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

Quantitation Report (Not Reviewed)

Data File : VL033776.D
Acq On : 23 May 2019 16:49
Operator : SY/AP
Sample : K2929-03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3005-25

Quant Time: May 24 04:25:17 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	992998	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.29	114	2577041	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.23	117	2507105	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.57	95	2073181	10.20	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.07	85	75600	0.361	ppbv		92
3) Chlorodifluoromethane	2.99	51	87523	0.769	ppbv	#	71
4) Chloromethane	3.17	50	3936	0.061	ppbv	#	81
8) Dichlorotetrafluoroethane	3.21	85	1734	0.010	ppbv	#	11
9) Propene	3.03	41	942969	19.491	ppbv		93
10) Heptane	8.24	43	419790	3.064	ppbv		98
11) Trichlorofluoromethane	4.00	101	145811	0.730	ppbv		94
12) 1,1,2-Trichlorotrifluoroet	4.55	101	33796	0.242	ppbv		100
13) Ethanol	3.65	45	973935	62.284	ppbv		99
15) Acetone	3.89	43	7893207	57.291	ppbv		92
16) 1,3-Butadiene	3.34	39	725151	13.217	ppbv	#	25
17) tert-Butyl alcohol	4.36	59	293514	2.635	ppbv		99
19) Isopropyl Alcohol	4.03	45	369541	4.160	ppbv	#	94
20) Methylene Chloride	4.41	84	130029	2.451	ppbv		97
21) Allyl Chloride	4.46	41	19883	0.231	ppbv	#	1
23) Vinyl Acetate	5.14	43	101563	0.559	ppbv	#	7
25) Ethyl Acetate	5.77	43	479757	1.982	ppbv	#	94
26) Hexane	5.77	57	361615	3.476	ppbv	#	62
27) Carbon Disulfide	4.62	76	262064	1.836	ppbv		99
29) Chloroform	5.85	83	10084	0.053	ppbv		95
30) Cyclohexane	7.24	84	49101	0.561	ppbv	#	88
31) cis-1,2-Dichloroethene	5.77	61	31428	0.305	ppbv	#	29
32) 1,1,1-Trichloroethane	6.61	97	6404	0.033	ppbv	#	1
34) 2-Butanone	5.32	43	1522860	9.534	ppbv		98
35) Carbon Tetrachloride	7.13	117	2187	0.011	ppbv	#	84
36) Benzene	7.00	78	429880	1.834	ppbv		96
37) 1,2-Dichloroethane	6.41	62	1947	0.013	ppbv	#	83
38) Trichloroethene	7.95	130	2999	0.034	ppbv	#	38
39) 1,2-Dichloropropane	7.28	63	617621	7.067	ppbv	#	22
40) 1,4-Dioxane	7.97	88	603	0.016	ppbv	#	1
41) Tetrahydrofuran	6.16	42	8168	0.091	ppbv	#	30
42) Bromodichloromethane	7.91	83	3139	0.015	ppbv	#	36
43) Methyl Methacrylate	8.12	69	1408	0.016	ppbv	#	1
44) 2,2,4-Trimethylpentane	7.98	57	165931	0.419	ppbv	#	66
50) 4-Methyl-2-Pentanone	8.87	43	50764	0.207	ppbv	#	39
51) 2-Hexanone	10.26	43	297418	1.551	ppbv	#	95
52) Tetrachloroethene	11.37	164	19923	0.242	ppbv		85
53) Toluene	9.94	91	6192050	24.490	ppbv		98
58) Ethyl Benzene	12.85	91	1460987	4.401	ppbv		100
59) m/p-Xylene	13.11	91	4927228	16.977	ppbv		96
60) o-Xylene	13.84	91	1592809	5.444	ppbv		98

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

Quantitation Report (Not Reviewed)

Data File : VL033776.D
Acq On : 23 May 2019 16:49
Operator : SY/AP
Sample : K2929-03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3005-25

Quant Time: May 24 04:25:17 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)
61) Styrene	13.68	104	31314	0.159	ppbv	#	52
62) Isopropylbenzene	14.81	105	100835	0.256	ppbv		98
64) n-propylbenzene	15.71	120	100427	0.985	ppbv		95
65) tert-Butylbenzene	16.92	119	139047	0.387	ppbv	#	68
66) Benzyl Chloride	17.21	91	1887	0.011	ppbv	#	1
67) sec-Butylbenzene	17.45	105	18855	0.037	ppbv		93
69) p-Isopropyltoluene	17.81	119	17368	0.042	ppbv	#	54
70) n-Butylbenzene	18.72	91	137931	0.309	ppbv	#	67
71) 2-Chlorotoluene	15.47	91	53123	0.182	ppbv	#	49
72) 4-Ethyltoluene	15.99	105	547598	1.637	ppbv		100
73) 1,3,5-Trimethylbenzene	16.15	105	369584	1.132	ppbv		99
74) 1,2,4-Trimethylbenzene	16.92	105	1250314	3.520	ppbv	#	75
75) 1,3-Dichlorobenzene	17.16	146	19789	0.091	ppbv	#	23
76) 1,4-Dichlorobenzene	17.30	146	8050	0.039	ppbv	#	1
79) Naphthalene	22.40	128	40363	0.122	ppbv	#	94
80) Naphthalene,2-methyl-	25.11	142	5260	0.042	ppbv	#	78

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

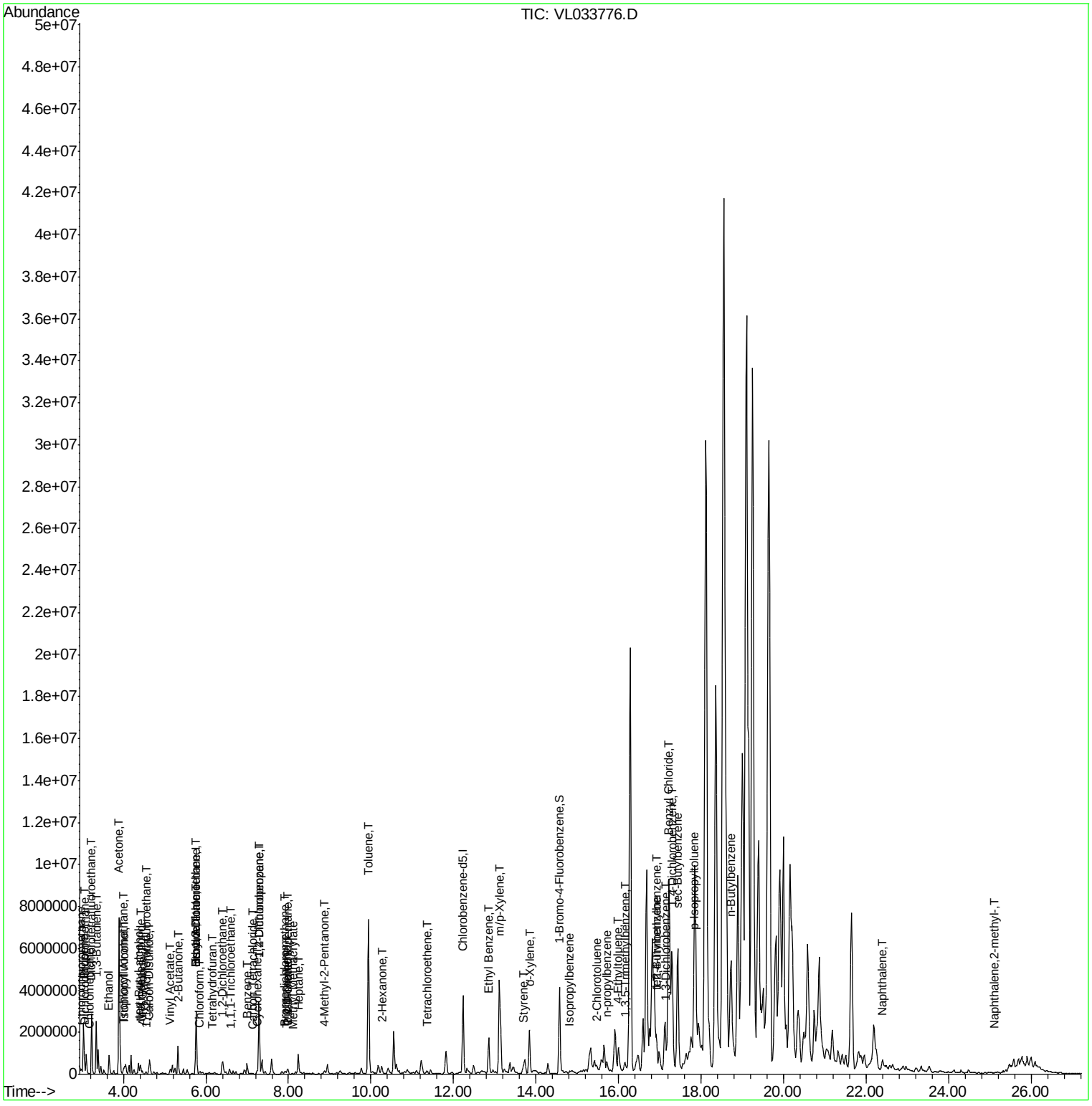
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052319\

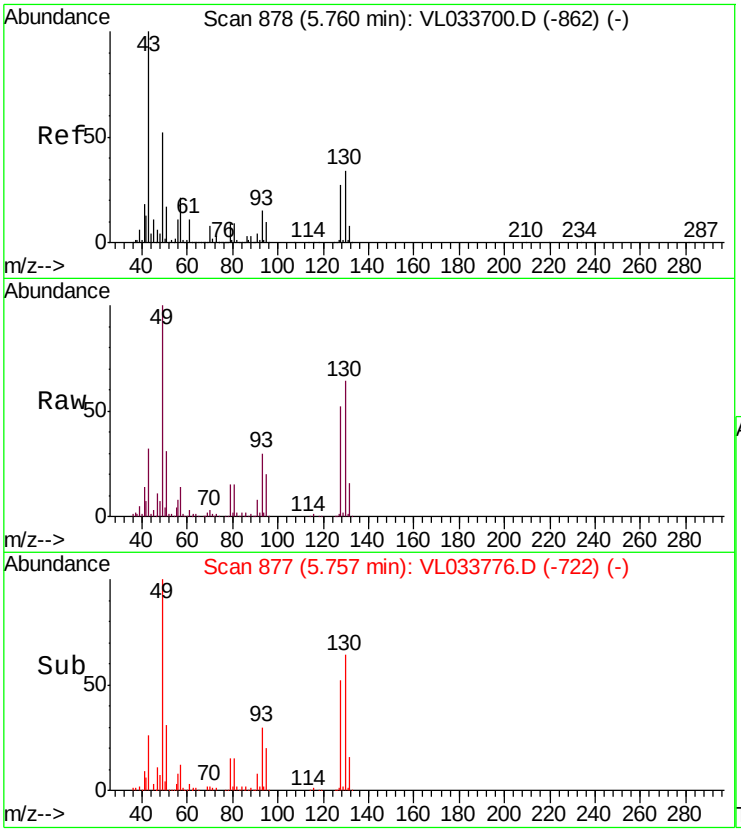
Quantitation Report (Not Reviewed)

Data File : VL033776.D
Acq On : 23 May 2019 16:49
Operator : SY/AP
Sample : K2929-03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3005-25

Quant Time: May 24 04:25:17 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



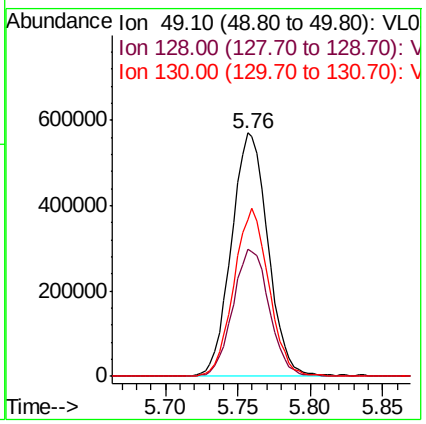


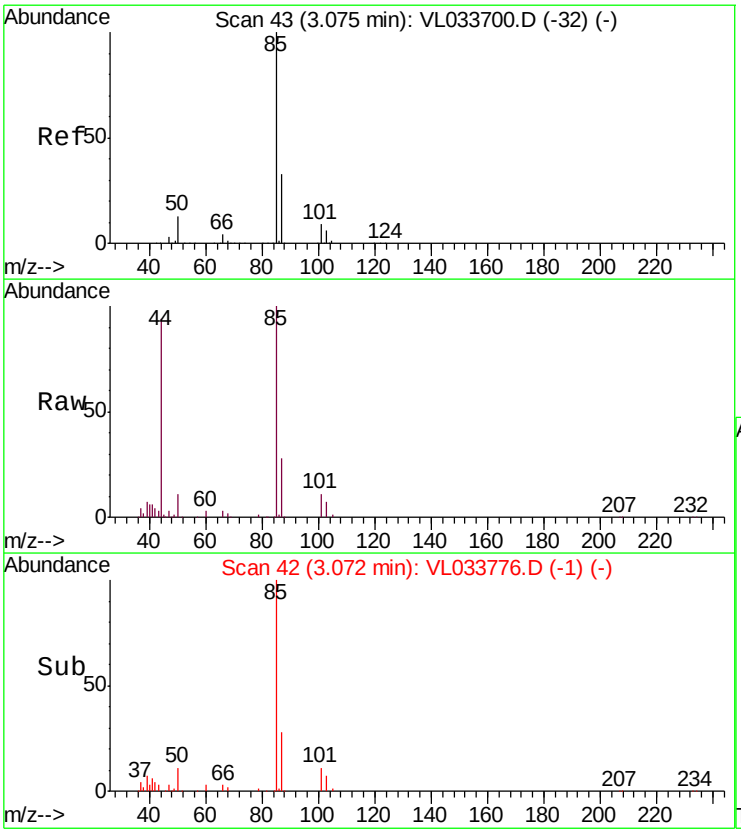
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 877
Delta R.T. -0.00 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3005-25

Tgt Ion: 49 Resp: 992998

Ion	Ratio	Lower	Upper
49	100		
128	52.3	25.2	75.6
130	66.8	32.5	97.5

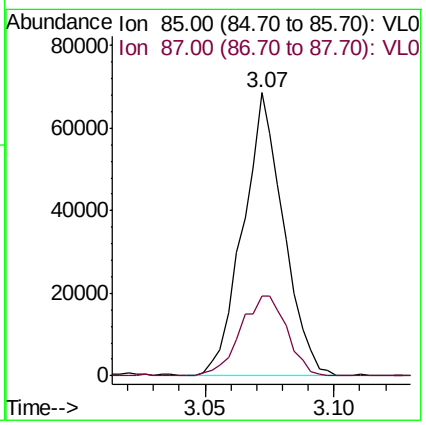


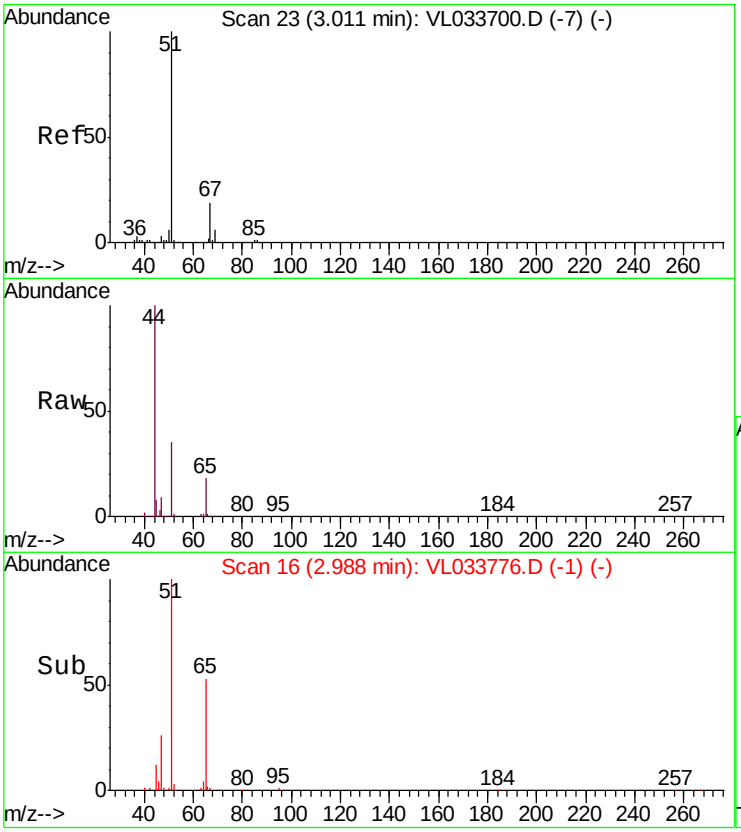


#2
Dichlorodifluoromethane
Concen: 0.361 ppbv
RT: 3.07 min Scan# 42
Delta R.T. -0.00 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Tgt Ion: 85 Resp: 75600

Ion	Ratio	Lower	Upper
85	100		
87	28.1	26.3	39.5



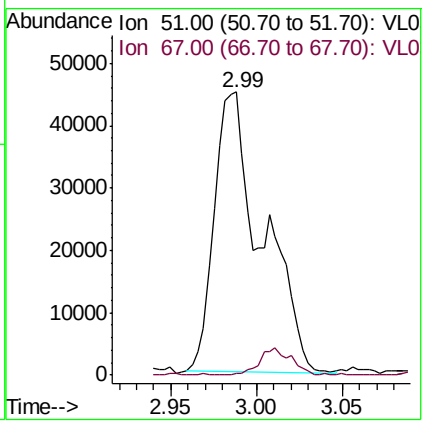


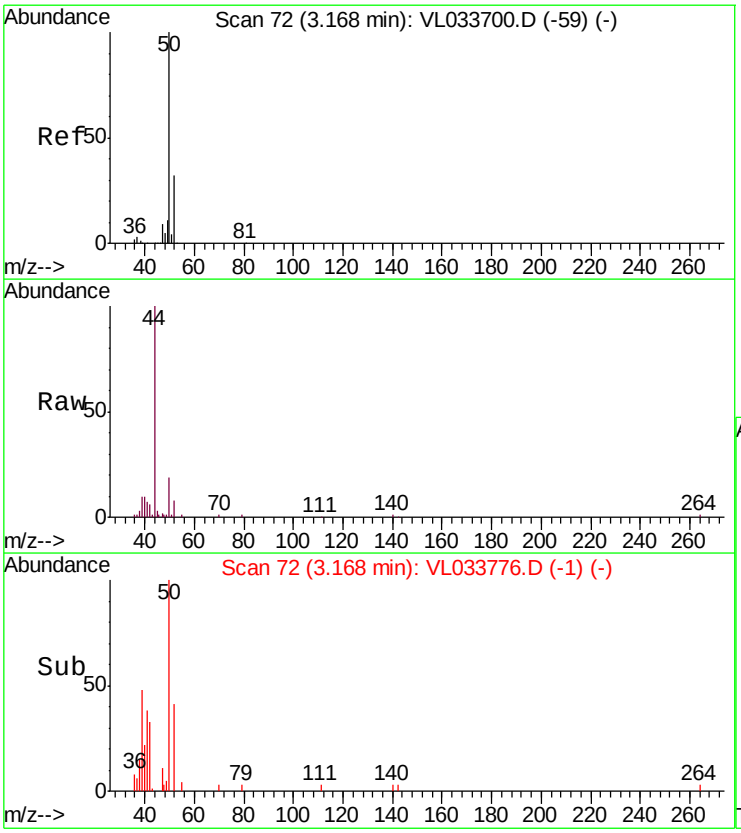
#3
Chlorodifluoromethane
Concen: 0.769 ppbv
RT: 2.99 min Scan# 16
Delta R.T. -0.02 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3005-25

Tgt Ion: 51 Resp: 87523

Ion	Ratio	Lower	Upper
51	100		
67	6.4	15.6	23.4#

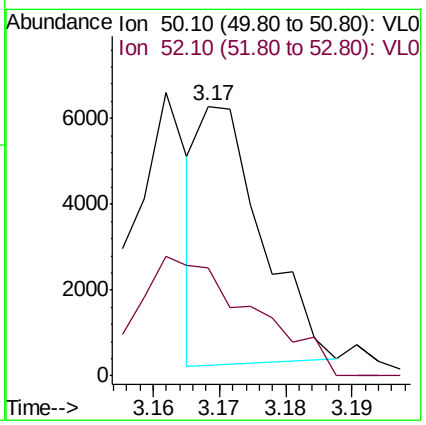


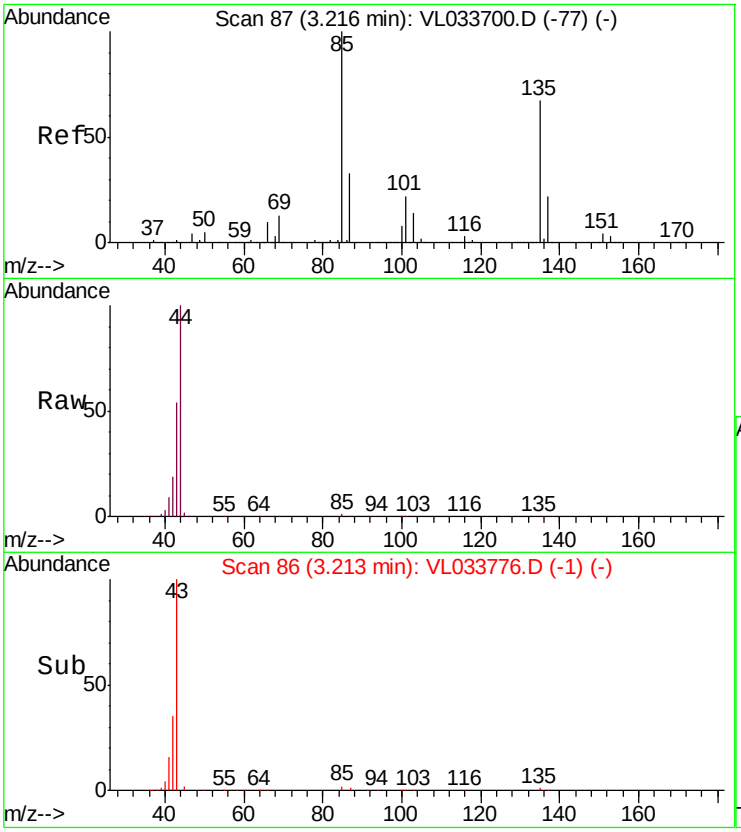


#4
Chloromethane
Concen: 0.061 ppbv
RT: 3.17 min Scan# 72
Delta R.T. 0.00 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Tgt Ion: 50 Resp: 3936

Ion	Ratio	Lower	Upper
50	100		
52	42.5	25.7	38.5#



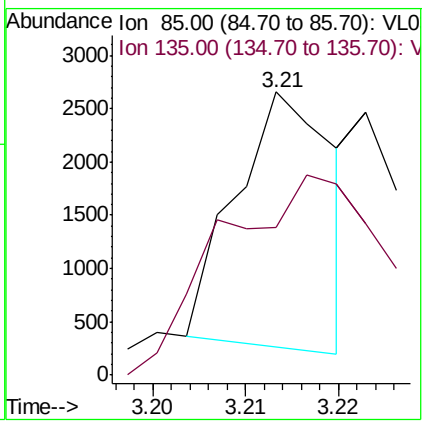


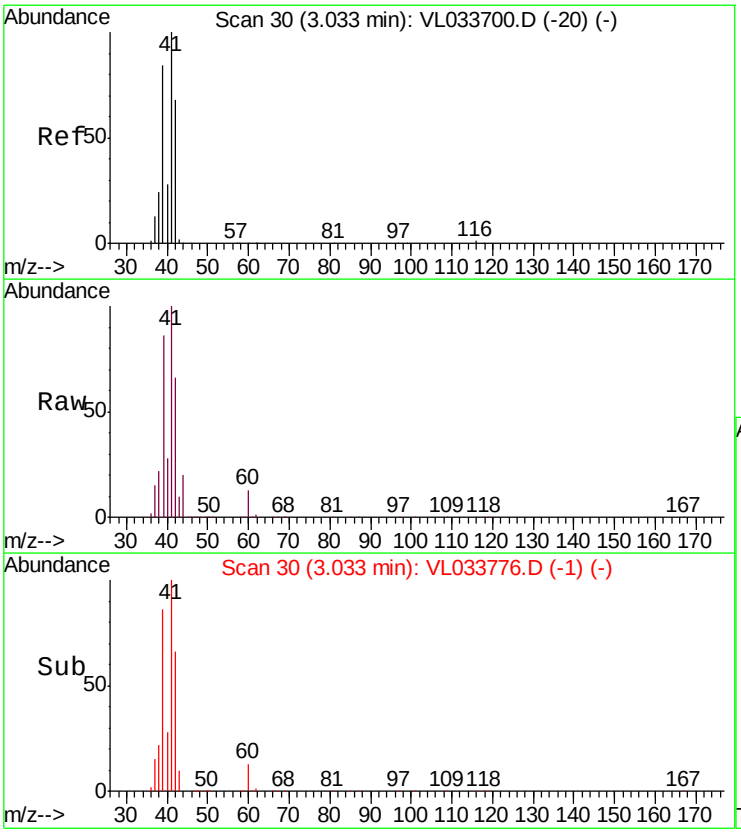
#8
Dichlorotetrafluoroethane
Concen: 0.010 ppbv
RT: 3.21 min Scan# 86
Delta R.T. -0.00 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3005-25

Tgt Ion: 85 Resp: 1734

Ion	Ratio	Lower	Upper
85	100		
135	139.9	54.5	81.7#

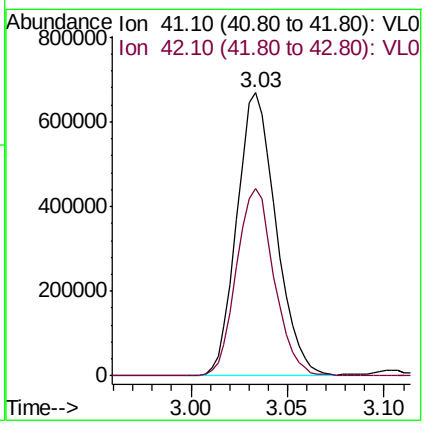


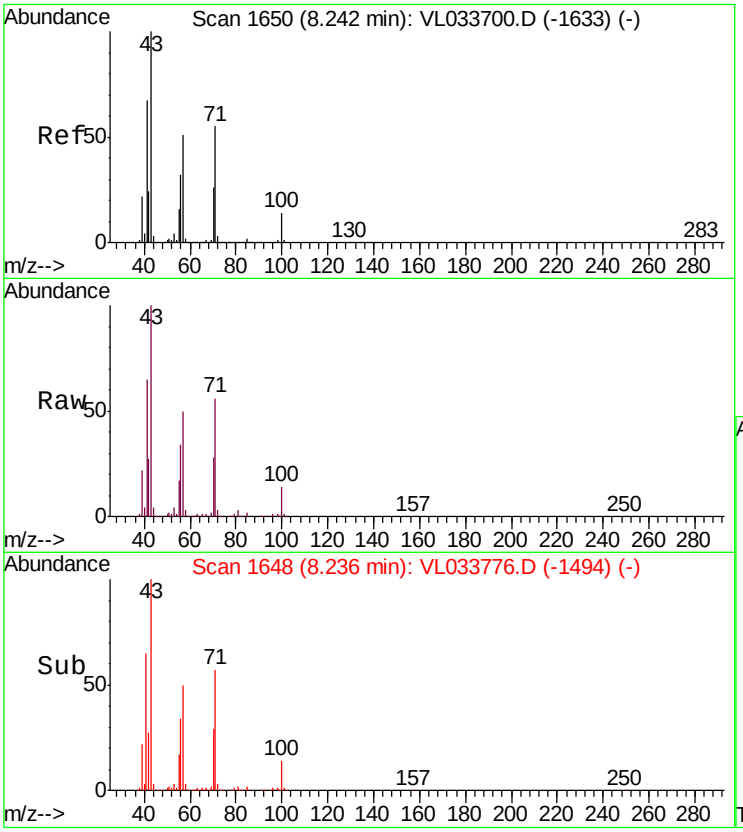


#9
Propene
Concen: 19.491 ppbv
RT: 3.03 min Scan# 30
Delta R.T. 0.00 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Tgt Ion: 41 Resp: 942969

Ion	Ratio	Lower	Upper
41	100		
42	64.1	56.1	84.1



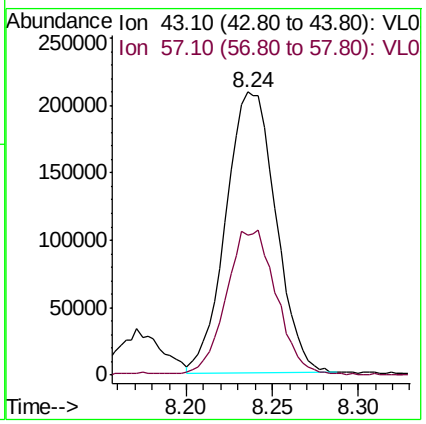


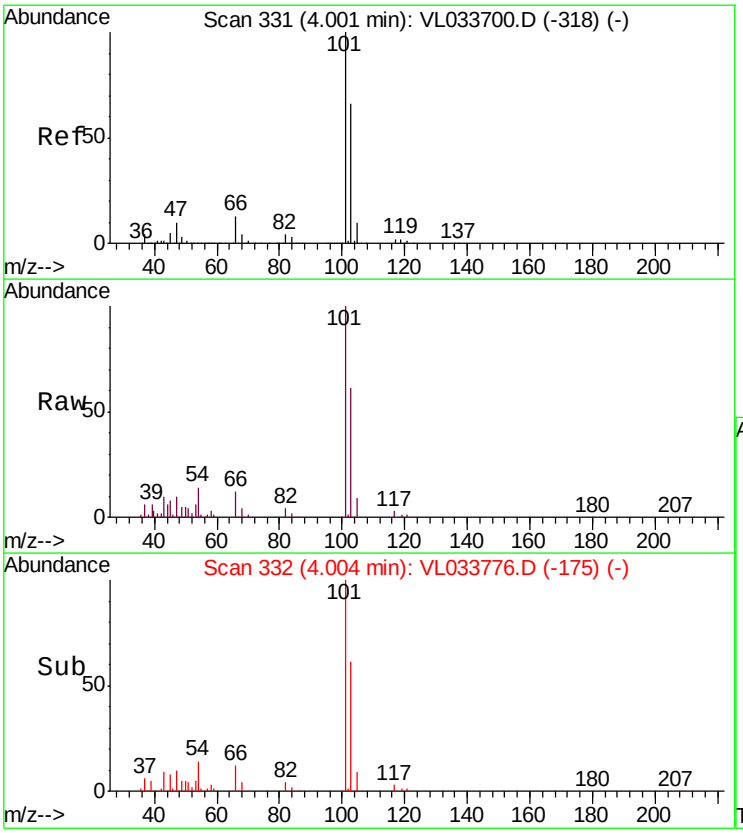
#10
Heptane
Concen: 3.064 ppbv
RT: 8.24 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3005-25

Tgt Ion: 43 Resp: 419790

Ion	Ratio	Lower	Upper
43	100		
57	53.1	41.4	62.0

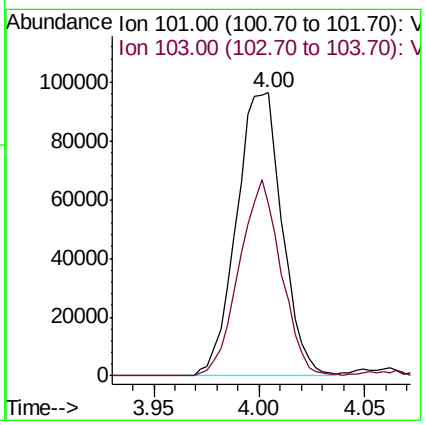


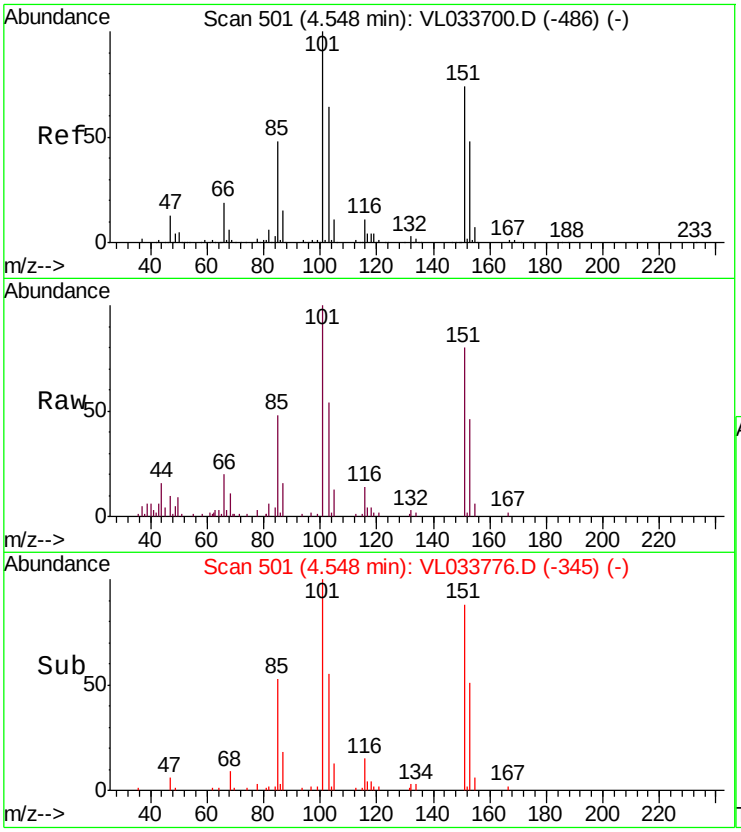


#11
Trichlorofluoromethane
Concen: 0.730 ppbv
RT: 4.00 min Scan# 332
Delta R.T. 0.00 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Tgt Ion:101 Resp: 145811

Ion	Ratio	Lower	Upper
101	100		
103	60.7	52.6	78.8



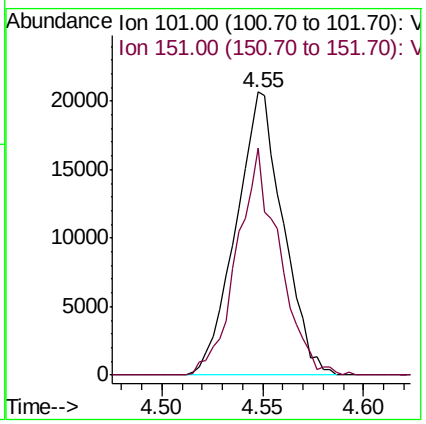


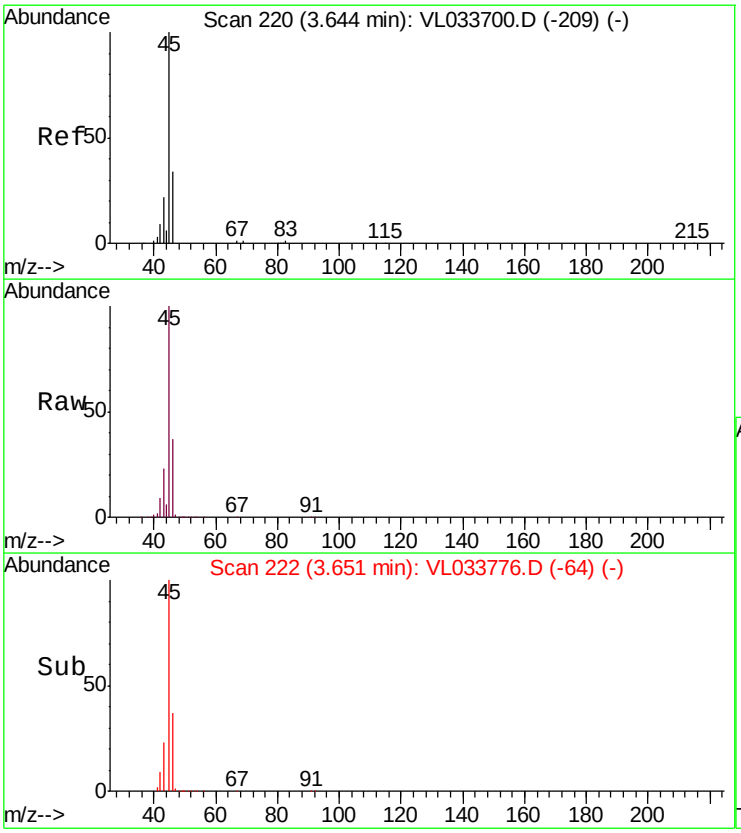
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.242 ppbv
RT: 4.55 min Scan# 501
Delta R.T. 0.00 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3005-25

Tgt Ion:101 Resp: 33796

Ion	Ratio	Lower	Upper
101	100		
151	72.6	58.2	87.4

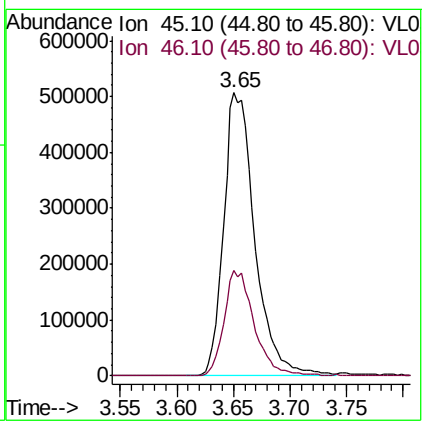


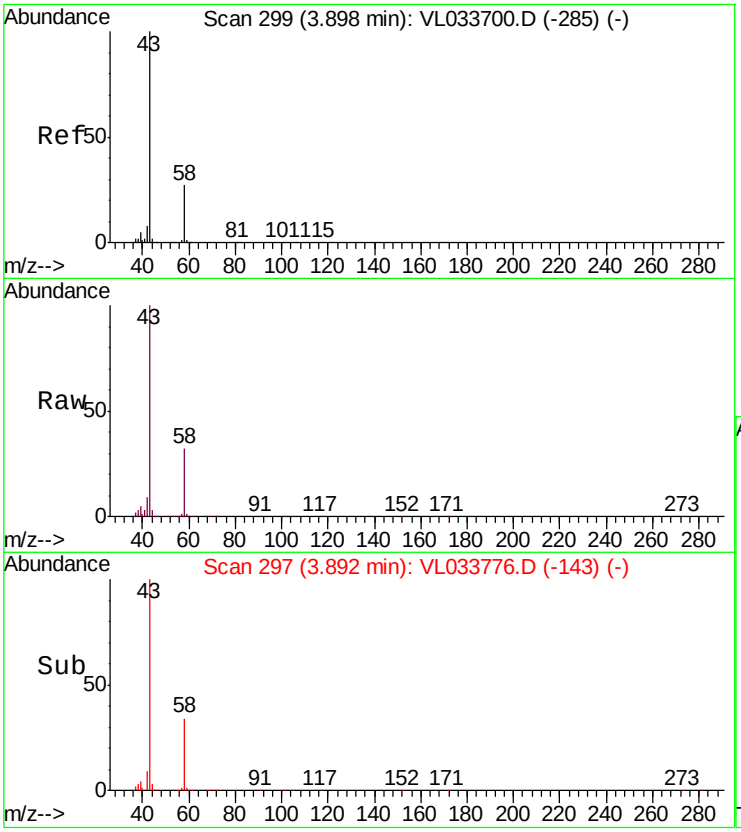


#13
Ethanol
Concen: 62.284 ppbv
RT: 3.65 min Scan# 222
Delta R.T. 0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Tgt Ion: 45 Resp: 973935

Ion	Ratio	Lower	Upper
45	100		
46	36.5	14.8	59.0



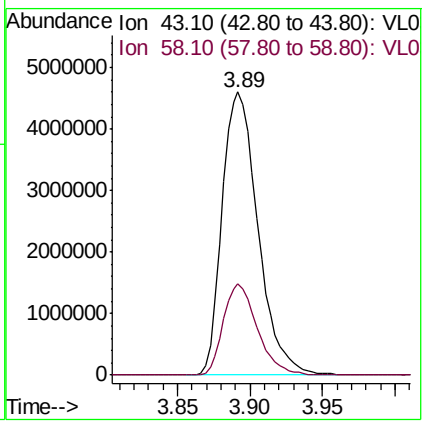


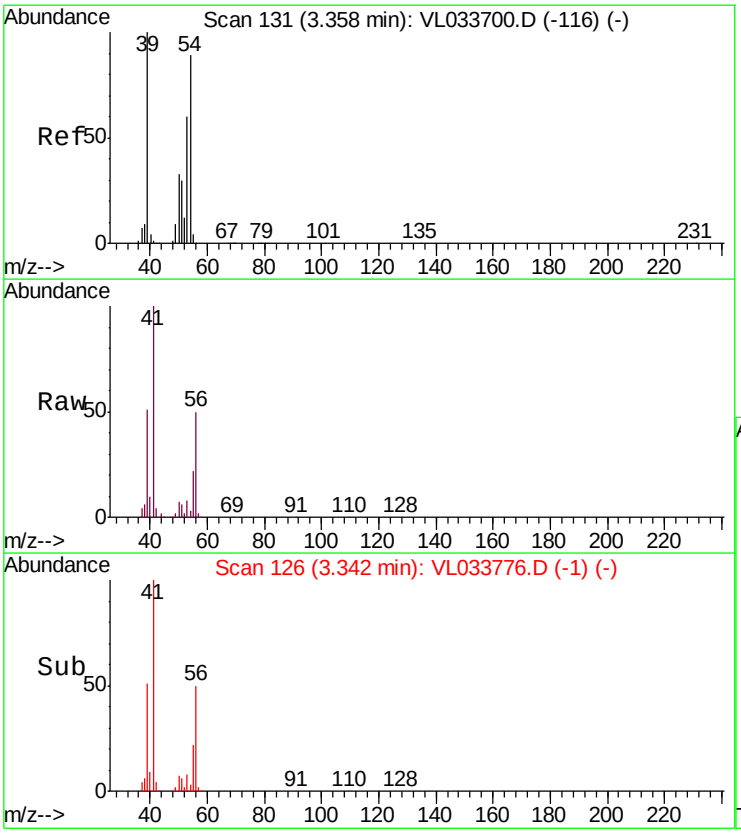
#15
Acetone
Concen: 57.291 ppbv
RT: 3.89 min Scan# 297
Delta R.T. -0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3005-25

Tgt Ion: 43 Resp: 7893207

Ion	Ratio	Lower	Upper
43	100		
58	30.8	21.3	31.9

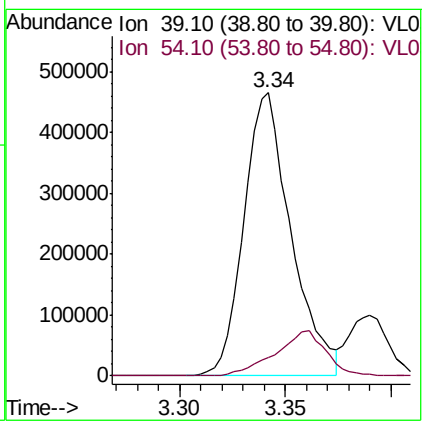


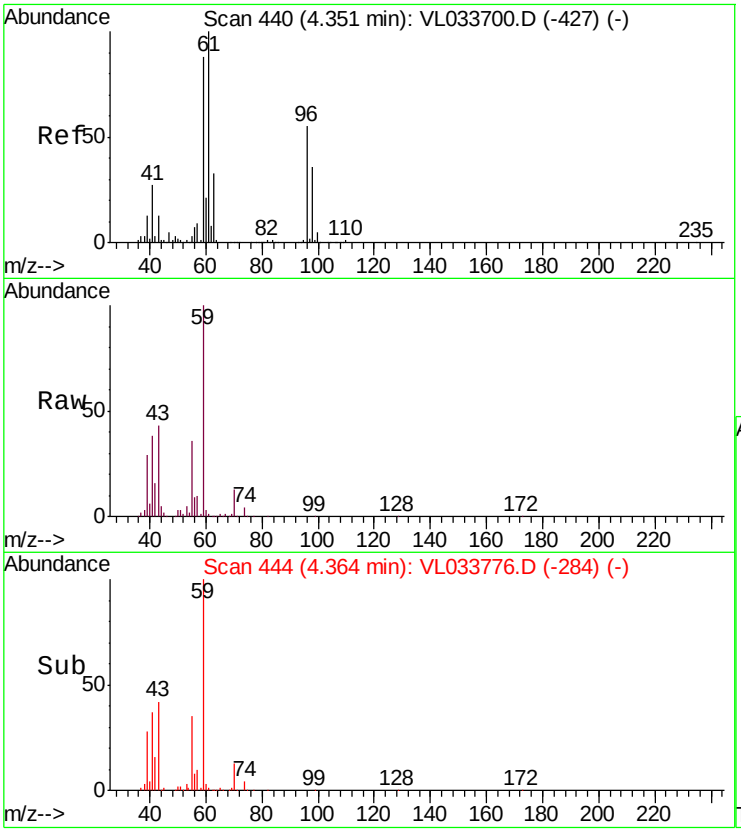


#16
1,3-Butadiene
Concen: 13.217 ppbv
RT: 3.34 min Scan# 126
Delta R.T. -0.02 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Tgt Ion: 39 Resp: 725151

Ion	Ratio	Lower	Upper
39	100		
54	17.2	69.0	103.6#



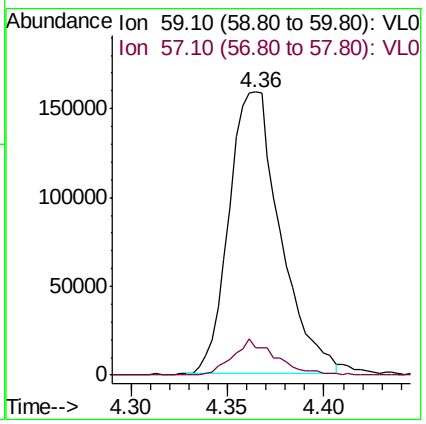


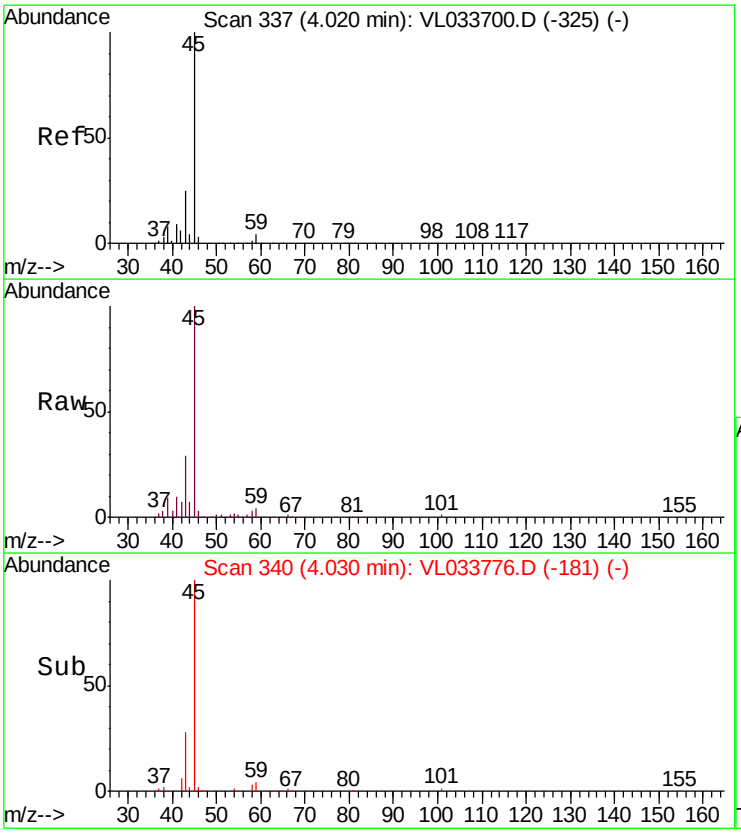
#17
tert-Butyl alcohol
Concen: 2.635 ppbv
RT: 4.36 min Scan# 444
Delta R.T. 0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3005-25

Tgt Ion: 59 Resp: 293514

Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.4	12.6

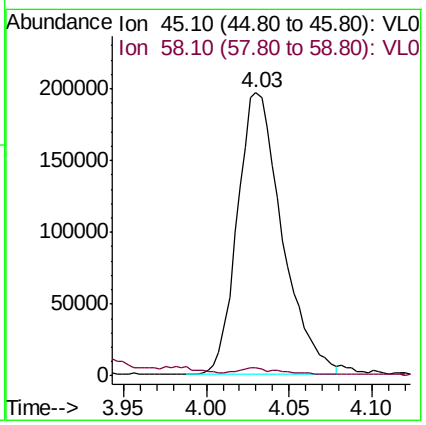


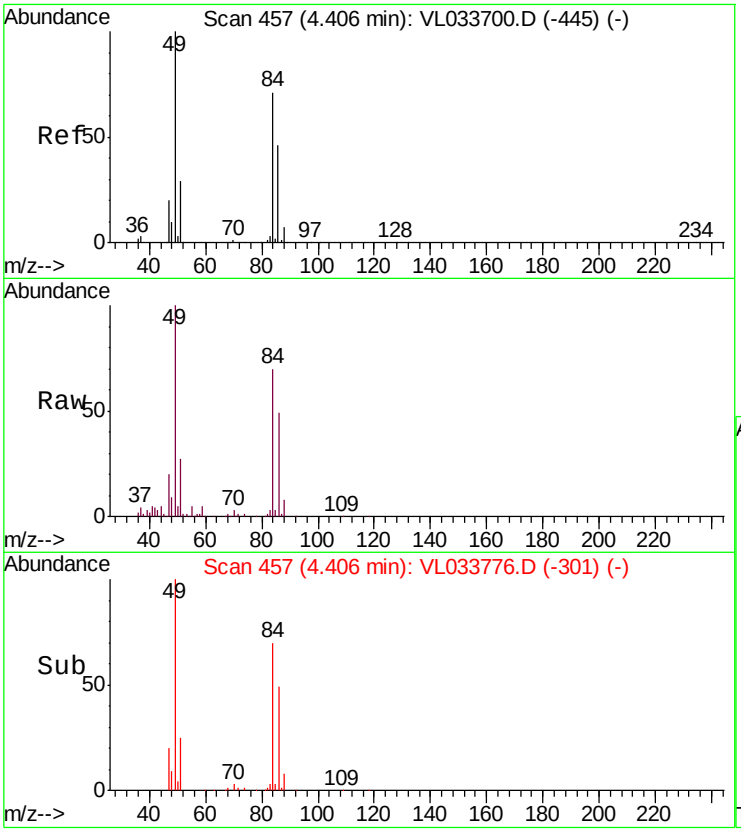


#19
Isopropyl Alcohol
Concen: 4.160 ppbv
RT: 4.03 min Scan# 340
Delta R.T. 0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Tgt Ion: 45 Resp: 369541

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.6	2.4#



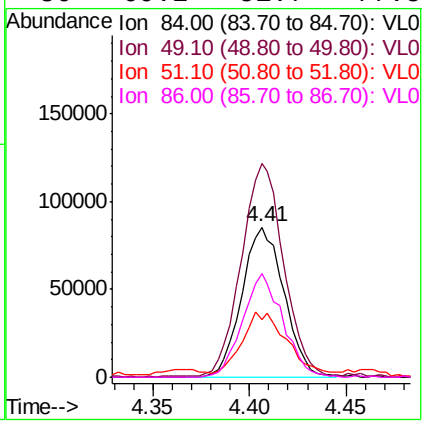


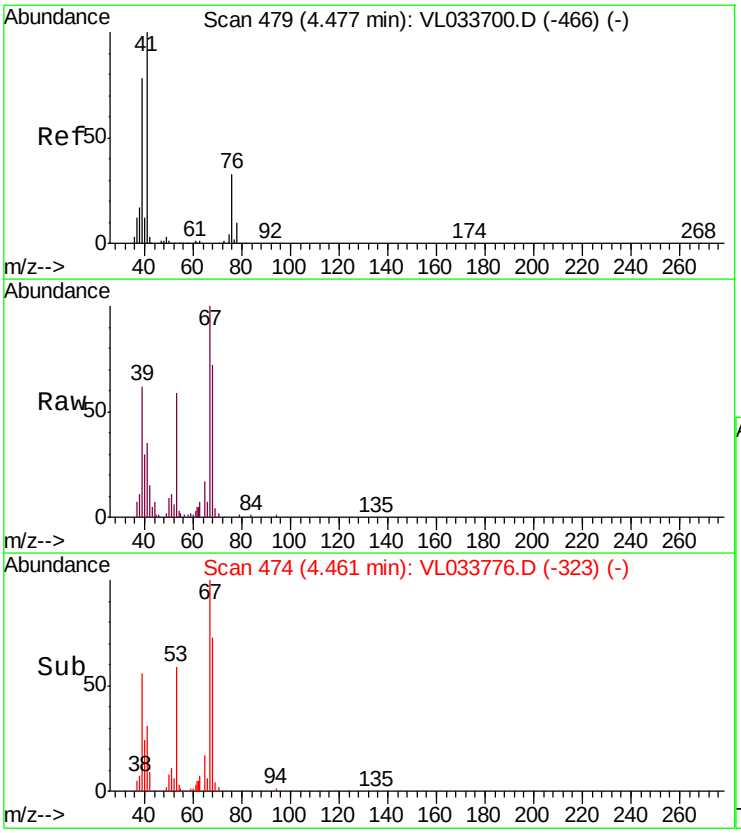
#20
Methylene Chloride
Concen: 2.451 ppbv
RT: 4.41 min Scan# 457
Delta R.T. 0.00 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3005-25

Tgt Ion: 84 Resp: 130029

Ion	Ratio	Lower	Upper
84	100		
49	141.3	112.8	169.2
51	35.5	33.4	50.0
86	69.2	51.7	77.5

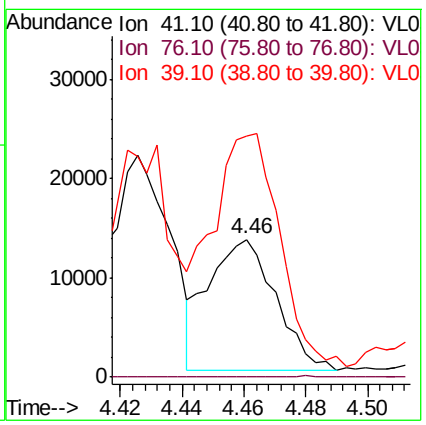


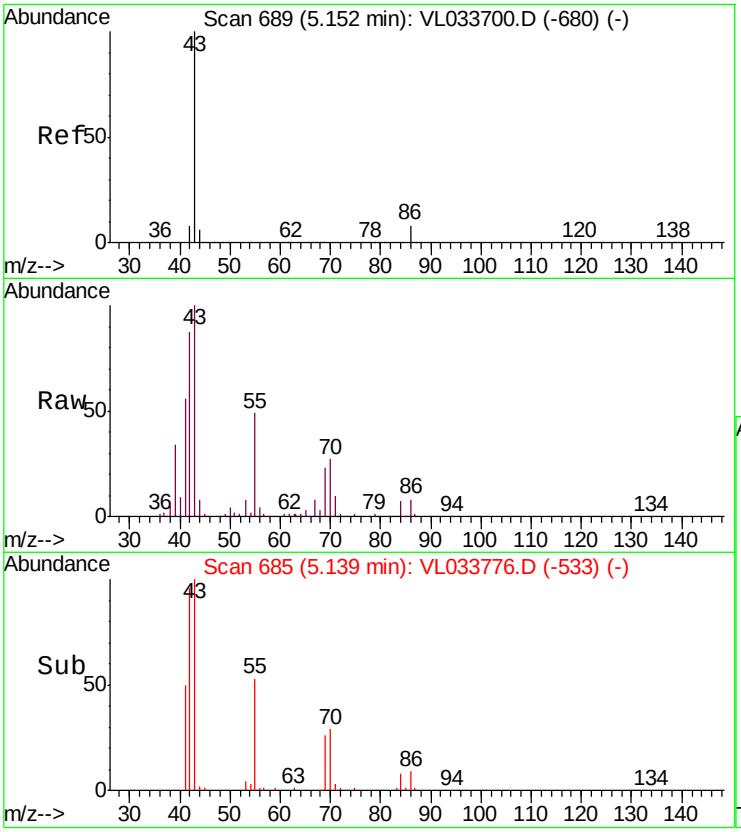


#21
Allyl Chloride
Concen: 0.231 ppbv
RT: 4.46 min Scan# 474
Delta R.T. -0.02 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Tgt Ion: 41 Resp: 19883

Ion	Ratio	Lower	Upper
41	100		
76	0.0	25.9	38.9#
39	188.3	64.6	97.0#



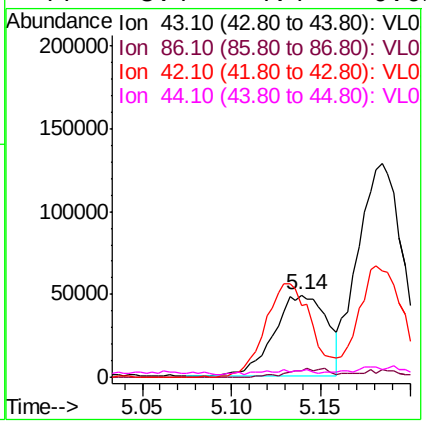


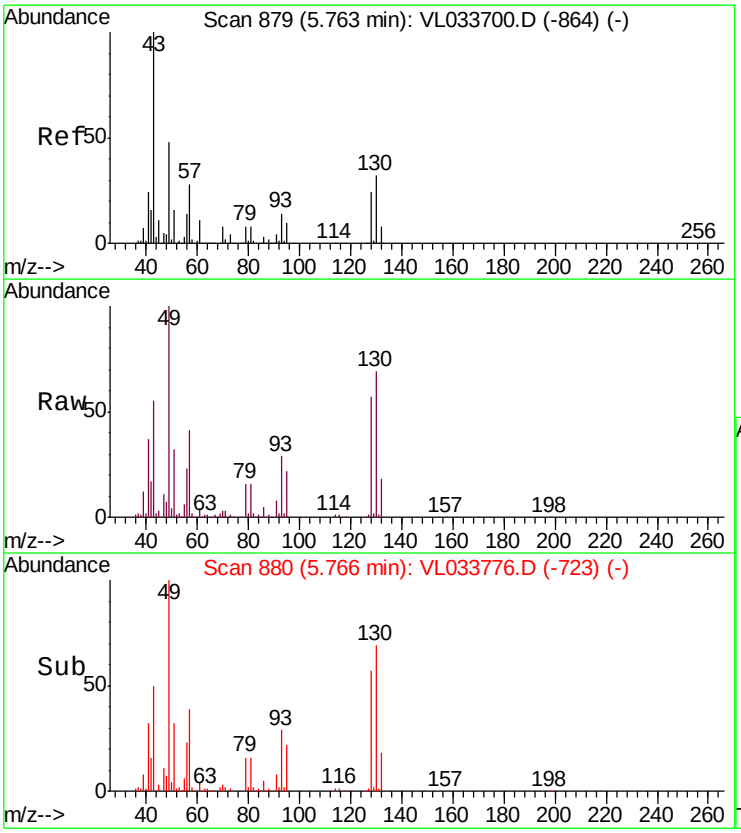
#23
Vinyl Acetate
Concen: 0.559 ppbv
RT: 5.14 min Scan# 685
Delta R.T. -0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3005-25

Tgt Ion: 43 Resp: 101563

Ion	Ratio	Lower	Upper
43	100		
86	8.4	6.0	9.0
42	87.9	7.5	11.3#
44	3.4	4.4	6.6#

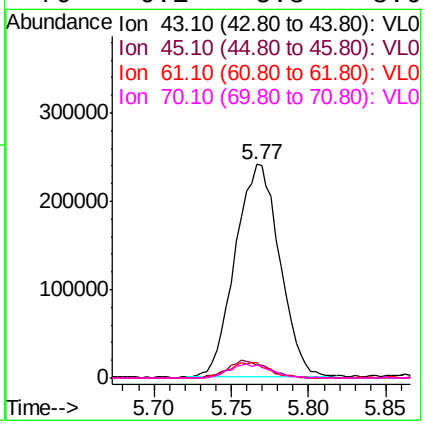


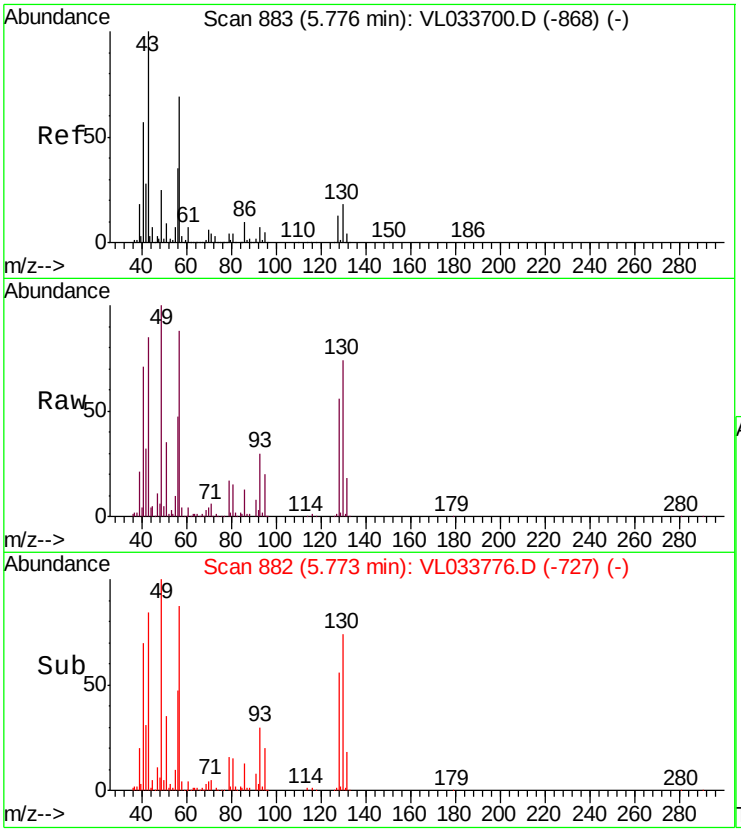


#25
Ethyl Acetate
Concen: 1.982 ppbv
RT: 5.77 min Scan# 880
Delta R.T. 0.00 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Tgt Ion: 43 Resp: 479757

Ion	Ratio	Lower	Upper
43	100		
45	7.6	7.9	11.9#
61	6.6	7.7	11.5#
70	6.1	5.8	8.6



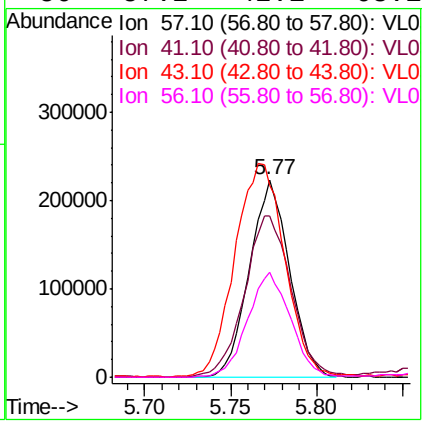


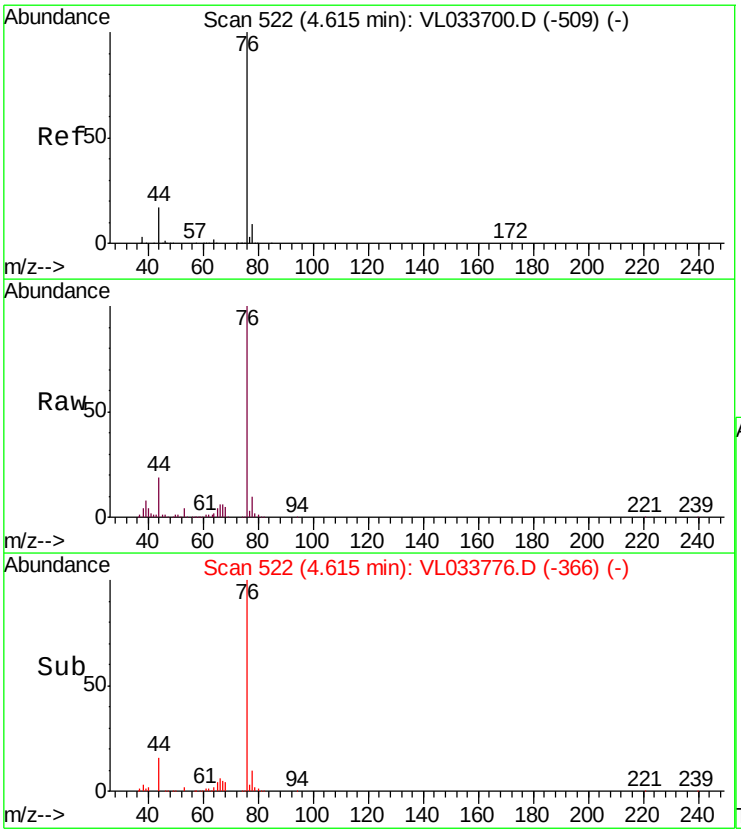
#26
Hexane
Concen: 3.476 ppbv
RT: 5.77 min Scan# 882
Delta R.T. -0.00 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3005-25

Tgt Ion: 57 Resp: 361615

Ion	Ratio	Lower	Upper
57	100		
41	94.9	69.8	104.6
43	134.3	181.8	272.6#
56	57.2	42.1	63.1

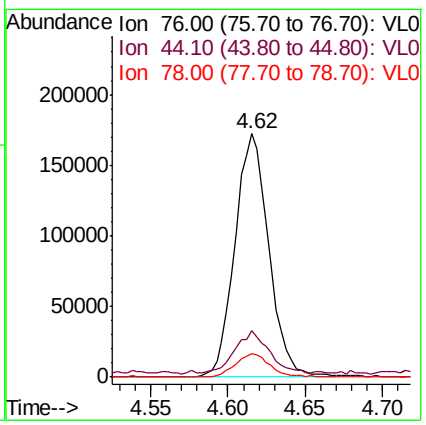


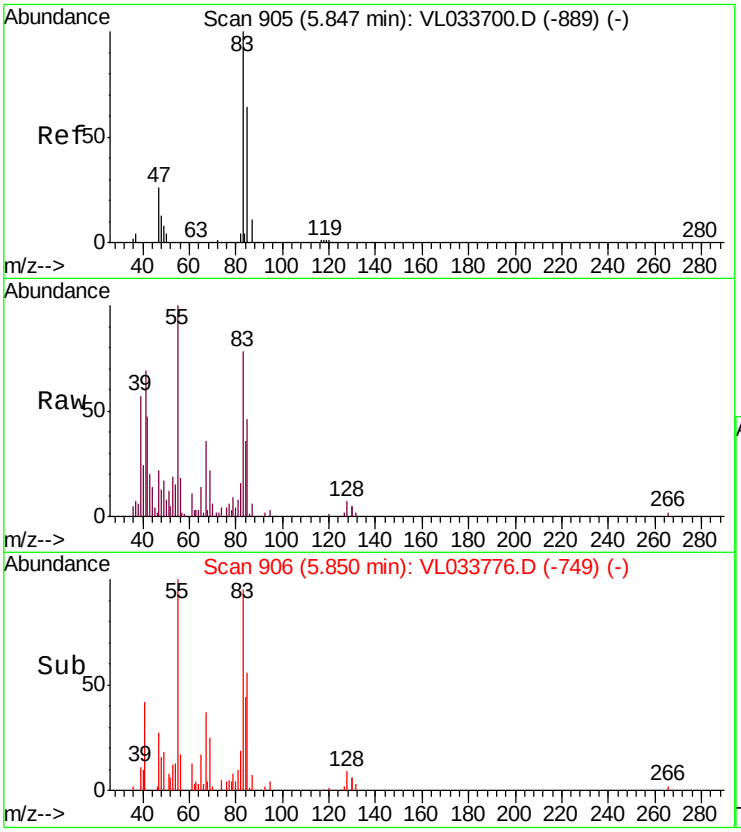


#27
Carbon Disulfide
Concen: 1.836 ppbv
RT: 4.62 min Scan# 522
Delta R.T. 0.00 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Tgt Ion: 76 Resp: 262064

Ion	Ratio	Lower	Upper
76	100		
44	16.9	13.8	20.8
78	10.1	7.4	11.0



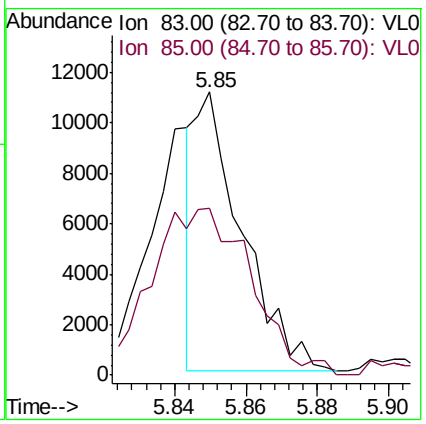


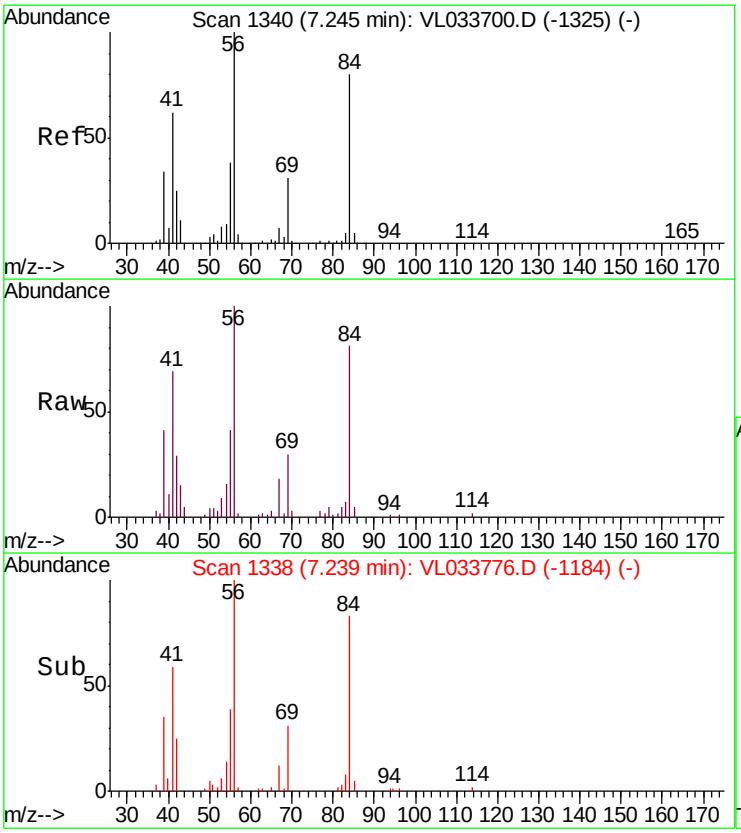
#29
Chloroform
Concen: 0.053 ppbv
RT: 5.85 min Scan# 906
Delta R.T. 0.00 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3005-25

Tgt Ion: 83 Resp: 10084

Ion	Ratio	Lower	Upper
83	100		
85	60.1	51.5	77.3

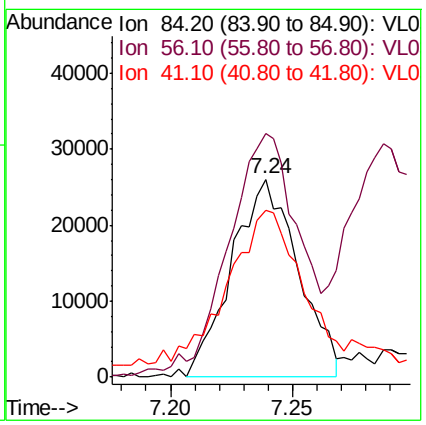


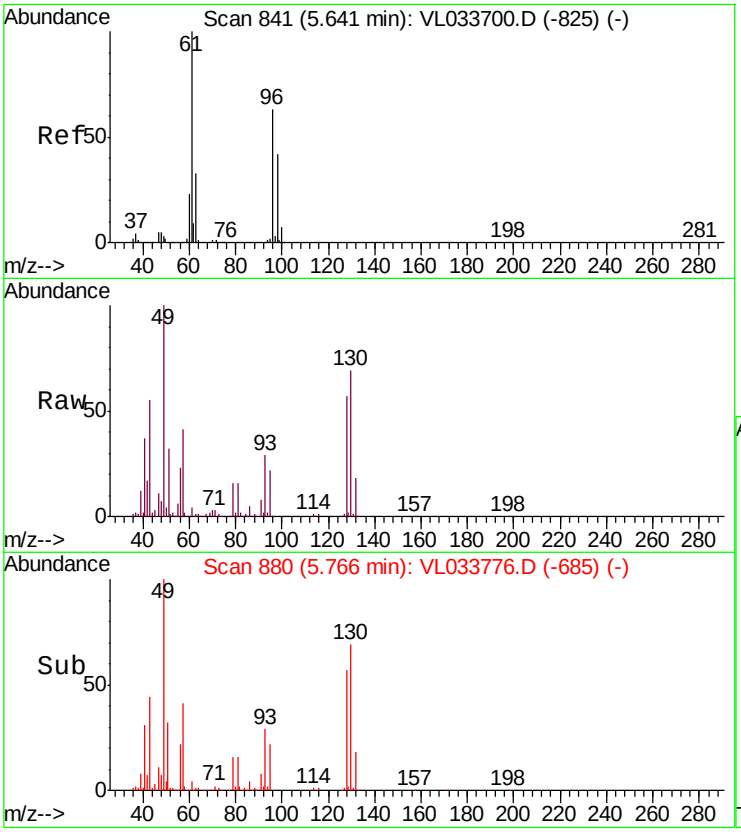


#30
Cyclohexane
Concen: 0.561 ppbv
RT: 7.24 min Scan# 1338
Delta R.T. -0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Tgt Ion: 84 Resp: 49101

Ion	Ratio	Lower	Upper
84	100		
56	130.1	107.7	161.5
41	104.8	66.0	99.0#



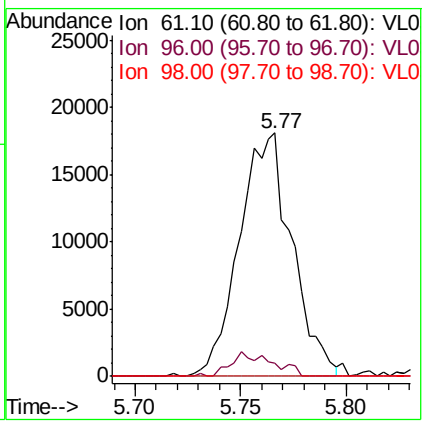


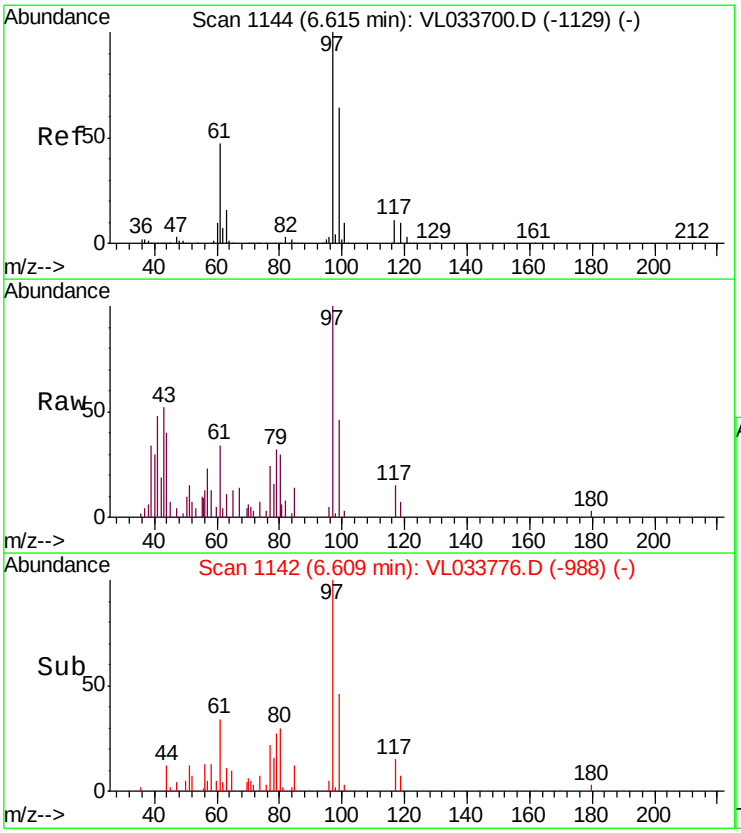
#31
cis-1,2-Dichloroethene
Concen: 0.305 ppbv
RT: 5.77 min Scan# 880
Delta R.T. 0.13 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3005-25

Tgt Ion: 61 Resp: 31428

Ion	Ratio	Lower	Upper
61	100		
96	5.6	50.8	76.2#
98	0.0	33.3	49.9#

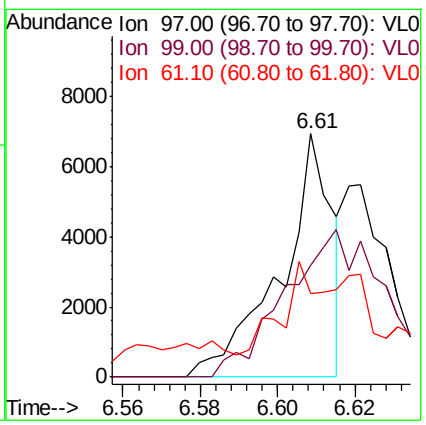


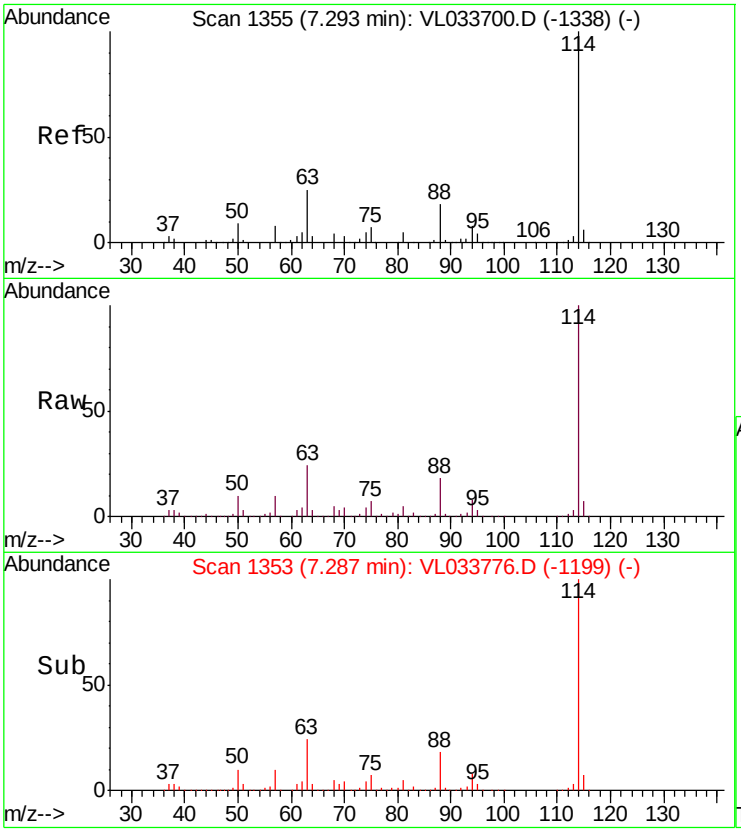


#32
1,1,1-Trichloroethane
Concen: 0.033 ppbv
RT: 6.61 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Tgt Ion: 97 Resp: 6404

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.5	77.3#
61	136.0	37.8	56.8#



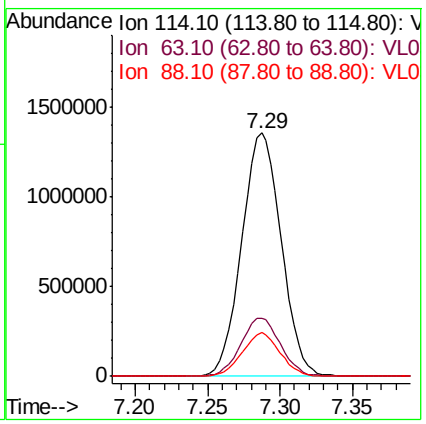


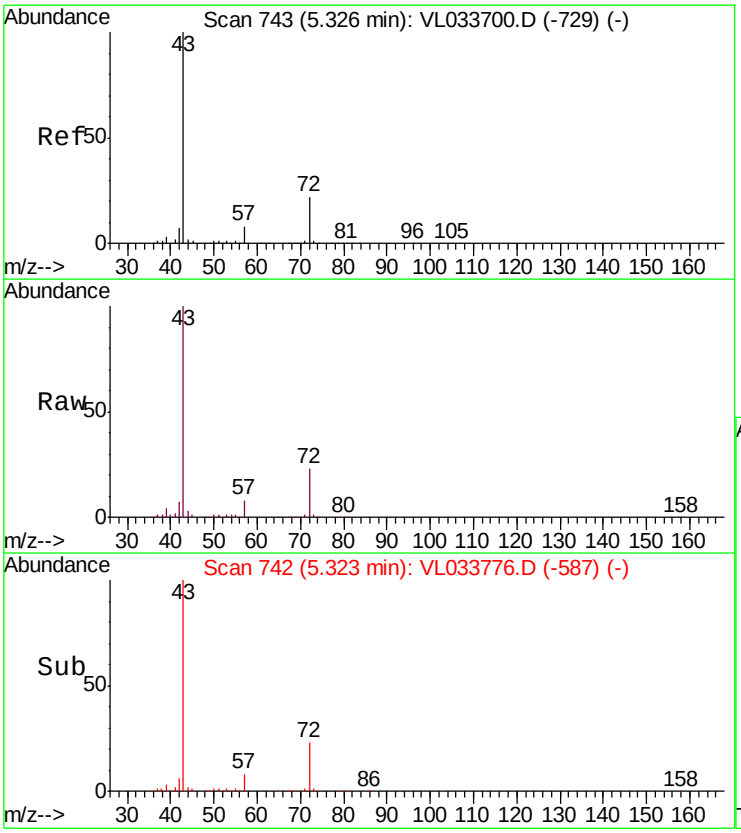
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3005-25

Tgt Ion:114 Resp: 2577041

Ion	Ratio	Lower	Upper
114	100		
63	24.1	20.9	31.3
88	17.2	14.3	21.5

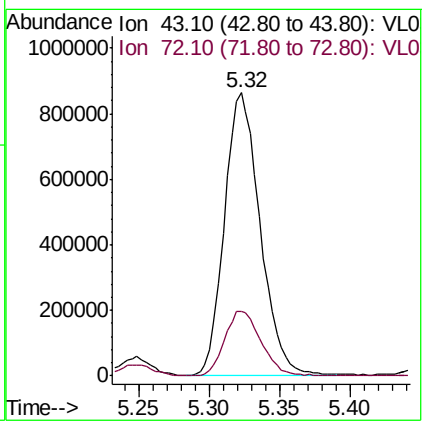


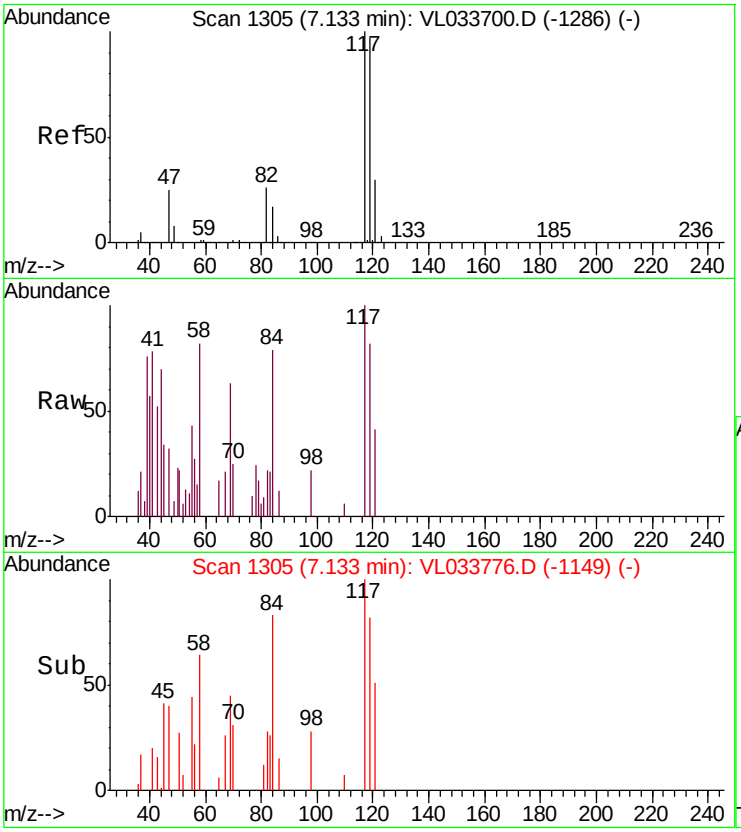


#34
2-Butanone
Concen: 9.534 ppbv
RT: 5.32 min Scan# 742
Delta R.T. -0.00 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Tgt Ion: 43 Resp: 1522860

Ion	Ratio	Lower	Upper
43	100		
72	23.4	17.8	26.6



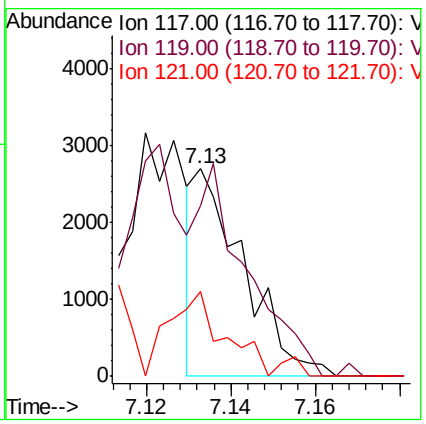


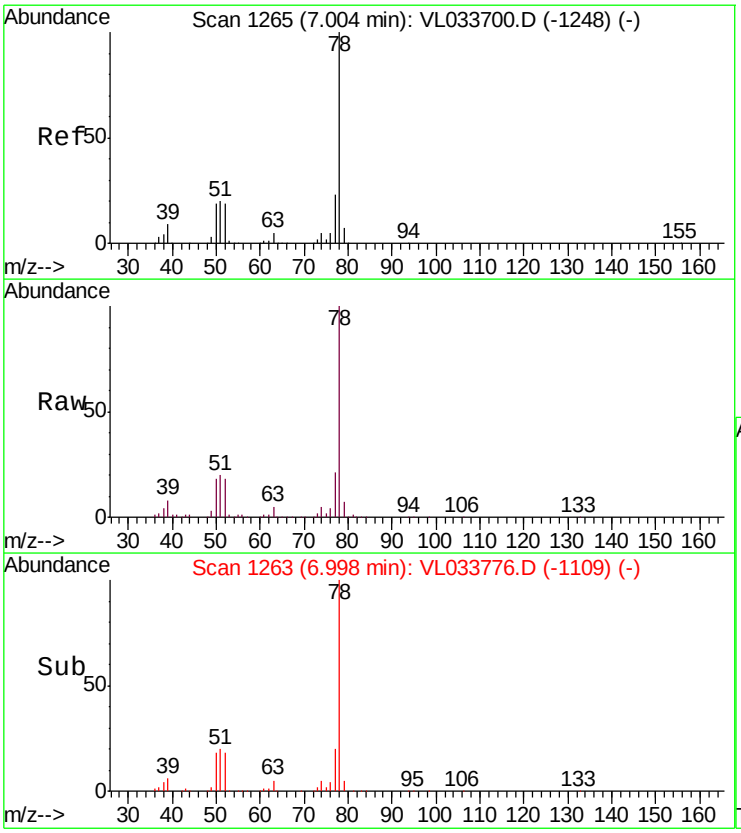
#35
Carbon Tetrachloride
Concen: 0.011 ppbv
RT: 7.13 min Scan# 1305
Delta R.T. 0.00 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3005-25

Tgt Ion:117 Resp: 2187

Ion	Ratio	Lower	Upper
117	100		
119	82.1	77.2	115.8
121	41.0	24.1	36.1#

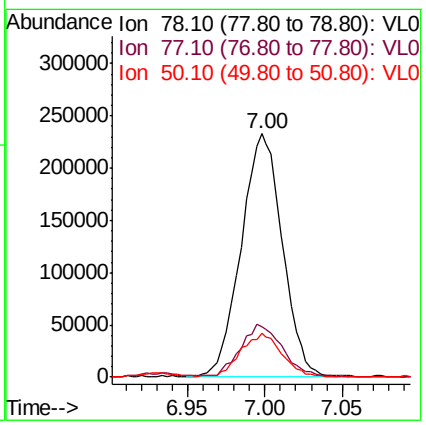


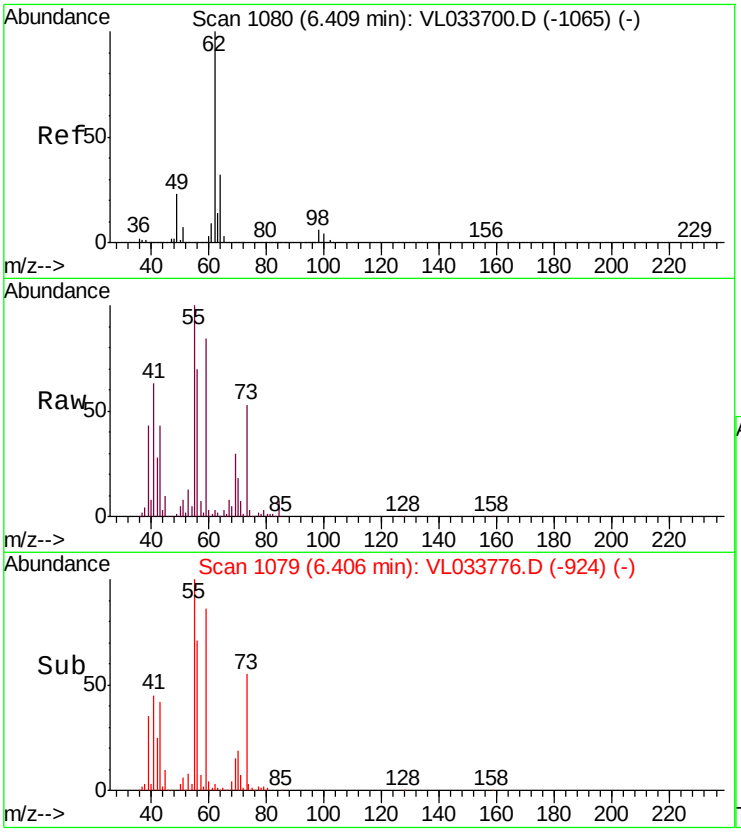


#36
Benzene
Concen: 1.834 ppbv
RT: 7.00 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Tgt Ion: 78 Resp: 429880

Ion	Ratio	Lower	Upper
78	100		
77	20.6	18.4	27.6
50	17.6	15.5	23.3



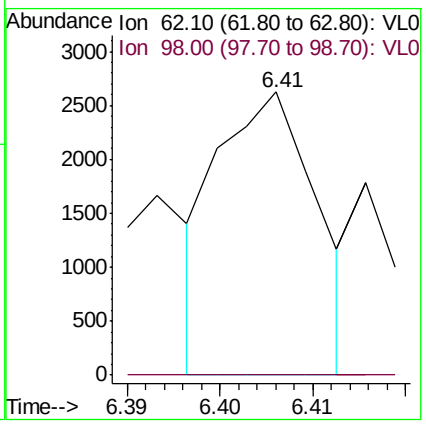


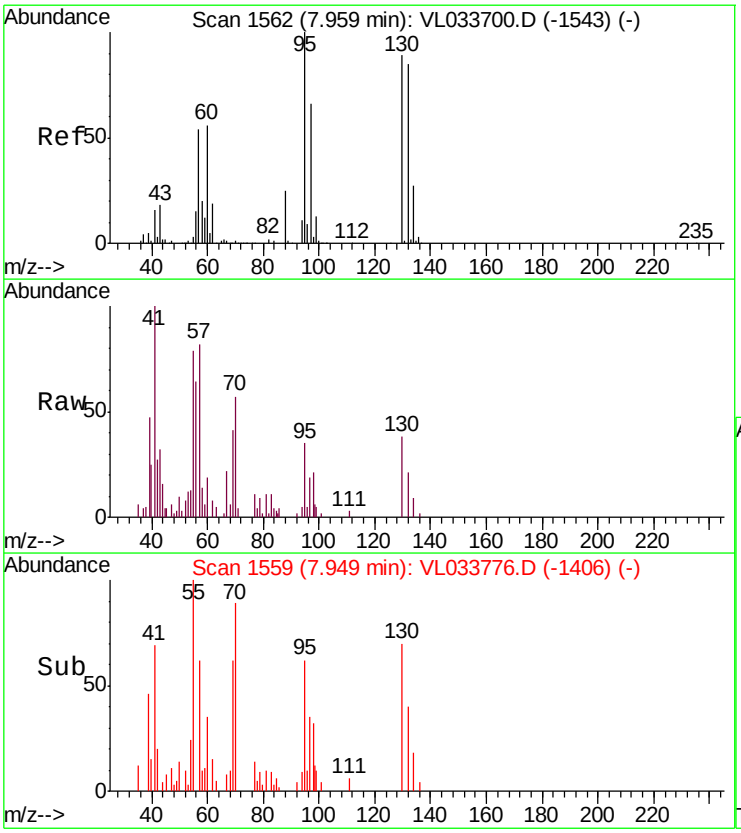
#37
1,2-Dichloroethane
Concen: 0.013 ppbv
RT: 6.41 min Scan# 1079
Delta R.T. -0.00 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3005-25

Tgt Ion: 62 Resp: 1947

Ion	Ratio	Lower	Upper
62	100		
98	0.0	4.5	6.7#

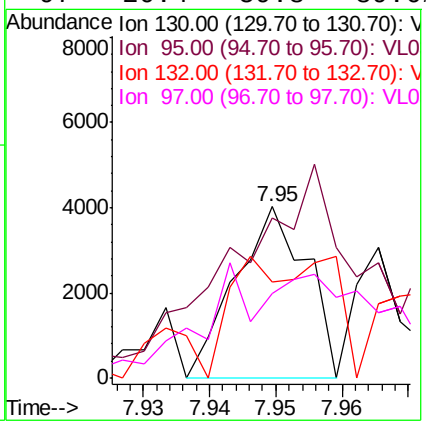


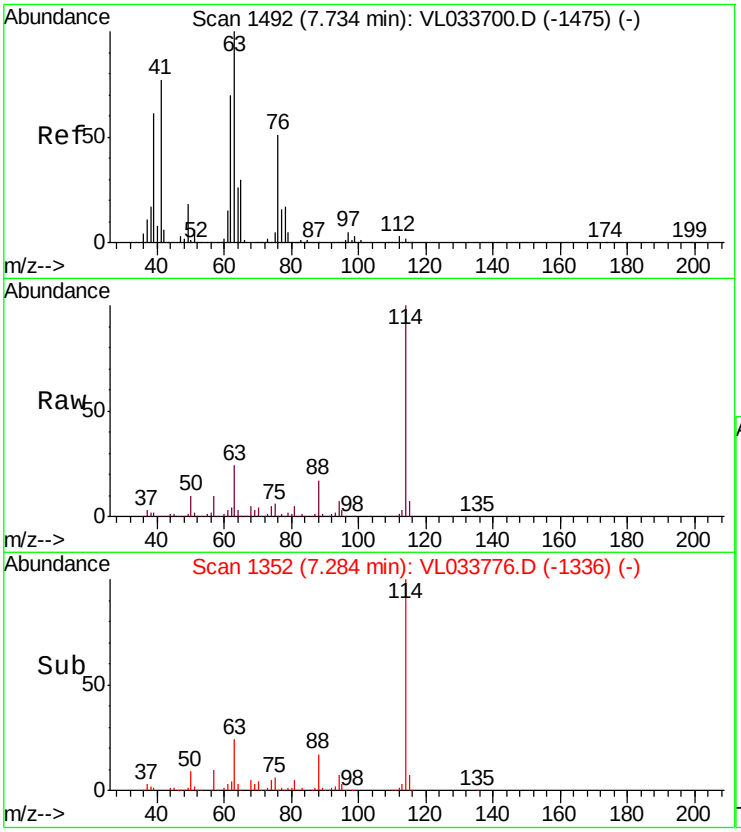


#38
Trichloroethene
Concen: 0.034 ppbv
RT: 7.95 min Scan# 1559
Delta R.T. -0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Tgt Ion:130 Resp: 2999

Ion	Ratio	Lower	Upper
130	100		
95	52.2	90.2	135.4#
132	31.5	76.4	114.6#
97	20.4	59.8	89.6#



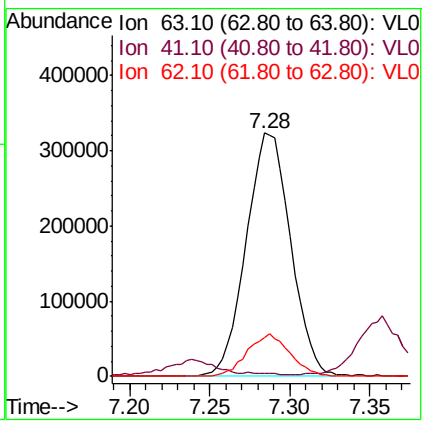


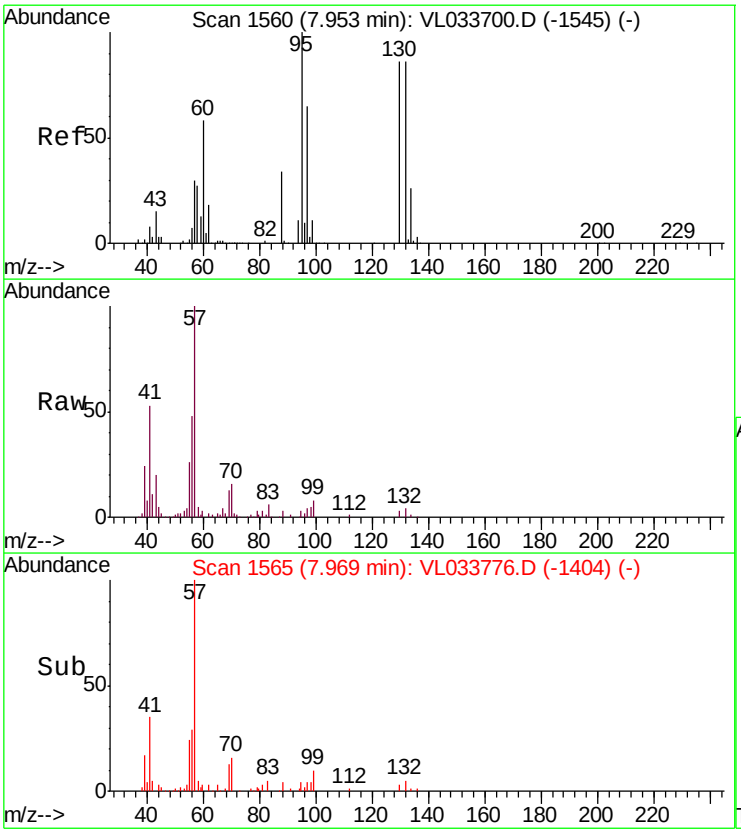
#39
1,2-Dichloropropane
Concen: 7.067 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.45 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3005-25

Tgt Ion: 63 Resp: 617621

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.5	92.3#
62	15.9	56.2	84.4#

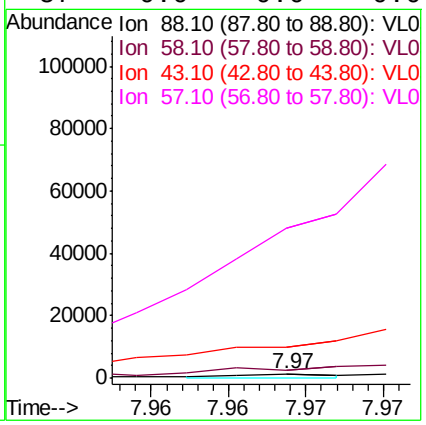


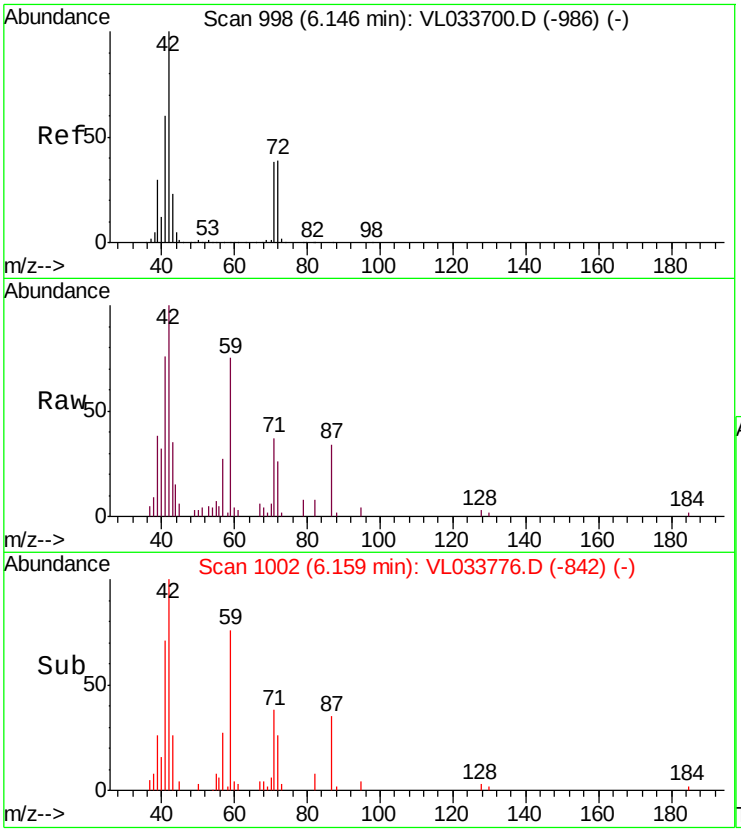


#40
1,4-Dioxane
Concen: 0.016 ppbv
RT: 7.97 min Scan# 1565
Delta R.T. 0.02 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Tgt Ion: 88 Resp: 603

Ion	Ratio	Lower	Upper
88	100		
58	0.0	101.8	152.6#
43	0.0	0.0	0.0
57	0.0	0.0	0.0



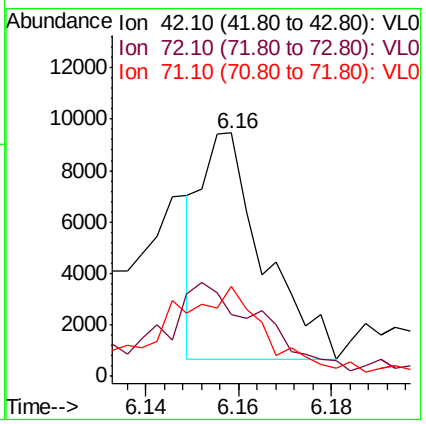


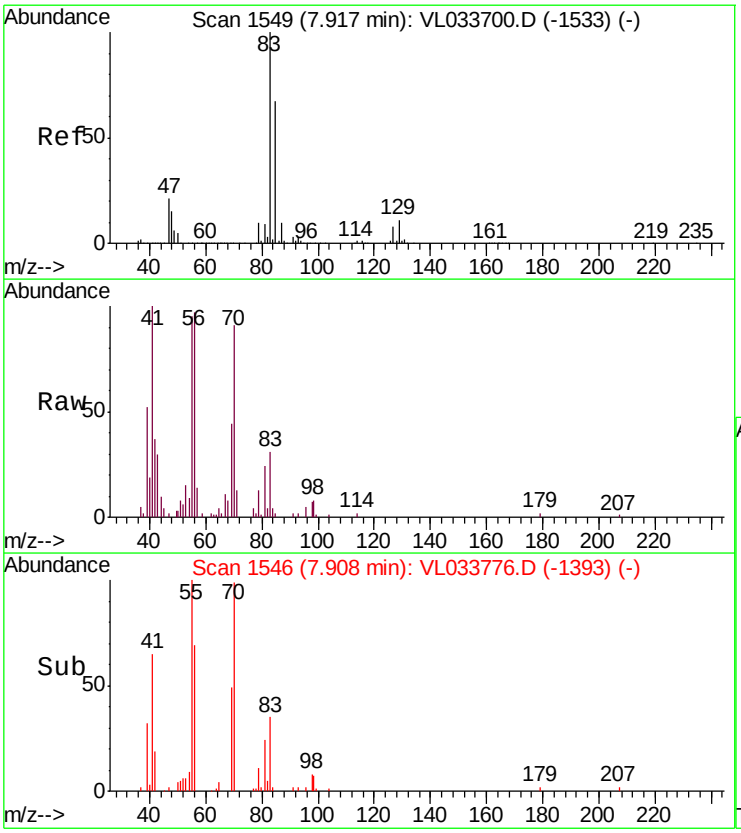
#41
Tetrahydrofuran
Concen: 0.091 ppbv
RT: 6.16 min Scan# 1002
Delta R.T. 0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3005-25

Tgt Ion: 42 Resp: 8168

Ion	Ratio	Lower	Upper
42	100		
72	92.1	32.0	48.0#
71	70.8	30.4	45.6#

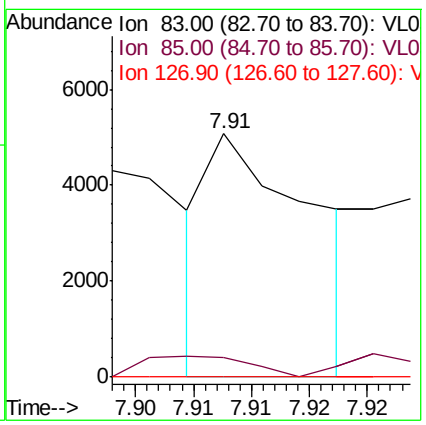


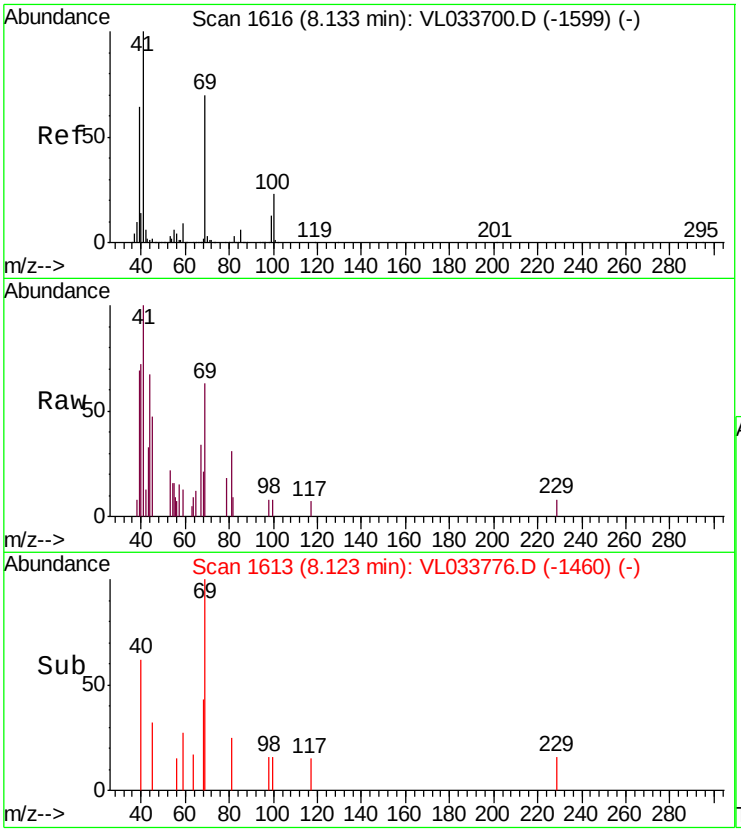


#42
Bromodichloromethane
Concen: 0.015 ppbv
RT: 7.91 min Scan# 1546
Delta R.T. -0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Tgt Ion: 83 Resp: 3139

Ion	Ratio	Lower	Upper
83	100		
85	11.8	53.3	79.9#
127	0.0	6.5	9.7#



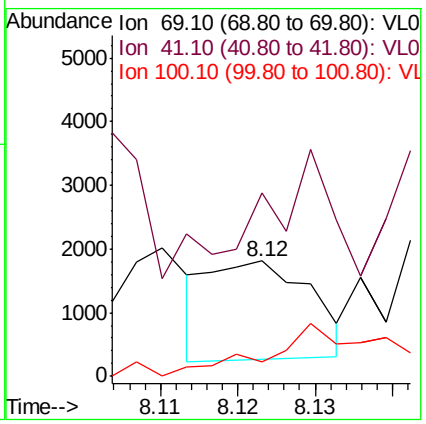


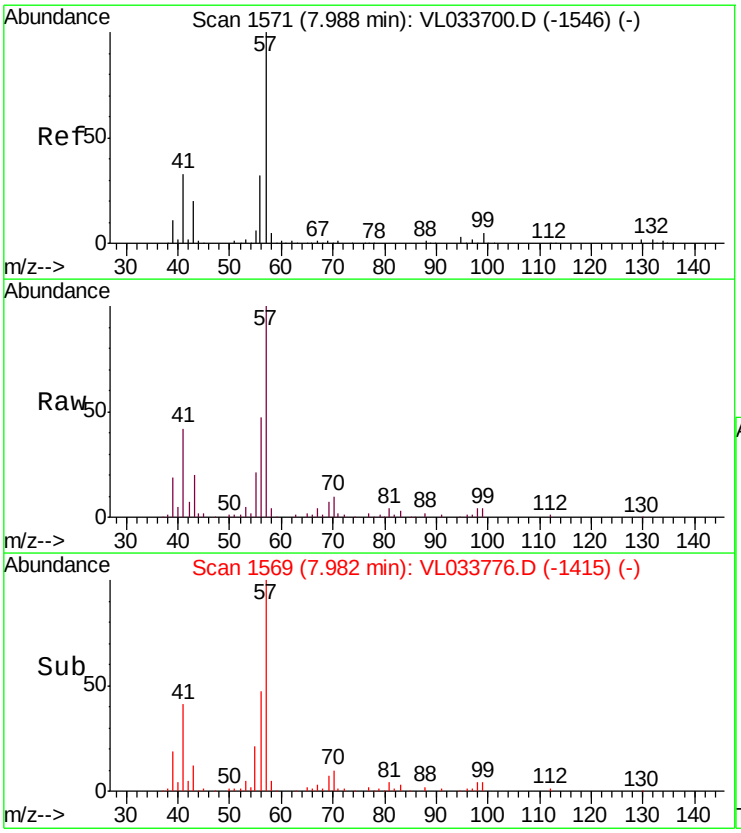
#43
Methyl Methacrylate
Concen: 0.016 ppbv
RT: 8.12 min Scan# 1613
Delta R.T. -0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3005-25

Tgt Ion: 69 Resp: 1408

Ion	Ratio	Lower	Upper
69	100		
41	0.0	116.3	174.5#
100	0.0	25.3	37.9#

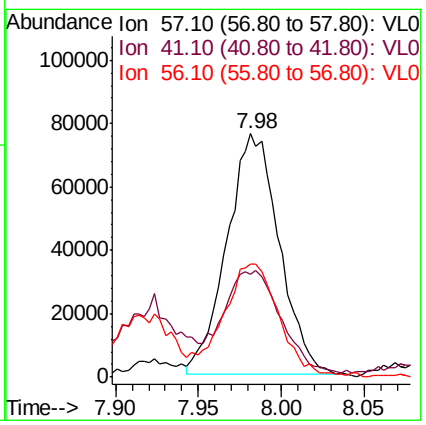


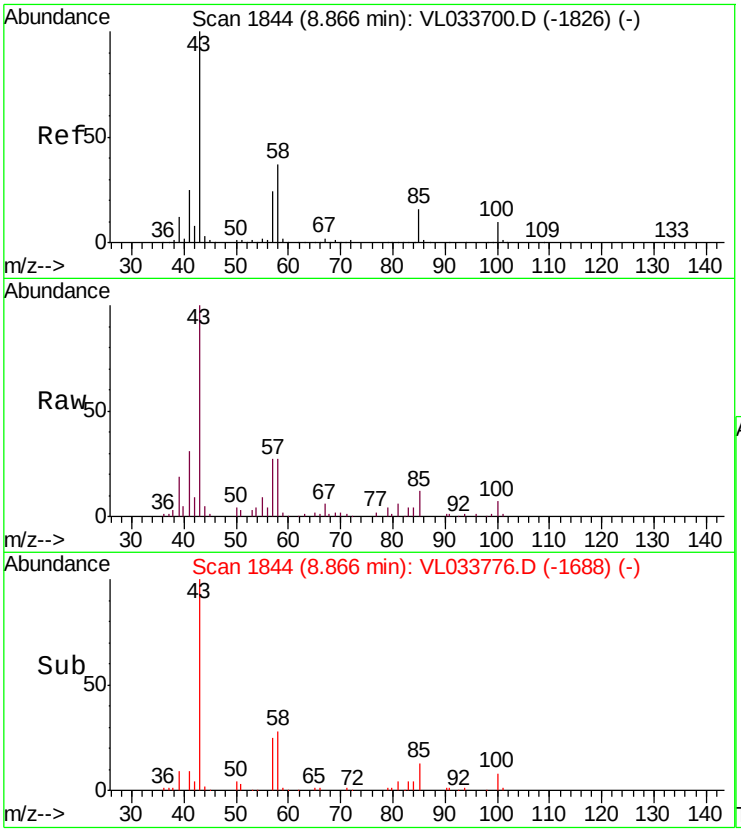


#44
2,2,4-Trimethylpentane
Concen: 0.419 ppbv
RT: 7.98 min Scan# 1569
Delta R.T. -0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Tgt Ion: 57 Resp: 165931

Ion	Ratio	Lower	Upper
57	100		
41	48.3	25.4	38.0#
56	51.5	24.7	37.1#



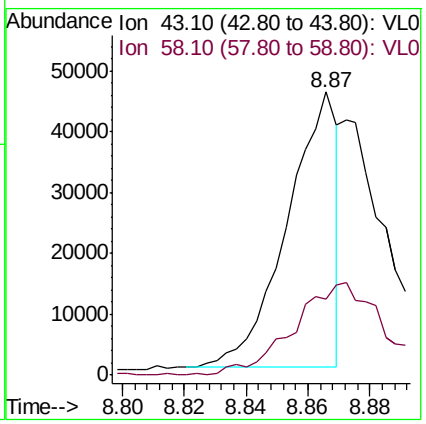


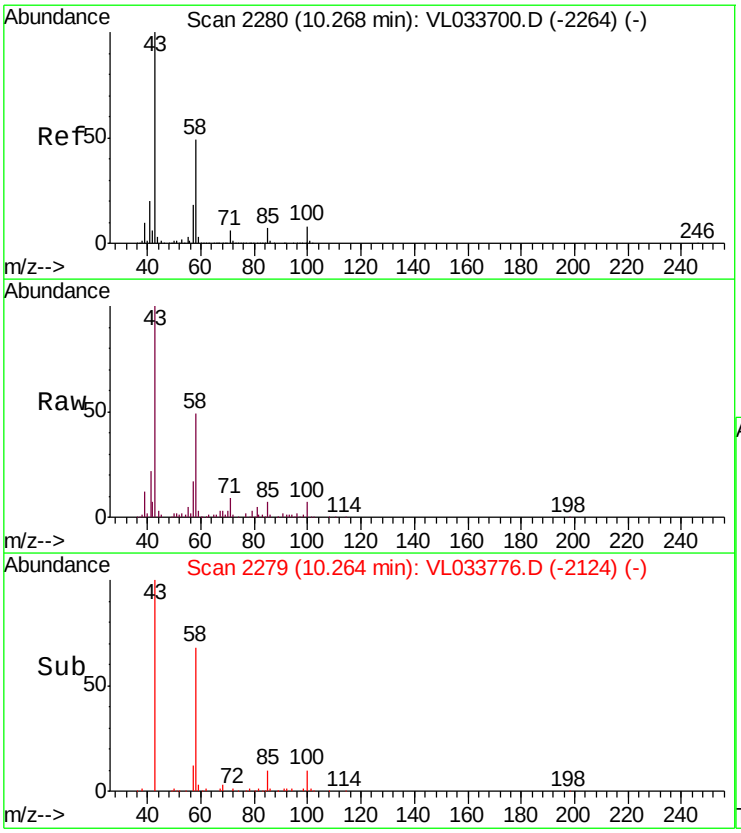
#50
4-Methyl-2-Pentanone
Concen: 0.207 ppbv
RT: 8.87 min Scan# 1844
Delta R.T. 0.00 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3005-25

Tgt Ion: 43 Resp: 50764

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.6	43.0#

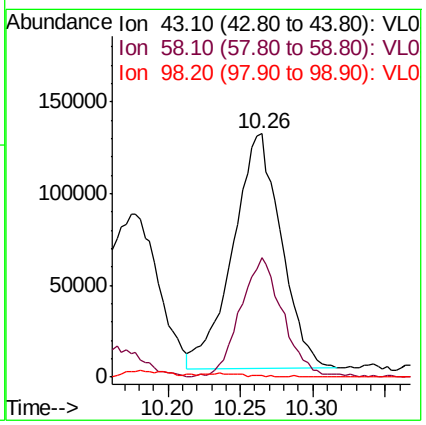


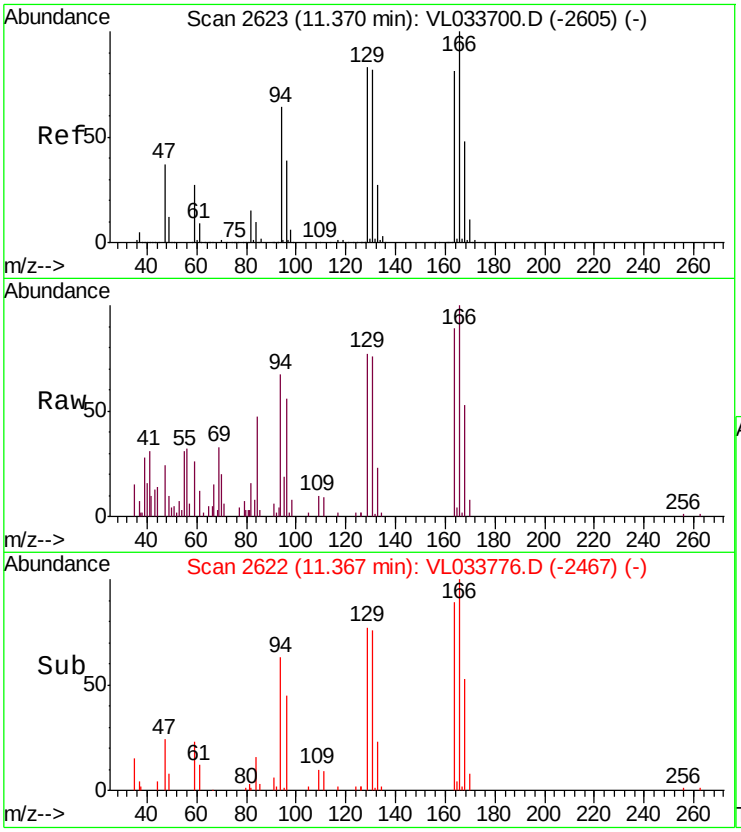


#51
2-Hexanone
Concen: 1.551 ppbv
RT: 10.26 min Scan# 2279
Delta R.T. -0.00 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Tgt Ion: 43 Resp: 297418

Ion	Ratio	Lower	Upper
43	100		
58	45.2	38.7	58.1
98	0.0	0.2	0.4#



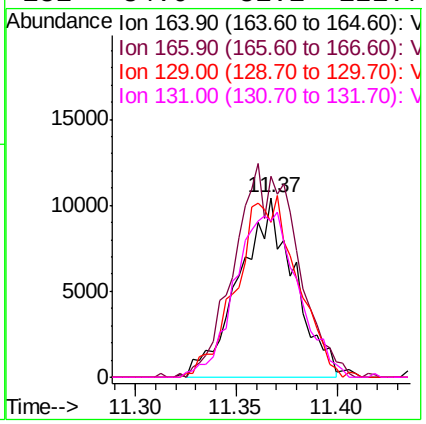


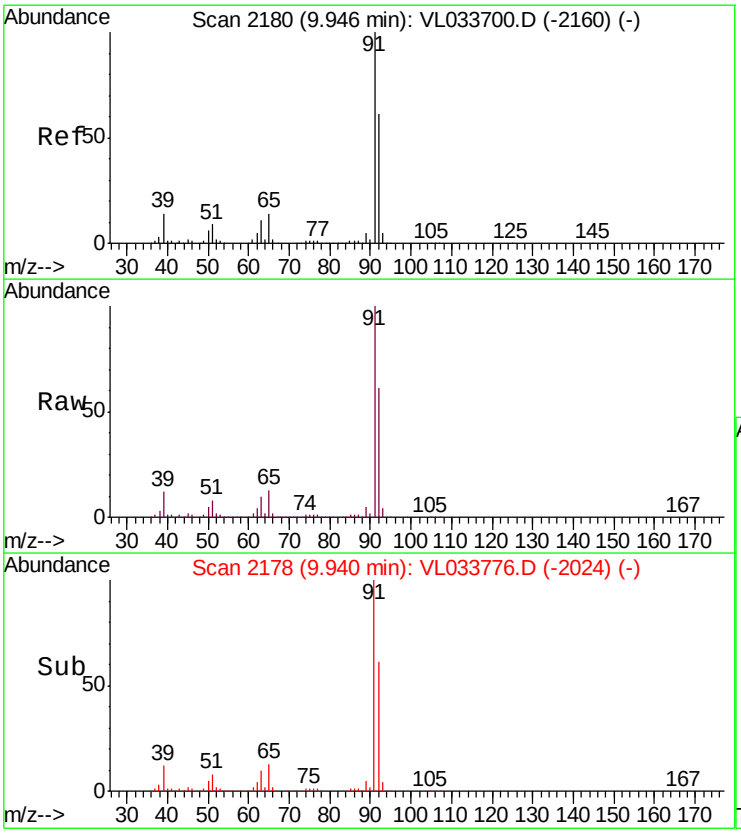
#52
Tetrachloroethene
Concen: 0.242 ppbv
RT: 11.37 min Scan# 2622
Delta R.T. -0.00 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3005-25

Tgt Ion:164 Resp: 19923

Ion	Ratio	Lower	Upper
164	100		
166	112.3	98.9	148.3
129	84.0	81.8	122.6
131	84.0	81.1	121.7

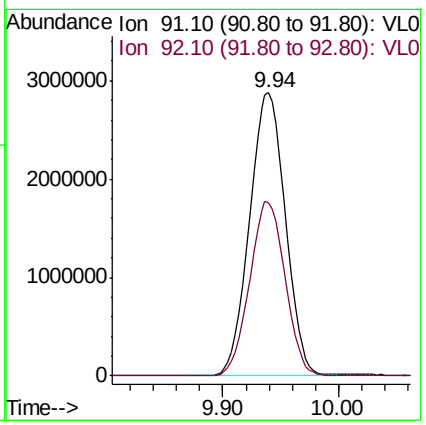


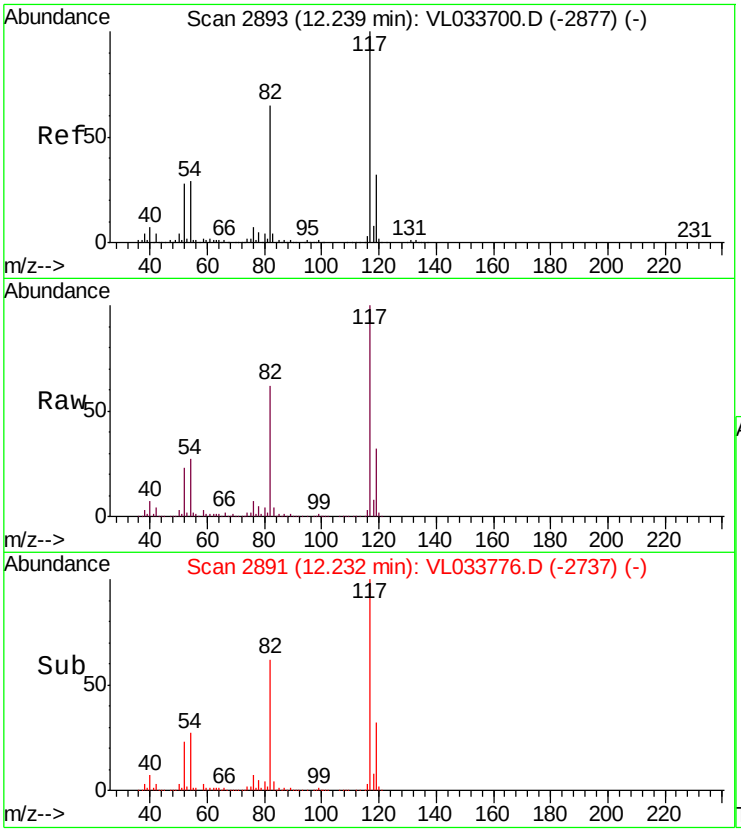


#53
Toluene
Concen: 24.490 ppbv
RT: 9.94 min Scan# 2178
Delta R.T. -0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Tgt Ion: 91 Resp: 6192050

Ion	Ratio	Lower	Upper
91	100		
92	60.9	47.6	71.4



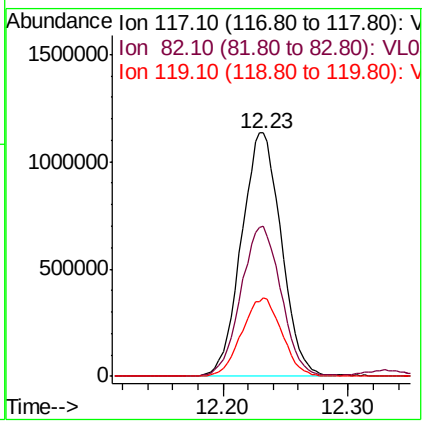


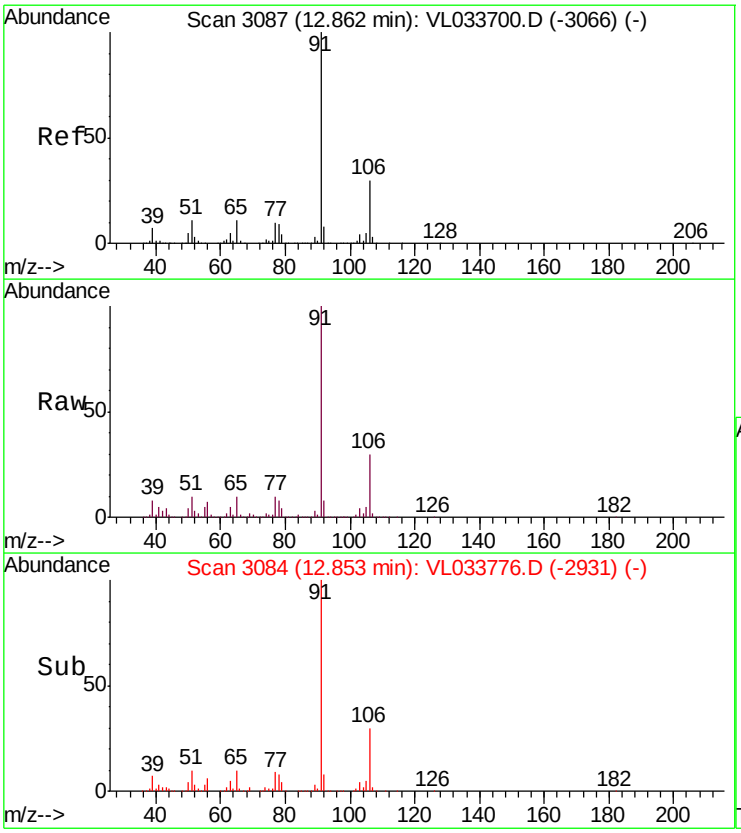
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2891
Delta R.T. -0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3005-25

Tgt Ion:117 Resp: 2507105

Ion	Ratio	Lower	Upper
117	100		
82	62.3	49.4	74.0
119	32.4	24.9	37.3

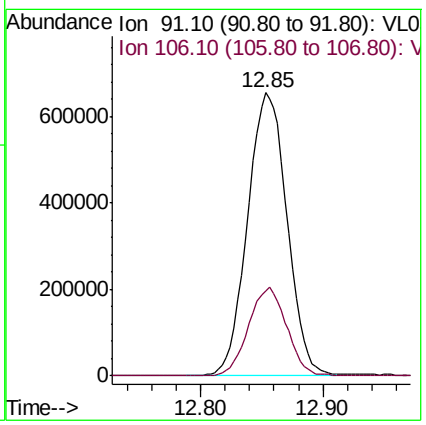


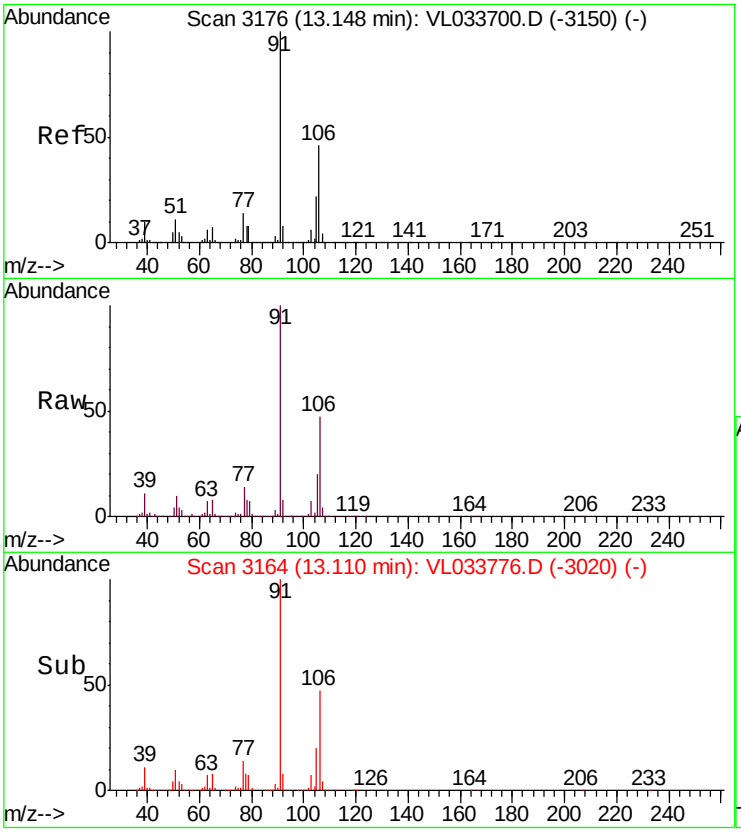


#58
Ethyl Benzene
Concen: 4.401 ppbv
RT: 12.85 min Scan# 3084
Delta R.T. -0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Tgt Ion: 91 Resp: 1460987

Ion	Ratio	Lower	Upper
91	100		
106	30.0	23.9	35.9



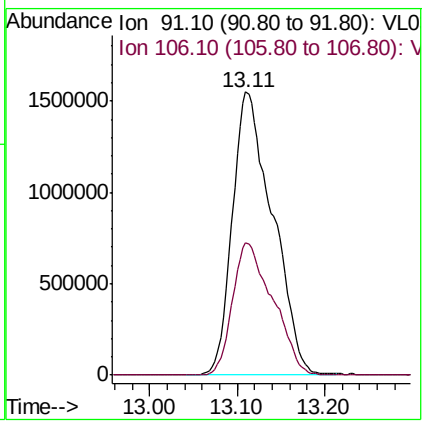


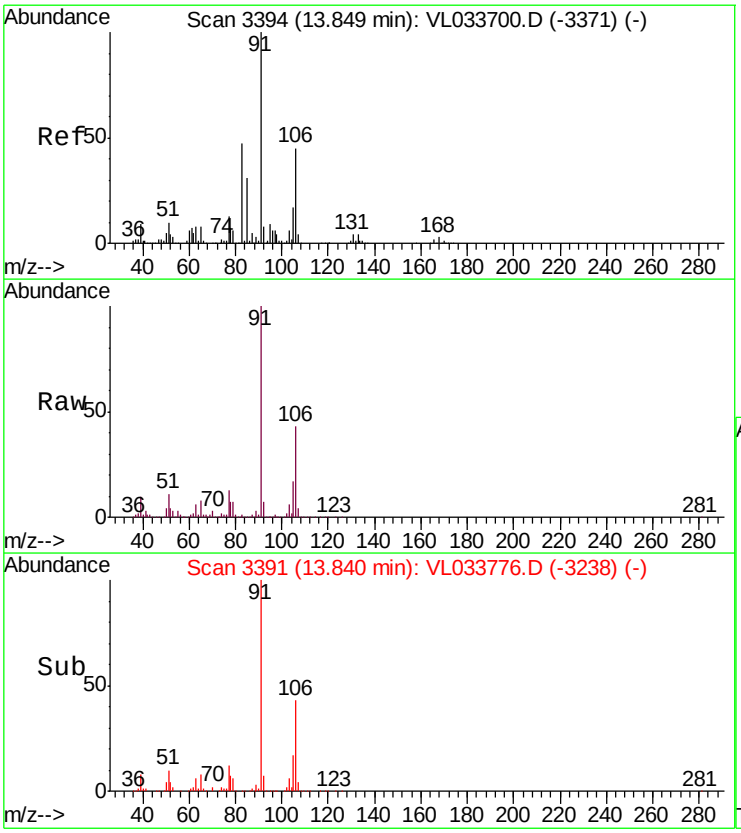
#59
m/p-Xylene
Concen: 16.977 ppbv
RT: 13.11 min Scan# 3164
Delta R.T. -0.04 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3005-25

Tgt Ion: 91 Resp: 4927228

Ion	Ratio	Lower	Upper
91	100		
106	47.1	35.8	53.6

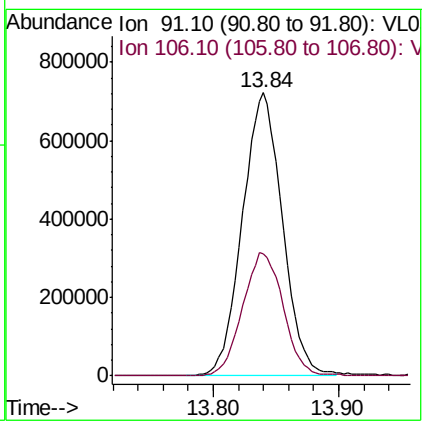


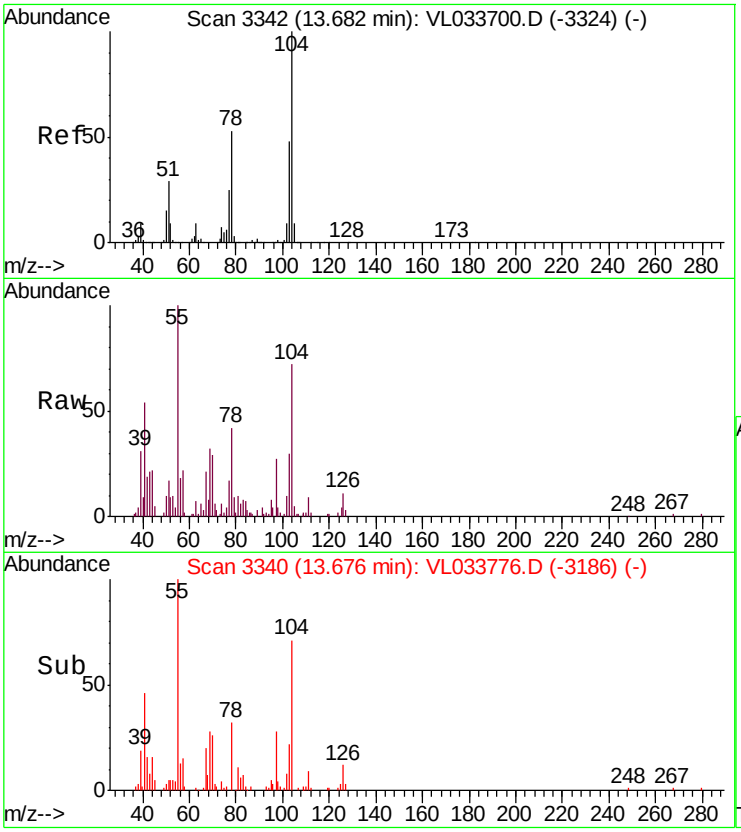


#60
o-Xylene
Concen: 5.444 ppbv
RT: 13.84 min Scan# 3391
Delta R.T. -0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Tgt Ion: 91 Resp: 1592809

Ion	Ratio	Lower	Upper
91	100		
106	44.6	21.6	64.8



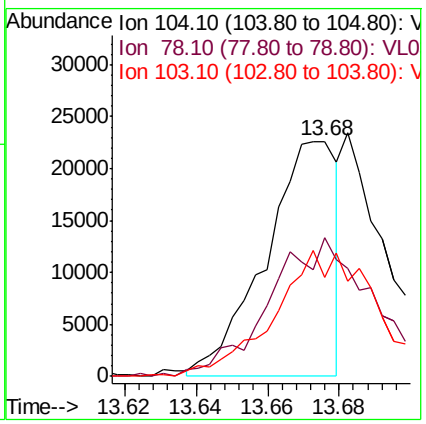


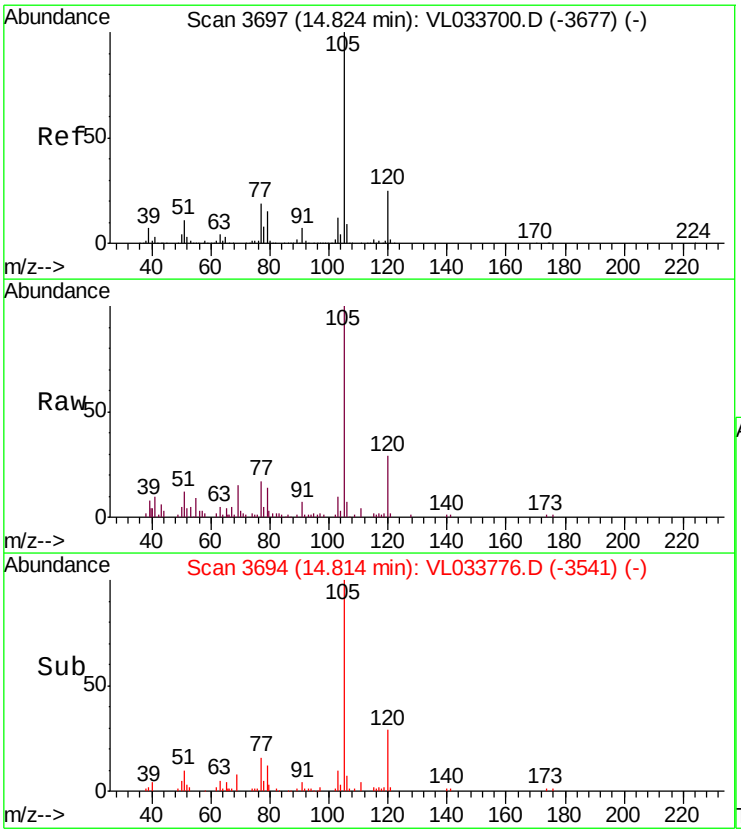
#61
Styrene
Concen: 0.159 ppbv
RT: 13.68 min Scan# 3340
Delta R.T. -0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3005-25

Tgt Ion:104 Resp: 31314

Ion	Ratio	Lower	Upper
104	100		
78	88.3	42.6	64.0#
103	77.8	37.8	56.6#

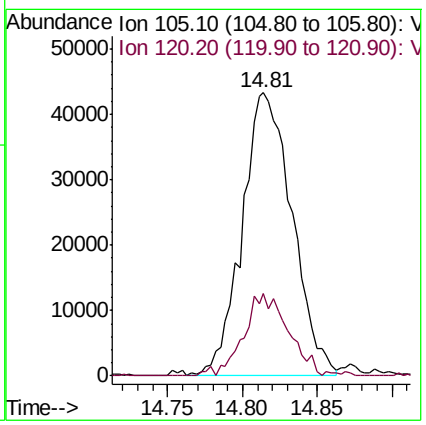


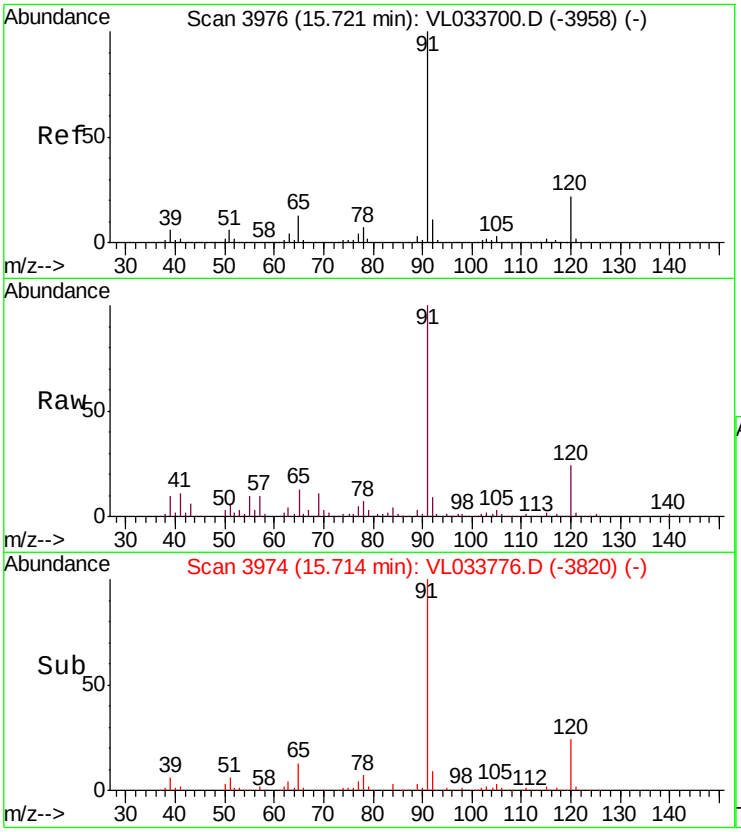


#62
Isopropylbenzene
Concen: 0.256 ppbv
RT: 14.81 min Scan# 3694
Delta R.T. -0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Tgt Ion:105 Resp: 100835

Ion	Ratio	Lower	Upper
105	100		
120	26.3	20.1	30.1



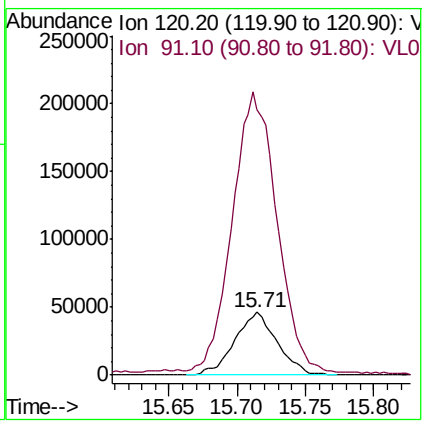


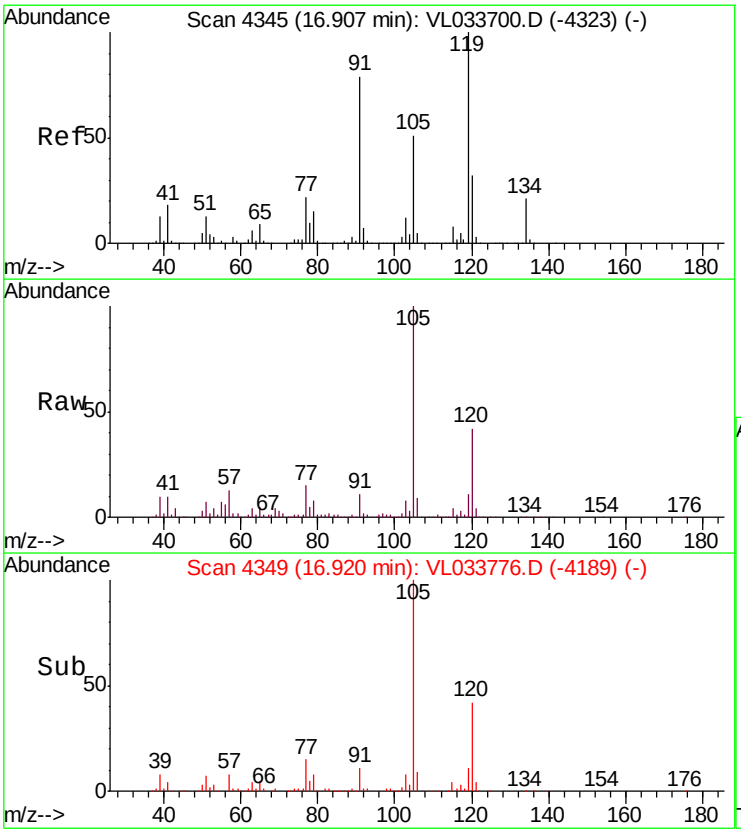
#64
n-propylbenzene
Concen: 0.985 ppbv
RT: 15.71 min Scan# 3974
Delta R.T. -0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3005-25

Tgt Ion:120 Resp: 100427

Ion	Ratio	Lower	Upper
120	100		
91	486.7	379.1	568.7

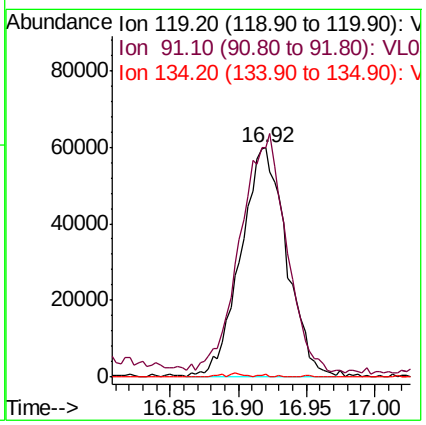


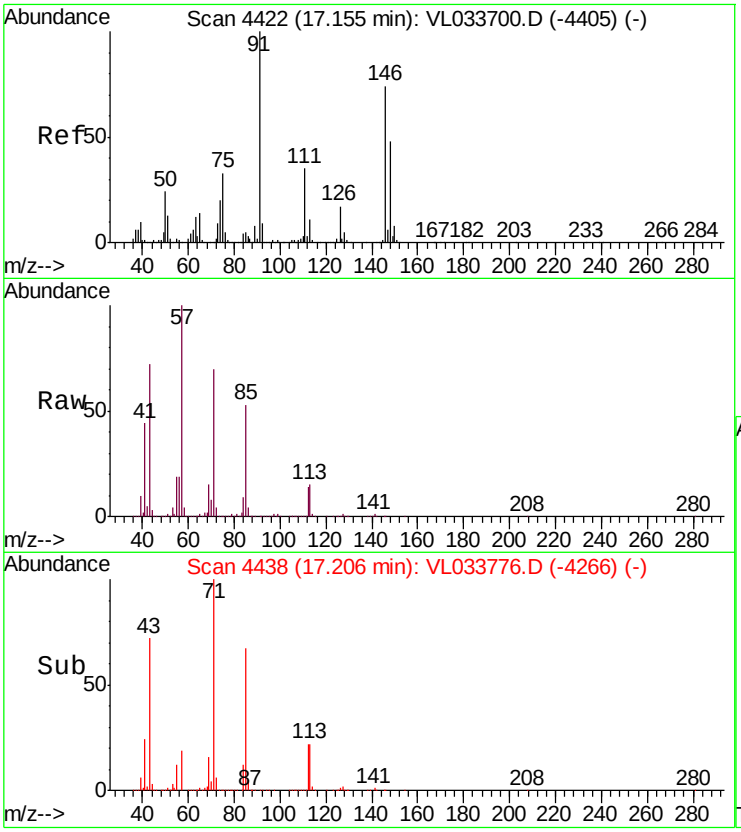


#65
tert-Butylbenzene
Concen: 0.387 ppbv
RT: 16.92 min Scan# 4349
Delta R.T. 0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Tgt Ion:119 Resp: 139047

Ion	Ratio	Lower	Upper
119	100		
91	108.4	65.3	97.9#
134	0.8	15.7	23.5#



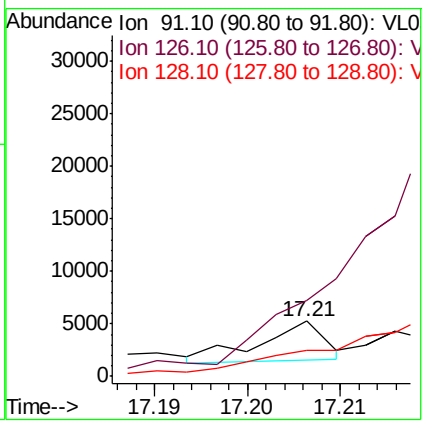


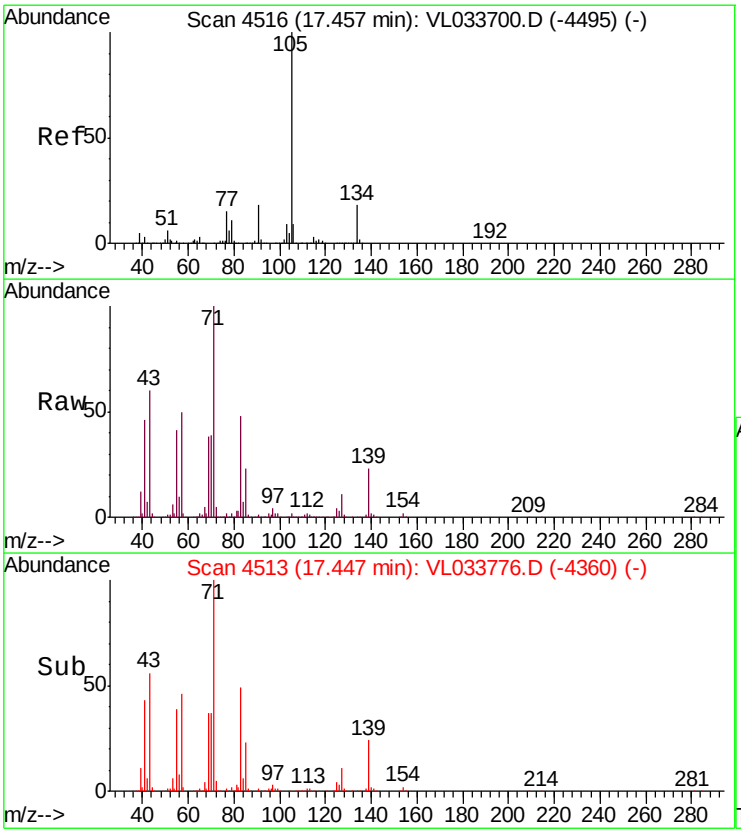
#66
Benzyl Chloride
Concen: 0.011 ppbv
RT: 17.21 min Scan# 4438
Delta R.T. 0.05 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3005-25

Tgt Ion: 91 Resp: 1887

Ion	Ratio	Lower	Upper
91	100		
126	5337.4	13.5	20.3#
128	1513.4	4.3	6.5#

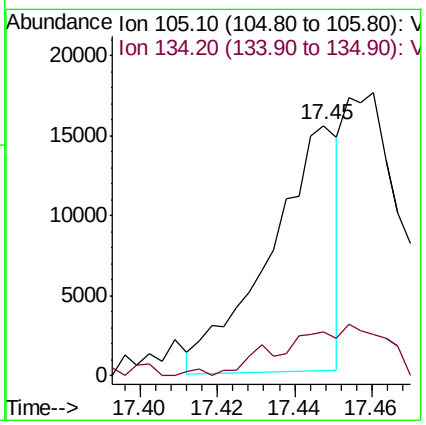


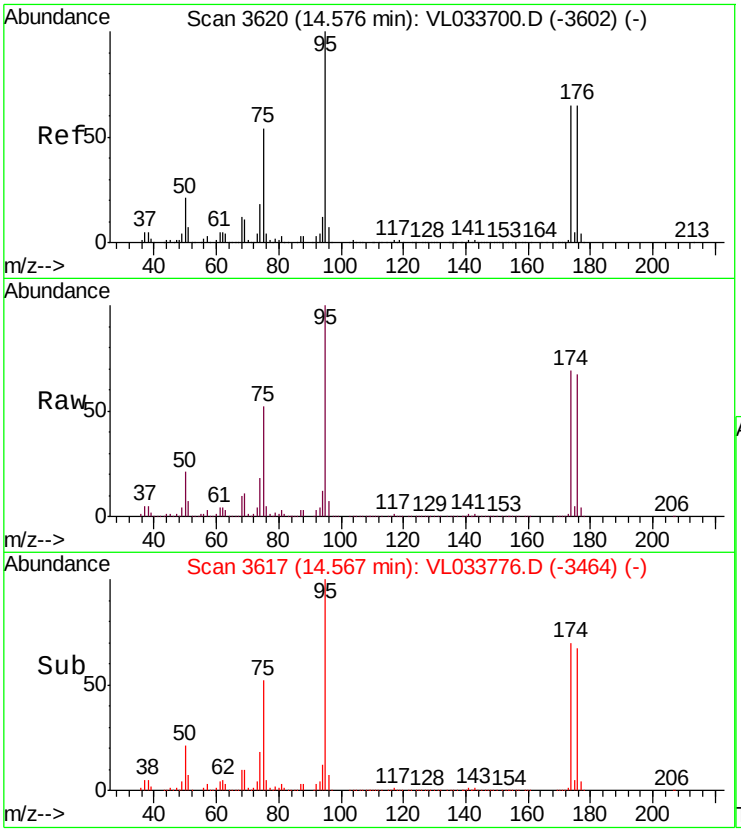


#67
sec-Butylbenzene
Concen: 0.037 ppbv
RT: 17.45 min Scan# 4513
Delta R.T. -0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Tgt Ion:105 Resp: 18855

Ion	Ratio	Lower	Upper
105	100		
134	21.3	14.6	22.0



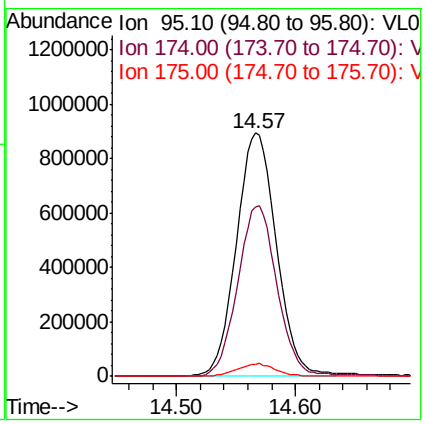


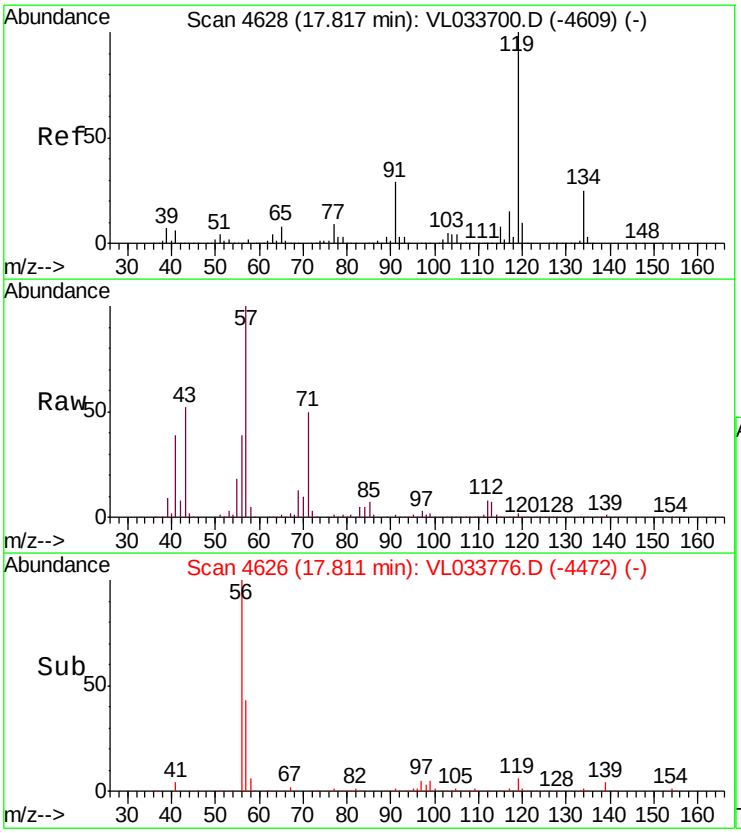
#68
1-Bromo-4-Fluorobenzene
Concen: 10.200 ppbv
RT: 14.57 min Scan# 3617
Delta R.T. -0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3005-25

Tgt Ion: 95 Resp: 2073181

Ion	Ratio	Lower	Upper
95	100		
174	70.0	53.9	80.9
175	5.1	3.8	5.8

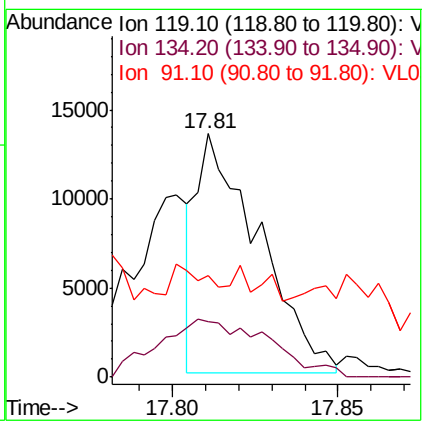


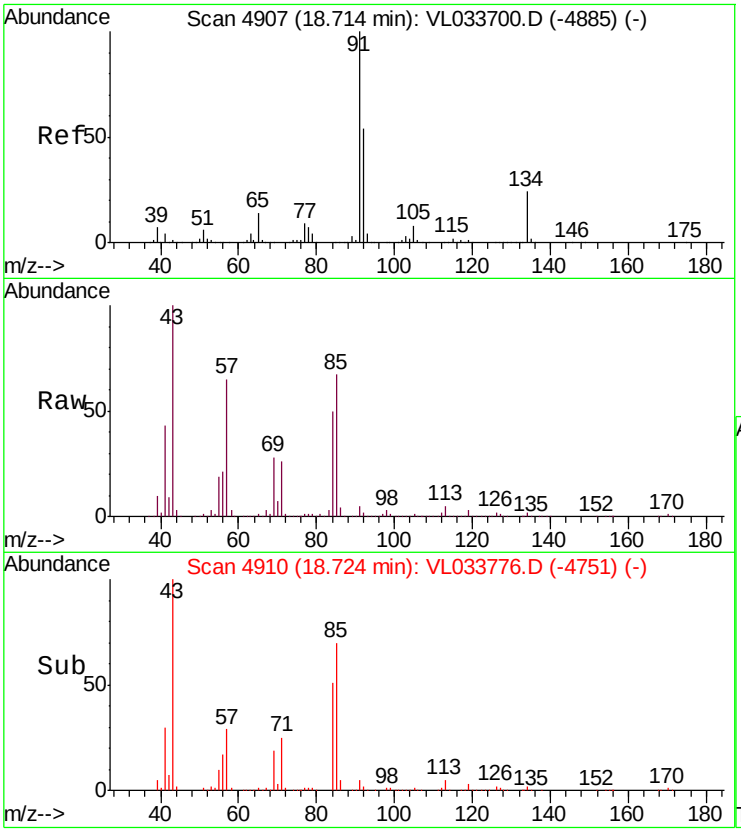


#69
p-Isopropyltoluene
Concen: 0.042 ppbv
RT: 17.81 min Scan# 4626
Delta R.T. -0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Tgt Ion:119 Resp: 17368

Ion	Ratio	Lower	Upper
119	100		
134	44.1	20.3	30.5#
91	0.0	23.1	34.7#



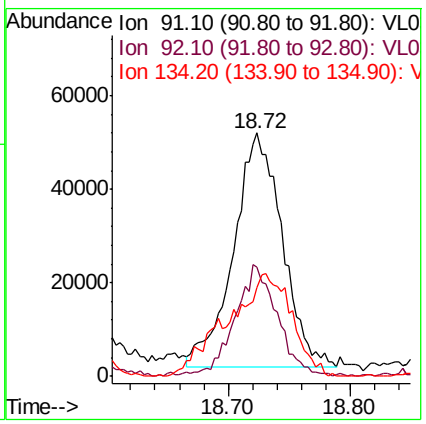


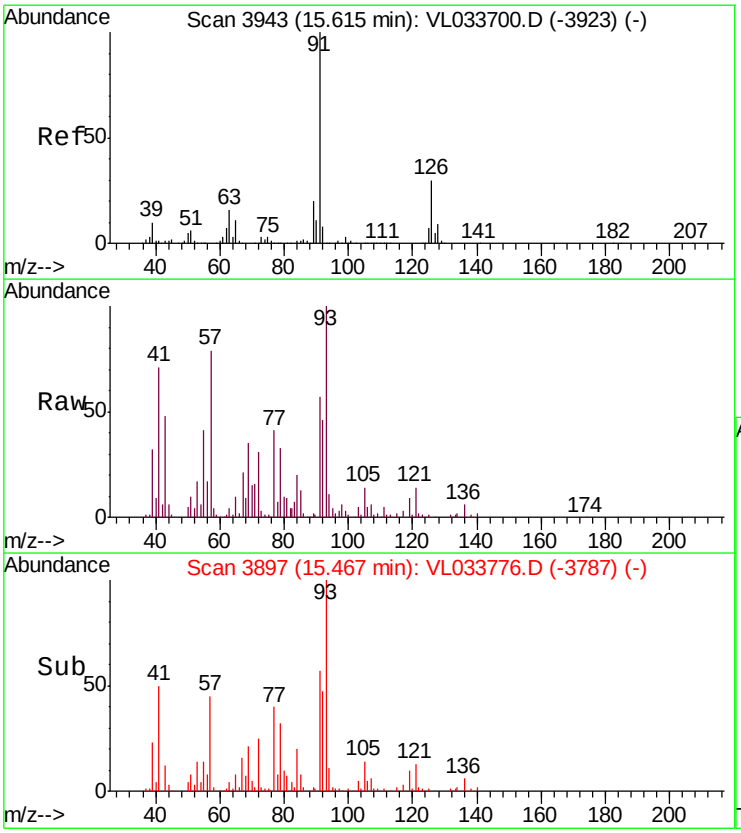
#70
n-Butylbenzene
Concen: 0.309 ppbv
RT: 18.72 min Scan# 4910
Delta R.T. 0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3005-25

Tgt Ion: 91 Resp: 137931

Ion	Ratio	Lower	Upper
91	100		
92	42.2	42.6	63.8#
134	58.2	18.1	27.1#

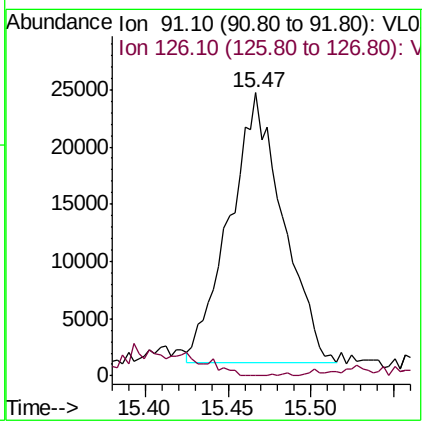


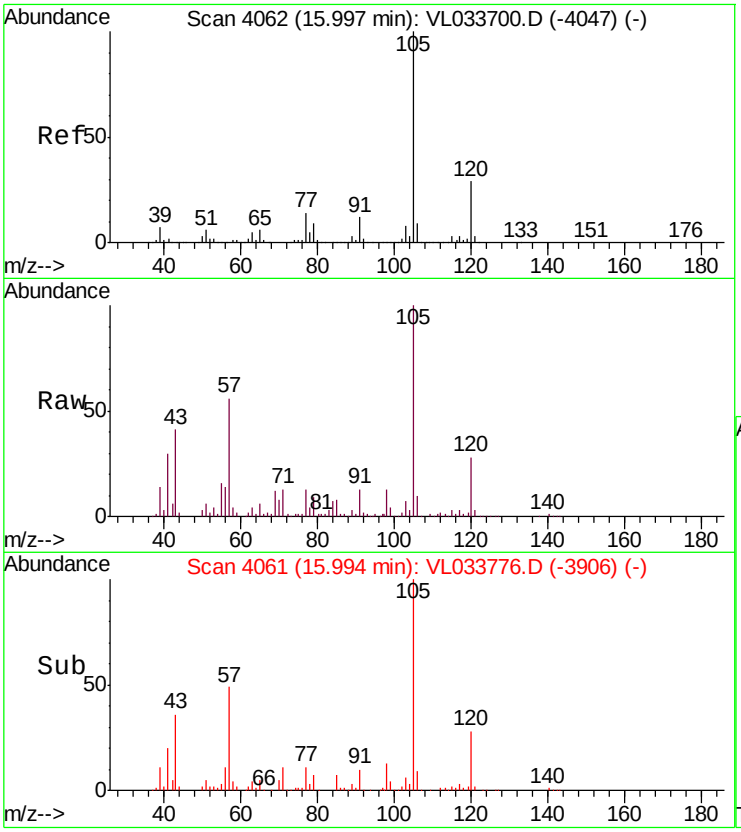


#71
2-Chlorotoluene
Concen: 0.182 ppbv
RT: 15.47 min Scan# 3897
Delta R.T. -0.15 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Tgt Ion: 91 Resp: 53123

Ion	Ratio	Lower	Upper
91	100		
126	2.5	12.0	47.8#



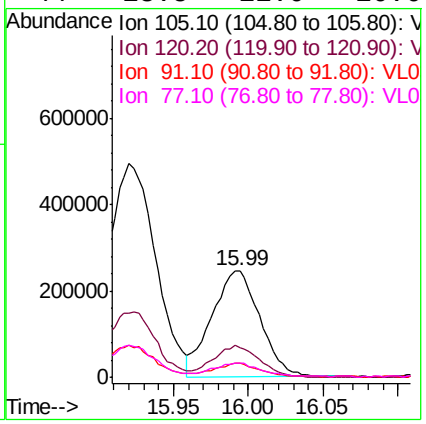


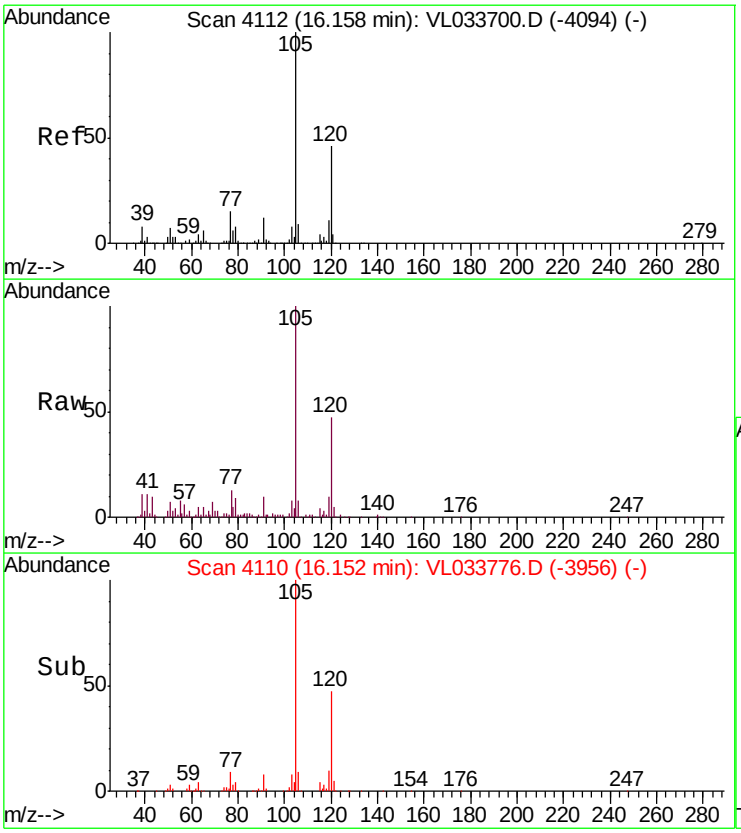
#72
4-Ethyltoluene
Concen: 1.637 ppbv
RT: 15.99 min Scan# 4061
Delta R.T. -0.00 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3005-25

Tgt Ion:105 Resp: 547598

Ion	Ratio	Lower	Upper
105	100		
120	29.1	23.1	34.7
91	13.1	10.4	15.6
77	13.5	11.0	16.6

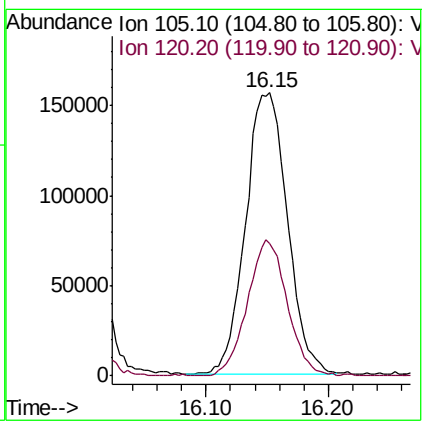


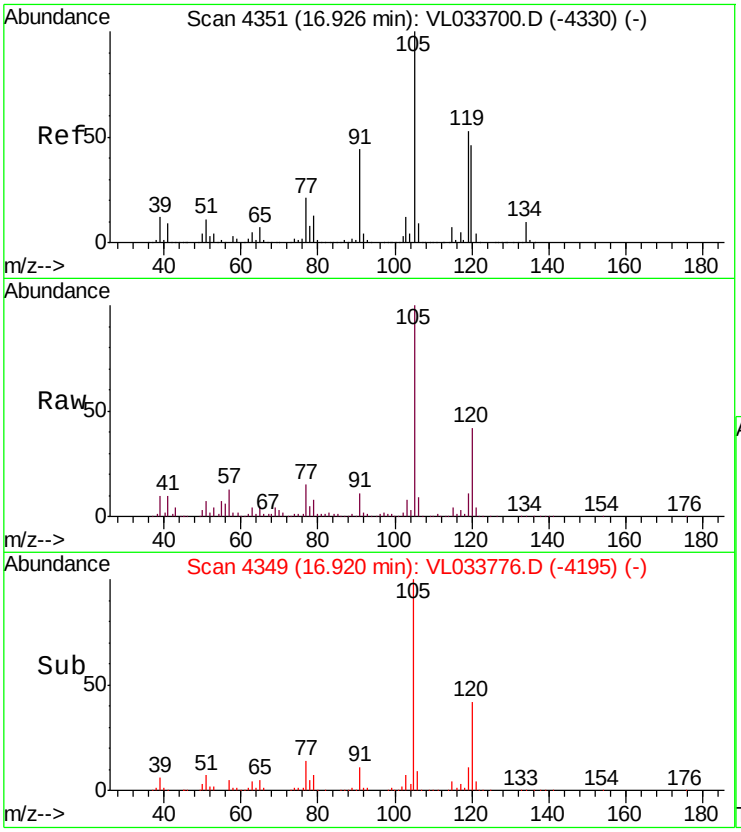


#73
1,3,5-Trimethylbenzene
Concen: 1.132 ppbv
RT: 16.15 min Scan# 4110
Delta R.T. -0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Tgt Ion:105 Resp: 369584

Ion	Ratio	Lower	Upper
105	100		
120	47.0	37.0	55.4



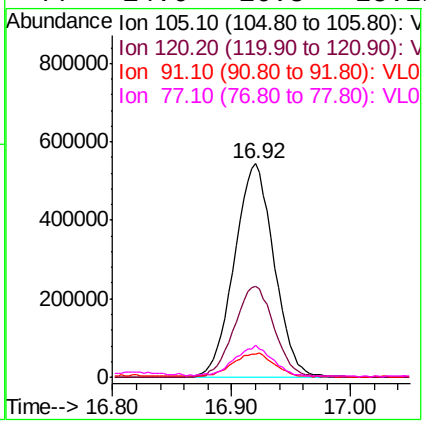


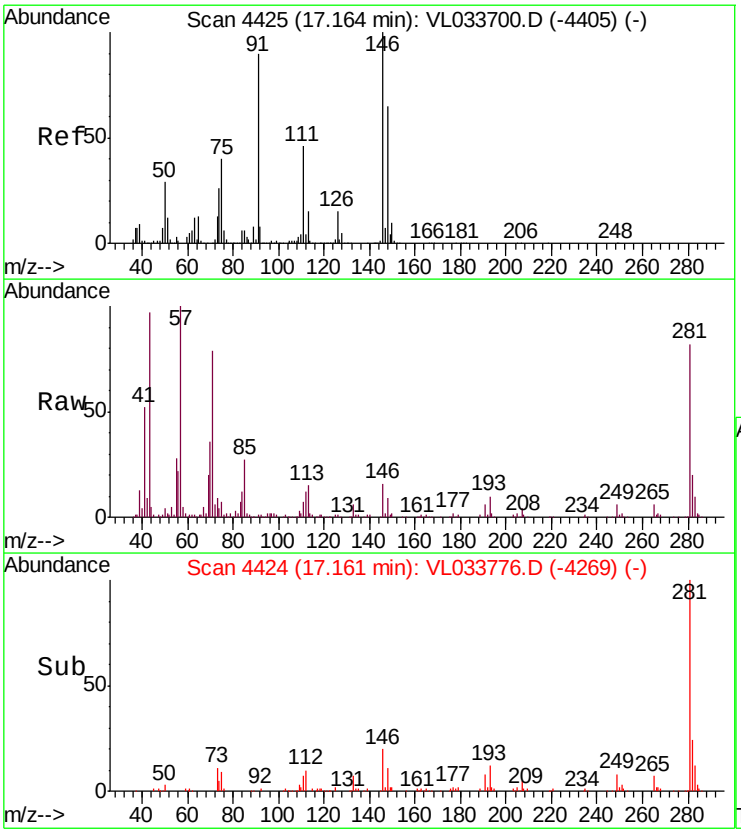
#74
1,2,4-Trimethylbenzene
Concen: 3.520 ppbv
RT: 16.92 min Scan# 4349
Delta R.T. -0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3005-25

Tgt Ion:105 Resp: 1250314

Ion	Ratio	Lower	Upper
105	100		
120	42.3	36.8	55.2
91	10.7	35.4	53.0#
77	14.6	16.8	25.2#

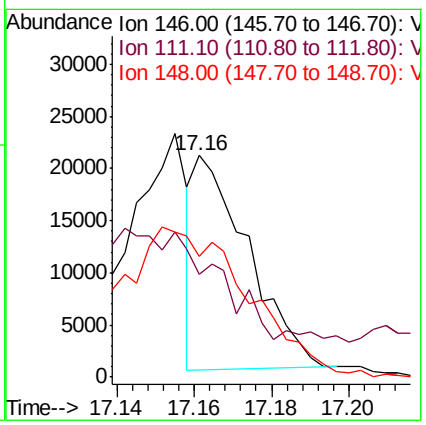


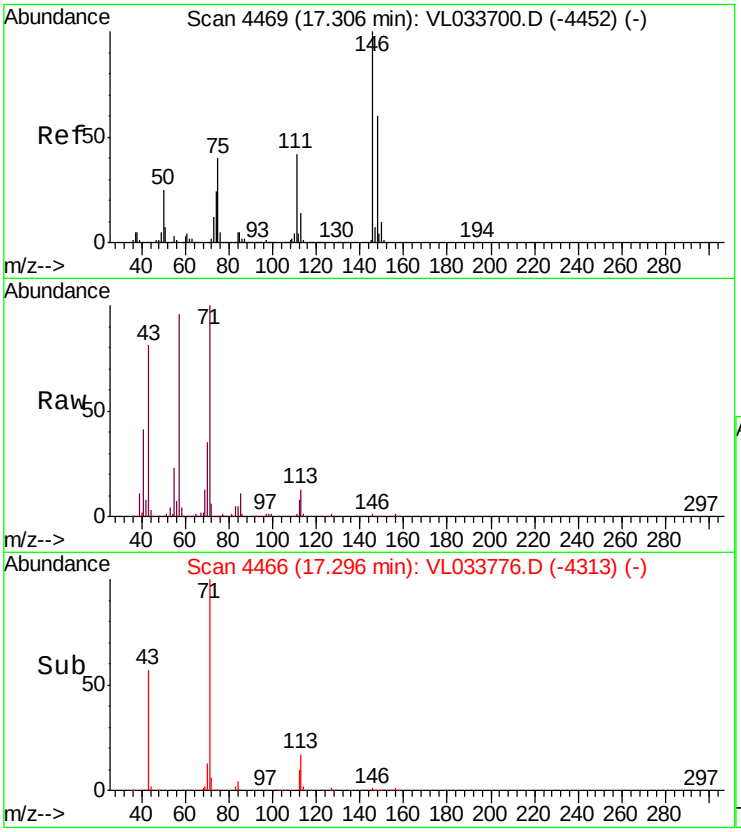


#75
1,3-Dichlorobenzene
Concen: 0.091 ppbv
RT: 17.16 min Scan# 4424
Delta R.T. -0.00 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Tgt Ion:146 Resp: 19789

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



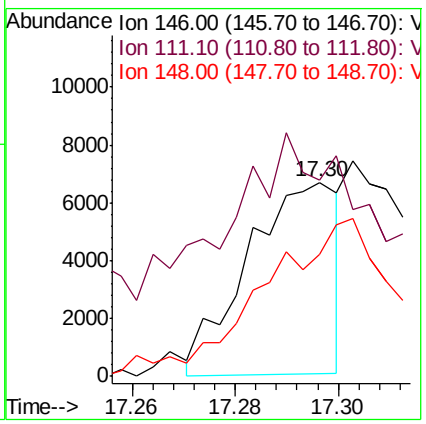


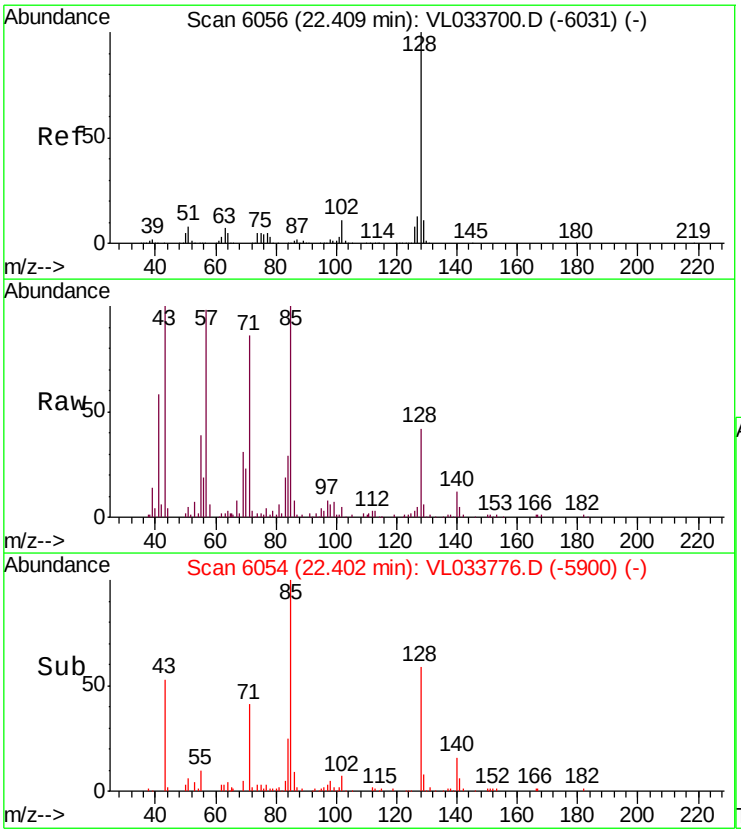
#76
1,4-Dichlorobenzene
Concen: 0.039 ppbv
RT: 17.30 min Scan# 4466
Delta R.T. -0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3005-25

Tgt Ion:146 Resp: 8050

Ion	Ratio	Lower	Upper
146	100		
111	186.6	21.9	65.8#
148	0.0	32.1	96.3#

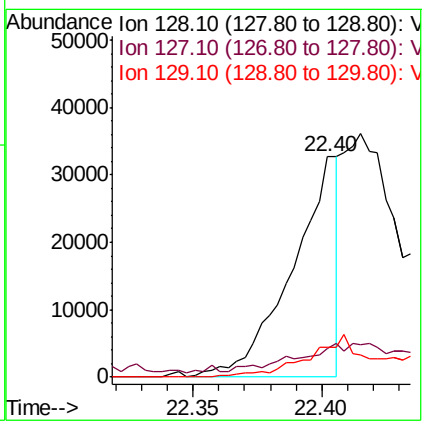


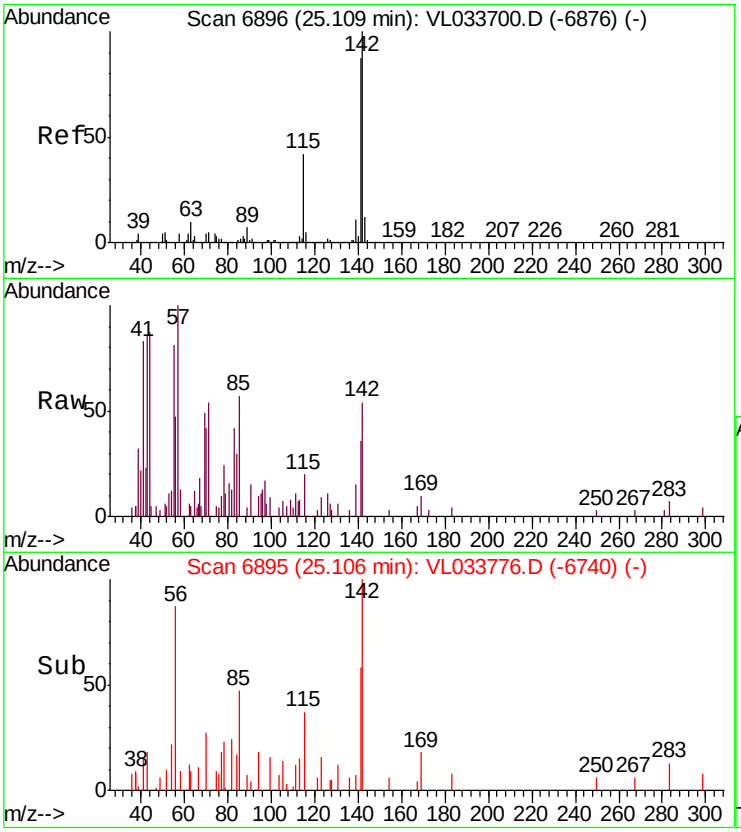


#79
Naphthalene
Concen: 0.122 ppbv
RT: 22.40 min Scan# 6054
Delta R.T. -0.01 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Tgt Ion:128 Resp: 40363

Ion	Ratio	Lower	Upper
128	100		
127	10.9	10.6	16.0
129	13.4	8.9	13.3#





#80
Naphthalene,2-methyl-
Concen: 0.042 ppbv
RT: 25.11 min Scan# 6895
Delta R.T. -0.00 min
Lab File: VL033776.D
Acq: 23 May 2019 16:49

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3005-25

Tgt Ion:142 Resp: 5260

Ion	Ratio	Lower	Upper
142	100		
141	103.2	67.2	100.8#
115	58.3	34.1	51.1#