Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110320\
Data File : VL035808.D
Acq On : 3 Nov 2020 17:24
Operator : SY/AP
Sample : VL1103ABS01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Nov 04 05:14:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1252605	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	5730306	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.08	117	6718410	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	3799978	7.96	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 79.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.03	85	2258289	9.576	ppbv	99
3) Chlorodifluoromethane	2.97	51	1355312	9.035	ppbv	98
4) Chloromethane	3.13	50	657090	9.017	ppbv	100
5) Vinyl Chloride	3.24	62	890311	9.584	ppbv	99
6) Bromomethane	3.46	94	767341	10.271	ppbv	100
7) Chloroethane	3.55	64	337862	10.334	ppbv	99
8) Dichlorotetrafluoroethane	3.17	85	2546650	9.436	ppbv	100
9) Propene	3.00	41	513183	9.347	ppbv	100
10) Heptane	8.11	43	1394044	9.193	ppbv	95
11) Trichlorofluoromethane	3.94	101	2653512	8.961	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.47	101	2039224	9.249	ppbv	94
13) Ethanol	3.59	45	103967	8.729	ppbv	97
14) Bromoethene	3.73	108	1014489	9.998	ppbv	99
15) Acetone	3.84	43	1123254	8.388	ppbv	98
16) 1,3-Butadiene	3.31	39	519922	9.018	ppbv	92
17) tert-Butyl alcohol	4.28	59	1785073	10.058	ppbv	100
18) 1,1-Dichloroethene	4.28	96	995412	9.833	ppbv	96
19) Isopropyl Alcohol	3.96	45	791645	9.620	ppbv #	96
20) Methylene Chloride	4.33	84	793611	8.418	ppbv	98
21) Allyl Chloride	4.40	41	722237	9.973	ppbv	97
22) trans-1,2-Dichloroethene	4.87	96	985341	9.602	ppbv	99
23) Vinyl Acetate	5.06	43	1727518	9.203	ppbv	98
24) 1,1-Dichloroethane	5.00	63	1716320	9.597	ppbv	99
25) Ethyl Acetate	5.66	43	2401312	9.102	ppbv	98
26) Hexane	5.67	57	1351740	9.291	ppbv	95
27) Carbon Disulfide	4.54	76	2246642	10.306	ppbv	98
28) Methyl tert-Butyl Ether	5.02	73	2595908	9.936	ppbv	99
29) Chloroform	5.74	83	2753578	9.629	ppbv	99
30) Cyclohexane	7.12	84	1615318	10.194	ppbv	90
31) cis-1,2-Dichloroethene	5.54	61	1475072	9.855	ppbv	93
32) 1,1,1-Trichloroethane	6.50	97	2773413	9.294	ppbv	99
34) 2-Butanone	5.23	43	1533220	8.244	ppbv	92
35) Carbon Tetrachloride	7.01	117	2741313	8.954	ppbv	97
36) Benzene	6.88	78	3758745	8.823	ppbv	99
37) 1,2-Dichloroethane	6.30	62	1700699	8.812	ppbv	97
38) Trichloroethene	7.83	130	1781575	8.562	ppbv	99
39) 1,2-Dichloropropane	7.60	63	1230941	8.582	ppbv	94
40) 1,4-Dioxane	7.82	88	590188	8.682	ppbv	89
41) Tetrahydrofuran	6.04	42	930345	8.805	ppbv	89
42) Bromodichloromethane	7.78	83	2958312	9.084	ppbv	100
43) Methyl Methacrylate	8.01	69	1532909	9.434	ppbv	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110320\
Data File : VL035808.D
Acq On : 3 Nov 2020 17:24
Operator : SY/AP
Sample : VL1103ABS01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Nov 04 05:14:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	4590317	8.143	ppbv		98
45) t-1,3-Dichloropropene	9.27	75	1802970	10.467	ppbv		99
46) cis-1,3-Dichloropropene	8.69	75	2150913	9.860	ppbv		95
47) 1,1,2-Trichloroethane	9.47	97	1756163	8.986	ppbv		99
48) Dibromochloromethane	10.30	129	2866376	9.600	ppbv		99
49) Bromoform	13.04	173	2458137	9.757	ppbv		100
50) 4-Methyl-2-Pentanone	8.73	43	2373108	8.345	ppbv		95
51) 2-Hexanone	10.12	43	1986167	8.694	ppbv	#	92
52) Tetrachloroethene	11.21	164	1666309	8.256	ppbv		97
53) Toluene	9.80	91	4622022	8.992	ppbv		99
54) 1,2-Dibromoethane	10.60	107	2747040	9.243	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.12	131	2207408	7.320	ppbv		98
57) Chlorobenzene	12.14	112	3785461	7.086	ppbv		97
58) Ethyl Benzene	12.71	91	5875721	7.181	ppbv		97
59) m/p-Xylene	12.99	91	4817364	6.959	ppbv	#	22
60) o-Xylene	13.69	91	4684649	6.956	ppbv		98
61) Styrene	13.52	104	3908977	7.922	ppbv		98
62) Isopropylbenzene	14.66	105	7152819	6.757	ppbv		98
63) 1,1,2,2-Tetrachloroethane	13.67	83	3284995	6.295	ppbv		99
64) n-propylbenzene	15.56	120	2244017	7.334	ppbv		88
65) tert-Butylbenzene	16.74	119	6436318	6.680	ppbv		97
66) Benzyl Chloride	16.99	91	2762160	8.673	ppbv		96
67) sec-Butylbenzene	17.29	105	8475279	6.528	ppbv		97
69) p-Isopropyltoluene	17.65	119	7298429	6.812	ppbv		98
70) n-Butylbenzene	18.55	91	6986410	6.771	ppbv		97
71) 2-Chlorotoluene	15.45	91	5450403	7.040	ppbv		96
72) 4-Ethyltoluene	15.84	105	5822517	7.129	ppbv		98
73) 1,3,5-Trimethylbenzene	16.00	105	5361919	7.173	ppbv		97
74) 1,2,4-Trimethylbenzene	16.76	105	5394159	6.735	ppbv		96
75) 1,3-Dichlorobenzene	17.00	146	3533018	6.928	ppbv		99
76) 1,4-Dichlorobenzene	17.14	146	3604511	7.327	ppbv		99
77) 1,2-Dichlorobenzene	17.82	146	3535510	7.112	ppbv		99
78) Hexachloro-1,3-Butadiene	23.38	225	1595867	6.880	ppbv		100
79) Naphthalene	22.19	128	5097745	9.130	ppbv		100
80) Naphthalene,2-methyl-	24.97	142	1446903	15.902	ppbv		97
81) 1,2,4-Trichlorobenzene	21.93	180	2528350	8.105	ppbv		99

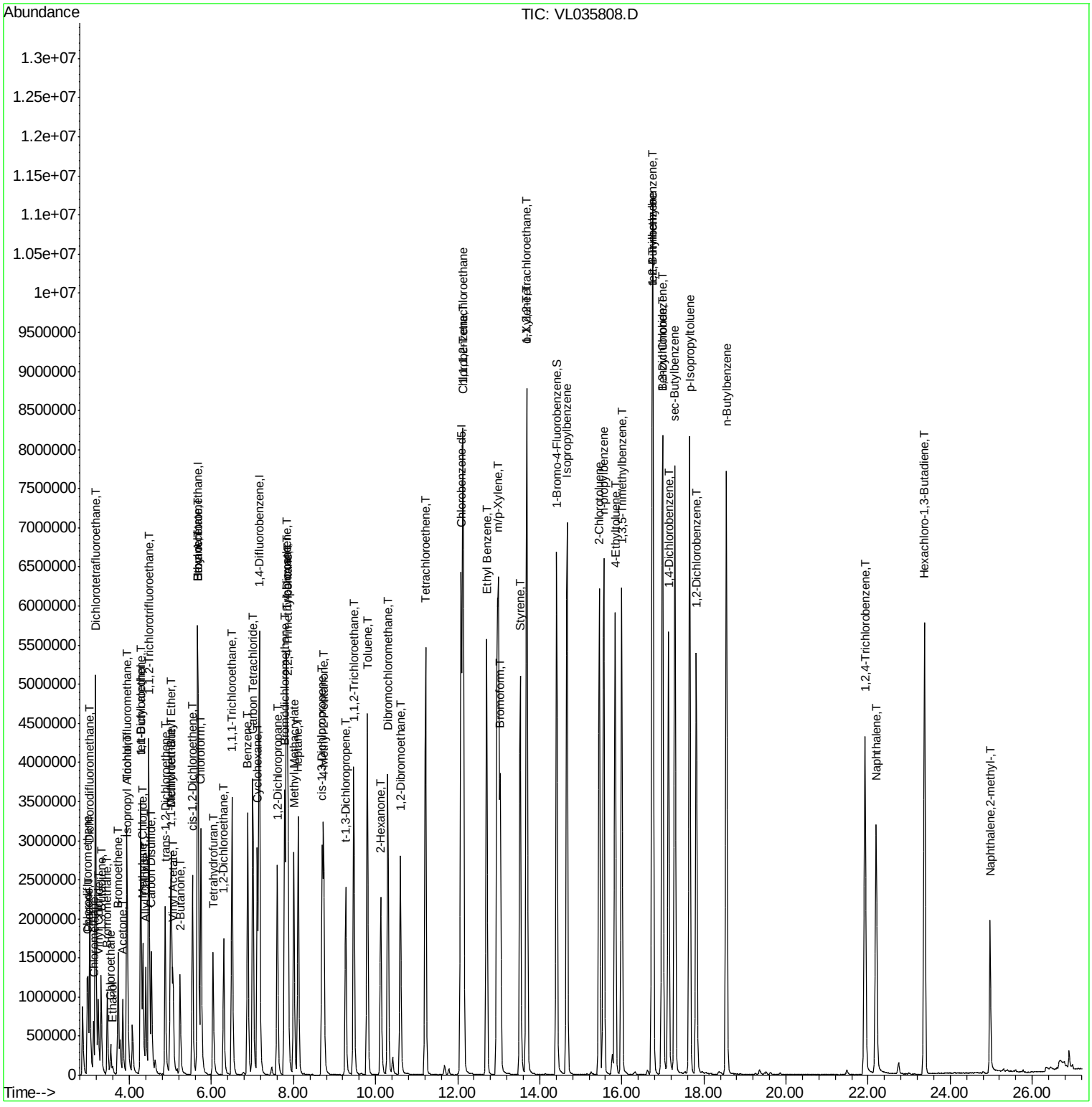
(#) = qualifier out of range (m) = manual integration (+) = signals summed

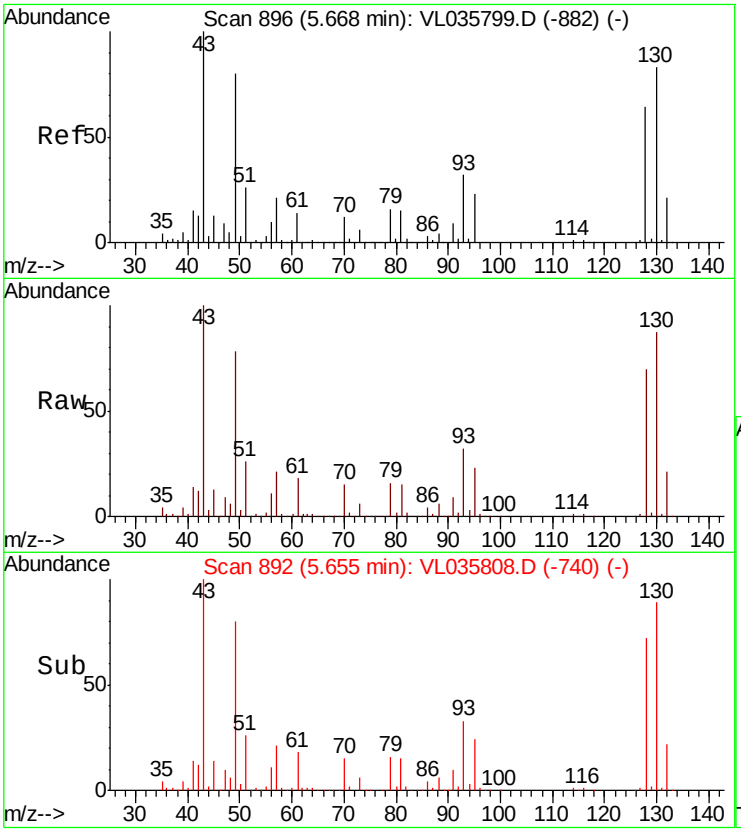
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110320\
Data File : VL035808.D
Acq On : 3 Nov 2020 17:24
Operator : SY/AP
Sample : VL1103ABS01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Nov 04 05:14:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration



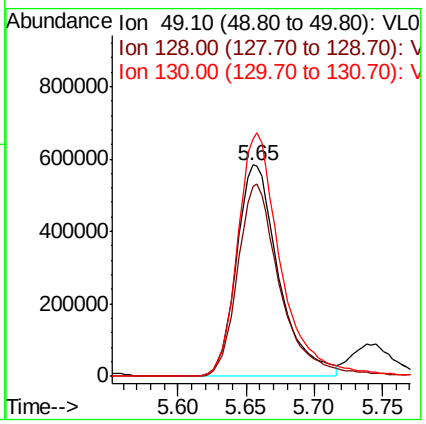


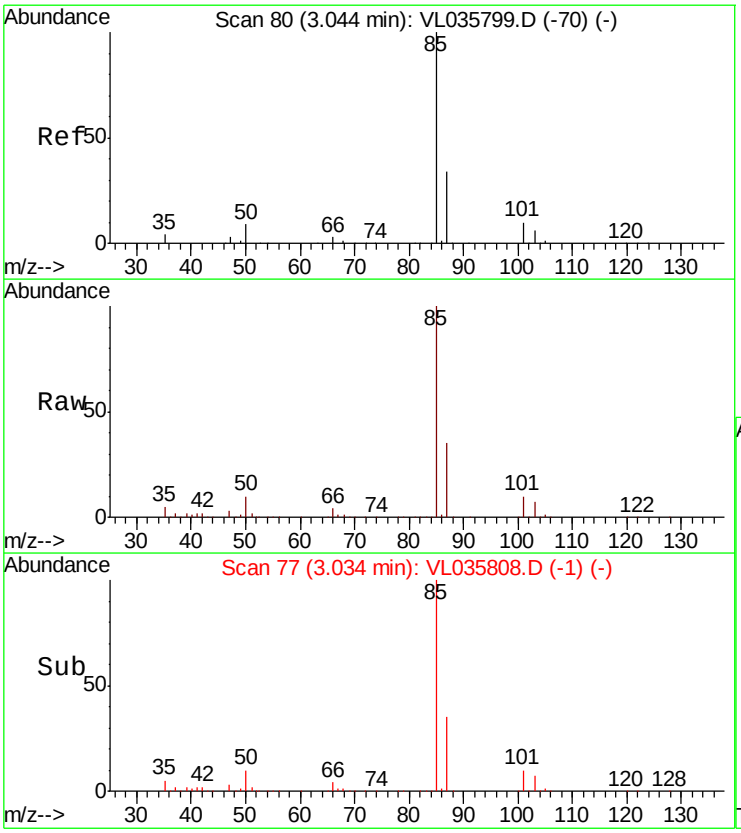
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 892
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1252605

Ion	Ratio	Lower	Upper
49	100		
128	93.1	41.5	124.6
130	118.7	53.7	161.1

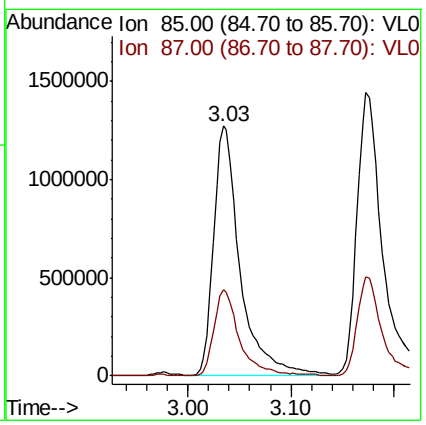


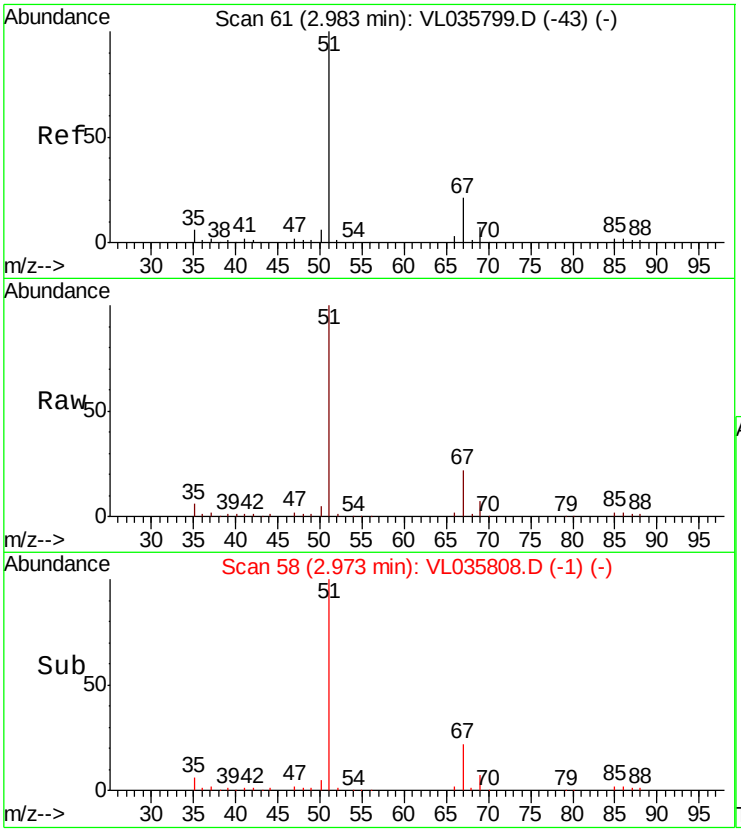


#2
Dichlorodifluoromethane
Concen: 9.576 ppbv
RT: 3.03 min Scan# 77
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Tgt Ion: 85 Resp: 2258289

Ion	Ratio	Lower	Upper
85	100		
87	34.7	27.1	40.7



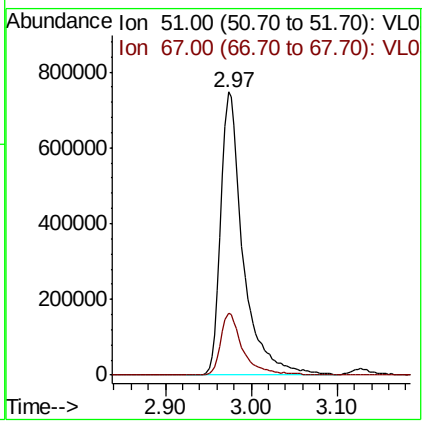


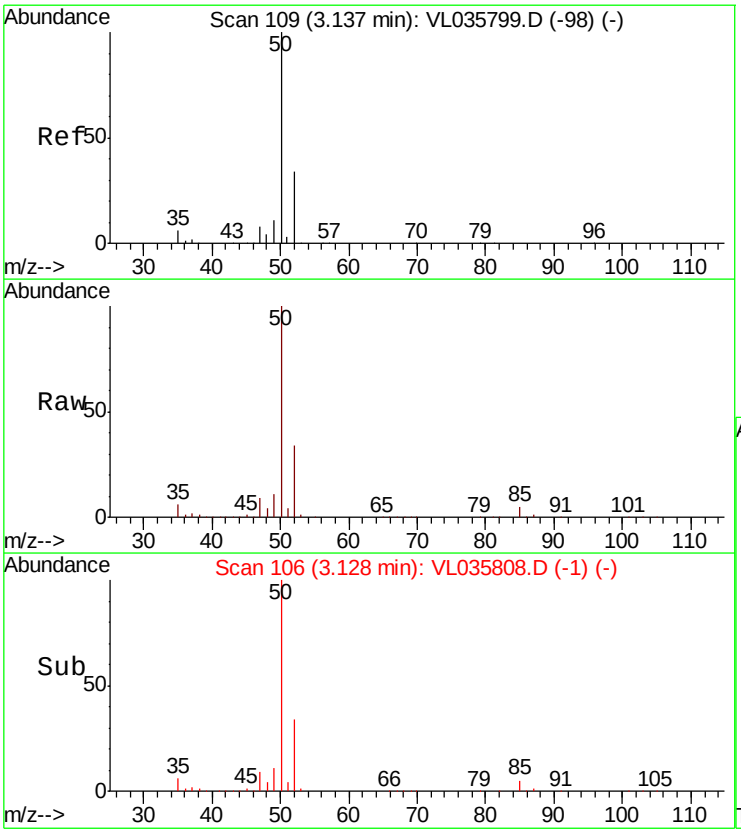
#3
Chlorodifluoromethane
Concen: 9.035 ppbv
RT: 2.97 min Scan# 58
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 1355312

Ion	Ratio	Lower	Upper
51	100		
67	22.0	17.0	25.4

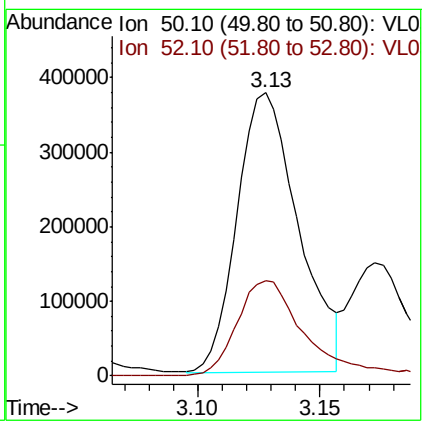


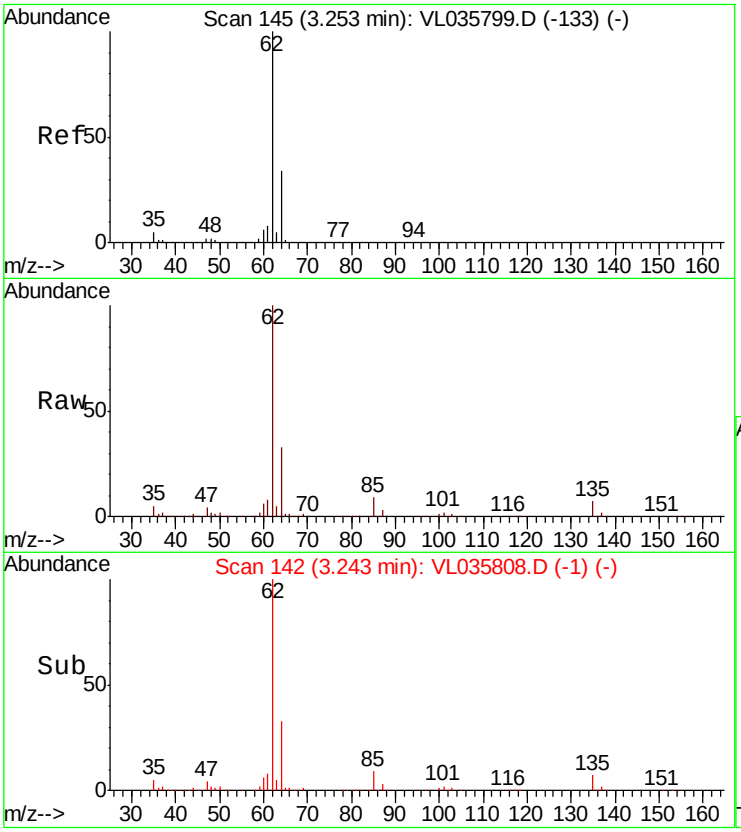


#4
Chloromethane
Concen: 9.017 ppbv
RT: 3.13 min Scan# 106
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Tgt Ion: 50 Resp: 657090

Ion	Ratio	Lower	Upper
50	100		
52	34.0	27.1	40.7



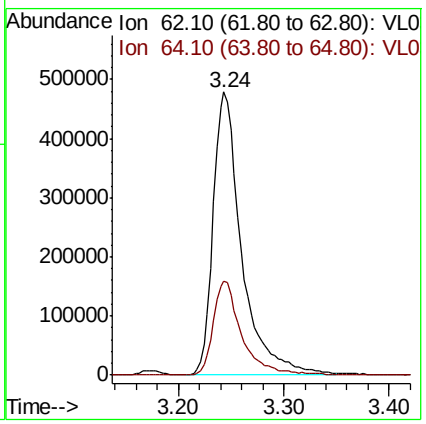


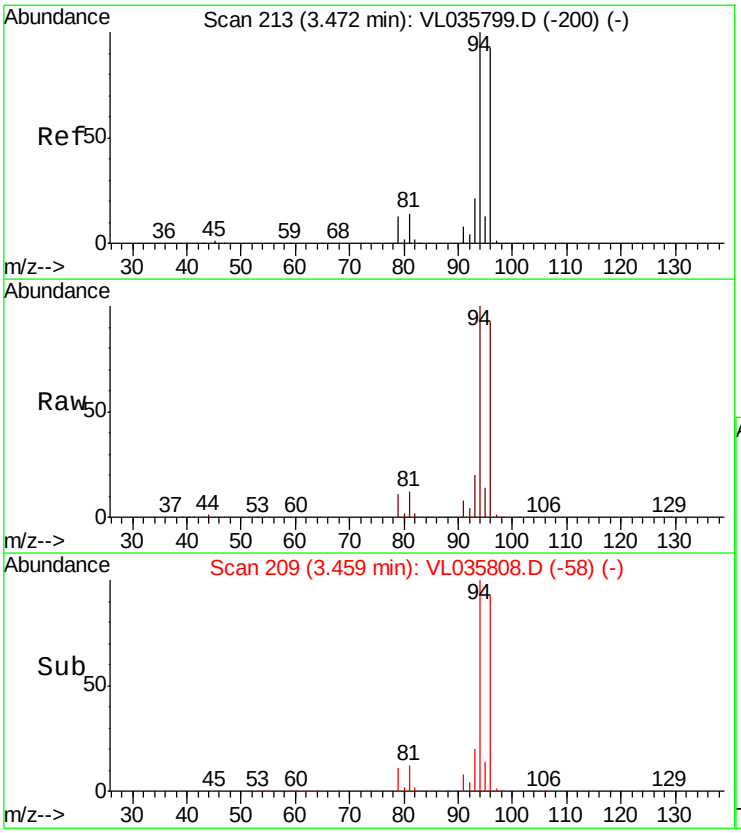
#5
Vinyl Chloride
Concen: 9.584 ppbv
RT: 3.24 min Scan# 142
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 62 Resp: 890311

Ion	Ratio	Lower	Upper
62	100		
64	33.1	26.9	40.3

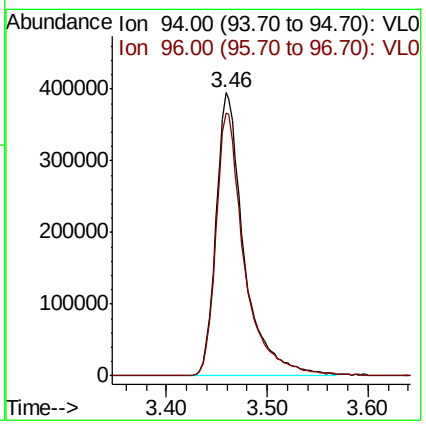


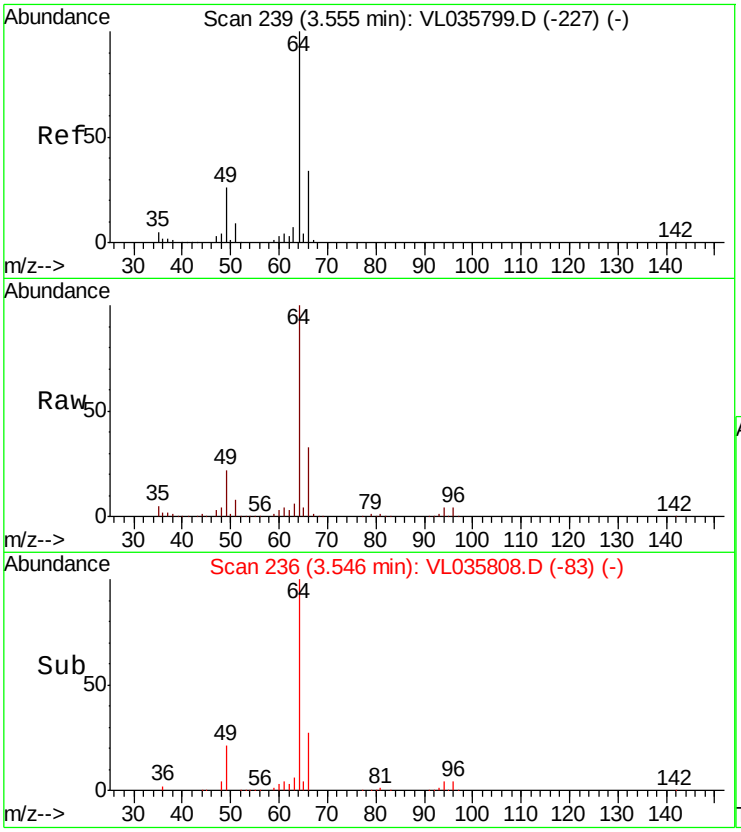


#6
Bromomethane
Concen: 10.271 ppbv
RT: 3.46 min Scan# 209
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Tgt Ion: 94 Resp: 767341

Ion	Ratio	Lower	Upper
94	100		
96	92.9	74.6	111.8



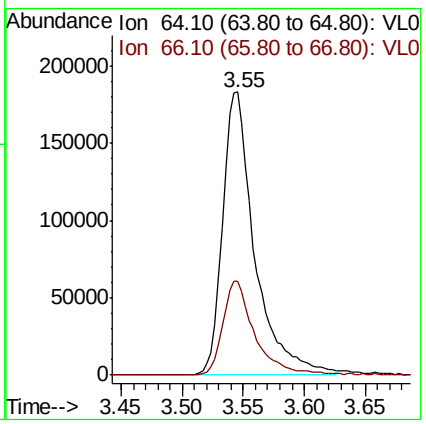


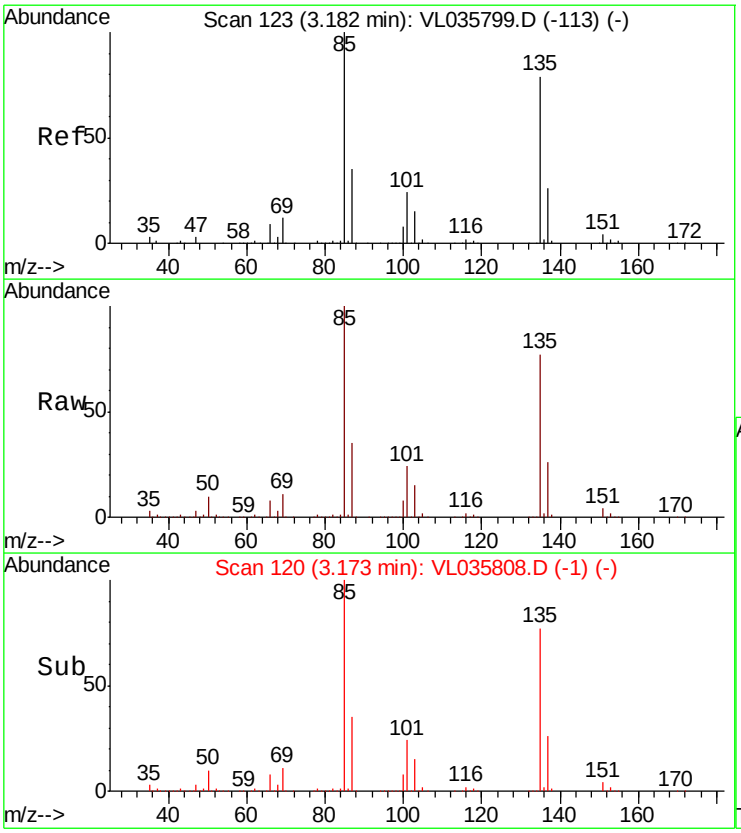
#7
Chloroethane
Concen: 10.334 ppbv
RT: 3.55 min Scan# 236
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 64 Resp: 337862

Ion	Ratio	Lower	Upper
64	100		
66	33.2	27.0	40.6

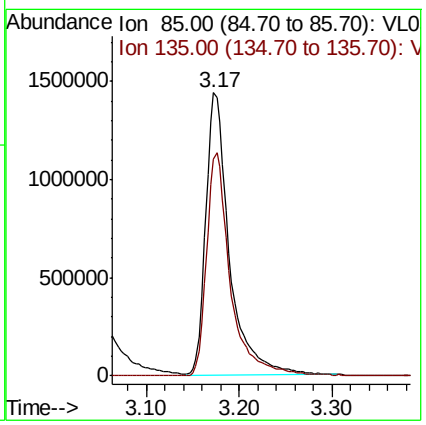


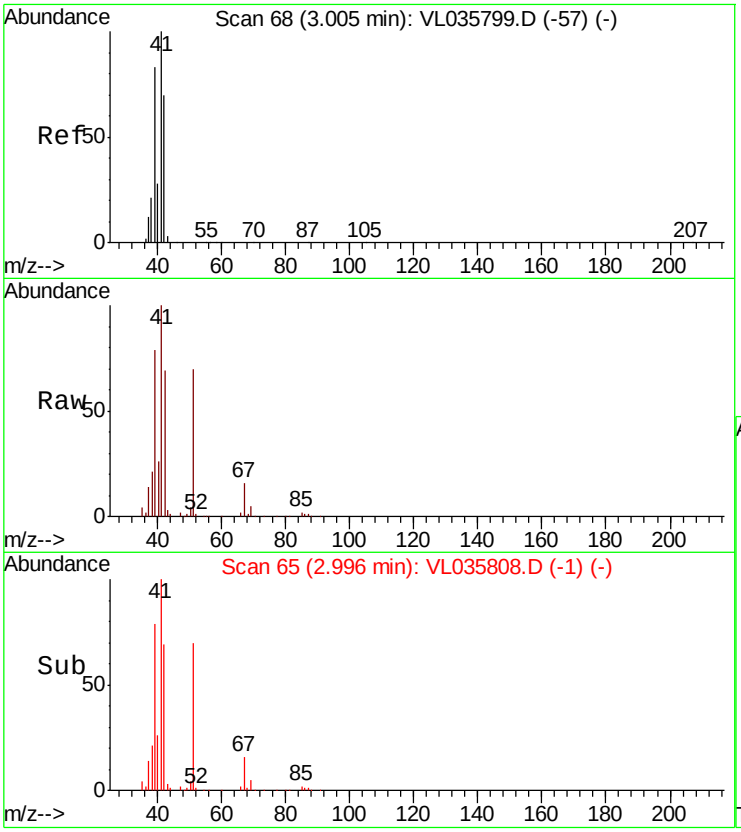


#8
Dichlorotetrafluoroethane
Concen: 9.436 ppbv
RT: 3.17 min Scan# 120
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Tgt Ion: 85 Resp: 2546650

Ion	Ratio	Lower	Upper
85	100		
135	80.4	64.6	96.8



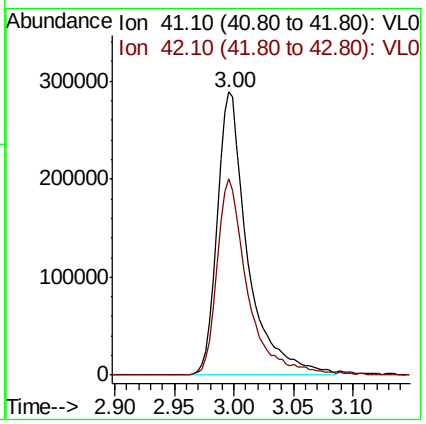


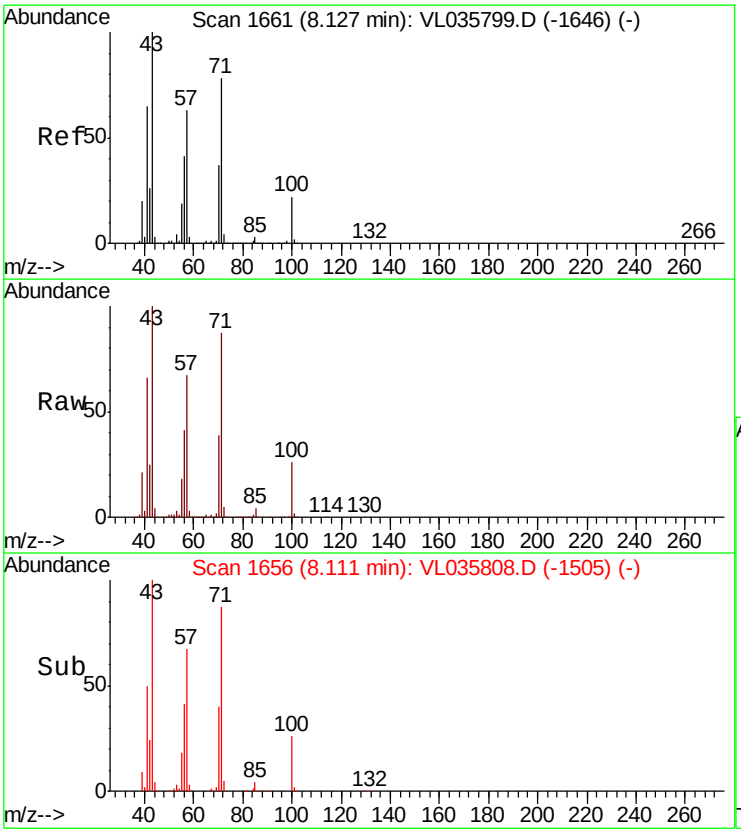
#9
Propene
Concen: 9.347 ppbv
RT: 3.00 min Scan# 65
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 513183

Ion	Ratio	Lower	Upper
41	100		
42	70.1	56.2	84.4

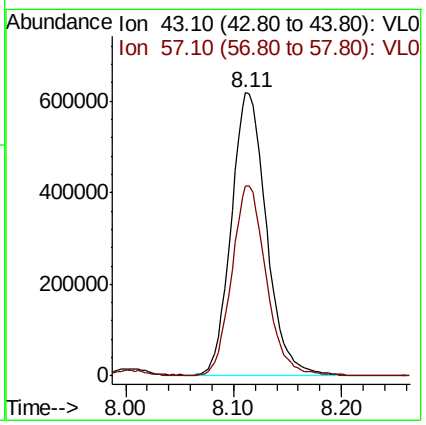


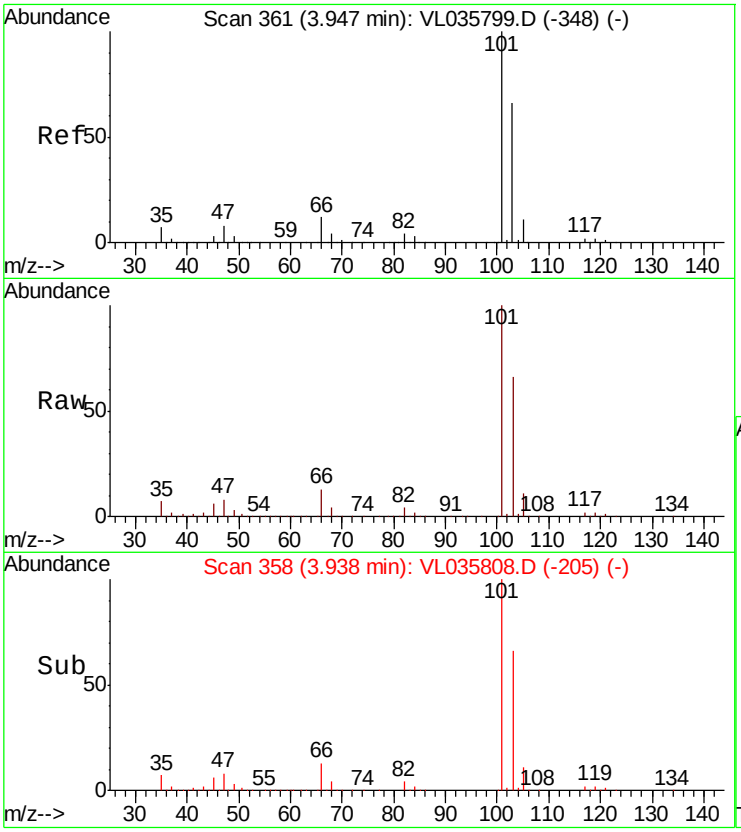


#10
Heptane
Concen: 9.193 ppbv
RT: 8.11 min Scan# 1656
Delta R.T. -0.02 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Tgt Ion: 43 Resp: 1394044

Ion	Ratio	Lower	Upper
43	100		
57	66.5	50.0	75.0



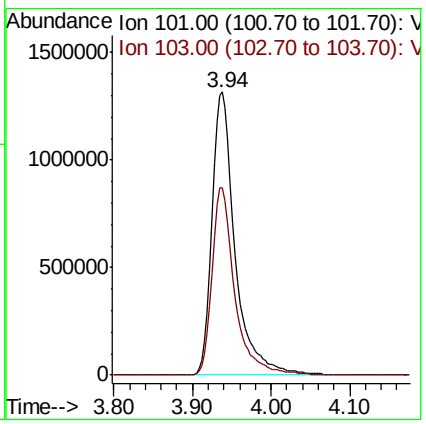


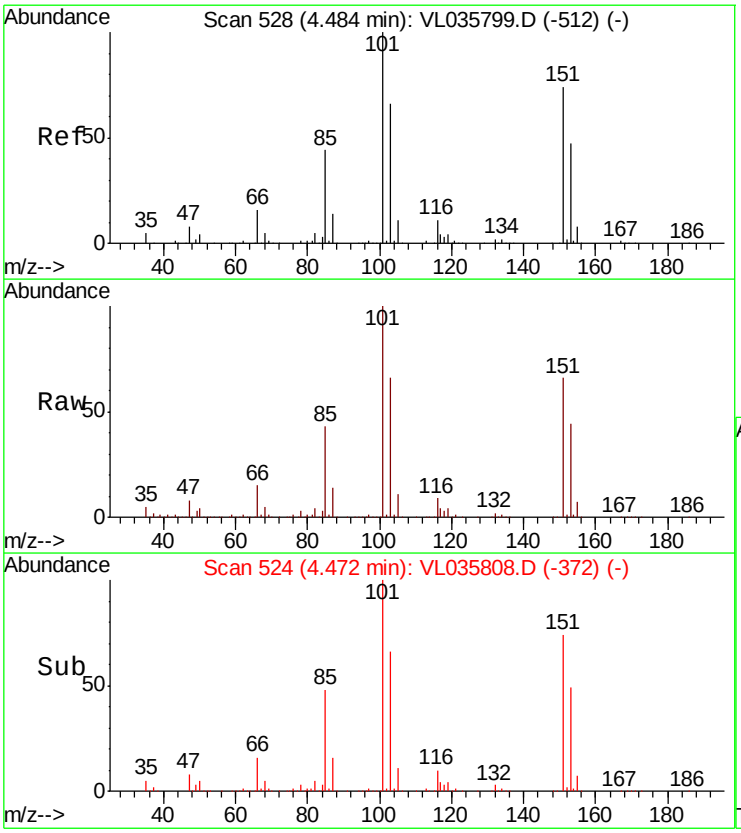
#11
Trichlorofluoromethane
Concen: 8.961 ppbv
RT: 3.94 min Scan# 358
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 2653512

Ion	Ratio	Lower	Upper
101	100		
103	66.3	53.0	79.4

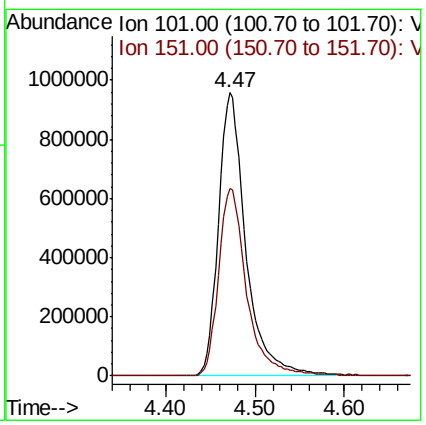


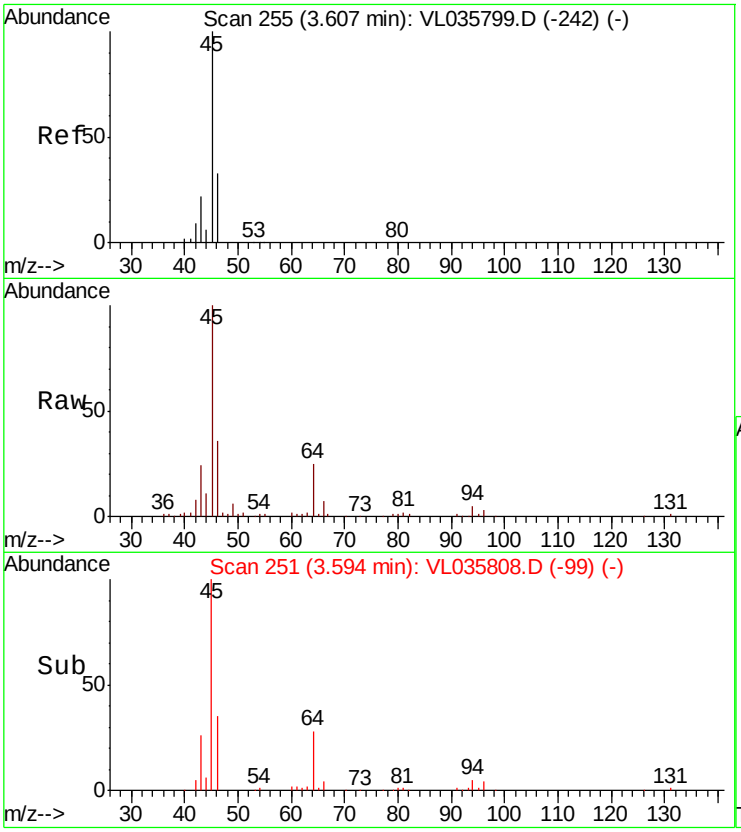


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.249 ppbv
RT: 4.47 min Scan# 524
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Tgt Ion:101 Resp: 2039224

Ion	Ratio	Lower	Upper
101	100		
151	68.3	58.9	88.3



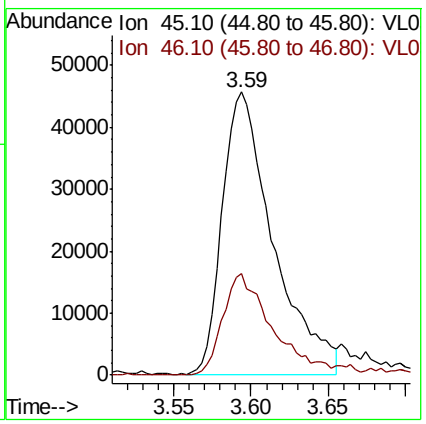


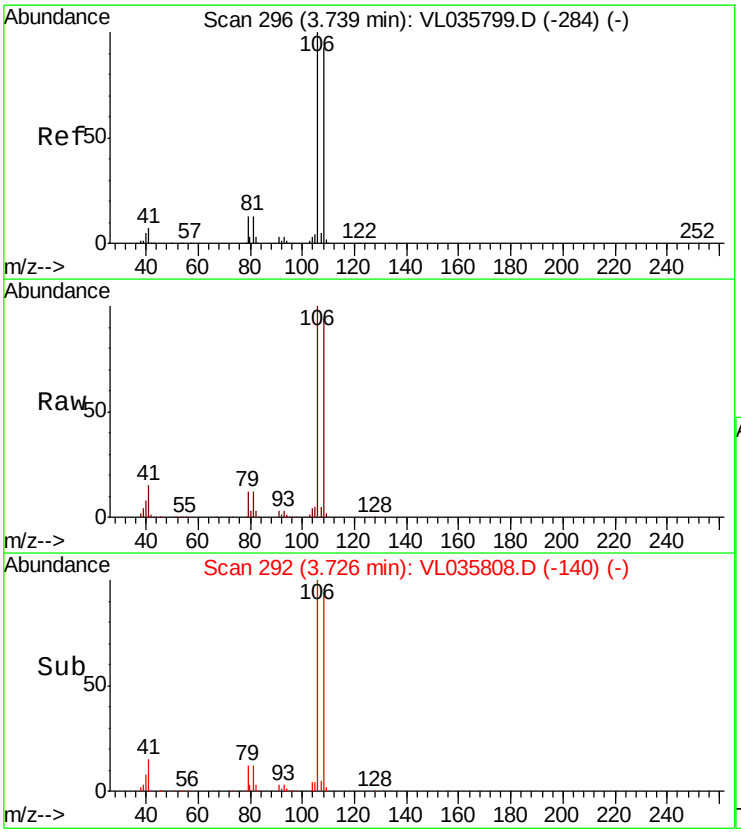
#13
Ethanol
Concen: 8.729 ppbv
RT: 3.59 min Scan# 251
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 103967

Ion	Ratio	Lower	Upper
45	100		
46	38.7	16.1	64.5

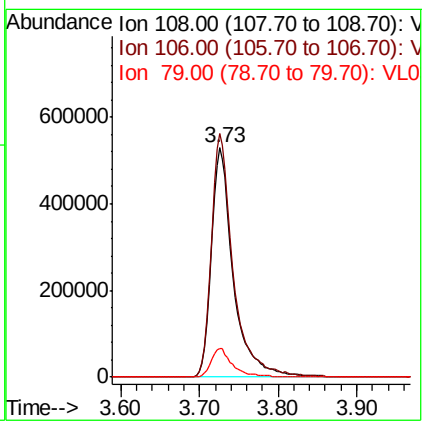


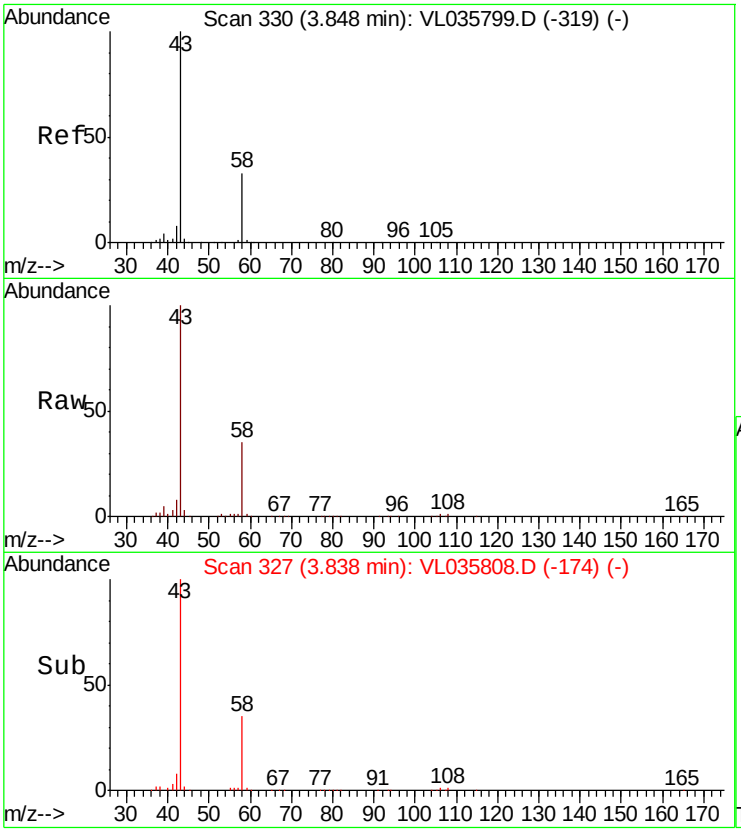


#14
Bromoethene
Concen: 9.998 ppbv
RT: 3.73 min Scan# 292
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Tgt Ion:108 Resp: 1014489

Ion	Ratio	Lower	Upper
108	100		
106	105.9	85.3	127.9
79	12.6	11.6	17.4



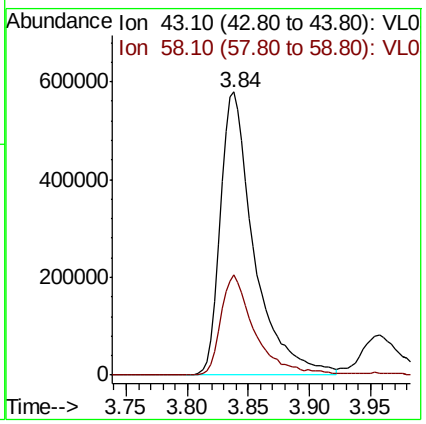


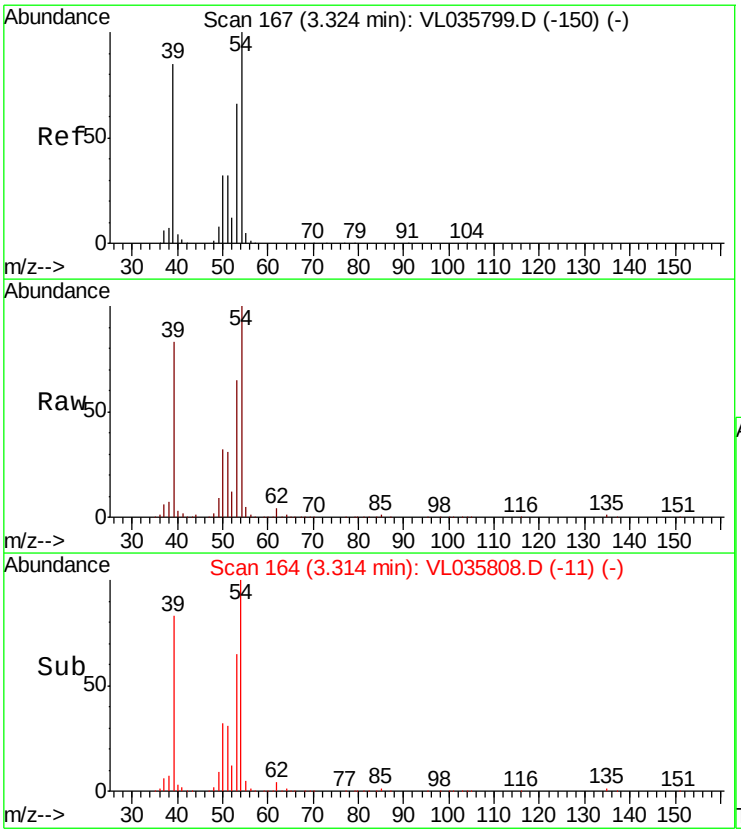
#15
Acetone
Concen: 8.388 ppbv
RT: 3.84 min Scan# 327
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 1123254

Ion	Ratio	Lower	Upper
43	100		
58	35.7	27.5	41.3

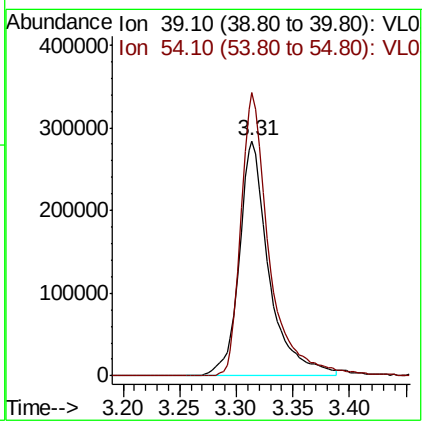


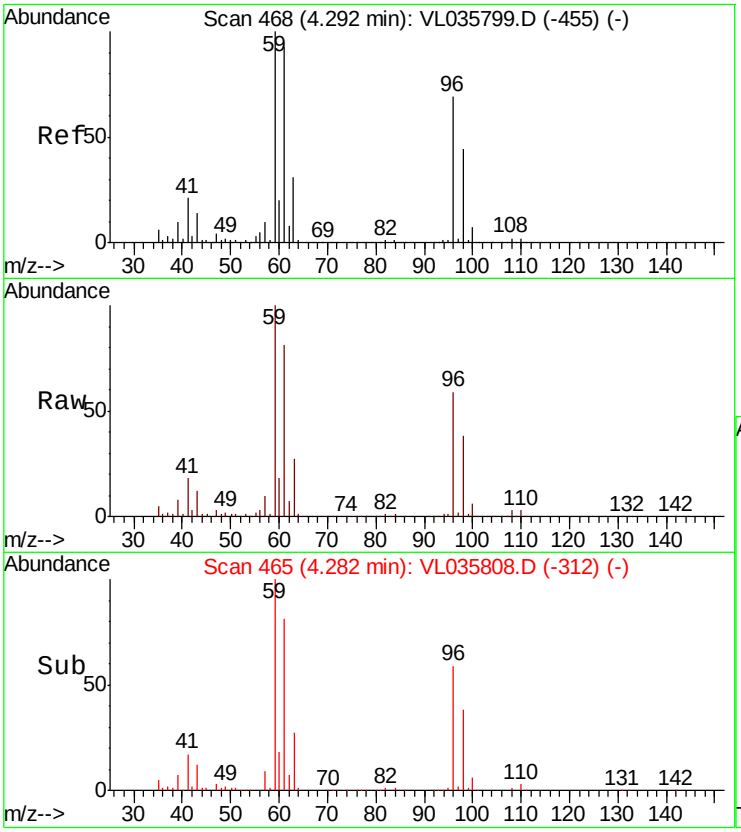


#16
1,3-Butadiene
Concen: 9.018 ppbv
RT: 3.31 min Scan# 164
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Tgt Ion: 39 Resp: 519922

Ion	Ratio	Lower	Upper
39	100		
54	116.8	87.1	130.7



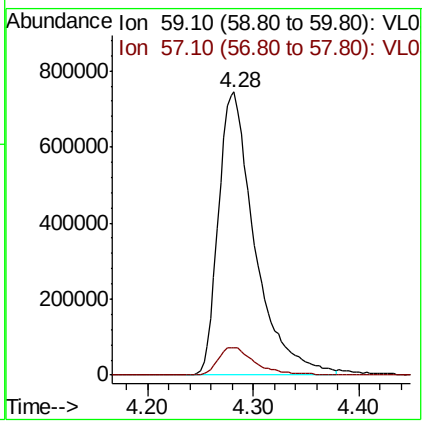


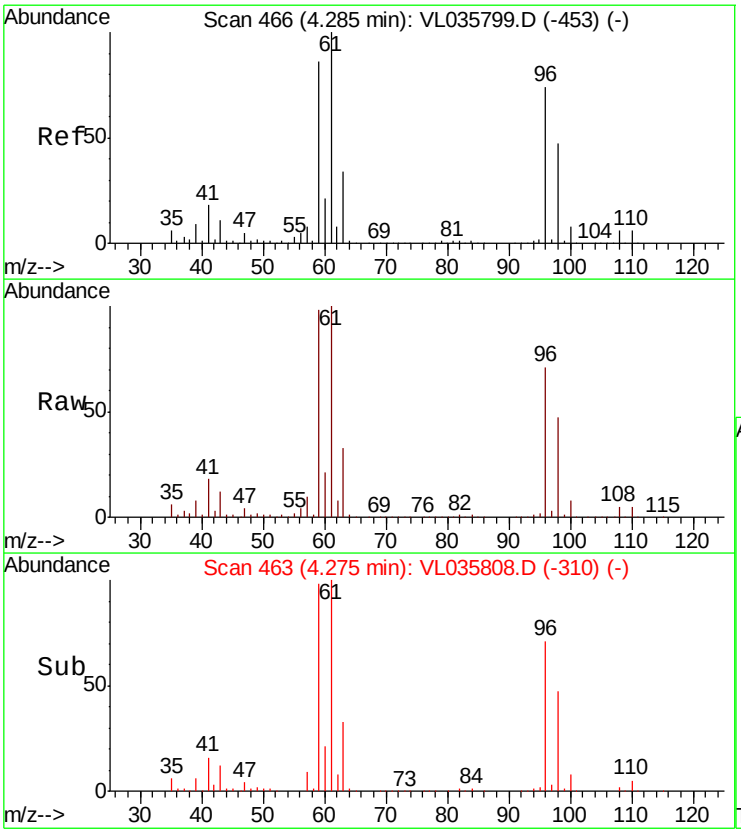
#17
tert-Butyl alcohol
Concen: 10.058 ppbv
RT: 4.28 min Scan# 465
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 59 Resp: 1785073

Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.4

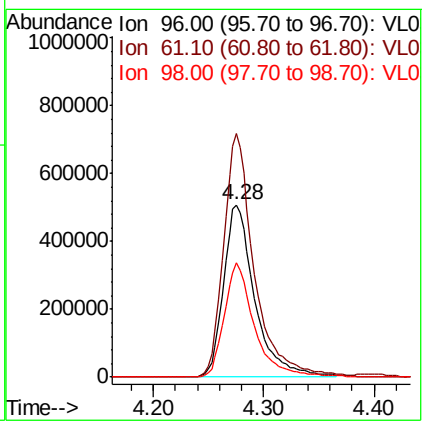


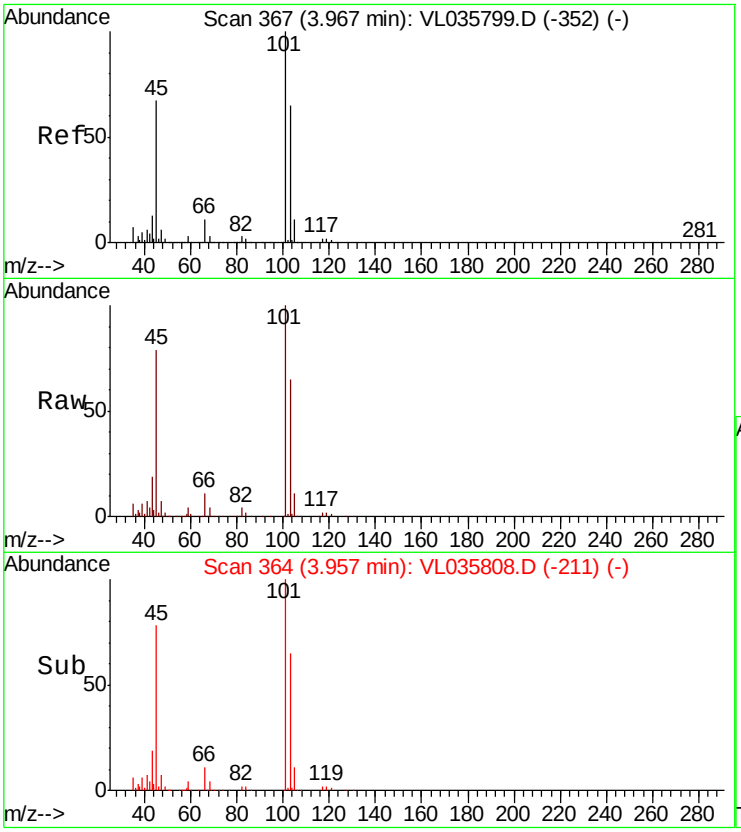


#18
1,1-Dichloroethene
Concen: 9.833 ppbv
RT: 4.28 min Scan# 463
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Tgt Ion: 96 Resp: 995412

Ion	Ratio	Lower	Upper
96	100		
61	141.4	108.5	162.7
98	66.1	50.7	76.1



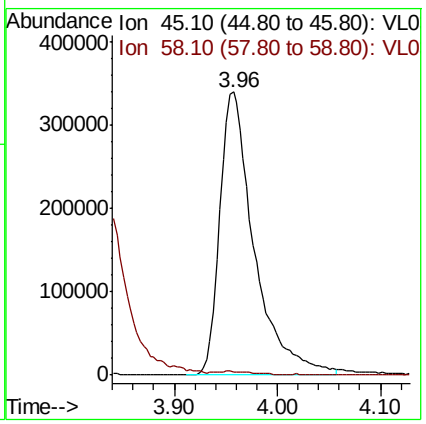


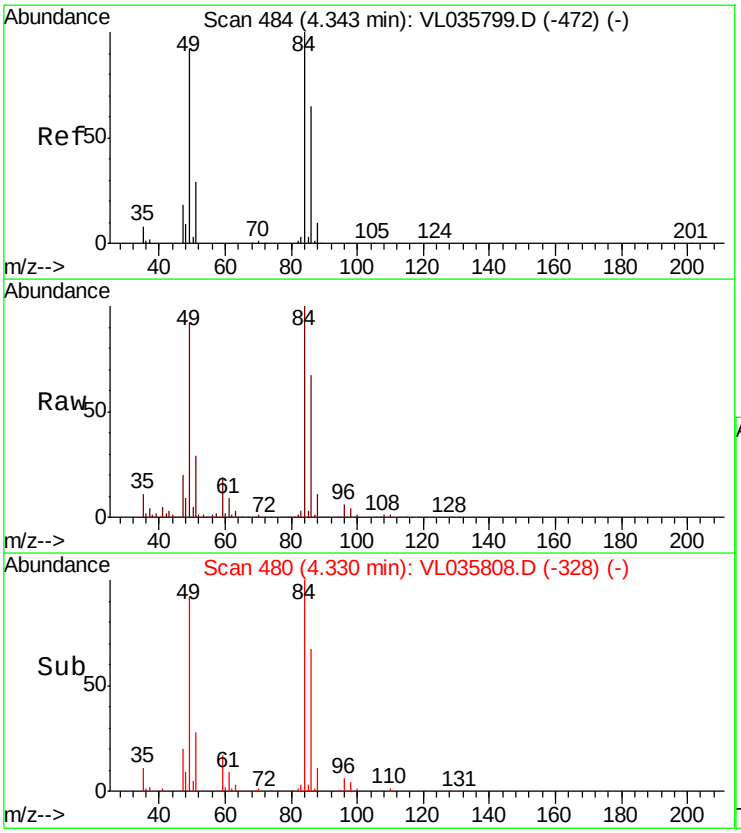
#19
Isopropyl Alcohol
Concen: 9.620 ppbv
RT: 3.96 min Scan# 364
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 791645

Ion	Ratio	Lower	Upper
45	100		
58	1.8	2.6	3.8#

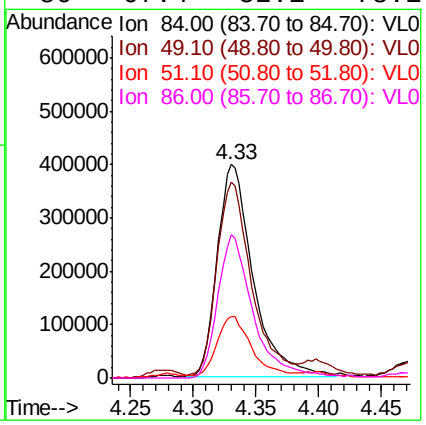


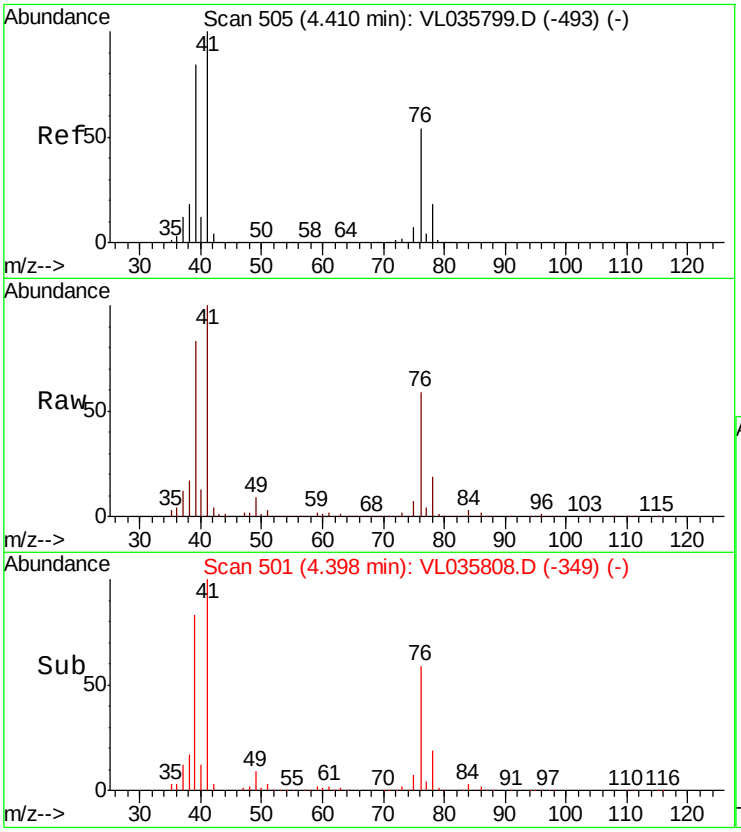


#20
Methylene Chloride
Concen: 8.418 ppbv
RT: 4.33 min Scan# 480
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Tgt Ion: 84 Resp: 793611

Ion	Ratio	Lower	Upper
84	100		
49	90.7	73.8	110.8
51	27.5	23.0	34.4
86	67.4	52.1	78.1



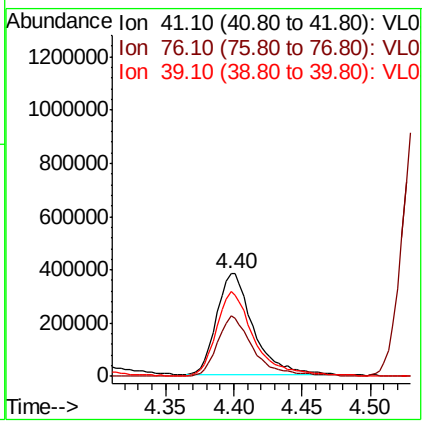


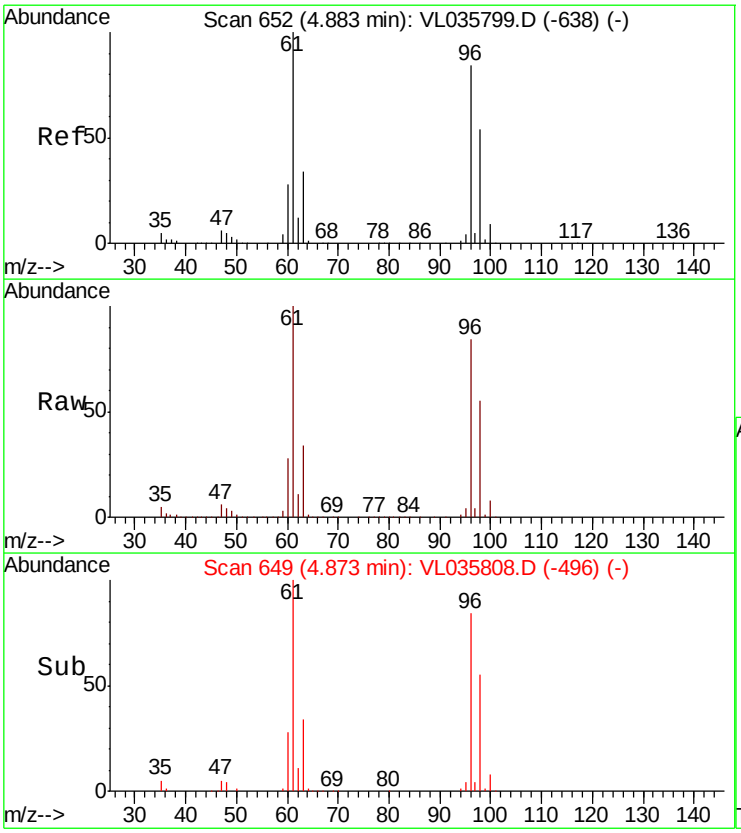
#21
Allvl Chloride
Concen: 9.973 ppbv
RT: 4.40 min Scan# 501
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 722237

Ion	Ratio	Lower	Upper
41	100		
76	58.1	42.6	63.8
39	83.8	67.0	100.4

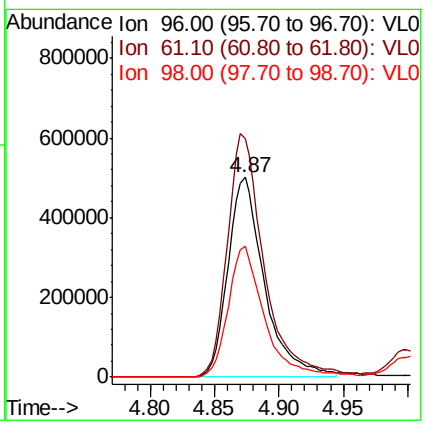


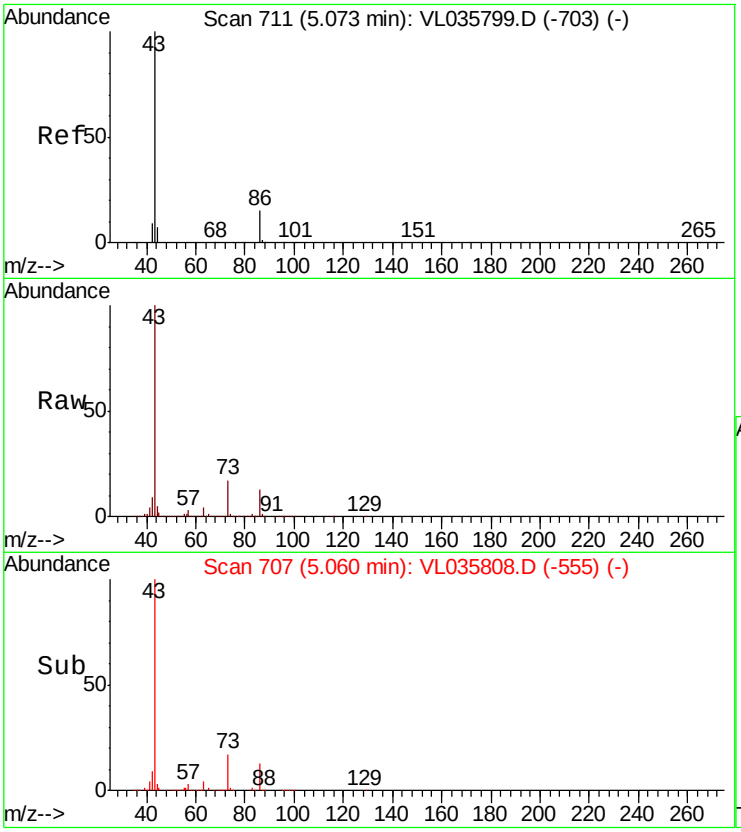


#22
trans-1,2-Dichloroethene
Concen: 9.602 ppbv
RT: 4.87 min Scan# 649
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Tgt Ion: 96 Resp: 985341

Ion	Ratio	Lower	Upper
96	100		
61	119.5	95.4	143.0
98	65.7	51.8	77.6



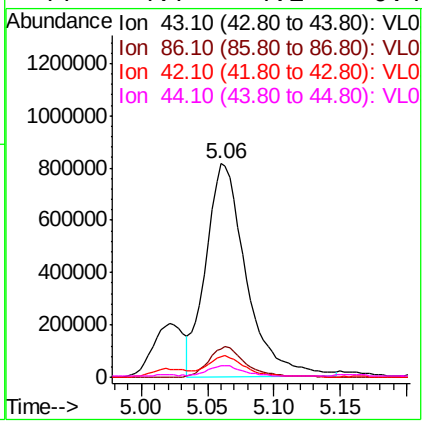


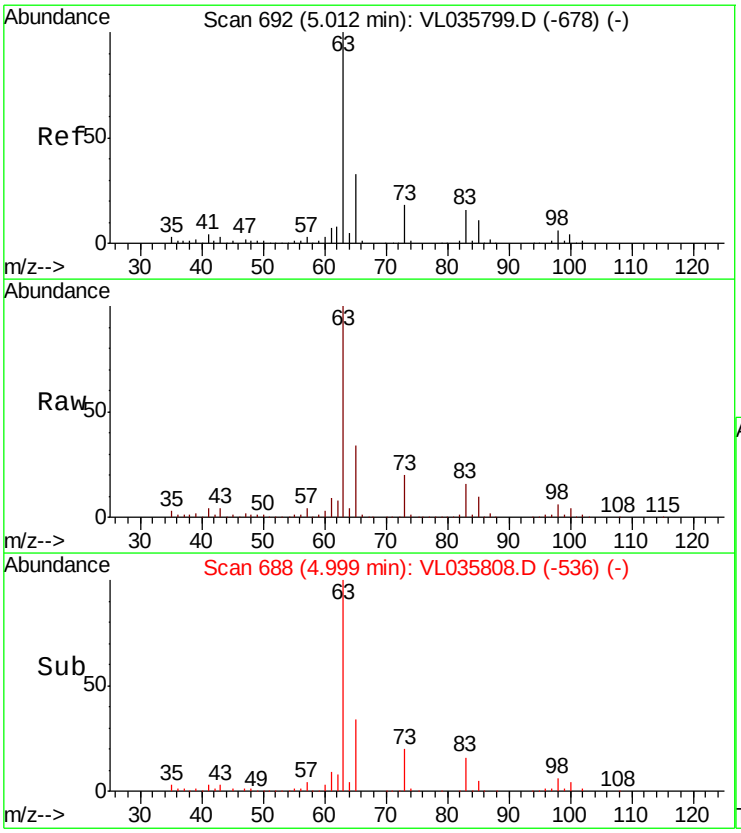
#23
Vinyl Acetate
Concen: 9.203 ppbv
RT: 5.06 min Scan# 707
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 1727518

Ion	Ratio	Lower	Upper
43	100		
86	13.4	9.8	14.6
42	9.5	8.1	12.1
44	4.7	4.2	6.4

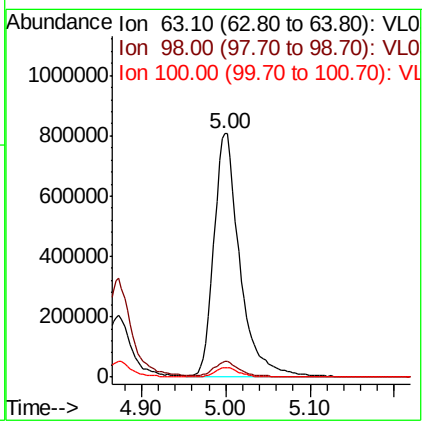


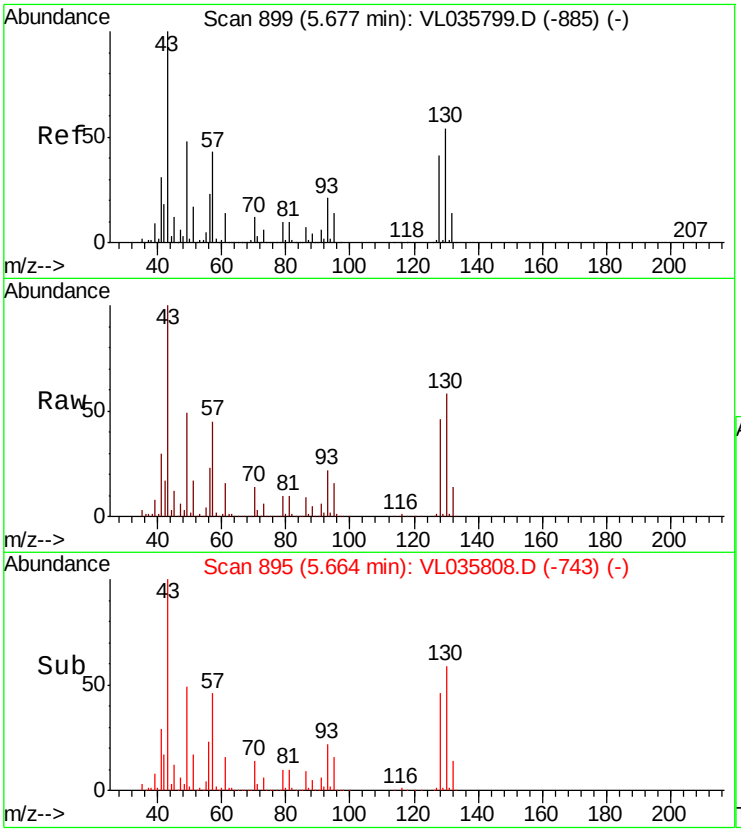


#24
1,1-Dichloroethane
Concen: 9.597 ppbv
RT: 5.00 min Scan# 688
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Tgt Ion: 63 Resp: 1716320

Ion	Ratio	Lower	Upper
63	100		
98	6.2	3.0	9.2
100	3.9	1.8	5.4



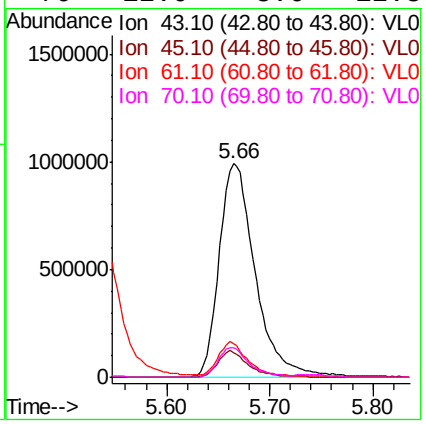


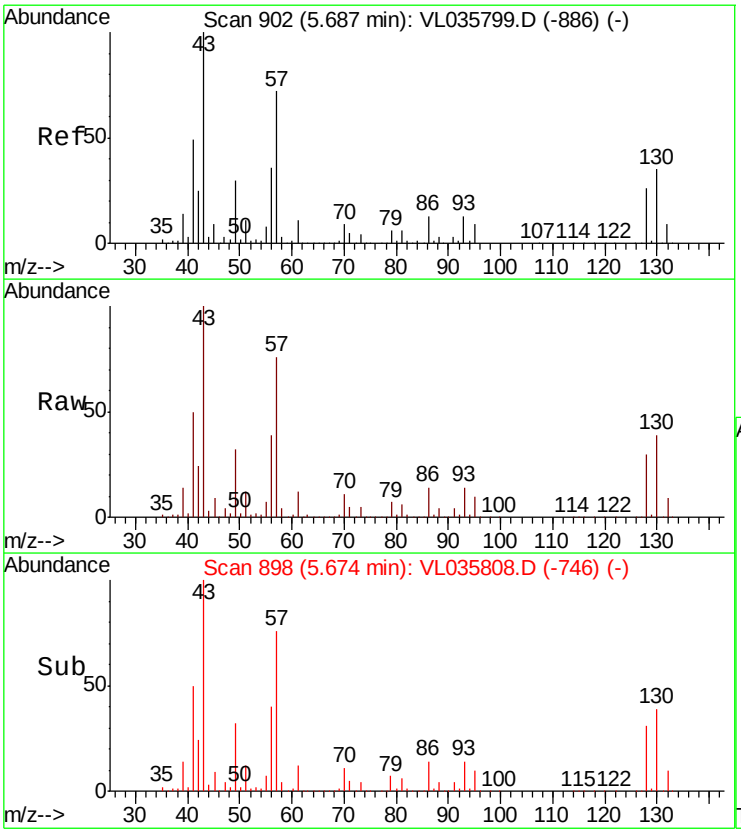
#25
Ethyl Acetate
Concen: 9.102 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 2401312

Ion	Ratio	Lower	Upper
43	100		
45	10.9	8.5	12.7
61	14.5	10.7	16.1
70	12.0	8.6	12.8

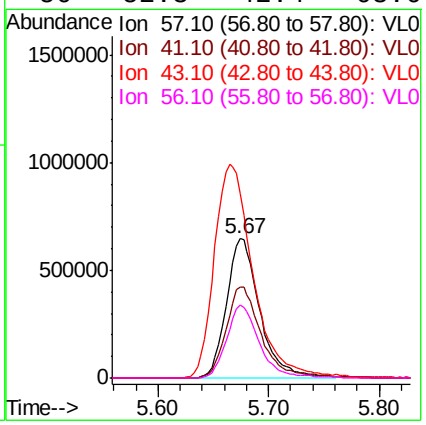


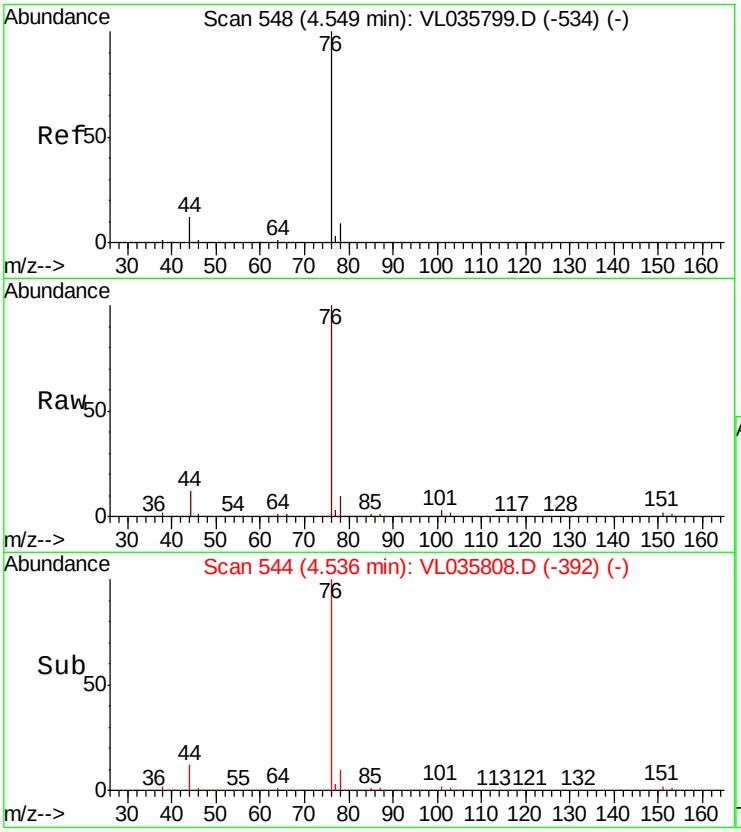


#26
Hexane
Concen: 9.291 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Tgt Ion: 57 Resp: 1351740

Ion	Ratio	Lower	Upper
57	100		
41	69.4	58.9	88.3
43	179.4	150.2	225.2
56	52.3	42.4	63.6



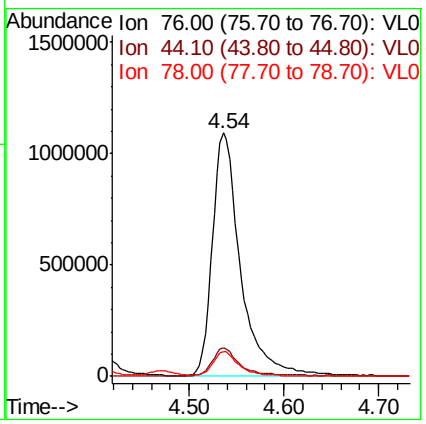


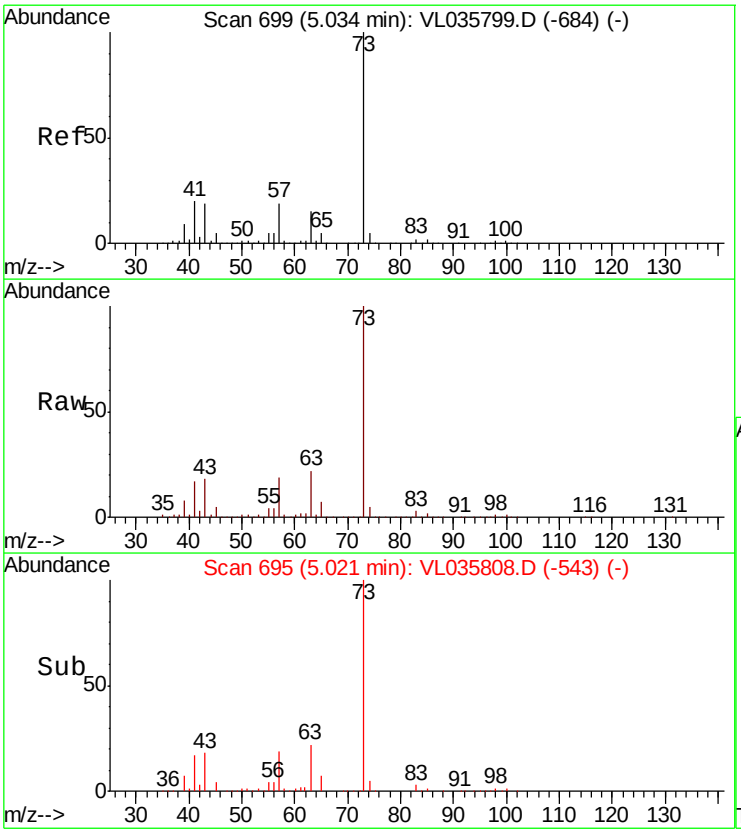
#27
Carbon Disulfide
Concen: 10.306 ppbv
RT: 4.54 min Scan# 544
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 76 Resp: 2246642

Ion	Ratio	Lower	Upper
76	100		
44	11.1	9.9	14.9
78	10.1	8.1	12.1

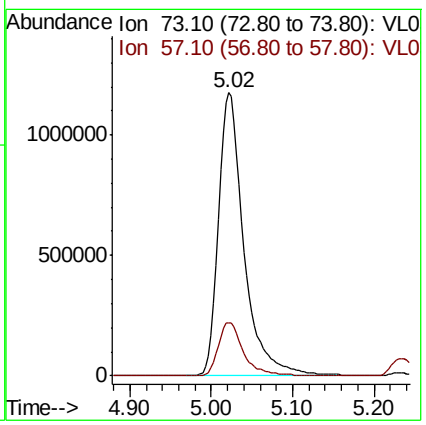


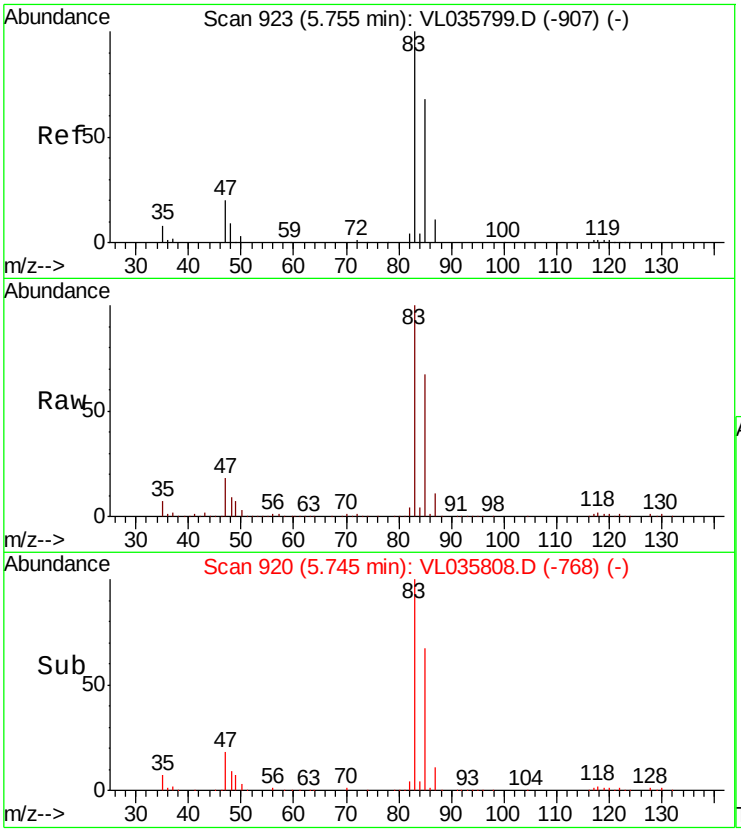


#28
Methyl tert-Butyl Ether
Concen: 9.936 ppbv
RT: 5.02 min Scan# 695
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Tgt Ion: 73 Resp: 2595908

Ion	Ratio	Lower	Upper
73	100		
57	18.8	15.4	23.2



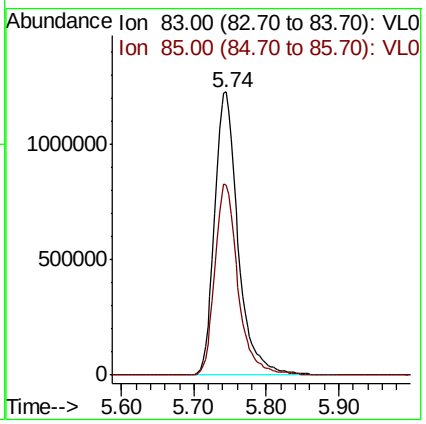


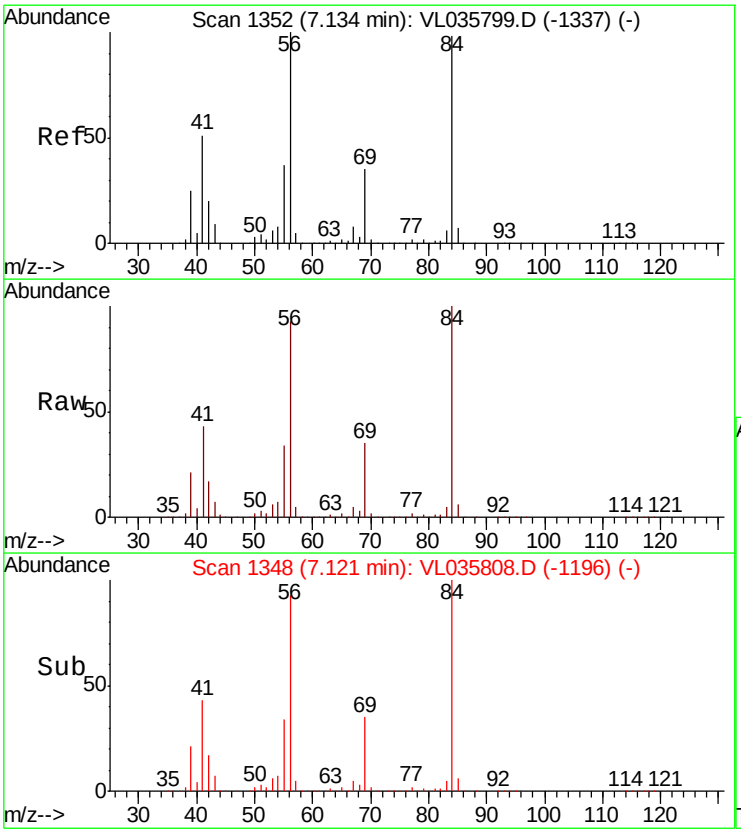
#29
Chloroform
Concen: 9.629 ppbv
RT: 5.74 min Scan# 920
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 2753578

Ion	Ratio	Lower	Upper
83	100		
85	67.0	54.6	81.8

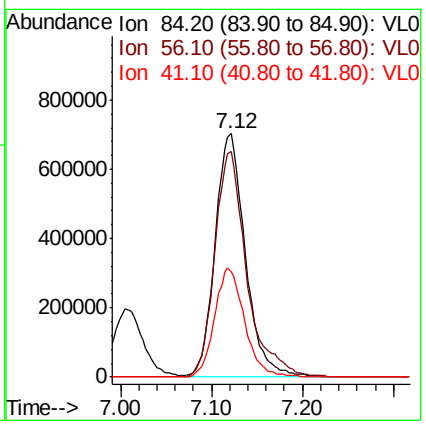


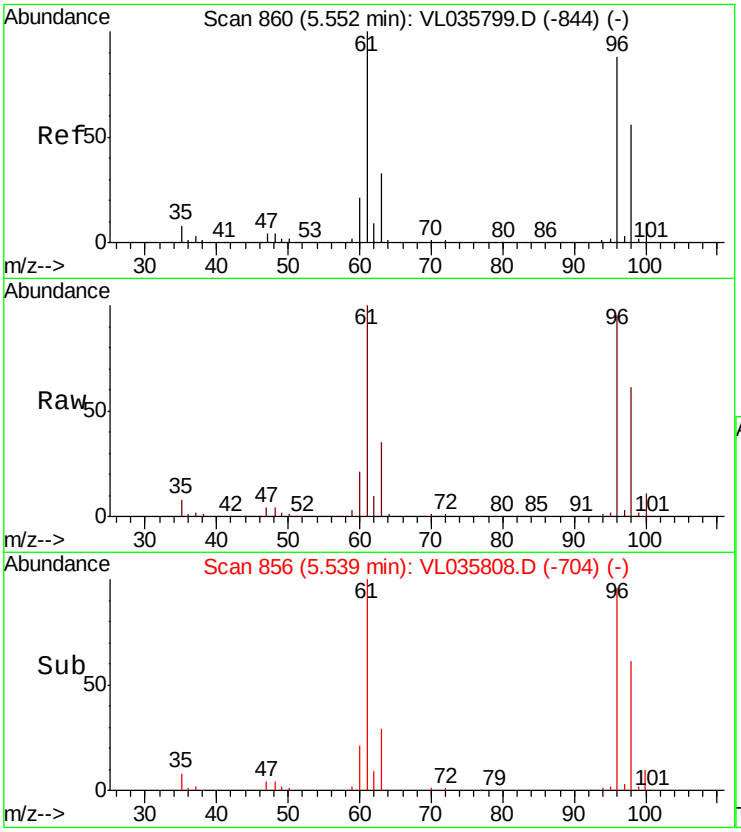


#30
Cyclohexane
Concen: 10.194 ppbv
RT: 7.12 min Scan# 1348
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Tgt Ion: 84 Resp: 1615318

Ion	Ratio	Lower	Upper
84	100		
56	98.4	86.4	129.6
41	44.6	42.1	63.1



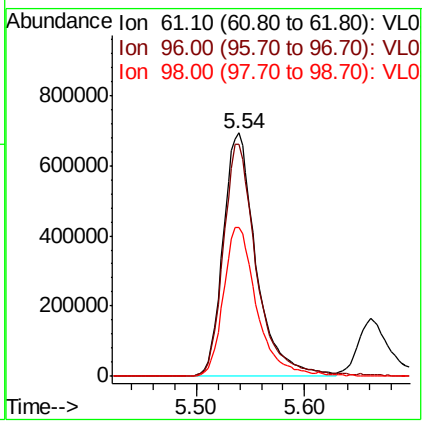


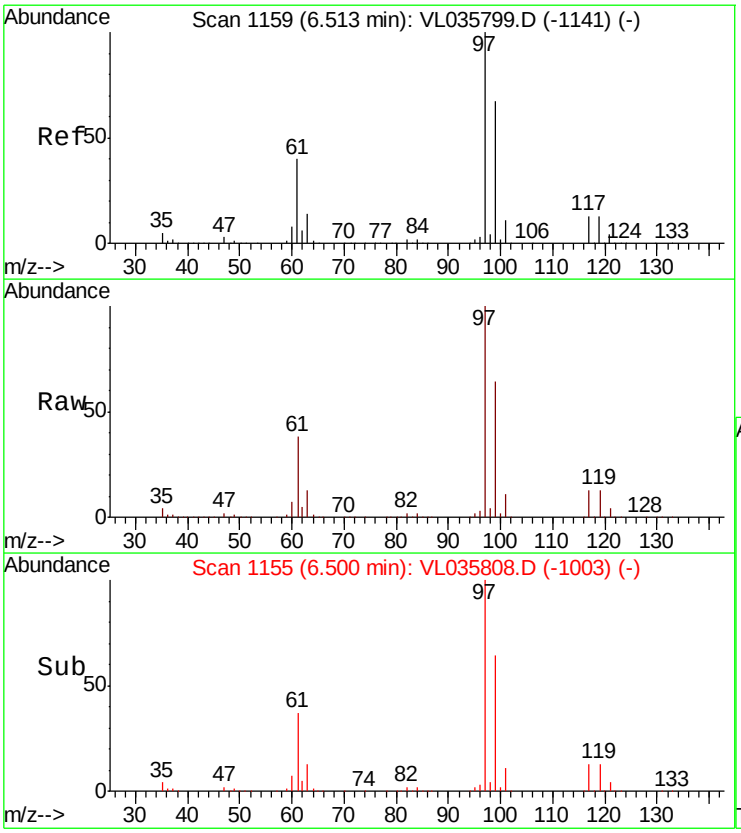
#31
cis-1,2-Dichloroethene
Concen: 9.855 ppbv
RT: 5.54 min Scan# 856
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 61 Resp: 1475072

Ion	Ratio	Lower	Upper
61	100		
96	95.1	70.3	105.5
98	60.9	45.0	67.6

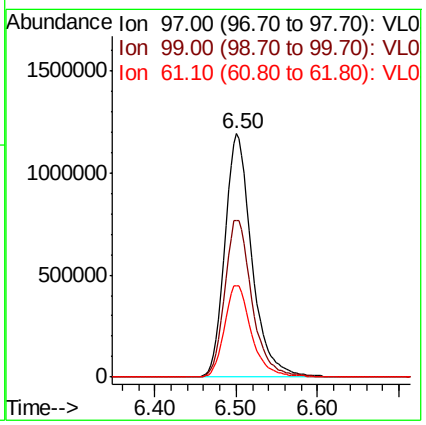


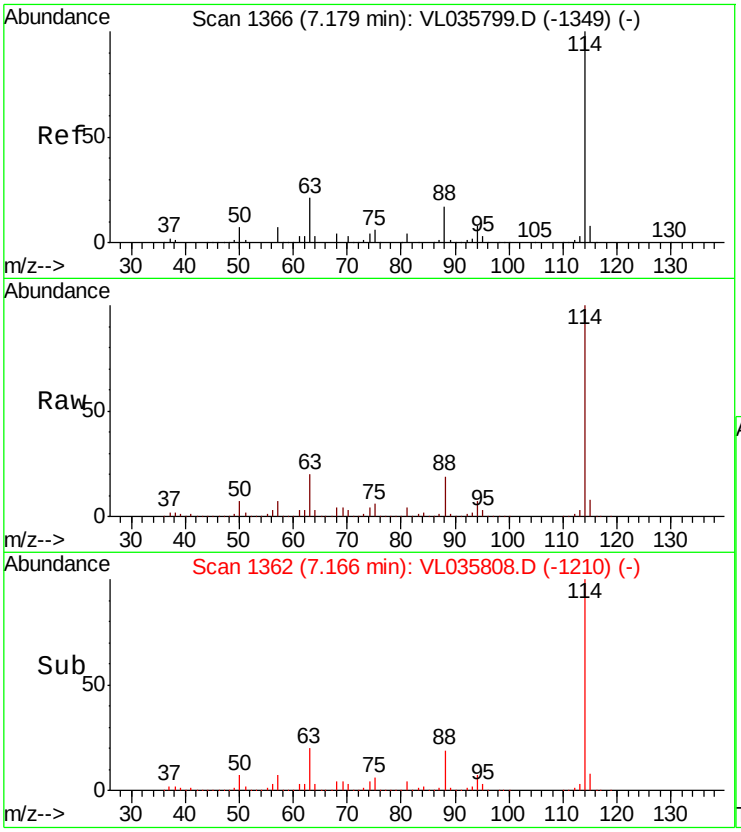


#32
1,1,1-Trichloroethane
Concen: 9.294 ppbv
RT: 6.50 min Scan# 1155
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Tgt Ion: 97 Resp: 2773413

Ion	Ratio	Lower	Upper
97	100		
99	65.6	52.3	78.5
61	38.0	32.0	48.0



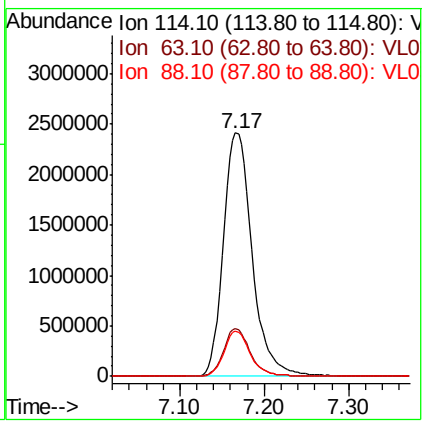


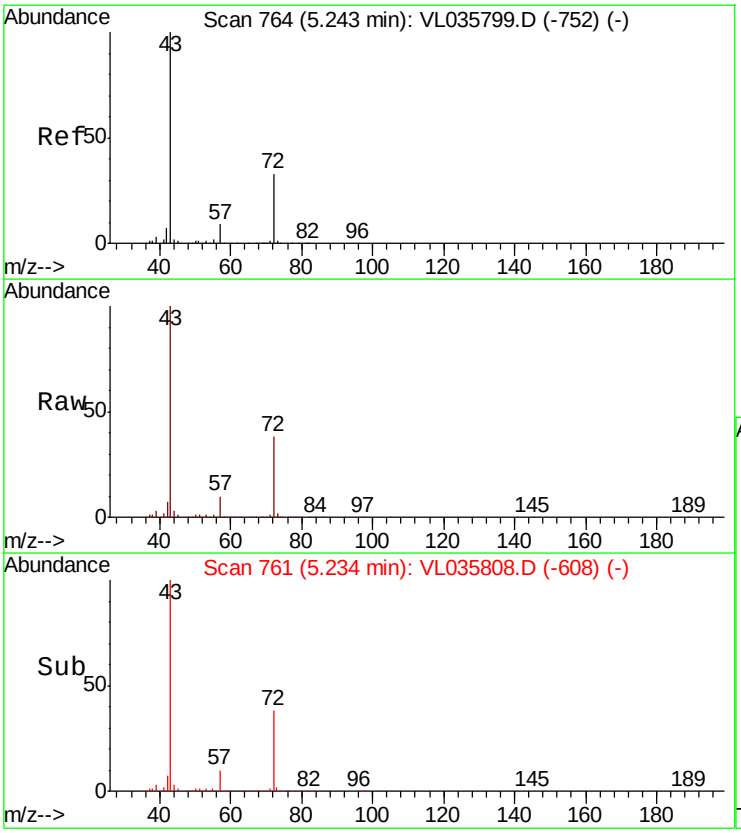
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 5730306

Ion	Ratio	Lower	Upper
114	100		
63	18.5	16.1	24.1
88	17.1	13.7	20.5

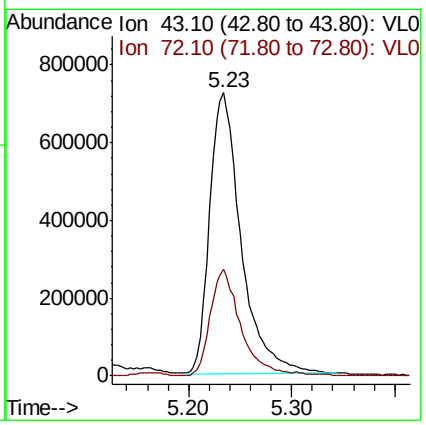


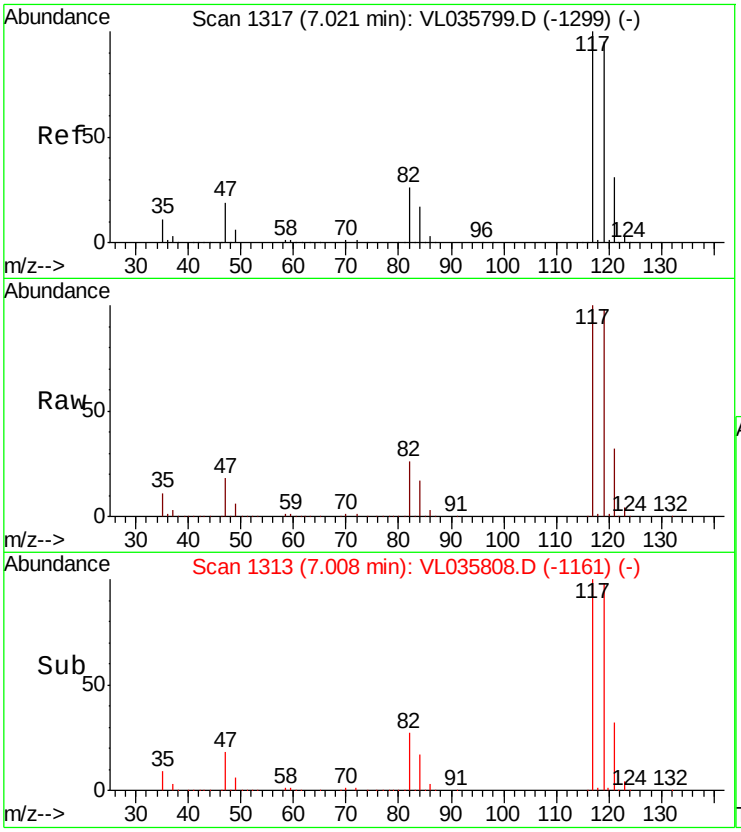


#34
2-Butanone
Concen: 8.244 ppbv
RT: 5.23 min Scan# 761
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Tgt Ion: 43 Resp: 1533220

Ion	Ratio	Lower	Upper
43	100		
72	37.4	26.5	39.7



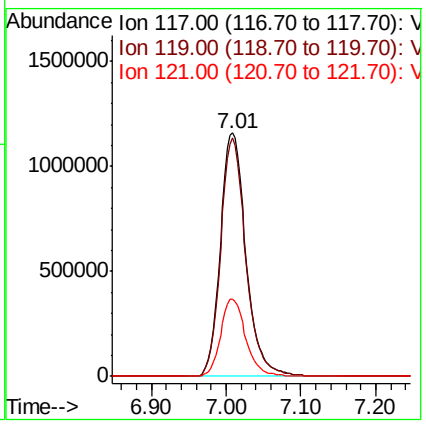


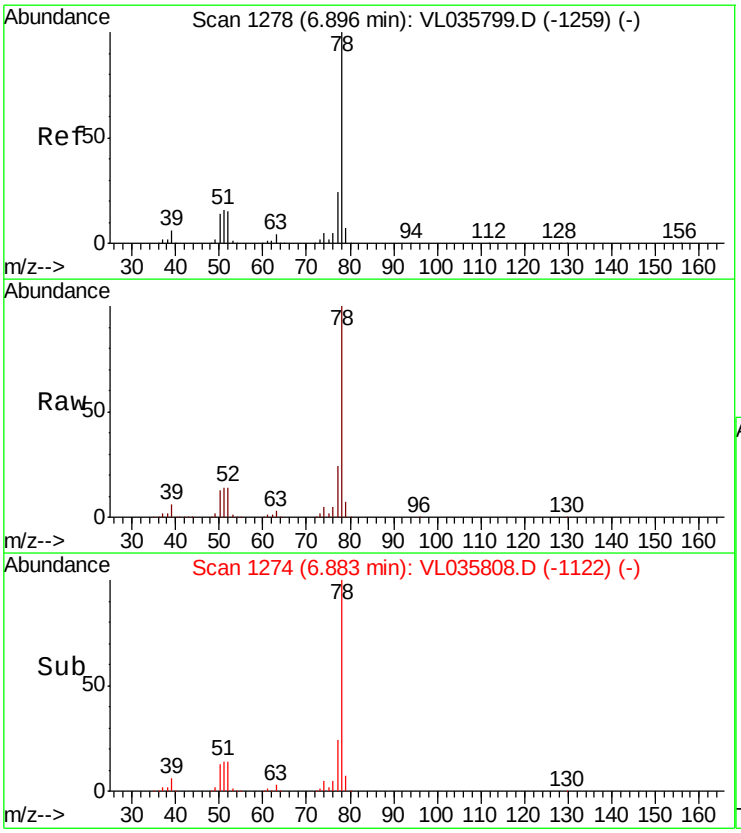
#35
Carbon Tetrachloride
Concen: 8.954 ppbv
RT: 7.01 min Scan# 1313
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2741313

Ion	Ratio	Lower	Upper
117	100		
119	97.7	75.6	113.4
121	31.9	25.1	37.7

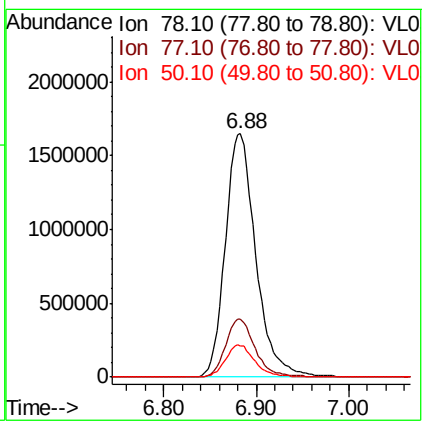


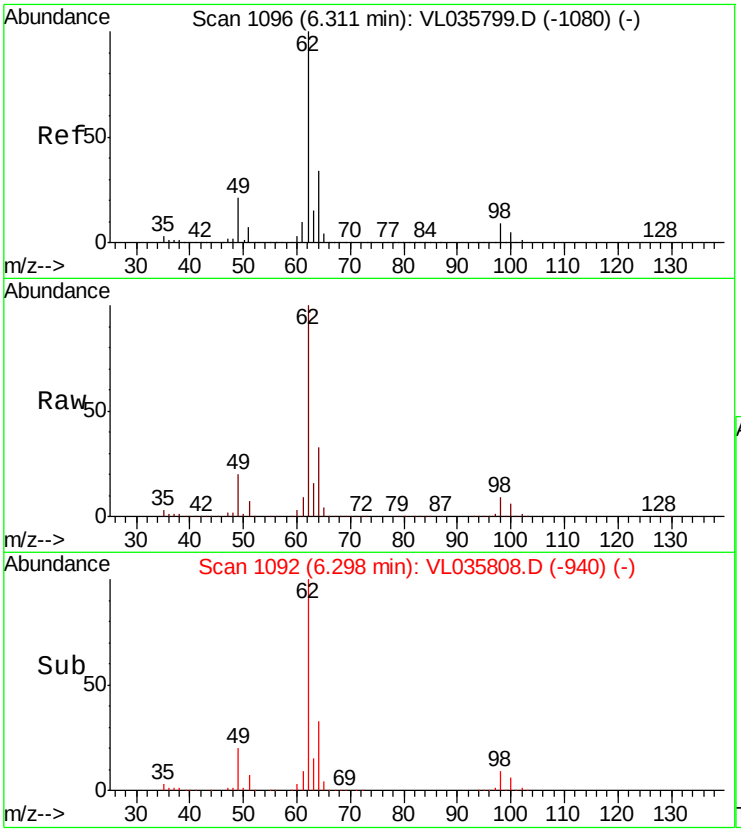


#36
Benzene
Concen: 8.823 ppbv
RT: 6.88 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Tgt Ion: 78 Resp: 3758745

Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.3	28.9
50	13.0	11.4	17.2



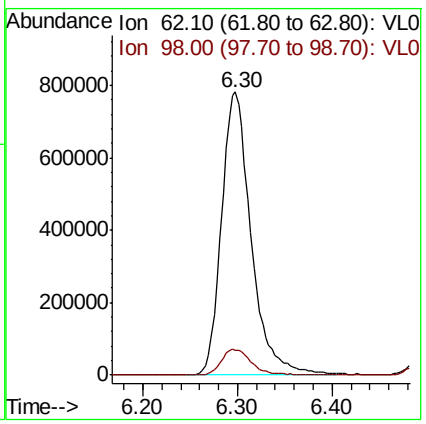


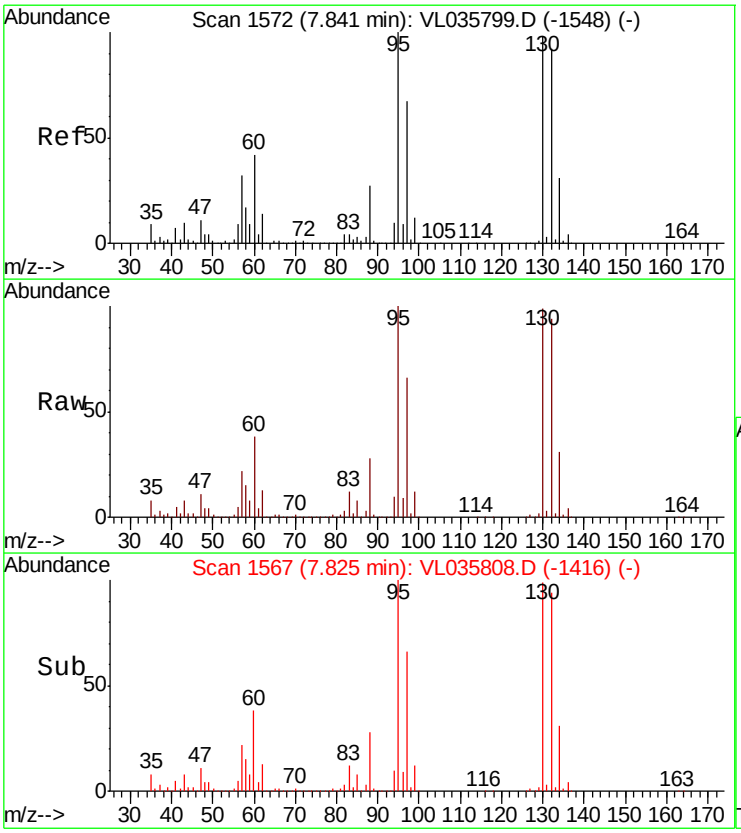
#37
1,2-Dichloroethane
Concen: 8.812 ppbv
RT: 6.30 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 62 Resp: 1700699

Ion	Ratio	Lower	Upper
62	100		
98	9.6	6.9	10.3

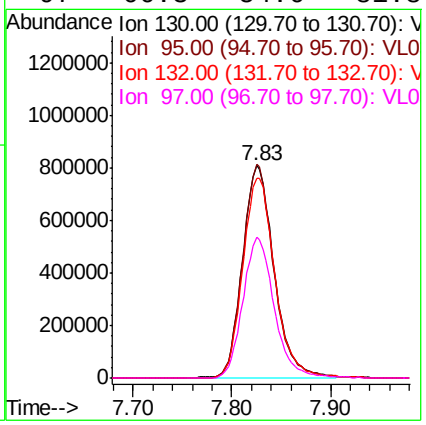


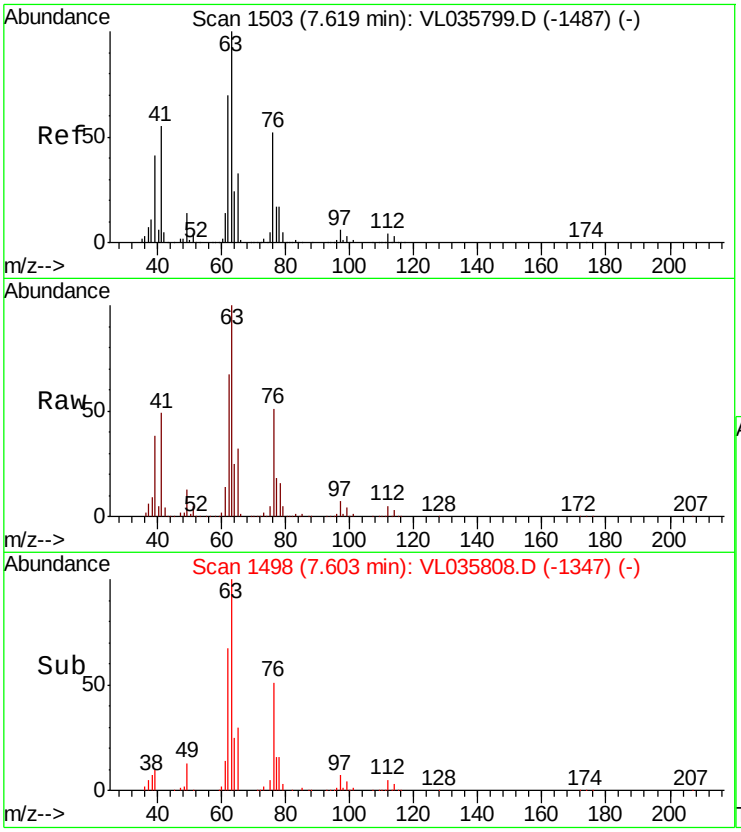


#38
Trichloroethene
Concen: 8.562 ppbv
RT: 7.83 min Scan# 1567
Delta R.T. -0.02 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Tgt Ion:130 Resp: 1781575

Ion	Ratio	Lower	Upper
130	100		
95	100.8	81.6	122.4
132	94.3	75.1	112.7
97	66.3	54.6	81.8



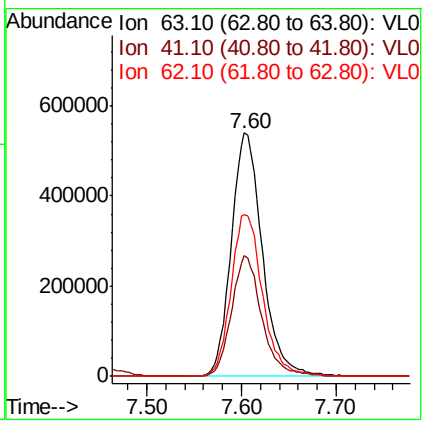


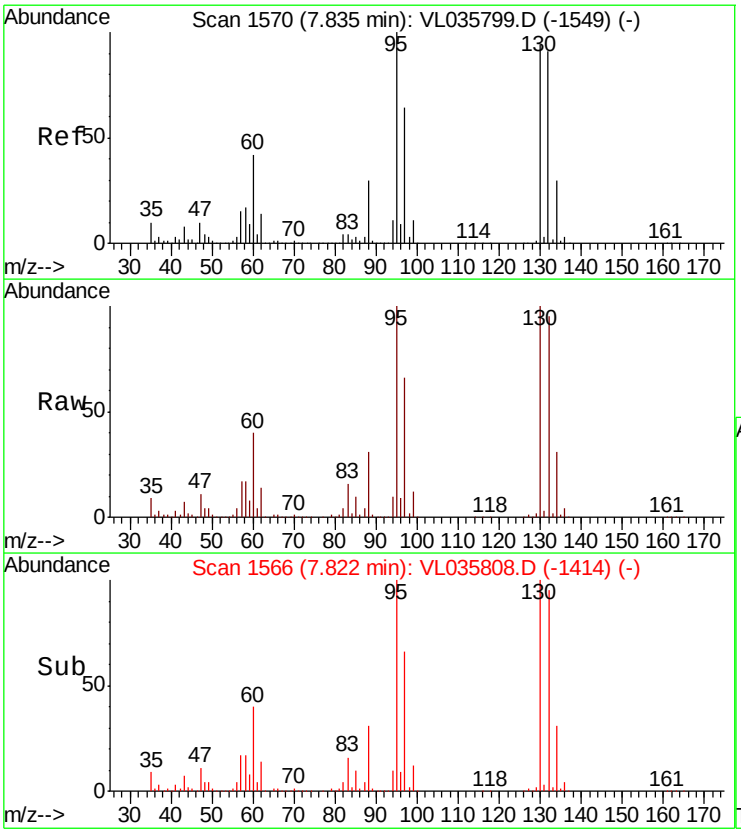
#39
1,2-Dichloropropane
Concen: 8.582 ppbv
RT: 7.60 min Scan# 1498
Delta R.T. -0.02 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 1230941

Ion	Ratio	Lower	Upper
63	100		
41	49.2	43.8	65.6
62	66.6	56.2	84.2

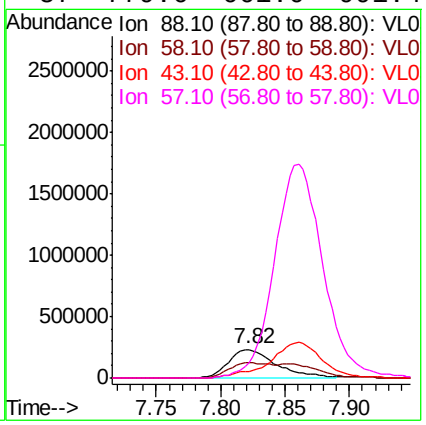


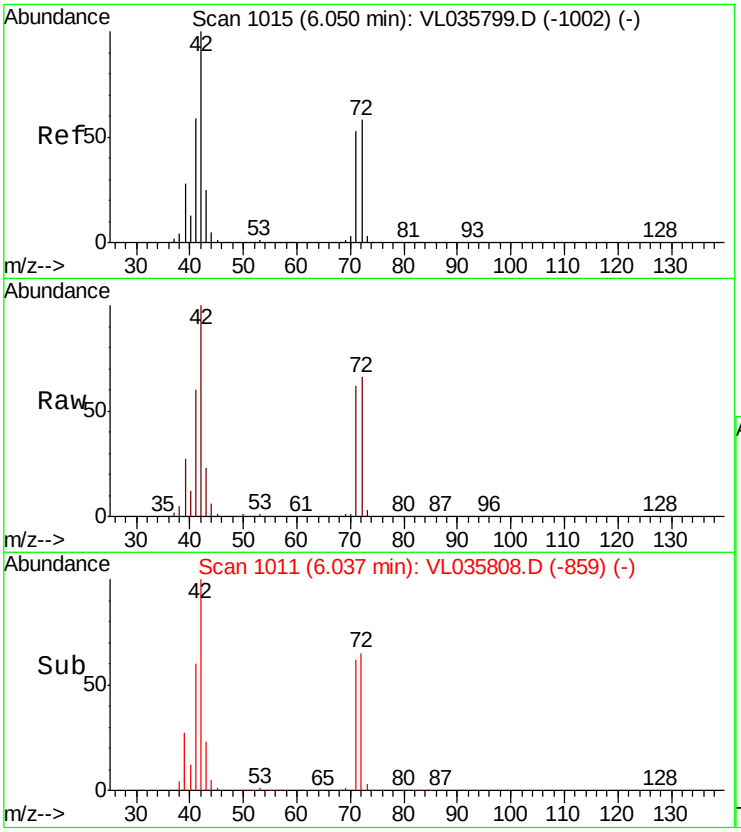


#40
1,4-Dioxane
Concen: 8.682 ppbv
RT: 7.82 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Tgt Ion: 88 Resp: 590188

Ion	Ratio	Lower	Upper
88	100		
58	90.7	76.2	114.2
43	138.4	123.1	184.7
57	779.6	661.0	991.4



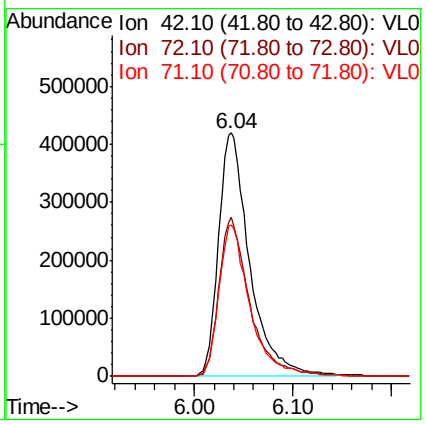


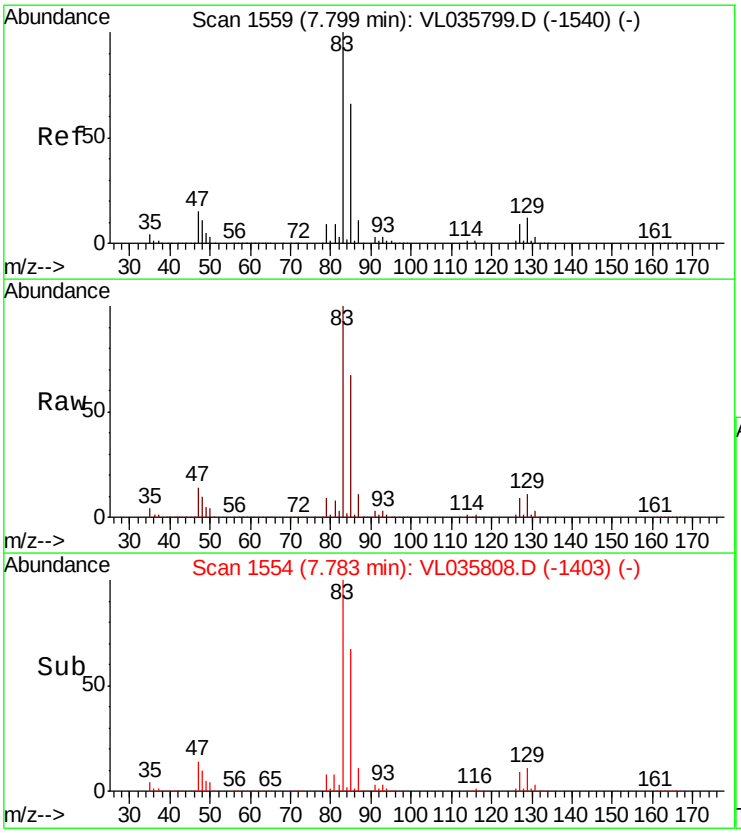
#41
Tetrahydrofuran
Concen: 8.805 ppbv
RT: 6.04 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 42 Resp: 930345

Ion	Ratio	Lower	Upper
42	100		
72	64.9	45.4	68.0
71	62.2	43.4	65.2

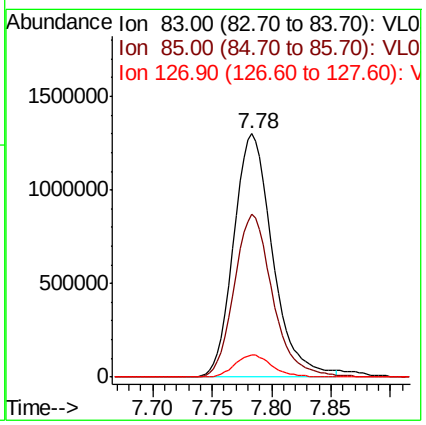


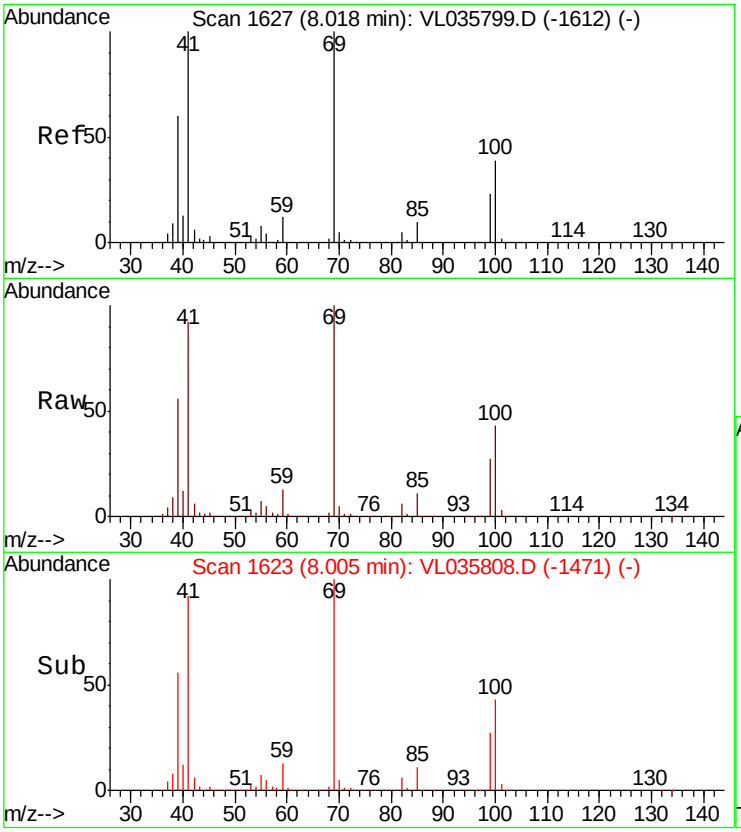


#42
Bromodichloromethane
Concen: 9.084 ppbv
RT: 7.78 min Scan# 1554
Delta R.T. -0.02 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Tgt Ion: 83 Resp: 2958312

Ion	Ratio	Lower	Upper
83	100		
85	66.7	53.1	79.7
127	9.2	7.3	10.9



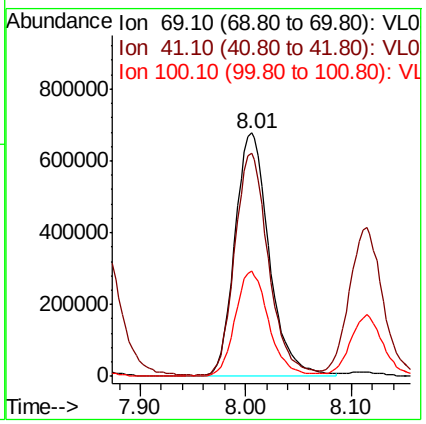


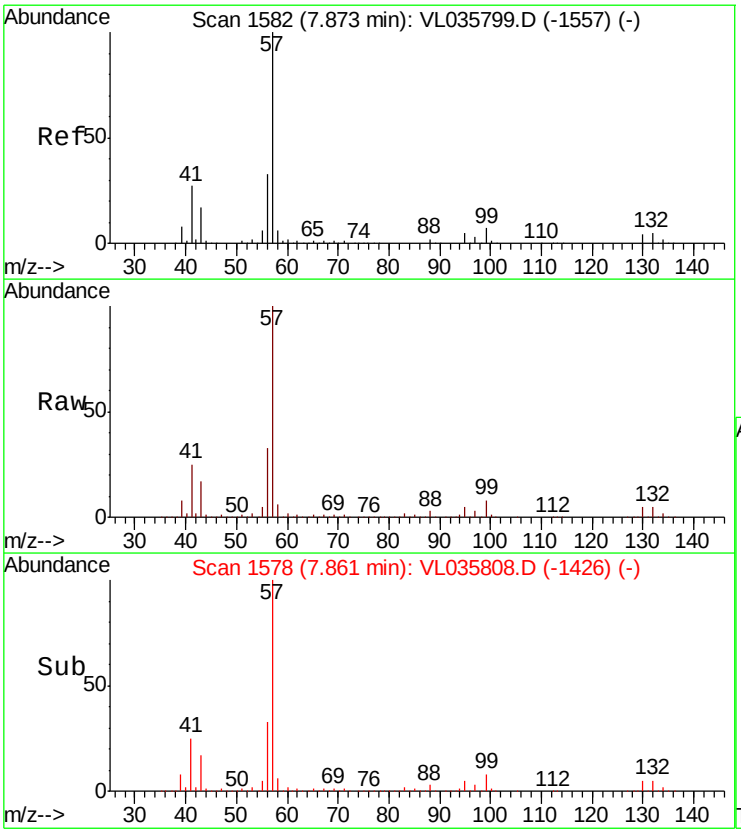
#43
Methyl Methacrylate
Concen: 9.434 ppbv
RT: 8.01 min Scan# 1623
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 69 Resp: 1532909

Ion	Ratio	Lower	Upper
69	100		
41	90.9	81.1	121.7
100	42.4	31.0	46.4

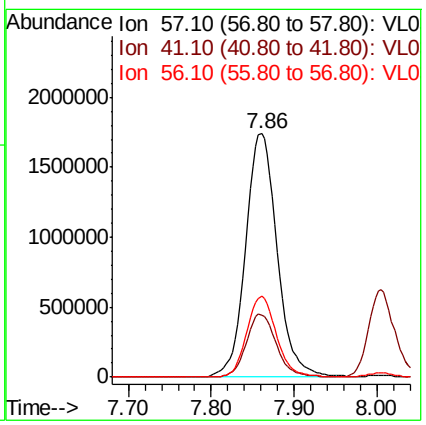


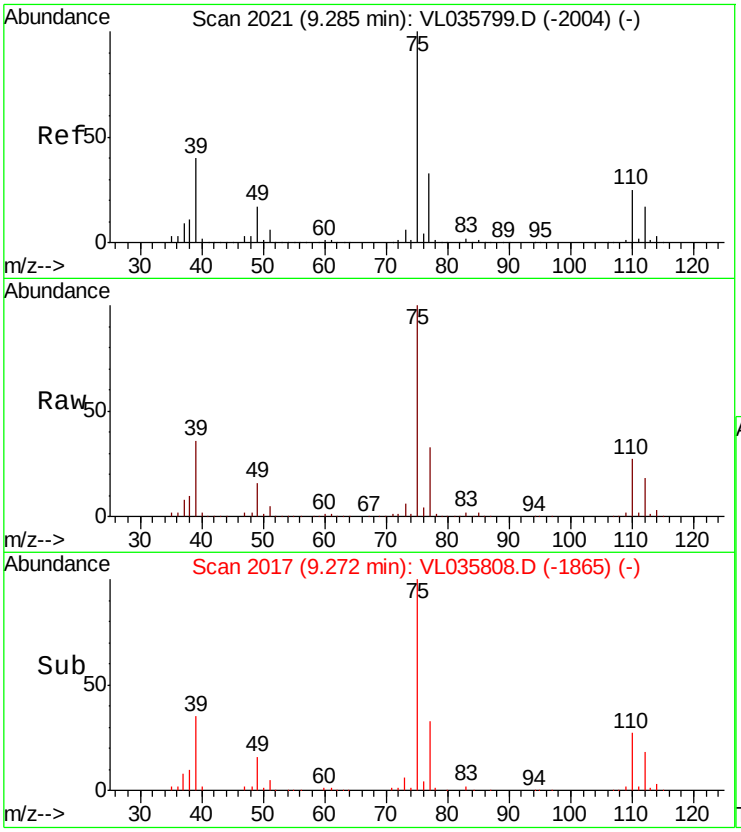


#44
2,2,4-Trimethylpentane
Concen: 8.143 ppbv
RT: 7.86 min Scan# 1578
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Tgt Ion: 57 Resp: 4590317

Ion	Ratio	Lower	Upper
57	100		
41	24.7	21.0	31.4
56	31.4	25.4	38.0



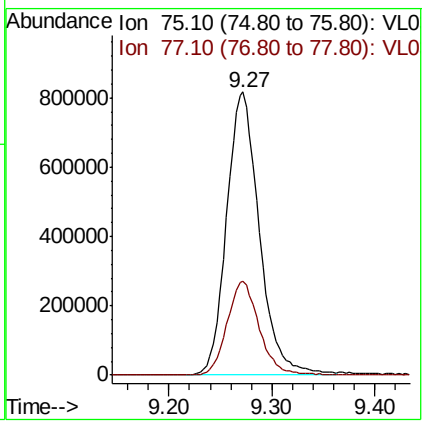


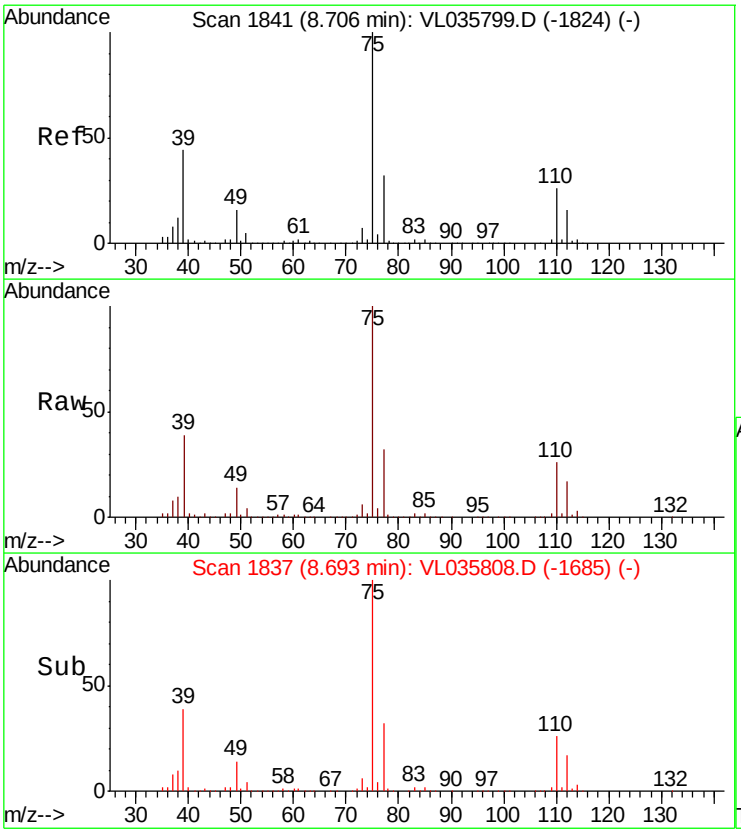
#45
t-1,3-Dichloropropene
Concen: 10.467 ppbv
RT: 9.27 min Scan# 2017
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 75 Resp: 1802970

Ion	Ratio	Lower	Upper
75	100		
77	33.3	26.4	39.6

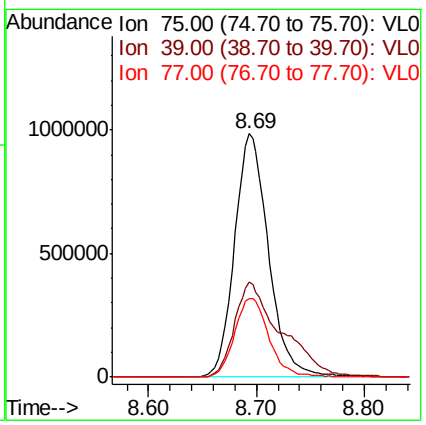


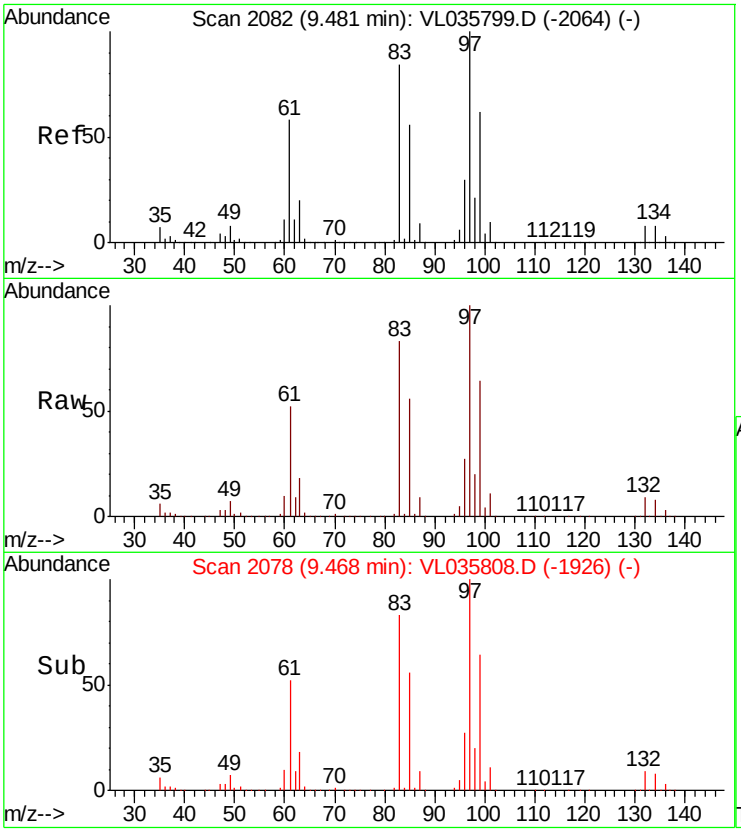


#46
cis-1,3-Dichloropropene
Concen: 9.860 ppbv
RT: 8.69 min Scan# 1837
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Tgt Ion: 75 Resp: 2150913

Ion	Ratio	Lower	Upper
75	100		
39	39.0	35.1	52.7
77	32.4	25.7	38.5



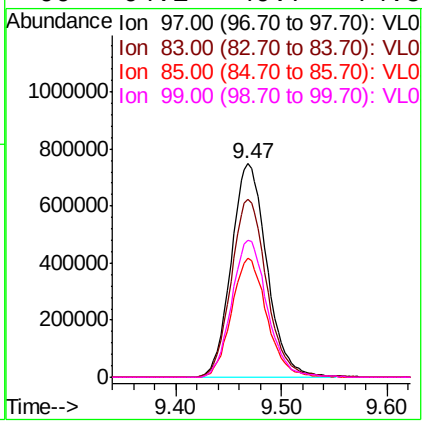


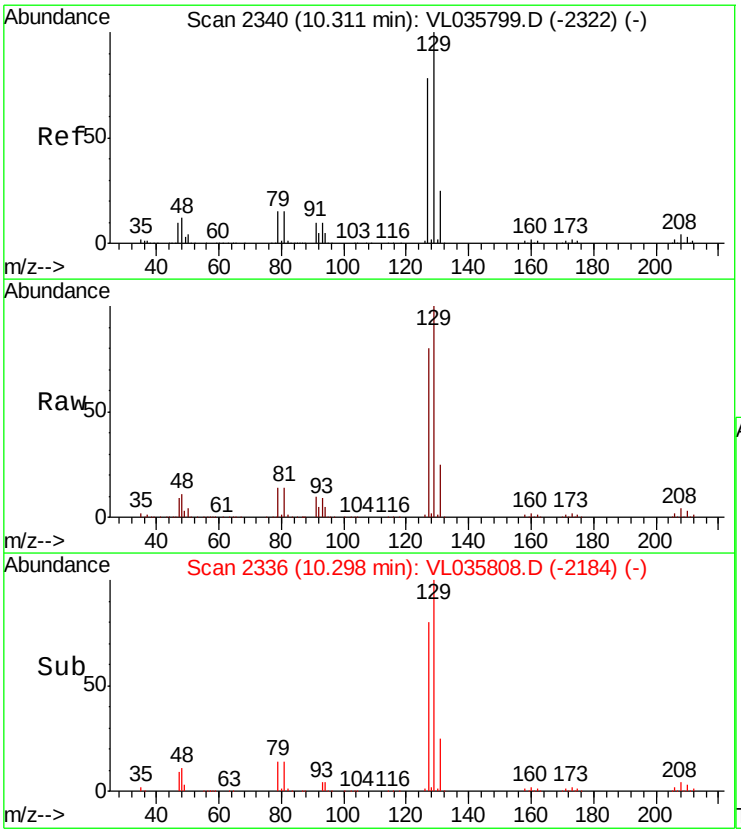
#47
1,1,2-Trichloroethane
Concen: 8.986 ppbv
RT: 9.47 min Scan# 2078
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 97 Resp: 1756163

Ion	Ratio	Lower	Upper
97	100		
83	83.4	67.1	100.7
85	55.7	44.7	67.1
99	64.1	49.7	74.5

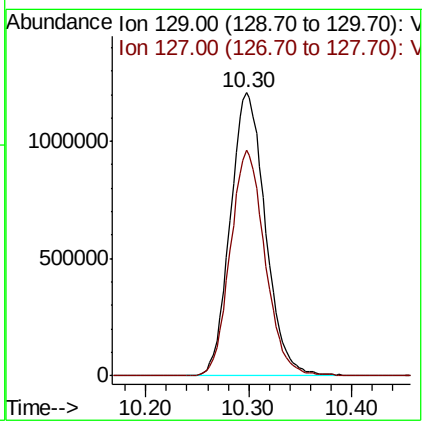


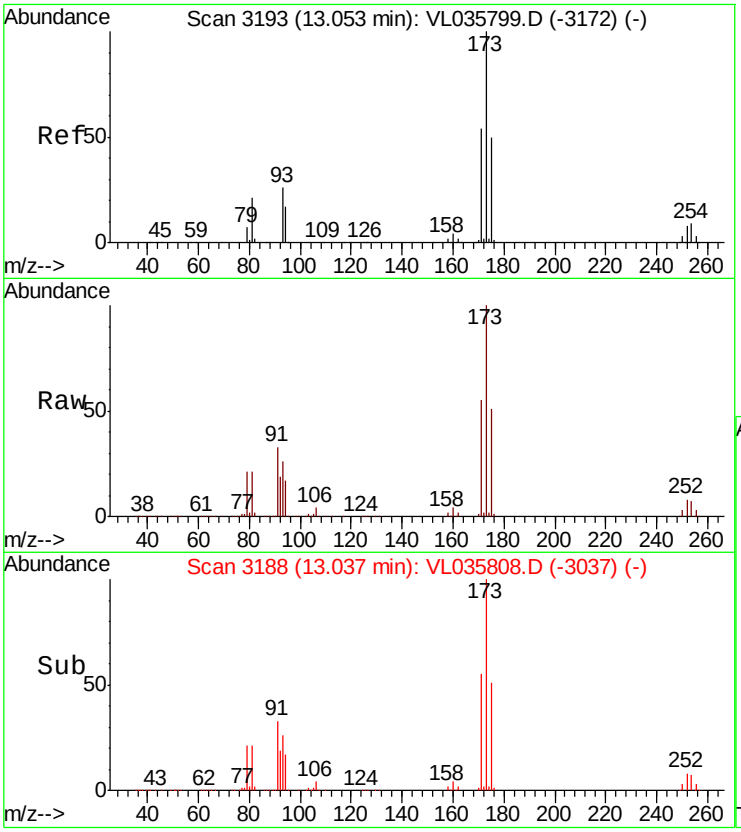


#48
Dibromochloromethane
Concen: 9.600 ppbv
RT: 10.30 min Scan# 2336
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Tgt Ion:129 Resp: 2866376

Ion	Ratio	Lower	Upper
129	100		
127	78.9	39.2	117.6



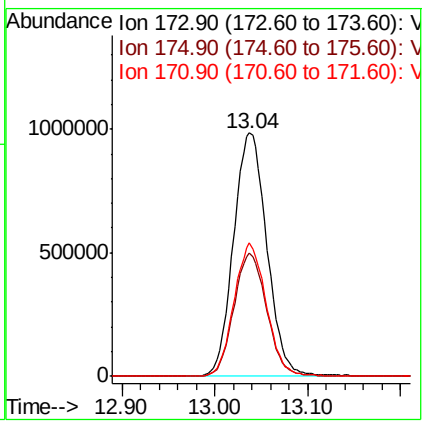


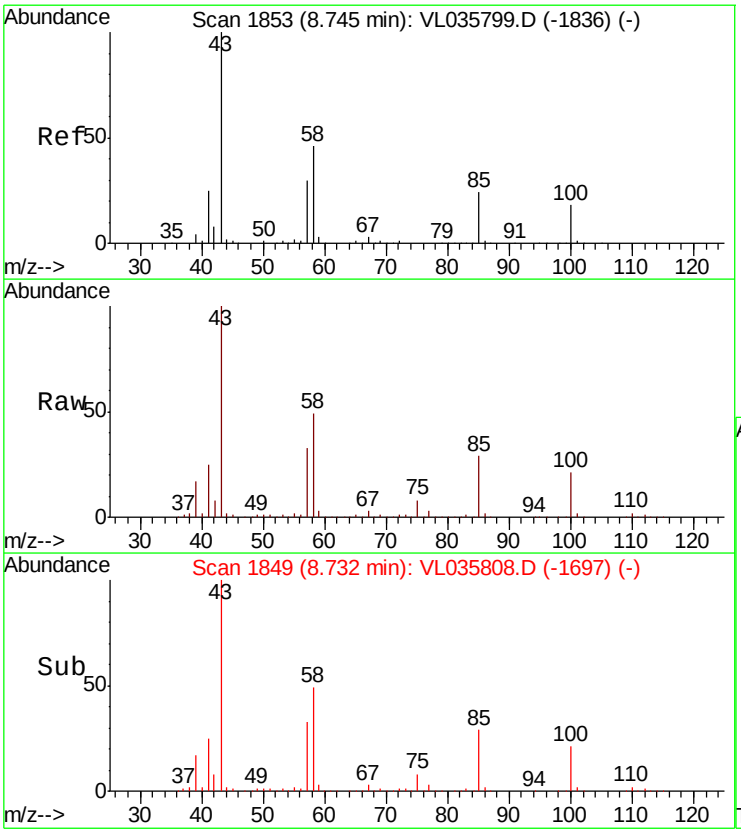
#49
Bromoform
Concen: 9.757 ppbv
RT: 13.04 min Scan# 3188
Delta R.T. -0.02 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:173 Resp: 2458137

Ion	Ratio	Lower	Upper
173	100		
175	50.1	40.1	60.1
171	53.2	42.6	63.8

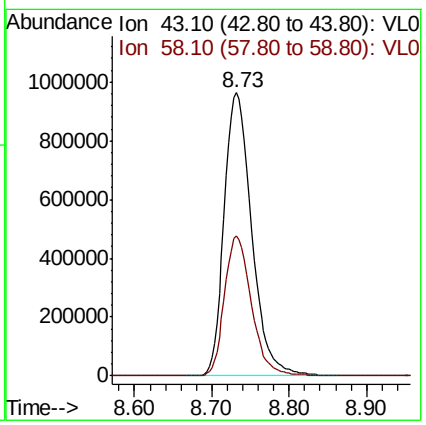


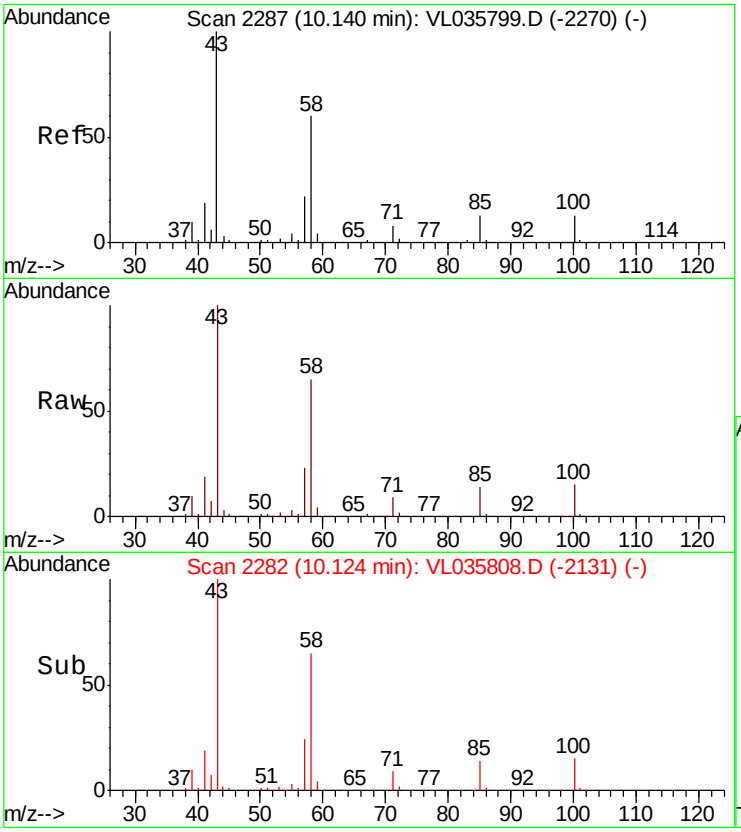


#50
4-Methyl-2-Pentanone
Concen: 8.345 ppbv
RT: 8.73 min Scan# 1849
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Tgt Ion: 43 Resp: 2373108

Ion	Ratio	Lower	Upper
43	100		
58	48.6	36.0	54.0



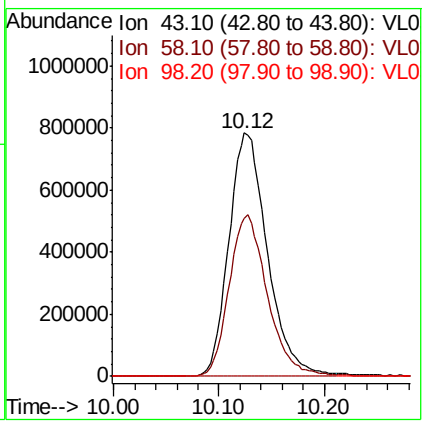


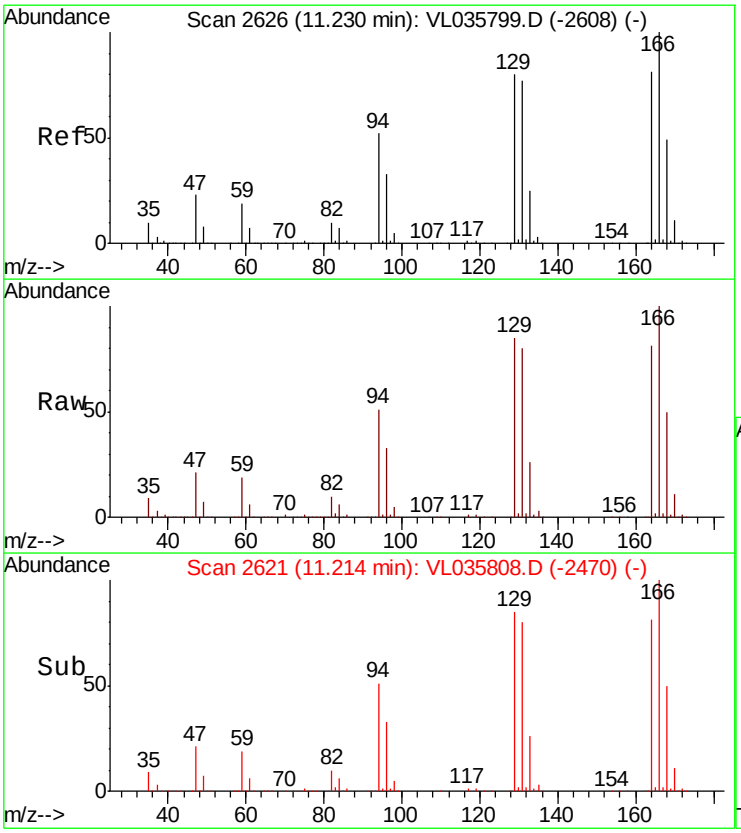
#51
2-Hexanone
Concen: 8.694 ppbv
RT: 10.12 min Scan# 2282
Delta R.T. -0.02 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 1986167

Ion	Ratio	Lower	Upper
43	100		
58	66.2	48.3	72.5
98	0.2	0.6	0.8#

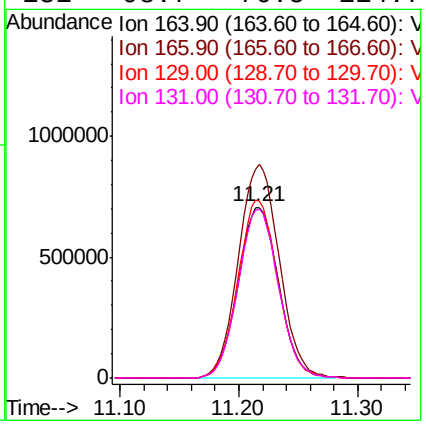


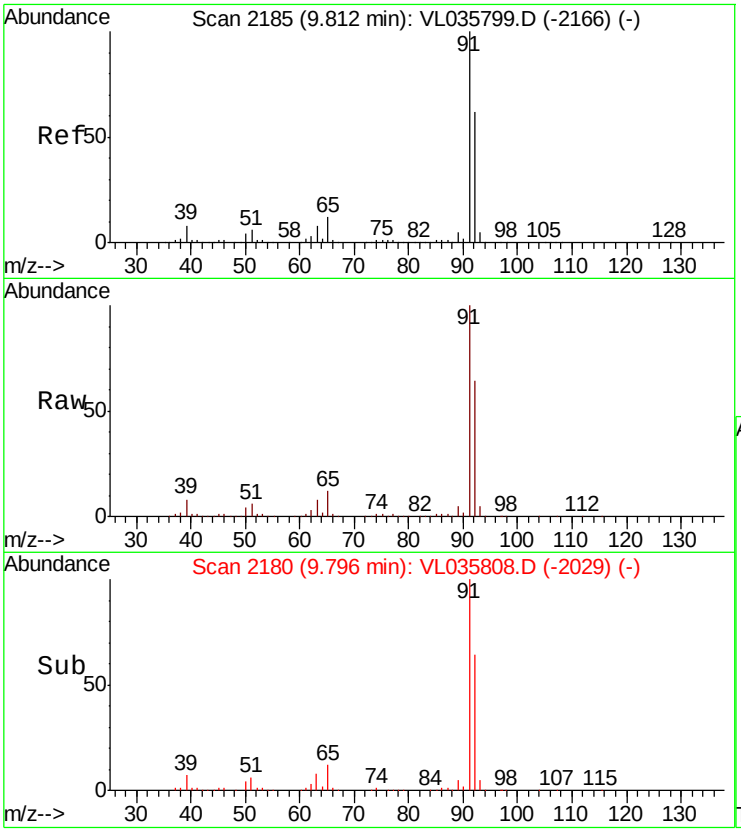


#52
Tetrachloroethene
Concen: 8.256 ppbv
RT: 11.21 min Scan# 2621
Delta R.T. -0.02 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Tgt Ion:164 Resp: 1666309

Ion	Ratio	Lower	Upper
164	100		
166	122.8	99.3	148.9
129	104.1	79.3	118.9
131	98.7	76.5	114.7



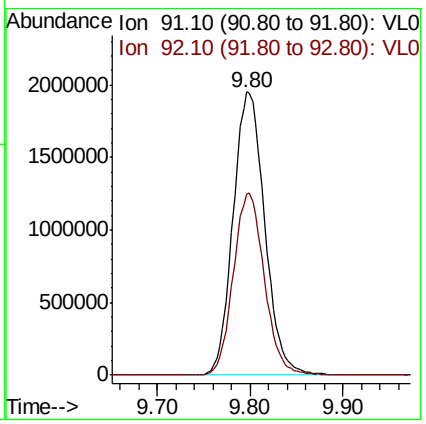


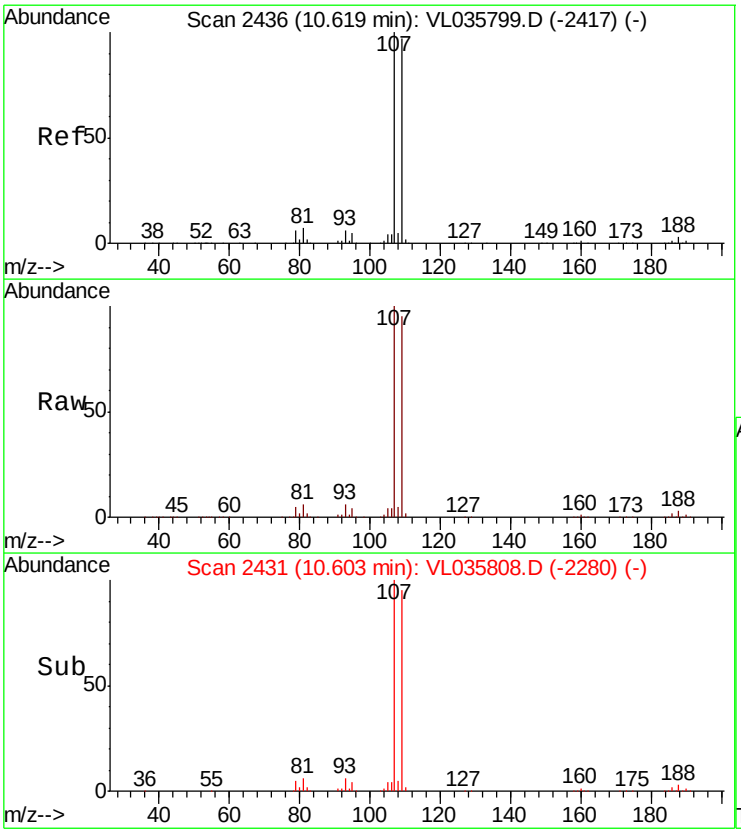
#53
Toluene
Concen: 8.992 ppbv
RT: 9.80 min Scan# 2180
Delta R.T. -0.02 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 4622022

Ion	Ratio	Lower	Upper
91	100		
92	63.2	49.8	74.6

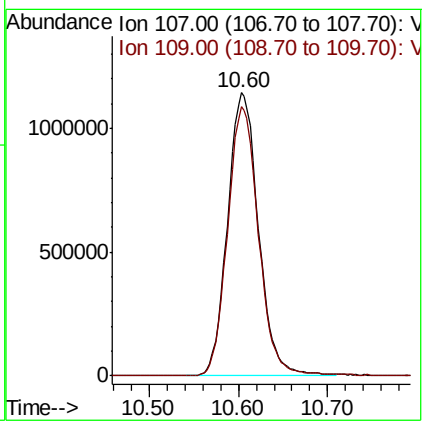


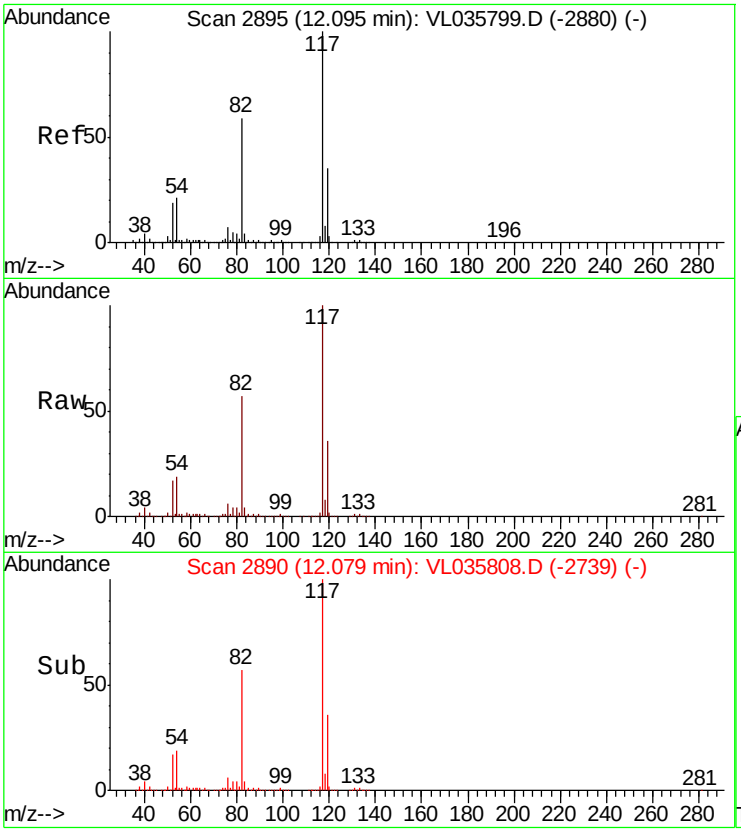


#54
1,2-Dibromoethane
Concen: 9.243 ppbv
RT: 10.60 min Scan# 2431
Delta R.T. -0.02 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Tgt Ion:107 Resp: 2747040

Ion	Ratio	Lower	Upper
107	100		
109	95.2	77.2	115.8



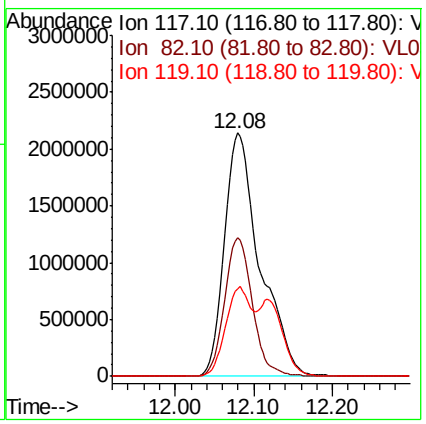


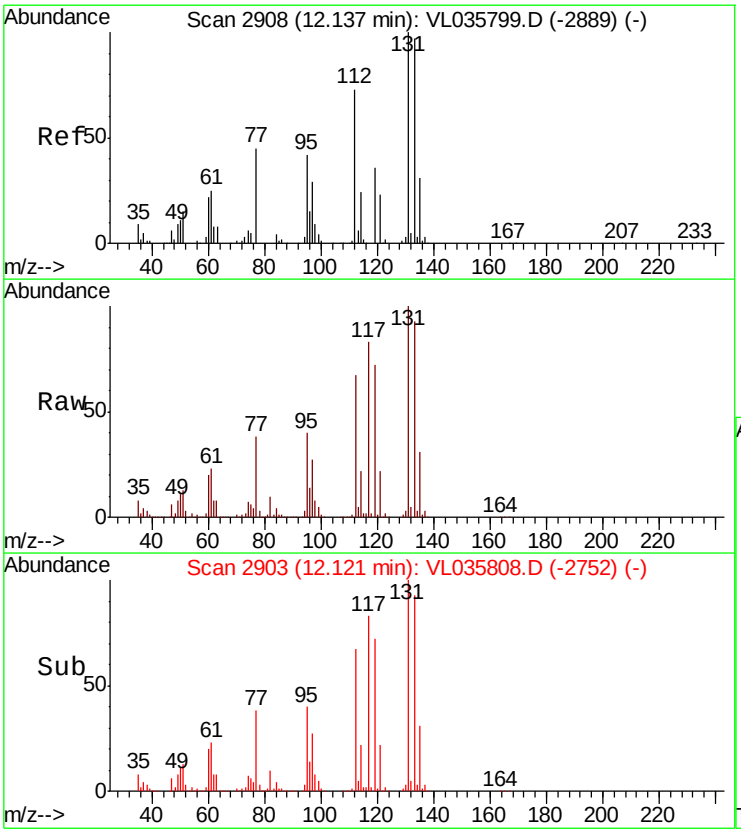
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2890
Delta R.T. -0.02 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 6718410

Ion	Ratio	Lower	Upper
117	100		
82	44.7	50.6	76.0#
119	28.6	52.6	78.8#

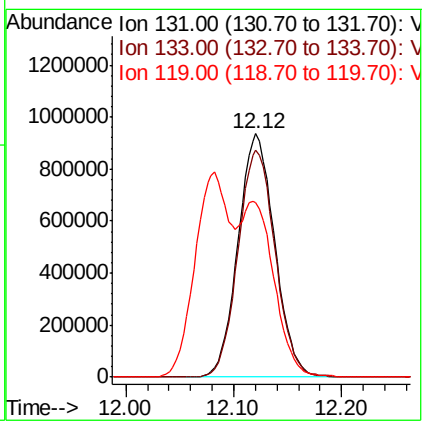


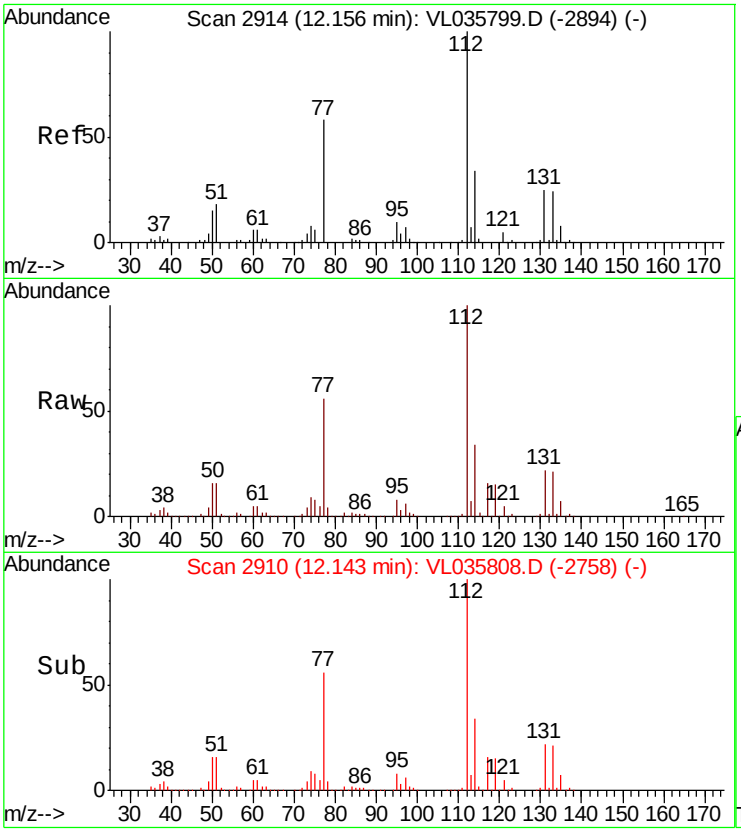


#56
1,1,1,2-Tetrachloroethane
Concen: 7.320 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. -0.02 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Tgt Ion:131 Resp: 2207408

Ion	Ratio	Lower	Upper
131	100		
133	94.9	76.8	115.2
119	62.5	47.4	71.0



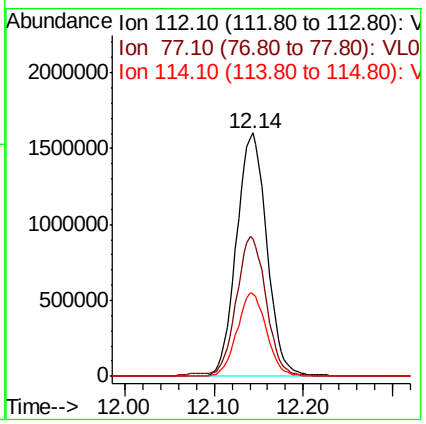


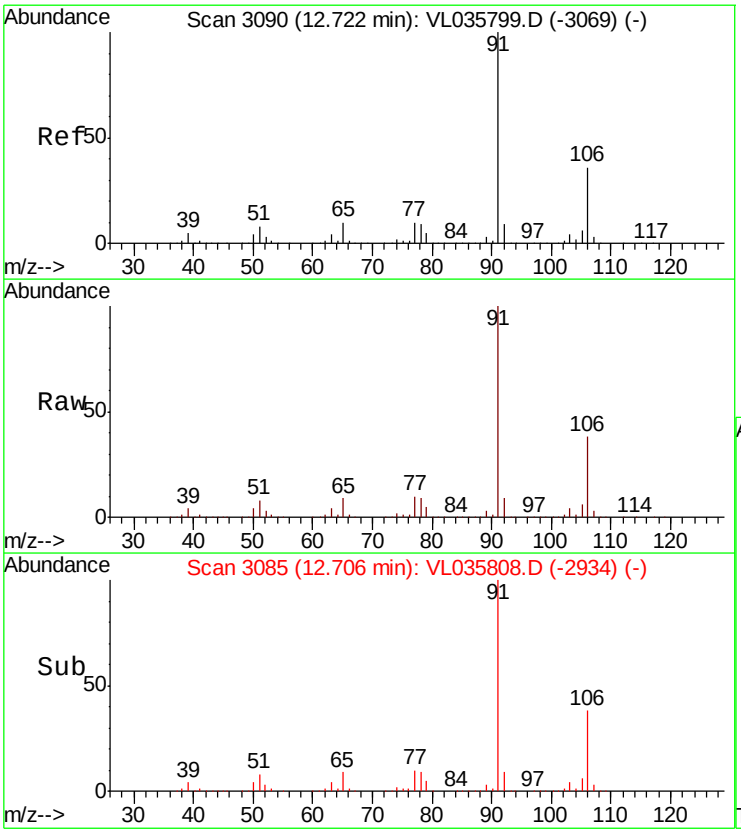
#57
Chlorobenzene
Concen: 7.086 ppbv
RT: 12.14 min Scan# 2910
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:112 Resp: 3785461

Ion	Ratio	Lower	Upper
112	100		
77	56.1	47.5	71.3
114	33.9	30.3	37.1

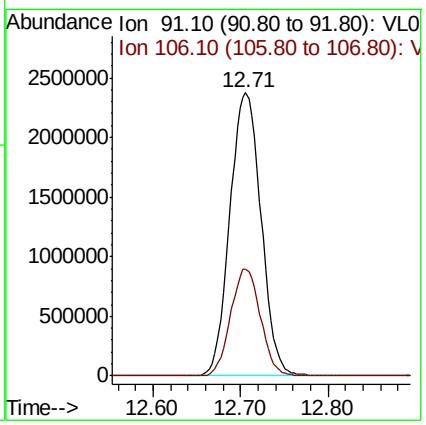


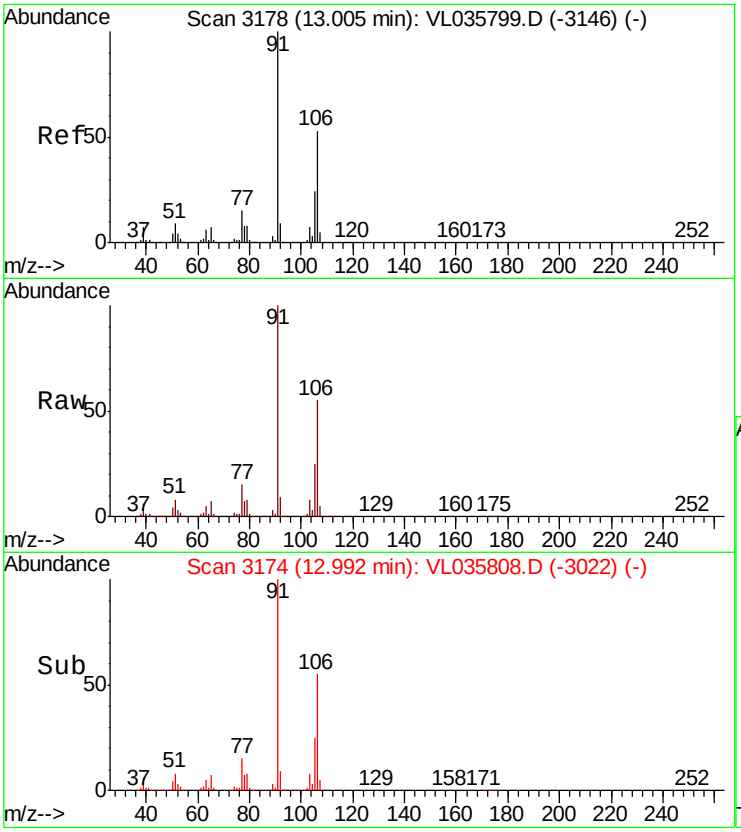


#58
Ethyl Benzene
Concen: 7.181 ppbv
RT: 12.71 min Scan# 3085
Delta R.T. -0.02 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Tgt Ion: 91 Resp: 5875721

Ion	Ratio	Lower	Upper
91	100		
106	37.6	28.6	43.0



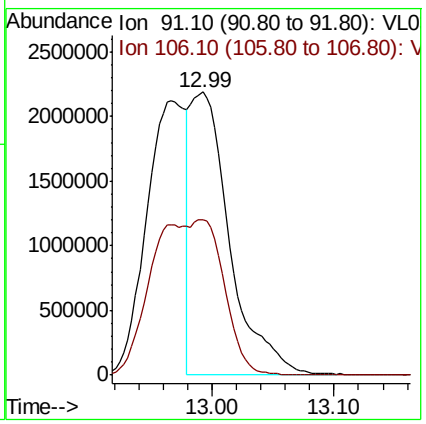


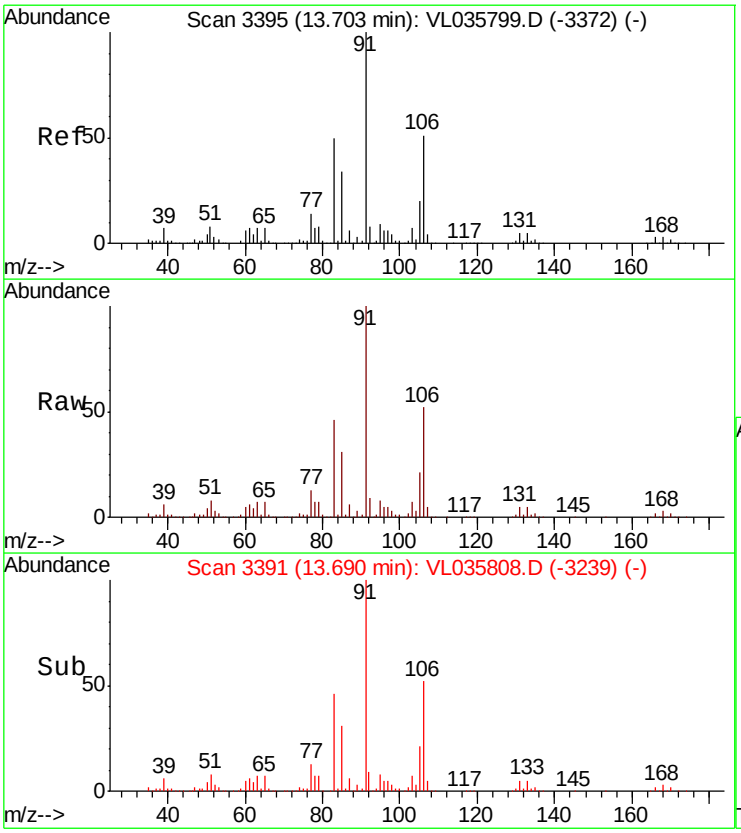
#59
m/p-Xylene
Concen: 6.959 ppbv
RT: 12.99 min Scan# 3174
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 4817364

Ion	Ratio	Lower	Upper
91	100		
106	102.7	39.5	59.3#

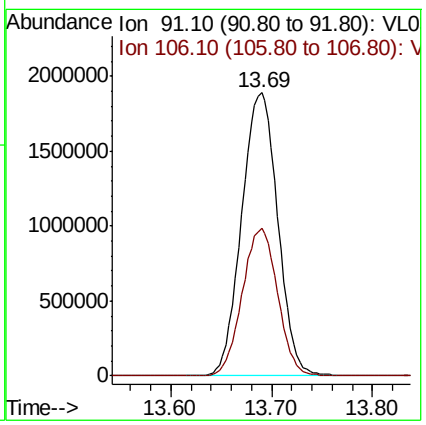


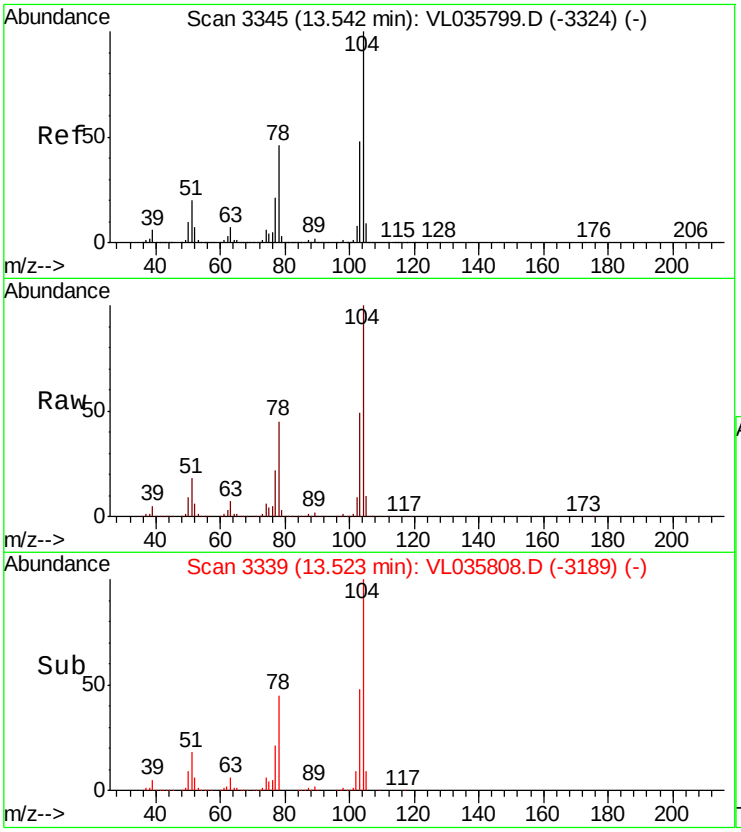


#60
o-Xylene
Concen: 6.956 ppbv
RT: 13.69 min Scan# 3391
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Tgt Ion: 91 Resp: 4684649

Ion	Ratio	Lower	Upper
91	100		
106	51.3	24.8	74.4



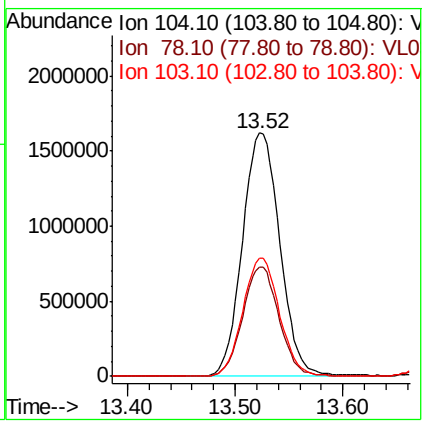


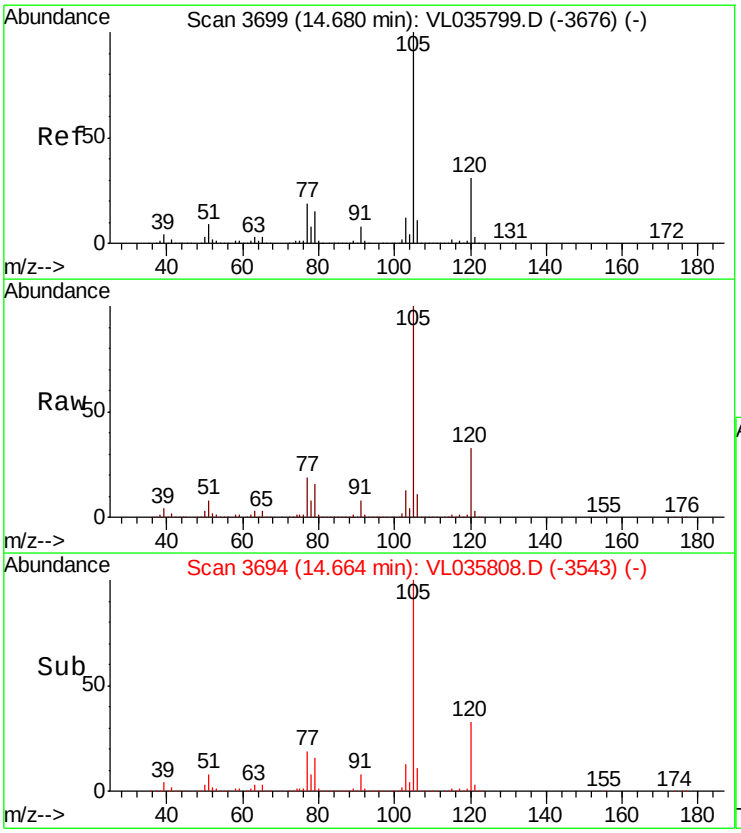
#61
Stvrene
Concen: 7.922 ppbv
RT: 13.52 min Scan# 3339
Delta R.T. -0.02 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:104 Resp: 3908977

Ion	Ratio	Lower	Upper
104	100		
78	43.8	37.1	55.7
103	47.8	37.9	56.9

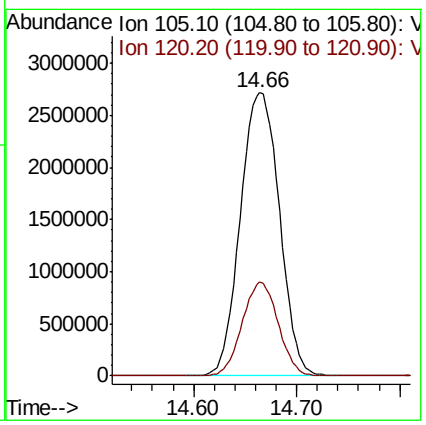


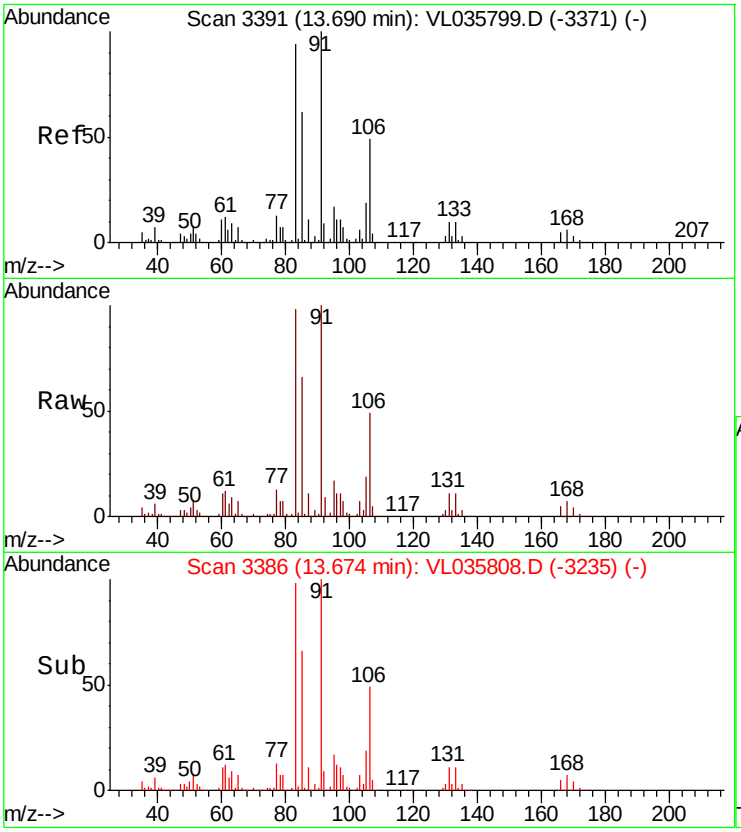


#62
Isopropylbenzene
Concen: 6.757 ppbv
RT: 14.66 min Scan# 3694
Delta R.T. -0.02 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Tgt Ion:105 Resp: 7152819

Ion	Ratio	Lower	Upper
105	100		
120	30.7	23.5	35.3



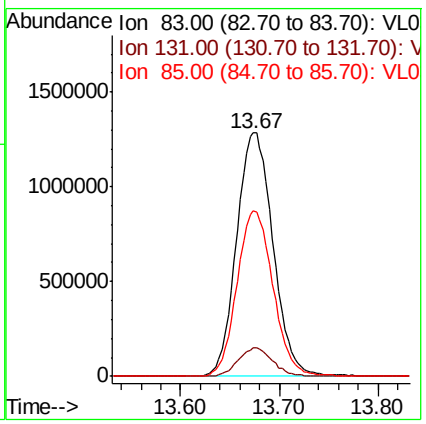


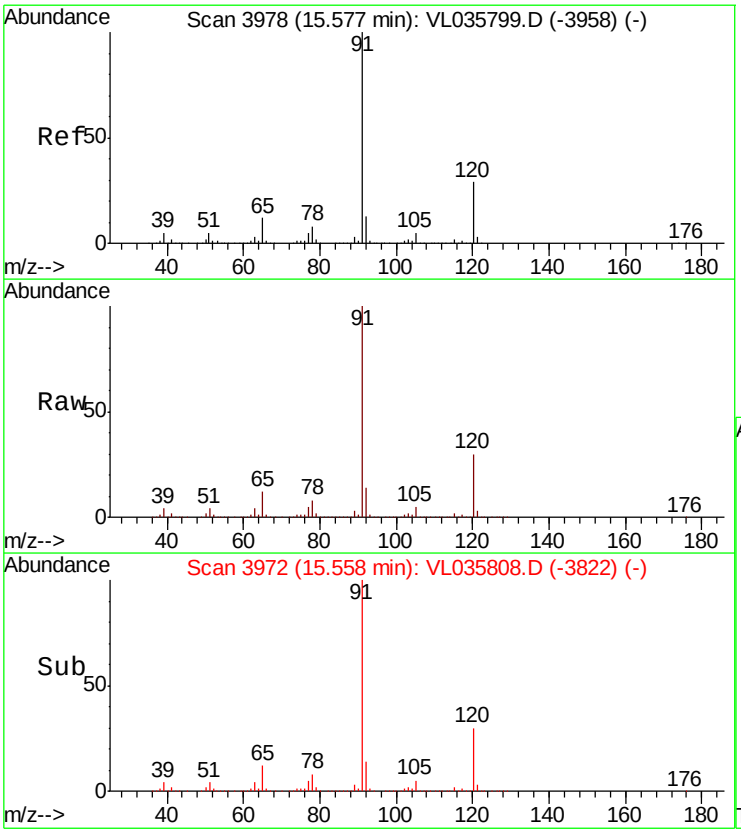
#63
1,1,2,2-Tetrachloroethane
Concen: 6.295 ppbv
RT: 13.67 min Scan# 3386
Delta R.T. -0.02 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 3284995

Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.3	15.8
85	67.5	33.5	100.4

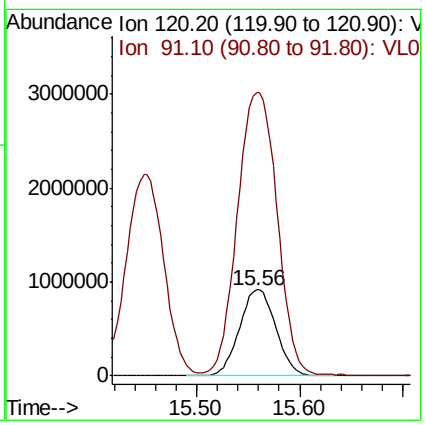


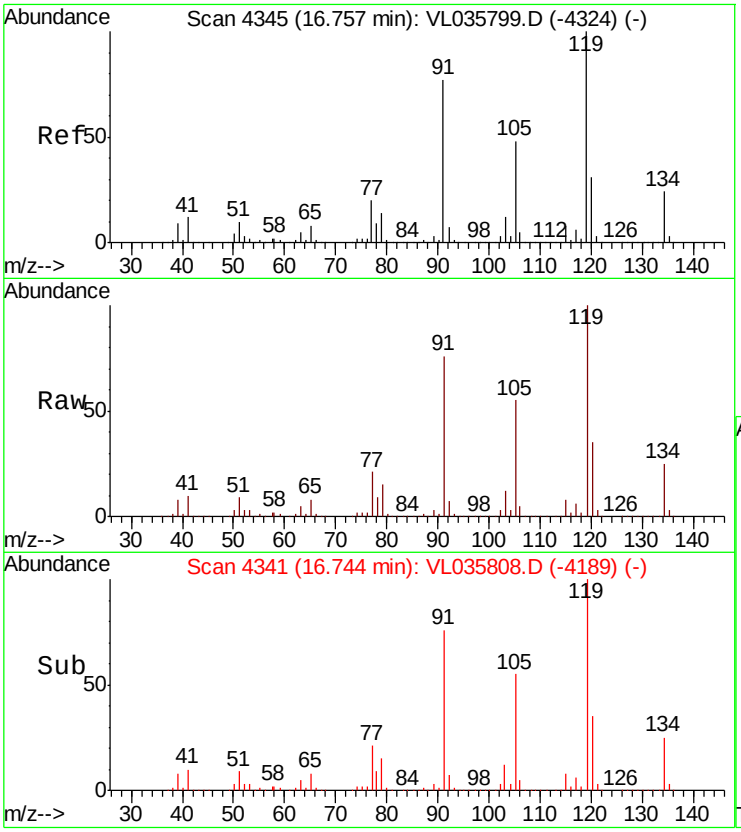


#64
n-propylbenzene
Concen: 7.334 ppbv
RT: 15.56 min Scan# 3972
Delta R.T. -0.02 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Tgt Ion:120 Resp: 2244017

Ion	Ratio	Lower	Upper
120	100		
91	361.9	311.1	466.7



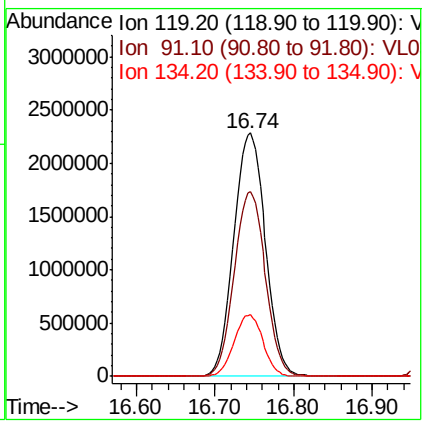


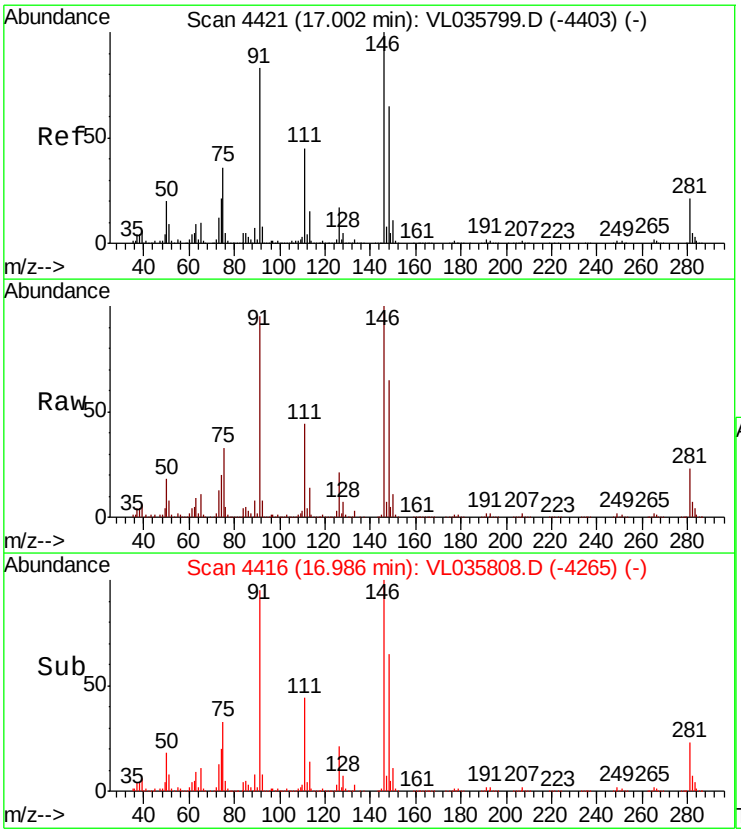
#65
tert-Butylbenzene
Concen: 6.680 ppbv
RT: 16.74 min Scan# 4341
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:119 Resp: 6436318

Ion	Ratio	Lower	Upper
119	100		
91	74.8	62.0	93.0
134	23.2	17.8	26.8

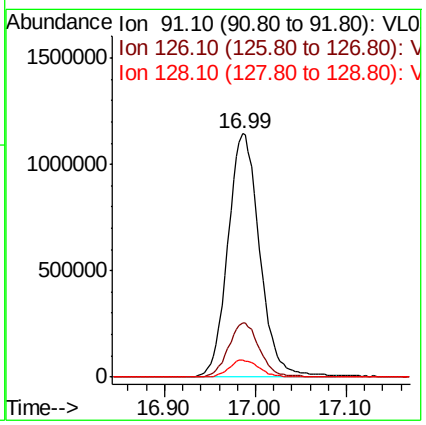


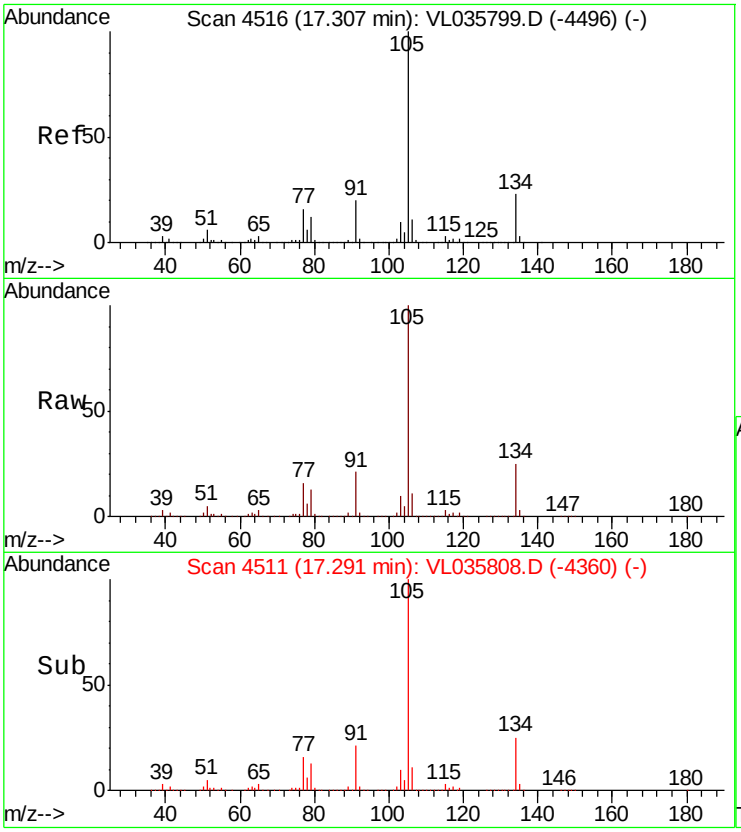


#66
Benzyl Chloride
Concen: 8.673 ppbv
RT: 16.99 min Scan# 4416
Delta R.T. -0.02 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Tgt Ion: 91 Resp: 2762160

Ion	Ratio	Lower	Upper
91	100		
126	22.0	16.0	24.0
128	7.0	5.0	7.4



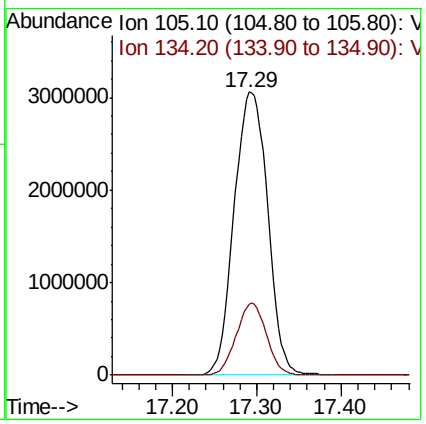


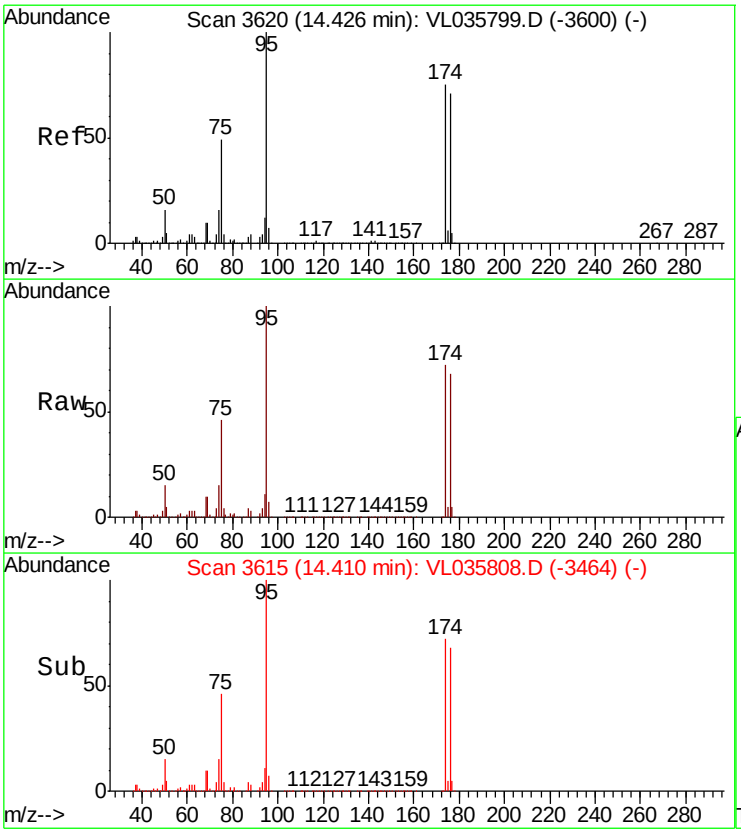
#67
sec-Butylbenzene
Concen: 6.528 ppbv
RT: 17.29 min Scan# 4511
Delta R.T. -0.02 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 8475279

Ion	Ratio	Lower	Upper
105	100		
134	22.9	17.0	25.6

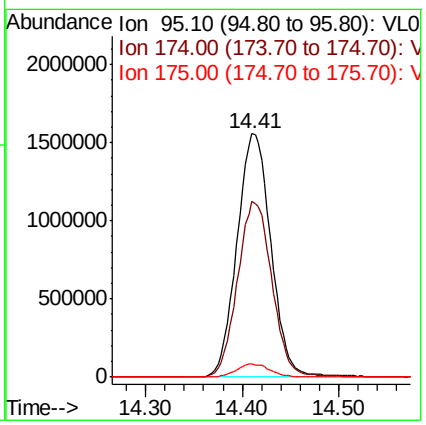


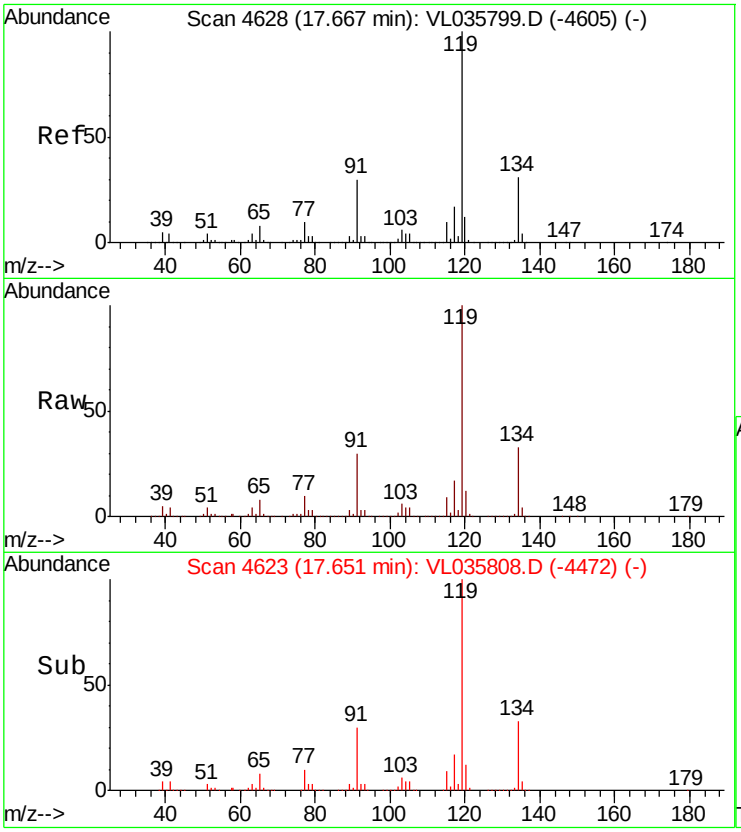


#68
1-Bromo-4-Fluorobenzene
Concen: 7.961 ppbv
RT: 14.41 min Scan# 3615
Delta R.T. -0.02 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Tgt Ion: 95 Resp: 3799978

Ion	Ratio	Lower	Upper
95	100		
174	73.6	59.8	89.6
175	5.3	4.3	6.5



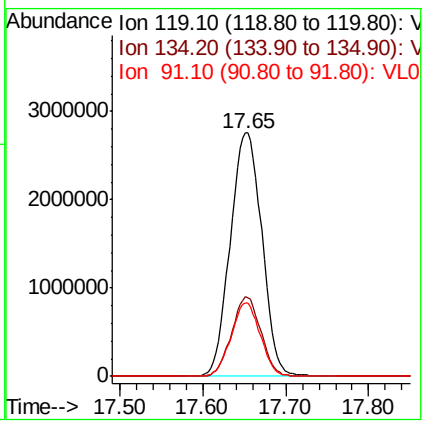


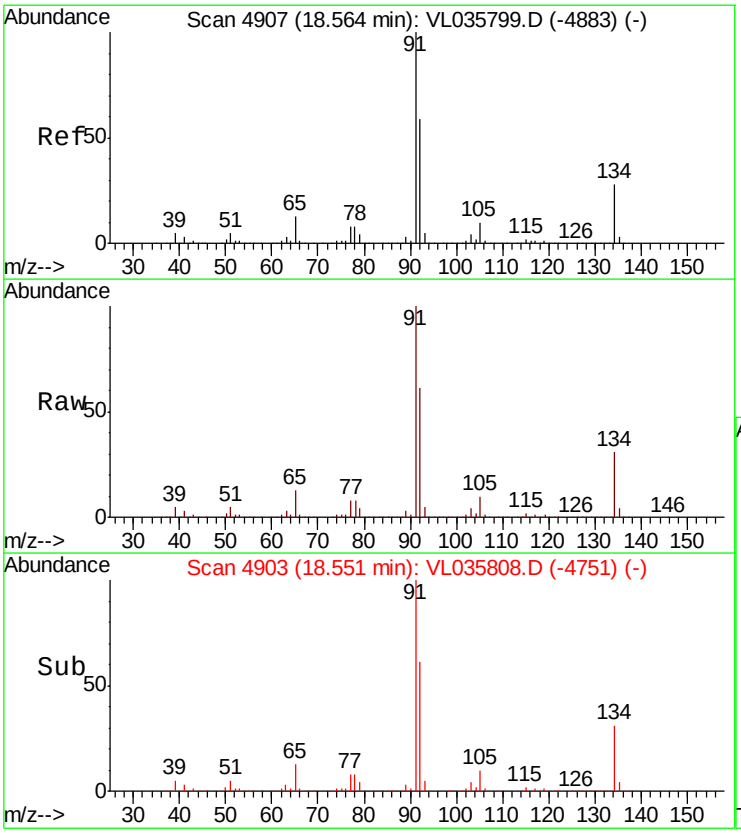
#69
p-Isopropyltoluene
Concen: 6.812 ppbv
RT: 17.65 min Scan# 4623
Delta R.T. -0.02 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:119 Resp: 7298429

Ion	Ratio	Lower	Upper
119	100		
134	30.4	23.0	34.6
91	28.1	22.8	34.2

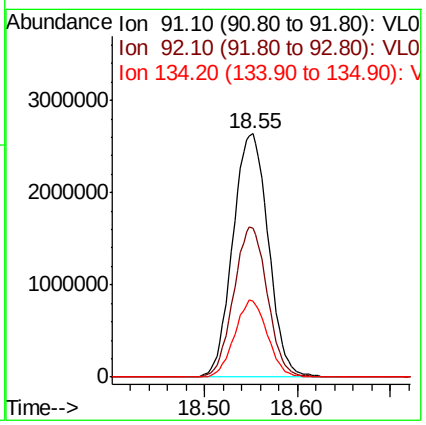


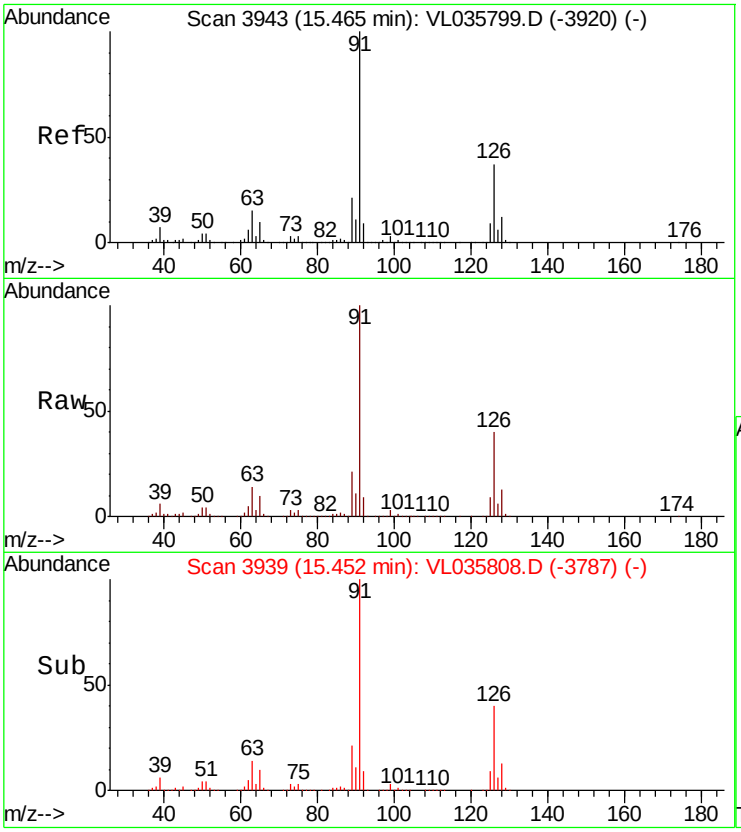


#70
n-Butylbenzene
Concen: 6.771 ppbv
RT: 18.55 min Scan# 4903
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Tgt Ion: 91 Resp: 6986410

Ion	Ratio	Lower	Upper
91	100		
92	58.6	45.7	68.5
134	29.3	21.0	31.4



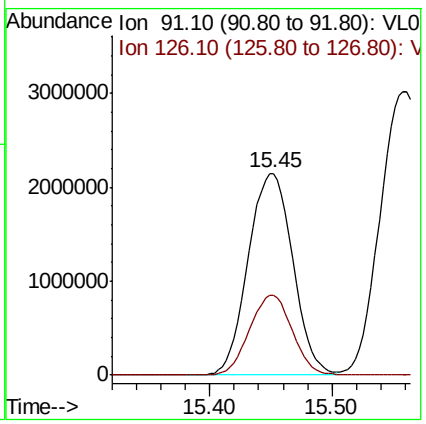


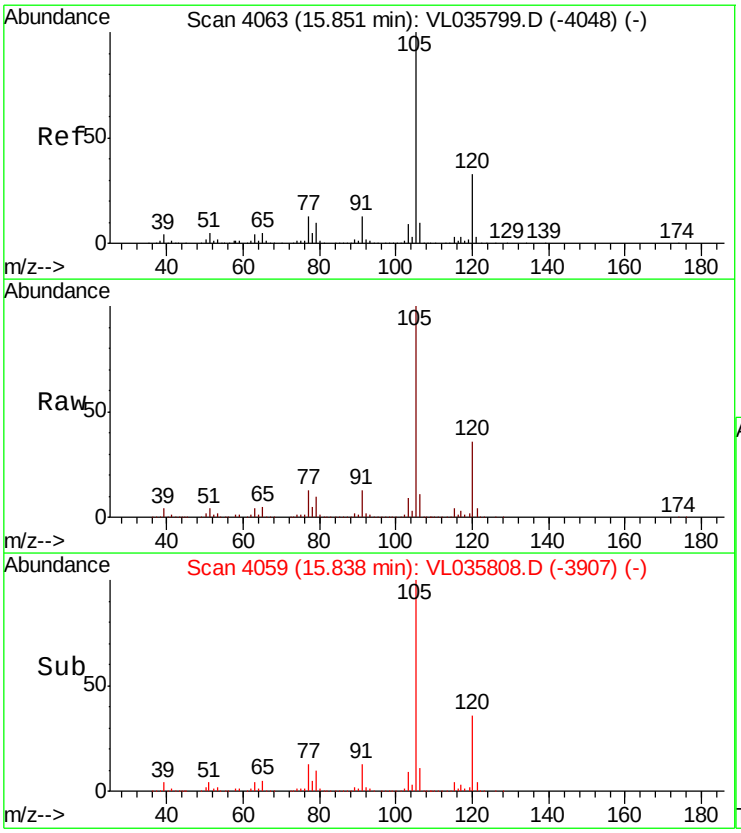
#71
2-Chlorotoluene
Concen: 7.040 ppbv
RT: 15.45 min Scan# 3939
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 5450403

Ion	Ratio	Lower	Upper
91	100		
126	38.2	14.3	57.1

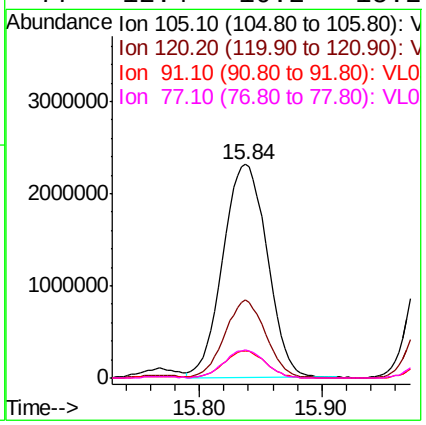


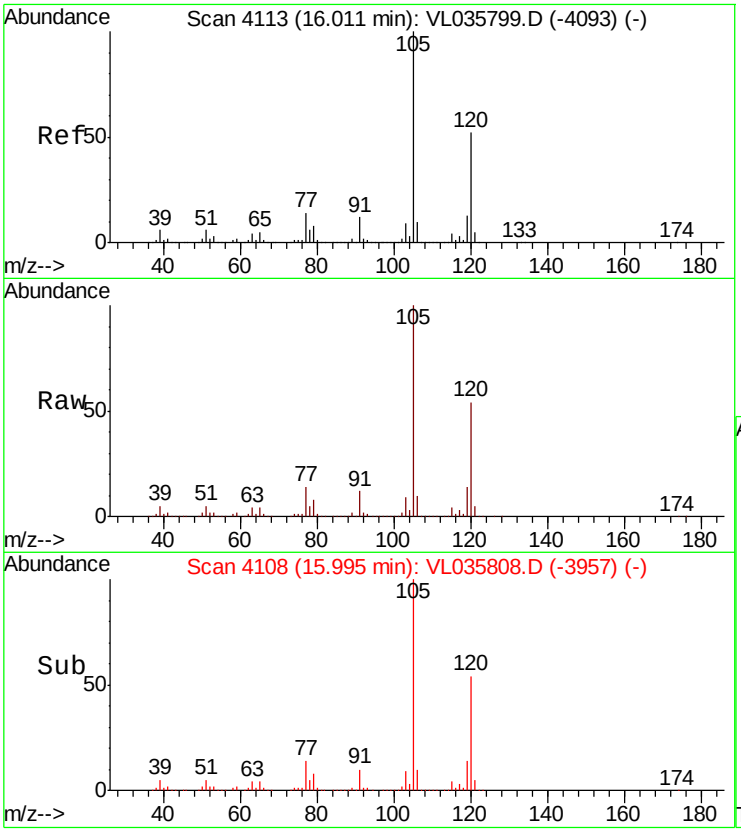


#72
4-Ethyltoluene
Concen: 7.129 ppbv
RT: 15.84 min Scan# 4059
Delta R.T. -0.01 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Tgt Ion:105 Resp: 5822517

Ion	Ratio	Lower	Upper
105	100		
120	34.1	25.9	38.9
91	12.1	9.9	14.9
77	12.4	10.2	15.2



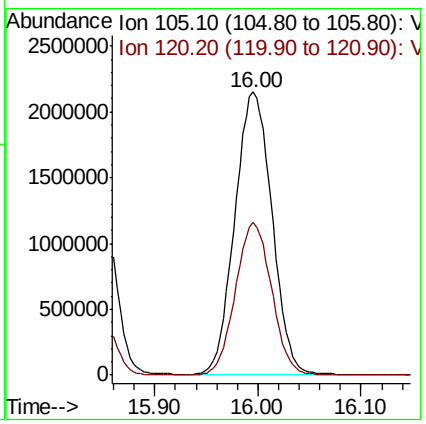


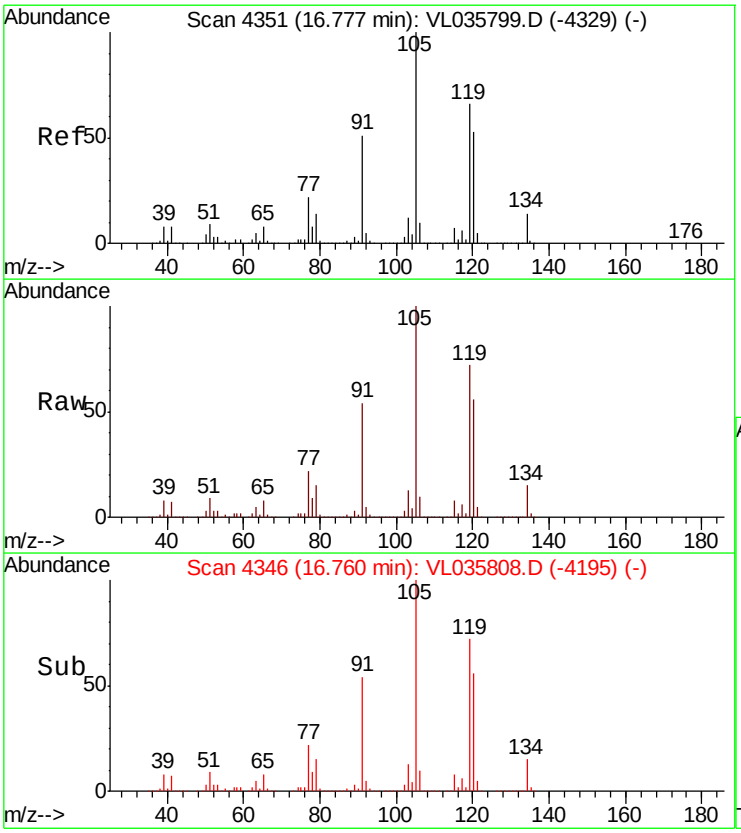
#73
1,3,5-Trimethylbenzene
Concen: 7.173 ppbv
RT: 16.00 min Scan# 4108
Delta R.T. -0.02 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 5361919

Ion	Ratio	Lower	Upper
105	100		
120	54.1	41.4	62.2

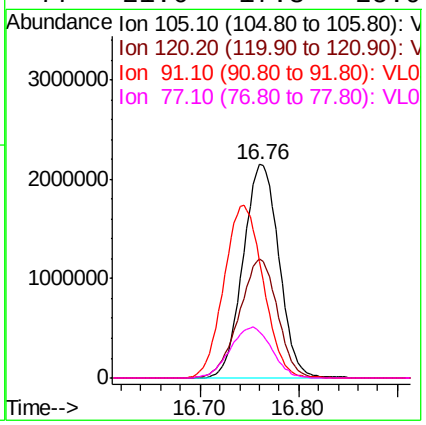


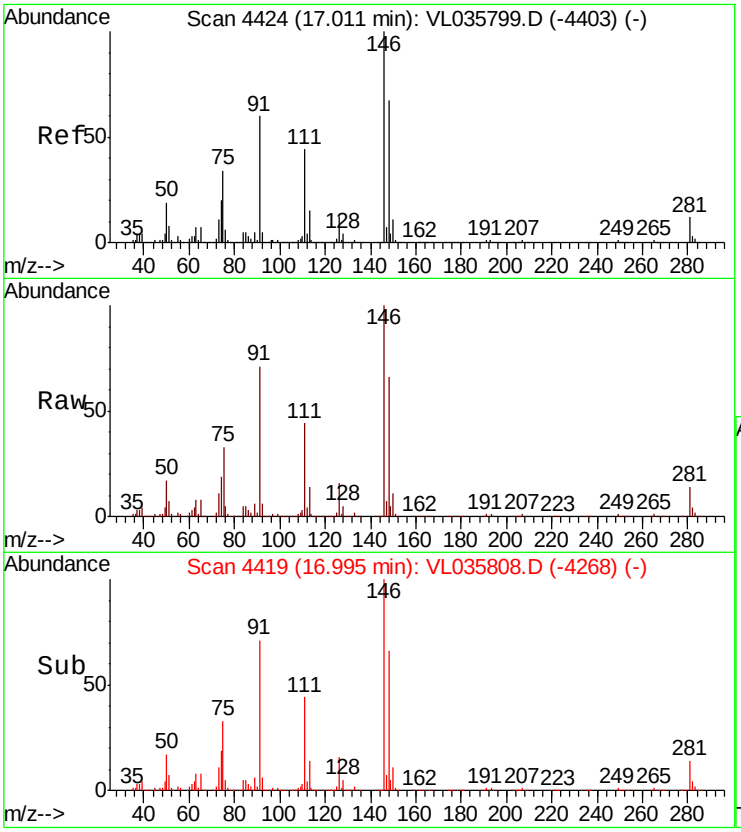


#74
1,2,4-Trimethylbenzene
Concen: 6.735 ppbv
RT: 16.76 min Scan# 4346
Delta R.T. -0.02 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Tgt Ion:105 Resp: 5394159

Ion	Ratio	Lower	Upper
105	100		
120	55.9	42.0	63.0
91	54.1	41.0	61.6
77	21.6	17.3	25.9



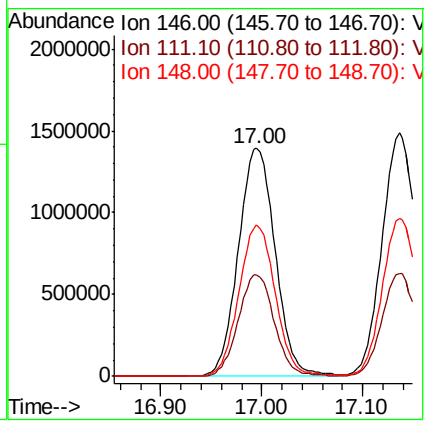


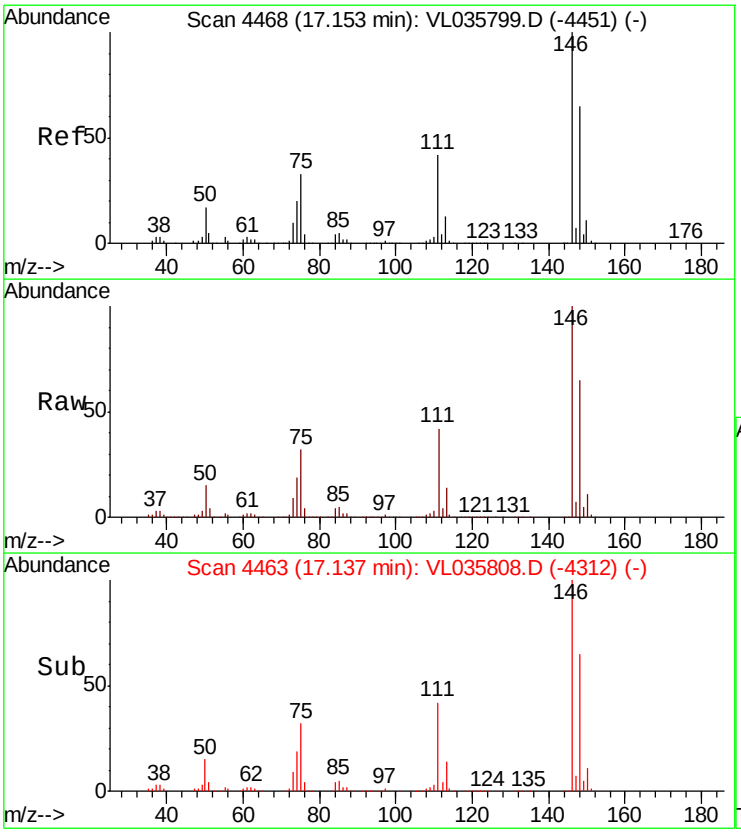
#75
1,3-Dichlorobenzene
Concen: 6.928 ppbv
RT: 17.00 min Scan# 4419
Delta R.T. -0.02 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:146 Resp: 3533018

Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.8	65.4
148	65.6	32.5	97.5

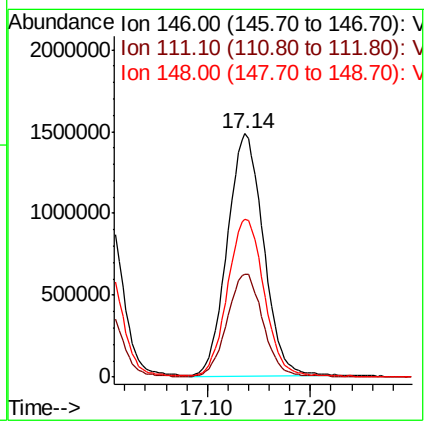


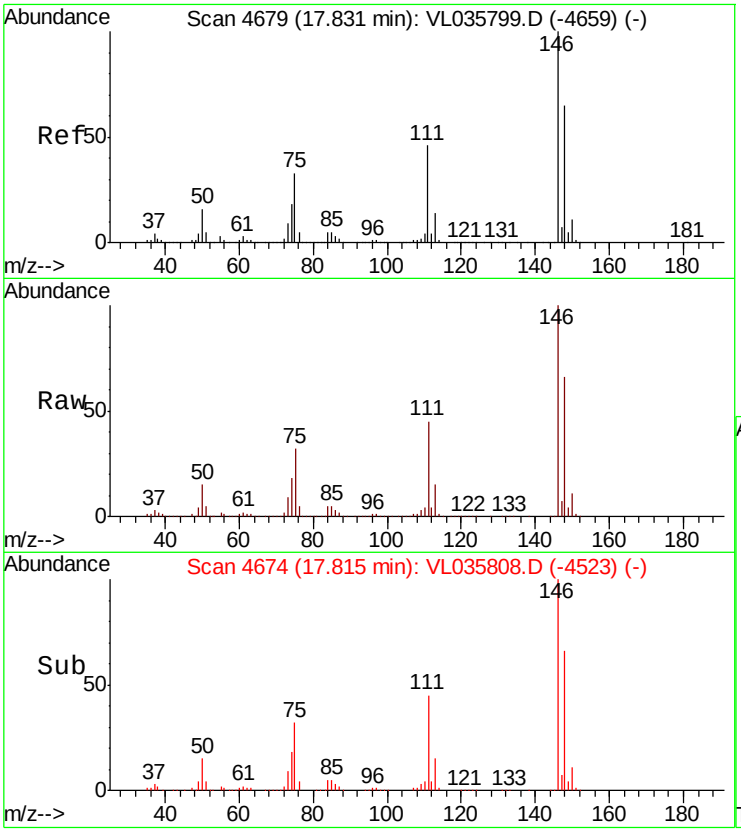


#76
1,4-Dichlorobenzene
Concen: 7.327 ppbv
RT: 17.14 min Scan# 4463
Delta R.T. -0.02 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Tgt Ion:146 Resp: 3604511

Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.3	63.7
148	66.6	33.0	99.0



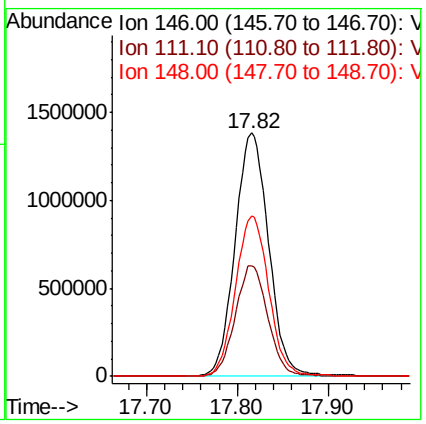


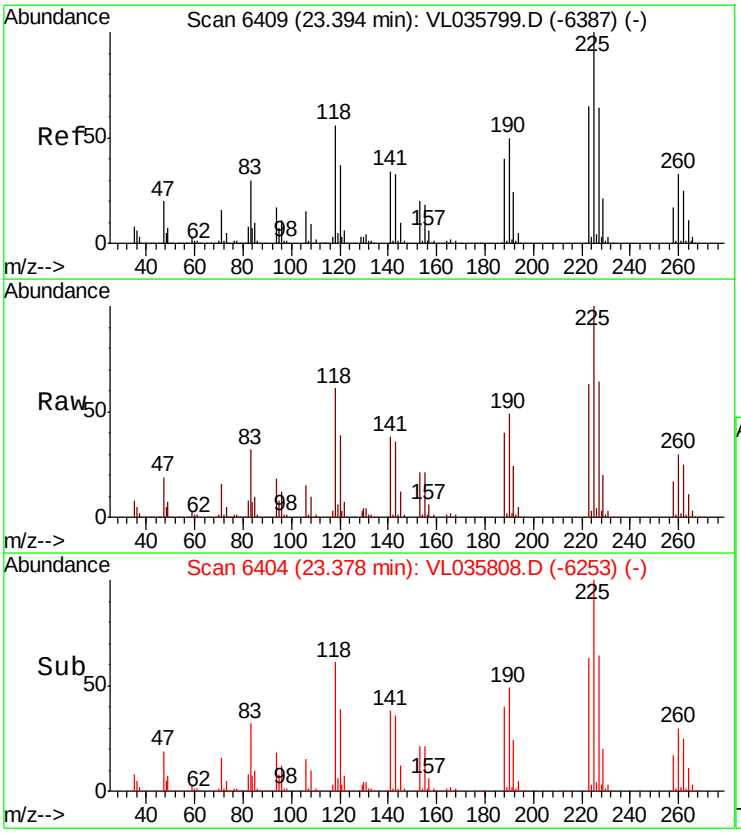
#77
1,2-Dichlorobenzene
Concen: 7.112 ppbv
RT: 17.82 min Scan# 4674
Delta R.T. -0.02 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:146 Resp: 3535510

Ion	Ratio	Lower	Upper
146	100		
111	44.2	22.4	67.0
148	65.5	32.5	97.5

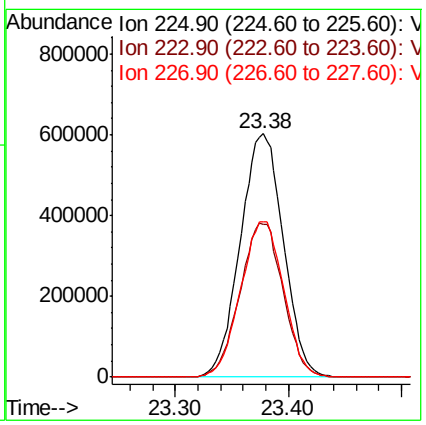


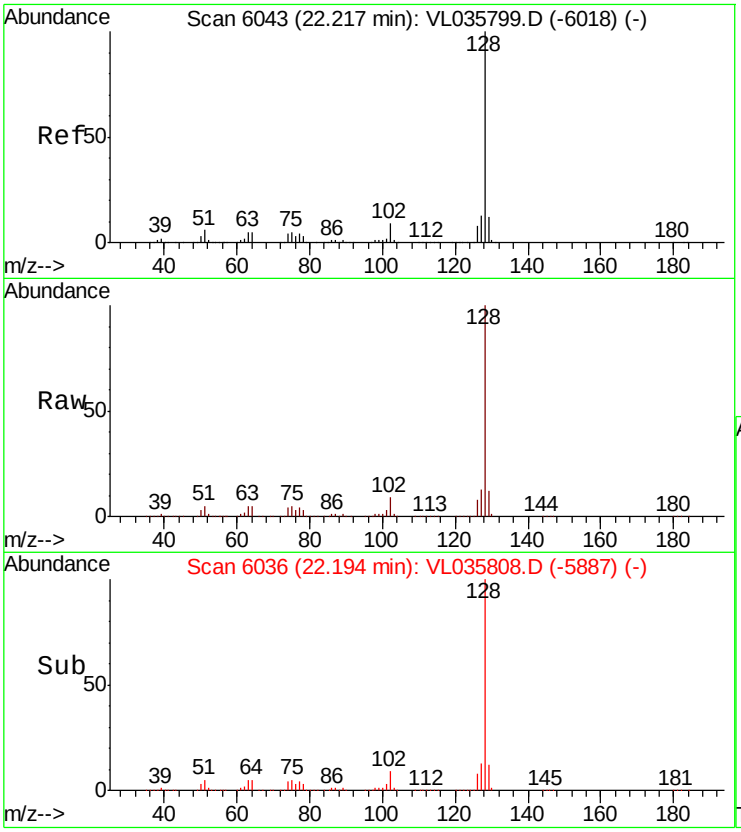


#78
Hexachloro-1,3-Butadiene
Concen: 6.880 ppbv
RT: 23.38 min Scan# 6404
Delta R.T. -0.02 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Tgt Ion:225 Resp: 1595867

Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.0	76.6
227	63.9	51.2	76.8



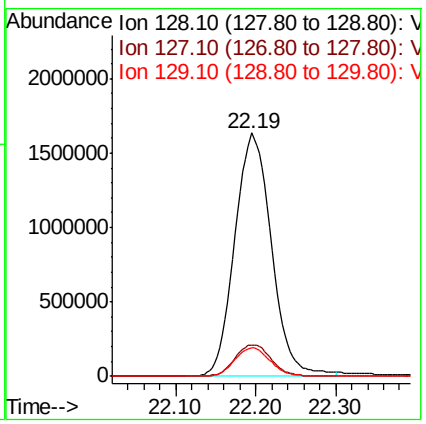


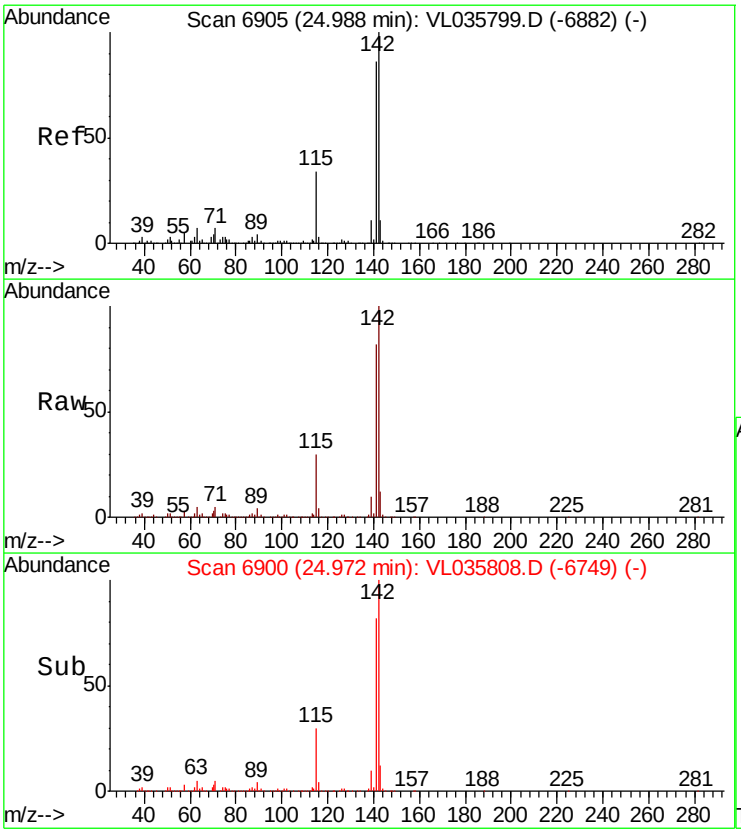
#79
Naphthalene
Concen: 9.130 ppbv
RT: 22.19 min Scan# 6036
Delta R.T. -0.02 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:128 Resp: 5097745

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	11.6	9.2	13.8

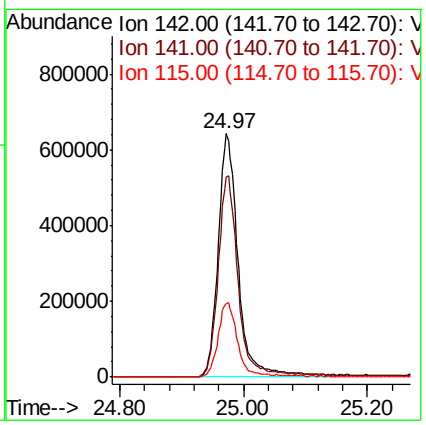


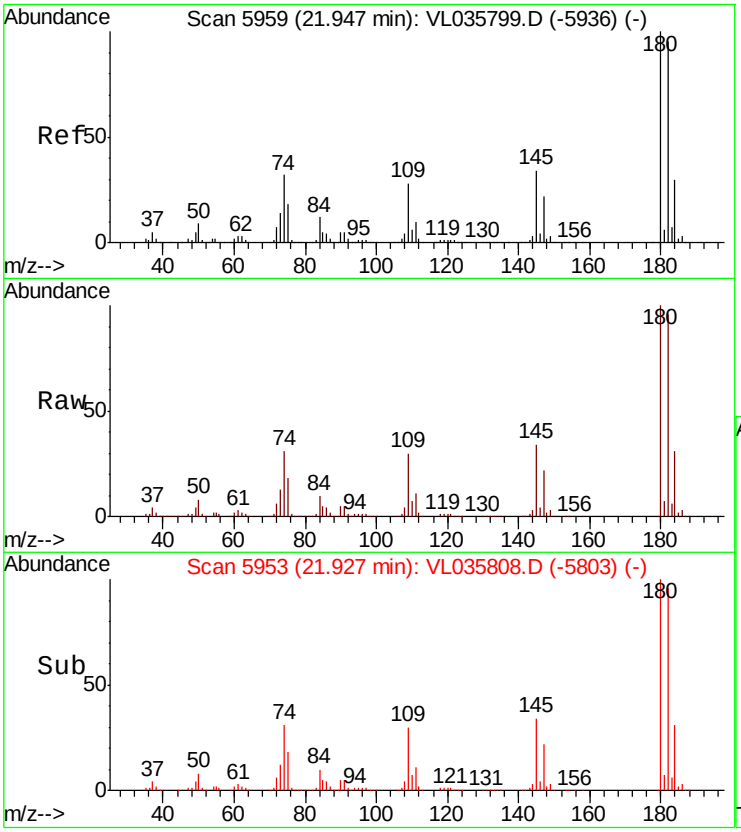


#80
Naphthalene,2-methyl-
Concen: 15.902 ppbv
RT: 24.97 min Scan# 6900
Delta R.T. -0.02 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Tgt Ion:142 Resp: 1446903

Ion	Ratio	Lower	Upper
142	100		
141	83.6	67.8	101.8
115	31.0	28.1	42.1





#81
1,2,4-Trichlorobenzene
Concen: 8.105 ppbv
RT: 21.93 min Scan# 5953
Delta R.T. -0.02 min
Lab File: VL035808.D
Acq: 3 Nov 2020 17:24

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:180 Resp: 2528350

Ion	Ratio	Lower	Upper
180	100		
182	97.7	77.2	115.8
184	31.2	24.7	37.1