Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110320\
Data File : VL035826.D
Acq On : 4 Nov 2020 5:40
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Nov 04 06:32:03 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	5.64	49	1090248	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	4933941	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	5844917	10.00	ppbv	-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	3286905	7.92	ppbv	-0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 79.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.02	85	2041470	9.946	ppbv	99
3) Chlorodifluoromethane	2.96	51	1242464	9.516	ppbv	98
4) Chloromethane	3.11	50	603677	9.518	ppbv	99
5) Vinyl Chloride	3.23	62	789367	9.763	ppbv	100
6) Bromomethane	3.45	94	682027	10.489	ppbv	99
7) Chloroethane	3.53	64	288264	10.130	ppbv	99
8) Dichlorotetrafluoroethane	3.16	85	2316519	9.861	ppbv	99
9) Propene	2.99	41	460954	9.646	ppbv	100
10) Heptane	8.10	43	1272199	9.639	ppbv	96
11) Trichlorofluoromethane	3.92	101	2541400	9.860	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.46	101	1914511	9.977	ppbv	96
13) Ethanol	3.58	45	78931	7.614	ppbv	95
14) Bromoethene	3.71	108	913692	10.346	ppbv	99
15) Acetone	3.83	43	1042143	8.941	ppbv	98
16) 1,3-Butadiene	3.30	39	480220	9.569	ppbv	96
17) tert-Butyl alcohol	4.27	59	1567407	10.147	ppbv	99
18) 1,1-Dichloroethene	4.26	96	915699	10.393	ppbv	96
19) Isopropyl Alcohol	3.94	45	679514	9.487	ppbv #	98
20) Methylene Chloride	4.32	84	737968	8.994	ppbv	99
21) Allyl Chloride	4.38	41	630332	10.000	ppbv	94
22) trans-1,2-Dichloroethene	4.86	96	928098	10.391	ppbv	96
23) Vinyl Acetate	5.05	43	1494652	9.148	ppbv	99
24) 1,1-Dichloroethane	4.99	63	1531204	9.837	ppbv	99
25) Ethyl Acetate	5.65	43	2176512	9.479	ppbv	99
26) Hexane	5.66	57	1220806	9.640	ppbv	96
27) Carbon Disulfide	4.52	76	1946663	10.259	ppbv	99
28) Methyl tert-Butyl Ether	5.01	73	2250934	9.898	ppbv	99
29) Chloroform	5.73	83	2492593	10.015	ppbv	98
30) Cyclohexane	7.10	84	1398182	10.137	ppbv	93
31) cis-1,2-Dichloroethene	5.52	61	1320678	10.138	ppbv	96
32) 1,1,1-Trichloroethane	6.48	97	2490179	9.588	ppbv	99
34) 2-Butanone	5.22	43	1401790	8.754	ppbv	94
35) Carbon Tetrachloride	6.99	117	2485439	9.428	ppbv	98
36) Benzene	6.86	78	3304681	9.009	ppbv	99
37) 1,2-Dichloroethane	6.28	62	1548304	9.317	ppbv	99
38) Trichloroethene	7.81	130	1589329	8.871	ppbv	97
39) 1,2-Dichloropropane	7.58	63	1076796	8.719	ppbv	95
40) 1,4-Dioxane	7.81	88	505002	8.628	ppbv	96
41) Tetrahydrofuran	6.02	42	832971	9.156	ppbv	92
42) Bromodichloromethane	7.77	83	2598387	9.267	ppbv	99
43) Methyl Methacrylate	7.99	69	1328118	9.493	ppbv	94

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110320\
Data File : VL035826.D
Acq On : 4 Nov 2020 5:40
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Nov 04 06:32:03 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	7.84	57	4107009	8.461	ppbv		99
45) t-1,3-Dichloropropene	9.25	75	1518901	10.241	ppbv		99
46) cis-1,3-Dichloropropene	8.68	75	1812056	9.647	ppbv		96
47) 1,1,2-Trichloroethane	9.45	97	1547278	9.195	ppbv		99
48) Dibromochloromethane	10.28	129	2544738	9.899	ppbv		100
49) Bromoform	13.02	173	2211955	10.197	ppbv		99
50) 4-Methyl-2-Pentanone	8.72	43	2165847	8.846	ppbv		97
51) 2-Hexanone	10.11	43	1805686	9.180	ppbv	#	95
52) Tetrachloroethene	11.19	164	1525892	8.781	ppbv		99
53) Toluene	9.78	91	4083452	9.226	ppbv		99
54) 1,2-Dibromoethane	10.59	107	2420190	9.457	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.10	131	1994868	7.604	ppbv		99
57) Chlorobenzene	12.12	112	3367608	7.246	ppbv		98
58) Ethyl Benzene	12.69	91	5269905	7.403	ppbv		97
59) m/p-Xylene	12.97	91	4733620	7.859	ppbv	#	34
60) o-Xylene	13.67	91	4260318	7.272	ppbv		98
61) Styrene	13.50	104	3464512	8.070	ppbv		98
62) Isopropylbenzene	14.64	105	6579744	7.145	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.65	83	3018170	6.648	ppbv		100
64) n-propylbenzene	15.54	120	2044343	7.680	ppbv		91
65) tert-Butylbenzene	16.72	119	6058735	7.228	ppbv		98
66) Benzyl Chloride	16.97	91	2310096	8.338	ppbv		97
67) sec-Butylbenzene	17.27	105	8036753	7.115	ppbv		97
69) p-Isopropyltoluene	17.64	119	6976924	7.485	ppbv		99
70) n-Butylbenzene	18.53	91	6806777	7.583	ppbv		97
71) 2-Chlorotoluene	15.43	91	5023419	7.458	ppbv		97
72) 4-Ethyltoluene	15.82	105	5414240	7.619	ppbv		99
73) 1,3,5-Trimethylbenzene	15.98	105	5021234	7.721	ppbv		98
74) 1,2,4-Trimethylbenzene	16.74	105	5113152	7.338	ppbv		98
75) 1,3-Dichlorobenzene	16.97	146	3442946	7.760	ppbv		99
76) 1,4-Dichlorobenzene	17.12	146	3419395	7.989	ppbv		99
77) 1,2-Dichlorobenzene	17.80	146	3439984	7.954	ppbv		99
78) Hexachloro-1,3-Butadiene	23.36	225	1796386	8.902	ppbv		99
79) Naphthalene	22.17	128	5345732	11.006	ppbv		98
80) Naphthalene,2-methyl-	24.96	142	1476542	18.653	ppbv		95
81) 1,2,4-Trichlorobenzene	21.90	180	2748595	10.128	ppbv		99

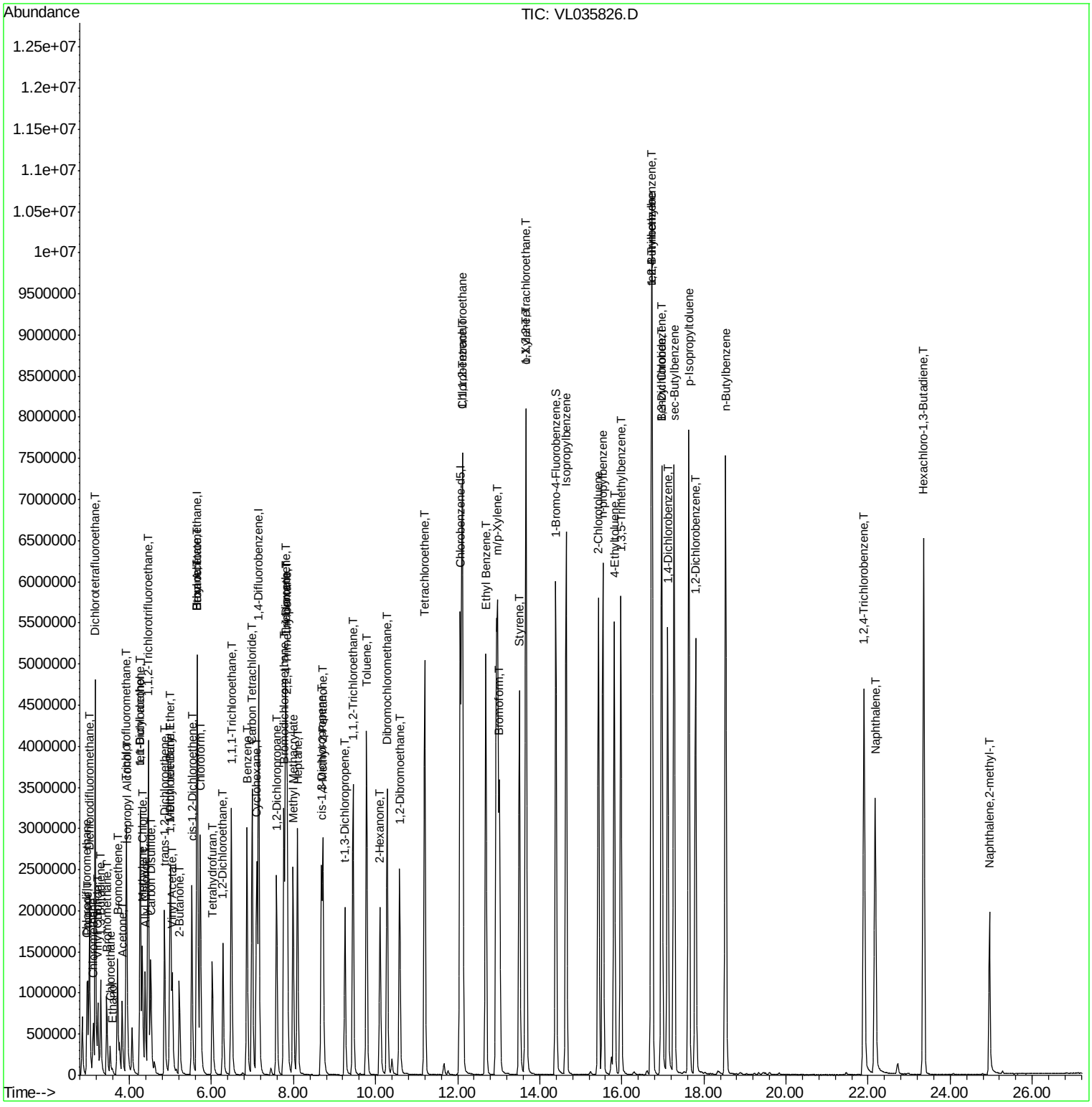
(#) = qualifier out of range (m) = manual integration (+) = signals summed

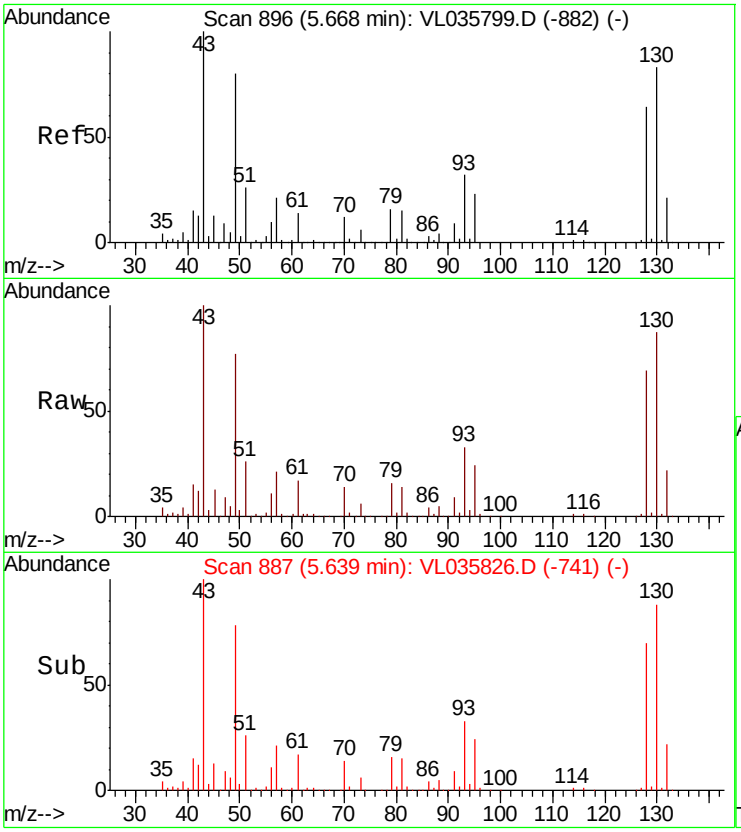
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110320\
Data File : VL035826.D
Acq On : 4 Nov 2020 5:40
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Nov 04 06:32:03 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

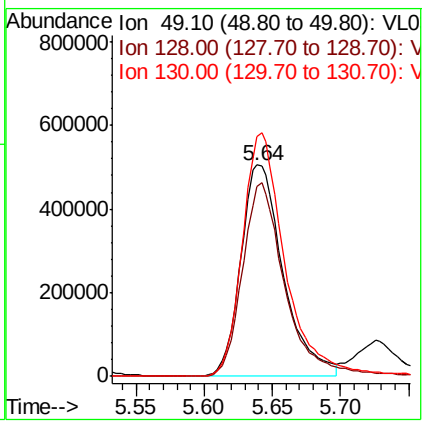




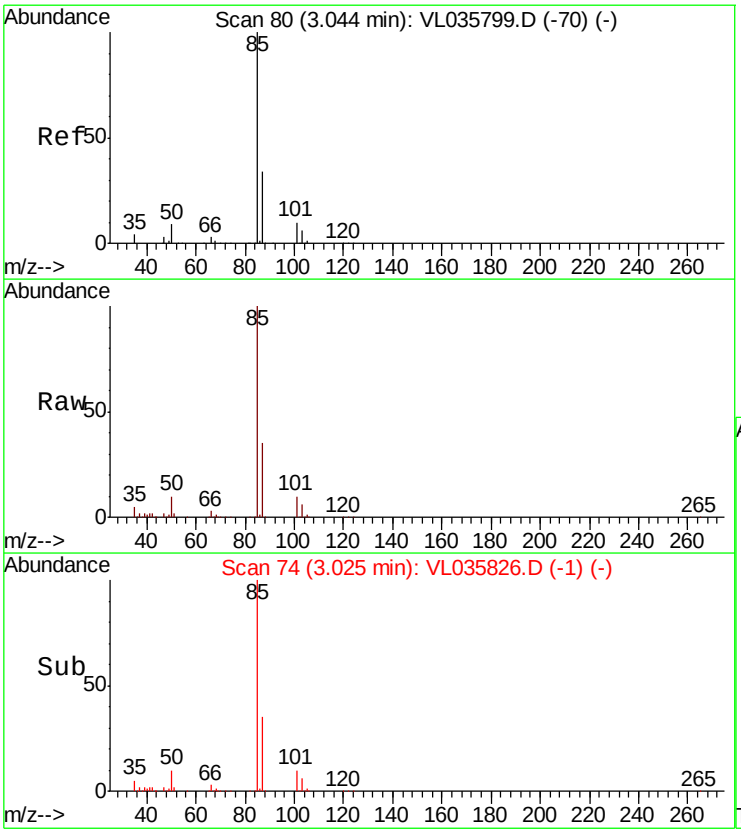
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64 min Scan# 887
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion: 49 Resp: 1090248

Ion	Ratio	Lower	Upper
49	100		
128	92.7	41.5	124.6
130	117.8	53.7	161.1



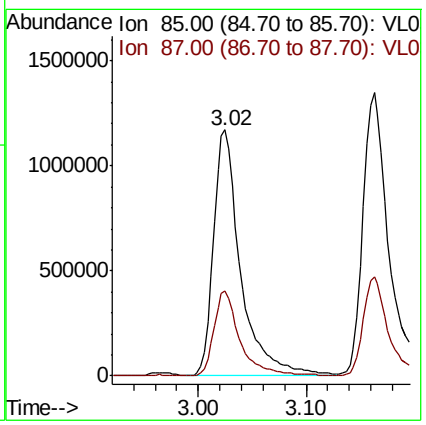
Instrument :
MSVOA_L
ClientSampleId :

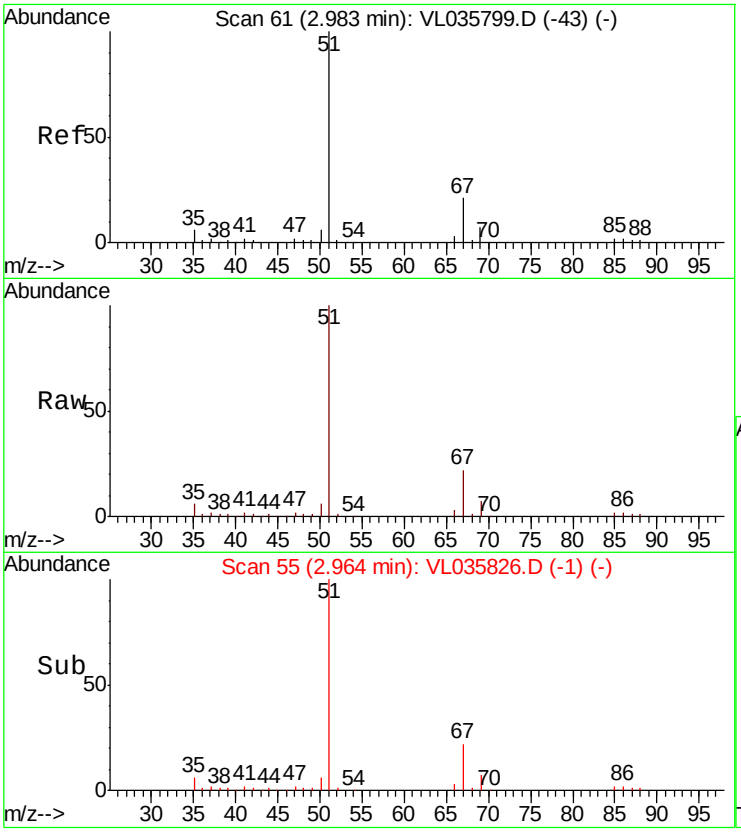


#2
Dichlorodifluoromethane
Concen: 9.946 ppbv
RT: 3.02 min Scan# 74
Delta R.T. -0.02 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion: 85 Resp: 2041470

Ion	Ratio	Lower	Upper
85	100		
87	34.6	27.1	40.7



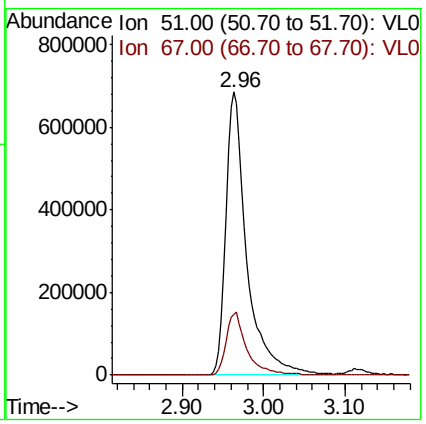


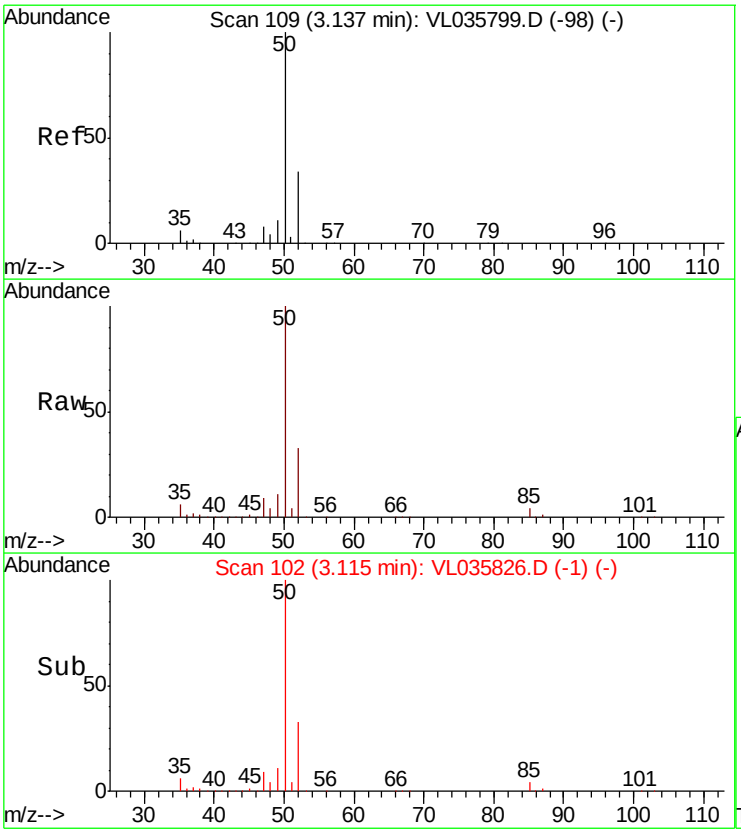
#3
Chlorodifluoromethane
Concen: 9.516 ppbv
RT: 2.96 min Scan# 55
Delta R.T. -0.02 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 1242464

Ion	Ratio	Lower	Upper
51	100		
67	22.0	17.0	25.4

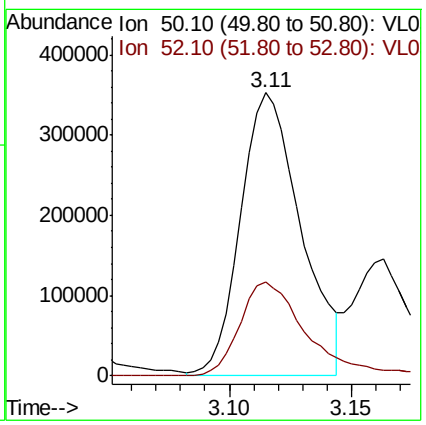


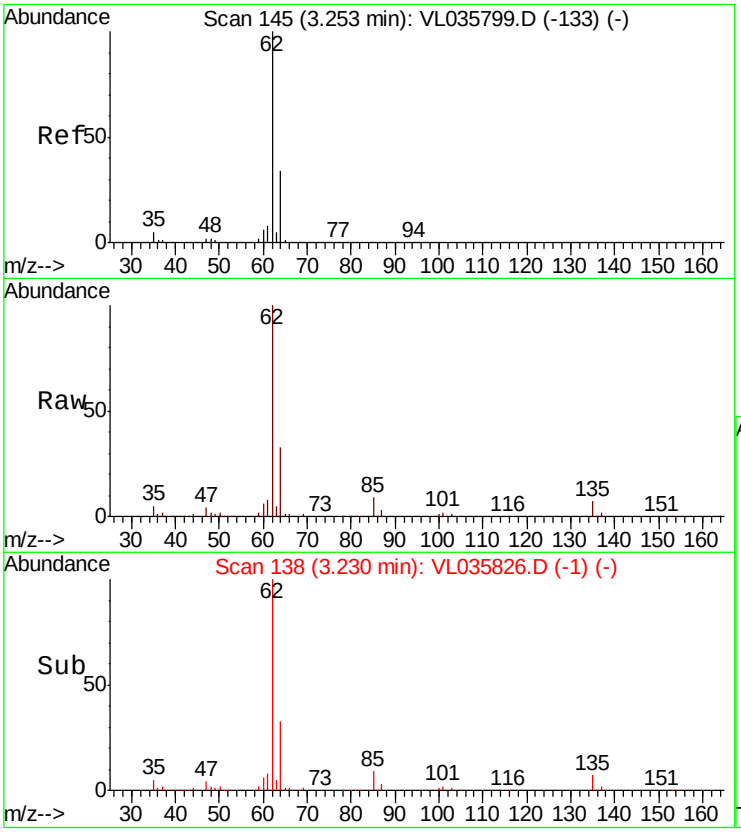


#4
Chloromethane
Concen: 9.518 ppbv
RT: 3.11 min Scan# 102
Delta R.T. -0.02 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion: 50 Resp: 603677

Ion	Ratio	Lower	Upper
50	100		
52	33.4	27.1	40.7



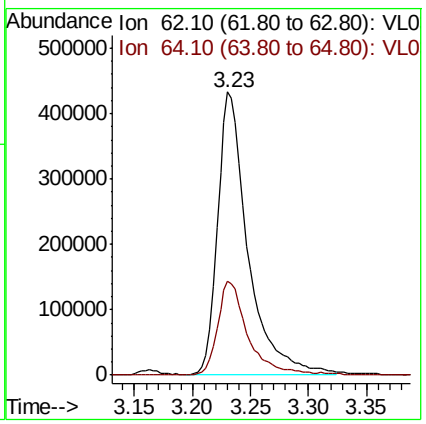


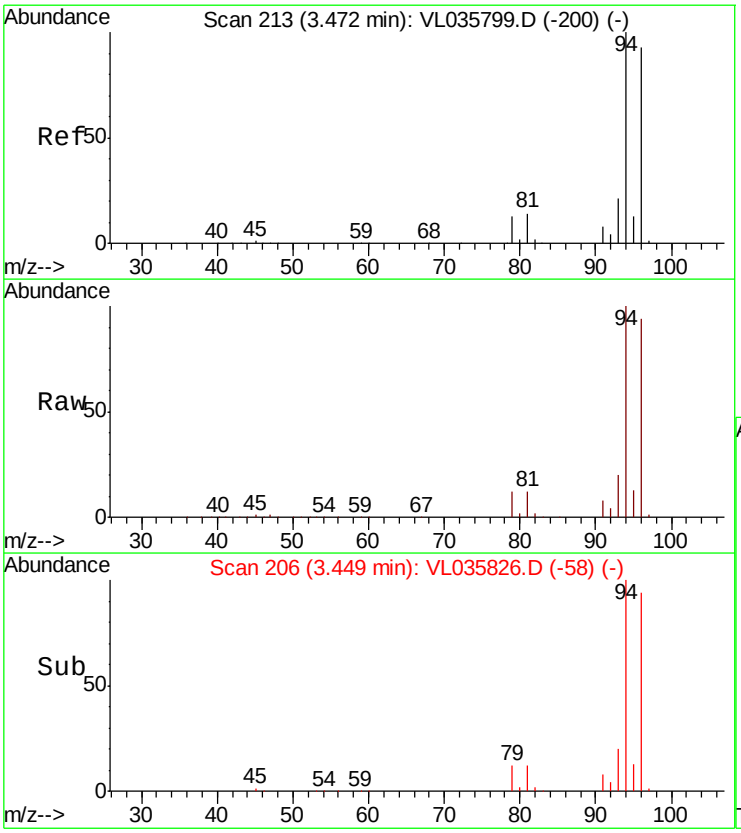
#5
Vinyl Chloride
Concen: 9.763 ppbv
RT: 3.23 min Scan# 138
Delta R.T. -0.02 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 62 Resp: 789367

Ion	Ratio	Lower	Upper
62	100		
64	33.4	26.9	40.3

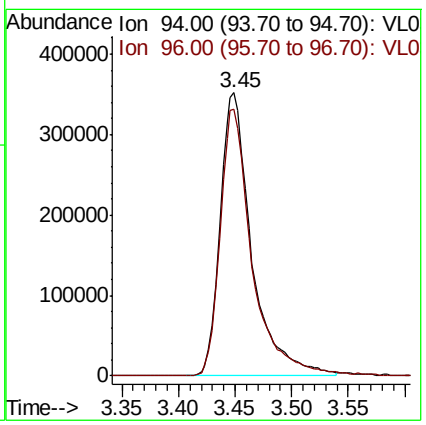


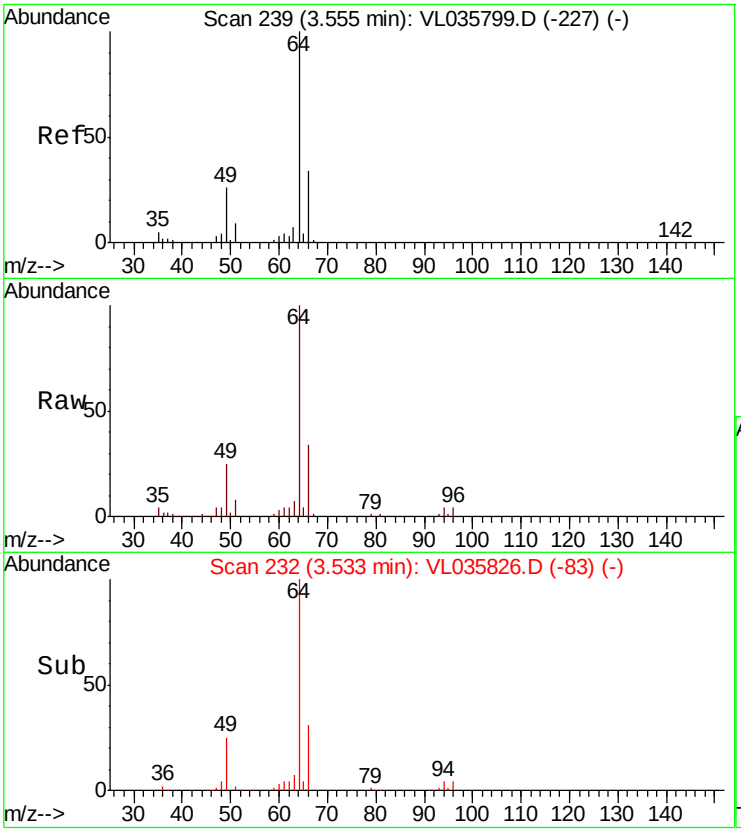


#6
Bromomethane
Concen: 10.489 ppbv
RT: 3.45 min Scan# 206
Delta R.T. -0.02 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion: 94 Resp: 682027

Ion	Ratio	Lower	Upper
94	100		
96	94.4	74.6	111.8



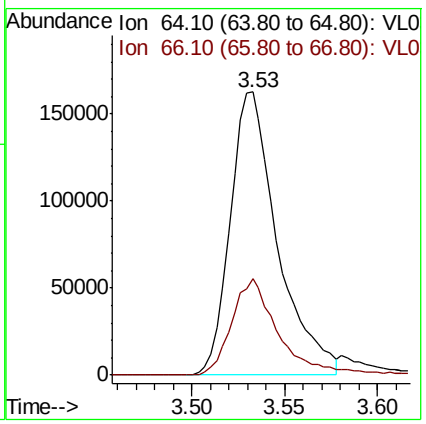


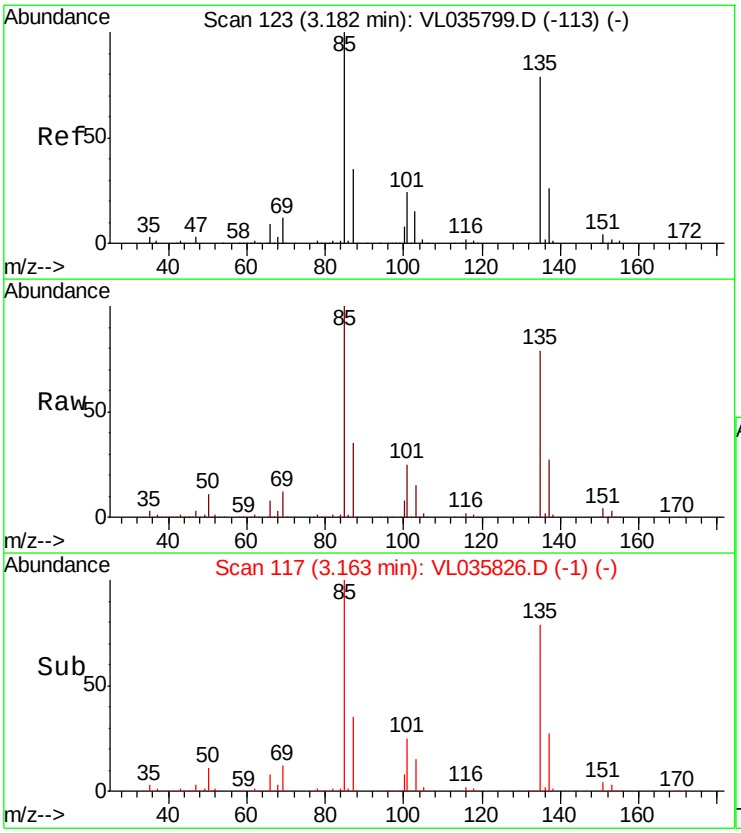
#7
Chloroethane
Concen: 10.130 ppbv
RT: 3.53 min Scan# 232
Delta R.T. -0.02 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 64 Resp: 288264

Ion	Ratio	Lower	Upper
64	100		
66	34.3	27.0	40.6

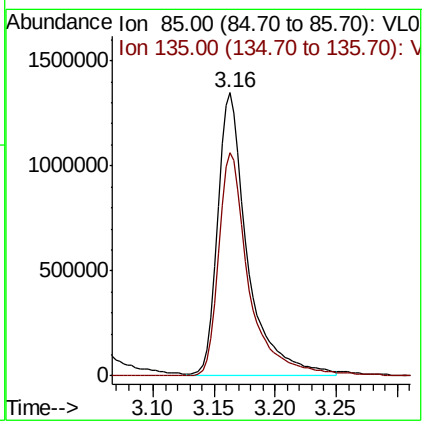


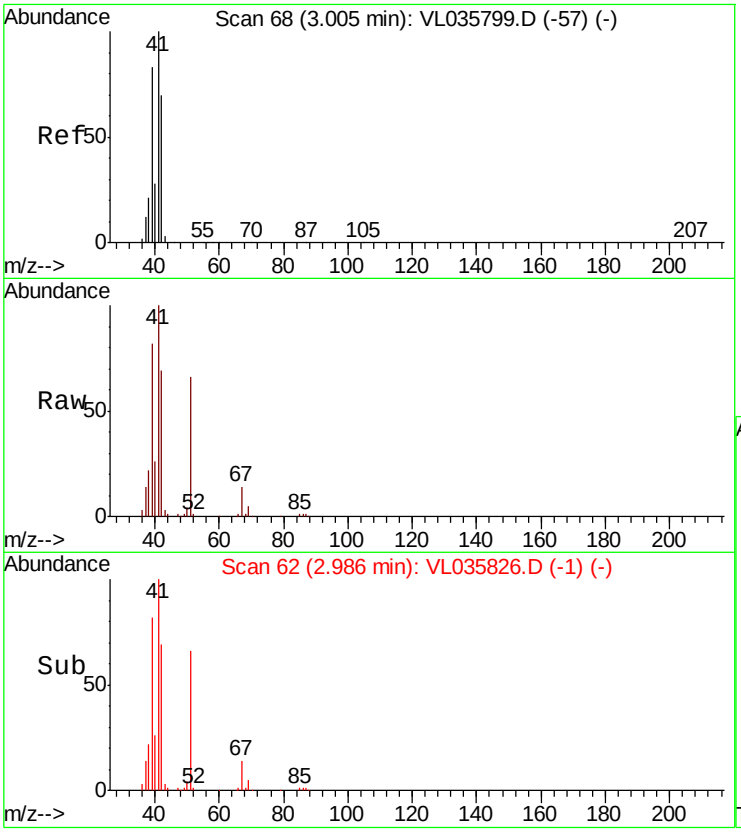


#8
Dichlorotetrafluoroethane
Concen: 9.861 ppbv
RT: 3.16 min Scan# 117
Delta R.T. -0.02 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion: 85 Resp: 2316519

Ion	Ratio	Lower	Upper
85	100		
135	81.2	64.6	96.8



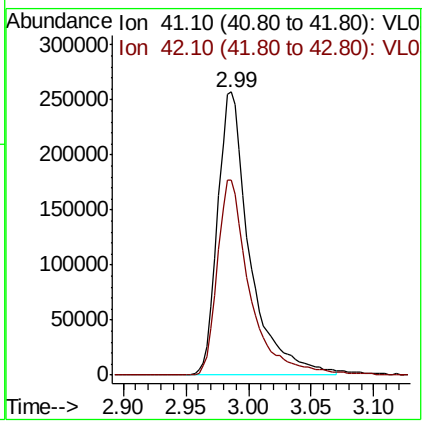


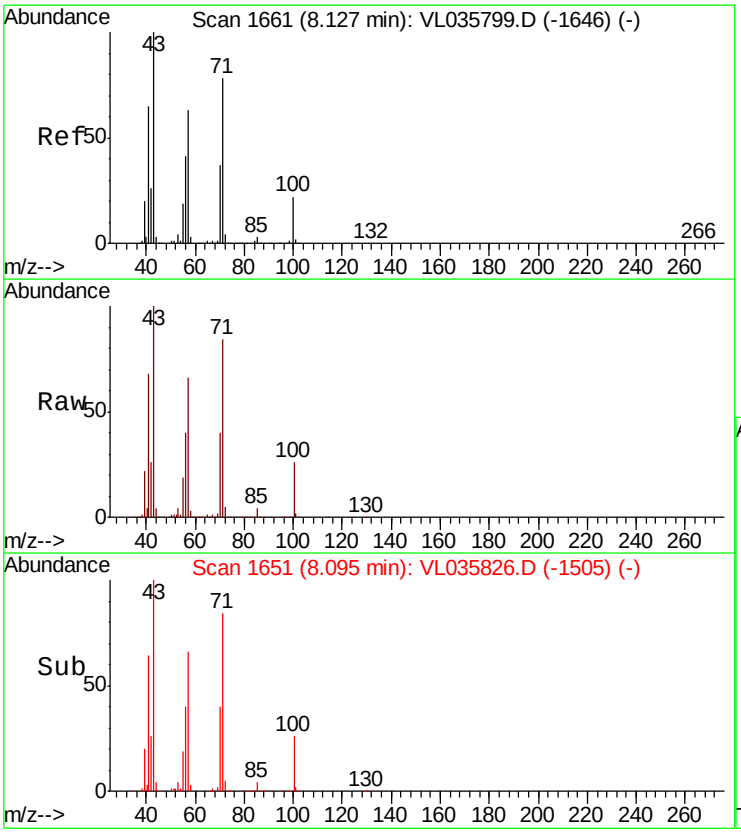
#9
Propene
Concen: 9.646 ppbv
RT: 2.99 min Scan# 62
Delta R.T. -0.02 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 460954

Ion	Ratio	Lower	Upper
41	100		
42	70.3	56.2	84.4

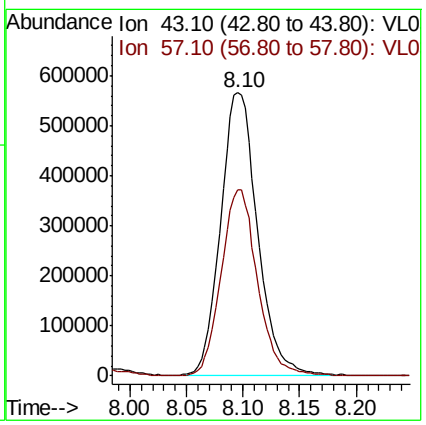


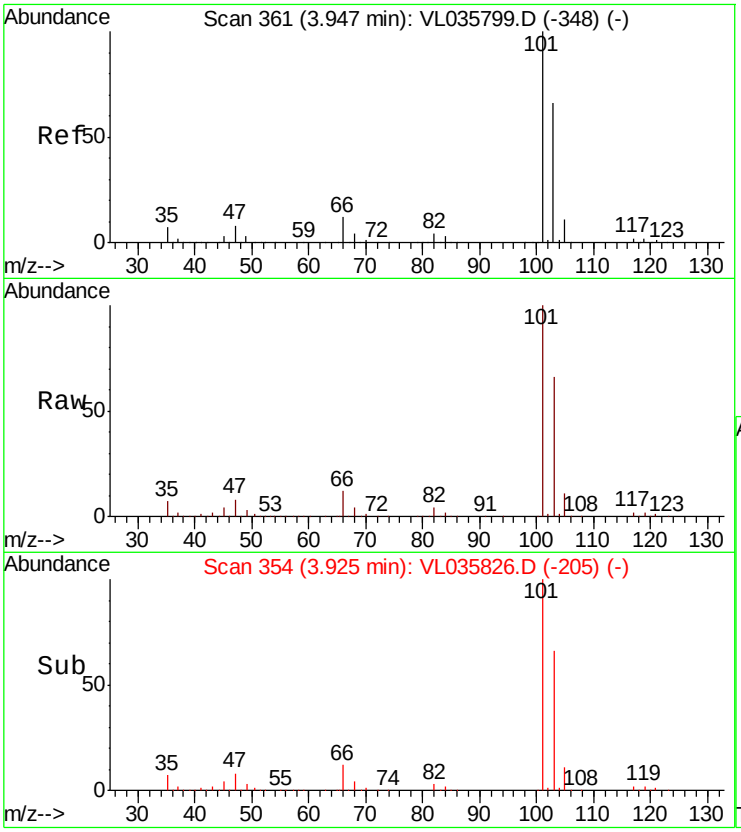


#10
Heptane
Concen: 9.639 ppbv
RT: 8.10 min Scan# 1651
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion: 43 Resp: 1272199

Ion	Ratio	Lower	Upper
43	100		
57	65.9	50.0	75.0



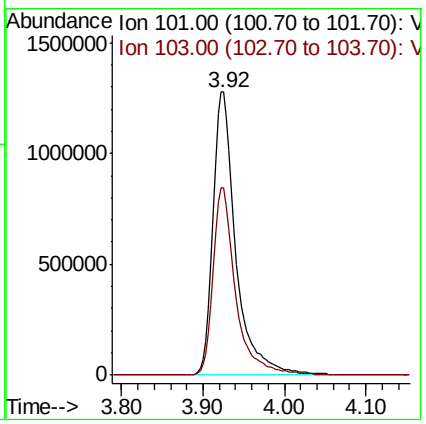


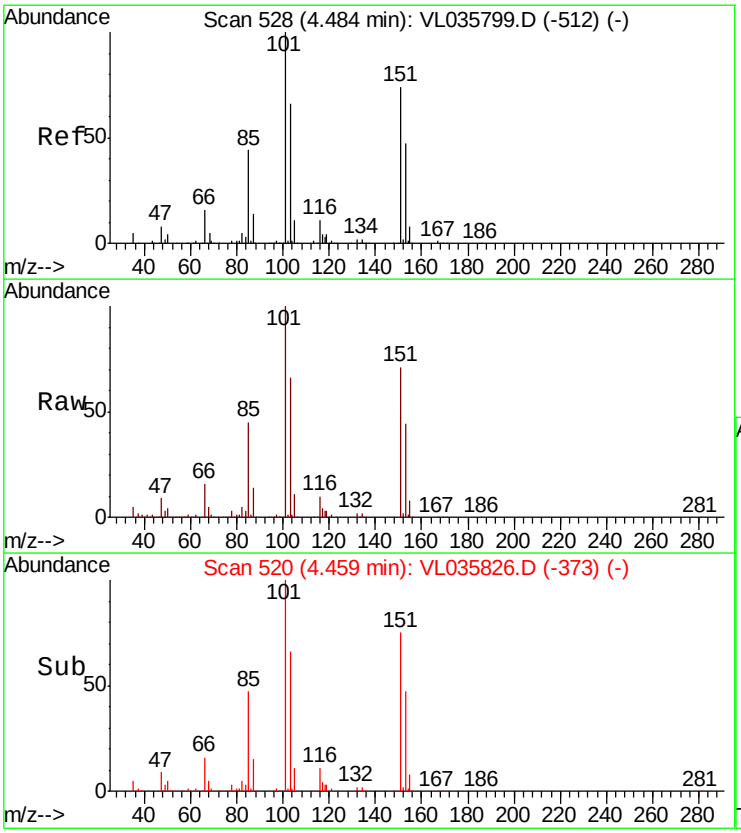
#11
Trichlorofluoromethane
Concen: 9.860 ppbv
RT: 3.92 min Scan# 354
Delta R.T. -0.02 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 2541400

Ion	Ratio	Lower	Upper
101	100		
103	66.0	53.0	79.4

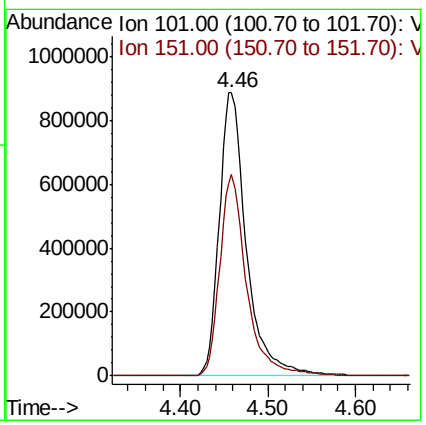


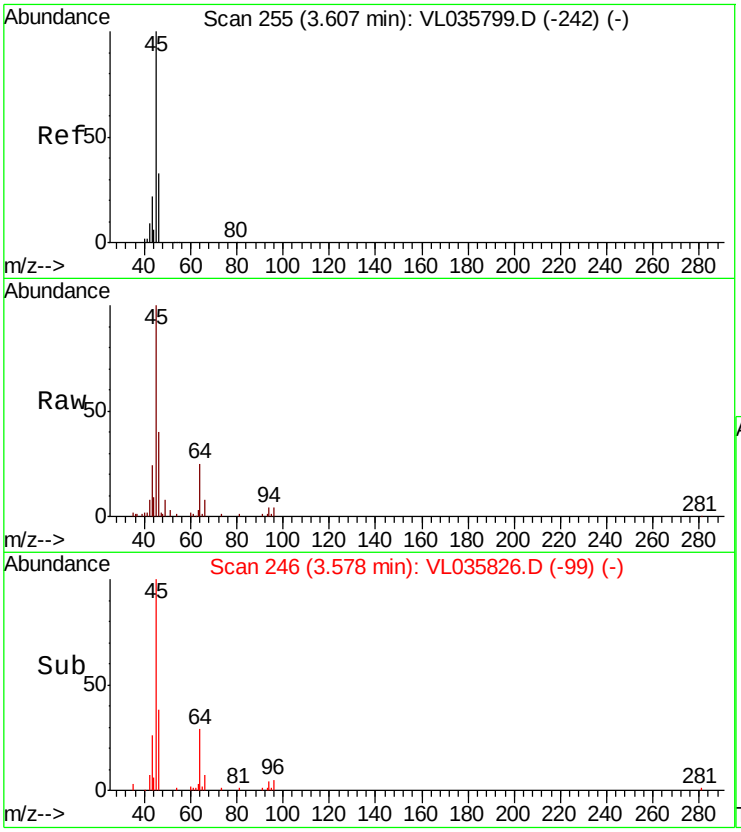


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.977 ppbv
RT: 4.46 min Scan# 520
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion:101 Resp: 1914511

Ion	Ratio	Lower	Upper
101	100		
151	70.2	58.9	88.3

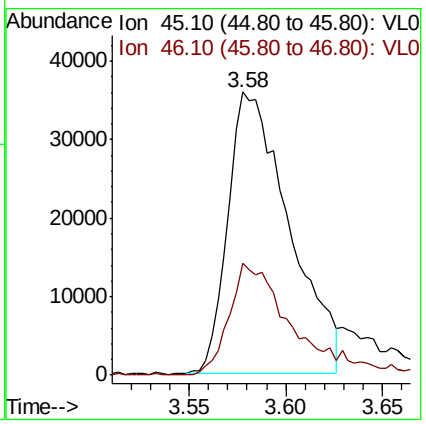




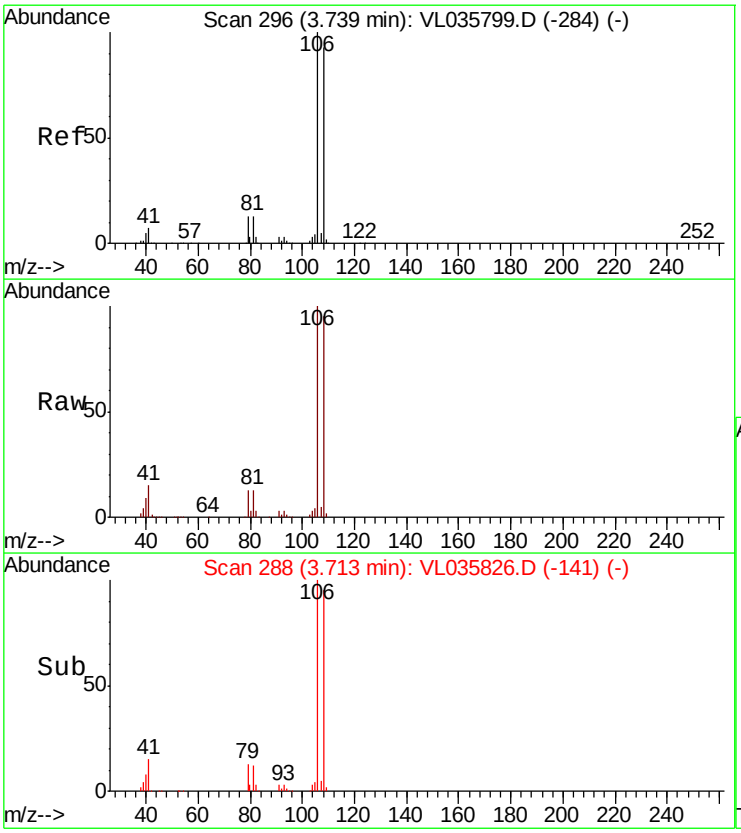
#13
Ethanol
Concen: 7.614 ppbv
RT: 3.58 min Scan# 246
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion: 45 Resp: 78931

Ion	Ratio	Lower	Upper
45	100		
46	43.6	16.1	64.5



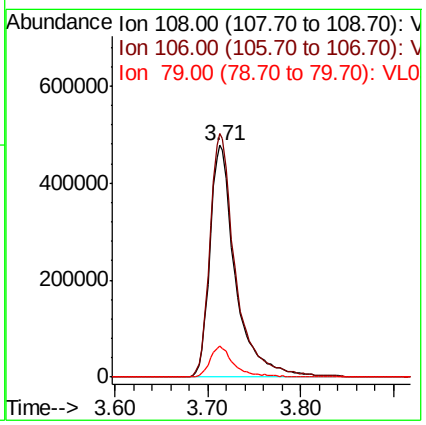
Instrument :
MSVOA_L
ClientSampleId :

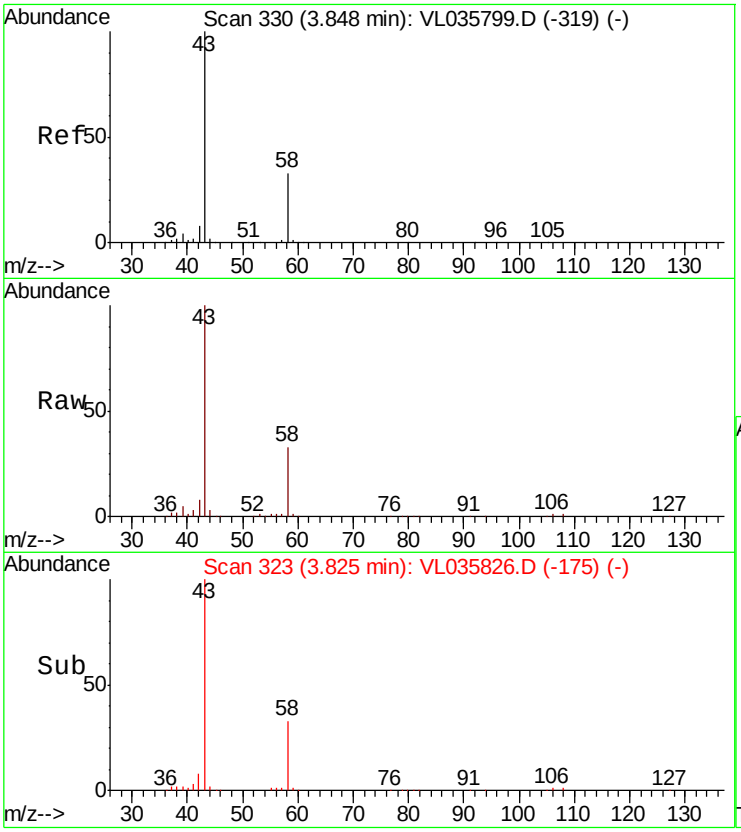


#14
Bromoethene
Concen: 10.346 ppbv
RT: 3.71 min Scan# 288
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion:108 Resp: 913692

Ion	Ratio	Lower	Upper
108	100		
106	105.9	85.3	127.9
79	13.0	11.6	17.4



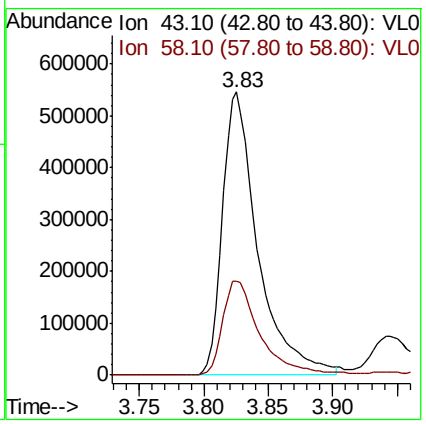


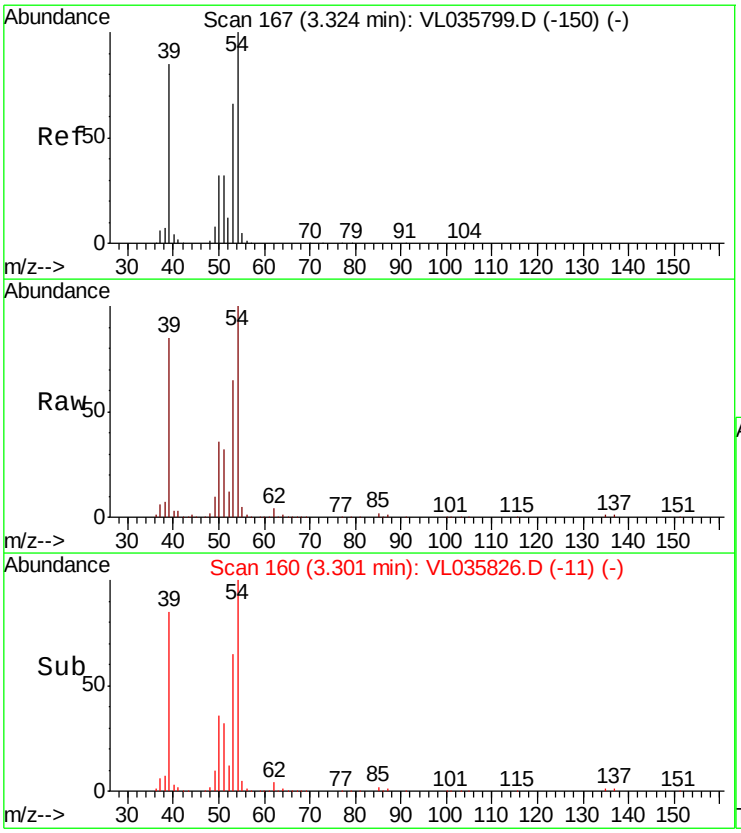
#15
Acetone
Concen: 8.941 ppbv
RT: 3.83 min Scan# 323
Delta R.T. -0.02 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 1042143

Ion	Ratio	Lower	Upper
43	100		
58	35.3	27.5	41.3

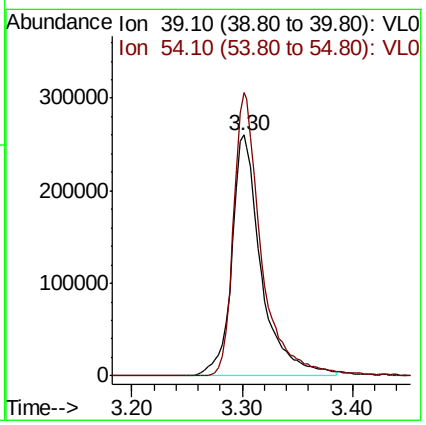


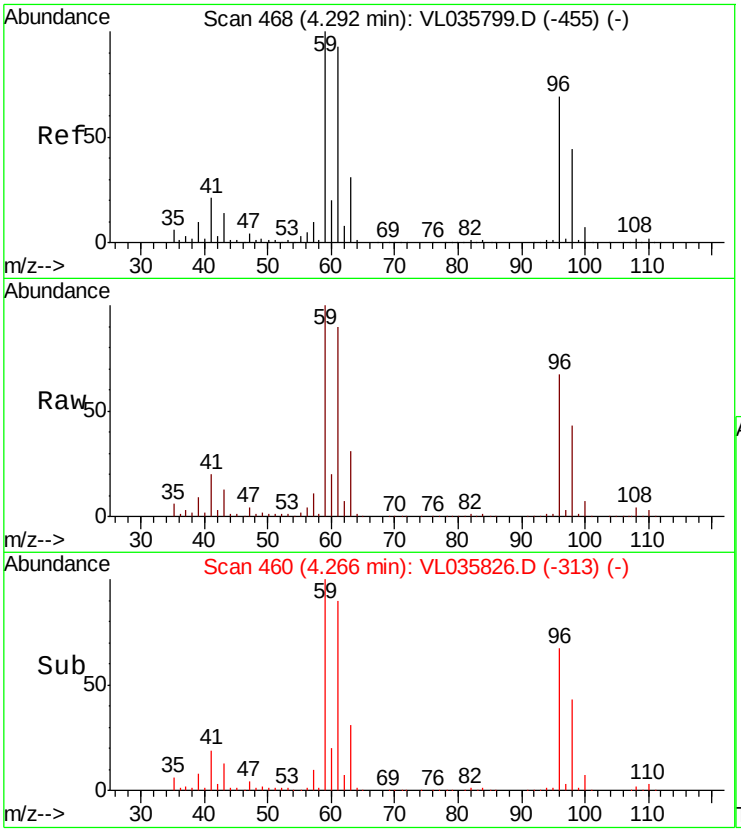


#16
1,3-Butadiene
Concen: 9.569 ppbv
RT: 3.30 min Scan# 160
Delta R.T. -0.02 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion: 39 Resp: 480220

Ion	Ratio	Lower	Upper
39	100		
54	112.9	87.1	130.7



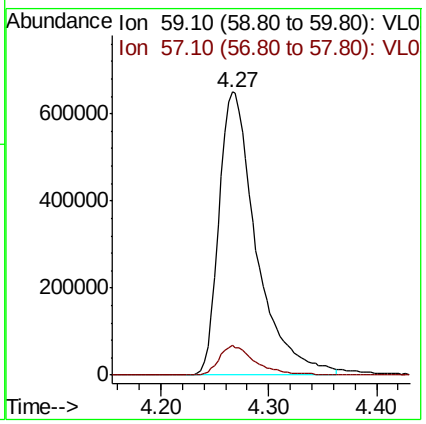


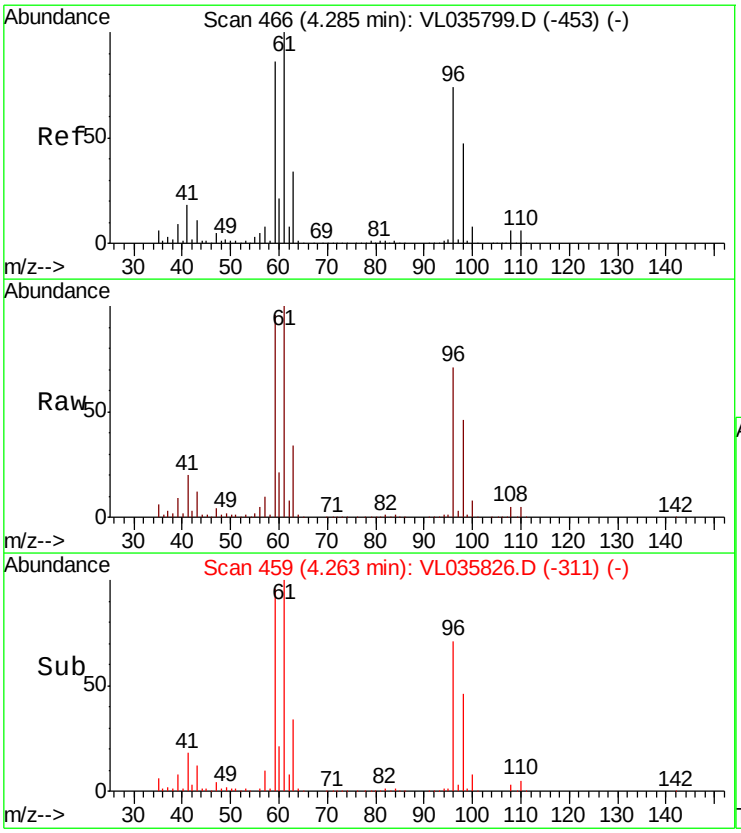
#17
tert-Butyl alcohol
Concen: 10.147 ppbv
RT: 4.27 min Scan# 460
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 59 Resp: 1567407

Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.2	12.4

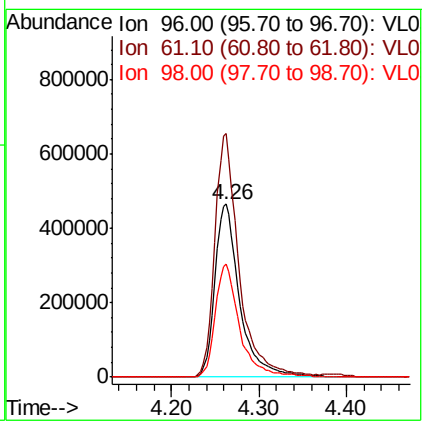


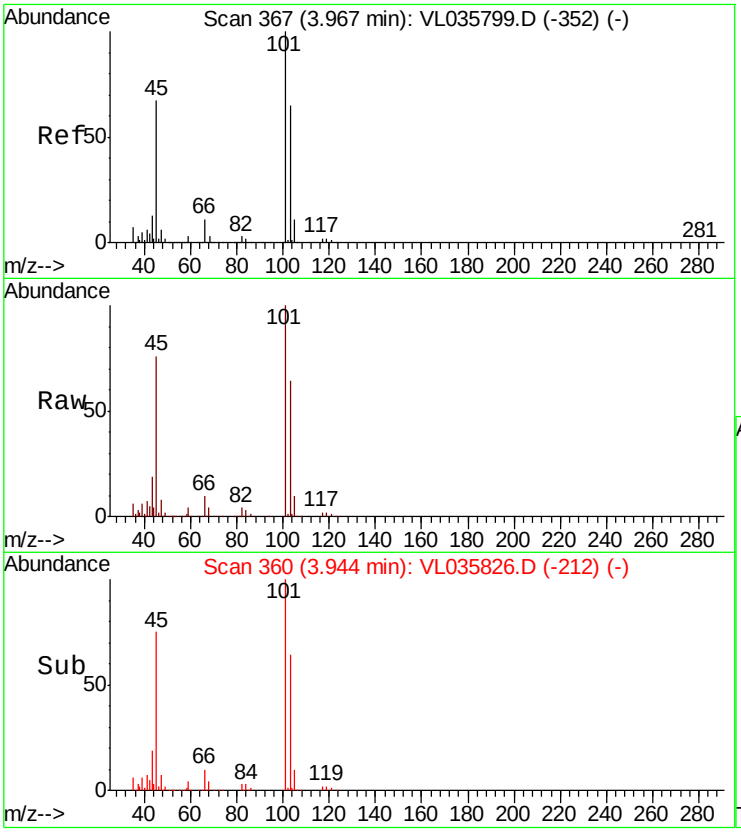


#18
1,1-Dichloroethene
Concen: 10.393 ppbv
RT: 4.26 min Scan# 459
Delta R.T. -0.02 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion: 96 Resp: 915699

Ion	Ratio	Lower	Upper
96	100		
61	140.9	108.5	162.7
98	65.2	50.7	76.1



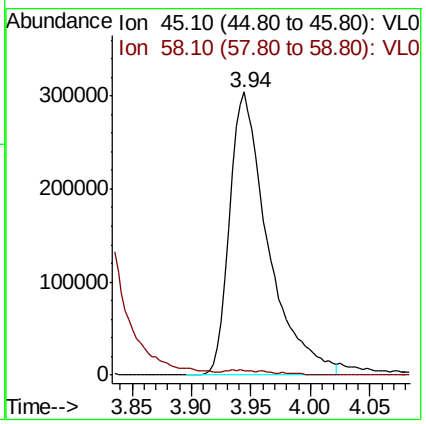


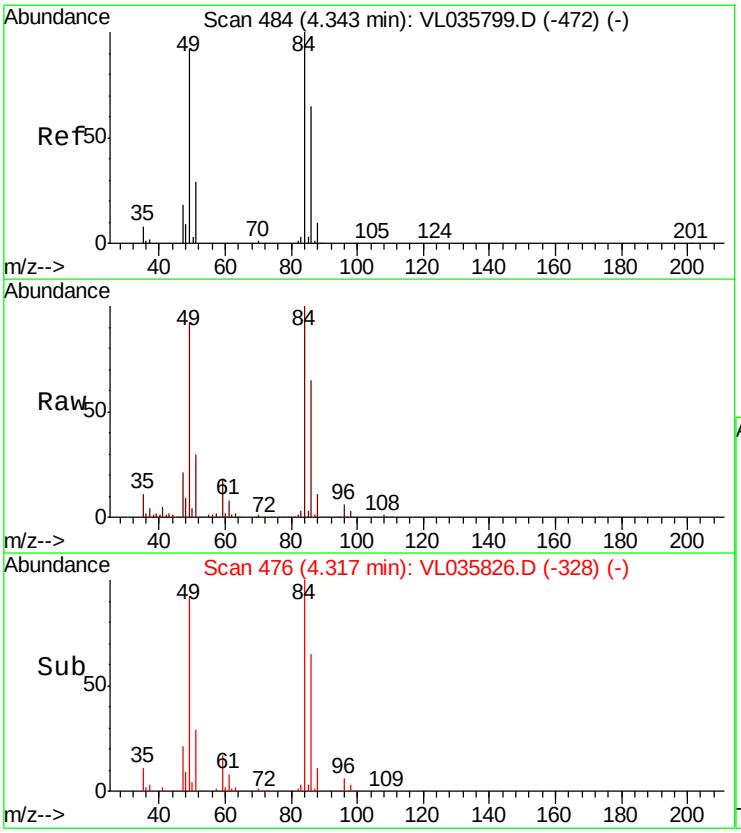
#19
Isopropyl Alcohol
Concen: 9.487 ppbv
RT: 3.94 min Scan# 360
Delta R.T. -0.02 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 679514

Ion	Ratio	Lower	Upper
45	100		
58	2.5	2.6	3.8#

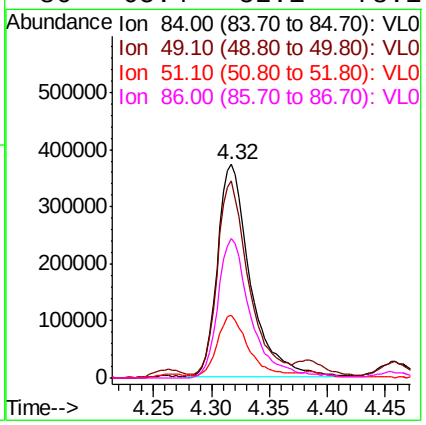


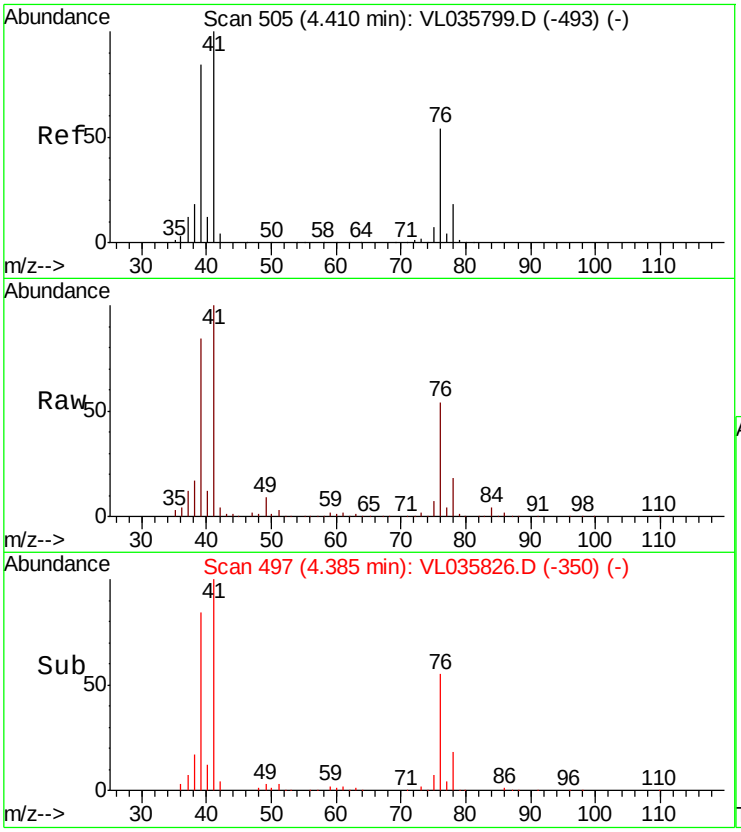


#20
Methylene Chloride
Concen: 8.994 ppbv
RT: 4.32 min Scan# 476
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion: 84 Resp: 737968

Ion	Ratio	Lower	Upper
84	100		
49	90.8	73.8	110.8
51	28.7	23.0	34.4
86	65.4	52.1	78.1



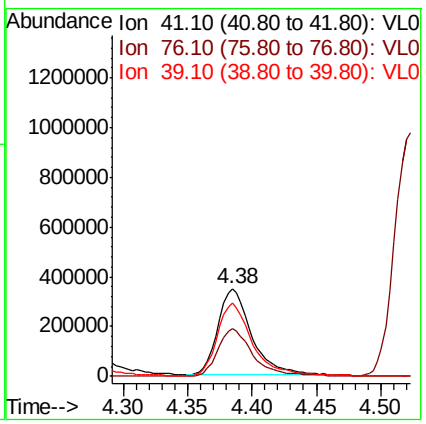


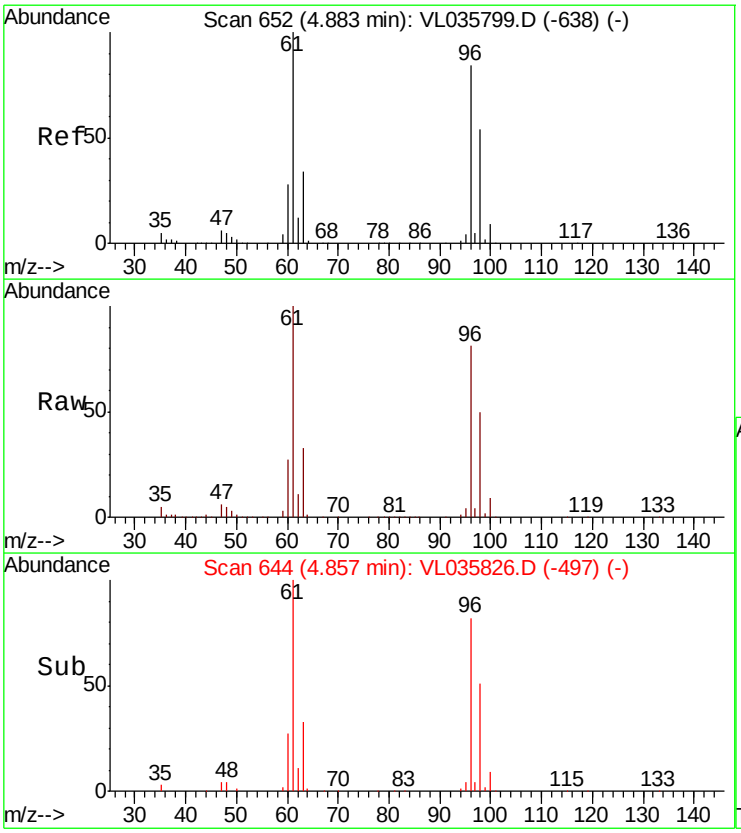
#21
Allyl Chloride
Concen: 10.000 ppbv
RT: 4.38 min Scan# 497
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 630332

Ion	Ratio	Lower	Upper
41	100		
76	57.9	42.6	63.8
39	88.8	67.0	100.4

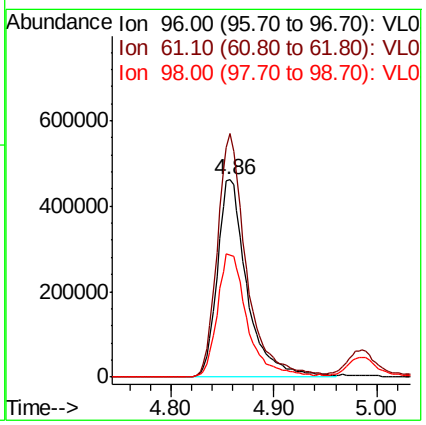


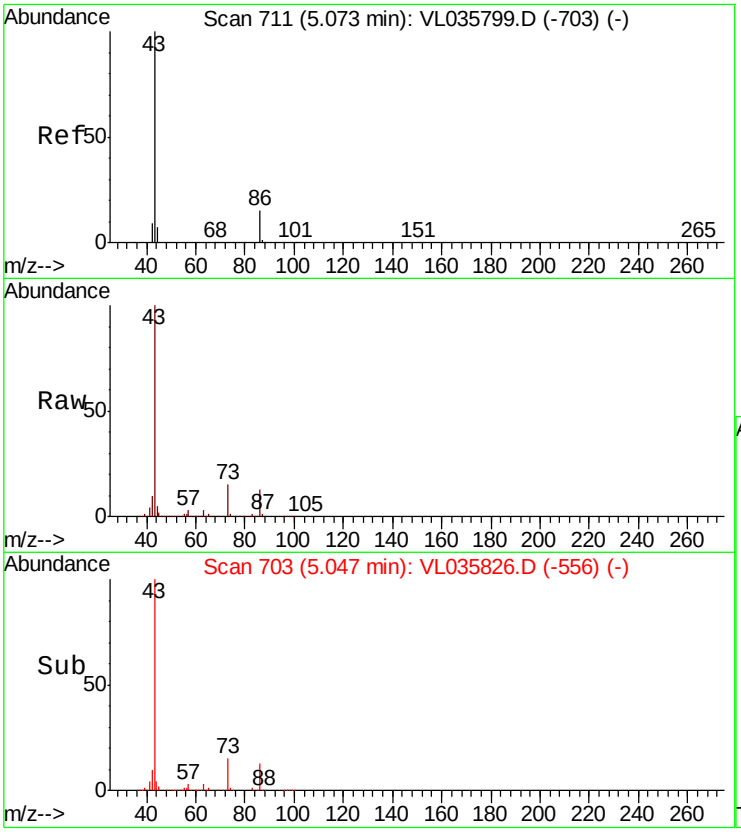


#22
trans-1,2-Dichloroethene
Concen: 10.391 ppbv
RT: 4.86 min Scan# 644
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion: 96 Resp: 928098

Ion	Ratio	Lower	Upper
96	100		
61	123.2	95.4	143.0
98	61.9	51.8	77.6



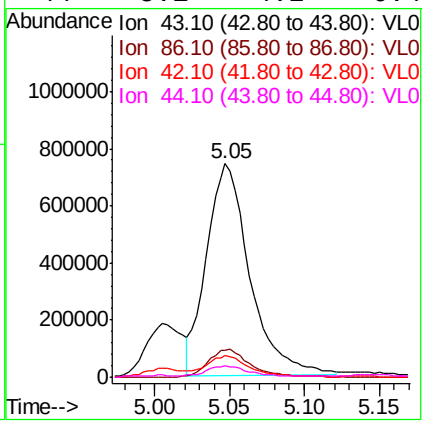


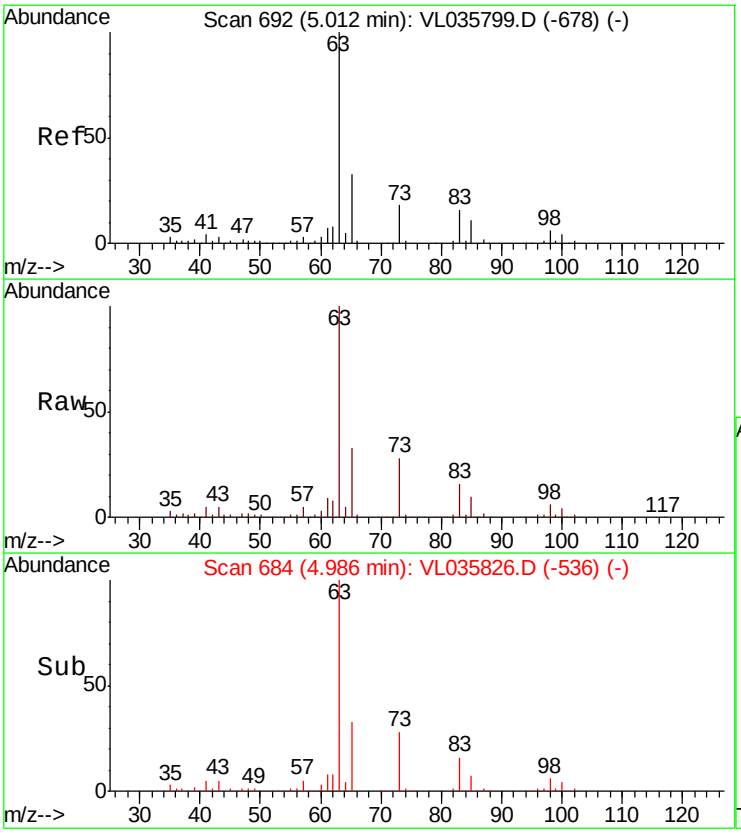
#23
Vinyl Acetate
Concen: 9.148 ppbv
RT: 5.05 min Scan# 703
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 1494652

Ion	Ratio	Lower	Upper
43	100		
86	12.8	9.8	14.6
42	10.1	8.1	12.1
44	5.1	4.2	6.4

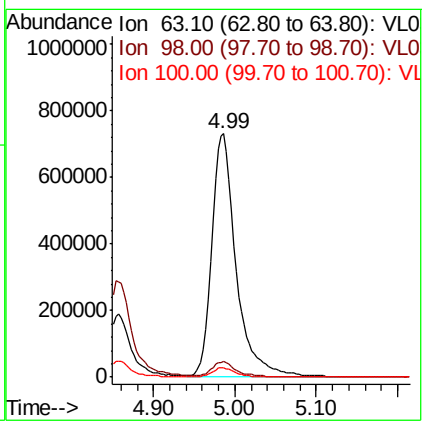


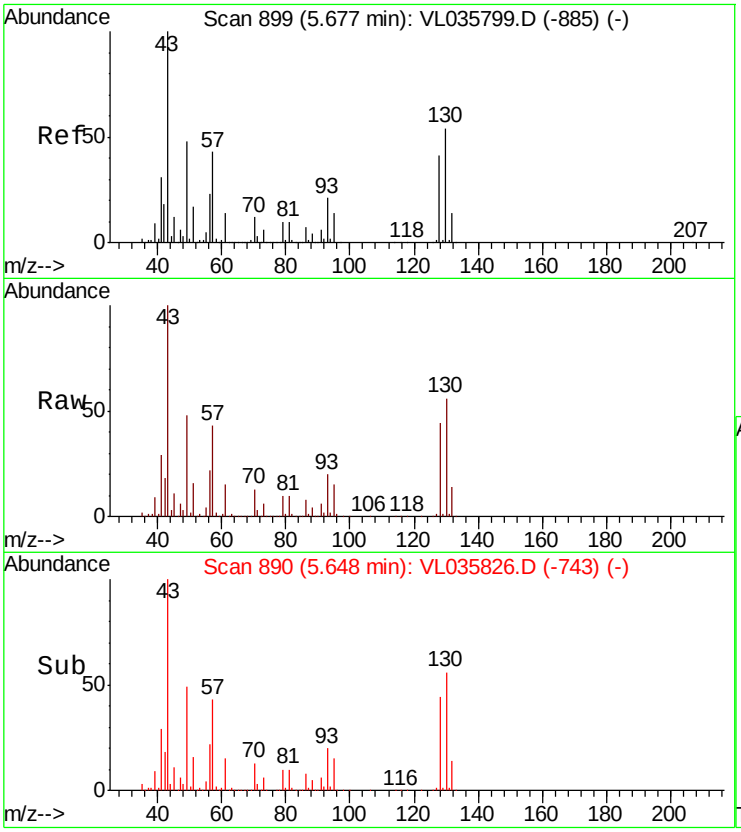


#24
1,1-Dichloroethane
Concen: 9.837 ppbv
RT: 4.99 min Scan# 684
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion: 63 Resp: 1531204

Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.0	9.2
100	3.8	1.8	5.4



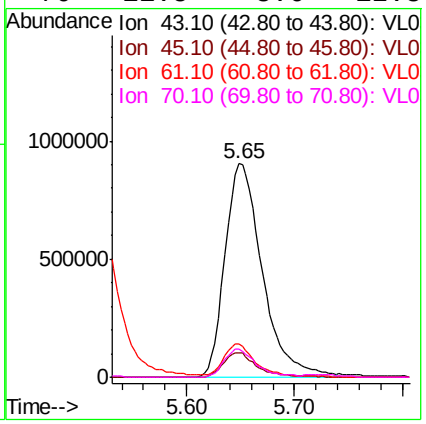


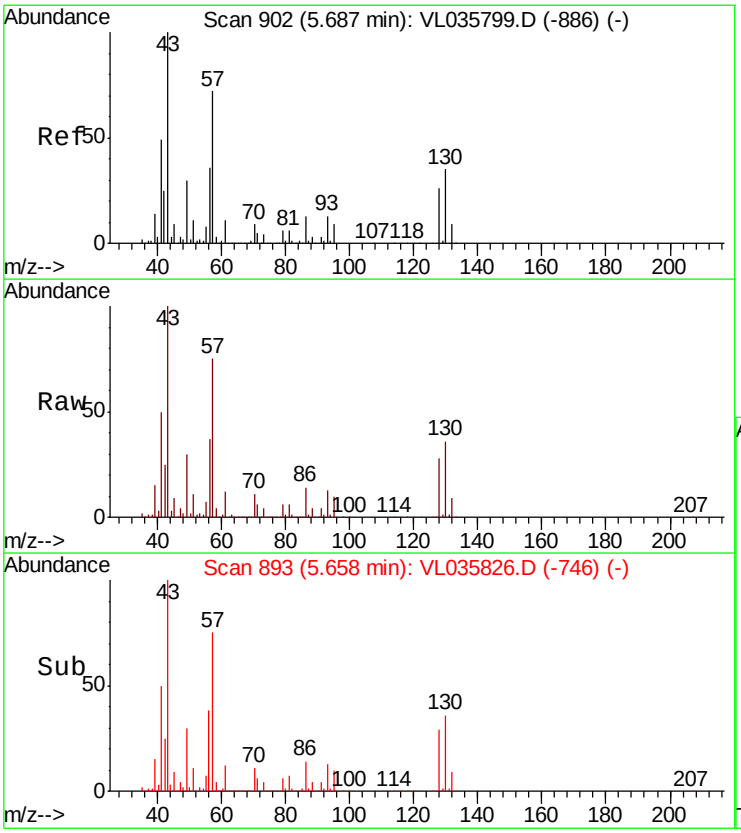
#25
Ethyl Acetate
Concen: 9.479 ppbv
RT: 5.65 min Scan# 890
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 2176512

Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.5	12.7
61	13.9	10.7	16.1
70	11.5	8.6	12.8

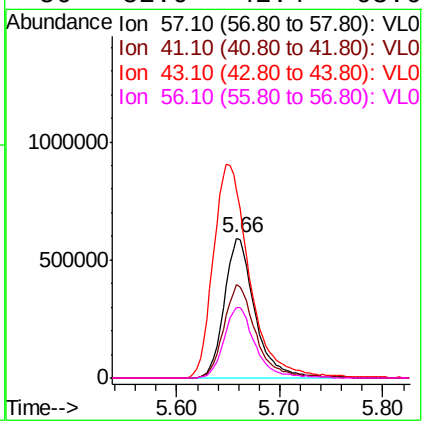


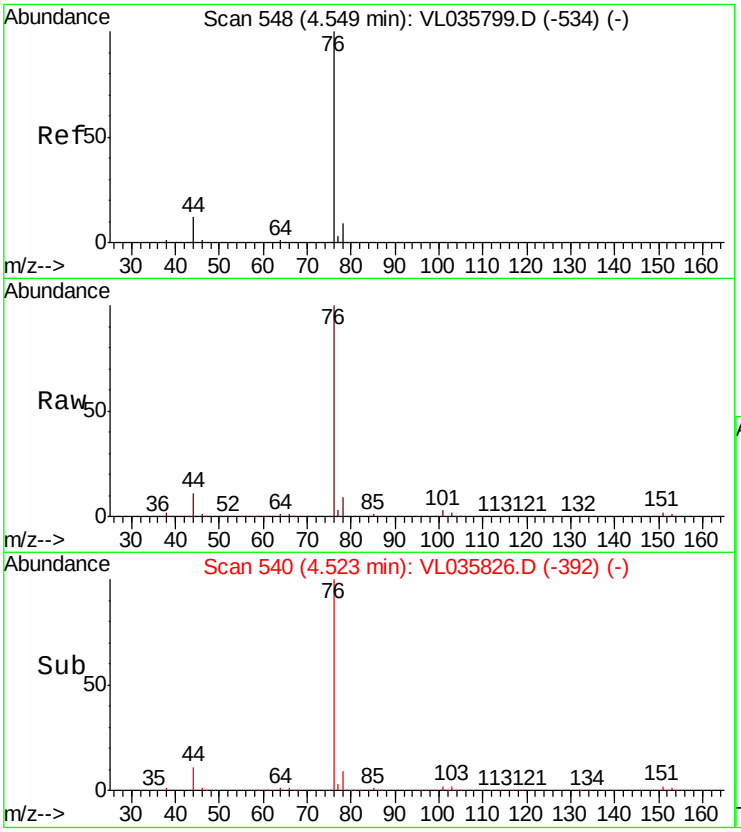


#26
Hexane
Concen: 9.640 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion: 57 Resp: 1220806

Ion	Ratio	Lower	Upper
57	100		
41	70.2	58.9	88.3
43	180.7	150.2	225.2
56	52.0	42.4	63.6



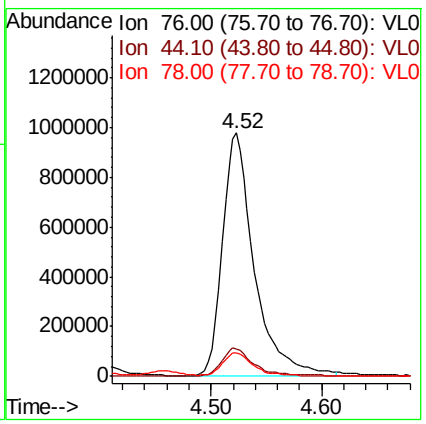


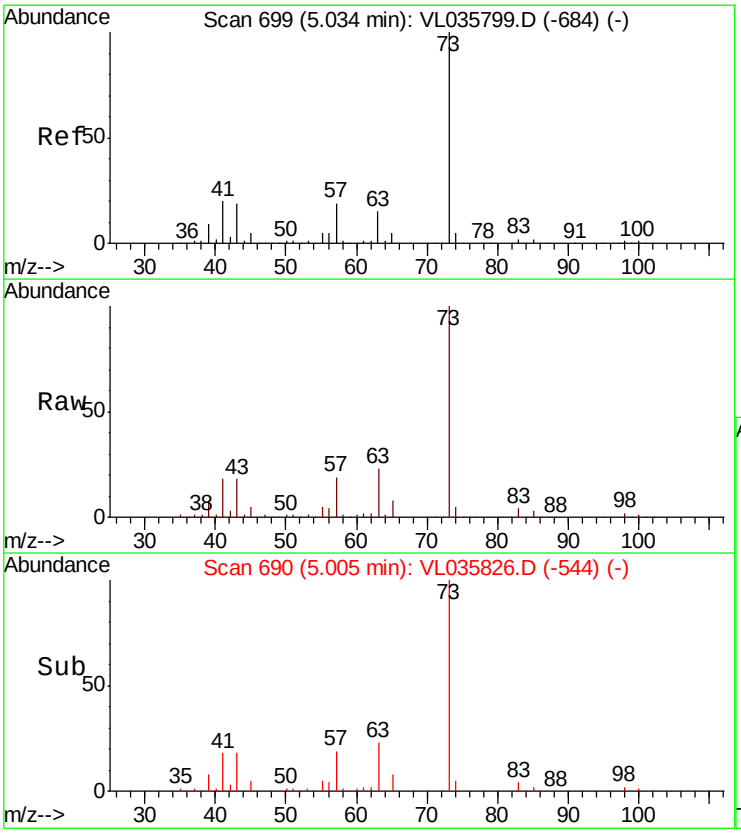
#27
Carbon Disulfide
Concen: 10.259 ppbv
RT: 4.52 min Scan# 540
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 76 Resp: 1946663

Ion	Ratio	Lower	Upper
76	100		
44	11.7	9.9	14.9
78	10.1	8.1	12.1

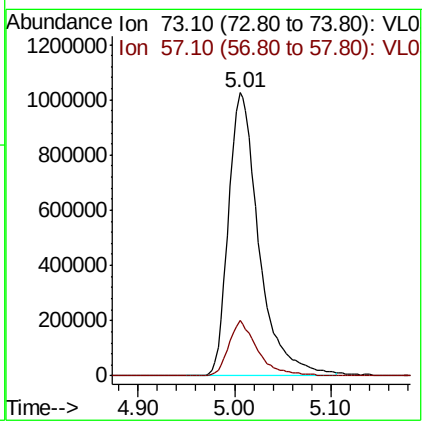


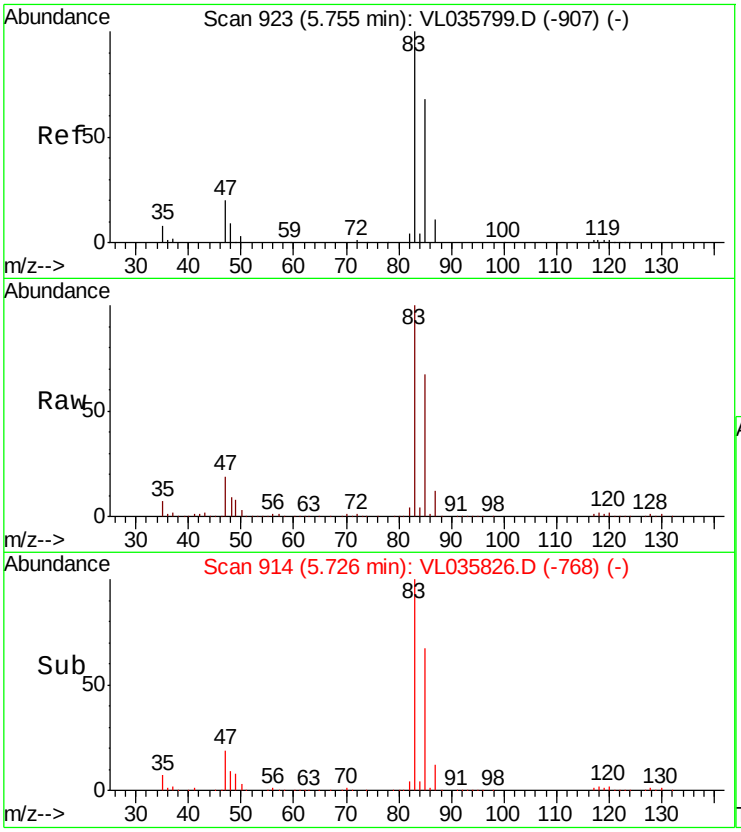


#28
Methyl tert-Butyl Ether
Concen: 9.898 ppbv
RT: 5.01 min Scan# 690
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion: 73 Resp: 2250934

Ion	Ratio	Lower	Upper
73	100		
57	18.6	15.4	23.2



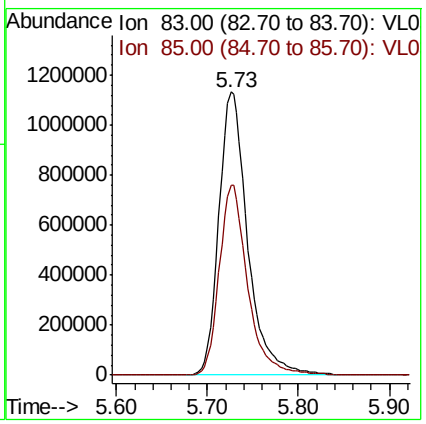


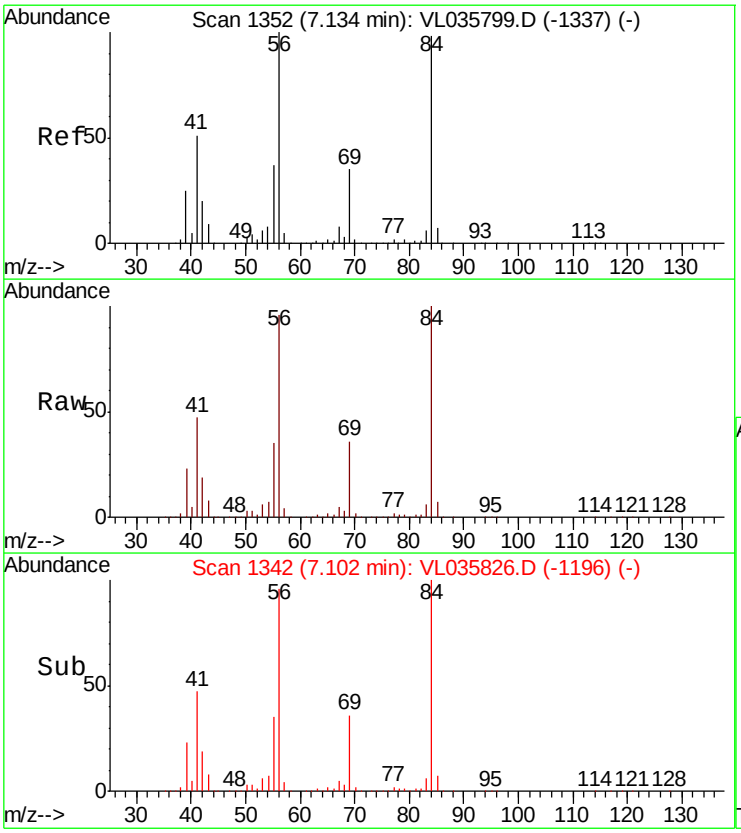
#29
Chloroform
Concen: 10.015 ppbv
RT: 5.73 min Scan# 914
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 2492593

Ion	Ratio	Lower	Upper
83	100		
85	66.8	54.6	81.8

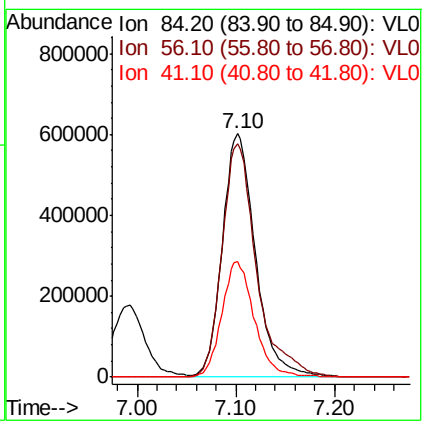


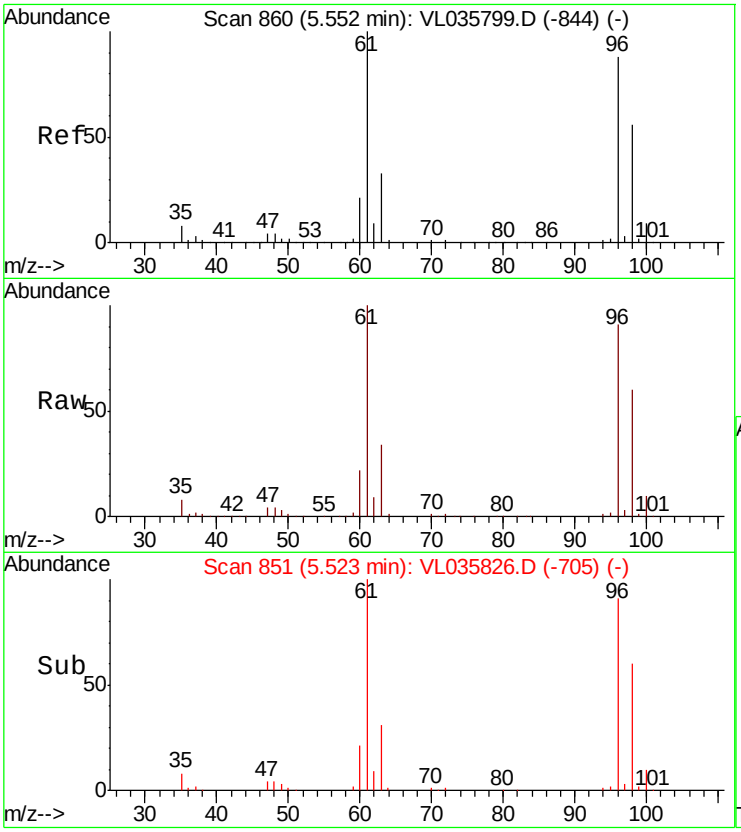


#30
Cyclohexane
Concen: 10.137 ppbv
RT: 7.10 min Scan# 1342
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion: 84 Resp: 1398182

Ion	Ratio	Lower	Upper
84	100		
56	101.5	86.4	129.6
41	47.2	42.1	63.1



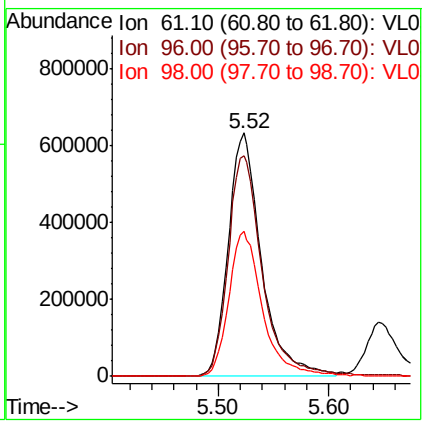


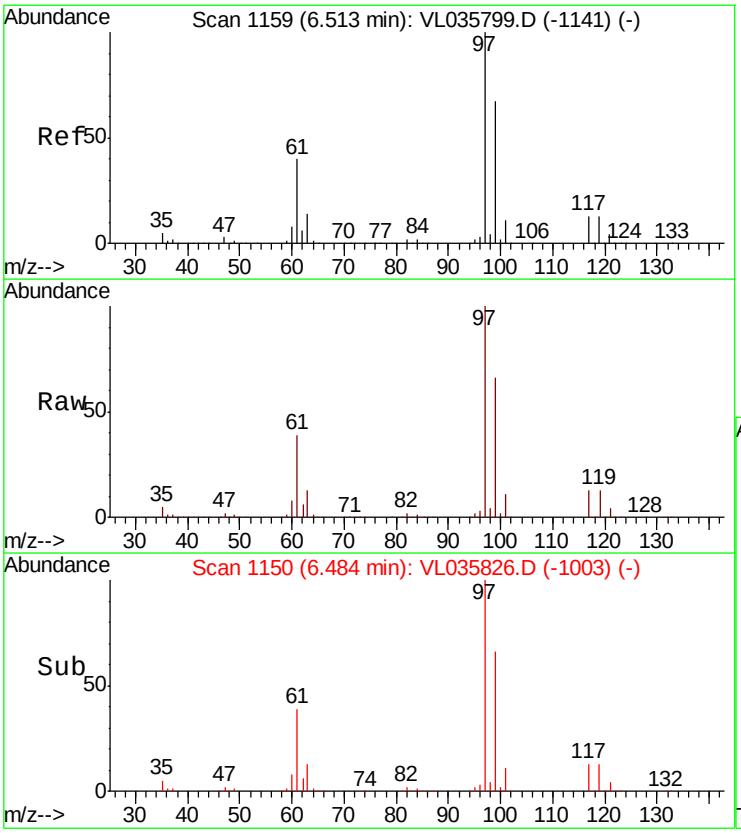
#31
cis-1,2-Dichloroethene
Concen: 10.138 ppbv
RT: 5.52 min Scan# 851
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 61 Resp: 1320678

Ion	Ratio	Lower	Upper
61	100		
96	90.7	70.3	105.5
98	59.7	45.0	67.6

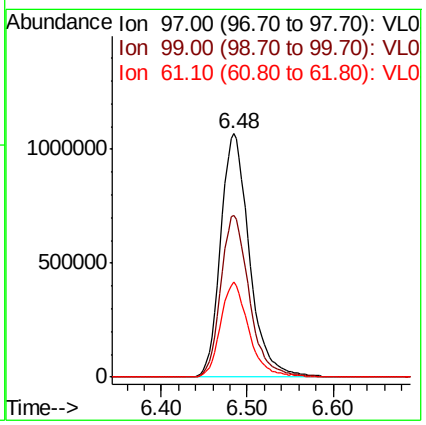


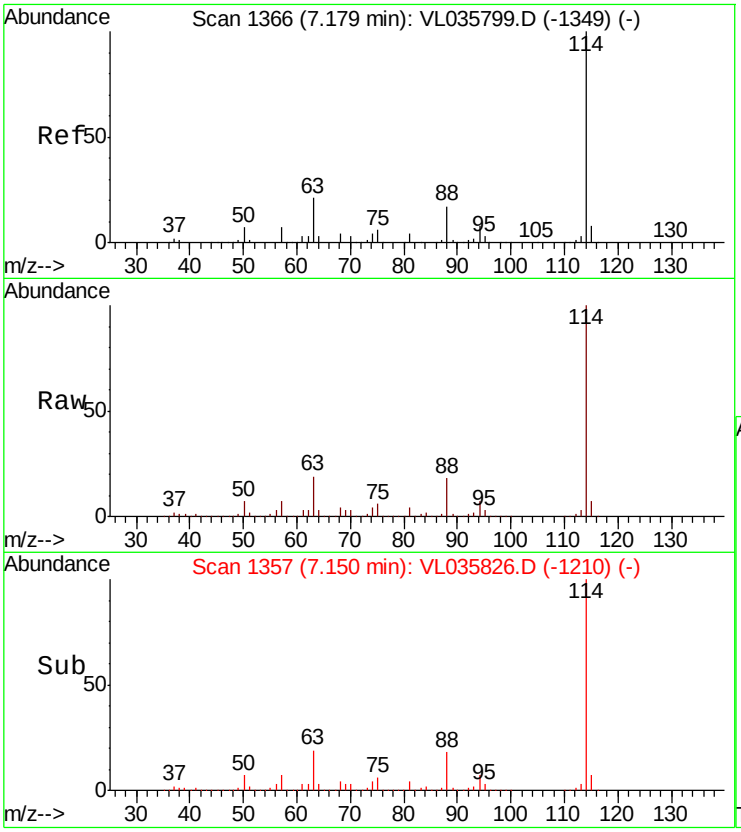


#32
1,1,1-Trichloroethane
Concen: 9.588 ppbv
RT: 6.48 min Scan# 1150
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion: 97 Resp: 2490179

Ion	Ratio	Lower	Upper
97	100		
99	65.9	52.3	78.5
61	38.4	32.0	48.0



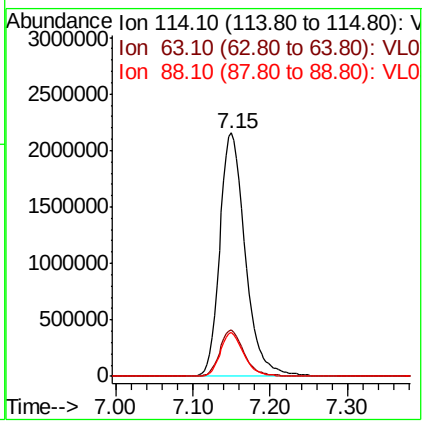


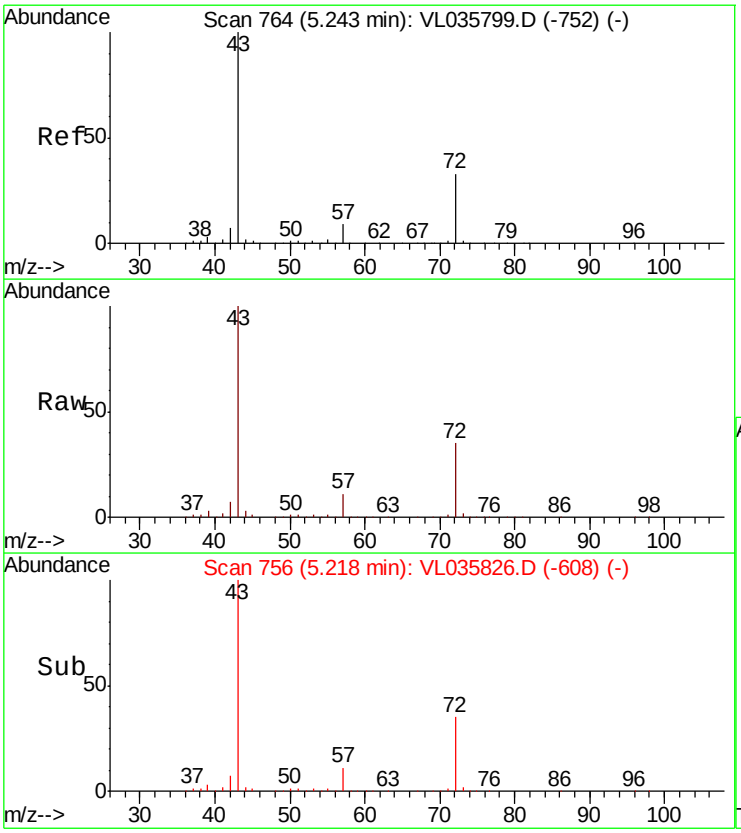
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 4933941

Ion	Ratio	Lower	Upper
114	100		
63	18.4	16.1	24.1
88	16.8	13.7	20.5

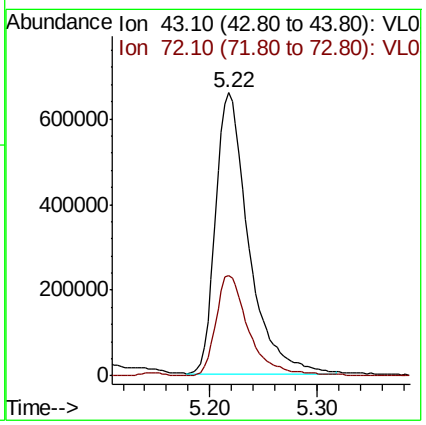


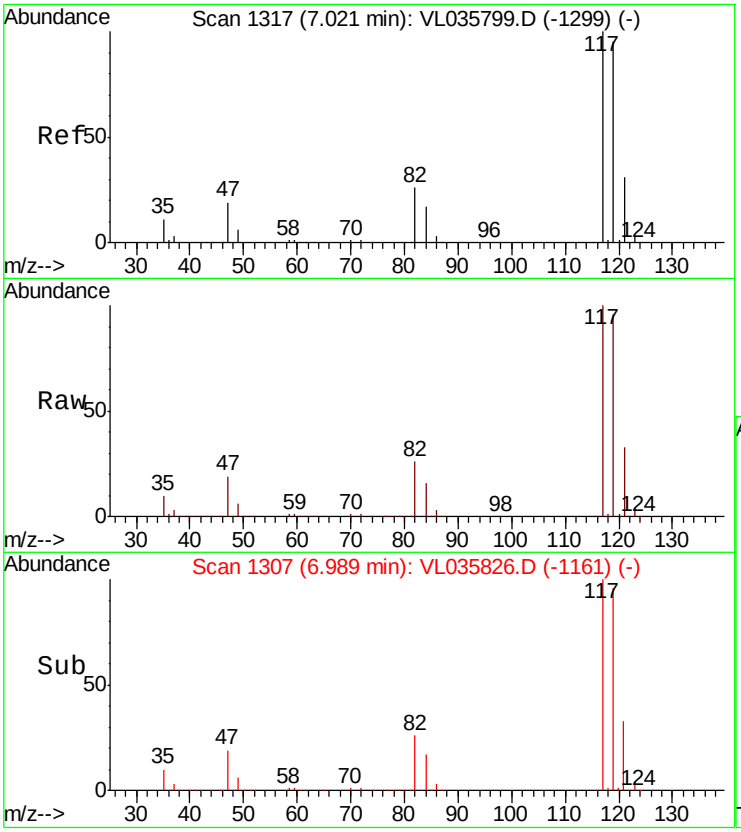


#34
2-Butanone
Concen: 8.754 ppbv
RT: 5.22 min Scan# 756
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion: 43 Resp: 1401790

Ion	Ratio	Lower	Upper
43	100		
72	36.3	26.5	39.7



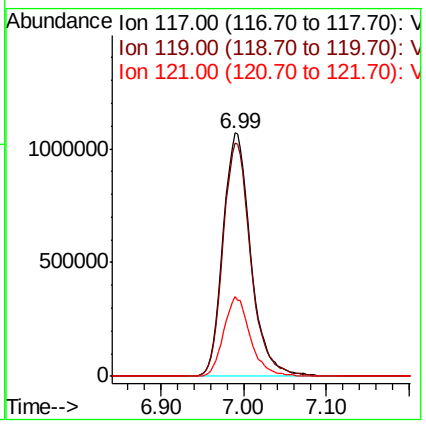


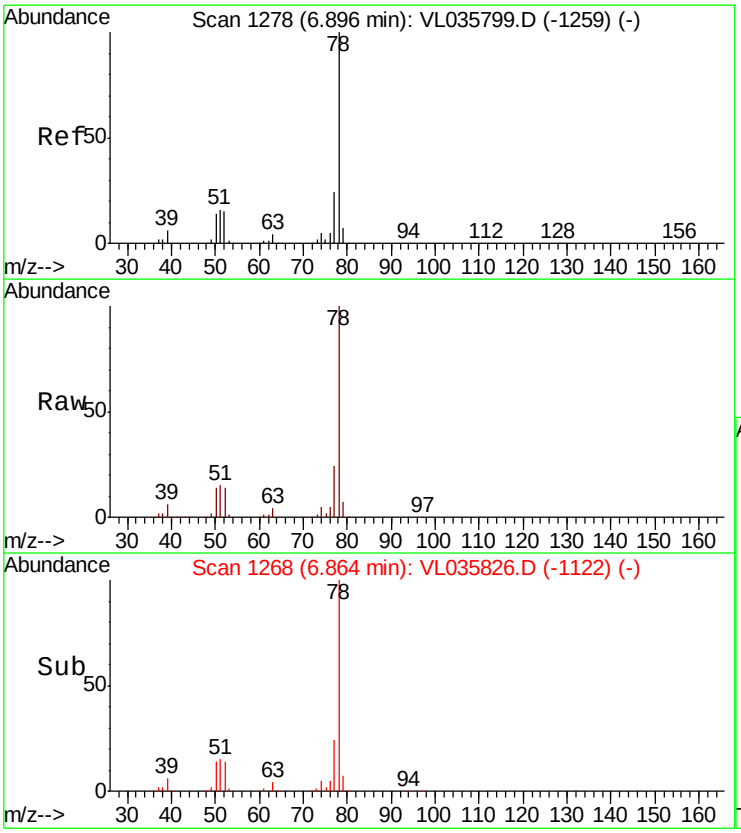
#35
Carbon Tetrachloride
Concen: 9.428 ppbv
RT: 6.99 min Scan# 1307
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2485439

Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.6	113.4
121	32.8	25.1	37.7

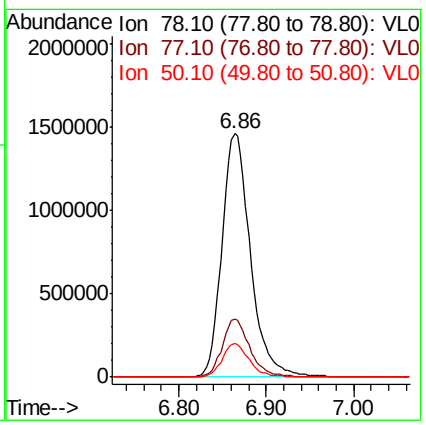


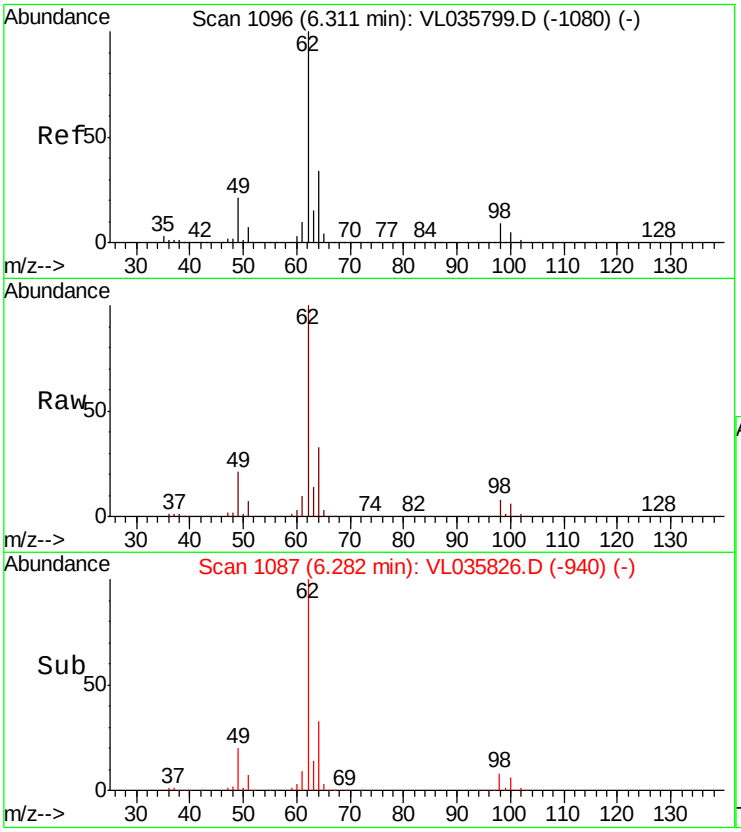


#36
Benzene
Concen: 9.009 ppbv
RT: 6.86 min Scan# 1268
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion: 78 Resp: 3304681

Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.3	28.9
50	13.8	11.4	17.2



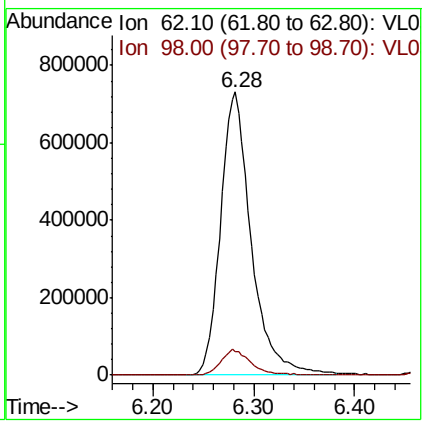


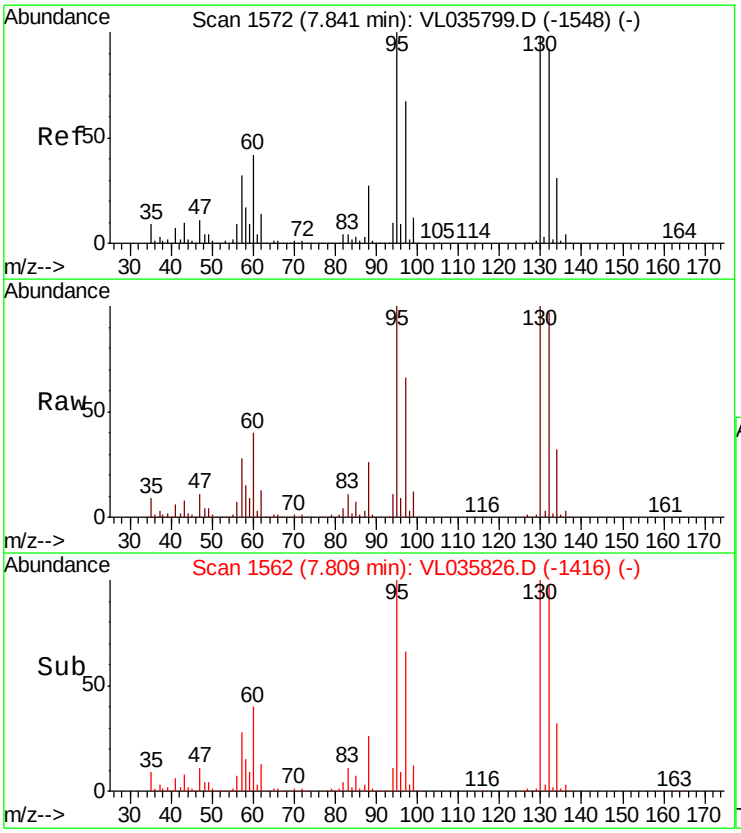
#37
1,2-Dichloroethane
Concen: 9.317 ppbv
RT: 6.28 min Scan# 1087
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 62 Resp: 1548304

Ion	Ratio	Lower	Upper
62	100		
98	8.9	6.9	10.3

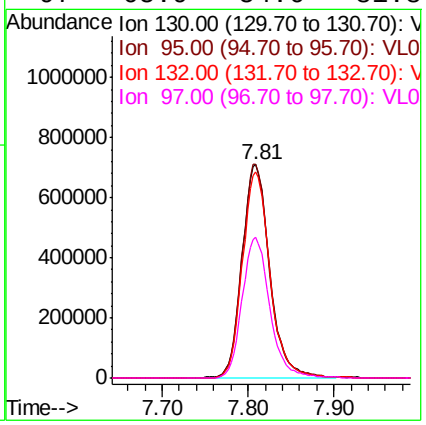


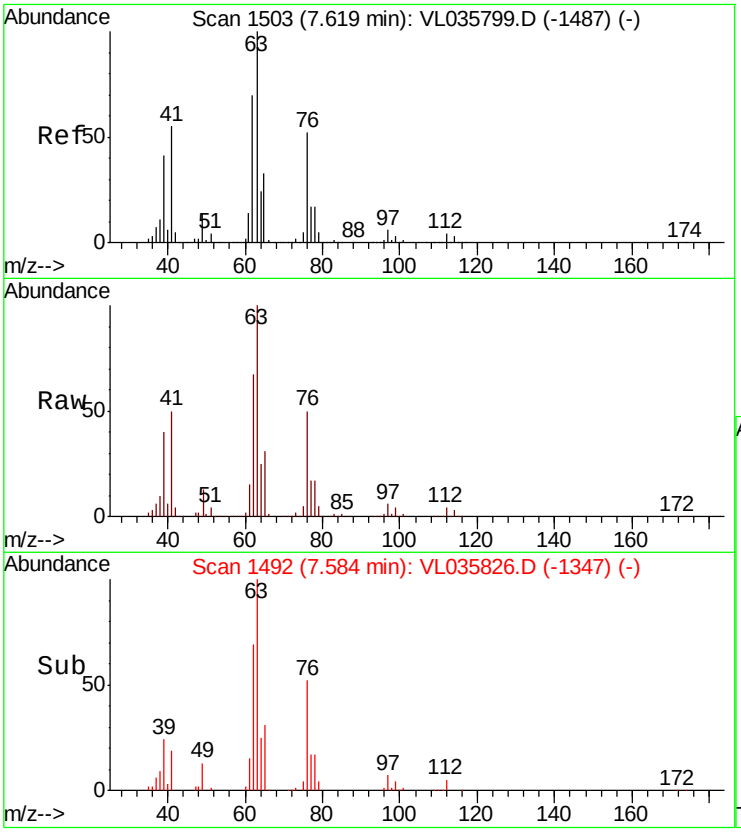


#38
Trichloroethene
Concen: 8.871 ppbv
RT: 7.81 min Scan# 1562
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion:130 Resp: 1589329

Ion	Ratio	Lower	Upper
130	100		
95	100.1	81.6	122.4
132	96.7	75.1	112.7
97	65.9	54.6	81.8



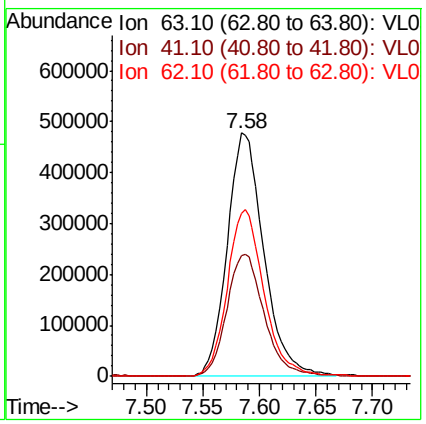


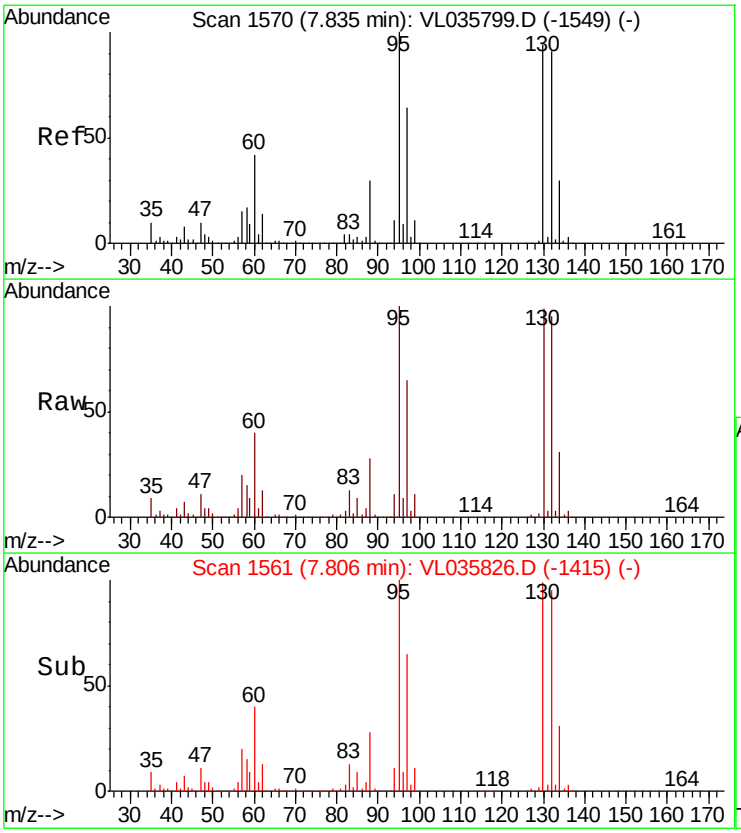
#39
1,2-Dichloropropane
Concen: 8.719 ppbv
RT: 7.58 min Scan# 1492
Delta R.T. -0.04 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 1076796

Ion	Ratio	Lower	Upper
63	100		
41	49.7	43.8	65.6
62	66.8	56.2	84.2

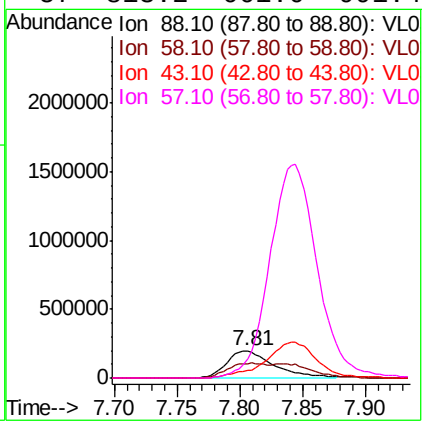


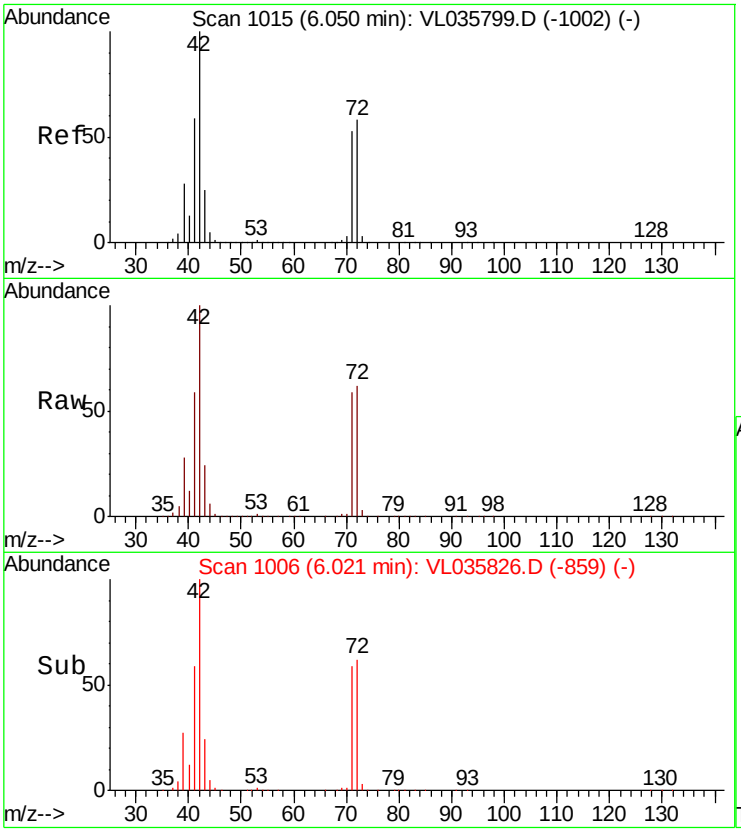


#40
1,4-Dioxane
Concen: 8.628 ppbv
RT: 7.81 min Scan# 1561
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion: 88 Resp: 505002

Ion	Ratio	Lower	Upper
88	100		
58	92.1	76.2	114.2
43	147.5	123.1	184.7
57	813.2	661.0	991.4



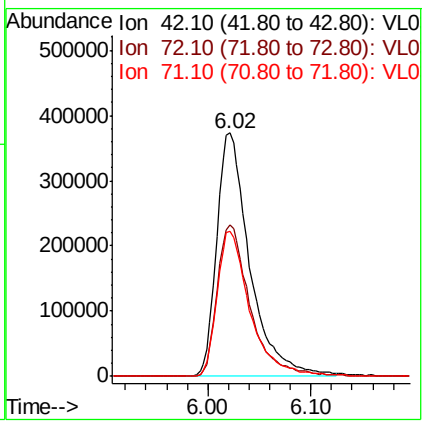


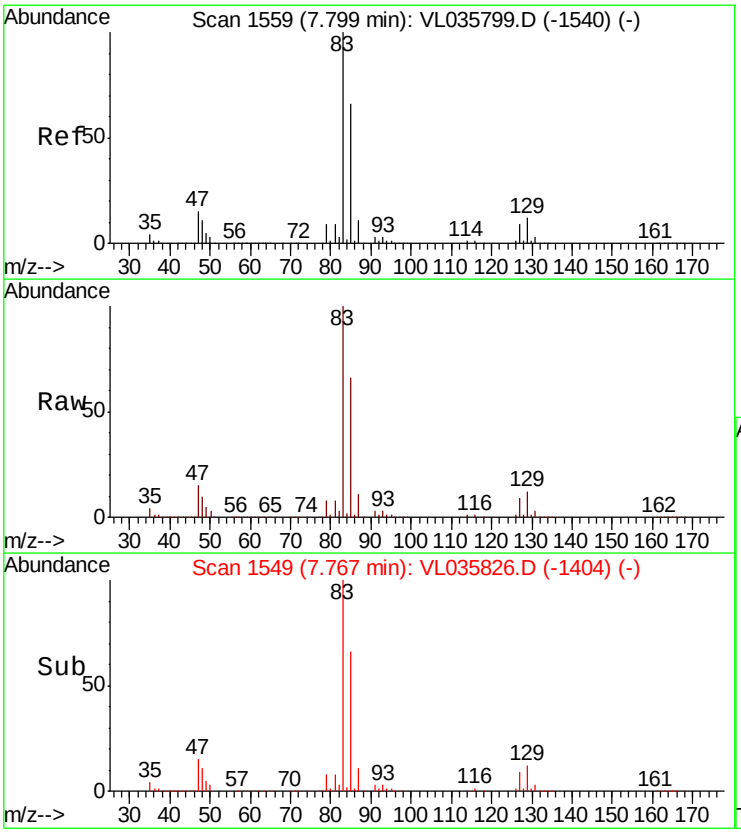
#41
Tetrahydrofuran
Concen: 9.156 ppbv
RT: 6.02 min Scan# 1006
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 42 Resp: 832971

Ion	Ratio	Lower	Upper
42	100		
72	62.5	45.4	68.0
71	59.6	43.4	65.2

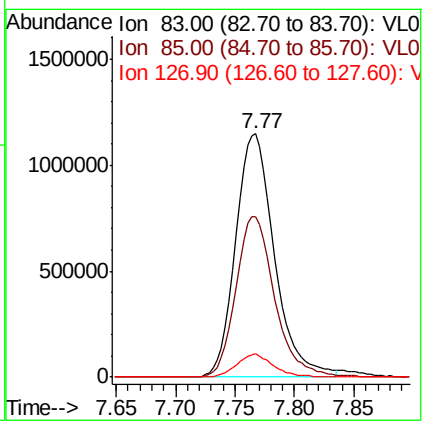


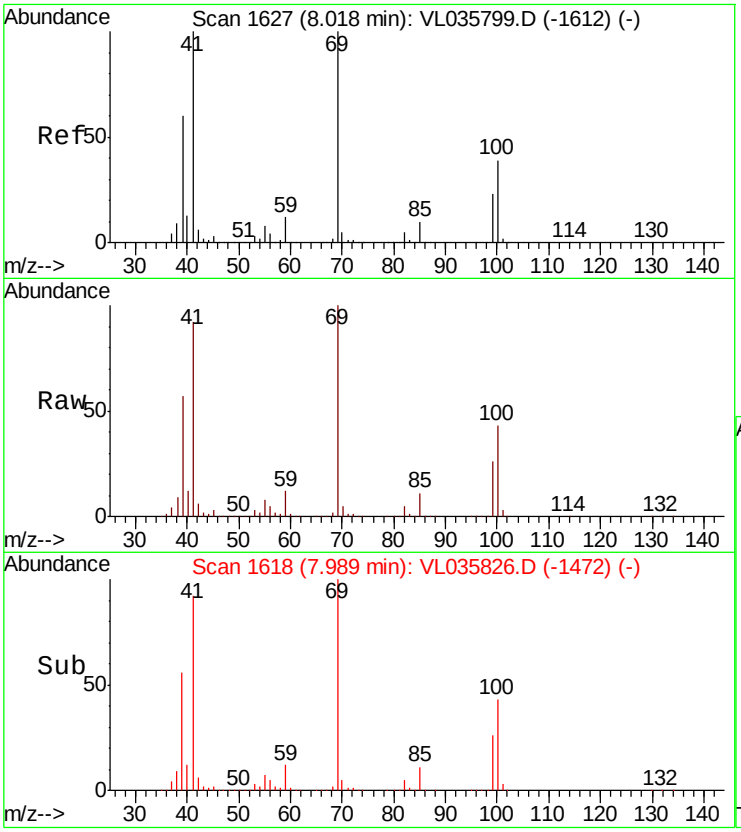


#42
Bromodichloromethane
Concen: 9.267 ppbv
RT: 7.77 min Scan# 1549
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion: 83 Resp: 2598387

Ion	Ratio	Lower	Upper
83	100		
85	66.0	53.1	79.7
127	9.4	7.3	10.9



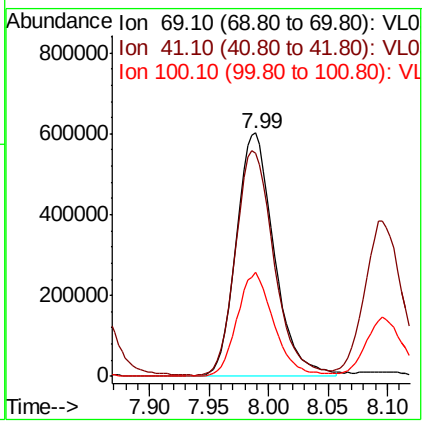


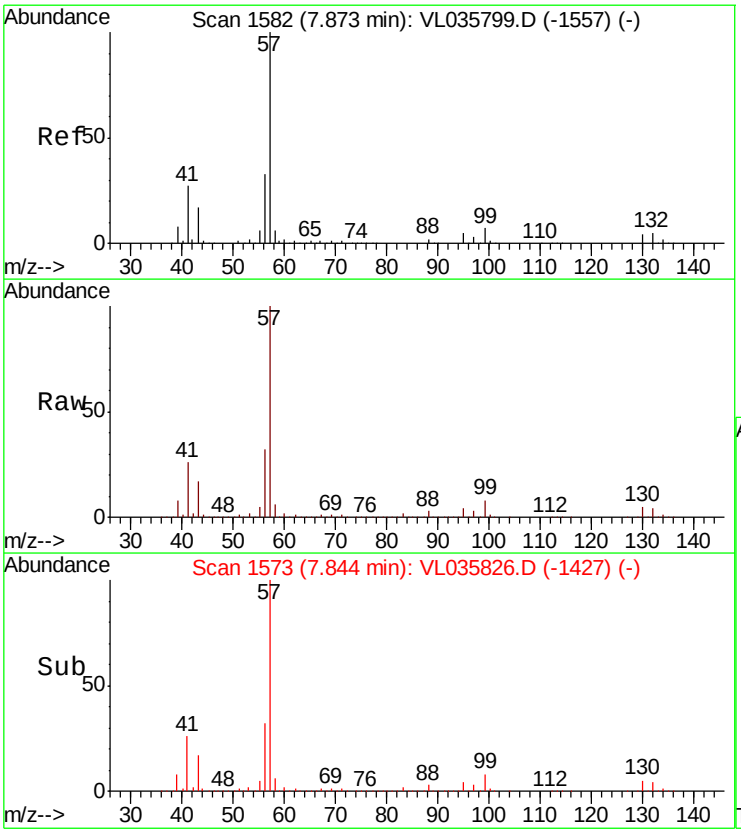
#43
Methyl Methacrylate
Concen: 9.493 ppbv
RT: 7.99 min Scan# 1618
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 69 Resp: 1328118

Ion	Ratio	Lower	Upper
69	100		
41	94.2	81.1	121.7
100	41.5	31.0	46.4

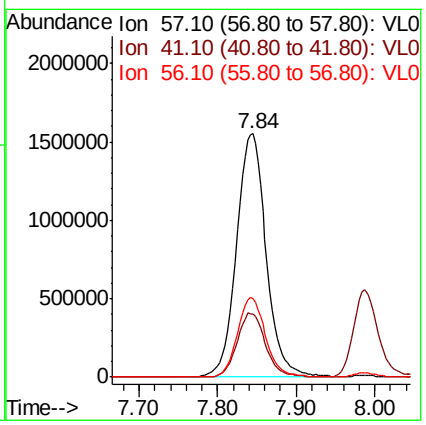


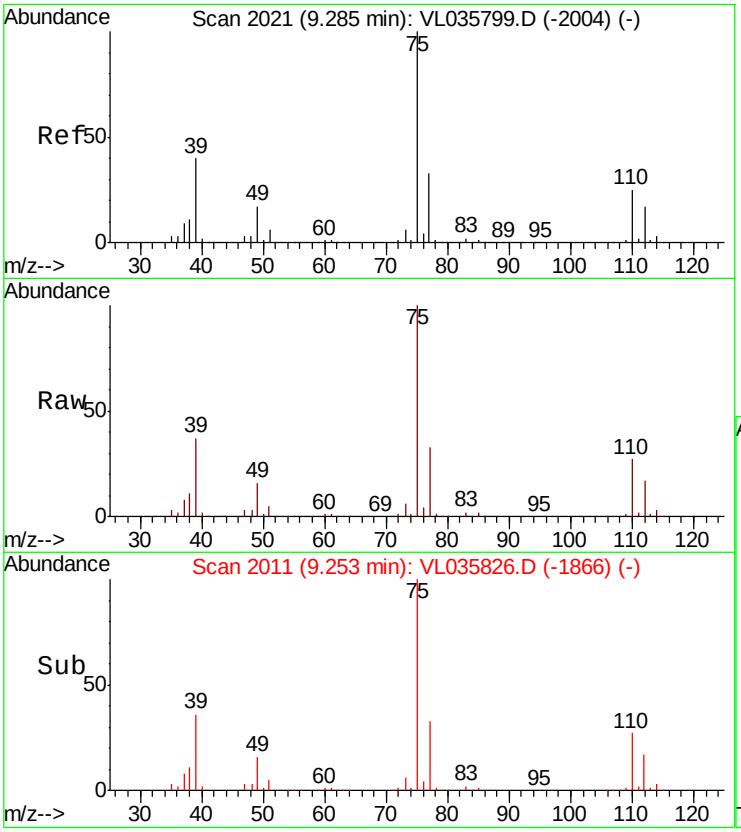


#44
2,2,4-Trimethylpentane
Concen: 8.461 ppbv
RT: 7.84 min Scan# 1573
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion: 57 Resp: 4107009

Ion	Ratio	Lower	Upper
57	100		
41	25.3	21.0	31.4
56	31.2	25.4	38.0



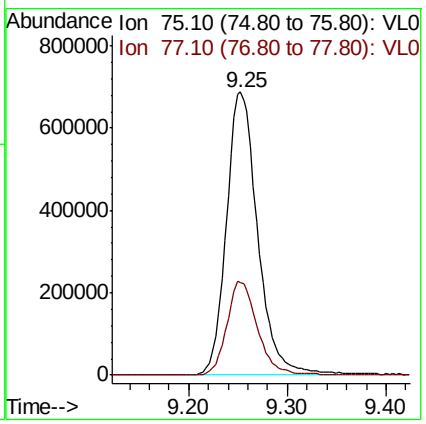


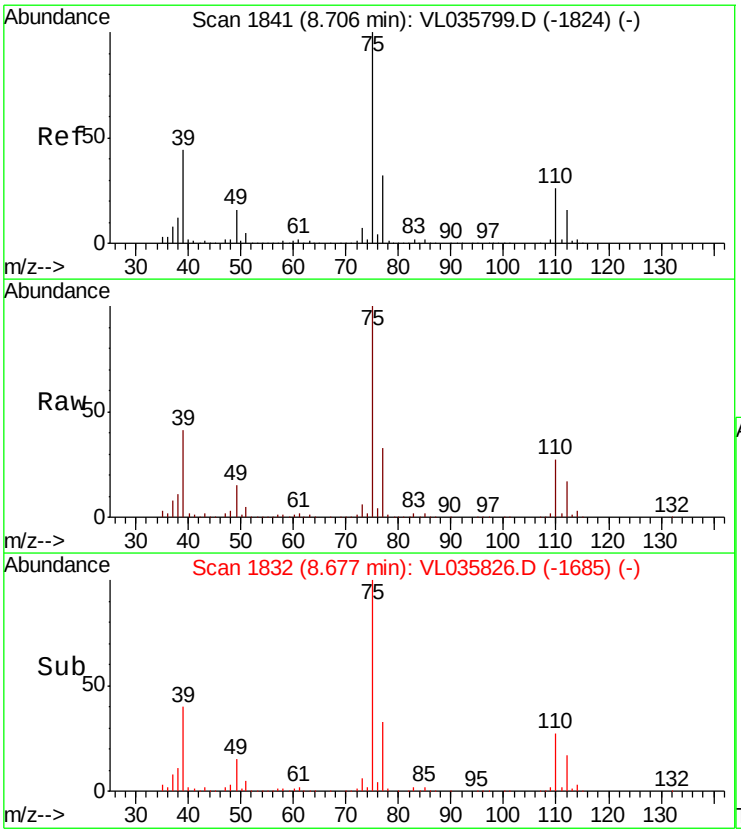
#45
t-1,3-Dichloropropene
Concen: 10.241 ppbv
RT: 9.25 min Scan# 2011
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 75 Resp: 1518901

Ion	Ratio	Lower	Upper
75	100		
77	32.7	26.4	39.6

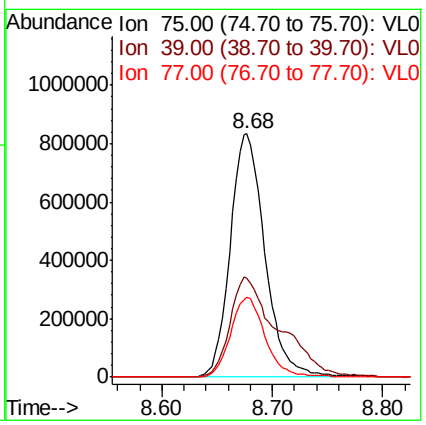


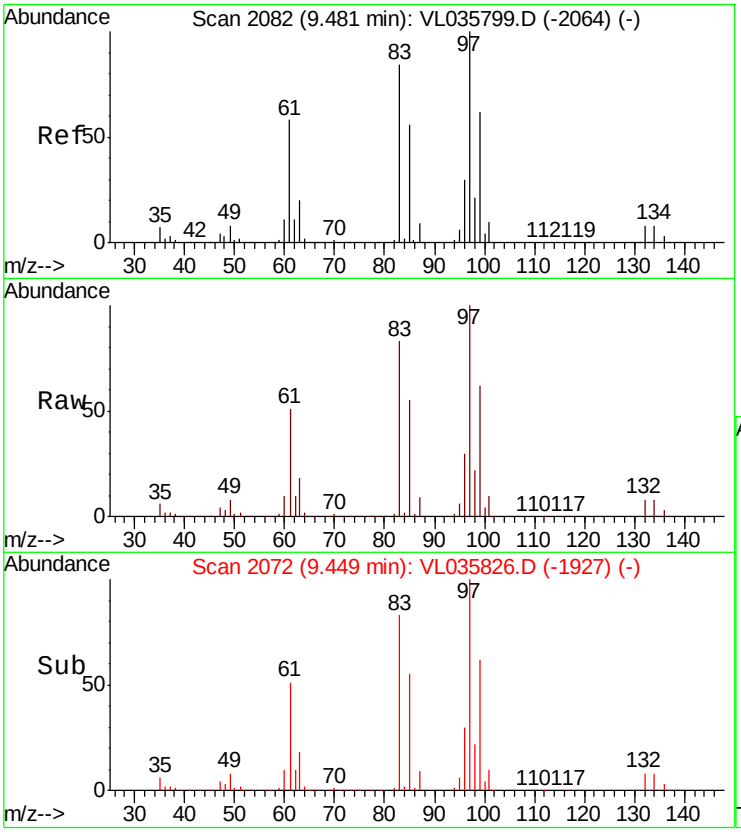


#46
cis-1,3-Dichloropropene
Concen: 9.647 ppbv
RT: 8.68 min Scan# 1832
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion: 75 Resp: 1812056

Ion	Ratio	Lower	Upper
75	100		
39	40.5	35.1	52.7
77	32.8	25.7	38.5



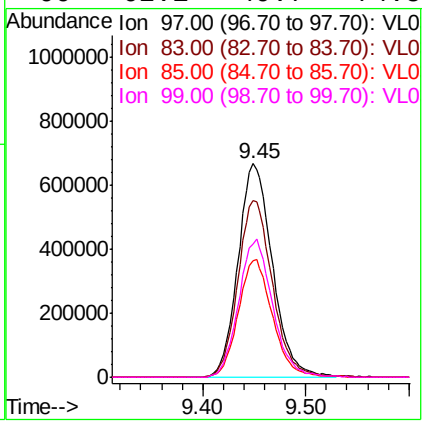


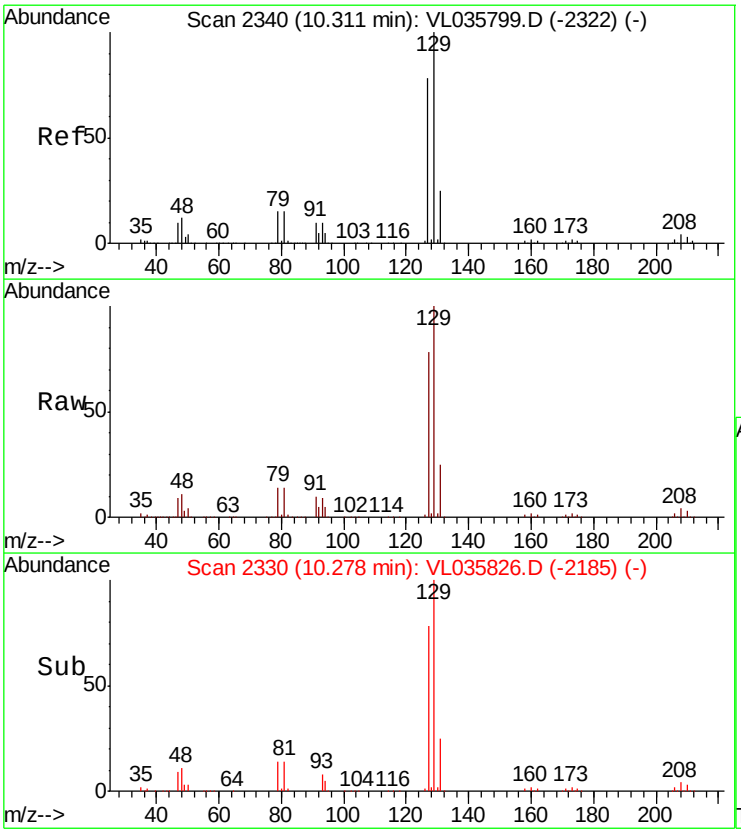
#47
1,1,2-Trichloroethane
Concen: 9.195 ppbv
RT: 9.45 min Scan# 2072
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 97 Resp: 1547278

Ion	Ratio	Lower	Upper
97	100		
83	82.9	67.1	100.7
85	54.7	44.7	67.1
99	62.1	49.7	74.5

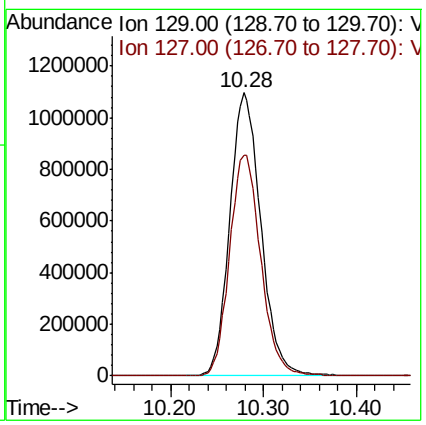


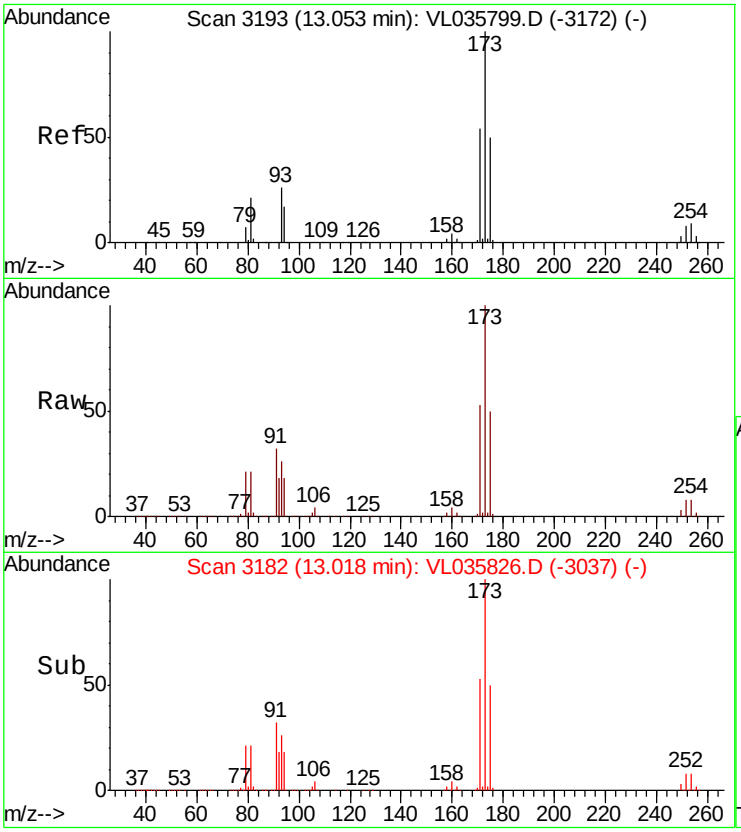


#48
Dibromochloromethane
Concen: 9.899 ppbv
RT: 10.28 min Scan# 2330
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion:129 Resp: 2544738

Ion	Ratio	Lower	Upper
129	100		
127	78.8	39.2	117.6



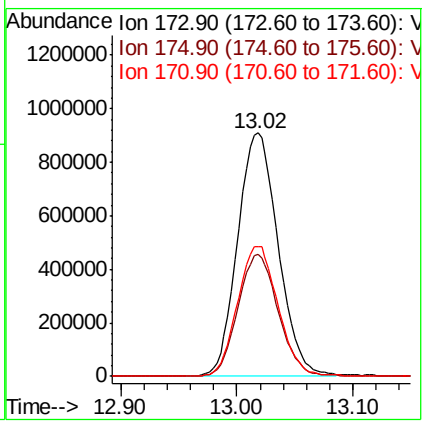


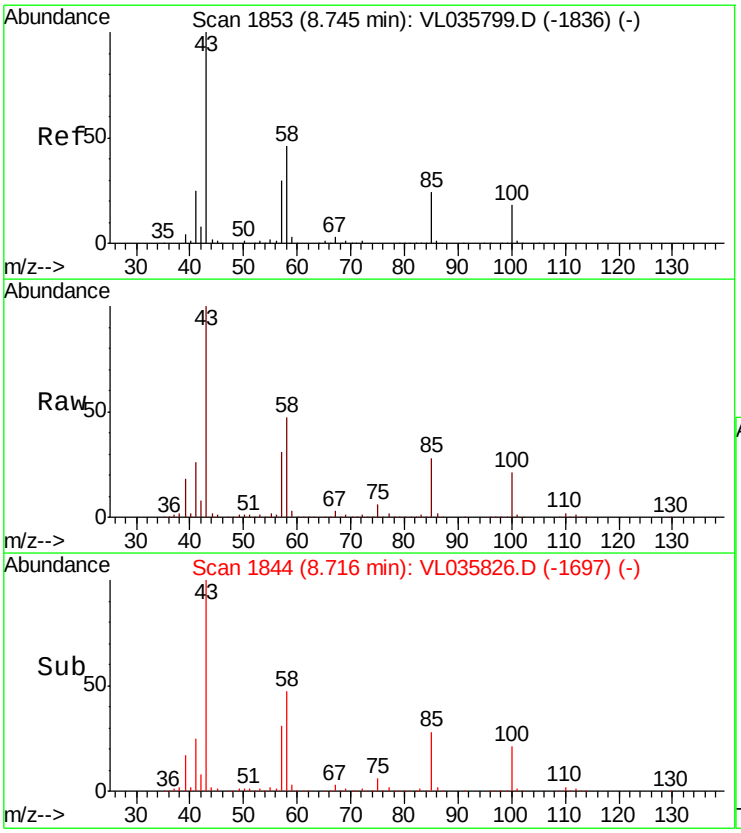
#49
Bromoform
Concen: 10.197 ppbv
RT: 13.02 min Scan# 3182
Delta R.T. -0.04 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:173 Resp: 2211955

Ion	Ratio	Lower	Upper
173	100		
175	50.2	40.1	60.1
171	53.9	42.6	63.8

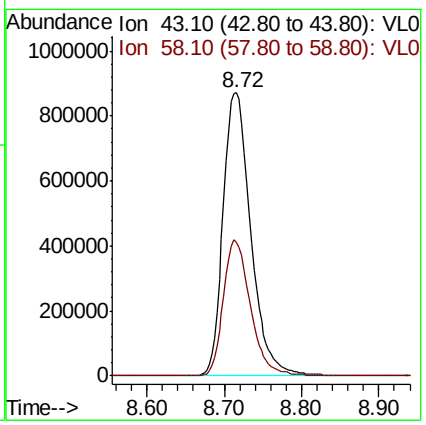


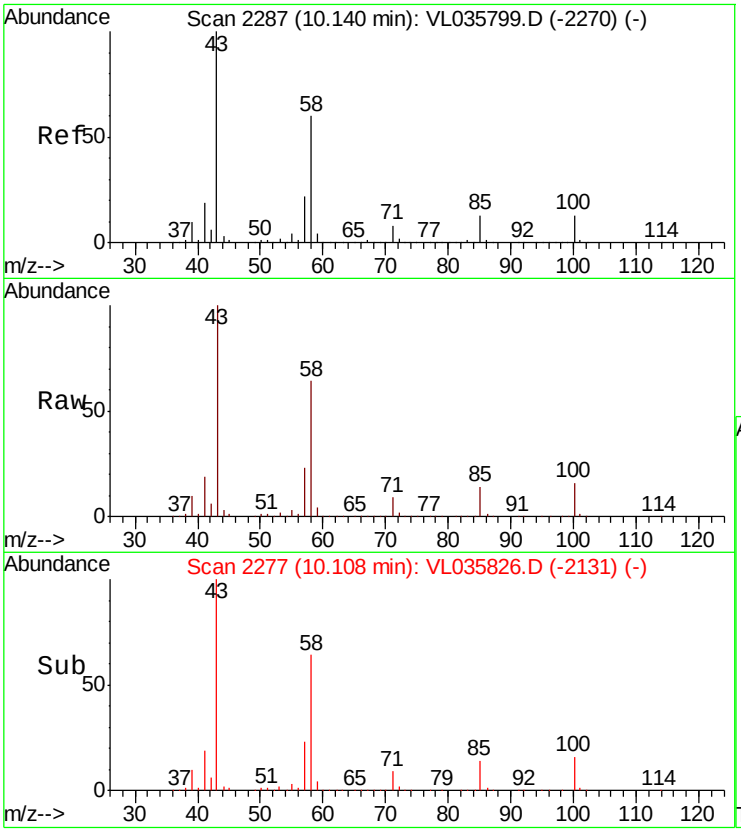


#50
4-Methyl-2-Pentanone
Concen: 8.846 ppbv
RT: 8.72 min Scan# 1844
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion: 43 Resp: 2165847

Ion	Ratio	Lower	Upper
43	100		
58	47.2	36.0	54.0



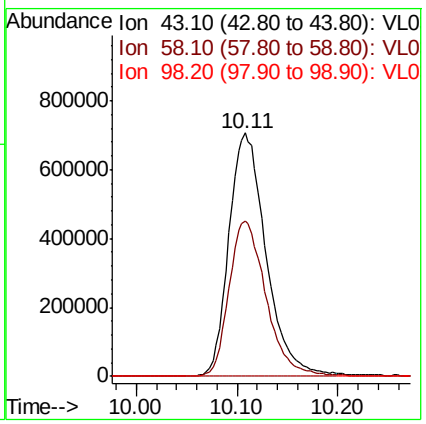


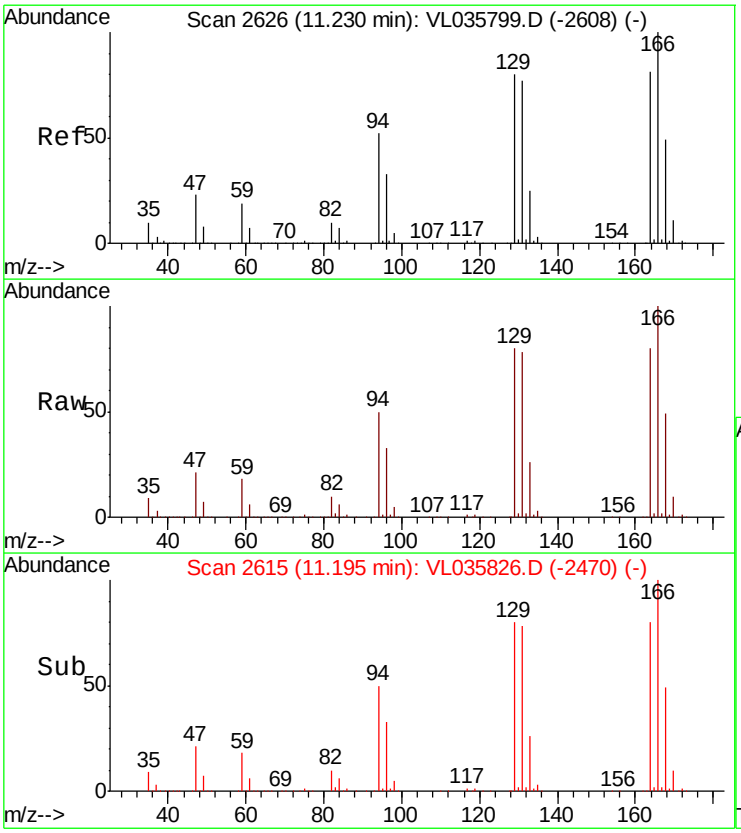
#51
2-Hexanone
Concen: 9.180 ppbv
RT: 10.11 min Scan# 2277
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 1805686

Ion	Ratio	Lower	Upper
43	100		
58	64.3	48.3	72.5
98	0.3	0.6	0.8#

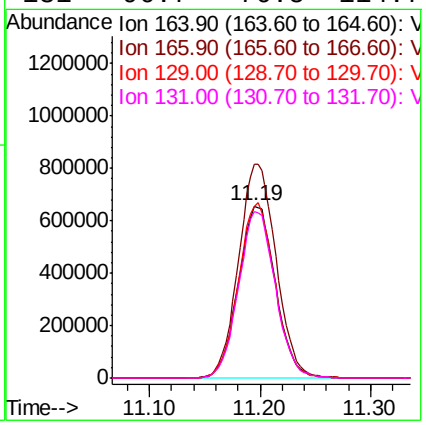


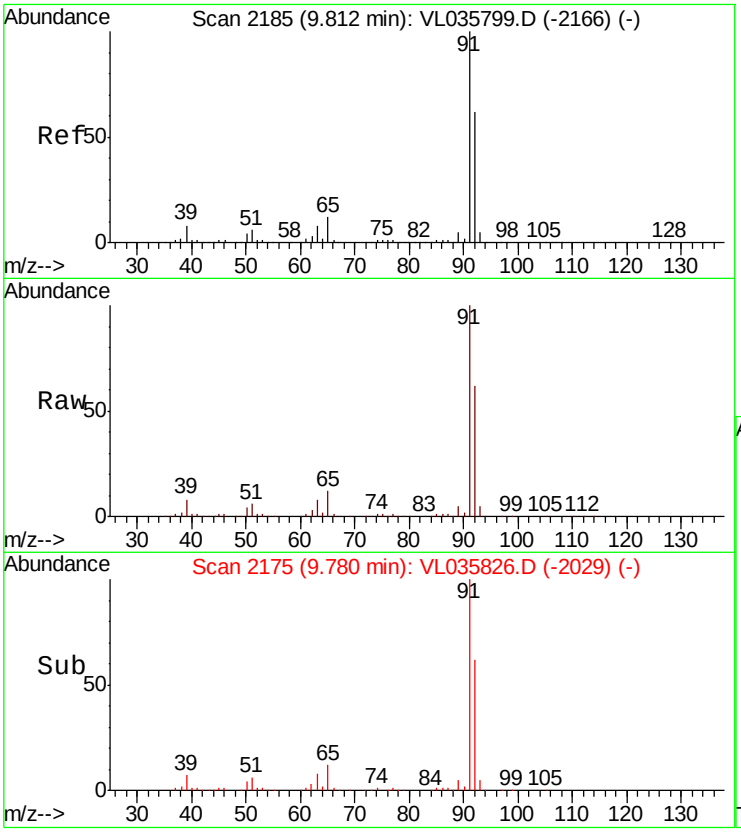


#52
Tetrachloroethene
Concen: 8.781 ppbv
RT: 11.19 min Scan# 2615
Delta R.T. -0.04 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion:164 Resp: 1525892

Ion	Ratio	Lower	Upper
164	100		
166	124.3	99.3	148.9
129	100.0	79.3	118.9
131	96.7	76.5	114.7



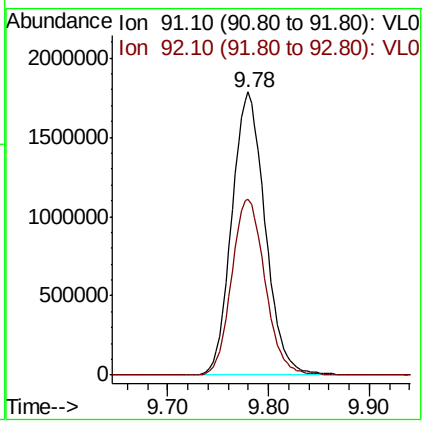


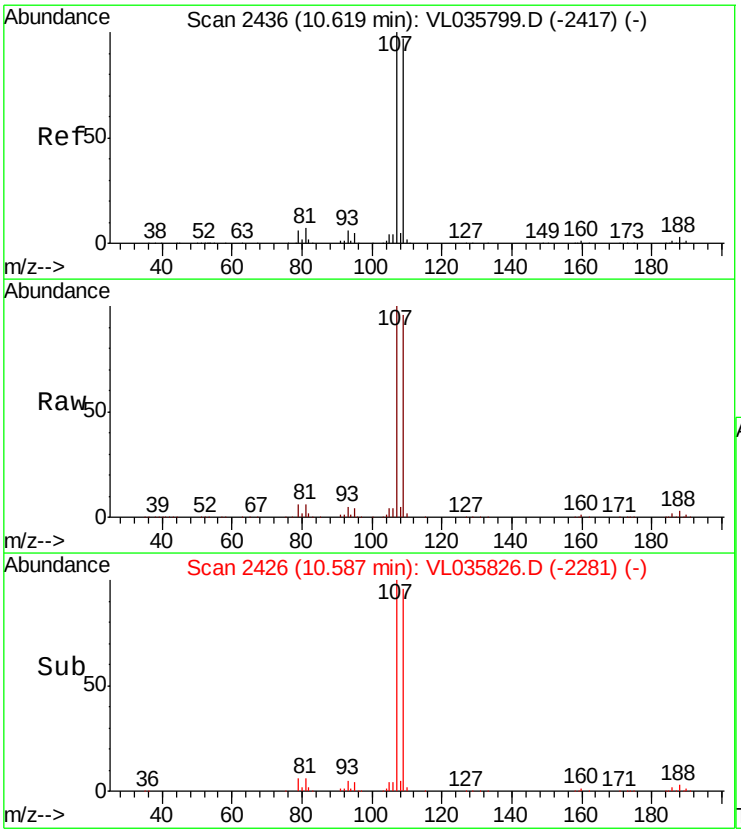
#53
Toluene
Concen: 9.226 ppbv
RT: 9.78 min Scan# 2175
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 4083452

Ion	Ratio	Lower	Upper
91	100		
92	62.8	49.8	74.6

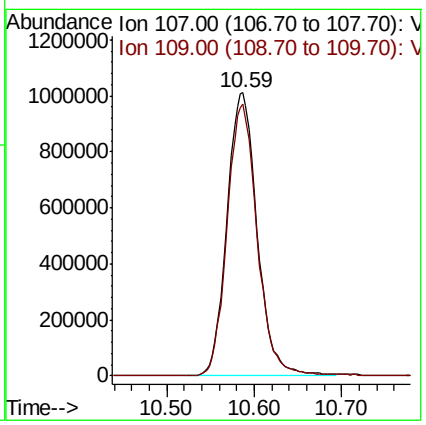


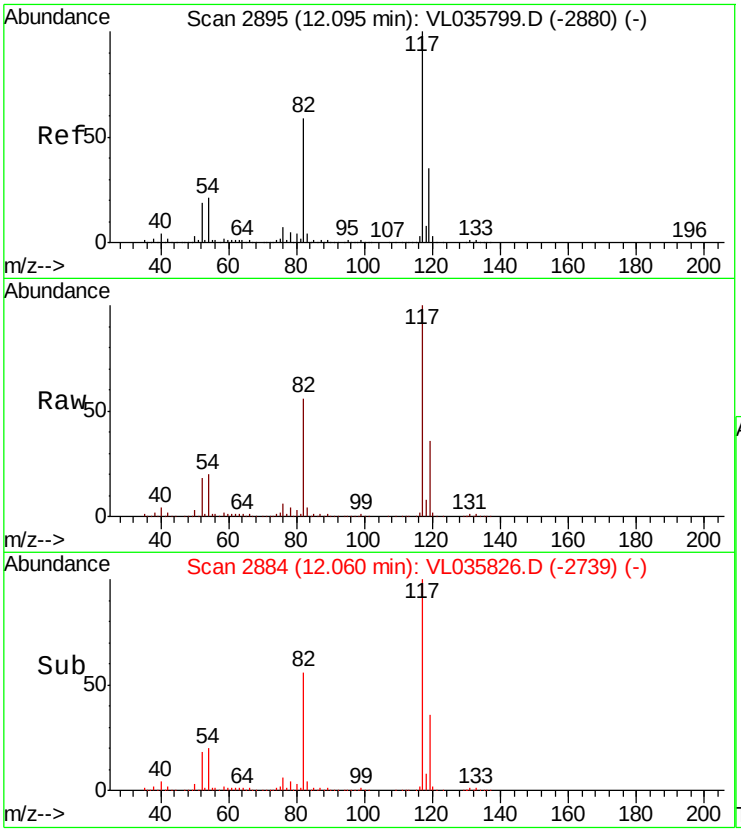


#54
1,2-Dibromoethane
Concen: 9.457 ppbv
RT: 10.59 min Scan# 2426
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion:107 Resp: 2420190

Ion	Ratio	Lower	Upper
107	100		
109	95.8	77.2	115.8



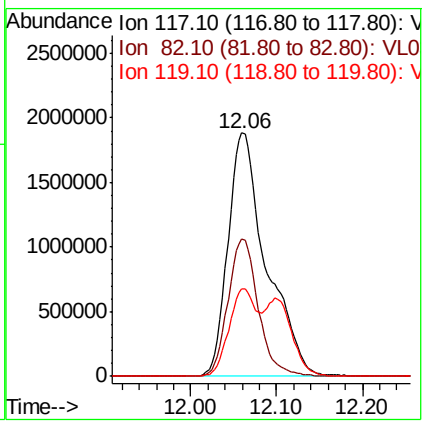


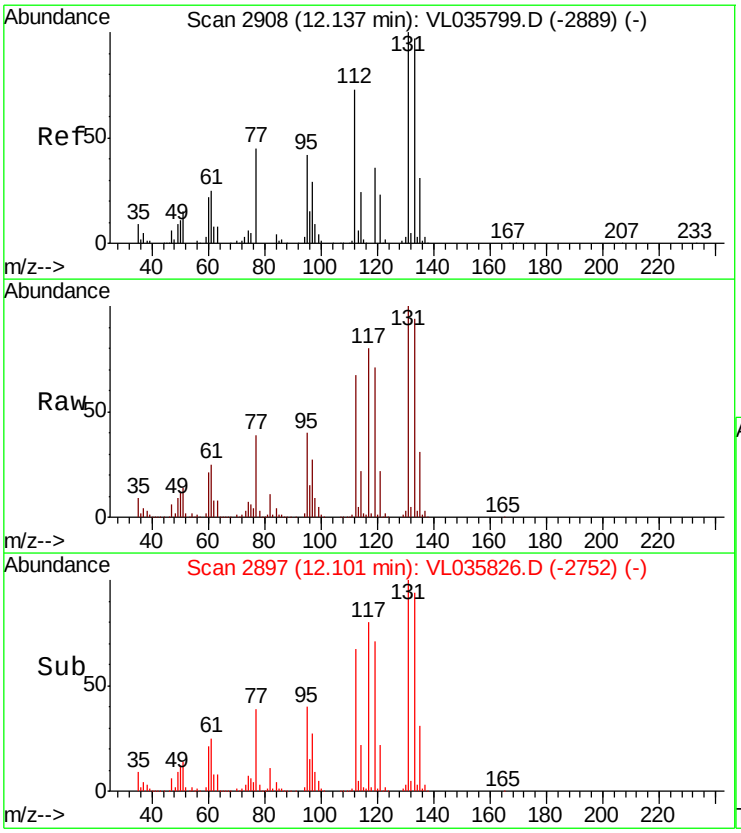
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2884
Delta R.T. -0.04 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 5844917

Ion	Ratio	Lower	Upper
117	100		
82	44.7	50.6	76.0#
119	24.9	52.6	78.8#

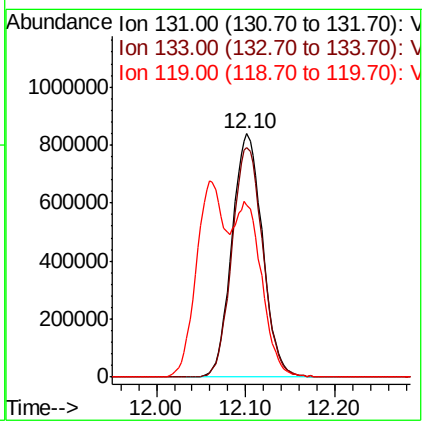


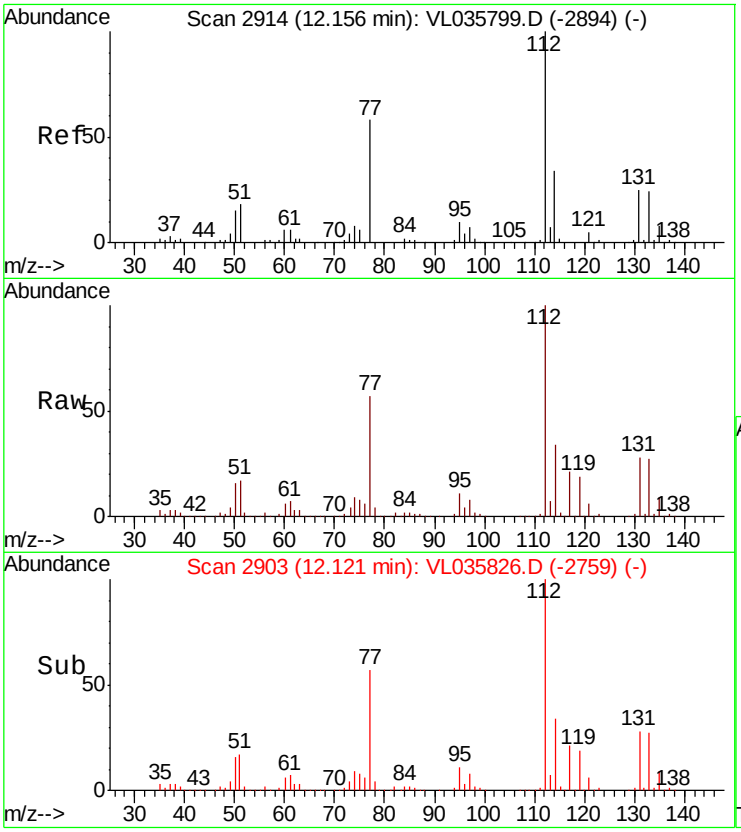


#56
1,1,1,2-Tetrachloroethane
Concen: 7.604 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. -0.04 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion:131 Resp: 1994868

Ion	Ratio	Lower	Upper
131	100		
133	95.4	76.8	115.2
119	61.0	47.4	71.0



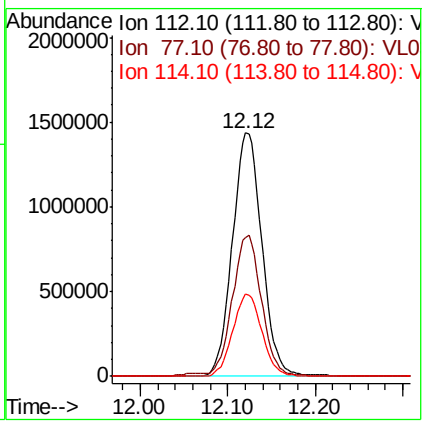


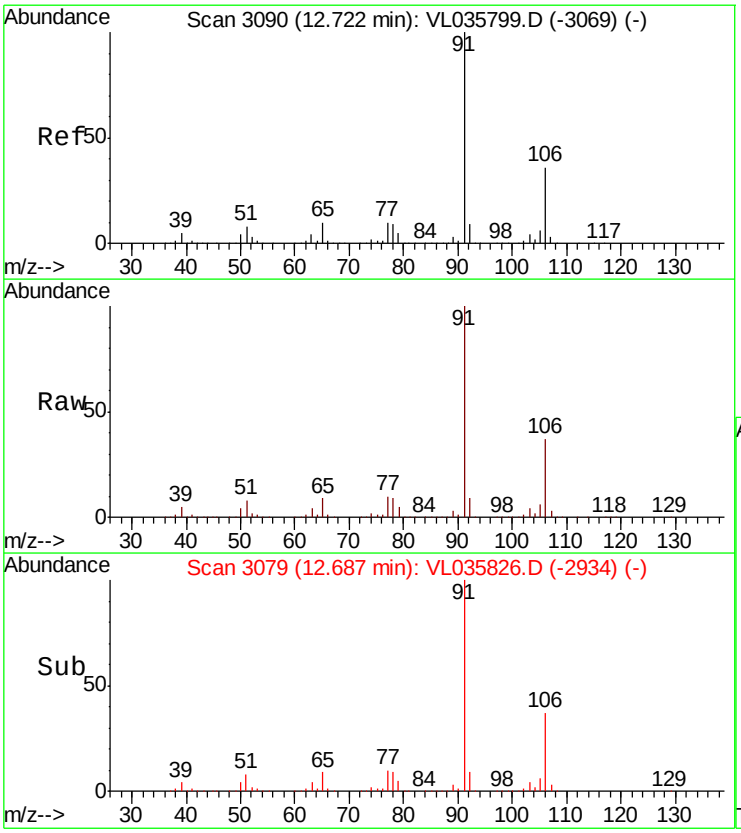
#57
Chlorobenzene
Concen: 7.246 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. -0.04 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:112 Resp: 3367608

Ion	Ratio	Lower	Upper
112	100		
77	56.8	47.5	71.3
114	33.7	30.3	37.1

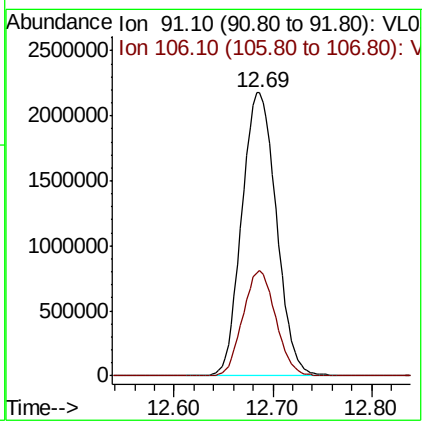


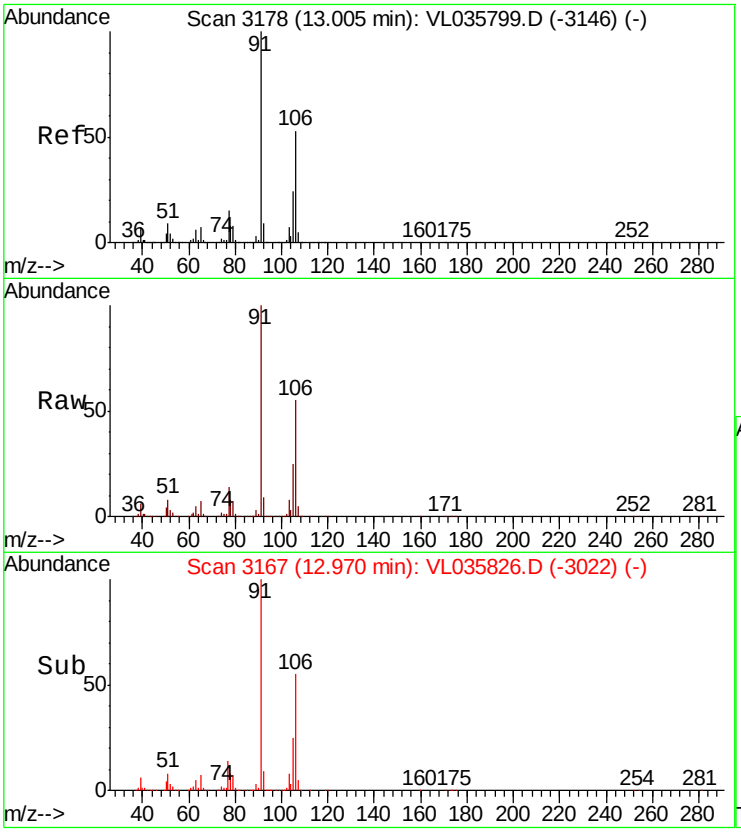


#58
Ethyl Benzene
Concen: 7.403 ppbv
RT: 12.69 min Scan# 3079
Delta R.T. -0.04 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion: 91 Resp: 5269905

Ion	Ratio	Lower	Upper
91	100		
106	37.5	28.6	43.0



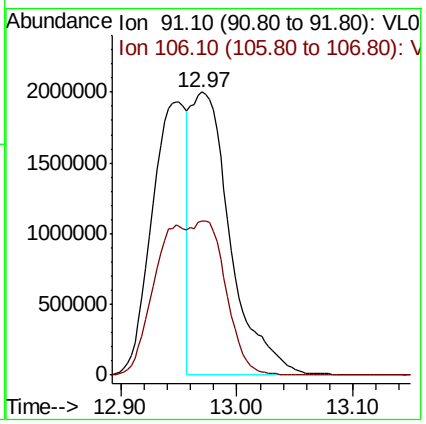


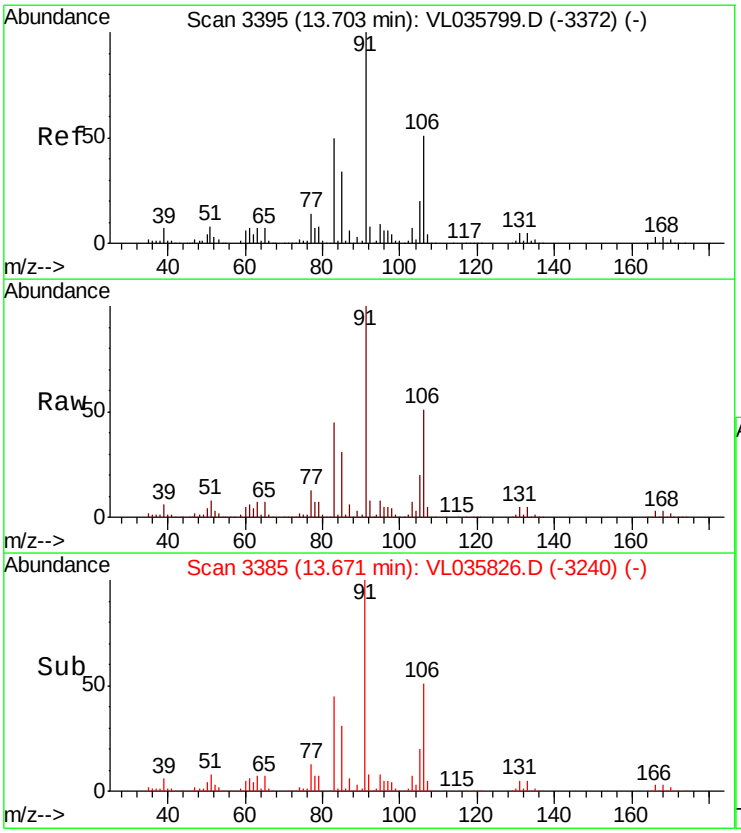
#59
m/p-Xylene
Concen: 7.859 ppbv
RT: 12.97 min Scan# 3167
Delta R.T. -0.04 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 4733620

Ion	Ratio	Lower	Upper
91	100		
106	94.3	39.5	59.3#

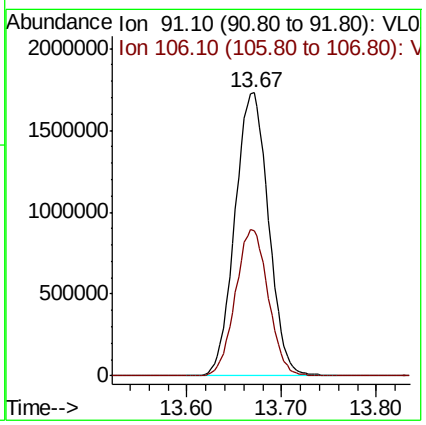


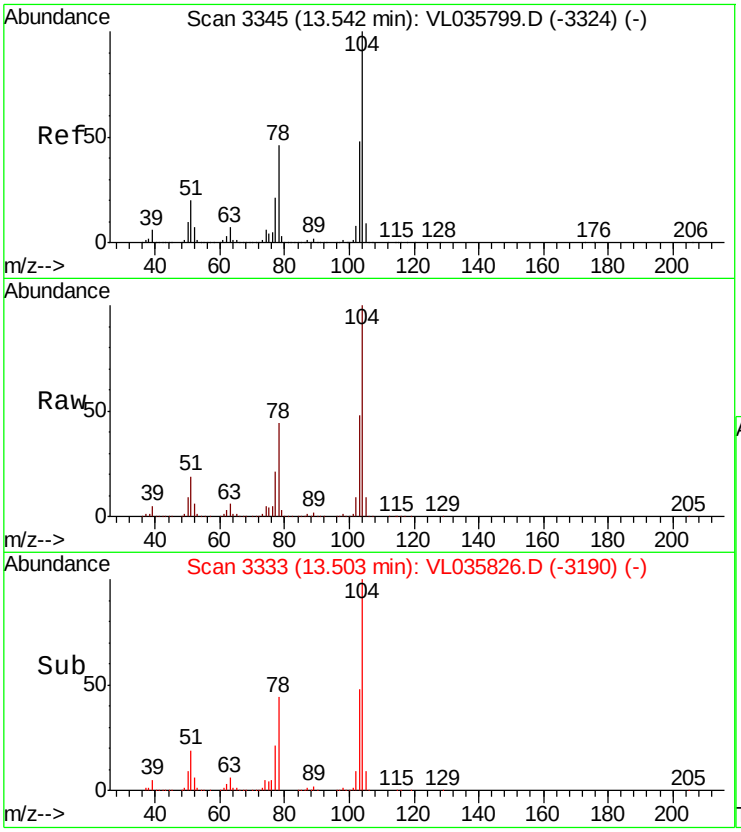


#60
o-Xylene
Concen: 7.272 ppbv
RT: 13.67 min Scan# 3385
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion: 91 Resp: 4260318

Ion	Ratio	Lower	Upper
91	100		
106	50.7	24.8	74.4



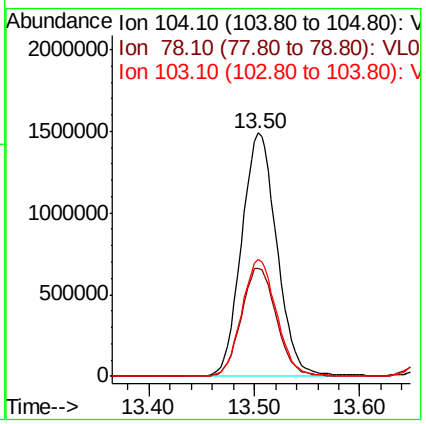


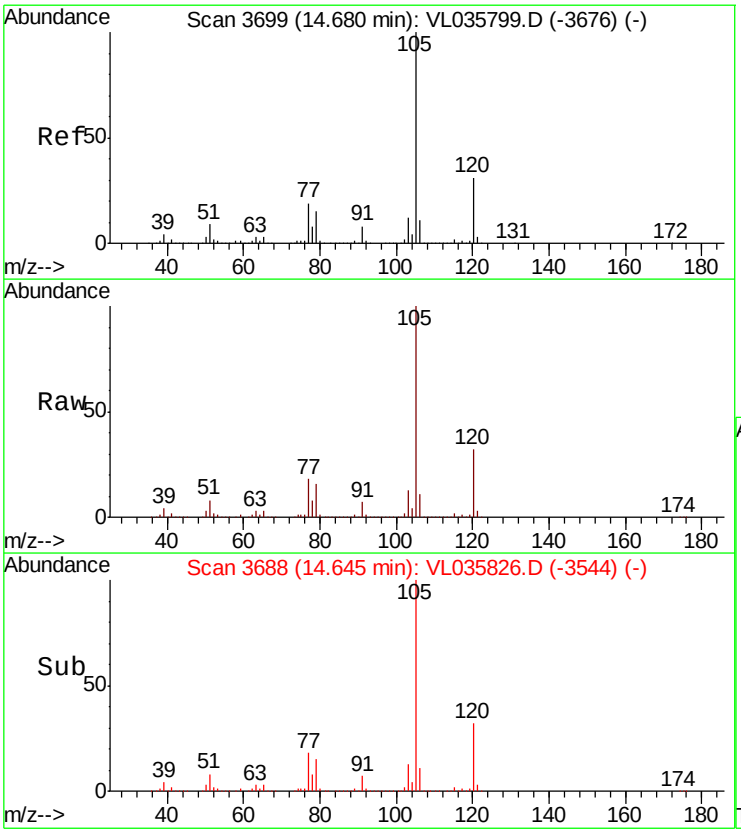
#61
Stvrene
Concen: 8.070 ppbv
RT: 13.50 min Scan# 3333
Delta R.T. -0.04 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:104 Resp: 3464512

Ion	Ratio	Lower	Upper
104	100		
78	44.5	37.1	55.7
103	47.6	37.9	56.9

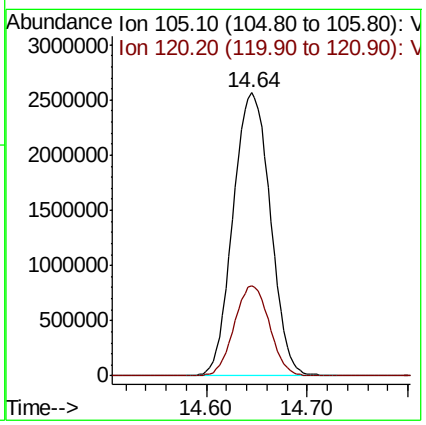


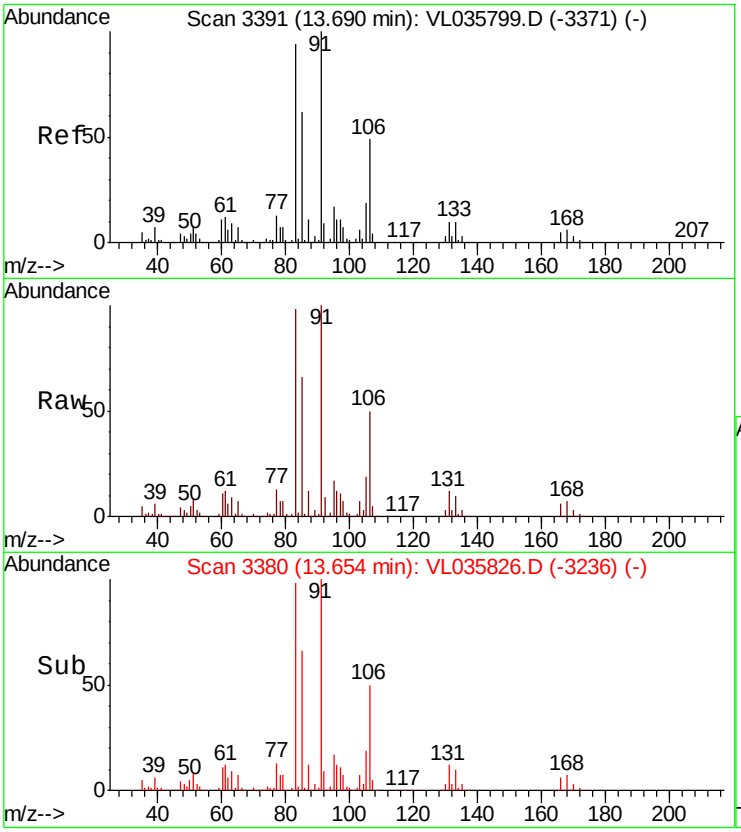


#62
Isopropylbenzene
Concen: 7.145 ppbv
RT: 14.64 min Scan# 3688
Delta R.T. -0.04 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion:105 Resp: 6579744

Ion	Ratio	Lower	Upper
105	100		
120	30.1	23.5	35.3



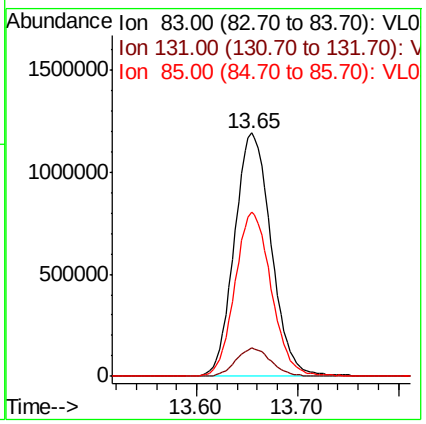


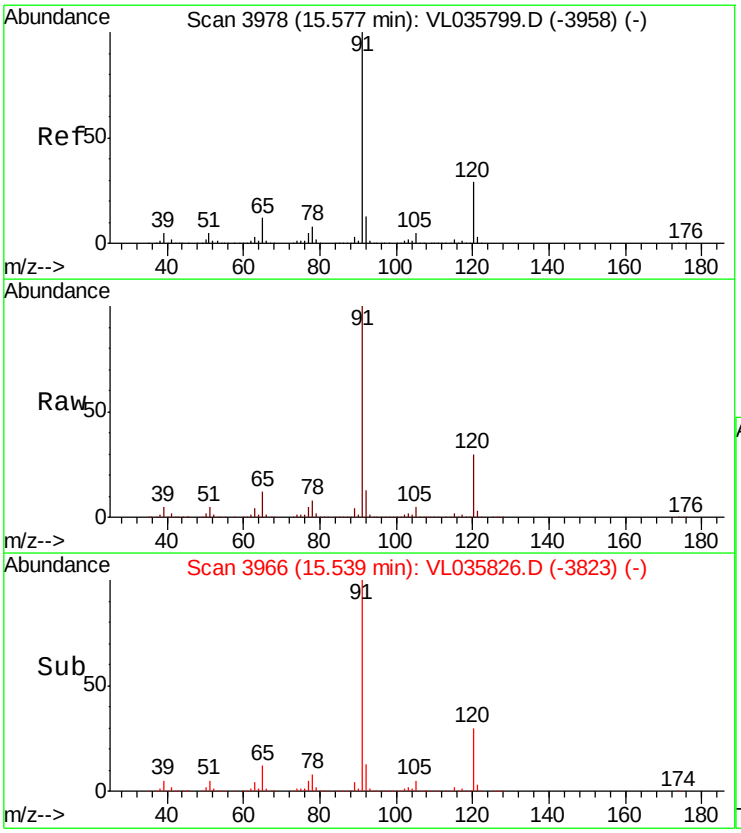
#63
1,1,2,2-Tetrachloroethane
Concen: 6.648 ppbv
RT: 13.65 min Scan# 3380
Delta R.T. -0.04 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 3018170

Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.3	15.8
85	66.9	33.5	100.4

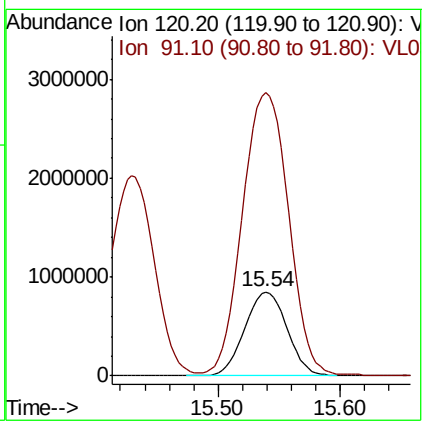


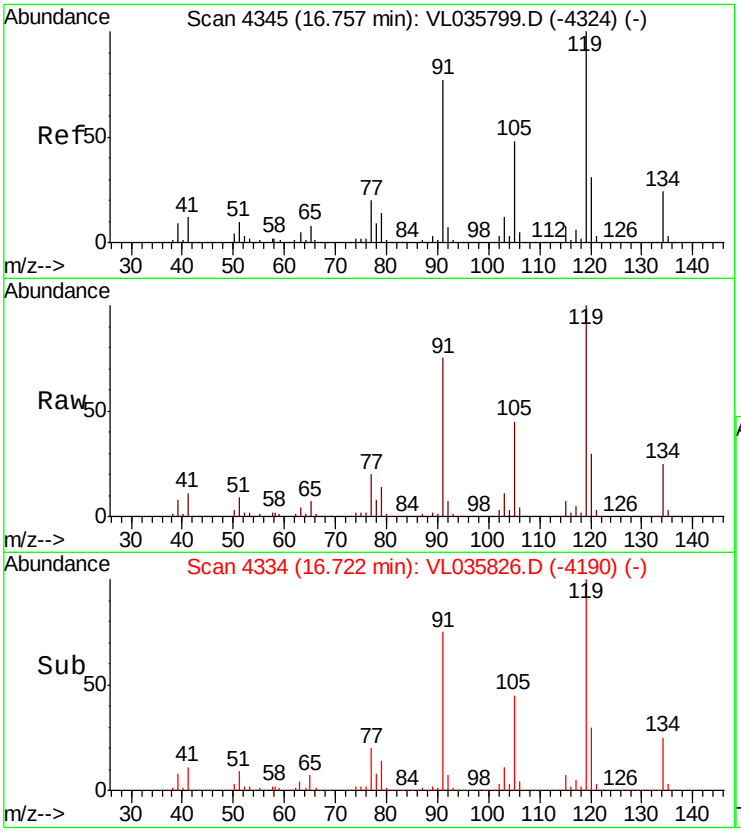


#64
n-propylbenzene
Concen: 7.680 ppbv
RT: 15.54 min Scan# 3966
Delta R.T. -0.04 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion:120 Resp: 2044343

Ion	Ratio	Lower	Upper
120	100		
91	368.1	311.1	466.7



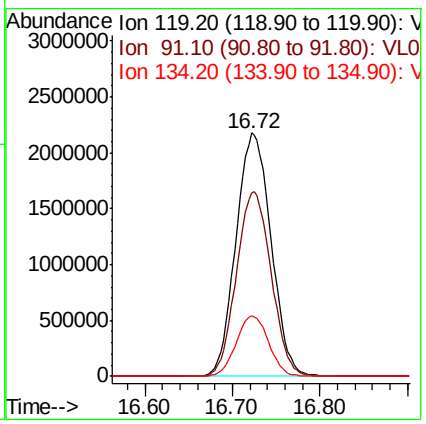


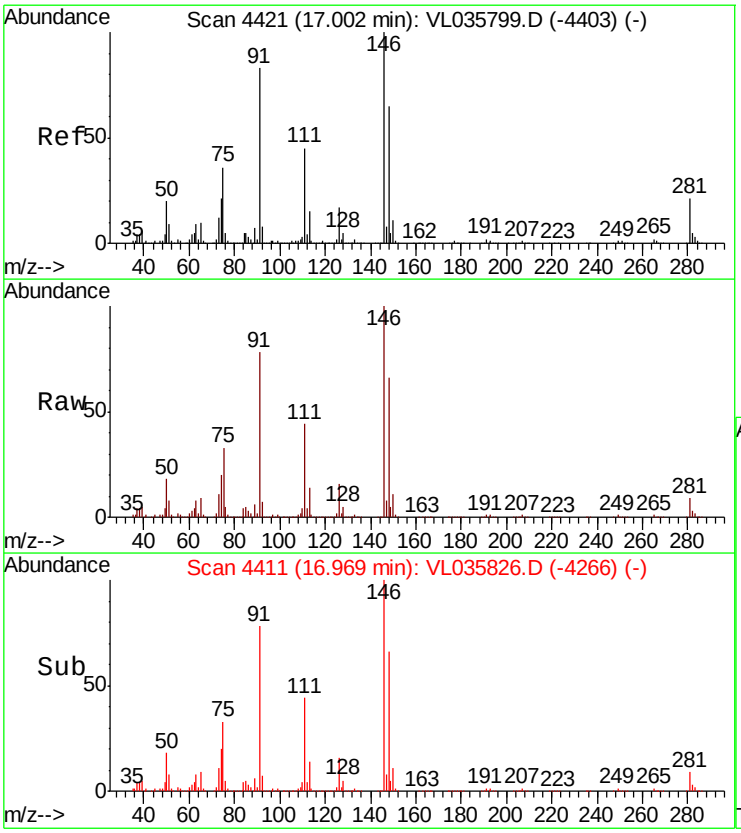
#65
tert-Butylbenzene
Concen: 7.228 ppbv
RT: 16.72 min Scan# 4334
Delta R.T. -0.04 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:119 Resp: 6058735

Ion	Ratio	Lower	Upper
119	100		
91	75.1	62.0	93.0
134	22.9	17.8	26.8

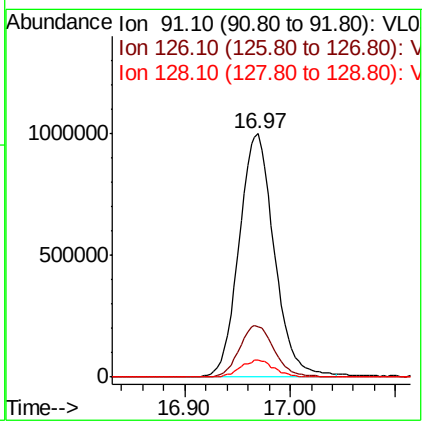


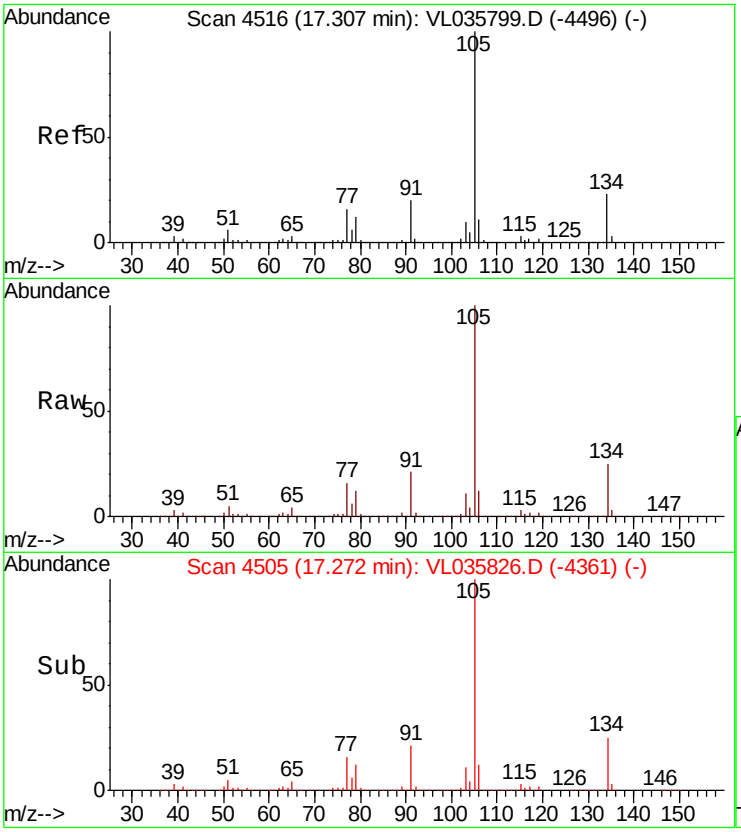


#66
Benzyl Chloride
Concen: 8.338 ppbv
RT: 16.97 min Scan# 4411
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion: 91 Resp: 2310096

Ion	Ratio	Lower	Upper
91	100		
126	21.3	16.0	24.0
128	6.8	5.0	7.4



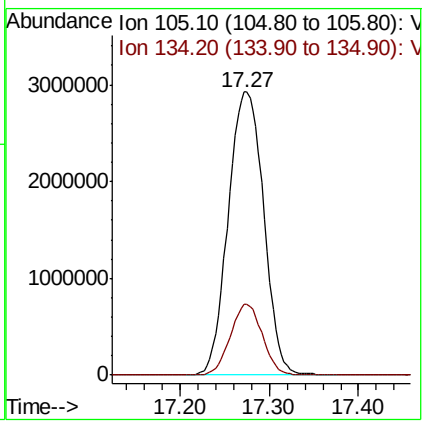


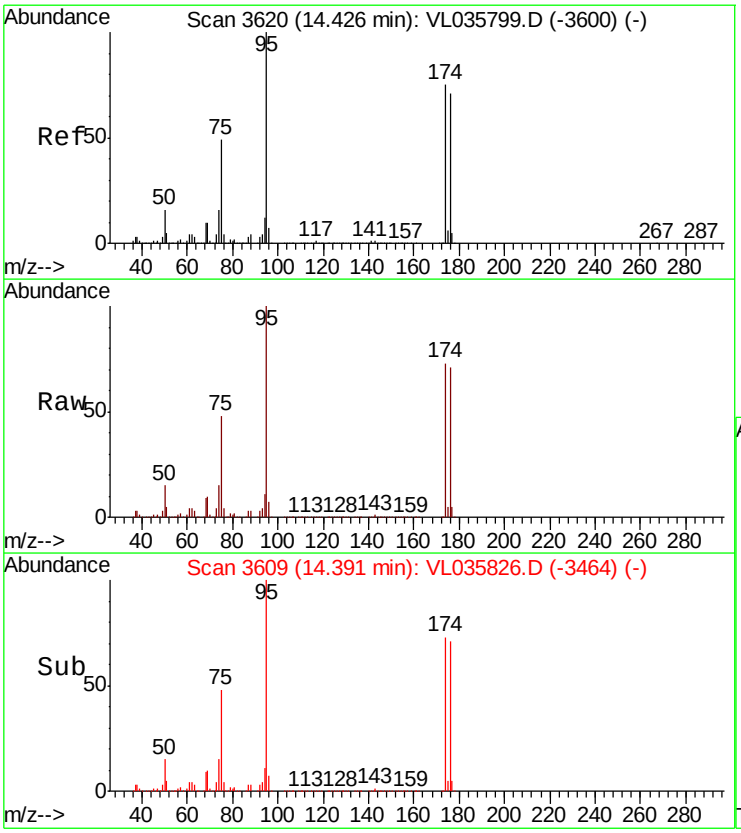
#67
sec-Butylbenzene
Concen: 7.115 ppbv
RT: 17.27 min Scan# 4505
Delta R.T. -0.04 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 8036753

Ion	Ratio	Lower	Upper
105	100		
134	22.8	17.0	25.6

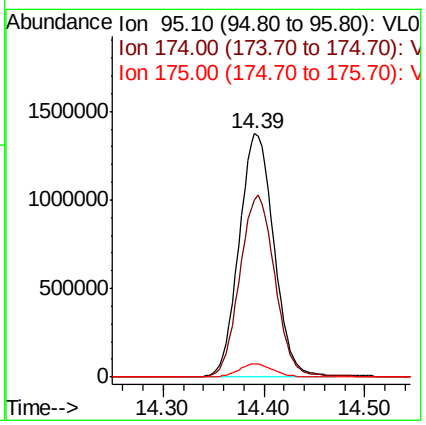


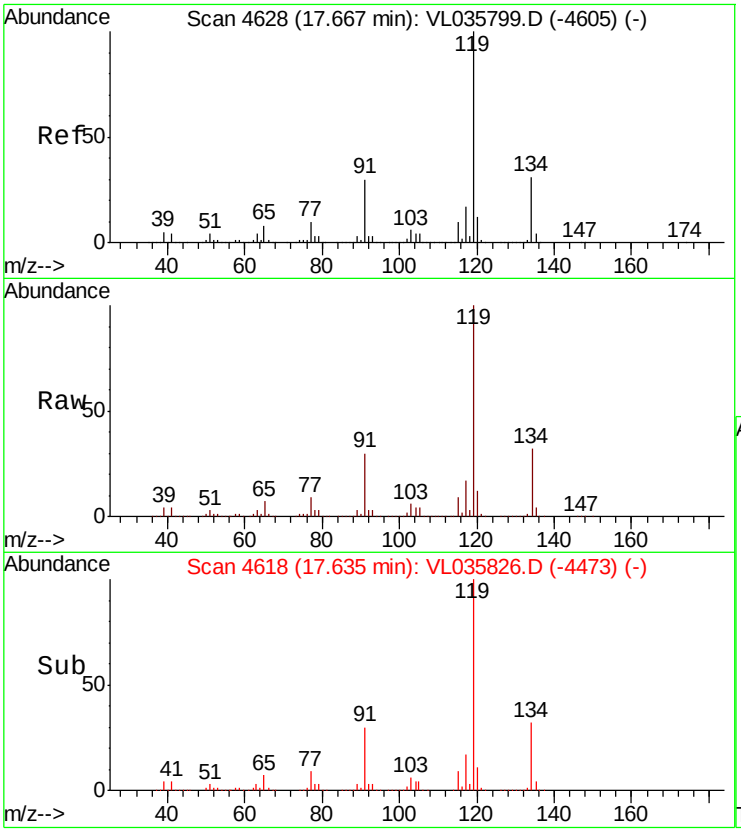


#68
1-Bromo-4-Fluorobenzene
Concen: 7.915 ppbv
RT: 14.39 min Scan# 3609
Delta R.T. -0.04 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion: 95 Resp: 3286905

Ion	Ratio	Lower	Upper
95	100		
174	76.3	59.8	89.6
175	5.5	4.3	6.5



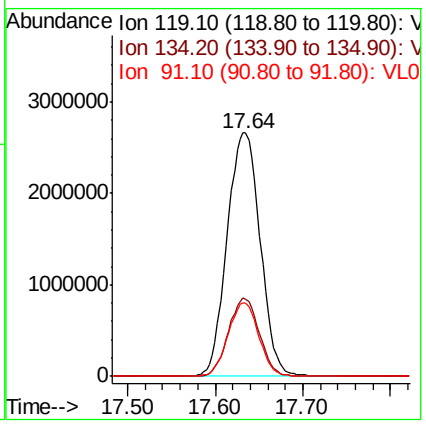


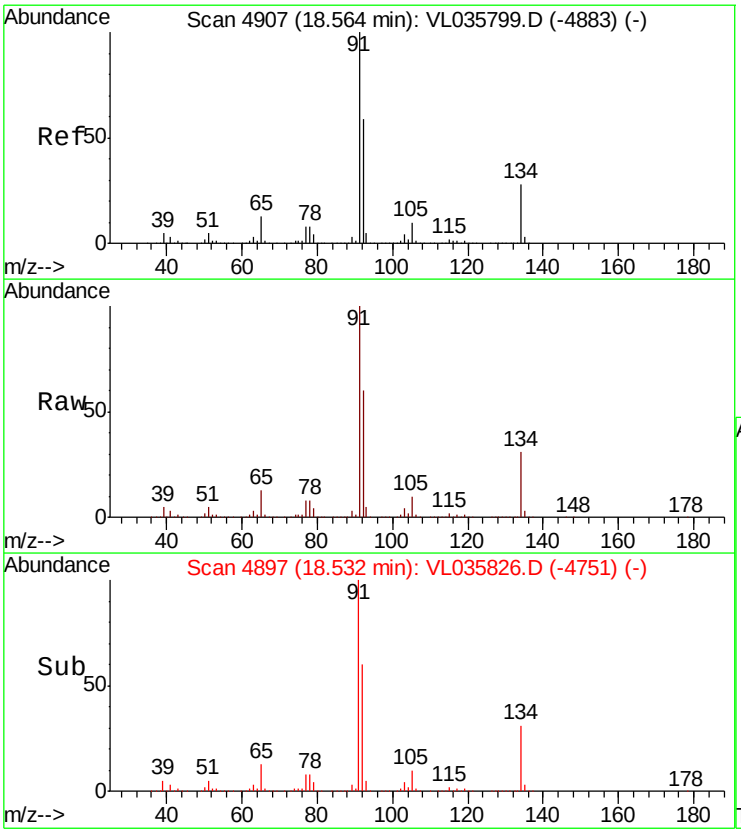
#69
p-Isopropyltoluene
Concen: 7.485 ppbv
RT: 17.64 min Scan# 4618
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:119 Resp: 6976924

Ion	Ratio	Lower	Upper
119	100		
134	30.0	23.0	34.6
91	28.2	22.8	34.2

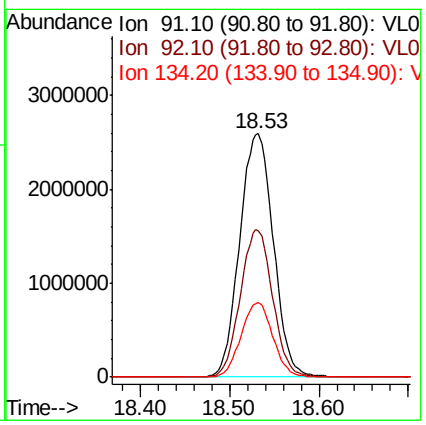


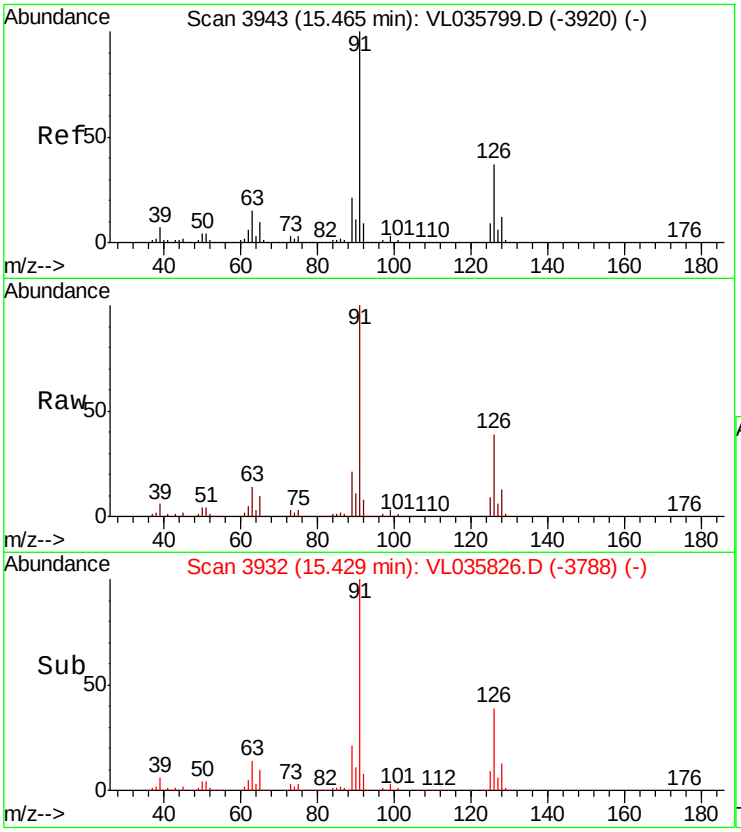


#70
n-Butylbenzene
Concen: 7.583 ppbv
RT: 18.53 min Scan# 4897
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion: 91 Resp: 6806777

Ion	Ratio	Lower	Upper
91	100		
92	58.3	45.7	68.5
134	28.9	21.0	31.4



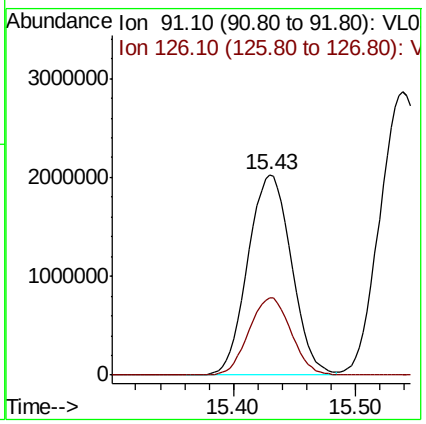


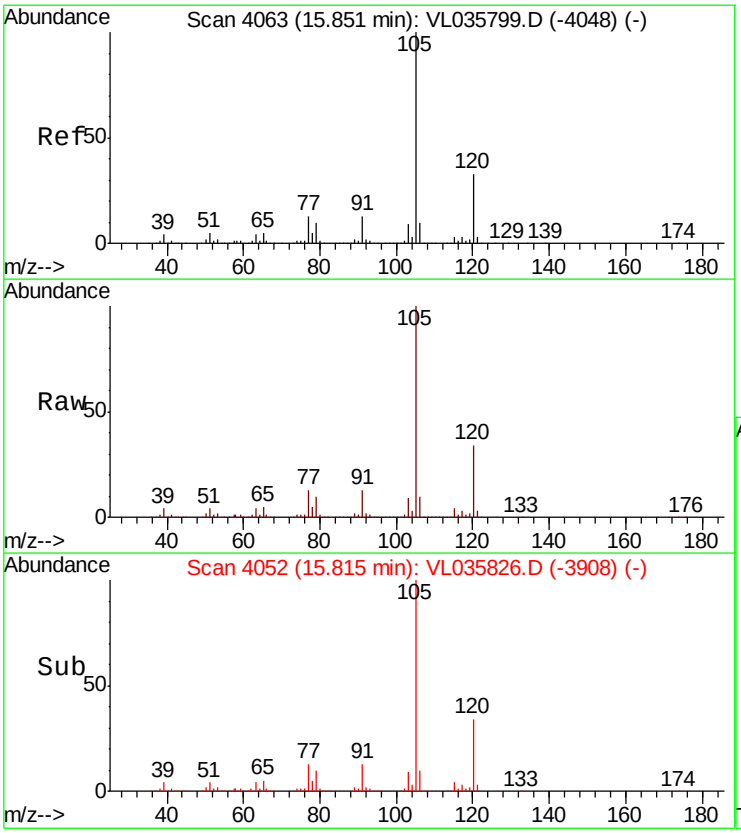
#71
2-Chlorotoluene
Concen: 7.458 ppbv
RT: 15.43 min Scan# 3932
Delta R.T. -0.04 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 5023419

Ion	Ratio	Lower	Upper
91	100		
126	37.6	14.3	57.1

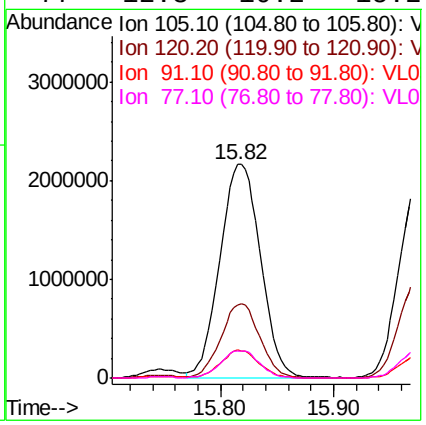


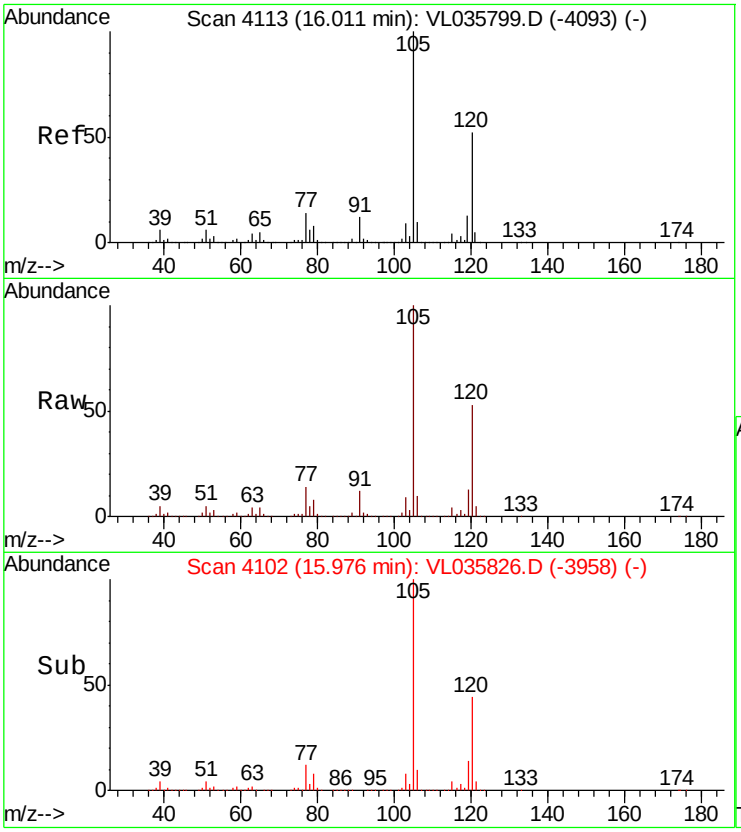


#72
4-Ethyltoluene
Concen: 7.619 ppbv
RT: 15.82 min Scan# 4052
Delta R.T. -0.04 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion:105 Resp: 5414240

Ion	Ratio	Lower	Upper
105	100		
120	33.3	25.9	38.9
91	12.1	9.9	14.9
77	12.3	10.2	15.2



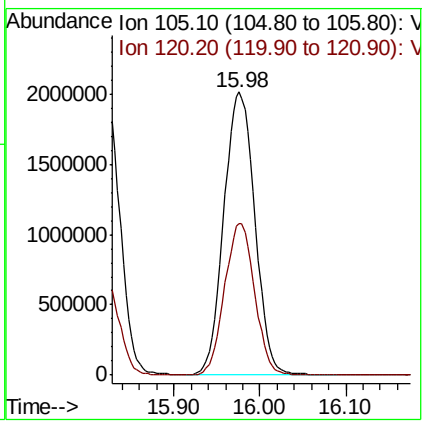


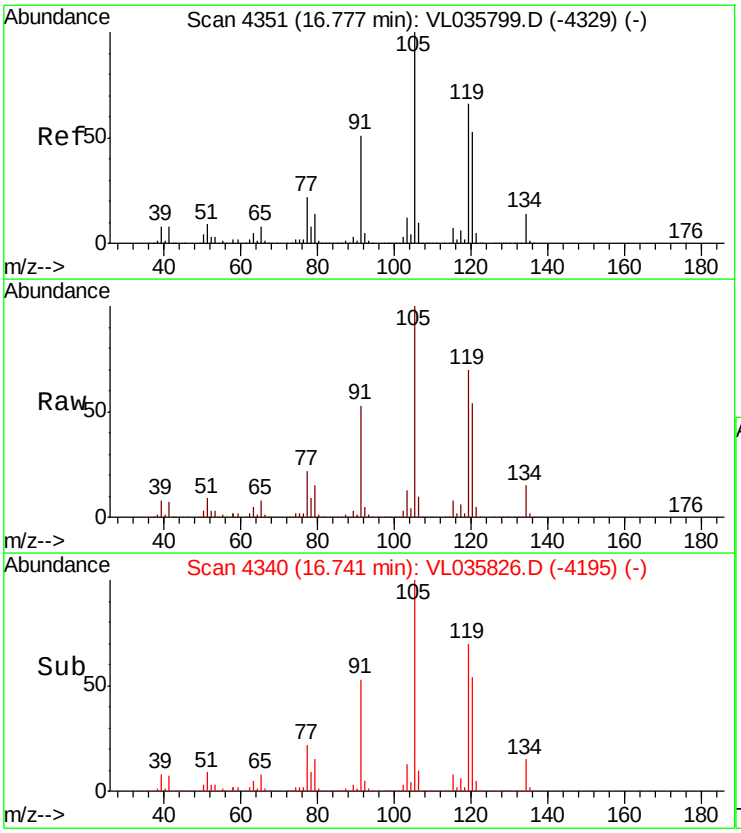
#73
1,3,5-Trimethylbenzene
Concen: 7.721 ppbv
RT: 15.98 min Scan# 4102
Delta R.T. -0.04 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 5021234

Ion	Ratio	Lower	Upper
105	100		
120	53.4	41.4	62.2

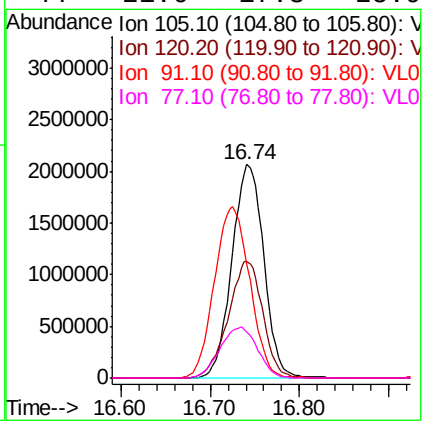


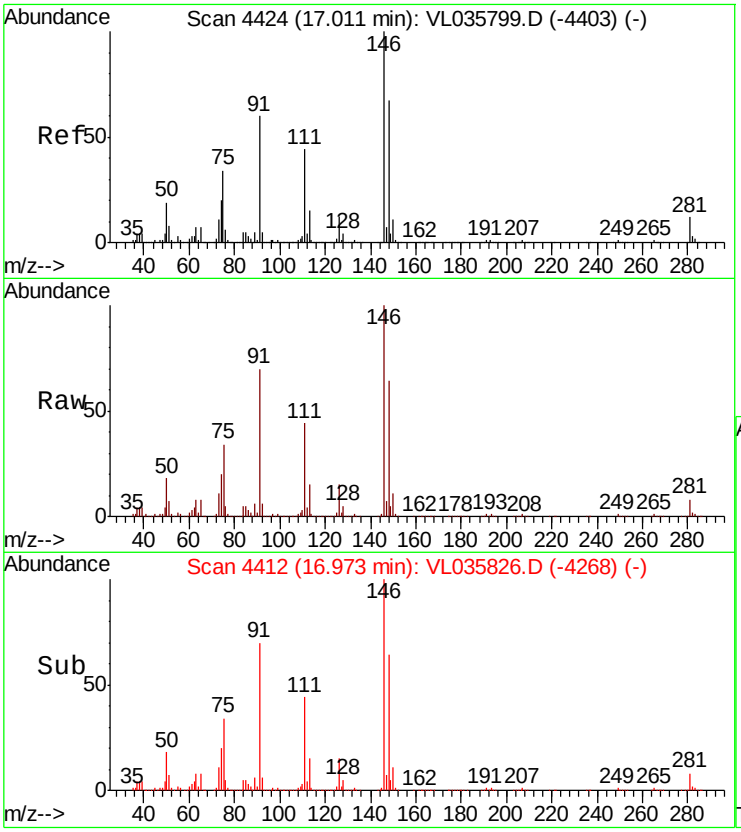


#74
1,2,4-Trimethylbenzene
Concen: 7.338 ppbv
RT: 16.74 min Scan# 4340
Delta R.T. -0.04 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion:105 Resp: 5113152

Ion	Ratio	Lower	Upper
105	100		
120	54.4	42.0	63.0
91	53.4	41.0	61.6
77	21.6	17.3	25.9



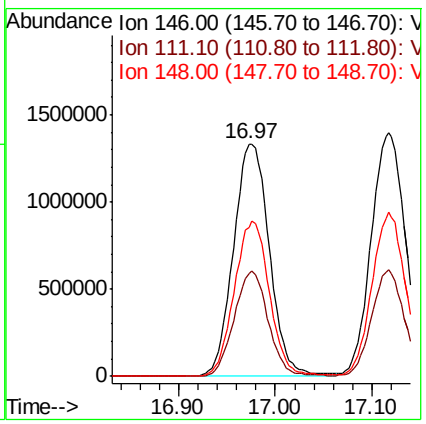


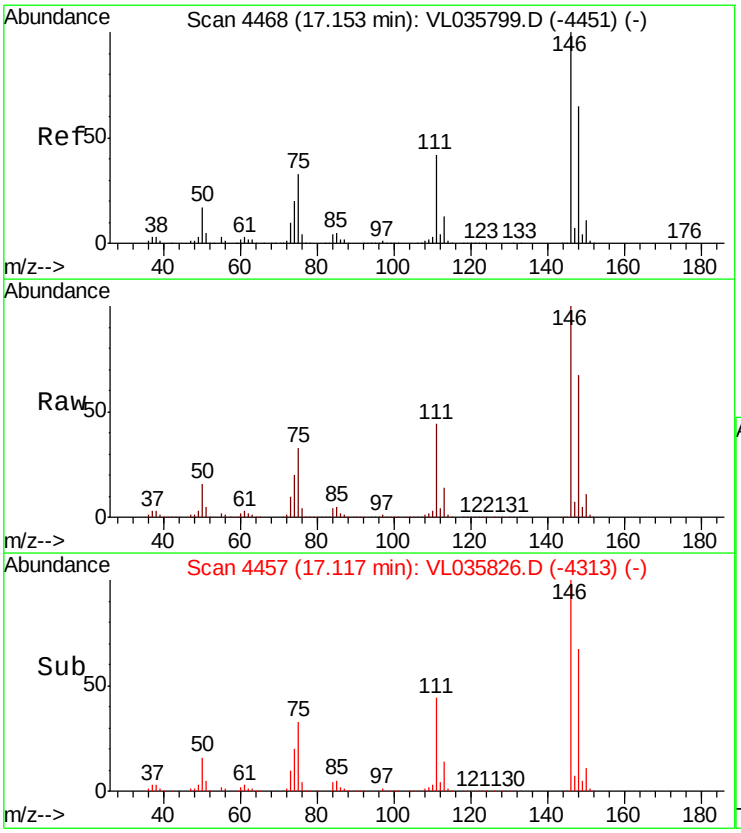
#75
1,3-Dichlorobenzene
Concen: 7.760 ppbv
RT: 16.97 min Scan# 4412
Delta R.T. -0.04 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:146 Resp: 3442946

Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.8	65.4
148	65.4	32.5	97.5

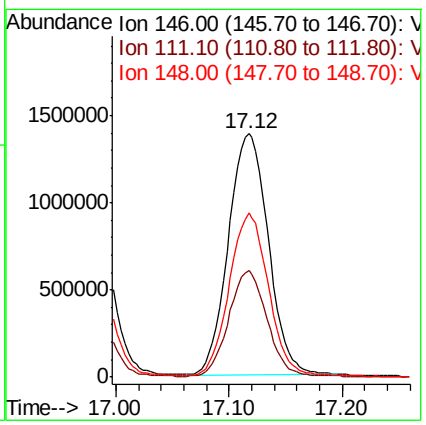


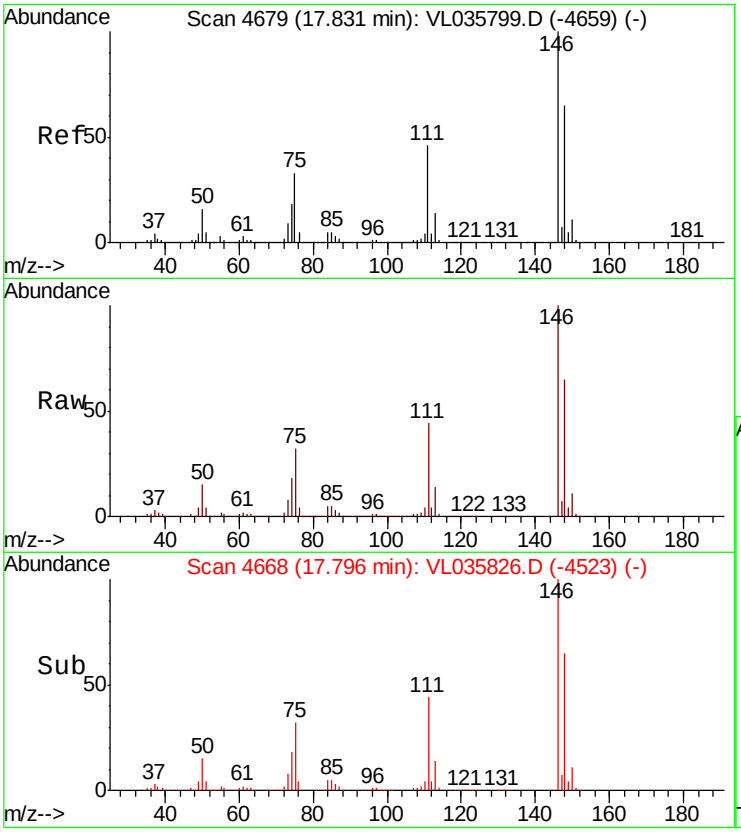


#76
1,4-Dichlorobenzene
Concen: 7.989 ppbv
RT: 17.12 min Scan# 4457
Delta R.T. -0.04 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion:146 Resp: 3419395

Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.3	63.7
148	67.2	33.0	99.0



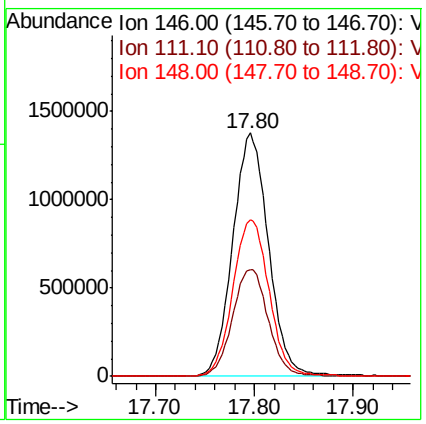


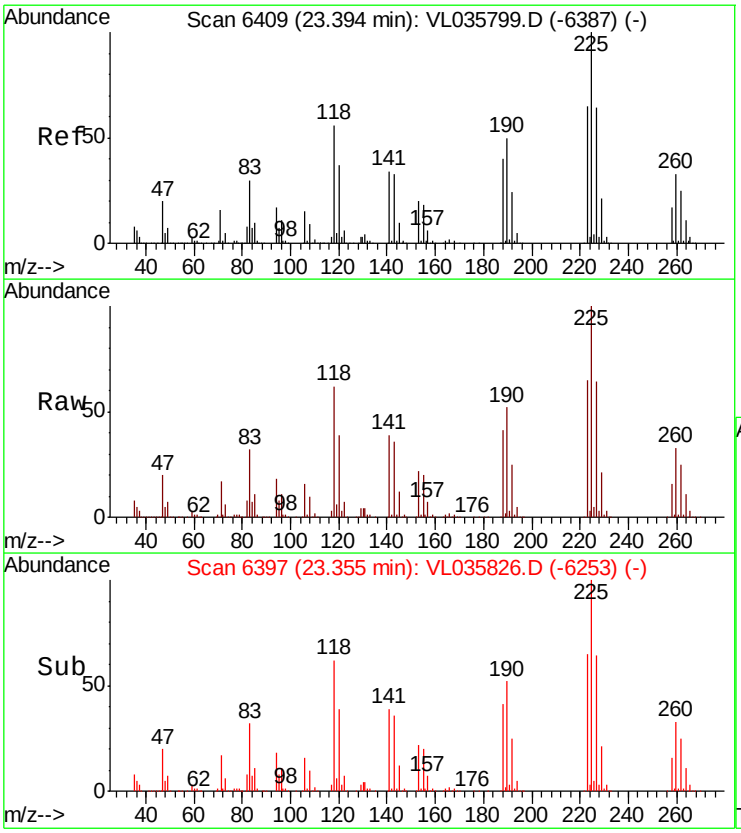
#77
1,2-Dichlorobenzene
Concen: 7.954 ppbv
RT: 17.80 min Scan# 4668
Delta R.T. -0.04 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:146 Resp: 3439984

Ion	Ratio	Lower	Upper
146	100		
111	44.3	22.4	67.0
148	65.7	32.5	97.5

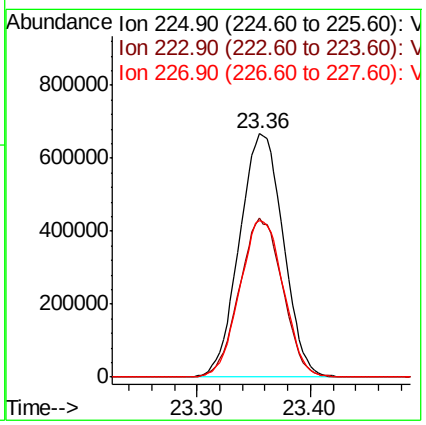


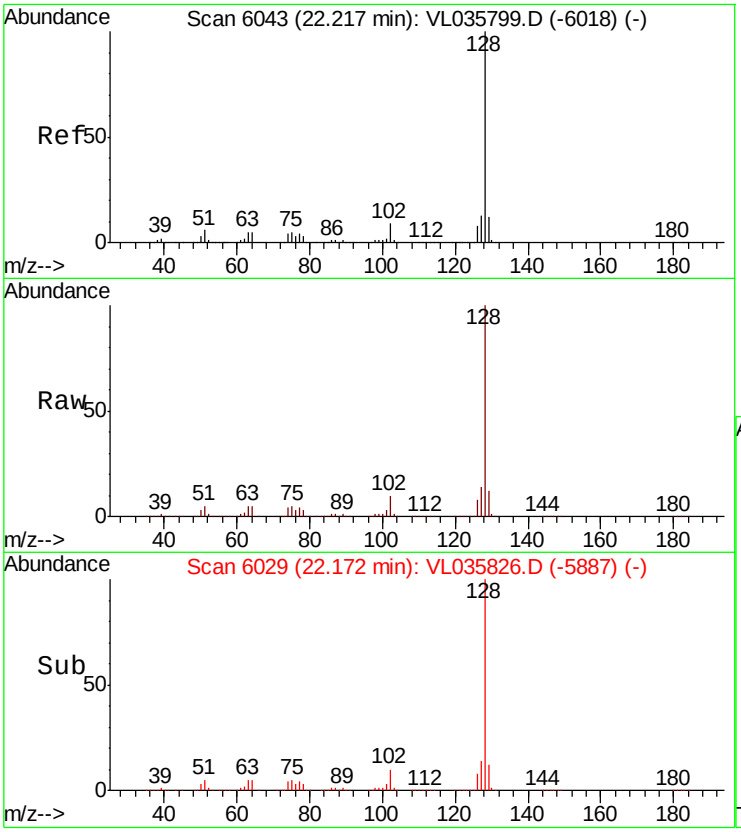


#78
Hexachloro-1,3-Butadiene
Concen: 8.902 ppbv
RT: 23.36 min Scan# 6397
Delta R.T. -0.04 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion:225 Resp: 1796386

Ion	Ratio	Lower	Upper
225	100		
223	64.5	51.0	76.6
227	64.4	51.2	76.8



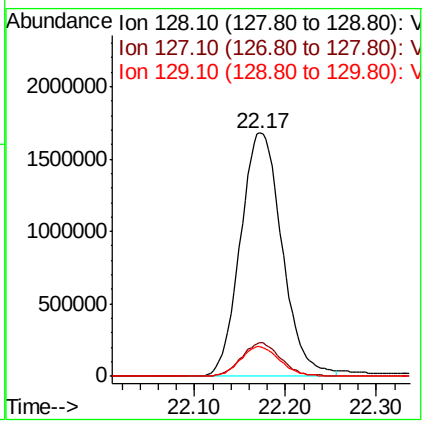


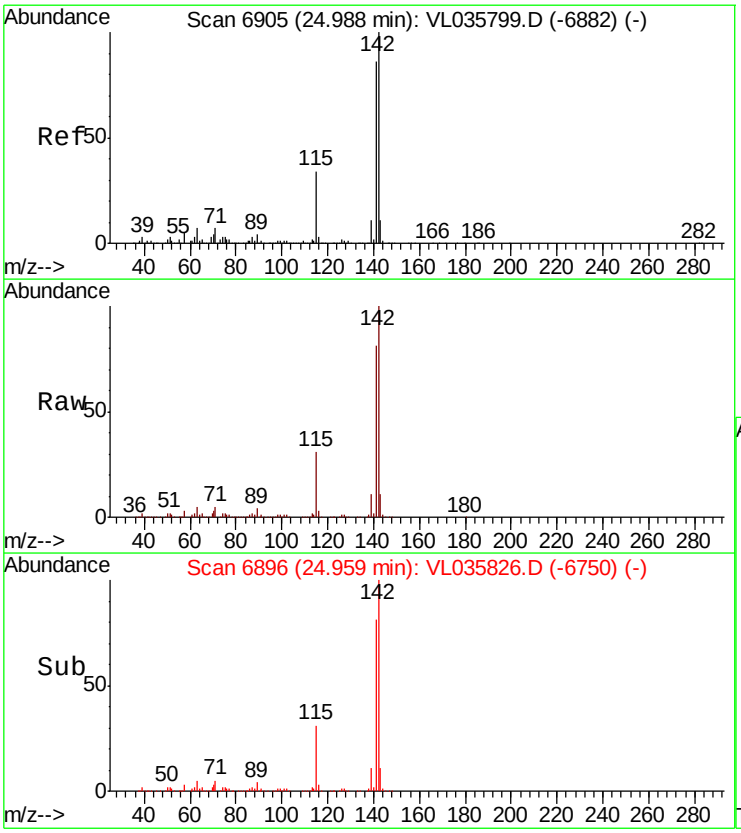
#79
Naphthalene
Concen: 11.006 ppbv
RT: 22.17 min Scan# 6029
Delta R.T. -0.05 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:128 Resp: 5345732

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.2	15.4
129	12.1	9.2	13.8

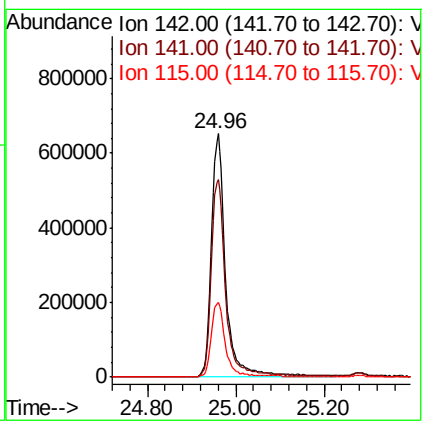


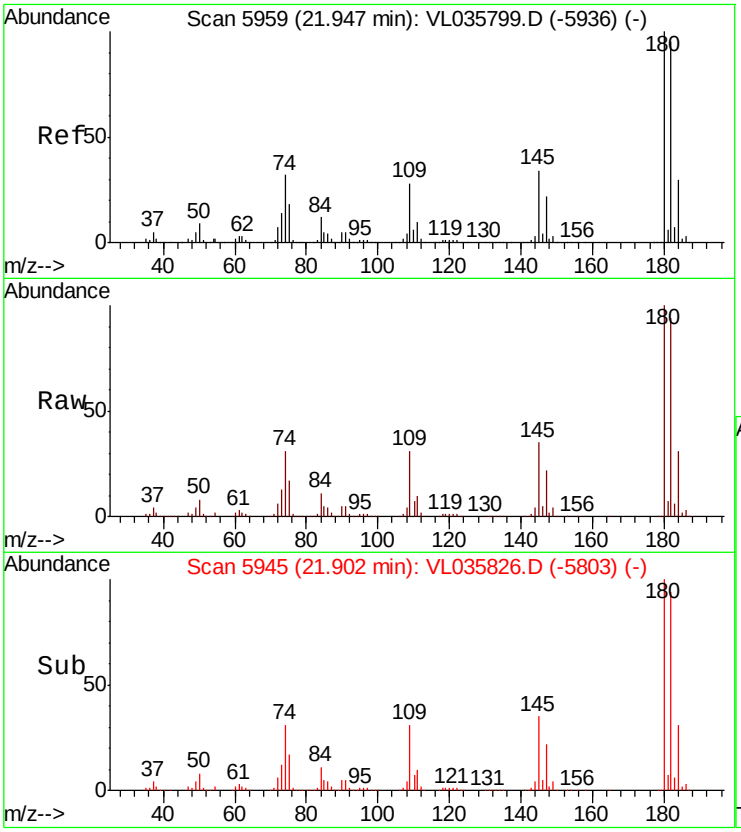


#80
Naphthalene,2-methyl-
Concen: 18.653 ppbv
RT: 24.96 min Scan# 6896
Delta R.T. -0.03 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Tgt Ion:142 Resp: 1476542

Ion	Ratio	Lower	Upper
142	100		
141	81.4	67.8	101.8
115	31.0	28.1	42.1





#81
1,2,4-Trichlorobenzene
Concen: 10.128 ppbv
RT: 21.90 min Scan# 5945
Delta R.T. -0.05 min
Lab File: VL035826.D
Acq: 4 Nov 2020 5:40

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:180 Resp: 2748595

Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.2	115.8
184	31.3	24.7	37.1