Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052319\

Quantitation Report (Not Reviewed)

Data File : VL033791.D
Acq On : 24 May 2019 2:44
Operator : SY/AP
Sample : K2929-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3009-55

Quant Time: May 24 04:32:35 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	5.77	49	873973	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.29	114	2310228	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.24	117	2376762	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.57	95	1865440	9.68	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.80%				
Target Compounds							Qvalue
3) Chlorodifluoromethane	3.01	51	67184	0.671	ppbv	#	83
4) Chloromethane	3.17	50	10576	0.185	ppbv		89
6) Bromomethane	3.52	94	512	0.014	ppbv		81
7) Chloroethane	3.60	64	519	0.025	ppbv	#	41
9) Propene	3.03	41	3022179	70.975	ppbv		93
10) Heptane	8.24	43	1000032	8.294	ppbv		99
11) Trichlorofluoromethane	4.00	101	144000	0.819	ppbv		95
12) 1,1,2-Trichlorotrifluoroet	4.55	101	9137	0.074	ppbv		94
13) Ethanol	3.65	45	486878	35.377	ppbv		99
15) Acetone	3.90	43	11677461	96.302	ppbv	#	83
16) 1,3-Butadiene	3.34	39	1970169	40.800	ppbv	#	28
17) tert-Butyl alcohol	4.36	59	296461	3.023	ppbv		96
19) Isopropyl Alcohol	4.03	45	153969	1.969	ppbv	#	94
20) Methylene Chloride	4.41	84	44393	0.951	ppbv	#	91
21) Allyl Chloride	4.47	41	59162	0.782	ppbv	#	1
23) Vinyl Acetate	5.14	43	288765	1.806	ppbv	#	1
24) 1,1-Dichloroethane	5.13	63	13582	0.112	ppbv	#	90
25) Ethyl Acetate	5.77	43	1220996	5.732	ppbv	#	95
26) Hexane	5.78	57	808081	8.824	ppbv	#	69
27) Carbon Disulfide	4.62	76	675694	5.378	ppbv		100
28) Methyl tert-Butyl Ether	5.11	73	2190	0.015	ppbv	#	54
29) Chloroform	5.85	83	194420	1.153	ppbv		96
30) Cyclohexane	7.24	84	114027	1.481	ppbv	#	88
31) cis-1,2-Dichloroethene	5.76	61	88333	0.973	ppbv	#	27
34) 2-Butanone	5.33	43	1720800	12.017	ppbv		98
35) Carbon Tetrachloride	7.13	117	2641	0.014	ppbv	#	60
36) Benzene	7.00	78	1060972	5.049	ppbv		96
37) 1,2-Dichloroethane	6.41	62	1437	0.011	ppbv	#	66
39) 1,2-Dichloropropane	7.29	63	546946	6.981	ppbv	#	23
41) Tetrahydrofuran	6.14	42	7439	0.093	ppbv	#	36
42) Bromodichloromethane	7.92	83	7878	0.042	ppbv	#	25
44) 2,2,4-Trimethylpentane	7.99	57	409339	1.153	ppbv	#	69
50) 4-Methyl-2-Pentanone	8.87	43	308558	1.401	ppbv		97
51) 2-Hexanone	10.26	43	259997	1.512	ppbv	#	77
52) Tetrachloroethene	11.37	164	14380	0.195	ppbv		94
53) Toluene	9.94	91	9141111	40.329	ppbv		97
58) Ethyl Benzene	12.86	91	1879894	5.973	ppbv		100
59) m/p-Xylene	13.12	91	5569342	20.242	ppbv		95
60) o-Xylene	13.84	91	1851880	6.677	ppbv		98
61) Styrene	13.68	104	53021	0.284	ppbv		96
62) Isopropylbenzene	14.82	105	110872	0.297	ppbv		99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052319\

Quantitation Report (Not Reviewed)

Data File : VL033791.D
Acq On : 24 May 2019 2:44
Operator : SY/AP
Sample : K2929-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3009-55

Quant Time: May 24 04:32:35 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	88092	0.912	ppbv		98
65) tert-Butylbenzene	16.92	119	112482	0.330	ppbv	#	74
66) Benzyl Chloride	17.12	91	1757	0.011	ppbv	#	1
67) sec-Butylbenzene	17.46	105	15433	0.032	ppbv	#	75
69) p-Isopropyltoluene	17.81	119	9583	0.024	ppbv	#	41
70) n-Butylbenzene	18.71	91	17424	0.041	ppbv	#	33
71) 2-Chlorotoluene	15.47	91	37031	0.134	ppbv		87
72) 4-Ethyltoluene	15.99	105	451075	1.422	ppbv		99
73) 1,3,5-Trimethylbenzene	16.15	105	283617	0.917	ppbv		100
74) 1,2,4-Trimethylbenzene	16.92	105	1006809	2.990	ppbv	#	75
75) 1,3-Dichlorobenzene	17.15	146	12271	0.059	ppbv	#	23
76) 1,4-Dichlorobenzene	17.30	146	24727	0.126	ppbv		83
79) Naphthalene	22.41	128	12998	0.042	ppbv	#	79
80) Naphthalene,2-methyl-	25.43	142	2113	0.018	ppbv		86

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

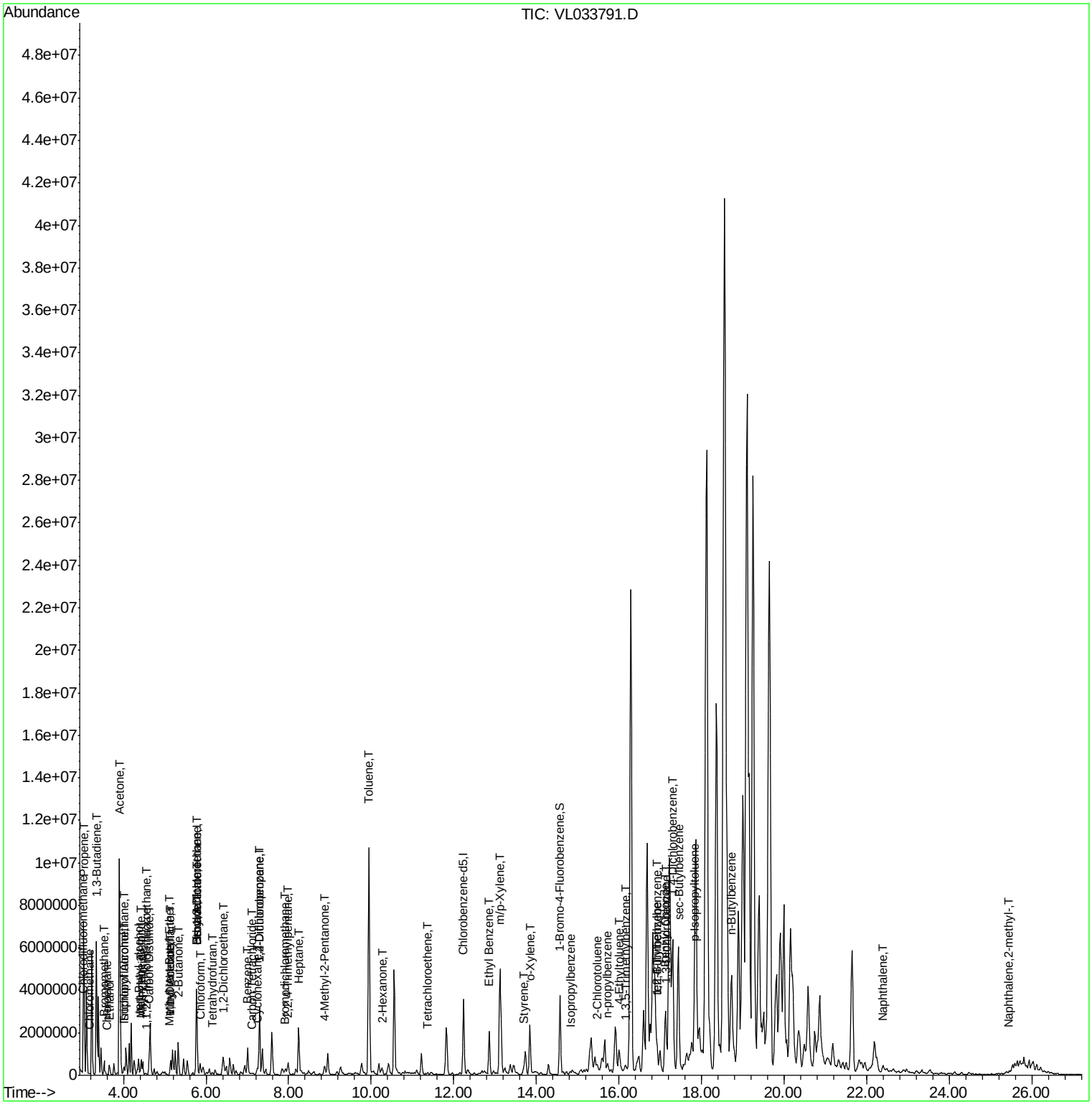
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052319\

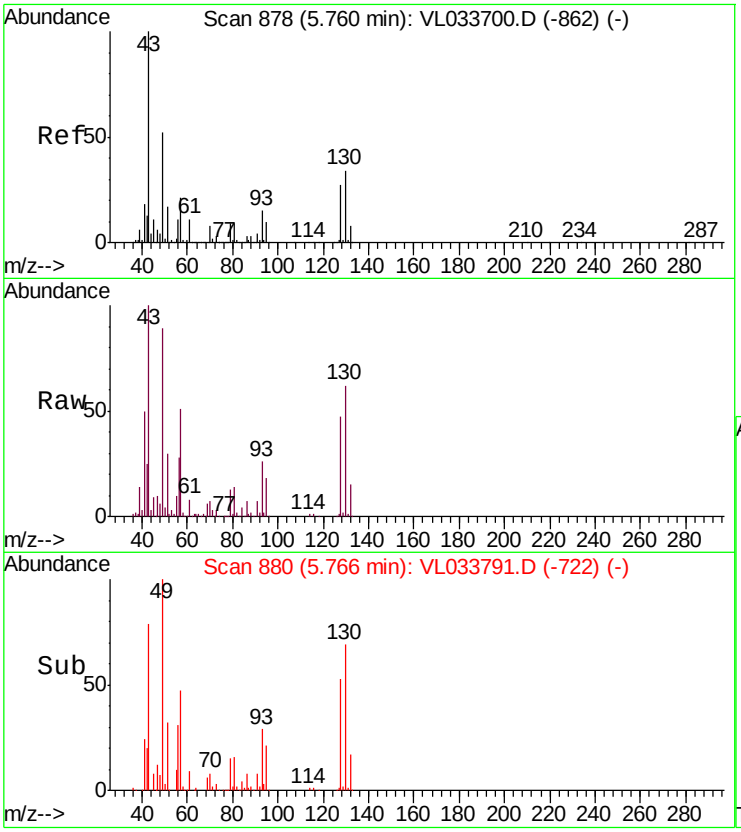
Quantitation Report (Not Reviewed)

Data File : VL033791.D
Acq On : 24 May 2019 2:44
Operator : SY/AP
Sample : K2929-06
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-55

Quant Time: May 24 04:32:35 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



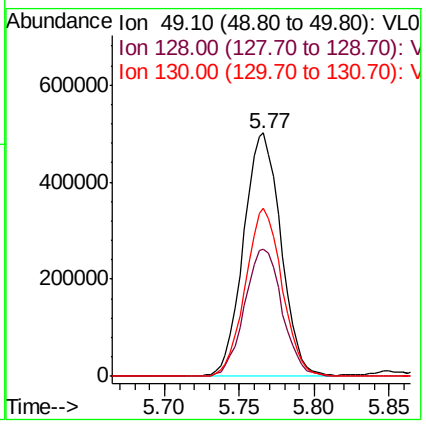


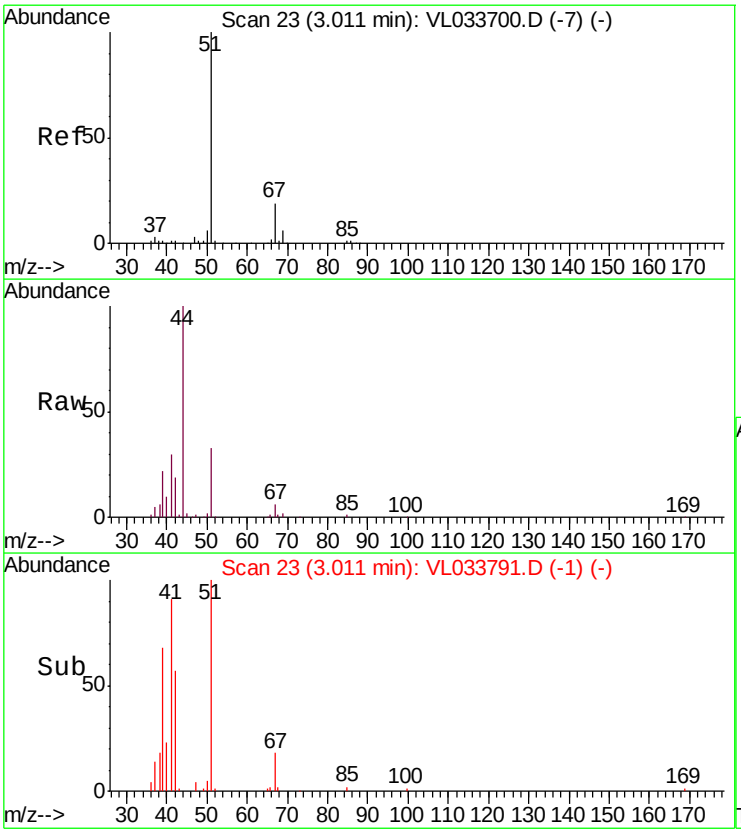
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 880
Delta R.T. 0.01 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-55

Tgt Ion: 49 Resp: 873973

Ion	Ratio	Lower	Upper
49	100		
128	52.9	25.2	75.6
130	67.8	32.5	97.5

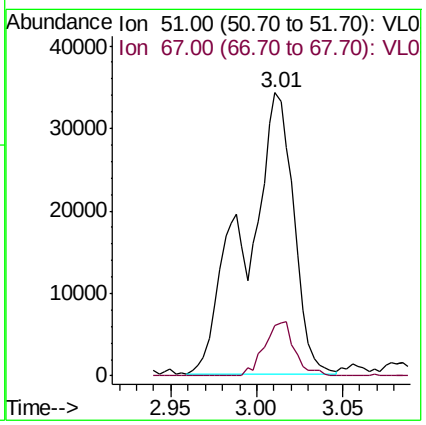


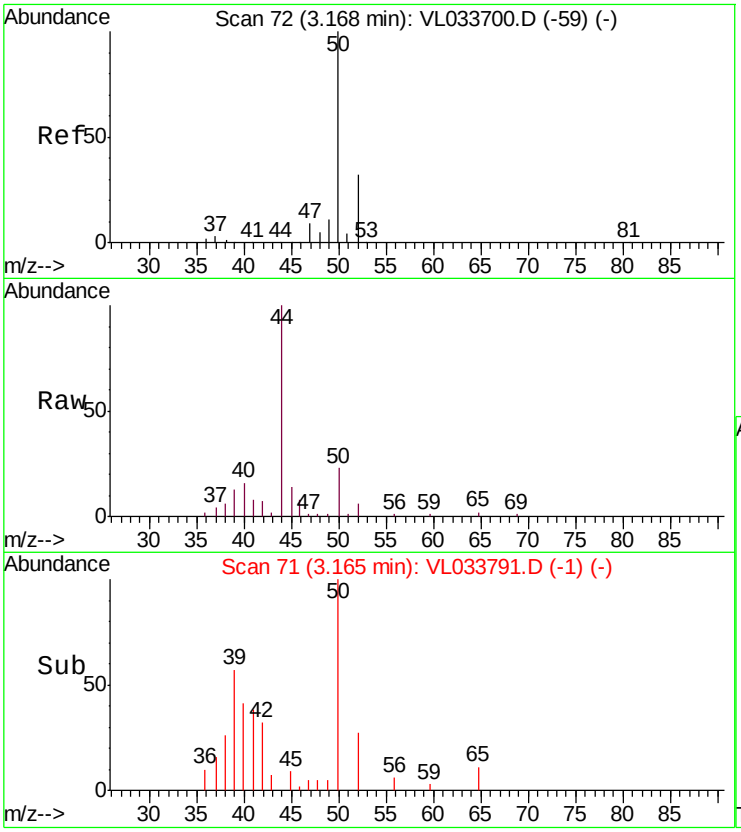


#3
Chlorodifluoromethane
Concen: 0.671 ppbv
RT: 3.01 min Scan# 23
Delta R.T. 0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Tgt Ion: 51 Resp: 67184

Ion	Ratio	Lower	Upper
51	100		
67	11.9	15.6	23.4#



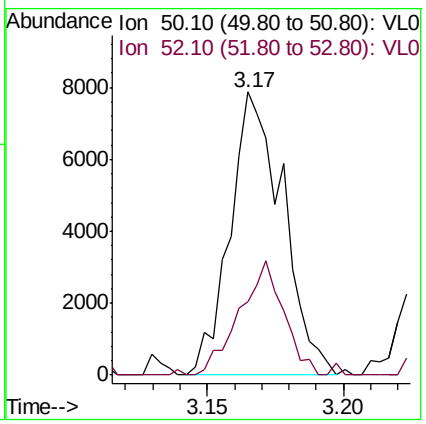


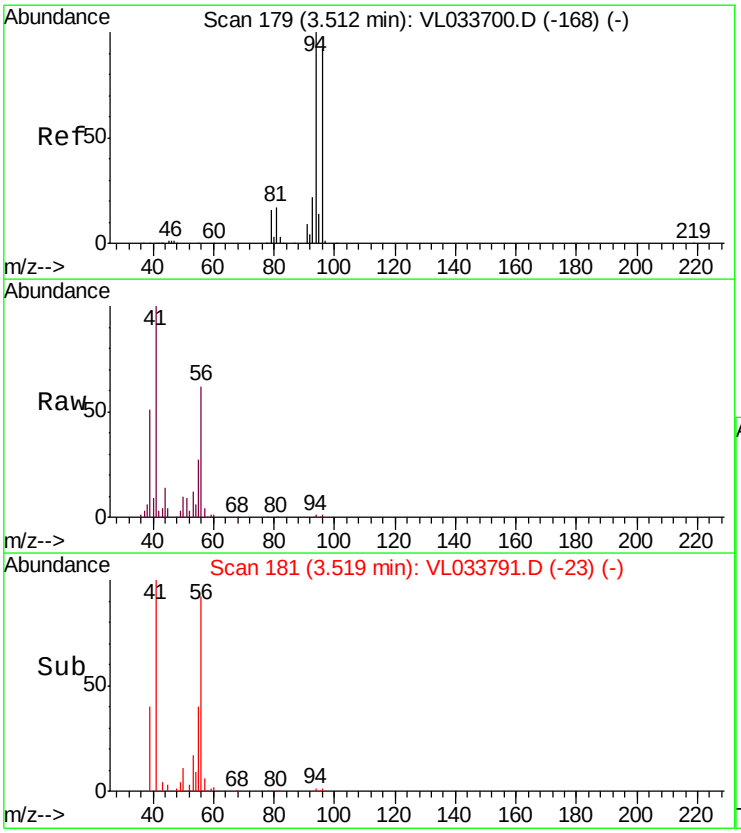
#4
Chloromethane
Concen: 0.185 ppbv
RT: 3.17 min Scan# 71
Delta R.T. -0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-55

Tgt Ion: 50 Resp: 10576

Ion	Ratio	Lower	Upper
50	100		
52	25.9	25.7	38.5

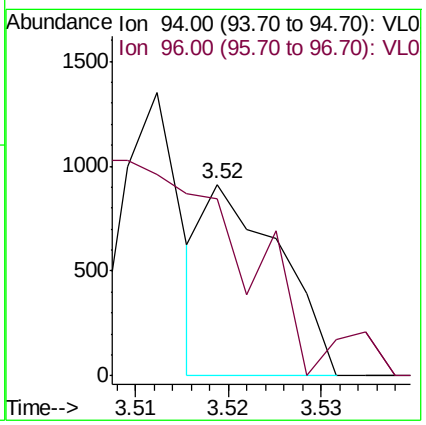


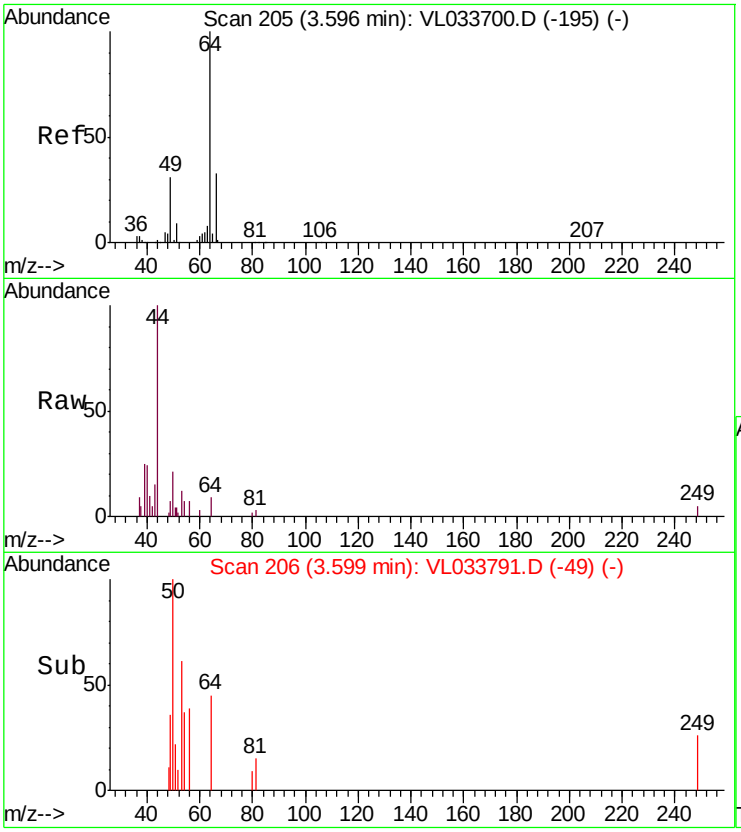


#6
Bromomethane
Concen: 0.014 ppbv
RT: 3.52 min Scan# 181
Delta R.T. 0.01 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Tgt Ion: 94 Resp: 512

Ion	Ratio	Lower	Upper
94	100		
96	73.9	73.6	110.4



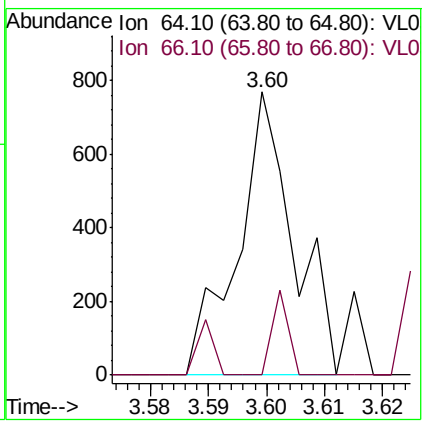


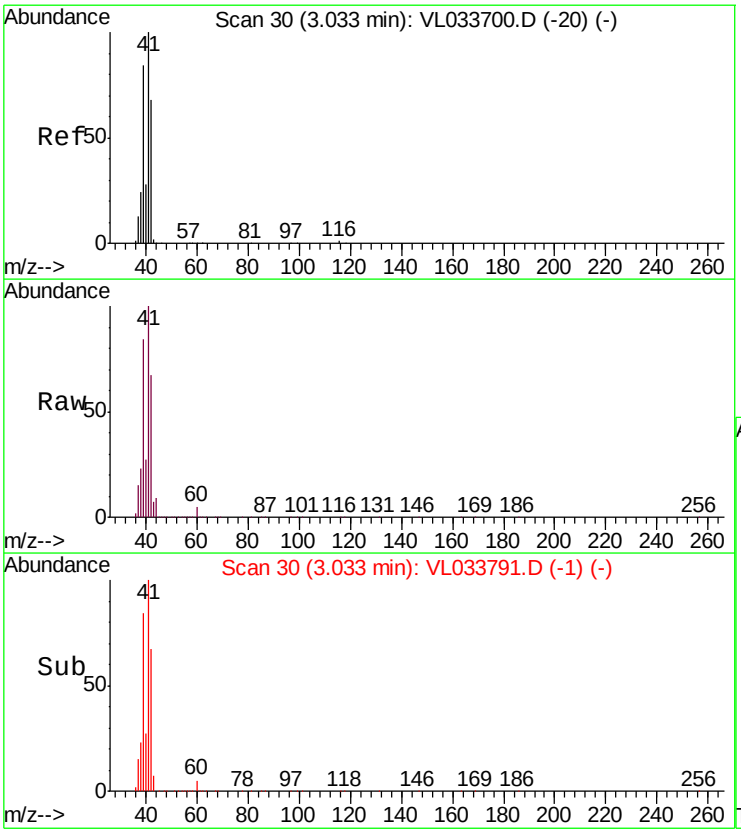
#7
Chloroethane
Concen: 0.025 ppbv
RT: 3.60 min Scan# 206
Delta R.T. 0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3009-55

Tgt Ion: 64 Resp: 519

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.6	40.0#

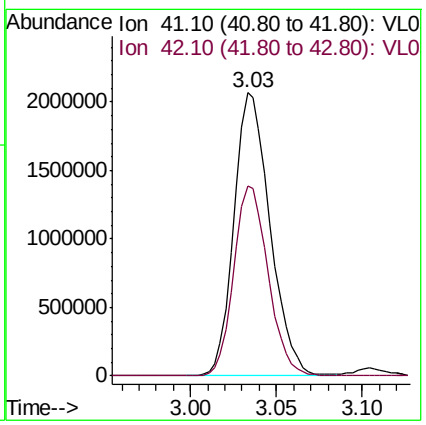


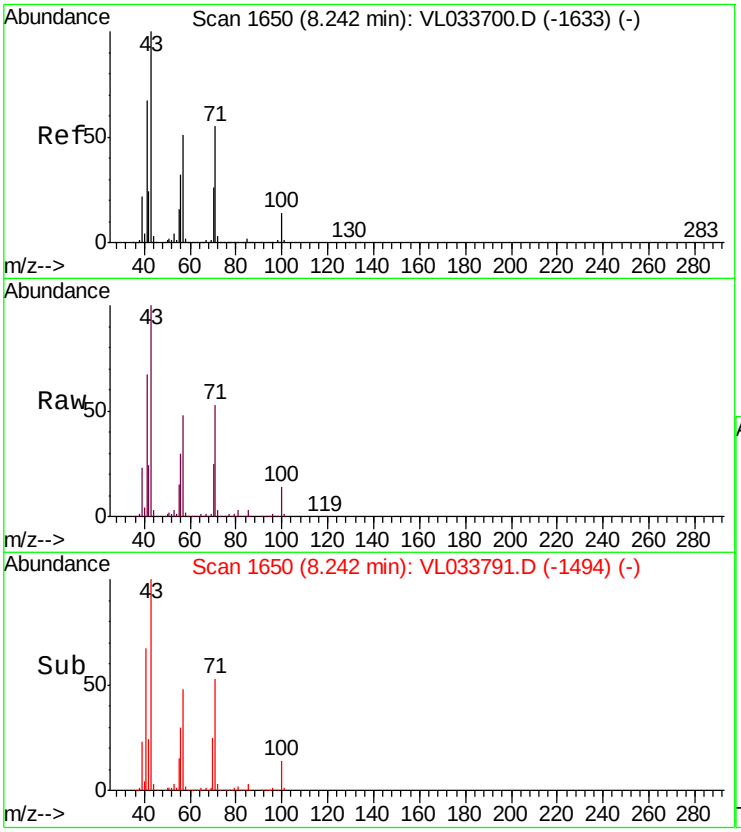


#9
Propene
Concen: 70.975 ppbv
RT: 3.03 min Scan# 30
Delta R.T. 0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Tgt Ion: 41 Resp: 3022179

Ion	Ratio	Lower	Upper
41	100		
42	64.2	56.1	84.1



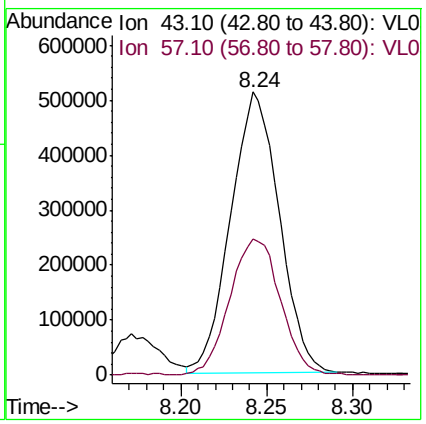


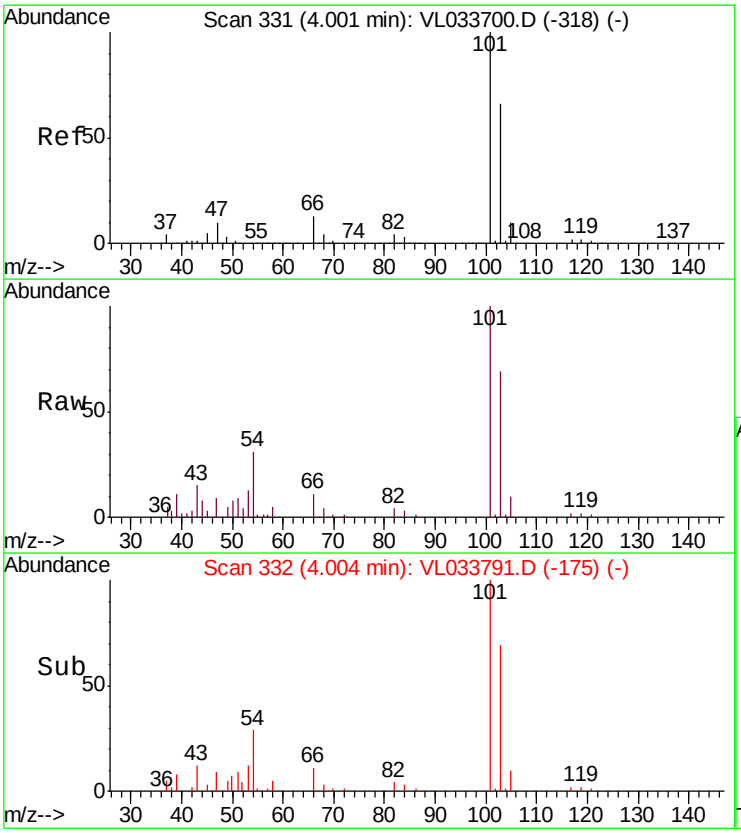
#10
Heptane
Concen: 8.294 ppbv
RT: 8.24 min Scan# 1650
Delta R.T. 0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-55

Tgt Ion: 43 Resp: 1000032

Ion	Ratio	Lower	Upper
43	100		
57	50.7	41.4	62.0

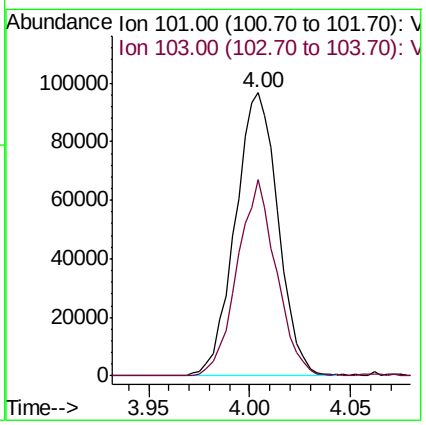


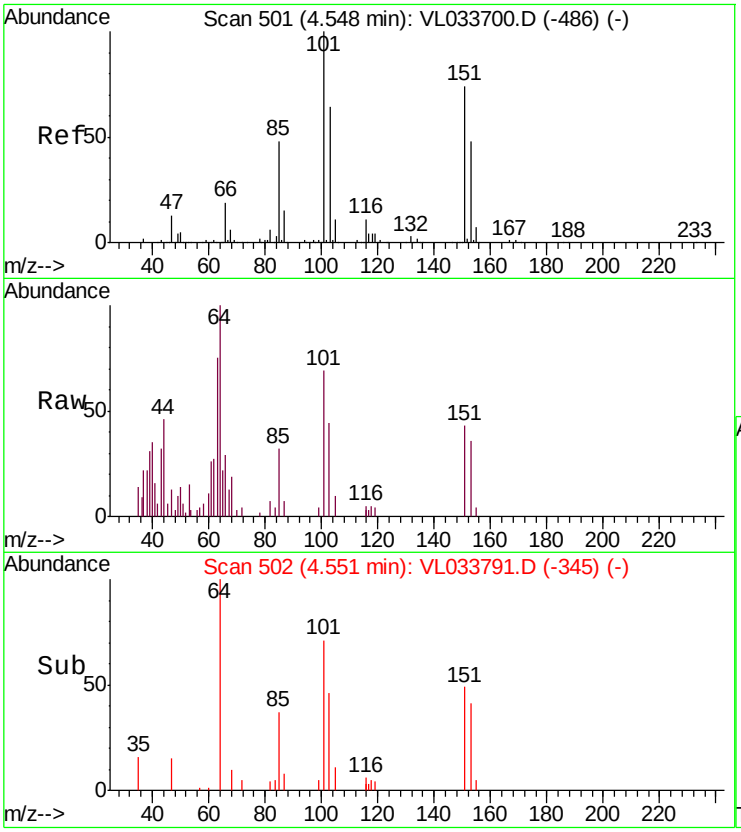


#11
Trichlorofluoromethane
Concen: 0.819 ppbv
RT: 4.00 min Scan# 332
Delta R.T. 0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Tgt Ion:101 Resp: 144000

Ion	Ratio	Lower	Upper
101	100		
103	69.3	52.6	78.8



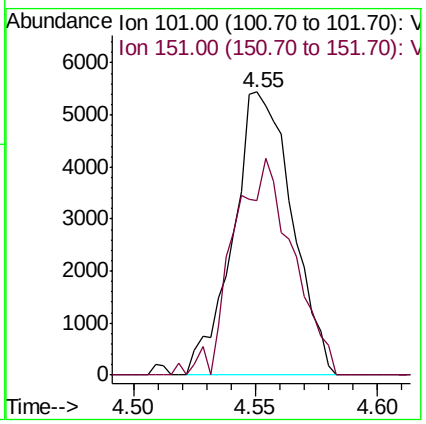


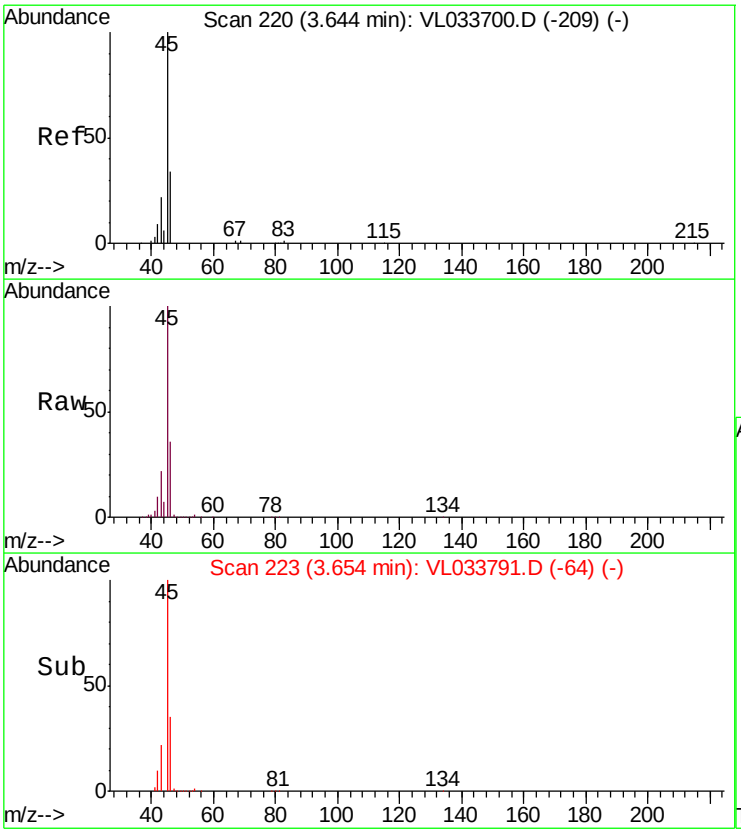
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.074 ppbv
RT: 4.55 min Scan# 502
Delta R.T. 0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-55

Tgt Ion:101 Resp: 9137

Ion	Ratio	Lower	Upper
101	100		
151	77.5	58.2	87.4

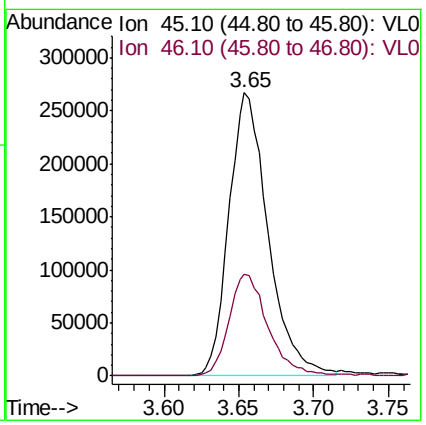


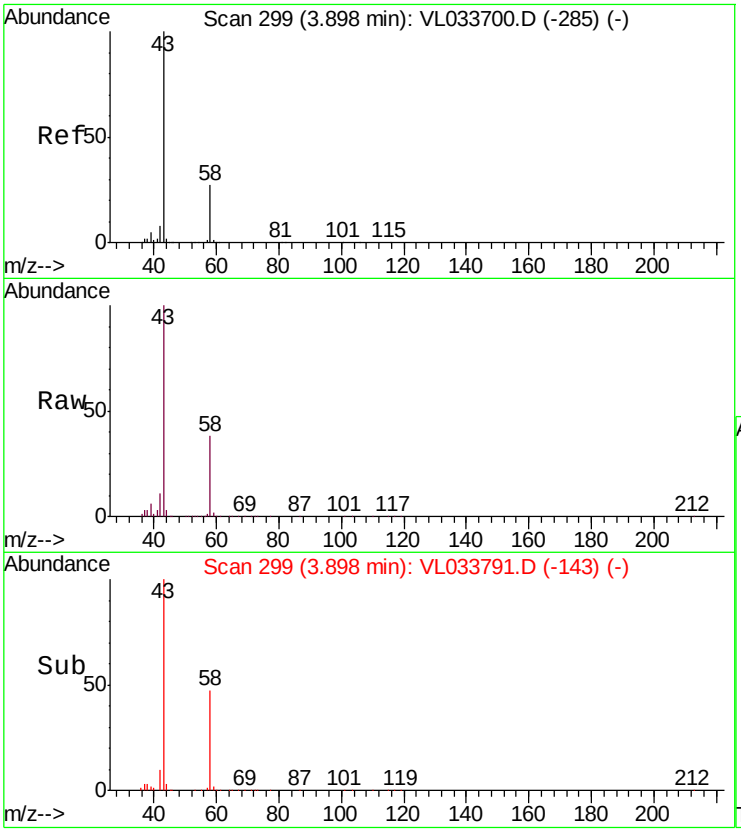


#13
Ethanol
Concen: 35.377 ppbv
RT: 3.65 min Scan# 223
Delta R.T. 0.01 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Tgt Ion: 45 Resp: 486878

Ion	Ratio	Lower	Upper
45	100		
46	36.2	14.8	59.0



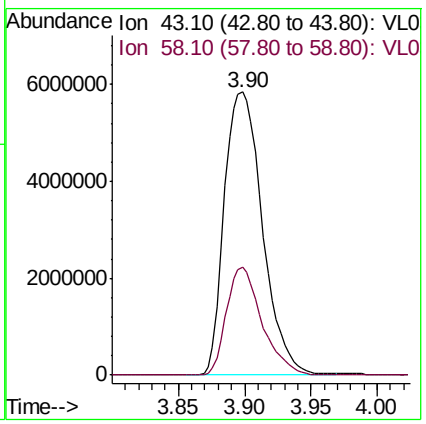


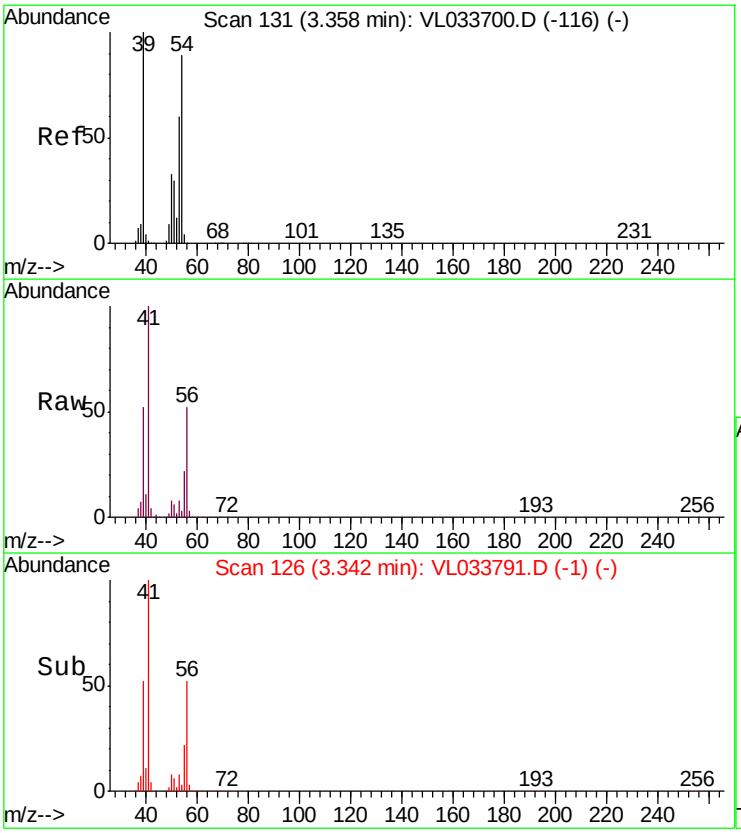
#15
Acetone
Concen: 96.302 ppbv
RT: 3.90 min Scan# 299
Delta R.T. 0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3009-55

Tgt Ion: 43 Resp:11677461

Ion	Ratio	Lower	Upper
43	100		
58	35.5	21.3	31.9#

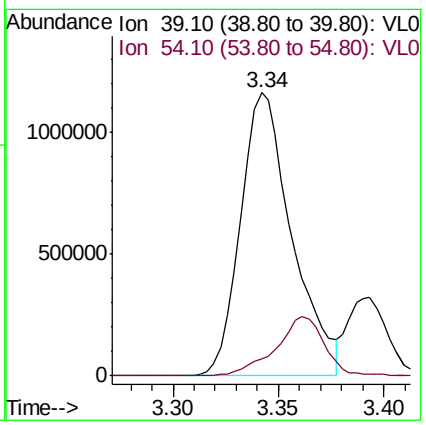


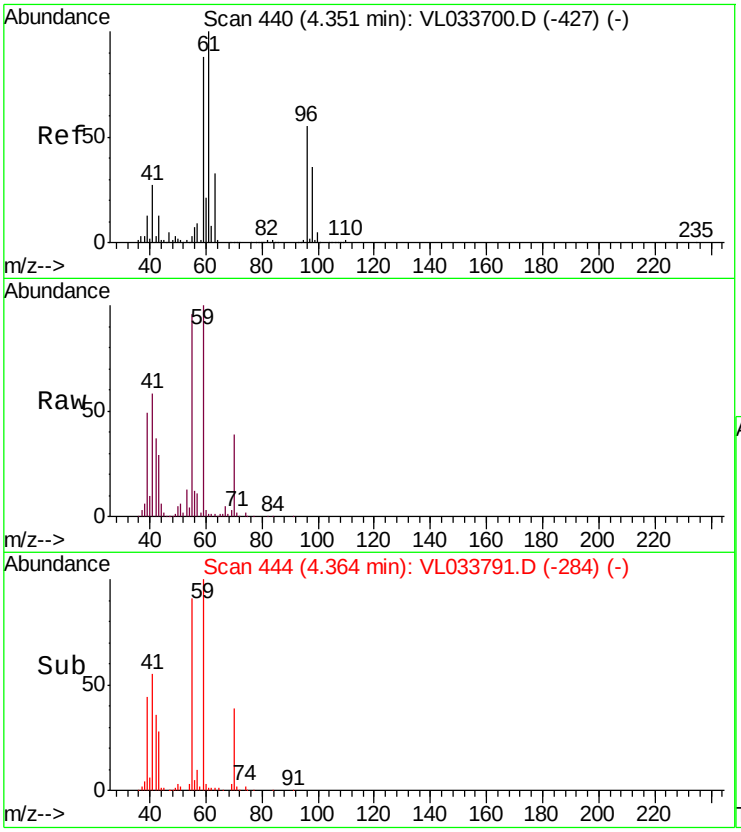


#16
1,3-Butadiene
Concen: 40.800 ppbv
RT: 3.34 min Scan# 126
Delta R.T. -0.02 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Tgt Ion: 39 Resp: 1970169

Ion	Ratio	Lower	Upper
39	100		
54	20.0	69.0	103.6#



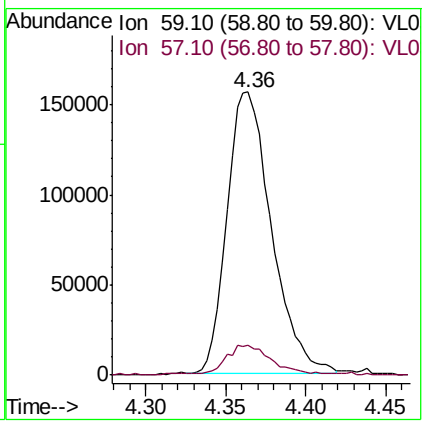


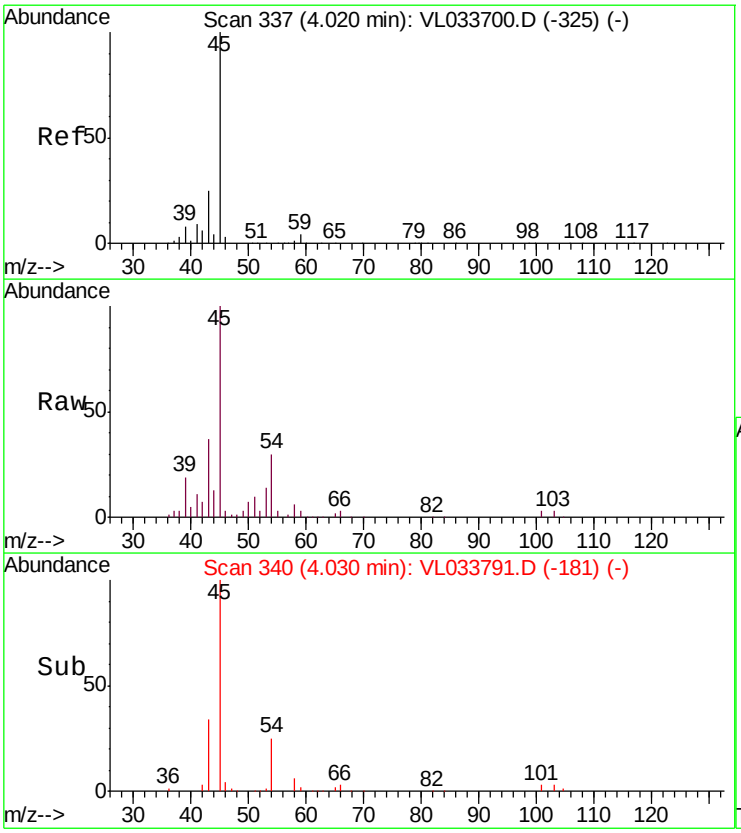
#17
tert-Butyl alcohol
Concen: 3.023 ppbv
RT: 4.36 min Scan# 444
Delta R.T. 0.01 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-55

Tgt Ion: 59 Resp: 296461

Ion	Ratio	Lower	Upper
59	100		
57	12.1	8.4	12.6

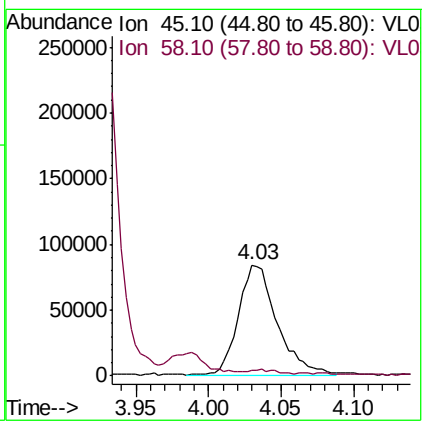


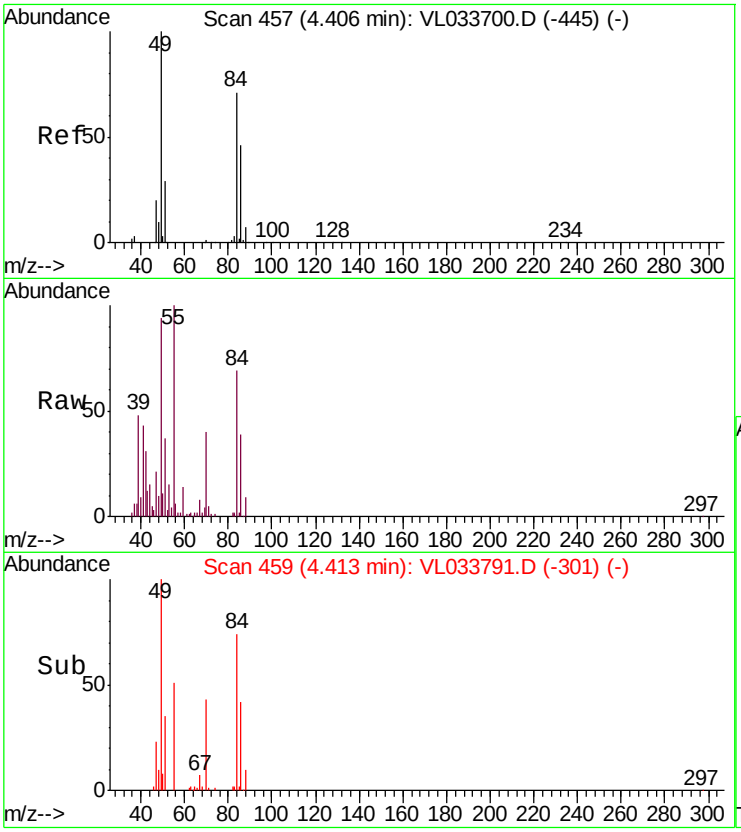


#19
Isopropyl Alcohol
Concen: 1.969 ppbv
RT: 4.03 min Scan# 340
Delta R.T. 0.01 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Tgt Ion: 45 Resp: 153969

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.6	2.4#



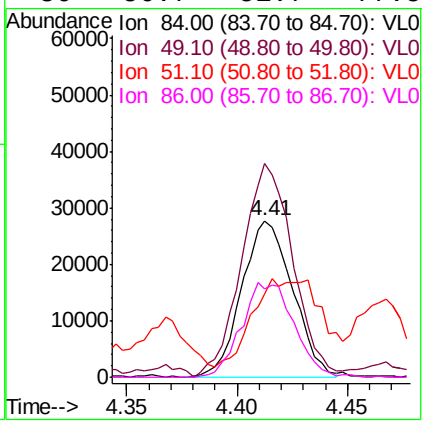


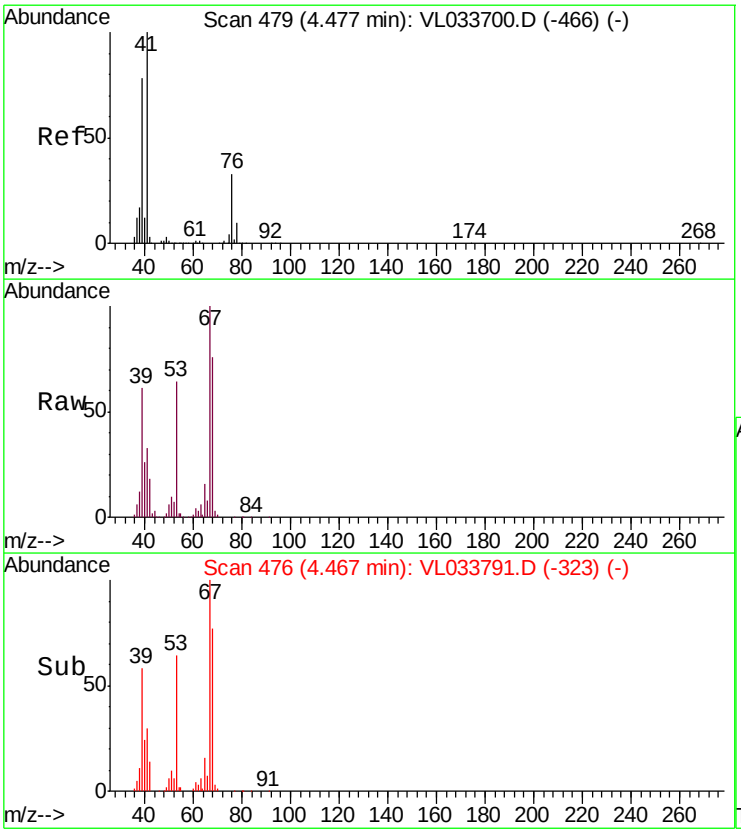
#20
Methylene Chloride
Concen: 0.951 ppbv
RT: 4.41 min Scan# 459
Delta R.T. 0.01 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3009-55

Tgt Ion: 84 Resp: 44393

Ion	Ratio	Lower	Upper
84	100		
49	132.7	112.8	169.2
51	31.8	33.4	50.0#
86	56.7	51.7	77.5

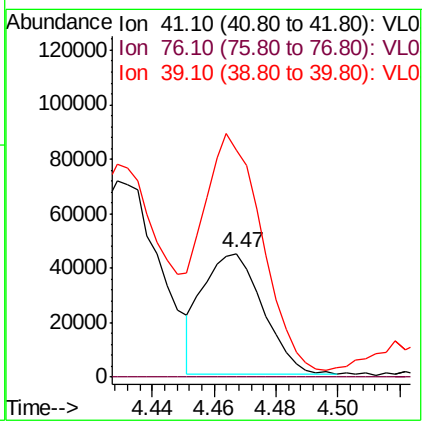


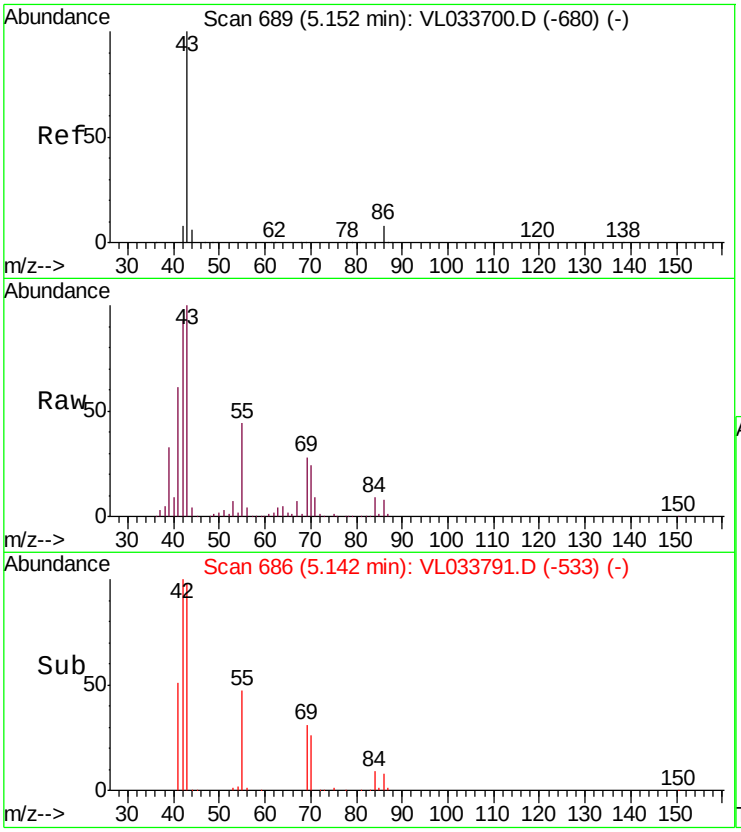


#21
Allyl Chloride
Concen: 0.782 ppbv
RT: 4.47 min Scan# 476
Delta R.T. -0.01 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Tgt Ion: 41 Resp: 59162

Ion	Ratio	Lower	Upper
41	100		
76	0.0	25.9	38.9#
39	206.9	64.6	97.0#



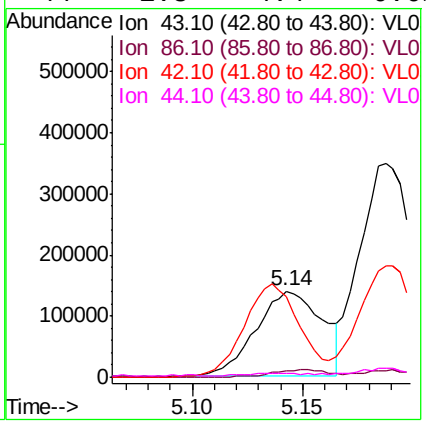


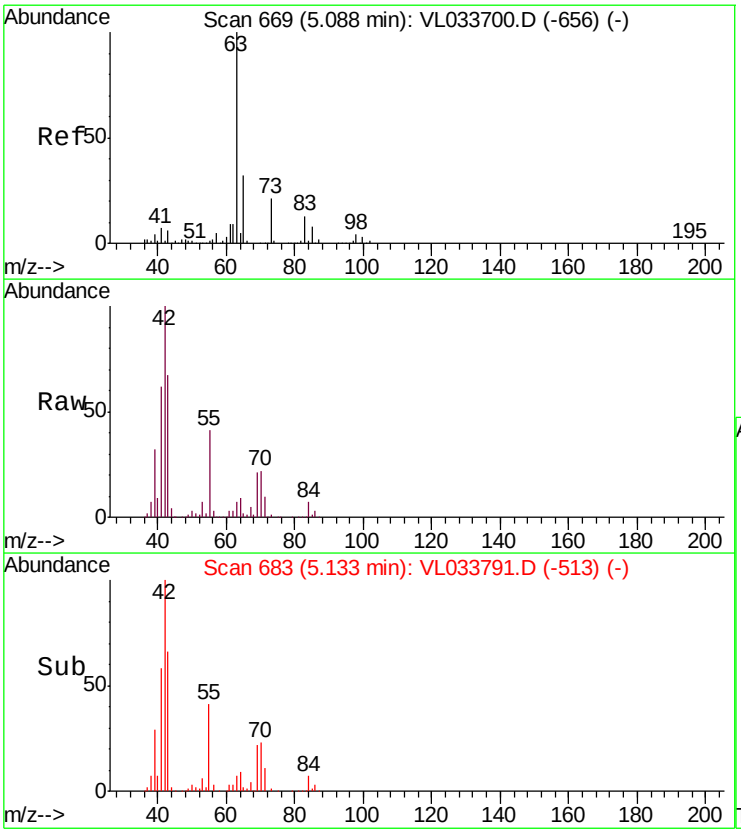
#23
Vinyl Acetate
Concen: 1.806 ppbv
RT: 5.14 min Scan# 686
Delta R.T. -0.01 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3009-55

Tgt Ion: 43 Resp: 288765

Ion	Ratio	Lower	Upper
43	100		
86	7.7	6.0	9.0
42	93.7	7.5	11.3#
44	1.8	4.4	6.6#

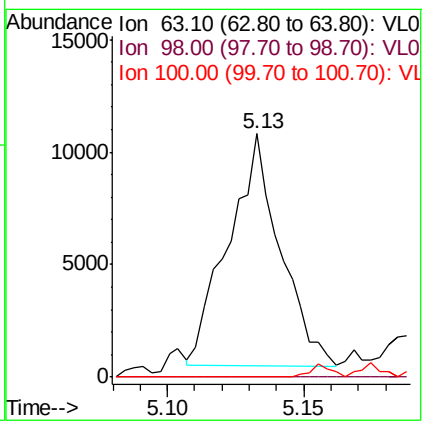


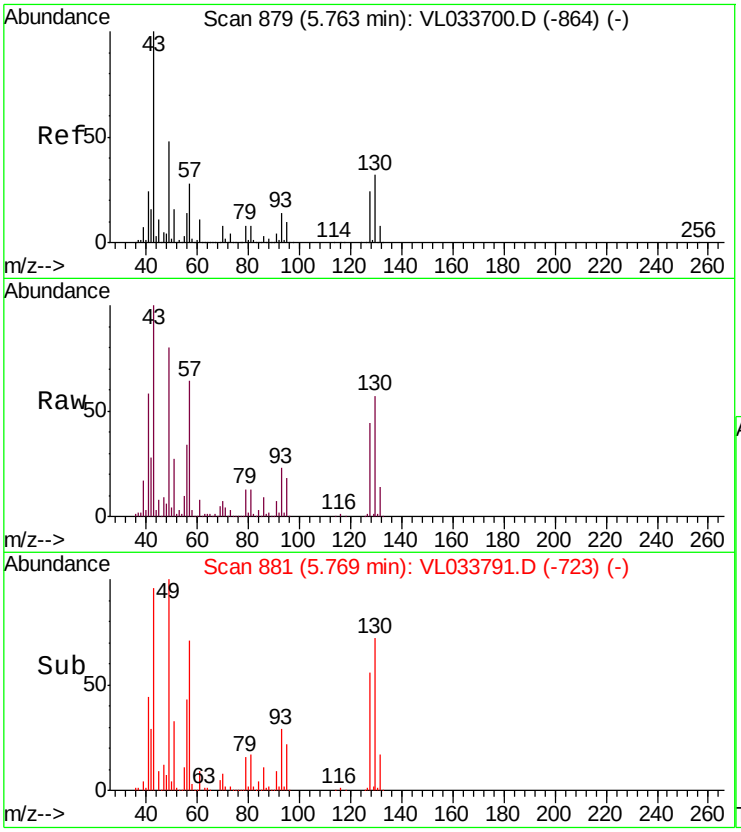


#24
1,1-Dichloroethane
Concen: 0.112 ppbv
RT: 5.13 min Scan# 683
Delta R.T. 0.05 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Tgt Ion: 63 Resp: 13582

Ion	Ratio	Lower	Upper
63	100		
98	0.0	1.8	5.5#
100	0.0	1.4	4.2#



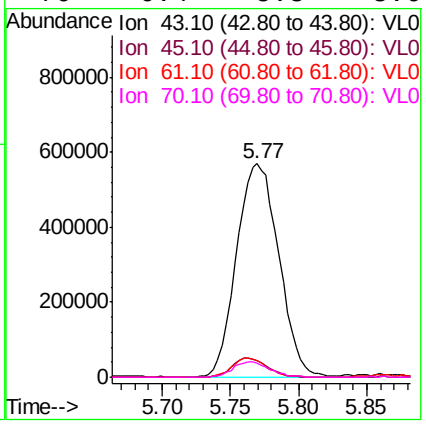


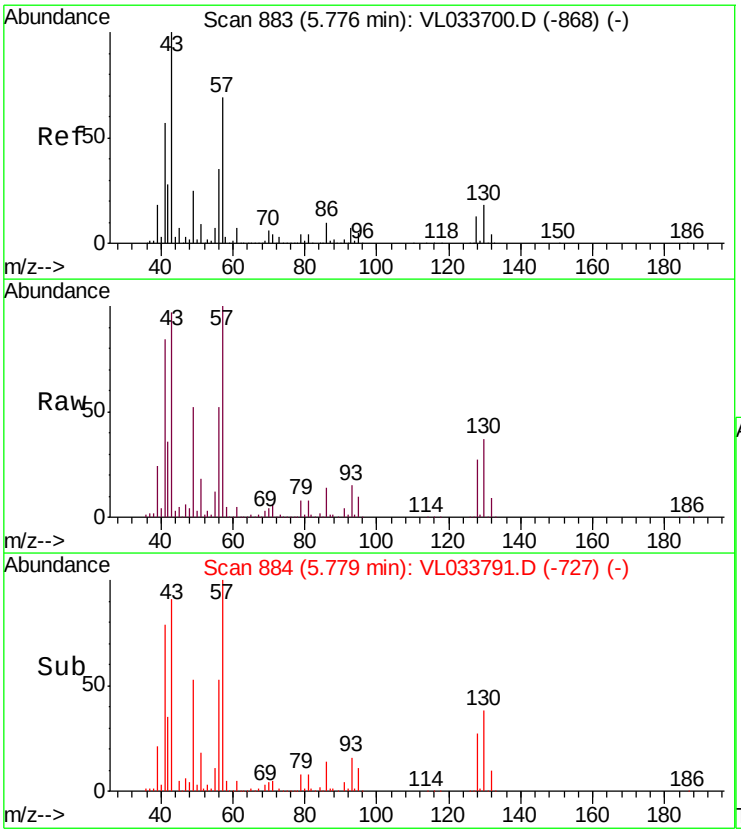
#25
Ethyl Acetate
Concen: 5.732 ppbv
RT: 5.77 min Scan# 881
Delta R.T. 0.01 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3009-55

Tgt Ion: 43 Resp: 1220996

Ion	Ratio	Lower	Upper
43	100		
45	7.6	7.9	11.9#
61	7.4	7.7	11.5#
70	6.4	5.8	8.6

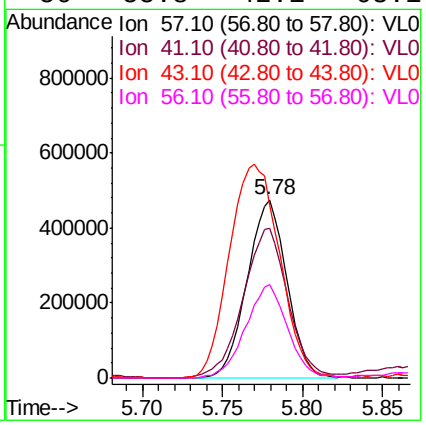


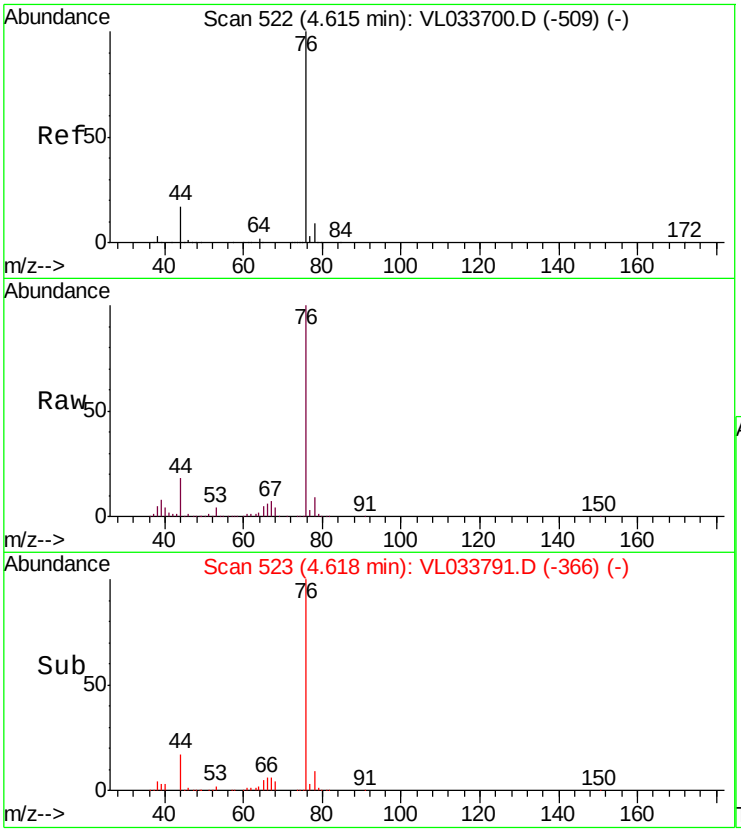


#26
Hexane
Concen: 8.824 ppbv
RT: 5.78 min Scan# 884
Delta R.T. 0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Tgt Ion: 57 Resp: 808081

Ion	Ratio	Lower	Upper
57	100		
41	94.1	69.8	104.6
43	151.0	181.8	272.6#
56	55.8	42.1	63.1



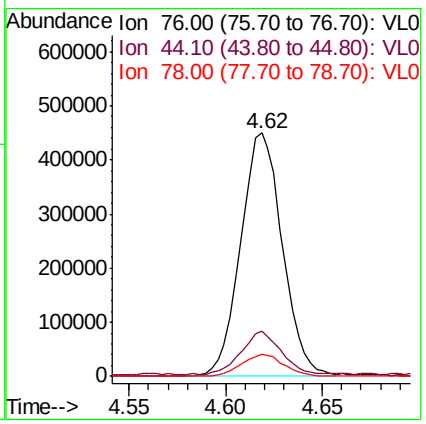


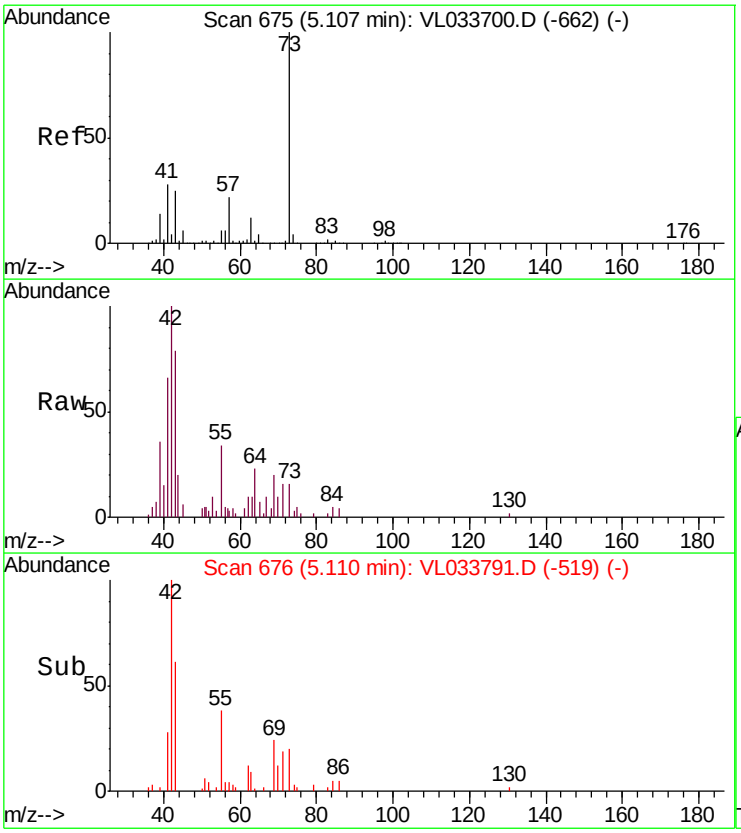
#27
Carbon Disulfide
Concen: 5.378 ppbv
RT: 4.62 min Scan# 523
Delta R.T. 0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-55

Tgt Ion: 76 Resp: 675694

Ion	Ratio	Lower	Upper
76	100		
44	17.4	13.8	20.8
78	9.1	7.4	11.0

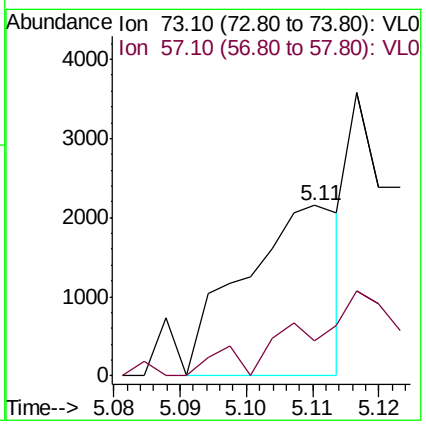


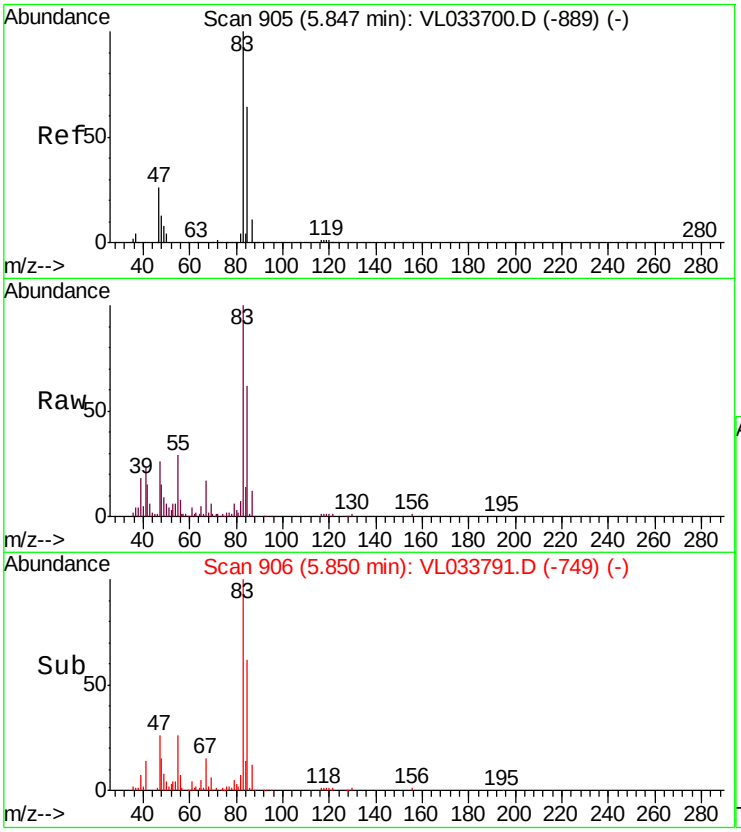


#28
Methyl tert-Butyl Ether
Concen: 0.015 ppbv
RT: 5.11 min Scan# 676
Delta R.T. 0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Tgt Ion: 73 Resp: 2190

Ion	Ratio	Lower	Upper
73	100		
57	0.0	17.4	26.2#



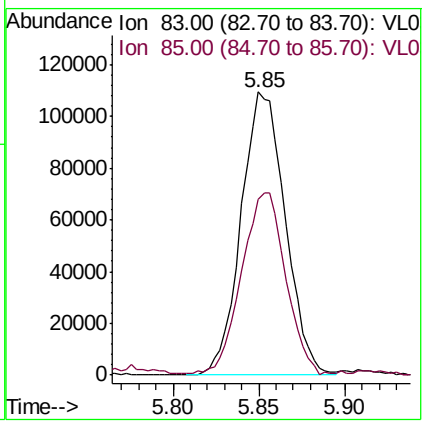


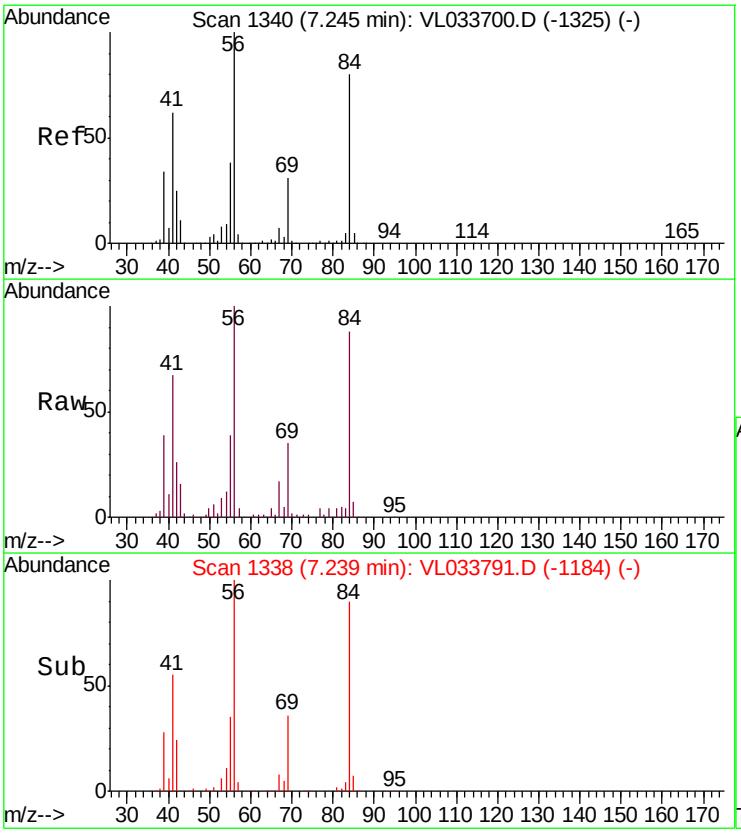
#29
Chloroform
Concen: 1.153 ppbv
RT: 5.85 min Scan# 906
Delta R.T. 0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-55

Tgt Ion: 83 Resp: 194420

Ion	Ratio	Lower	Upper
83	100		
85	61.4	51.5	77.3

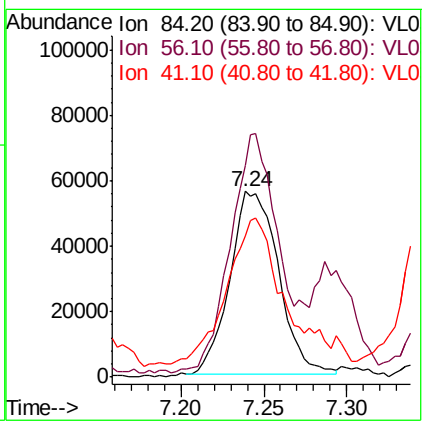


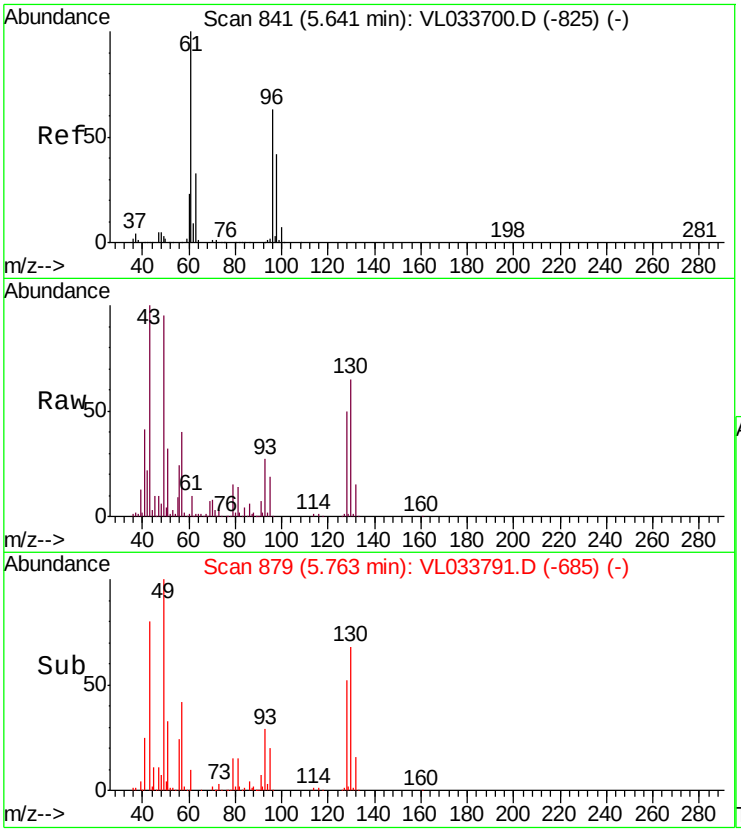


#30
Cyclohexane
Concen: 1.481 ppbv
RT: 7.24 min Scan# 1338
Delta R.T. -0.01 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Tgt Ion: 84 Resp: 114027

Ion	Ratio	Lower	Upper
84	100		
56	137.5	107.7	161.5
41	106.5	66.0	99.0#



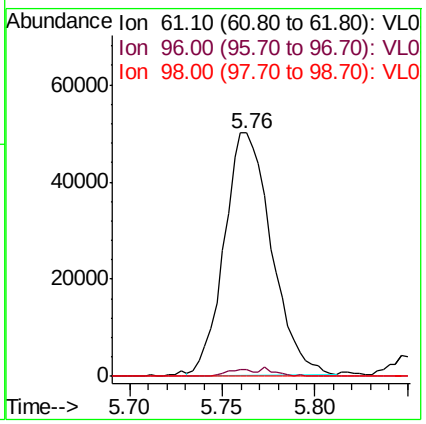


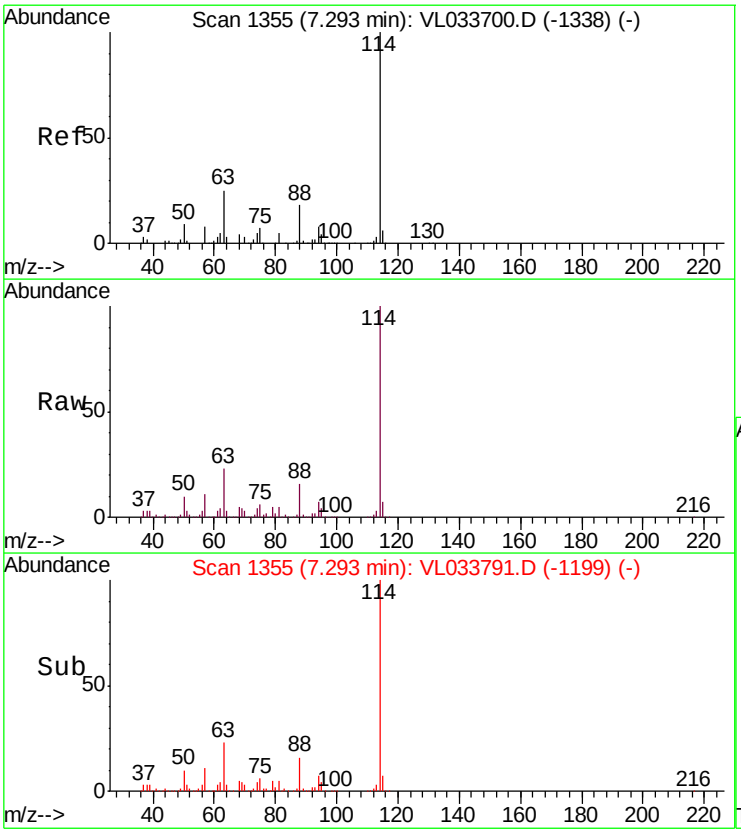
#31
cis-1,2-Dichloroethene
Concen: 0.973 ppbv
RT: 5.76 min Scan# 879
Delta R.T. 0.12 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-55

Tgt Ion: 61 Resp: 88333

Ion	Ratio	Lower	Upper
61	100		
96	3.0	50.8	76.2#
98	0.0	33.3	49.9#

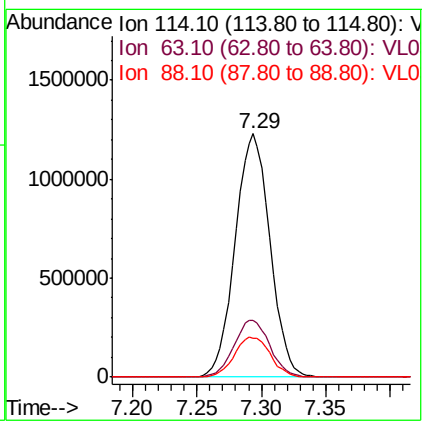


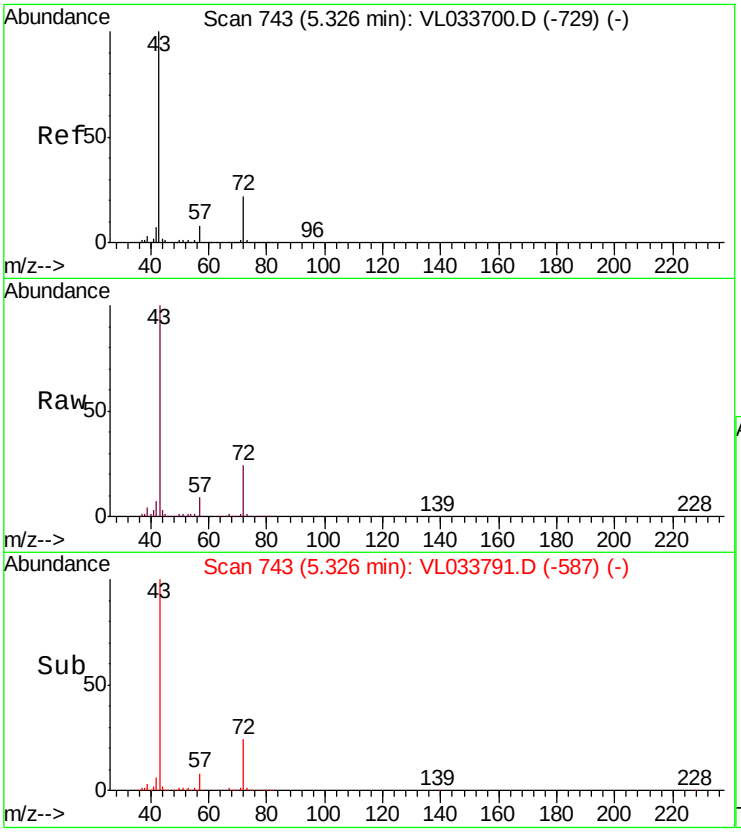


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. 0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Tgt Ion:114 Resp: 2310228

Ion	Ratio	Lower	Upper
114	100		
63	24.0	20.9	31.3
88	17.1	14.3	21.5



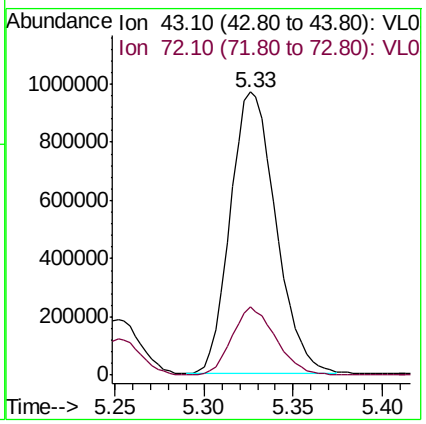


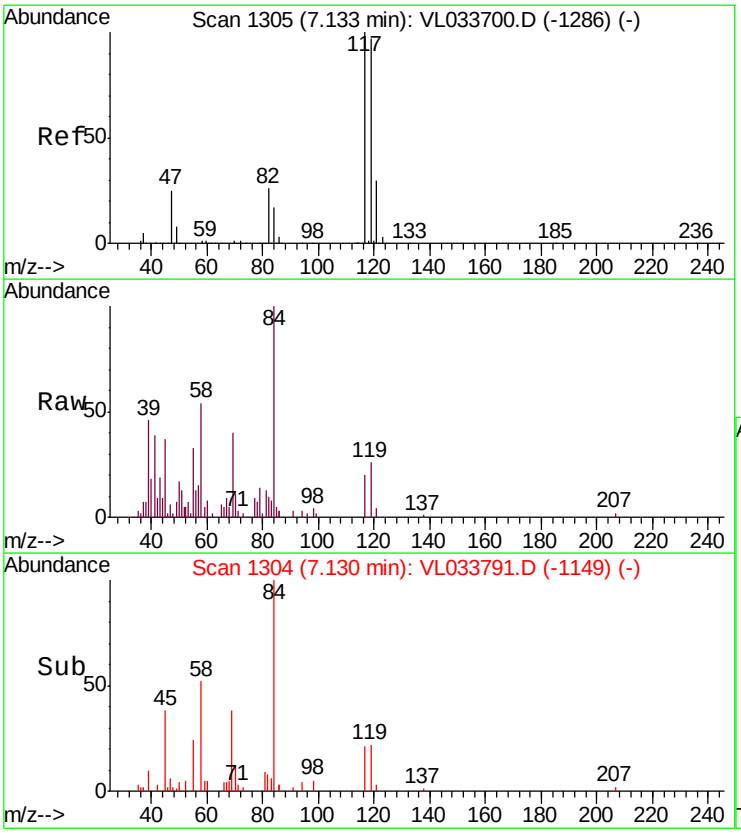
#34
2-Butanone
Concen: 12.017 ppbv
RT: 5.33 min Scan# 743
Delta R.T. 0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-55

Tgt Ion: 43 Resp: 1720800

Ion	Ratio	Lower	Upper
43	100		
72	23.2	17.8	26.6

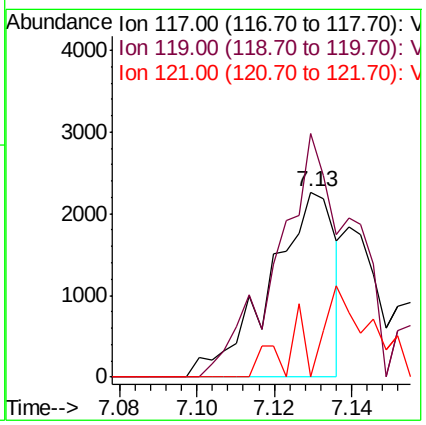


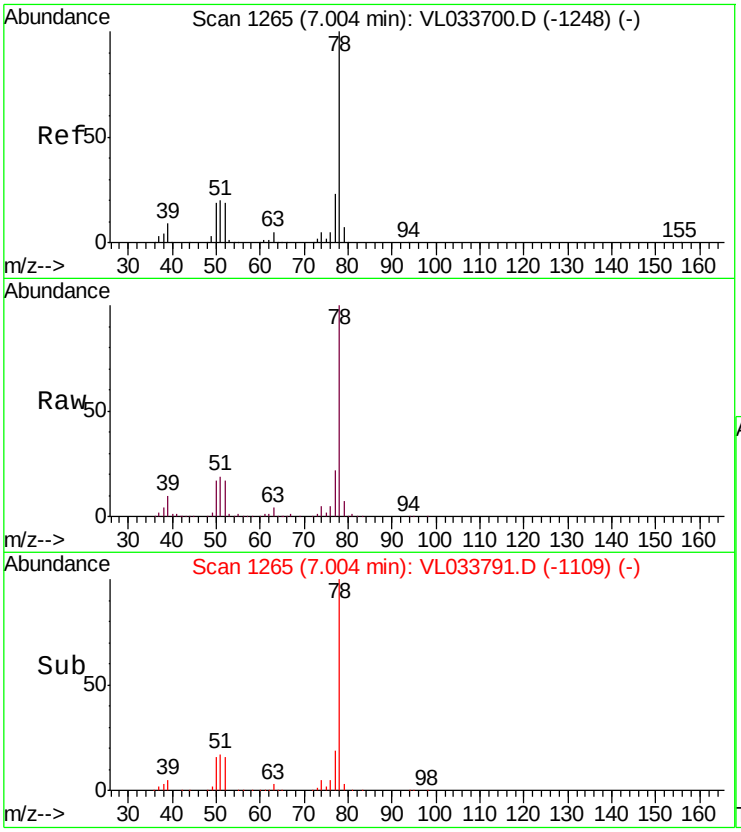


#35
Carbon Tetrachloride
Concen: 0.014 ppbv
RT: 7.13 min Scan# 1304
Delta R.T. -0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Tgt Ion:117 Resp: 2641

Ion	Ratio	Lower	Upper
117	100		
119	131.4	77.2	115.8#
121	0.0	24.1	36.1#



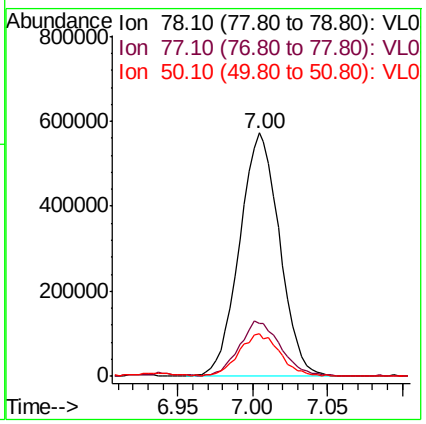


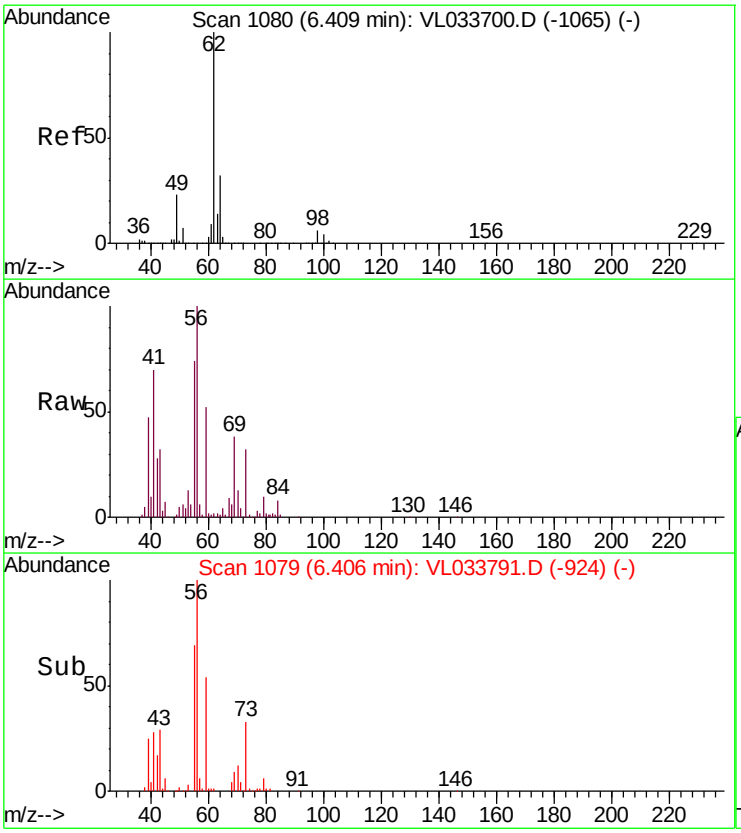
#36
Benzene
Concen: 5.049 ppbv
RT: 7.00 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-55

Tgt Ion: 78 Resp: 1060972

Ion	Ratio	Lower	Upper
78	100		
77	21.5	18.4	27.6
50	17.1	15.5	23.3

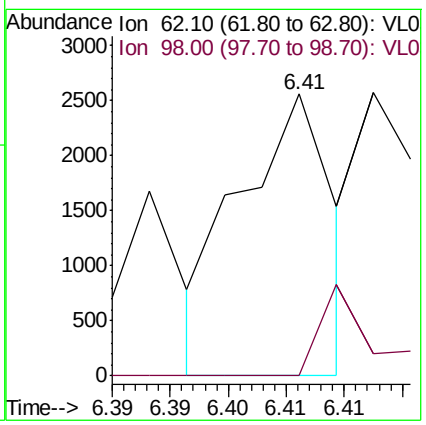


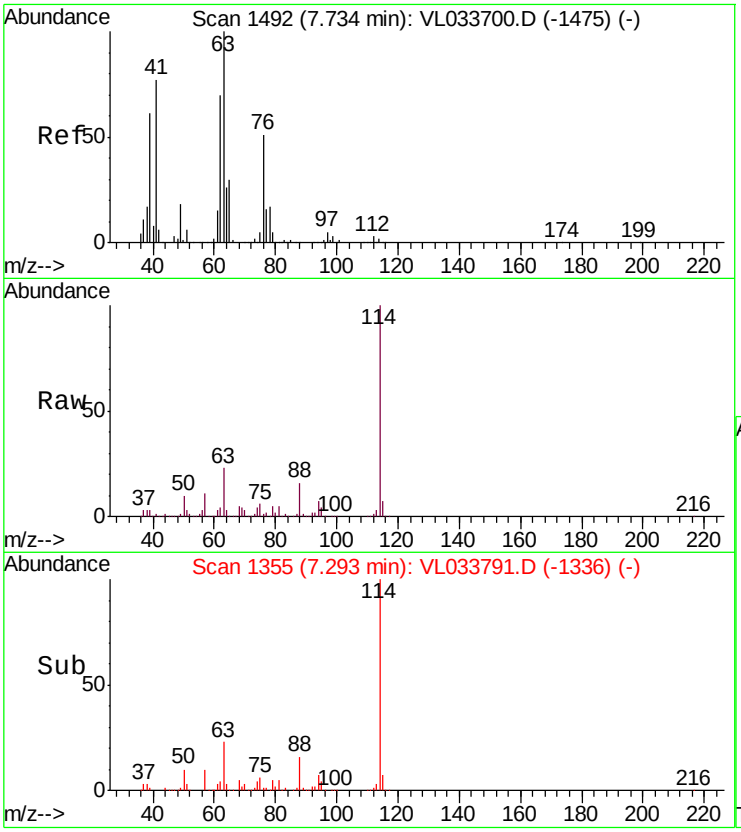


#37
1,2-Dichloroethane
Concen: 0.011 ppbv
RT: 6.41 min Scan# 1079
Delta R.T. -0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Tgt Ion: 62 Resp: 1437

Ion	Ratio	Lower	Upper
62	100		
98	16.9	4.5	6.7#



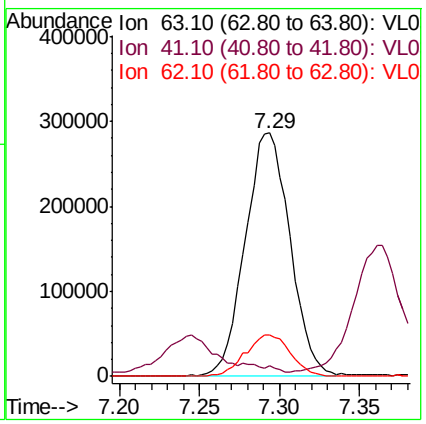


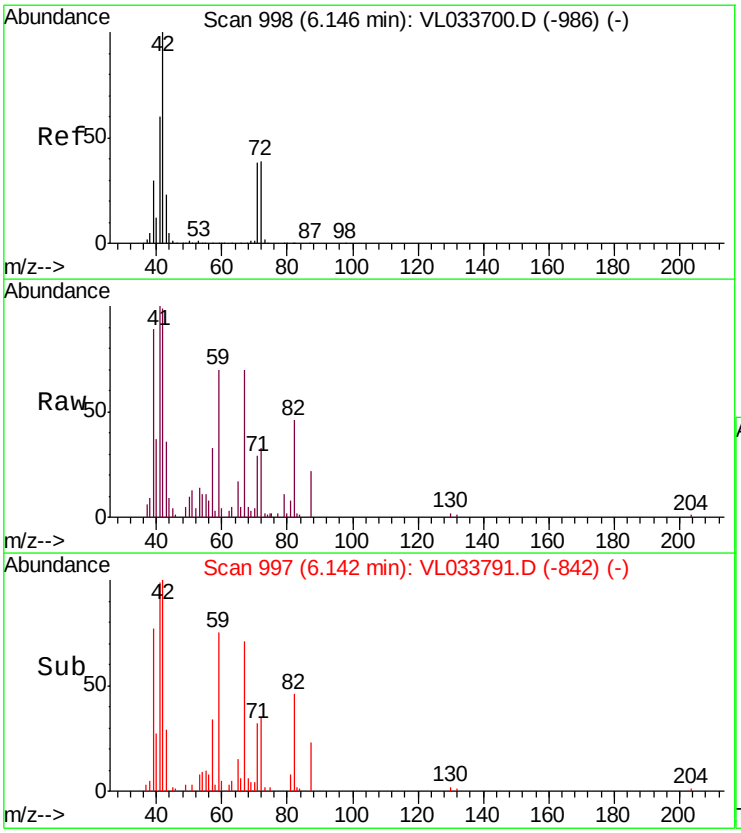
#39
1,2-Dichloropropane
Concen: 6.981 ppbv
RT: 7.29 min Scan# 1355
Delta R.T. -0.44 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3009-55

Tgt Ion: 63 Resp: 546946

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.5	92.3#
62	17.0	56.2	84.4#

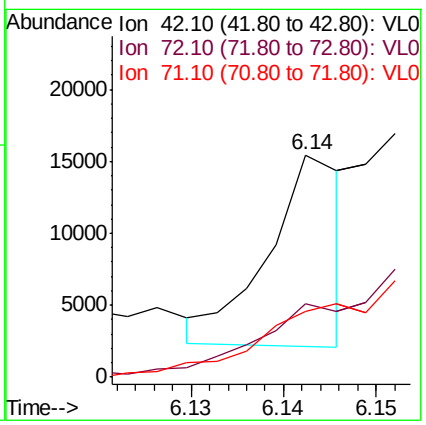


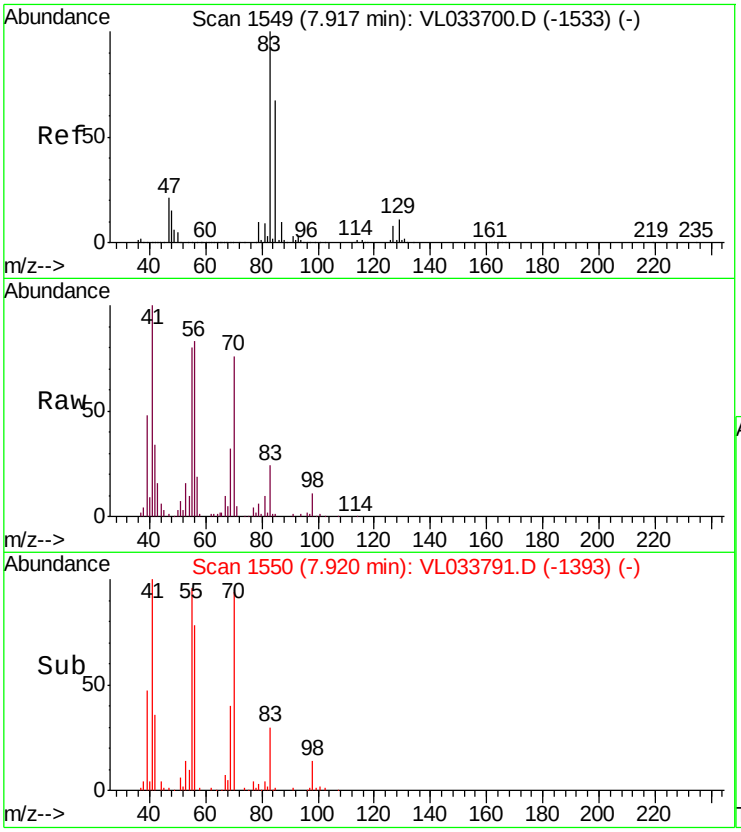


#41
Tetrahydrofuran
Concen: 0.093 ppbv
RT: 6.14 min Scan# 997
Delta R.T. -0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Tgt Ion: 42 Resp: 7439

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



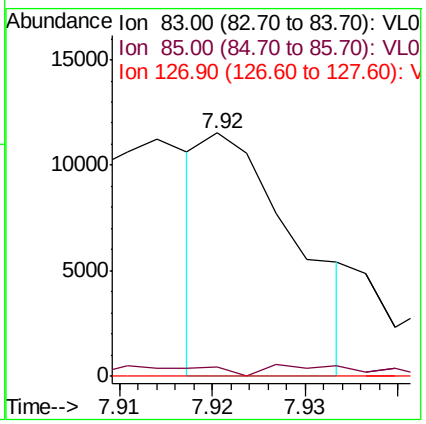


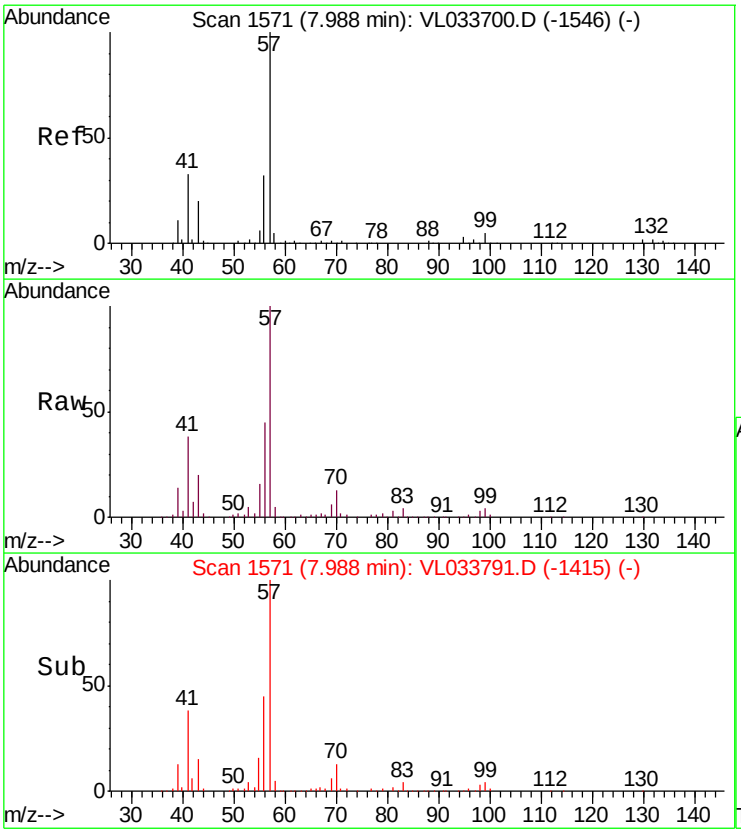
#42
Bromodichloromethane
Concen: 0.042 ppbv
RT: 7.92 min Scan# 1550
Delta R.T. 0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3009-55

Tgt Ion: 83 Resp: 7878

Ion	Ratio	Lower	Upper
83	100		
85	1.4	53.3	79.9#
127	0.0	6.5	9.7#

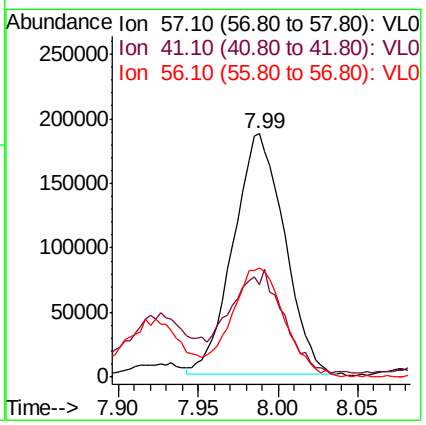


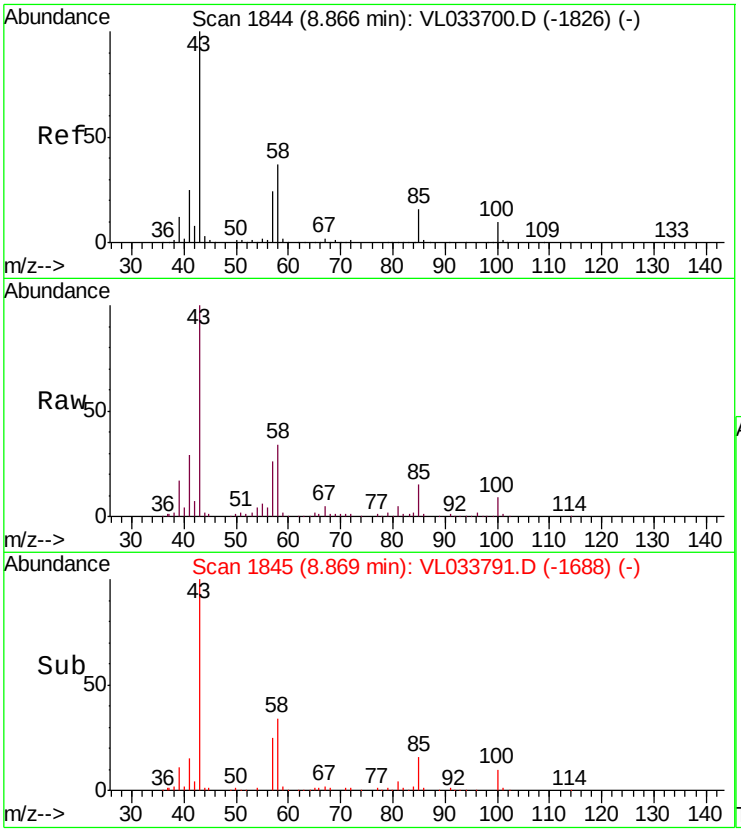


#44
2,2,4-Trimethylpentane
Concen: 1.153 ppbv
RT: 7.99 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Tgt Ion: 57 Resp: 409339

Ion	Ratio	Lower	Upper
57	100		
41	49.2	25.4	38.0#
56	47.7	24.7	37.1#



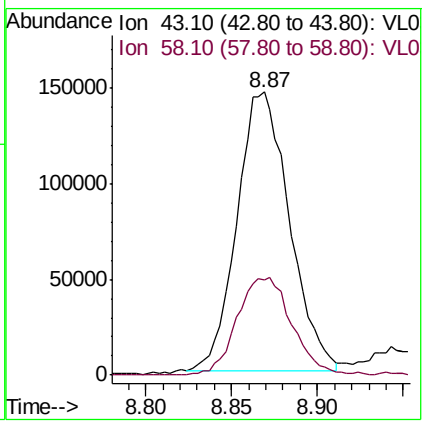


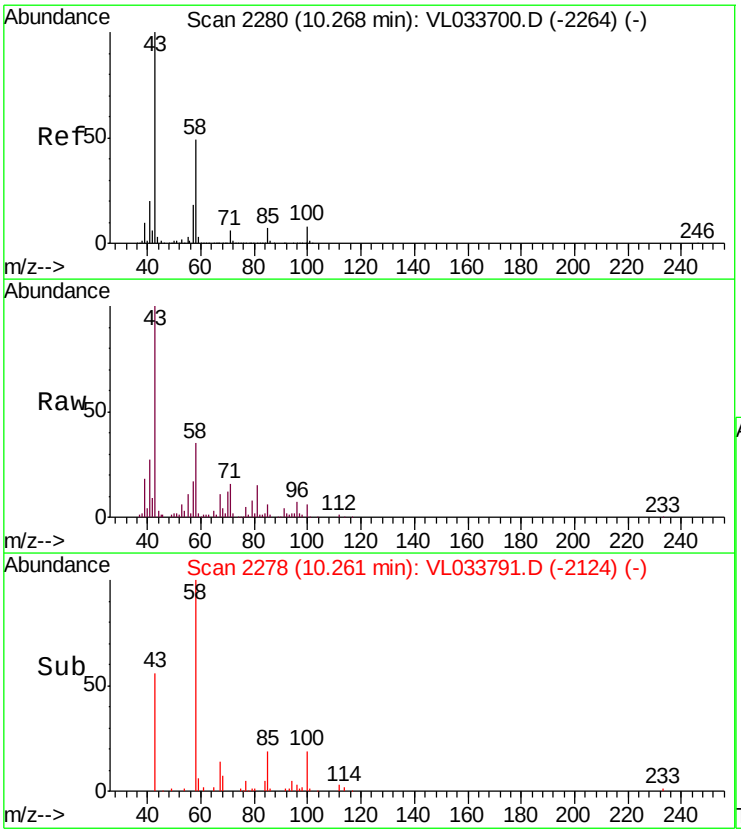
#50
4-Methyl-2-Pentanone
Concen: 1.401 ppbv
RT: 8.87 min Scan# 1845
Delta R.T. 0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-55

Tgt Ion: 43 Resp: 308558

Ion	Ratio	Lower	Upper
43	100		
58	37.8	28.6	43.0

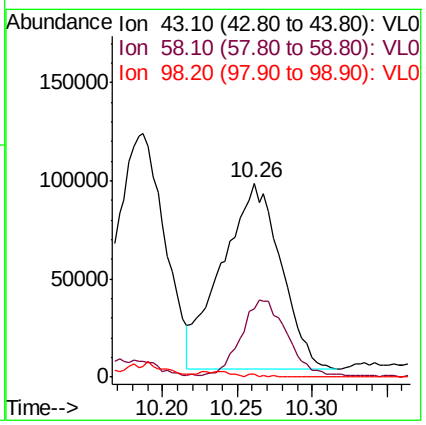


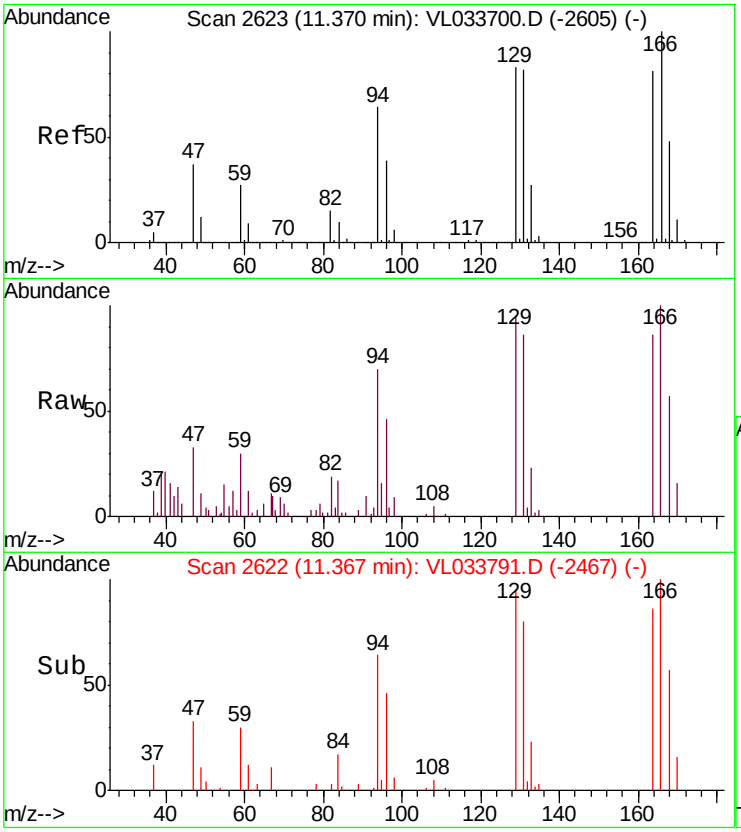


#51
2-Hexanone
Concen: 1.512 ppbv
RT: 10.26 min Scan# 2278
Delta R.T. -0.01 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Tgt Ion: 43 Resp: 259997

Ion	Ratio	Lower	Upper
43	100		
58	32.8	38.7	58.1#
98	2.0	0.2	0.4#



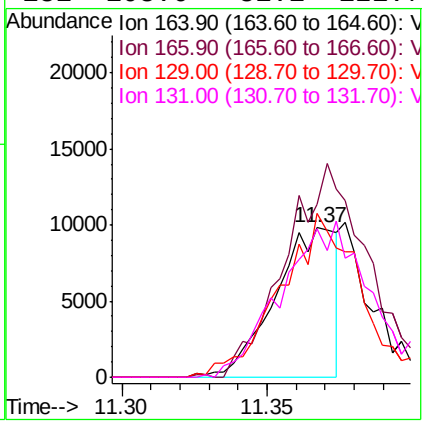


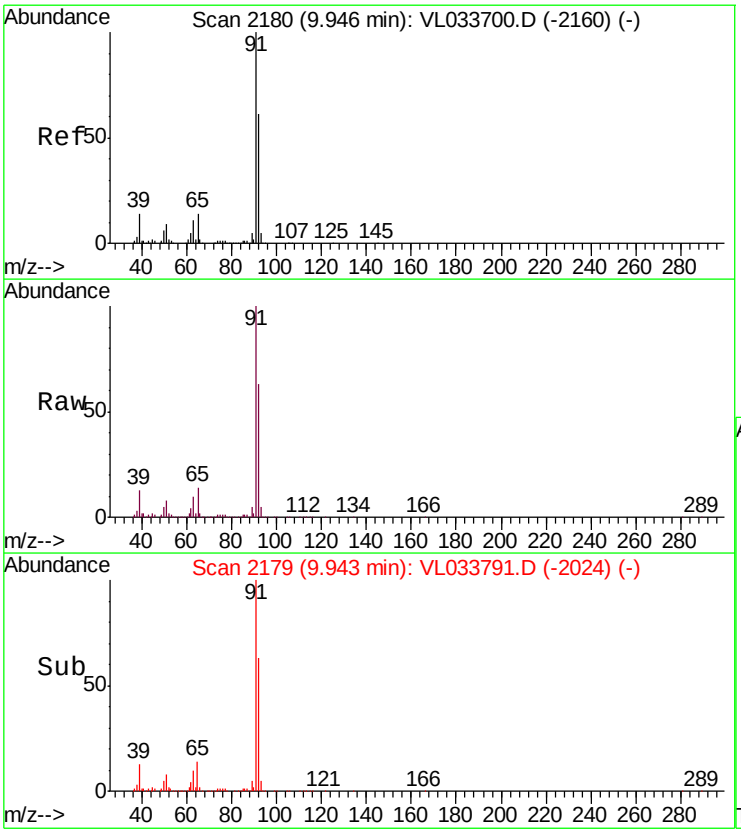
#52
Tetrachloroethene
Concen: 0.195 ppbv
RT: 11.37 min Scan# 2622
Delta R.T. -0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3009-55

Tgt Ion:164 Resp: 14380

Ion	Ratio	Lower	Upper
164	100		
166	116.1	98.9	148.3
129	109.8	81.8	122.6
131	103.6	81.1	121.7

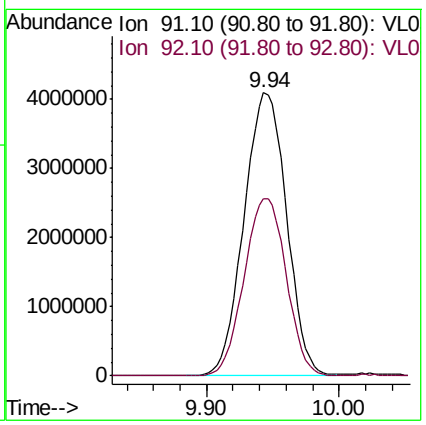


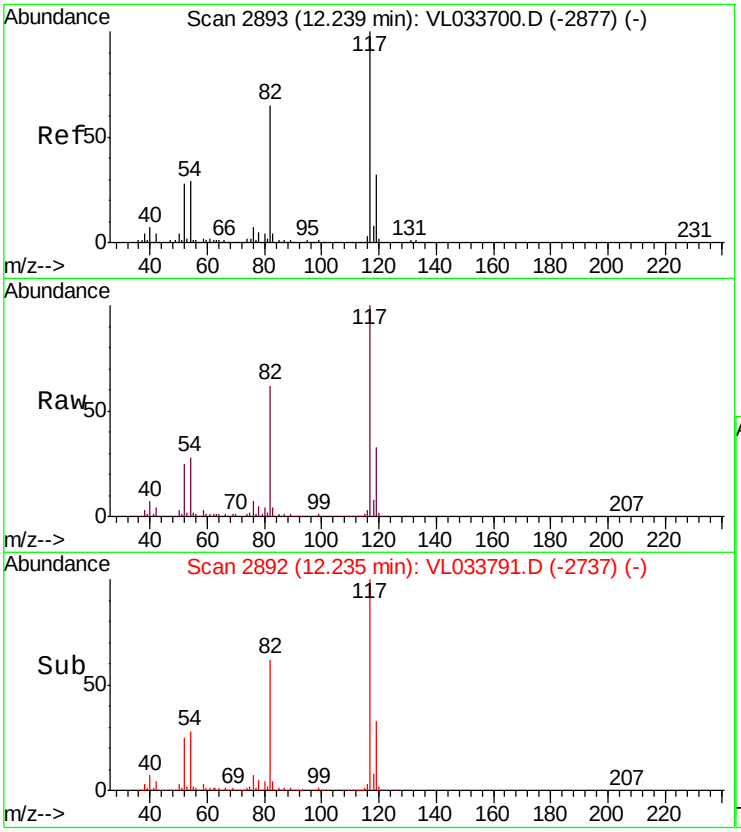


#53
Toluene
Concen: 40.329 ppbv
RT: 9.94 min Scan# 2179
Delta R.T. -0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Tgt Ion: 91 Resp: 9141111

Ion	Ratio	Lower	Upper
91	100		
92	62.1	47.6	71.4



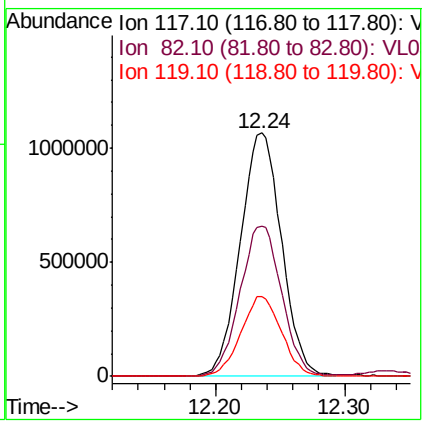


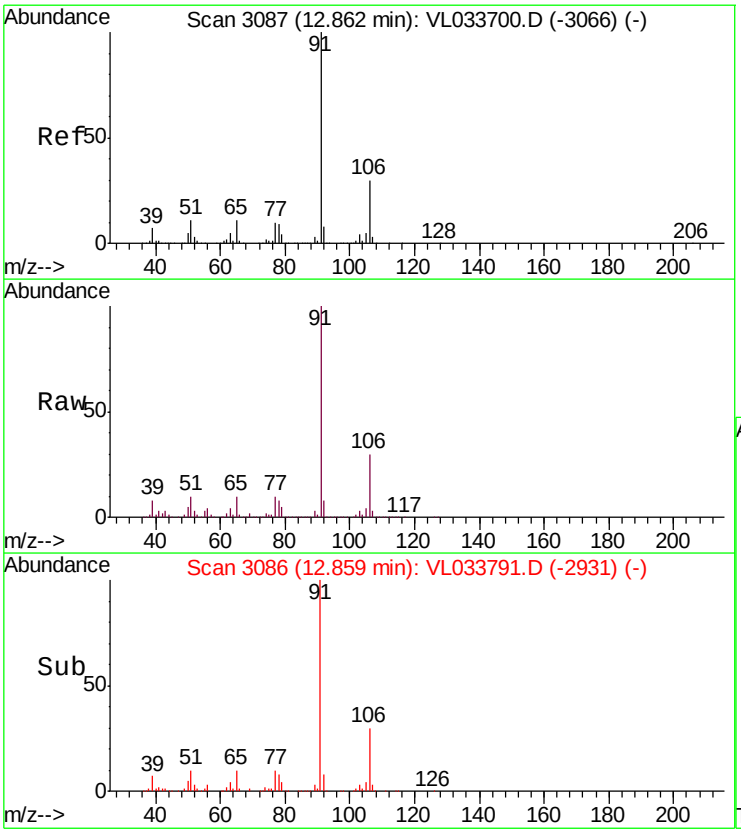
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3009-55

Tgt Ion:117 Resp: 2376762

Ion	Ratio	Lower	Upper
117	100		
82	62.5	49.4	74.0
119	32.5	24.9	37.3

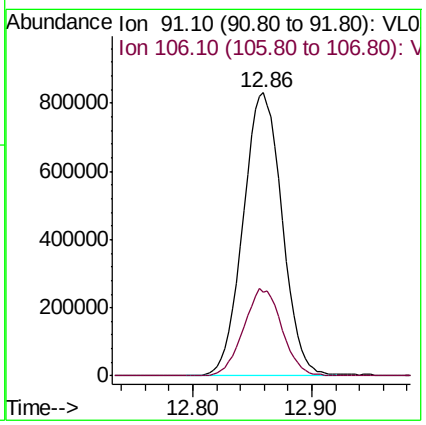


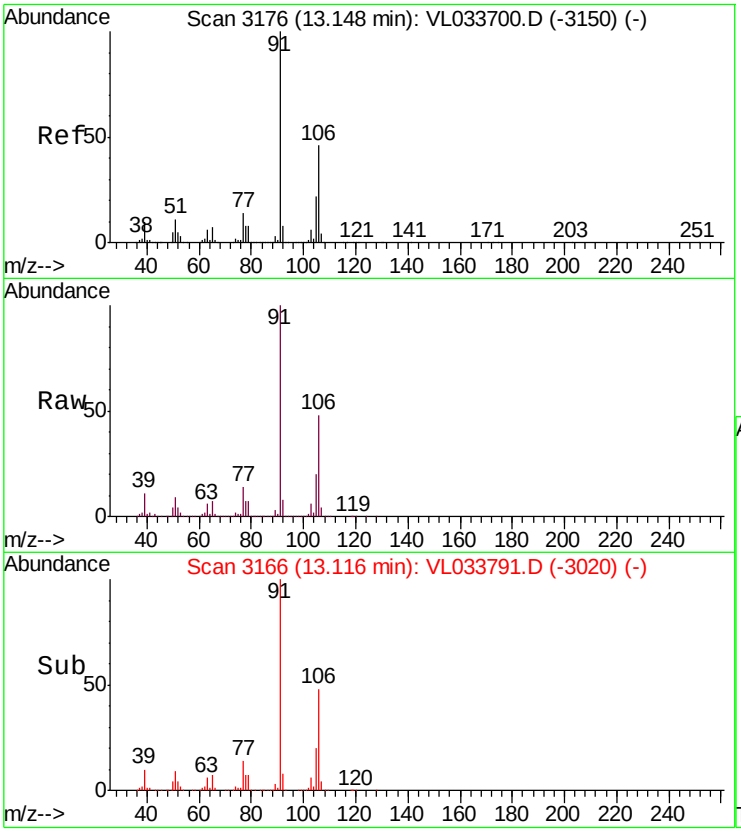


#58
Ethyl Benzene
Concen: 5.973 ppbv
RT: 12.86 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Tgt Ion: 91 Resp: 1879894

Ion	Ratio	Lower	Upper
91	100		
106	29.8	23.9	35.9



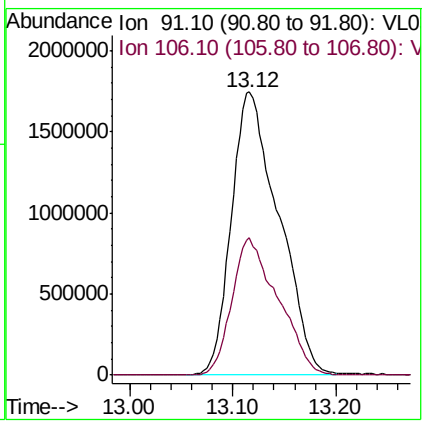


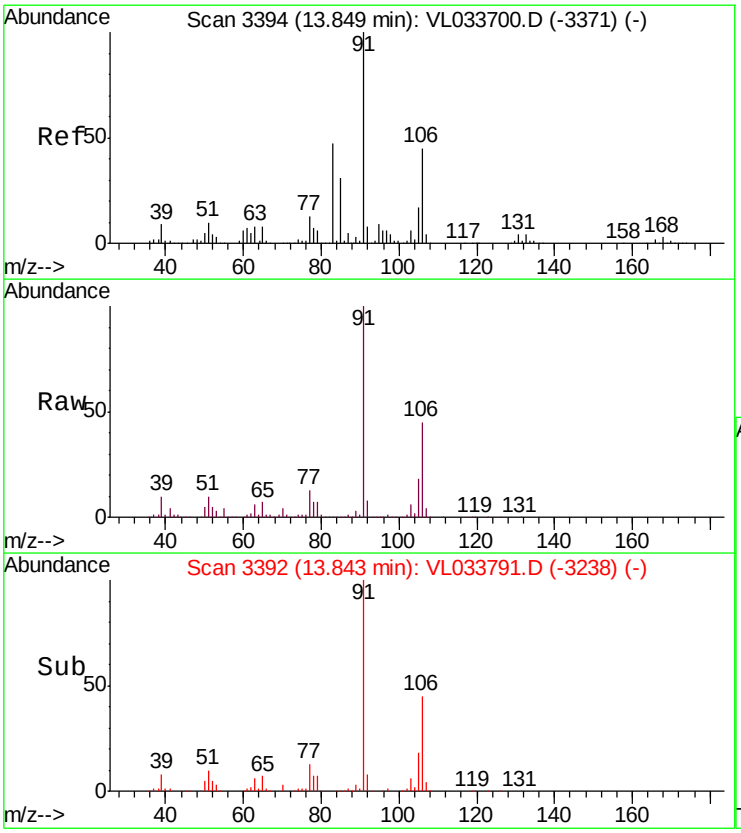
#59
m/p-Xylene
Concen: 20.242 ppbv
RT: 13.12 min Scan# 3166
Delta R.T. -0.03 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3009-55

Tgt Ion: 91 Resp: 5569342

Ion	Ratio	Lower	Upper
91	100		
106	47.7	35.8	53.6

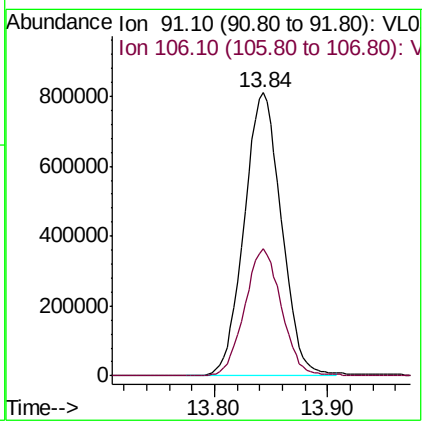


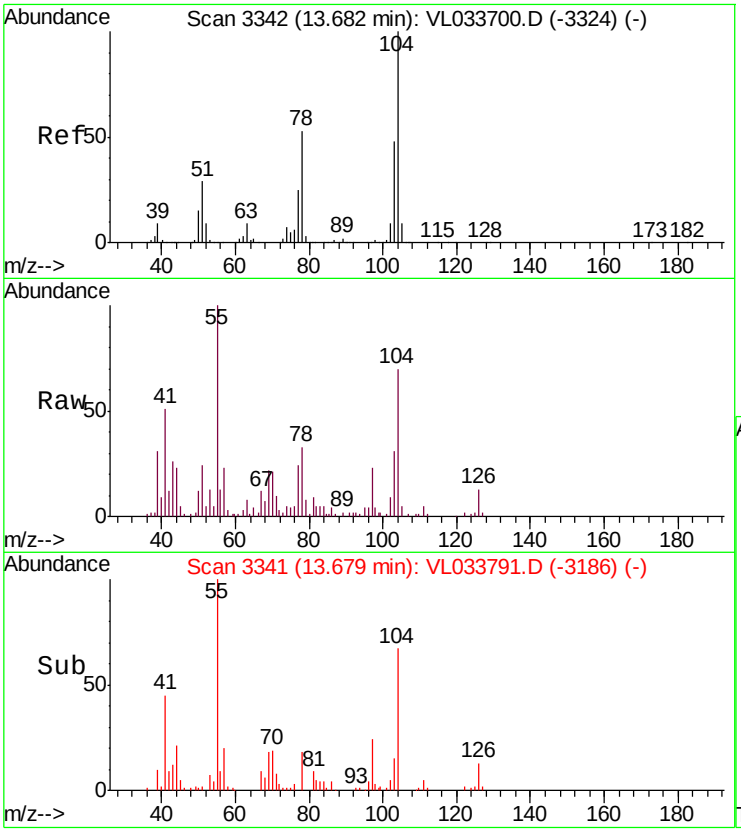


#60
o-Xylene
Concen: 6.677 ppbv
RT: 13.84 min Scan# 3392
Delta R.T. -0.01 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Tgt Ion: 91 Resp: 1851880

Ion	Ratio	Lower	Upper
91	100		
106	44.6	21.6	64.8



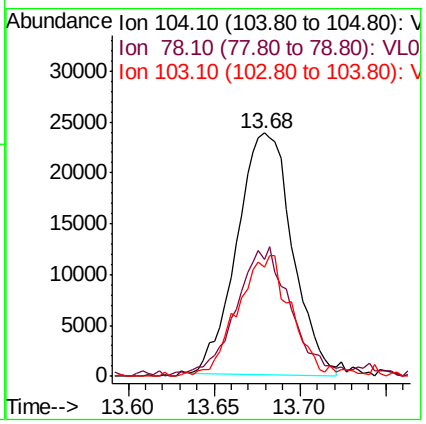


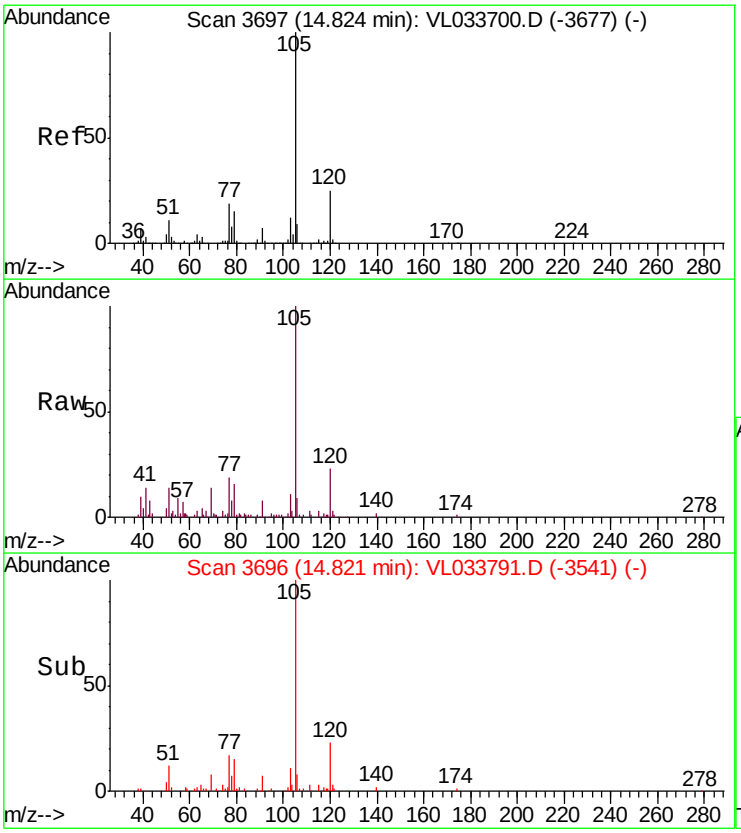
#61
Styrene
Concen: 0.284 ppbv
RT: 13.68 min Scan# 3341
Delta R.T. -0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-55

Tgt Ion:104 Resp: 53021

Ion	Ratio	Lower	Upper
104	100		
78	56.0	42.6	64.0
103	50.3	37.8	56.6

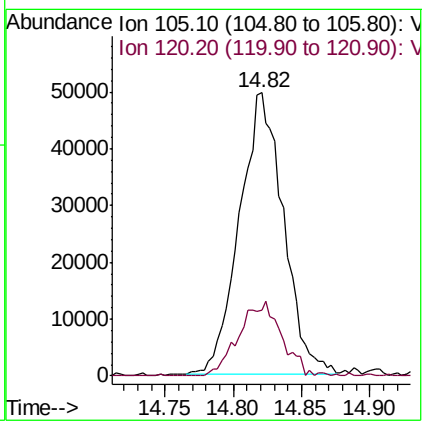


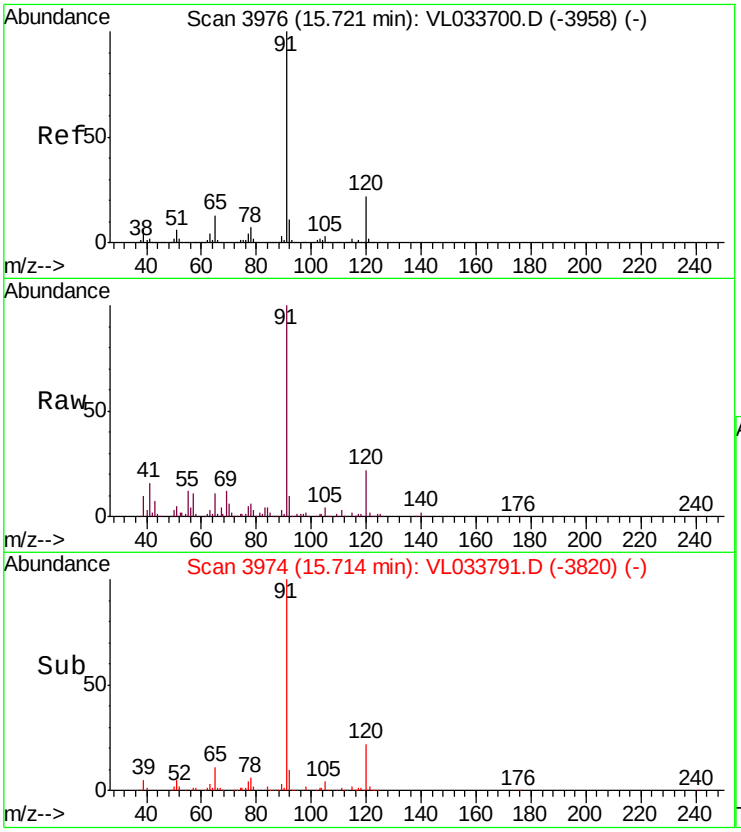


#62
Isopropylbenzene
Concen: 0.297 ppbv
RT: 14.82 min Scan# 3696
Delta R.T. -0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Tgt Ion:105 Resp: 110872

Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.1	30.1



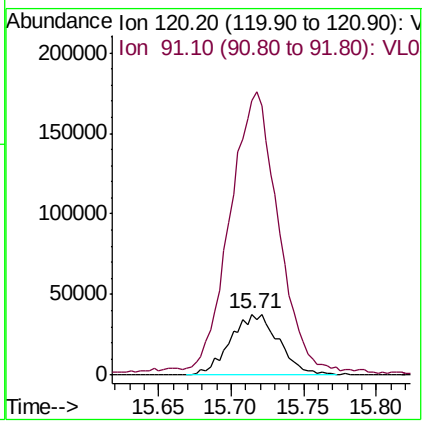


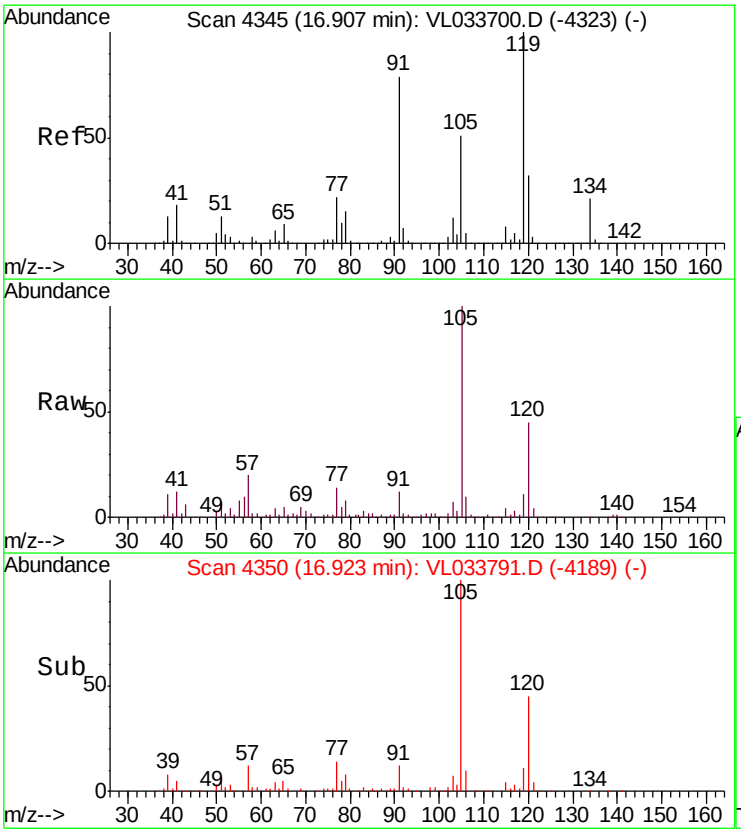
#64
n-propylbenzene
Concen: 0.912 ppbv
RT: 15.71 min Scan# 3974
Delta R.T. -0.01 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-55

Tgt Ion:120 Resp: 88092

Ion	Ratio	Lower	Upper
120	100		
91	468.0	379.1	568.7

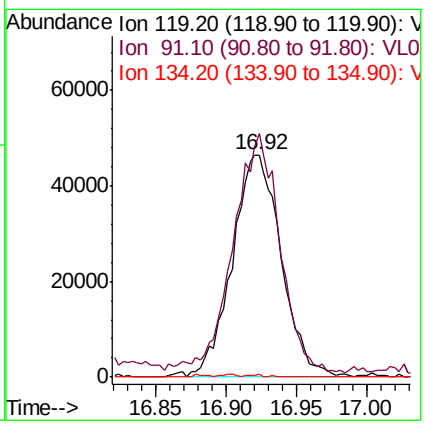


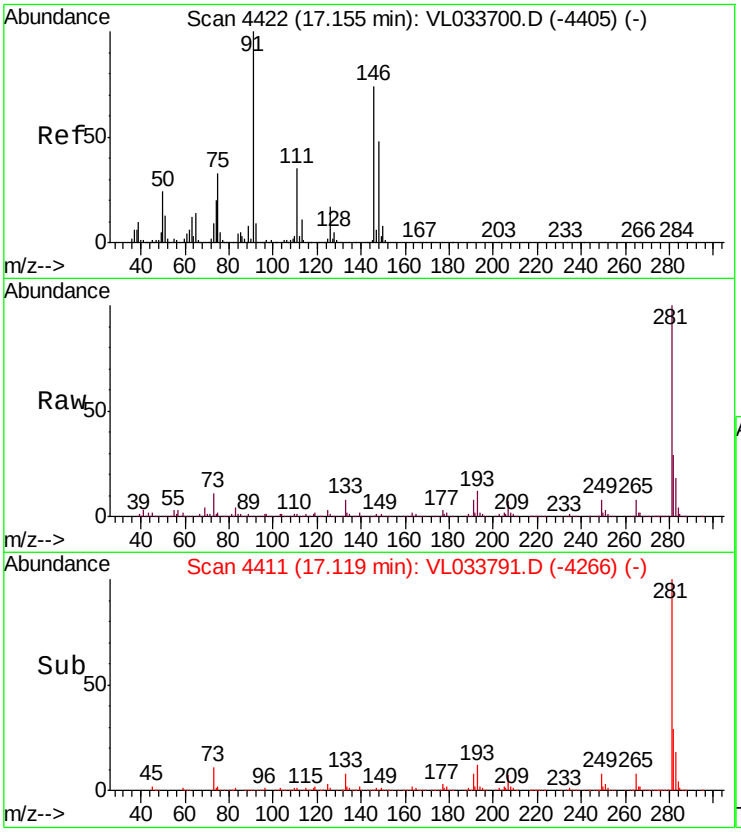


#65
tert-Butylbenzene
Concen: 0.330 ppbv
RT: 16.92 min Scan# 4350
Delta R.T. 0.02 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Tgt Ion:119 Resp: 112482

Ion	Ratio	Lower	Upper
119	100		
91	101.1	65.3	97.9#
134	1.0	15.7	23.5#



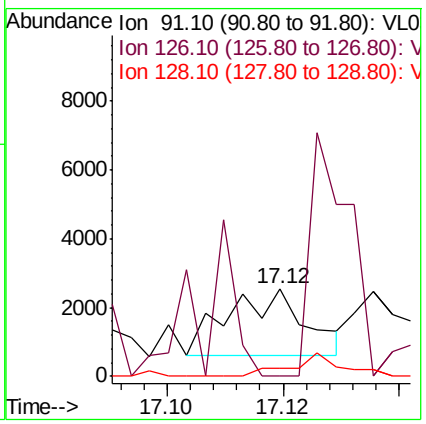


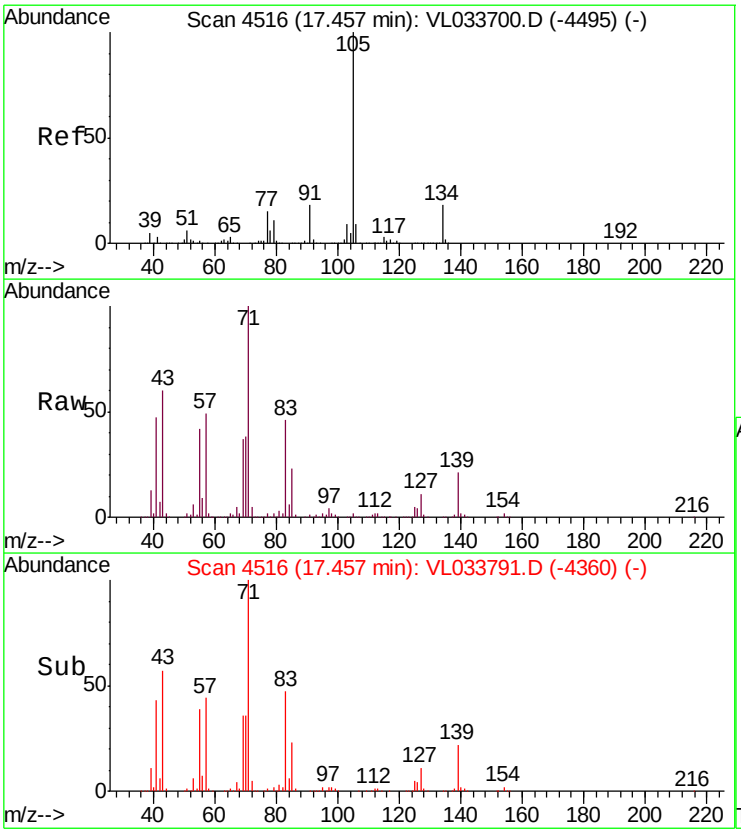
#66
Benzyl Chloride
Concen: 0.011 ppbv
RT: 17.12 min Scan# 4411
Delta R.T. -0.04 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-55

Tgt Ion: 91 Resp: 1757

Ion	Ratio	Lower	Upper
91	100		
126	338.2	13.5	20.3#
128	0.0	4.3	6.5#

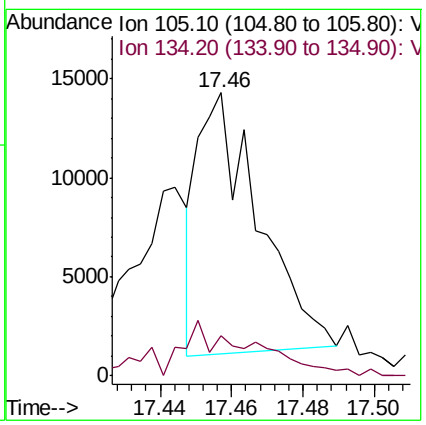


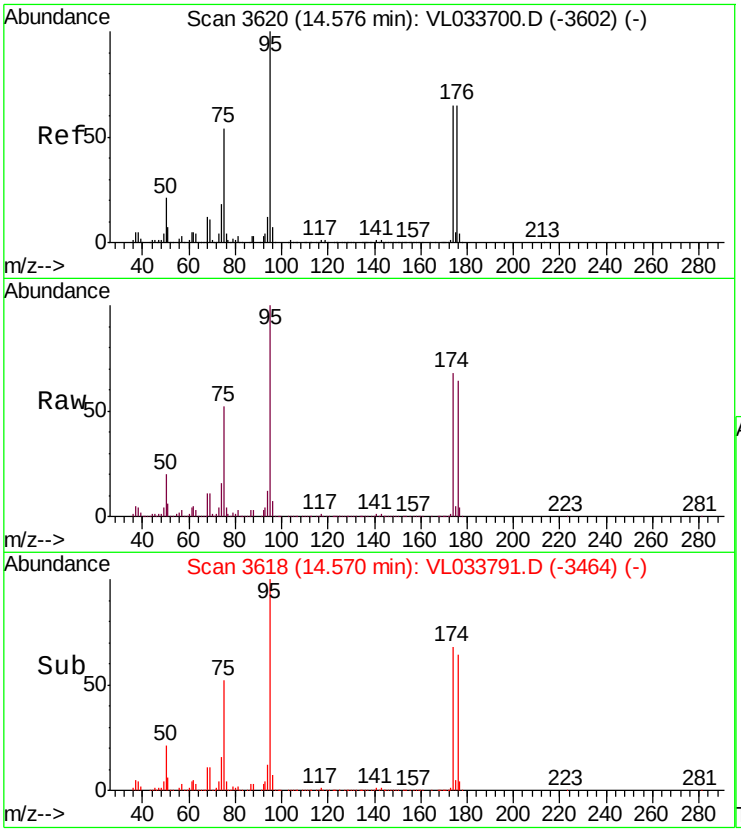


#67
sec-Butylbenzene
Concen: 0.032 ppbv
RT: 17.46 min Scan# 4516
Delta R.T. 0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Tgt Ion:105 Resp: 15433

Ion	Ratio	Lower	Upper
105	100		
134	29.4	14.6	22.0#



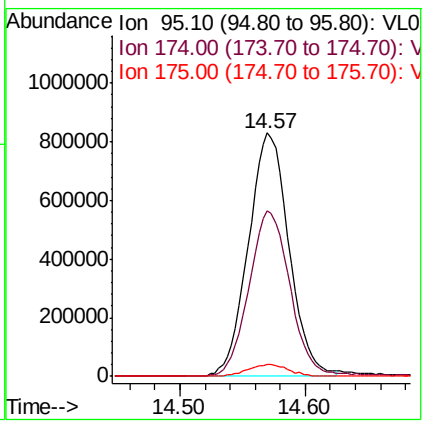


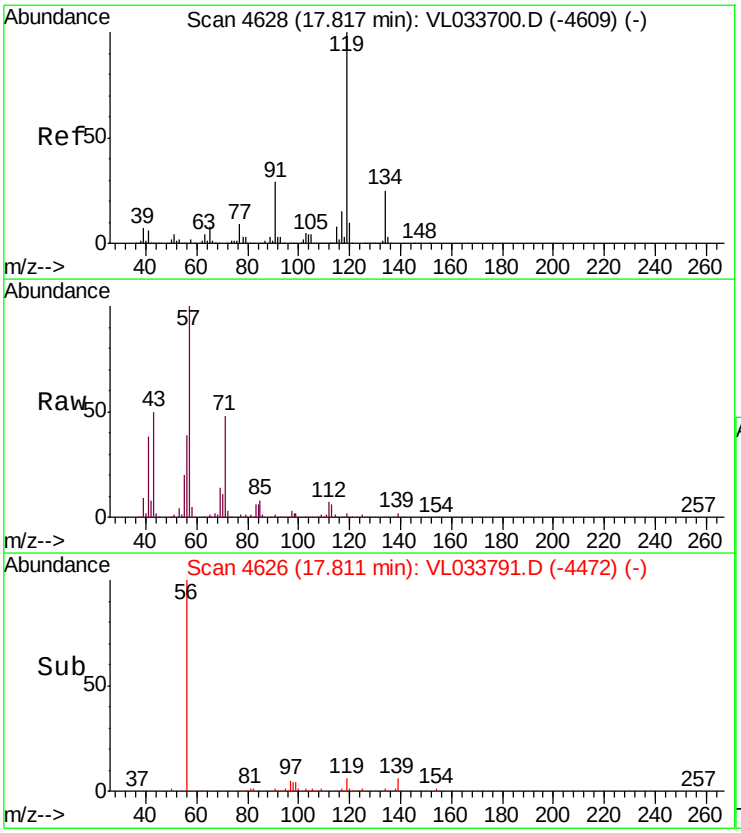
#68
1-Bromo-4-Fluorobenzene
Concen: 9.682 ppbv
RT: 14.57 min Scan# 3618
Delta R.T. -0.01 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-55

Tgt Ion: 95 Resp: 1865440

Ion	Ratio	Lower	Upper
95	100		
174	69.9	53.9	80.9
175	5.1	3.8	5.8

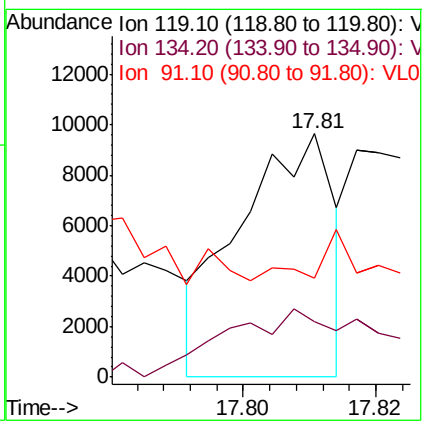


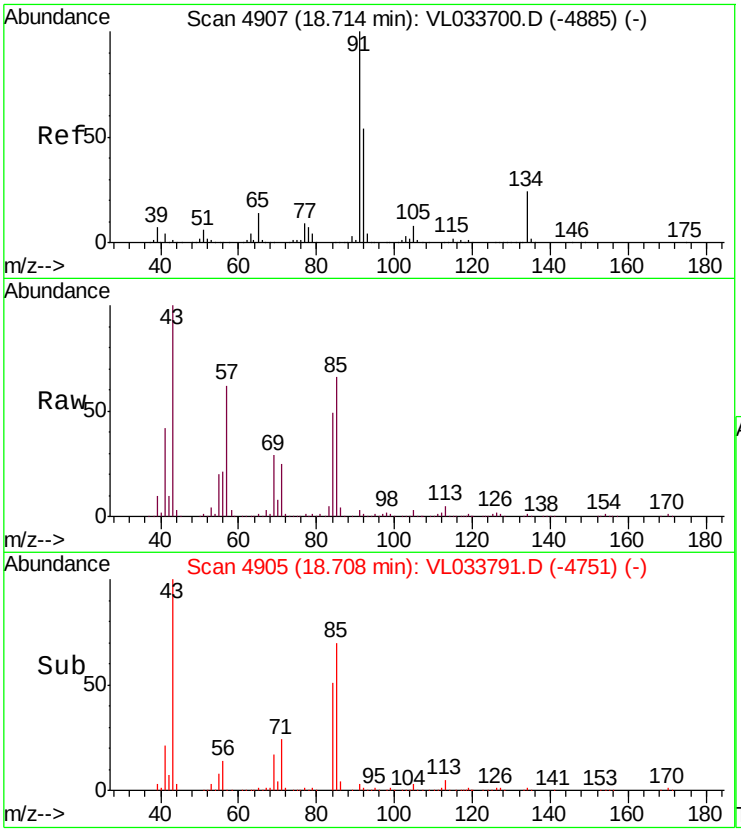


#69
p-Isopropyltoluene
Concen: 0.024 ppbv
RT: 17.81 min Scan# 4626
Delta R.T. -0.01 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Tgt Ion:119 Resp: 9583

Ion	Ratio	Lower	Upper
119	100		
134	58.3	20.3	30.5#
91	0.0	23.1	34.7#



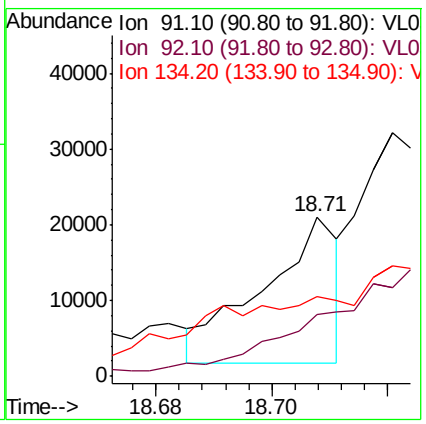


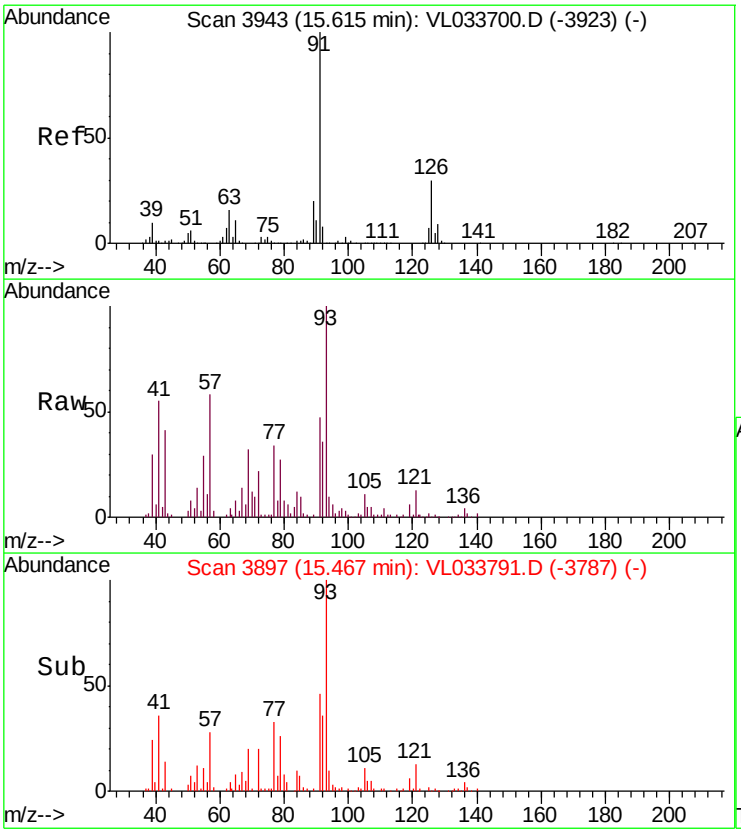
#70
n-Butylbenzene
Concen: 0.041 ppbv
RT: 18.71 min Scan# 4905
Delta R.T. -0.01 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-55

Tgt Ion: 91 Resp: 17424

Ion	Ratio	Lower	Upper
91	100		
92	0.0	42.6	63.8#
134	0.0	18.1	27.1#

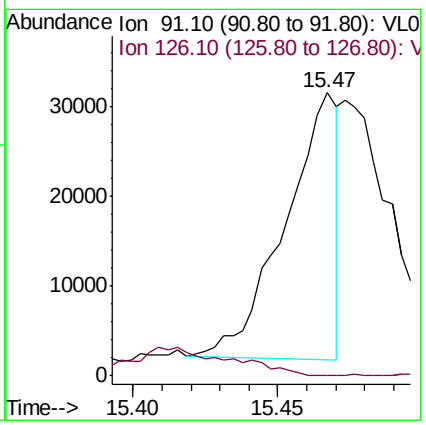


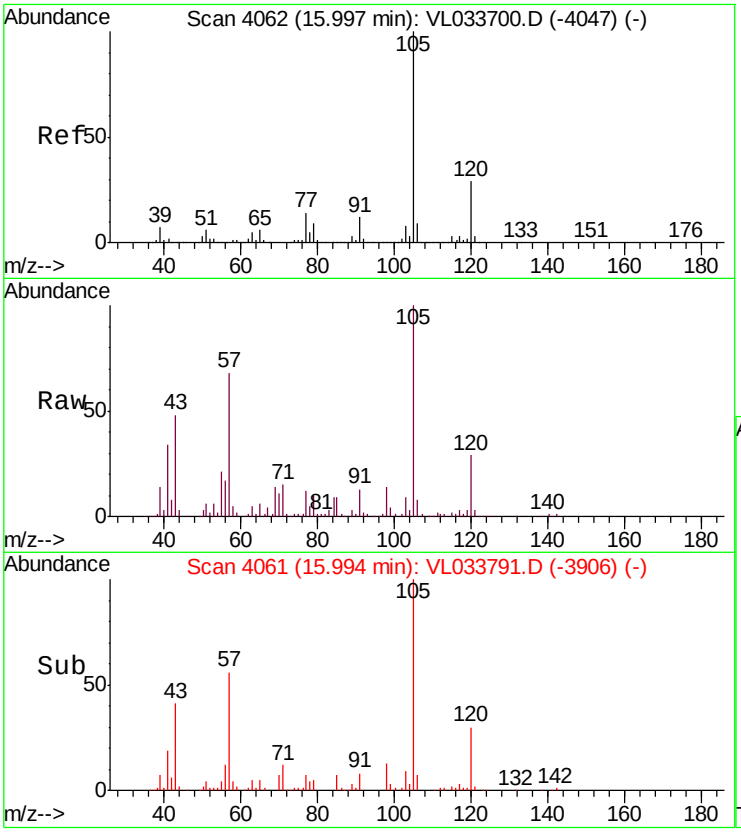


#71
2-Chlorotoluene
Concen: 0.134 ppbv
RT: 15.47 min Scan# 3897
Delta R.T. -0.15 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Tgt Ion: 91 Resp: 37031

Ion	Ratio	Lower	Upper
91	100		
126	23.1	12.0	47.8



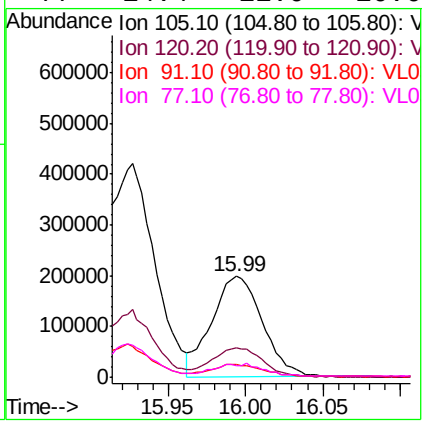


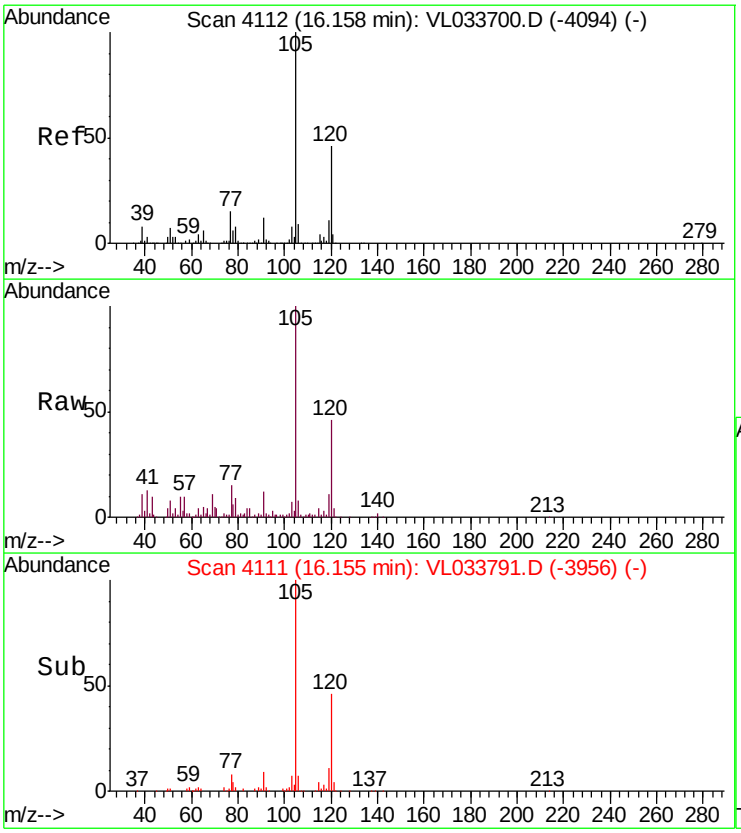
#72
4-Ethyltoluene
Concen: 1.422 ppbv
RT: 15.99 min Scan# 4061
Delta R.T. -0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-55

Tgt Ion:105 Resp: 451075

Ion	Ratio	Lower	Upper
105	100		
120	29.7	23.1	34.7
91	12.6	10.4	15.6
77	14.4	11.0	16.6

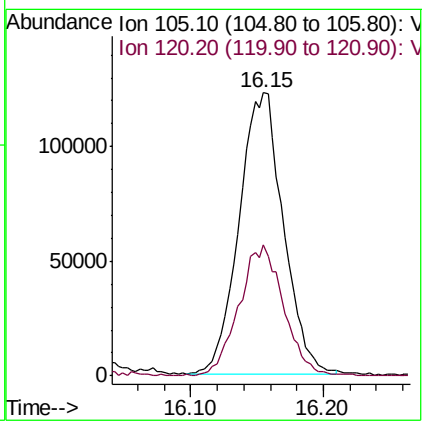


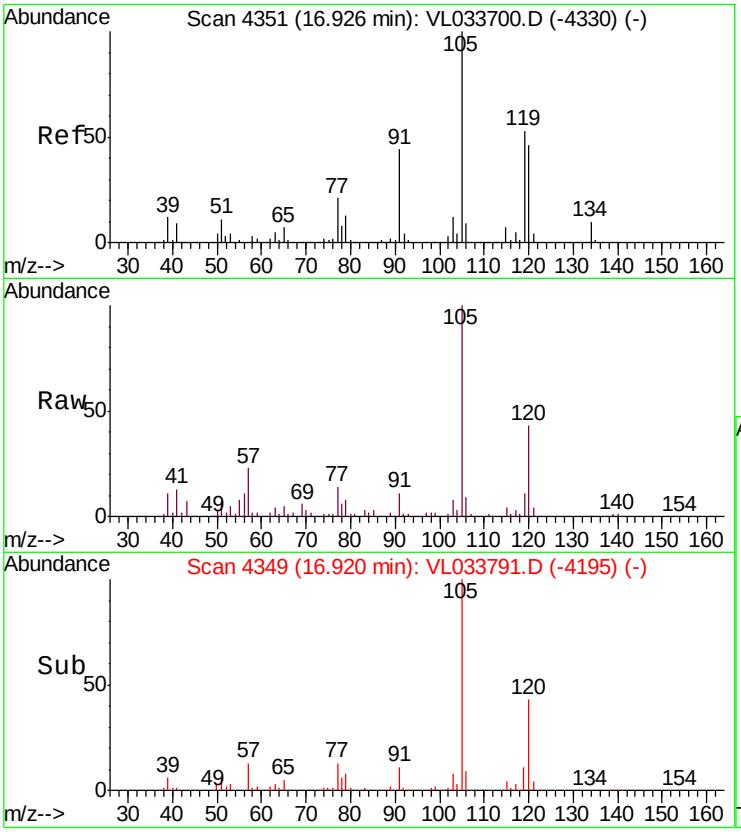


#73
1,3,5-Trimethylbenzene
Concen: 0.917 ppbv
RT: 16.15 min Scan# 4111
Delta R.T. -0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Tgt Ion:105 Resp: 283617

Ion	Ratio	Lower	Upper
105	100		
120	46.0	37.0	55.4



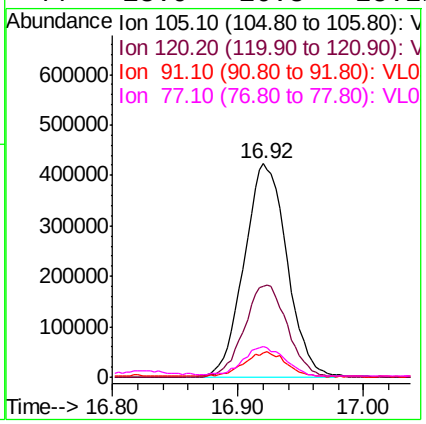


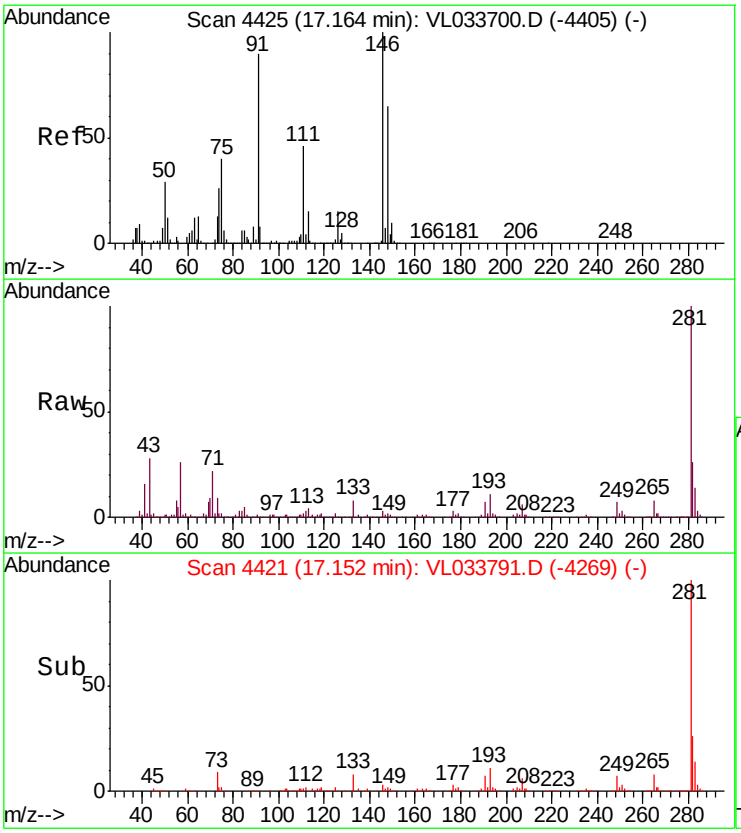
#74
1,2,4-Trimethylbenzene
Concen: 2.990 ppbv
RT: 16.92 min Scan# 4349
Delta R.T. -0.01 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-55

Tgt Ion:105 Resp: 1006809

Ion	Ratio	Lower	Upper
105	100		
120	42.8	36.8	55.2
91	11.0	35.4	53.0#
77	13.9	16.8	25.2#

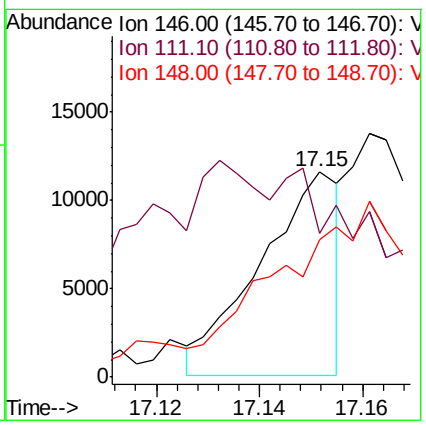


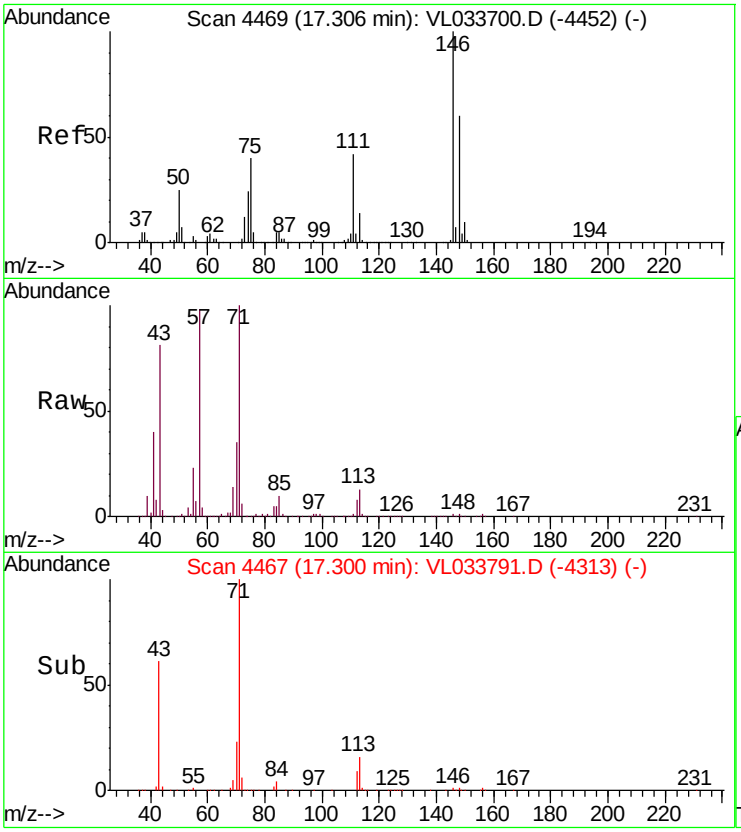


#75
1,3-Dichlorobenzene
Concen: 0.059 ppbv
RT: 17.15 min Scan# 4421
Delta R.T. -0.01 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Tgt Ion:146 Resp: 12271

Ion	Ratio	Lower	Upper
146	100		
111	0.0	22.9	68.8#
148	0.0	32.0	96.2#



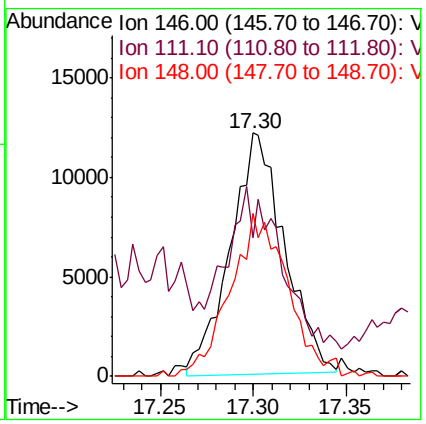


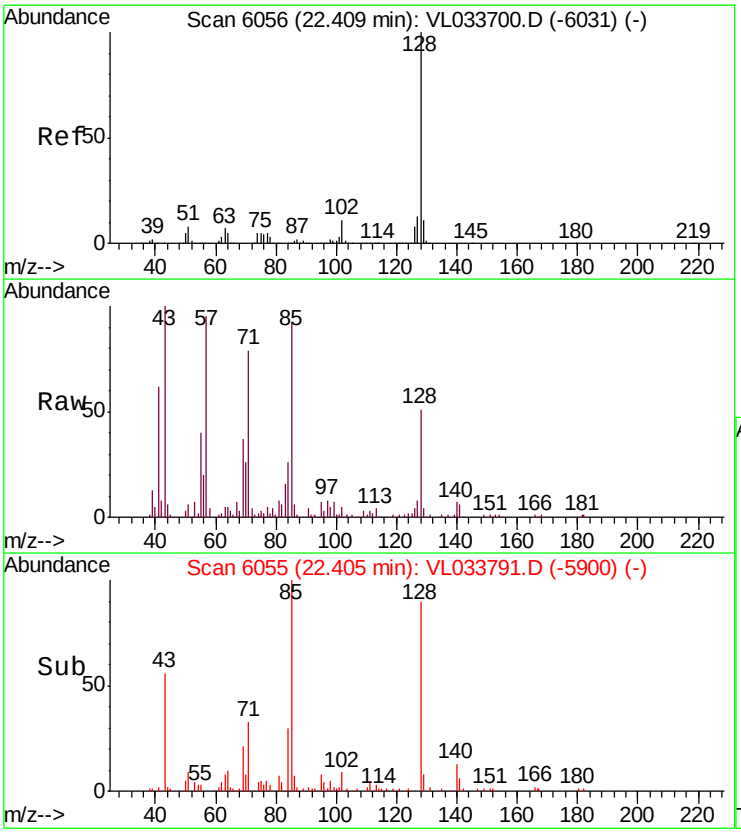
#76
1,4-Dichlorobenzene
Concen: 0.126 ppbv
RT: 17.30 min Scan# 4467
Delta R.T. -0.01 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-55

Tgt Ion:146 Resp: 24727

Ion	Ratio	Lower	Upper
146	100		
111	61.4	21.9	65.8
148	72.2	32.1	96.3

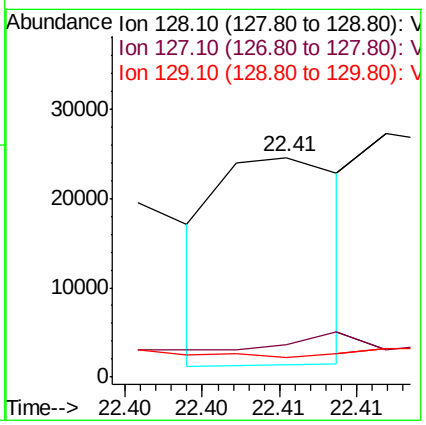


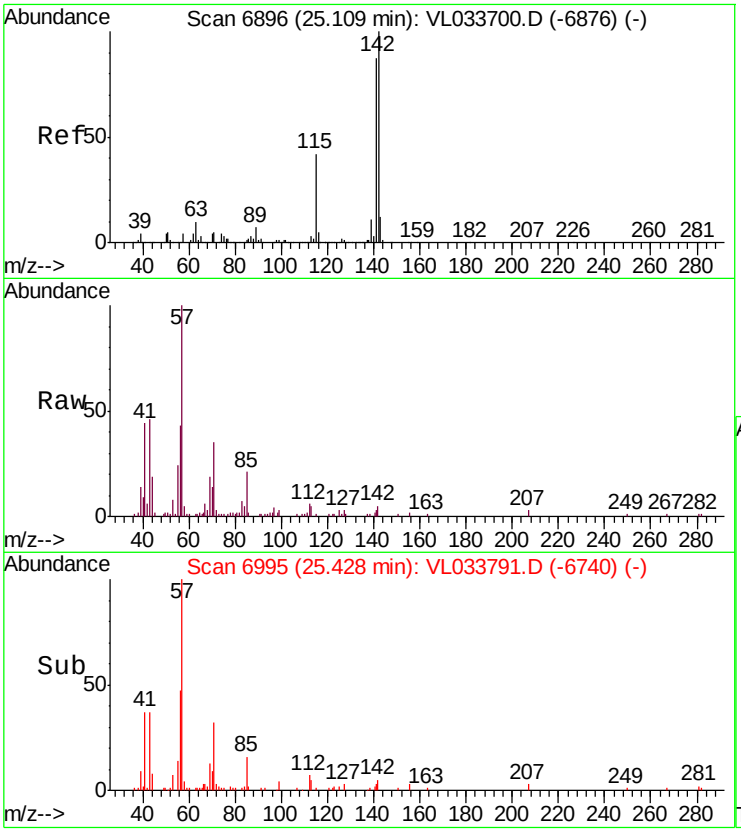


#79
Naphthalene
Concen: 0.042 ppbv
RT: 22.41 min Scan# 6055
Delta R.T. -0.00 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Tgt Ion:128 Resp: 12998

Ion	Ratio	Lower	Upper
128	100		
127	7.6	10.6	16.0#
129	0.0	8.9	13.3#





#80
Naphthalene,2-methyl-
Concen: 0.018 ppbv
RT: 25.43 min Scan# 6995
Delta R.T. 0.32 min
Lab File: VL033791.D
Acq: 24 May 2019 2:44

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-55

Tgt Ion:142 Resp: 2113

Ion	Ratio	Lower	Upper
142	100		
141	100.7	67.2	100.8
115	46.5	34.1	51.1