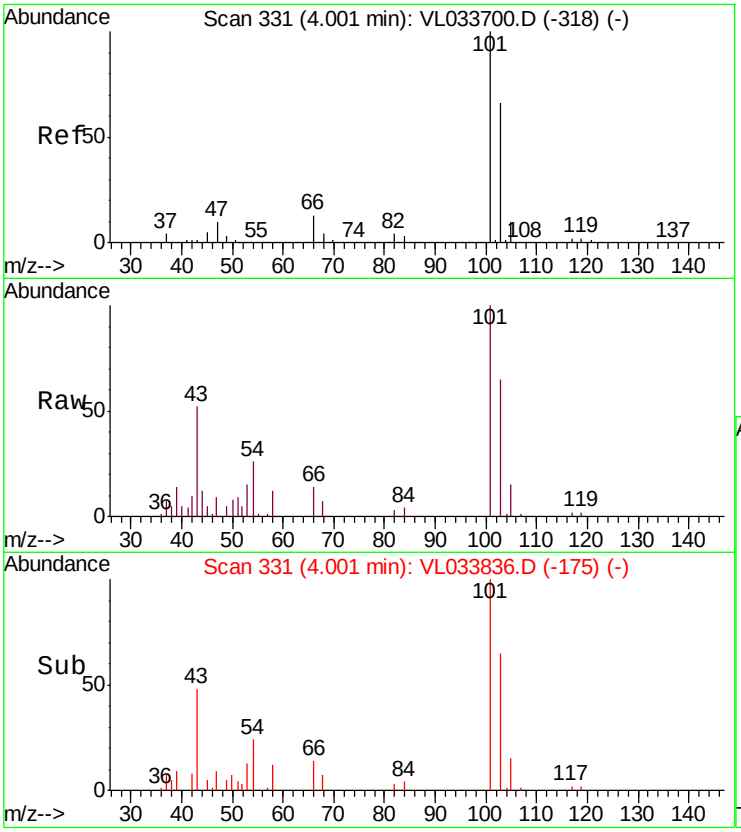


#10
Heptane
Concen: 1.314 ppbv
RT: 8.24 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Tgt Ion: 43 Resp: 151906

Ion	Ratio	Lower	Upper
43	100		
57	51.7	41.4	62.0



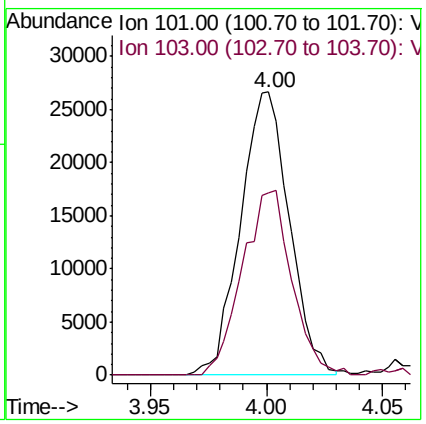


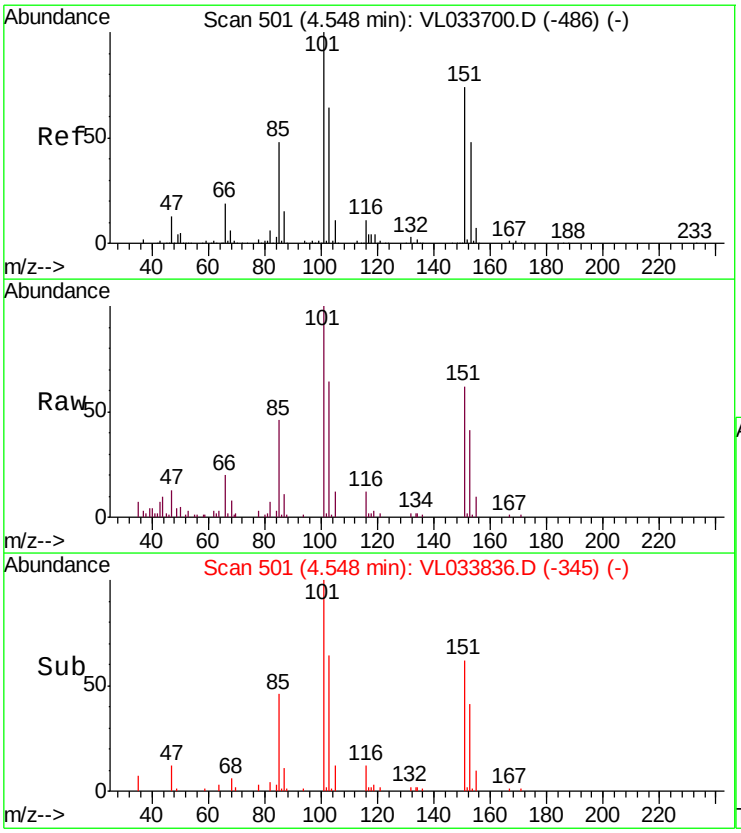
#11
Trichlorofluoromethane
Concen: 0.232 ppbv
RT: 4.00 min Scan# 331
Delta R.T. 0.00 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3010-25

Tgt Ion:101 Resp: 39134

Ion	Ratio	Lower	Upper
101	100		
103	64.6	52.6	78.8

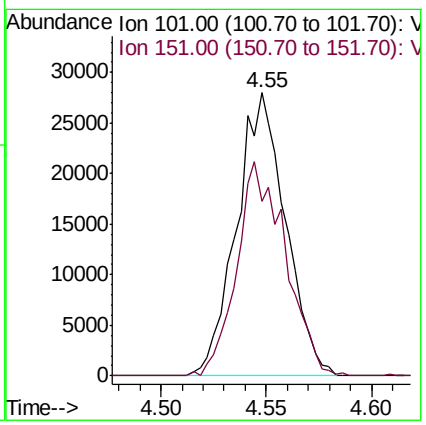


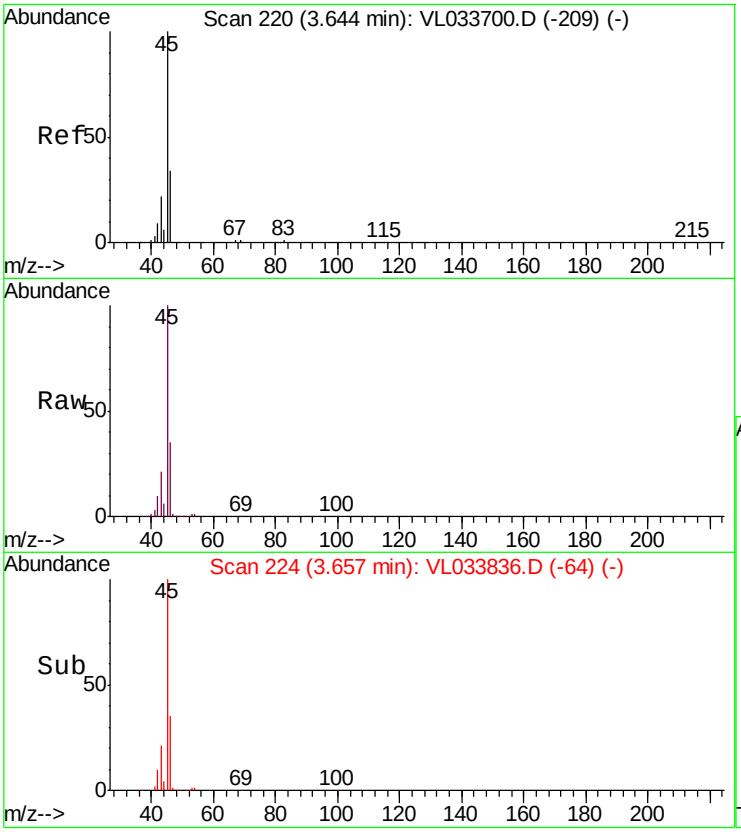


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.385 ppbv
RT: 4.55 min Scan# 501
Delta R.T. 0.00 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Tgt Ion:101 Resp: 45265

Ion	Ratio	Lower	Upper
101	100		
151	74.9	58.2	87.4



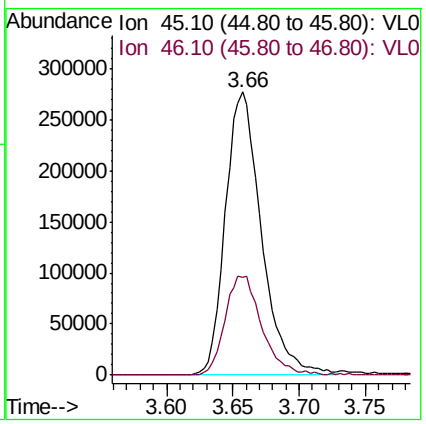


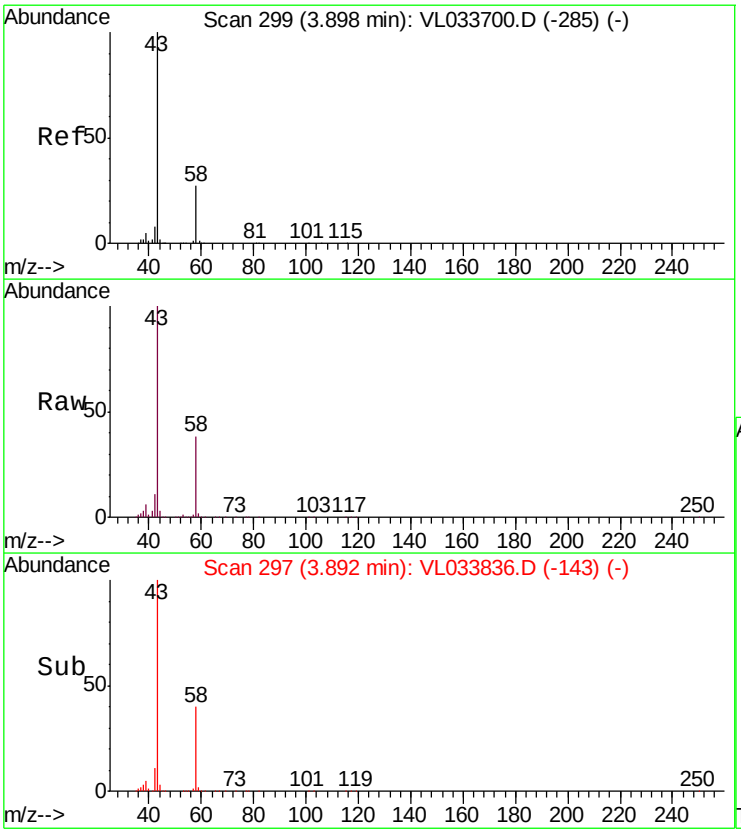
#13
Ethanol
Concen: 39.697 ppbv
RT: 3.66 min Scan# 224
Delta R.T. 0.01 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3010-25

Tgt Ion: 45 Resp: 523629

Ion	Ratio	Lower	Upper
45	100		
46	36.2	14.8	59.0

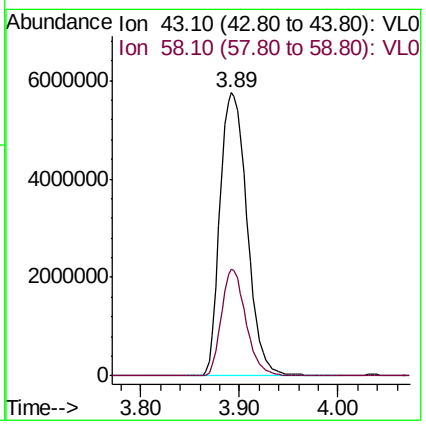


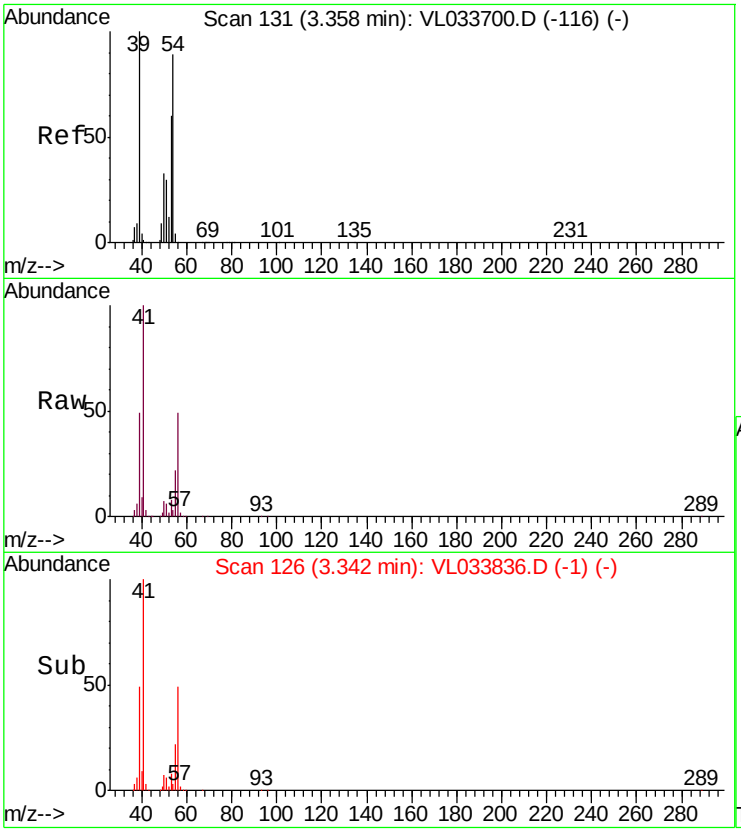


#15
Acetone
Concen: 95.602 ppbv
RT: 3.89 min Scan# 297
Delta R.T. -0.01 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Tgt Ion: 43 Resp:11110617

Ion	Ratio	Lower	Upper
43	100		
58	34.1	21.3	31.9#



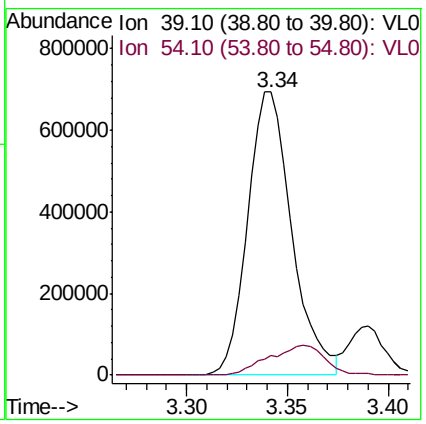


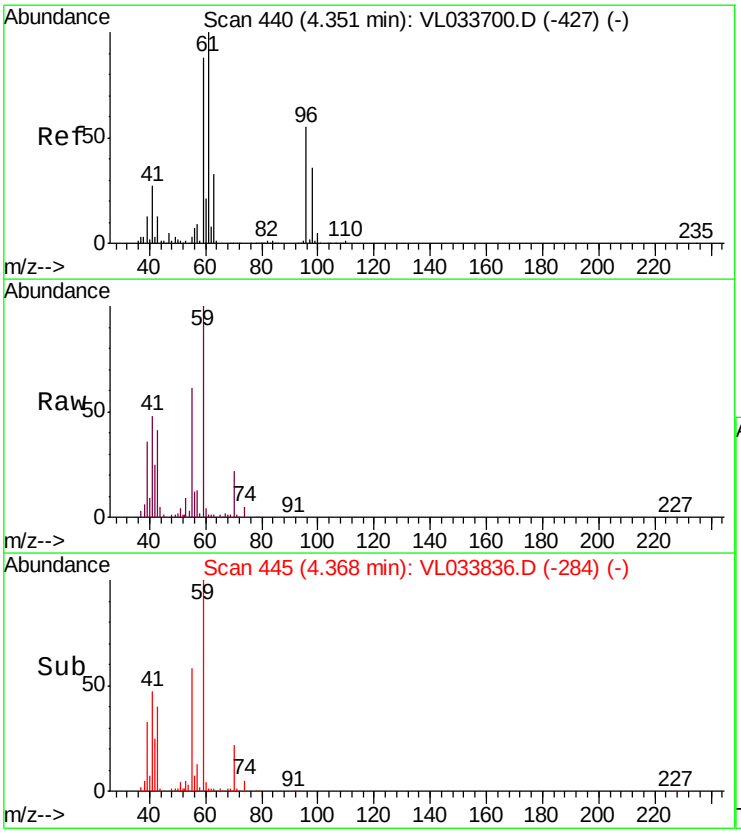
#16
1,3-Butadiene
Concen: 23.003 ppbv
RT: 3.34 min Scan# 126
Delta R.T. -0.02 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3010-25

Tgt Ion: 39 Resp: 1064606

Ion	Ratio	Lower	Upper
39	100		
54	13.4	69.0	103.6#

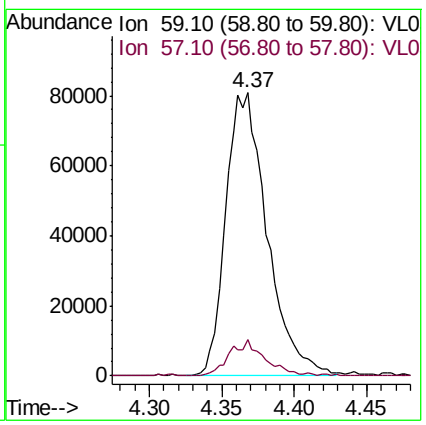


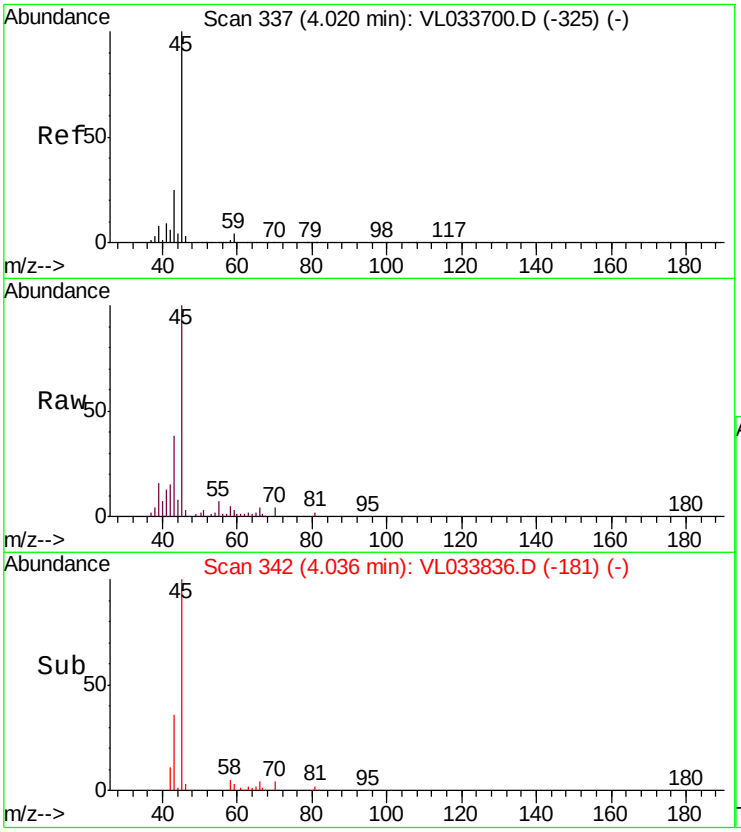


#17
tert-Butyl alcohol
Concen: 1.702 ppbv
RT: 4.37 min Scan# 445
Delta R.T. 0.02 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Tgt Ion: 59 Resp: 159911

Ion	Ratio	Lower	Upper
59	100		
57	11.5	8.4	12.6



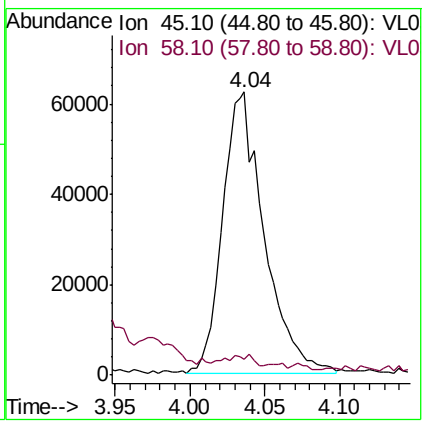


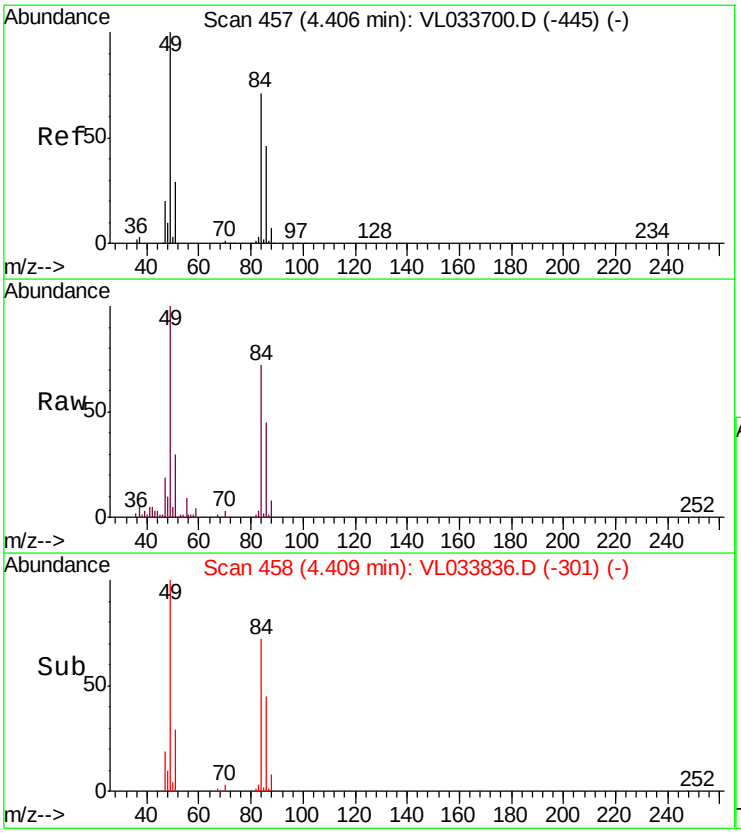
#19
Isopropyl Alcohol
Concen: 1.599 ppbv
RT: 4.04 min Scan# 342
Delta R.T. 0.02 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3010-25

Tgt Ion: 45 Resp: 119798

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.6	2.4#

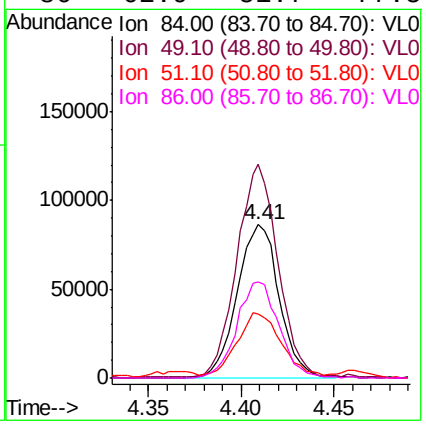


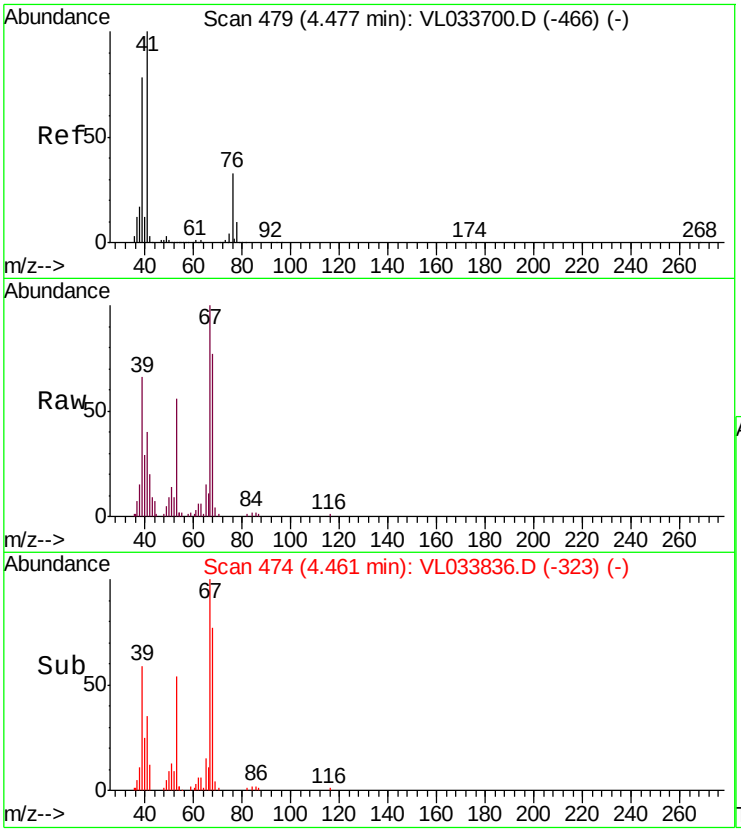


#20
Methylene Chloride
Concen: 3.017 ppbv
RT: 4.41 min Scan# 458
Delta R.T. 0.00 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Tgt Ion: 84 Resp: 135006

Ion	Ratio	Lower	Upper
84	100		
49	138.6	112.8	169.2
51	39.1	33.4	50.0
86	62.9	51.7	77.5



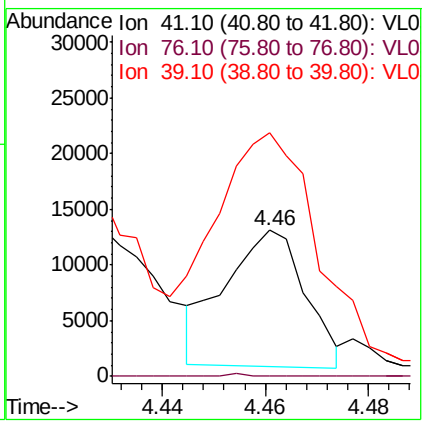


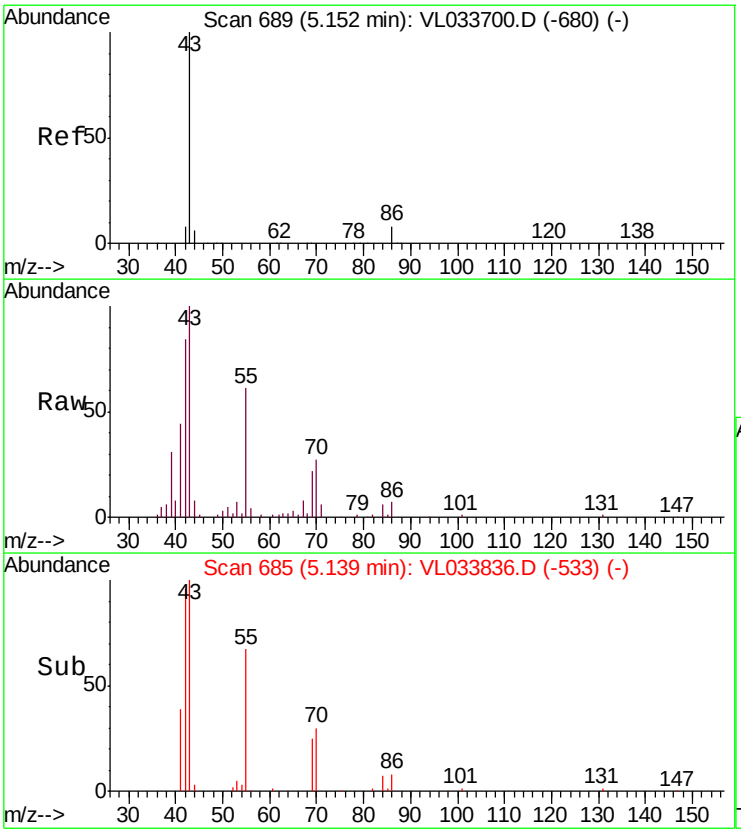
#21
Allyl Chloride
Concen: 0.181 ppbv
RT: 4.46 min Scan# 474
Delta R.T. -0.02 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3010-25

Tgt Ion: 41 Resp: 13151

Ion	Ratio	Lower	Upper
41	100		
76	0.0	25.9	38.9#
39	232.5	64.6	97.0#

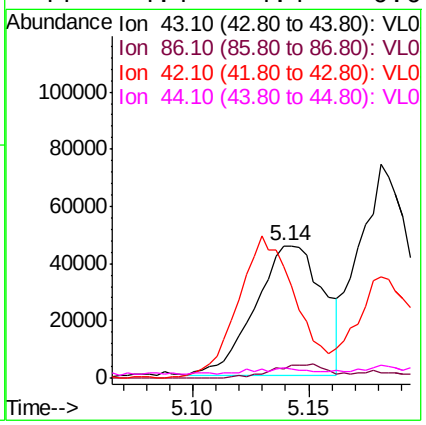


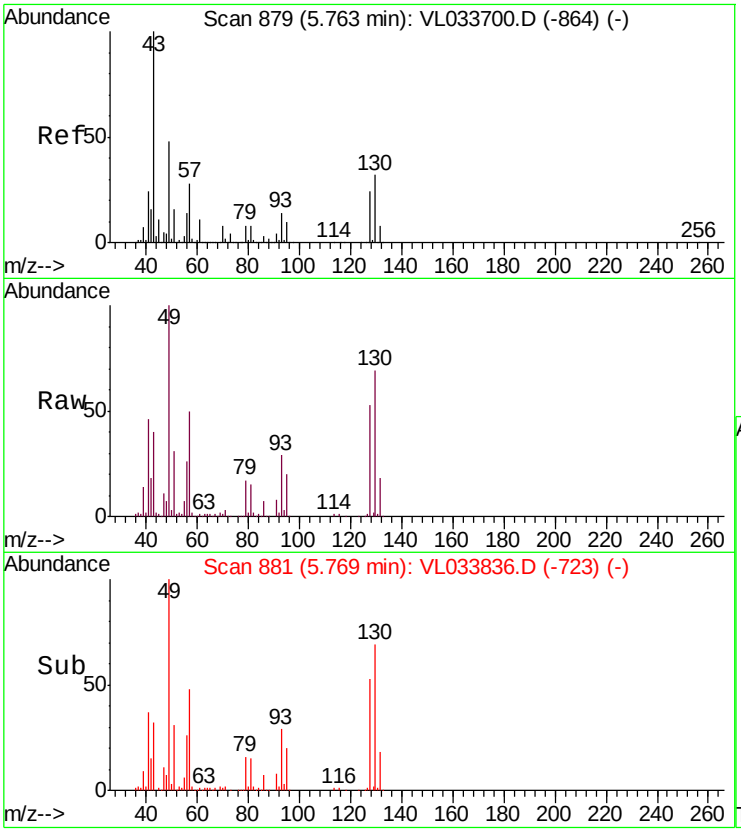


#23
Vinyl Acetate
Concen: 0.601 ppbv
RT: 5.14 min Scan# 685
Delta R.T. -0.01 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Tgt Ion: 43 Resp: 92081

Ion	Ratio	Lower	Upper
43	100		
86	6.8	6.0	9.0
42	84.2	7.5	11.3#
44	4.4	4.4	6.6



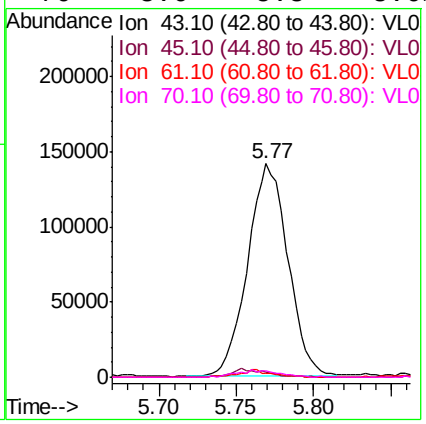


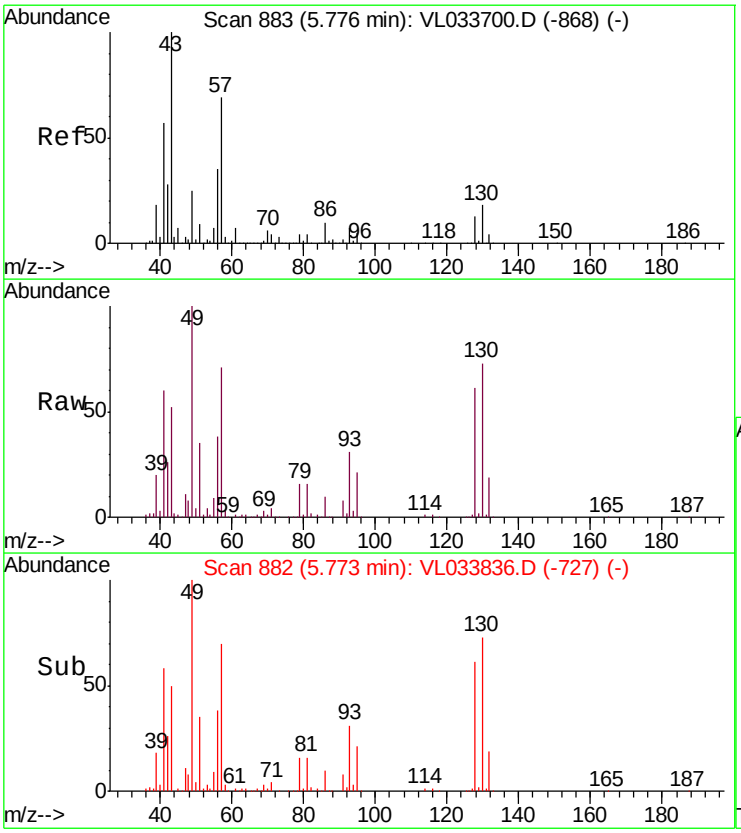
#25
Ethyl Acetate
Concen: 1.258 ppbv
RT: 5.77 min Scan# 881
Delta R.T. 0.01 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3010-25

Tgt Ion: 43 Resp: 256752

Ion	Ratio	Lower	Upper
43	100		
45	3.8	7.9	11.9#
61	2.7	7.7	11.5#
70	3.6	5.8	8.6#

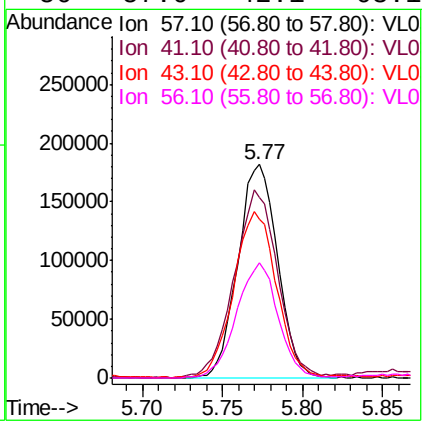


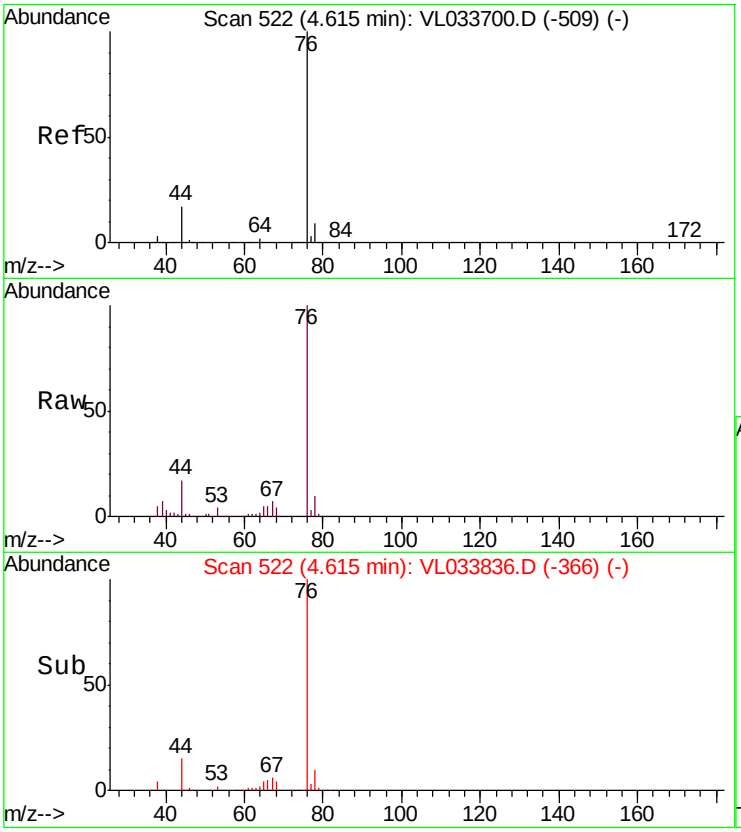


#26
Hexane
Concen: 3.494 ppbv
RT: 5.77 min Scan# 882
Delta R.T. -0.00 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Tgt Ion: 57 Resp: 306661

Ion	Ratio	Lower	Upper
57	100		
41	96.7	69.8	104.6
43	85.2	181.8	272.6#
56	57.0	42.1	63.1



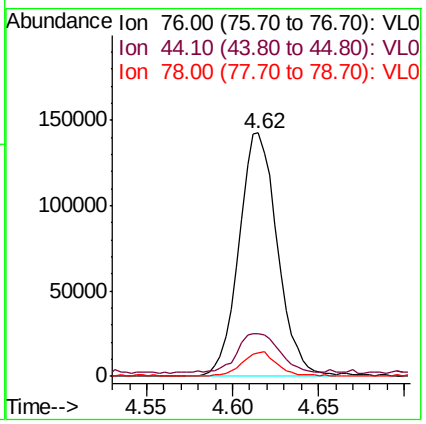


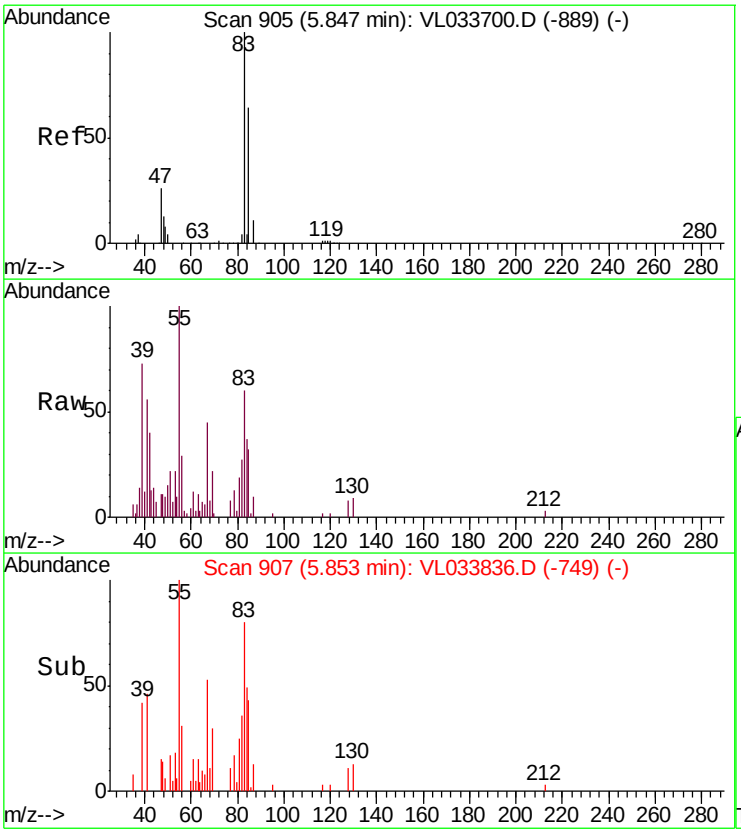
#27
Carbon Disulfide
Concen: 1.841 ppbv
RT: 4.62 min Scan# 522
Delta R.T. 0.00 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3010-25

Tgt Ion: 76 Resp: 221731

Ion	Ratio	Lower	Upper
76	100		
44	19.7	13.8	20.8
78	9.6	7.4	11.0

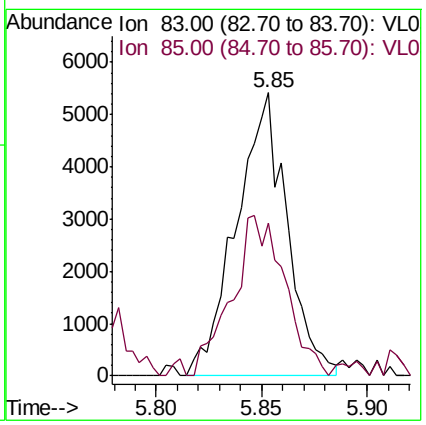


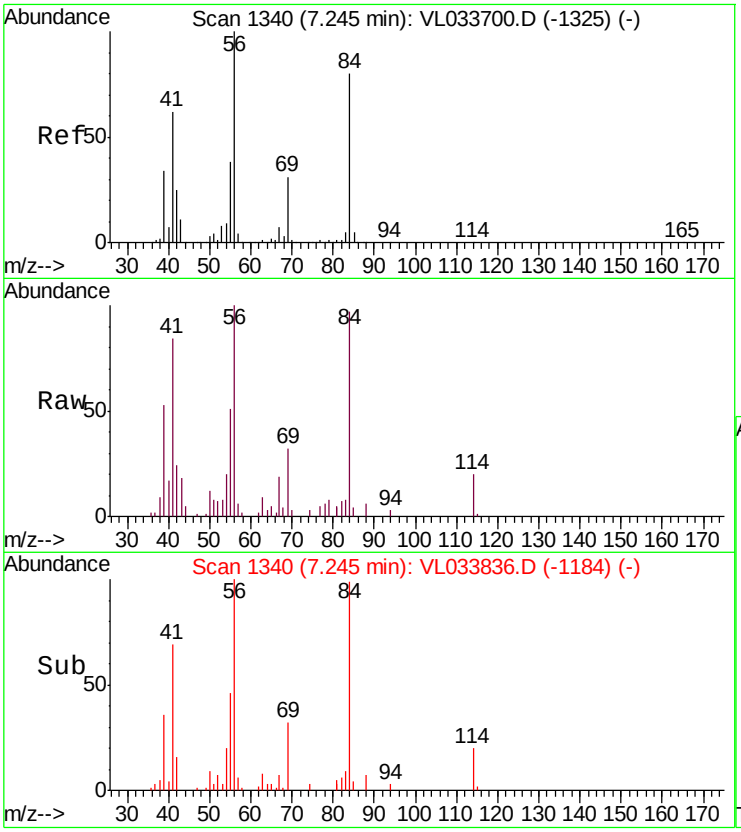


#29
Chloroform
Concen: 0.056 ppbv
RT: 5.85 min Scan# 907
Delta R.T. 0.01 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Tgt Ion: 83 Resp: 9038

Ion	Ratio	Lower	Upper
83	100		
85	53.9	51.5	77.3



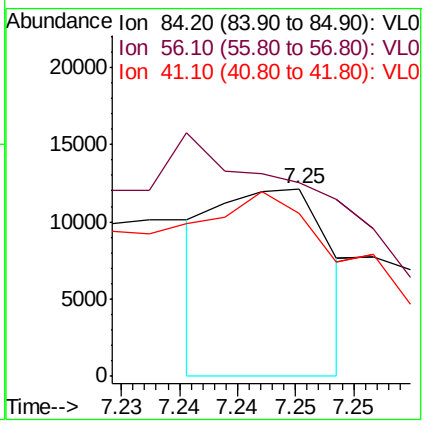


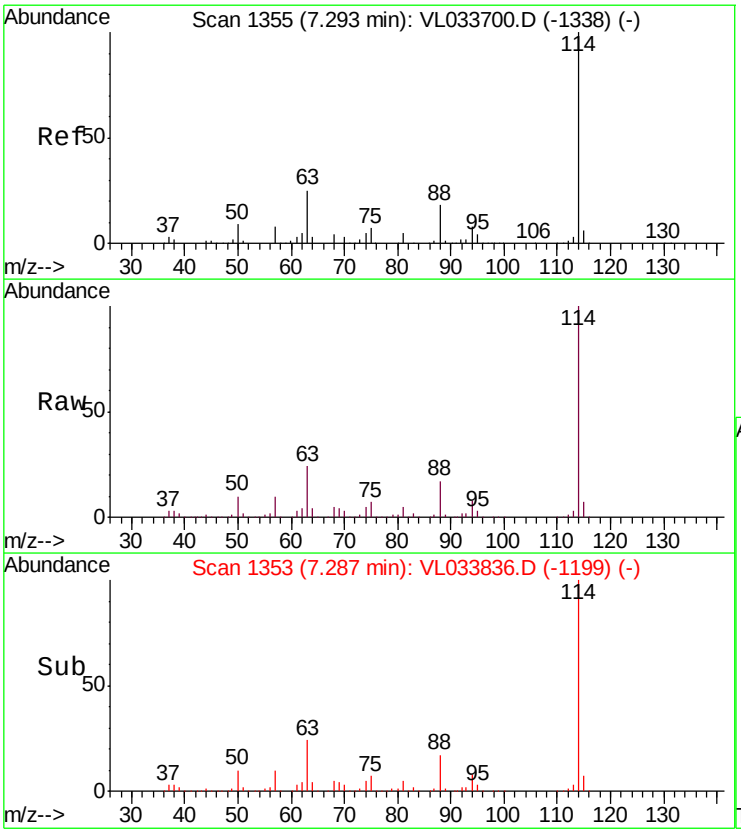
#30
Cyclohexane
Concen: 0.112 ppbv
RT: 7.25 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3010-25

Tgt Ion: 84 Resp: 8265

Ion	Ratio	Lower	Upper
84	100		
56	0.0	107.7	161.5#
41	331.0	66.0	99.0#

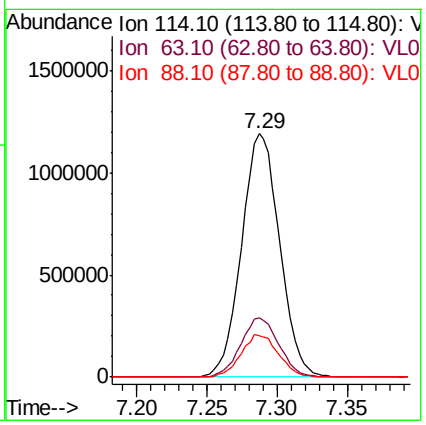


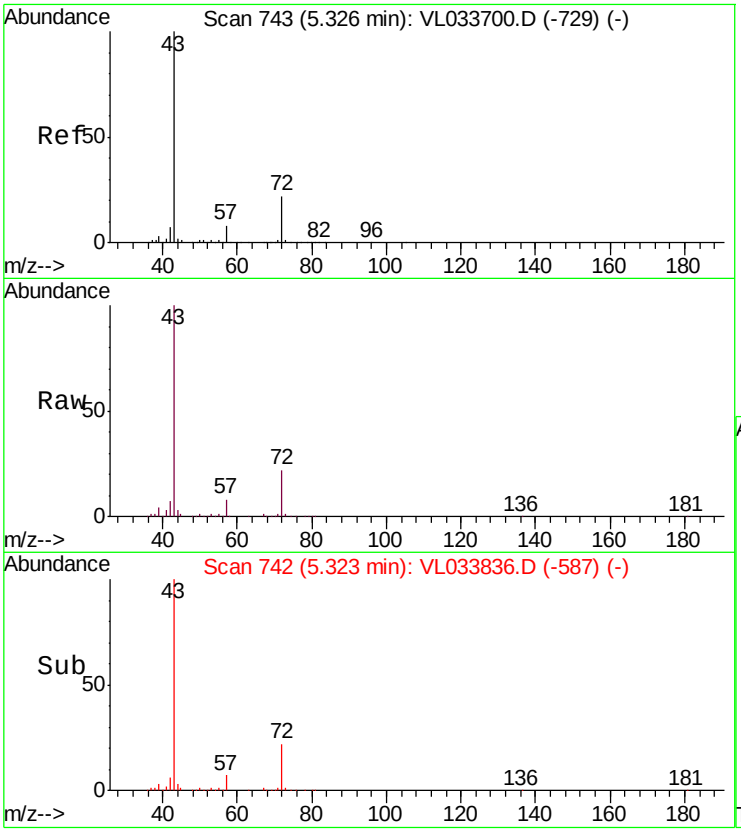


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Tgt Ion:114 Resp: 2249194

Ion	Ratio	Lower	Upper
114	100		
63	24.6	20.9	31.3
88	17.3	14.3	21.5



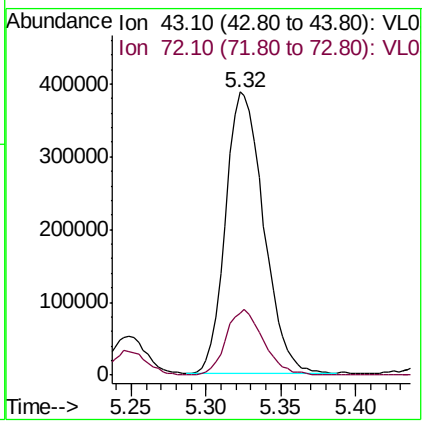


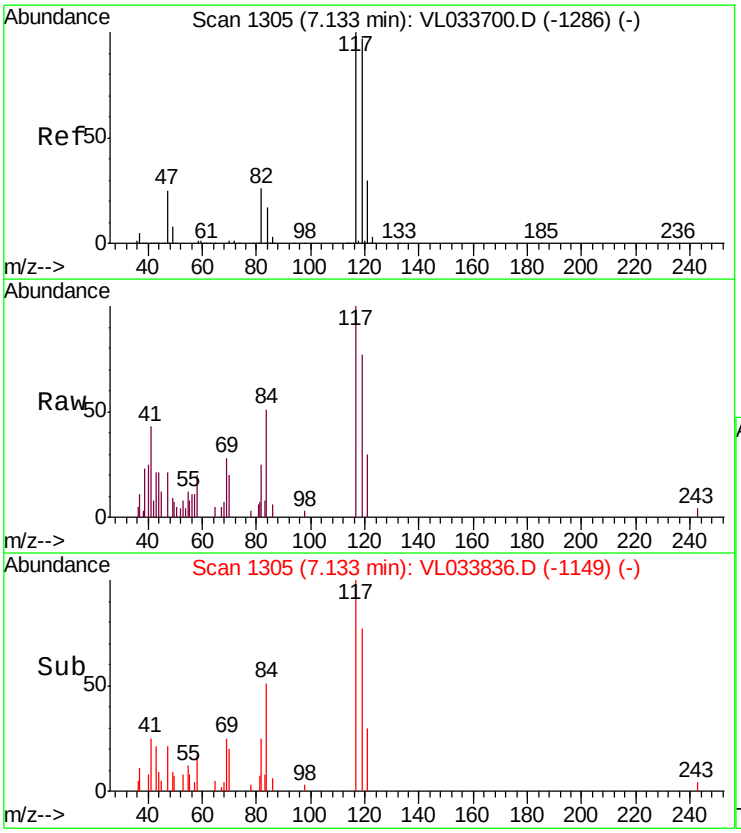
#34
2-Butanone
Concen: 4.937 ppbv
RT: 5.32 min Scan# 742
Delta R.T. -0.00 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3010-25

Tgt Ion: 43 Resp: 688326

Ion	Ratio	Lower	Upper
43	100		
72	22.6	17.8	26.6

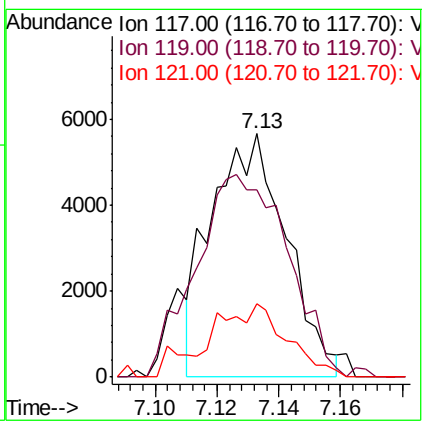


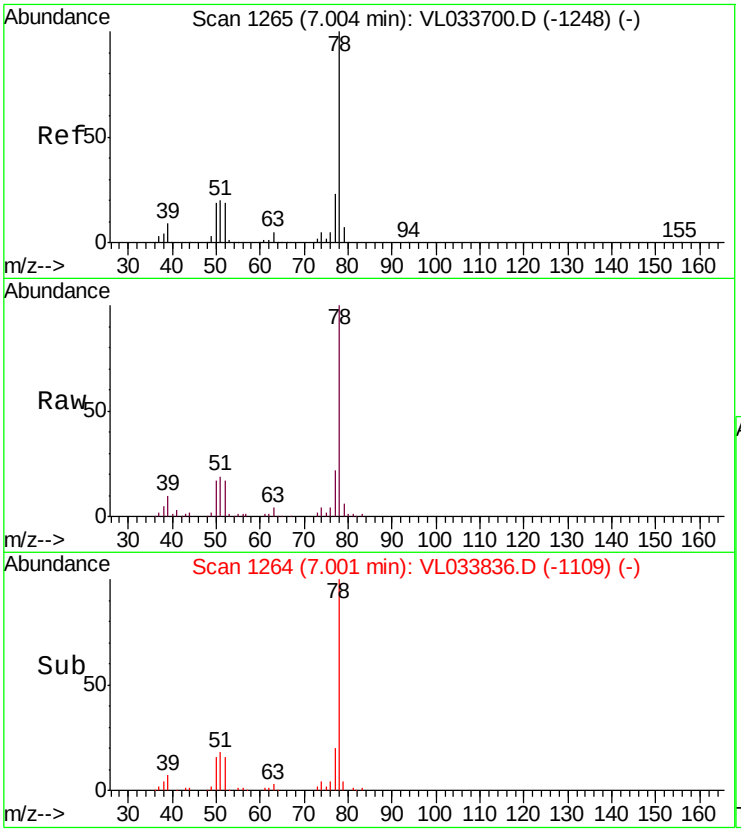


#35
Carbon Tetrachloride
Concen: 0.053 ppbv
RT: 7.13 min Scan# 1305
Delta R.T. 0.00 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Tgt Ion:117 Resp: 9531

Ion	Ratio	Lower	Upper
117	100		
119	80.8	77.2	115.8
121	30.3	24.1	36.1



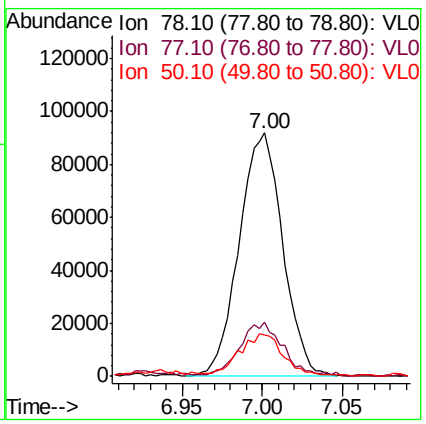


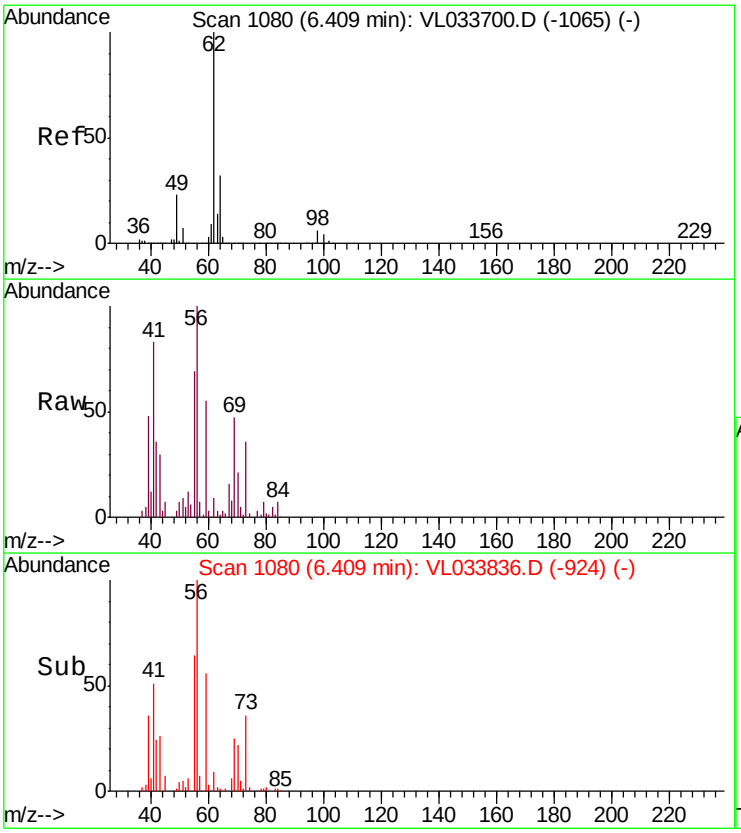
#36
Benzene
Concen: 0.835 ppbv
RT: 7.00 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3010-25

Tgt Ion: 78 Resp: 170751

Ion	Ratio	Lower	Upper
78	100		
77	21.0	18.4	27.6
50	16.6	15.5	23.3

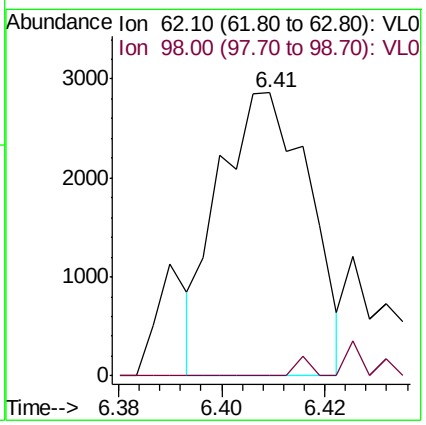


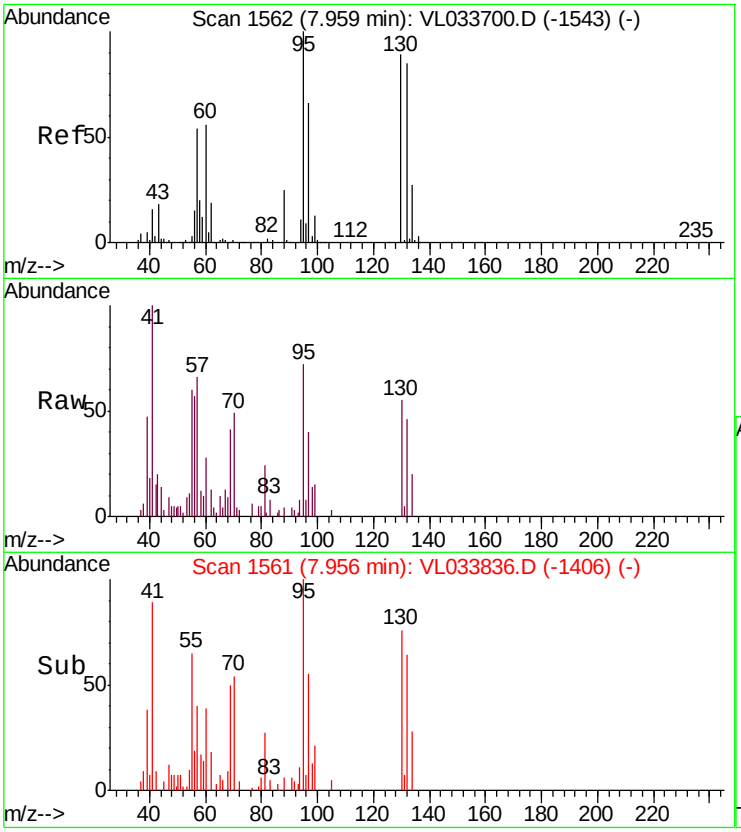


#37
1,2-Dichloroethane
Concen: 0.026 ppbv
RT: 6.41 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Tgt Ion: 62 Resp: 3467

Ion	Ratio	Lower	Upper
62	100		
98	0.0	4.5	6.7#



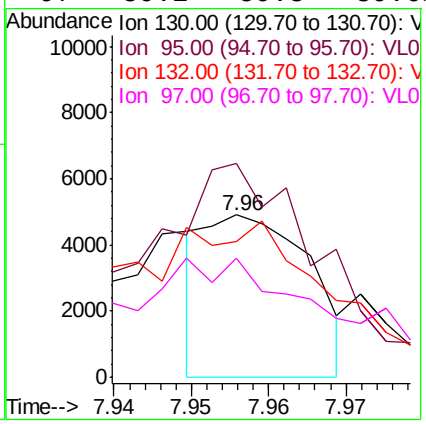


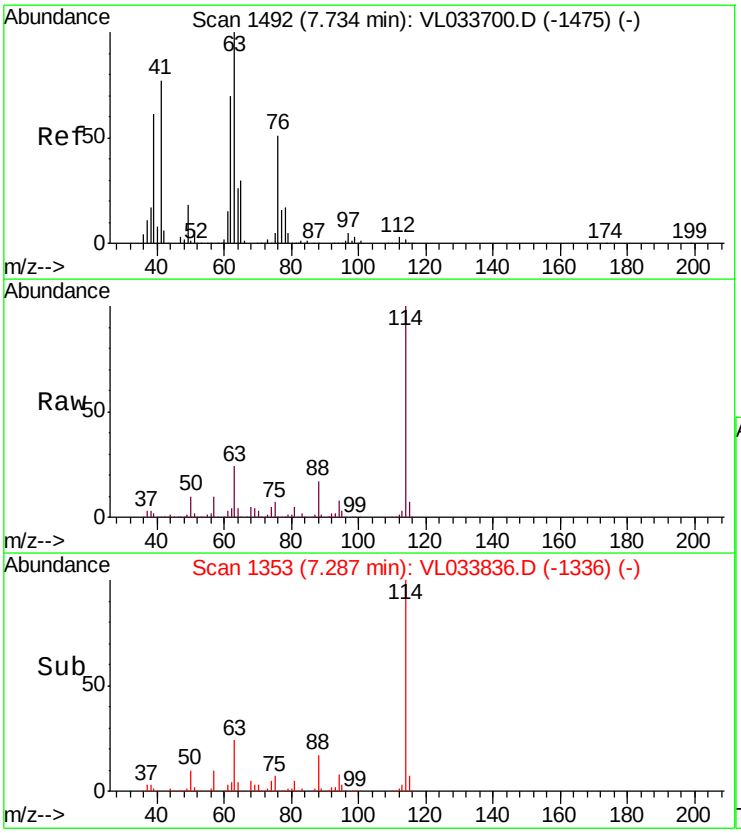
#38
Trichloroethene
Concen: 0.061 ppbv
RT: 7.96 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3010-25

Tgt Ion:130 Resp: 4594

Ion	Ratio	Lower	Upper
130	100		
95	84.7	90.2	135.4#
132	59.4	76.4	114.6#
97	59.2	59.8	89.6#

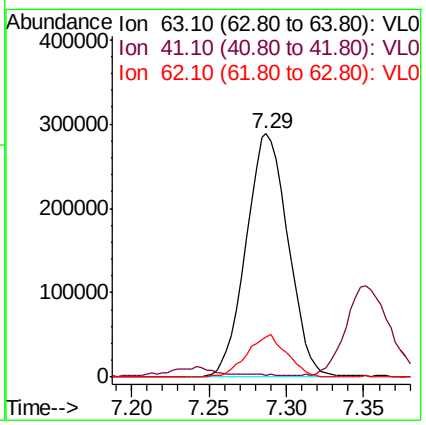


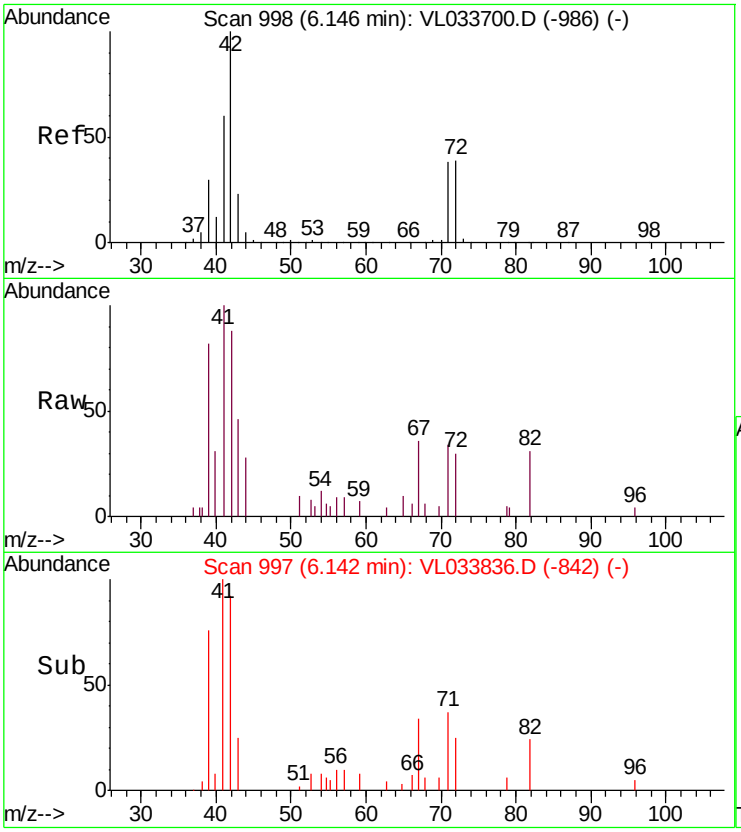


#39
1,2-Dichloropropane
Concen: 7.173 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.45 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Tgt Ion: 63 Resp: 547167

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.5	92.3#
62	16.3	56.2	84.4#



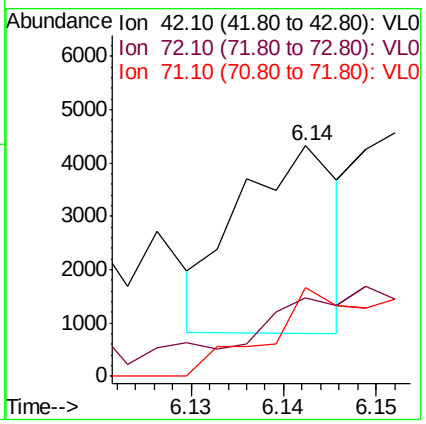


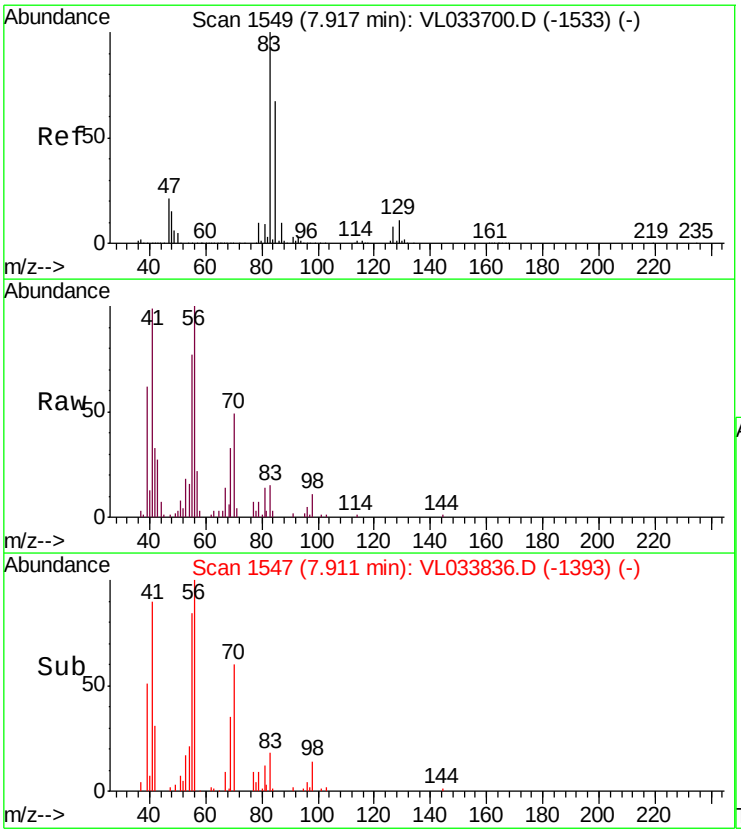
#41
Tetrahydrofuran
Concen: 0.033 ppbv
RT: 6.14 min Scan# 997
Delta R.T. -0.00 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3010-25

Tgt Ion: 42 Resp: 2616

Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.0	48.0#
71	0.0	30.4	45.6#

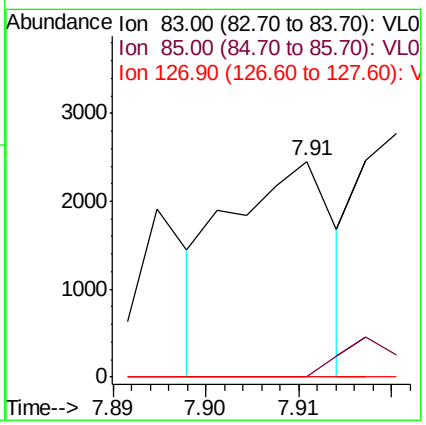


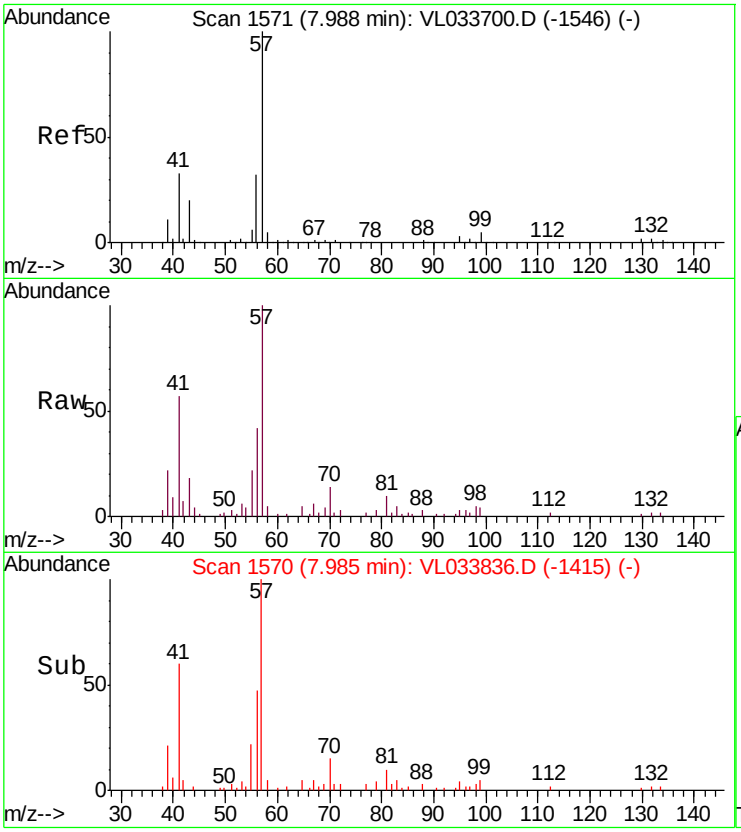


#42
Bromodichloromethane
Concen: 0.011 ppbv
RT: 7.91 min Scan# 1547
Delta R.T. -0.01 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Tgt Ion: 83 Resp: 1938

Ion	Ratio	Lower	Upper
83	100		
85	0.0	53.3	79.9#
127	0.0	6.5	9.7#



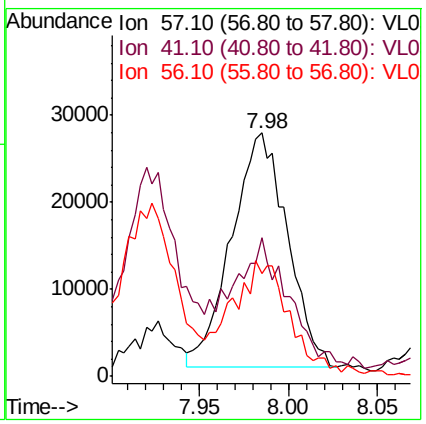


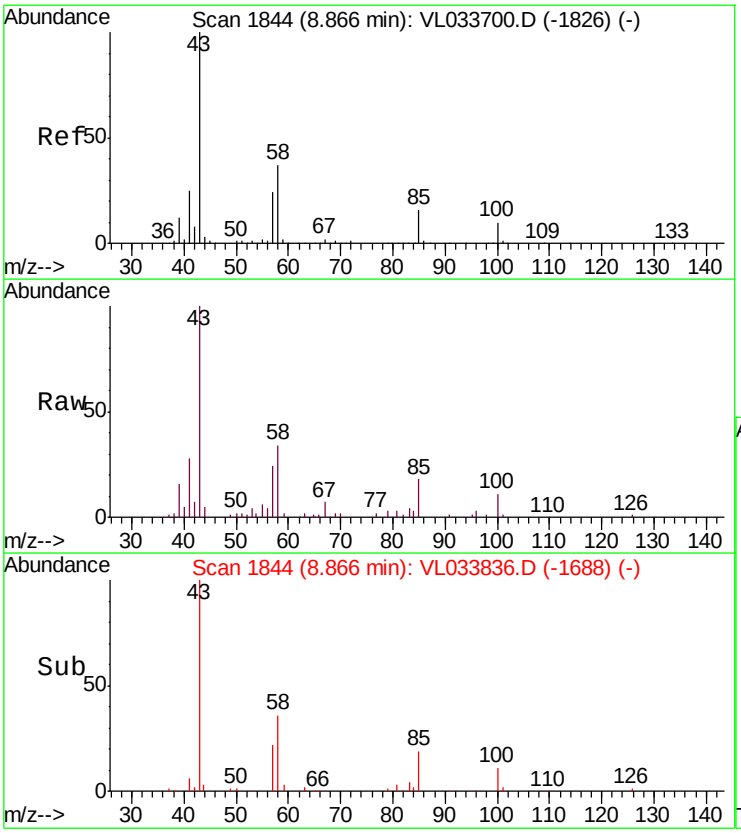
#44
2,2,4-Trimethylpentane
Concen: 0.170 ppbv
RT: 7.98 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3010-25

Tgt Ion: 57 Resp: 58781

Ion	Ratio	Lower	Upper
57	100		
41	62.5	25.4	38.0#
56	54.0	24.7	37.1#

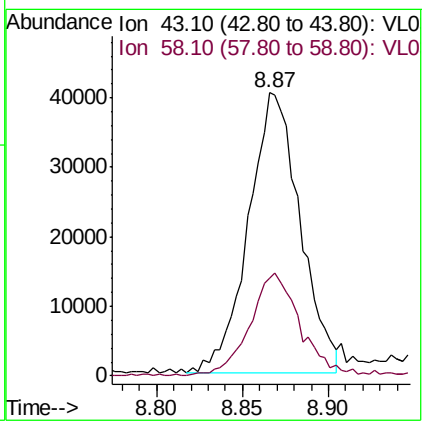


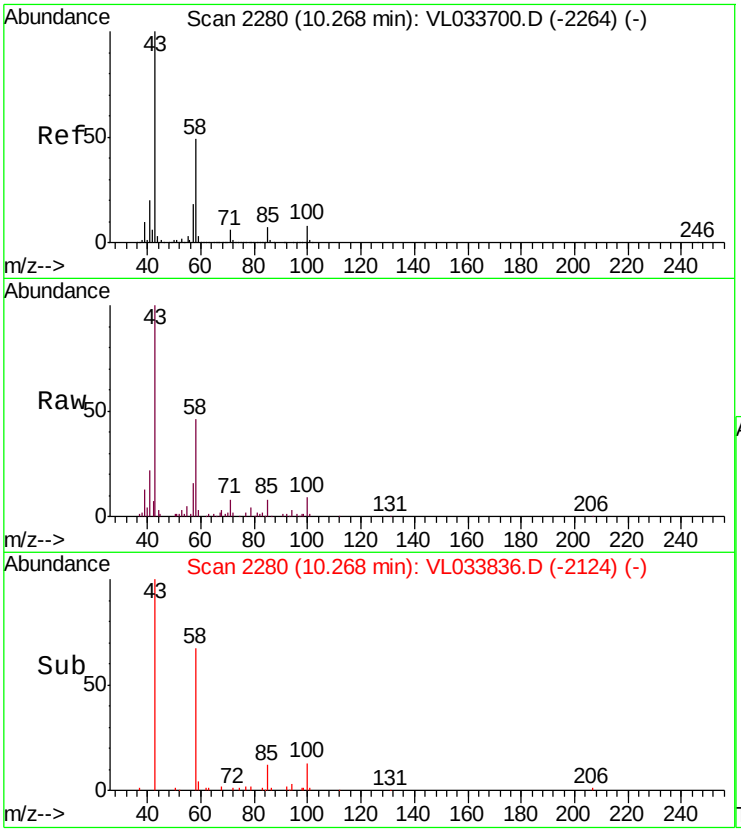


#50
4-Methyl-2-Pentanone
Concen: 0.394 ppbv
RT: 8.87 min Scan# 1844
Delta R.T. 0.00 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Tgt Ion: 43 Resp: 84467

Ion	Ratio	Lower	Upper
43	100		
58	34.5	28.6	43.0



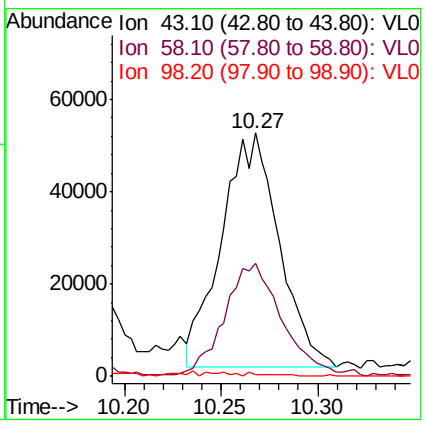


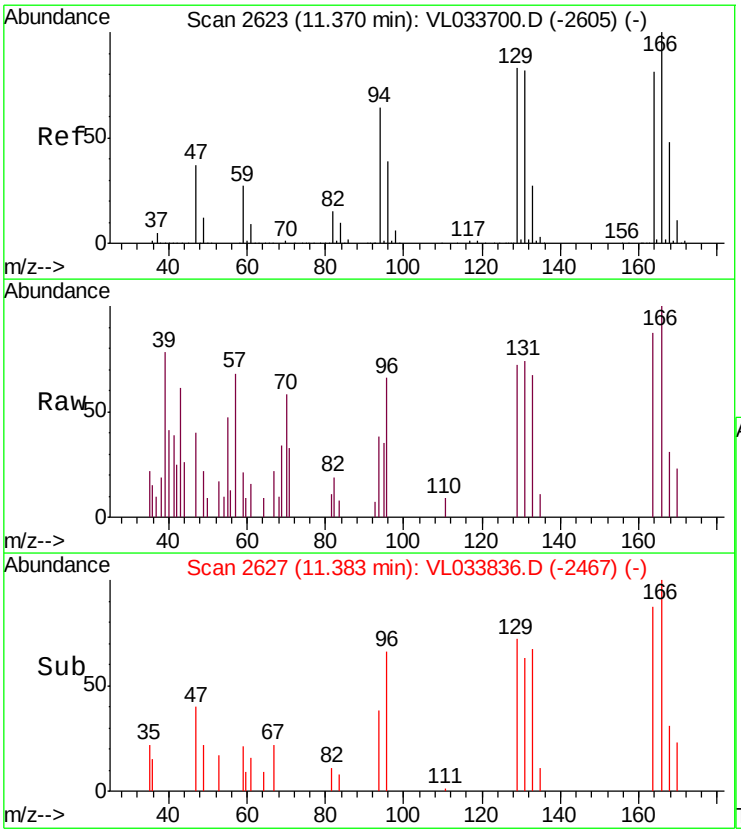
#51
2-Hexanone
Concen: 0.625 ppbv
RT: 10.27 min Scan# 2280
Delta R.T. 0.00 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3010-25

Tgt Ion: 43 Resp: 104546

Ion	Ratio	Lower	Upper
43	100		
58	49.7	38.7	58.1
98	2.2	0.2	0.4#

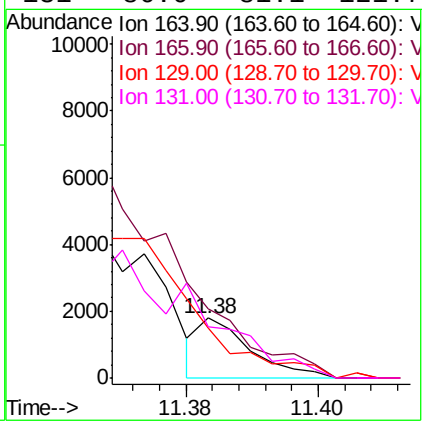


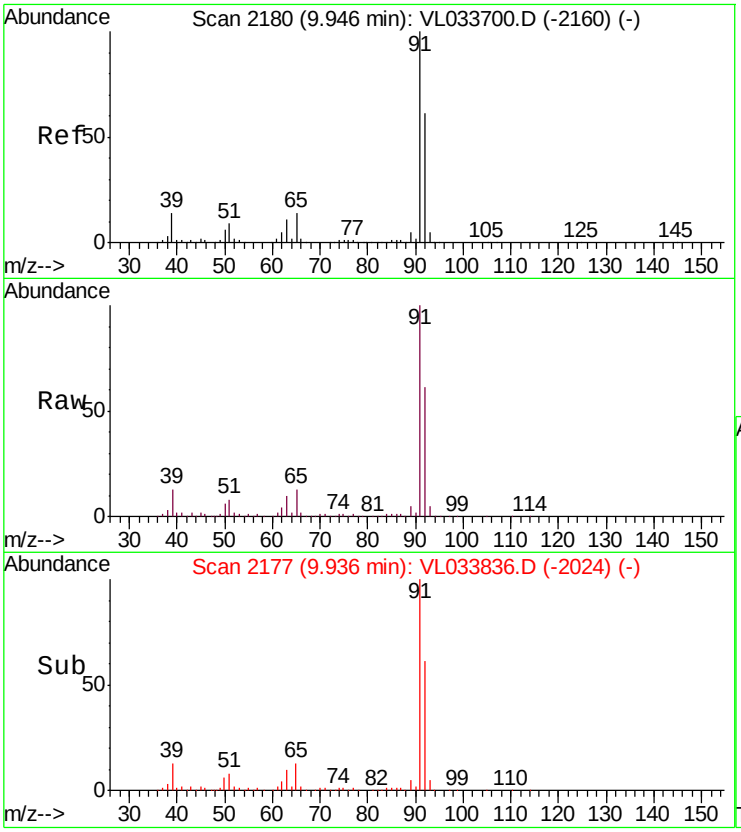


#52
Tetrachloroethene
Concen: 0.013 ppbv
RT: 11.38 min Scan# 2627
Delta R.T. 0.01 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Tgt Ion:164 Resp: 964

Ion	Ratio	Lower	Upper
164	100		
166	115.6	98.9	148.3
129	83.6	81.8	122.6
131	86.0	81.1	121.7



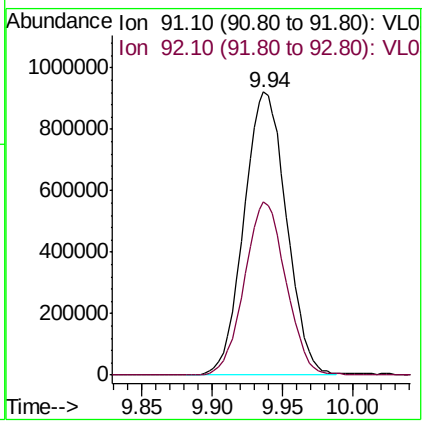


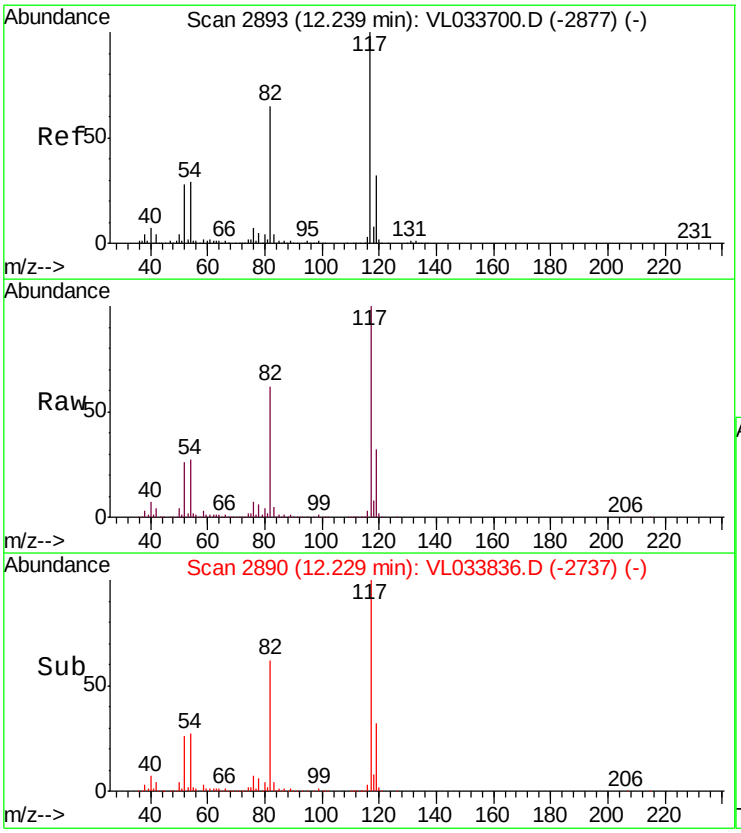
#53
Toluene
Concen: 8.811 ppbv
RT: 9.94 min Scan# 2177
Delta R.T. -0.01 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3010-25

Tgt Ion: 91 Resp: 1944451

Ion	Ratio	Lower	Upper
91	100		
92	59.9	47.6	71.4

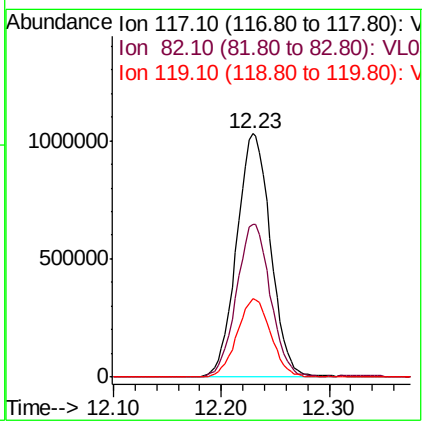


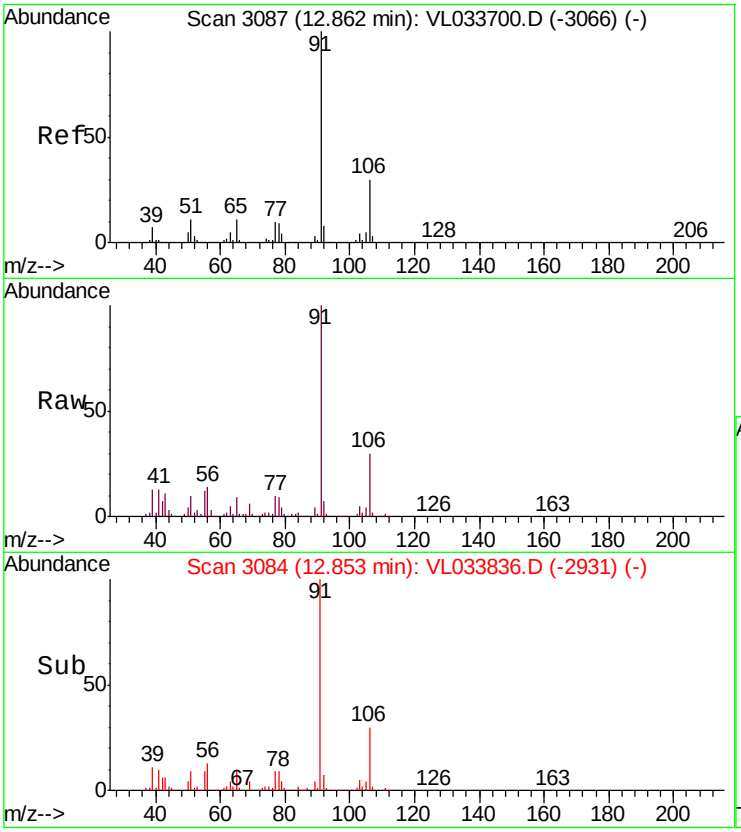


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2890
Delta R.T. -0.01 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Tgt Ion:117 Resp: 2255842

Ion	Ratio	Lower	Upper
117	100		
82	62.9	49.4	74.0
119	32.1	24.9	37.3



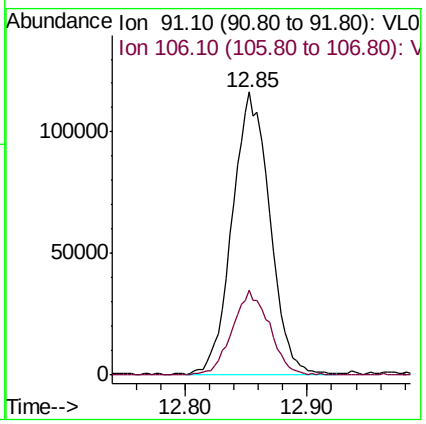


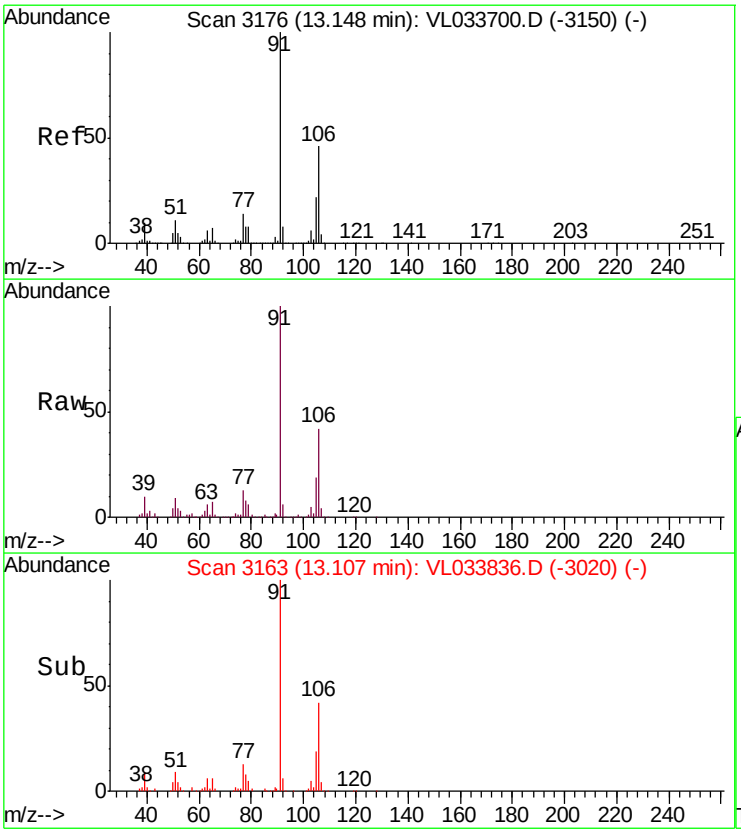
#58
Ethyl Benzene
Concen: 0.825 ppbv
RT: 12.85 min Scan# 3084
Delta R.T. -0.01 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3010-25

Tgt Ion: 91 Resp: 246365

Ion	Ratio	Lower	Upper
91	100		
106	30.3	23.9	35.9

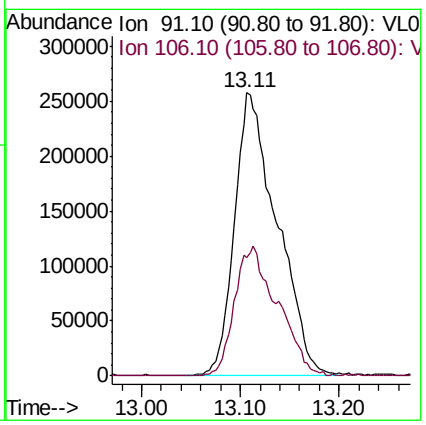


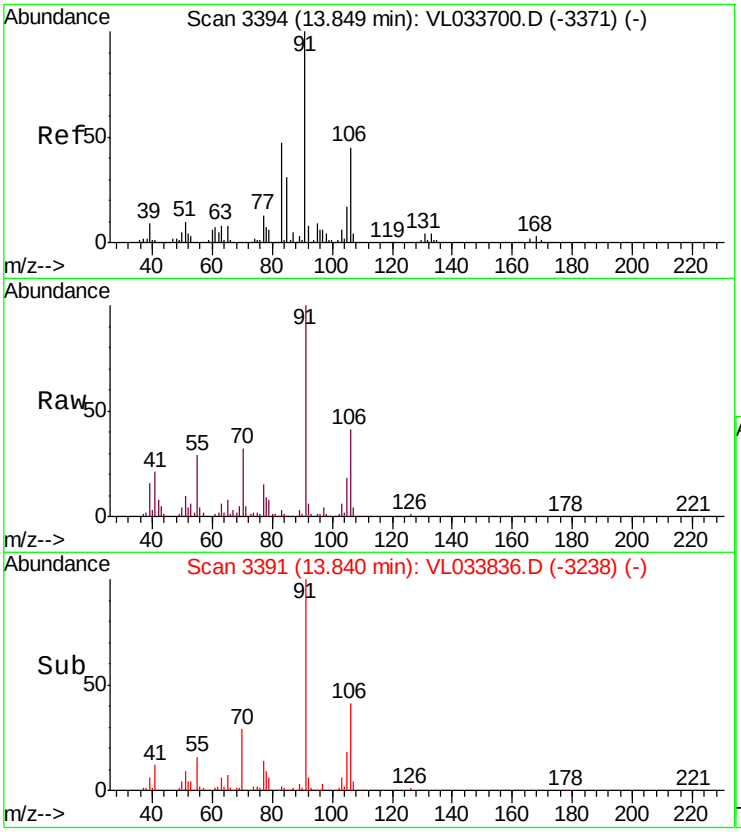


#59
m/p-Xylene
Concen: 2.943 ppbv
RT: 13.11 min Scan# 3163
Delta R.T. -0.04 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Tgt Ion: 91 Resp: 768432

Ion	Ratio	Lower	Upper
91	100		
106	46.2	35.8	53.6



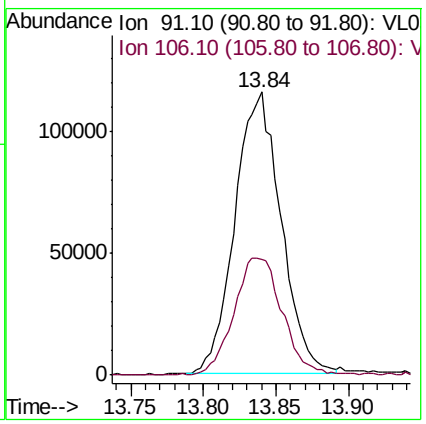


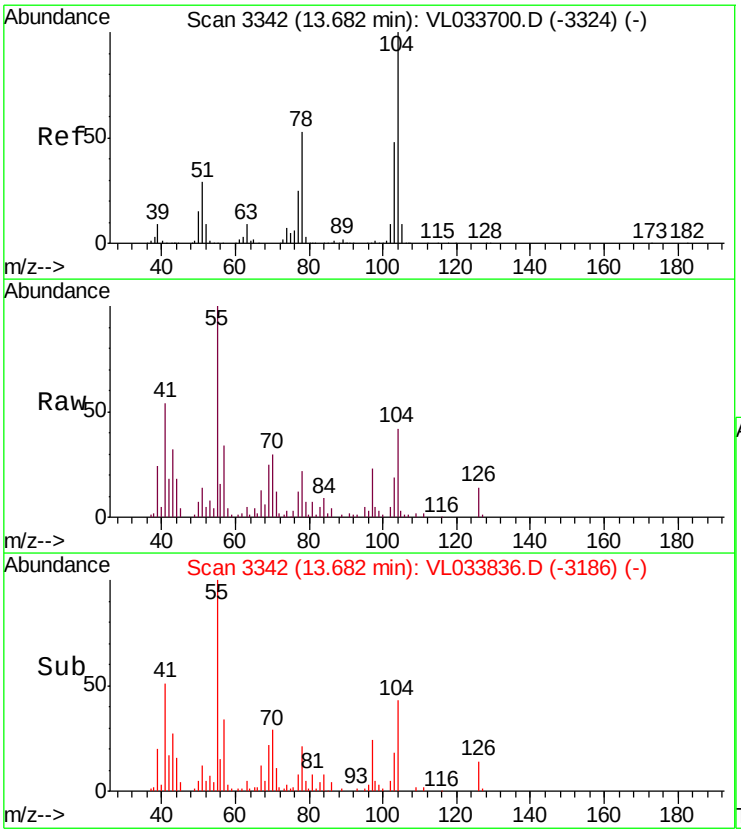
#60
o-Xylene
Concen: 0.970 ppbv
RT: 13.84 min Scan# 3391
Delta R.T. -0.01 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3010-25

Tgt Ion: 91 Resp: 255326

Ion	Ratio	Lower	Upper
91	100		
106	44.2	21.6	64.8

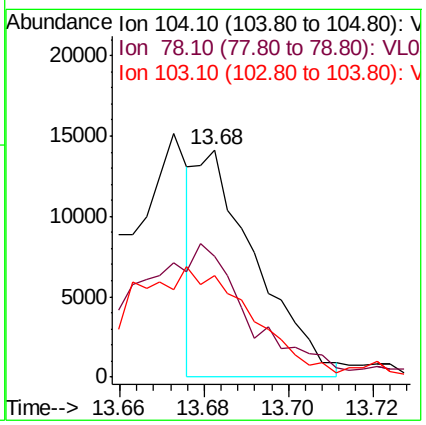


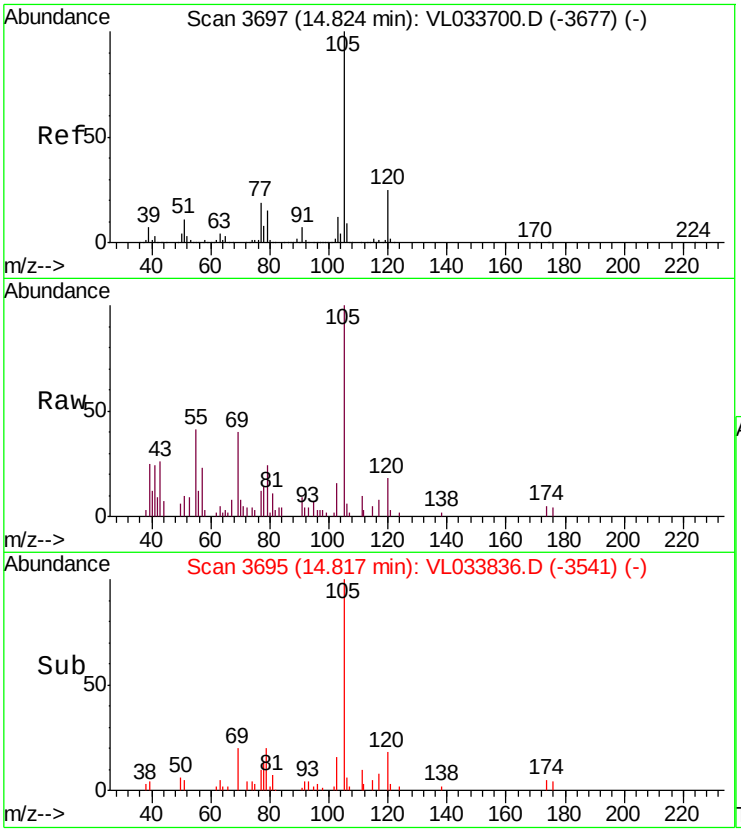


#61
Styrene
Concen: 0.079 ppbv
RT: 13.68 min Scan# 3342
Delta R.T. 0.00 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Tgt Ion:104 Resp: 13929

Ion	Ratio	Lower	Upper
104	100		
78	130.1	42.6	64.0#
103	111.3	37.8	56.6#



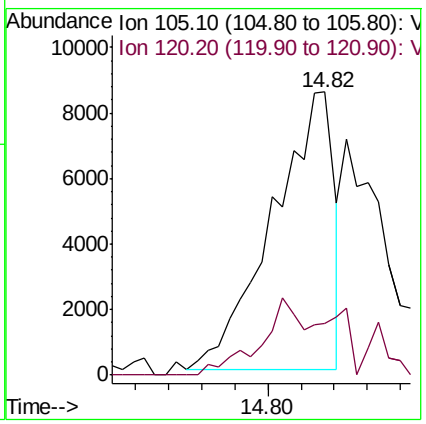


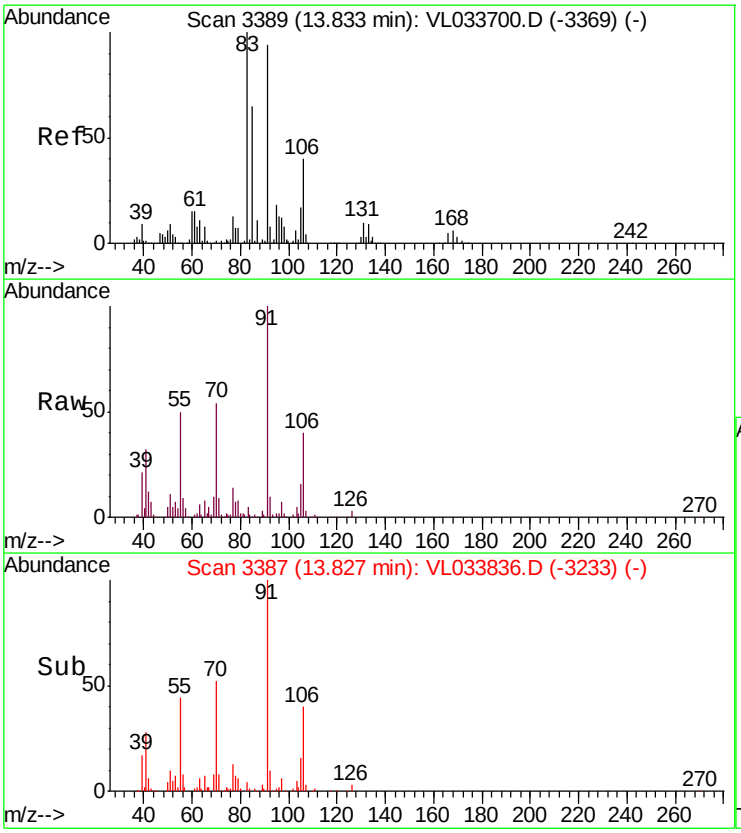
#62
Isopropylbenzene
Concen: 0.031 ppbv
RT: 14.82 min Scan# 3695
Delta R.T. -0.01 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3010-25

Tgt Ion:105 Resp: 10955

Ion	Ratio	Lower	Upper
105	100		
120	37.5	20.1	30.1#

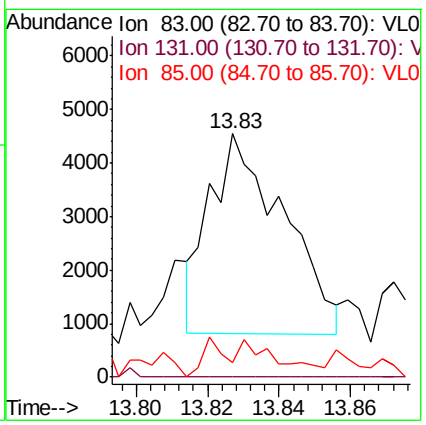


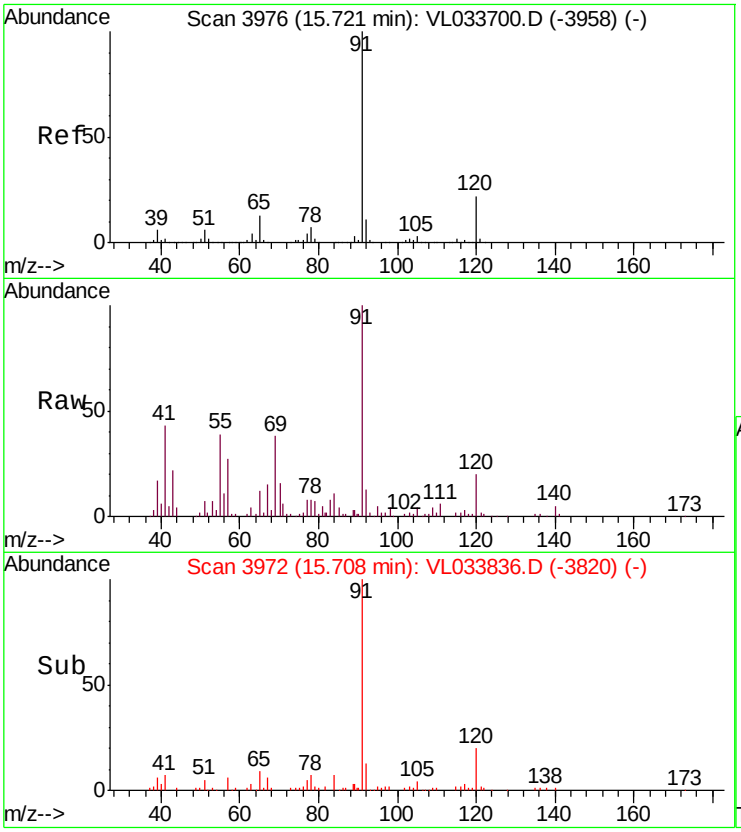


#63
1,1,2,2-Tetrachloroethane
Concen: 0.028 ppbv
RT: 13.83 min Scan# 3387
Delta R.T. -0.01 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Tgt Ion: 83 Resp: 5384

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.8	14.3#
85	25.4	32.3	96.9#



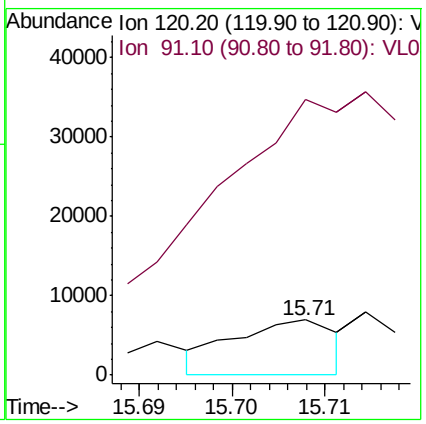


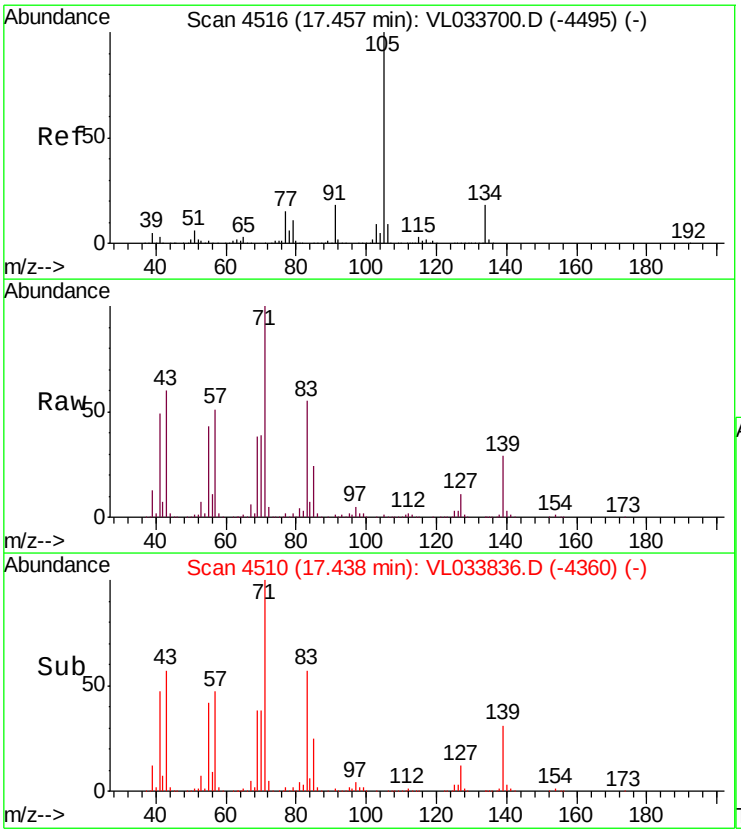
#64
n-propylbenzene
Concen: 0.058 ppbv
RT: 15.71 min Scan# 3972
Delta R.T. -0.01 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3010-25

Tgt Ion:120 Resp: 5338

Ion	Ratio	Lower	Upper
120	100		
91	0.0	379.1	568.7#

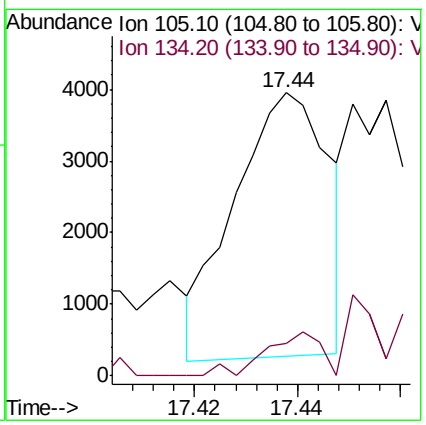


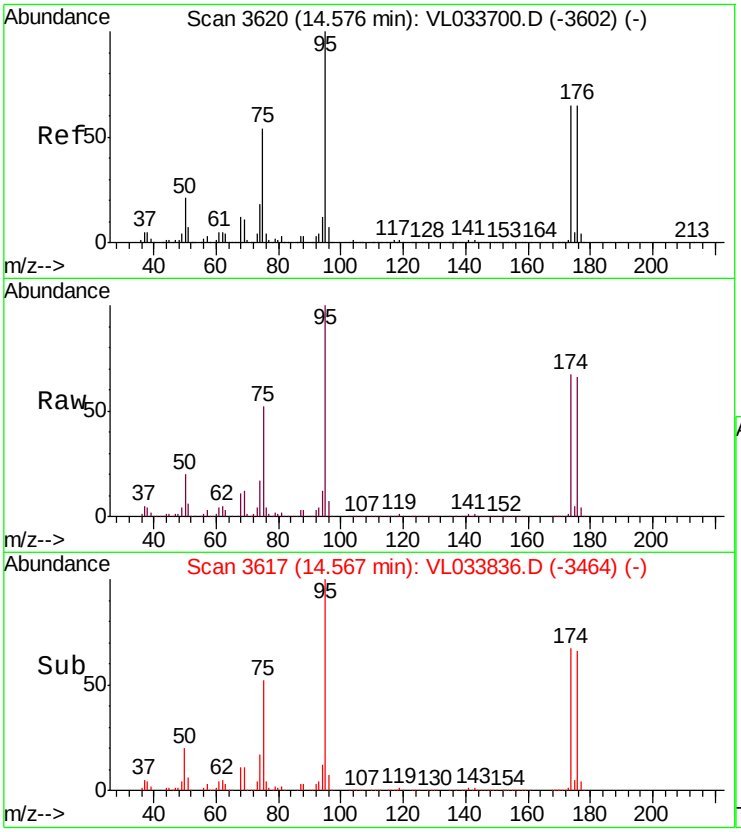


#67
sec-Butylbenzene
Concen: 0.010 ppbv
RT: 17.44 min Scan# 4510
Delta R.T. -0.02 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Tgt Ion:105 Resp: 4687

Ion	Ratio	Lower	Upper
105	100		
134	0.0	14.6	22.0#



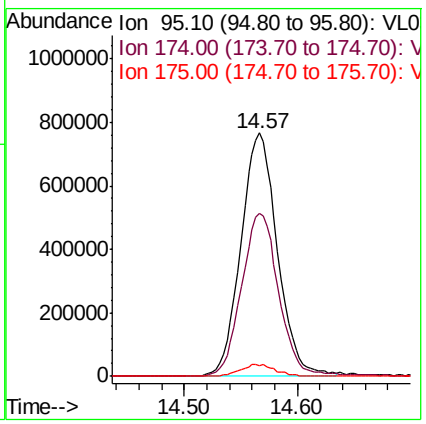


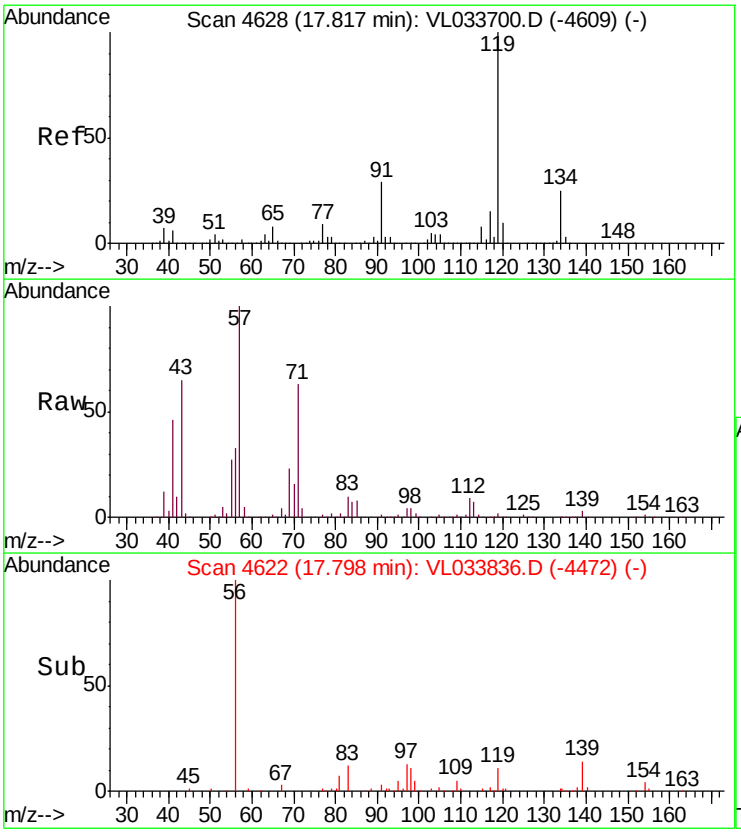
#68
1-Bromo-4-Fluorobenzene
Concen: 9.401 ppbv
RT: 14.57 min Scan# 3617
Delta R.T. -0.01 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3010-25

Tgt Ion: 95 Resp: 1719167

Ion	Ratio	Lower	Upper
95	100		
174	68.6	53.9	80.9
175	4.9	3.8	5.8

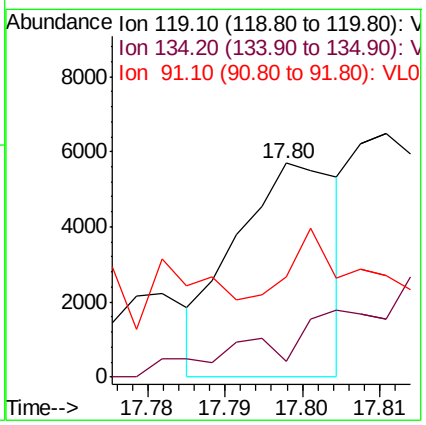


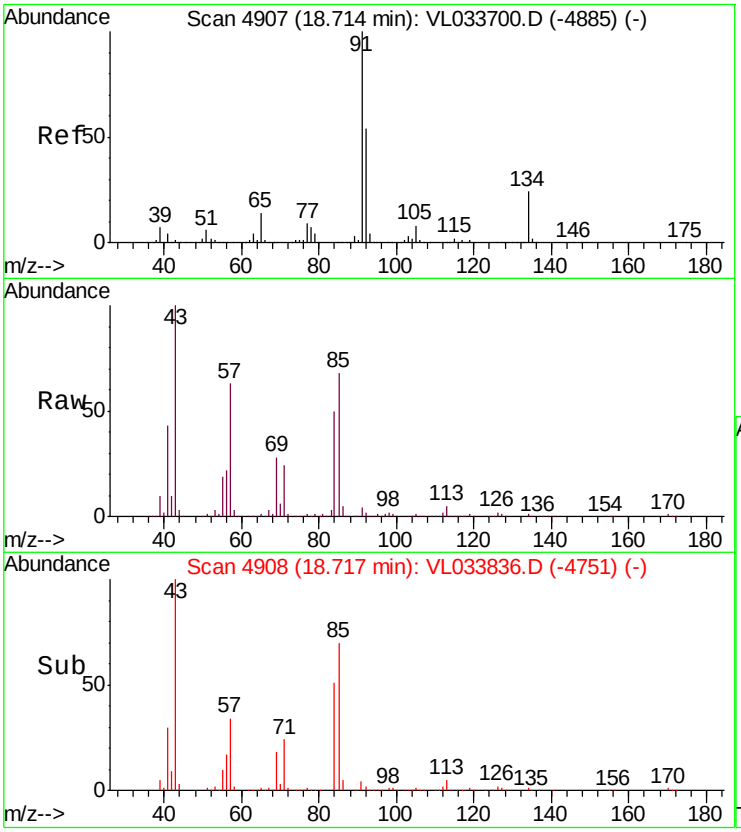


#69
p-Isopropyltoluene
Concen: 0.014 ppbv
RT: 17.80 min Scan# 4622
Delta R.T. -0.02 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Tgt Ion:119 Resp: 5286

Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.3	30.5#
91	0.0	23.1	34.7#



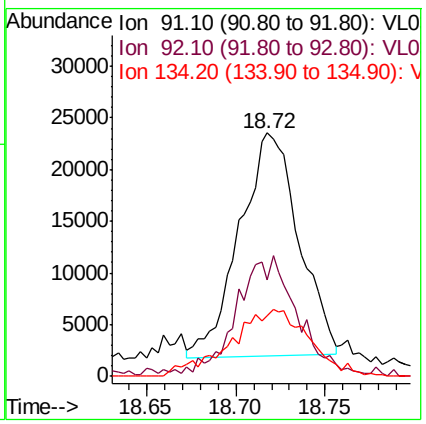


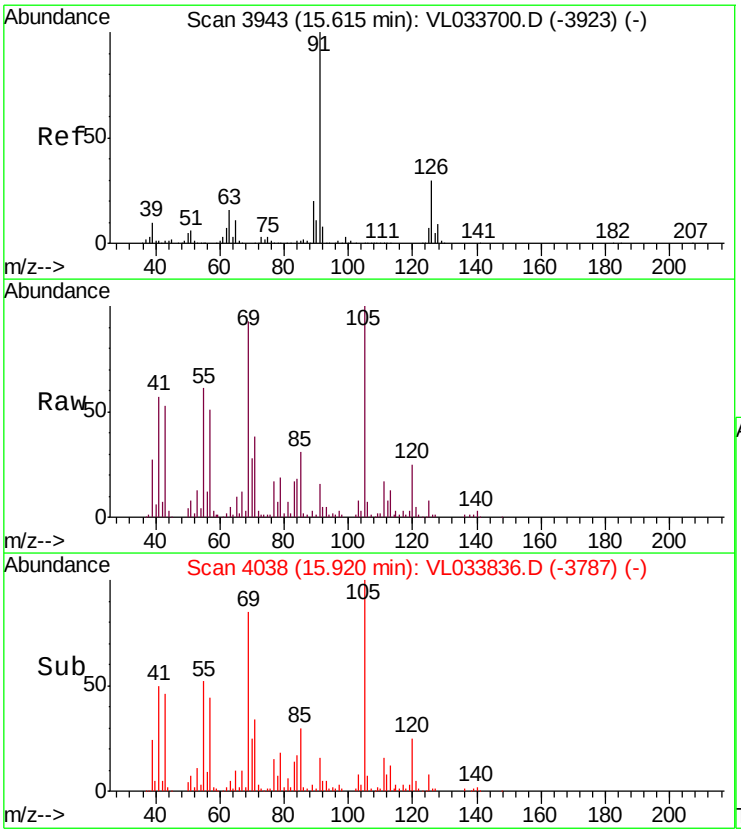
#70
n-Butylbenzene
Concen: 0.125 ppbv
RT: 18.72 min Scan# 4908
Delta R.T. 0.00 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3010-25

Tgt Ion: 91 Resp: 50101

Ion	Ratio	Lower	Upper
91	100		
92	57.3	42.6	63.8
134	39.7	18.1	27.1#

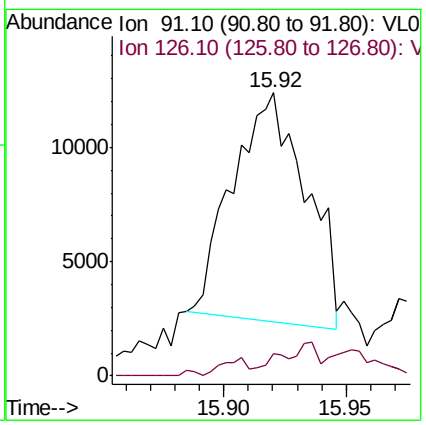


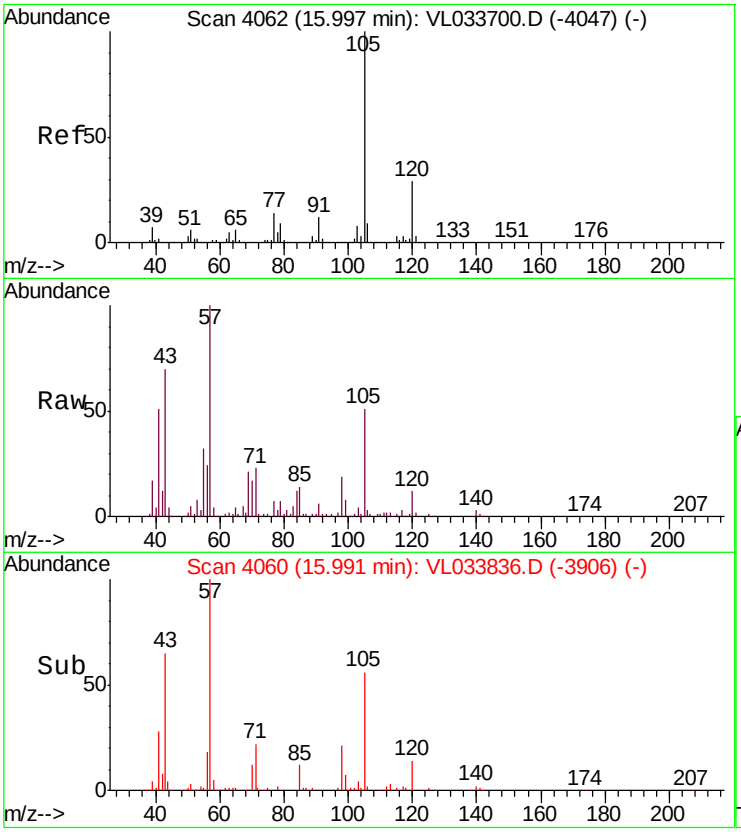


#71
2-Chlorotoluene
Concen: 0.079 ppbv
RT: 15.92 min Scan# 4038
Delta R.T. 0.31 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Tgt Ion: 91 Resp: 20727

Ion	Ratio	Lower	Upper
91	100		
126	18.3	12.0	47.8



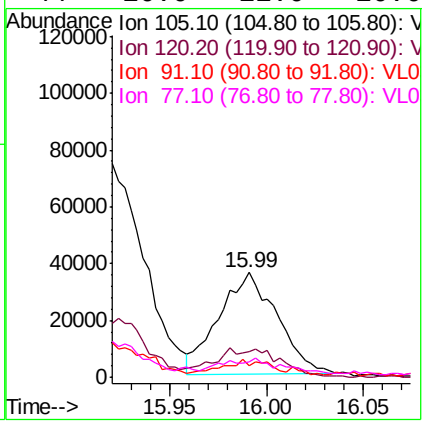


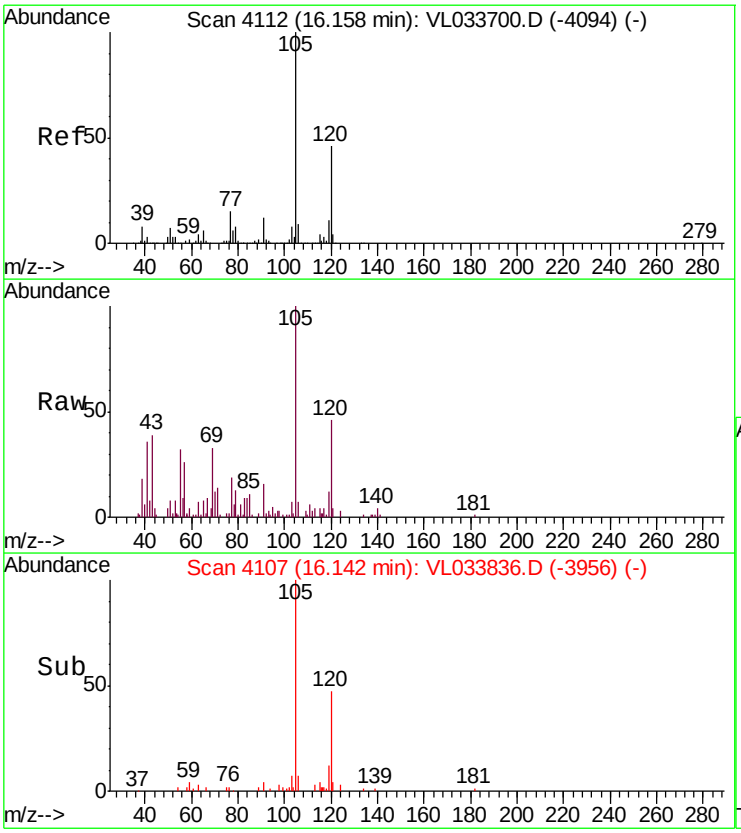
#72
4-Ethyltoluene
Concen: 0.251 ppbv
RT: 15.99 min Scan# 4060
Delta R.T. -0.01 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3010-25

Tgt Ion:105 Resp: 75557

Ion	Ratio	Lower	Upper
105	100		
120	32.0	23.1	34.7
91	18.7	10.4	15.6#
77	16.0	11.0	16.6

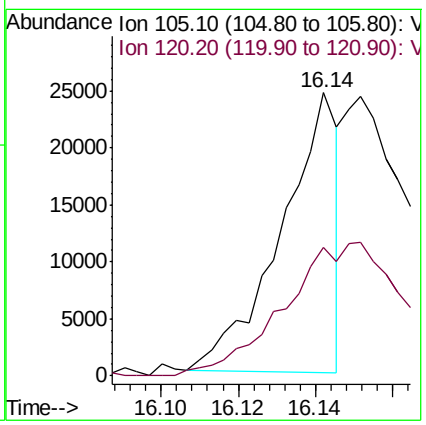


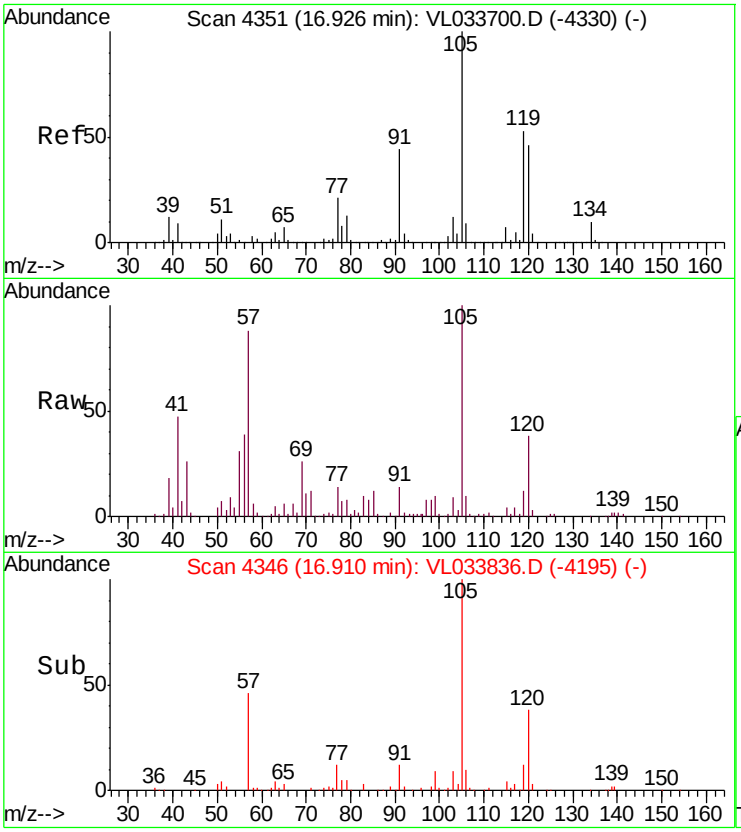


#73
1,3,5-Trimethylbenzene
Concen: 0.085 ppbv
RT: 16.14 min Scan# 4107
Delta R.T. -0.02 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Tgt Ion:105 Resp: 24887

Ion	Ratio	Lower	Upper
105	100		
120	48.5	37.0	55.4



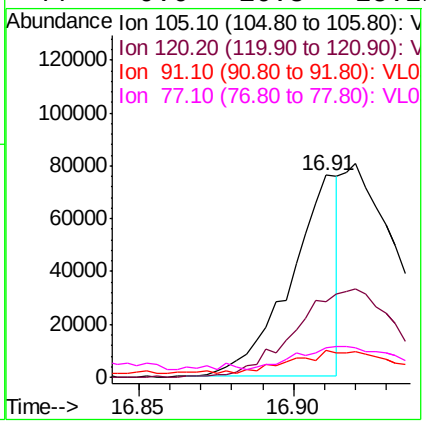


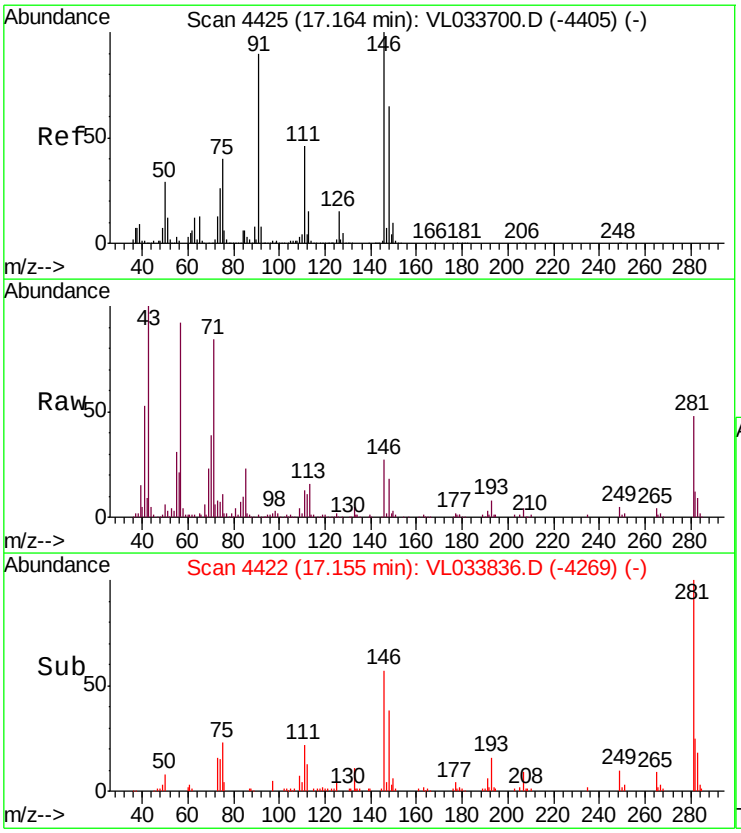
#74
1,2,4-Trimethylbenzene
Concen: 0.254 ppbv
RT: 16.91 min Scan# 4346
Delta R.T. -0.02 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3010-25

Tgt Ion:105 Resp: 81122

Ion	Ratio	Lower	Upper
105	100		
120	37.2	36.8	55.2
91	11.1	35.4	53.0#
77	9.6	16.8	25.2#

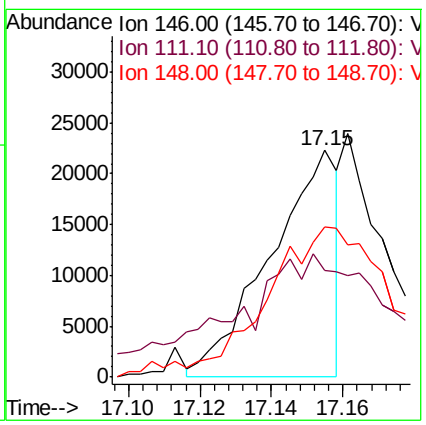


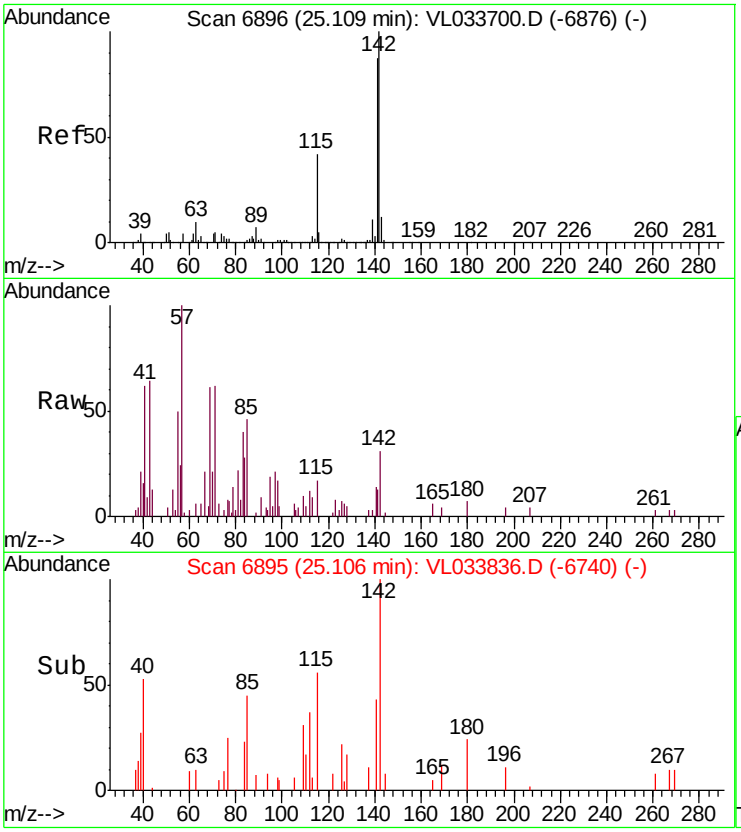


#75
1,3-Dichlorobenzene
Concen: 0.149 ppbv
RT: 17.15 min Scan# 4422
Delta R.T. -0.01 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Tgt Ion:146 Resp: 29140

Ion	Ratio	Lower	Upper
146	100		
111	120.9	22.9	68.8#
148	124.5	32.0	96.2#





#80
Naphthalene,2-methyl-
Concen: 0.030 ppbv
RT: 25.11 min Scan# 6895
Delta R.T. -0.00 min
Lab File: VL033836.D
Acq: 29 May 2019 13:31

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3010-25

Tgt Ion:142 Resp: 3331

Ion	Ratio	Lower	Upper
142	100		
141	89.3	67.2	100.8
115	70.6	34.1	51.1#