Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070620\
Data File : VL035148.D
Acq On : 6 Jul 2020 15:03
Operator : SY/AP
Sample : L3190-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : PERM-01

Quant Time: Jul 07 05:03:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL061920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LSat Jun 20 02:10:36 2020
QLast Update : Sat Jun 20 02:10:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	6626	10.00	ppbv		0.02
33) 1,4-Difluorobenzene	7.30	114	2637444	10.00	ppbv		0.13
55) Chlorobenzene-d5	12.15	117	2378227	10.00	ppbv		0.04
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.47	95	2011429	10.18	ppbv		0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.38	85	433	0.484	ppbv		97
3) Chlorodifluoromethane	2.93	51	48747	66.598	ppbv	#	1
4) Chloromethane	3.11	50	50017	121.900	ppbv	#	89
5) Vinyl Chloride	2.95	62	12190139	31240.833	ppbv	#	17
6) Bromomethane	3.45	94	2131	8.795	ppbv	#	44
7) Chloroethane	3.53	64	2897	19.689	ppbv	#	66
8) Dichlorotetrafluoroethane	3.37	85	679	0.708	ppbv		96
9) Propene	2.95	41	2371131	8180.696	ppbv	#	76
10) Heptane	8.16	43	4535	6.037	ppbv	#	26
11) Trichlorofluoromethane	3.93	101	41397	43.310	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.47	101	8027	12.145	ppbv		97
13) Ethanol	3.57	45	1023008	9342.965	ppbv		90
14) Bromoethene	3.71	108	86	0.302	ppbv	#	7
15) Acetone	3.83	43	7879131	9835.454	ppbv	#	73
16) 1,3-Butadiene	3.30	39	258265	735.066	ppbv	#	12
17) tert-Butyl alcohol	4.28	59	1575297	2218.822	ppbv	#	88
18) 1,1-Dichloroethene	4.56	96	7154	23.999	ppbv	#	84
19) Isopropyl Alcohol	3.94	45	880854	1693.409	ppbv	#	93
20) Methylene Chloride	4.34	84	148061	456.664	ppbv		86
21) Allyl Chloride	4.39	41	11127	23.371	ppbv	#	20
22) trans-1,2-Dichloroethene	4.88	96	833	2.987	ppbv	#	48
23) Vinyl Acetate	5.08	43	118388	121.749	ppbv	#	71
24) 1,1-Dichloroethane	5.01	63	3272	3.991	ppbv	#	88
25) Ethyl Acetate	5.71	43	148884	102.979	ppbv	#	71
26) Hexane	5.76	57	382230	586.397	ppbv	#	1
27) Carbon Disulfide	4.57	76	50962007	75548.671	ppbv	#	1
28) Methyl tert-Butyl Ether	5.02	73	808	0.882	ppbv	#	52
29) Chloroform	5.71	83	825	0.809	ppbv		100
30) Cyclohexane	7.14	84	652297	1394.331	ppbv	#	1
31) cis-1,2-Dichloroethene	5.54	61	777	1.293	ppbv	#	26
32) 1,1,1-Trichloroethane	6.54	97	372	0.393	ppbv	#	45
34) 2-Butanone	5.31	43	117119	0.773	ppbv	#	53
36) Benzene	7.03	78	20367909	99.729	ppbv	#	76
39) 1,2-Dichloropropane	7.74	63	13139	0.164	ppbv		92
44) 2,2,4-Trimethylpentane	7.98	57	79033	0.222	ppbv	#	22
47) 1,1,2-Trichloroethane	9.96	97	557693	6.397	ppbv	#	18
51) 2-Hexanone	10.21	43	24600	0.146	ppbv	#	29
53) Toluene	9.90	91	1764061	8.098	ppbv		97
58) Ethyl Benzene	12.77	91	173363	0.649	ppbv		94
59) m/p-Xylene	13.02	91	359062	1.516	ppbv		98
60) o-Xylene	13.75	91	54383	0.231	ppbv	#	44

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070620\
Data File : VL035148.D
Acq On : 6 Jul 2020 15:03
Operator : SY/AP
Sample : L3190-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : PERM-01

Quant Time: Jul 07 05:03:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL061920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LSat Jun 20 02:10:36 2020
QLast Update : Sat Jun 20 02:10:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) Styrene	13.59	104	10486	0.071	ppbv #	1
62) Isopropylbenzene	14.72	105	402981	1.145	ppbv	97
64) n-propylbenzene	15.81	120	3951	0.044	ppbv	96
71) 2-Chlorotoluene	15.61	91	9835	0.037	ppbv #	45
80) Naphthalene,2-methyl-	25.01	142	14965	0.161	ppbv	93

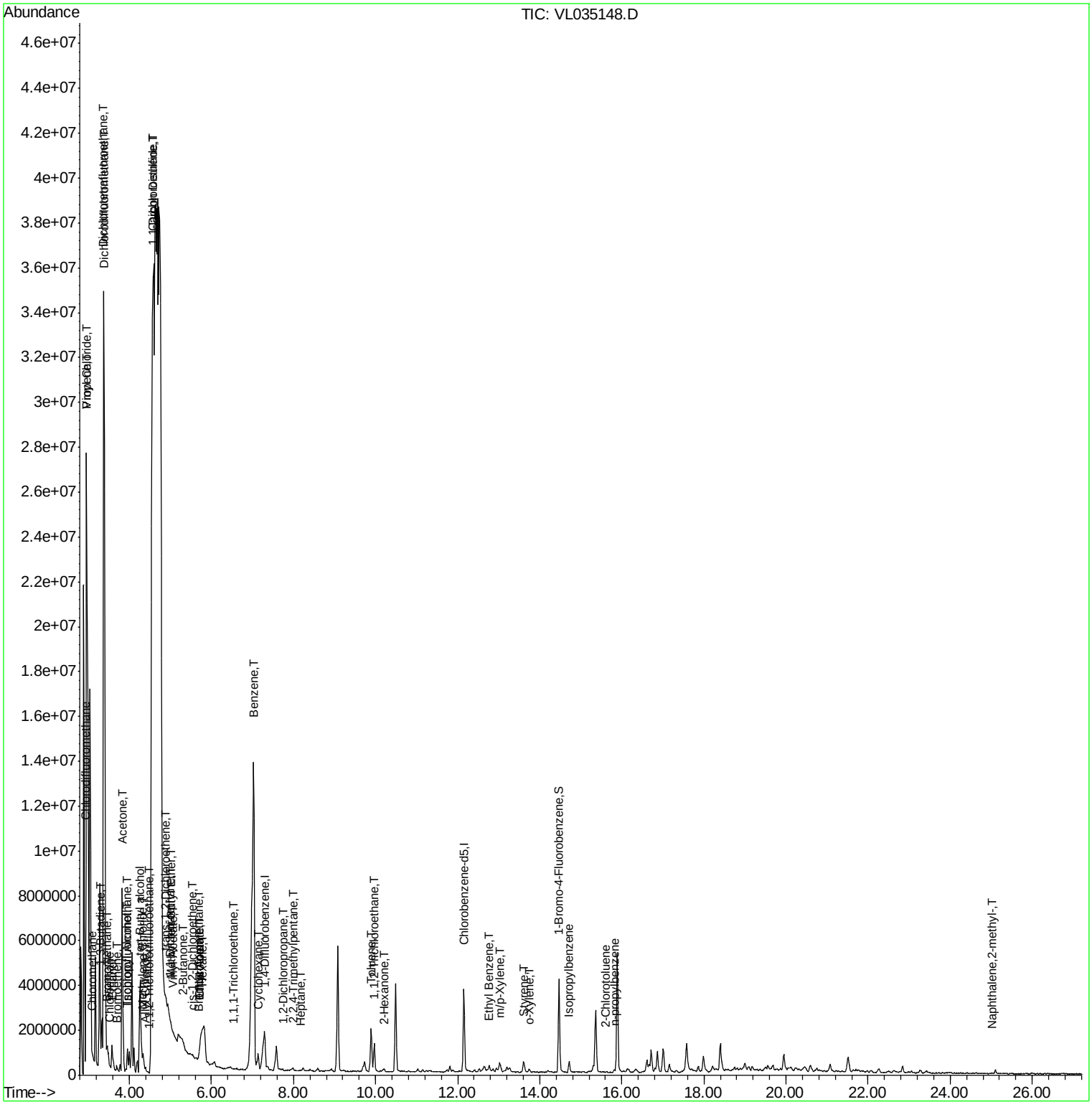
(#) = qualifier out of range (m) = manual integration (+) = signals summed

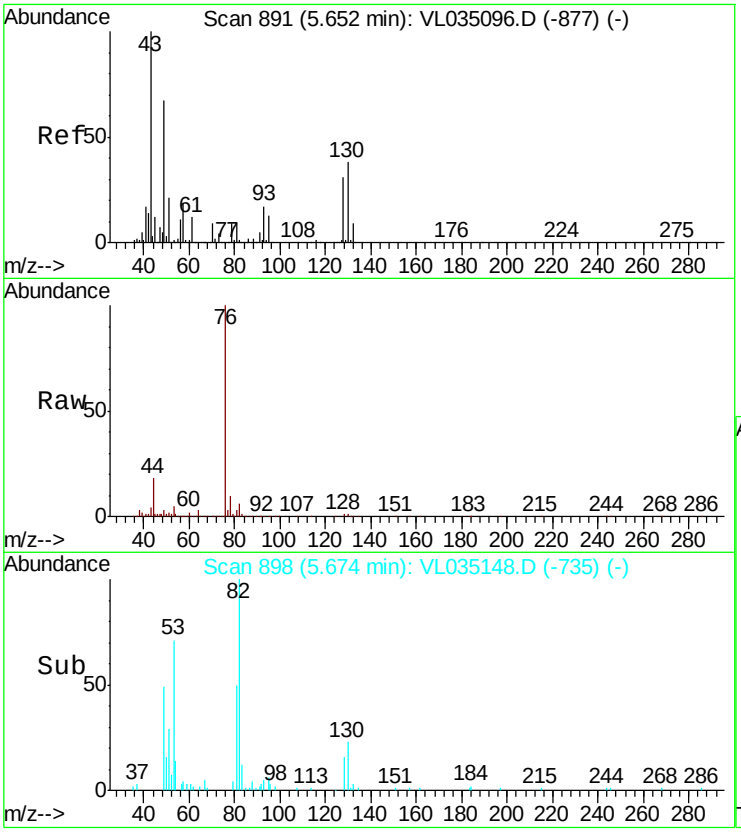
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070620\
Data File : VL035148.D
Acq On : 6 Jul 2020 15:03
Operator : SY/AP
Sample : L3190-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
PERM-01

Quant Time: Jul 07 05:03:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL061920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LSat Jun 20 02:10:36 2020
QLast Update : Sat Jun 20 02:10:36 2020
Response via : Initial Calibration



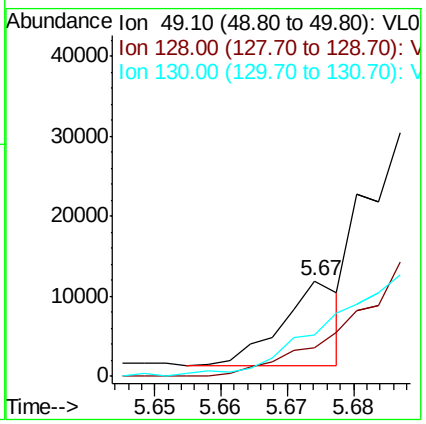


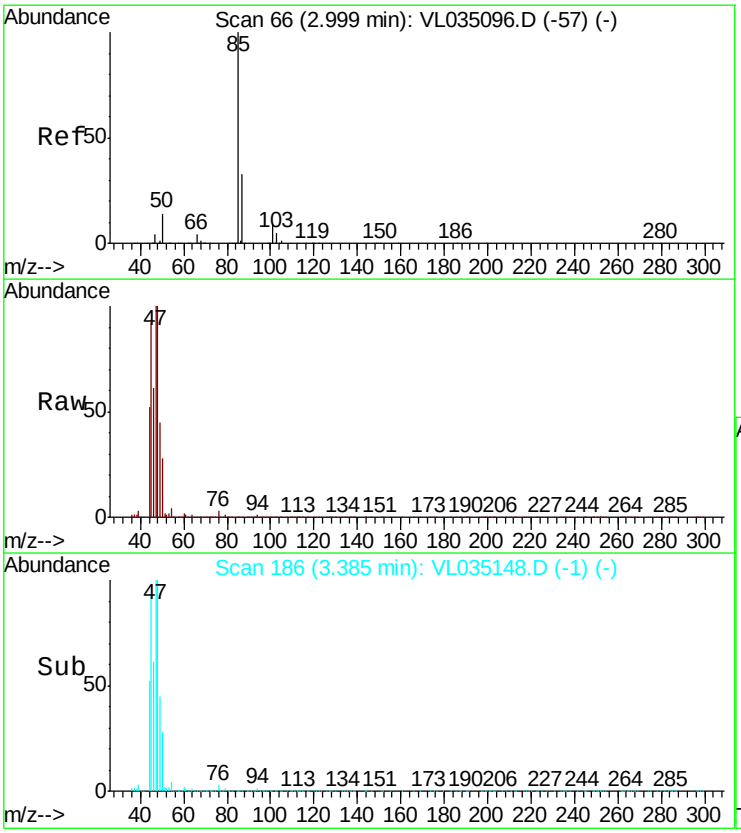
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.02 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Instrument :
MSVOA_L
ClientSampleId :
PERM-01

Tgt Ion: 49 Resp: 6626

Ion	Ratio	Lower	Upper
49	100		
128	0.0	22.9	68.5#
130	0.0	29.0	87.0#

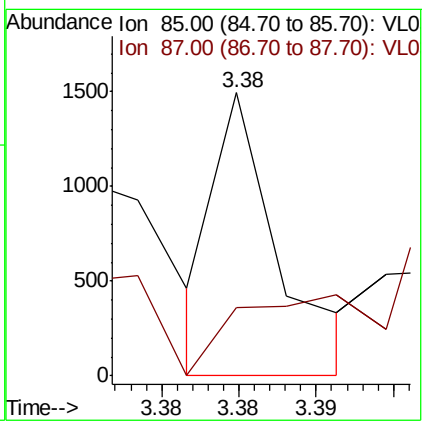


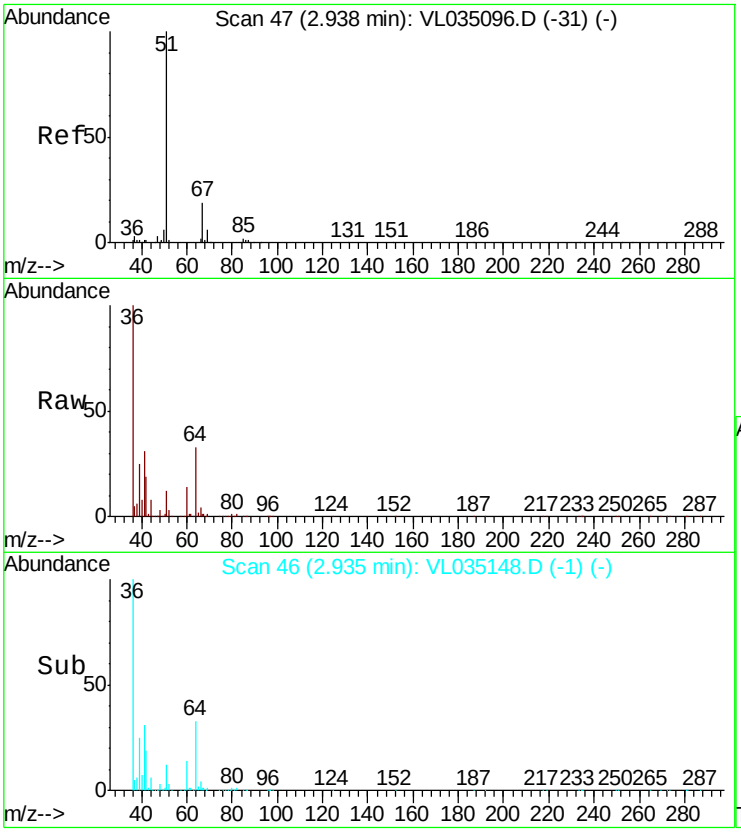


#2
Dichlorodifluoromethane
Concen: 0.484 ppbv
RT: 3.38 min Scan# 186
Delta R.T. 0.39 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Tgt Ion: 85 Resp: 433

Ion	Ratio	Lower	Upper
85	100		
87	31.0	26.1	39.1



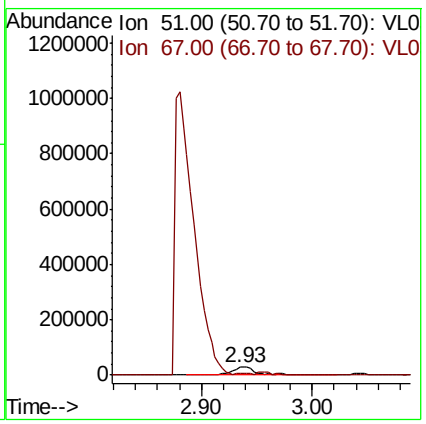


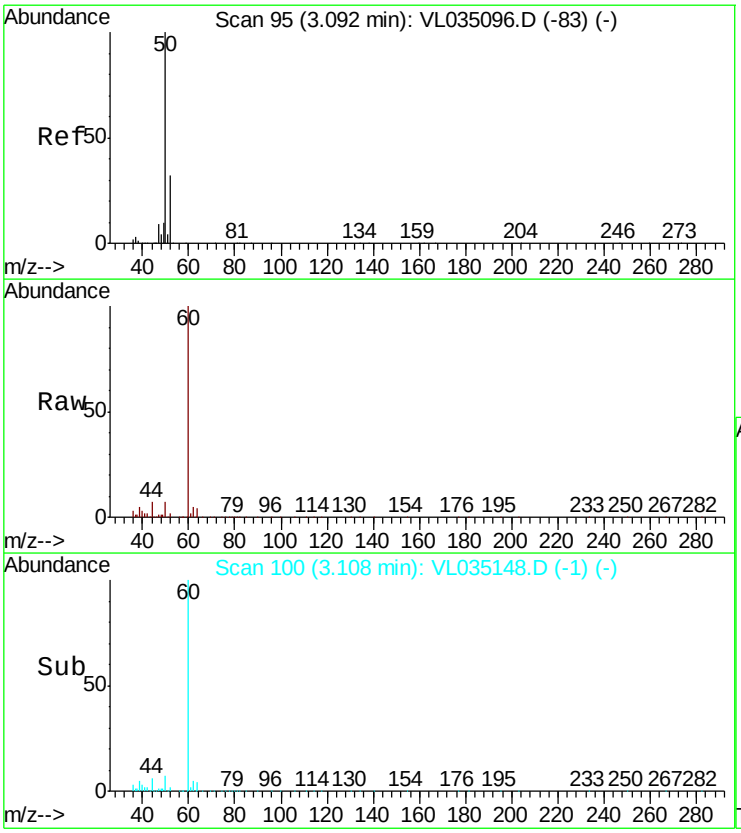
#3
Chlorodifluoromethane
Concen: 66.598 ppbv
RT: 2.93 min Scan# 46
Delta R.T. -0.00 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Instrument : MSVOA_L
ClientSampleId : PERM-01

Tgt Ion: 51 Resp: 48747

Ion	Ratio	Lower	Upper
51	100		
67	2509.6	15.2	22.8#

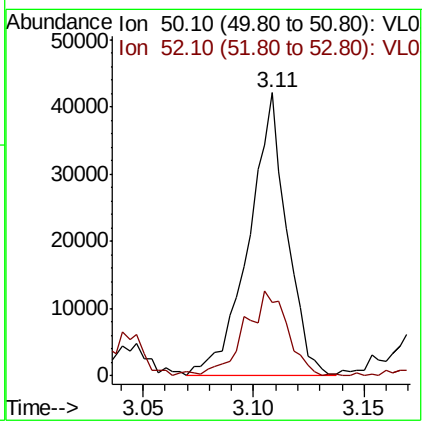


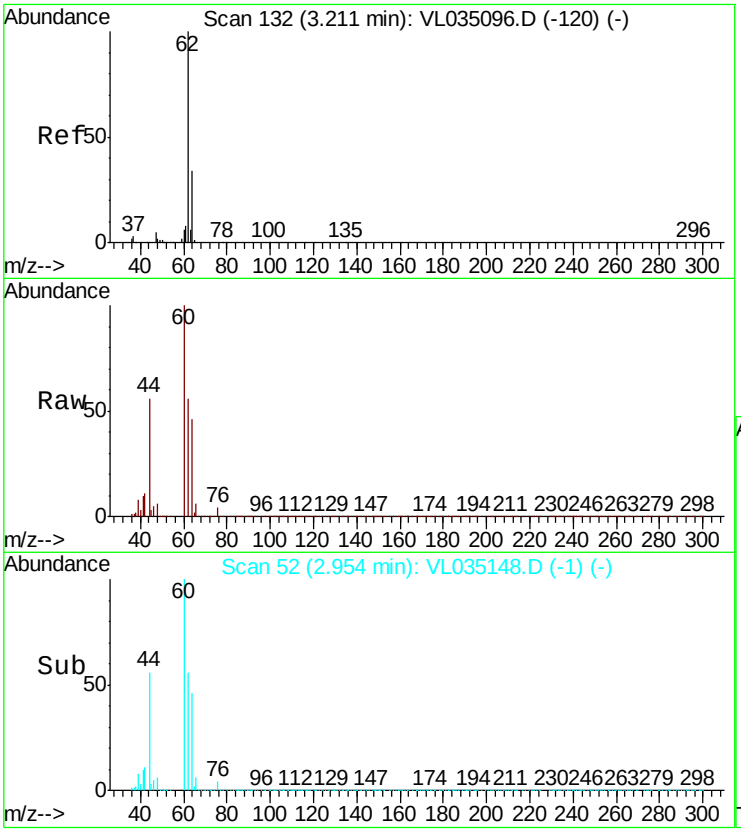


#4
Chloromethane
Concen: 121.900 ppbv
RT: 3.11 min Scan# 100
Delta R.T. 0.02 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Tgt Ion: 50 Resp: 50017

Ion	Ratio	Lower	Upper
50	100		
52	25.4	25.4	38.0#



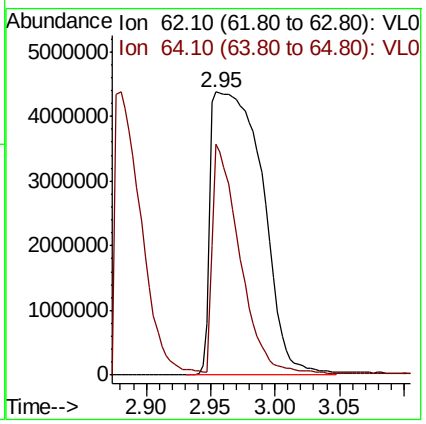


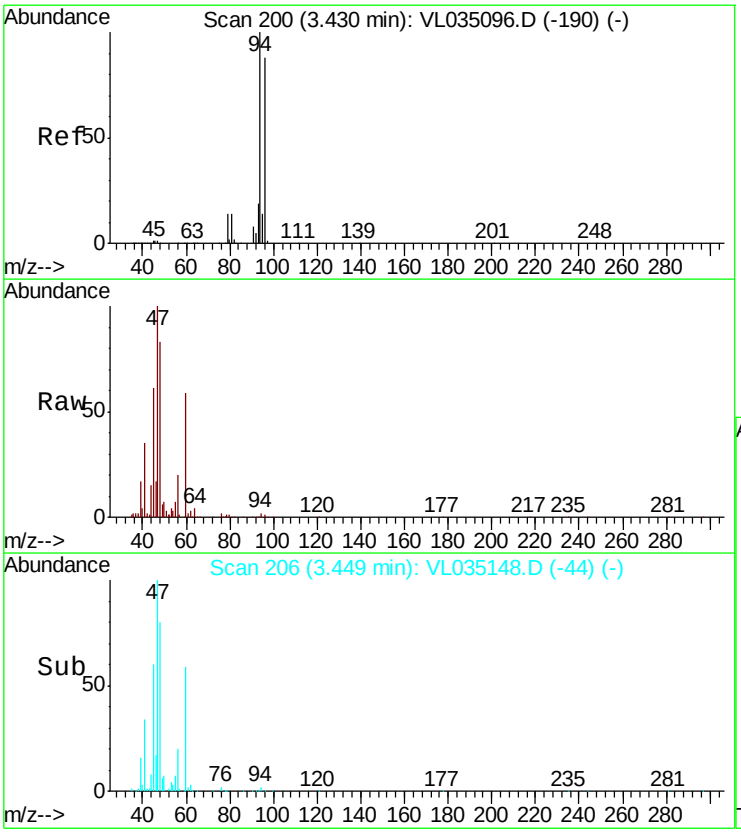
#5
Vinyl Chloride
Concen: 31240.833 ppbv
RT: 2.95 min Scan# 52
Delta R.T. -0.26 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Instrument :
MSVOA_L
ClientSampleId :
PERM-01

Tgt Ion: 62 Resp:12190139

Ion	Ratio	Lower	Upper
62	100		
64	81.0	27.0	40.4#

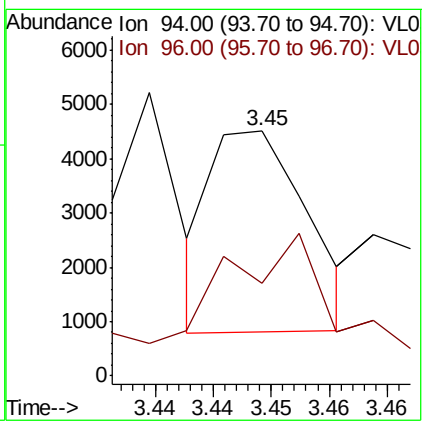


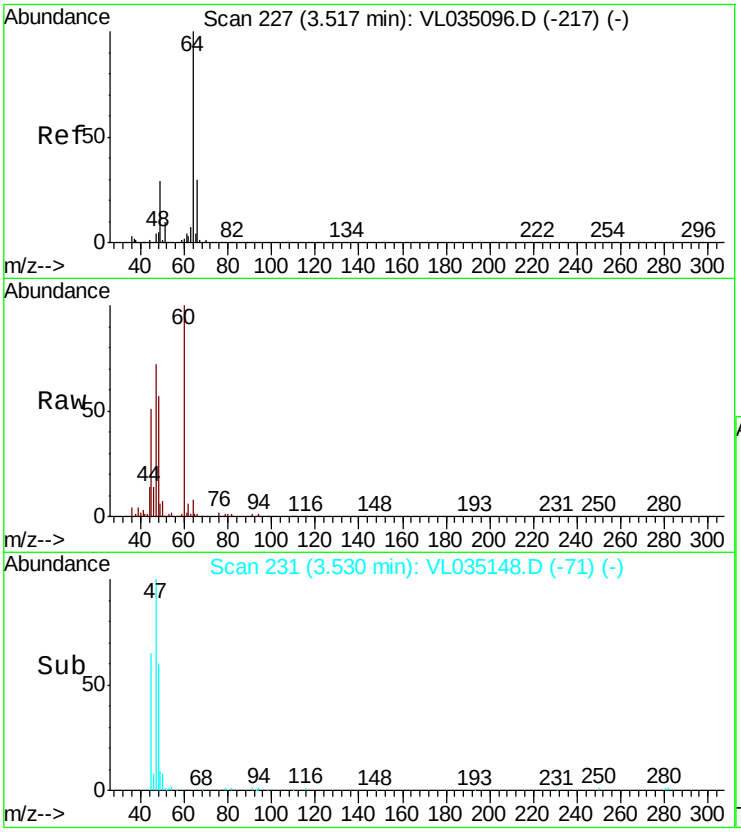


#6
Bromomethane
Concen: 8.795 ppbv
RT: 3.45 min Scan# 206
Delta R.T. 0.02 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Tgt Ion: 94 Resp: 2131

Ion	Ratio	Lower	Upper
94	100		
96	36.2	70.2	105.2#



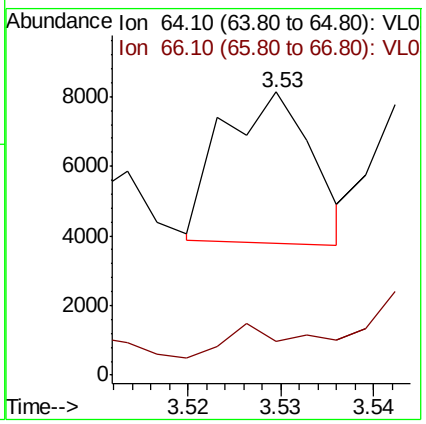


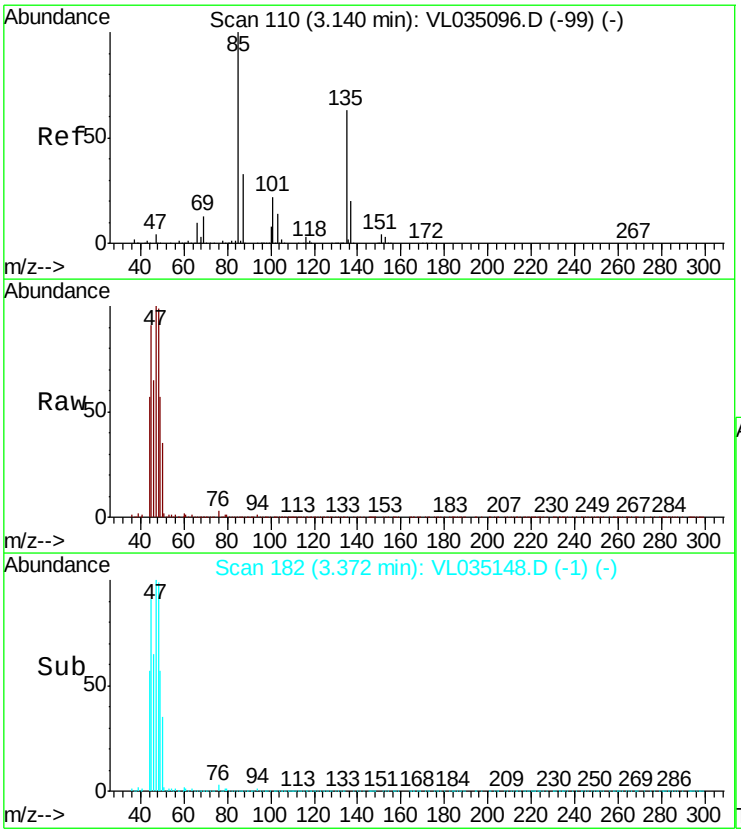
#7
Chloroethane
Concen: 19.689 ppbv
RT: 3.53 min Scan# 231
Delta R.T. 0.01 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Instrument :
MSVOA_L
ClientSampleId :
PERM-01

Tgt Ion: 64 Resp: 2897

Ion	Ratio	Lower	Upper
64	100		
66	12.0	24.2	36.4#

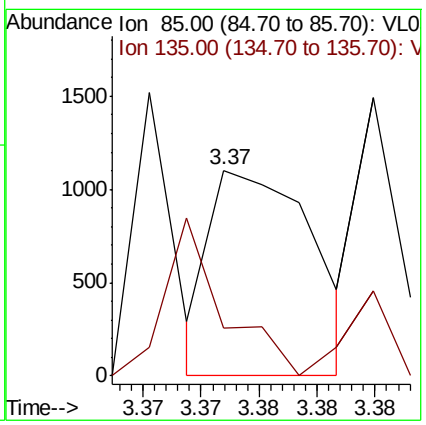


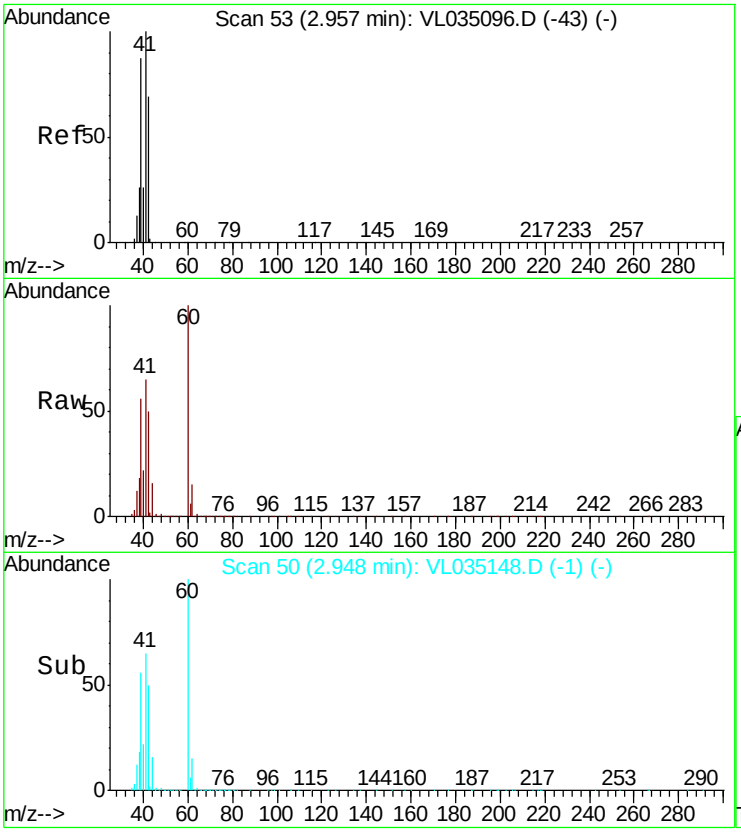


#8
Dichlorotetrafluoroethane
Concen: 0.708 ppbv
RT: 3.37 min Scan# 182
Delta R.T. 0.23 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Tgt Ion: 85 Resp: 679

Ion	Ratio	Lower	Upper
85	100		
135	60.5	51.0	76.6



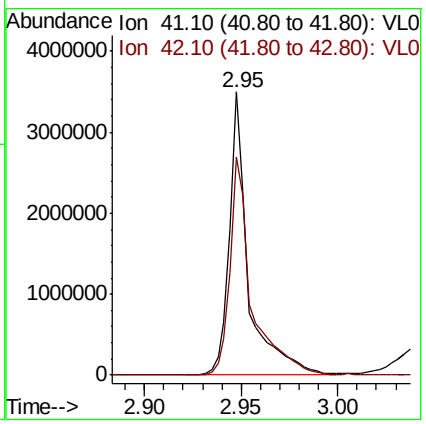


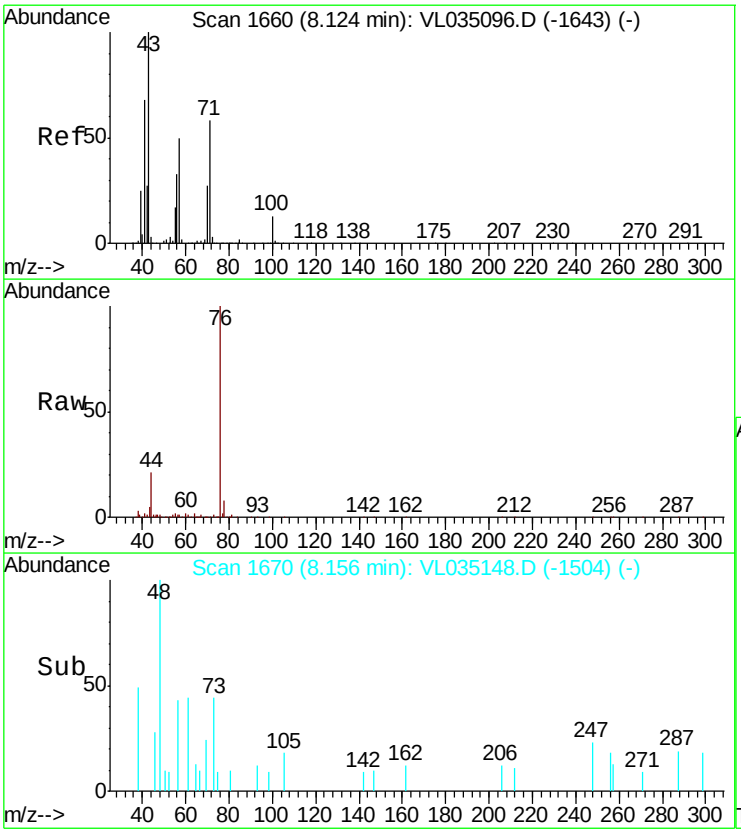
#9
Propene
Concen: 8180.696 ppbv
RT: 2.95 min Scan# 50
Delta R.T. -0.01 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Instrument :
MSVOA_L
ClientSampleId :
PERM-01

Tgt Ion: 41 Resp: 2371131

Ion	Ratio	Lower	Upper
41	100		
42	89.7	55.8	83.6#

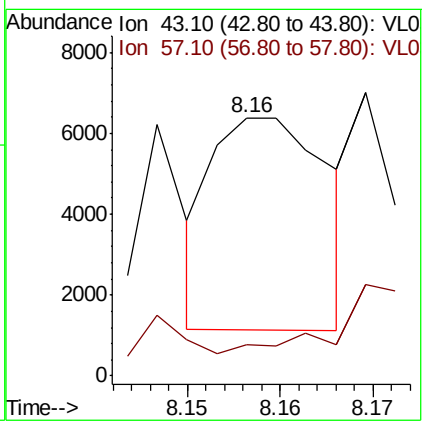


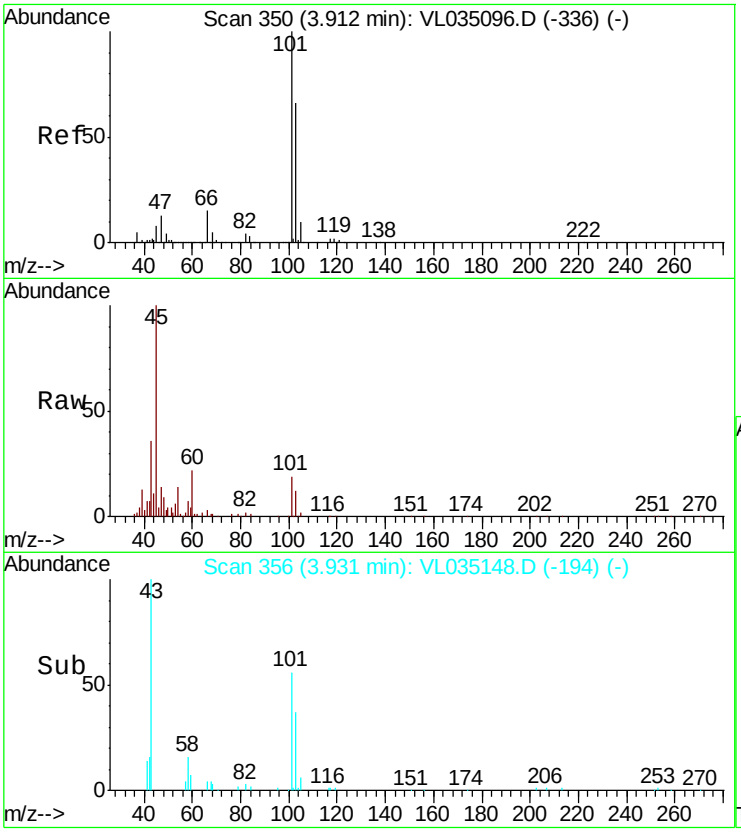


#10
Heptane
Concen: 6.037 ppbv
RT: 8.16 min Scan# 1670
Delta R.T. 0.03 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Tgt Ion: 43 Resp: 4535

Ion	Ratio	Lower	Upper
43	100		
57	0.0	41.9	62.9#



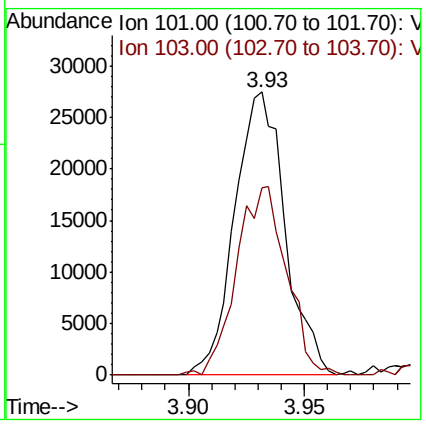


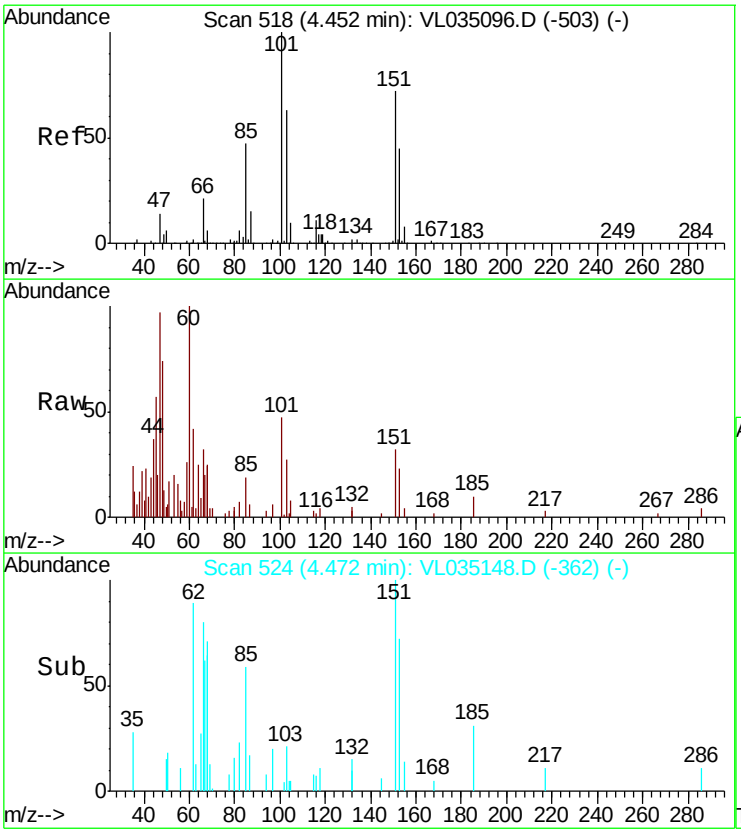
#11
Trichlorofluoromethane
Concen: 43.310 ppbv
RT: 3.93 min Scan# 356
Delta R.T. 0.02 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Instrument :
MSVOA_L
ClientSampleId :
PERM-01

Tgt Ion:101 Resp: 41397

Ion	Ratio	Lower	Upper
101	100		
103	65.4	52.6	79.0

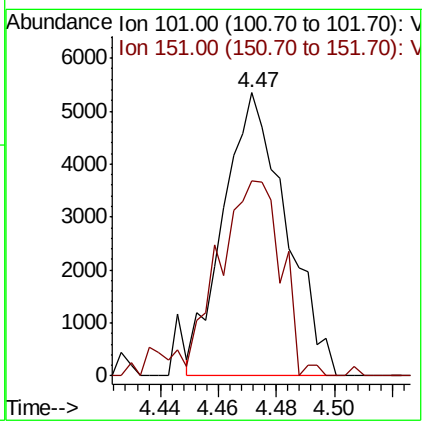


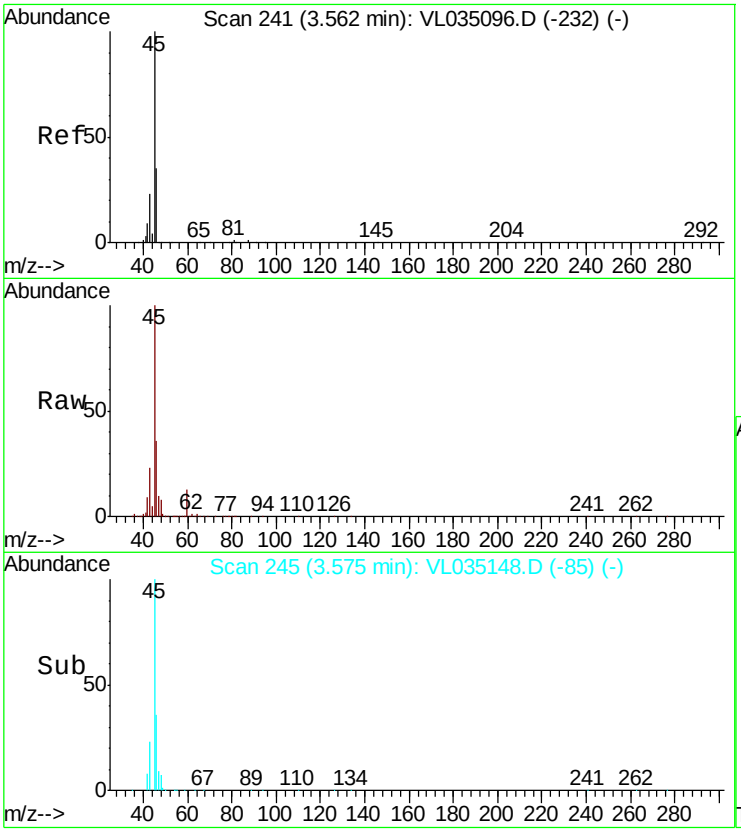


#12
1,1,2-Trichlorotrifluoroethane
Concen: 12.145 ppbv
RT: 4.47 min Scan# 524
Delta R.T. 0.02 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Tgt Ion:101 Resp: 8027

Ion	Ratio	Lower	Upper
101	100		
151	73.0	56.6	85.0



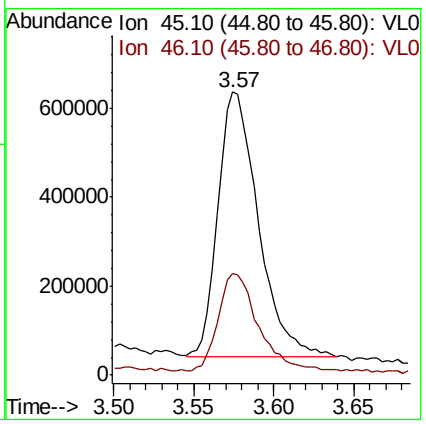


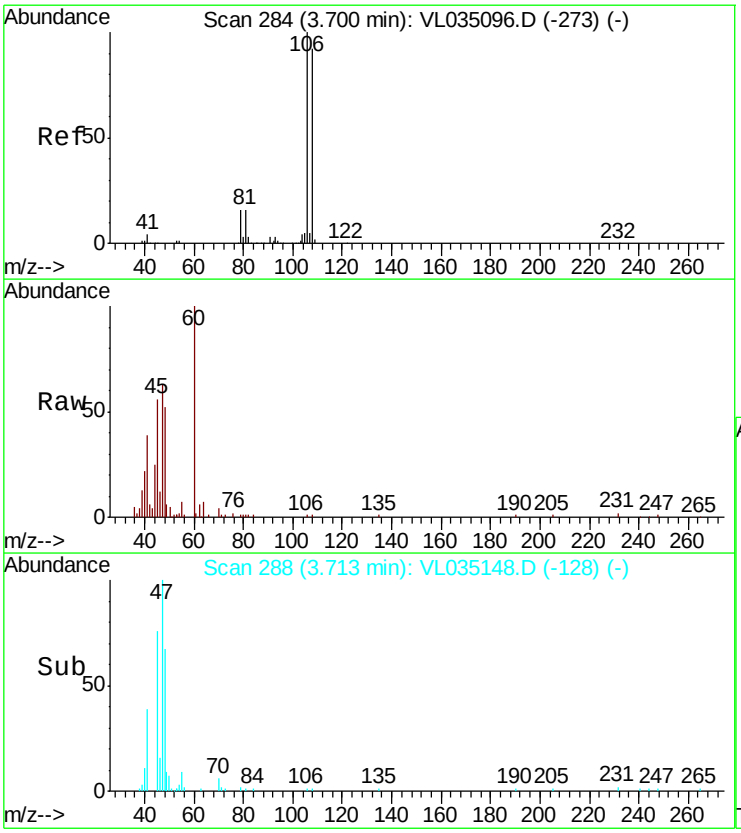
#13
Ethanol
Concen: 9342.965 ppbv
RT: 3.57 min Scan# 245
Delta R.T. 0.01 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Instrument :
MSVOA_L
ClientSampleId :
PERM-01

Tgt Ion: 45 Resp: 1023008

Ion	Ratio	Lower	Upper
45	100		
46	41.2	14.2	57.0

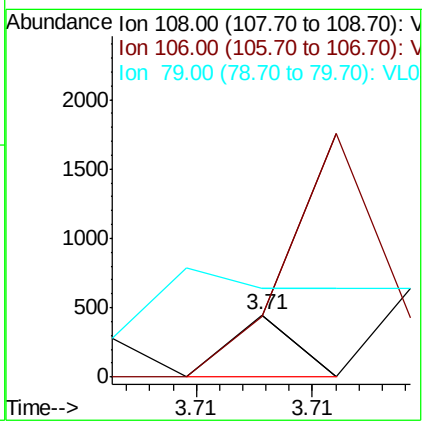


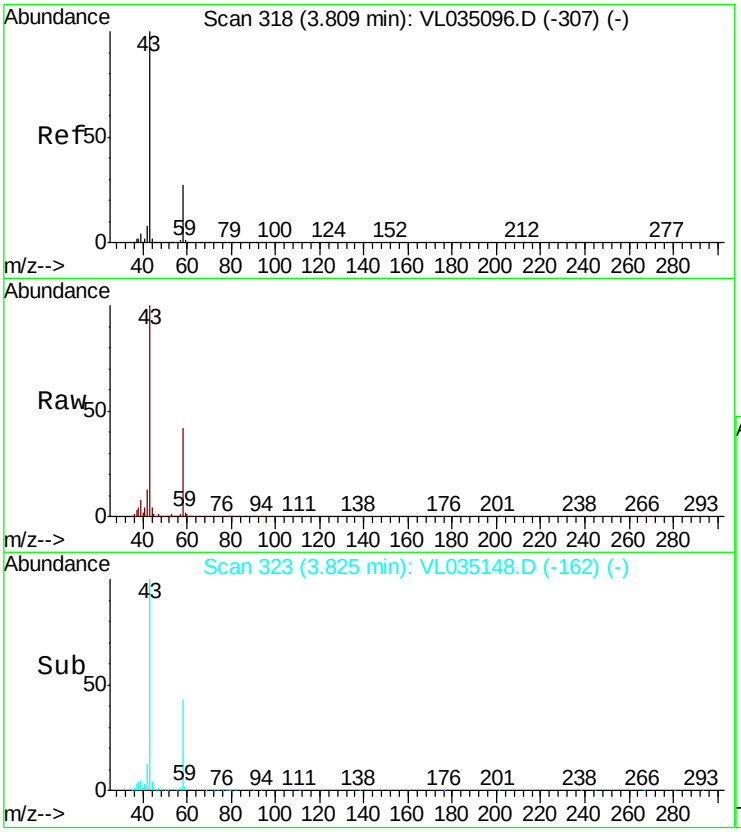


#14
Bromoethene
Concen: 0.302 ppbv
RT: 3.71 min Scan# 288
Delta R.T. 0.01 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Tgt Ion:108 Resp: 86

Ion	Ratio	Lower	Upper
108	100		
106	0.0	84.4	126.6#
79	0.0	14.2	21.2#



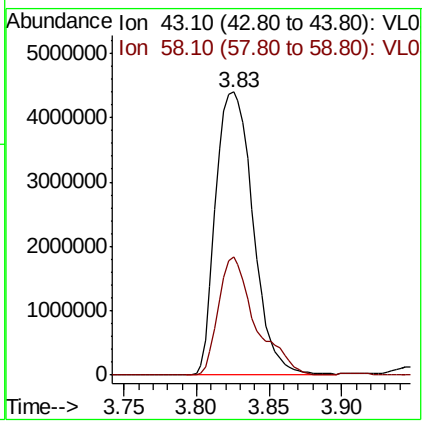


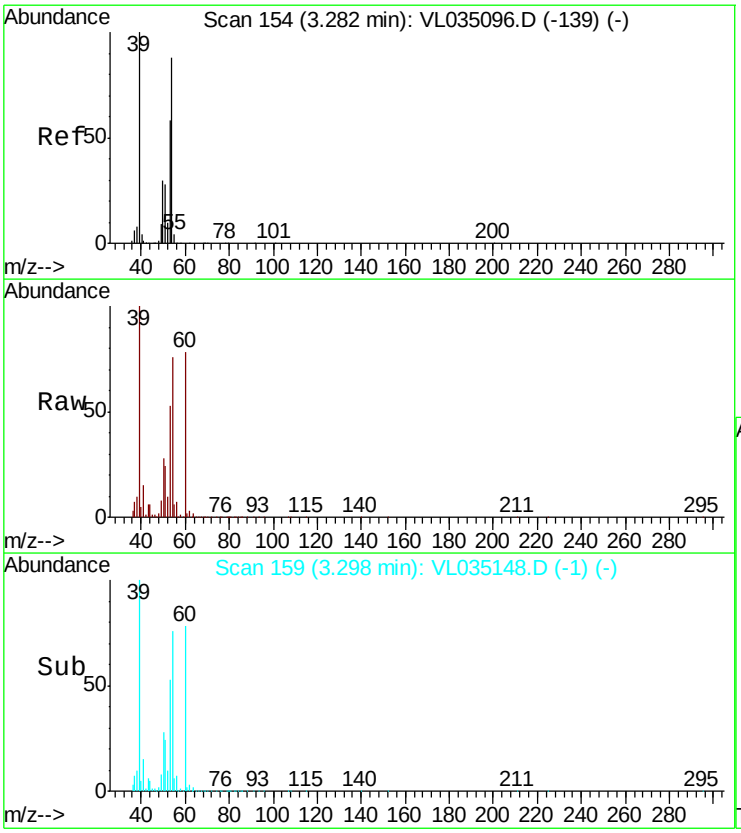
#15
Acetone
Concen: 9835.454 ppbv
RT: 3.83 min Scan# 323
Delta R.T. 0.02 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Instrument : MSVOA_L
ClientSampleId : PERM-01

Tgt Ion: 43 Resp: 7879131

Ion	Ratio	Lower	Upper
43	100		
58	41.4	21.8	32.6#

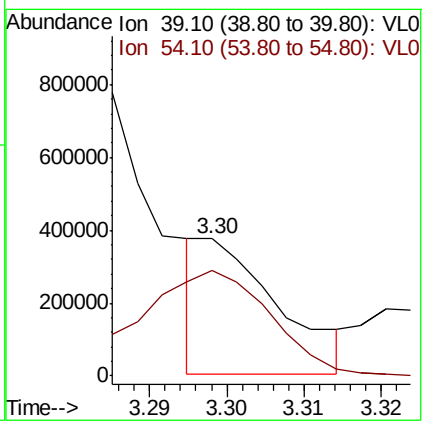


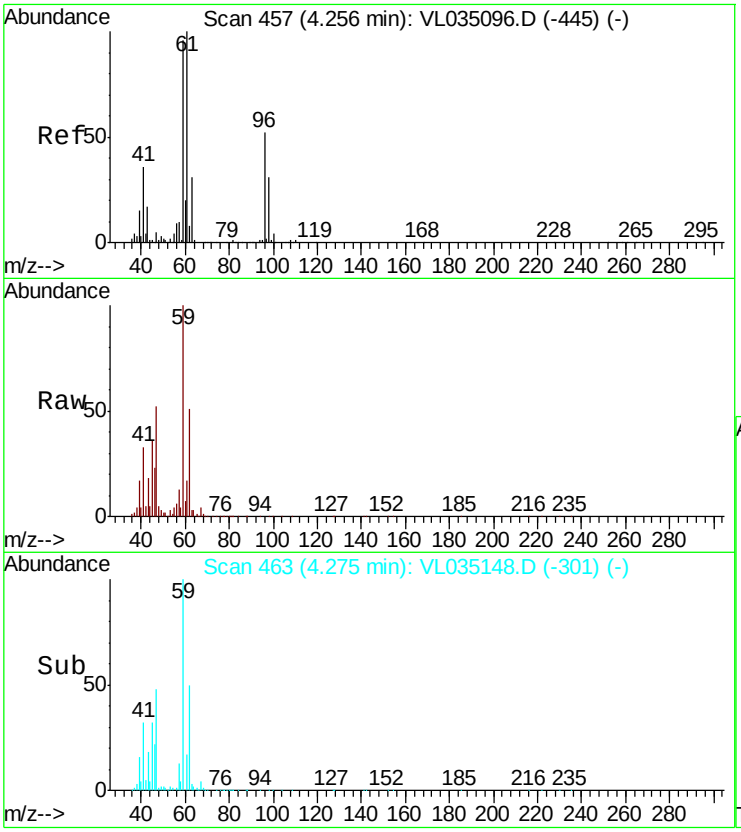


#16
1,3-Butadiene
Concen: 735.066 ppbv
RT: 3.30 min Scan# 159
Delta R.T. 0.02 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Tgt Ion: 39 Resp: 258265

Ion	Ratio	Lower	Upper
39	100		
54	163.6	67.0	100.4#



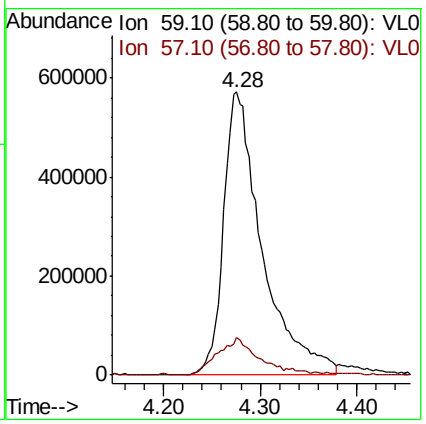


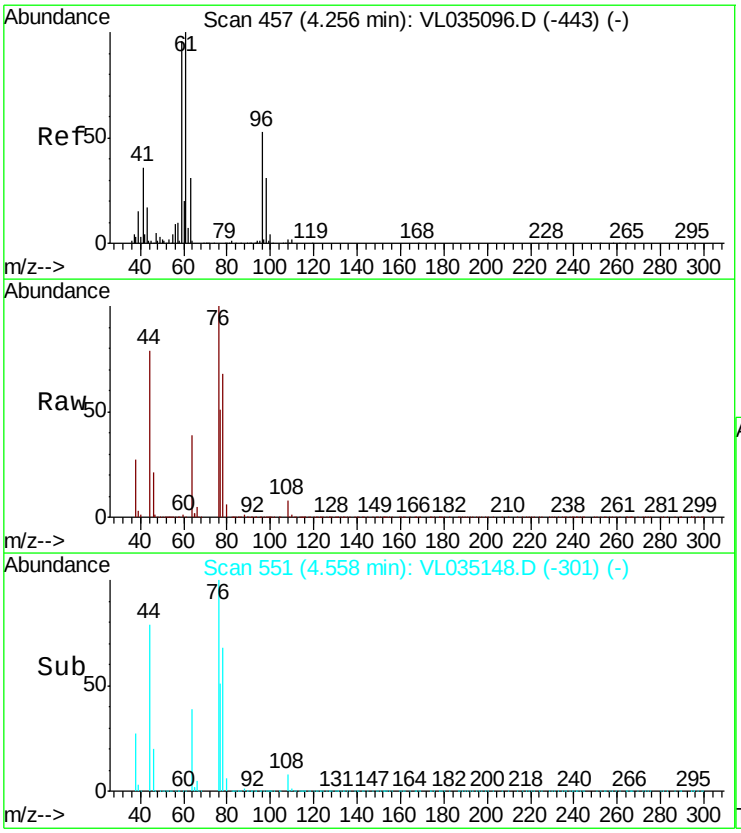
#17
tert-Butyl alcohol
Concen: 2218.822 ppbv
RT: 4.28 min Scan# 463
Delta R.T. 0.02 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Instrument :
MSVOA_L
ClientSampleId :
PERM-01

Tgt Ion: 59 Resp: 1575297

Ion	Ratio	Lower	Upper
59	100		
57	15.1	8.6	12.8#

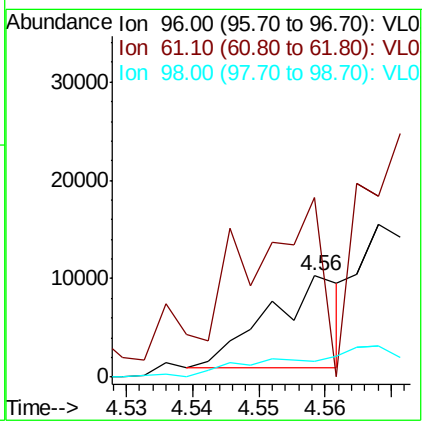


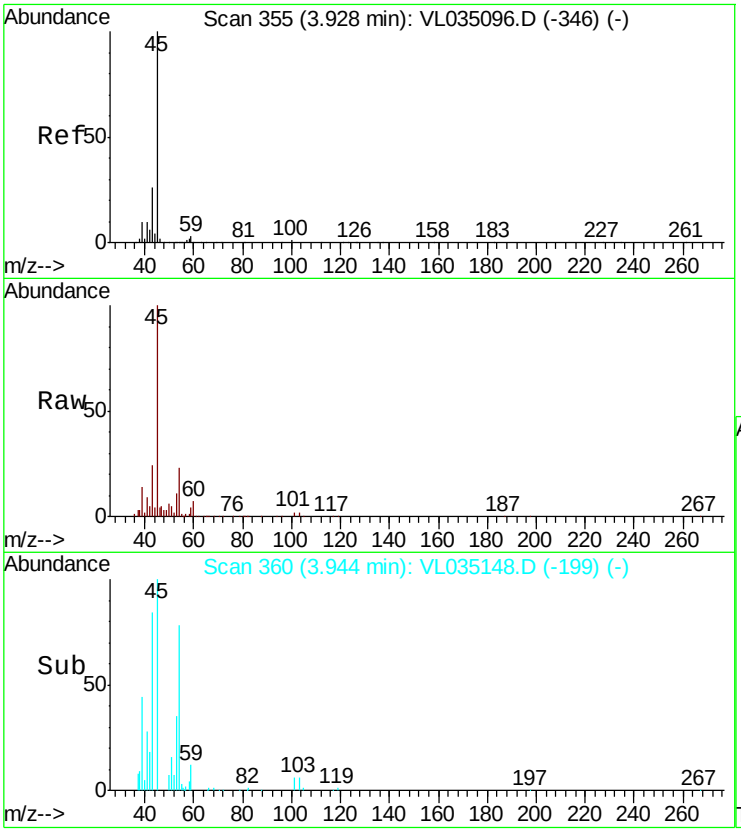


#18
1,1-Dichloroethene
Concen: 23.999 ppbv
RT: 4.56 min Scan# 551
Delta R.T. 0.30 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Tgt Ion: 96 Resp: 7154

Ion	Ratio	Lower	Upper
96	100		
61	196.6	152.2	228.4
98	20.8	47.7	71.5#



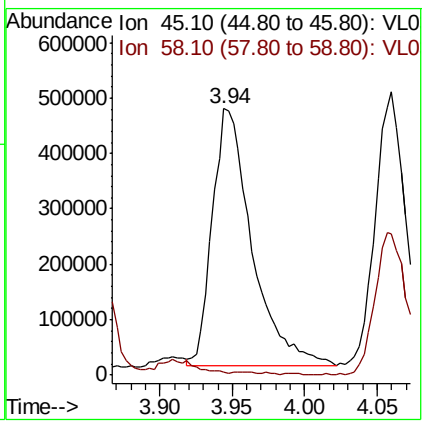


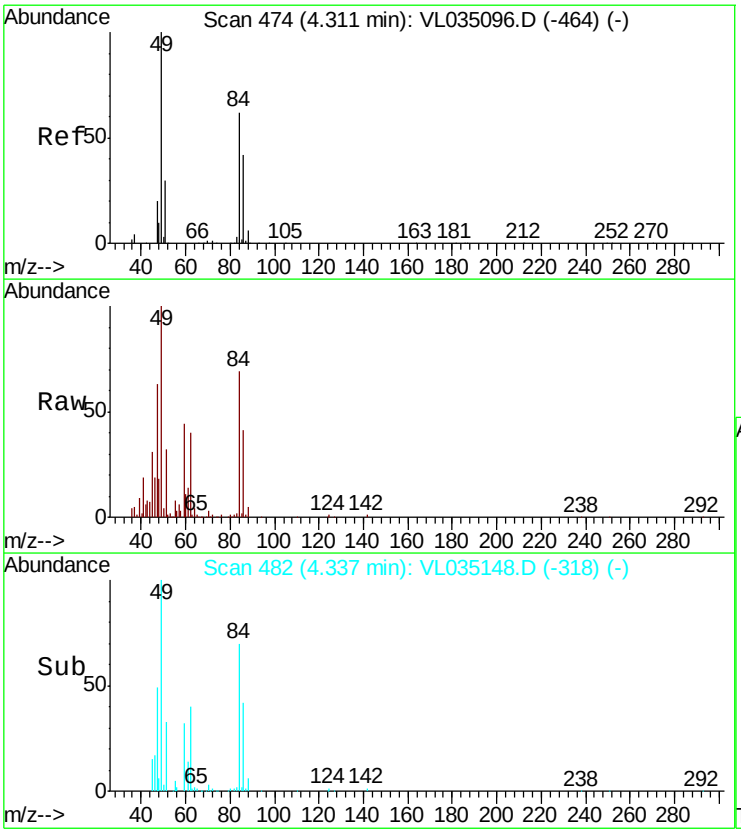
#19
Isopropyl Alcohol
Concen: 1693.409 ppbv
RT: 3.94 min Scan# 360
Delta R.T. 0.02 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Instrument :
MSVOA_L
ClientSampleId :
PERM-01

Tgt Ion: 45 Resp: 880854

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.8	2.8#

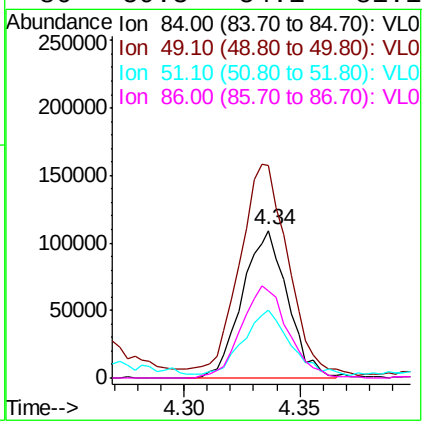


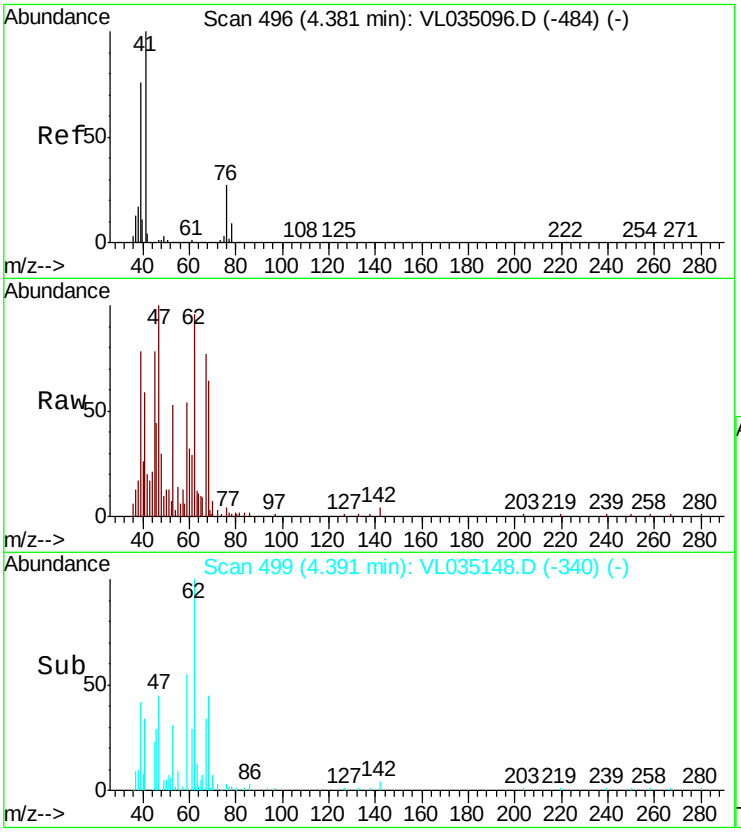


#20
Methylene Chloride
Concen: 456.664 ppbv
RT: 4.34 min Scan# 482
Delta R.T. 0.03 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Tgt Ion: 84 Resp: 148061

Ion	Ratio	Lower	Upper
84	100		
49	138.5	128.8	193.2
51	43.4	38.7	58.1
86	59.3	54.1	81.1



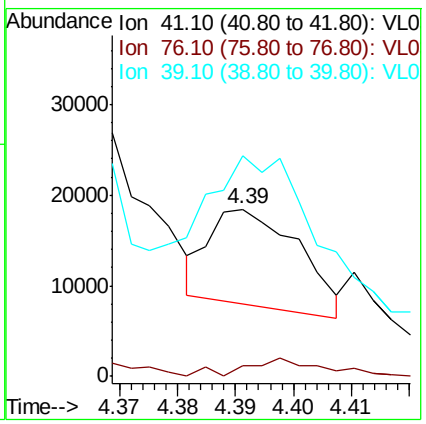


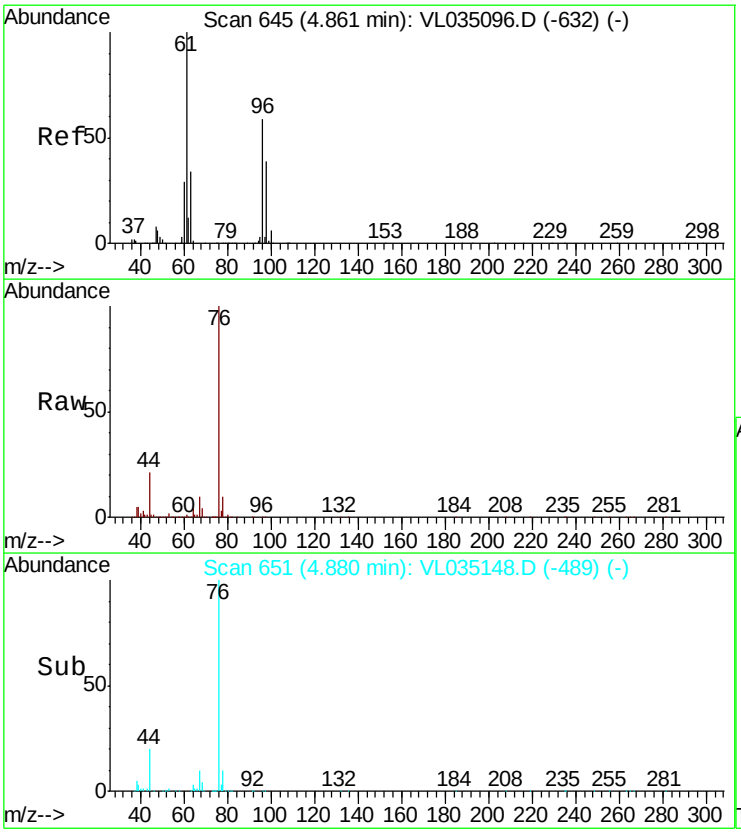
#21
Allyl Chloride
Concen: 23.371 ppbv
RT: 4.39 min Scan# 499
Delta R.T. 0.01 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Instrument : MSVOA_L
ClientSampleId : PERM-01

Tgt Ion: 41 Resp: 11127

Ion	Ratio	Lower	Upper
41	100		
76	0.0	22.6	34.0#
39	0.0	61.6	92.4#

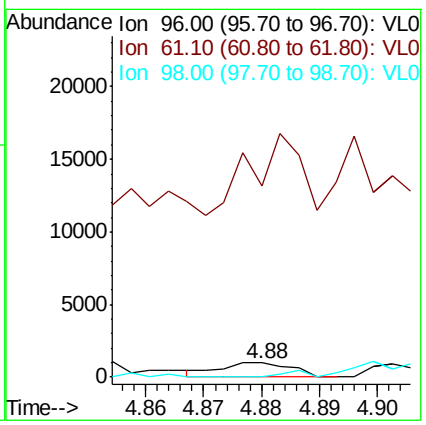


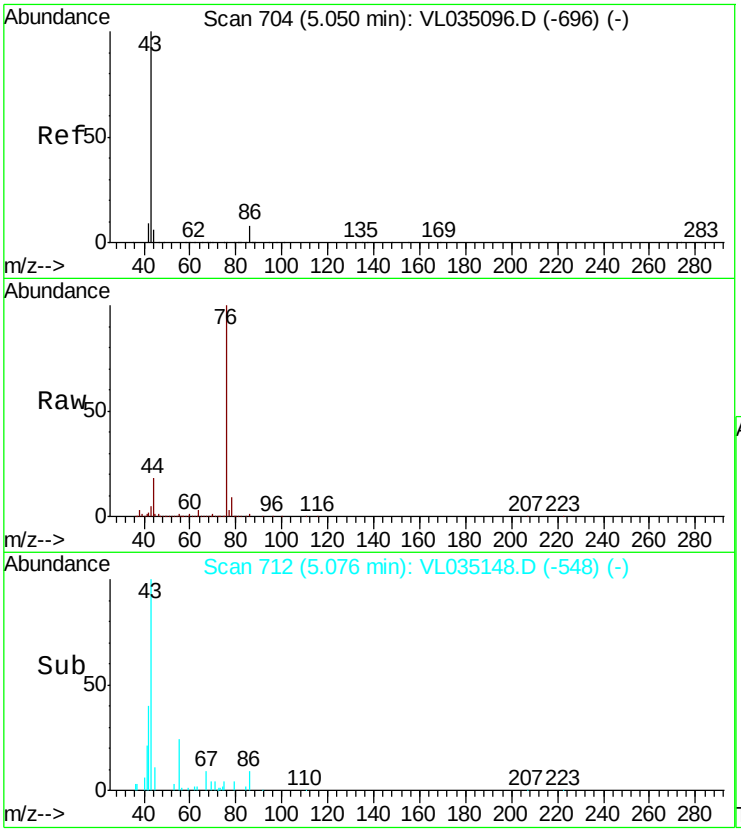


#22
trans-1,2-Dichloroethene
Concen: 2.987 ppbv
RT: 4.88 min Scan# 651
Delta R.T. 0.02 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Tgt Ion: 96 Resp: 833

Ion	Ratio	Lower	Upper
96	100		
61	113.5	134.5	201.7#
98	0.0	52.6	79.0#



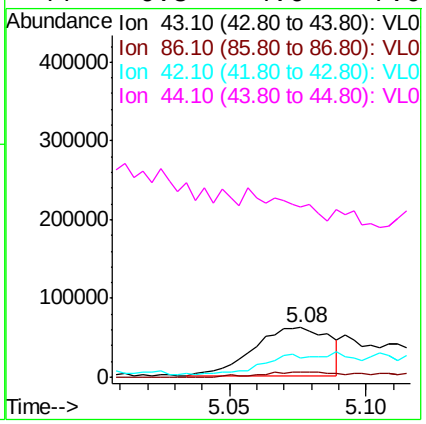


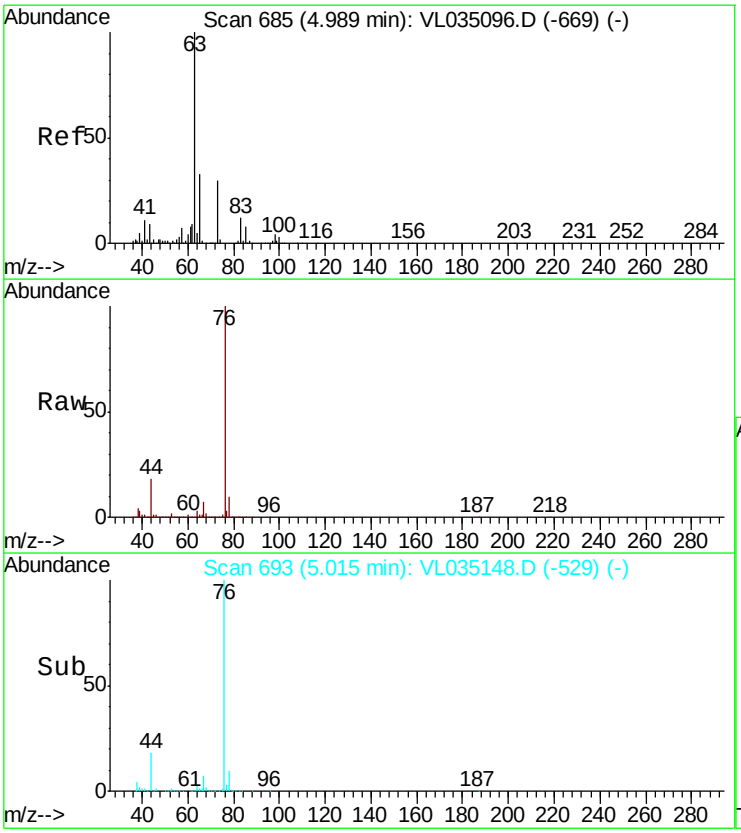
#23
Vinyl Acetate
Concen: 121.749 ppbv
RT: 5.08 min Scan# 712
Delta R.T. 0.03 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Instrument : MSVOA_L
ClientSampleId : PERM-01

Tgt Ion: 43 Resp: 118388

Ion	Ratio	Lower	Upper
43	100		
86	10.4	6.2	9.2#
42	32.7	8.1	12.1#
44	6.3	4.6	7.0

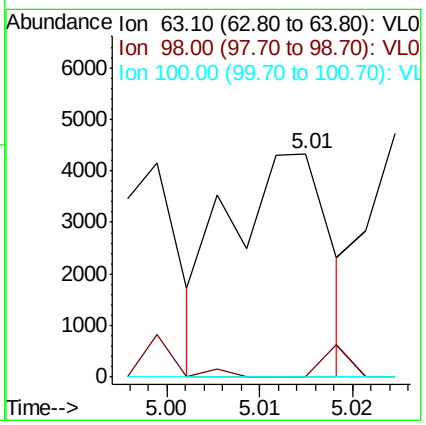


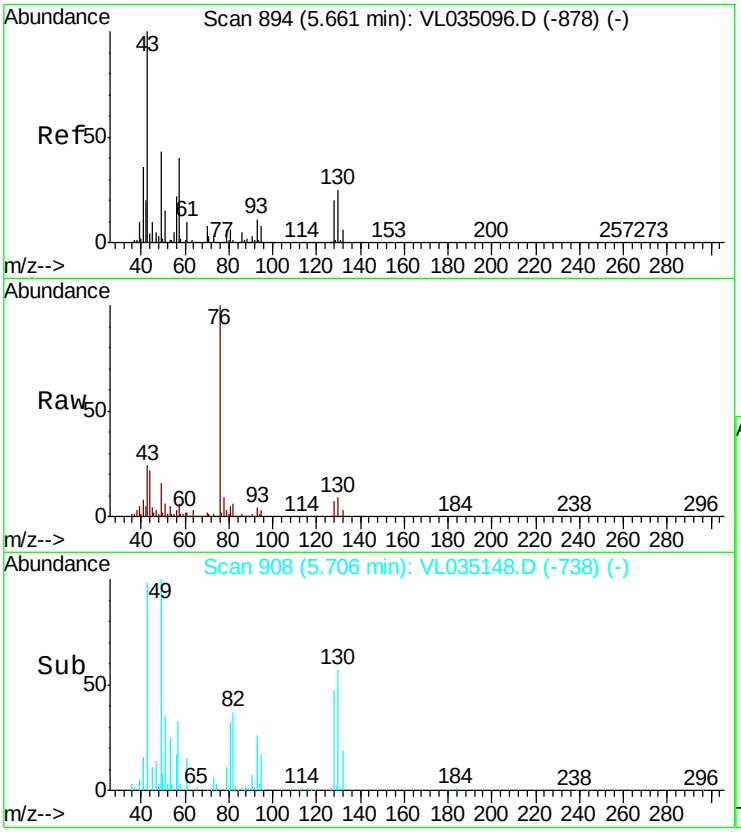


#24
1,1-Dichloroethane
Concen: 3.991 ppbv
RT: 5.01 min Scan# 693
Delta R.T. 0.03 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Tgt Ion: 63 Resp: 3272

Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.3	6.9#
100	0.0	1.4	4.0#



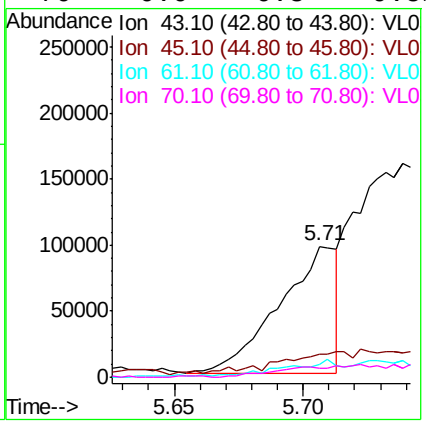


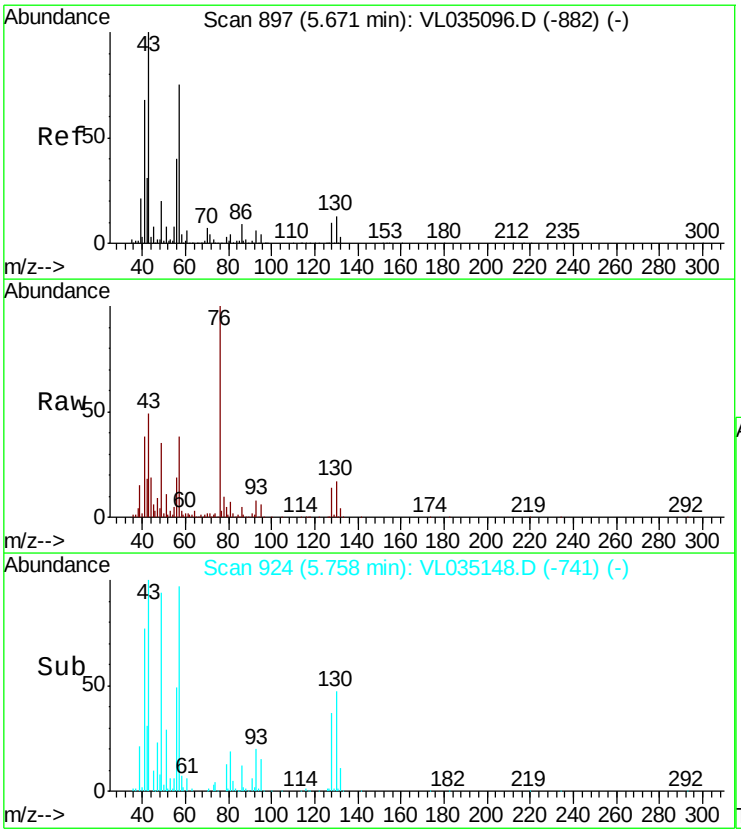
#25
Ethyl Acetate
Concen: 102.979 ppbv
RT: 5.71 min Scan# 908
Delta R.T. 0.05 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Instrument :
MSVOA_L
ClientSampleId :
PERM-01

Tgt Ion: 43 Resp: 148884

Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.4	12.6#
61	23.4	8.0	12.0#
70	0.0	6.3	9.5#

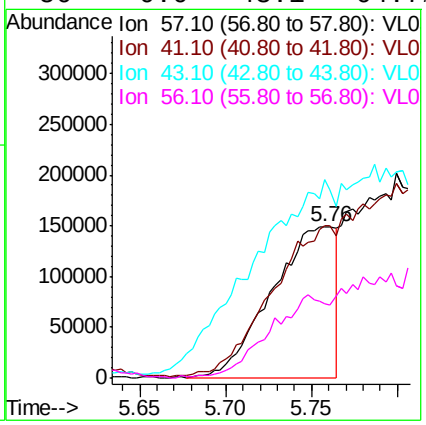


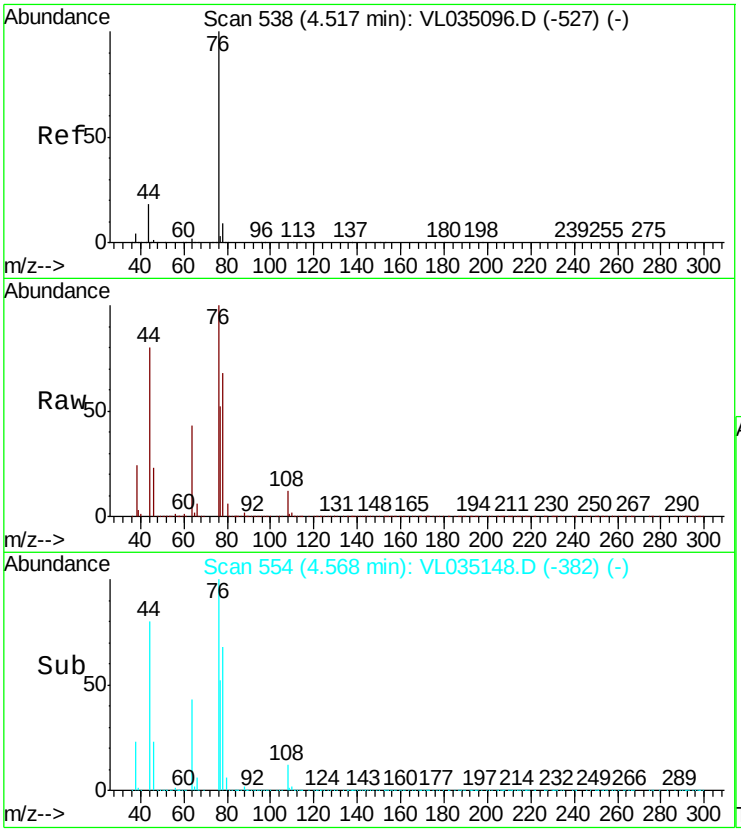


#26
Hexane
Concen: 586.397 ppbv
RT: 5.76 min Scan# 924
Delta R.T. 0.09 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Tgt Ion: 57 Resp: 382230

Ion	Ratio	Lower	Upper
57	100		
41	0.0	72.9	109.3#
43	0.0	181.3	271.9#
56	0.0	43.1	64.7#



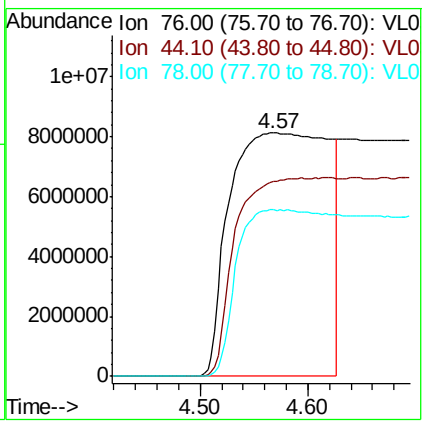


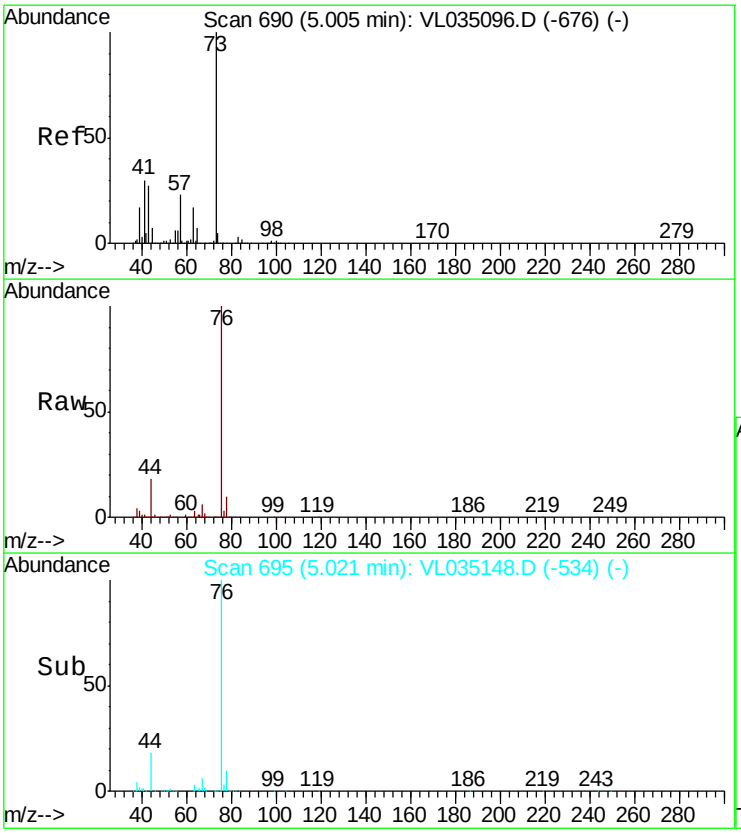
#27
Carbon Disulfide
Concen: 75548.671 ppbv
RT: 4.57 min Scan# 554
Delta R.T. 0.05 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Instrument : MSVOA_L
ClientSampleId : PERM-01

Tgt Ion: 76 Resp:50962007

Ion	Ratio	Lower	Upper
76	100		
44	79.5	15.8	23.8#
78	119.7	7.6	11.4#

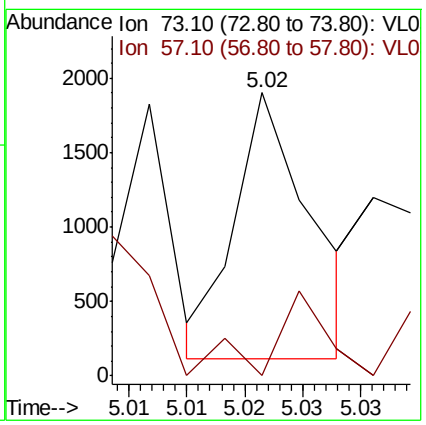


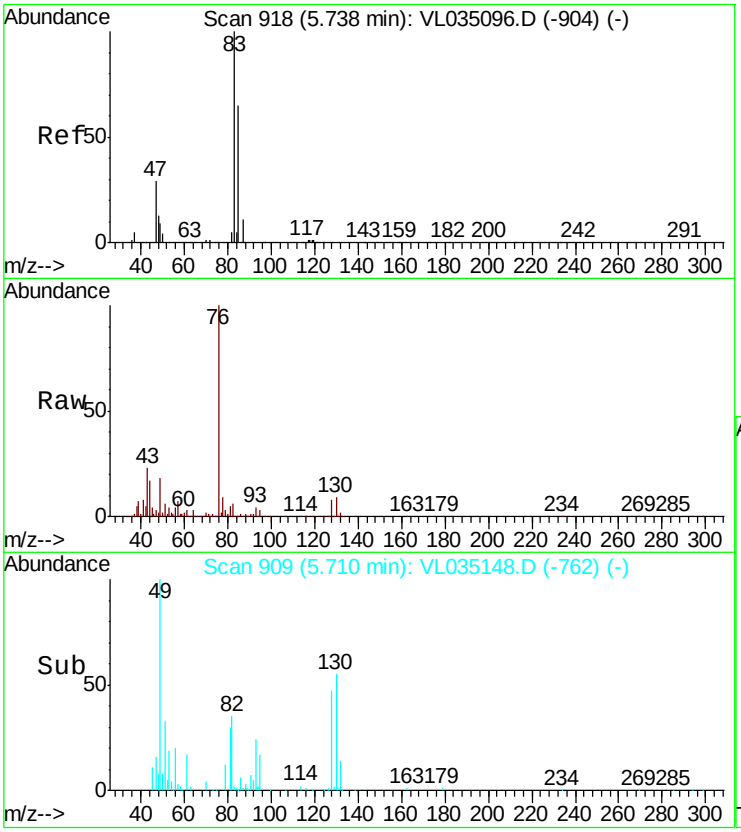


#28
Methyl tert-Butyl Ether
Concen: 0.882 ppbv
RT: 5.02 min Scan# 695
Delta R.T. 0.02 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Tgt Ion: 73 Resp: 808

Ion	Ratio	Lower	Upper
73	100		
57	0.0	18.5	27.7#



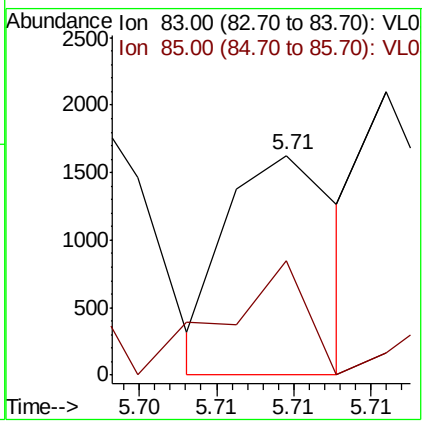


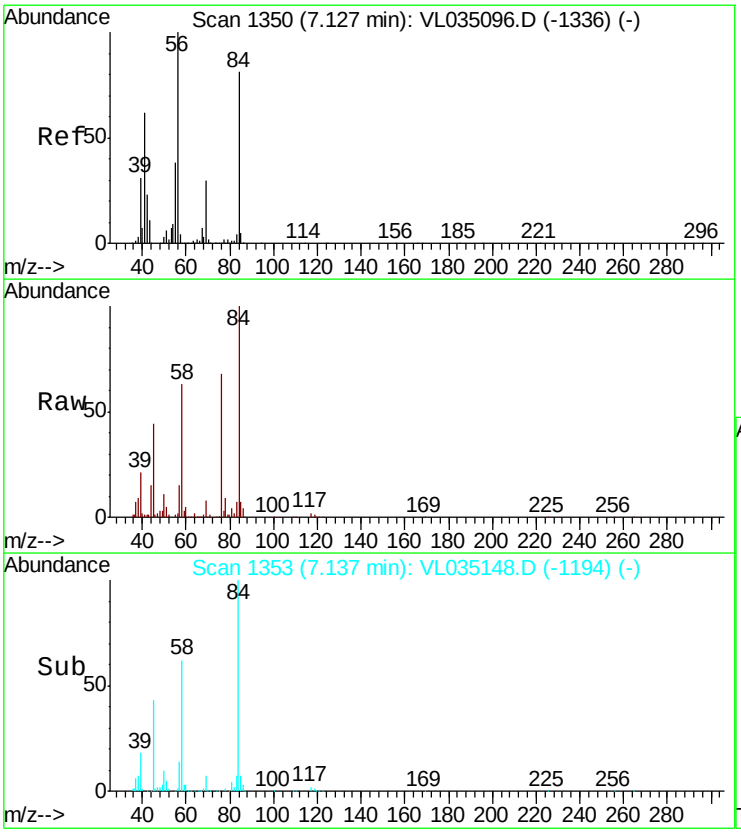
#29
Chloroform
Concen: 0.809 ppbv
RT: 5.71 min Scan# 909
Delta R.T. -0.03 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Instrument :
MSVOA_L
ClientSampleId :
PERM-01

Tgt Ion: 83 Resp: 825

Ion	Ratio	Lower	Upper
83	100		
85	64.9	52.1	78.1

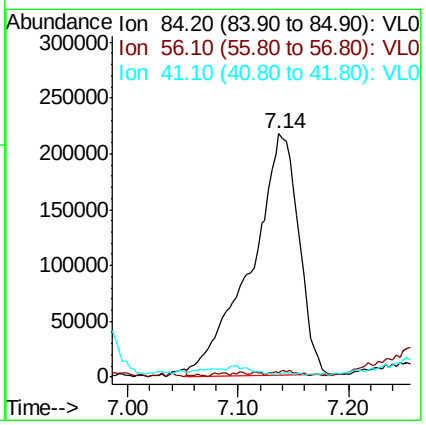


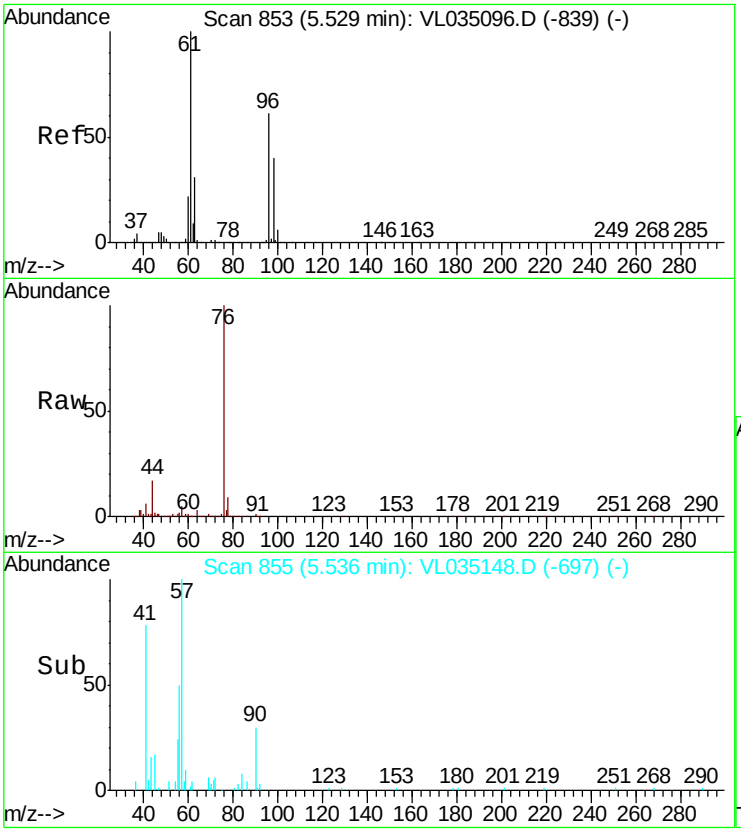


#30
Cyclohexane
Concen: 1394.331 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. 0.01 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Tgt Ion: 84 Resp: 652297

Ion	Ratio	Lower	Upper
84	100		
56	1.3	108.0	162.0#
41	3.5	65.6	98.4#



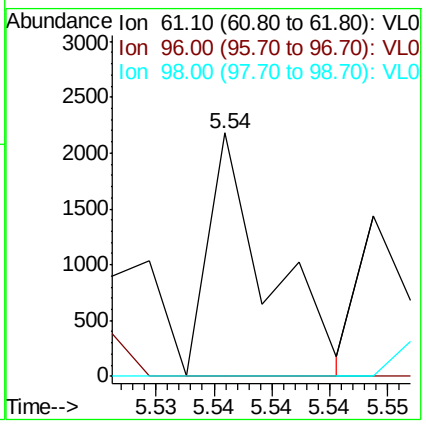


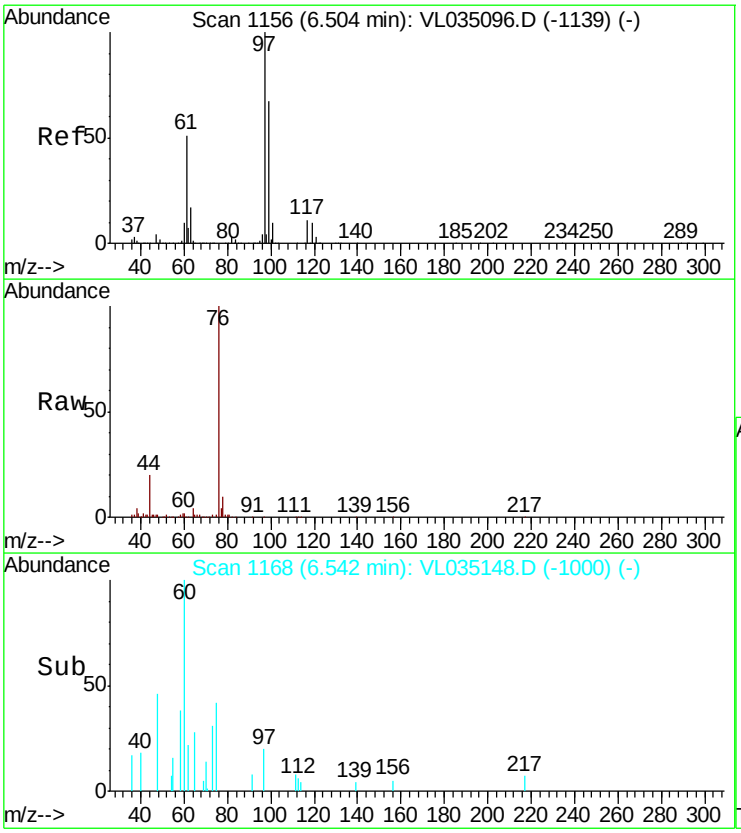
#31
cis-1,2-Dichloroethene
Concen: 1.293 ppbv
RT: 5.54 min Scan# 855
Delta R.T. 0.01 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Instrument :
MSVOA_L
ClientSampleId :
PERM-01

Tgt Ion: 61 Resp: 777

Ion	Ratio	Lower	Upper
61	100		
96	0.0	48.8	73.2#
98	0.0	31.9	47.9#

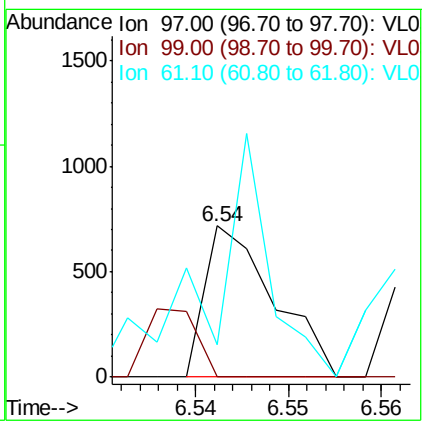


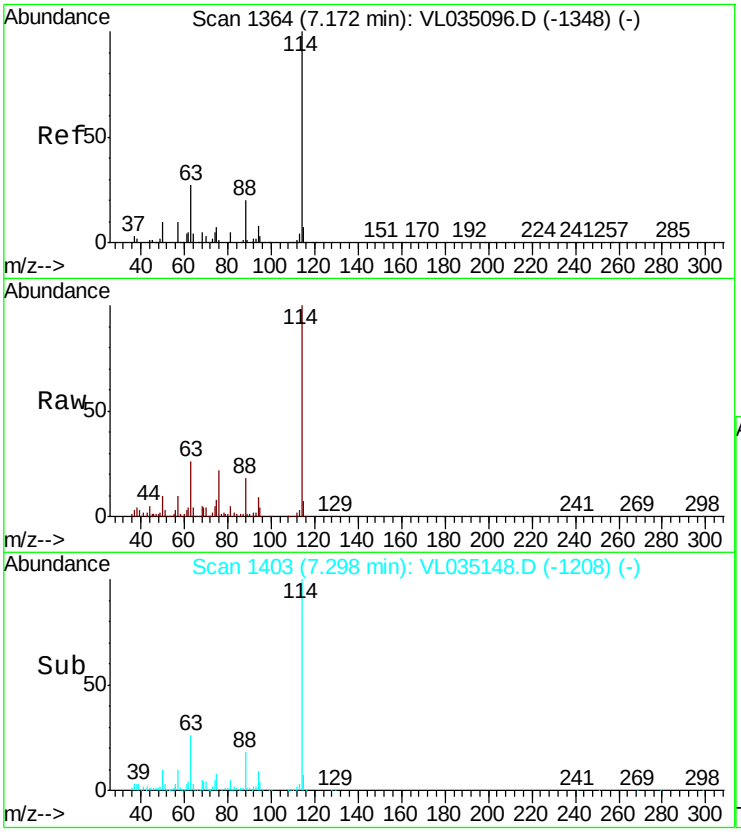


#32
1,1,1-Trichloroethane
Concen: 0.393 ppbv
RT: 6.54 min Scan# 1168
Delta R.T. 0.04 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Tgt Ion: 97 Resp: 372

Ion	Ratio	Lower	Upper
97	100		
99	33.1	52.0	78.0#
61	0.0	41.0	61.6#



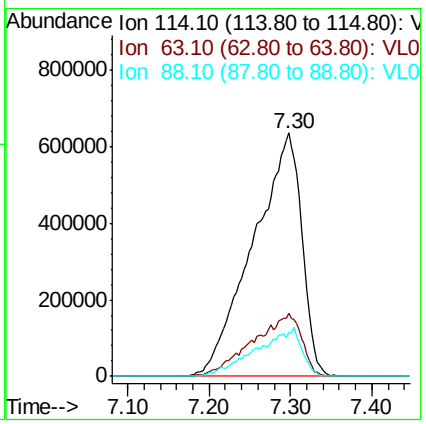


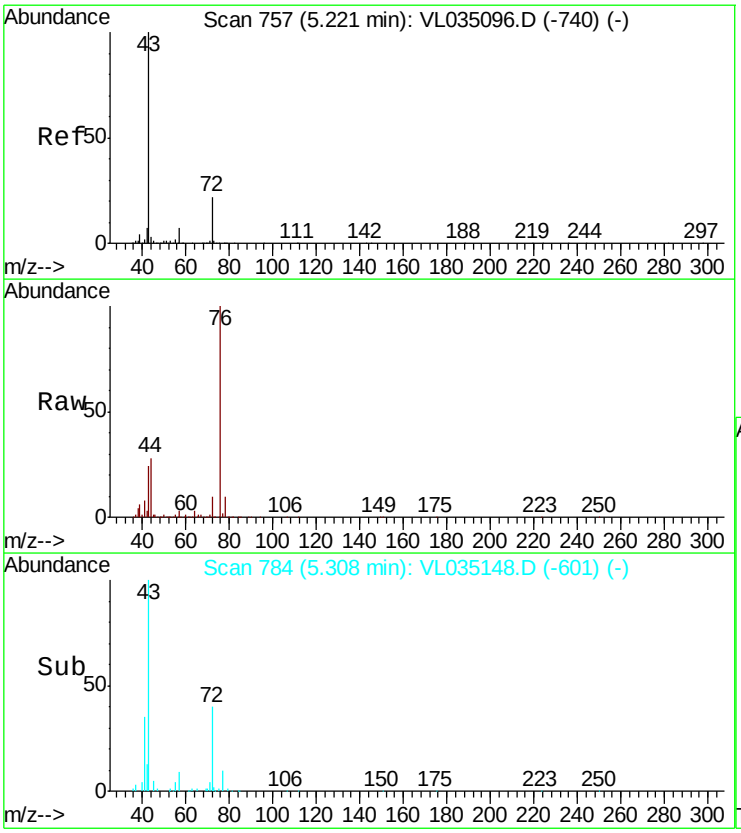
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1403
Delta R.T. 0.13 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Instrument :
MSVOA_L
ClientSampleId :
PERM-01

Tgt Ion:114 Resp: 2637444

Ion	Ratio	Lower	Upper
114	100		
63	26.2	21.9	32.9
88	19.0	15.6	23.4

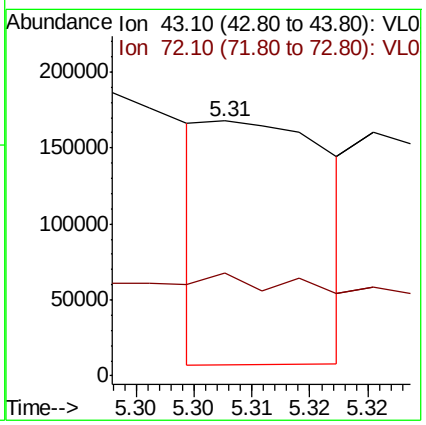


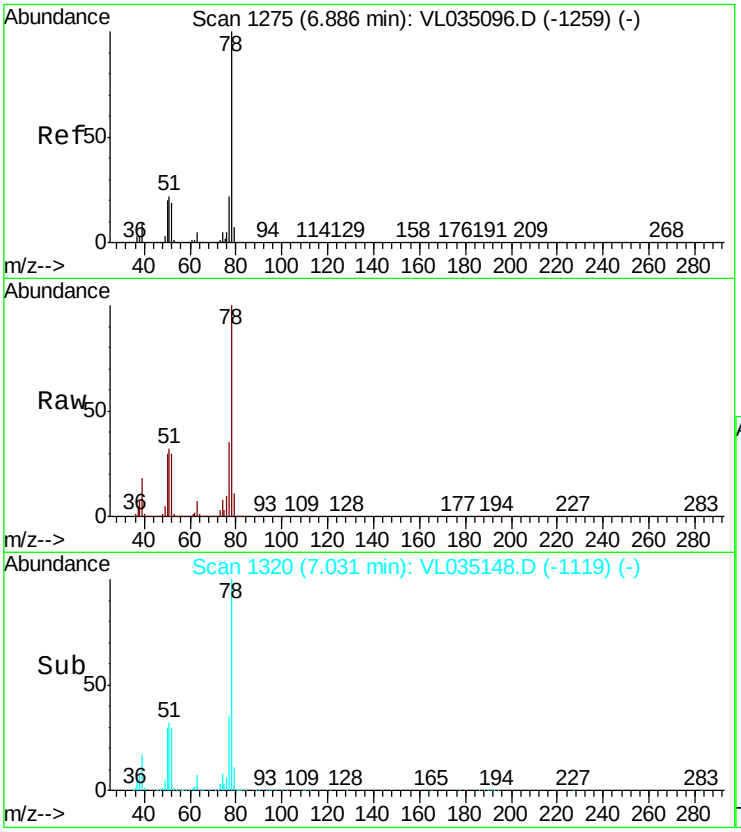


#34
2-Butanone
Concen: 0.773 ppbv
RT: 5.31 min Scan# 784
Delta R.T. 0.09 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Tgt Ion: 43 Resp: 117119

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.3	27.5#



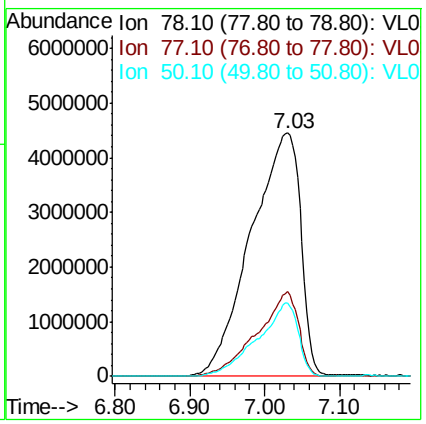


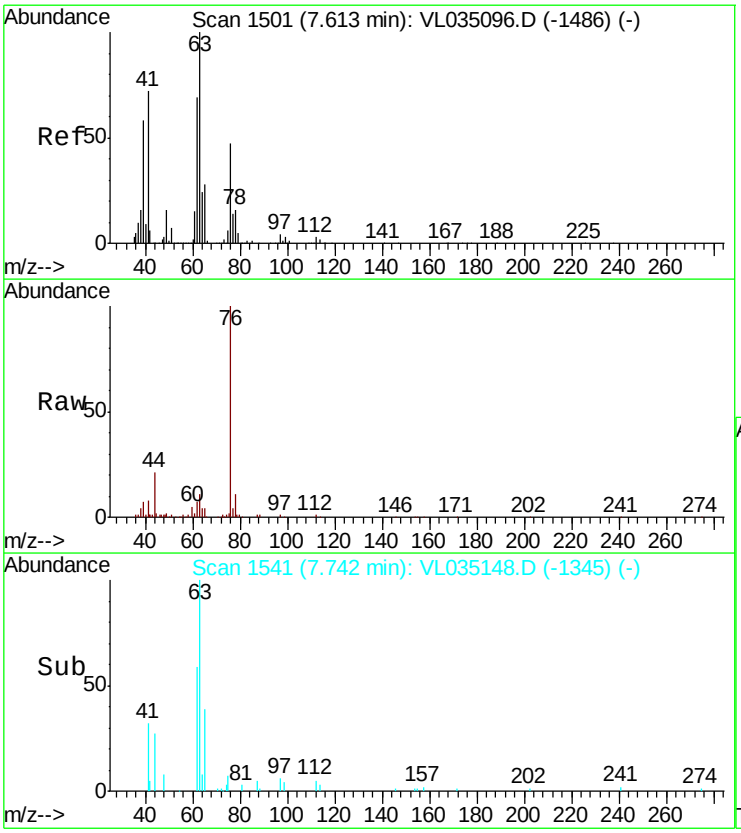
#36
Benzene
Concen: 99.729 ppbv
RT: 7.03 min Scan# 1320
Delta R.T. 0.14 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Instrument : MSVOA_L
ClientSampleId : PERM-01

Tgt Ion: 78 Resp:20367909

Ion	Ratio	Lower	Upper
78	100		
77	34.7	17.8	26.6#
50	30.3	16.2	24.2#

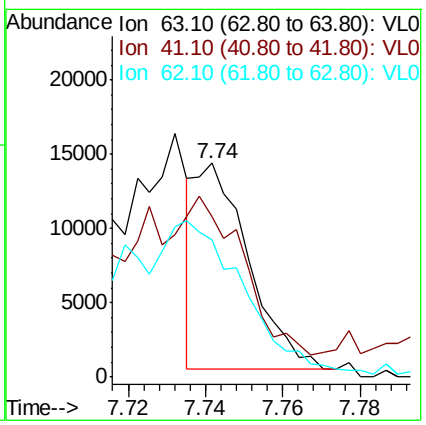


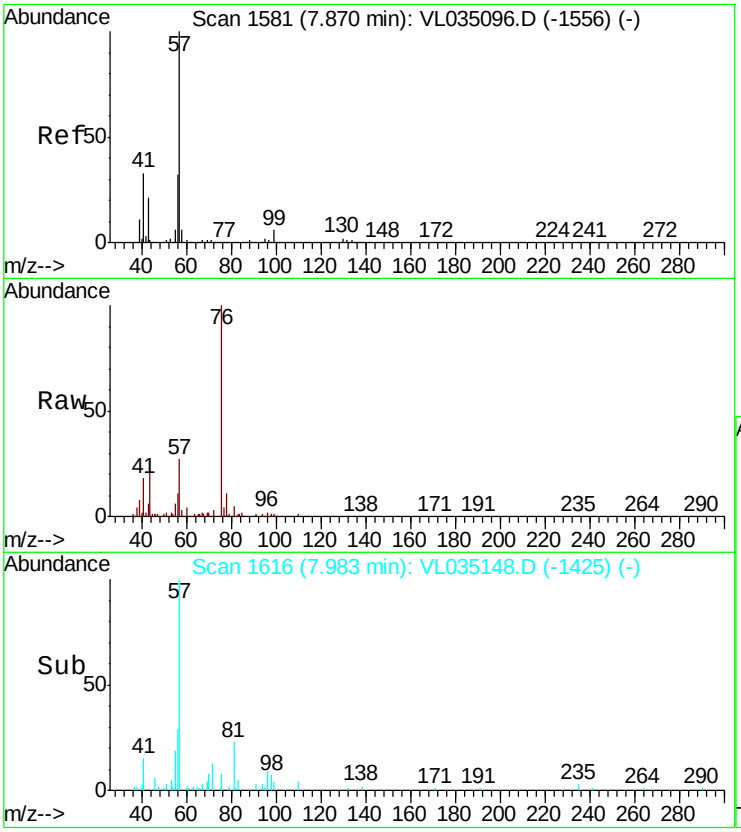


#39
1,2-Dichloropropane
Concen: 0.164 ppbv
RT: 7.74 min Scan# 1541
Delta R.T. 0.13 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Tgt Ion: 63 Resp: 13139

Ion	Ratio	Lower	Upper
63	100		
41	68.8	58.0	87.0
62	59.0	55.4	83.0



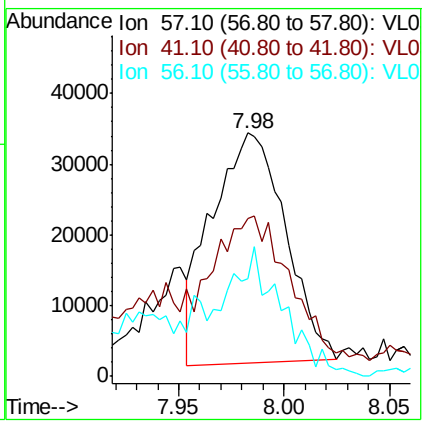


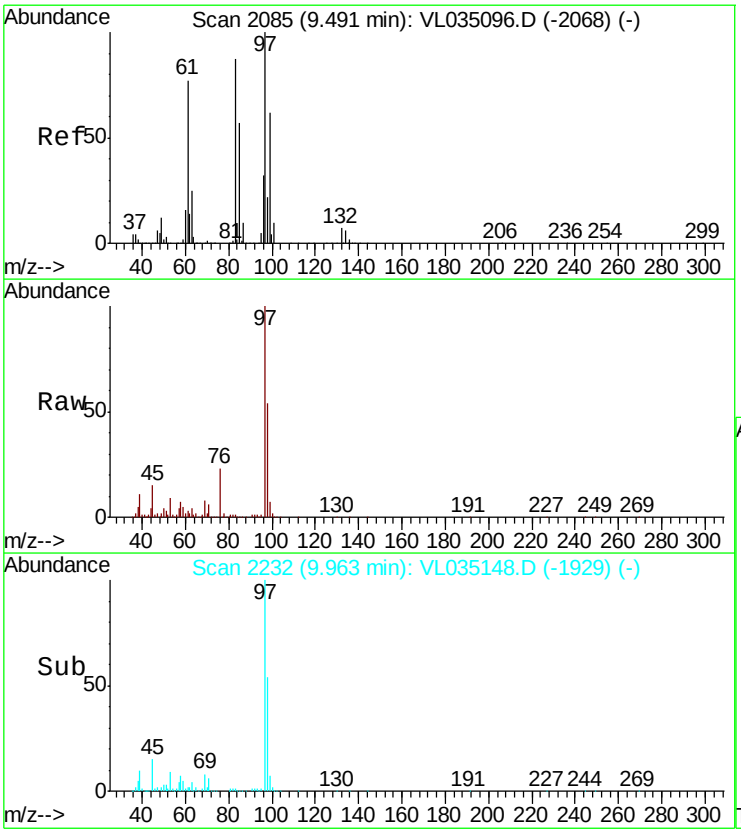
#44
2,2,4-Trimethylpentane
Concen: 0.222 ppbv
RT: 7.98 min Scan# 1616
Delta R.T. 0.11 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Instrument :
MSVOA_L
ClientSampleId :
PERM-01

Tgt Ion: 57 Resp: 79033

Ion	Ratio	Lower	Upper
57	100		
41	101.6	26.2	39.2#
56	49.3	25.4	38.2#

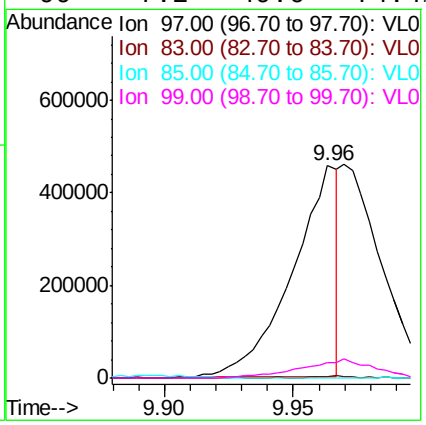


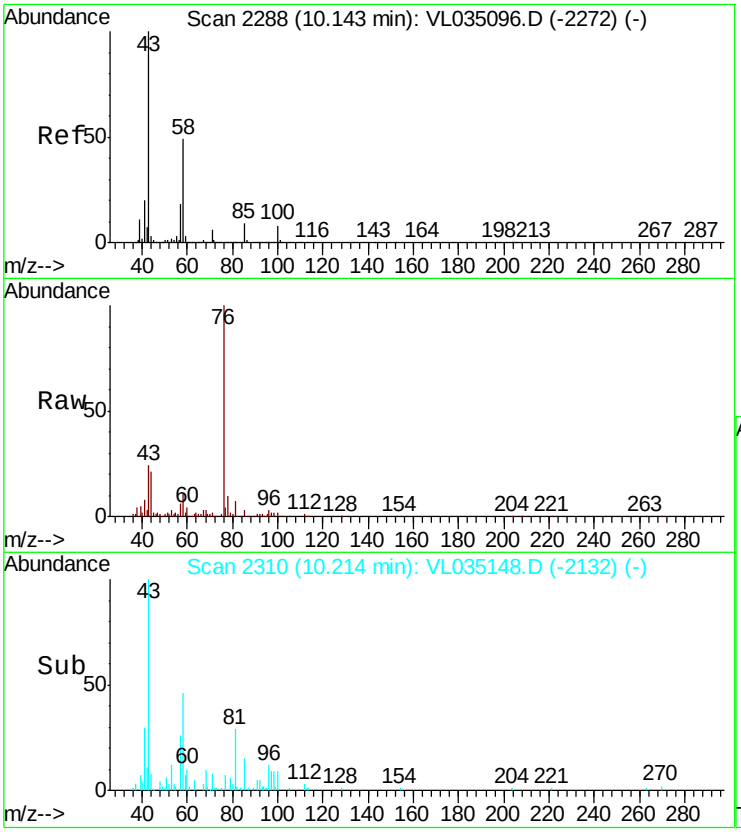


#47
1,1,2-Trichloroethane
Concen: 6.397 ppbv
RT: 9.96 min Scan# 2232
Delta R.T. 0.47 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Tgt Ion: 97 Resp: 557693

Ion	Ratio	Lower	Upper
97	100		
83	0.8	69.5	104.3#
85	0.1	46.0	69.0#
99	7.2	49.6	74.4#



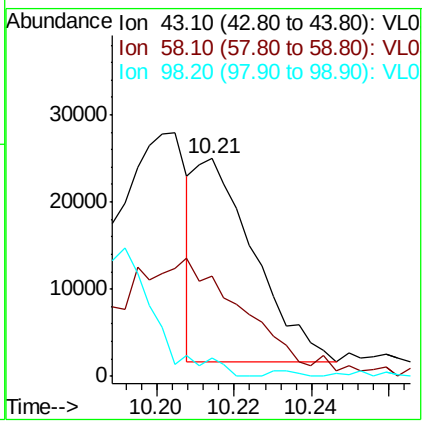


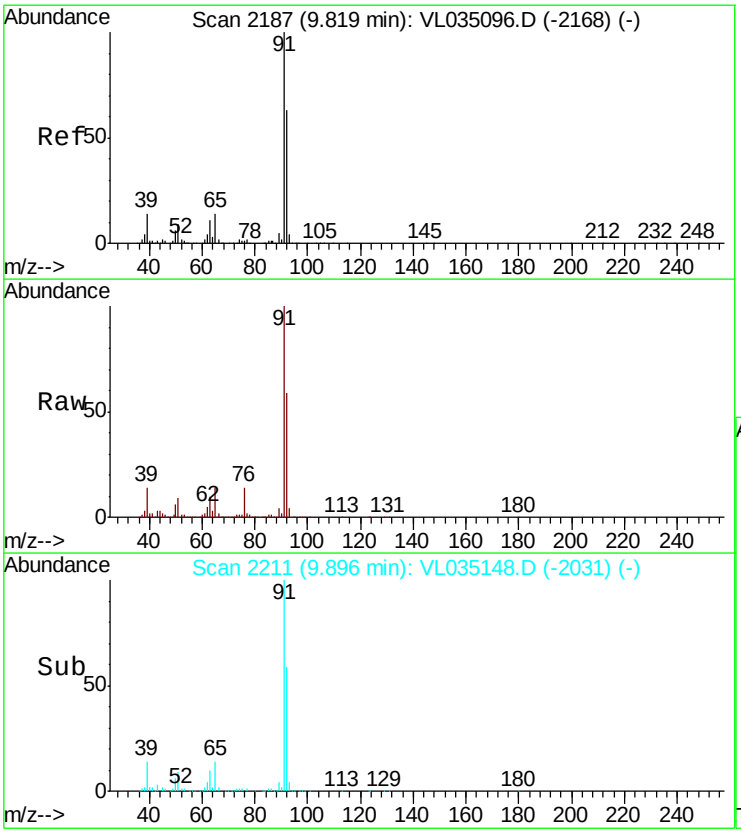
#51
2-Hexanone
Concen: 0.146 ppbv
RT: 10.21 min Scan# 2310
Delta R.T. 0.07 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Instrument : MSVOA_L
ClientSampleId : PERM-01

Tgt Ion: 43 Resp: 24600

Ion	Ratio	Lower	Upper
43	100		
58	0.0	39.2	58.8#
98	0.0	0.3	0.5#

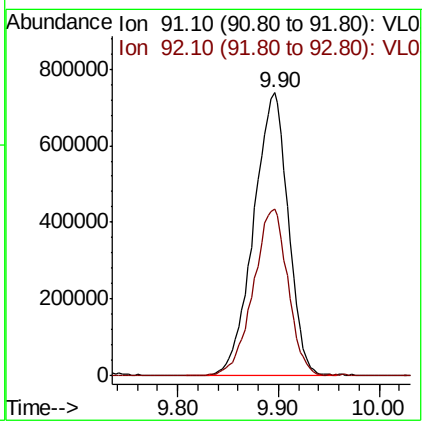


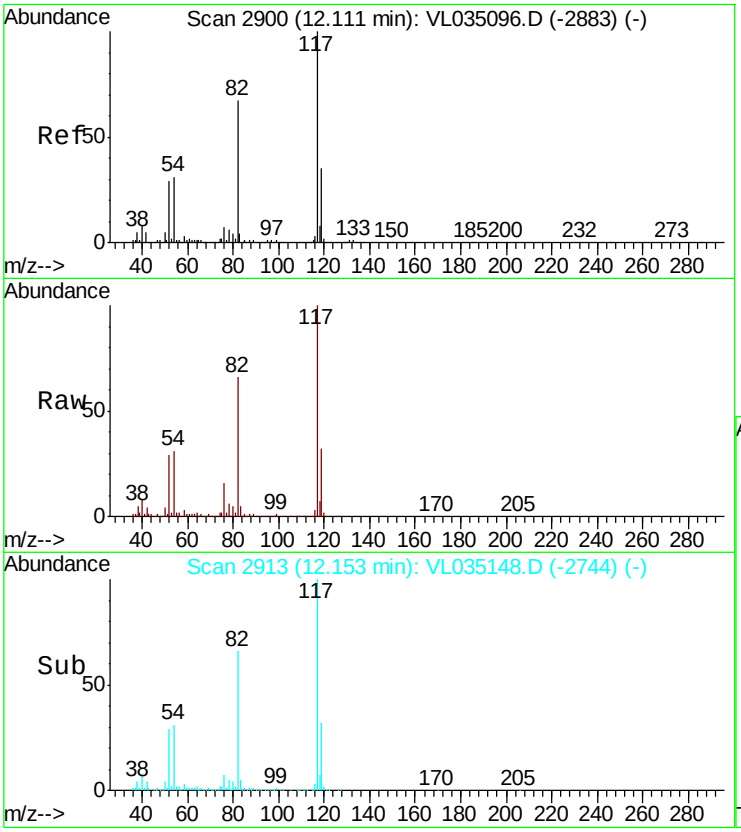


#53
Toluene
Concen: 8.098 ppbv
RT: 9.90 min Scan# 2211
Delta R.T. 0.08 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Tgt Ion: 91 Resp: 1764061

Ion	Ratio	Lower	Upper
91	100		
92	59.0	49.0	73.6



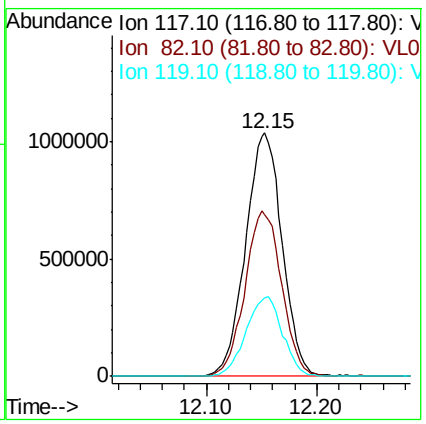


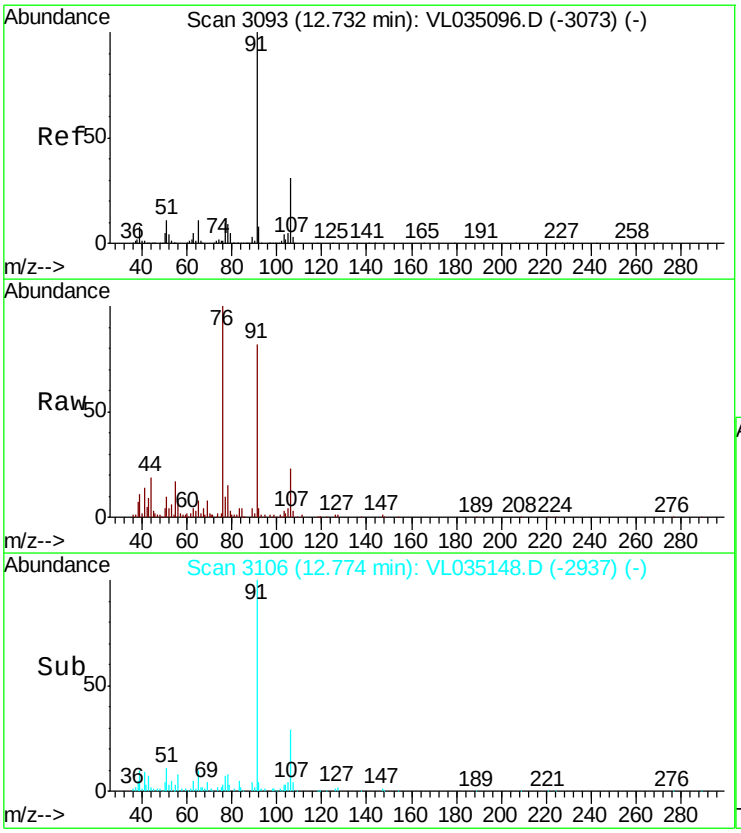
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.15 min Scan# 2913
Delta R.T. 0.04 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Instrument : MSVOA_L
ClientSampleId : PERM-01

Tgt Ion:117 Resp: 2378227

Ion	Ratio	Lower	Upper
117	100		
82	68.2	50.4	75.6
119	33.1	25.4	38.0

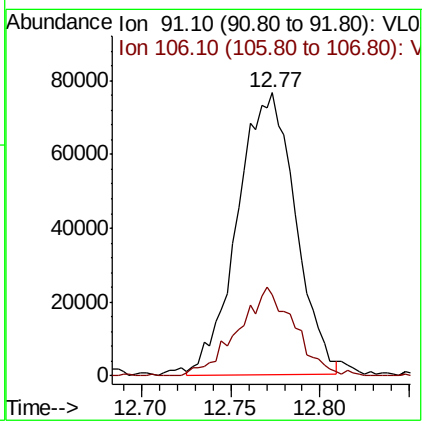


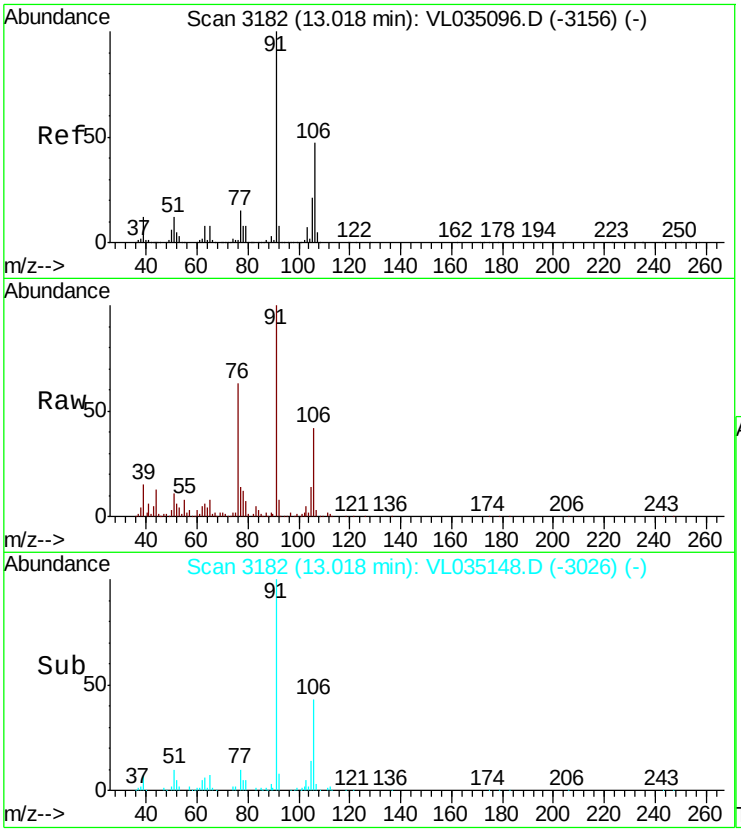


#58
Ethyl Benzene
Concen: 0.649 ppbv
RT: 12.77 min Scan# 3106
Delta R.T. 0.04 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Tgt Ion: 91 Resp: 173363

Ion	Ratio	Lower	Upper
91	100		
106	28.0	25.0	37.6



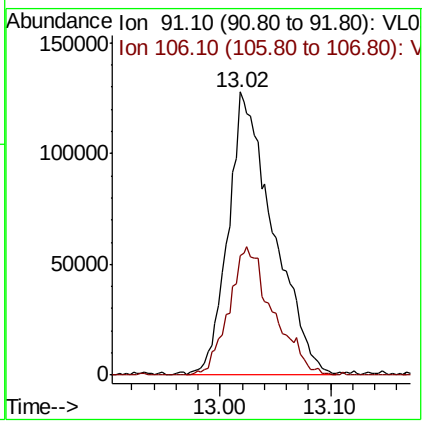


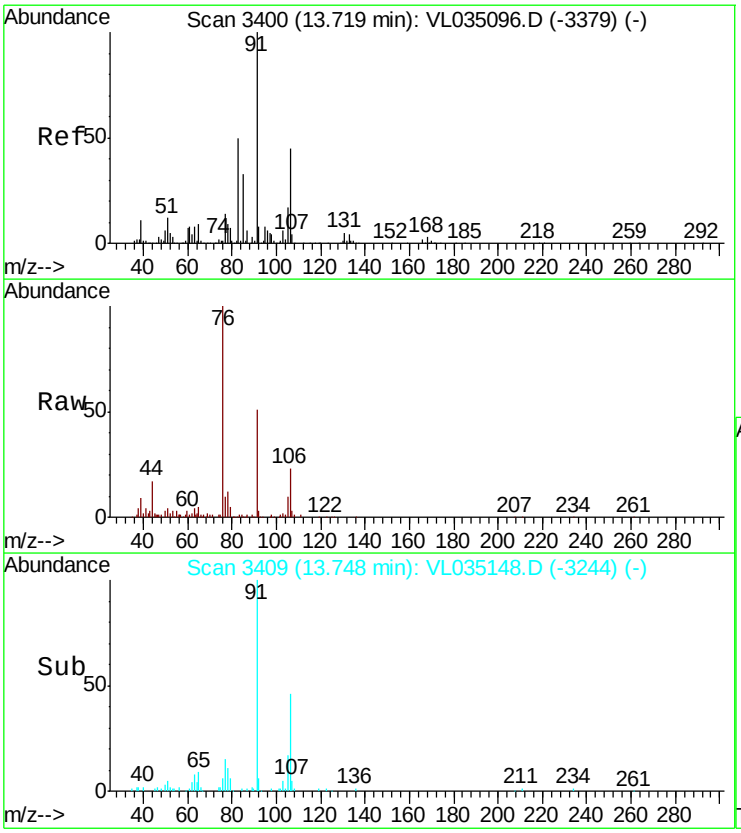
#59
m/p-Xylene
Concen: 1.516 ppbv
RT: 13.02 min Scan# 3182
Delta R.T. 0.00 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Instrument :
MSVOA_L
ClientSampleId :
PERM-01

Tgt Ion: 91 Resp: 359062

Ion	Ratio	Lower	Upper
91	100		
106	44.4	36.5	54.7

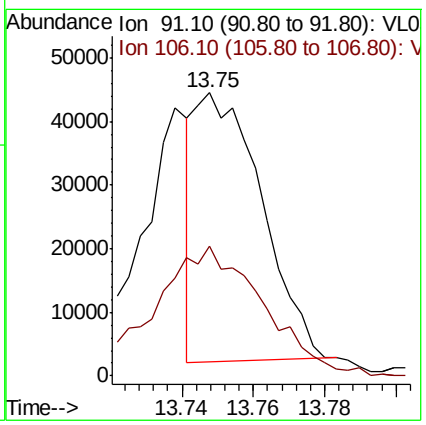


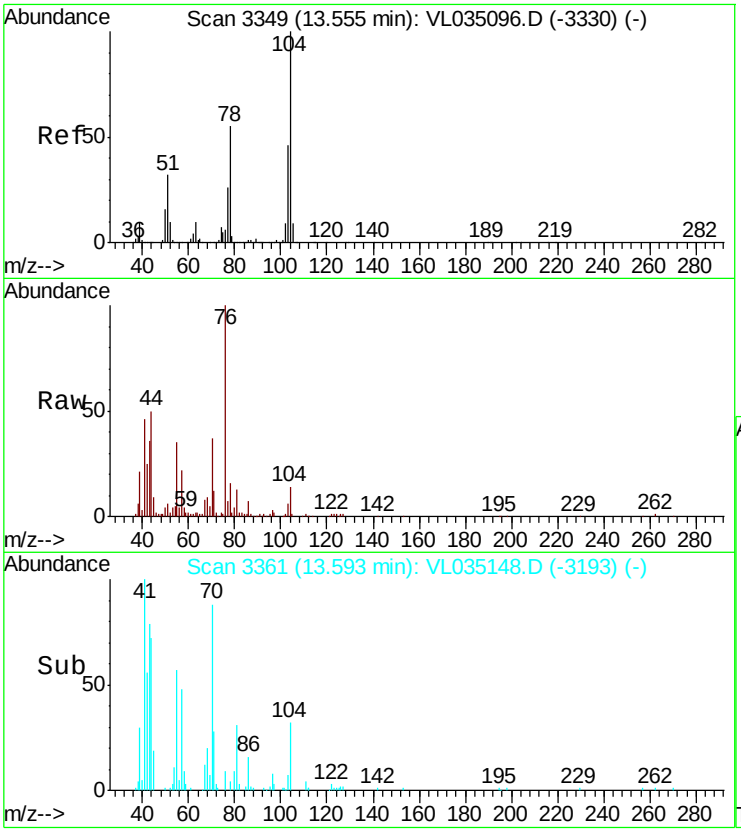


#60
o-Xylene
Concen: 0.231 ppbv
RT: 13.75 min Scan# 3409
Delta R.T. 0.03 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Tgt Ion: 91 Resp: 54383

Ion	Ratio	Lower	Upper
91	100		
106	80.6	22.1	66.5#



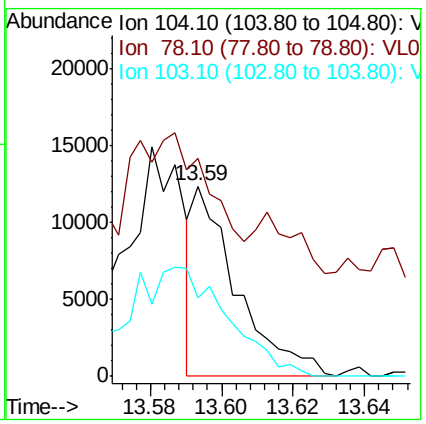


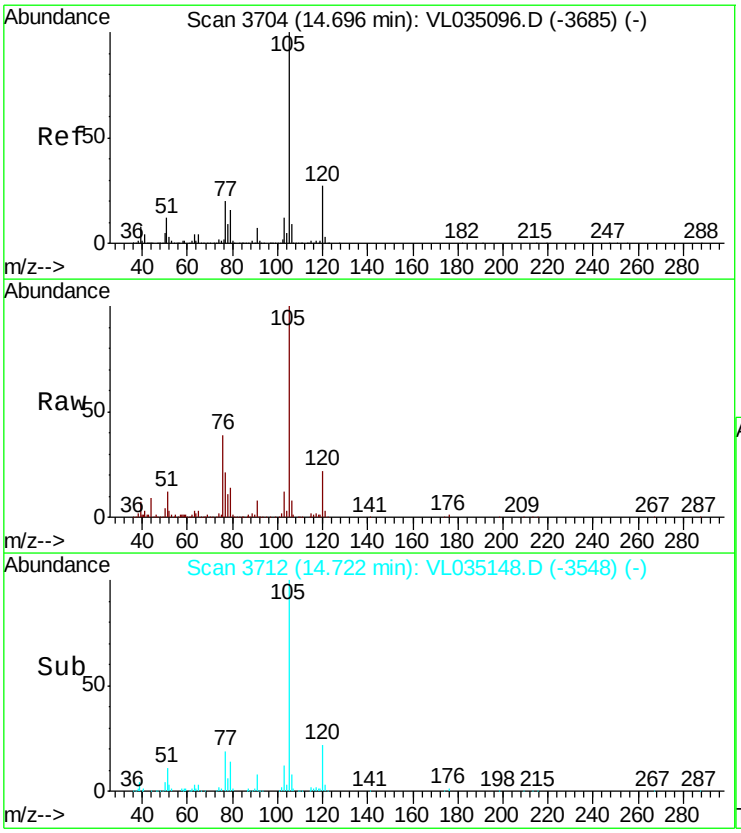
#61
Stvrene
Concen: 0.071 ppbv
RT: 13.59 min Scan# 3361
Delta R.T. 0.04 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Instrument :
MSVOA_L
ClientSampleId :
PERM-01

Tgt Ion:104 Resp: 10486

Ion	Ratio	Lower	Upper
104	100		
78	258.5	43.4	65.0#
103	140.3	38.3	57.5#

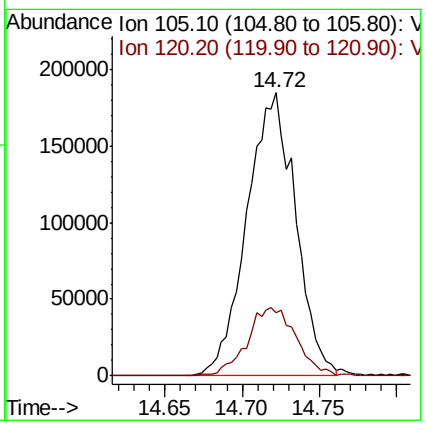


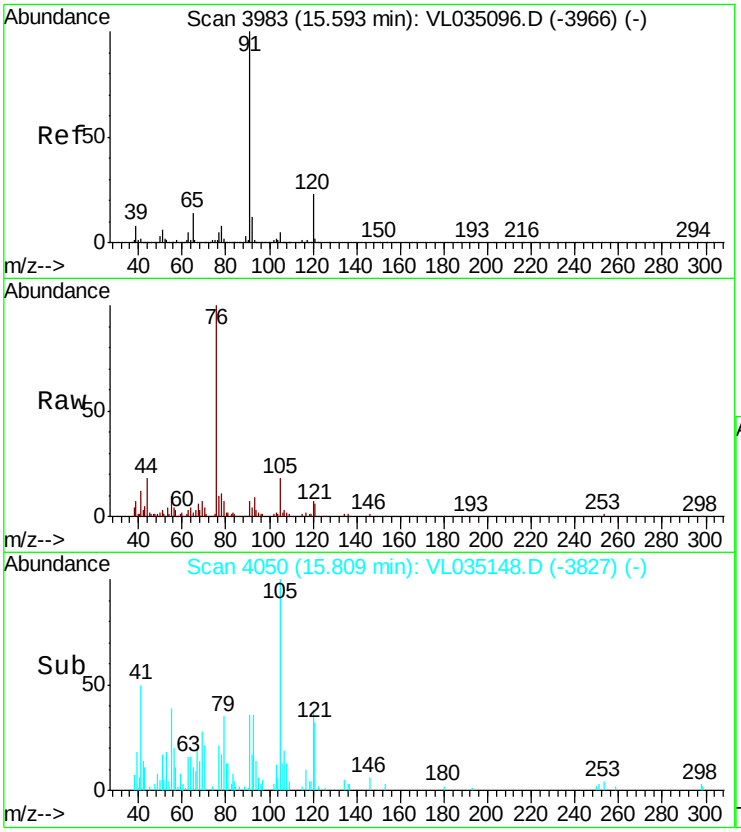


#62
Isopropylbenzene
Concen: 1.145 ppbv
RT: 14.72 min Scan# 3712
Delta R.T. 0.03 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Tgt Ion:105 Resp: 402981

Ion	Ratio	Lower	Upper
105	100		
120	24.4	20.8	31.2



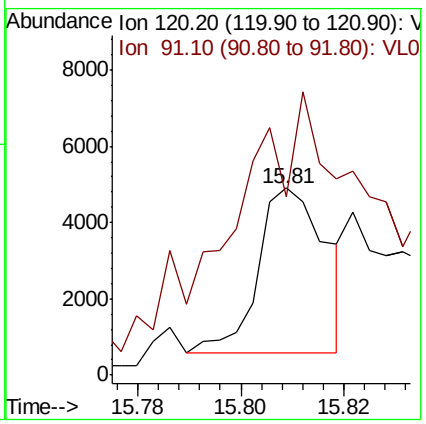


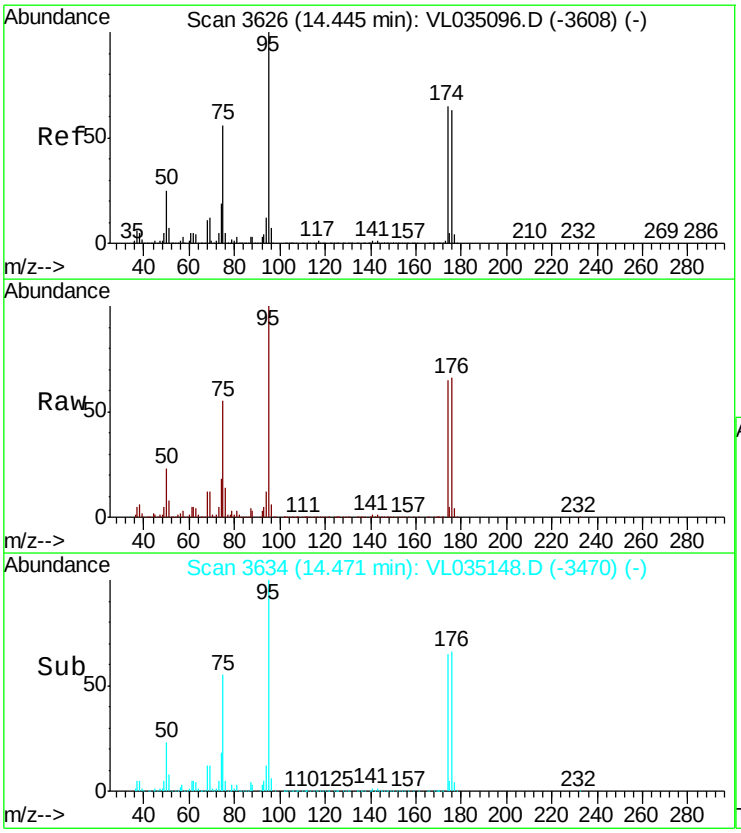
#64
n-propylbenzene
Concen: 0.044 ppbv
RT: 15.81 min Scan# 4050
Delta R.T. 0.22 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Instrument :
MSVOA_L
ClientSampleId :
PERM-01

Tgt Ion:120 Resp: 3951

Ion	Ratio	Lower	Upper
120	100		
91	469.1	367.9	551.9

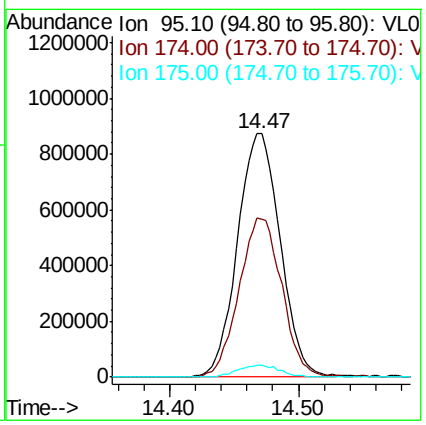


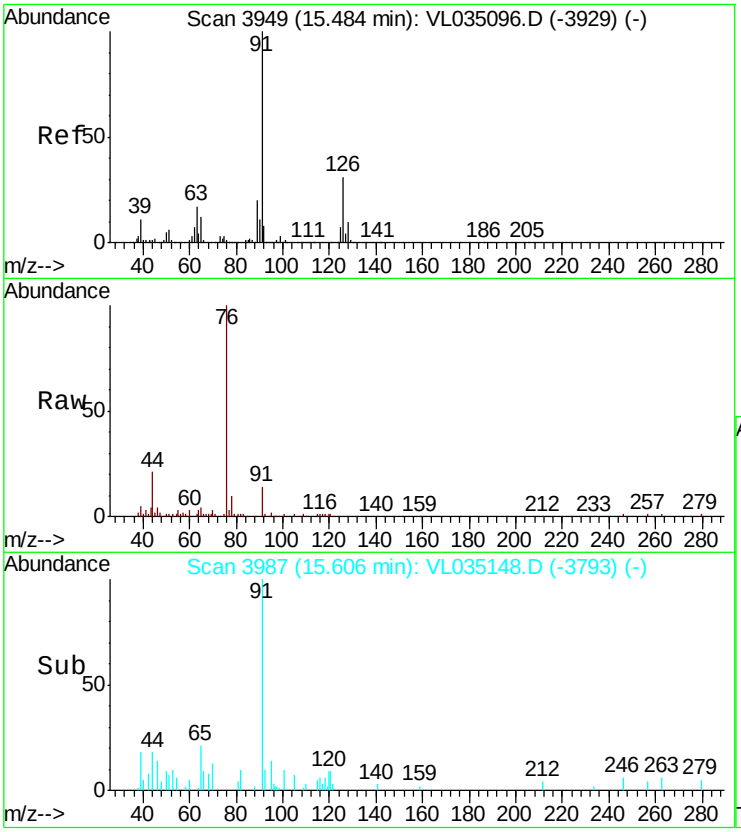


#68
1-Bromo-4-Fluorobenzene
Concen: 10.181 ppbv
RT: 14.47 min Scan# 3634
Delta R.T. 0.03 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Tgt Ion: 95 Resp: 2011429

Ion	Ratio	Lower	Upper
95	100		
174	65.9	52.2	78.2
175	5.0	4.0	6.0



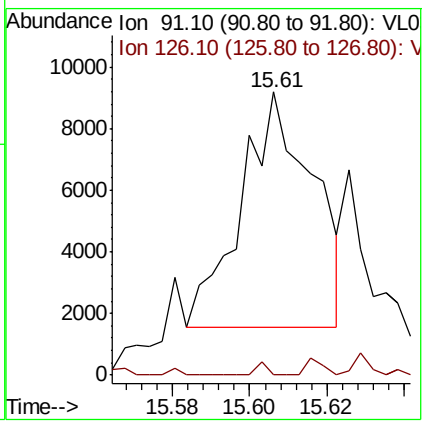


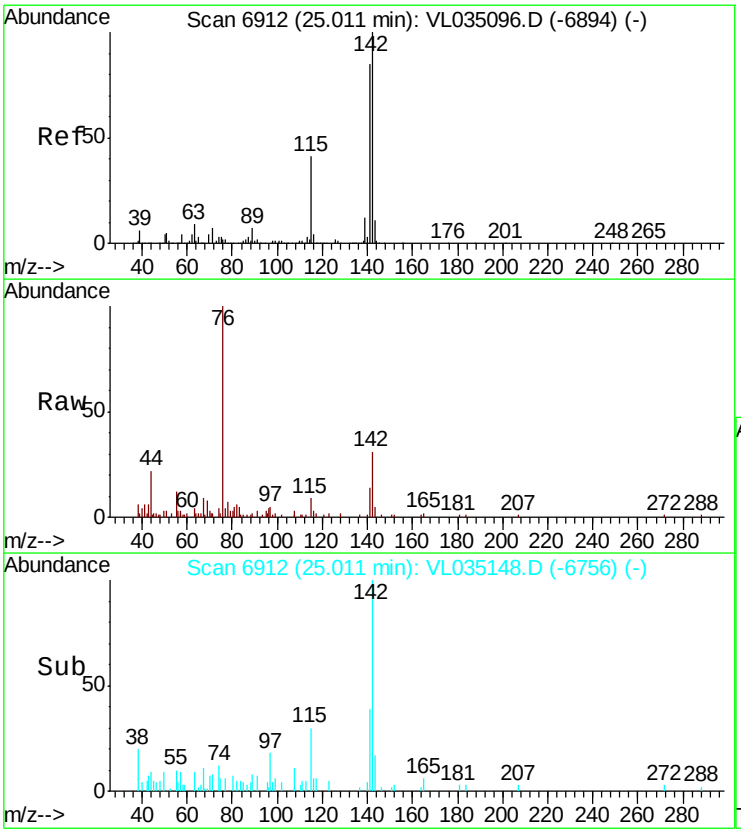
#71
2-Chlorotoluene
Concen: 0.037 ppbv
RT: 15.61 min Scan# 3987
Delta R.T. 0.12 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Instrument :
MSVOA_L
ClientSampleId :
PERM-01

Tgt Ion: 91 Resp: 9835

Ion	Ratio	Lower	Upper
91	100		
126	0.0	12.0	48.0#





#80
Naphthalene,2-methyl-
Concen: 0.161 ppbv
RT: 25.01 min Scan# 6912
Delta R.T. 0.00 min
Lab File: VL035148.D
Acq: 6 Jul 2020 15:03

Tgt Ion:142 Resp: 14965

Ion	Ratio	Lower	Upper
142	100		
141	87.8	67.5	101.3
115	50.0	33.8	50.8