Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052322\
Data File : VL039086.D
Acq On : 23 May 2022 14:54
Operator : SY/AP
Sample : VL0523ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0523ABS01

Quant Time: May 24 05:56:40 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 10:12:15 2022
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	885316	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.16	114	2054248	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.06	117	1942350	10.00	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	1680211	10.92	ppbv	-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 109.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.04	85	1071940	7.728	ppbv	95
3) Chlorodifluoromethane	2.99	51	1118927	10.185	ppbv	97
4) Chloromethane	3.14	50	480742	8.738	ppbv	92
5) Vinyl Chloride	3.25	62	515321	10.258	ppbv	95
6) Bromomethane	3.47	94	246846	10.401	ppbv	93
7) Chloroethane	3.55	64	184484	10.972	ppbv	93
8) Dichlorotetrafluoroethane	3.18	85	1352981	10.762	ppbv	98
9) Propene	3.01	41	412699	8.602	ppbv	95
10) Heptane	8.10	43	1103695	9.377	ppbv	99
11) Trichlorofluoromethane	3.94	101	1327629	11.155	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.47	101	924322	11.274	ppbv	99
13) Ethanol	3.59	45	33628	9.905	ppbv	76
14) Bromoethene	3.73	108	377109	11.154	ppbv	96
15) Acetone	3.84	43	922451	11.046	ppbv	99
16) 1,3-Butadiene	3.32	39	505637	10.538	ppbv	98
17) tert-Butyl alcohol	4.27	59	732892	11.418	ppbv	99
18) 1,1-Dichloroethene	4.28	96	409632	11.609	ppbv	98
19) Isopropyl Alcohol	3.95	45	490117	12.343	ppbv #	94
20) Methylene Chloride	4.33	84	349900	11.117	ppbv	96
21) Allyl Chloride	4.40	41	595905	10.472	ppbv	97
22) trans-1,2-Dichloroethene	4.87	96	410961	10.782	ppbv	100
23) Vinyl Acetate	5.06	43	731818	11.075	ppbv	99
24) 1,1-Dichloroethane	5.00	63	826693	10.865	ppbv	99
25) Ethyl Acetate	5.66	43	2172154	10.867	ppbv	99
26) Hexane	5.67	57	855132	9.629	ppbv	91
27) Carbon Disulfide	4.54	76	946872	11.223	ppbv	99
28) Methyl tert-Butyl Ether	5.02	73	806433	11.935	ppbv	99
29) Chloroform	5.74	83	1473173	10.253	ppbv	99
30) Cyclohexane	7.11	84	681519	9.165	ppbv	98
31) cis-1,2-Dichloroethene	5.54	61	904984	10.002	ppbv	97
32) 1,1,1-Trichloroethane	6.49	97	1541036	10.726	ppbv	99
34) 2-Butanone	5.23	43	1159840	11.067	ppbv	99
35) Carbon Tetrachloride	7.01	117	1628202	12.029	ppbv	98
36) Benzene	6.87	78	1683578	9.577	ppbv	97
37) 1,2-Dichloroethane	6.29	62	1248349	11.477	ppbv	97
38) Trichloroethene	7.82	130	658841	8.430	ppbv	98
39) 1,2-Dichloropropane	7.60	63	292297	4.273	ppbv	93
40) 1,4-Dioxane	7.81	88	240273	9.780	ppbv	94
41) Tetrahydrofuran	6.03	42	656370	9.319	ppbv	99
42) Bromodichloromethane	7.77	83	1646215	11.070	ppbv	97
43) Methyl Methacrylate	8.00	69	753652	10.560	ppbv	97

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052322\
Data File : VL039086.D
Acq On : 23 May 2022 14:54
Operator : SY/AP
Sample : VL0523ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0523ABS01

Quant Time: May 24 05:56:40 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 10:12:15 2022
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.85	57	2942841	9.540	ppbv		97
45) t-1,3-Dichloropropene	9.26	75	631858	9.146	ppbv		99
46) cis-1,3-Dichloropropene	8.69	75	860248	9.390	ppbv		99
47) 1,1,2-Trichloroethane	9.46	97	689392	9.690	ppbv		98
48) Dibromochloromethane	10.28	129	1327348	11.463	ppbv		100
49) Bromoform	13.02	173	1058927	11.991	ppbv		100
50) 4-Methyl-2-Pentanone	8.72	43	1830390	9.960	ppbv		100
51) 2-Hexanone	10.11	43	1379766	10.287	ppbv		96
52) Tetrachloroethene	11.20	164	617547	9.830	ppbv		98
53) Toluene	9.79	91	1947831	9.885	ppbv		99
54) 1,2-Dibromoethane	10.59	107	1047354	10.814	ppbv		97
56) 1,1,1,2-Tetrachloroethane	12.10	131	942465	11.059	ppbv		98
57) Chlorobenzene	12.12	112	1429775	9.820	ppbv		99
58) Ethyl Benzene	12.69	91	2742926	9.813	ppbv		96
59) m/p-Xylene	12.97	91	2574355	10.788	ppbv	#	45
60) o-Xylene	13.67	91	2319718	10.328	ppbv		99
61) Styrene	13.51	104	1199347	10.002	ppbv		98
62) Isopropylbenzene	14.64	105	3499033	10.653	ppbv		98
63) 1,1,2,2-Tetrachloroethane	13.65	83	1577601	11.929	ppbv		99
64) n-propylbenzene	15.54	120	873045	10.994	ppbv		99
65) tert-Butylbenzene	16.72	119	3142134	10.918	ppbv		98
66) Benzyl Chloride	16.97	91	216426	5.753	ppbv		99
67) sec-Butylbenzene	17.27	105	4478438	10.893	ppbv		99
69) p-Isopropyltoluene	17.63	119	3679944	11.079	ppbv		99
70) n-Butylbenzene	18.53	91	3929873	11.136	ppbv		99
71) 2-Chlorotoluene	15.43	91	2680216	10.585	ppbv		99
72) 4-Ethyltoluene	15.82	105	2747805	10.736	ppbv		99
73) 1,3,5-Trimethylbenzene	15.97	105	2497557	10.840	ppbv		99
74) 1,2,4-Trimethylbenzene	16.74	105	2751296	10.906	ppbv		98
75) 1,3-Dichlorobenzene	16.97	146	1517563	10.979	ppbv		99
76) 1,4-Dichlorobenzene	17.11	146	1435996	10.560	ppbv		97
77) 1,2-Dichlorobenzene	17.79	146	1468212	10.740	ppbv		99
78) Hexachloro-1,3-Butadiene	23.35	225	1167406	9.292	ppbv		100
79) Naphthalene	22.17	128	2070403	10.103	ppbv		100
80) Naphthalene,2-methyl-	24.95	142	440059	7.099	ppbv		94
81) 1,2,4-Trichlorobenzene	21.90	180	1149595	9.573	ppbv		98

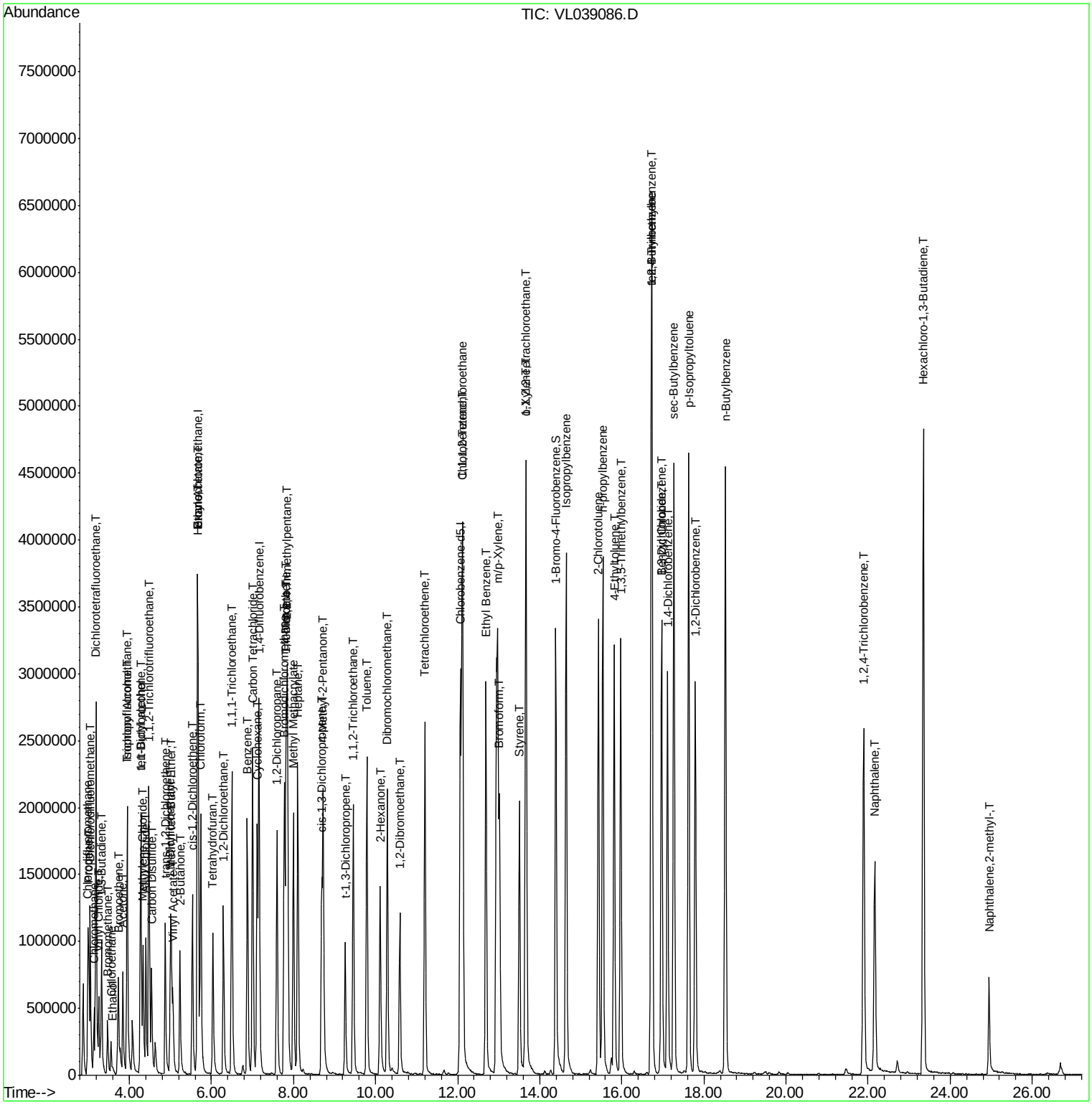
(#) = qualifier out of range (m) = manual integration (+) = signals summed

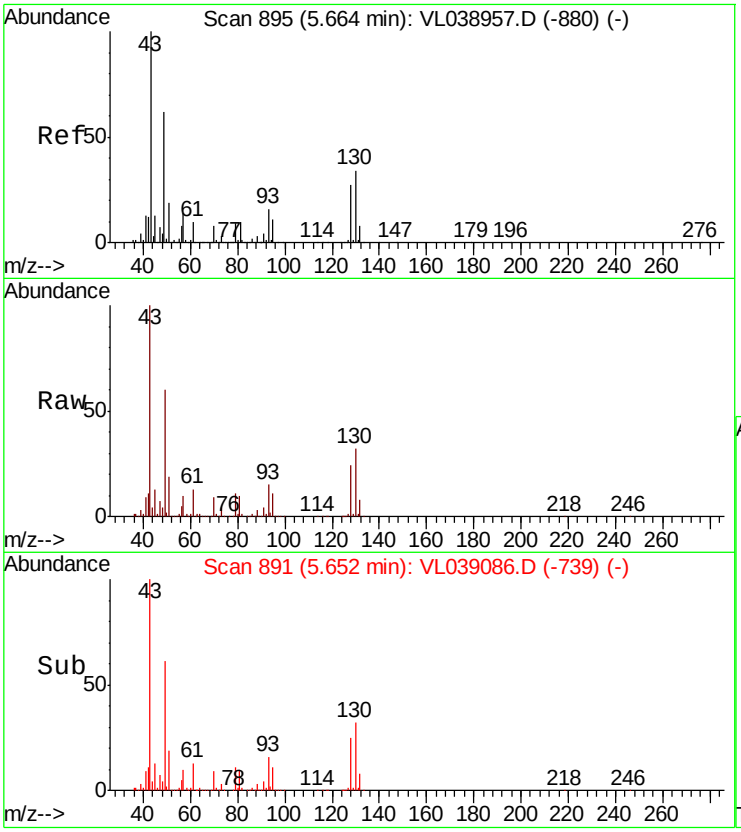
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052322\
Data File : VL039086.D
Acq On : 23 May 2022 14:54
Operator : SY/AP
Sample : VL0523ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Quant Time: May 24 05:56:40 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 10:12:15 2022
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration



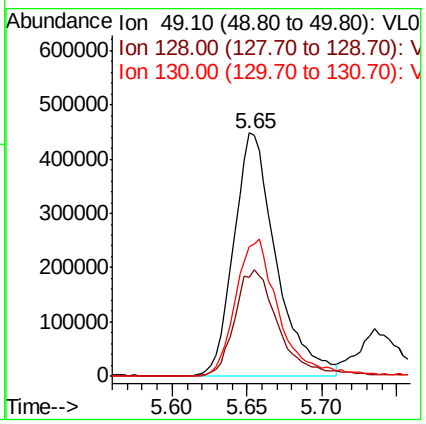


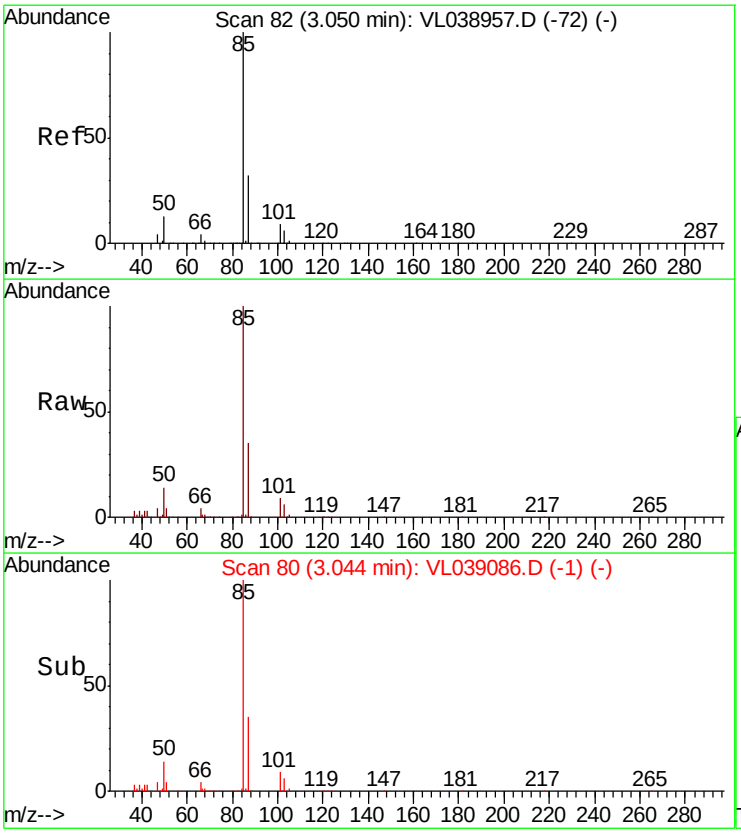
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion: 49 Resp: 885316

Ion	Ratio	Lower	Upper
49	100		
128	46.5	23.3	69.8
130	59.1	29.8	89.3

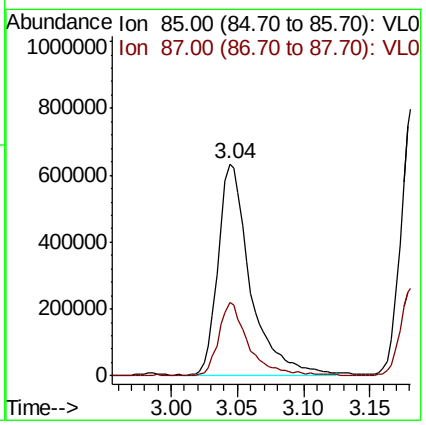


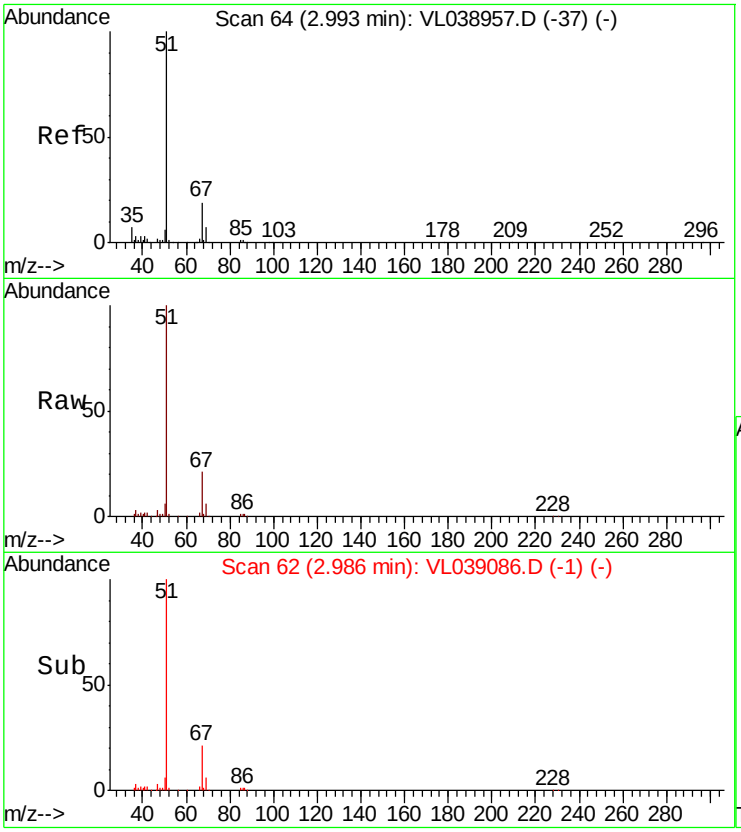


#2
Dichlorodifluoromethane
Concen: 7.728 ppbv
RT: 3.04 min Scan# 80
Delta R.T. -0.01 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion: 85 Resp: 1071940

Ion	Ratio	Lower	Upper
85	100		
87	34.7	25.7	38.5



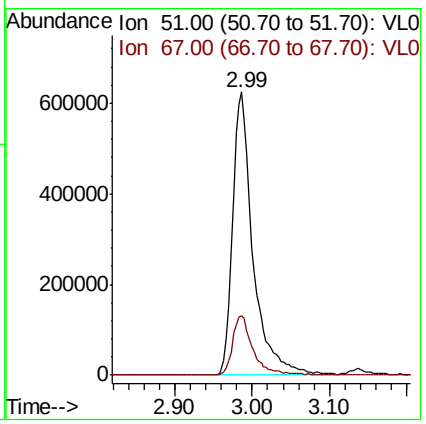


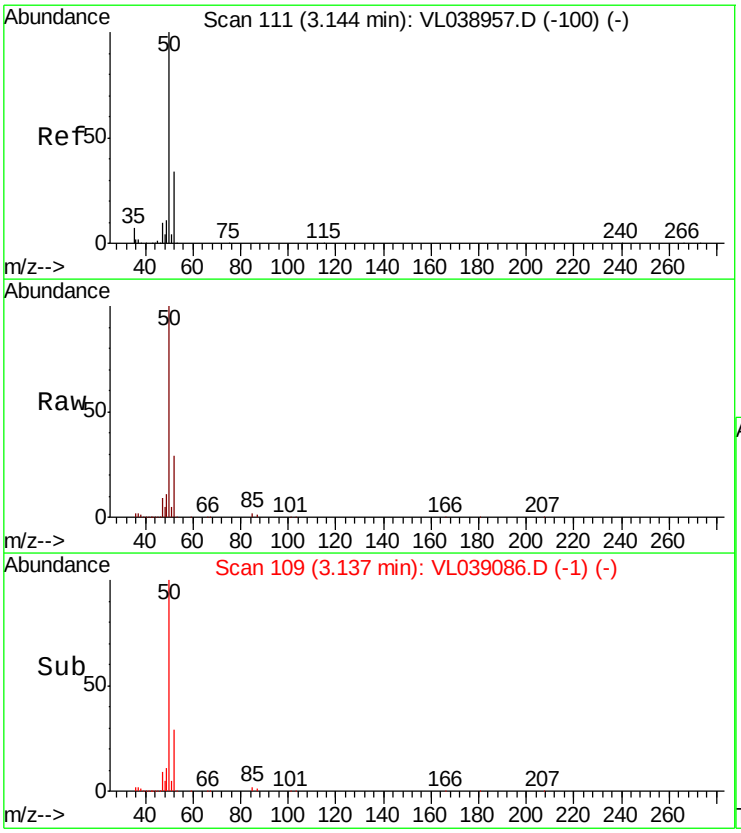
#3
Chlorodifluoromethane
Concen: 10.185 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion: 51 Resp: 1118927

Ion	Ratio	Lower	Upper
51	100		
67	21.2	15.8	23.8

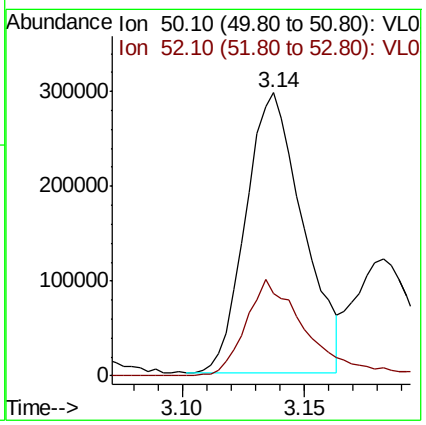


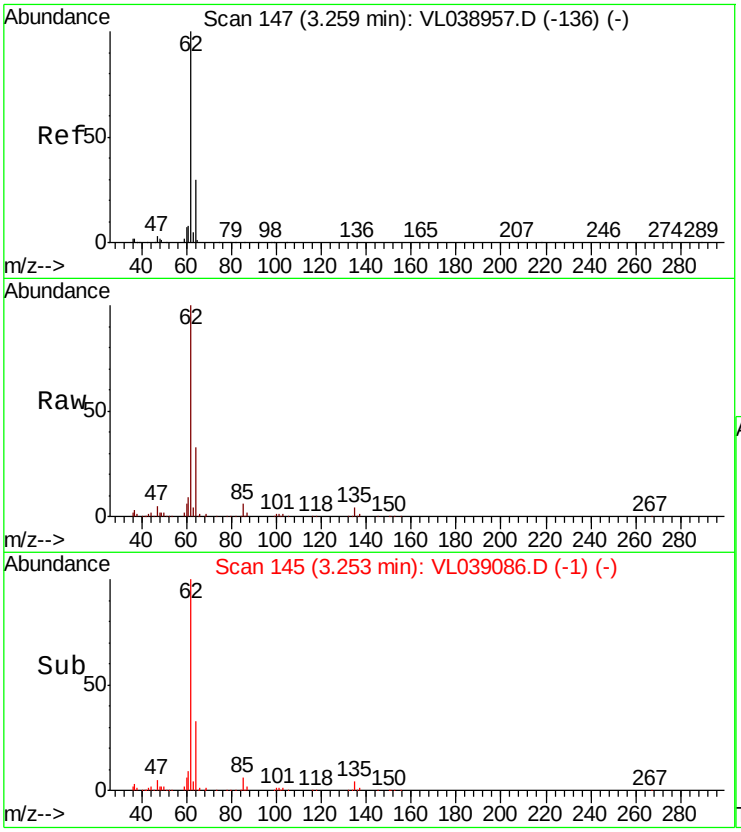


#4
Chloromethane
Concen: 8.738 ppbv
RT: 3.14 min Scan# 109
Delta R.T. -0.01 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion: 50 Resp: 480742

Ion	Ratio	Lower	Upper
50	100		
52	29.3	27.3	40.9



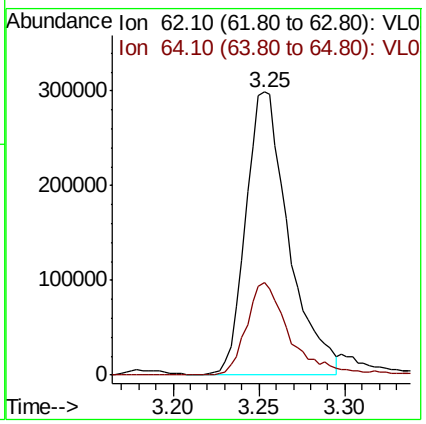


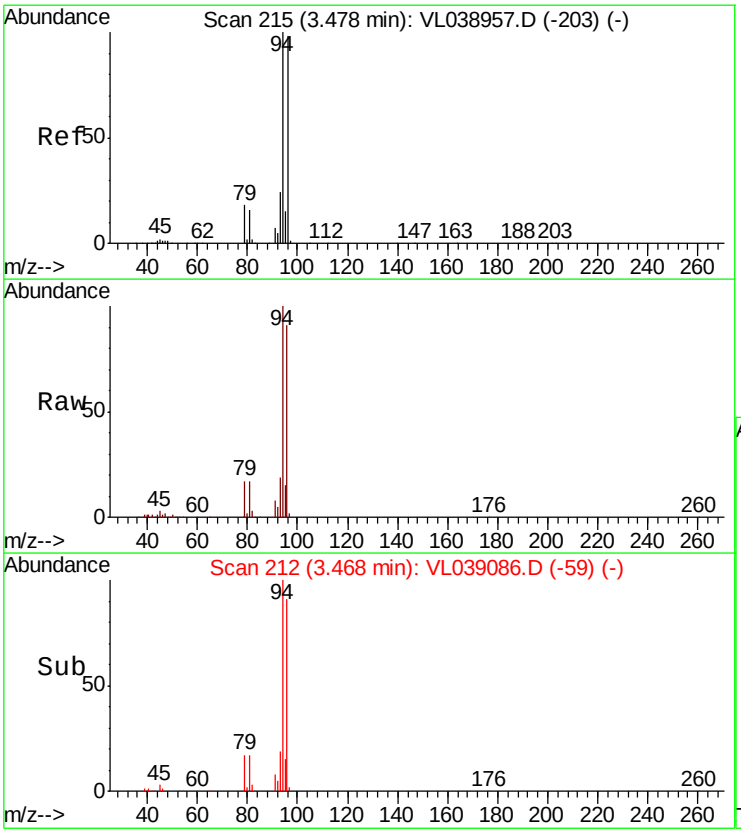
#5
Vinyl Chloride
Concen: 10.258 ppbv
RT: 3.25
Delta R.T
Lab File:
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion: 62 Resp: 515321

Ion	Ratio	Lower	Upper
62	100		
64	32.9	24.2	36.4

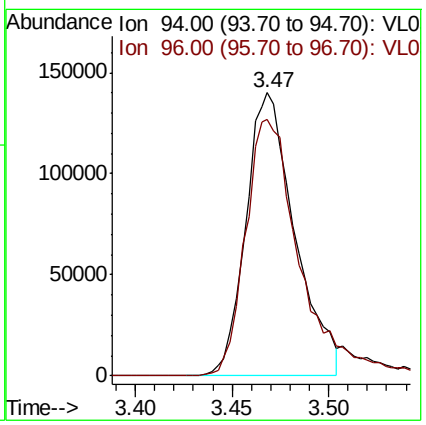


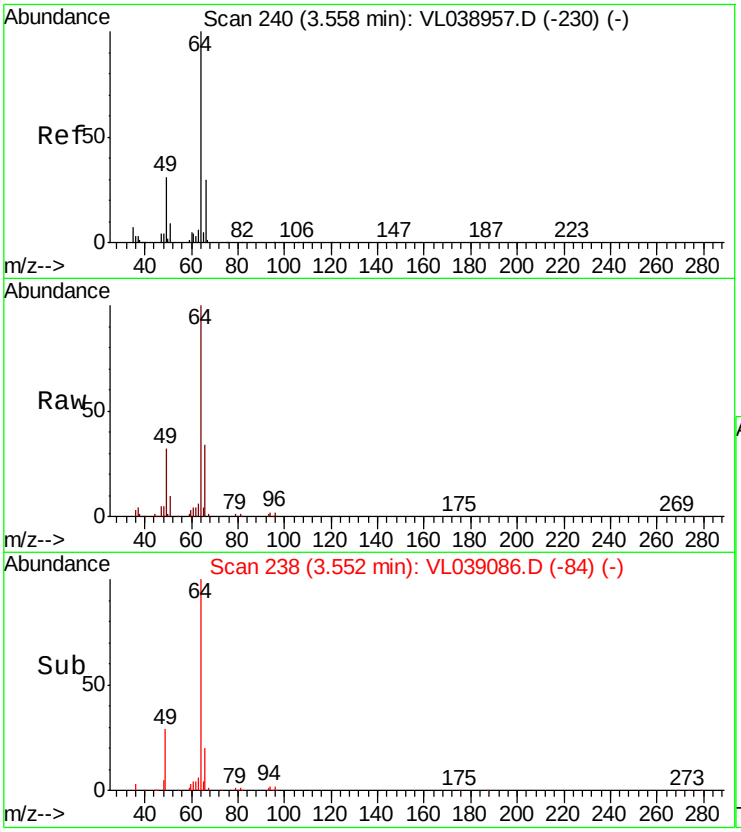


#6
Bromomethane
Concen: 10.401 ppbv
RT: 3.47 min Scan# 212
Delta R.T. -0.01 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion: 94 Resp: 246846

Ion	Ratio	Lower	Upper
94	100		
96	90.7	78.1	117.1



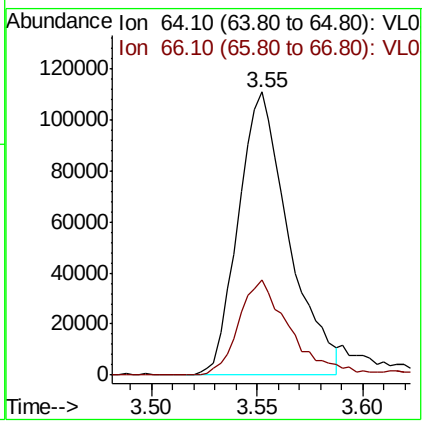


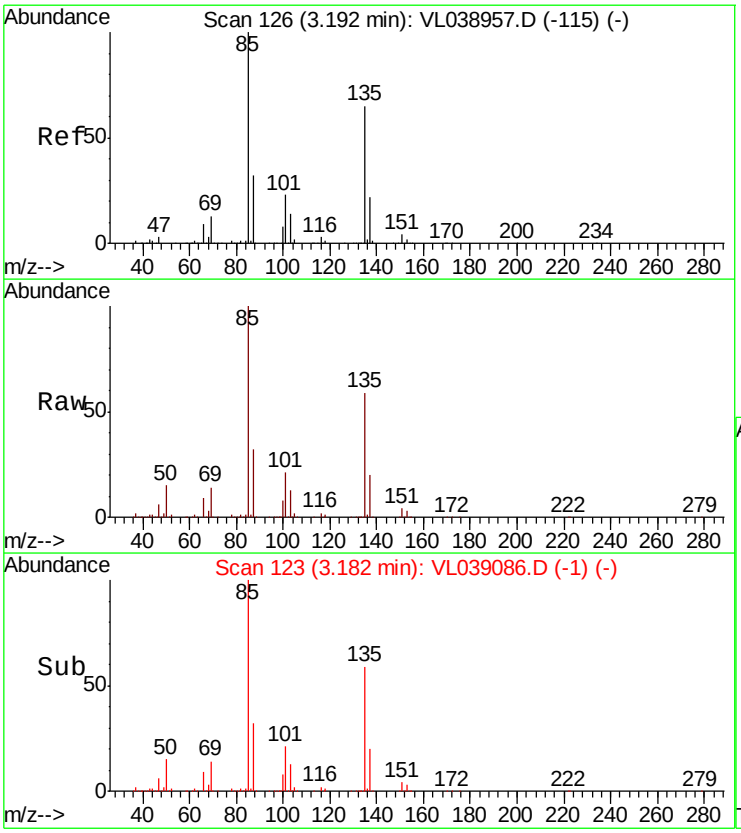
#7
Chloroethane
Concen: 10.972 ppbv
RT: 3.55
Delta R.T
Lab File:
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion: 64 Resp: 184484

Ion	Ratio	Lower	Upper
64	100		
66	33.5	23.8	35.8

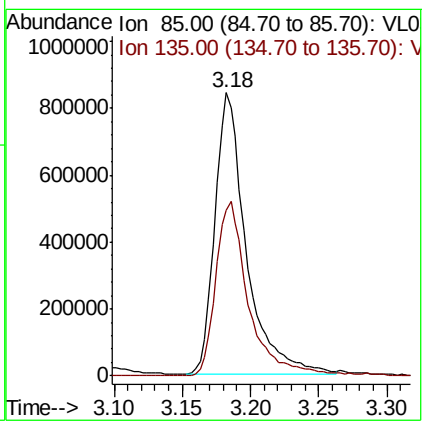


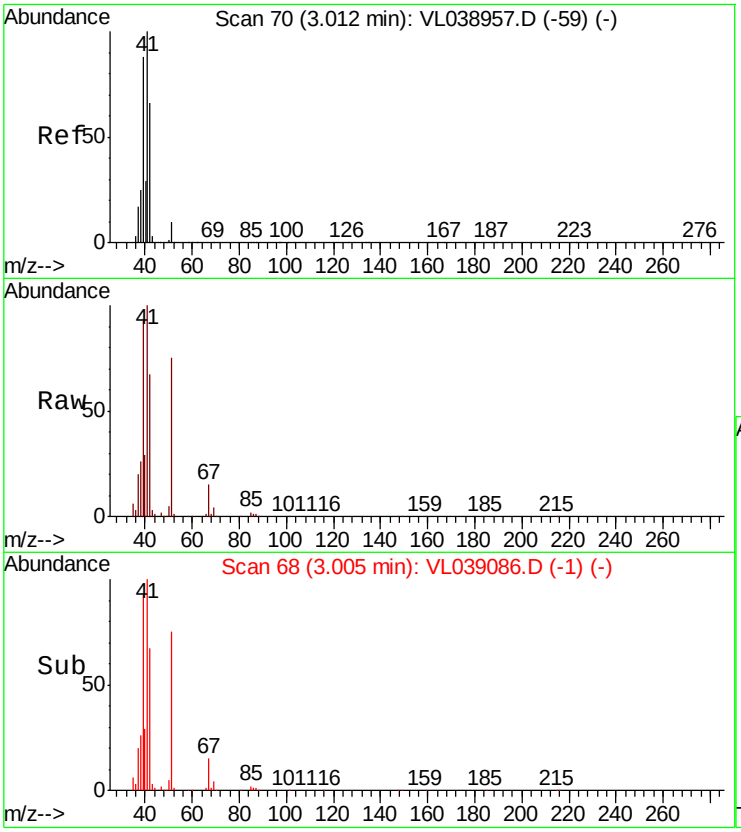


#8
Dichlorotetrafluoroethane
Concen: 10.762 ppbv
RT: 3.18 min Scan# 123
Delta R.T. -0.01 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion: 85 Resp: 1352981

Ion	Ratio	Lower	Upper
85	100		
135	65.4	53.6	80.4



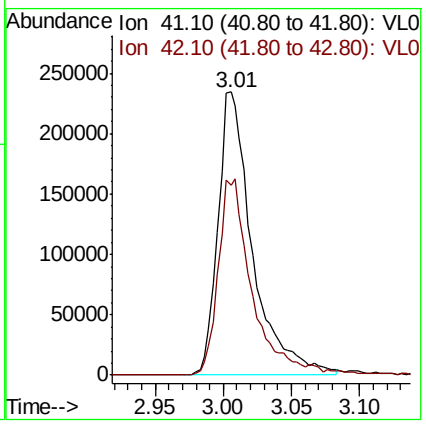


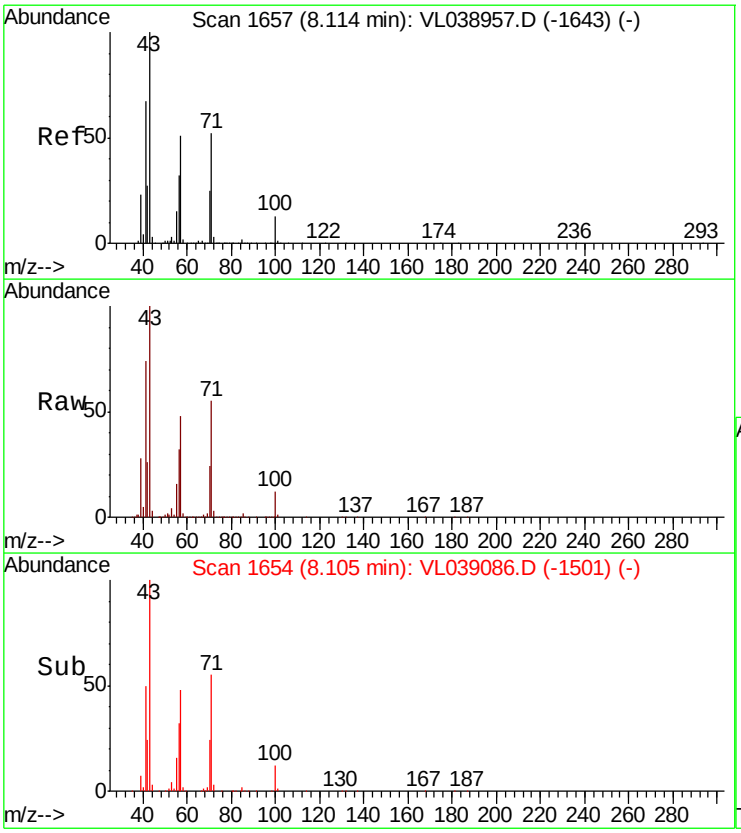
#9
Propene
Concen: 8.602 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion: 41 Resp: 412699

Ion	Ratio	Lower	Upper
41	100		
42	69.1	58.3	87.5

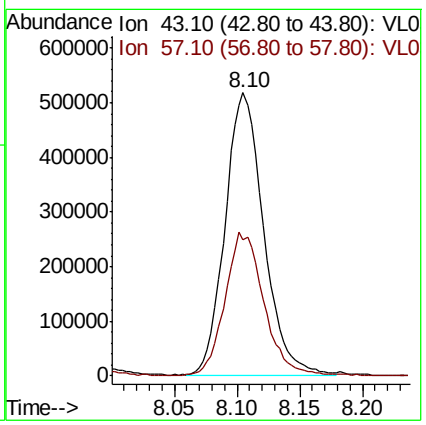


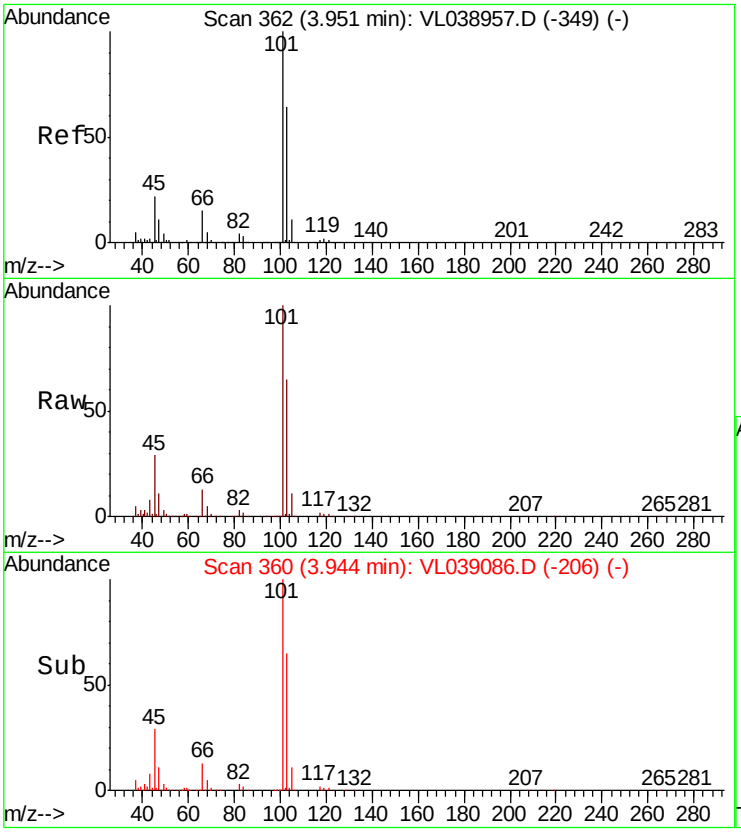


#10
Heptane
Concen: 9.377 ppbv
RT: 8.10 min Scan# 1654
Delta R.T. -0.01 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion: 43 Resp: 1103695

Ion	Ratio	Lower	Upper
43	100		
57	51.3	40.5	60.7



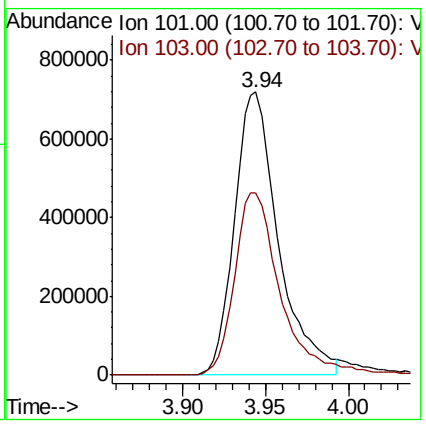


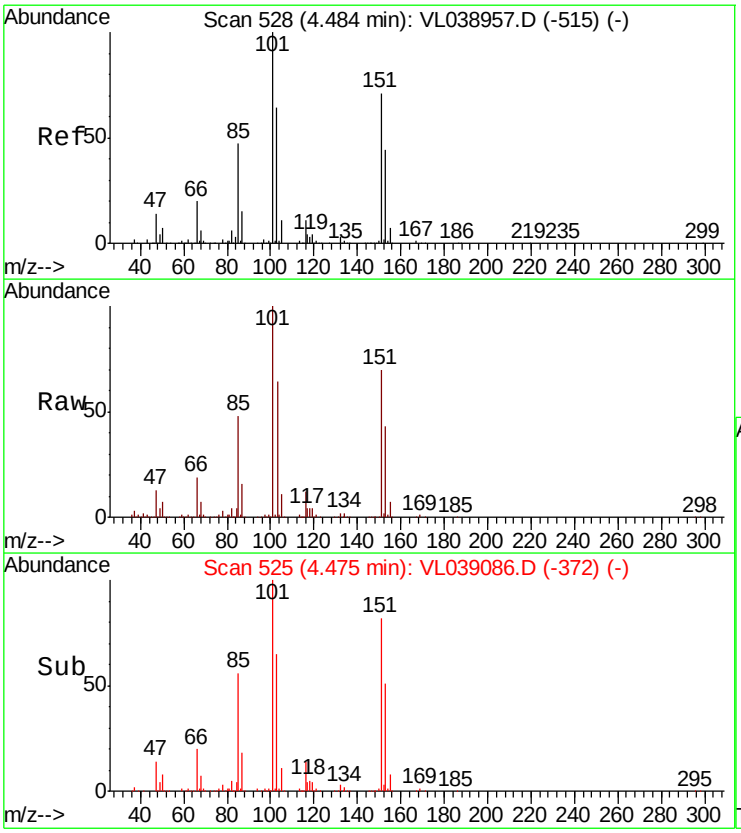
#11
Trichlorofluoromethane
Concen: 11.155 ppbv
RT: 3.94
Delta R.T
Lab File:
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion:101 Resp: 1327629

Ion	Ratio	Lower	Upper
101	100		
103	64.5	51.5	77.3

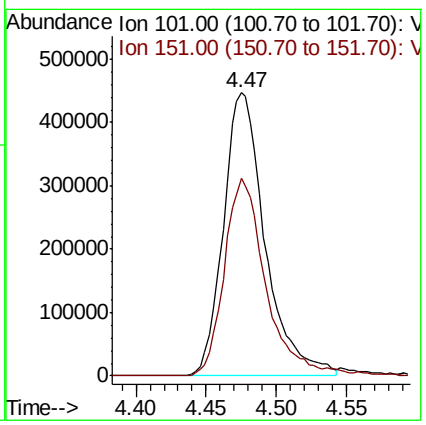


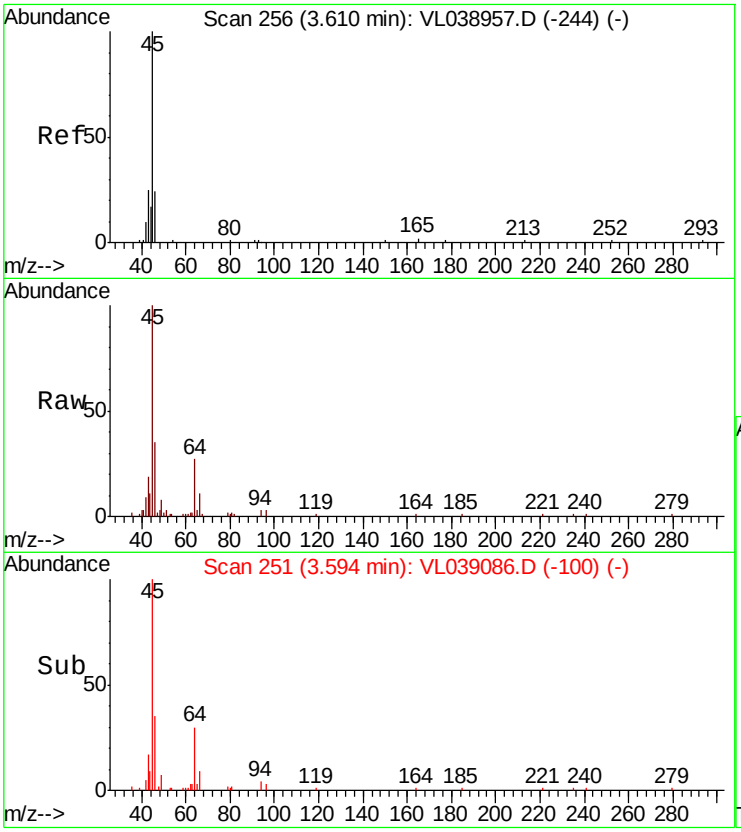


#12
1,1,2-Trichlorotrifluoroethane
Concen: 11.274 ppbv
RT: 4.47 min Scan# 525
Delta R.T. -0.01 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion:101 Resp: 924322

Ion	Ratio	Lower	Upper
101	100		
151	70.1	55.4	83.0



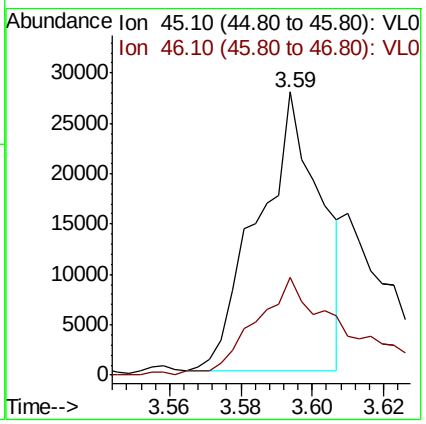


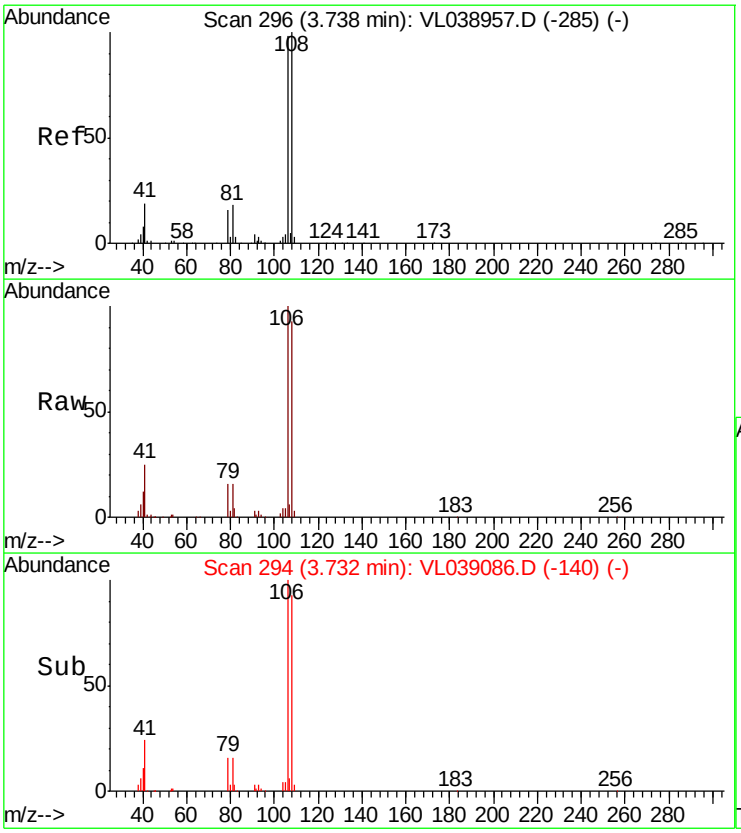
#13
Ethanol
Concen: 9.905 ppbv
RT: 3.59
Delta R.T
Lab File:
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion: 45 Resp: 33628

Ion	Ratio	Lower	Upper
45	100		
46	60.6	18.0	72.2

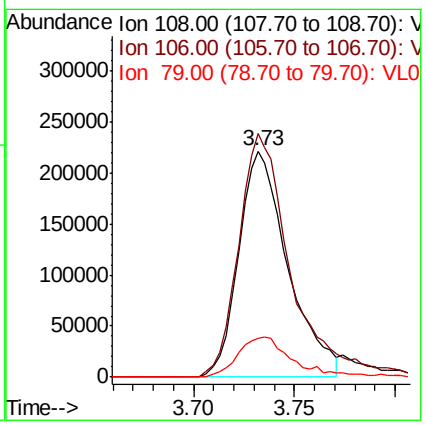


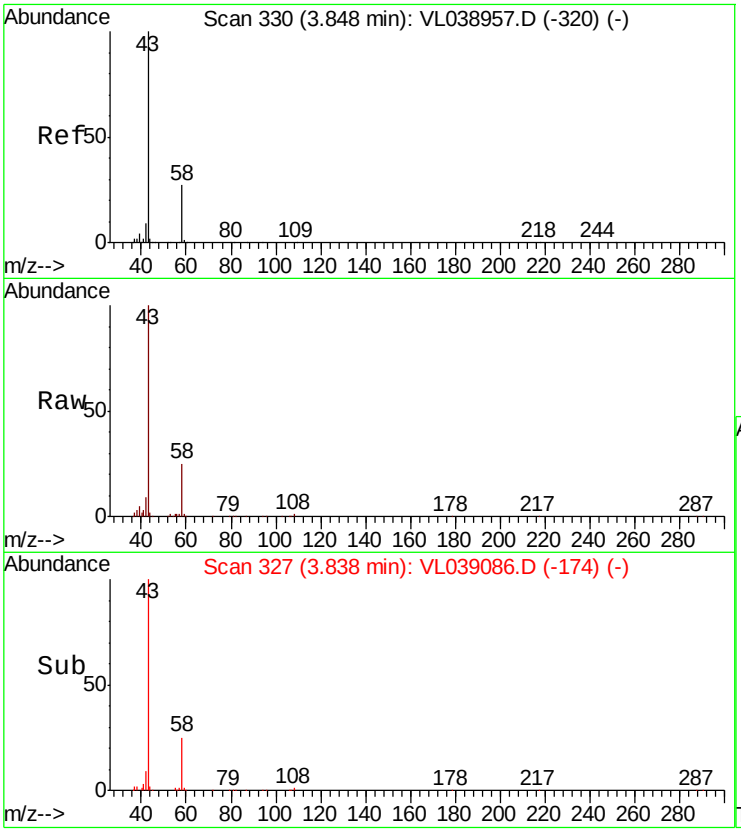


#14
Bromoethene
Concen: 11.154 ppbv
RT: 3.73 min Scan# 294
Delta R.T. -0.01 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion:108 Resp: 377109

Ion	Ratio	Lower	Upper
108	100		
106	116.4	90.3	135.5
79	20.7	14.9	22.3



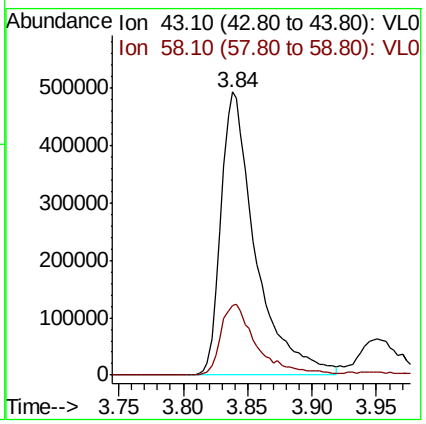


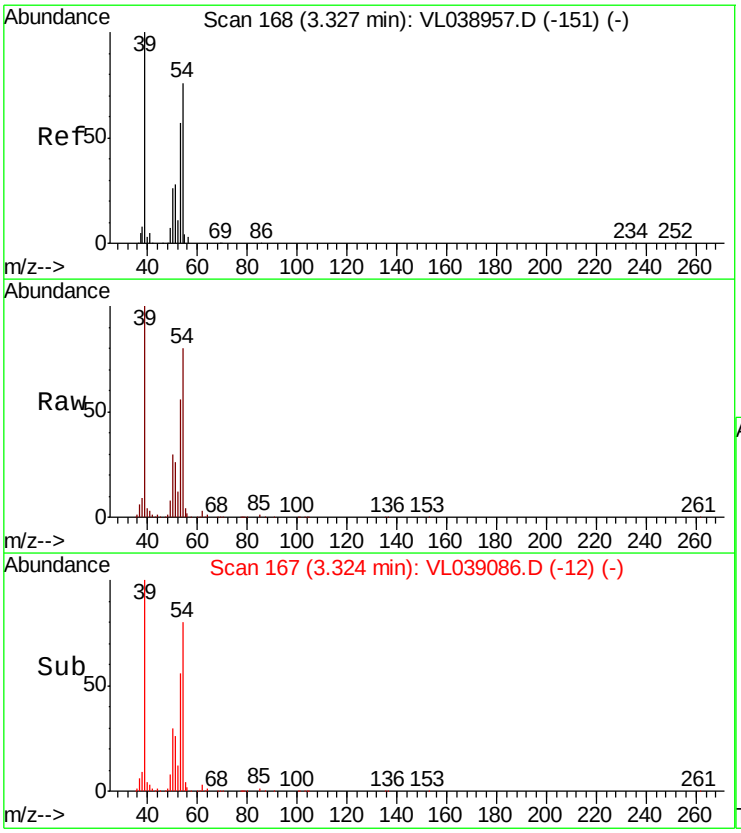
#15
Acetone
Concen: 11.046 ppbv
RT: 3.84
Delta R.T
Lab File:
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion: 43 Resp: 922451

Ion	Ratio	Lower	Upper
43	100		
58	26.0	21.3	31.9

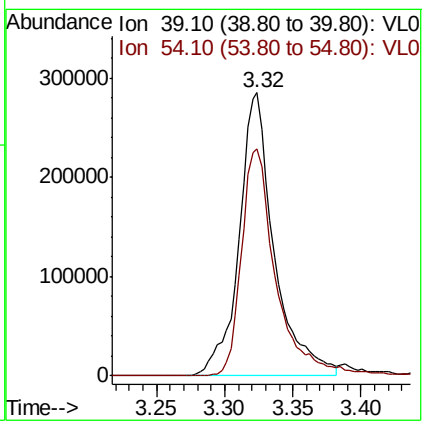


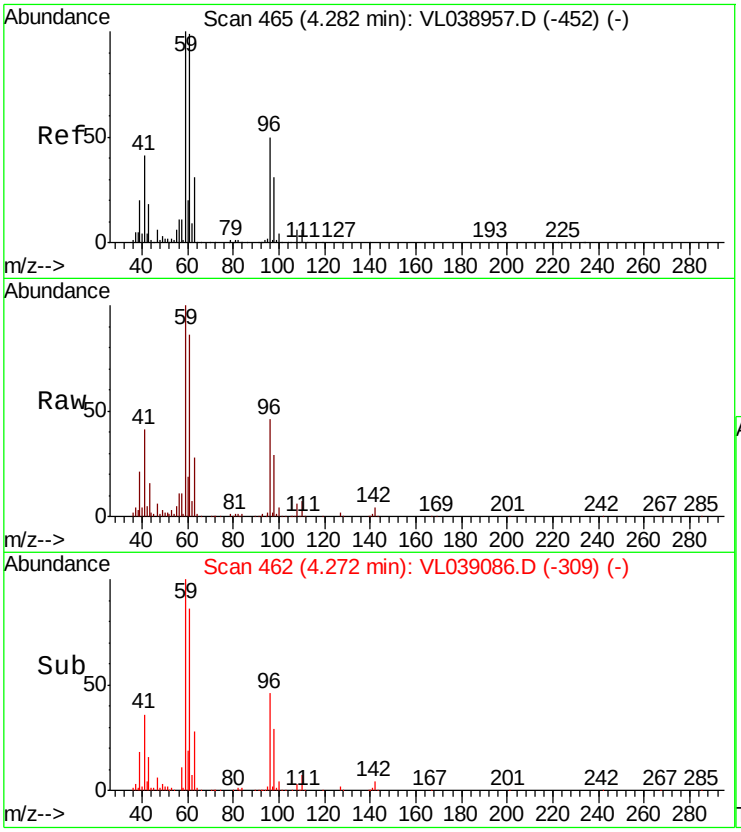


#16
1,3-Butadiene
Concen: 10.538 ppbv
RT: 3.32 min Scan# 167
Delta R.T. -0.00 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion: 39 Resp: 505637

Ion	Ratio	Lower	Upper
39	100		
54	80.2	65.2	97.8



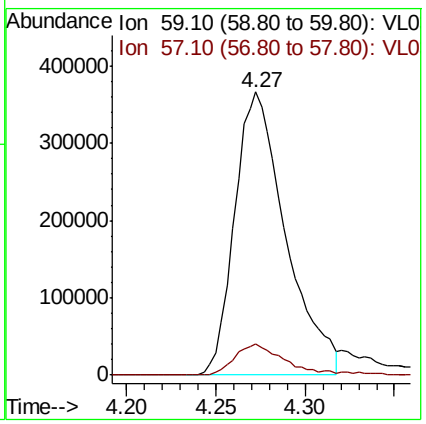


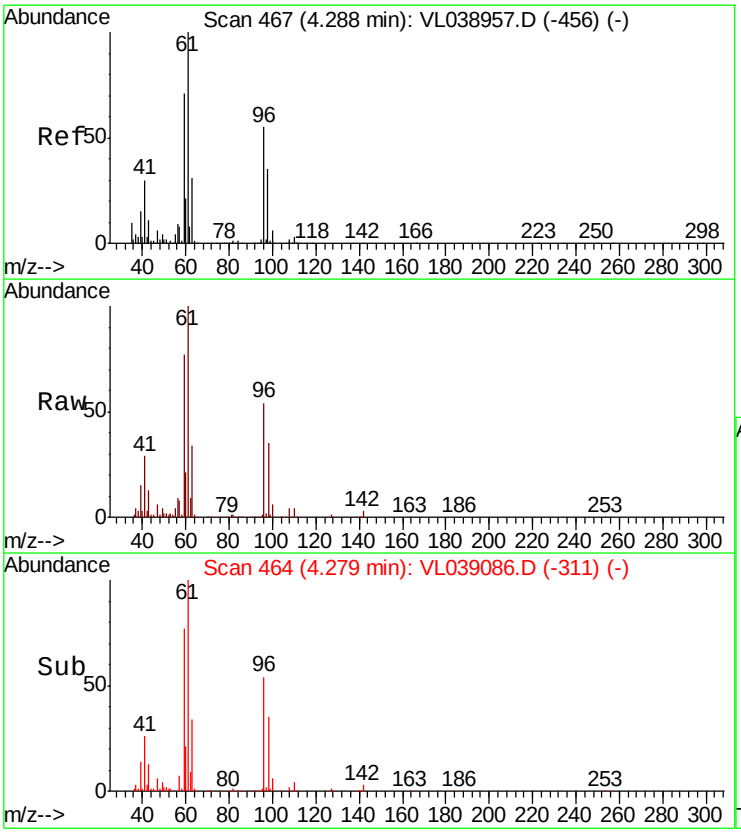
#17
tert-Butyl alcohol
Concen: 11.418 ppbv
RT: 4.27
Delta R.T
Lab File:
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion: 59 Resp: 732892

Ion	Ratio	Lower	Upper
59	100		
57	12.0	9.2	13.8

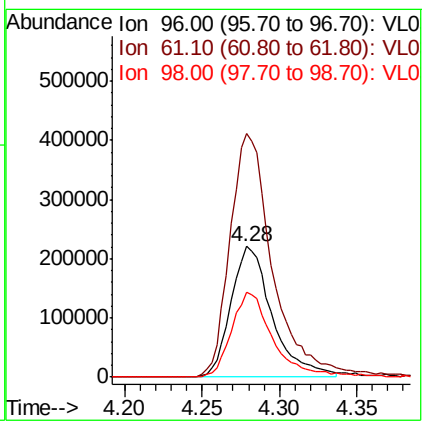


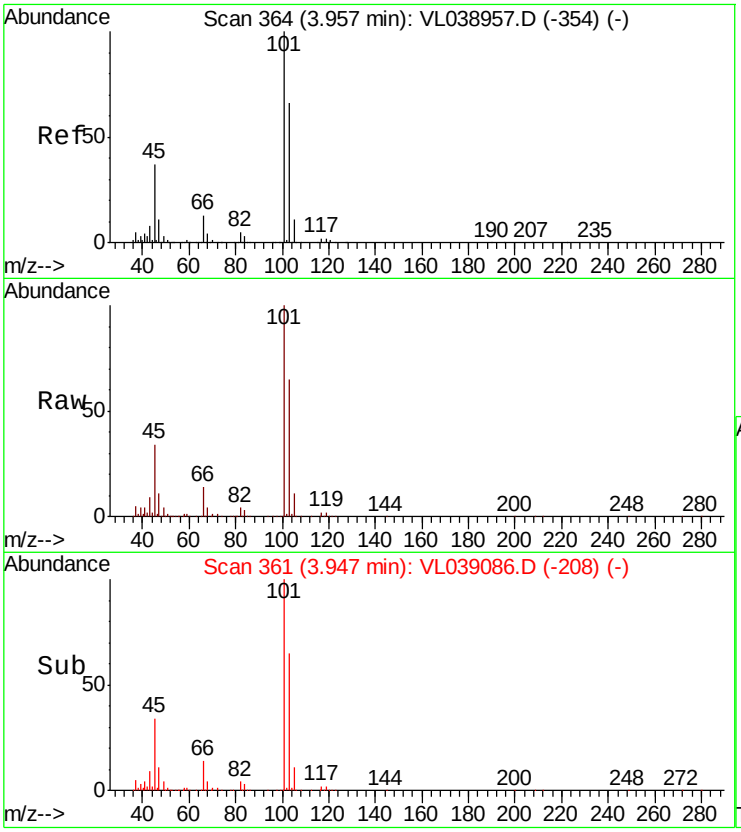


#18
1,1-Dichloroethene
Concen: 11.609 ppbv
RT: 4.28 min Scan# 464
Delta R.T. -0.01 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion: 96 Resp: 409632

Ion	Ratio	Lower	Upper
96	100		
61	186.0	146.3	219.5
98	65.1	50.6	75.8



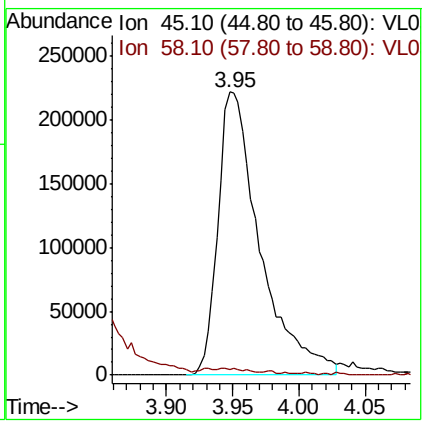


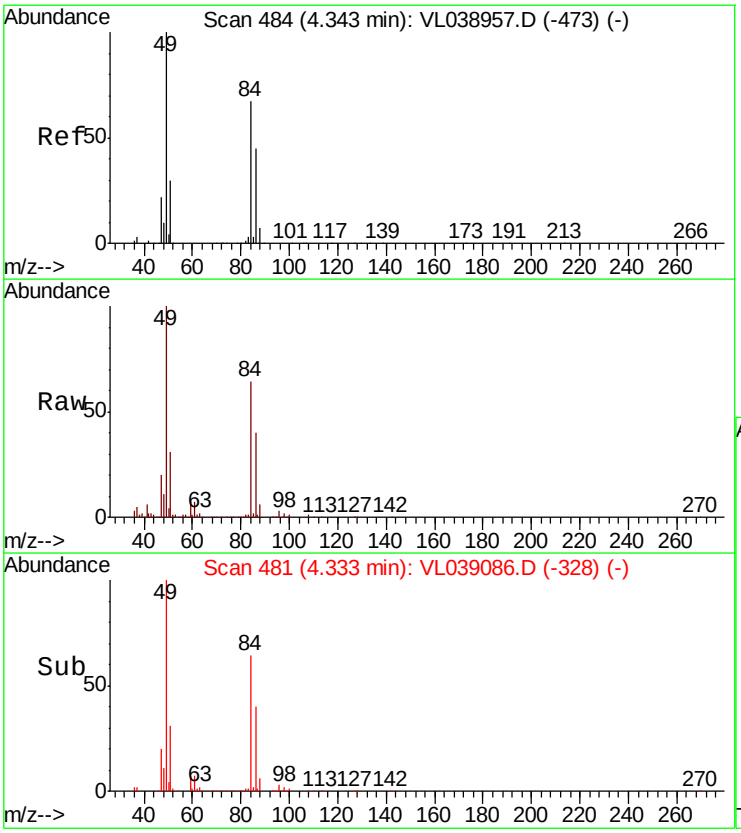
#19
Isopropyl Alcohol
Concen: 12.343 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion: 45 Resp: 490117

Ion	Ratio	Lower	Upper
45	100		
58	3.8	1.4	2.2#

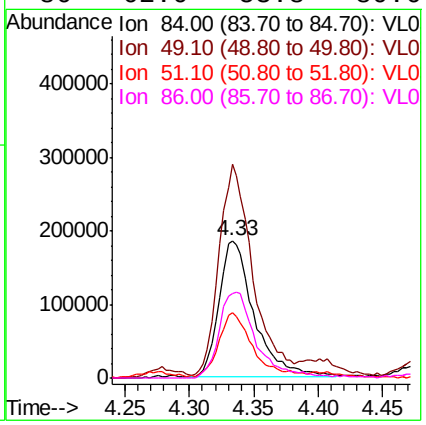


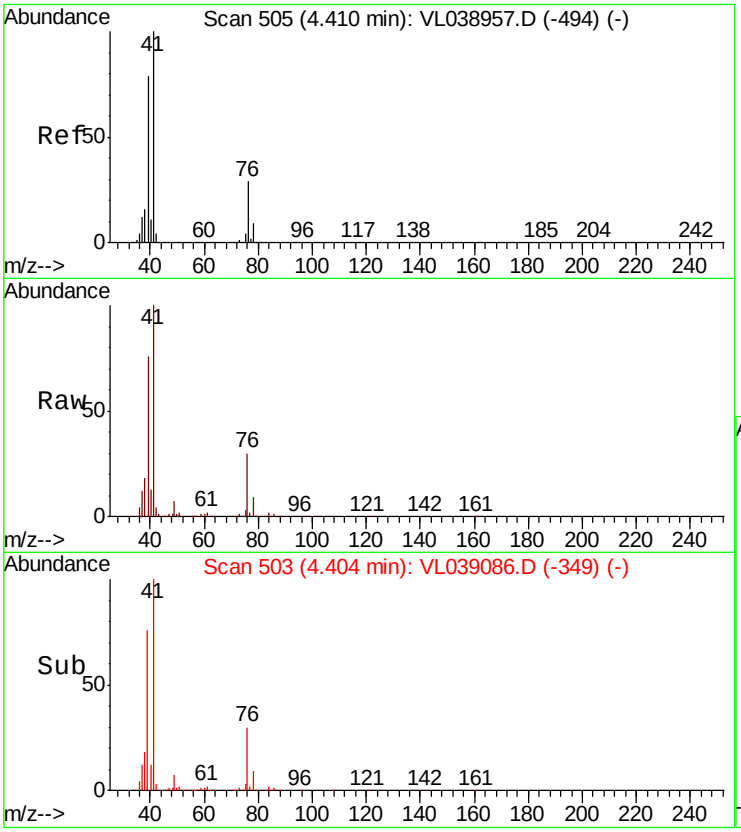


#20
Methylene Chloride
Concen: 11.117 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.01 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion: 84 Resp: 349900

Ion	Ratio	Lower	Upper
84	100		
49	153.9	119.9	179.9
51	46.7	35.7	53.5
86	62.0	53.8	80.6



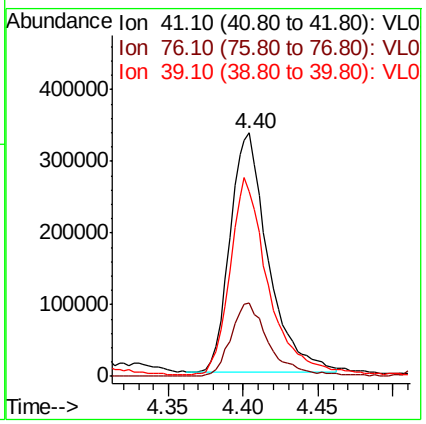


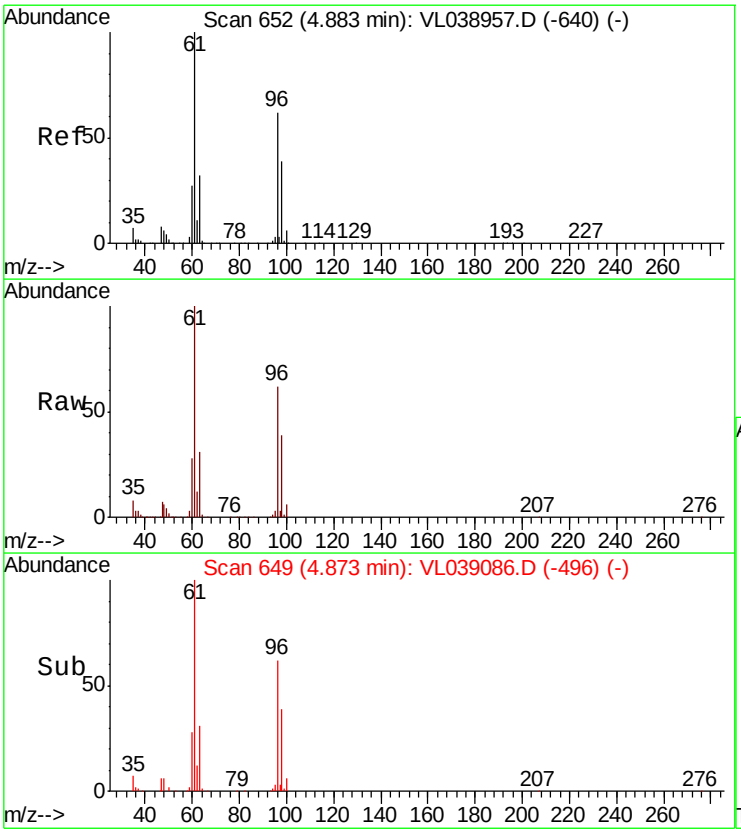
#21
Allyl Chloride
Concen: 10.472 ppbv
RT: 4.40
Delta R.T
Lab File:
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion: 41 Resp: 595905

Ion	Ratio	Lower	Upper
41	100		
76	31.0	24.2	36.4
39	83.4	63.8	95.8

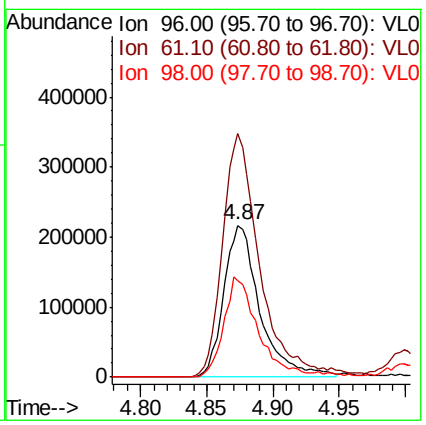


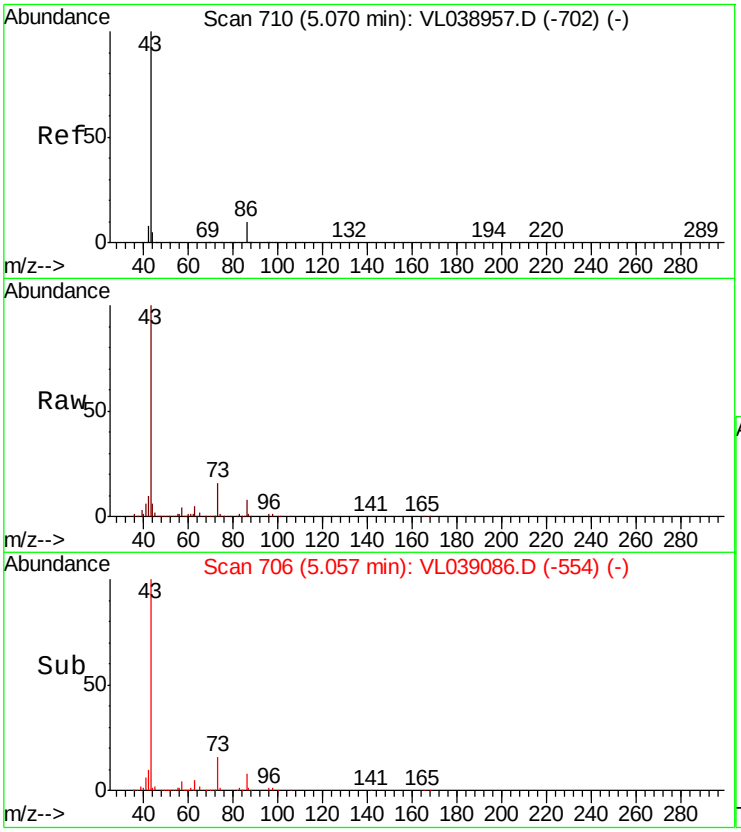


#22
trans-1,2-Dichloroethene
Concen: 10.782 ppbv
RT: 4.87 min Scan# 649
Delta R.T. -0.01 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion: 96 Resp: 410961

Ion	Ratio	Lower	Upper
96	100		
61	160.6	128.2	192.2
98	63.2	50.1	75.1



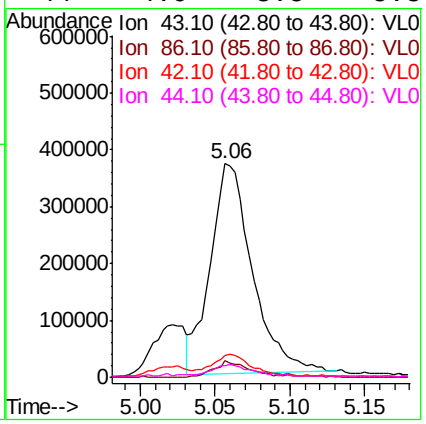


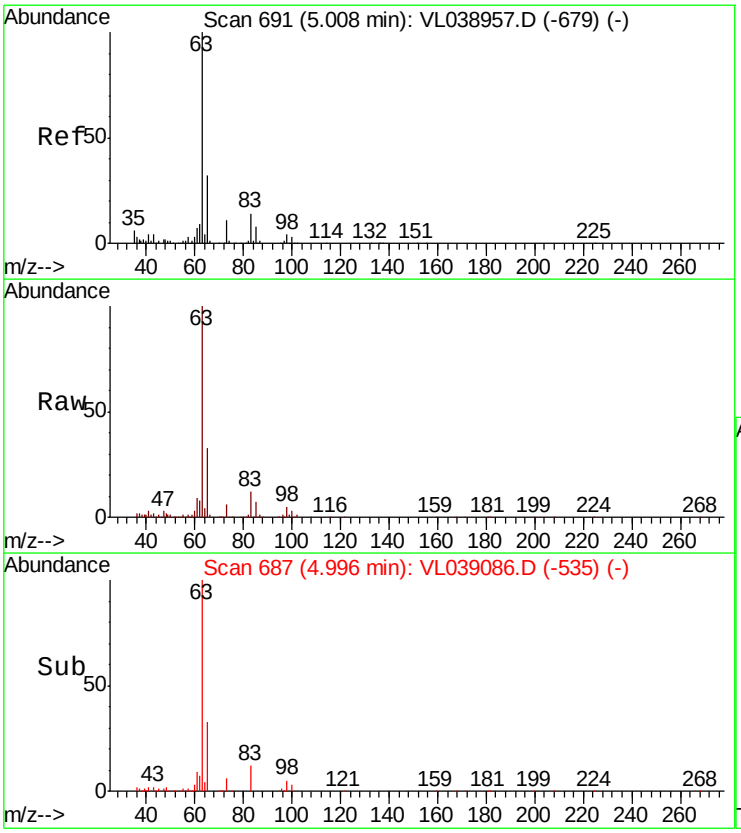
#23
Vinyl Acetate
Concen: 11.075 ppbv
RT: 5.06
Delta R.T
Lab File:
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion: 43 Resp: 731818

Ion	Ratio	Lower	Upper
43	100		
86	7.7	6.6	9.8
42	10.3	8.1	12.1
44	4.9	3.5	5.3

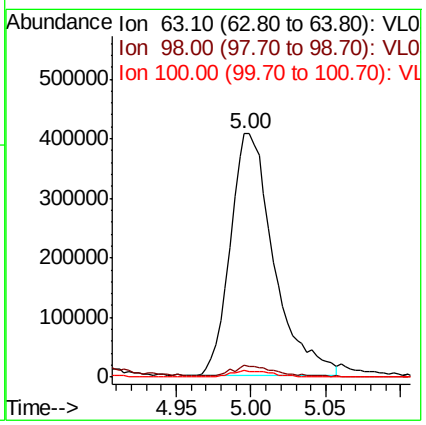


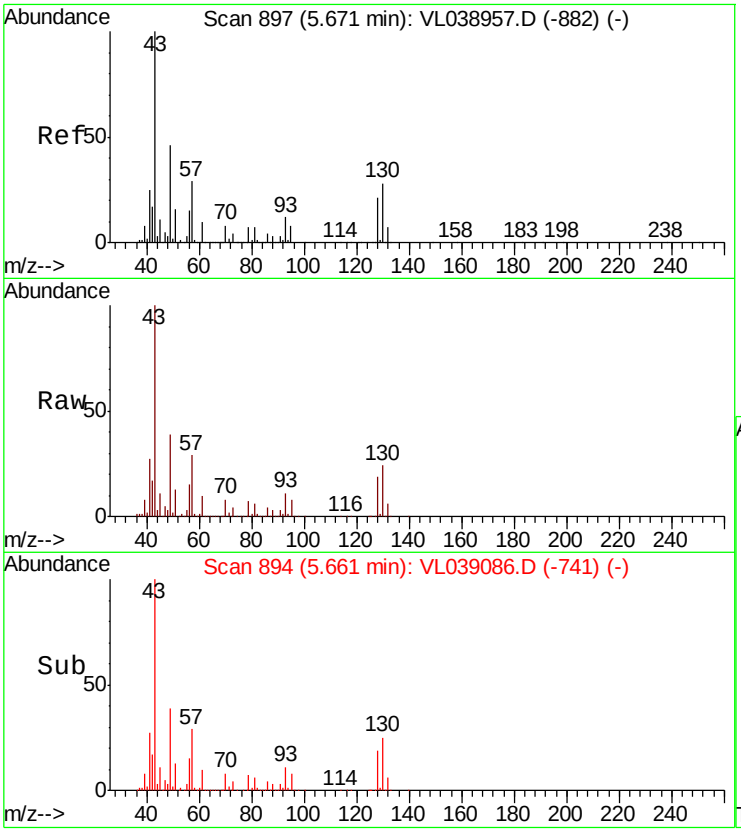


#24
1,1-Dichloroethane
Concen: 10.865 ppbv
RT: 5.00 min Scan# 687
Delta R.T. -0.01 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion: 63 Resp: 826693

Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.1	6.2
100	2.4	1.4	4.2



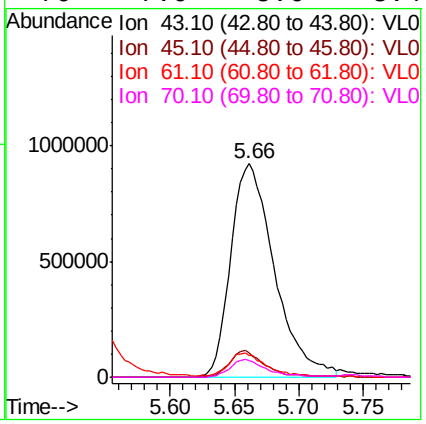


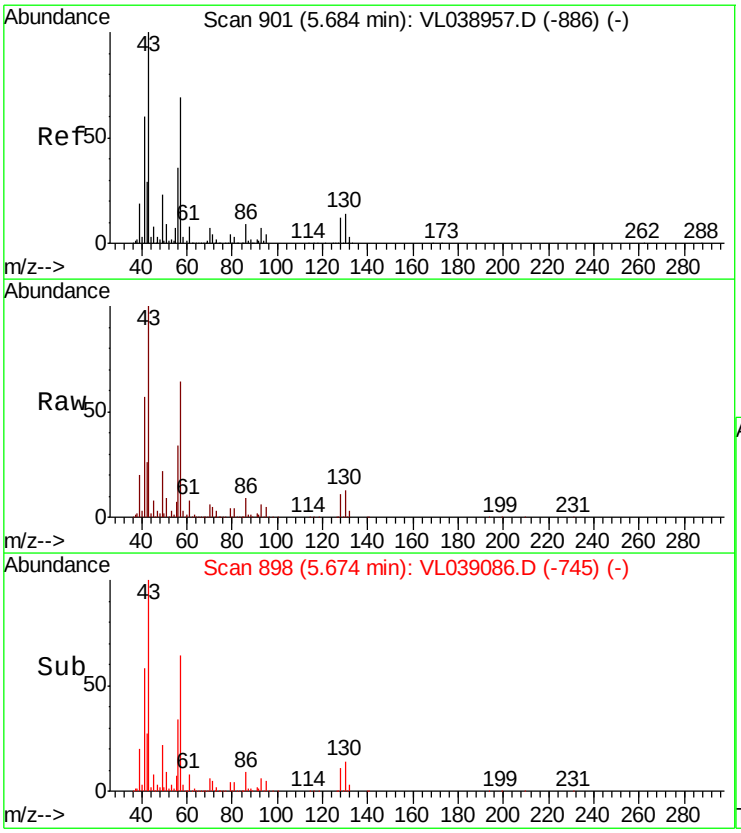
#25
Ethyl Acetate
Concen: 10.867 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion: 43 Resp: 2172154

Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.1	12.1
61	10.1	7.8	11.6
70	7.0	5.6	8.4

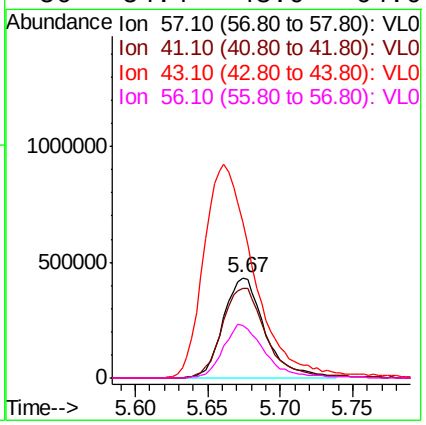


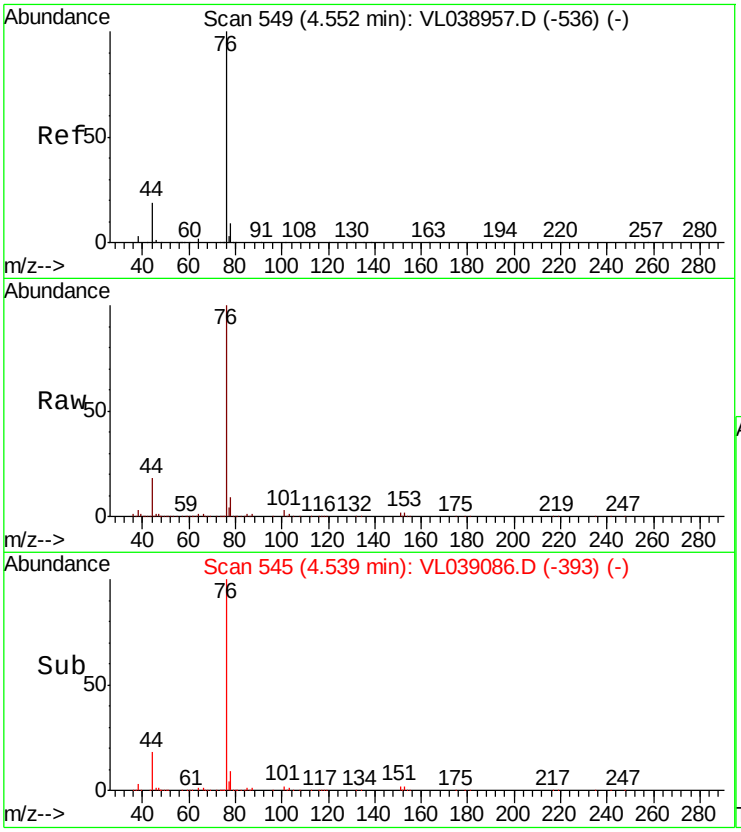


#26
Hexane
Concen: 9.629 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.01 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion: 57 Resp: 855132

Ion	Ratio	Lower	Upper
57	100		
41	97.7	75.2	112.8
43	259.8	190.8	286.2
56	54.4	43.0	64.6



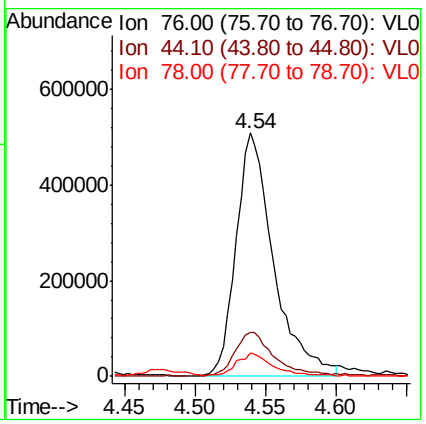


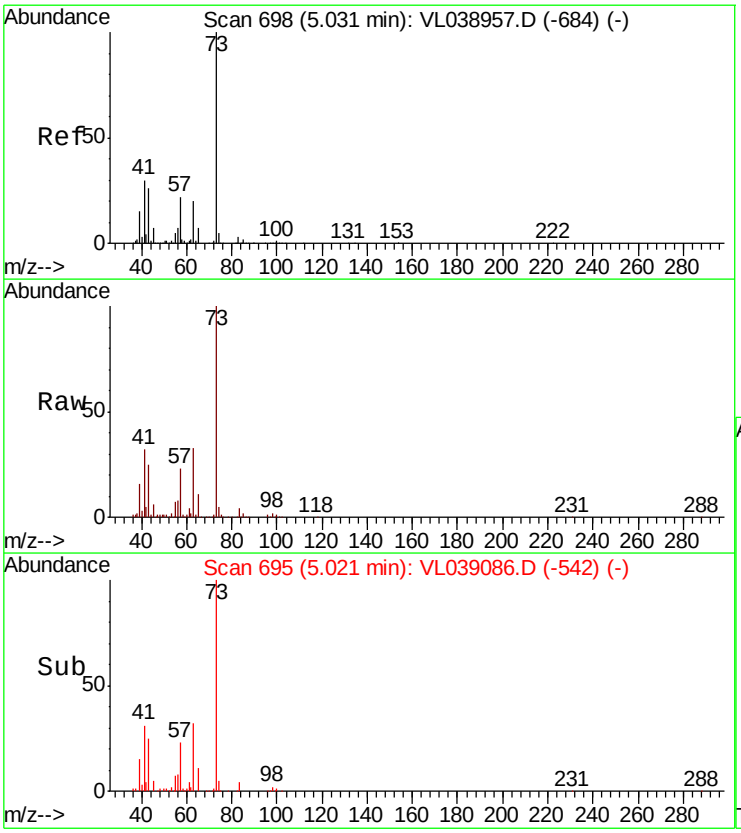
#27
Carbon Disulfide
Concen: 11.223 ppbv
RT: 4.54
Delta R.T
Lab File:
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion: 76 Resp: 946872

Ion	Ratio	Lower	Upper
76	100		
44	18.8	15.3	22.9
78	10.1	8.2	12.2

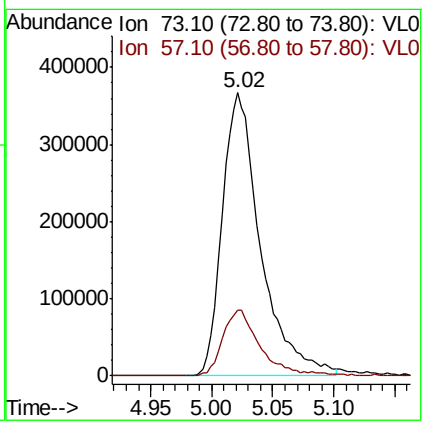


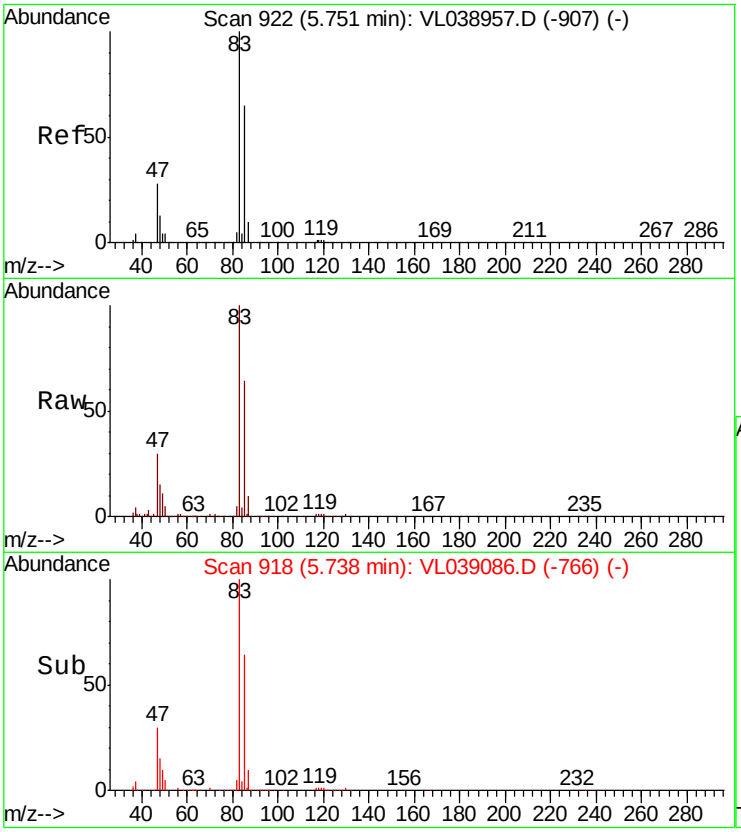


#28
Methyl tert-Butyl Ether
Concen: 11.935 ppbv
RT: 5.02 min Scan# 695
Delta R.T. -0.01 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion: 73 Resp: 806433

Ion	Ratio	Lower	Upper
73	100		
57	23.2	18.8	28.2



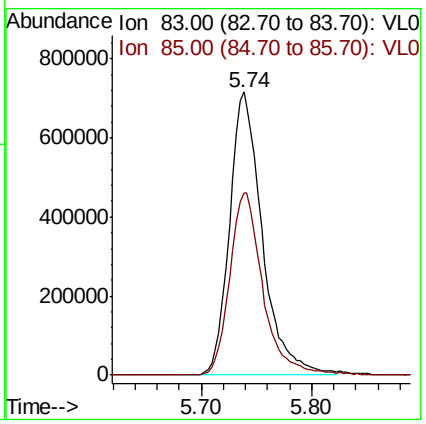


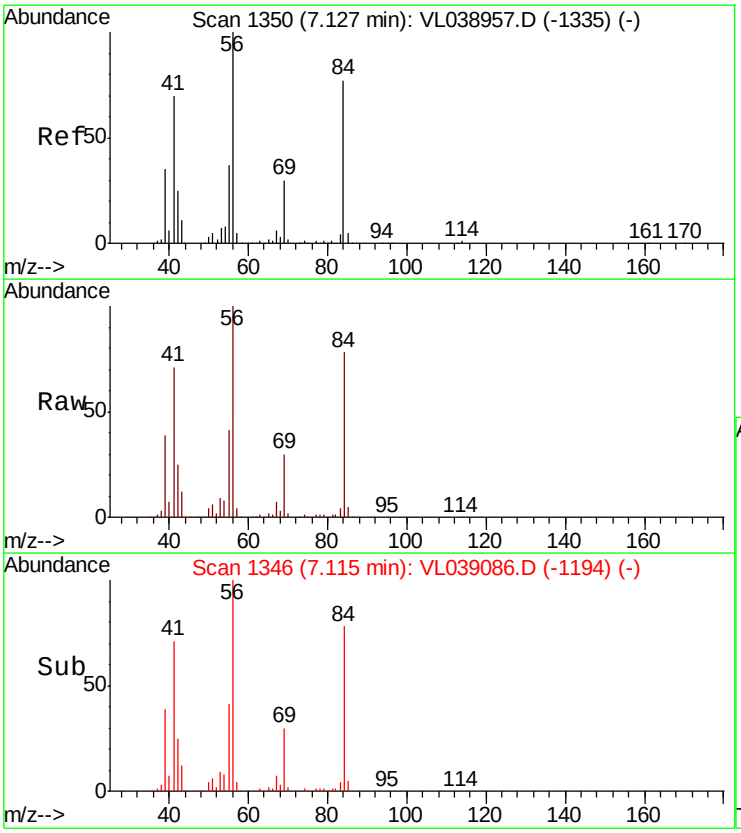
#29
Chloroform
Concen: 10.253 ppbv
RT: 5.74
Delta R.T
Lab File:
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion: 83 Resp: 1473173

Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.8	77.6

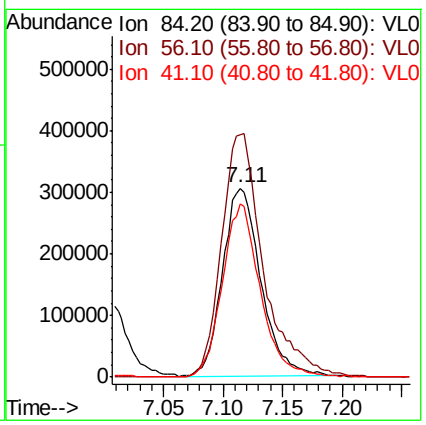


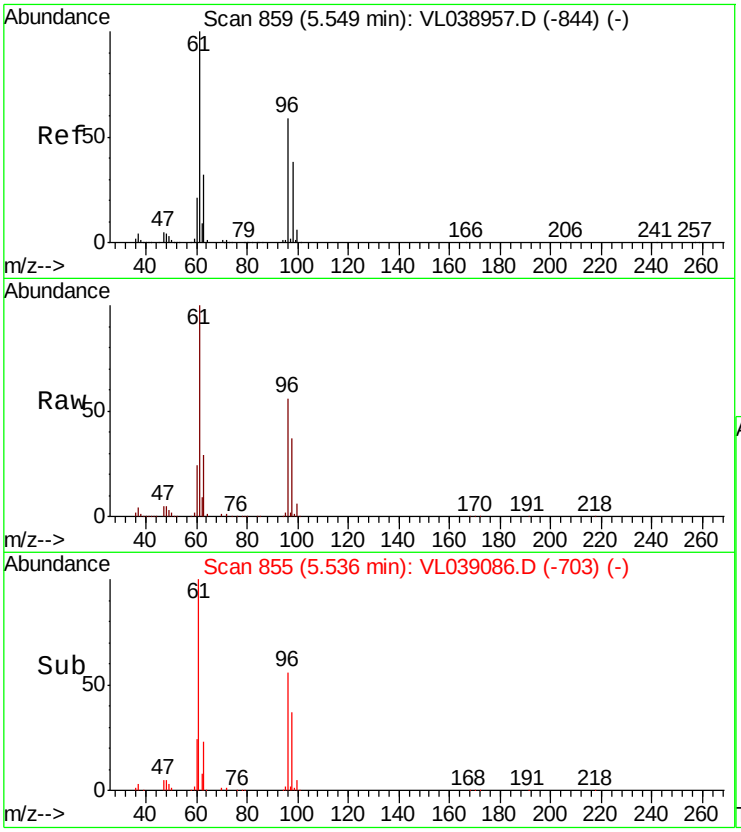


#30
Cyclohexane
Concen: 9.165 ppbv
RT: 7.11 min Scan# 1346
Delta R.T. -0.01 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion: 84 Resp: 681519

Ion	Ratio	Lower	Upper
84	100		
56	141.7	115.3	172.9
41	91.4	72.0	108.0



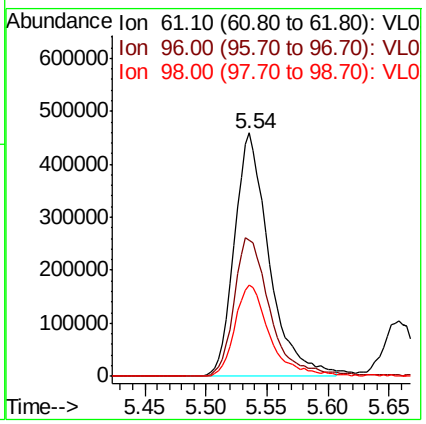


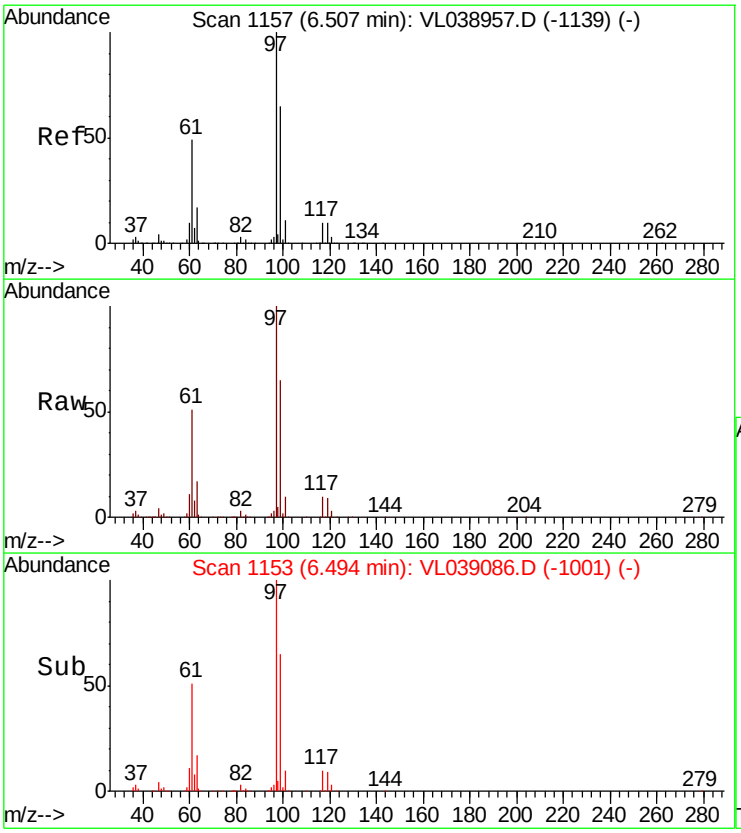
#31
cis-1,2-Dichloroethene
Concen: 10.002 ppbv
RT: 5.54
Delta R.T
Lab File:
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion: 61 Resp: 904984

Ion	Ratio	Lower	Upper
61	100		
96	55.8	47.4	71.0
98	37.3	30.6	45.8

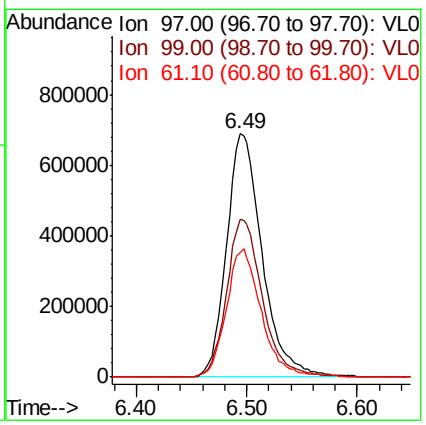


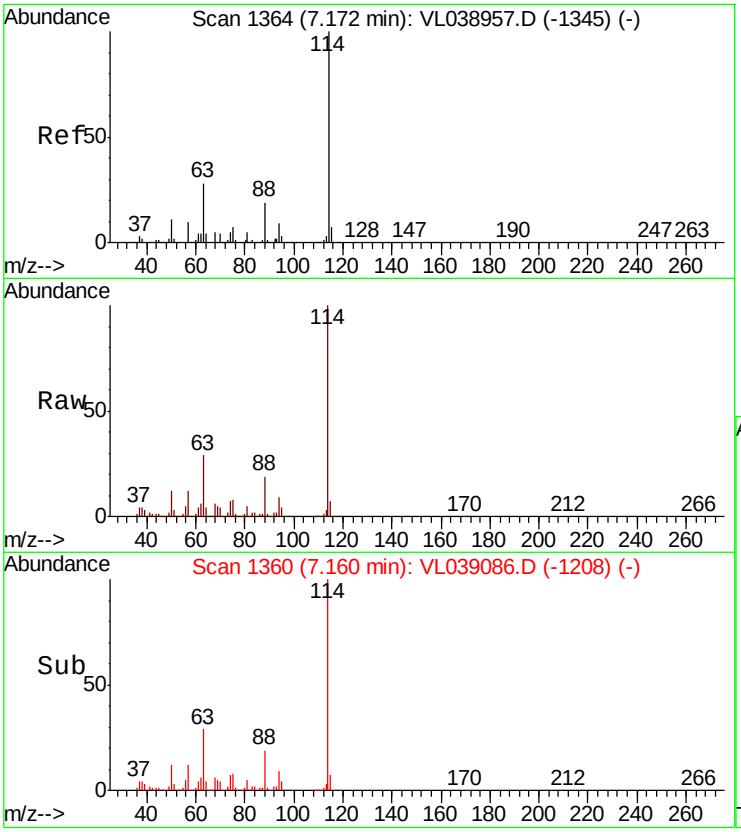


#32
1,1,1-Trichloroethane
Concen: 10.726 ppbv
RT: 6.49 min Scan# 1153
Delta R.T. -0.01 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion: 97 Resp: 1541036

Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.9	77.9
61	52.1	40.9	61.3



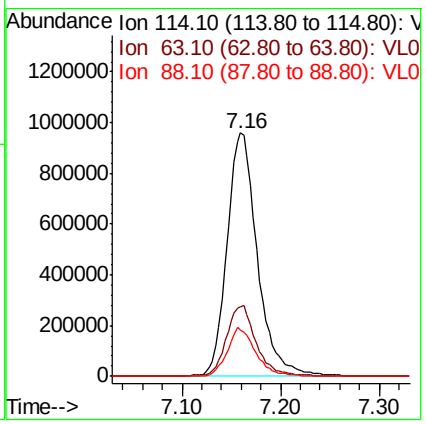


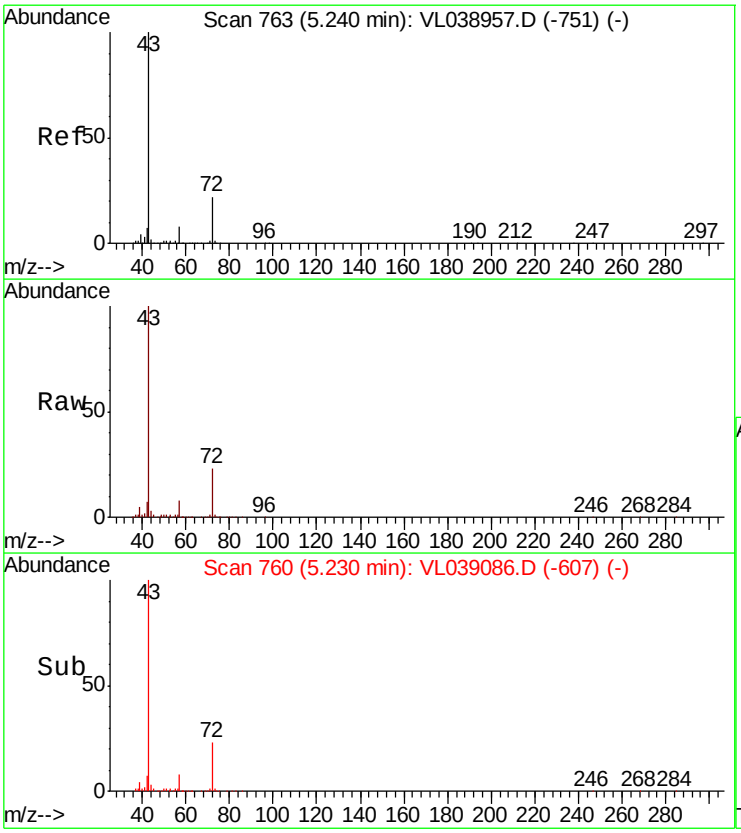
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16
Delta R.T
Lab File:
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion:114 Resp: 2054248

Ion	Ratio	Lower	Upper
114	100		
63	29.2	22.6	33.8
88	18.9	15.4	23.0

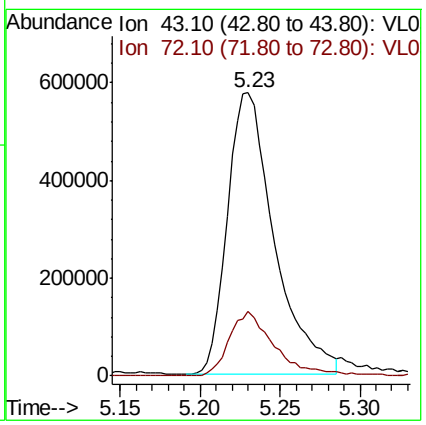


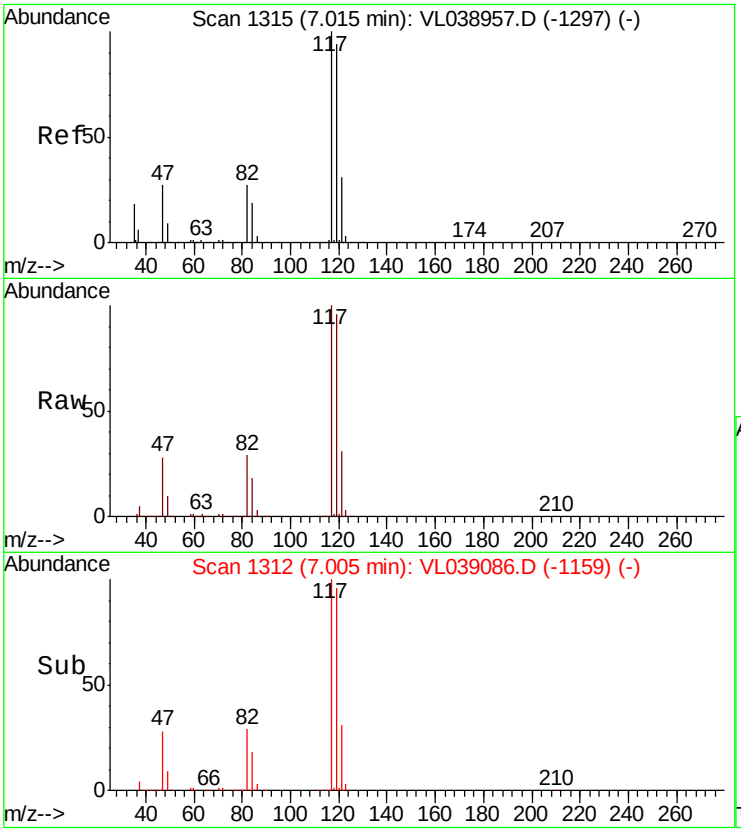


#34
2-Butanone
Concen: 11.067 ppbv
RT: 5.23 min Scan# 760
Delta R.T. -0.01 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion: 43 Resp: 1159840

Ion	Ratio	Lower	Upper
43	100		
72	22.7	17.8	26.6



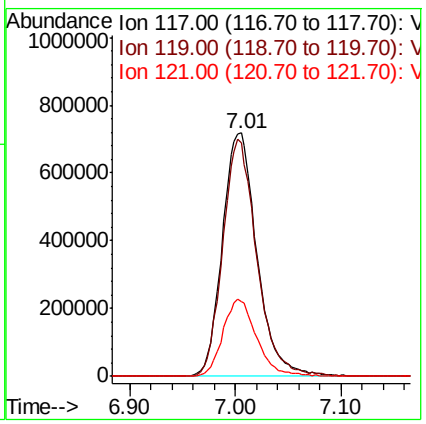


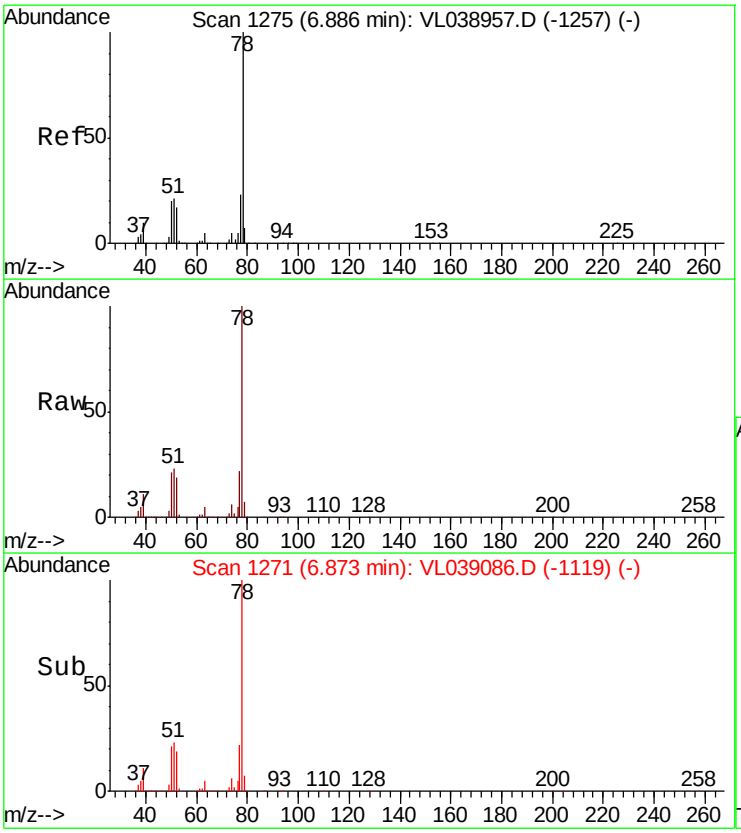
#35
Carbon Tetrachloride
Concen: 12.029 ppbv
RT: 7.01
Delta R.T
Lab File:
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion:117 Resp: 1628202

Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.2	112.8
121	30.6	24.6	37.0

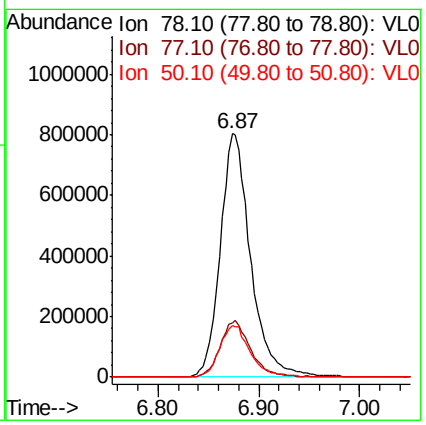


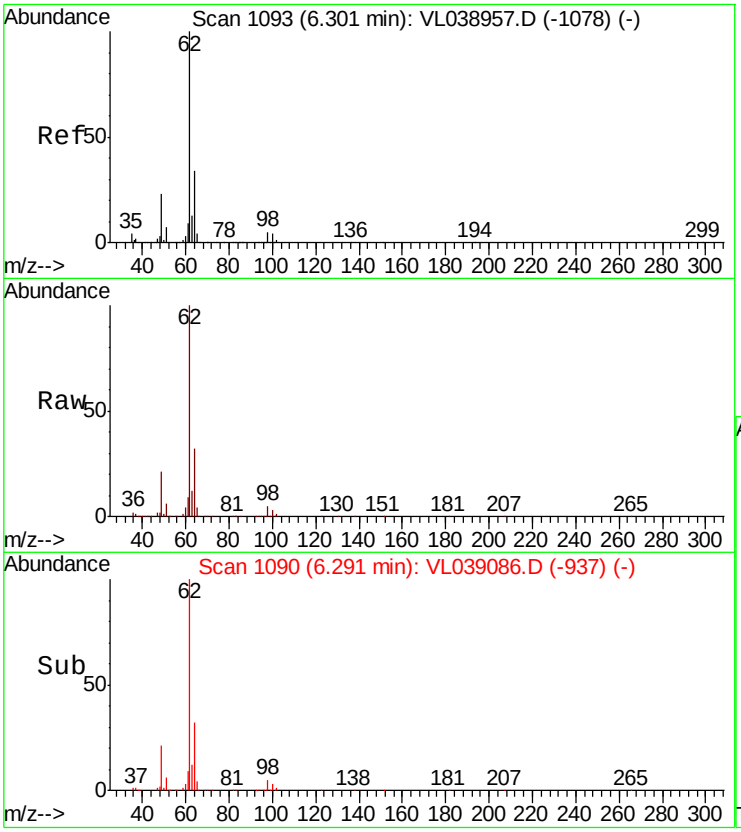


#36
Benzene
Concen: 9.577 ppbv
RT: 6.87 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion: 78 Resp: 1683578

Ion	Ratio	Lower	Upper
78	100		
77	22.1	18.6	28.0
50	21.4	15.6	23.4



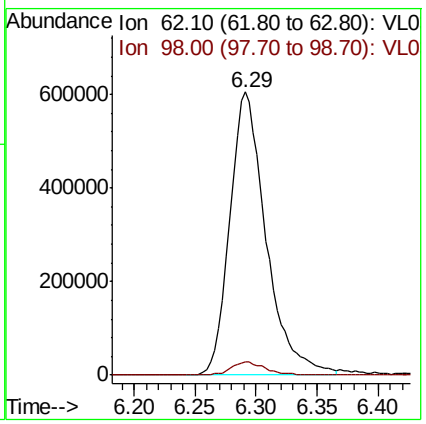


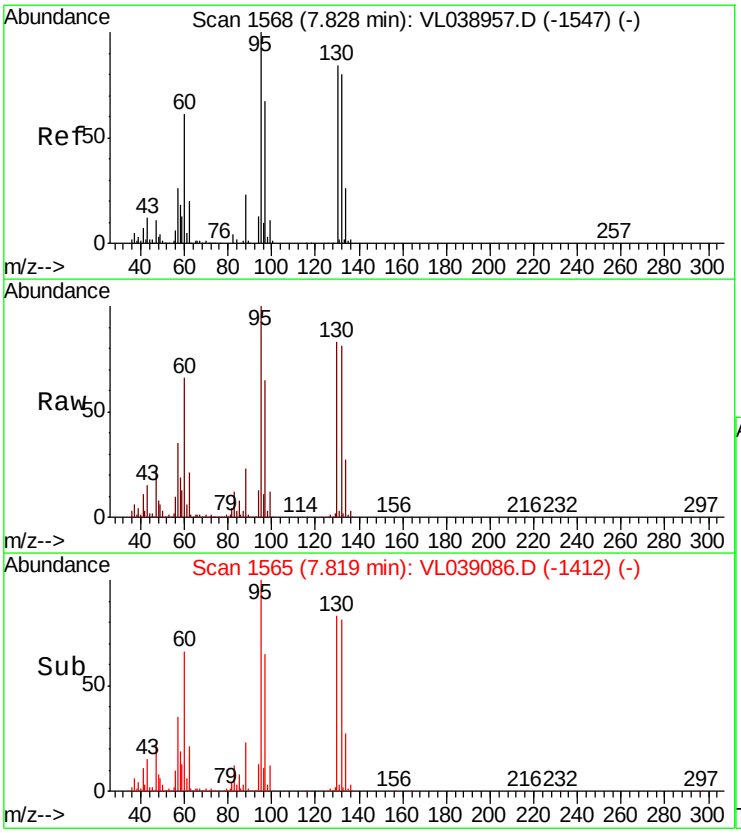
#37
1,2-Dichloroethane
Concen: 11.477 ppbv
RT: 6.29
Delta R.T
Lab File:
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion: 62 Resp: 1248349

Ion	Ratio	Lower	Upper
62	100		
98	4.6	4.5	6.7

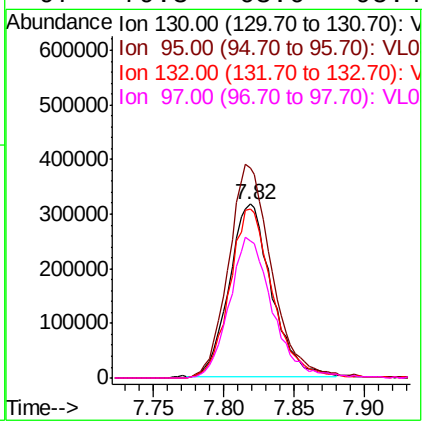


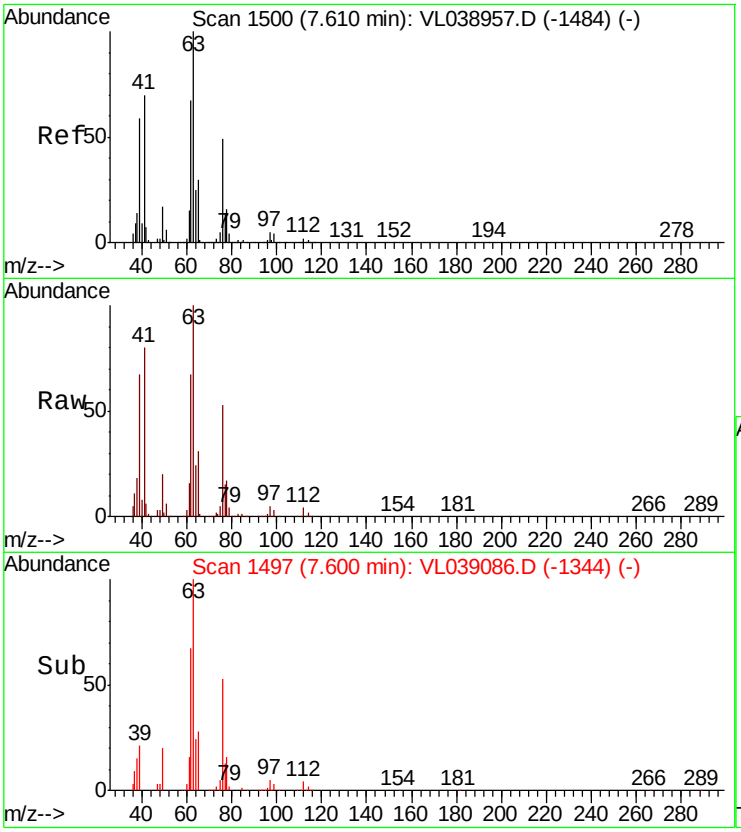


#38
Trichloroethene
Concen: 8.430 ppbv
RT: 7.82 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion:130 Resp: 658841

Ion	Ratio	Lower	Upper
130	100		
95	121.5	94.8	142.2
132	98.0	75.8	113.8
97	79.3	63.6	95.4



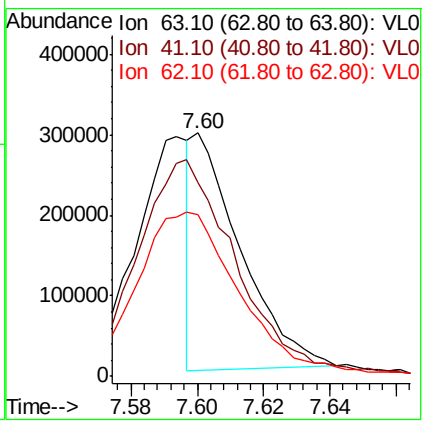


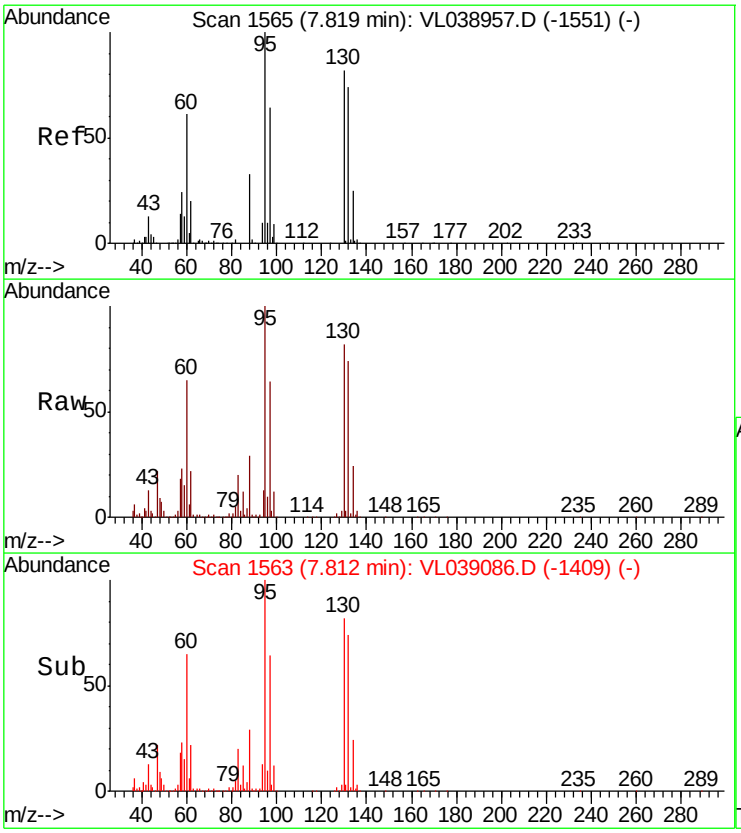
#39
1,2-Dichloropropane
Concen: 4.273 ppbv
RT: 7.60
Delta R.T
Lab File:
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion: 63 Resp: 292297

Ion	Ratio	Lower	Upper
63	100		
41	79.0	55.9	83.9
62	65.3	53.8	80.6

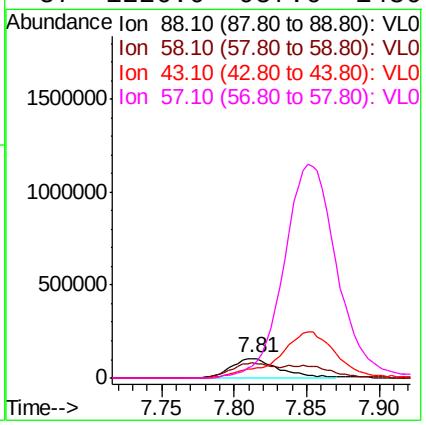


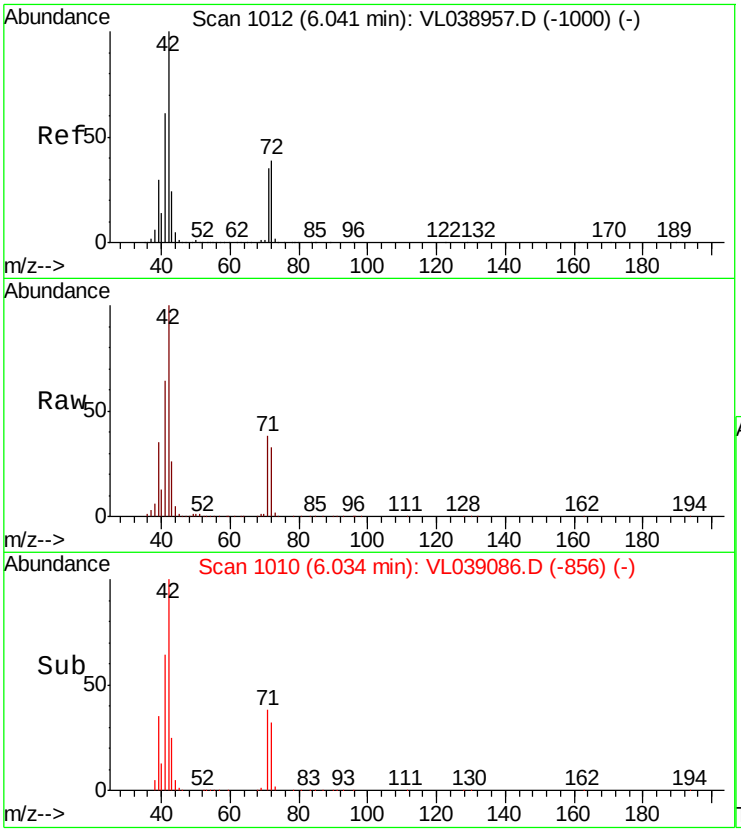


#40
1,4-Dioxane
Concen: 9.780 ppbv
RT: 7.81 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion: 88 Resp: 240273

Ion	Ratio	Lower	Upper
88	100		
58	133.6	106.1	159.1
43	291.4	222.9	334.3
57	1226.0	957.6	1436.4



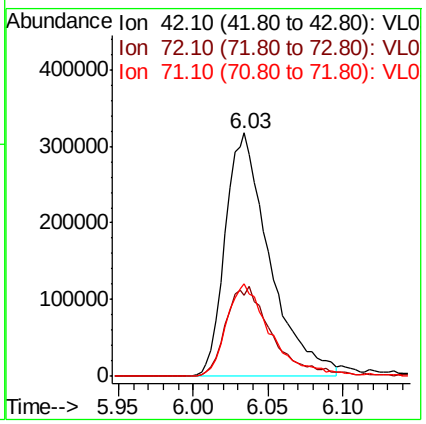


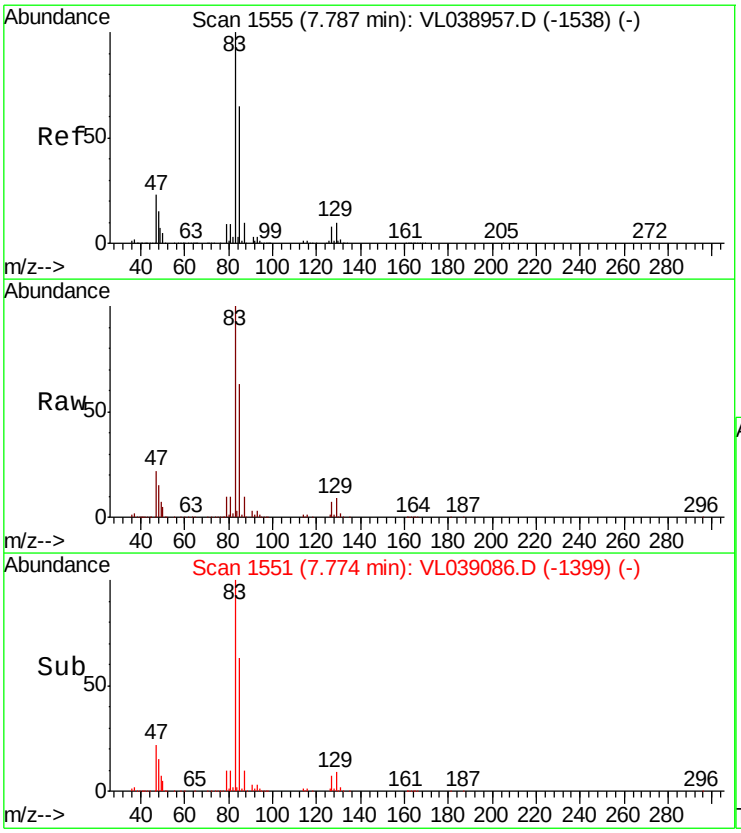
#41
Tetrahydrofuran
Concen: 9.319 ppbv
RT: 6.03
Delta R.T
Lab File:
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion: 42 Resp: 656370

Ion	Ratio	Lower	Upper
42	100		
72	39.0	31.8	47.6
71	38.9	30.6	45.8

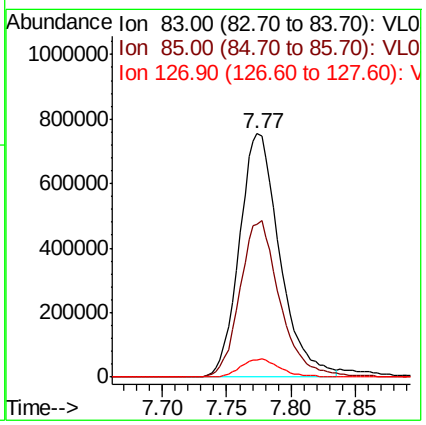


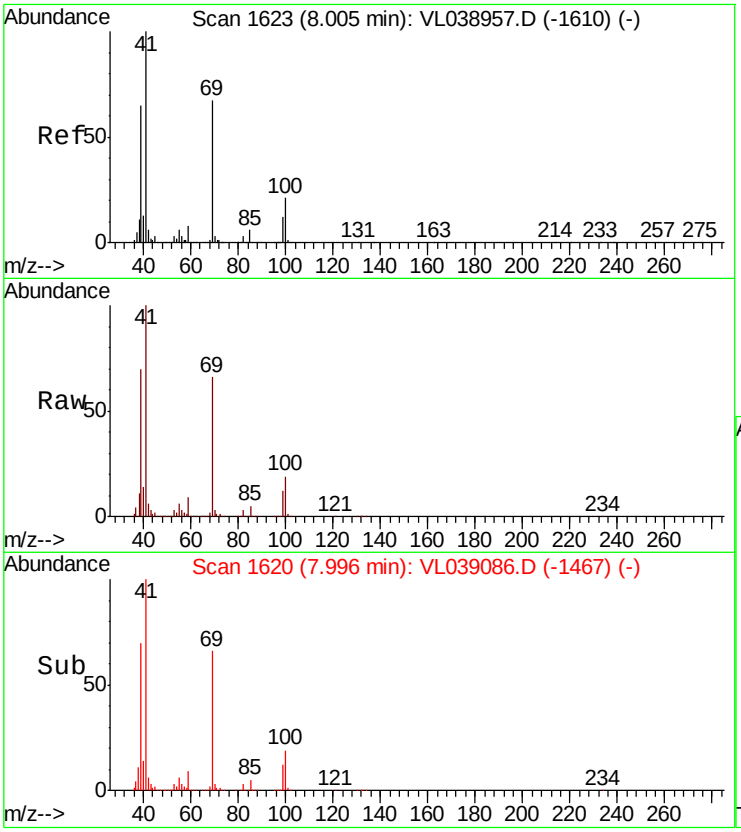


#42
Bromodichloromethane
Concen: 11.070 ppbv
RT: 7.77 min Scan# 1551
Delta R.T. -0.01 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion: 83 Resp: 1646215

Ion	Ratio	Lower	Upper
83	100		
85	62.7	52.0	78.0
127	7.2	6.0	9.0



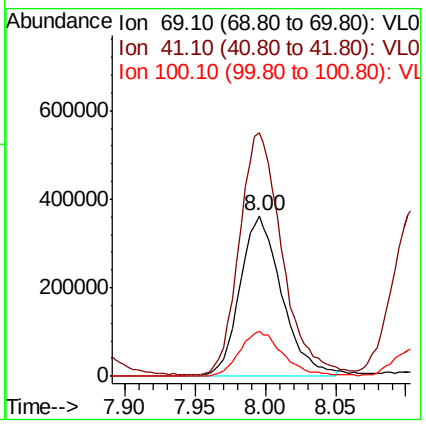


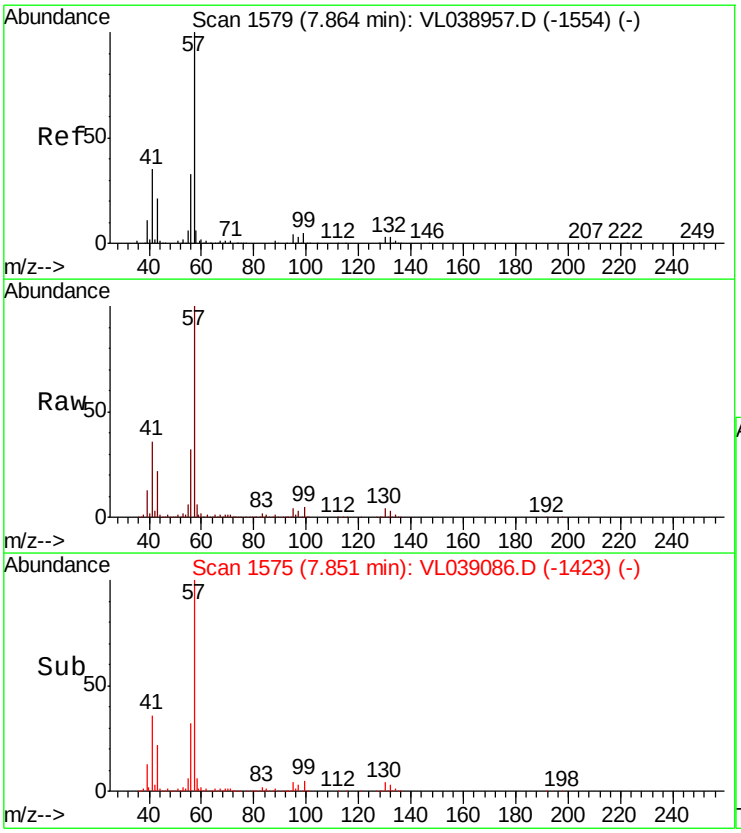
#43
Methyl Methacrylate
Concen: 10.560 ppbv
RT: 8.00
Delta R.T
Lab File:
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion: 69 Resp: 753652

Ion	Ratio	Lower	Upper
69	100		
41	155.7	121.9	182.9
100	29.1	24.6	36.8

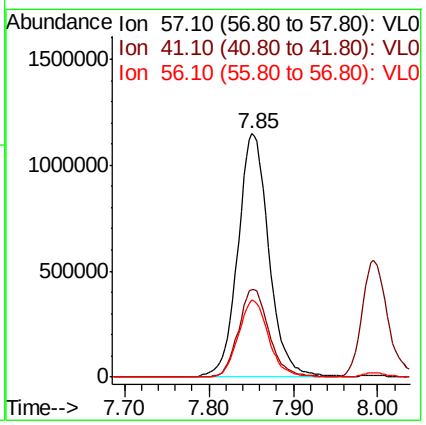


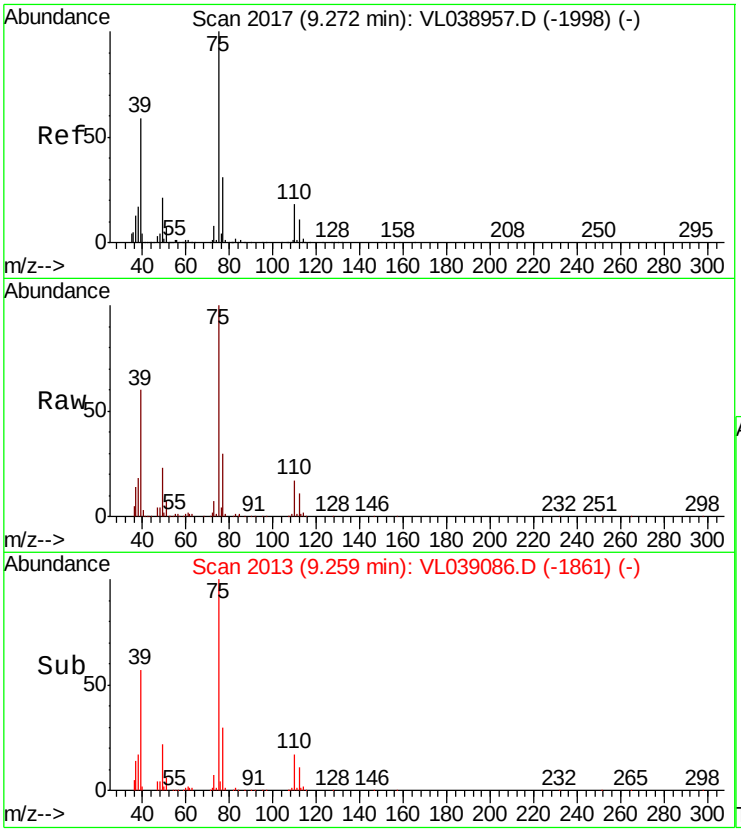


#44
2,2,4-Trimethylpentane
Concen: 9.540 ppbv
RT: 7.85 min Scan# 1575
Delta R.T. -0.01 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion: 57 Resp: 2942841

Ion	Ratio	Lower	Upper
57	100		
41	35.6	26.3	39.5
56	30.9	24.6	37.0



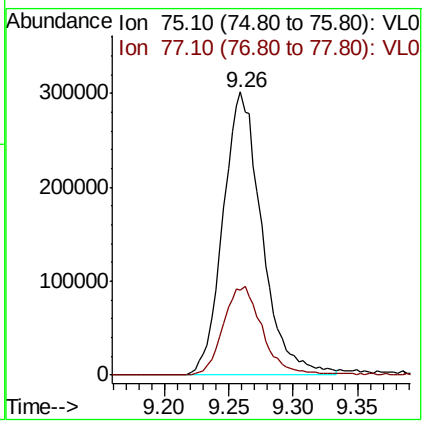


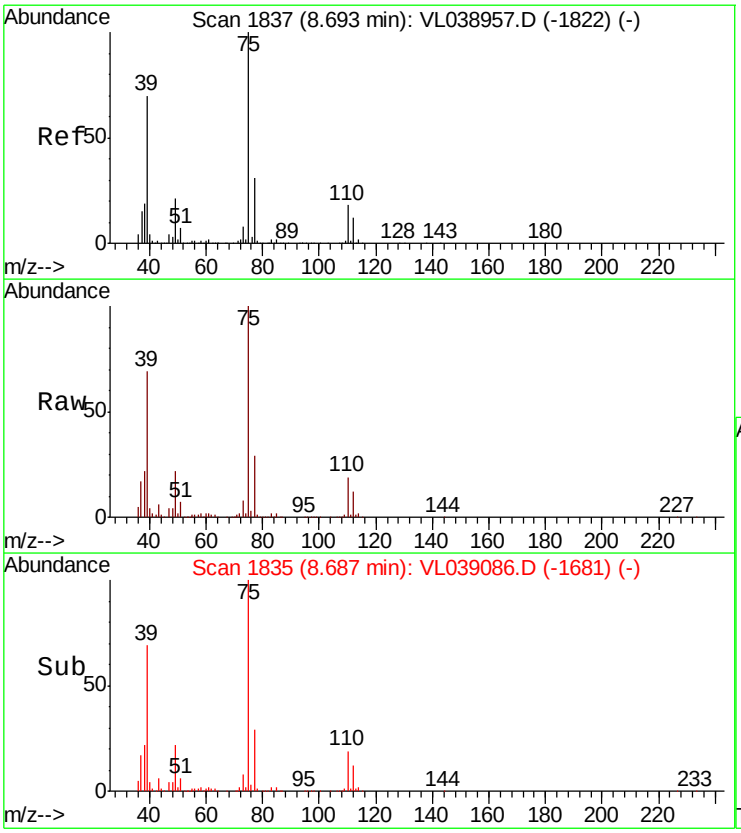
#45
t-1,3-Dichloropropene
Concen: 9.146 ppbv
RT: 9.26
Delta R.T
Lab File:
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion: 75 Resp: 631858

Ion	Ratio	Lower	Upper
75	100		
77	30.3	24.6	37.0

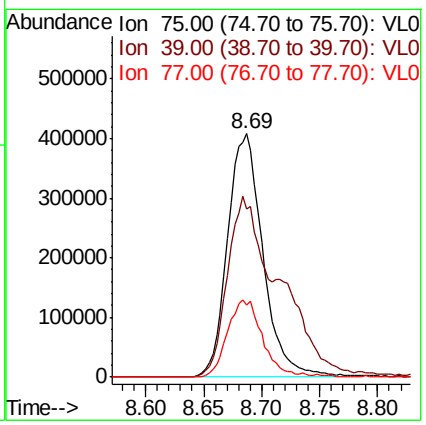


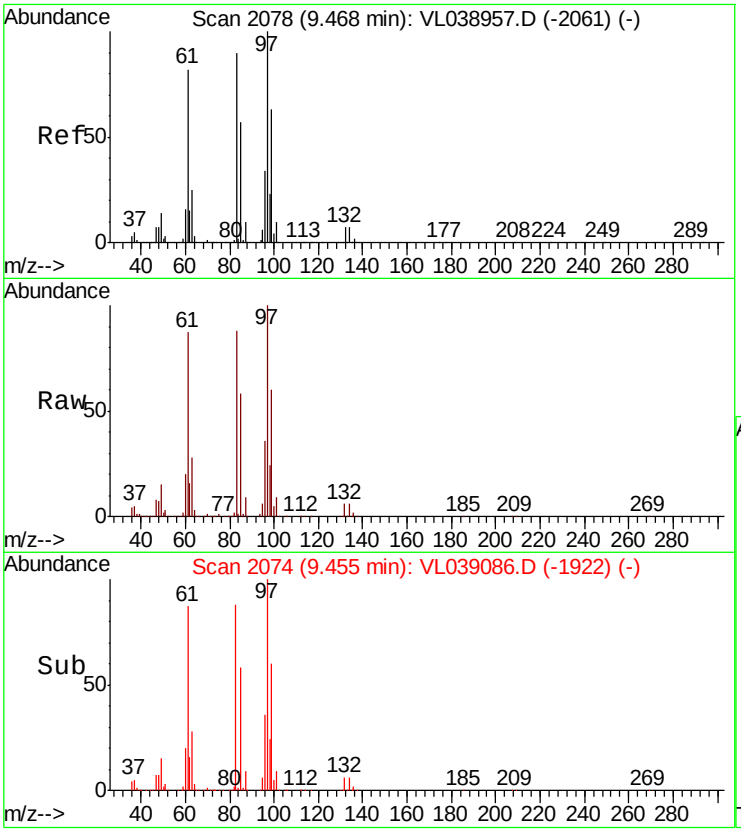


#46
cis-1,3-Dichloropropene
Concen: 9.390 ppbv
RT: 8.69 min Scan# 1835
Delta R.T. -0.01 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion: 75 Resp: 860248

Ion	Ratio	Lower	Upper
75	100		
39	69.0	55.8	83.6
77	29.5	24.8	37.2



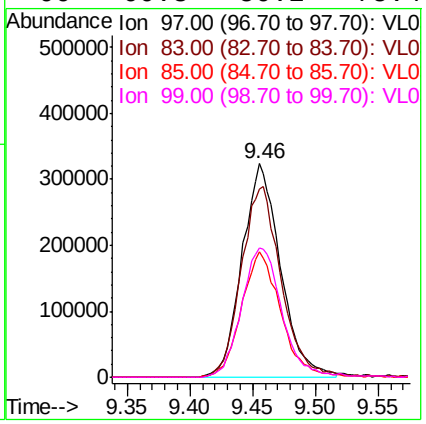


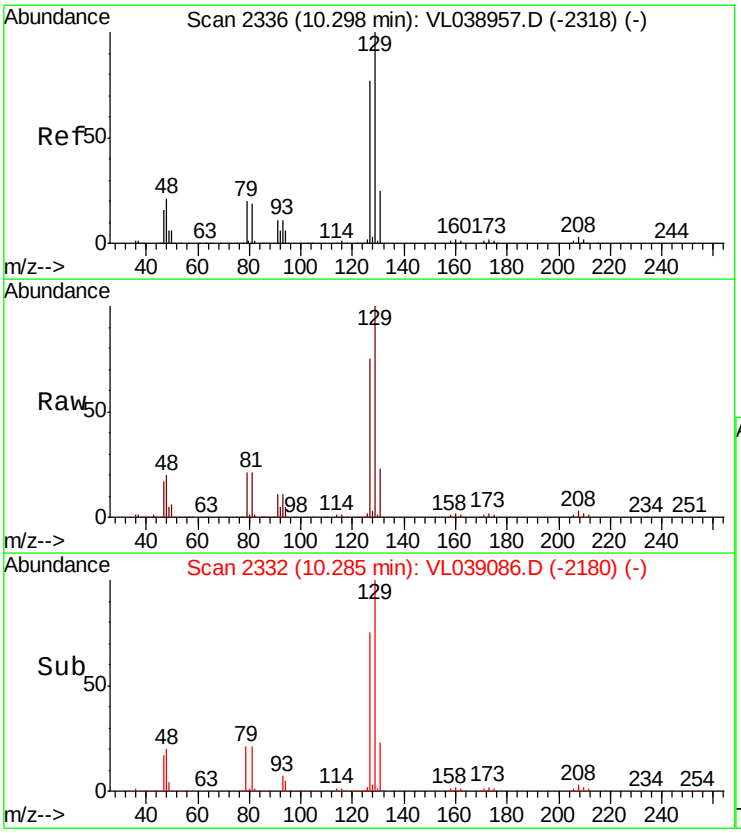
#47
1,1,2-Trichloroethane
Concen: 9.690 ppbv
RT: 9.46
Delta R.T
Lab File:
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion: 97 Resp: 689392

Ion	Ratio	Lower	Upper
97	100		
83	88.3	72.0	108.0
85	58.4	45.7	68.5
99	60.3	50.2	75.4

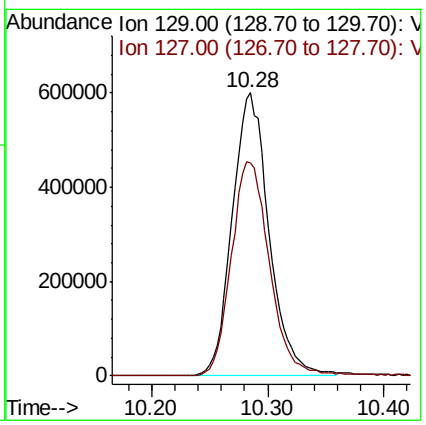


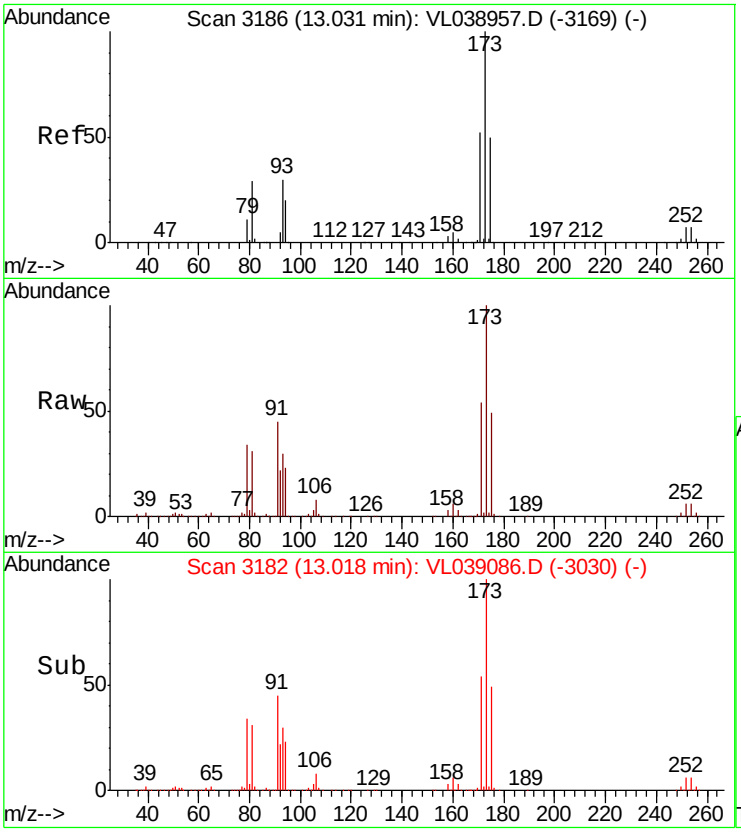


#48
Dibromochloromethane
Concen: 11.463 ppbv
RT: 10.28 min Scan# 2332
Delta R.T. -0.01 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion:129 Resp: 1327348

Ion	Ratio	Lower	Upper
129	100		
127	79.0	39.3	117.9



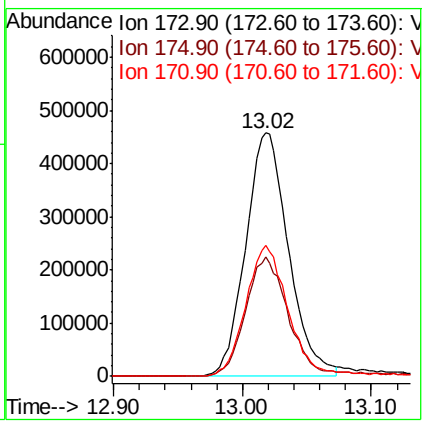


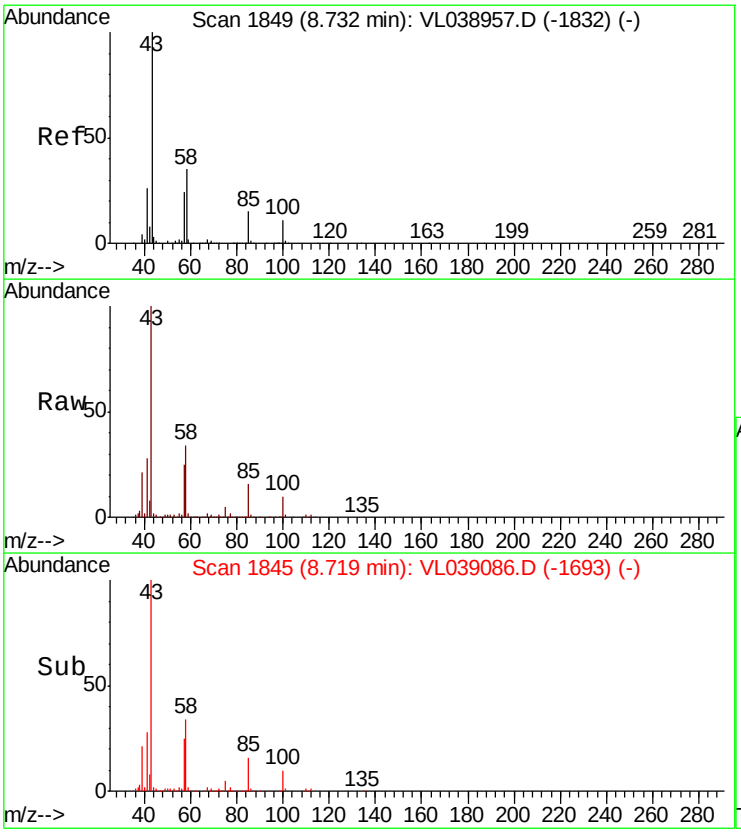
#49
Bromoform
Concen: 11.991 ppbv
RT: 13.02
Delta R.T
Lab File:
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion:173 Resp: 1058927

Ion	Ratio	Lower	Upper
173	100		
175	51.2	41.0	61.6
171	53.5	42.6	64.0

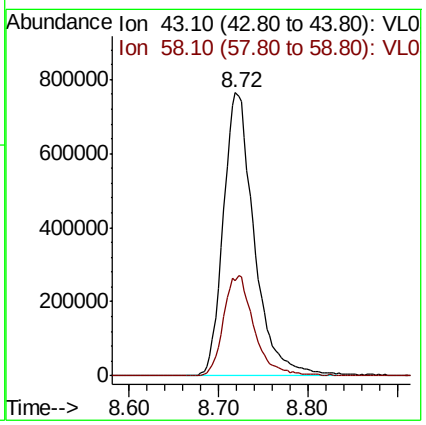


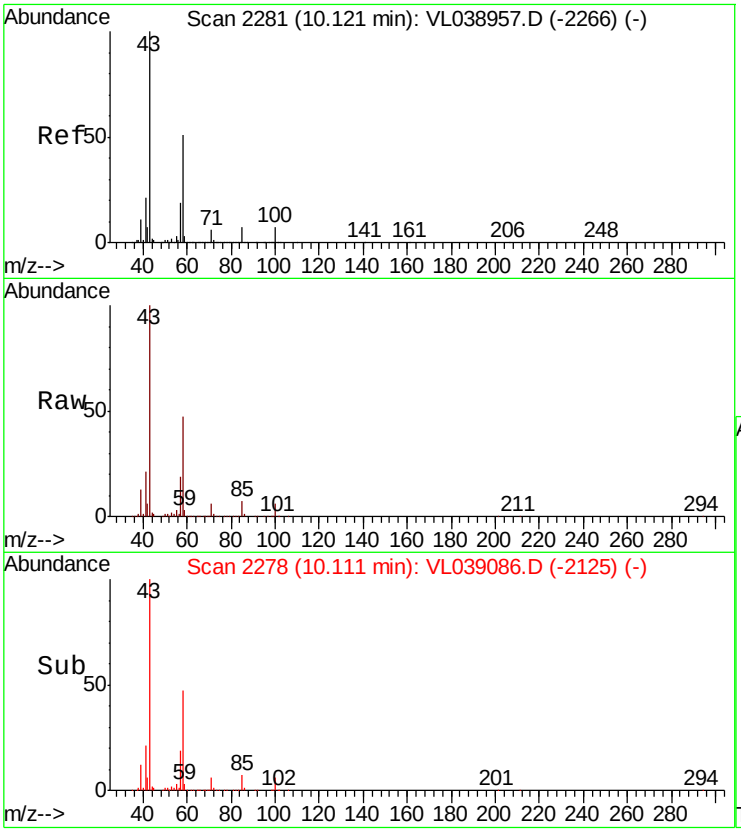


#50
4-Methyl-2-Pentanone
Concen: 9.960 ppbv
RT: 8.72 min Scan# 1845
Delta R.T. -0.01 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion: 43 Resp: 1830390

Ion	Ratio	Lower	Upper
43	100		
58	35.3	28.4	42.6



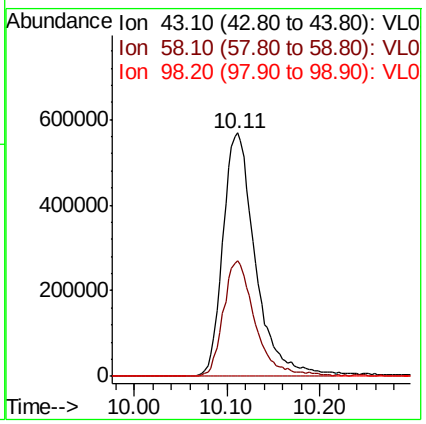


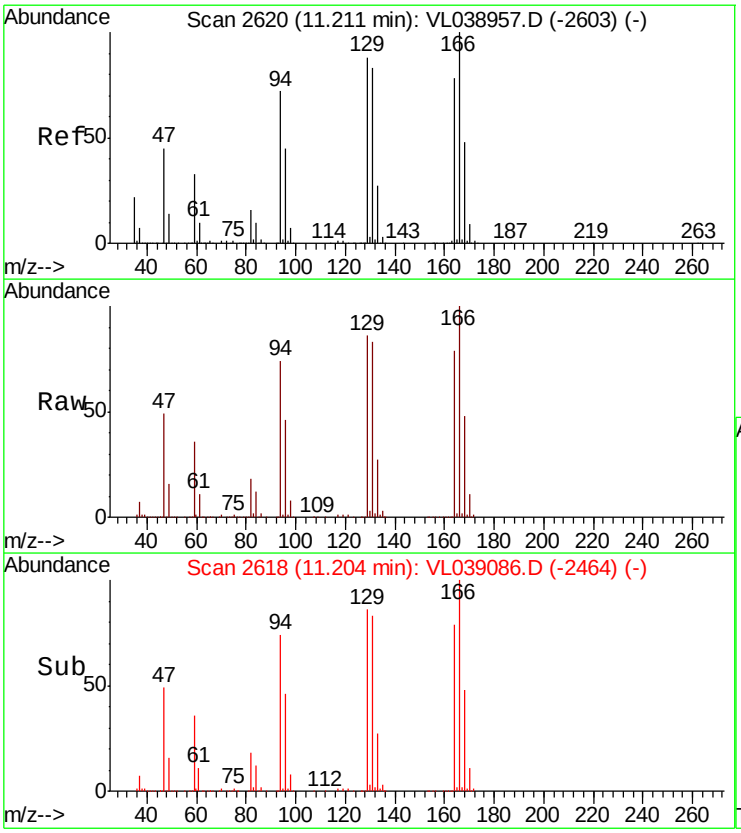
#51
2-Hexanone
Concen: 10.287 ppbv
RT: 10.11
Delta R.T
Lab File:
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion: 43 Resp: 1379766

Ion	Ratio	Lower	Upper
43	100		
58	46.7	39.3	58.9
98	0.2	0.2	0.2

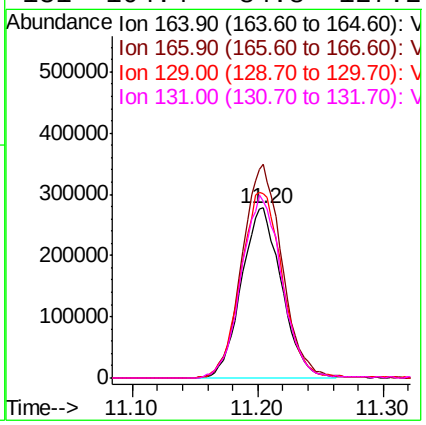


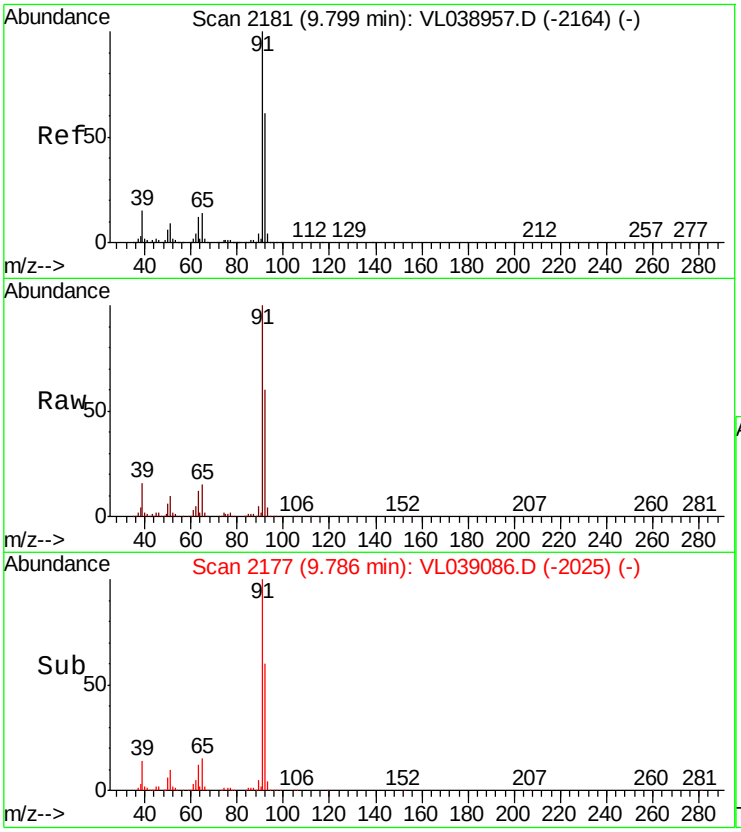


#52
Tetrachloroethene
Concen: 9.830 ppbv
RT: 11.20 min Scan# 2618
Delta R.T. -0.01 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion:164 Resp: 617547

Ion	Ratio	Lower	Upper
164	100		
166	125.9	102.5	153.7
129	108.4	90.1	135.1
131	104.4	84.8	127.2



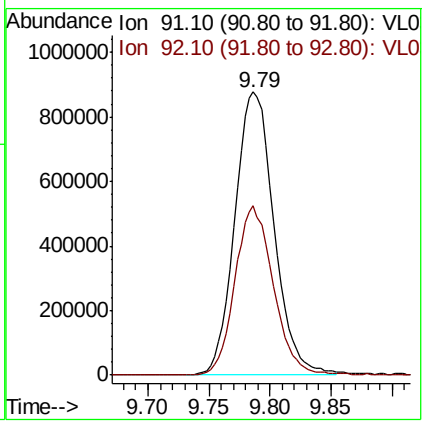


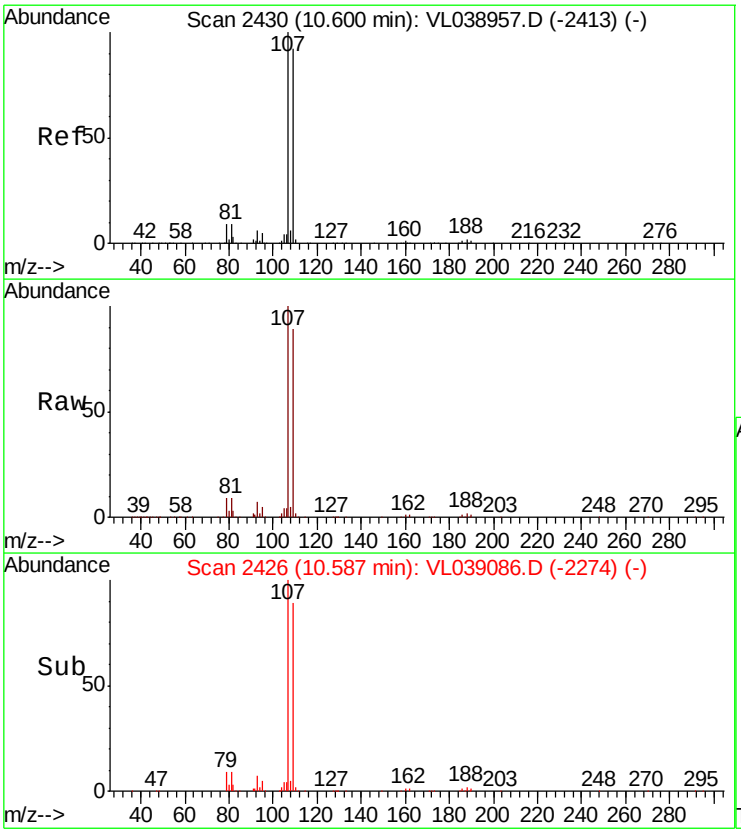
#53
Toluene
Concen: 9.885 ppbv
RT: 9.79
Delta R.T
Lab File:
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion: 91 Resp: 1947831

Ion	Ratio	Lower	Upper
91	100		
92	59.1	48.2	72.2

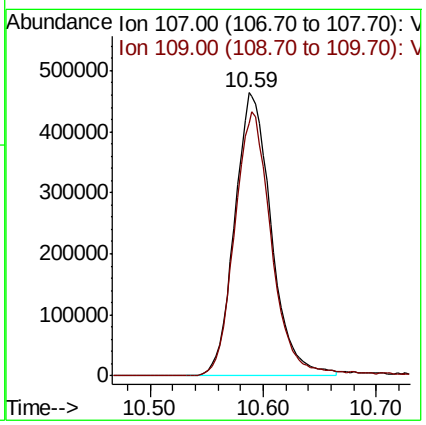


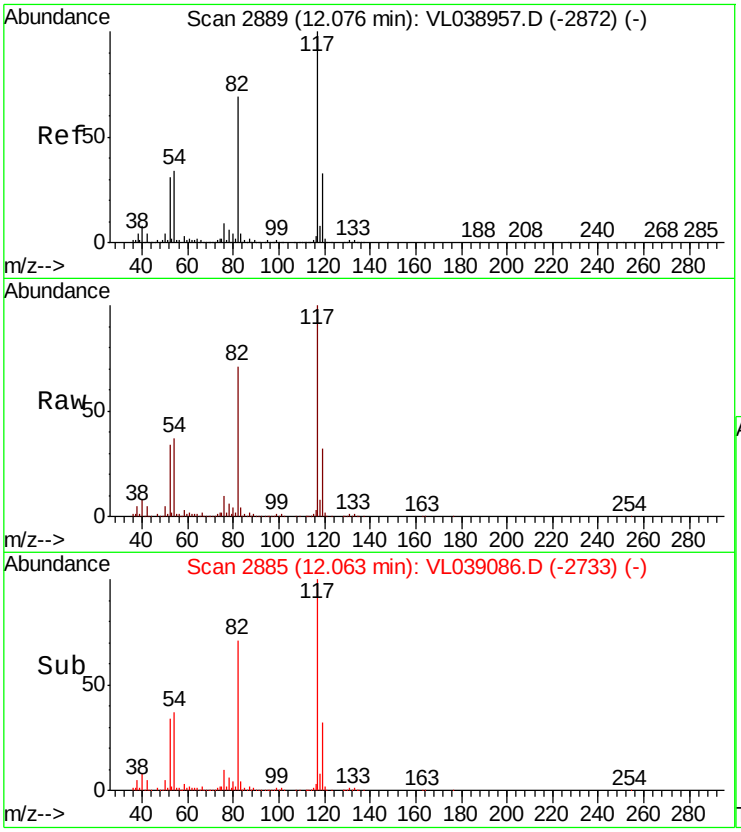


#54
1,2-Dibromoethane
Concen: 10.814 ppbv
RT: 10.59 min Scan# 2426
Delta R.T. -0.01 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion:107 Resp: 1047354

Ion	Ratio	Lower	Upper
107	100		
109	89.2	73.8	110.8



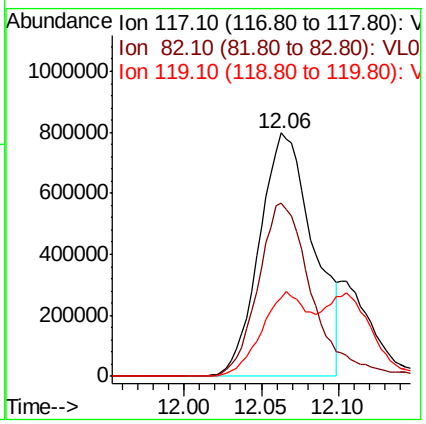


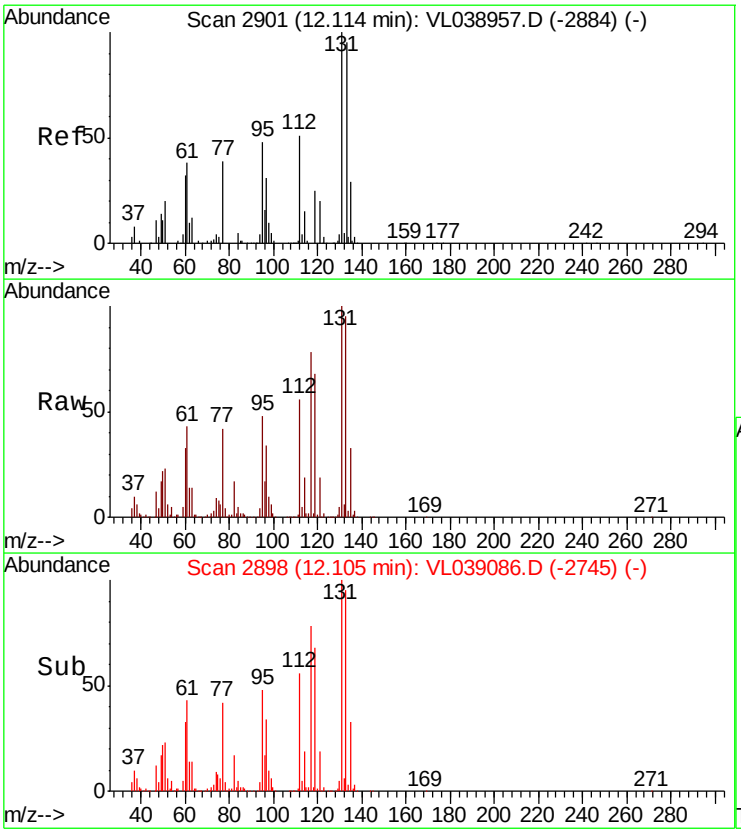
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06
Delta R.T
Lab File:
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion:117 Resp: 1942350

Ion	Ratio	Lower	Upper
117	100		
82	72.5	57.0	85.6
119	30.5	27.2	40.8

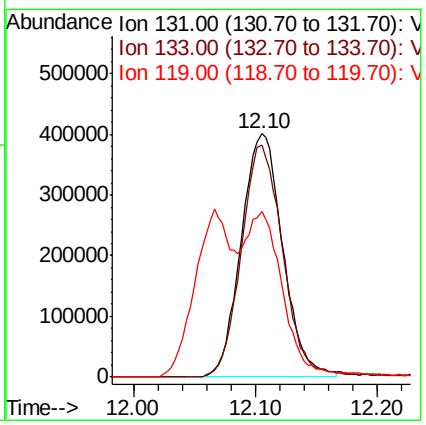


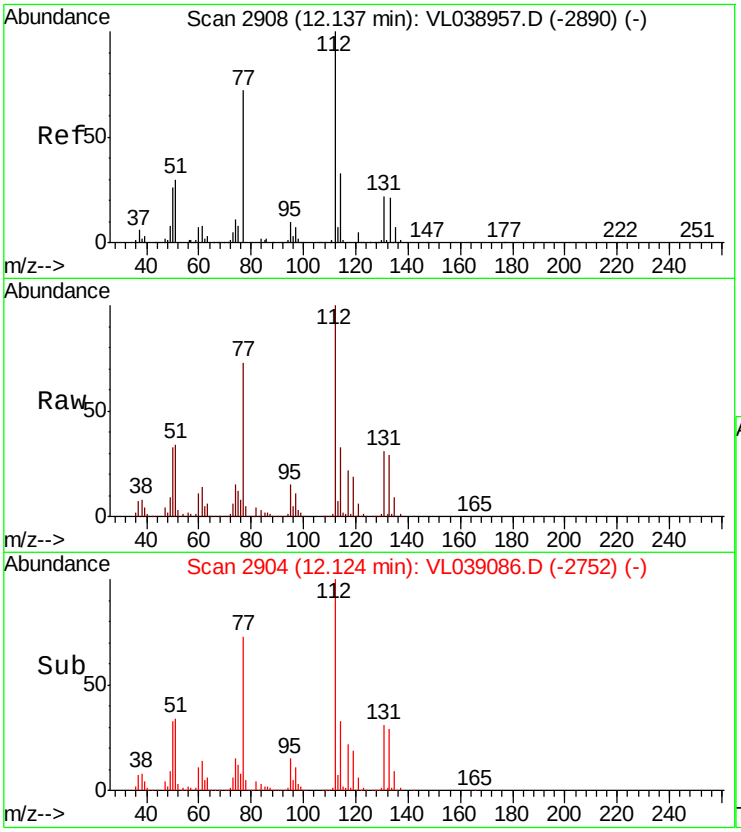


#56
1,1,1,2-Tetrachloroethane
Concen: 11.059 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.01 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion:131 Resp: 942465

Ion	Ratio	Lower	Upper
131	100		
133	96.2	76.9	115.3
119	62.6	47.4	71.0



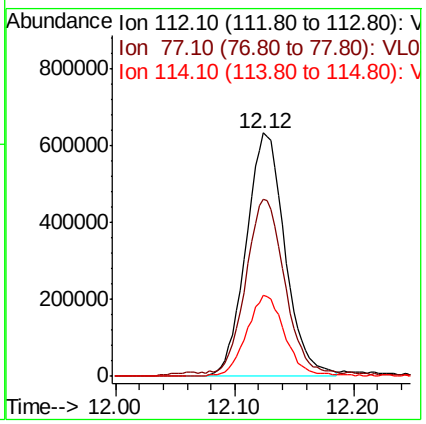


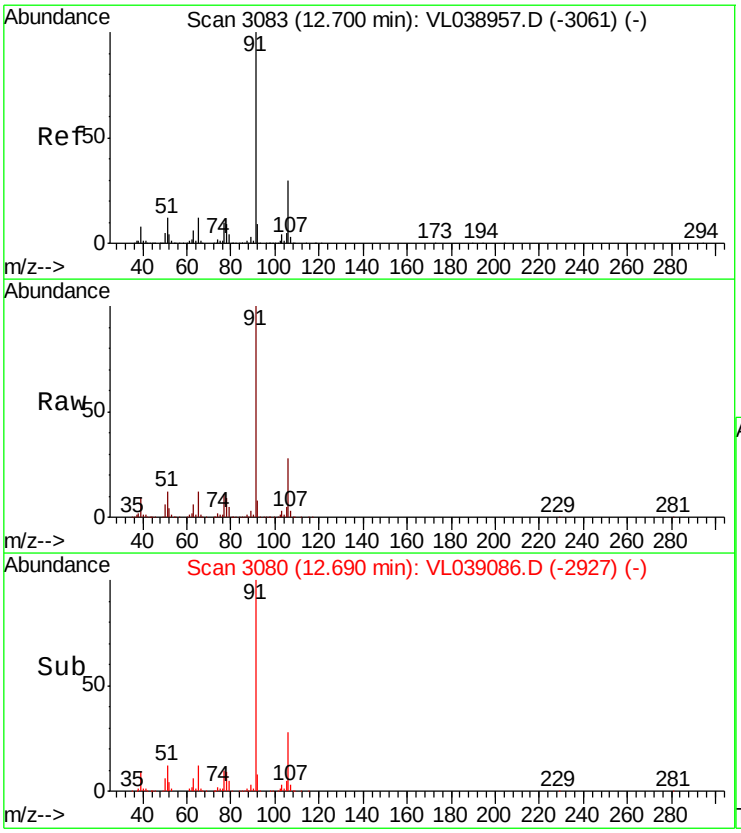
#57
Chlorobenzene
Concen: 9.820 ppbv
RT: 12.12
Delta R.T
Lab File:
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion:112 Resp: 1429775

Ion	Ratio	Lower	Upper
112	100		
77	71.2	57.7	86.5
114	33.0	30.1	36.7

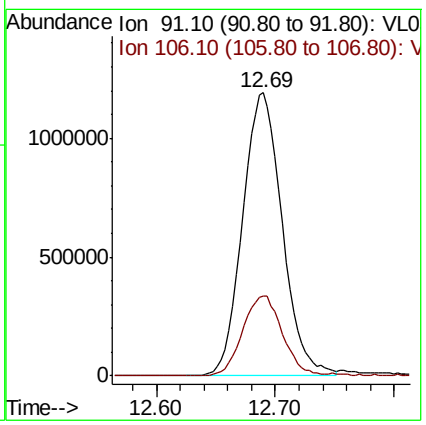


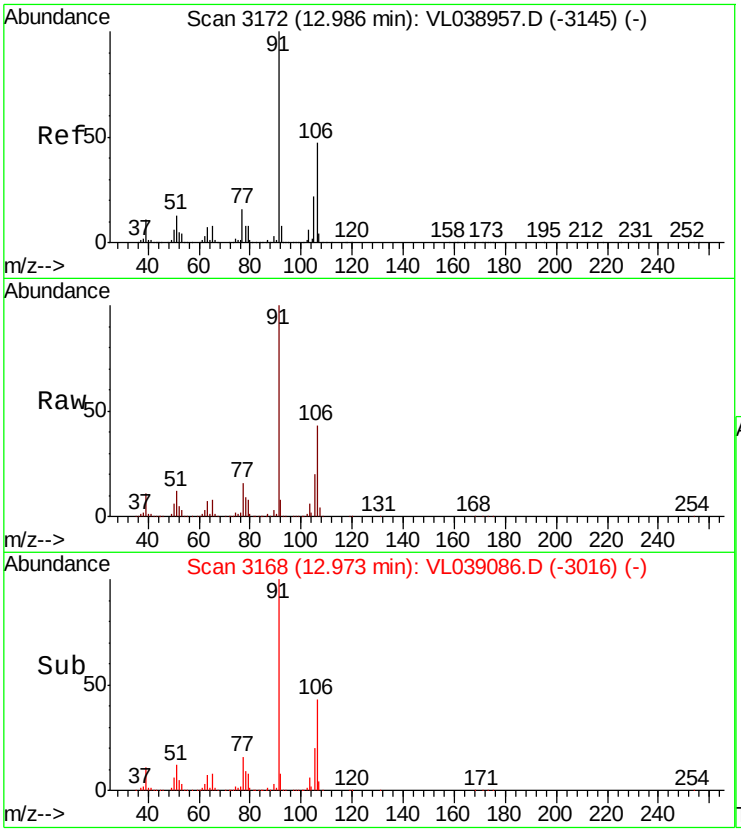


#58
Ethyl Benzene
Concen: 9.813 ppbv
RT: 12.69 min Scan# 3080
Delta R.T. -0.01 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion: 91 Resp: 2742926

Ion	Ratio	Lower	Upper
91	100		
106	28.3	24.2	36.4



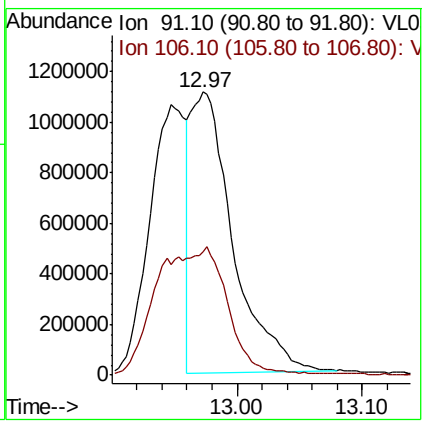


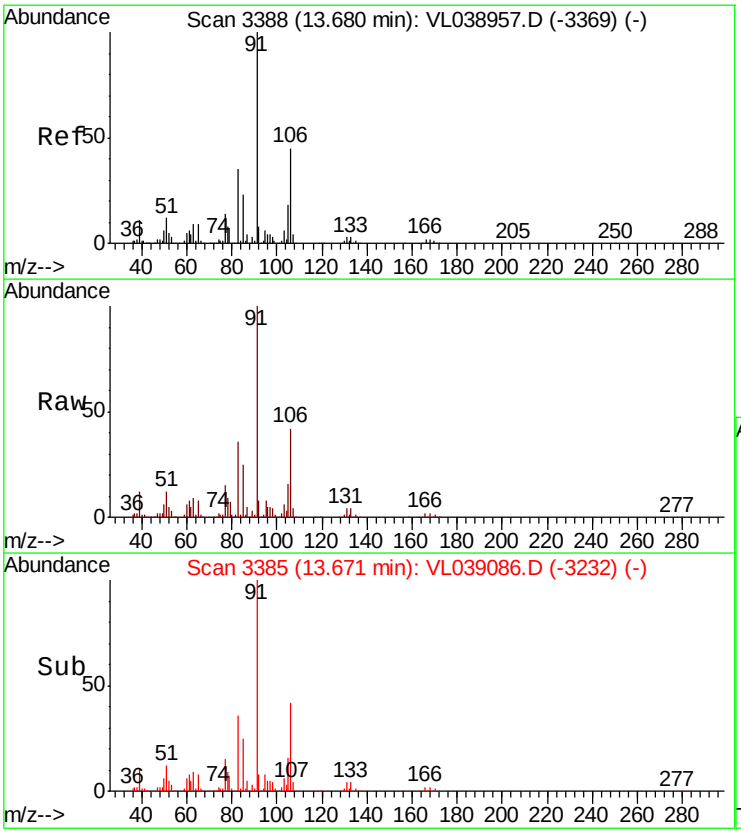
#59
m/p-Xylene
Concen: 10.788 ppbv
RT: 12.97
Delta R.T
Lab File:
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion: 91 Resp: 2574355

Ion	Ratio	Lower	Upper
91	100		
106	78.7	34.6	52.0#

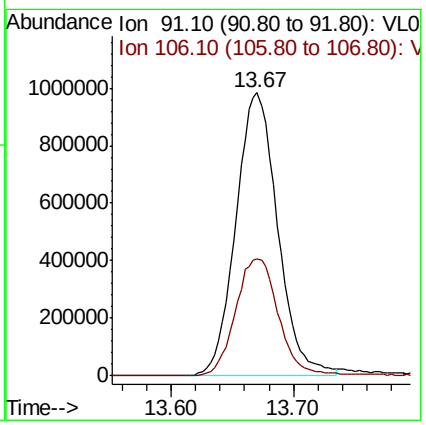


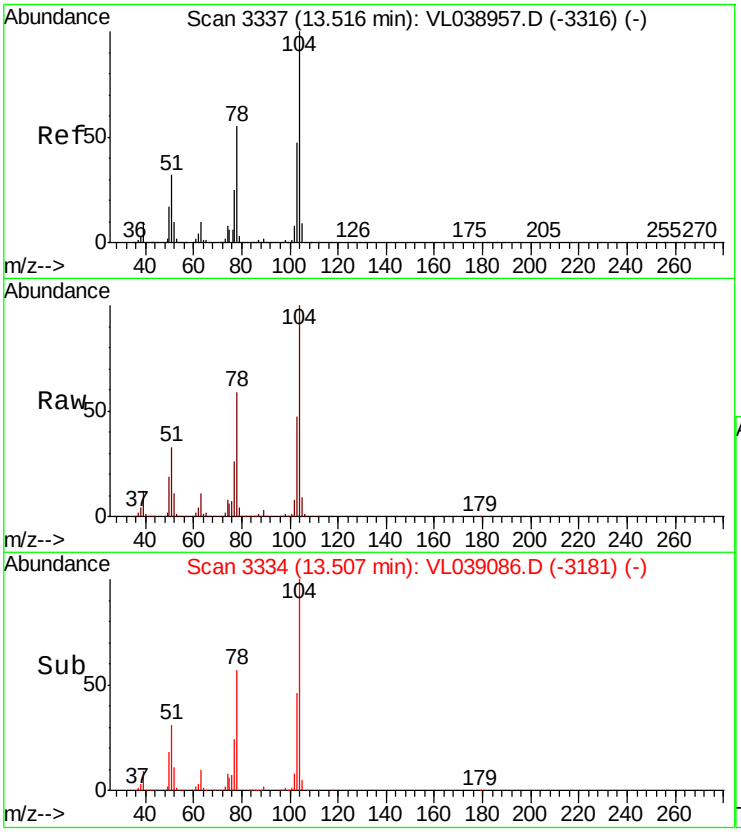


#60
o-Xylene
Concen: 10.328 ppbv
RT: 13.67 min Scan# 3385
Delta R.T. -0.01 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion: 91 Resp: 2319718

Ion	Ratio	Lower	Upper
91	100		
106	43.7	22.2	66.6



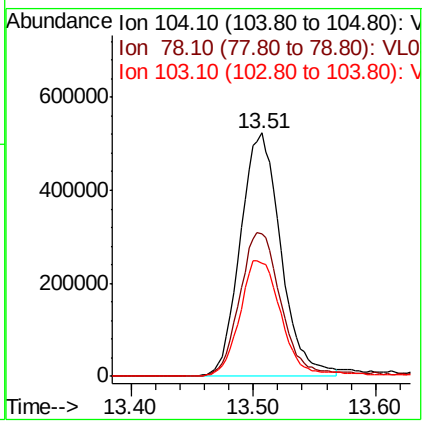


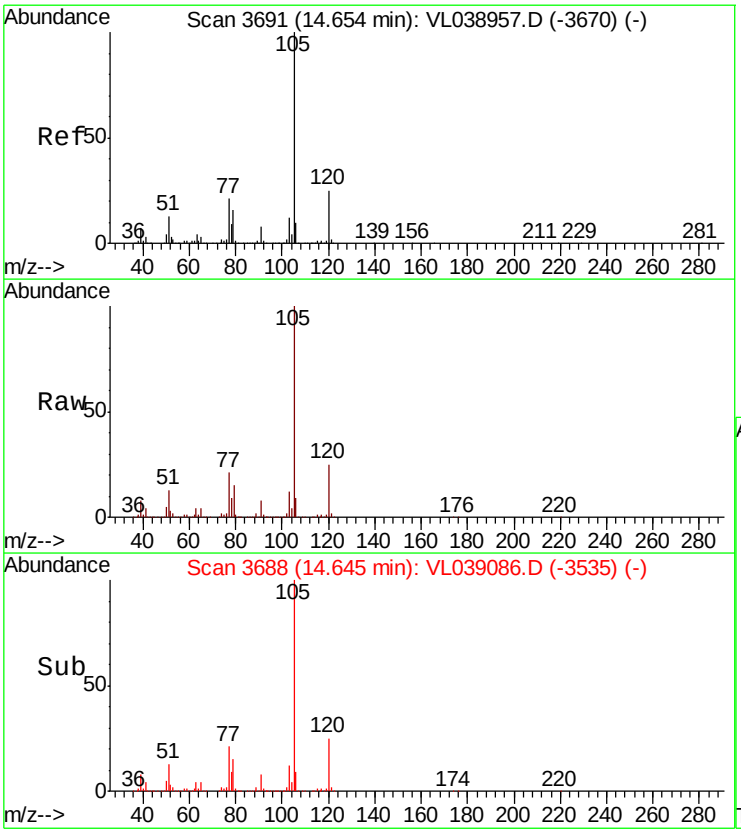
#61
Stvrene
Concen: 10.002 ppbv
RT: 13.51
Delta R.T
Lab File:
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion:104 Resp: 1199347

Ion	Ratio	Lower	Upper
104	100		
78	61.2	46.4	69.6
103	49.3	39.3	58.9

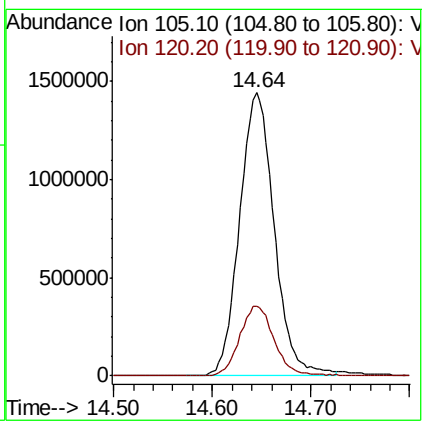


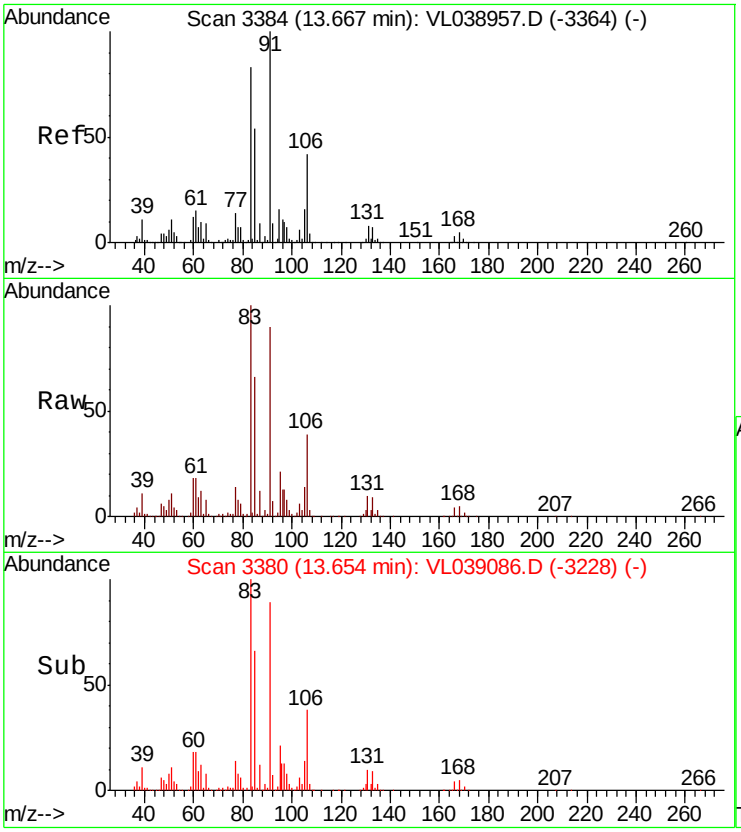


#62
Isopropylbenzene
Concen: 10.653 ppbv
RT: 14.64 min Scan# 3688
Delta R.T. -0.01 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion:105 Resp: 3499033

Ion	Ratio	Lower	Upper
105	100		
120	24.8	20.5	30.7



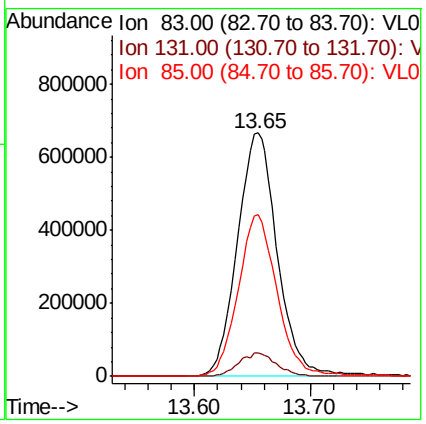


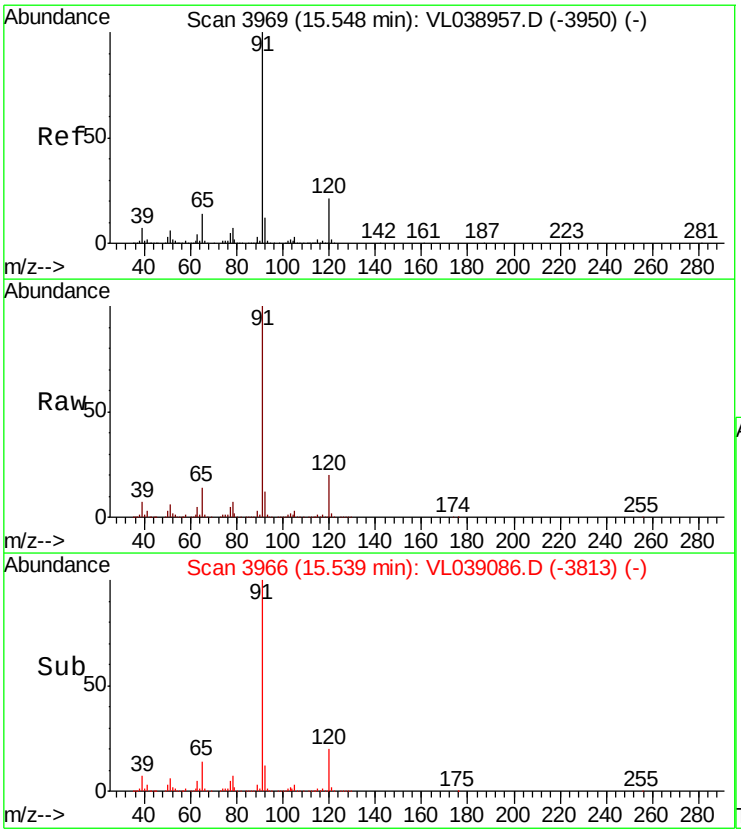
#63
1,1,2,2-Tetrachloroethane
Concen: 11.929 ppbv
RT: 13.65
Delta R.T
Lab File:
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion: 83 Resp: 1577601

Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.5	13.7
85	66.1	32.8	98.3

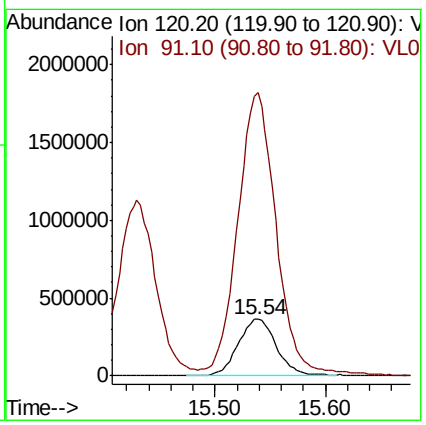


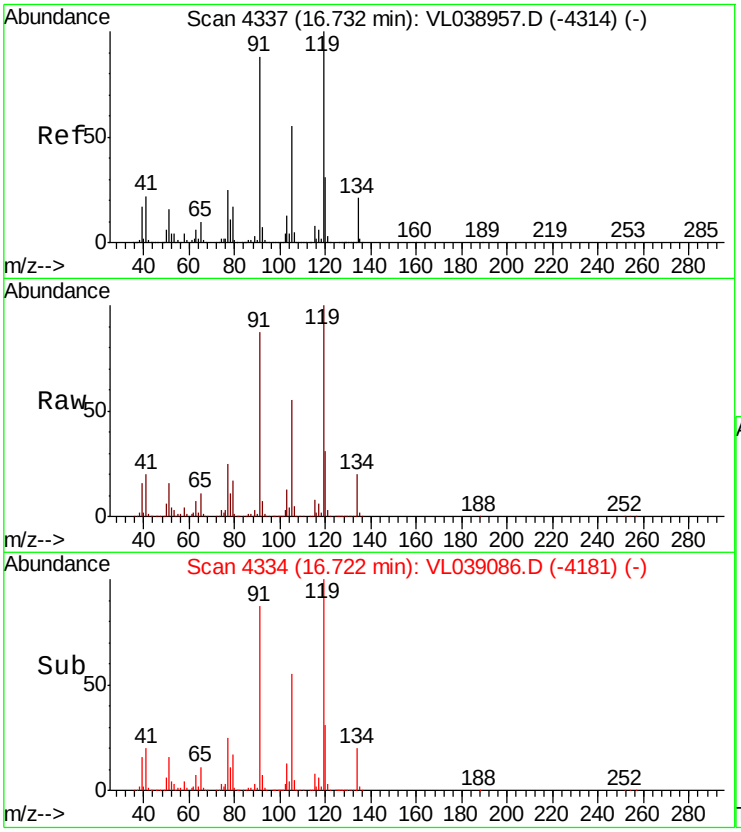


#64
n-propylbenzene
Concen: 10.994 ppbv
RT: 15.54 min Scan# 3966
Delta R.T. -0.01 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion:120 Resp: 873045

Ion	Ratio	Lower	Upper
120	100		
91	504.7	400.6	601.0



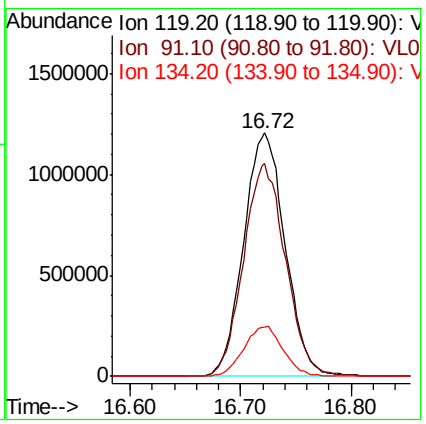


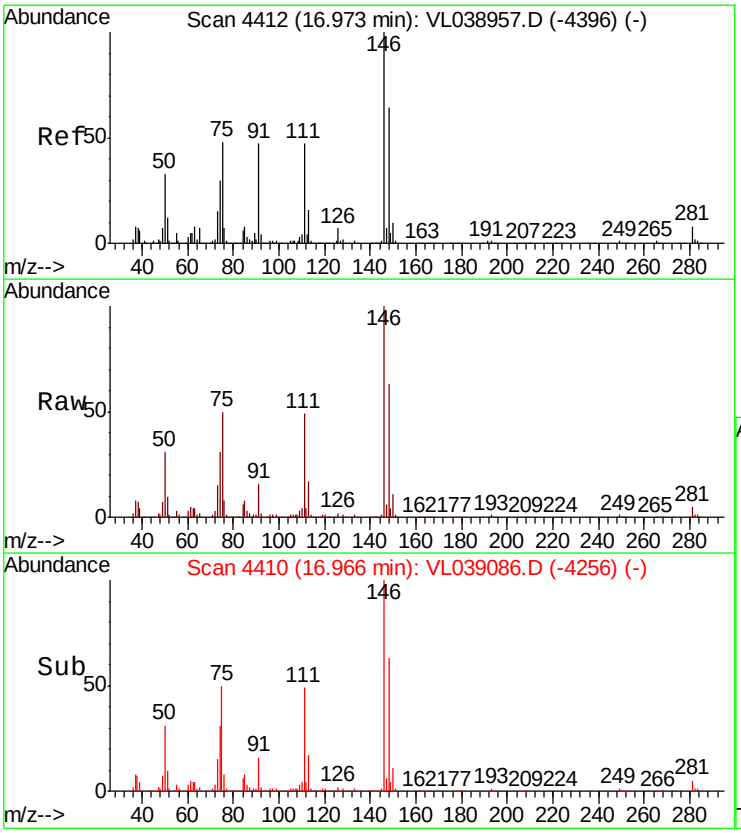
#65
tert-Butylbenzene
Concen: 10.918 ppbv
RT: 16.72
Delta R.T
Lab File:
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion:119 Resp: 3142134

Ion	Ratio	Lower	Upper
119	100		
91	88.7	69.4	104.2
134	19.5	15.8	23.8

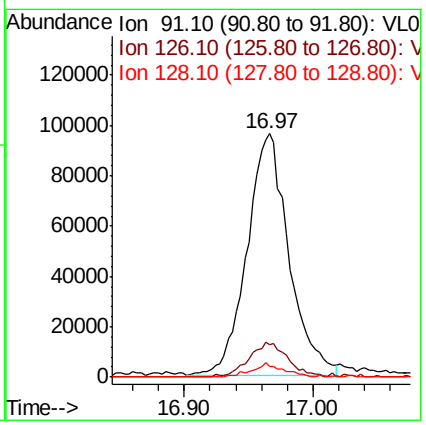


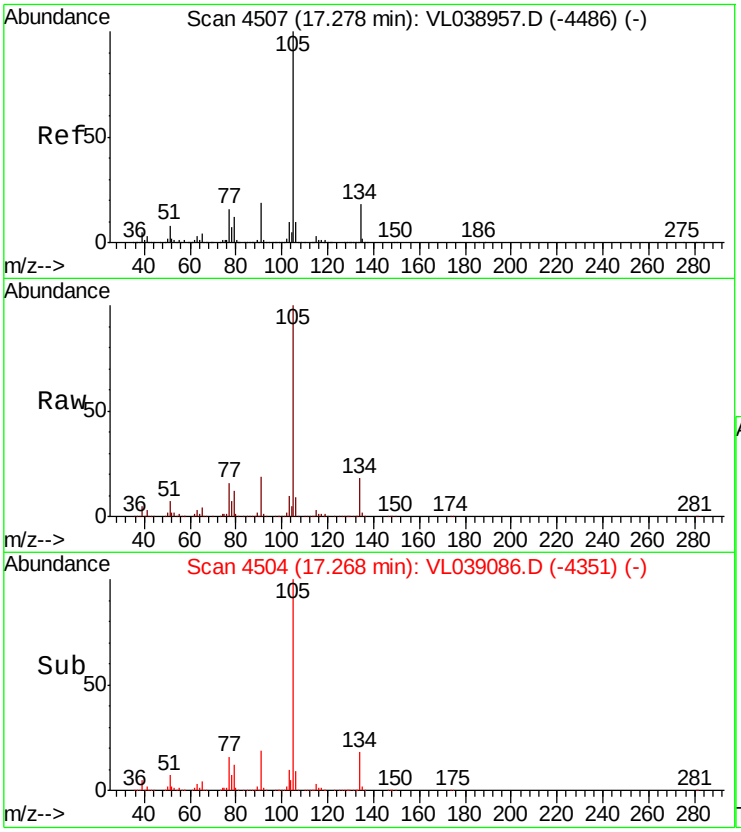


#66
Benzyl Chloride
Concen: 5.753 ppbv
RT: 16.97 min Scan# 4410
Delta R.T. -0.01 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion: 91 Resp: 216426

Ion	Ratio	Lower	Upper
91	100		
126	14.2	11.8	17.6
128	4.9	4.2	6.2



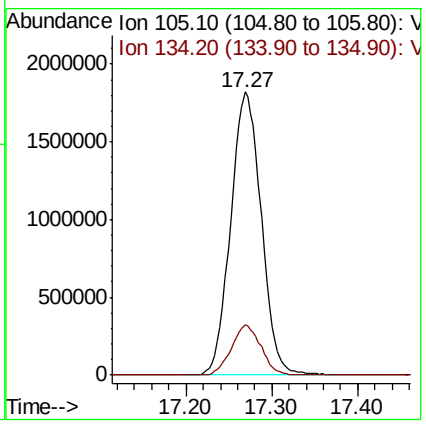


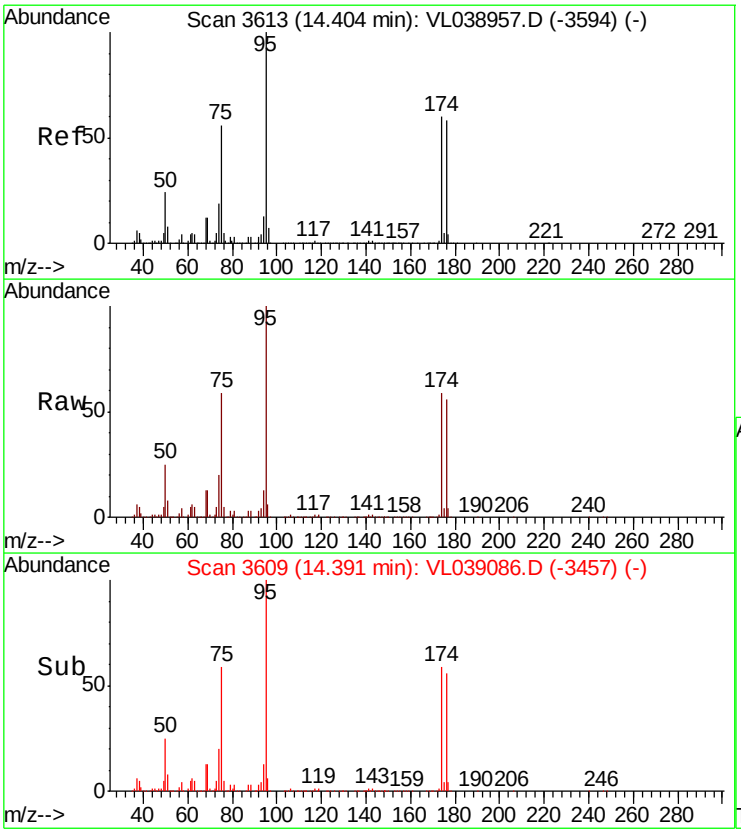
#67
sec-Butylbenzene
Concen: 10.893 ppbv
RT: 17.27
Delta R.T
Lab File:
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion:105 Resp: 4478438

Ion	Ratio	Lower	Upper
105	100		
134	17.2	14.2	21.4

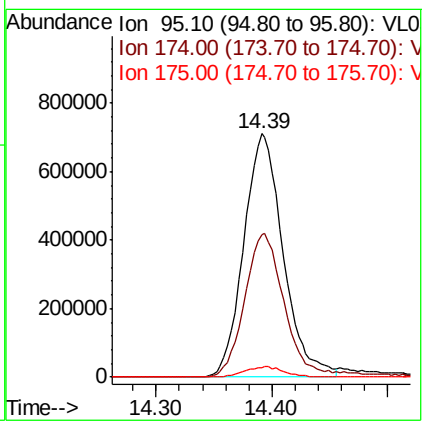


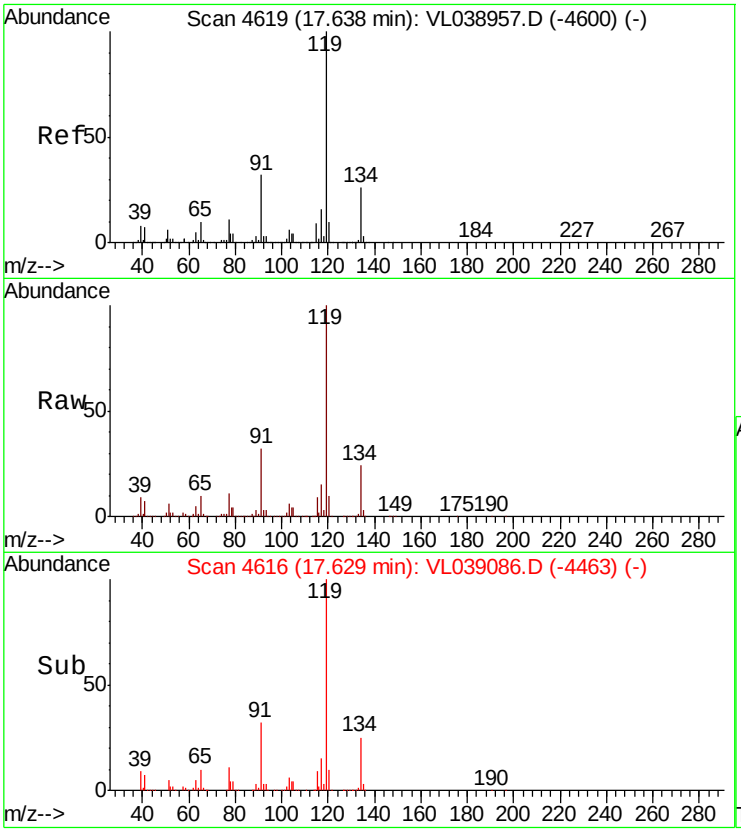


#68
1-Bromo-4-Fluorobenzene
Concen: 10.923 ppbv
RT: 14.39 min Scan# 3609
Delta R.T. -0.01 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion: 95 Resp: 1680211

Ion	Ratio	Lower	Upper
95	100		
174	61.6	50.8	76.2
175	4.5	3.8	5.6



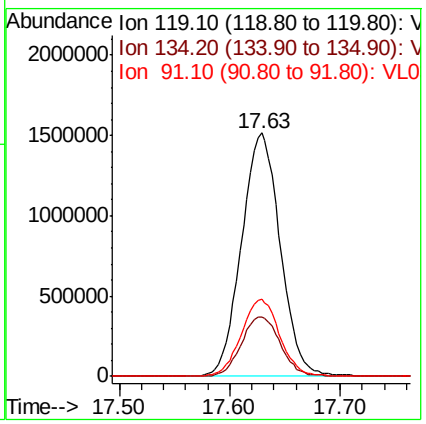


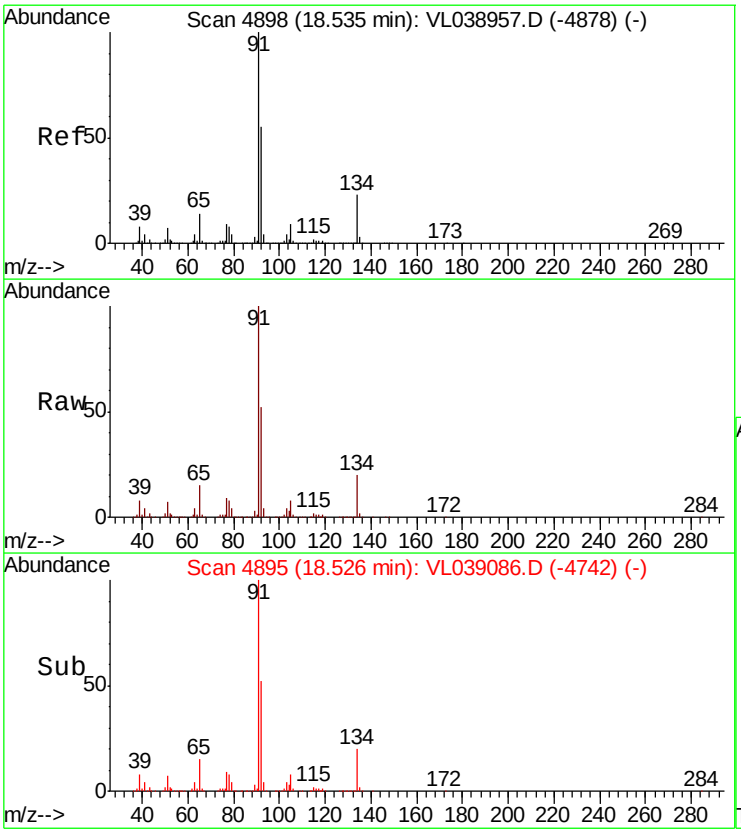
#69
p-Isopropyltoluene
Concen: 11.079 ppbv
RT: 17.63
Delta R.T
Lab File:
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion:119 Resp: 3679944

Ion	Ratio	Lower	Upper
119	100		
134	24.7	20.0	30.0
91	31.5	24.8	37.2

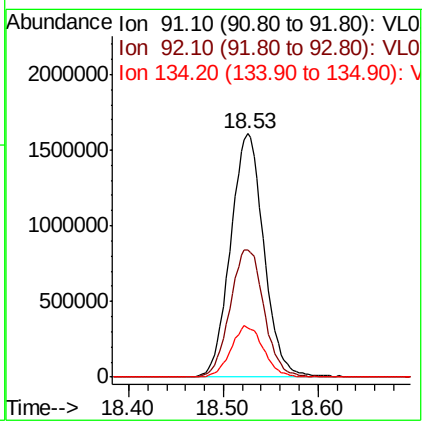


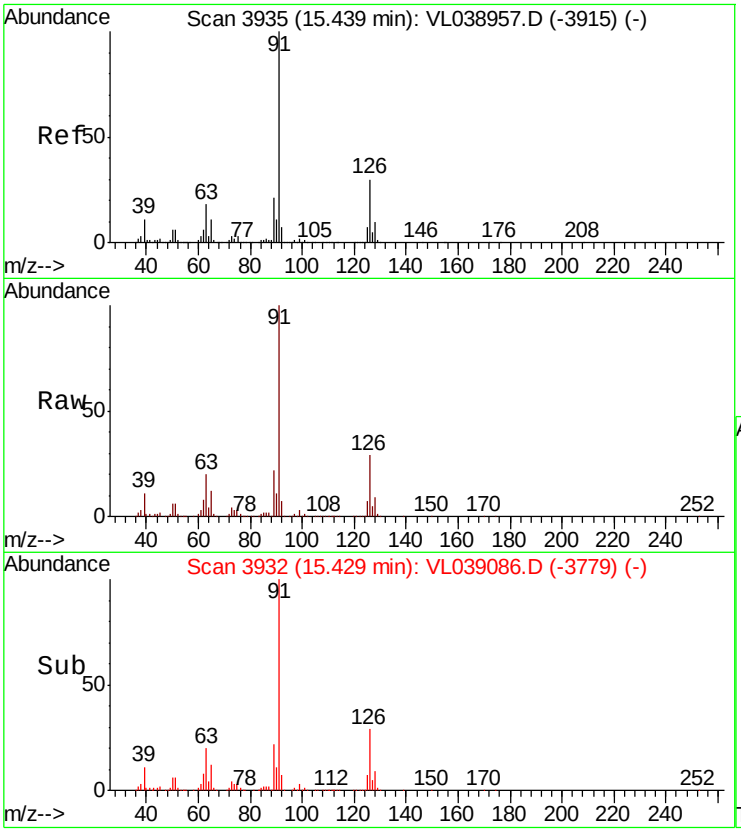


#70
n-Butylbenzene
Concen: 11.136 ppbv
RT: 18.53 min Scan# 4895
Delta R.T. -0.01 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion: 91 Resp: 3929873

Ion	Ratio	Lower	Upper
91	100		
92	53.5	43.1	64.7
134	20.7	17.0	25.4



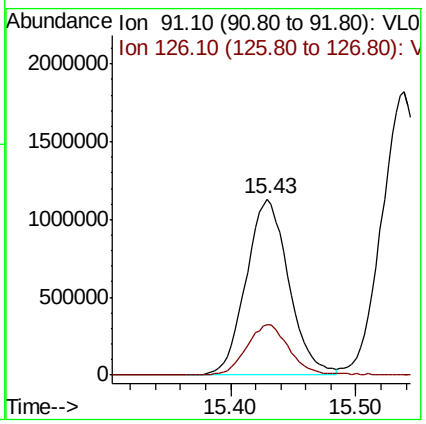


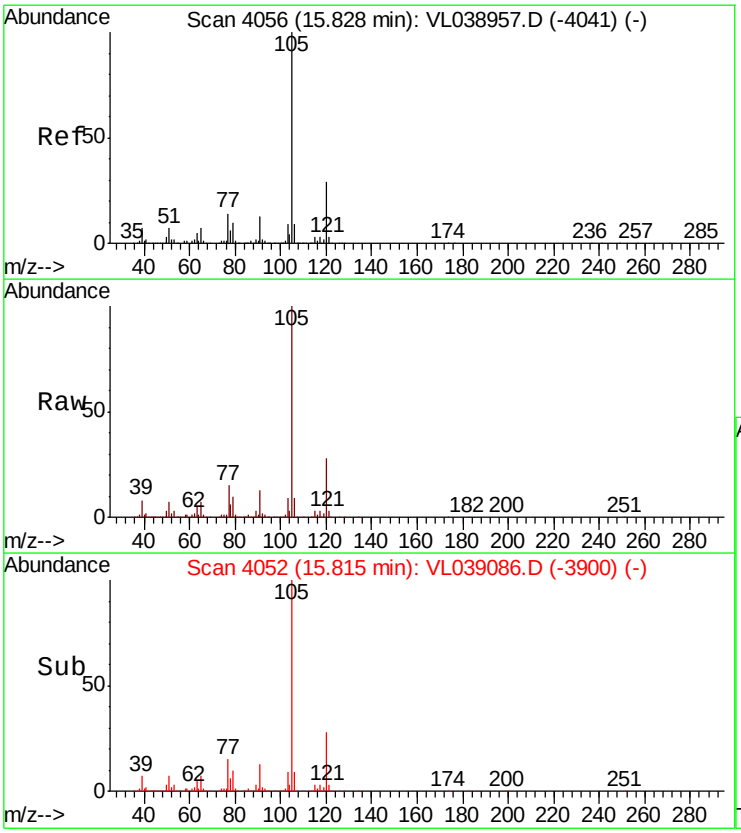
#71
2-Chlorotoluene
Concen: 10.585 ppbv
RT: 15.43
Delta R.T
Lab File:
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion: 91 Resp: 2680216

Ion	Ratio	Lower	Upper
91	100		
126	29.2	11.9	47.5

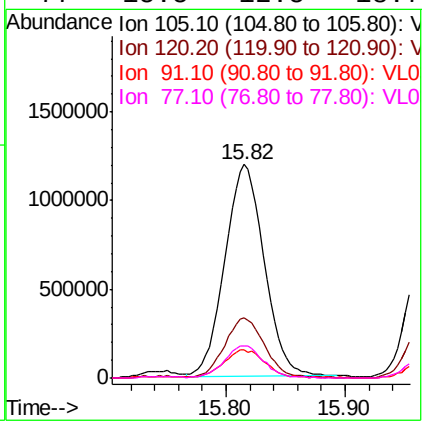


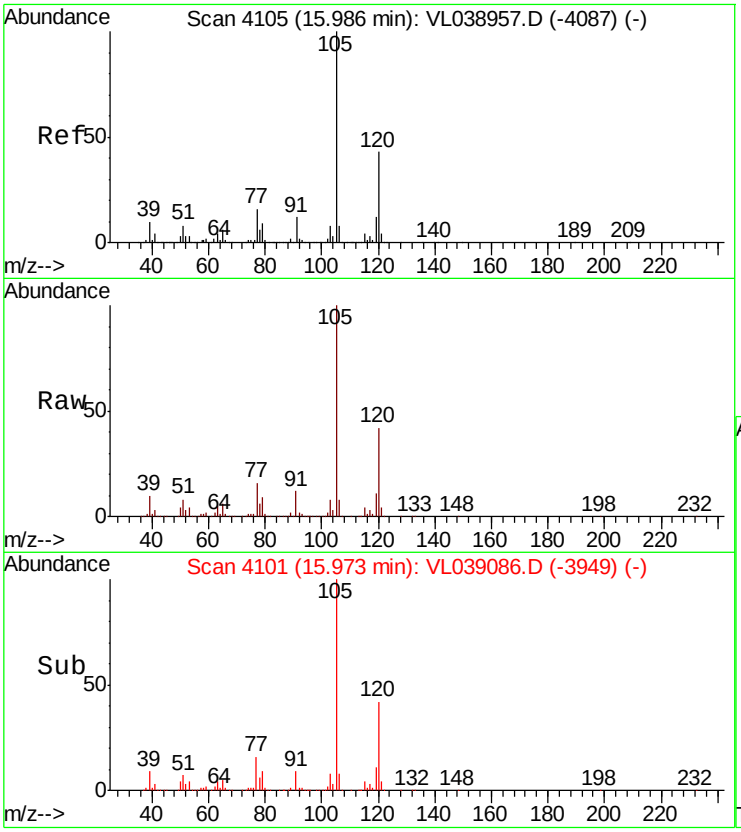


#72
4-Ethyltoluene
Concen: 10.736 ppbv
RT: 15.82 min Scan# 4052
Delta R.T. -0.01 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion:105 Resp: 2747805

Ion	Ratio	Lower	Upper
105	100		
120	28.9	23.4	35.0
91	14.0	10.6	16.0
77	15.5	12.5	18.7



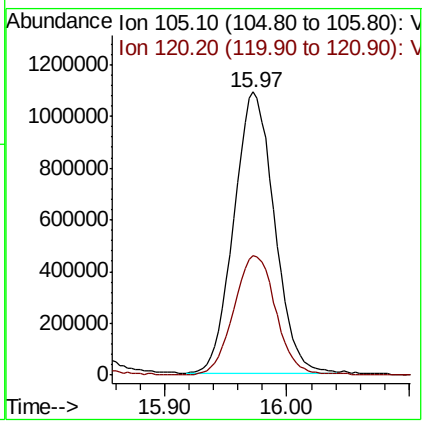


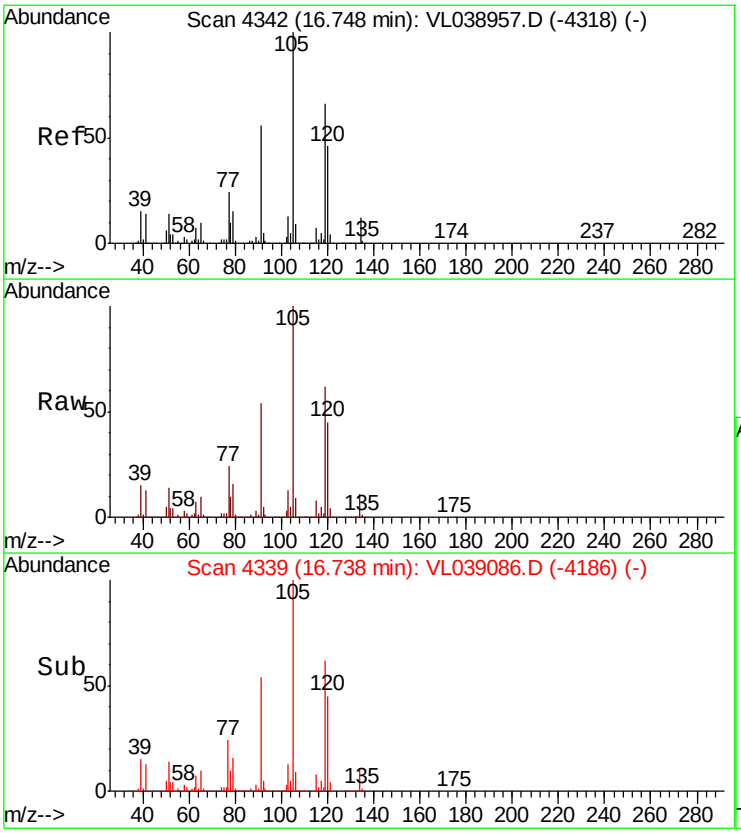
#73
1,3,5-Trimethylbenzene
Concen: 10.840 ppbv
RT: 15.97
Delta R.T
Lab File:
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion:105 Resp: 2497557

Ion	Ratio	Lower	Upper
105	100		
120	42.5	34.4	51.6

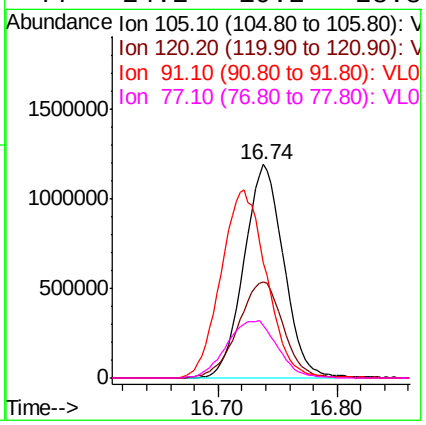


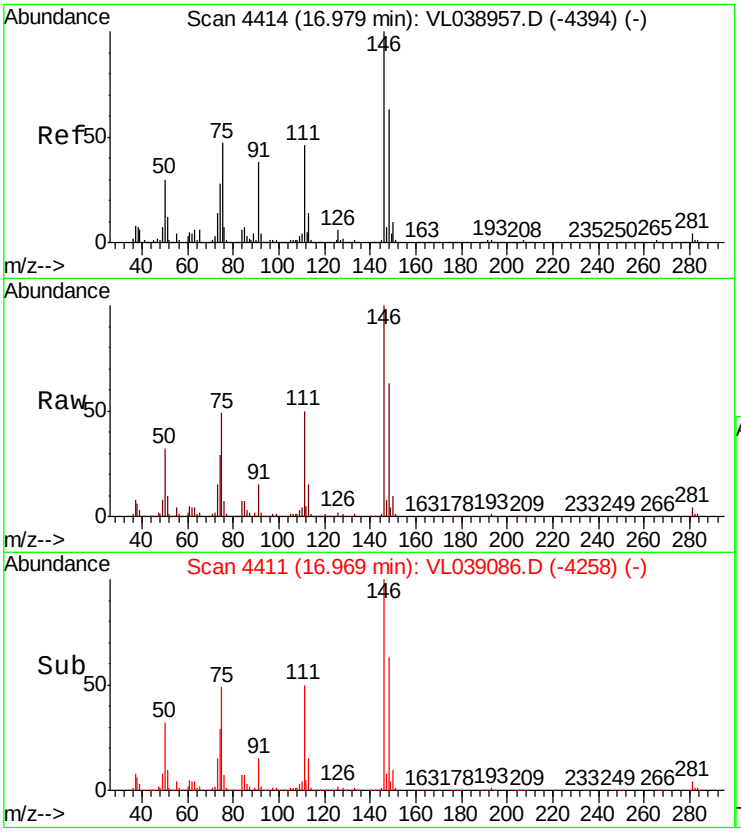


#74
1,2,4-Trimethylbenzene
Concen: 10.906 ppbv
RT: 16.74 min Scan# 4339
Delta R.T. -0.01 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion:105 Resp: 2751296

Ion	Ratio	Lower	Upper
105	100		
120	44.8	36.9	55.3
91	53.5	45.0	67.4
77	24.2	19.2	28.8



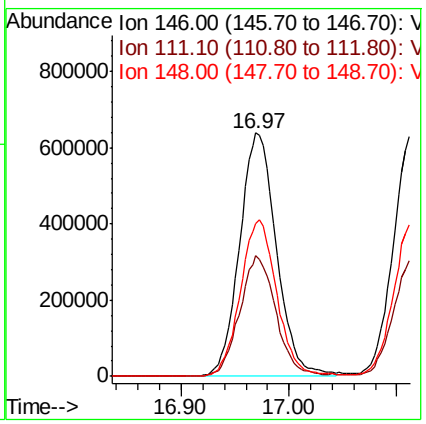


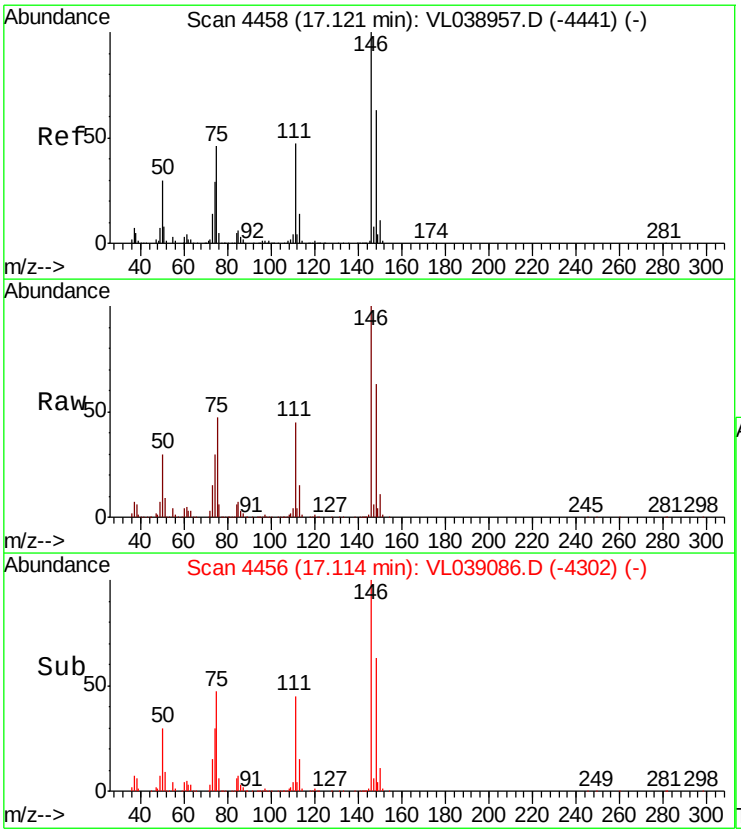
#75
1,3-Dichlorobenzene
Concen: 10.979 ppbv
RT: 16.97
Delta R.T
Lab File:
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion:146 Resp: 1517563

Ion	Ratio	Lower	Upper
146	100		
111	49.1	24.1	72.2
148	63.9	32.4	97.2

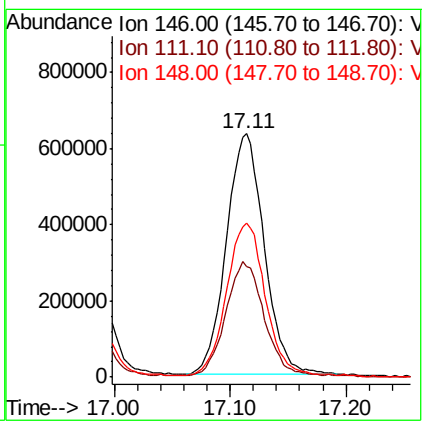


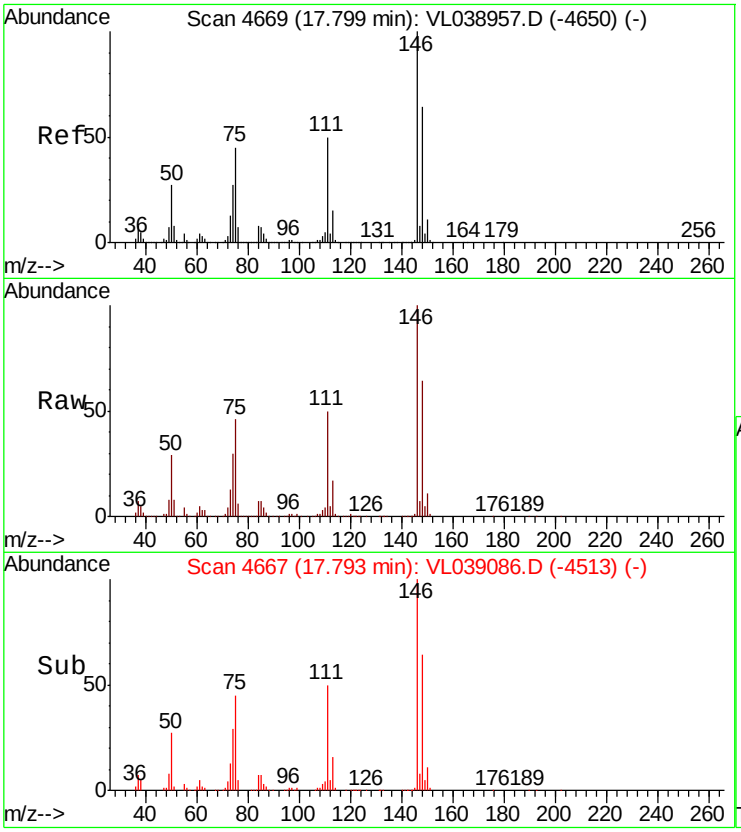


#76
1,4-Dichlorobenzene
Concen: 10.560 ppbv
RT: 17.11 min Scan# 4456
Delta R.T. -0.01 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion:146 Resp: 1435996

Ion	Ratio	Lower	Upper
146	100		
111	49.4	23.6	71.0
148	66.5	32.2	96.6



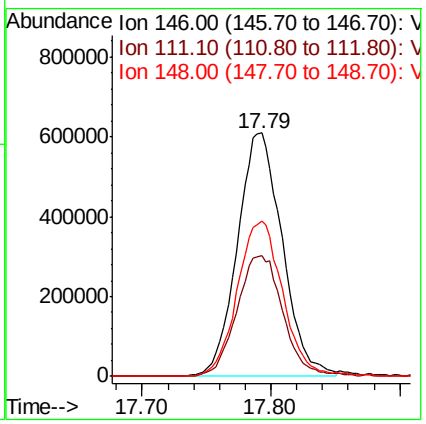


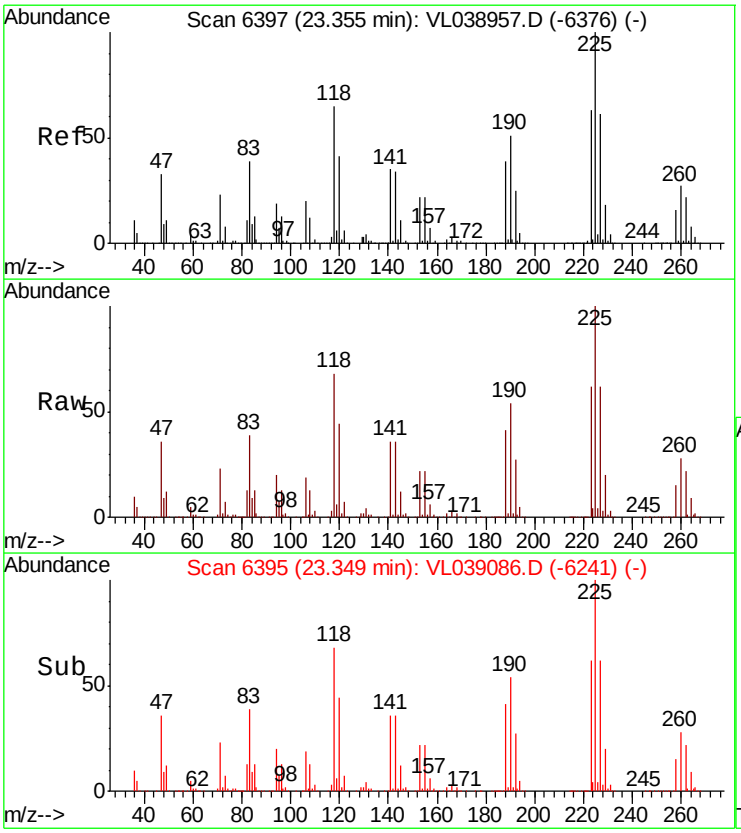
#77
1,2-Dichlorobenzene
Concen: 10.740 ppbv
RT: 17.79
Delta R.T
Lab File:
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion:146 Resp: 1468212

Ion	Ratio	Lower	Upper
146	100		
111	51.4	25.3	75.9
148	65.4	32.3	96.9

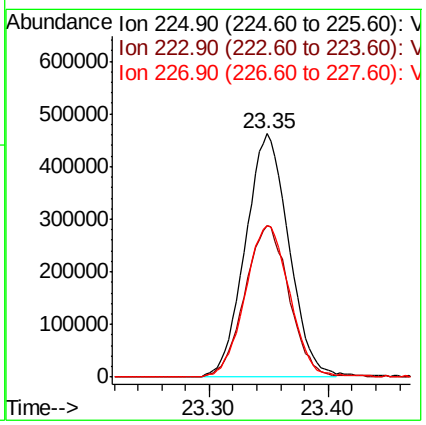


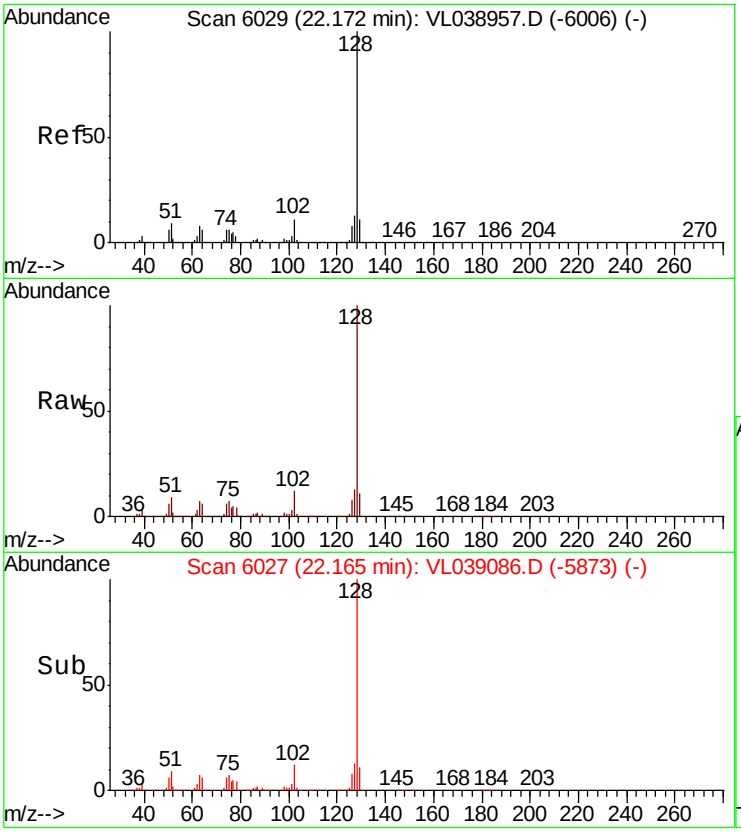


#78
Hexachloro-1,3-Butadiene
Concen: 9.292 ppbv
RT: 23.35 min Scan# 6395
Delta R.T. -0.01 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion:225 Resp: 1167406

Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.4	77.0
227	64.0	51.4	77.0



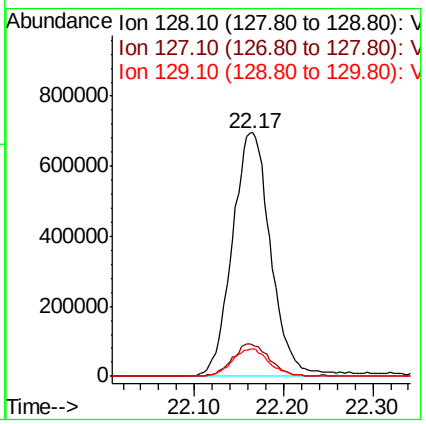


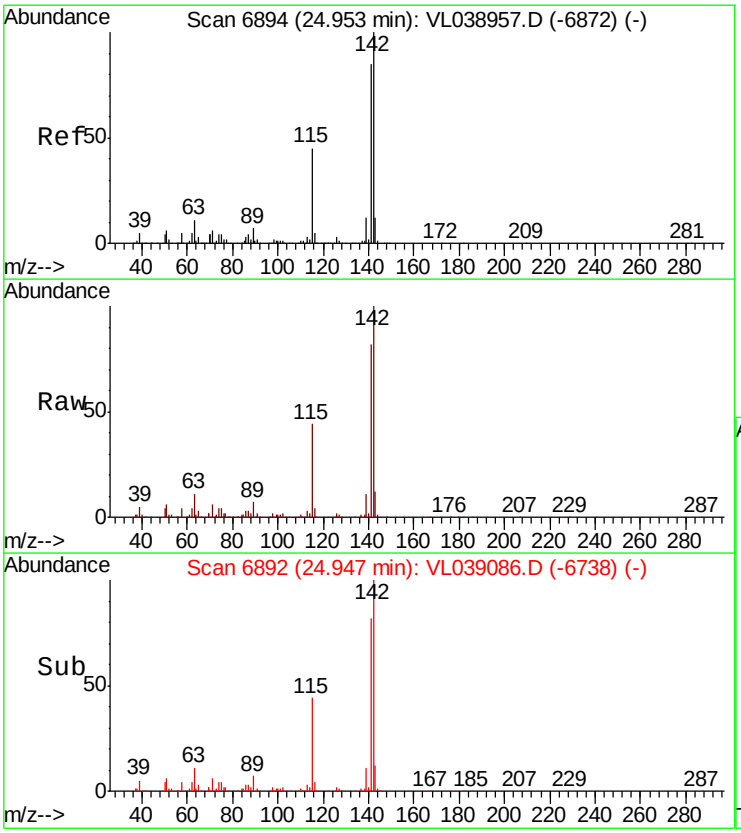
#79
Naphthalene
Concen: 10.103 ppbv
RT: 22.17
Delta R.T
Lab File:
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion:128 Resp: 2070403

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	11.1	8.9	13.3

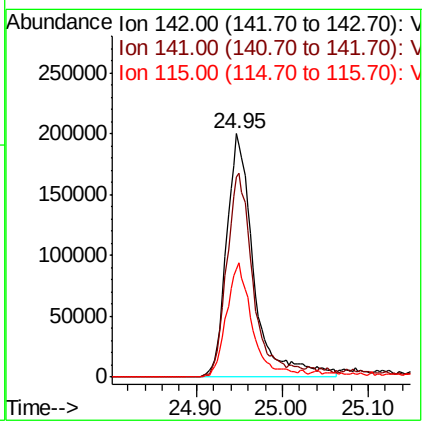


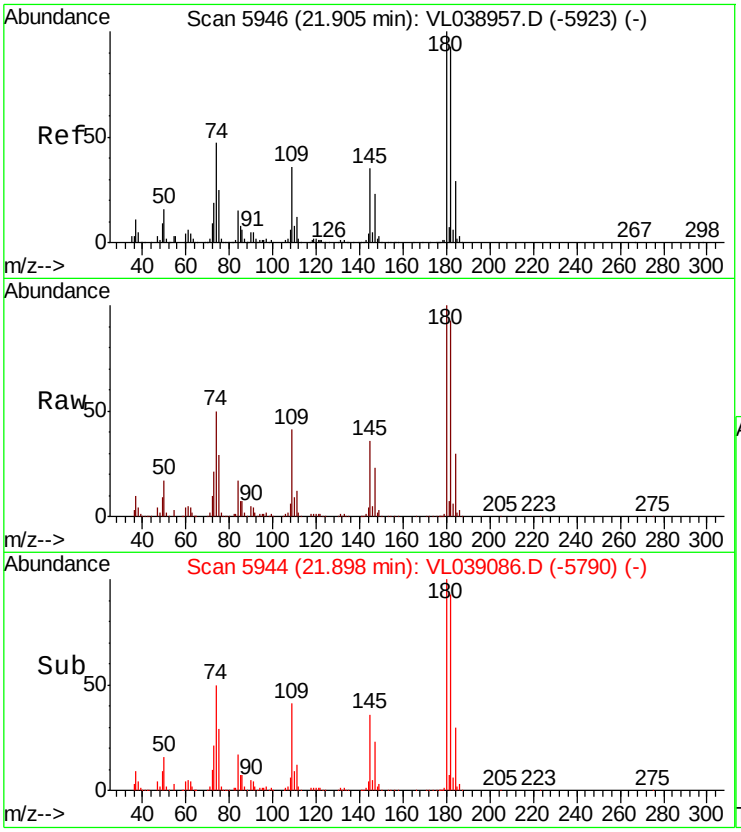


#80
Naphthalene,2-methyl-
Concen: 7.099 ppbv
RT: 24.95 min Scan# 6892
Delta R.T. -0.01 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion:142 Resp: 440059

Ion	Ratio	Lower	Upper
142	100		
141	81.5	70.8	106.2
115	46.7	35.1	52.7





#81
1,2,4-Trichlorobenzene
Concen: 9.573 ppbv
RT: 21.90
Delta R.T
Lab File:
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion:180 Resp: 1149595

Ion	Ratio	Lower	Upper
180	100		
182	95.5	78.4	117.6
184	30.7	24.4	36.6