Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110420\
Data File : VL035856.D
Acq On : 5 Nov 2020 6:41
Operator : SY/AP
Sample : QC102920 CAN 10604
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Nov 05 07:50:32 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	853041	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	3331434	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	4047481	10.00	ppbv	-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2337048	8.13	ppbv	-0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 81.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.02	85	1613260	10.045	ppbv	98
3) Chlorodifluoromethane	2.97	51	970110	9.497	ppbv	98
4) Chloromethane	3.11	50	475807	9.588	ppbv	99
5) Vinyl Chloride	3.23	62	589990	9.326	ppbv	99
6) Bromomethane	3.45	94	480819	9.451	ppbv	100
7) Chloroethane	3.53	64	221753	9.960	ppbv	100
8) Dichlorotetrafluoroethane	3.16	85	1758188	9.566	ppbv	99
9) Propene	2.99	41	353848	9.464	ppbv	100
10) Heptane	8.09	43	1077762	10.436	ppbv	99
11) Trichlorofluoromethane	3.92	101	2130571	10.565	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.46	101	1541999	10.270	ppbv	99
13) Ethanol	3.58	45	53219	6.561	ppbv	97
14) Bromoethene	3.71	108	645739	9.345	ppbv	99
15) Acetone	3.83	43	836396	9.171	ppbv	98
16) 1,3-Butadiene	3.30	39	384965	9.804	ppbv	97
17) tert-Butyl alcohol	4.27	59	972059	8.043	ppbv	98
18) 1,1-Dichloroethene	4.26	96	681734	9.889	ppbv	98
19) Isopropyl Alcohol	3.94	45	456416	8.144	ppbv #	95
20) Methylene Chloride	4.32	84	545780	8.501	ppbv	99
21) Allyl Chloride	4.38	41	486669	9.868	ppbv	96
22) trans-1,2-Dichloroethene	4.86	96	714997	10.231	ppbv	99
23) Vinyl Acetate	5.05	43	1157591	9.055	ppbv	98
24) 1,1-Dichloroethane	4.99	63	1160353	9.528	ppbv	99
25) Ethyl Acetate	5.65	43	1799837	10.018	ppbv	99
26) Hexane	5.66	57	945504	9.543	ppbv	97
27) Carbon Disulfide	4.52	76	1464747	9.866	ppbv	100
28) Methyl tert-Butyl Ether	5.01	73	1583842	8.901	ppbv	99
29) Chloroform	5.73	83	1920035	9.859	ppbv	98
30) Cyclohexane	7.10	84	1002703	9.292	ppbv	98
31) cis-1,2-Dichloroethene	5.52	61	986306	9.676	ppbv	98
32) 1,1,1-Trichloroethane	6.48	97	1855531	9.131	ppbv	99
34) 2-Butanone	5.22	43	1142962	10.571	ppbv	97
35) Carbon Tetrachloride	6.99	117	1907062	10.714	ppbv	99
36) Benzene	6.86	78	2392935	9.662	ppbv	99
37) 1,2-Dichloroethane	6.28	62	1201398	10.708	ppbv	98
38) Trichloroethene	7.81	130	1127390	9.319	ppbv	97
39) 1,2-Dichloropropane	7.59	63	825456	9.899	ppbv	99
40) 1,4-Dioxane	7.80	88	342735	8.672	ppbv	69
41) Tetrahydrofuran	6.02	42	666495	10.850	ppbv	98
42) Bromodichloromethane	7.76	83	1967616	10.393	ppbv	98
43) Methyl Methacrylate	7.99	69	979383	10.367	ppbv	97

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110420\
Data File : VL035856.D
Acq On : 5 Nov 2020 6:41
Operator : SY/AP
Sample : QC102920 CAN 10604
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Nov 05 07:50:32 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	3300543	10.070	ppbv		99
45) t-1,3-Dichloropropene	9.25	75	1040785	10.393	ppbv		98
46) cis-1,3-Dichloropropene	8.68	75	1297425	10.230	ppbv		97
47) 1,1,2-Trichloroethane	9.45	97	1130880	9.953	ppbv		98
48) Dibromochloromethane	10.28	129	1878466	10.822	ppbv		100
49) Bromoform	13.01	173	1647413	11.248	ppbv		100
50) 4-Methyl-2-Pentanone	8.71	43	1834786	11.098	ppbv		98
51) 2-Hexanone	10.10	43	1529370	11.516	ppbv		98
52) Tetrachloroethene	11.19	164	1080275	9.207	ppbv		98
53) Toluene	9.78	91	2965220	9.922	ppbv		99
54) 1,2-Dibromoethane	10.58	107	1745425	10.101	ppbv		100
56) 1,1,1,2-Tetrachloroethane	12.10	131	1479535	8.144	ppbv		98
57) Chlorobenzene	12.12	112	2451567	7.618	ppbv		99
58) Ethyl Benzene	12.68	91	3959948	8.033	ppbv		98
59) m/p-Xylene	12.97	91	3734763	8.955	ppbv	#	44
60) o-Xylene	13.66	91	3314697	8.170	ppbv		98
61) Styrene	13.50	104	2491558	8.381	ppbv		99
62) Isopropylbenzene	14.64	105	5045941	7.913	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.65	83	2409506	7.665	ppbv		99
64) n-propylbenzene	15.54	120	1491365	8.091	ppbv		95
65) tert-Butylbenzene	16.72	119	4661730	8.031	ppbv		99
66) Benzyl Chloride	16.96	91	1583278	8.252	ppbv		98
67) sec-Butylbenzene	17.27	105	6386459	8.165	ppbv		99
69) p-Isopropyltoluene	17.63	119	5382553	8.339	ppbv		99
70) n-Butylbenzene	18.53	91	5427873	8.732	ppbv		99
71) 2-Chlorotoluene	15.43	91	3856766	8.269	ppbv		98
72) 4-Ethyltoluene	15.81	105	4097474	8.327	ppbv		100
73) 1,3,5-Trimethylbenzene	15.97	105	3816219	8.475	ppbv		97
74) 1,2,4-Trimethylbenzene	16.74	105	4030452	8.353	ppbv		99
75) 1,3-Dichlorobenzene	16.97	146	2550401	8.301	ppbv		100
76) 1,4-Dichlorobenzene	17.11	146	2503475	8.447	ppbv		99
77) 1,2-Dichlorobenzene	17.79	146	2521141	8.418	ppbv		99
78) Hexachloro-1,3-Butadiene	23.35	225	1449509	10.373	ppbv		100
79) Naphthalene	22.17	128	3696729	10.990	ppbv		99
80) Naphthalene,2-methyl-	24.96	142	833104	15.199	ppbv		99
81) 1,2,4-Trichlorobenzene	21.90	180	1911479	10.172	ppbv		98

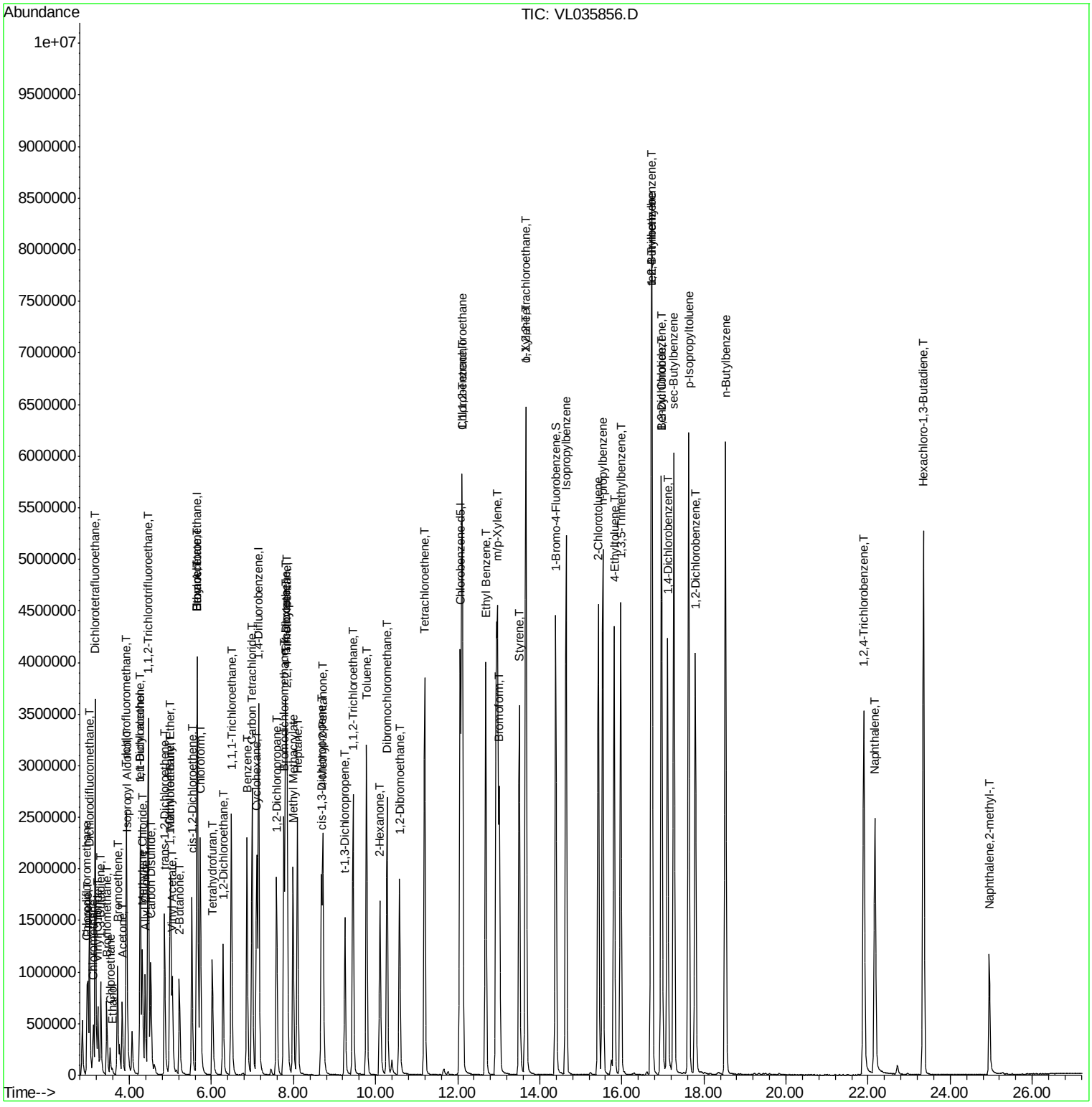
(#) = qualifier out of range (m) = manual integration (+) = signals summed

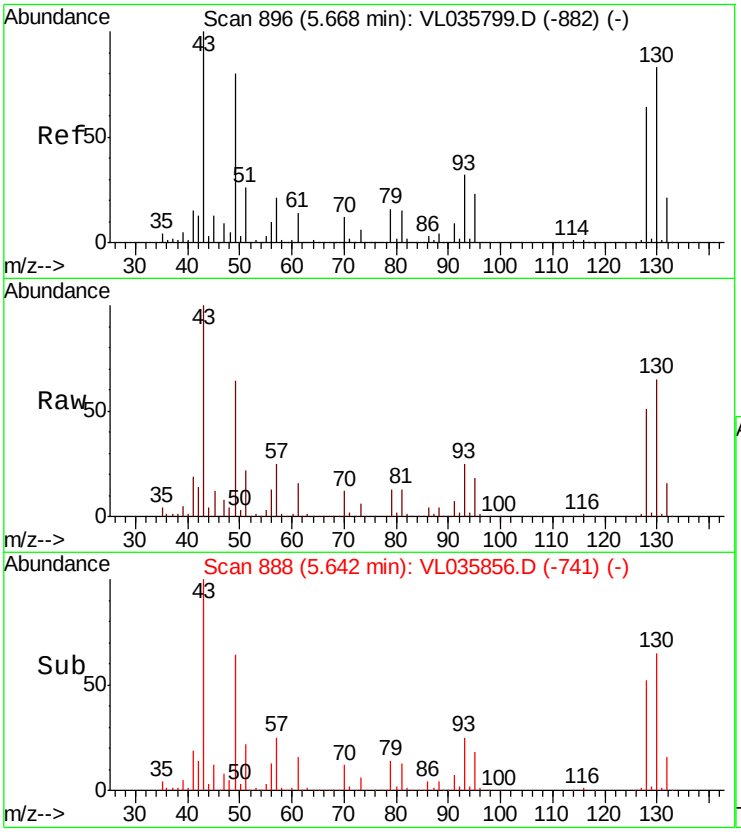
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110420\
Data File : VL035856.D
Acq On : 5 Nov 2020 6:41
Operator : SY/AP
Sample : QC102920 CAN 10604
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Nov 05 07:50:32 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



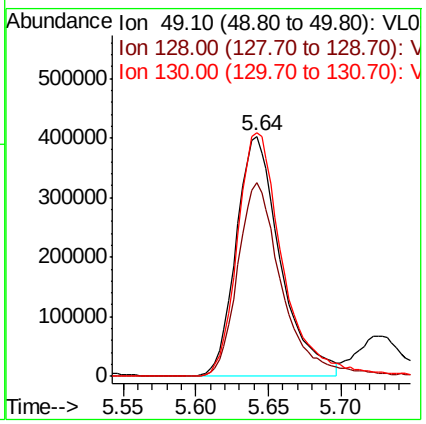


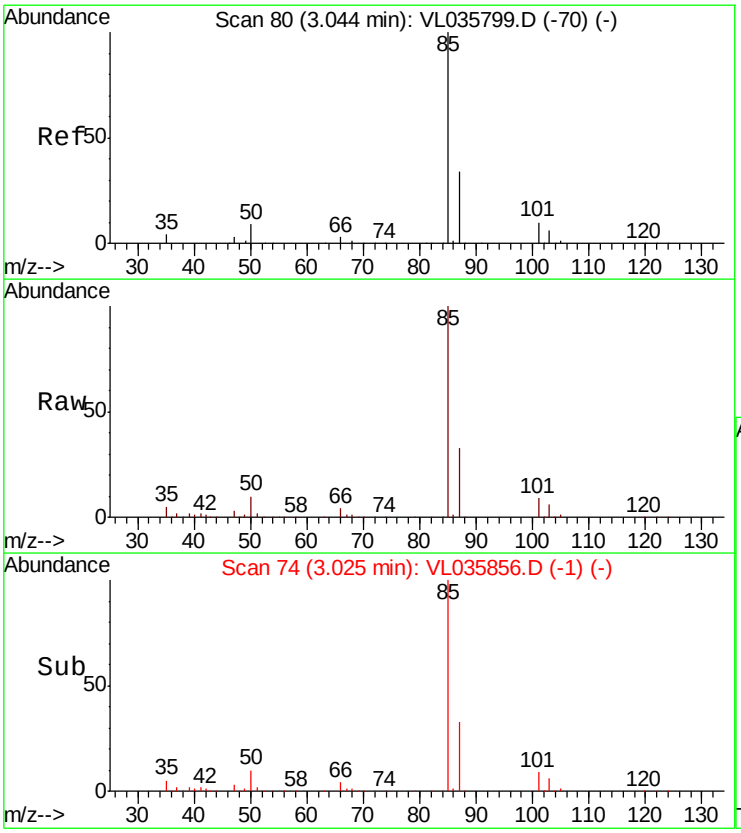
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64 min Scan# 888
Delta R.T. -0.03 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 853041

Ion	Ratio	Lower	Upper
49	100		
128	82.6	41.5	124.6
130	106.0	53.7	161.1

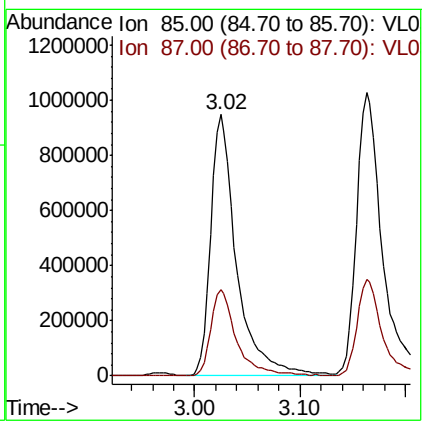


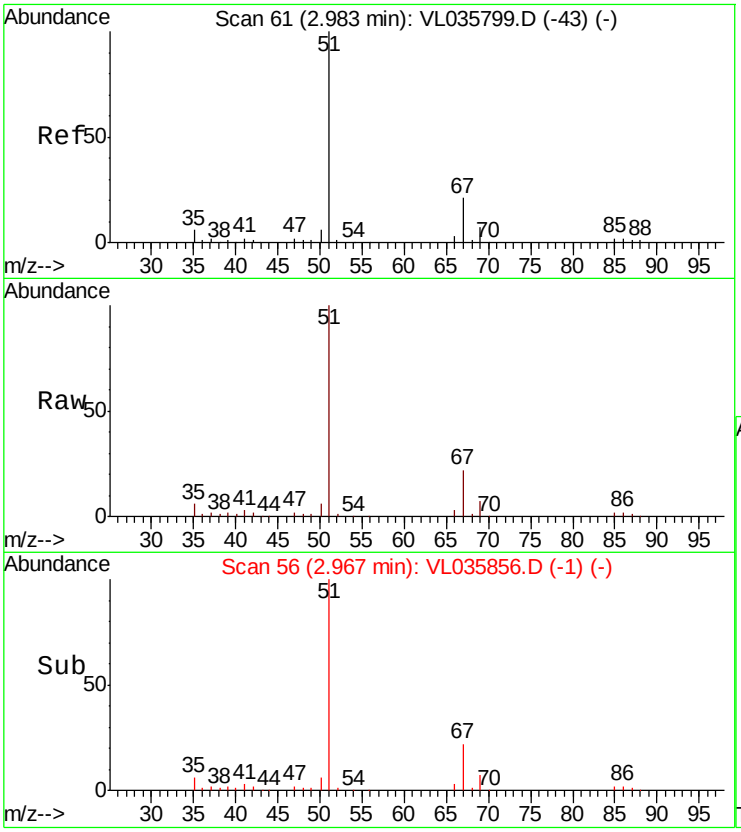


#2
Dichlorodifluoromethane
Concen: 10.045 ppbv
RT: 3.02 min Scan# 74
Delta R.T. -0.02 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Tgt Ion: 85 Resp: 1613260

Ion	Ratio	Lower	Upper
85	100		
87	32.8	27.1	40.7



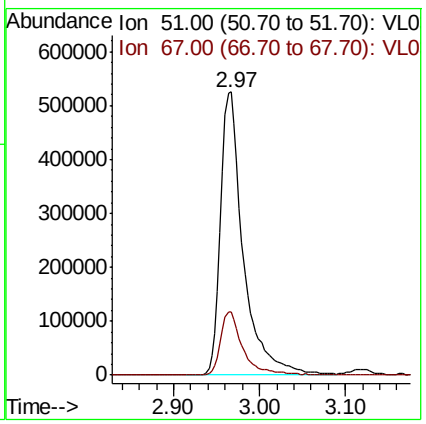


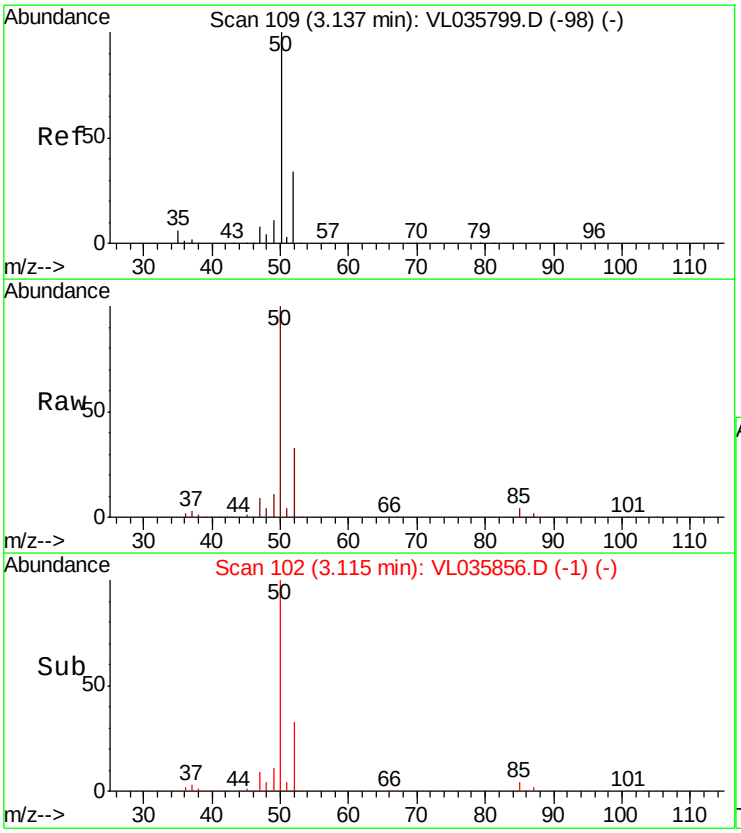
#3
Chlorodifluoromethane
Concen: 9.497 ppbv
RT: 2.97 min Scan# 56
Delta R.T. -0.02 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 970110

Ion	Ratio	Lower	Upper
51	100		
67	22.1	17.0	25.4

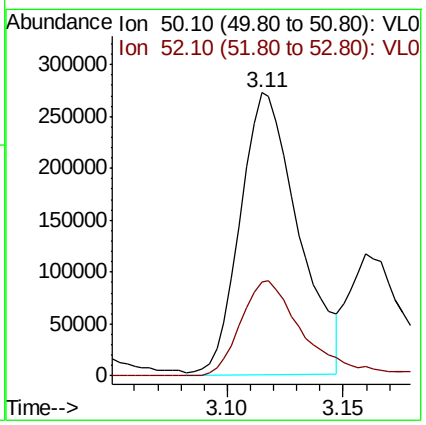


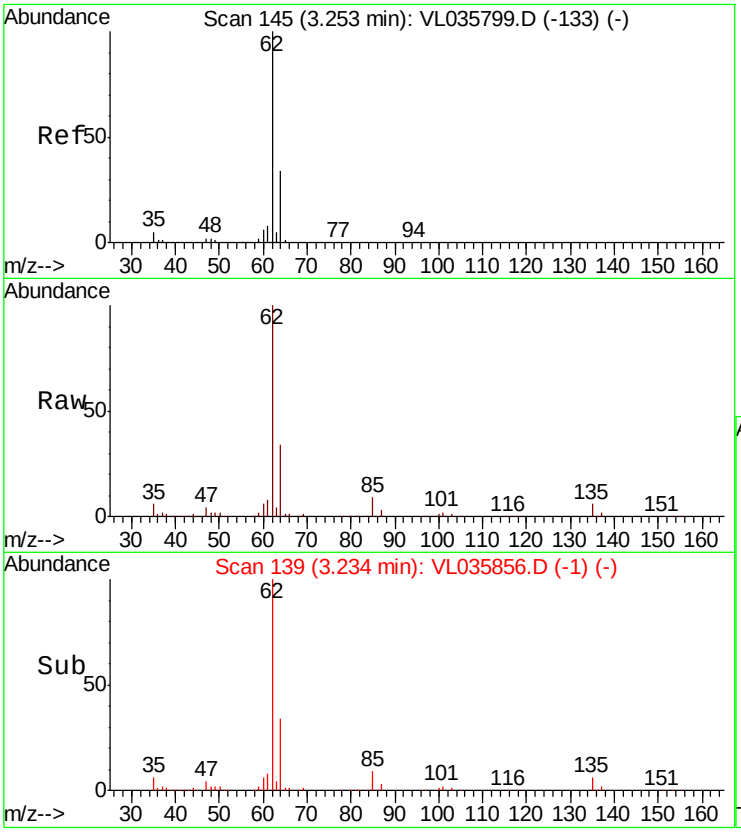


#4
Chloromethane
Concen: 9.588 ppbv
RT: 3.11 min Scan# 102
Delta R.T. -0.02 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Tgt Ion: 50 Resp: 475807

Ion	Ratio	Lower	Upper
50	100		
52	33.6	27.1	40.7



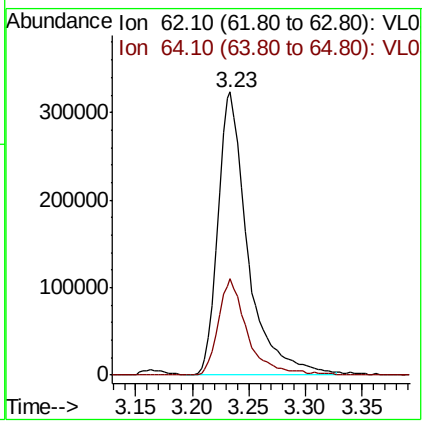


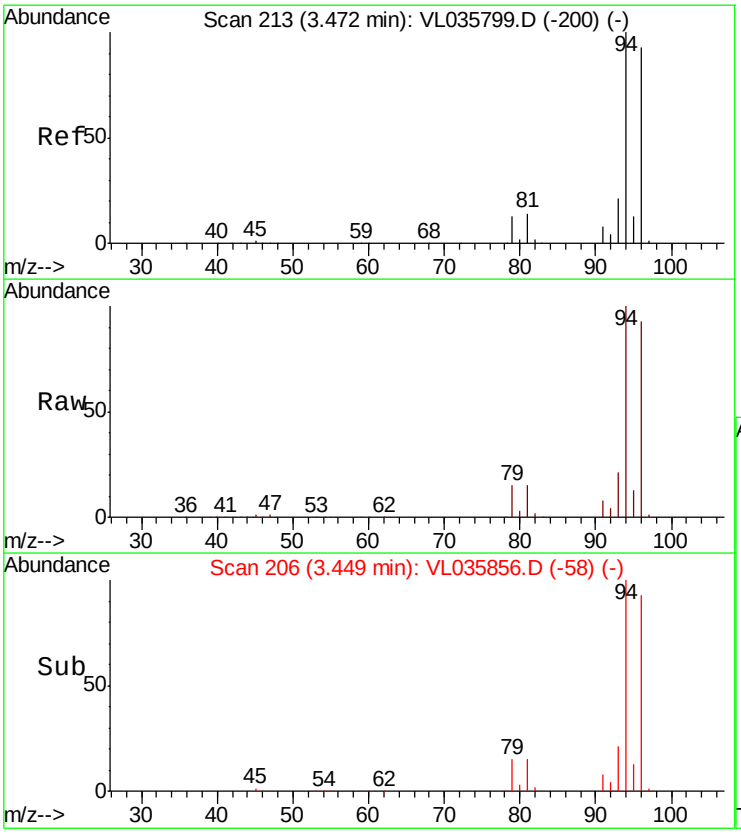
#5
Vinyl Chloride
Concen: 9.326 ppbv
RT: 3.23 min Scan# 139
Delta R.T. -0.02 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 62 Resp: 589990

Ion	Ratio	Lower	Upper
62	100		
64	34.0	26.9	40.3

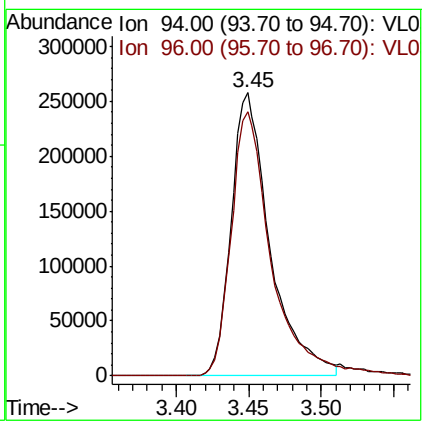


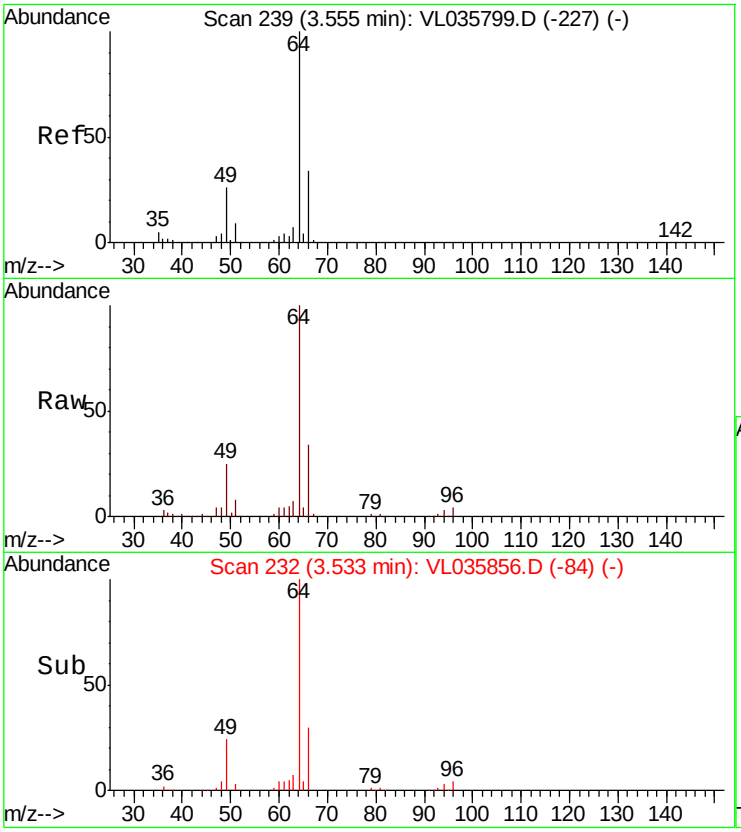


#6
Bromomethane
Concen: 9.451 ppbv
RT: 3.45 min Scan# 206
Delta R.T. -0.02 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Tgt Ion: 94 Resp: 480819

Ion	Ratio	Lower	Upper
94	100		
96	93.3	74.6	111.8



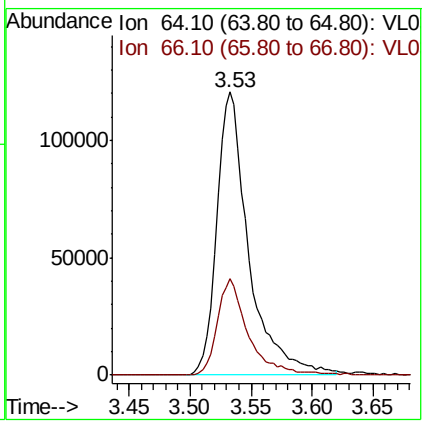


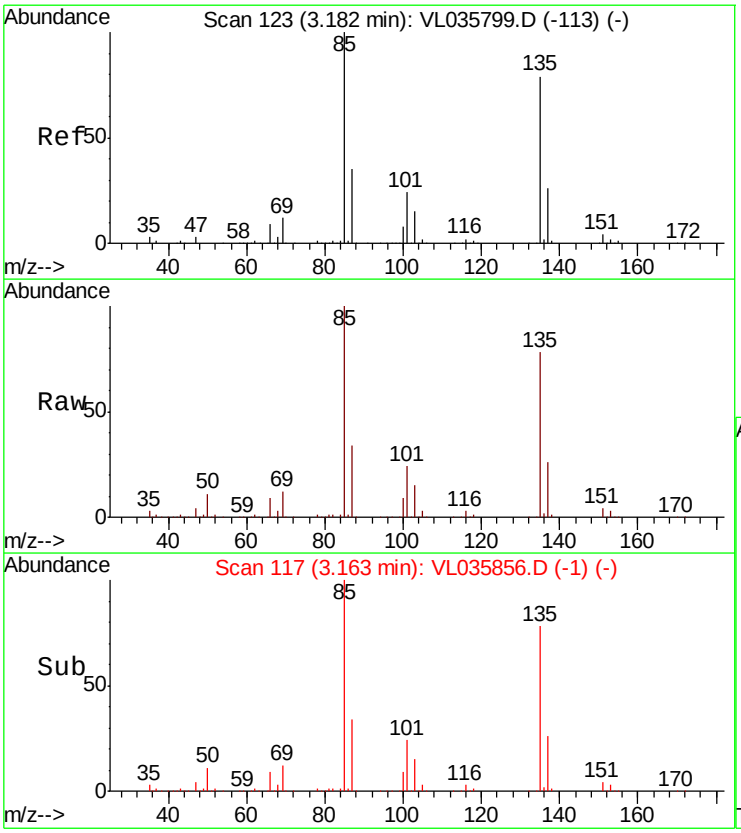
#7
Chloroethane
Concen: 9.960 ppbv
RT: 3.53 min Scan# 232
Delta R.T. -0.02 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 64 Resp: 221753

Ion	Ratio	Lower	Upper
64	100		
66	34.0	27.0	40.6

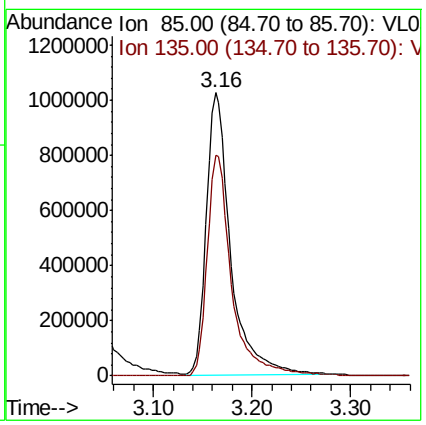


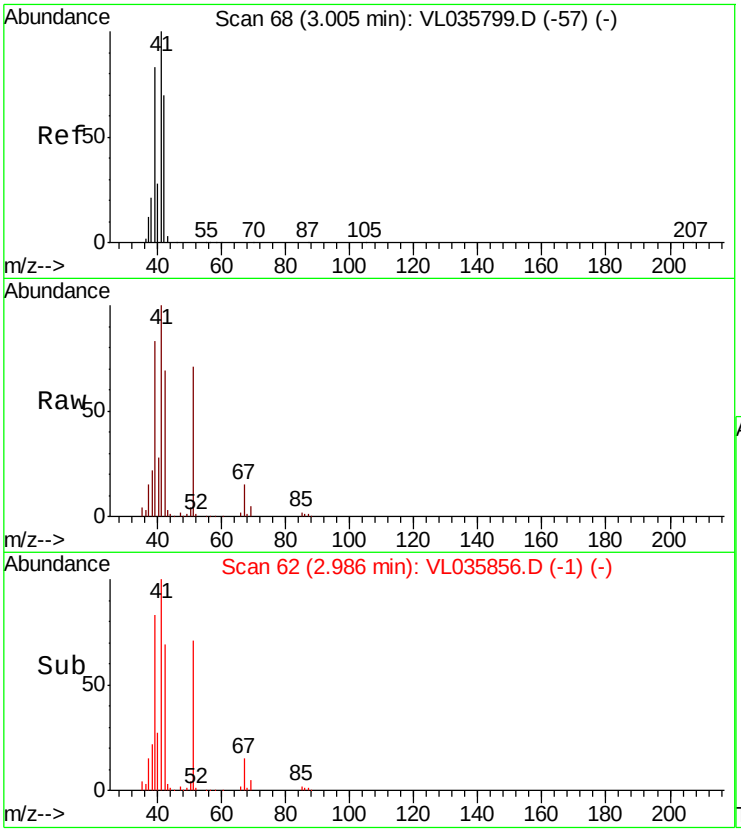


#8
Dichlorotetrafluoroethane
Concen: 9.566 ppbv
RT: 3.16 min Scan# 117
Delta R.T. -0.02 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Tgt Ion: 85 Resp: 1758188

Ion	Ratio	Lower	Upper
85	100		
135	79.5	64.6	96.8

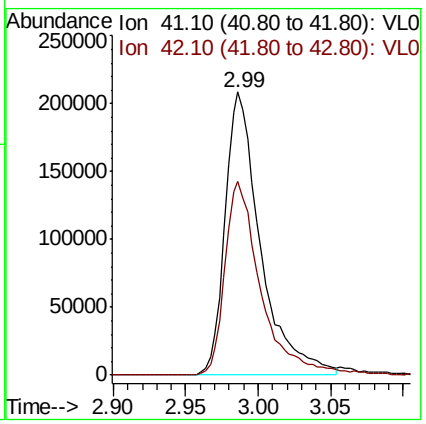




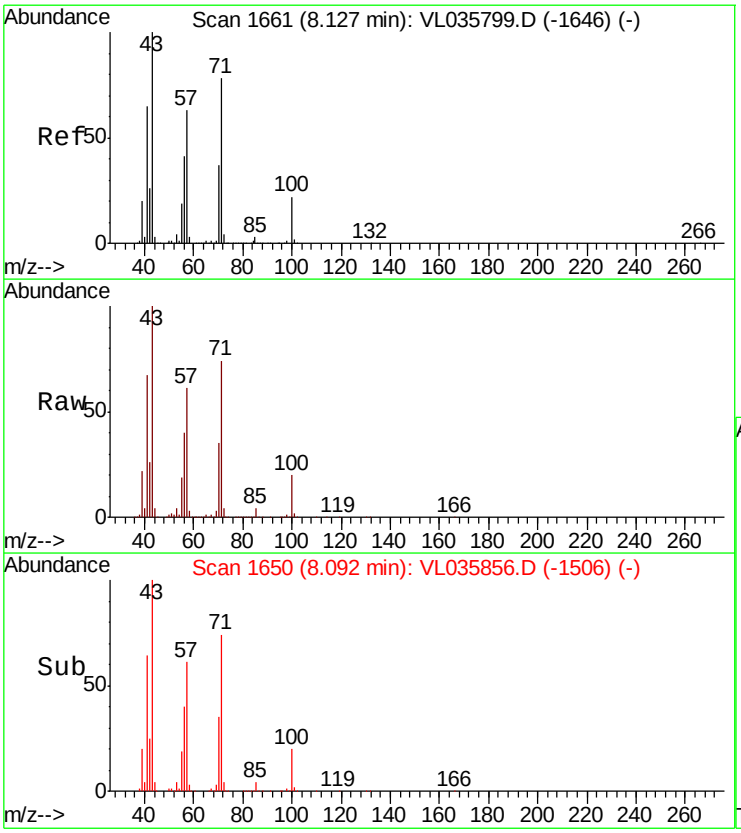
#9
Propene
Concen: 9.464 ppbv
RT: 2.99 min Scan# 62
Delta R.T. -0.02 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Tgt Ion: 41 Resp: 353848

Ion	Ratio	Lower	Upper
41	100		
42	70.1	56.2	84.4



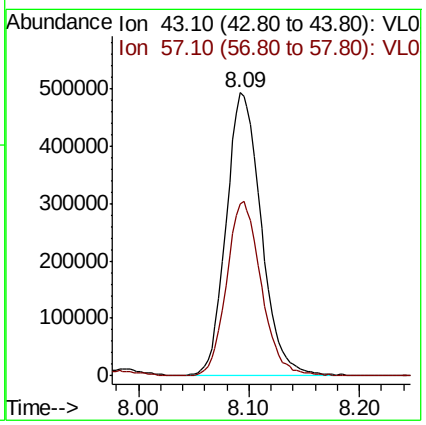
Instrument :
MSVOA_L
ClientSampleId :

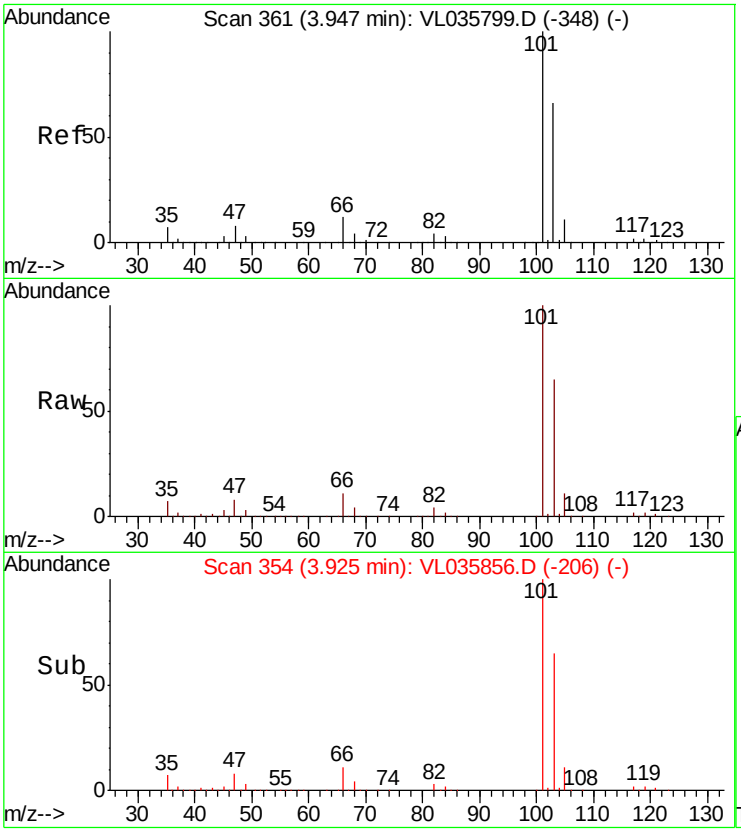


#10
Heptane
Concen: 10.436 ppbv
RT: 8.09 min Scan# 1650
Delta R.T. -0.04 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Tgt Ion: 43 Resp: 1077762

Ion	Ratio	Lower	Upper
43	100		
57	61.6	50.0	75.0



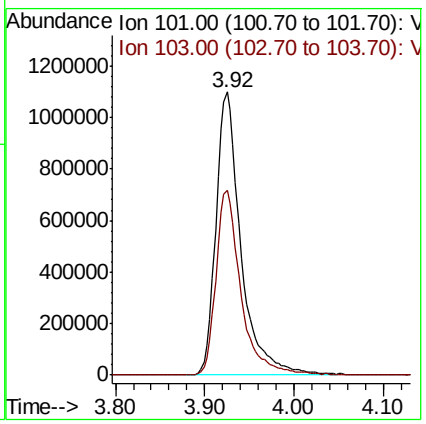


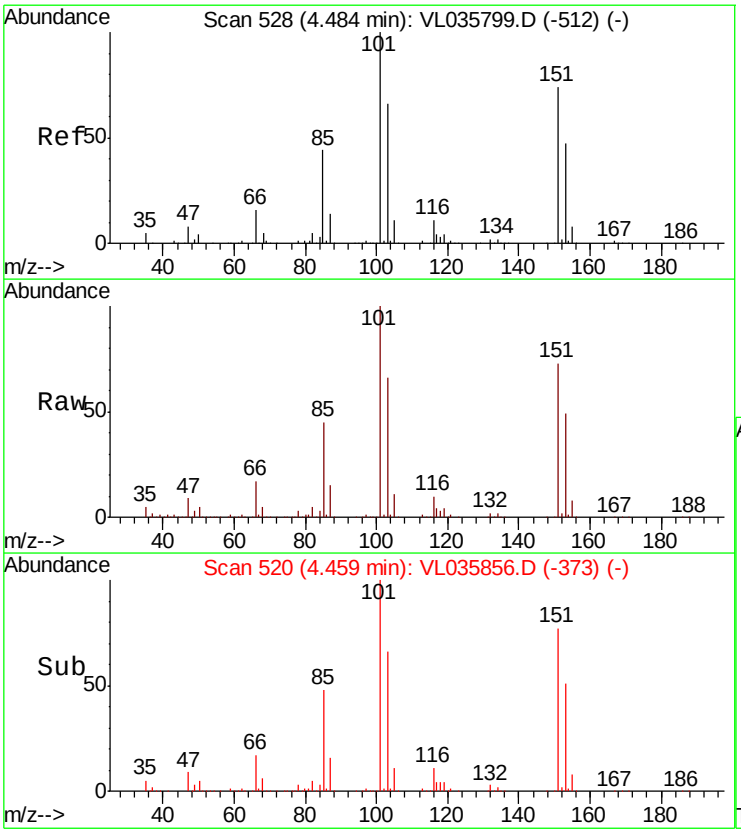
#11
Trichlorofluoromethane
Concen: 10.565 ppbv
RT: 3.92 min Scan# 354
Delta R.T. -0.02 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 2130571

Ion	Ratio	Lower	Upper
101	100		
103	65.4	53.0	79.4

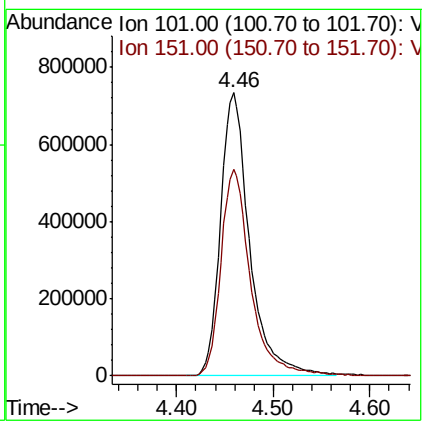


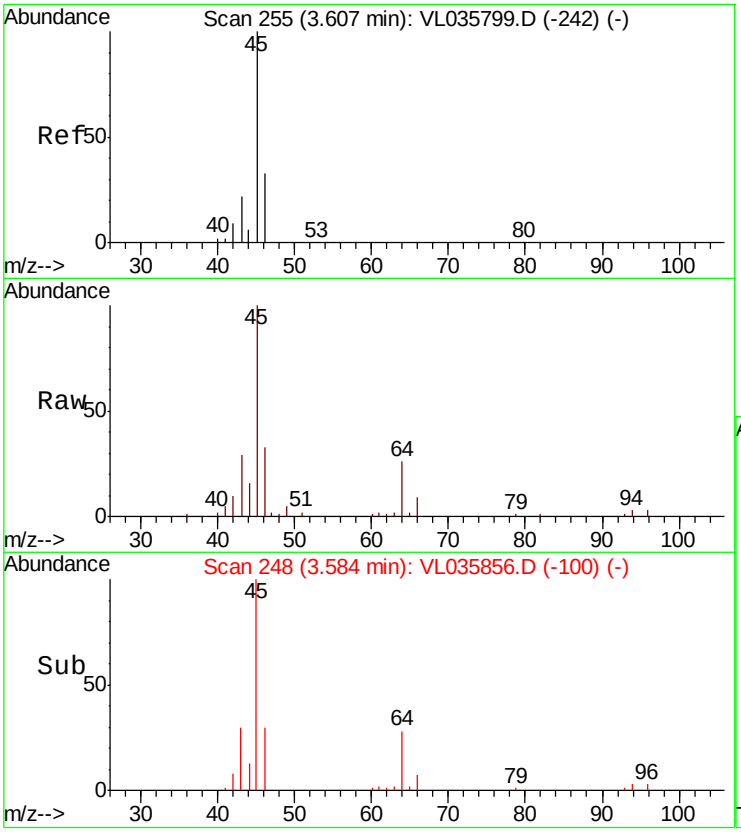


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.270 ppbv
RT: 4.46 min Scan# 520
Delta R.T. -0.03 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Tgt Ion:101 Resp: 1541999

Ion	Ratio	Lower	Upper
101	100		
151	74.4	58.9	88.3



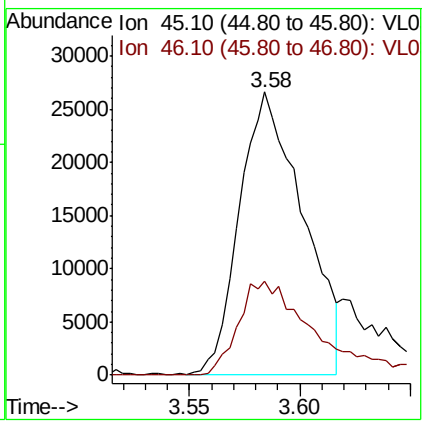


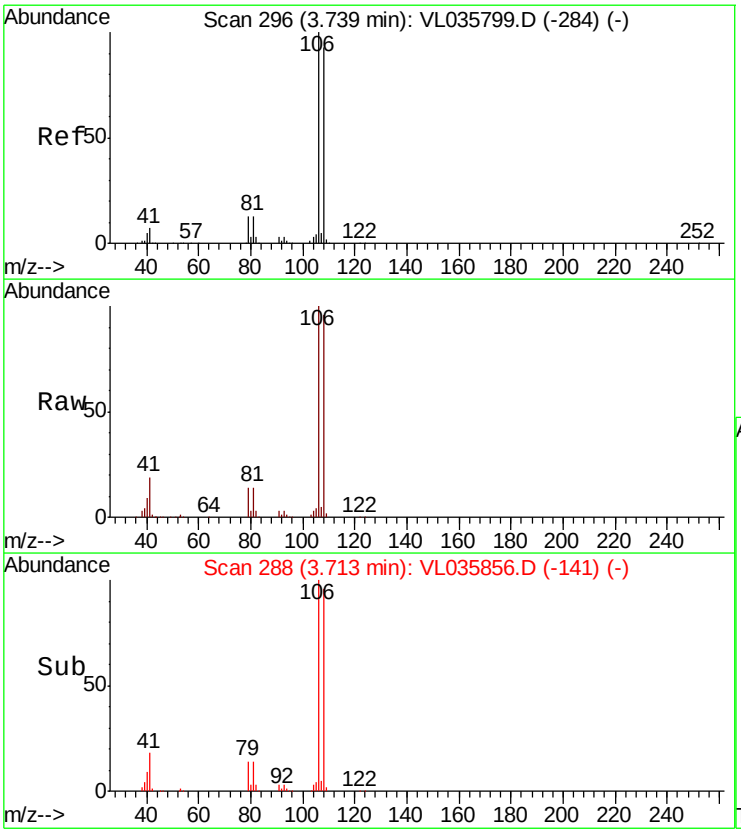
#13
Ethanol
Concen: 6.561 ppbv
RT: 3.58 min Scan# 248
Delta R.T. -0.02 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 53219

Ion	Ratio	Lower	Upper
45	100		
46	42.1	16.1	64.5

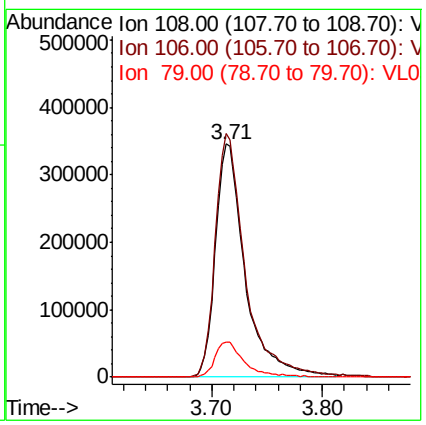


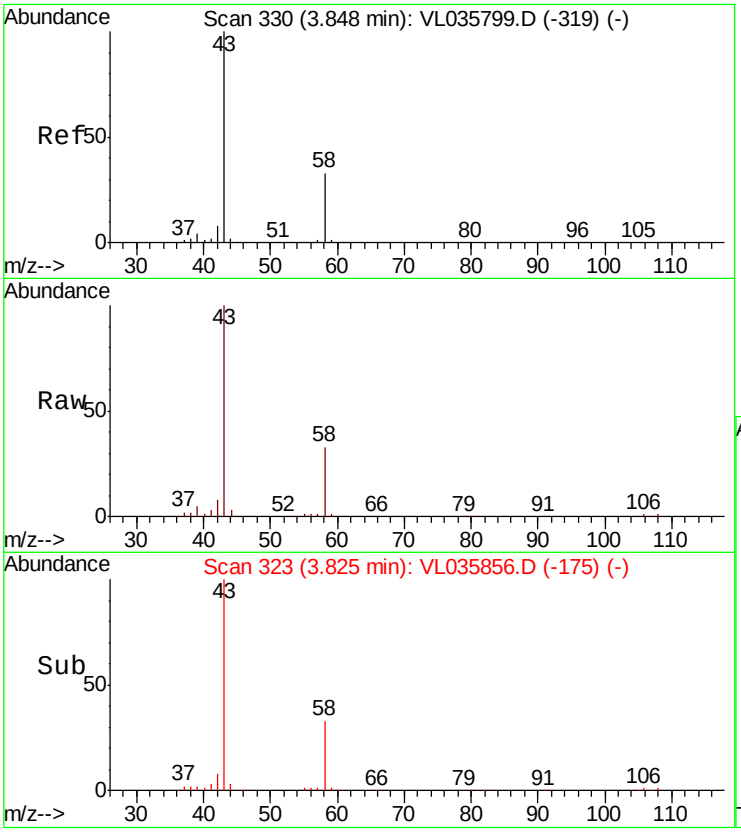


#14
Bromoethene
Concen: 9.345 ppbv
RT: 3.71 min Scan# 288
Delta R.T. -0.03 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Tgt Ion:108 Resp: 645739

Ion	Ratio	Lower	Upper
108	100		
106	105.7	85.3	127.9
79	15.4	11.6	17.4



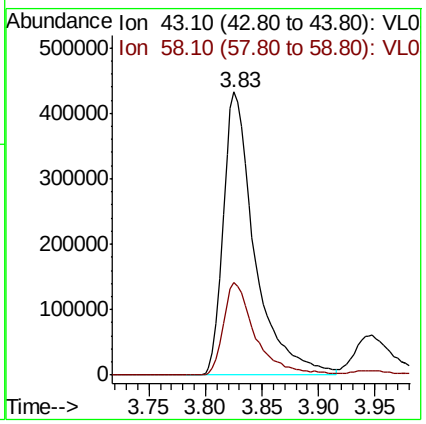


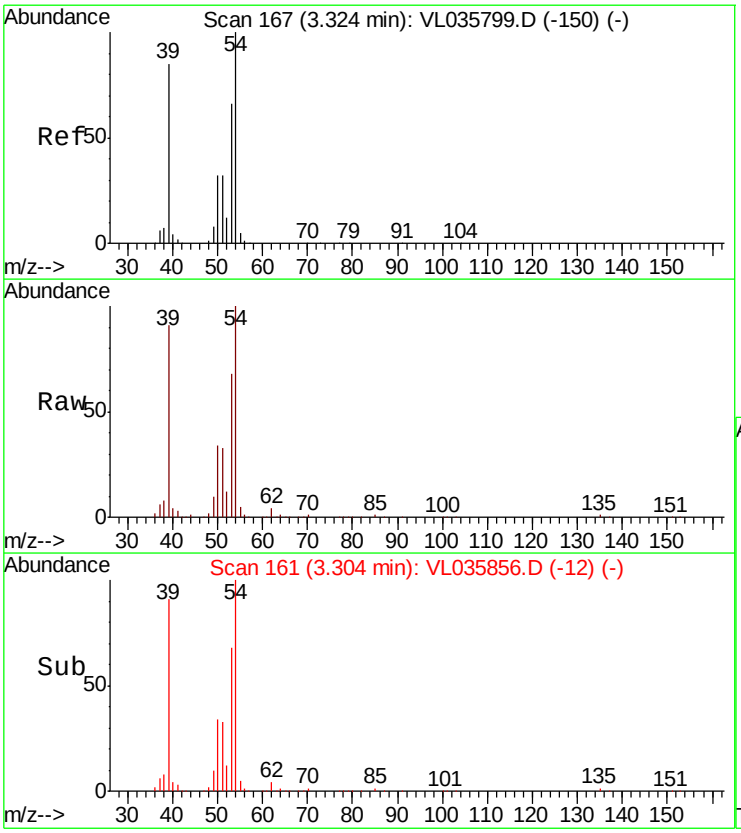
#15
Acetone
Concen: 9.171 ppbv
RT: 3.83 min Scan# 323
Delta R.T. -0.02 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 836396

Ion	Ratio	Lower	Upper
43	100		
58	33.2	27.5	41.3

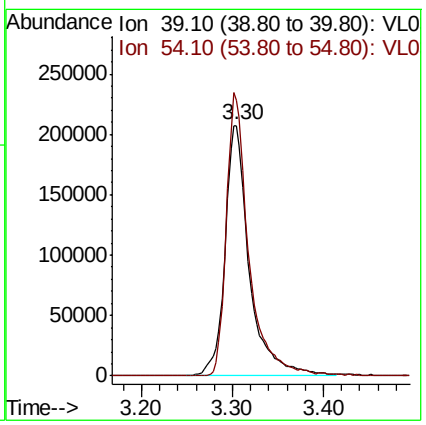


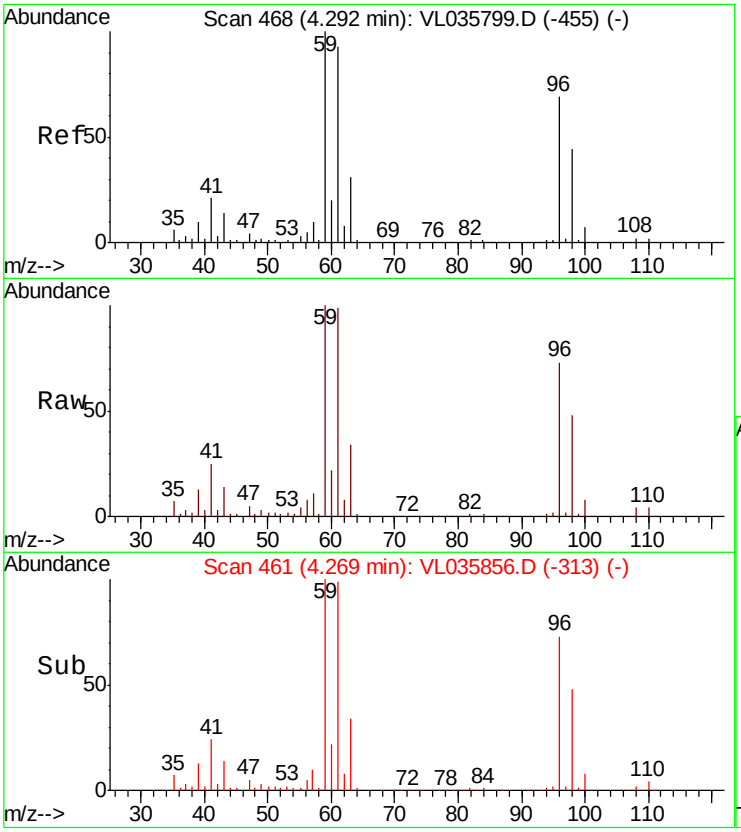


#16
1,3-Butadiene
Concen: 9.804 ppbv
RT: 3.30 min Scan# 161
Delta R.T. -0.02 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Tgt Ion: 39 Resp: 384965

Ion	Ratio	Lower	Upper
39	100		
54	105.5	87.1	130.7



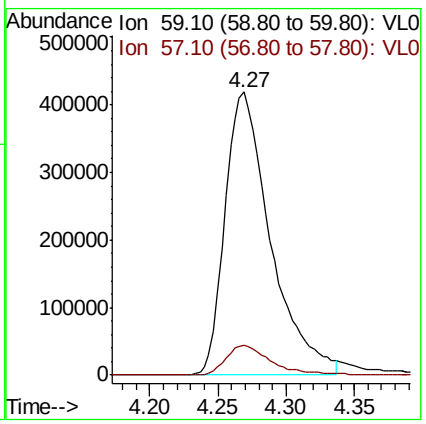


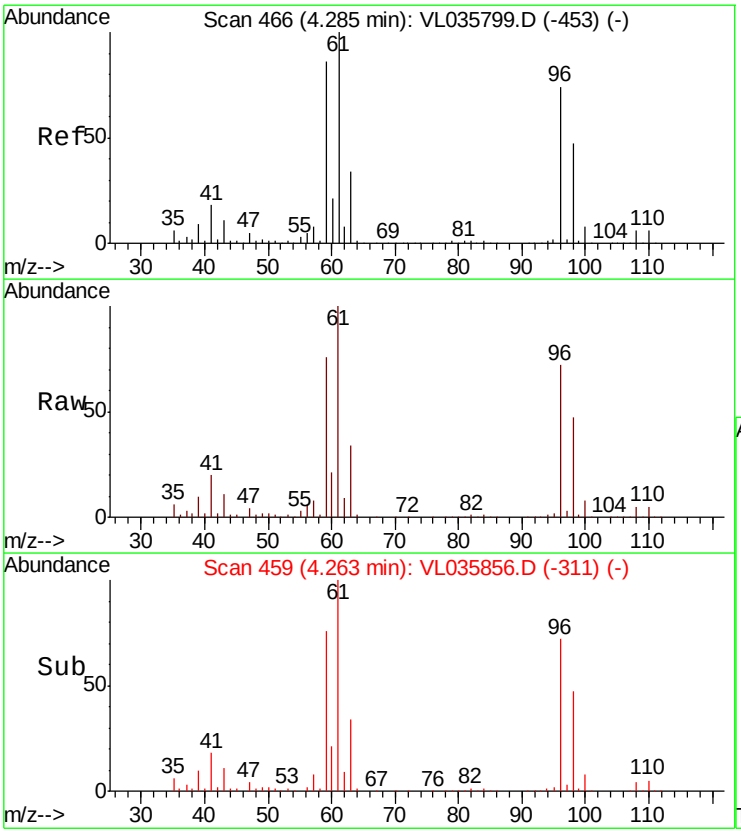
#17
tert-Butyl alcohol
Concen: 8.043 ppbv
RT: 4.27 min Scan# 461
Delta R.T. -0.02 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 59 Resp: 972059

Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.2	12.4

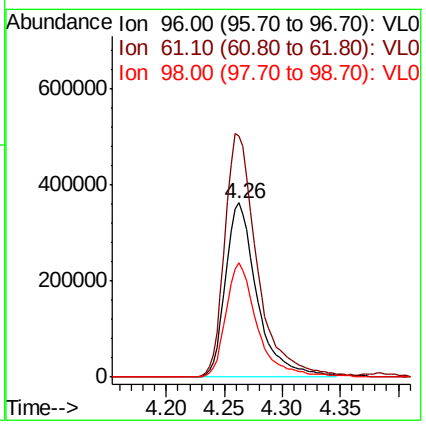


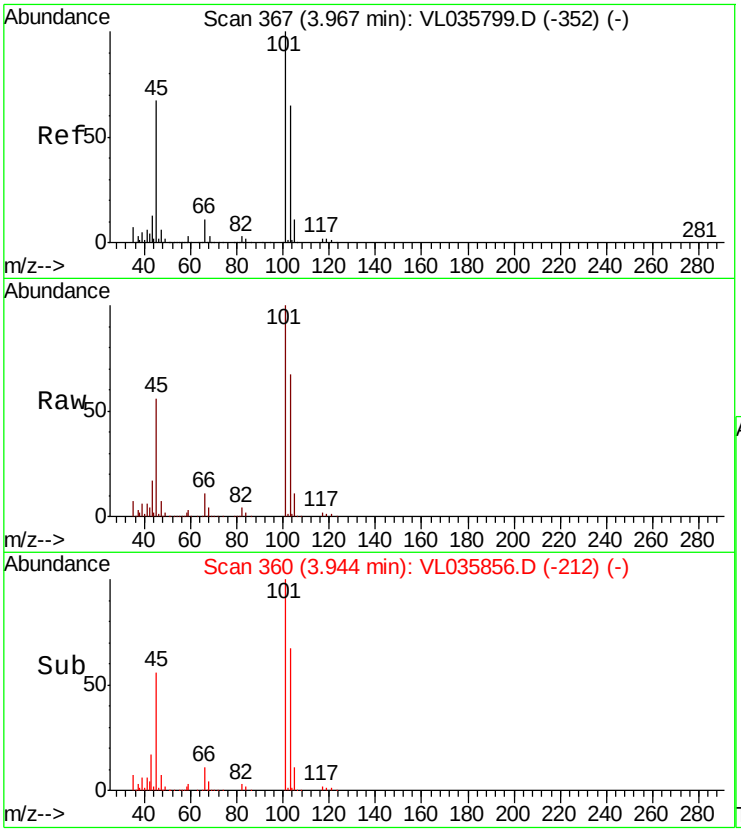


#18
1,1-Dichloroethene
Concen: 9.889 ppbv
RT: 4.26 min Scan# 459
Delta R.T. -0.02 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Tgt Ion: 96 Resp: 681734

Ion	Ratio	Lower	Upper
96	100		
61	138.4	108.5	162.7
98	65.6	50.7	76.1



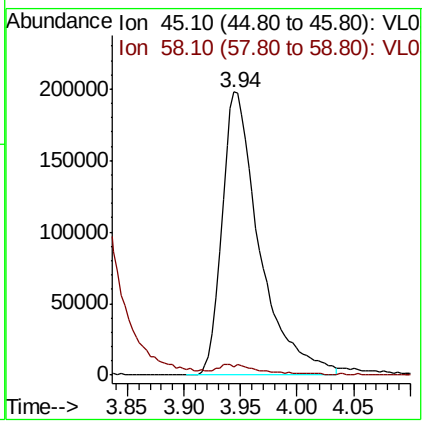


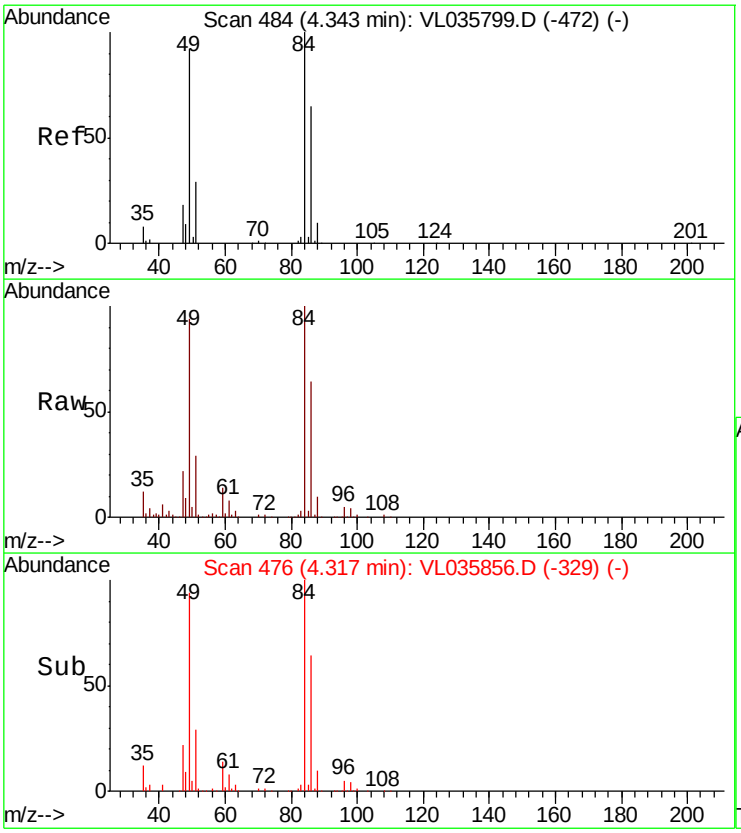
#19
Isopropyl Alcohol
Concen: 8.144 ppbv
RT: 3.94 min Scan# 360
Delta R.T. -0.02 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 456416

Ion	Ratio	Lower	Upper
45	100		
58	4.8	2.6	3.8#

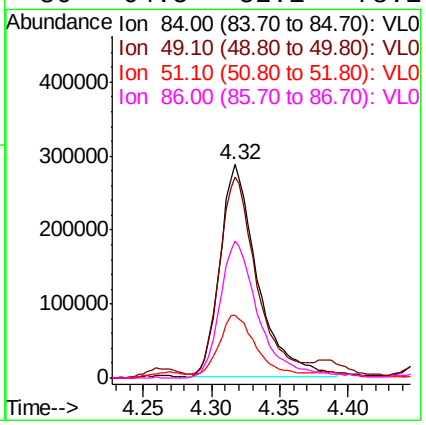


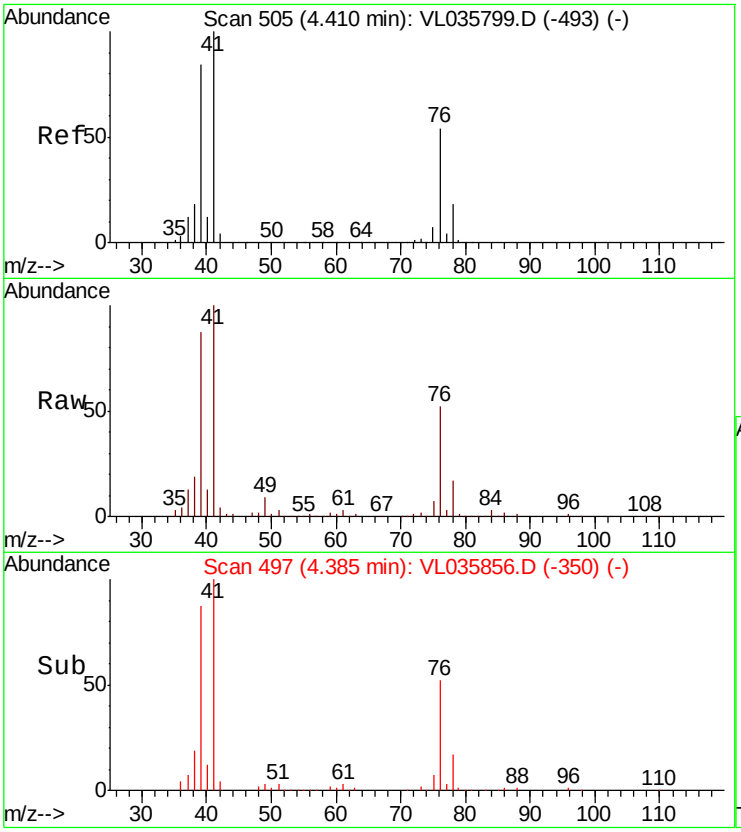


#20
Methylene Chloride
Concen: 8.501 ppbv
RT: 4.32 min Scan# 476
Delta R.T. -0.03 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Tgt Ion: 84 Resp: 545780

Ion	Ratio	Lower	Upper
84	100		
49	92.8	73.8	110.8
51	27.8	23.0	34.4
86	64.5	52.1	78.1



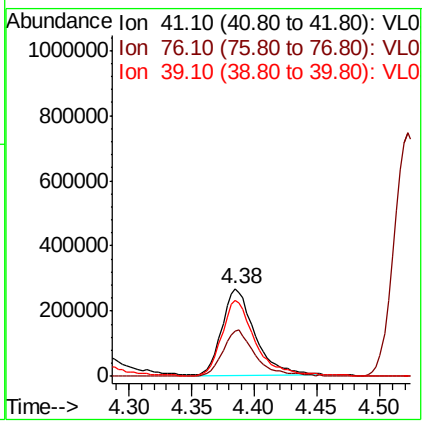


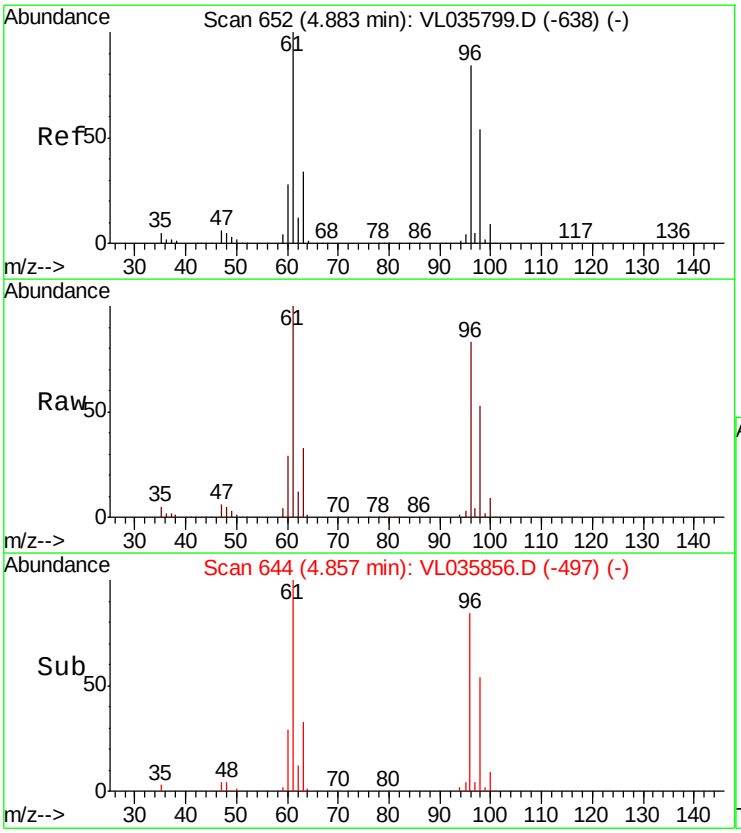
#21
Allvl Chloride
Concen: 9.868 ppbv
RT: 4.38 min Scan# 497
Delta R.T. -0.03 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 486669

Ion	Ratio	Lower	Upper
41	100		
76	53.3	42.6	63.8
39	88.9	67.0	100.4

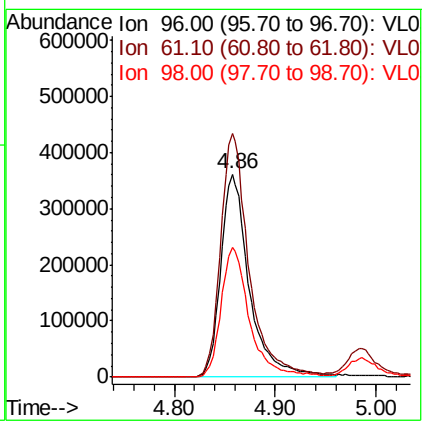


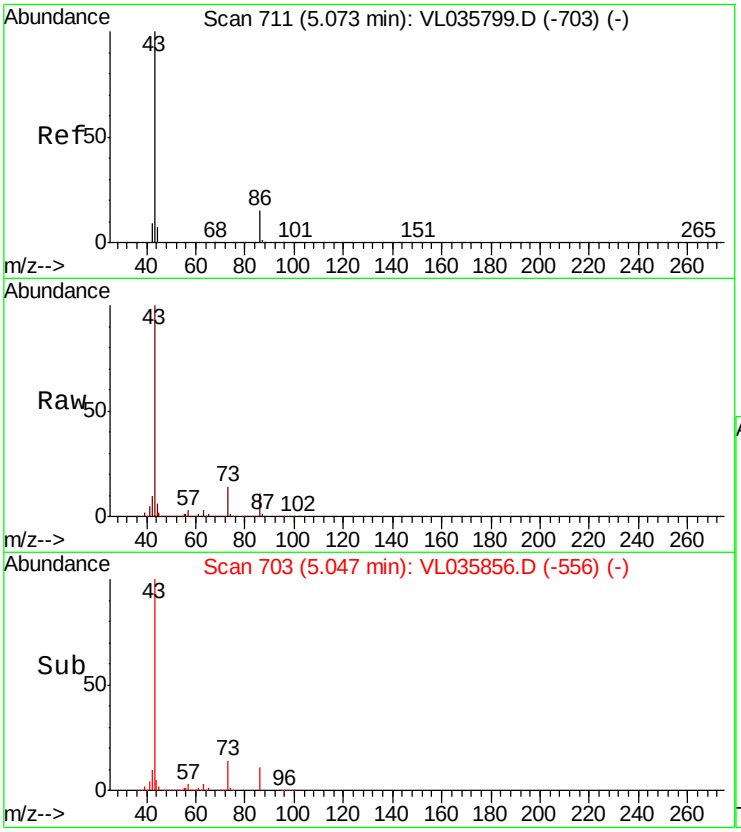


#22
trans-1,2-Dichloroethene
Concen: 10.231 ppbv
RT: 4.86 min Scan# 644
Delta R.T. -0.03 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Tgt Ion: 96 Resp: 714997

Ion	Ratio	Lower	Upper
96	100		
61	119.9	95.4	143.0
98	63.6	51.8	77.6



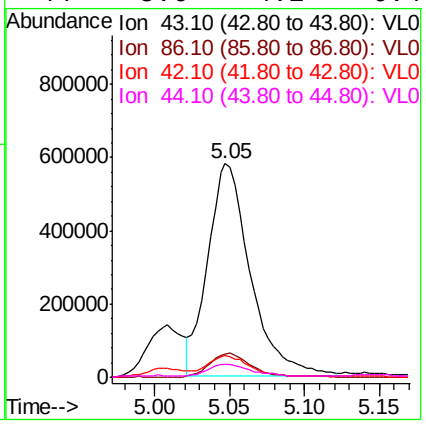


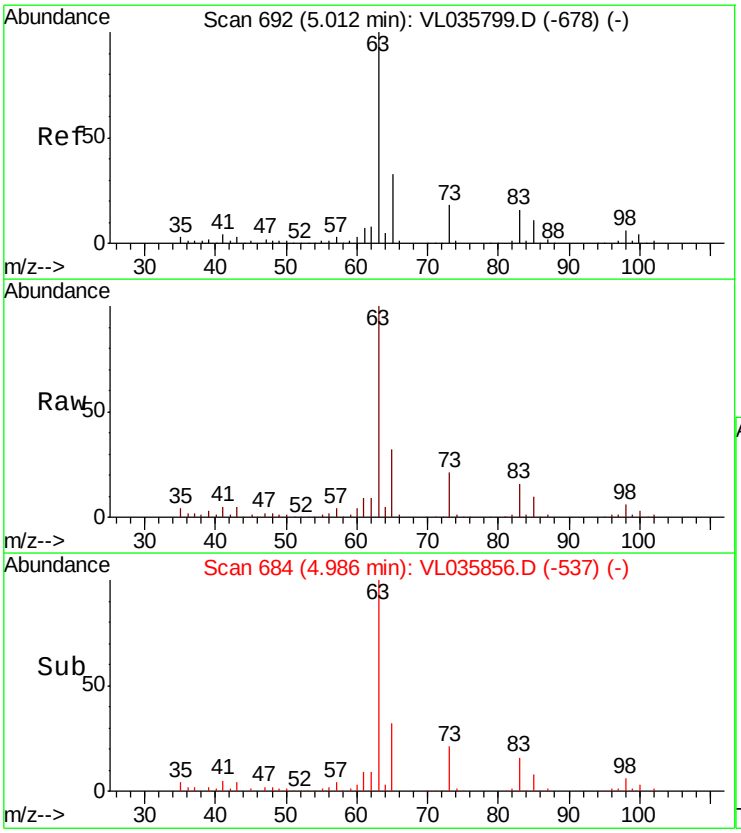
#23
Vinyl Acetate
Concen: 9.055 ppbv
RT: 5.05 min Scan# 703
Delta R.T. -0.03 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 1157591

Ion	Ratio	Lower	Upper
43	100		
86	10.7	9.8	14.6
42	9.7	8.1	12.1
44	5.6	4.2	6.4

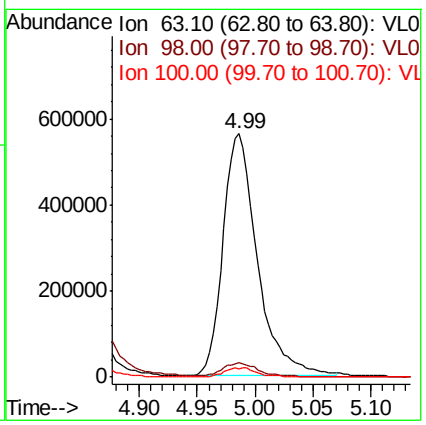


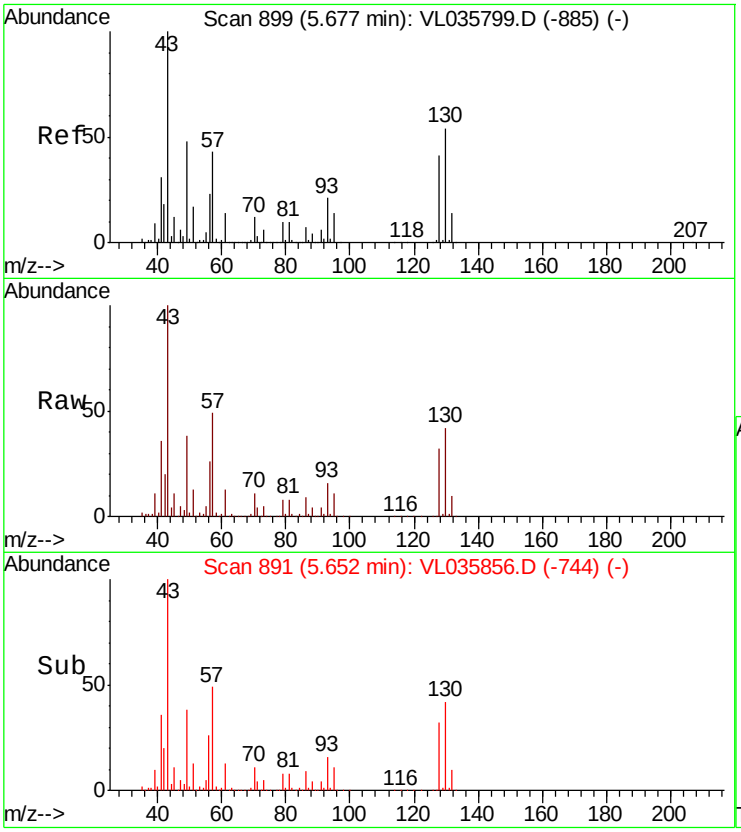


#24
1,1-Dichloroethane
Concen: 9.528 ppbv
RT: 4.99 min Scan# 684
Delta R.T. -0.03 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Tgt Ion: 63 Resp: 1160353

Ion	Ratio	Lower	Upper
63	100		
98	6.0	3.0	9.2
100	3.3	1.8	5.4



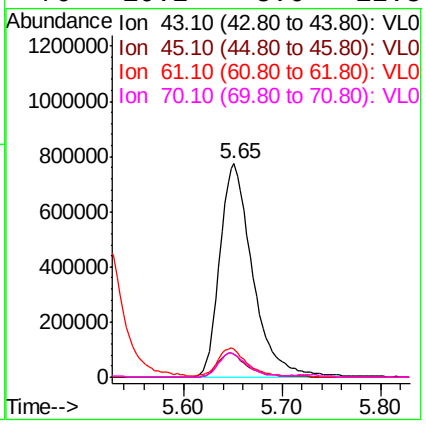


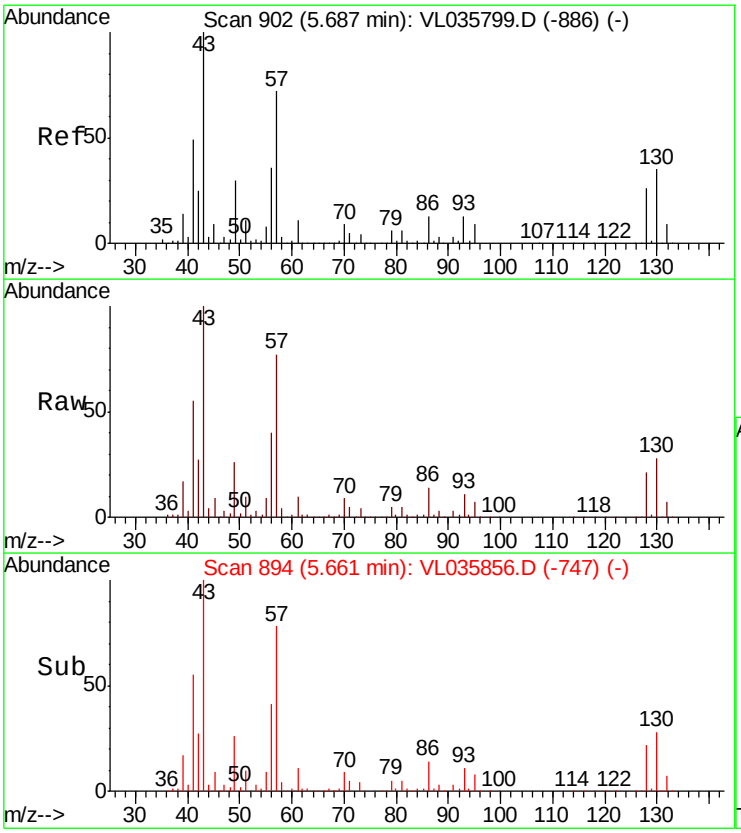
#25
Ethyl Acetate
Concen: 10.018 ppbv
RT: 5.65 min Scan# 891
Delta R.T. -0.03 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 1799837

Ion	Ratio	Lower	Upper
43	100		
45	10.7	8.5	12.7
61	12.8	10.7	16.1
70	10.2	8.6	12.8

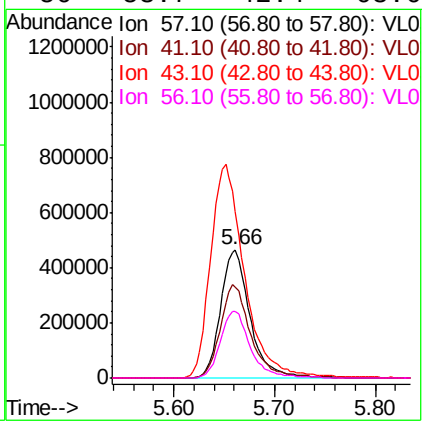


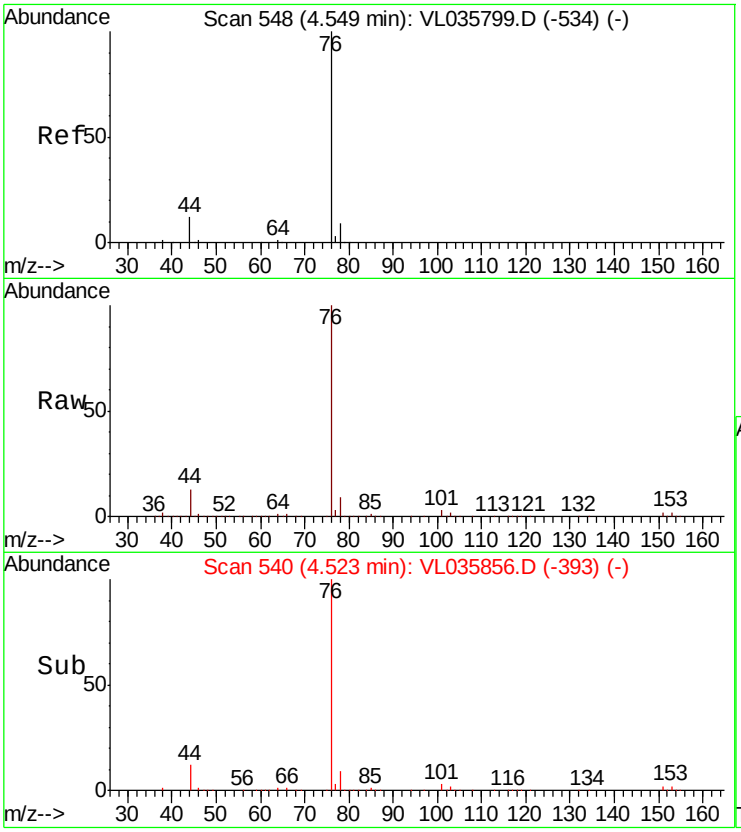


#26
Hexane
Concen: 9.543 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.03 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Tgt Ion: 57 Resp: 945504

Ion	Ratio	Lower	Upper
57	100		
41	76.3	58.9	88.3
43	191.8	150.2	225.2
56	53.7	42.4	63.6



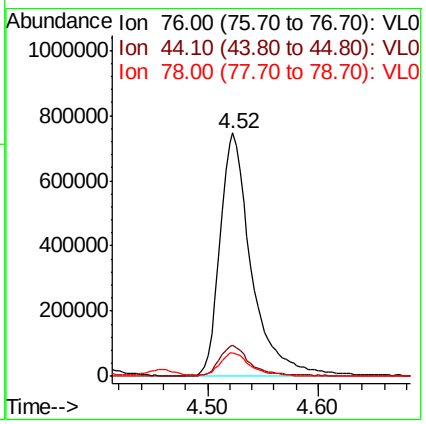


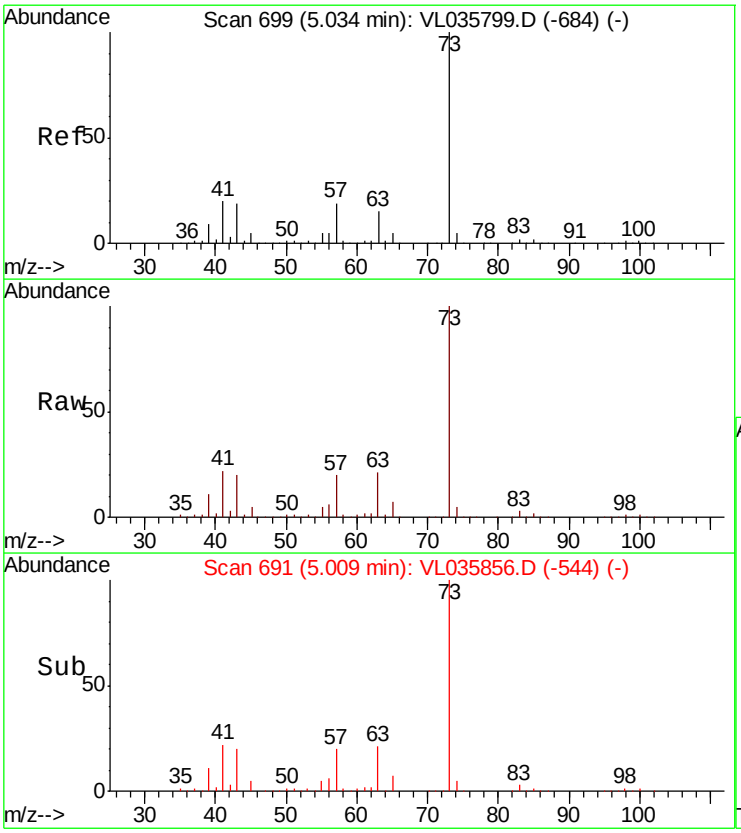
#27
Carbon Disulfide
Concen: 9.866 ppbv
RT: 4.52 min Scan# 540
Delta R.T. -0.03 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 76 Resp: 1464747

Ion	Ratio	Lower	Upper
76	100		
44	12.5	9.9	14.9
78	9.8	8.1	12.1

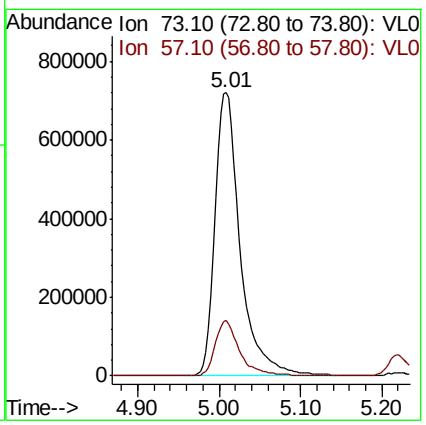


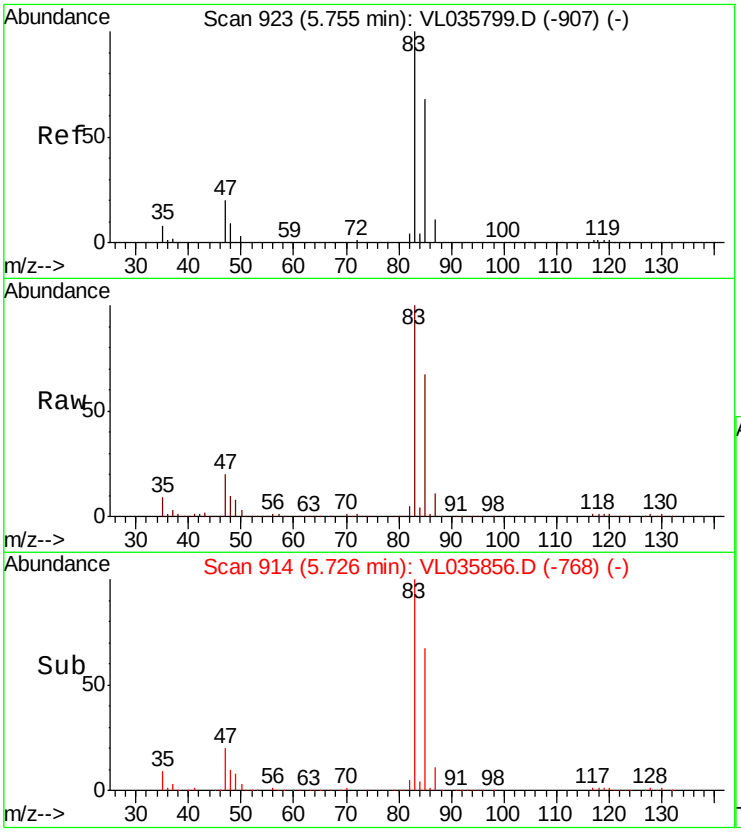


#28
Methyl tert-Butyl Ether
Concen: 8.901 ppbv
RT: 5.01 min Scan# 691
Delta R.T. -0.03 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Tgt Ion: 73 Resp: 1583842

Ion	Ratio	Lower	Upper
73	100		
57	19.0	15.4	23.2



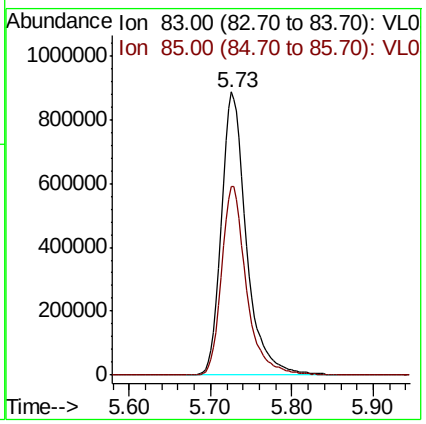


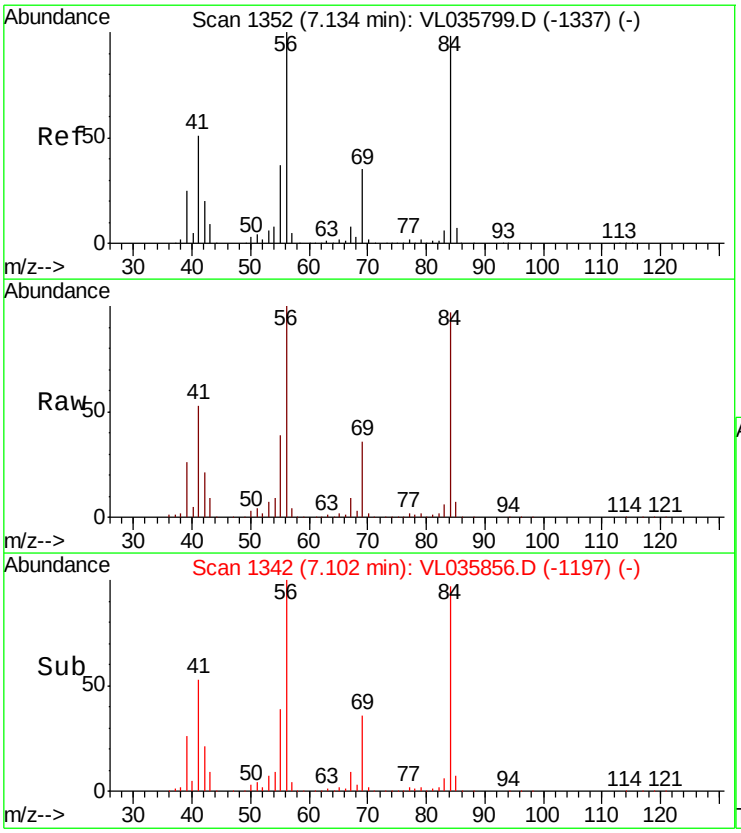
#29
Chloroform
Concen: 9.859 ppbv
RT: 5.73 min Scan# 914
Delta R.T. -0.03 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 1920035

Ion	Ratio	Lower	Upper
83	100		
85	66.4	54.6	81.8

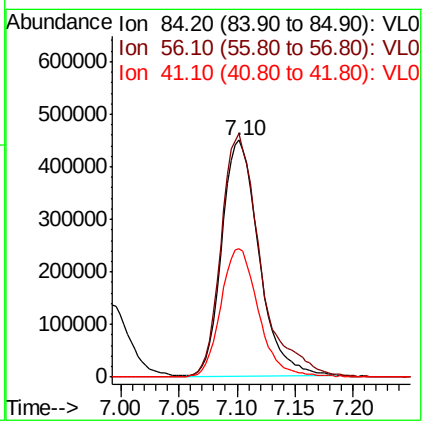


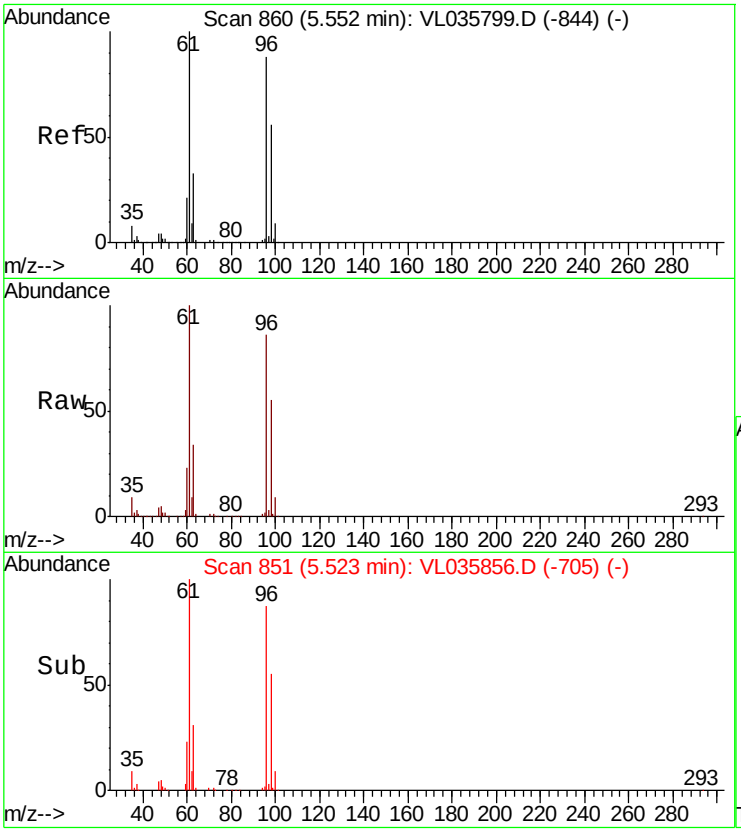


#30
Cyclohexane
Concen: 9.292 ppbv
RT: 7.10 min Scan# 1342
Delta R.T. -0.03 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Tgt Ion: 84 Resp: 1002703

Ion	Ratio	Lower	Upper
84	100		
56	109.6	86.4	129.6
41	55.6	42.1	63.1



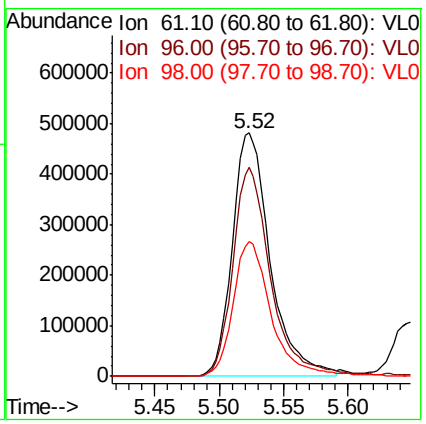


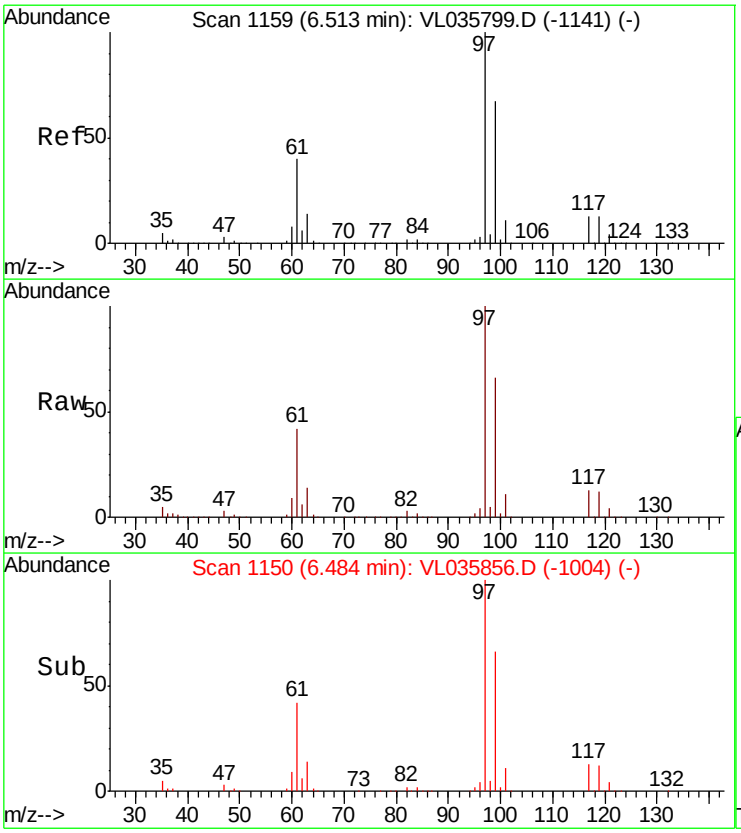
#31
cis-1,2-Dichloroethene
Concen: 9.676 ppbv
RT: 5.52 min Scan# 851
Delta R.T. -0.03 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 61 Resp: 986306

Ion	Ratio	Lower	Upper
61	100		
96	86.1	70.3	105.5
98	55.1	45.0	67.6

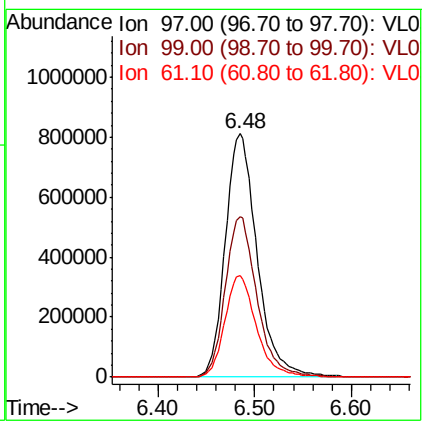


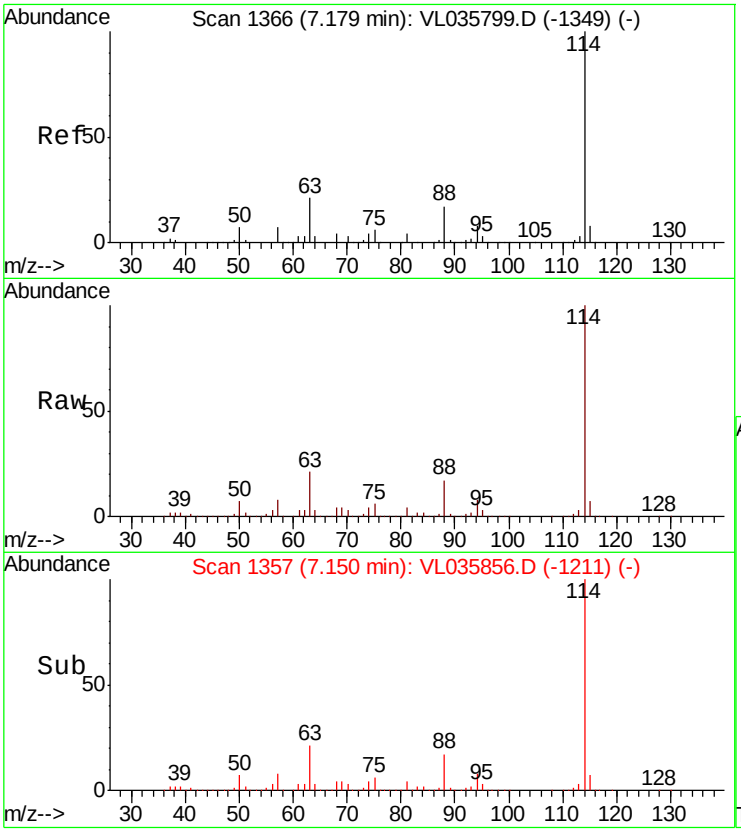


#32
1,1,1-Trichloroethane
Concen: 9.131 ppbv
RT: 6.48 min Scan# 1150
Delta R.T. -0.03 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Tgt Ion: 97 Resp: 1855531

Ion	Ratio	Lower	Upper
97	100		
99	65.7	52.3	78.5
61	41.7	32.0	48.0



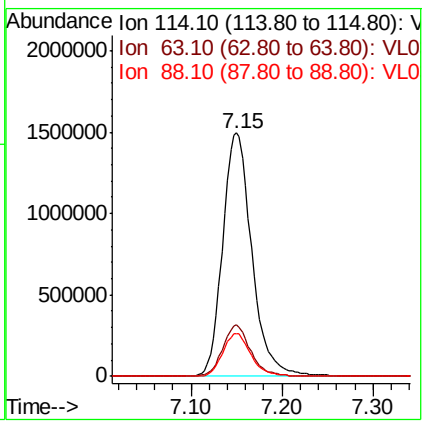


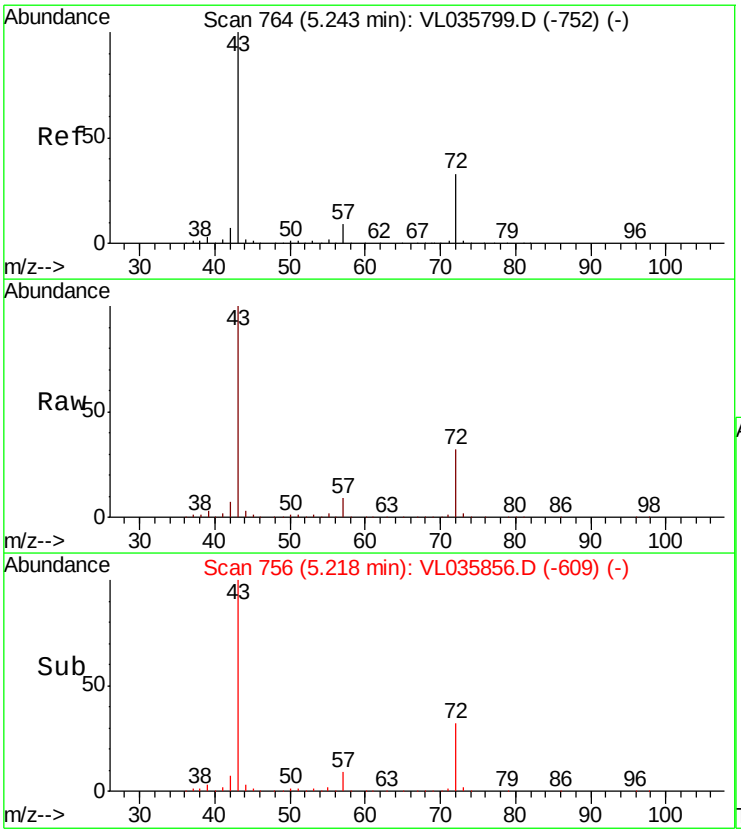
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. -0.03 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 3331434

Ion	Ratio	Lower	Upper
114	100		
63	20.4	16.1	24.1
88	17.1	13.7	20.5

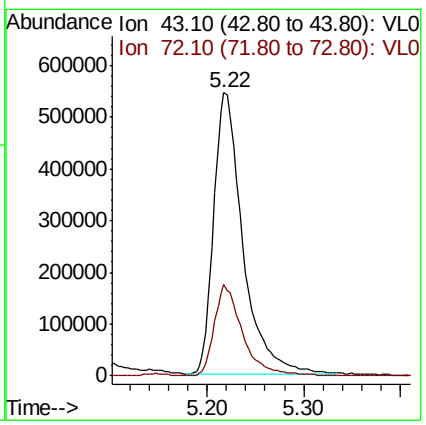


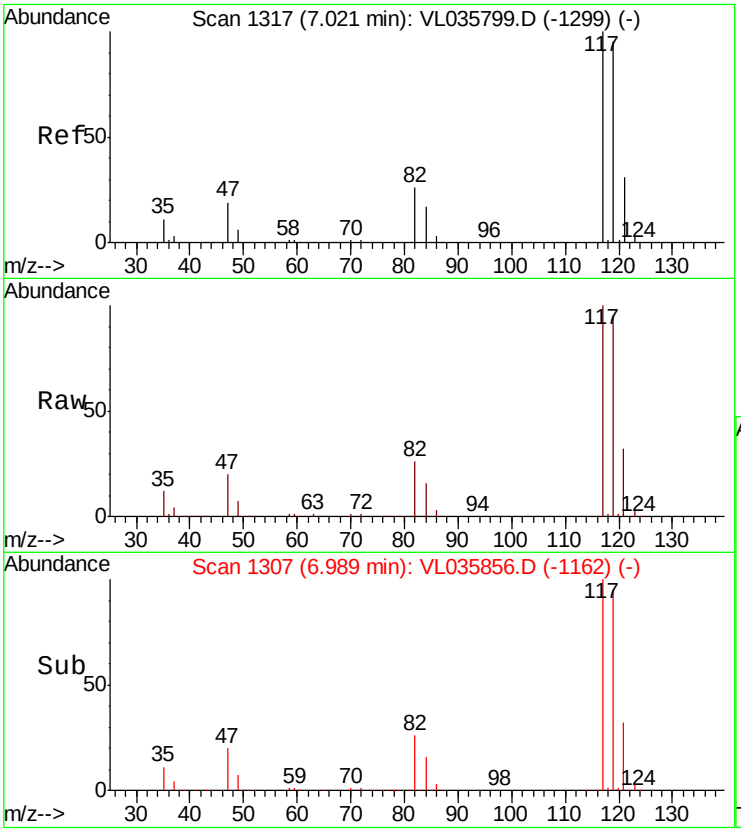


#34
2-Butanone
Concen: 10.571 ppbv
RT: 5.22 min Scan# 756
Delta R.T. -0.03 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Tgt Ion: 43 Resp: 1142962

Ion	Ratio	Lower	Upper
43	100		
72	31.7	26.5	39.7



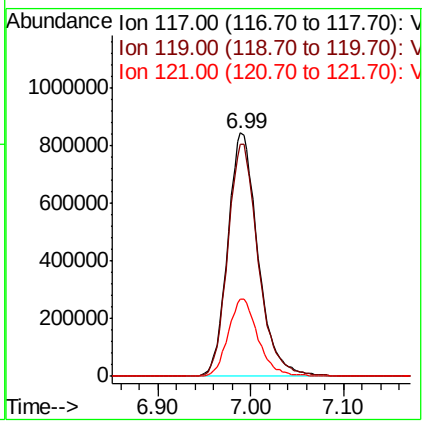


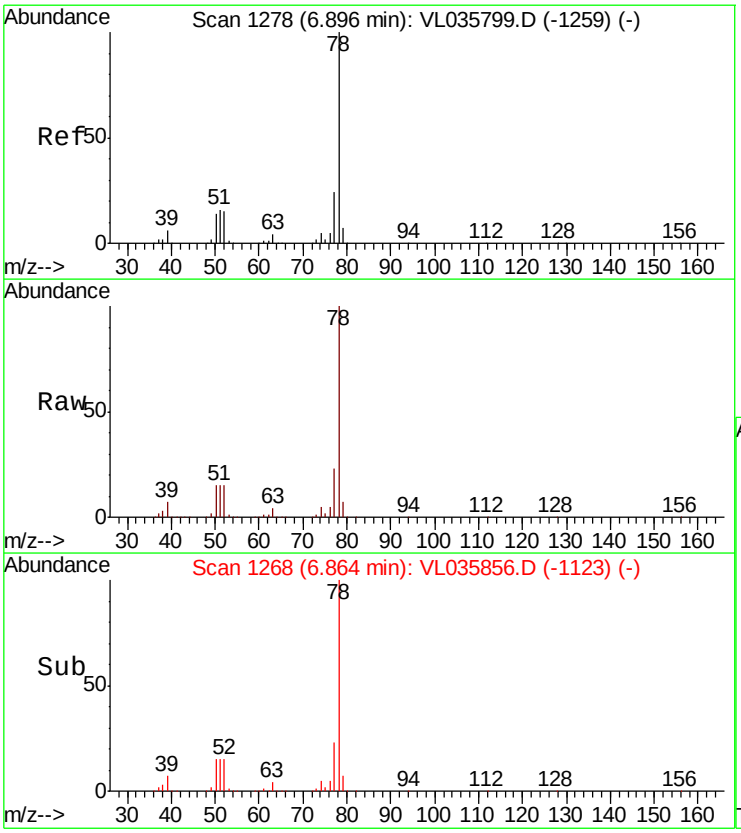
#35
Carbon Tetrachloride
Concen: 10.714 ppbv
RT: 6.99 min Scan# 1307
Delta R.T. -0.03 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 1907062

Ion	Ratio	Lower	Upper
117	100		
119	95.1	75.6	113.4
121	31.6	25.1	37.7

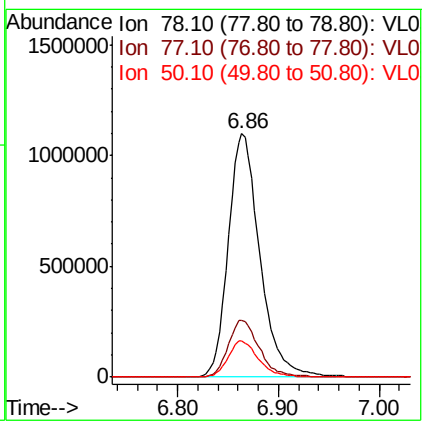


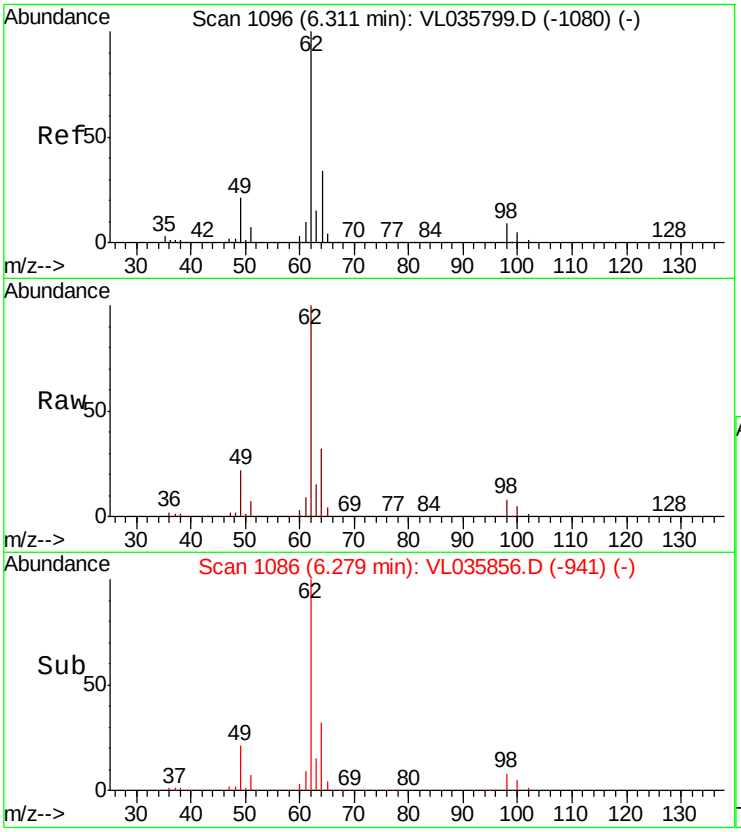


#36
Benzene
Concen: 9.662 ppbv
RT: 6.86 min Scan# 1268
Delta R.T. -0.03 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Tgt Ion: 78 Resp: 2392935

Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.3	28.9
50	15.1	11.4	17.2



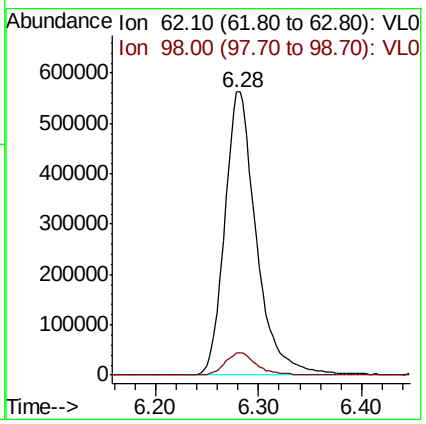


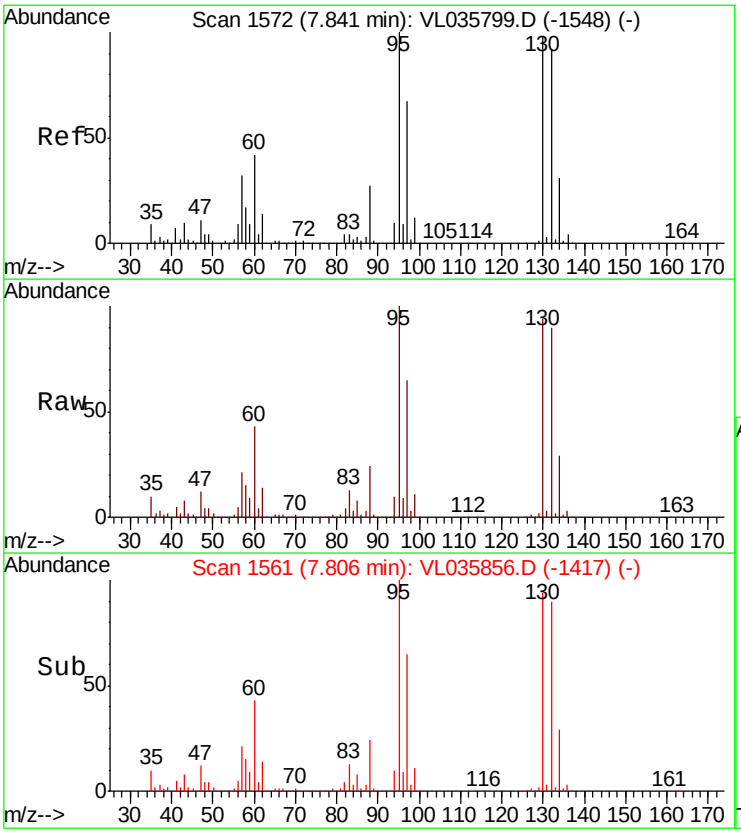
#37
1,2-Dichloroethane
Concen: 10.708 ppbv
RT: 6.28 min Scan# 1086
Delta R.T. -0.03 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 62 Resp: 1201398

Ion	Ratio	Lower	Upper
62	100		
98	8.0	6.9	10.3

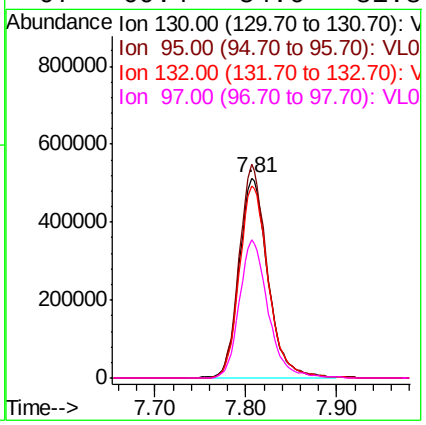


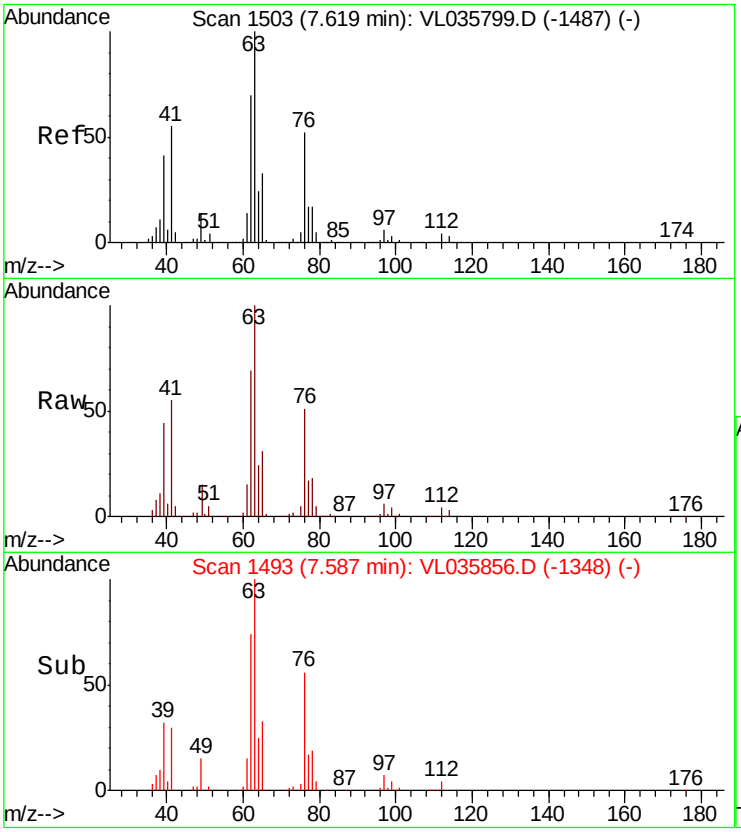


#38
Trichloroethene
Concen: 9.319 ppbv
RT: 7.81 min Scan# 1561
Delta R.T. -0.04 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Tgt Ion:130 Resp: 1127390

Ion	Ratio	Lower	Upper
130	100		
95	106.9	81.6	122.4
132	95.9	75.1	112.7
97	69.4	54.6	81.8



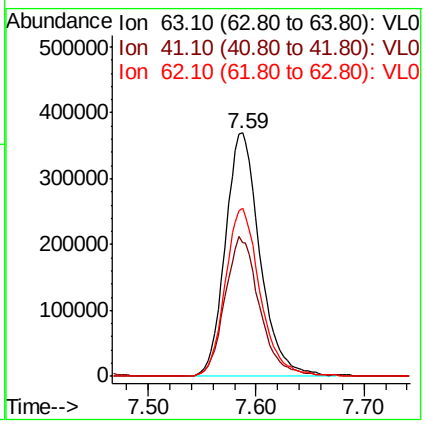


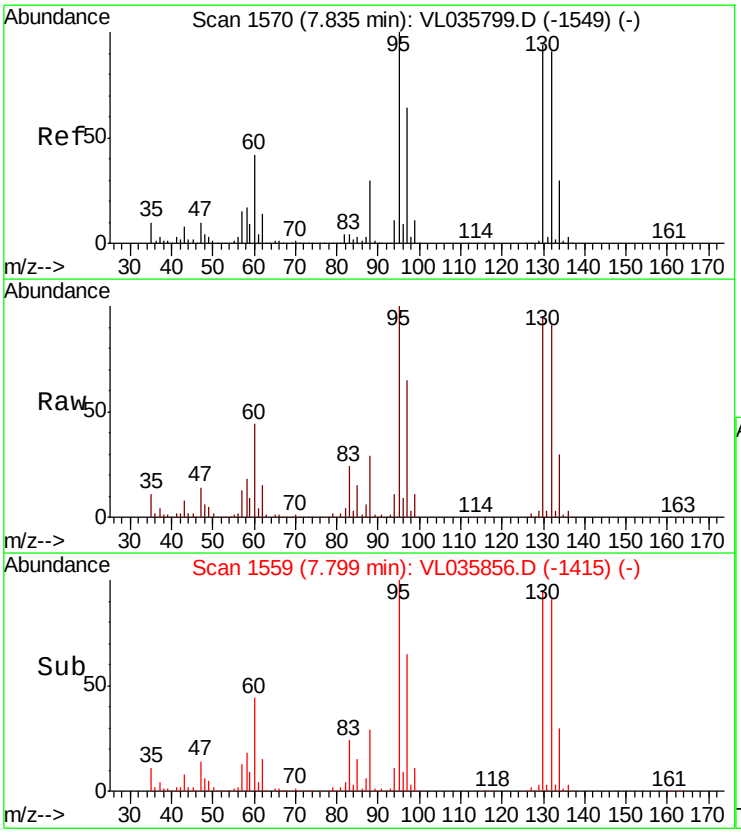
#39
1,2-Dichloropropane
Concen: 9.899 ppbv
RT: 7.59 min Scan# 1493
Delta R.T. -0.03 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 825456

Ion	Ratio	Lower	Upper
63	100		
41	54.7	43.8	65.6
62	69.0	56.2	84.2

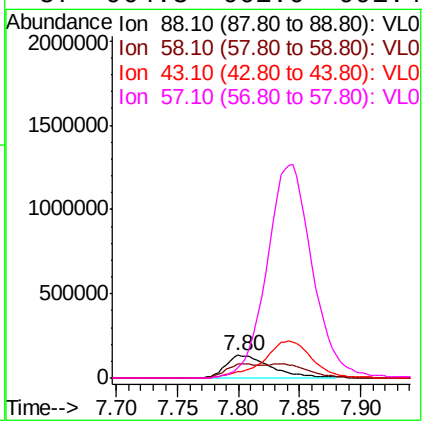


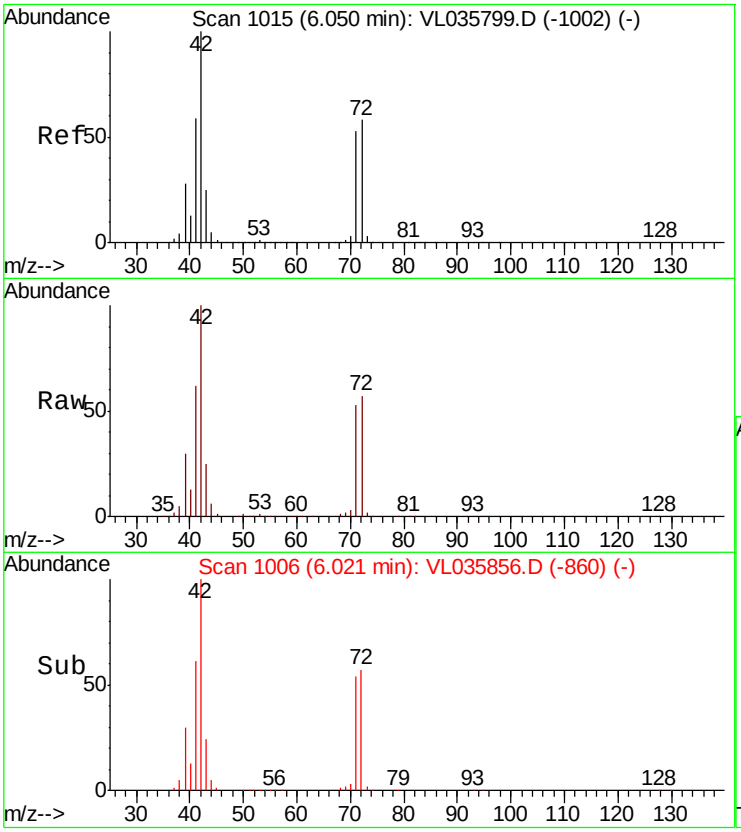


#40
1,4-Dioxane
Concen: 8.672 ppbv
RT: 7.80 min Scan# 1559
Delta R.T. -0.04 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Tgt Ion: 88 Resp: 342735

Ion	Ratio	Lower	Upper
88	100		
58	105.7	76.2	114.2
43	179.6	123.1	184.7
57	964.3	661.0	991.4

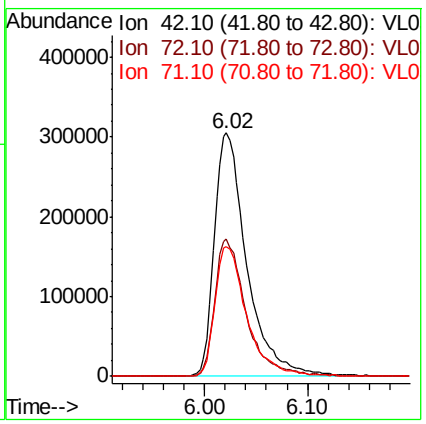




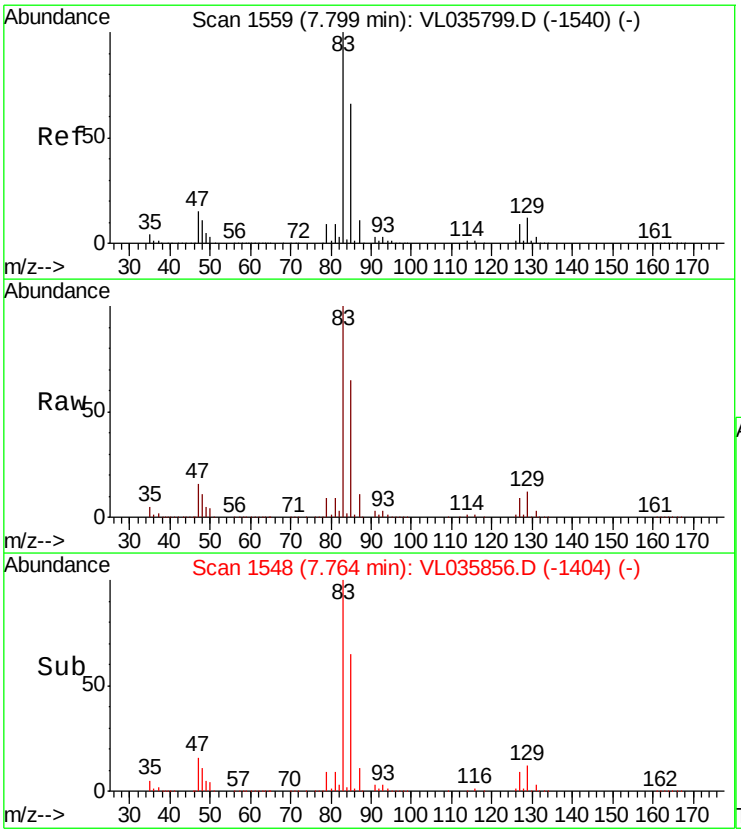
#41
Tetrahydrofuran
Concen: 10.850 ppbv
RT: 6.02 min Scan# 1006
Delta R.T. -0.03 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Tgt Ion: 42 Resp: 666495

Ion	Ratio	Lower	Upper
42	100		
72	54.8	45.4	68.0
71	52.8	43.4	65.2



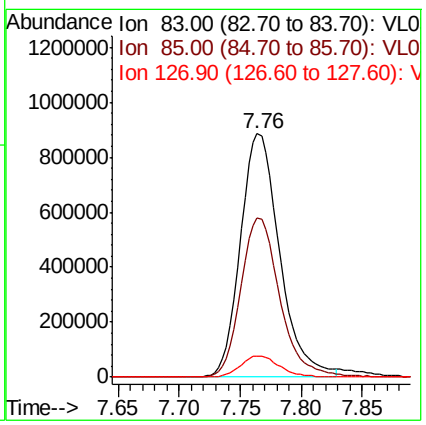
Instrument :
MSVOA_L
ClientSampleId :

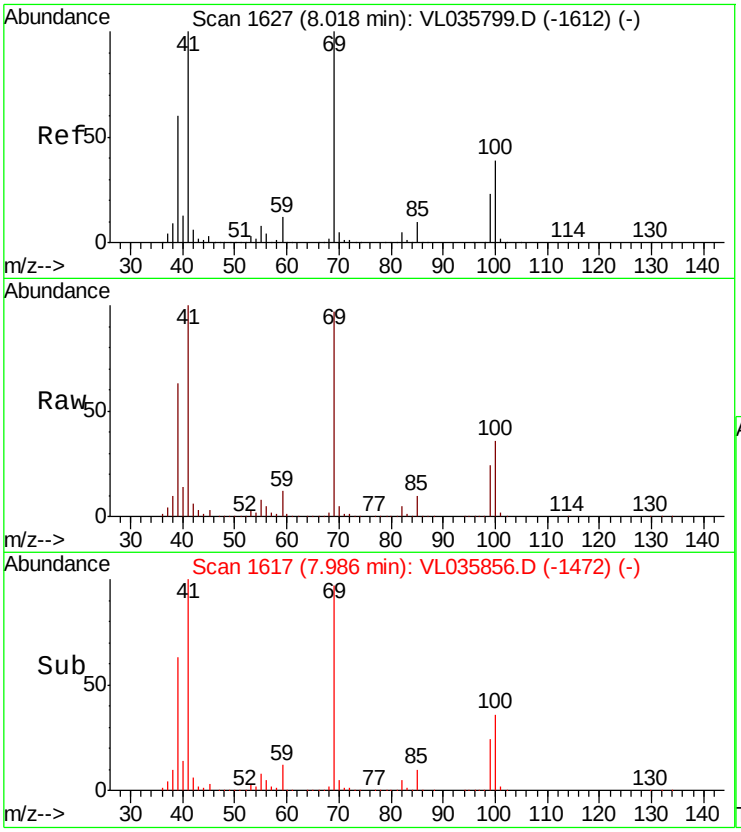


#42
Bromodichloromethane
Concen: 10.393 ppbv
RT: 7.76 min Scan# 1548
Delta R.T. -0.04 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Tgt Ion: 83 Resp: 1967616

Ion	Ratio	Lower	Upper
83	100		
85	65.1	53.1	79.7
127	8.6	7.3	10.9



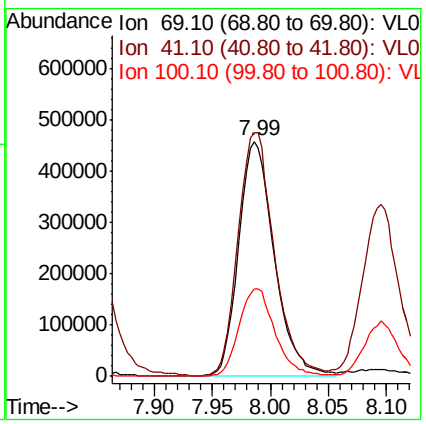


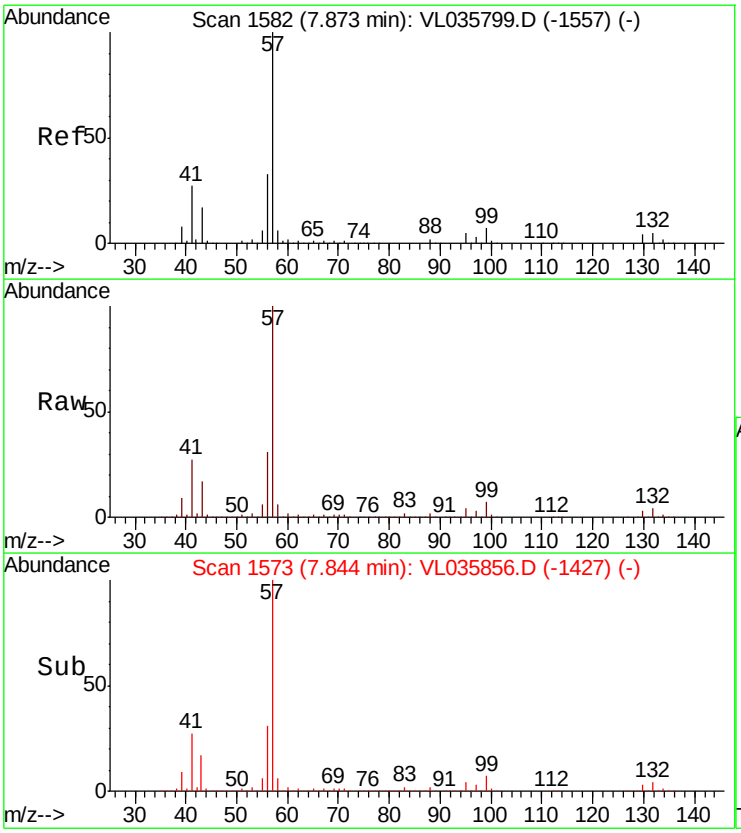
#43
Methyl Methacrylate
Concen: 10.367 ppbv
RT: 7.99 min Scan# 1617
Delta R.T. -0.03 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 69 Resp: 979383

Ion	Ratio	Lower	Upper
69	100		
41	105.6	81.1	121.7
100	38.0	31.0	46.4

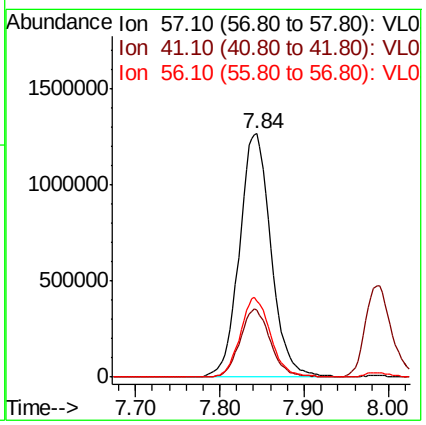


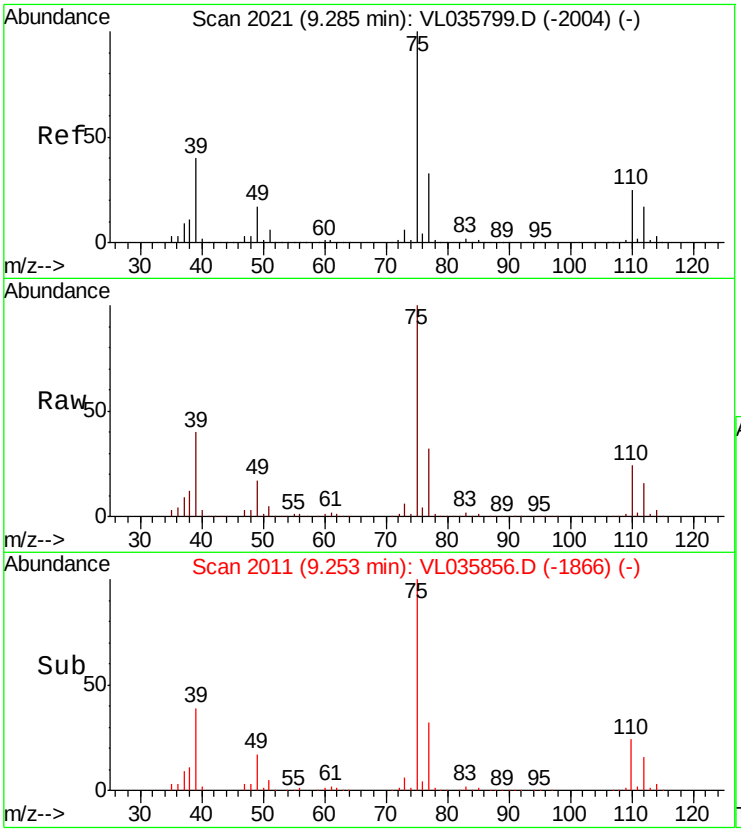


#44
2,2,4-Trimethylpentane
Concen: 10.070 ppbv
RT: 7.84 min Scan# 1573
Delta R.T. -0.03 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Tgt Ion: 57 Resp: 3300543

Ion	Ratio	Lower	Upper
57	100		
41	26.9	21.0	31.4
56	31.5	25.4	38.0



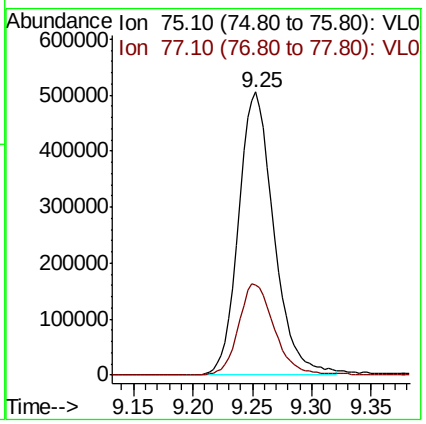


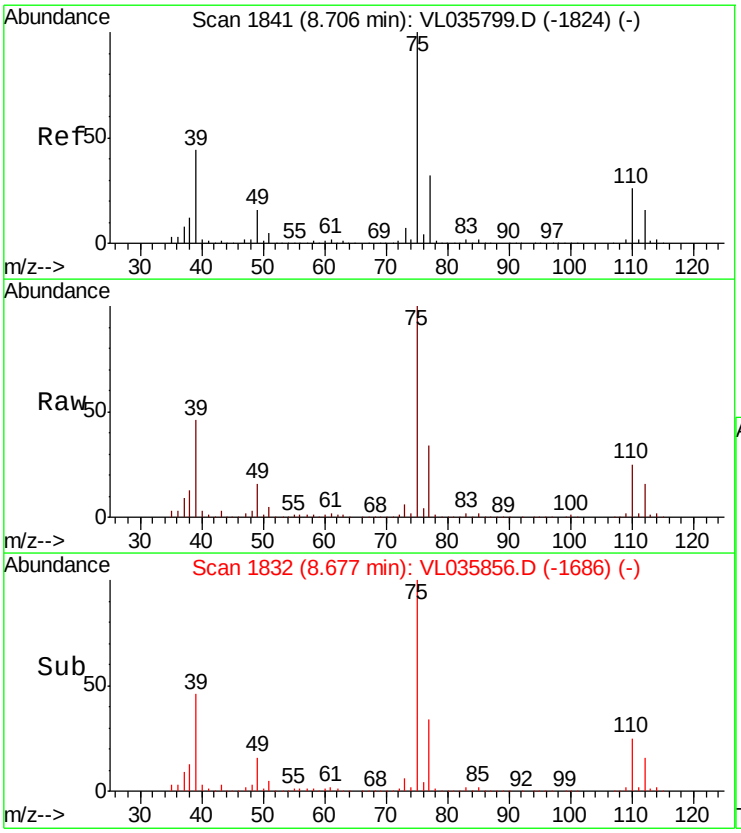
#45
t-1,3-Dichloropropene
Concen: 10.393 ppbv
RT: 9.25 min Scan# 2011
Delta R.T. -0.03 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 75 Resp: 1040785

Ion	Ratio	Lower	Upper
75	100		
77	31.9	26.4	39.6

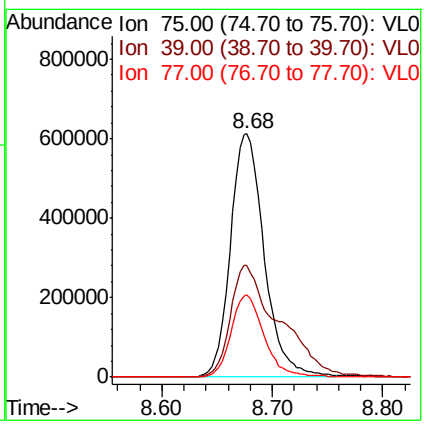


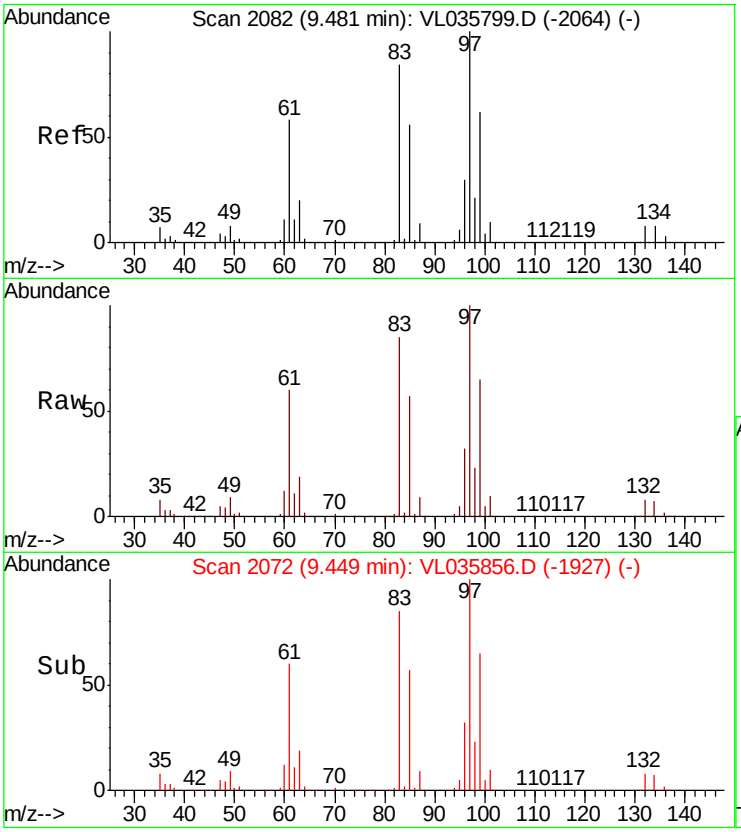


#46
cis-1,3-Dichloropropene
Concen: 10.230 ppbv
RT: 8.68 min Scan# 1832
Delta R.T. -0.03 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Tgt Ion: 75 Resp: 1297425

Ion	Ratio	Lower	Upper
75	100		
39	45.9	35.1	52.7
77	33.9	25.7	38.5



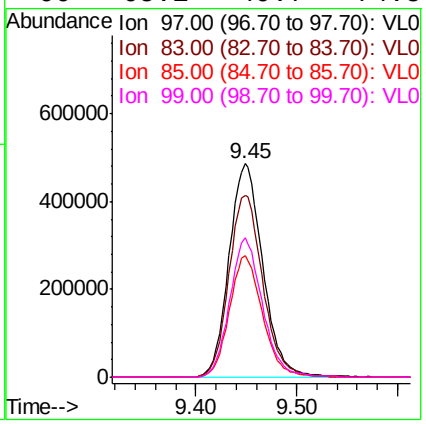


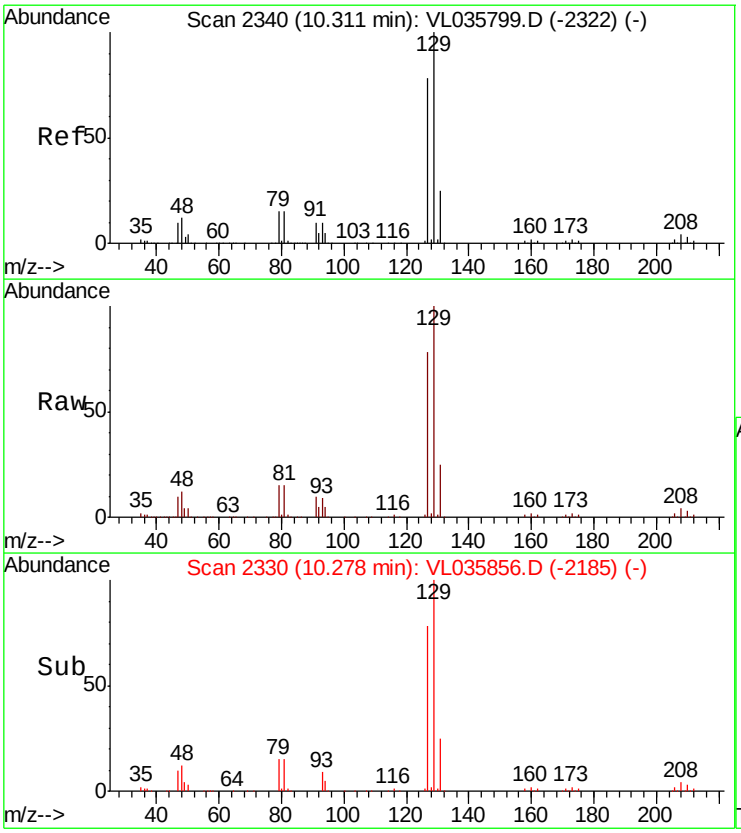
#47
1,1,2-Trichloroethane
Concen: 9.953 ppbv
RT: 9.45 min Scan# 2072
Delta R.T. -0.03 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 97 Resp: 1130880

Ion	Ratio	Lower	Upper
97	100		
83	85.1	67.1	100.7
85	56.9	44.7	67.1
99	65.1	49.7	74.5

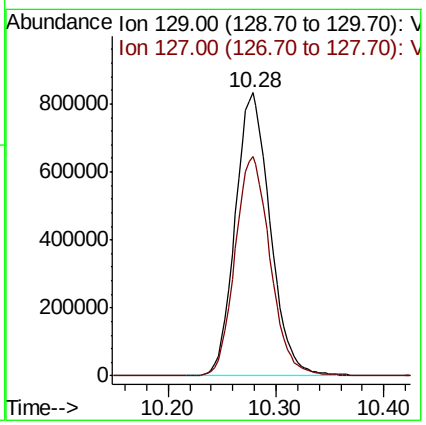


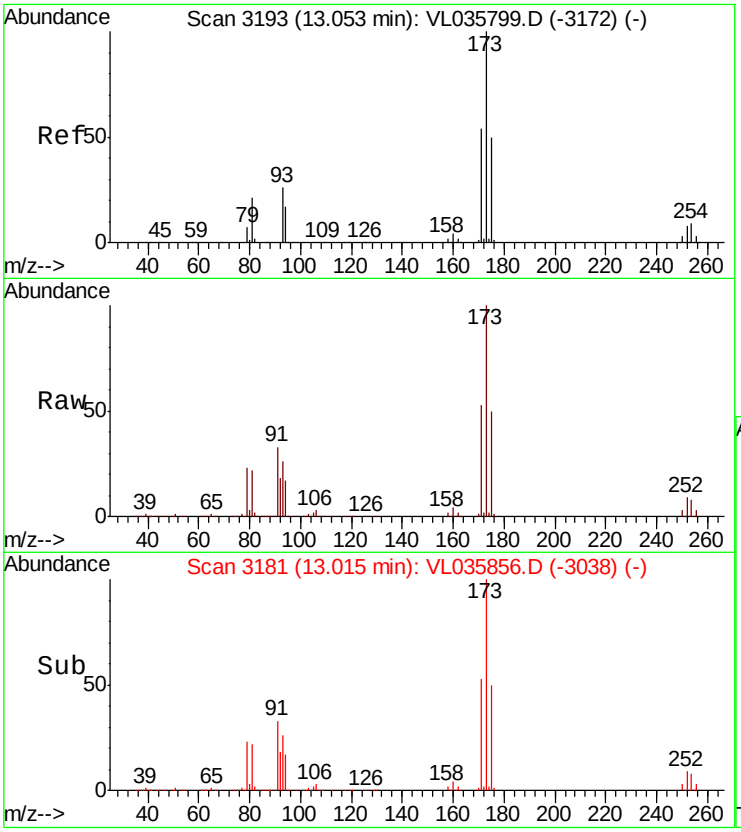


#48
Dibromochloromethane
Concen: 10.822 ppbv
RT: 10.28 min Scan# 2330
Delta R.T. -0.03 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Tgt Ion:129 Resp: 1878466

Ion	Ratio	Lower	Upper
129	100		
127	78.3	39.2	117.6



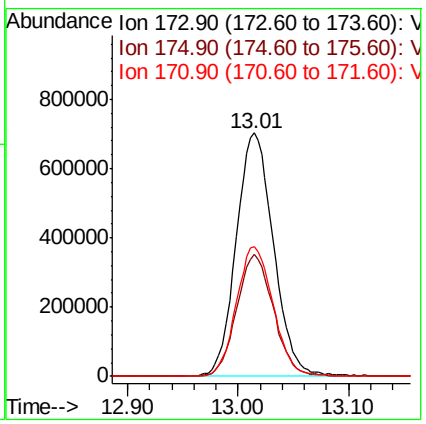


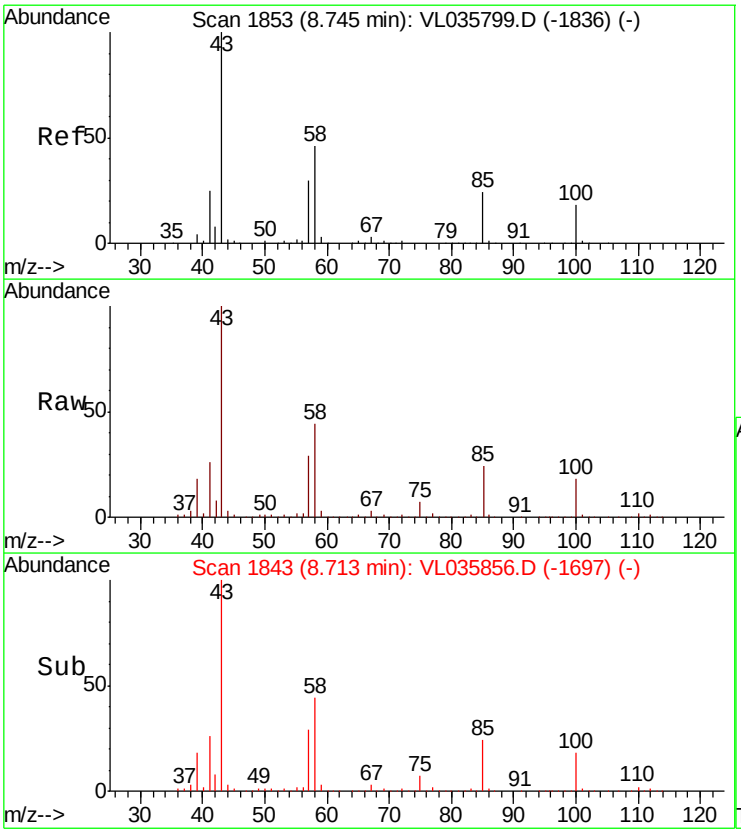
#49
Bromoform
Concen: 11.248 ppbv
RT: 13.01 min Scan# 3181
Delta R.T. -0.04 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:173 Resp: 1647413

Ion	Ratio	Lower	Upper
173	100		
175	49.5	40.1	60.1
171	53.3	42.6	63.8

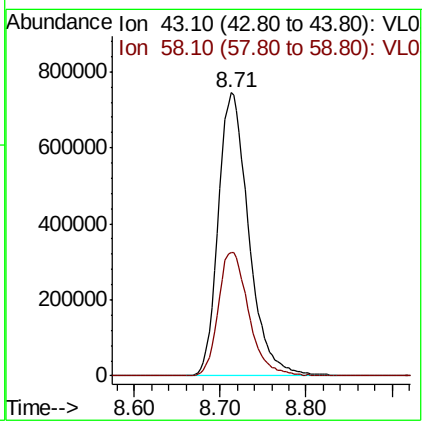


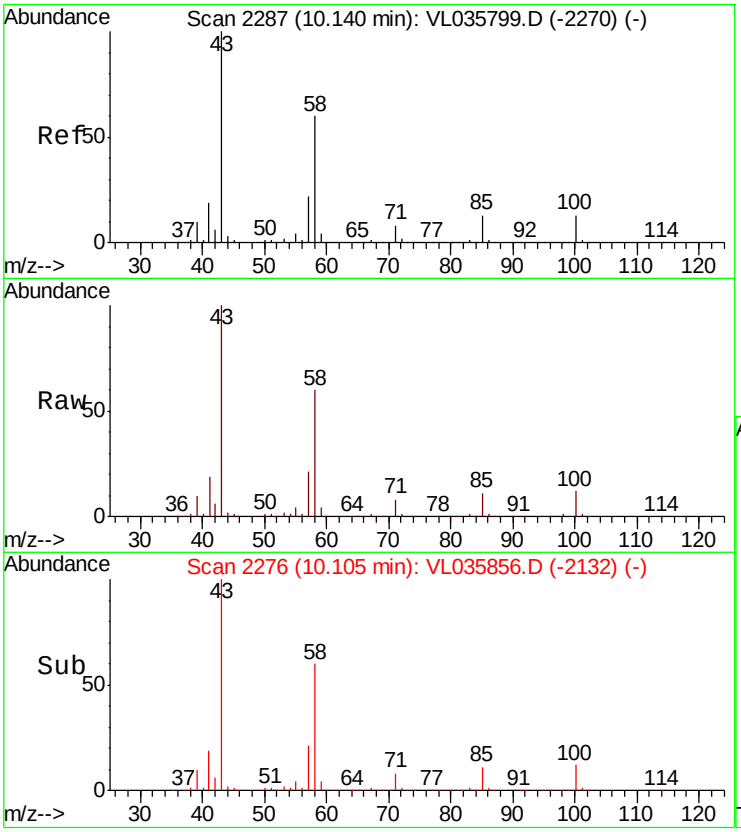


#50
4-Methyl-2-Pentanone
Concen: 11.098 ppbv
RT: 8.71 min Scan# 1843
Delta R.T. -0.03 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Tgt Ion: 43 Resp: 1834786

Ion	Ratio	Lower	Upper
43	100		
58	43.8	36.0	54.0



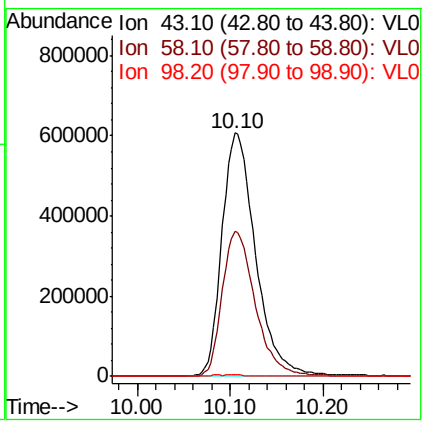


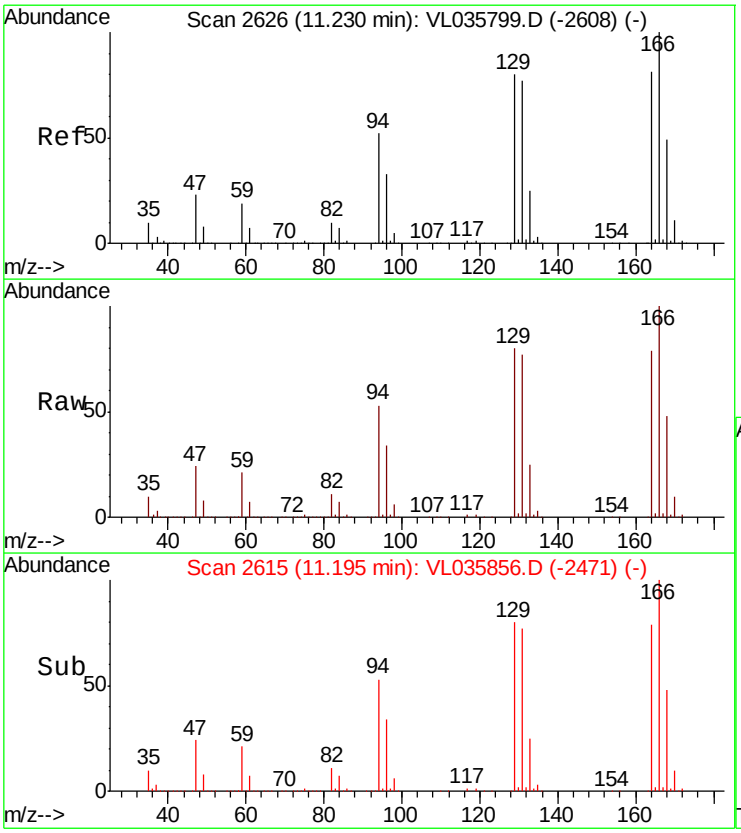
#51
2-Hexanone
Concen: 11.516 ppbv
RT: 10.10 min Scan# 2276
Delta R.T. -0.04 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 1529370

Ion	Ratio	Lower	Upper
43	100		
58	58.6	48.3	72.5
98	0.8	0.6	0.8

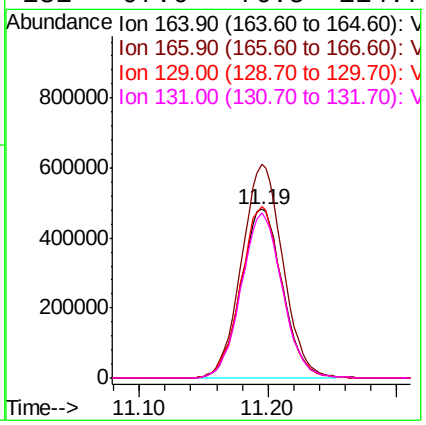


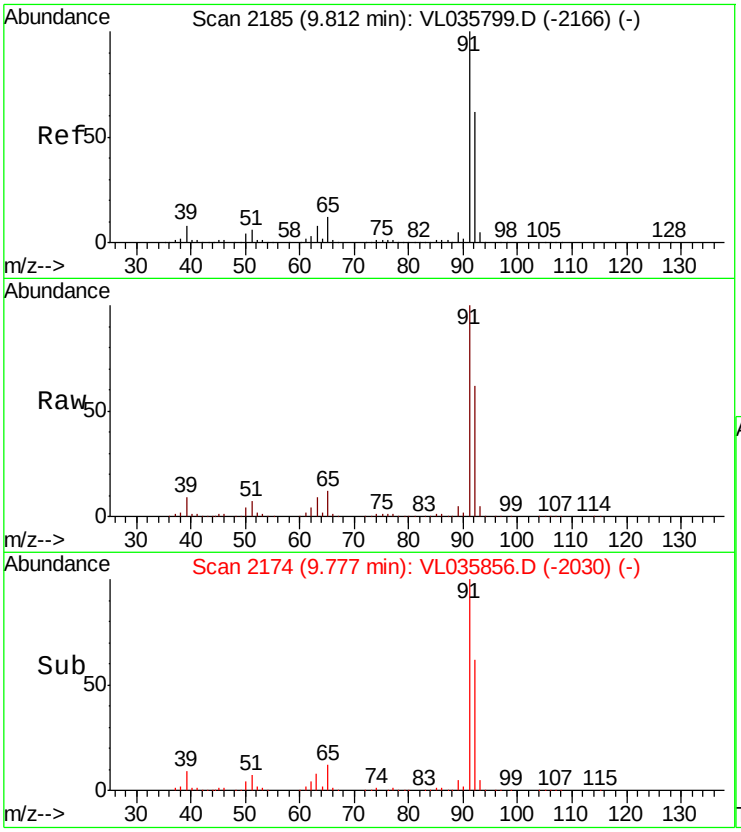


#52
Tetrachloroethene
Concen: 9.207 ppbv
RT: 11.19 min Scan# 2615
Delta R.T. -0.04 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Tgt Ion:164 Resp: 1080275

Ion	Ratio	Lower	Upper
164	100		
166	126.5	99.3	148.9
129	101.4	79.3	118.9
131	97.6	76.5	114.7



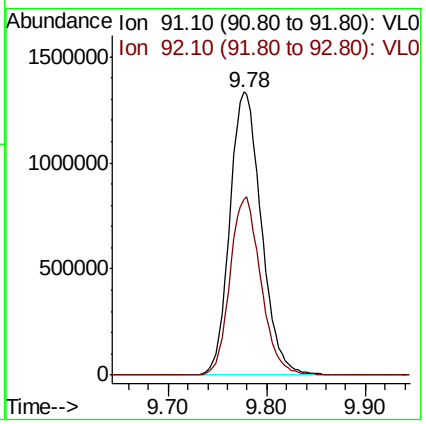


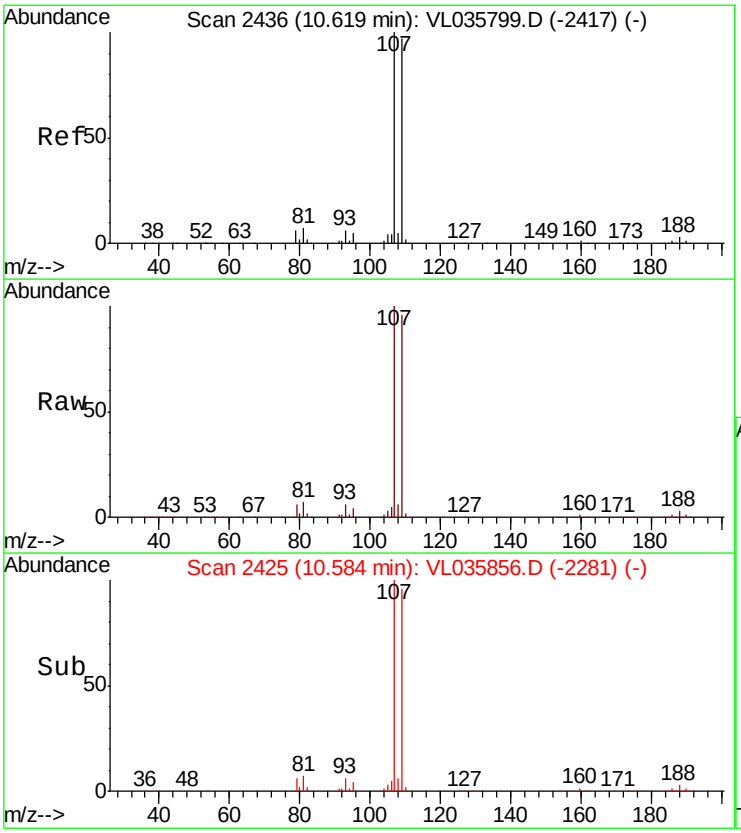
#53
Toluene
Concen: 9.922 ppbv
RT: 9.78 min Scan# 2174
Delta R.T. -0.04 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 2965220

Ion	Ratio	Lower	Upper
91	100		
92	61.7	49.8	74.6

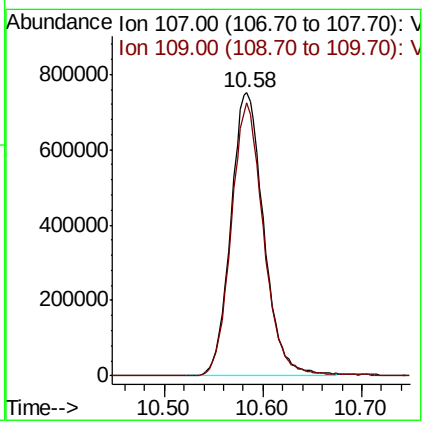


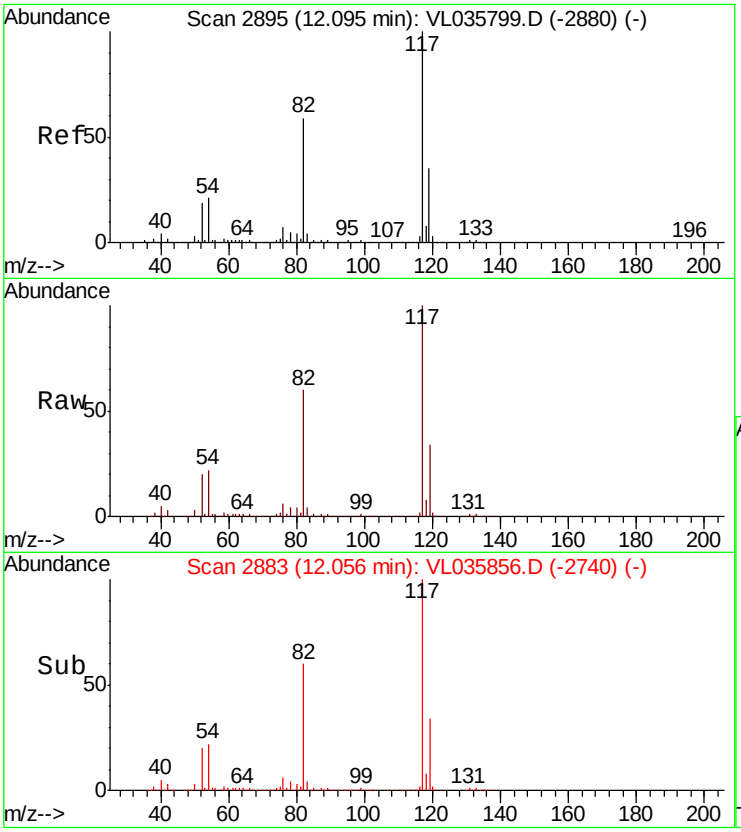


#54
1,2-Dibromoethane
Concen: 10.101 ppbv
RT: 10.58 min Scan# 2425
Delta R.T. -0.04 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Tgt Ion:107 Resp: 1745425

Ion	Ratio	Lower	Upper
107	100		
109	96.4	77.2	115.8



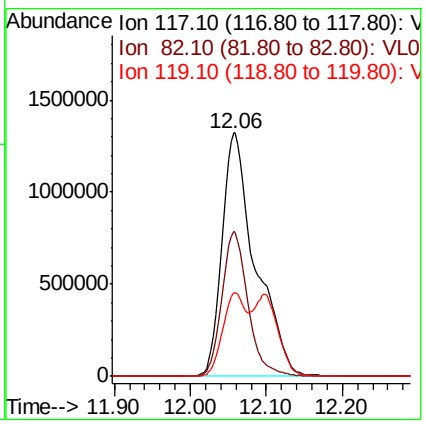


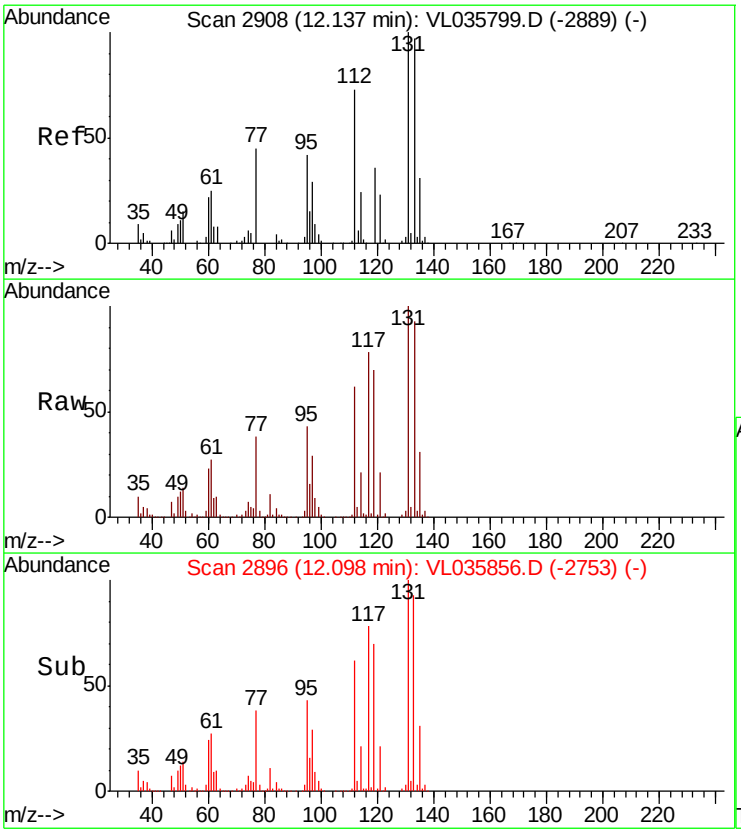
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2883
Delta R.T. -0.04 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 4047481

Ion	Ratio	Lower	Upper
117	100		
82	46.6	50.6	76.0#
119	25.2	52.6	78.8#

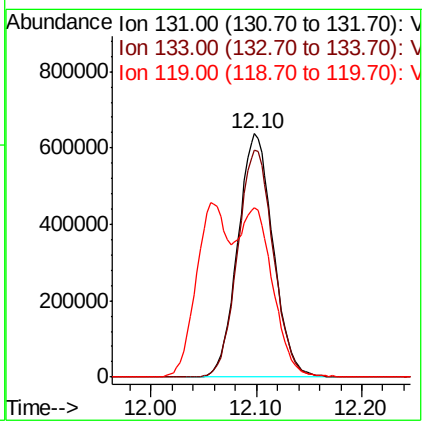


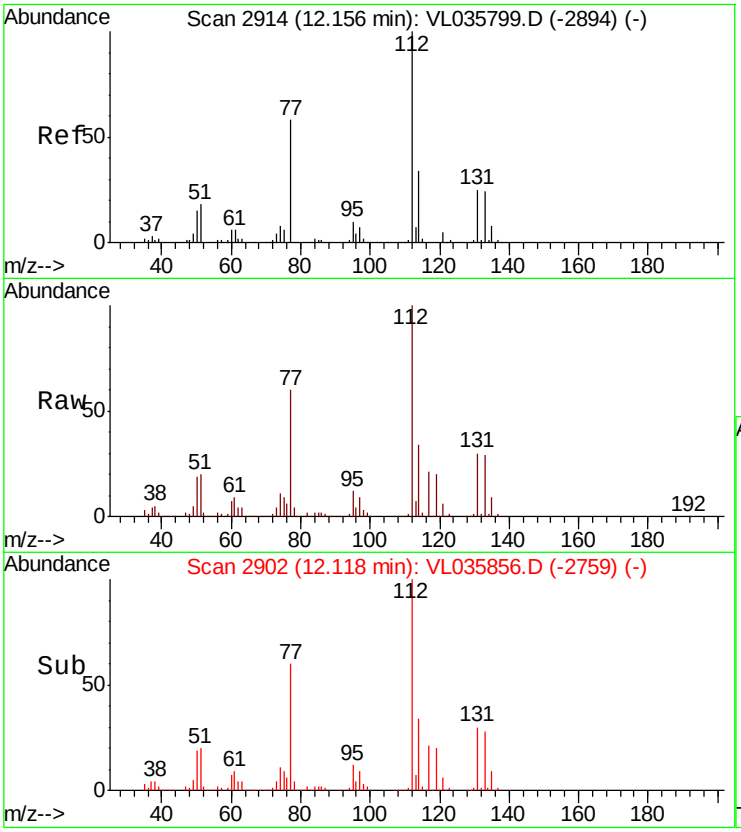


#56
1,1,1,2-Tetrachloroethane
Concen: 8.144 ppbv
RT: 12.10 min Scan# 2896
Delta R.T. -0.04 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Tgt Ion:131 Resp: 1479535

Ion	Ratio	Lower	Upper
131	100		
133	95.0	76.8	115.2
119	61.0	47.4	71.0



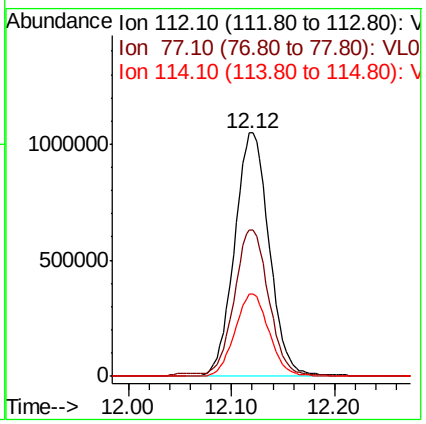


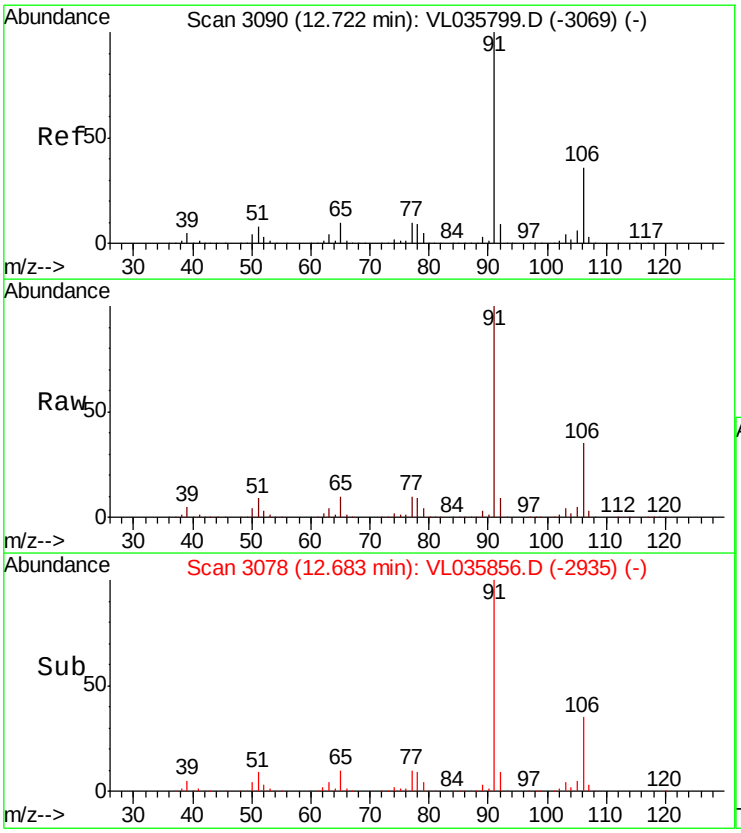
#57
Chlorobenzene
Concen: 7.618 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. -0.04 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:112 Resp: 2451567

Ion	Ratio	Lower	Upper
112	100		
77	60.0	47.5	71.3
114	33.7	30.3	37.1

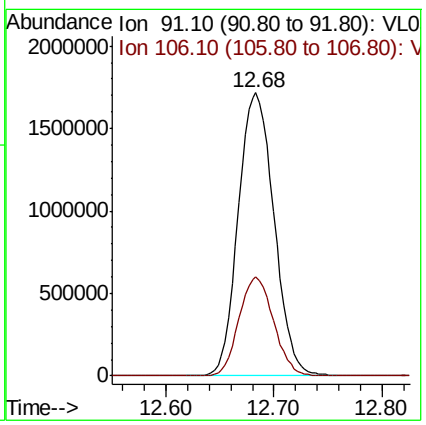


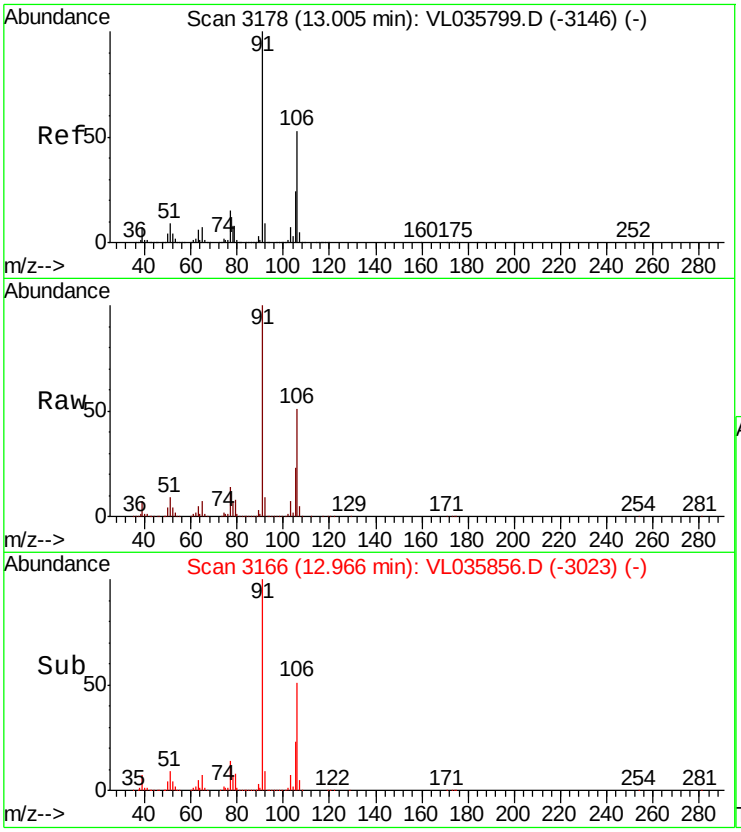


#58
Ethyl Benzene
Concen: 8.033 ppbv
RT: 12.68 min Scan# 3078
Delta R.T. -0.04 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Tgt Ion: 91 Resp: 3959948

Ion	Ratio	Lower	Upper
91	100		
106	34.8	28.6	43.0



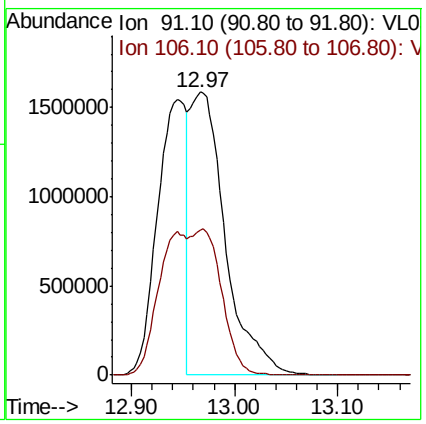


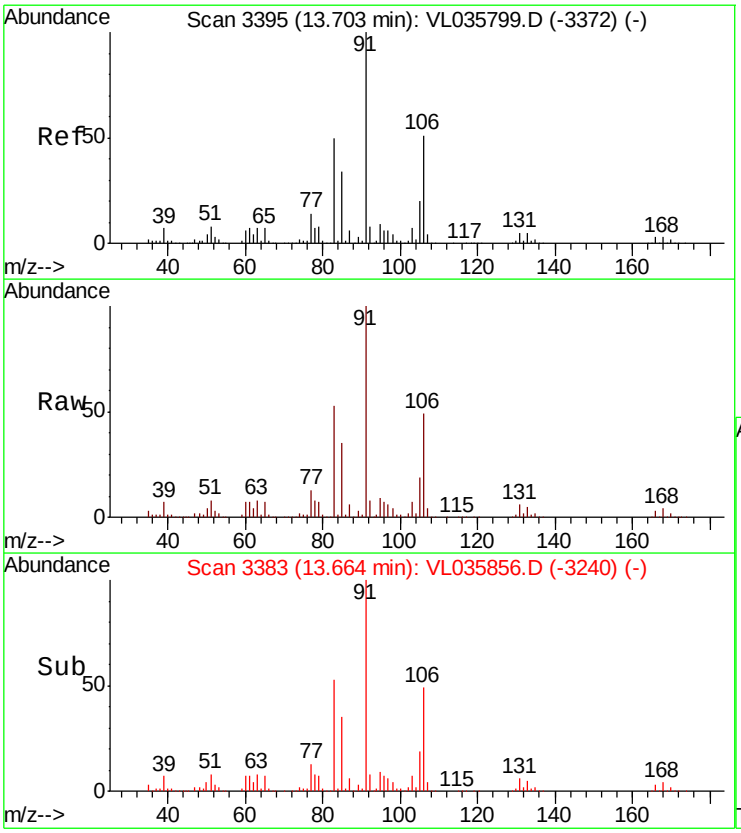
#59
m/p-Xylene
Concen: 8.955 ppbv
RT: 12.97 min Scan# 3166
Delta R.T. -0.04 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 3734763

Ion	Ratio	Lower	Upper
91	100		
106	87.9	39.5	59.3#

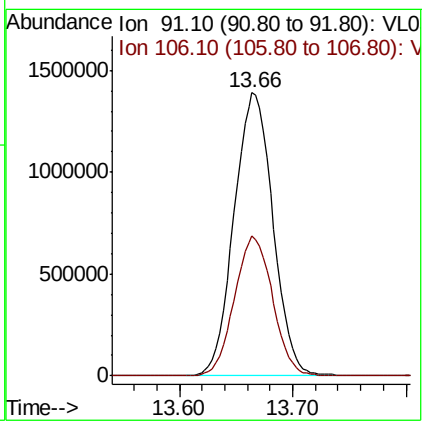


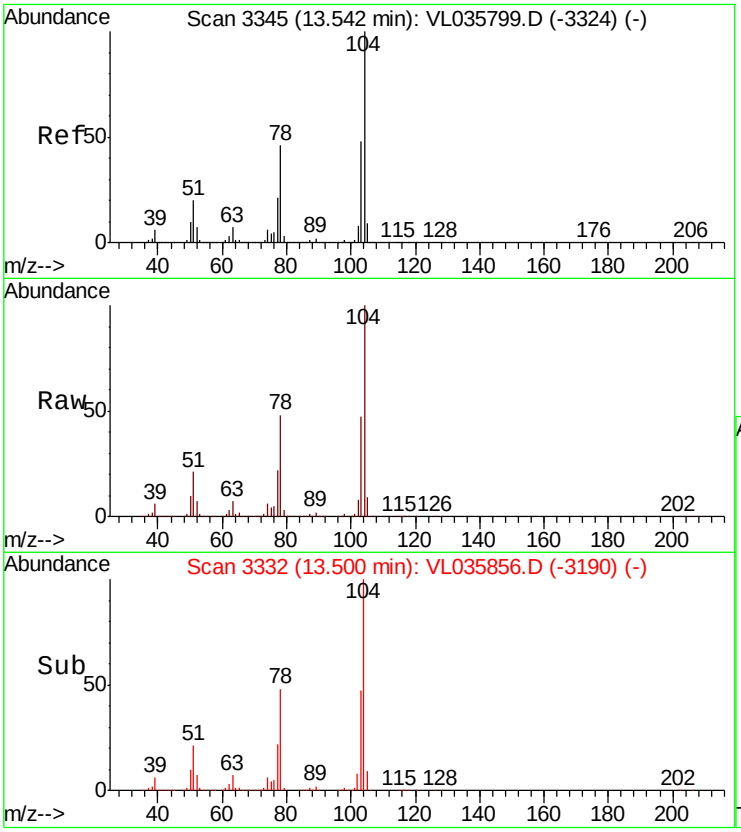


#60
o-Xylene
Concen: 8.170 ppbv
RT: 13.66 min Scan# 3383
Delta R.T. -0.04 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Tgt Ion: 91 Resp: 3314697

Ion	Ratio	Lower	Upper
91	100		
106	48.5	24.8	74.4



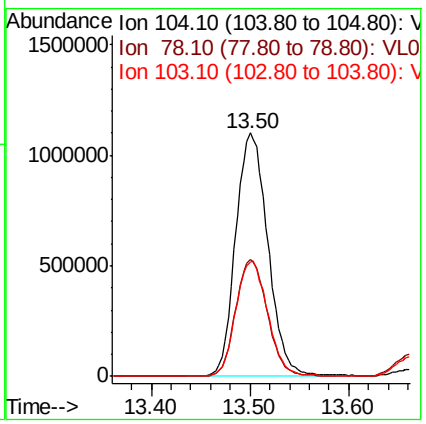


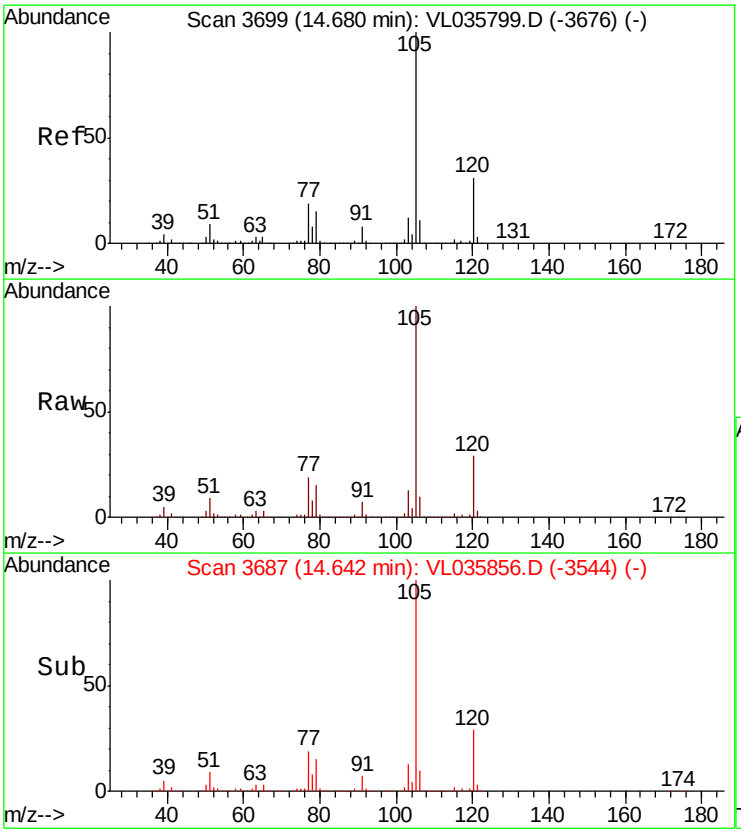
#61
Stvrene
Concen: 8.381 ppbv
RT: 13.50 min Scan# 3332
Delta R.T. -0.04 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:104 Resp: 2491558

Ion	Ratio	Lower	Upper
104	100		
78	47.3	37.1	55.7
103	47.2	37.9	56.9

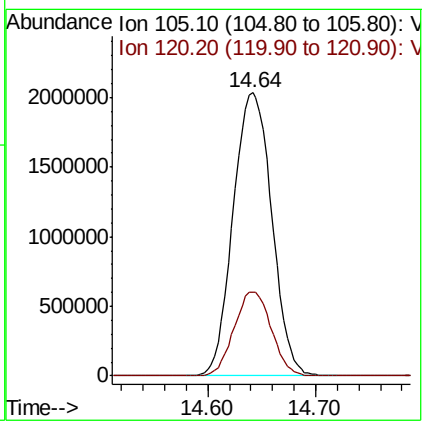


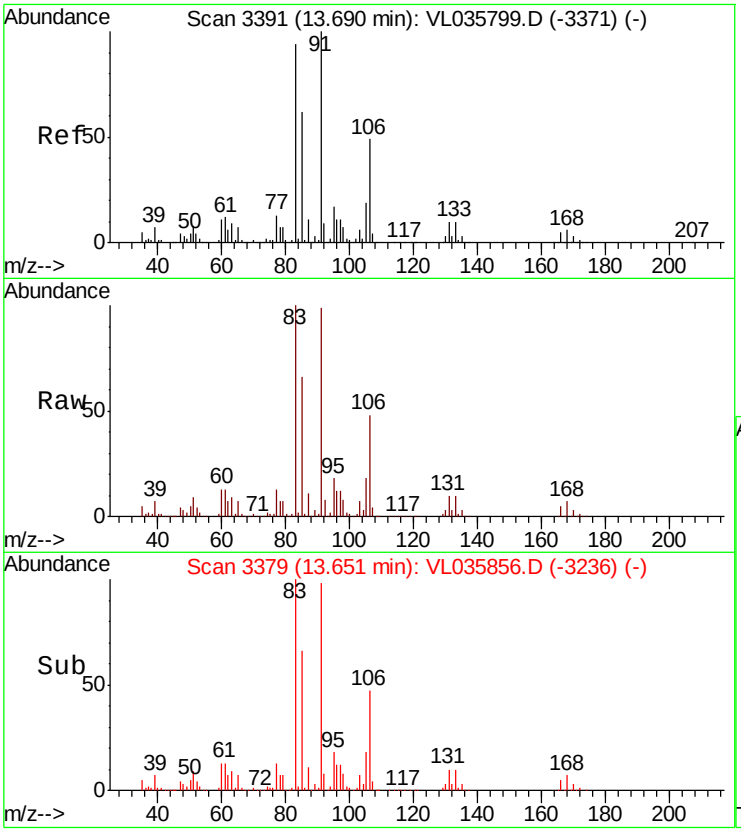


#62
Isopropylbenzene
Concen: 7.913 ppbv
RT: 14.64 min Scan# 3687
Delta R.T. -0.04 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Tgt Ion:105 Resp: 5045941

Ion	Ratio	Lower	Upper
105	100		
120	28.6	23.5	35.3



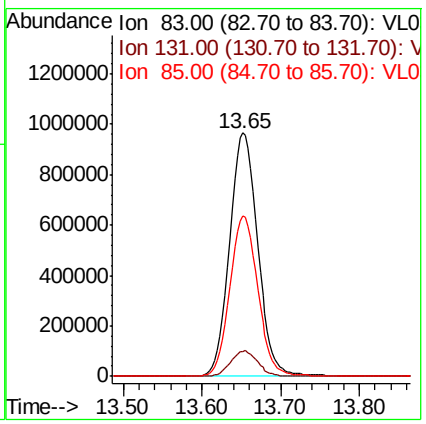


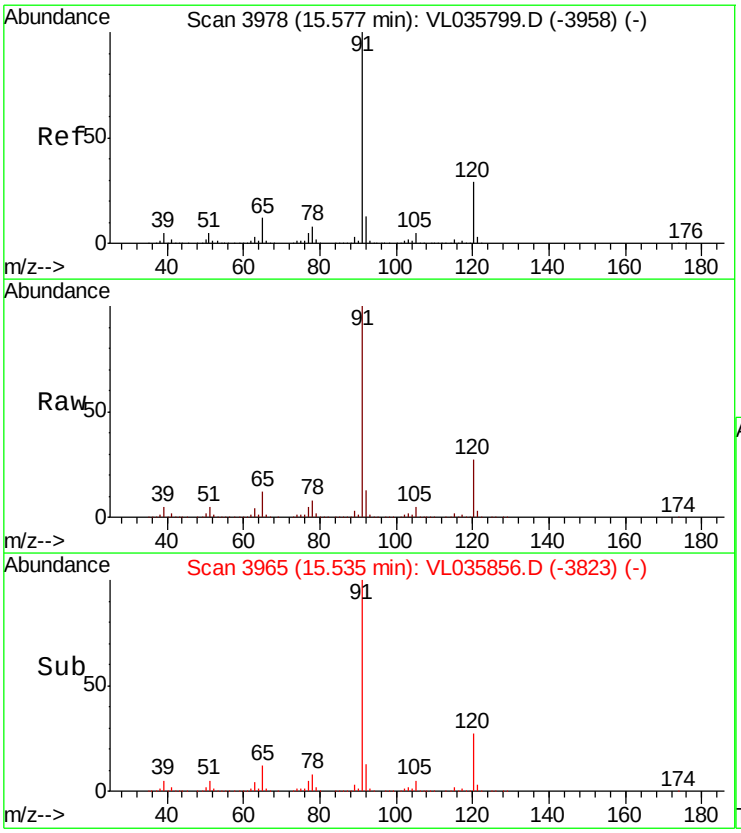
#63
1,1,2,2-Tetrachloroethane
Concen: 7.665 ppbv
RT: 13.65 min Scan# 3379
Delta R.T. -0.04 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 2409506

Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.3	15.8
85	65.9	33.5	100.4

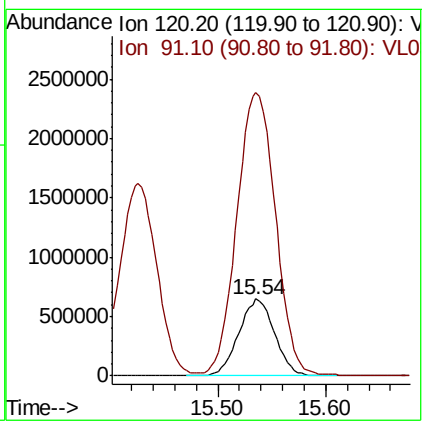


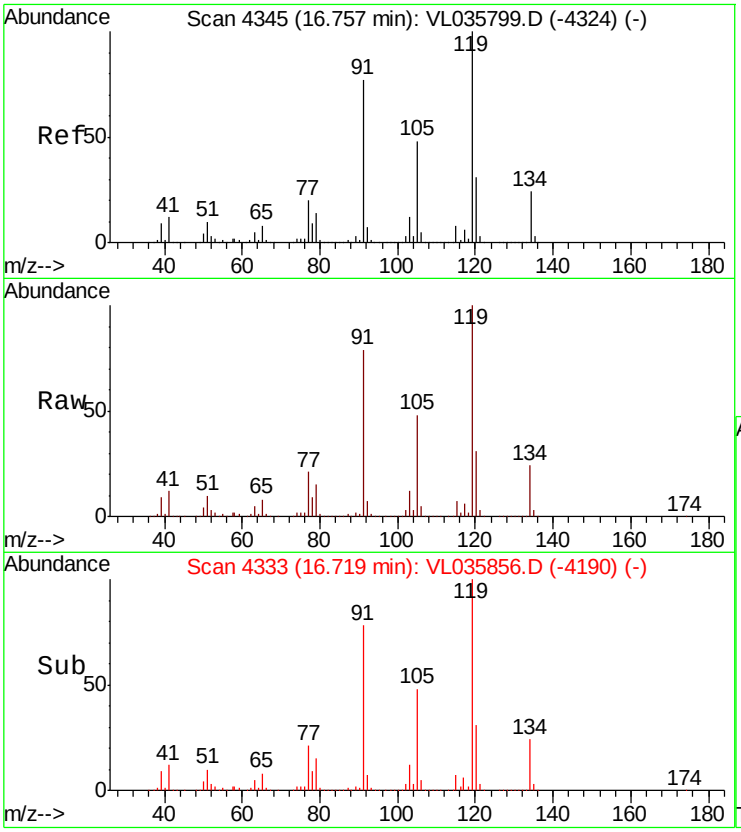


#64
n-propylbenzene
Concen: 8.091 ppbv
RT: 15.54 min Scan# 3965
Delta R.T. -0.04 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Tgt Ion:120 Resp: 1491365

Ion	Ratio	Lower	Upper
120	100		
91	400.2	311.1	466.7



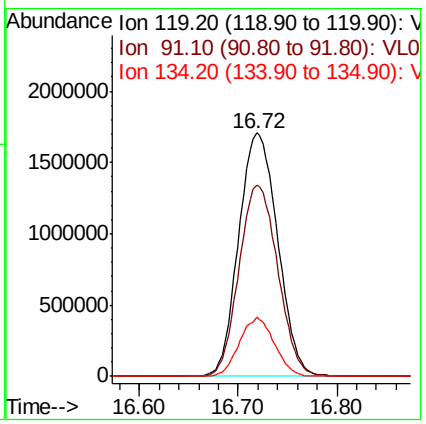


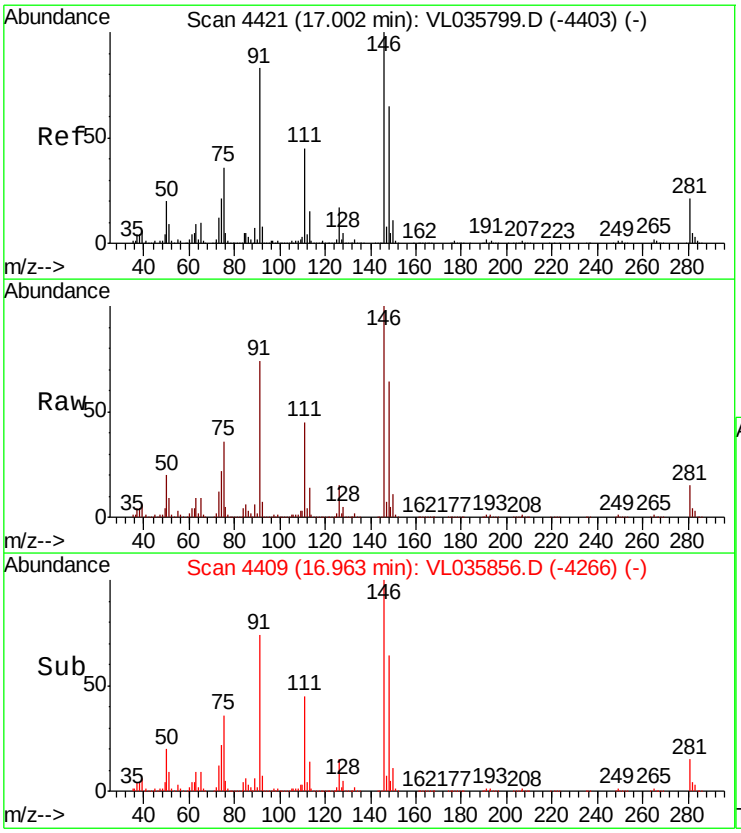
#65
tert-Butylbenzene
Concen: 8.031 ppbv
RT: 16.72 min Scan# 4333
Delta R.T. -0.04 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:119 Resp: 4661730

Ion	Ratio	Lower	Upper
119	100		
91	78.2	62.0	93.0
134	21.8	17.8	26.8

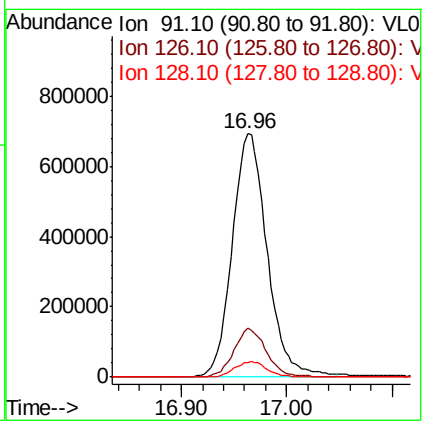


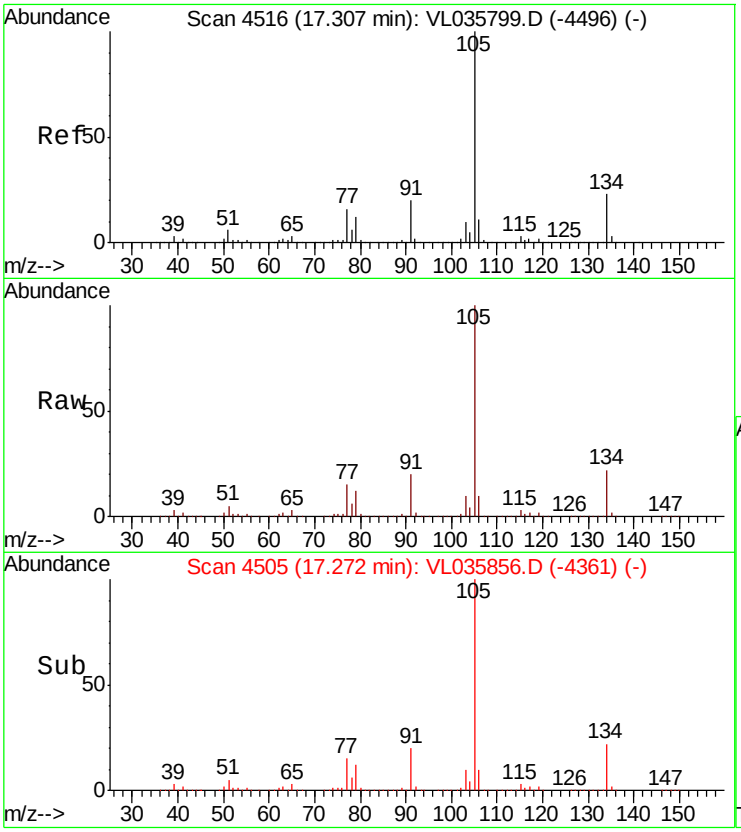


#66
Benzyl Chloride
Concen: 8.252 ppbv
RT: 16.96 min Scan# 4409
Delta R.T. -0.04 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Tgt Ion: 91 Resp: 1583278

Ion	Ratio	Lower	Upper
91	100		
126	18.9	16.0	24.0
128	6.1	5.0	7.4



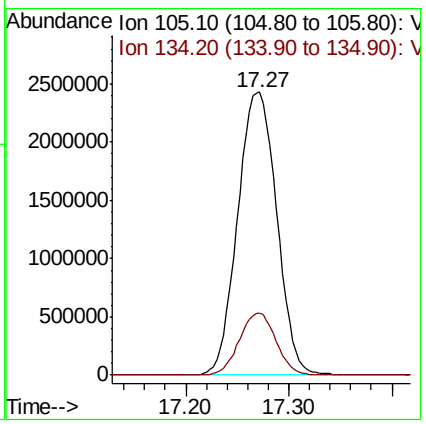


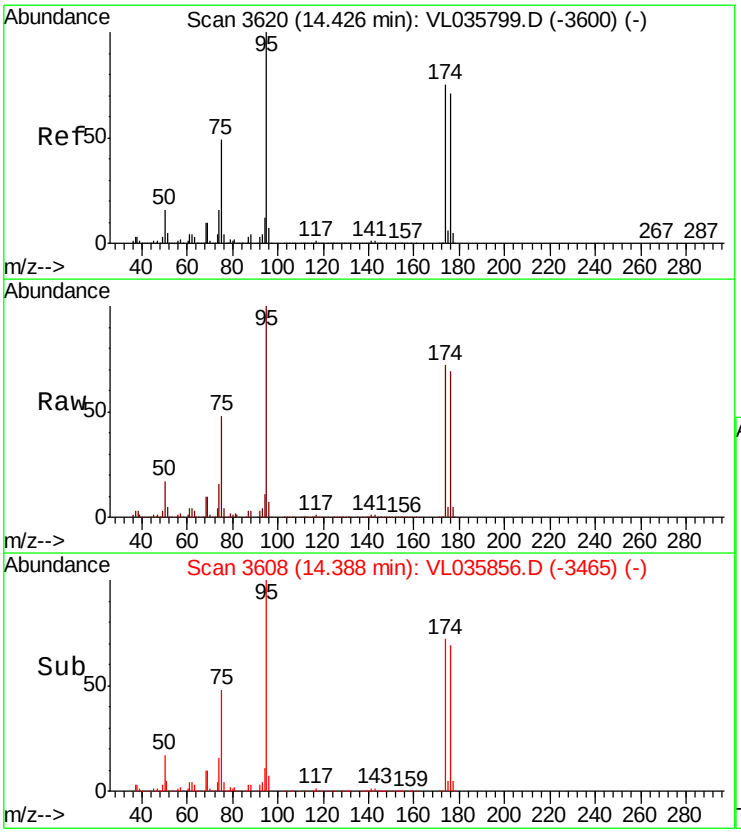
#67
sec-Butylbenzene
Concen: 8.165 ppbv
RT: 17.27 min Scan# 4505
Delta R.T. -0.04 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 6386459

Ion	Ratio	Lower	Upper
105	100		
134	20.7	17.0	25.6

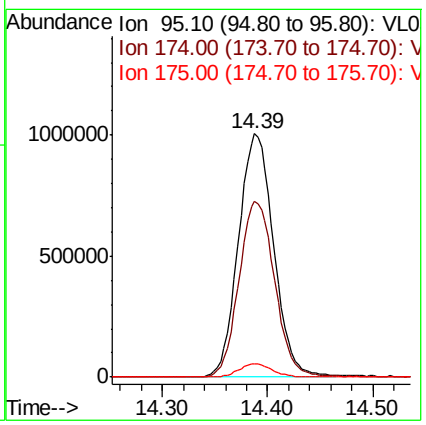


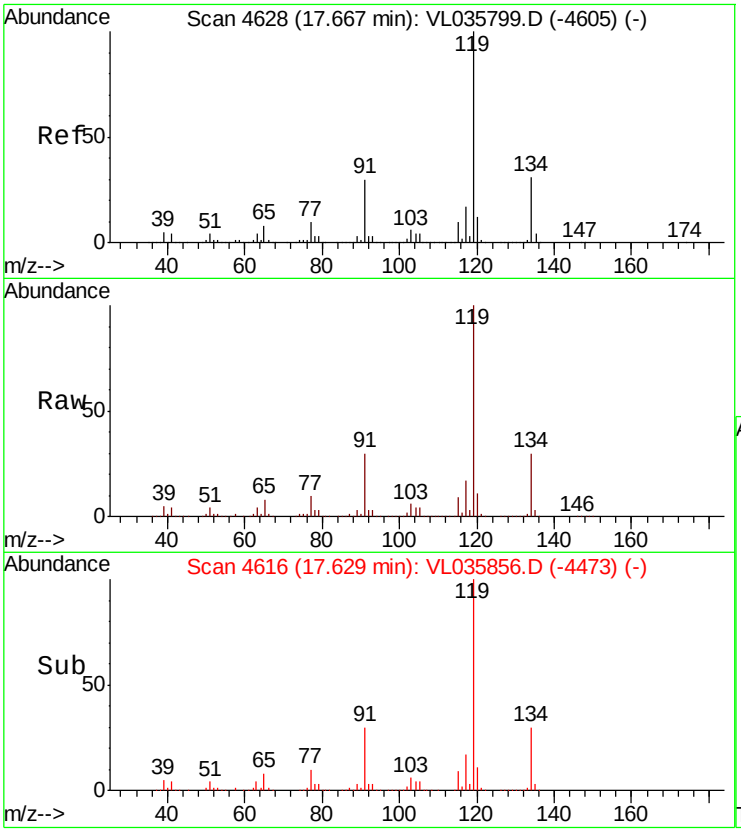


#68
1-Bromo-4-Fluorobenzene
Concen: 8.127 ppbv
RT: 14.39 min Scan# 3608
Delta R.T. -0.04 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Tgt Ion: 95 Resp: 2337048

Ion	Ratio	Lower	Upper
95	100		
174	73.9	59.8	89.6
175	5.2	4.3	6.5



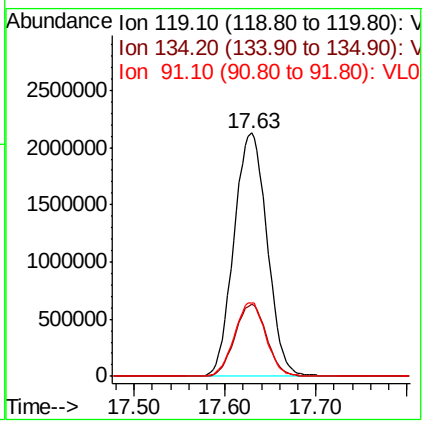


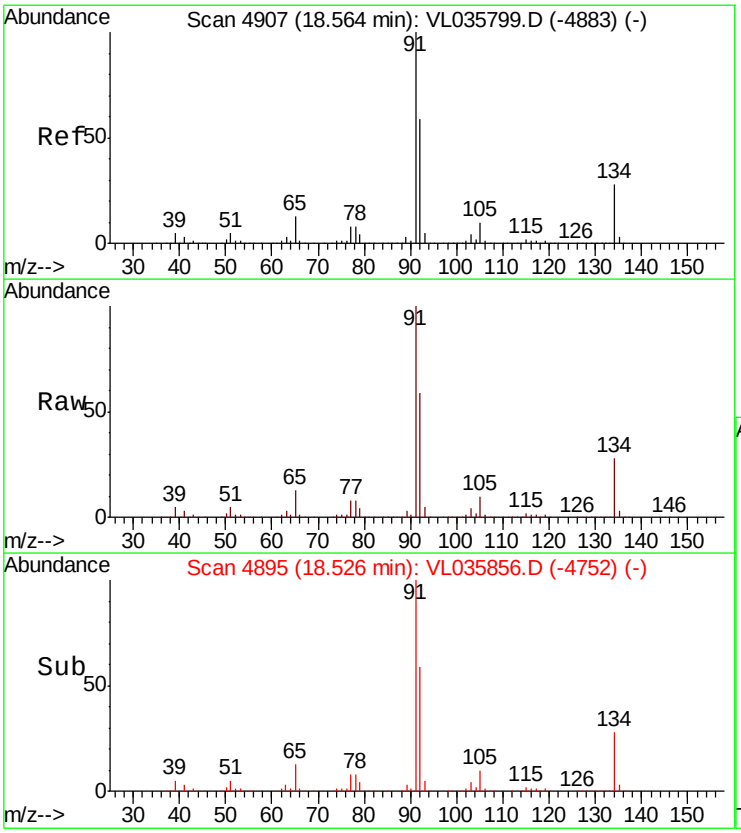
#69
p-Isopropyltoluene
Concen: 8.339 ppbv
RT: 17.63 min Scan# 4616
Delta R.T. -0.04 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:119 Resp: 5382553

Ion	Ratio	Lower	Upper
119	100		
134	28.3	23.0	34.6
91	28.8	22.8	34.2

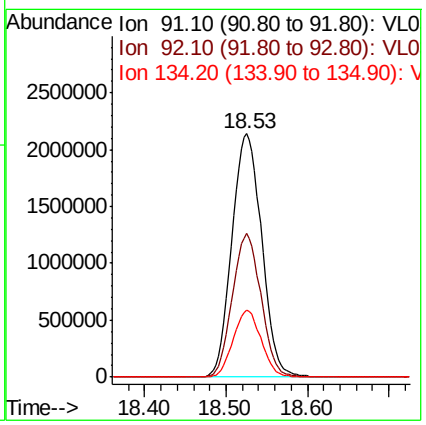


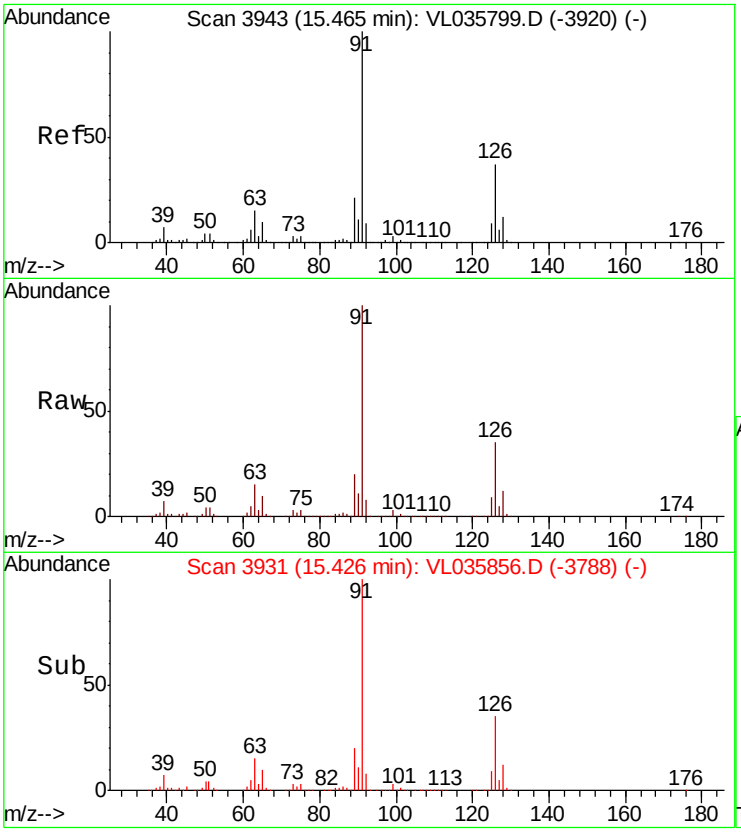


#70
n-Butylbenzene
Concen: 8.732 ppbv
RT: 18.53 min Scan# 4895
Delta R.T. -0.04 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Tgt Ion: 91 Resp: 5427873

Ion	Ratio	Lower	Upper
91	100		
92	56.6	45.7	68.5
134	25.9	21.0	31.4



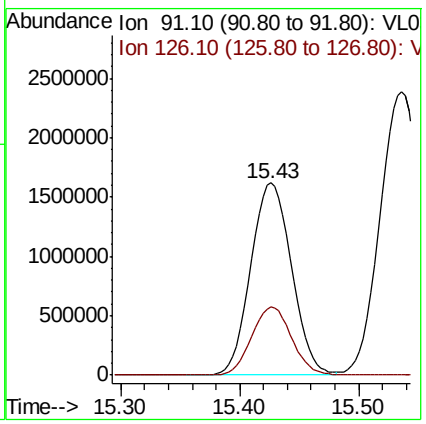


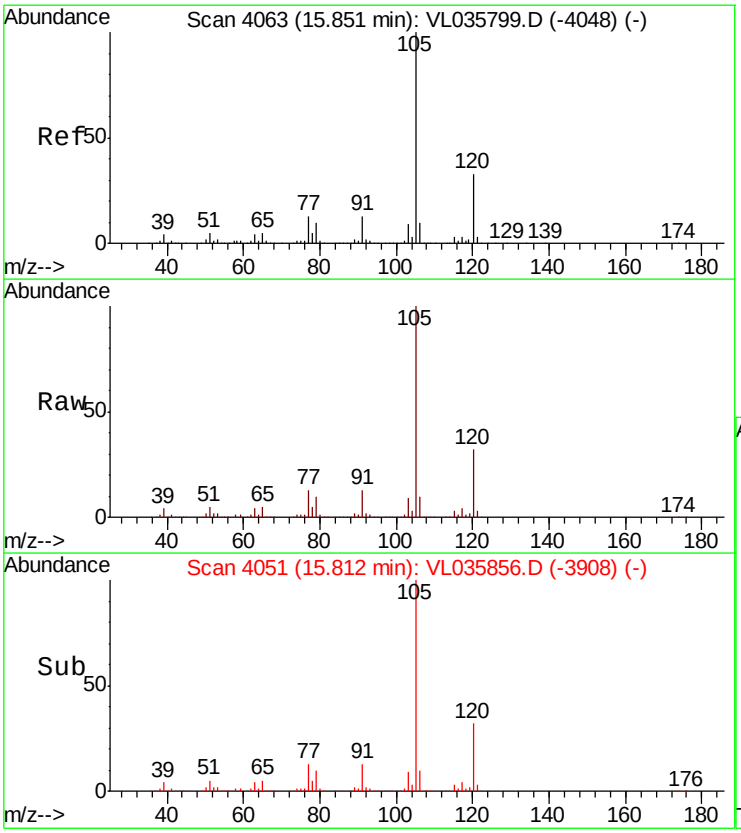
#71
2-Chlorotoluene
Concen: 8.269 ppbv
RT: 15.43 min Scan# 3931
Delta R.T. -0.04 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 3856766

Ion	Ratio	Lower	Upper
91	100		
126	34.8	14.3	57.1

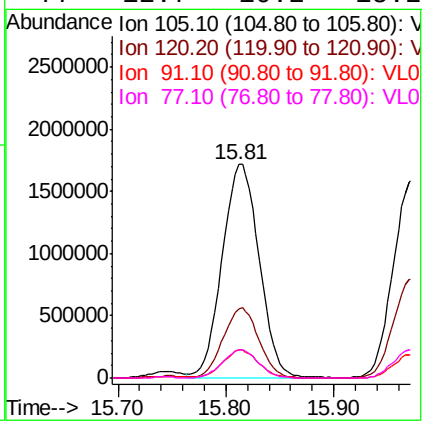


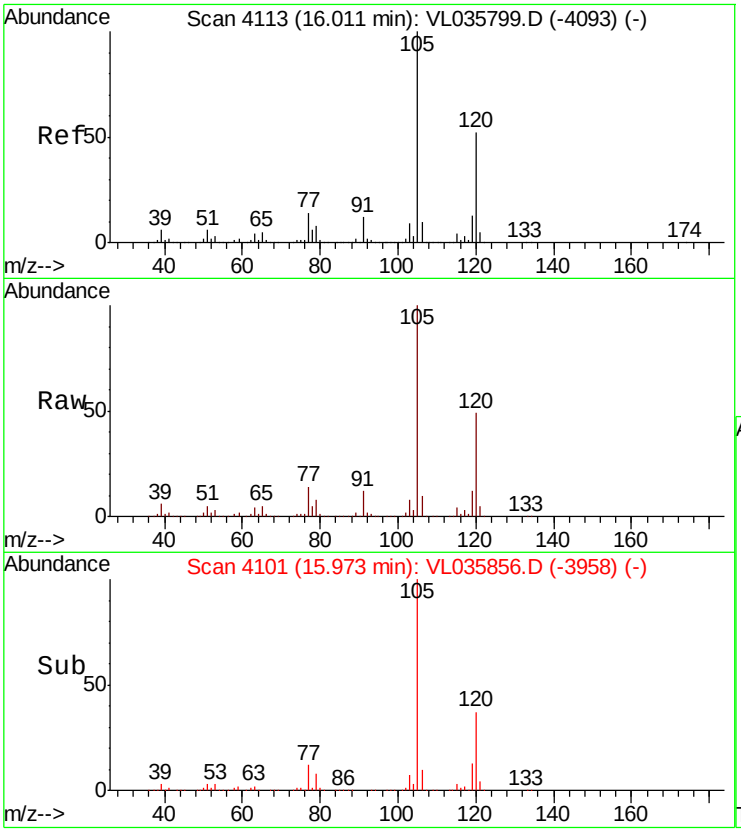


#72
4-Ethyltoluene
Concen: 8.327 ppbv
RT: 15.81 min Scan# 4051
Delta R.T. -0.04 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Tgt Ion:105 Resp: 4097474

Ion	Ratio	Lower	Upper
105	100		
120	32.0	25.9	38.9
91	12.4	9.9	14.9
77	12.7	10.2	15.2



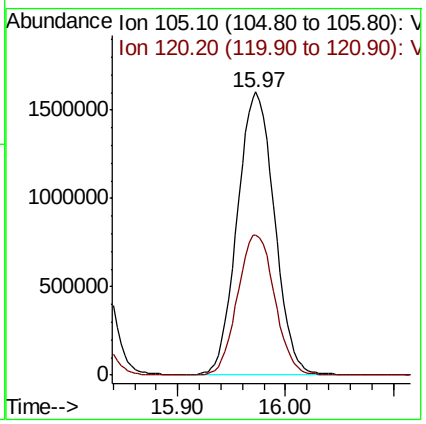


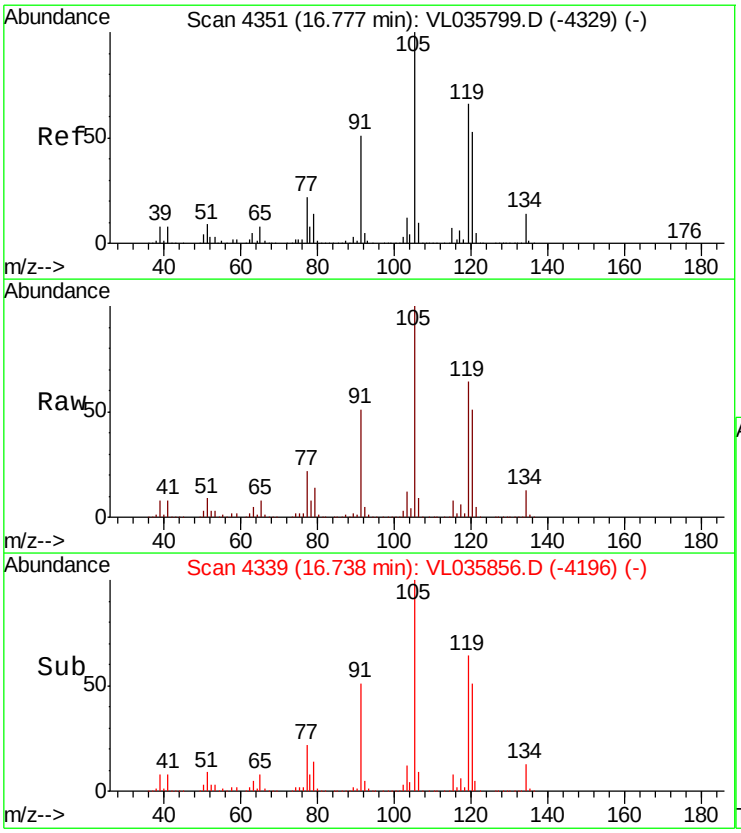
#73
1,3,5-Trimethylbenzene
Concen: 8.475 ppbv
RT: 15.97 min Scan# 4101
Delta R.T. -0.04 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 3816219

Ion	Ratio	Lower	Upper
105	100		
120	49.4	41.4	62.2

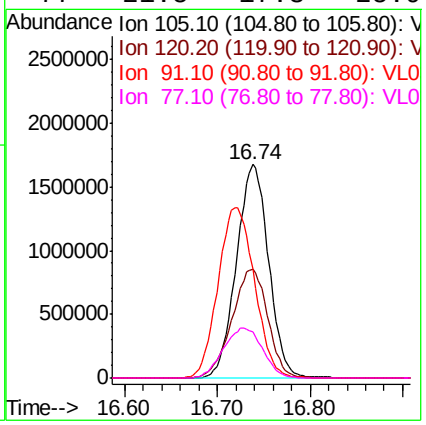


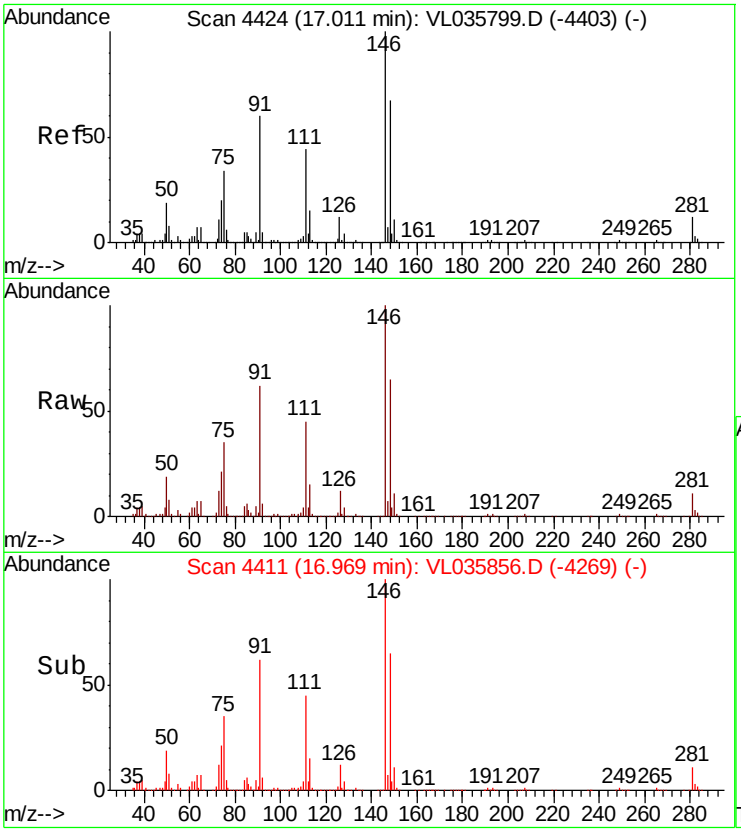


#74
1,2,4-Trimethylbenzene
Concen: 8.353 ppbv
RT: 16.74 min Scan# 4339
Delta R.T. -0.04 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Tgt Ion:105 Resp: 4030452

Ion	Ratio	Lower	Upper
105	100		
120	50.7	42.0	63.0
91	51.0	41.0	61.6
77	21.5	17.3	25.9



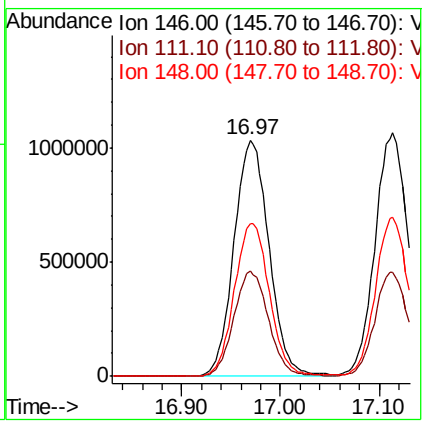


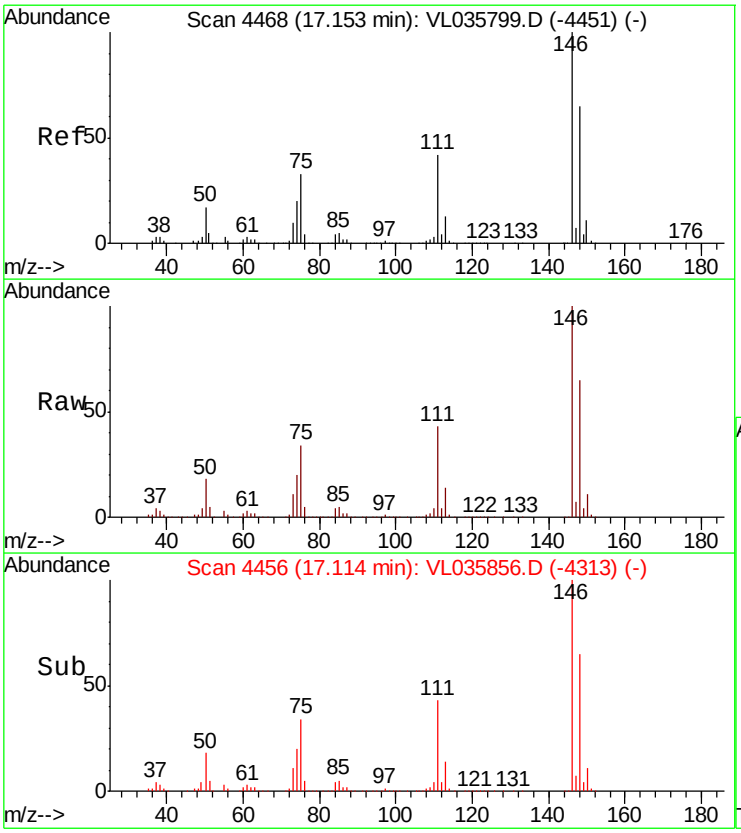
#75
1,3-Dichlorobenzene
Concen: 8.301 ppbv
RT: 16.97 min Scan# 4411
Delta R.T. -0.04 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:146 Resp: 2550401

Ion	Ratio	Lower	Upper
146	100		
111	44.1	21.8	65.4
148	64.9	32.5	97.5

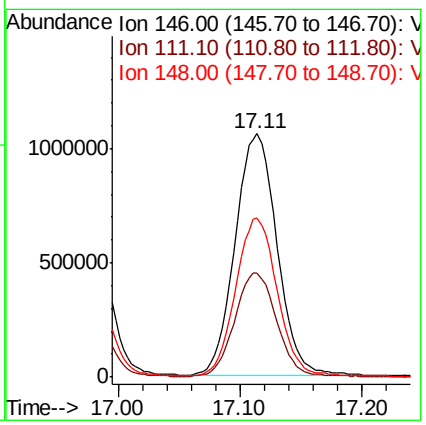


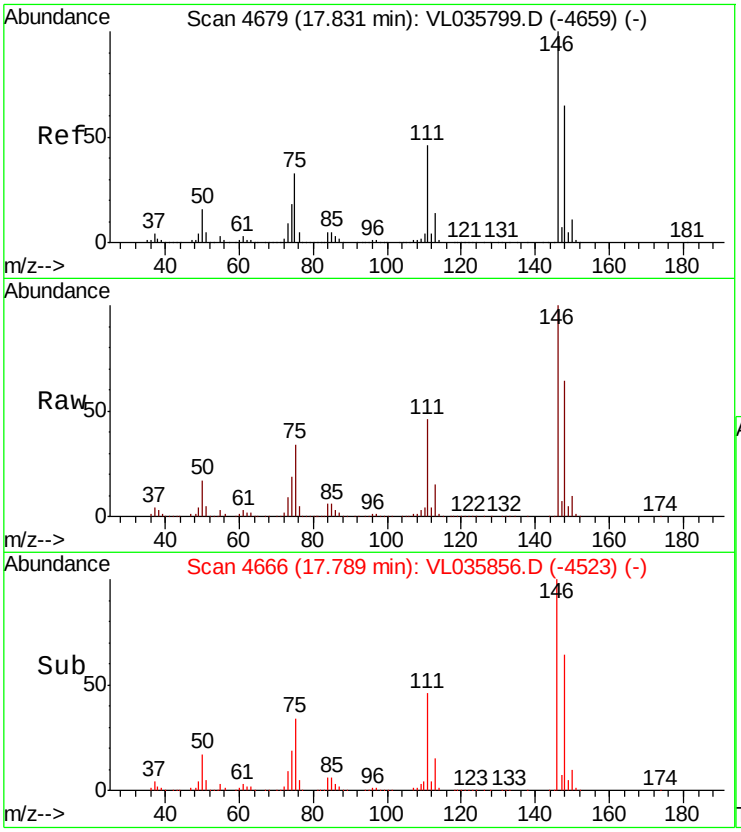


#76
1,4-Dichlorobenzene
Concen: 8.447 ppbv
RT: 17.11 min Scan# 4456
Delta R.T. -0.04 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Tgt Ion:146 Resp: 2503475

Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.3	63.7
148	66.4	33.0	99.0



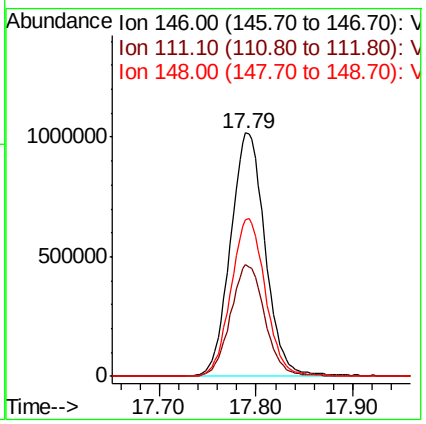


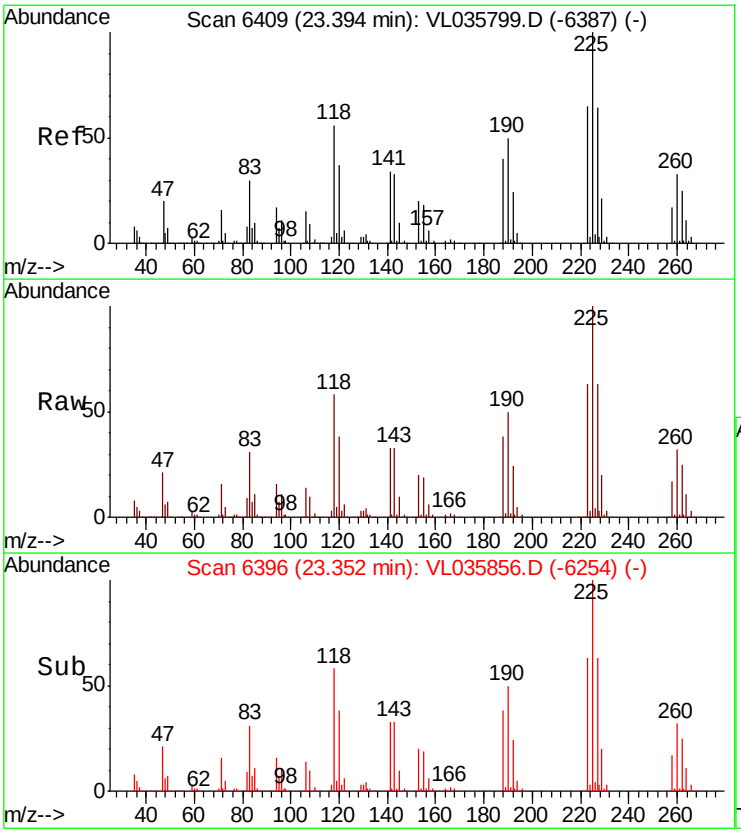
#77
1,2-Dichlorobenzene
Concen: 8.418 ppbv
RT: 17.79 min Scan# 4666
Delta R.T. -0.04 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:146 Resp: 2521141

Ion	Ratio	Lower	Upper
146	100		
111	45.7	22.4	67.0
148	64.8	32.5	97.5

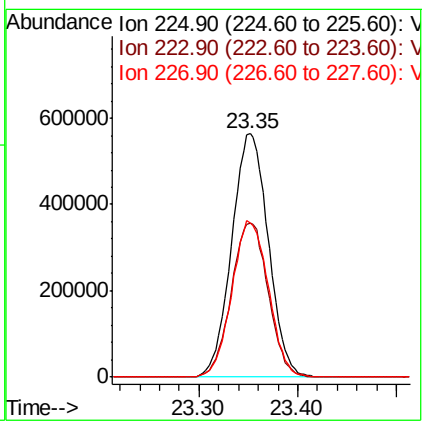


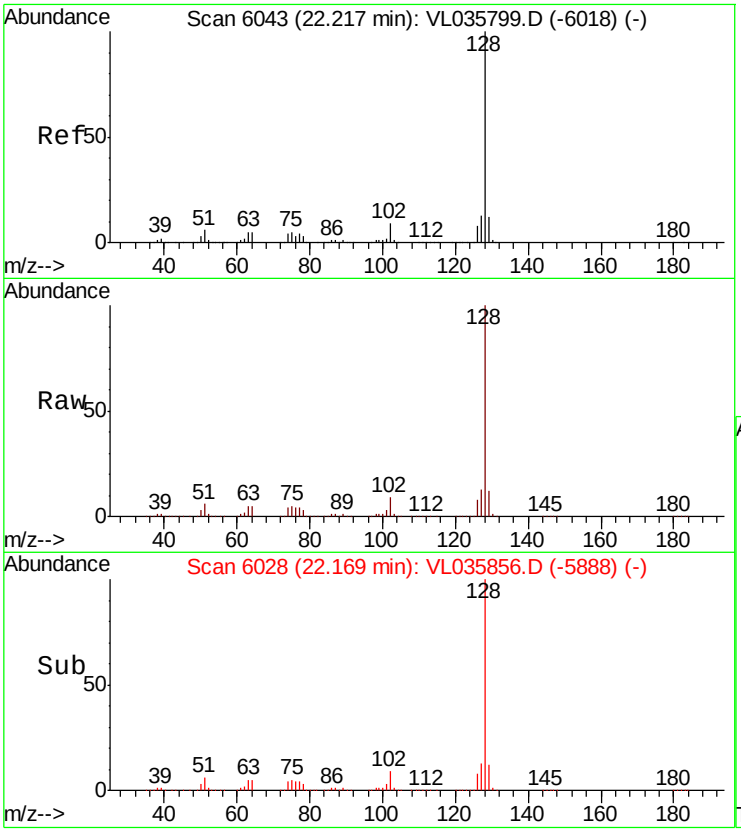


#78
Hexachloro-1,3-Butadiene
Concen: 10.373 ppbv
RT: 23.35 min Scan# 6396
Delta R.T. -0.04 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Tgt Ion:225 Resp: 1449509

Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.0	76.6
227	64.3	51.2	76.8



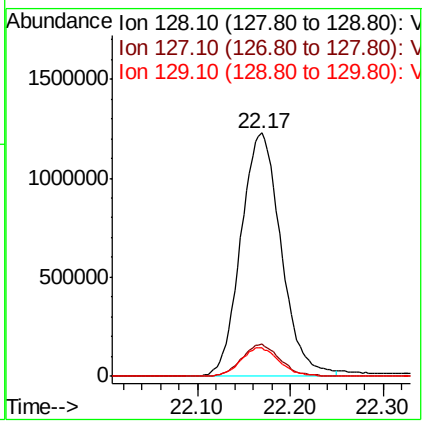


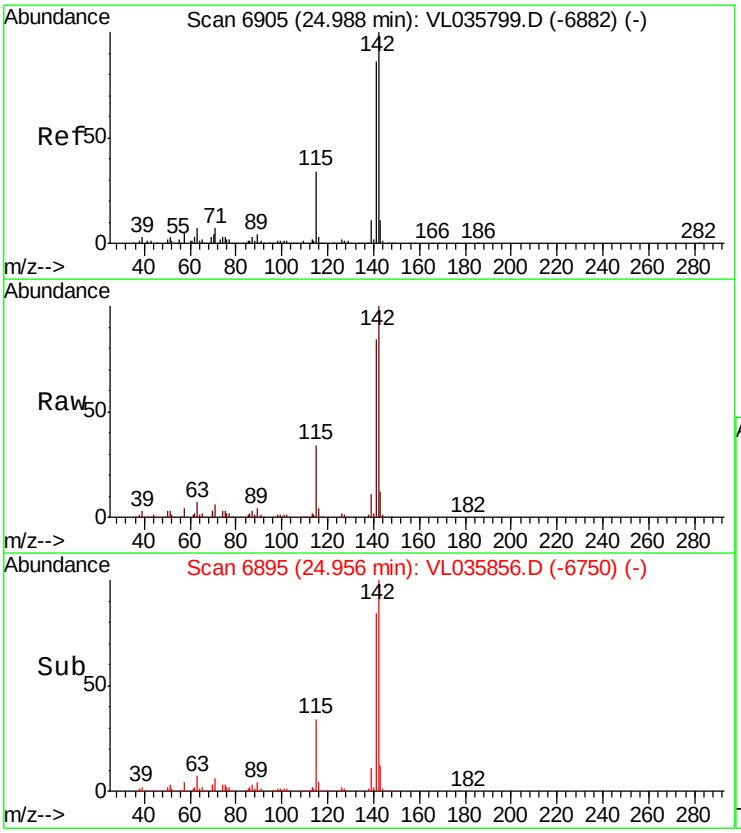
#79
Naphthalene
Concen: 10.990 ppbv
RT: 22.17 min Scan# 6028
Delta R.T. -0.05 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:128 Resp: 3696729

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.4
129	11.8	9.2	13.8

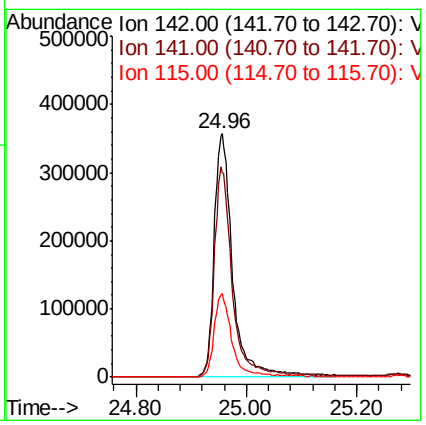


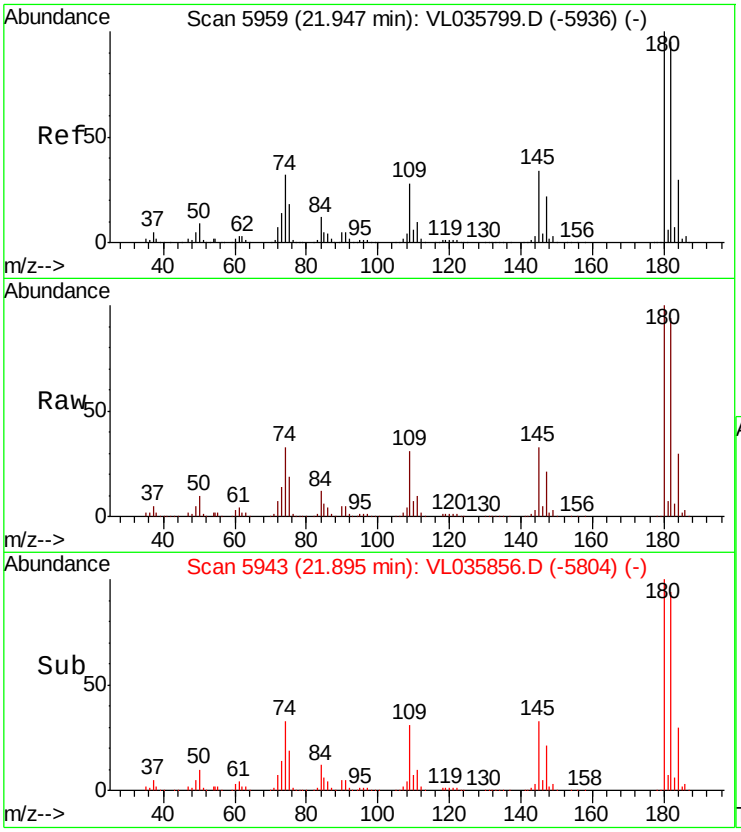


#80
Naphthalene,2-methyl-
Concen: 15.199 ppbv
RT: 24.96 min Scan# 6895
Delta R.T. -0.03 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Tgt Ion:142 Resp: 833104

Ion	Ratio	Lower	Upper
142	100		
141	84.3	67.8	101.8
115	33.6	28.1	42.1





#81
1,2,4-Trichlorobenzene
Concen: 10.172 ppbv
RT: 21.90 min Scan# 5943
Delta R.T. -0.05 min
Lab File: VL035856.D
Acq: 5 Nov 2020 6:41

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:180 Resp: 1911479

Ion	Ratio	Lower	Upper
180	100		
182	98.4	77.2	115.8
184	31.3	24.7	37.1