Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL122921\
Data File : VL038251.D
Acq On : 30 Dec 2021 8:24
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Quant Time: Dec 31 05:43:34 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL122121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Dec 21 17:47:08 2021
QLast Update : Tue Dec 21 17:47:08 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	669307	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.18	114	1720278	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.09	117	1976899	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	1299335	8.53	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 85.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.06	85	1051802	8.340	ppbv		96
3) Chlorodifluoromethane	3.00	51	1257216	8.939	ppbv		98
4) Chloromethane	3.15	50	428486	8.786	ppbv		97
5) Vinyl Chloride	3.27	62	433550	8.845	ppbv		100
6) Bromomethane	3.48	94	257901	10.326	ppbv		97
7) Chloroethane	3.57	64	152901	9.263	ppbv		97
8) Dichlorotetrafluoroethane	3.20	85	1063590	8.886	ppbv		93
9) Propene	3.02	41	412148	8.440	ppbv		99
10) Heptane	8.12	43	1060111	8.558	ppbv		97
11) Trichlorofluoromethane	3.96	101	1108311	9.569	ppbv		95
12) 1,1,2-Trichlorotrifluoroet	4.49	101	807105	9.226	ppbv		95
13) Ethanol	3.61	45	47061	5.684	ppbv	#	100
14) Bromoethene	3.75	108	326130	9.357	ppbv		99
15) Acetone	3.85	43	584669	8.704	ppbv		96
16) 1,3-Butadiene	3.34	39	434245	9.490	ppbv		97
17) tert-Butyl alcohol	4.29	59	682076	9.245	ppbv		99
18) 1,1-Dichloroethene	4.29	96	352543	9.202	ppbv		96
19) Isopropyl Alcohol	3.97	45	364770	8.706	ppbv	#	37
20) Methylene Chloride	4.35	84	293715	7.745	ppbv		96
21) Allyl Chloride	4.42	41	538640	9.479	ppbv		98
22) trans-1,2-Dichloroethene	4.89	96	374733	9.586	ppbv		97
23) Vinyl Acetate	5.08	43	859610	9.451	ppbv		99
24) 1,1-Dichloroethane	5.02	63	744048	9.148	ppbv		99
25) Ethyl Acetate	5.68	43	1670215	9.178	ppbv		99
26) Hexane	5.69	57	741873	8.125	ppbv		93
27) Carbon Disulfide	4.56	76	969270	12.059	ppbv		98
28) Methyl tert-Butyl Ether	5.04	73	776398	8.462	ppbv		98
29) Chloroform	5.75	83	1233239	9.102	ppbv		97
30) Cyclohexane	7.13	84	623482	7.710	ppbv		87
31) cis-1,2-Dichloroethene	5.55	61	758969	10.599	ppbv		92
32) 1,1,1-Trichloroethane	6.51	97	1222225	9.092	ppbv		97
34) 2-Butanone	5.25	43	582439	11.264	ppbv		99
35) Carbon Tetrachloride	7.02	117	1304135	12.282	ppbv		98
36) Benzene	6.89	78	1544864	9.628	ppbv		98
37) 1,2-Dichloroethane	6.31	62	935211	11.615	ppbv	#	96
38) Trichloroethene	7.83	130	557332	9.127	ppbv		94
39) 1,2-Dichloropropane	7.61	63	605393	9.803	ppbv		94
40) 1,4-Dioxane	7.83	88	148049	8.241	ppbv		91
41) Tetrahydrofuran	6.05	42	389992	10.298	ppbv		96
42) Bromodichloromethane	7.79	83	1360676	11.877	ppbv		100
43) Methyl Methacrylate	8.01	69	578521	10.476	ppbv		91

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL122921\
Data File : VL038251.D
Acq On : 30 Dec 2021 8:24
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Quant Time: Dec 31 05:43:34 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL122121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Dec 21 17:47:08 2021
QLast Update : Tue Dec 21 17:47:08 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	2648194	9.715	ppbv		96
45) t-1,3-Dichloropropene	9.28	75	552143	13.510	ppbv		99
46) cis-1,3-Dichloropropene	8.70	75	689450	12.187	ppbv		92
47) 1,1,2-Trichloroethane	9.48	97	590436	9.212	ppbv		96
48) Dibromochloromethane	10.30	129	1060277	11.763	ppbv		99
49) Bromoform	13.04	173	771555	12.048	ppbv		99
50) 4-Methyl-2-Pentanone	8.74	43	1145377	12.184	ppbv		96
51) 2-Hexanone	10.14	43	538025	11.957	ppbv	#	93
52) Tetrachloroethene	11.22	164	478972	8.087	ppbv		90
53) Toluene	9.81	91	1699026	9.176	ppbv		97
54) 1,2-Dibromoethane	10.61	107	862111	9.482	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.12	131	662677	8.059	ppbv	#	54
57) Chlorobenzene	12.15	112	1137215	6.633	ppbv		94
58) Ethyl Benzene	12.71	91	2196593	7.160	ppbv		98
59) m/p-Xylene	13.00	91	2055815	7.839	ppbv	#	53
60) o-Xylene	13.69	91	1732613	7.126	ppbv		95
61) Styrene	13.53	104	862738	7.005	ppbv		94
62) Isopropylbenzene	14.67	105	2264750	6.634	ppbv		98
63) 1,1,2,2-Tetrachloroethane	13.68	83	1232483	6.591	ppbv		99
64) n-propylbenzene	15.56	120	558517	6.580	ppbv		85
65) tert-Butylbenzene	16.74	119	1970879	6.559	ppbv		93
66) Benzyl Chloride	16.98	91	141847	12.665	ppbv		95
67) sec-Butylbenzene	17.29	105	2798573	6.778	ppbv		99
69) p-Isopropyltoluene	17.65	119	2290132	6.896	ppbv		97
70) n-Butylbenzene	18.55	91	2492978	7.896	ppbv		98
71) 2-Chlorotoluene	15.45	91	1737786	6.839	ppbv		96
72) 4-Ethyltoluene	15.83	105	1927658	6.884	ppbv		97
73) 1,3,5-Trimethylbenzene	16.00	105	1748905	6.979	ppbv		98
74) 1,2,4-Trimethylbenzene	16.76	105	1853857	7.044	ppbv		94
75) 1,3-Dichlorobenzene	16.99	146	1044186	7.345	ppbv		99
76) 1,4-Dichlorobenzene	17.14	146	1012345	7.177	ppbv		99
77) 1,2-Dichlorobenzene	17.82	146	1022954	7.515	ppbv		99
78) Hexachloro-1,3-Butadiene	23.37	225	787922	9.381	ppbv		99
79) Naphthalene	22.19	128	1571284	11.557	ppbv		99
80) Naphthalene,2-methyl-	24.97	142	248724	9.220	ppbv		96
81) 1,2,4-Trichlorobenzene	21.93	180	815170	10.484	ppbv		98

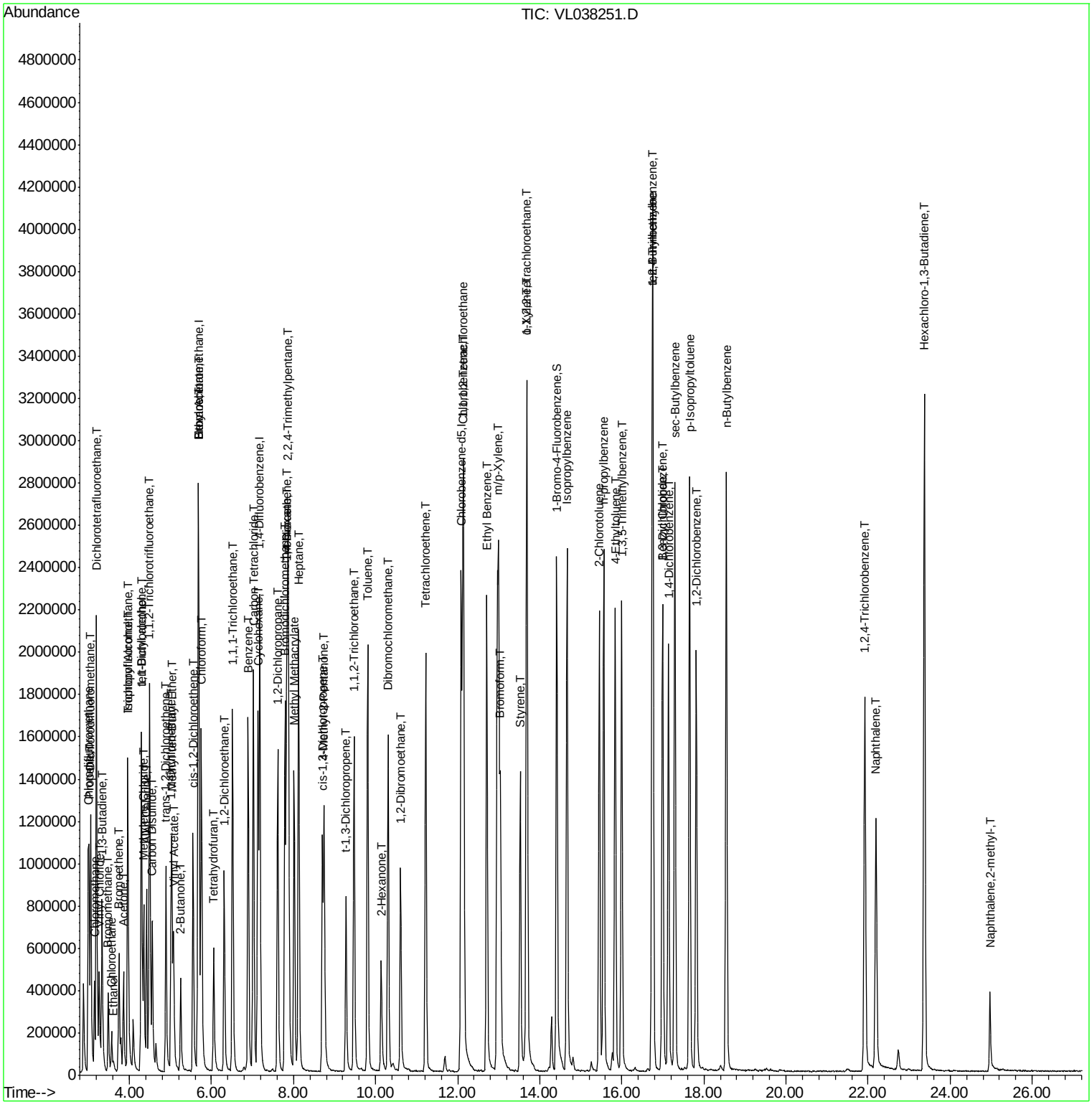
(#) = qualifier out of range (m) = manual integration (+) = signals summed

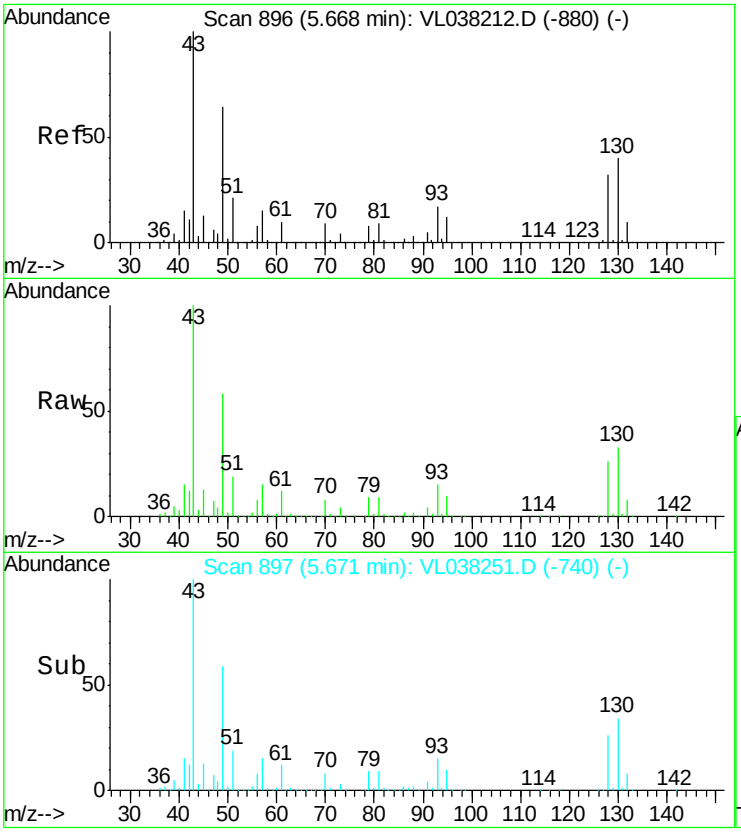
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL122921\
Data File : VL038251.D
Acq On : 30 Dec 2021 8:24
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Quant Time: Dec 31 05:43:34 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL122121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Dec 21 17:47:08 2021
QLast Update : Tue Dec 21 17:47:08 2021
Response via : Initial Calibration



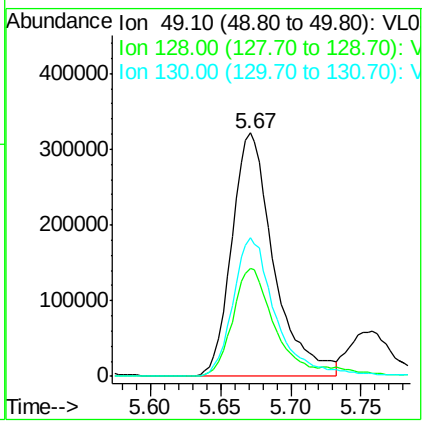


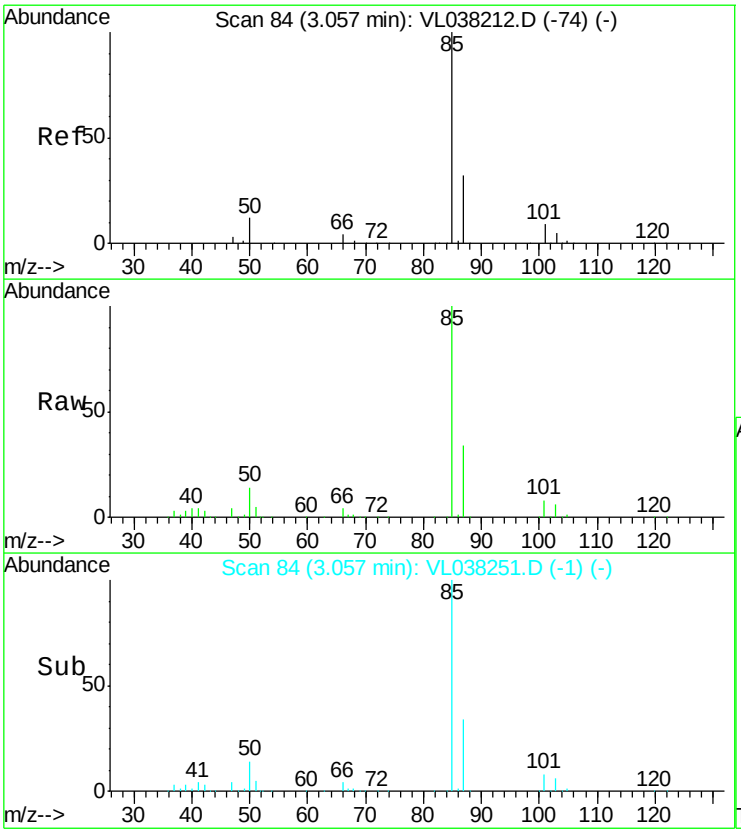
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 49 Resp: 669307

Ion	Ratio	Lower	Upper
49	100		
128	47.4	26.9	80.6
130	58.6	32.3	96.9

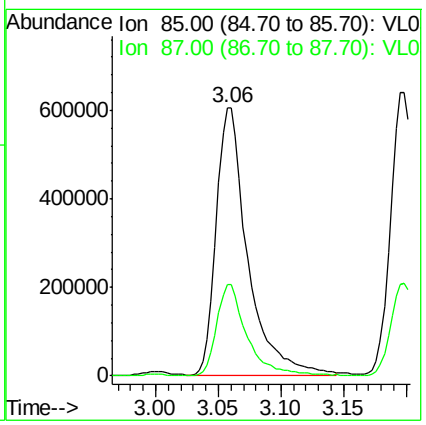


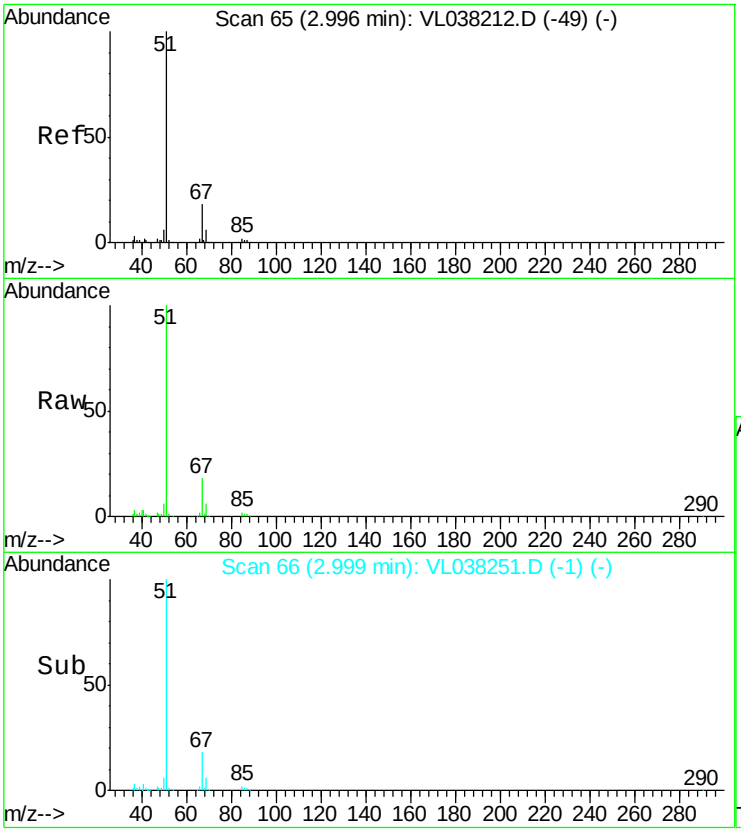


#2
Dichlorodifluoromethane
Concen: 8.340 ppbv
RT: 3.06 min Scan# 84
Delta R.T. 0.00 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion: 85 Resp: 1051802

Ion	Ratio	Lower	Upper
85	100		
87	34.1	25.4	38.2



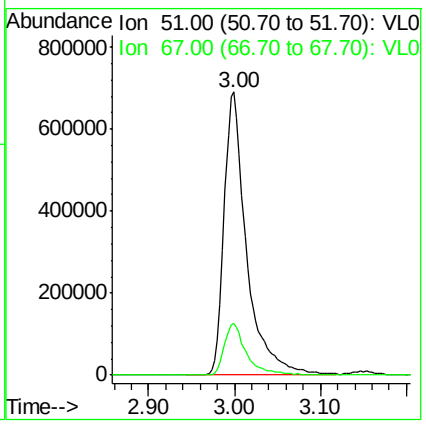


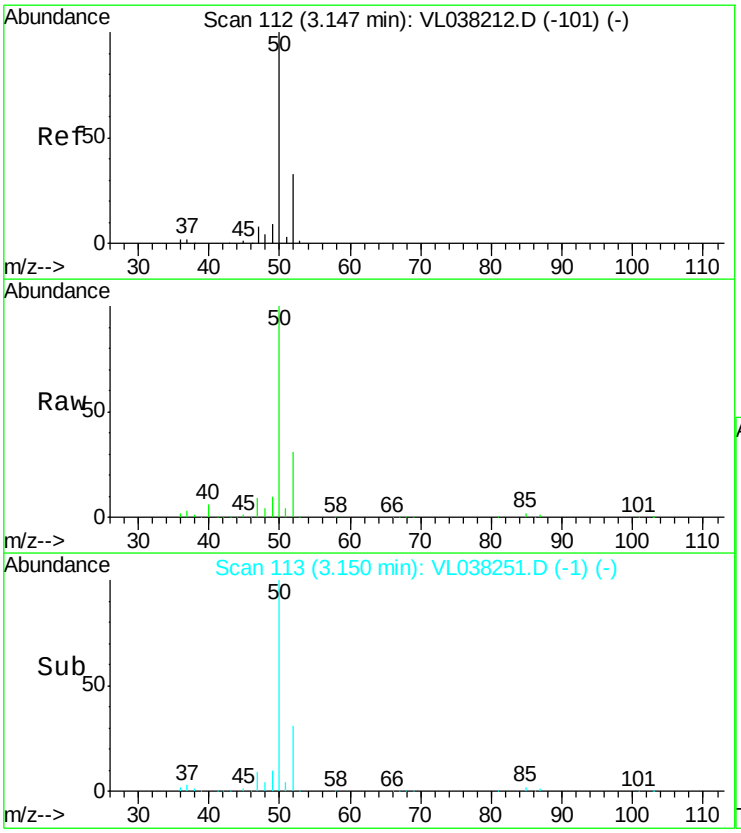
#3
Chlorodifluoromethane
Concen: 8.939 ppbv
RT: 3.00
Delta R.T
Lab File:
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 1257216

Ion	Ratio	Lower	Upper
51	100		
67	18.3	14.0	21.0

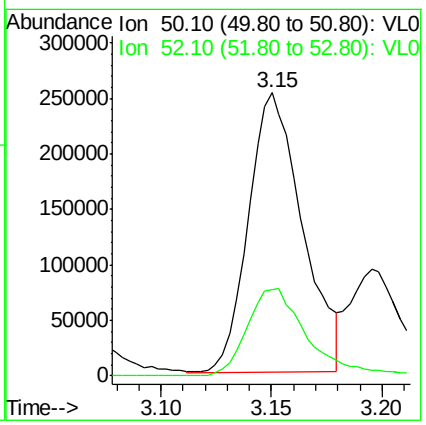


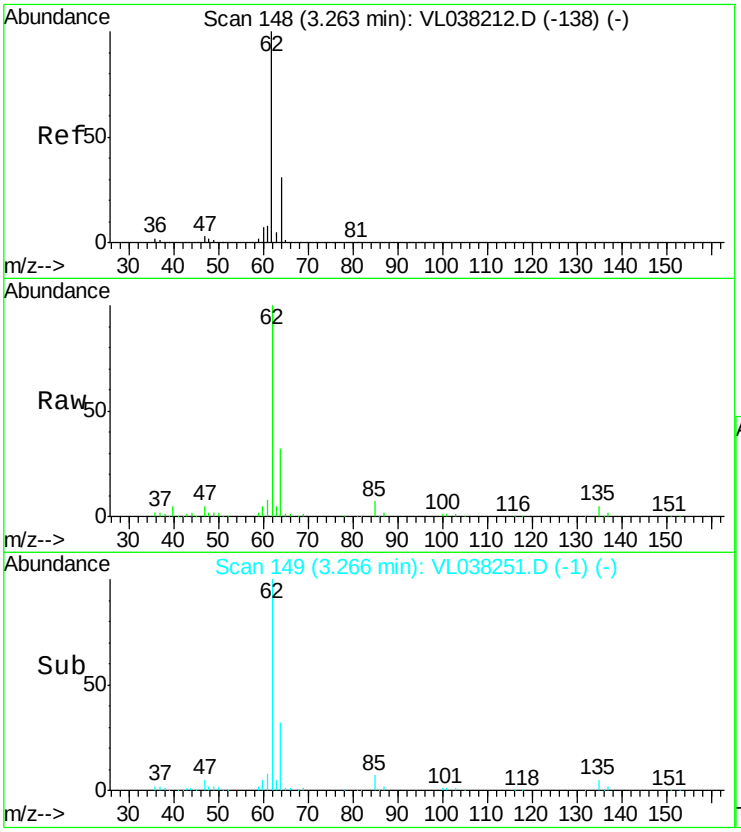


#4
Chloromethane
Concen: 8.786 ppbv
RT: 3.15 min Scan# 113
Delta R.T. 0.00 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion: 50 Resp: 428486

Ion	Ratio	Lower	Upper
50	100		
52	31.0	26.2	39.2



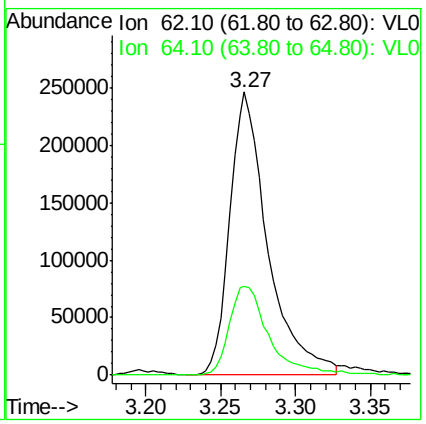


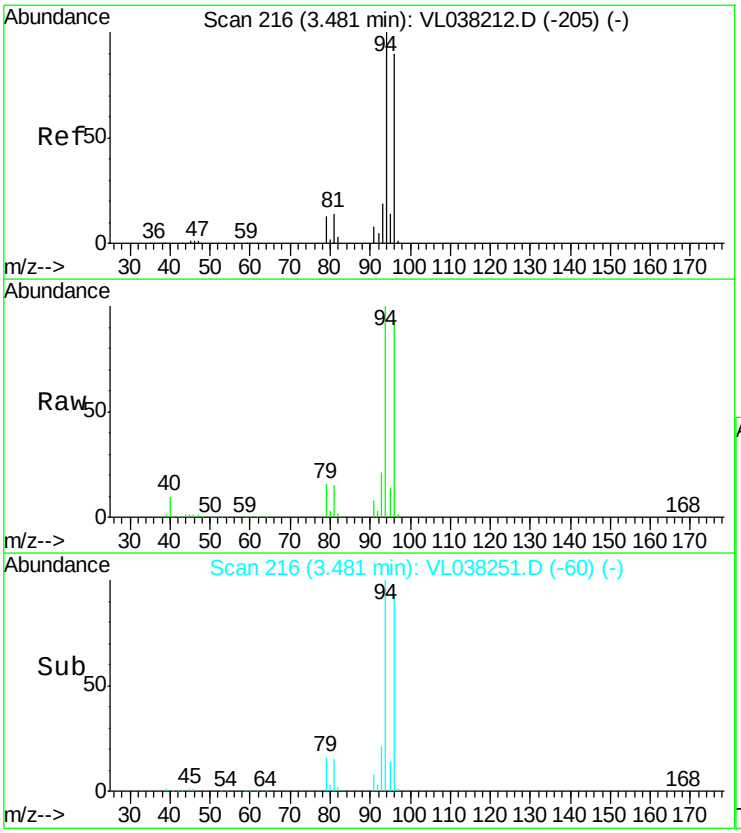
#5
Vinyl Chloride
Concen: 8.845 ppbv
RT: 3.27
Delta R.T
Lab File:
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 433550

Ion	Ratio	Lower	Upper
62	100		
64	31.6	25.1	37.7

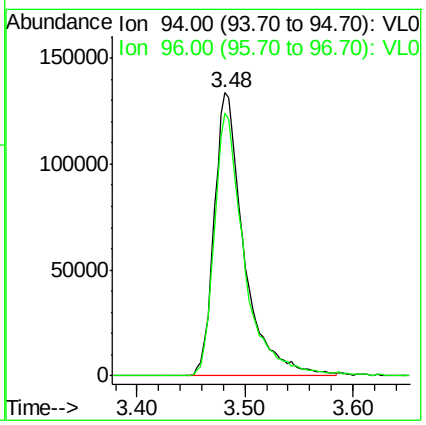


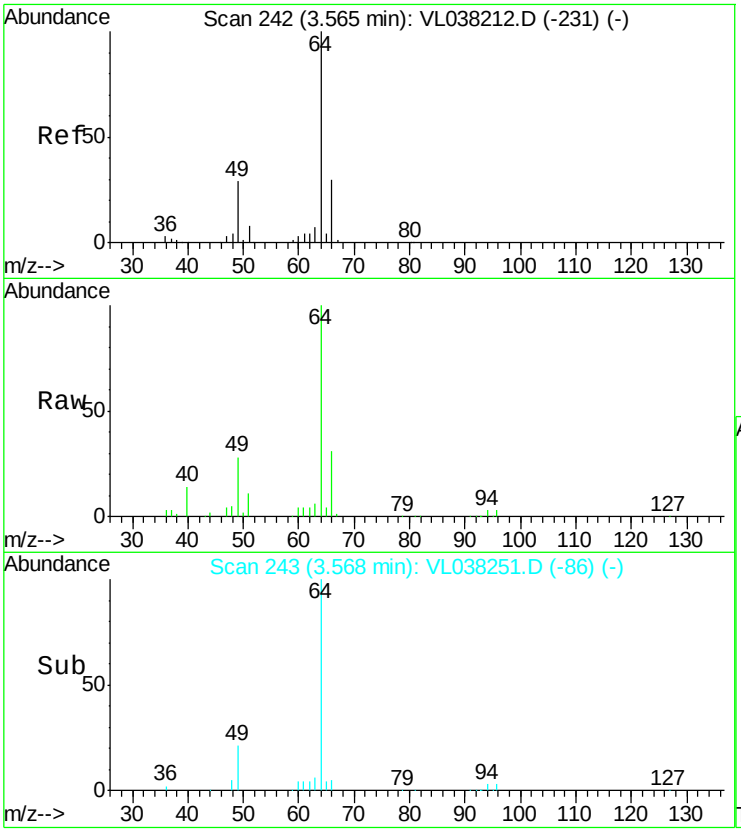


#6
Bromomethane
Concen: 10.326 ppbv
RT: 3.48 min Scan# 216
Delta R.T. 0.00 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion: 94 Resp: 257901

Ion	Ratio	Lower	Upper
94	100		
96	92.8	72.2	108.2



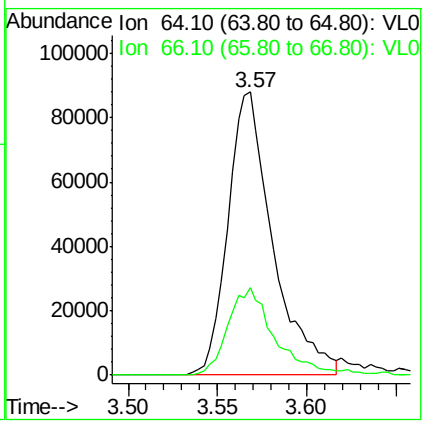


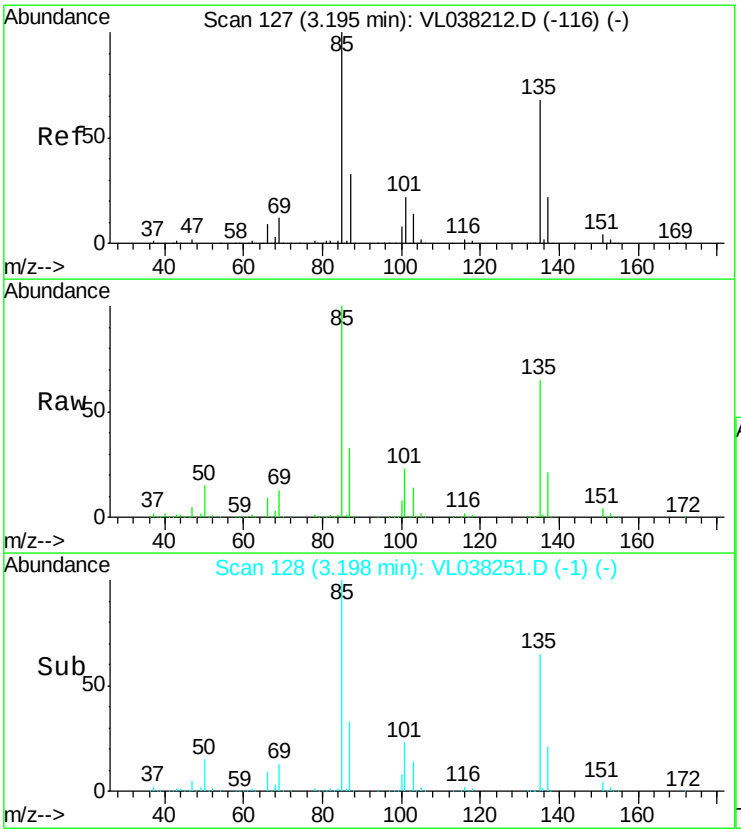
#7
Chloroethane
Concen: 9.263 ppbv
RT: 3.57
Delta R.T
Lab File:
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 64 Resp: 152901

Ion	Ratio	Lower	Upper
64	100		
66	30.9	23.6	35.4

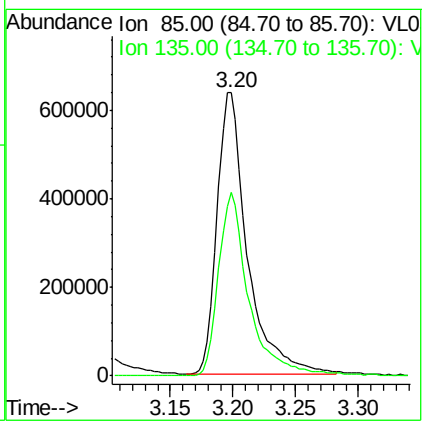


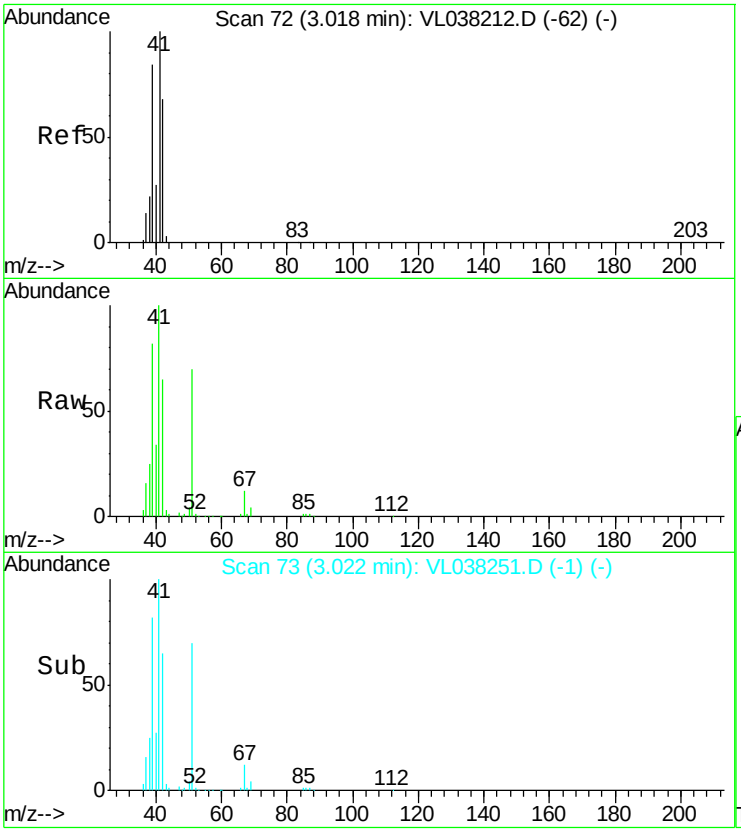


#8
Dichlorotetrafluoroethane
Concen: 8.886 ppbv
RT: 3.20 min Scan# 128
Delta R.T. 0.00 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion: 85 Resp: 1063590

Ion	Ratio	Lower	Upper
85	100		
135	66.5	57.7	86.5



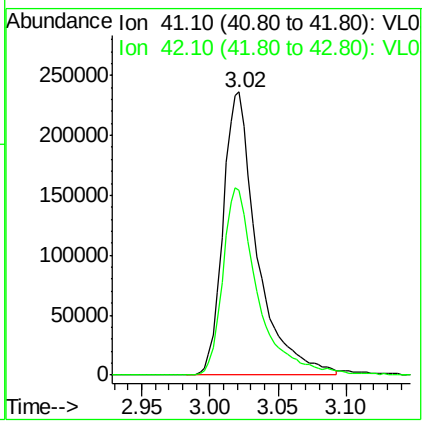


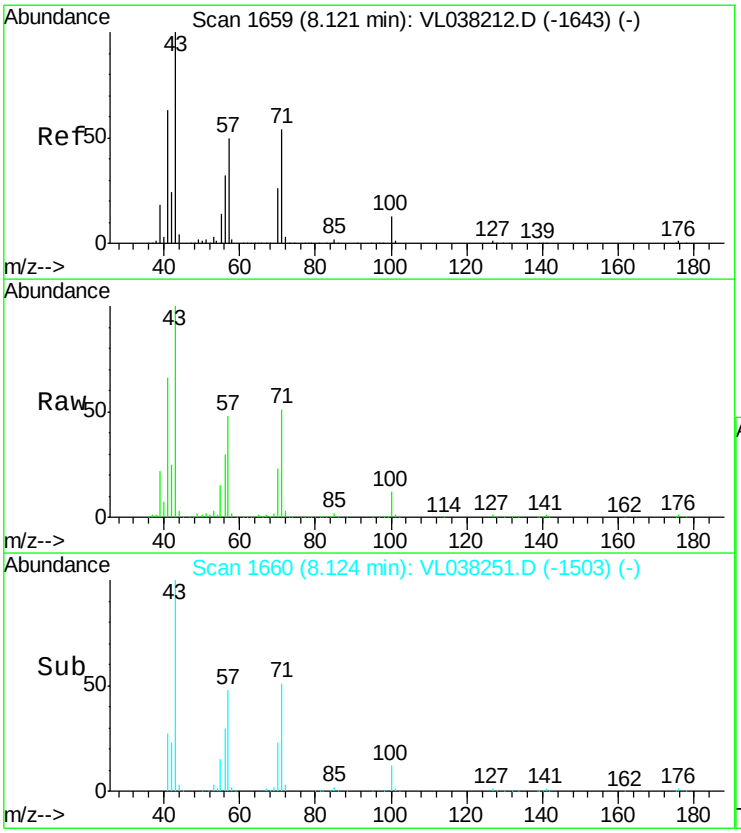
#9
Propene
Concen: 8.440 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 41 Resp: 412148

Ion	Ratio	Lower	Upper
41	100		
42	68.5	55.5	83.3

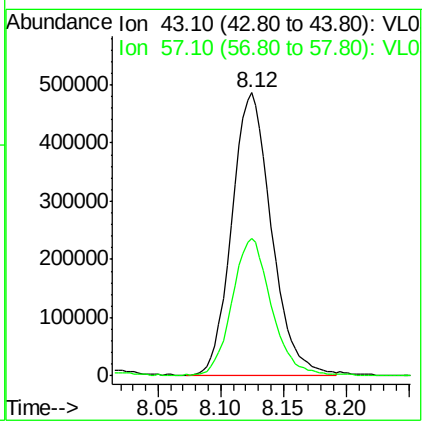


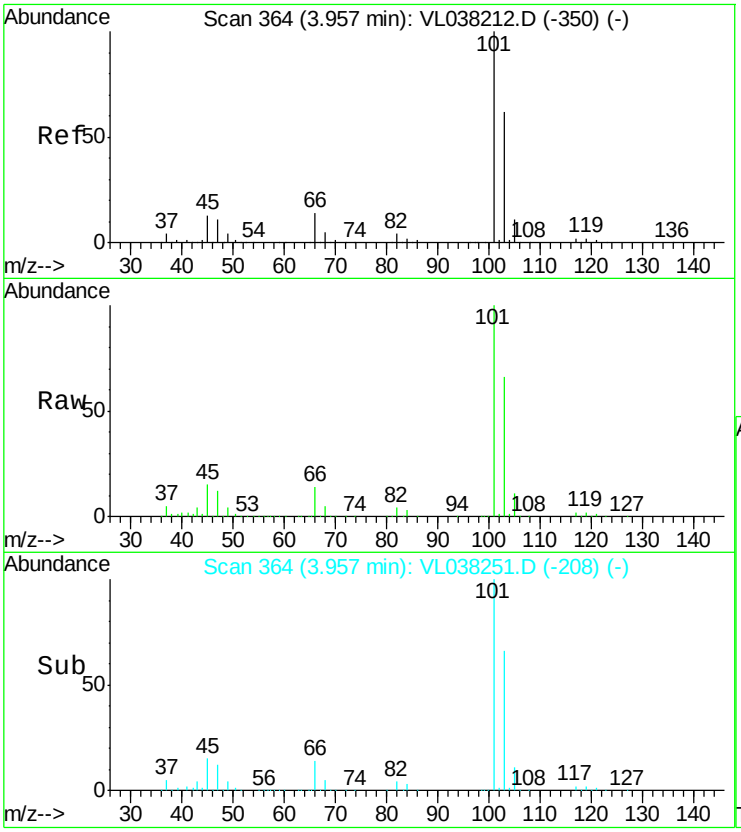


#10
Heptane
Concen: 8.558 ppbv
RT: 8.12 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion: 43 Resp: 1060111

Ion	Ratio	Lower	Upper
43	100		
57	48.3	40.3	60.5



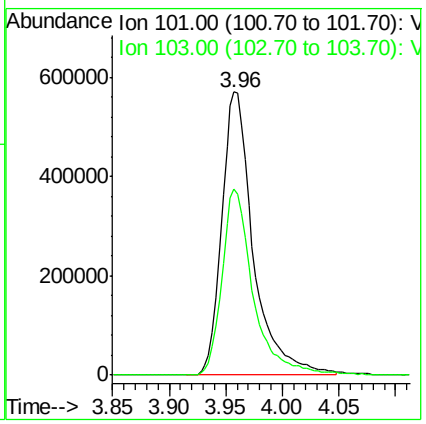


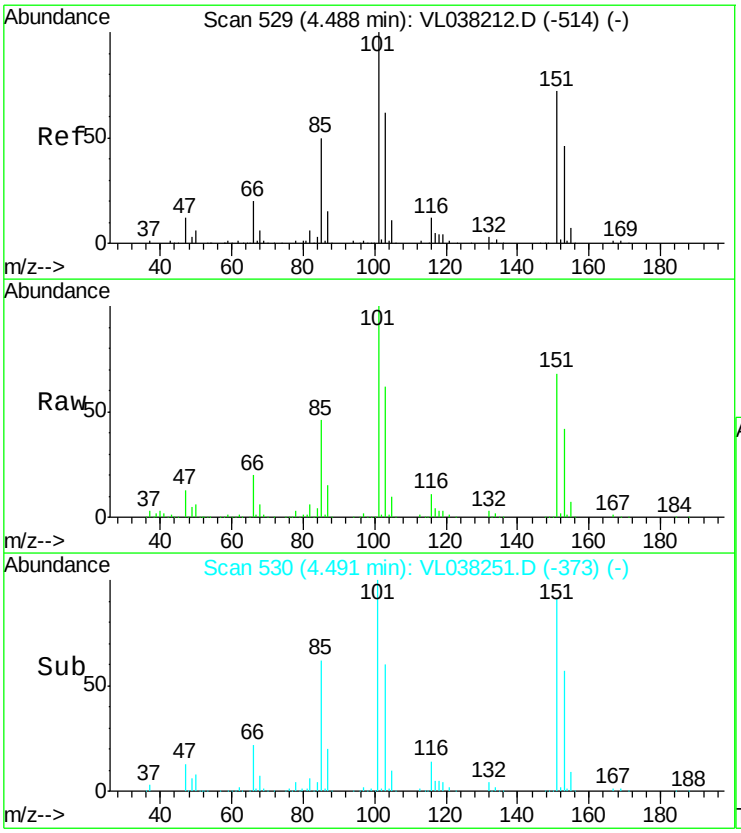
#11
Trichlorofluoromethane
Concen: 9.569 ppbv
RT: 3.96
Delta R.T
Lab File:
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:101 Resp: 1108311

Ion	Ratio	Lower	Upper
101	100		
103	65.9	49.9	74.9

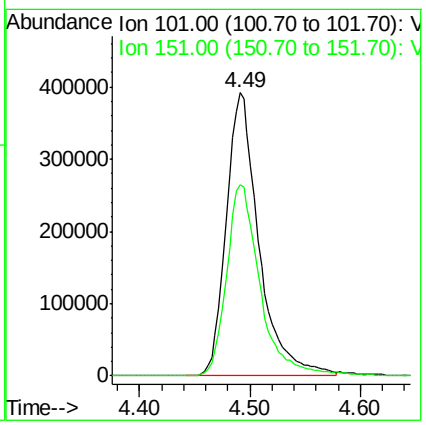


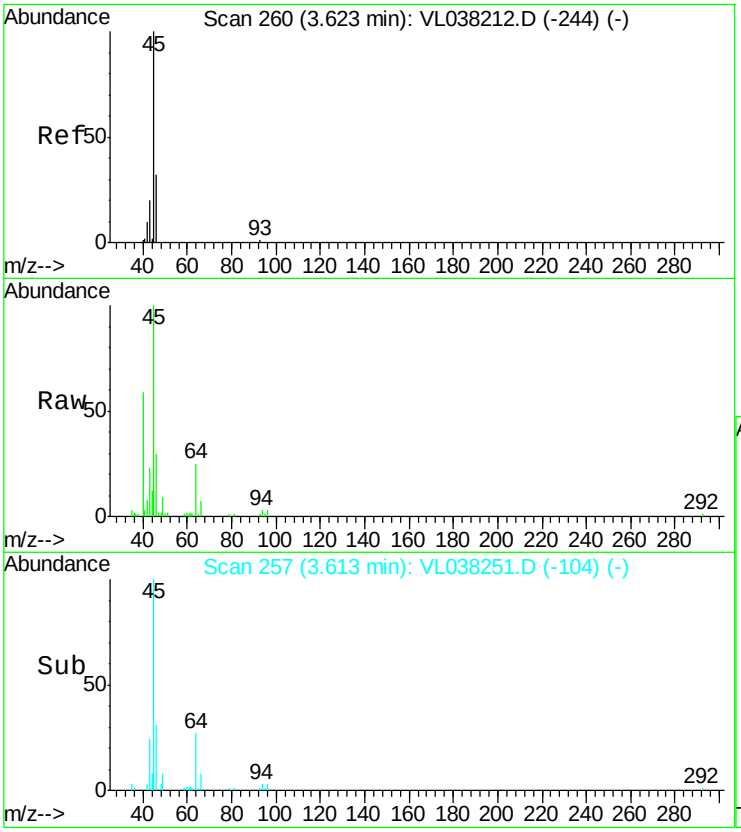


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.226 ppbv
RT: 4.49 min Scan# 530
Delta R.T. 0.00 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion:101 Resp: 807105

Ion	Ratio	Lower	Upper
101	100		
151	69.4	58.6	87.8



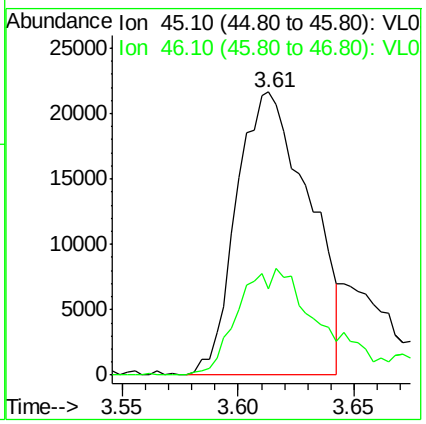


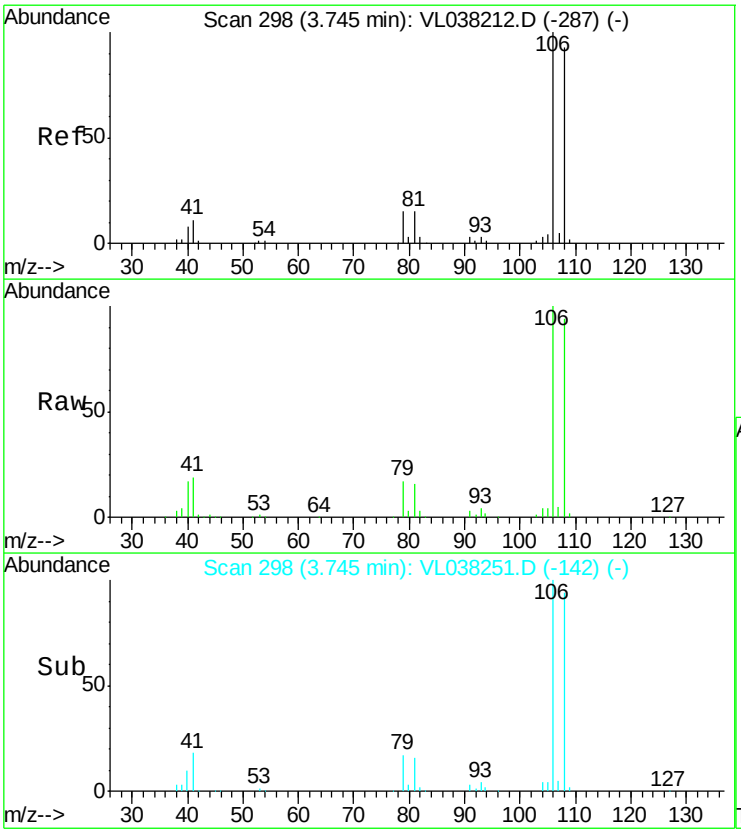
#13
Ethanol
Concen: 5.684 ppbv
RT: 3.61
Delta R.T
Lab File:
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 47061

Ion	Ratio	Lower	Upper
45	100		
46	48.0	0.0	0.0#

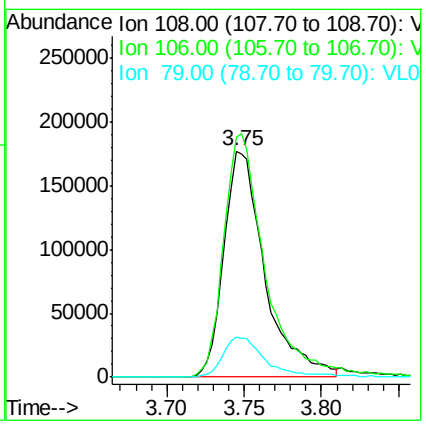


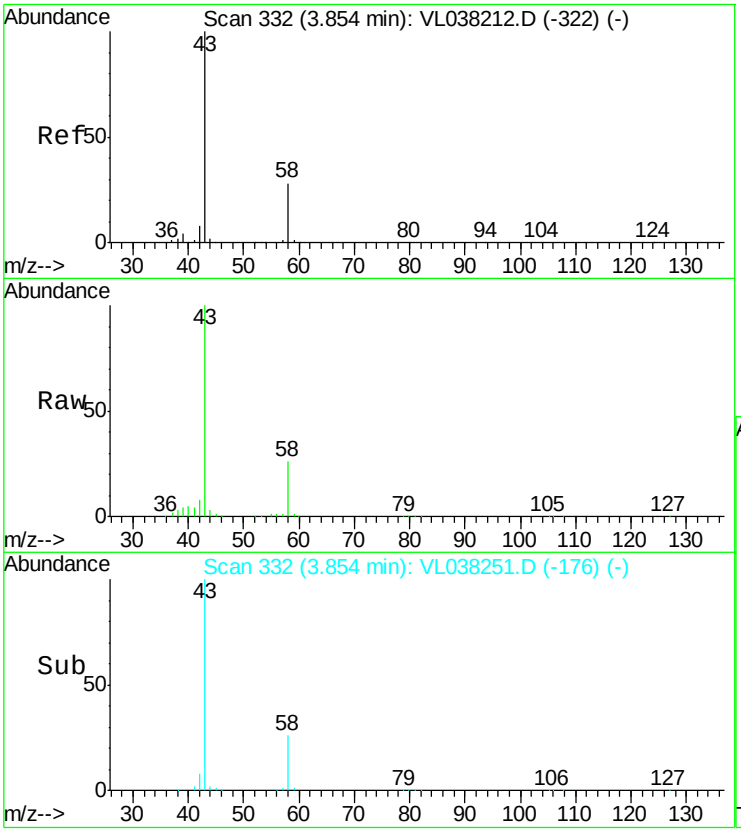


#14
Bromoethene
Concen: 9.357 ppbv
RT: 3.75 min Scan# 298
Delta R.T. 0.00 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion:108 Resp: 326130

Ion	Ratio	Lower	Upper
108	100		
106	110.8	88.2	132.2
79	18.6	13.7	20.5



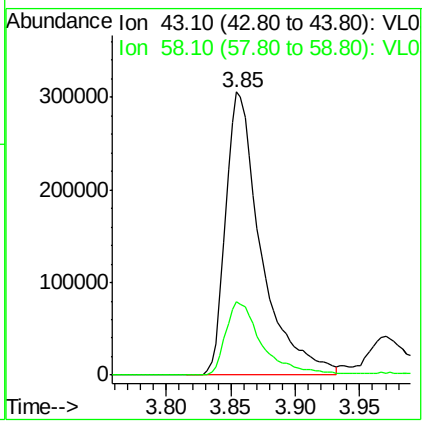


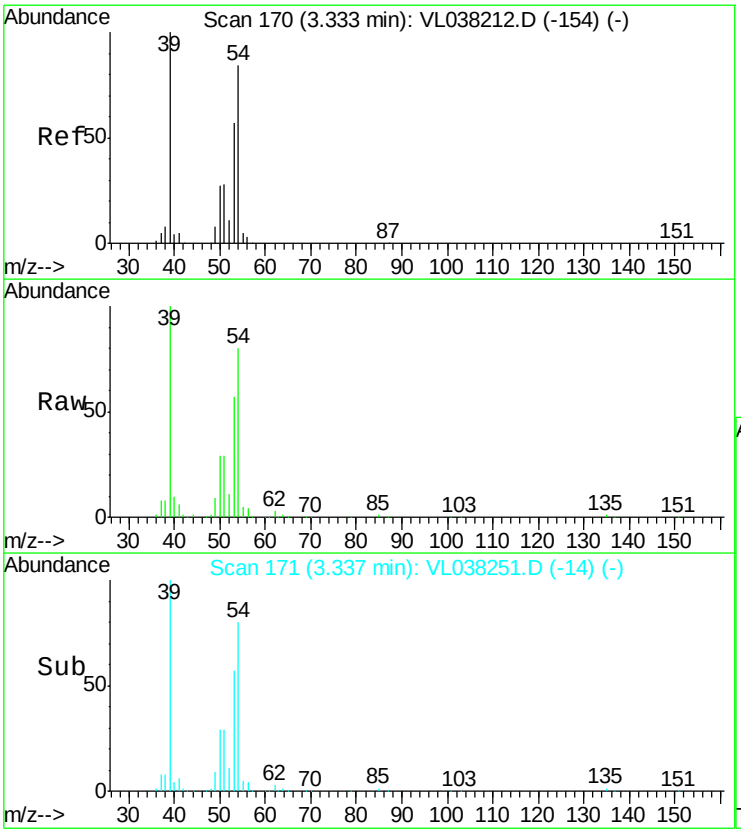
#15
Acetone
Concen: 8.704 ppbv
RT: 3.85
Delta R.T
Lab File:
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 584669

Ion	Ratio	Lower	Upper
43	100		
58	26.8	23.3	34.9

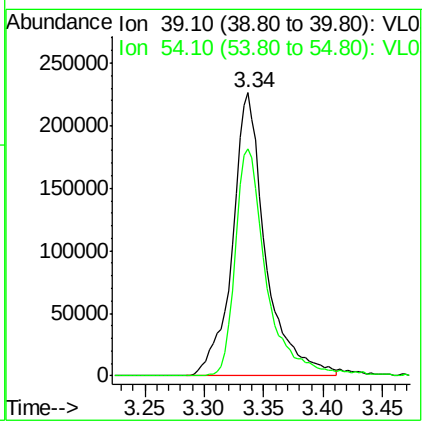


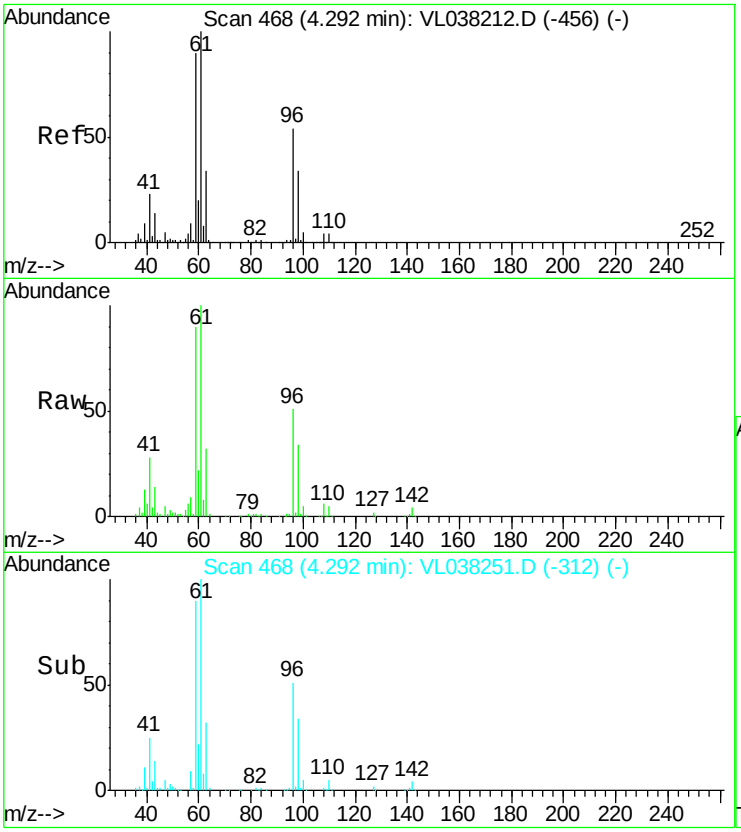


#16
1,3-Butadiene
Concen: 9.490 ppbv
RT: 3.34 min Scan# 171
Delta R.T. 0.00 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion: 39 Resp: 434245

Ion	Ratio	Lower	Upper
39	100		
54	76.3	62.9	94.3



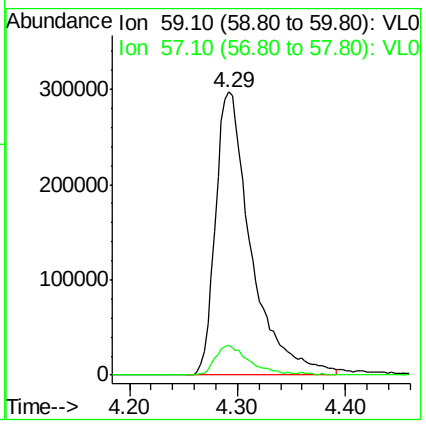


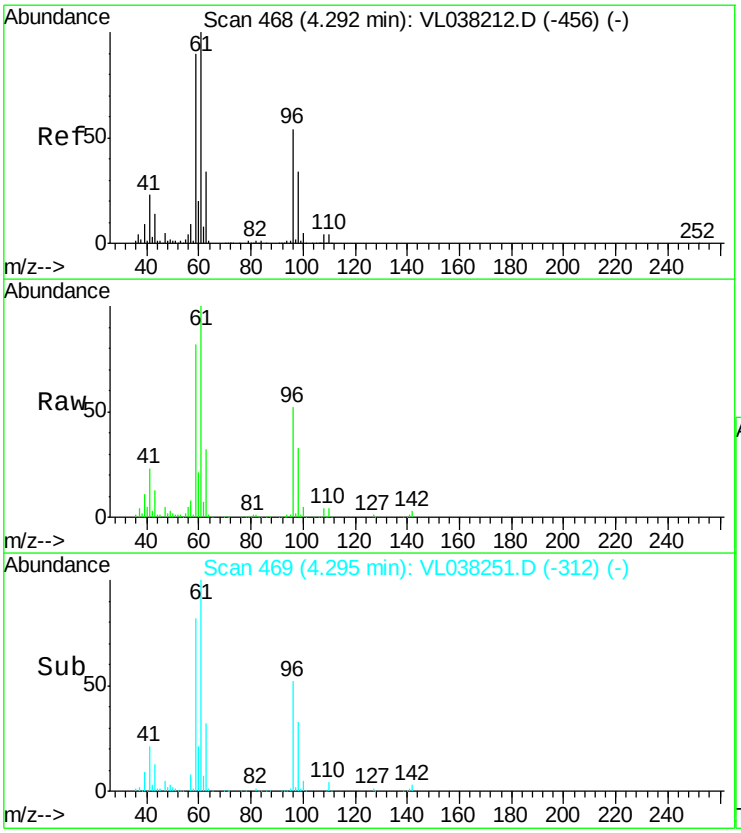
#17
tert-Butyl alcohol
Concen: 9.245 ppbv
RT: 4.29
Delta R.T
Lab File:
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 682076

Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.7	13.1

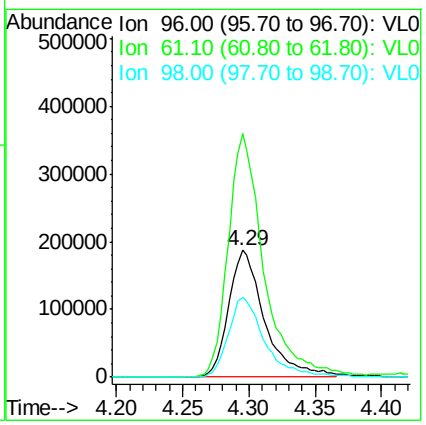


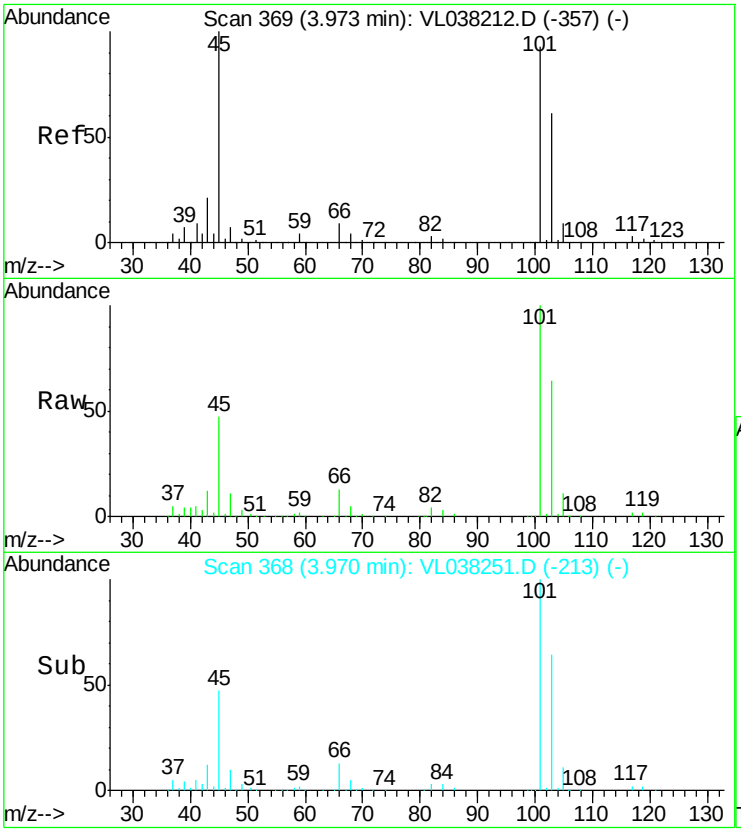


#18
1,1-Dichloroethene
Concen: 9.202 ppbv
RT: 4.29 min Scan# 469
Delta R.T. 0.00 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion: 96 Resp: 352543

Ion	Ratio	Lower	Upper
96	100		
61	192.0	147.4	221.0
98	63.0	50.7	76.1



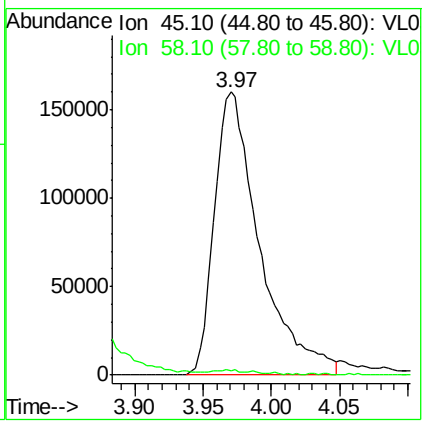


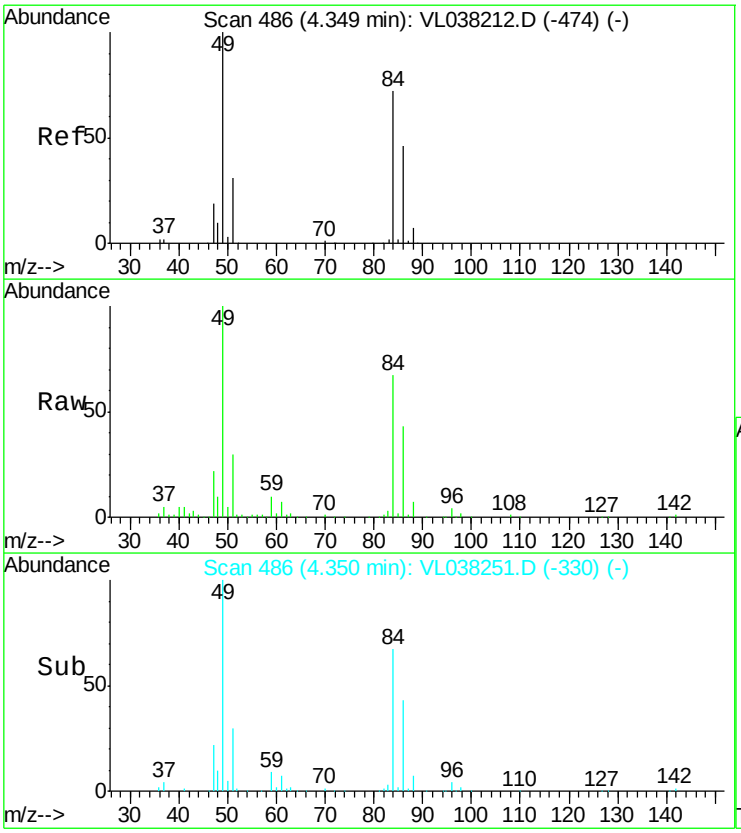
#19
Isopropyl Alcohol
Concen: 8.706 ppbv
RT: 3.97
Delta R.T
Lab File:
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 364770

Ion	Ratio	Lower	Upper
45	100		
58	1.6	32.4	48.6#

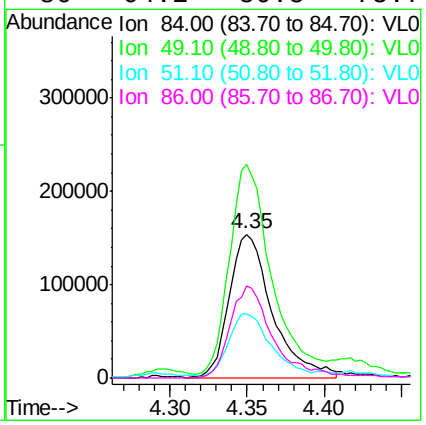


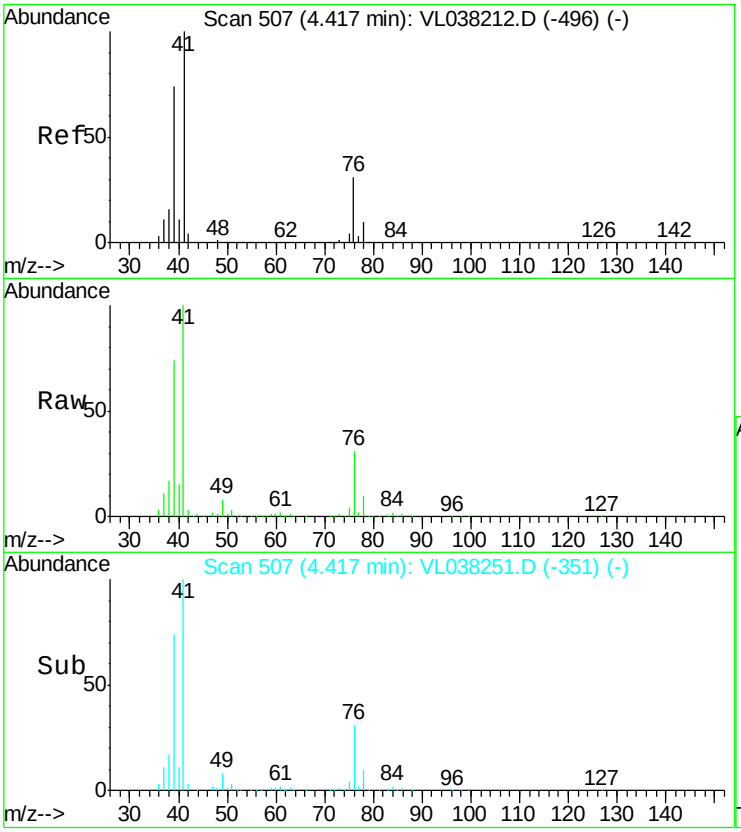


#20
Methylene Chloride
Concen: 7.745 ppbv
RT: 4.35 min Scan# 486
Delta R.T. 0.00 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion: 84 Resp: 293715

Ion	Ratio	Lower	Upper
84	100		
49	146.2	110.6	166.0
51	43.0	34.2	51.2
86	64.2	50.5	75.7



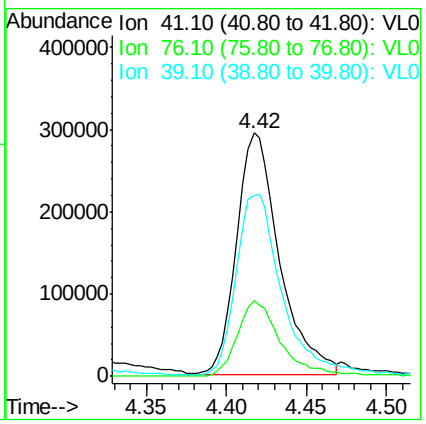


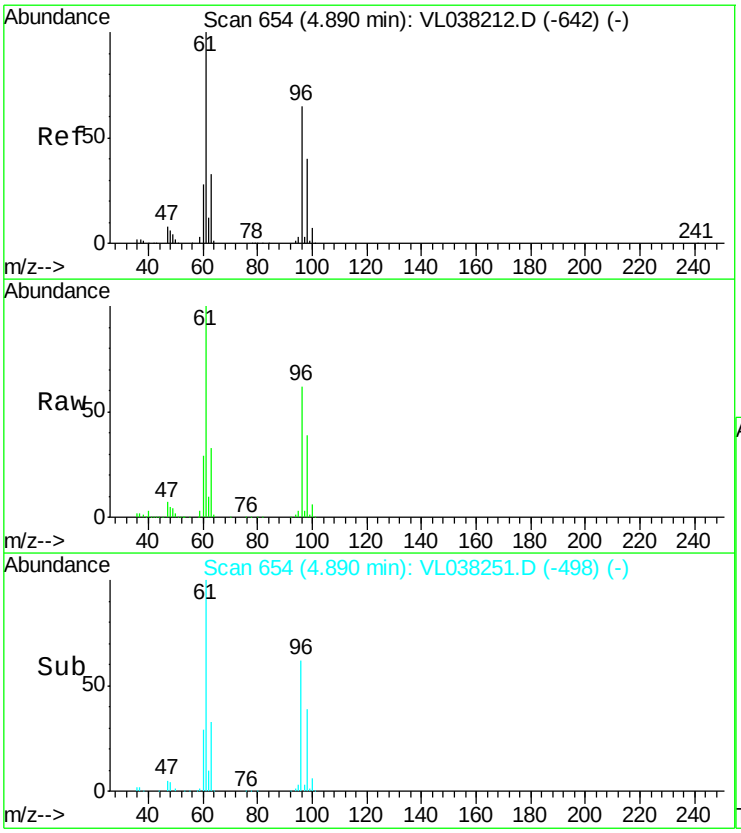
#21
Allyl Chloride
Concen: 9.479 ppbv
RT: 4.42
Delta R.T
Lab File:
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 41 Resp: 538640

Ion	Ratio	Lower	Upper
41	100		
76	31.9	25.2	37.8
39	80.8	66.1	99.1

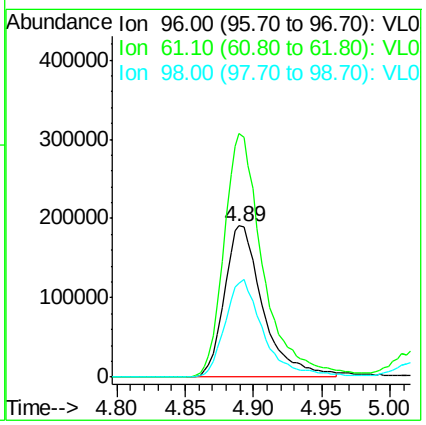


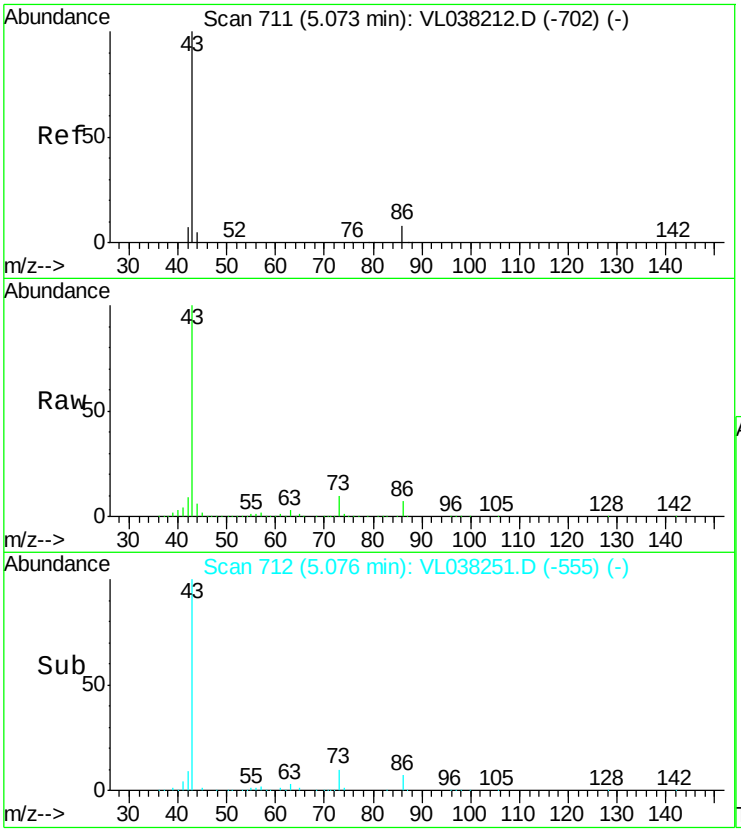


#22
trans-1,2-Dichloroethene
Concen: 9.586 ppbv
RT: 4.89 min Scan# 654
Delta R.T. 0.00 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion: 96 Resp: 374733

Ion	Ratio	Lower	Upper
96	100		
61	160.6	123.5	185.3
98	62.3	50.0	75.0



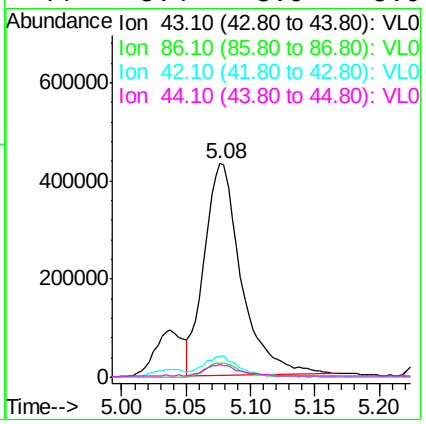


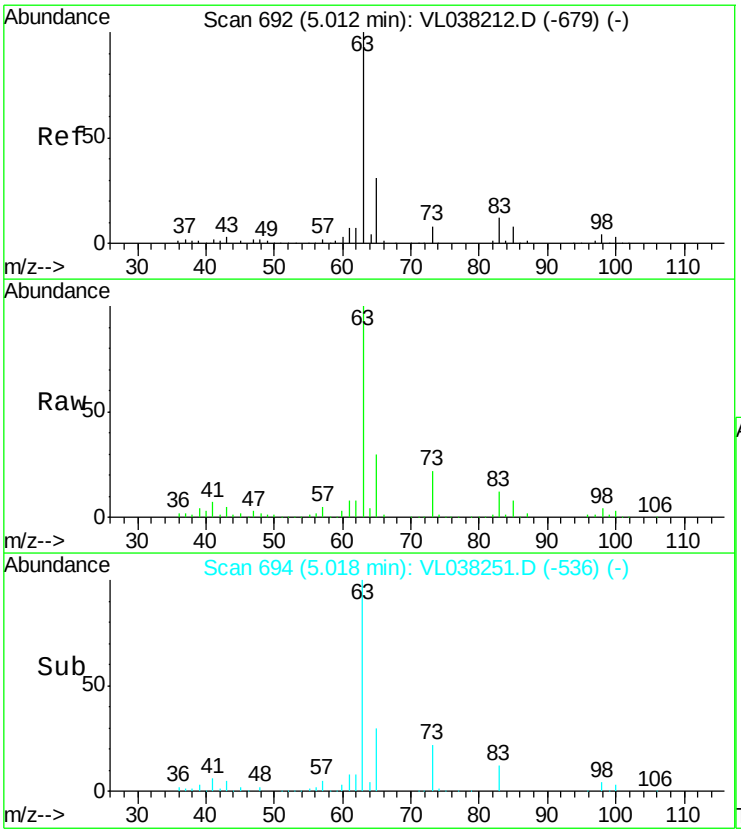
#23
Vinyl Acetate
Concen: 9.451 ppbv
RT: 5.08
Delta R.T
Lab File:
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 859610

Ion	Ratio	Lower	Upper
43	100		
86	6.8	5.6	8.4
42	9.4	7.0	10.4
44	5.4	3.9	5.9

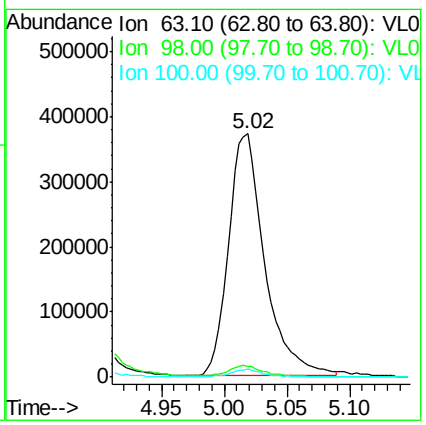


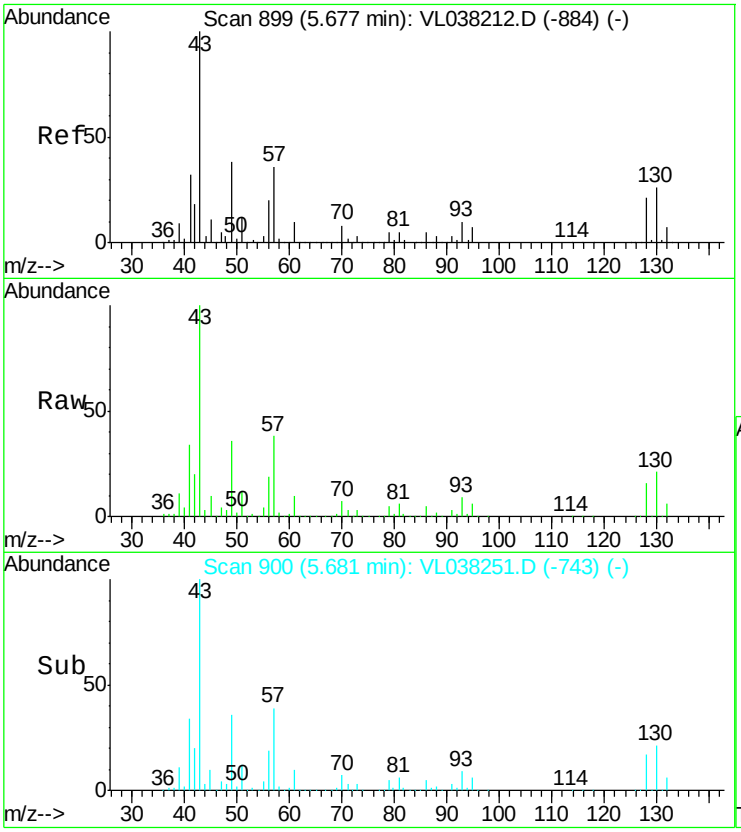


#24
1,1-Dichloroethane
Concen: 9.148 ppbv
RT: 5.02 min Scan# 694
Delta R.T. 0.01 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion: 63 Resp: 744048

Ion	Ratio	Lower	Upper
63	100		
98	4.1	2.2	6.6
100	3.3	1.5	4.4



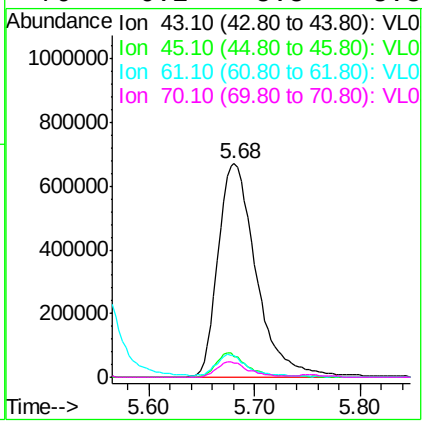


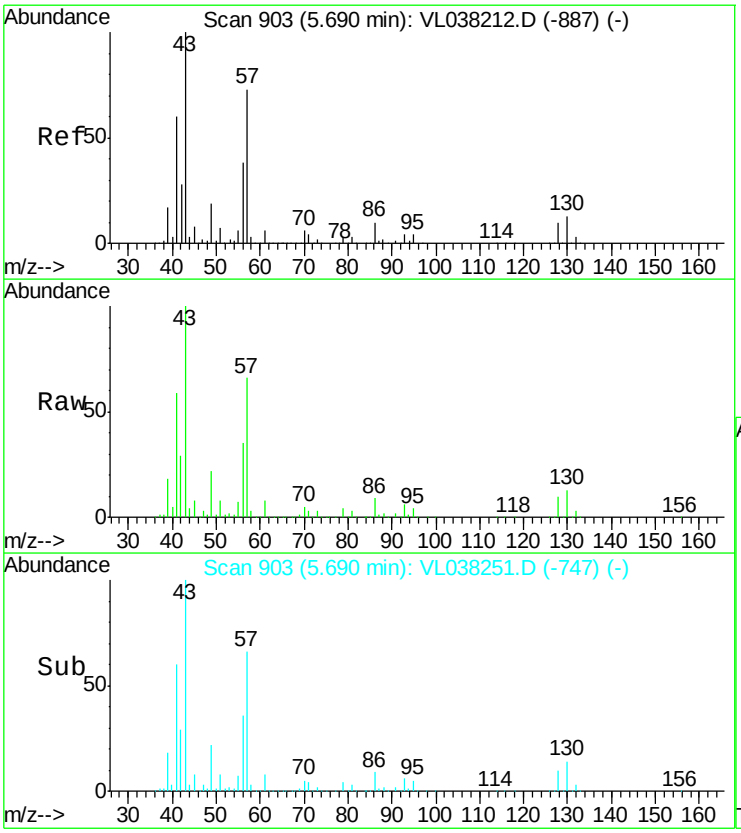
#25
Ethyl Acetate
Concen: 9.178 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 1670215

Ion	Ratio	Lower	Upper
43	100		
45	9.6	7.9	11.9
61	9.6	8.1	12.1
70	6.2	5.5	8.3

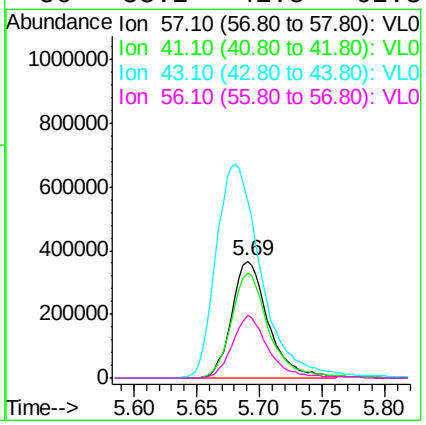


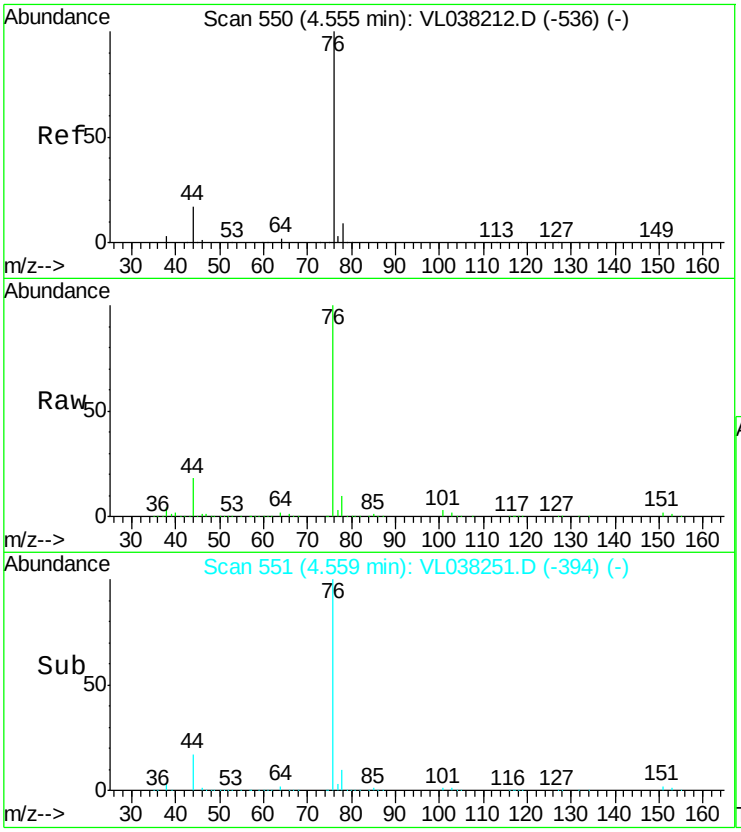


#26
Hexane
Concen: 8.125 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.00 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion: 57 Resp: 741873

Ion	Ratio	Lower	Upper
57	100		
41	93.5	69.0	103.6
43	227.5	171.2	256.8
56	53.2	41.5	62.3



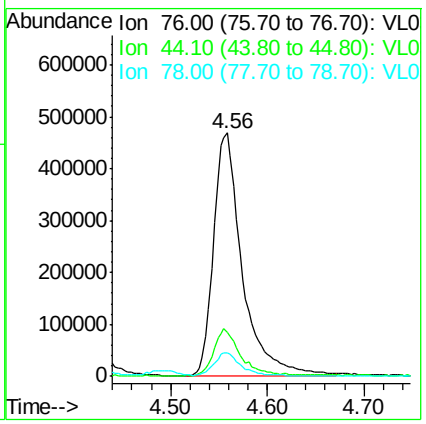


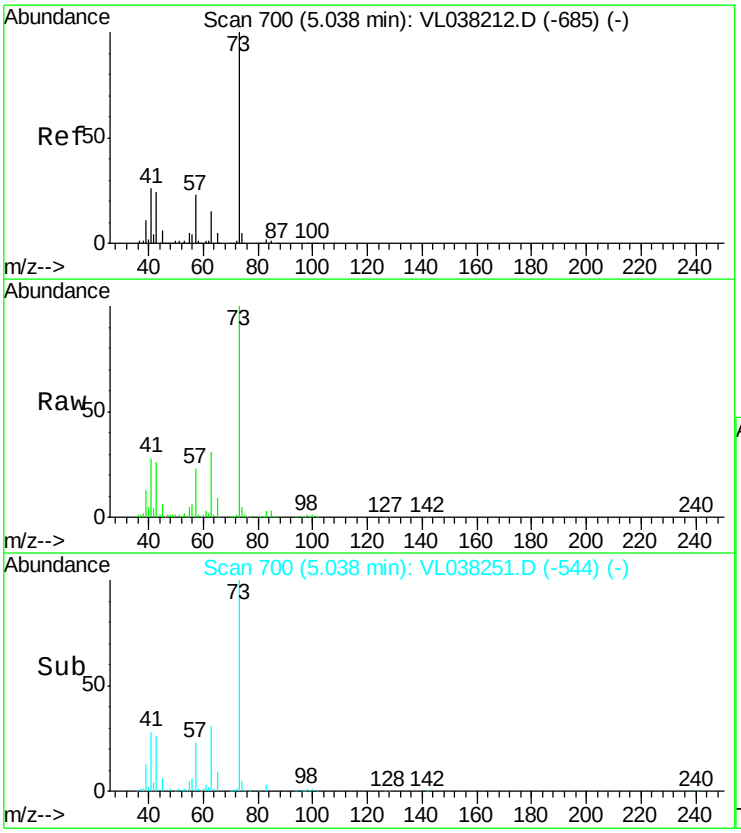
#27
Carbon Disulfide
Concen: 12.059 ppbv
RT: 4.56
Delta R.T
Lab File:
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 76 Resp: 969270

Ion	Ratio	Lower	Upper
76	100		
44	18.8	14.2	21.4
78	9.9	7.7	11.5

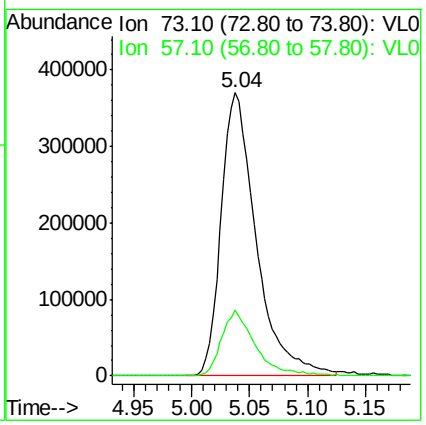


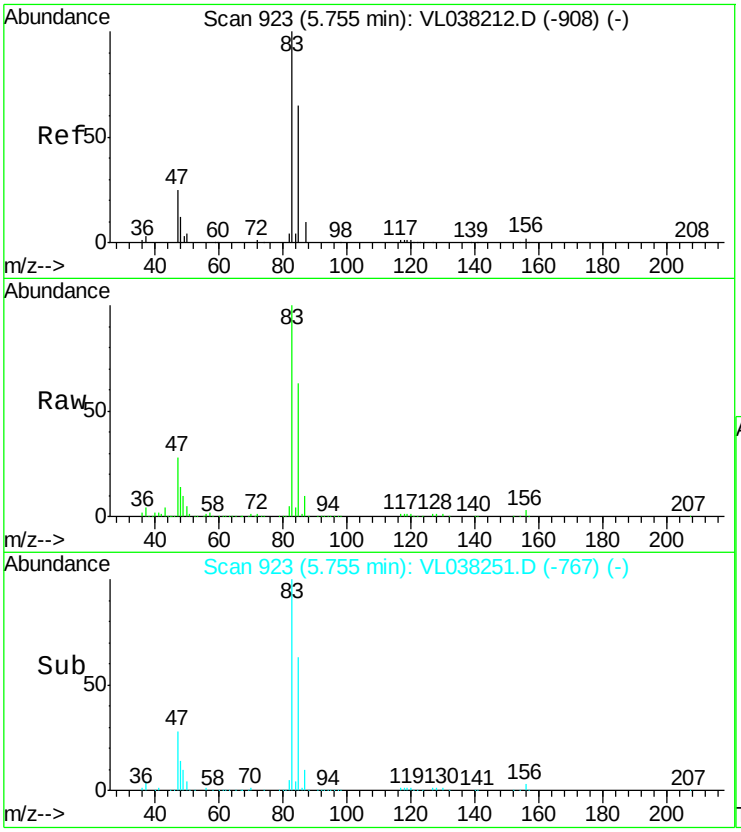


#28
Methyl tert-Butyl Ether
Concen: 8.462 ppbv
RT: 5.04 min Scan# 700
Delta R.T. 0.00 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion: 73 Resp: 776398

Ion	Ratio	Lower	Upper
73	100		
57	22.7	18.8	28.2



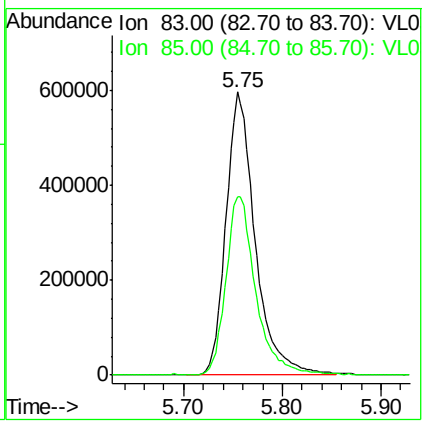


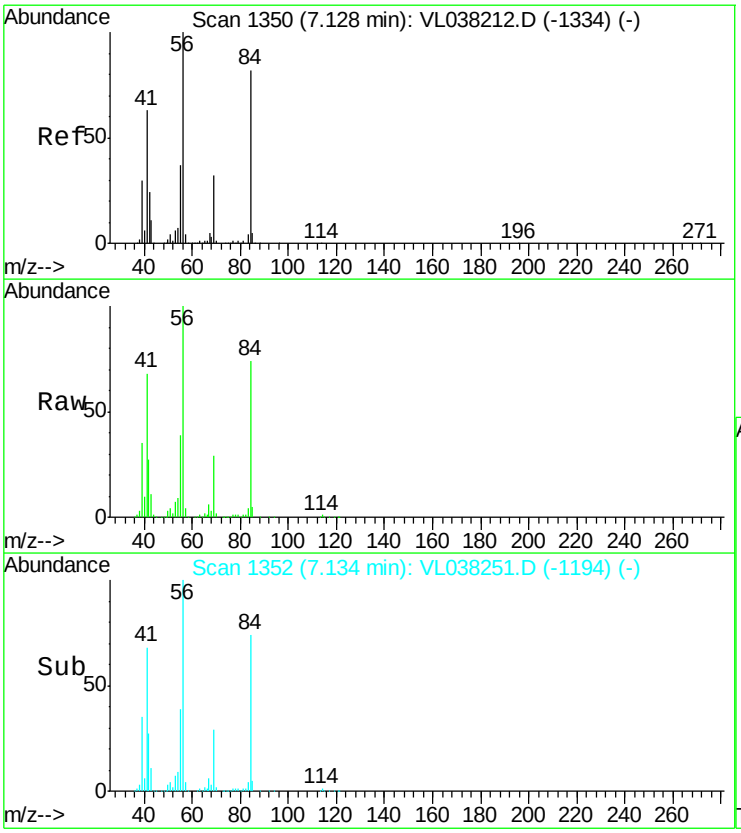
#29
Chloroform
Concen: 9.102 ppbv
RT: 5.75
Delta R.T
Lab File:
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 1233239

Ion	Ratio	Lower	Upper
83	100		
85	62.7	52.2	78.4

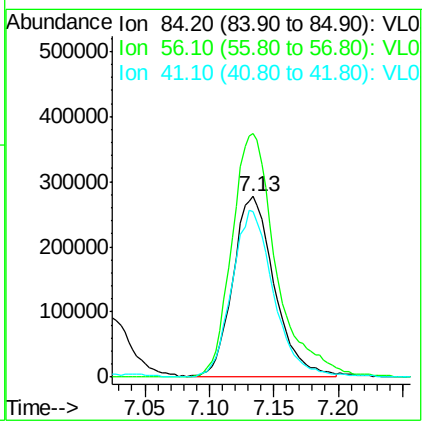


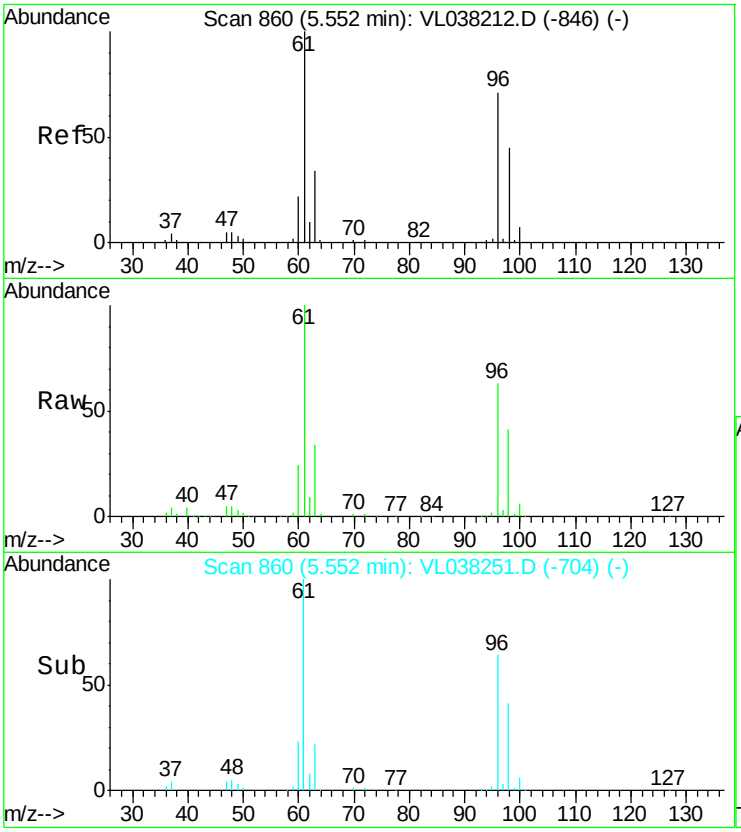


#30
Cyclohexane
Concen: 7.710 ppbv
RT: 7.13 min Scan# 1352
Delta R.T. 0.01 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion: 84 Resp: 623482

Ion	Ratio	Lower	Upper
84	100		
56	144.4	105.2	157.8
41	93.4	63.2	94.8



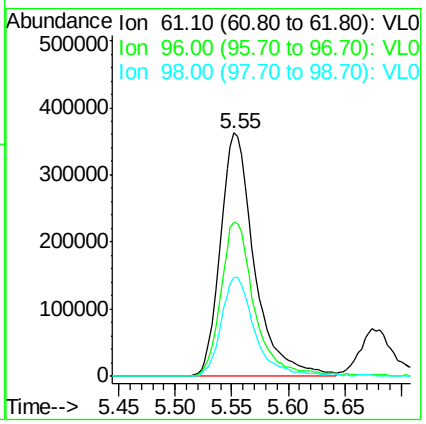


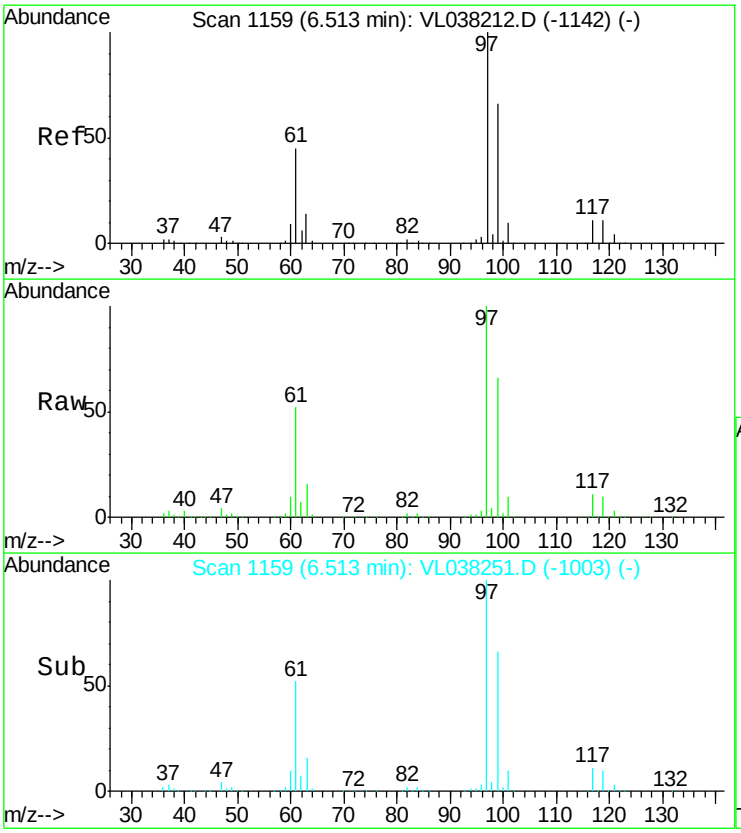
#31
cis-1,2-Dichloroethene
Concen: 10.599 ppbv
RT: 5.55
Delta R.T
Lab File:
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 61 Resp: 758969

Ion	Ratio	Lower	Upper
61	100		
96	63.0	56.6	84.8
98	40.8	36.3	54.5

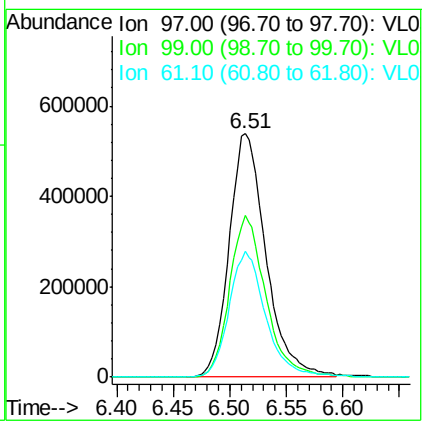


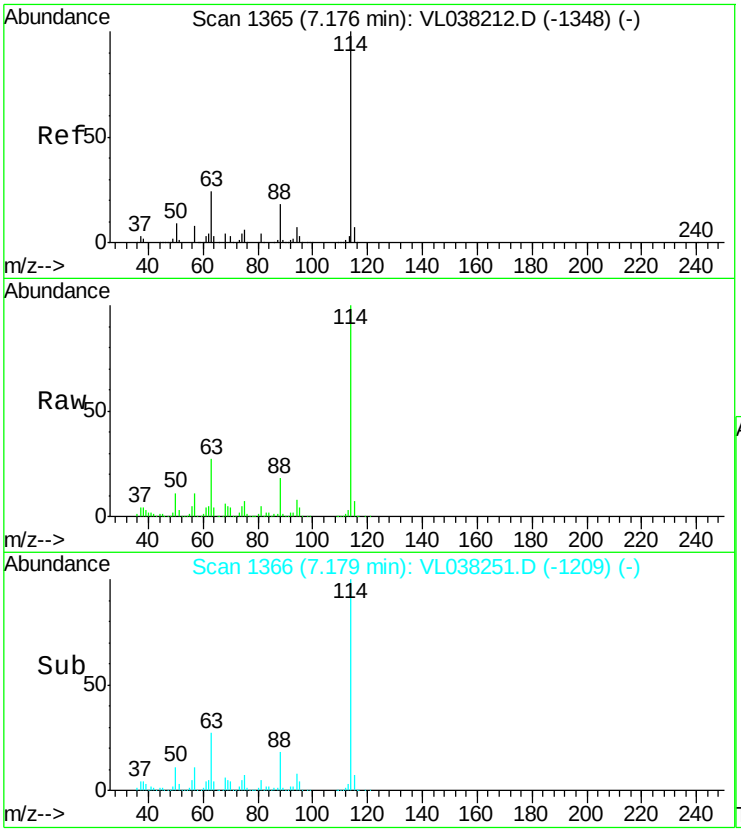


#32
1,1,1-Trichloroethane
Concen: 9.092 ppbv
RT: 6.51 min Scan# 1159
Delta R.T. 0.00 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion: 97 Resp: 1222225

Ion	Ratio	Lower	Upper
97	100		
99	65.3	52.4	78.6
61	51.7	37.2	55.8



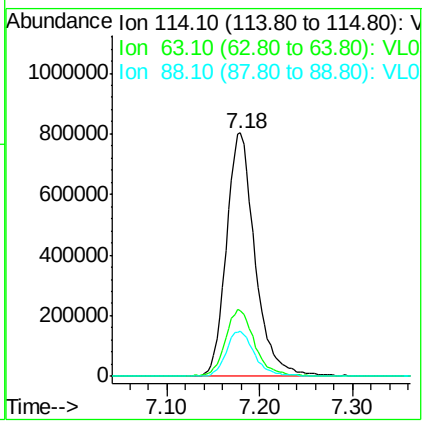


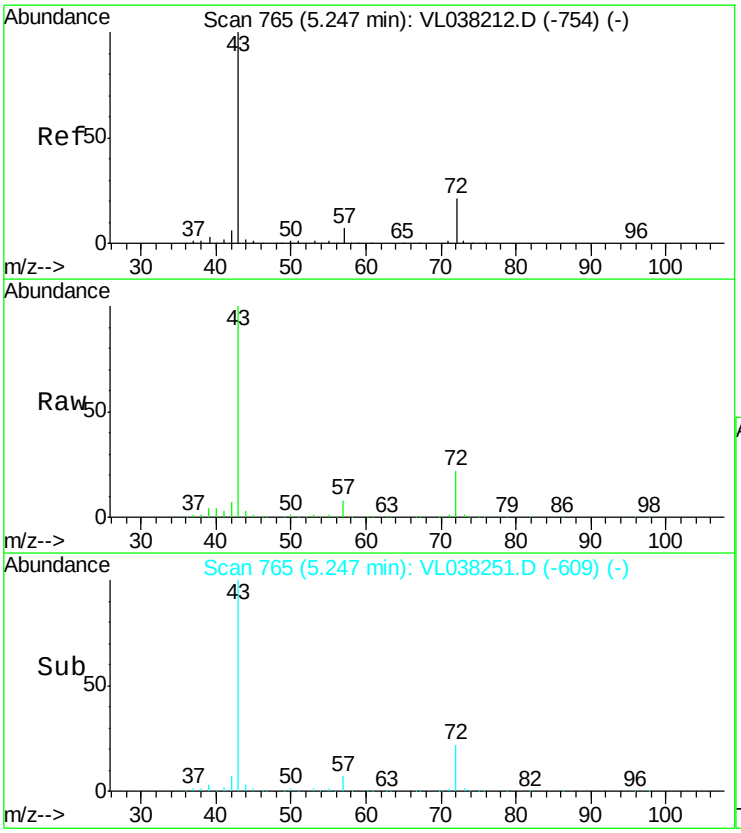
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18
Delta R.T
Lab File:
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:114 Resp: 1720278

Ion	Ratio	Lower	Upper
114	100		
63	28.1	19.7	29.5
88	18.7	14.3	21.5

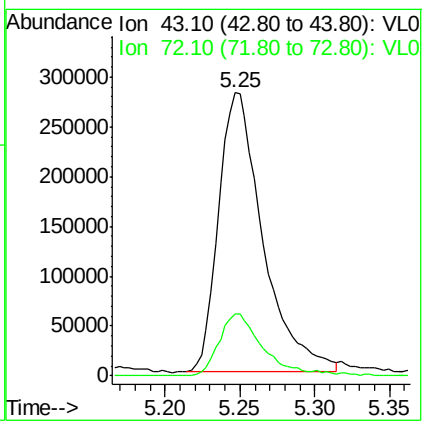


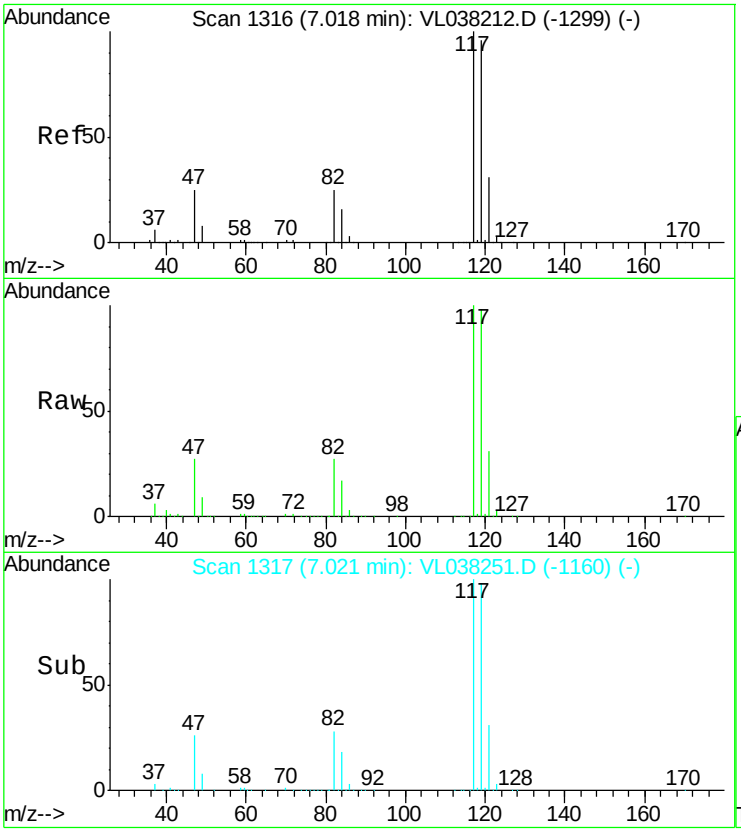


#34
2-Butanone
Concen: 11.264 ppbv
RT: 5.25 min Scan# 765
Delta R.T. 0.00 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion: 43 Resp: 582439

Ion	Ratio	Lower	Upper
43	100		
72	22.5	18.3	27.5



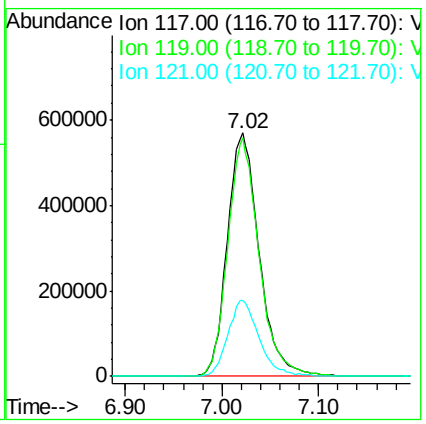


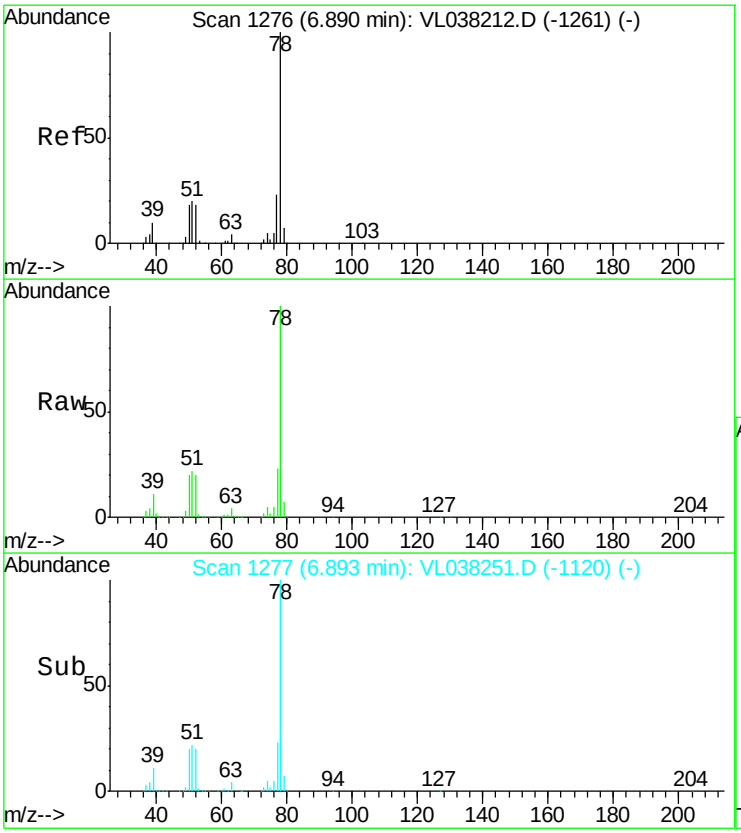
#35
Carbon Tetrachloride
Concen: 12.282 ppbv
RT: 7.02
Delta R.T
Lab File:
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 1304135

Ion	Ratio	Lower	Upper
117	100		
119	97.8	76.7	115.1
121	30.9	25.0	37.4

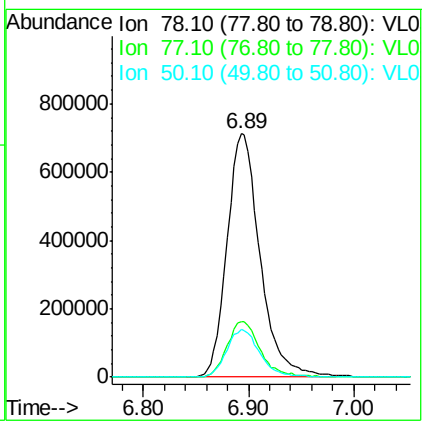


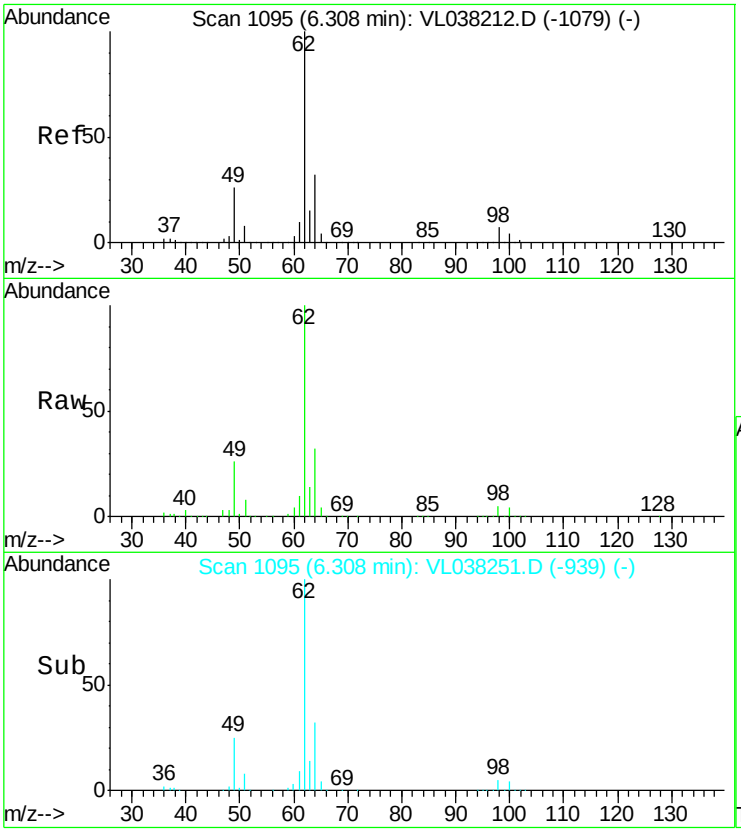


#36
Benzene
Concen: 9.628 ppbv
RT: 6.89 min Scan# 1277
Delta R.T. 0.00 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion: 78 Resp: 1544864

Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.2	27.4
50	19.8	14.3	21.5



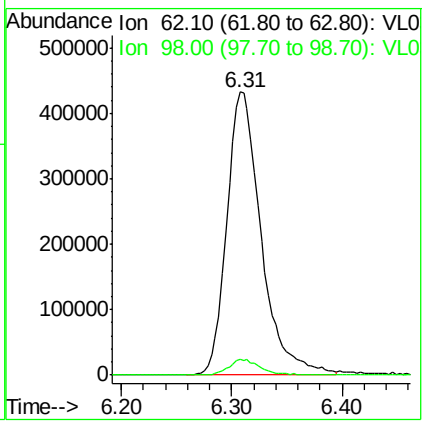


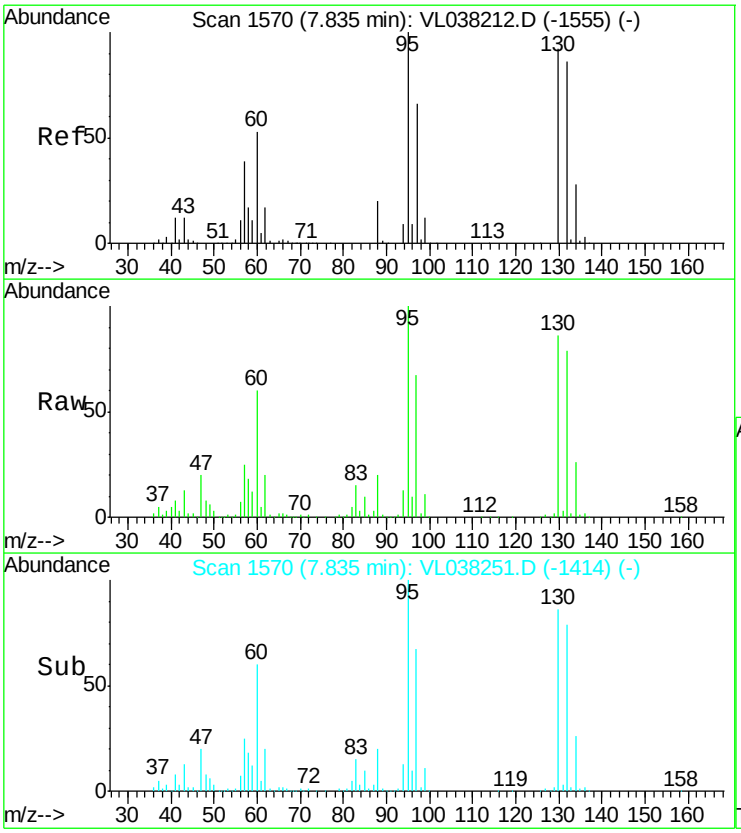
#37
1,2-Dichloroethane
Concen: 11.615 ppbv
RT: 6.31
Delta R.T
Lab File:
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 935211

Ion	Ratio	Lower	Upper
62	100		
98	5.4	5.5	8.3#

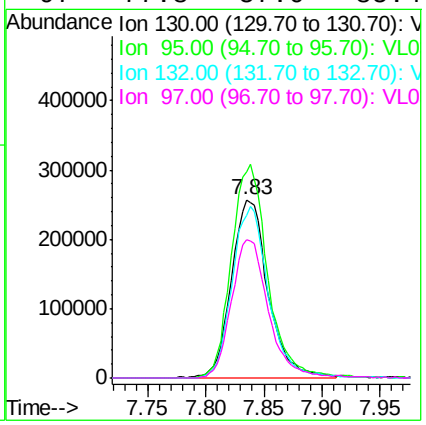


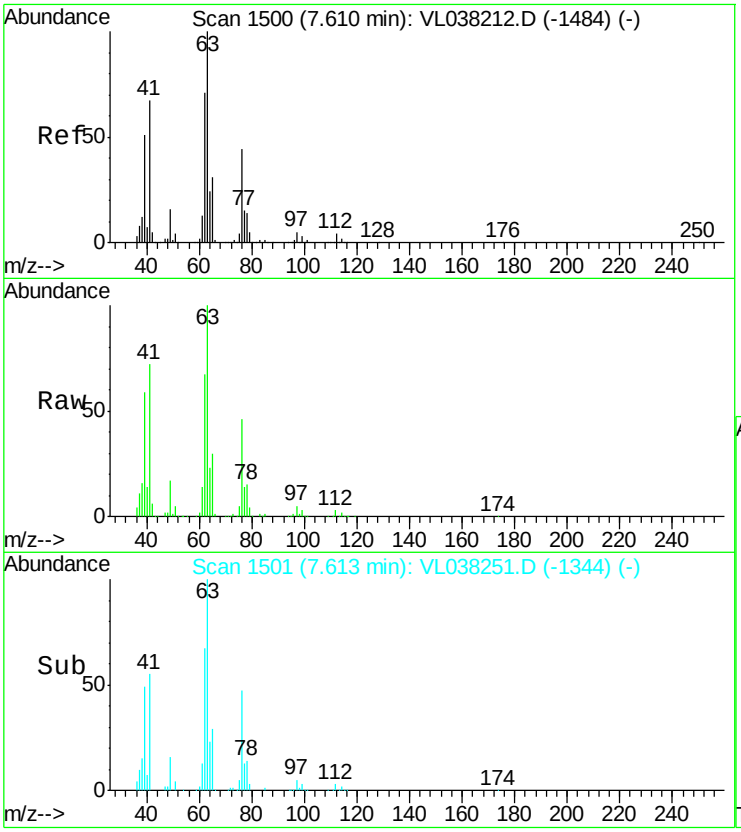


#38
Trichloroethene
Concen: 9.127 ppbv
RT: 7.83 min Scan# 1570
Delta R.T. 0.00 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion:130 Resp: 557332

Ion	Ratio	Lower	Upper
130	100		
95	116.1	87.0	130.4
132	91.4	75.1	112.7
97	77.8	57.0	85.4



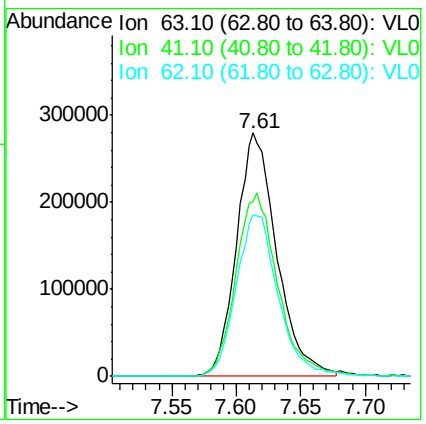


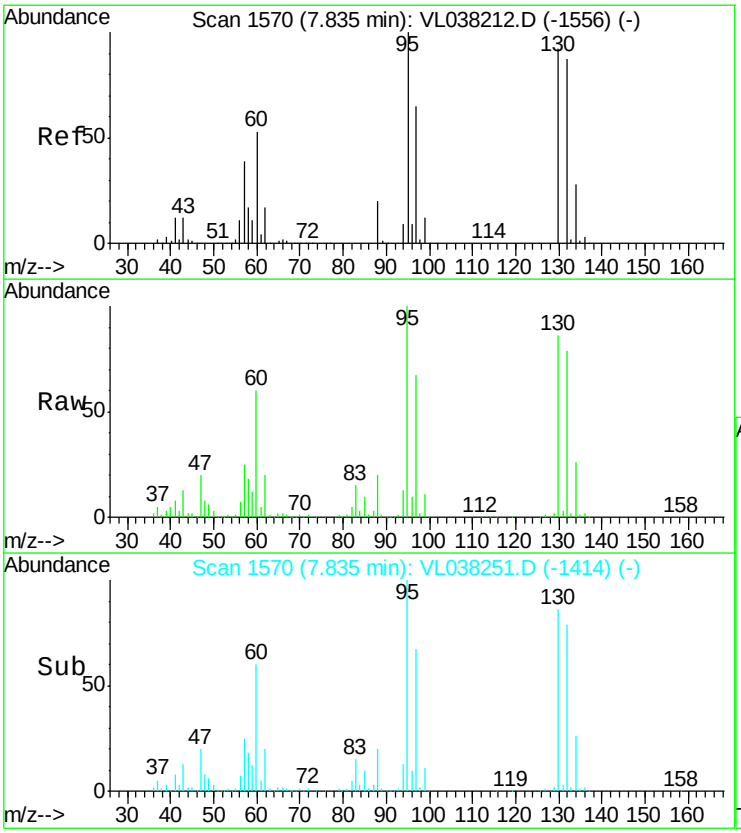
#39
1,2-Dichloropropane
Concen: 9.803 ppbv
RT: 7.61
Delta R.T
Lab File:
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 63 Resp: 605393

Ion	Ratio	Lower	Upper
63	100		
41	71.9	53.4	80.2
62	66.5	56.5	84.7

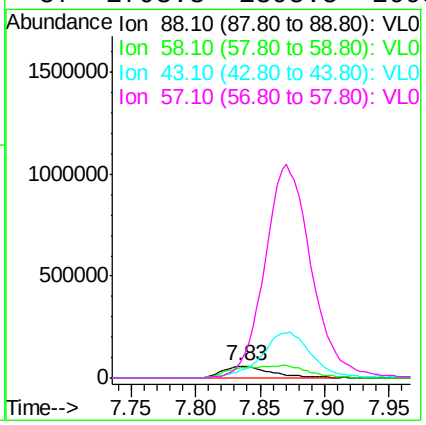


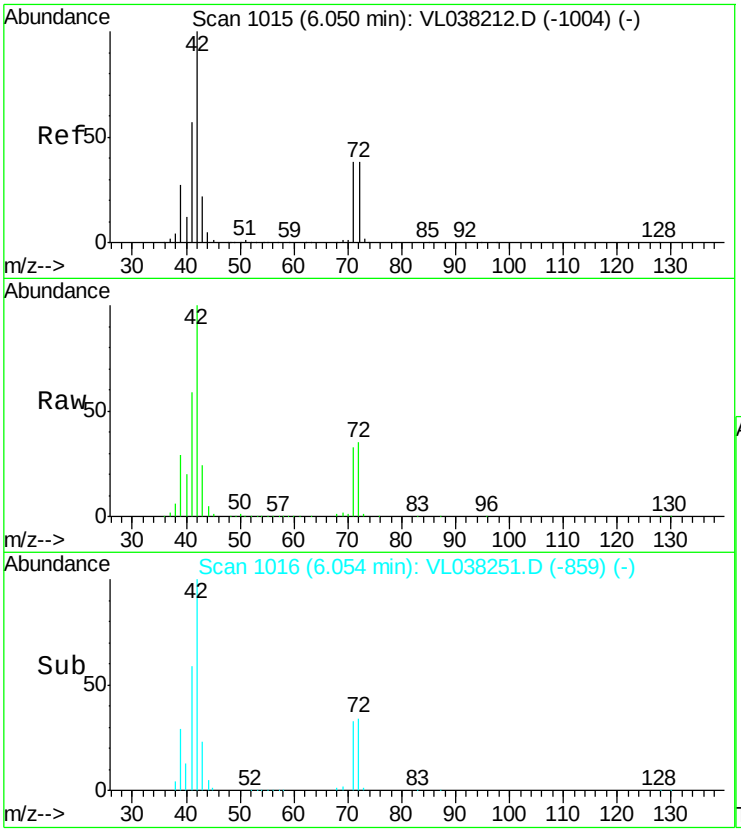


#40
1,4-Dioxane
Concen: 8.241 ppbv
RT: 7.83 min Scan# 1570
Delta R.T. 0.00 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion: 88 Resp: 148049

Ion	Ratio	Lower	Upper
88	100		
58	167.0	127.8	191.8
43	418.6	301.0	451.6
57	1793.3	1395.5	2093.3



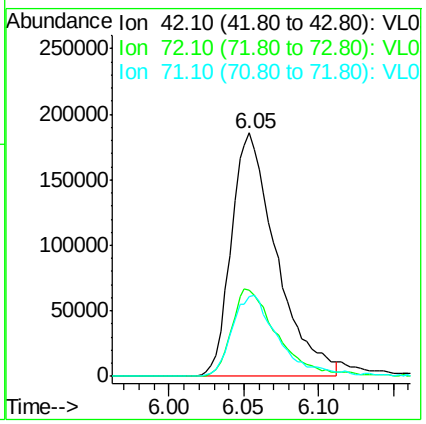


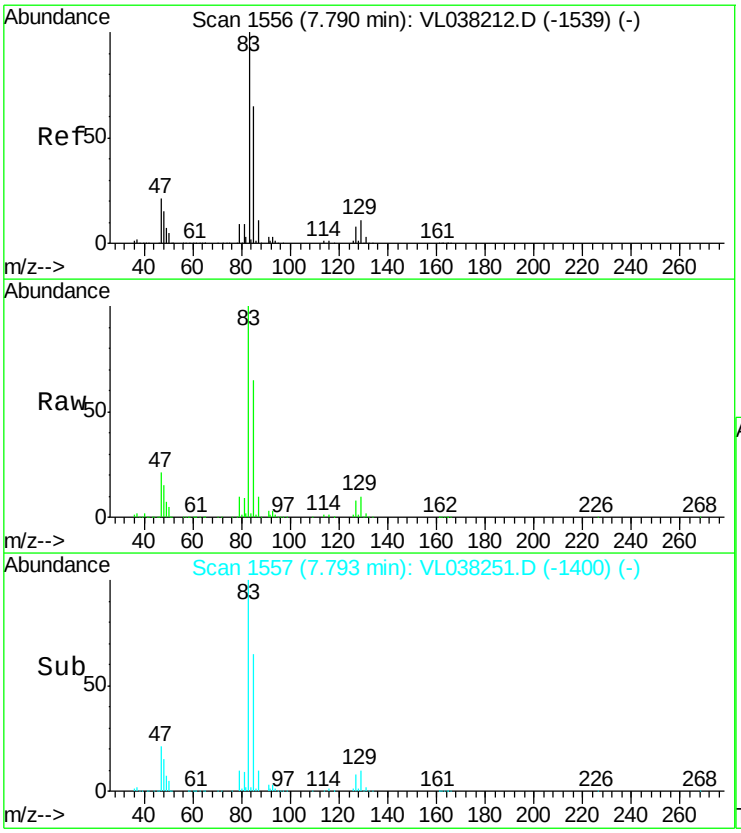
#41
Tetrahydrofuran
Concen: 10.298 ppbv
RT: 6.05
Delta R.T
Lab File:
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 42 Resp: 389992

Ion	Ratio	Lower	Upper
42	100		
72	37.2	31.4	47.0
71	35.1	30.0	45.0

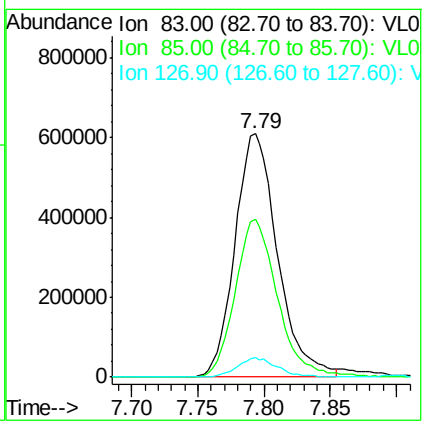


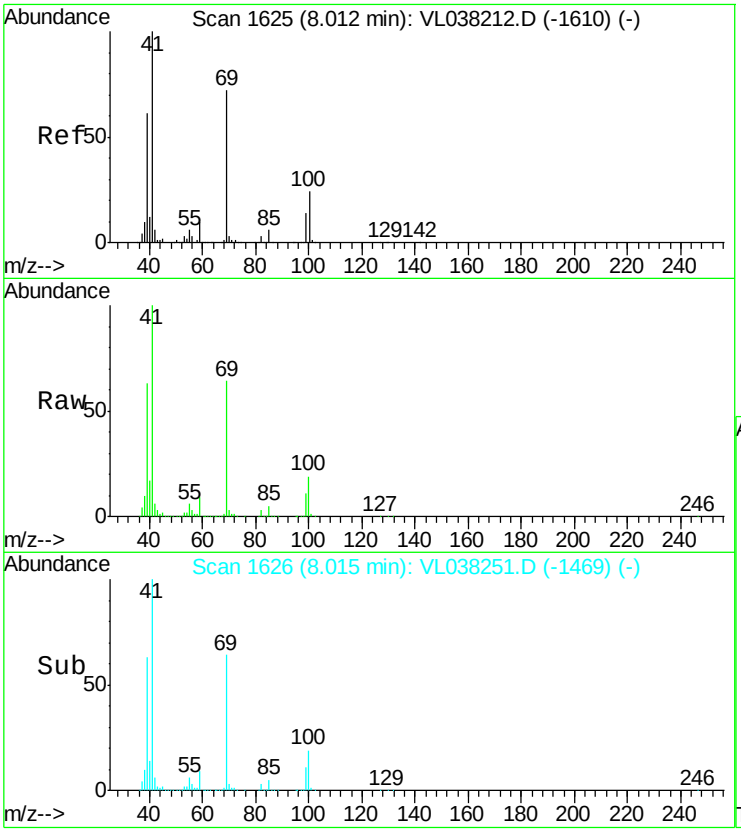


#42
Bromodichloromethane
Concen: 11.877 ppbv
RT: 7.79 min Scan# 1557
Delta R.T. 0.00 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion: 83 Resp: 1360676

Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.0	78.0
127	7.8	6.1	9.1



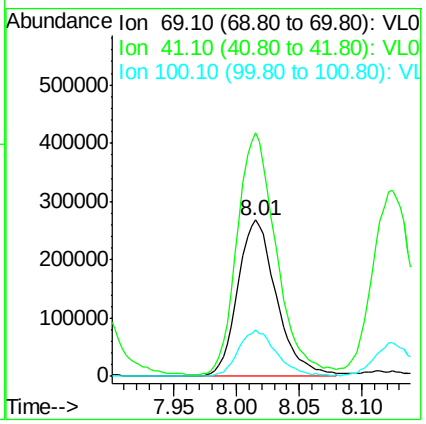


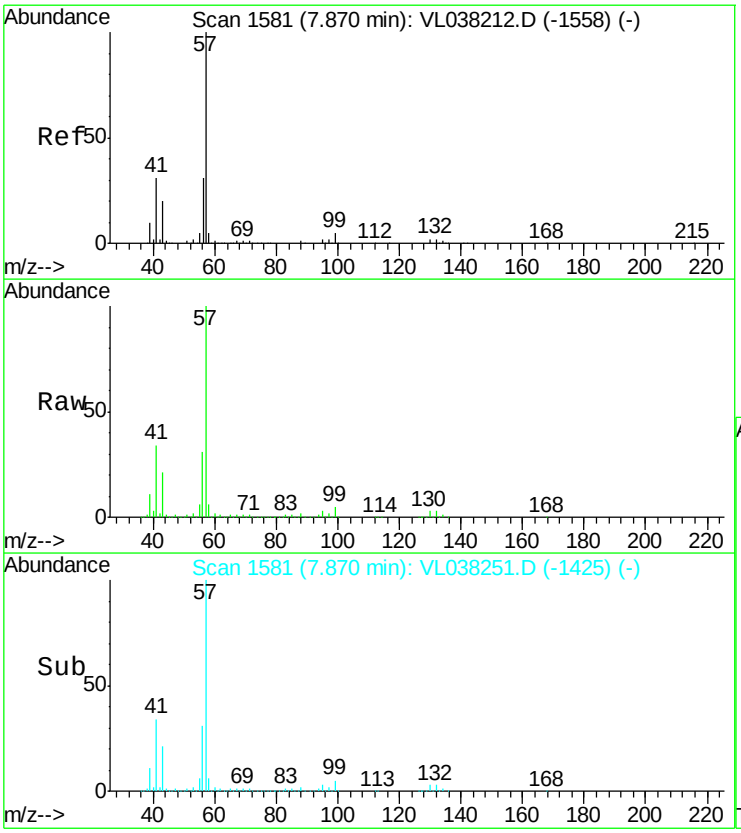
#43
Methyl Methacrylate
Concen: 10.476 ppbv
RT: 8.01
Delta R.T
Lab File:
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 69 Resp: 578521

Ion	Ratio	Lower	Upper
69	100		
41	156.8	116.0	174.0
100	29.3	26.6	39.8

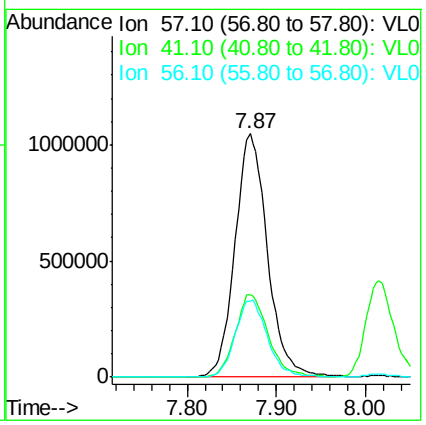


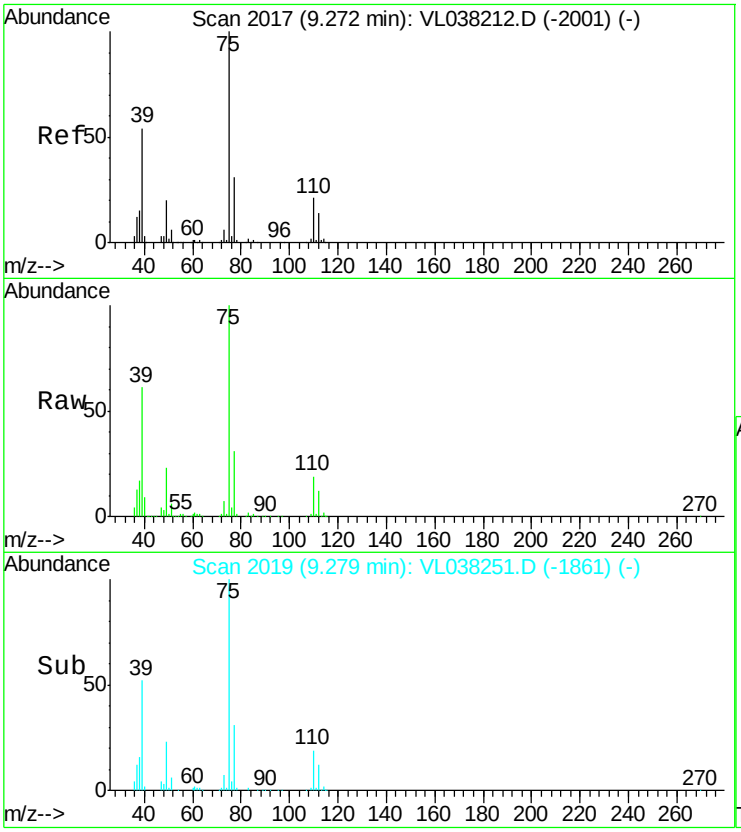


#44
2,2,4-Trimethylpentane
Concen: 9.715 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion: 57 Resp: 2648194

Ion	Ratio	Lower	Upper
57	100		
41	34.5	24.9	37.3
56	31.5	24.8	37.2



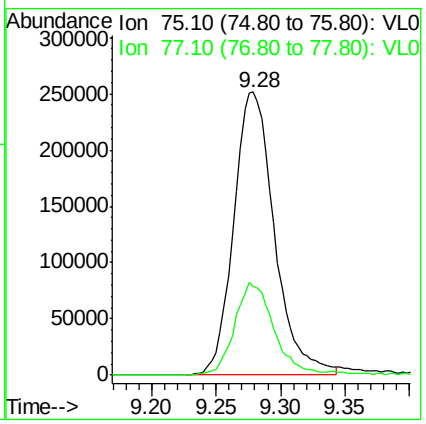


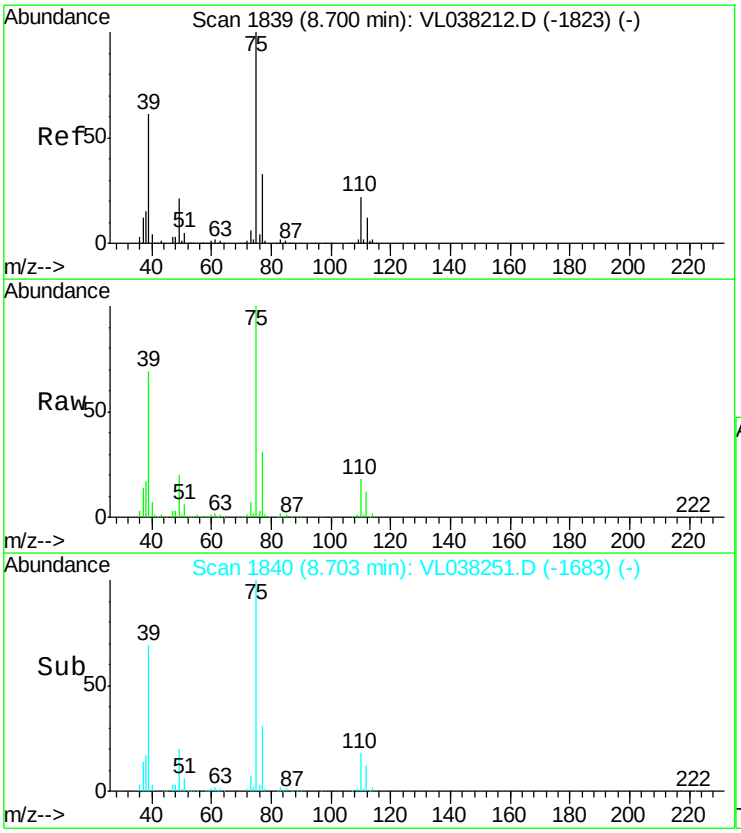
#45
t-1,3-Dichloropropene
Concen: 13.510 ppbv
RT: 9.28
Delta R.T
Lab File:
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 552143

Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.7	37.1

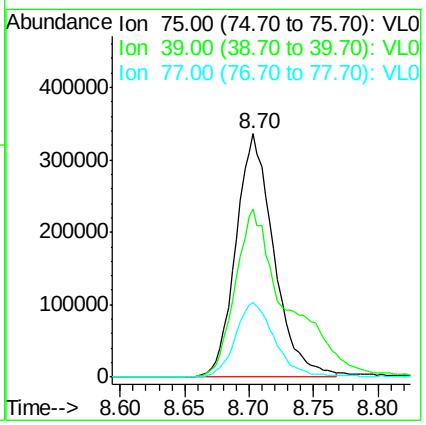


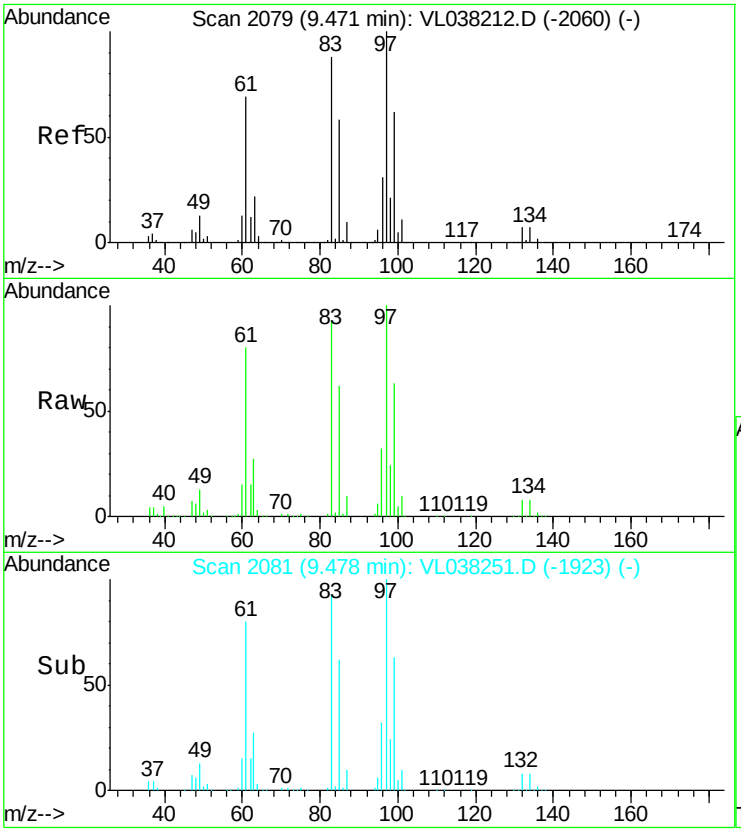


#46
cis-1,3-Dichloropropene
Concen: 12.187 ppbv
RT: 8.70 min Scan# 1840
Delta R.T. 0.00 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion: 75 Resp: 689450

Ion	Ratio	Lower	Upper
75	100		
39	69.2	48.9	73.3
77	30.7	26.2	39.2



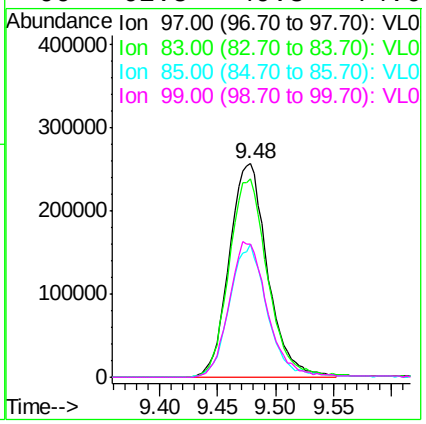


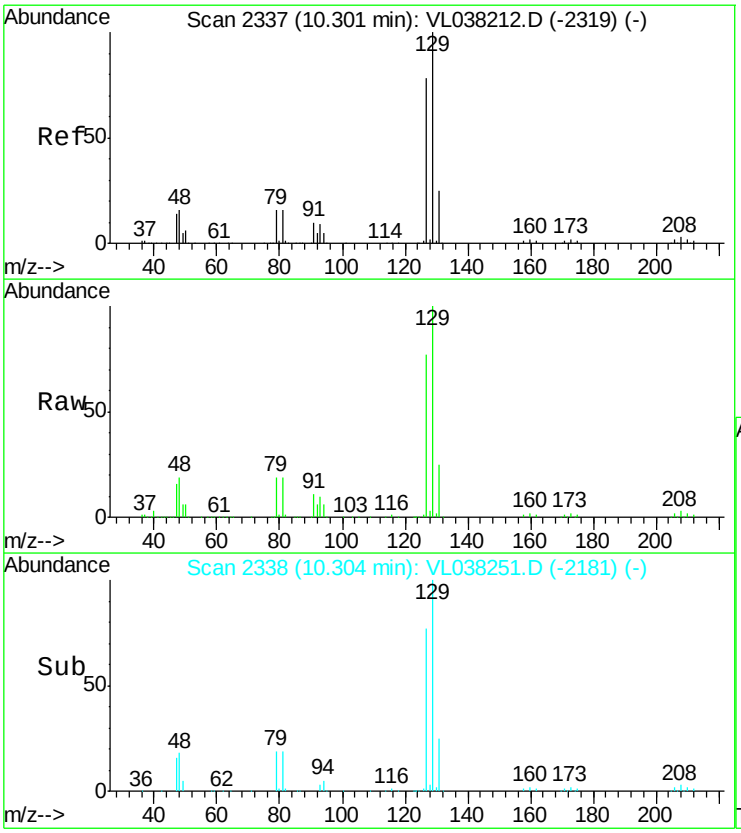
#47
1,1,2-Trichloroethane
Concen: 9.212 ppbv
RT: 9.48
Delta R.T
Lab File:
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 97 Resp: 590436

Ion	Ratio	Lower	Upper
97	100		
83	92.8	70.2	105.2
85	62.0	46.1	69.1
99	62.5	49.8	74.6

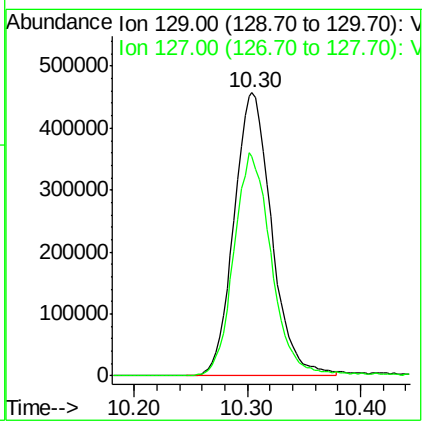


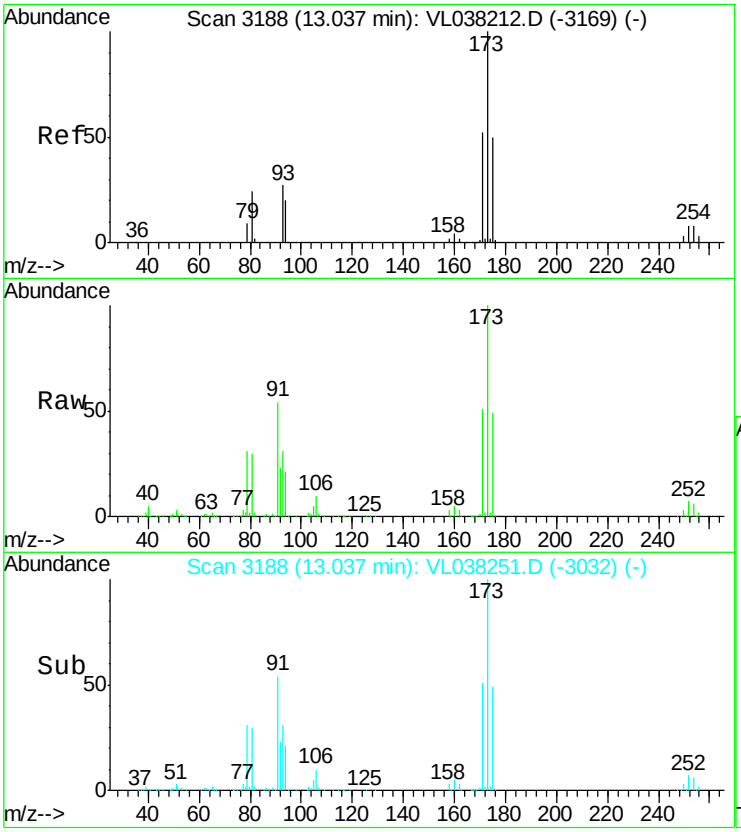


#48
Dibromochloromethane
Concen: 11.763 ppbv
RT: 10.30 min Scan# 2338
Delta R.T. 0.00 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion:129 Resp: 1060277

Ion	Ratio	Lower	Upper
129	100		
127	79.8	40.2	120.6



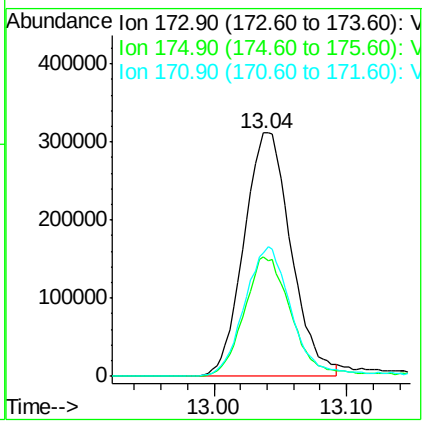


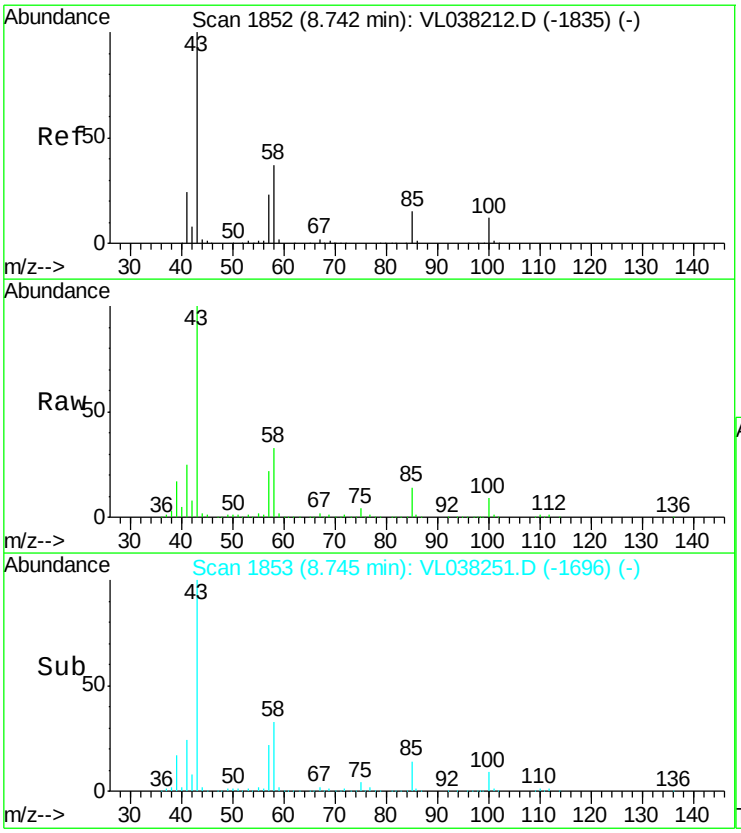
#49
Bromoform
Concen: 12.048 ppbv
RT: 13.04
Delta R.T
Lab File:
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:173 Resp: 771555

Ion	Ratio	Lower	Upper
173	100		
175	50.8	40.9	61.3
171	55.4	43.4	65.2

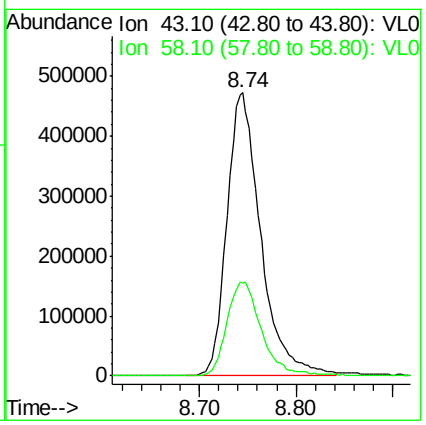


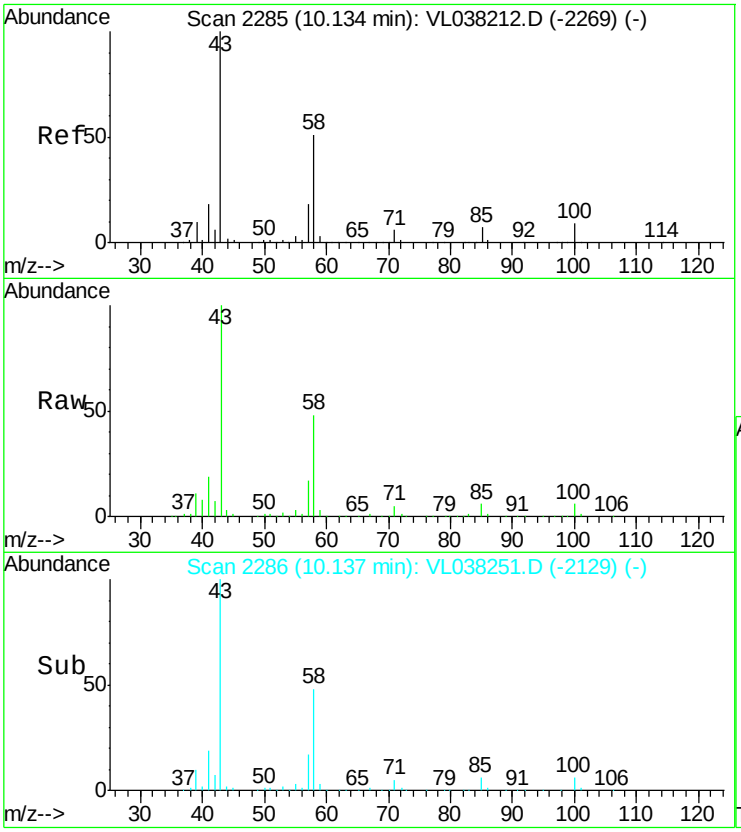


#50
4-Methyl-2-Pentanone
Concen: 12.184 ppbv
RT: 8.74 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion: 43 Resp: 1145377

Ion	Ratio	Lower	Upper
43	100		
58	34.4	29.4	44.2



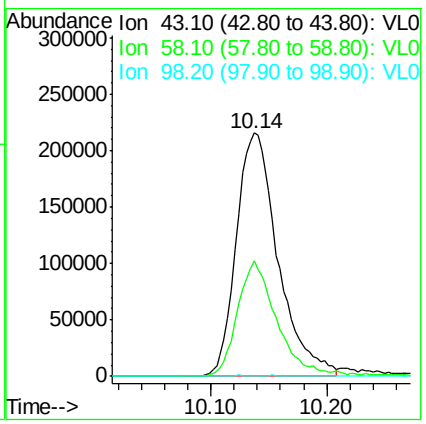


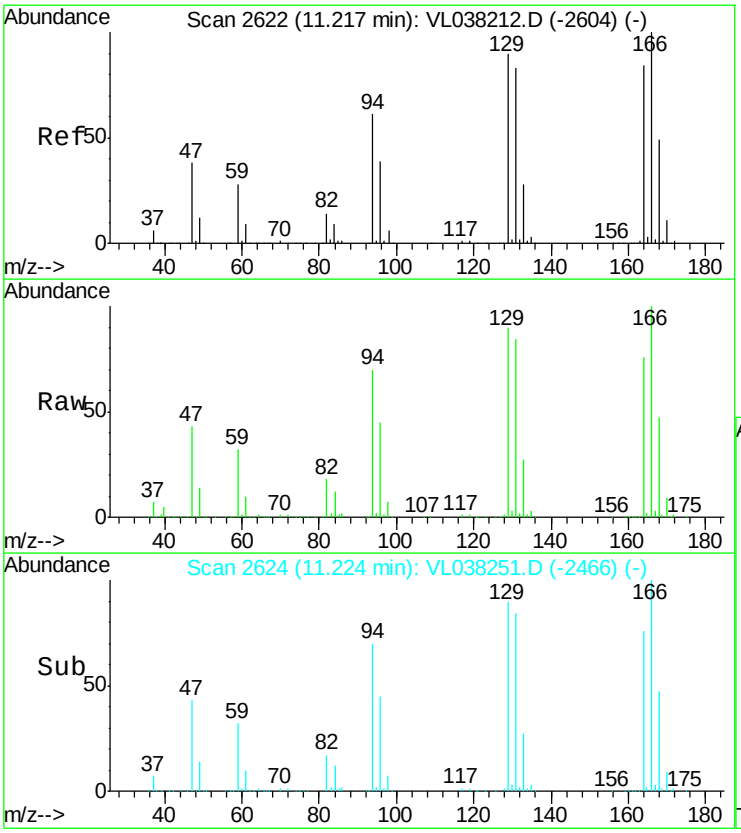
#51
2-Hexanone
Concen: 11.957 ppbv
RT: 10.14
Delta R.T
Lab File:
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 538025

Ion	Ratio	Lower	Upper
43	100		
58	45.9	40.8	61.2
98	0.4	0.0	0.0#

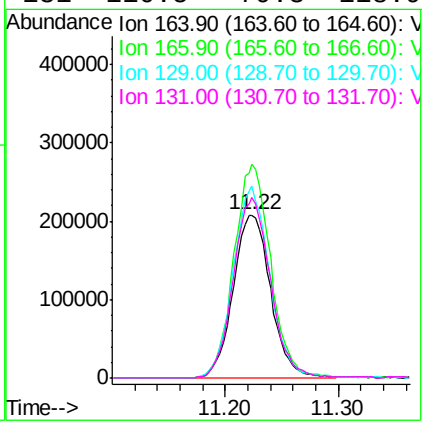


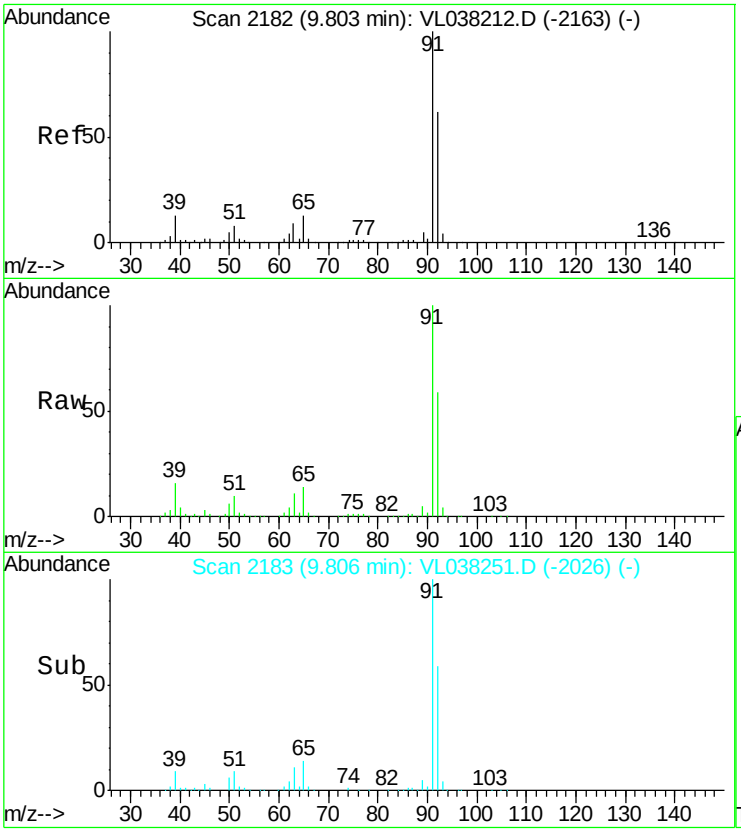


#52
Tetrachloroethene
Concen: 8.087 ppbv
RT: 11.22 min Scan# 2624
Delta R.T. 0.01 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion:164 Resp: 478972

Ion	Ratio	Lower	Upper
164	100		
166	130.9	95.6	143.4
129	117.3	85.8	128.8
131	110.5	79.3	118.9



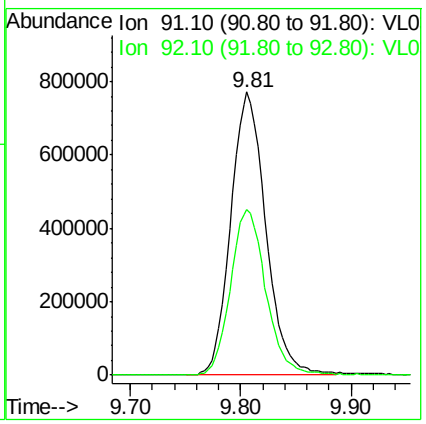


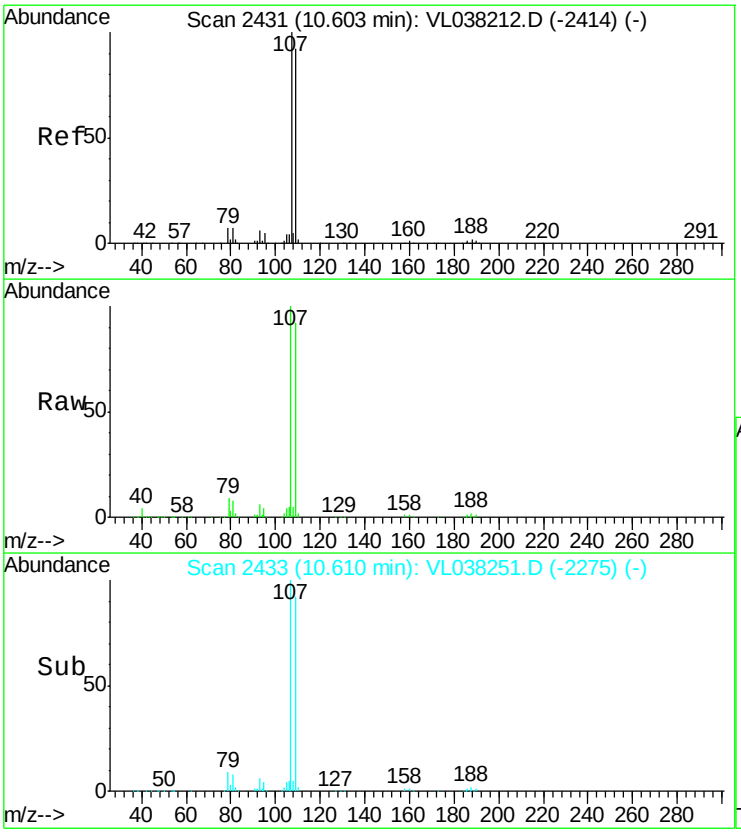
#53
Toluene
Concen: 9.176 ppbv
RT: 9.81
Delta R.T
Lab File:
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 1699026

Ion	Ratio	Lower	Upper
91	100		
92	58.9	48.9	73.3

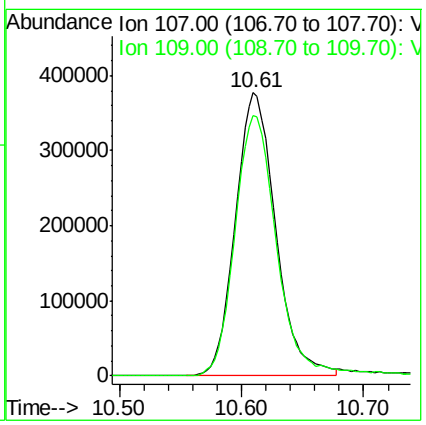


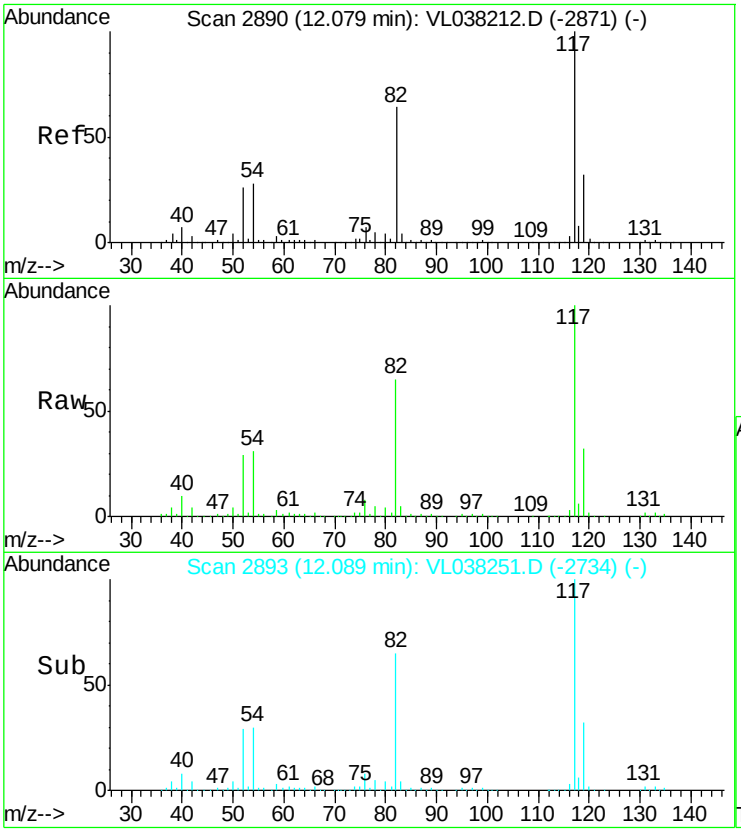


#54
1,2-Dibromoethane
Concen: 9.482 ppbv
RT: 10.61 min Scan# 2433
Delta R.T. 0.01 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion:107 Resp: 862111

Ion	Ratio	Lower	Upper
107	100		
109	92.2	73.3	109.9



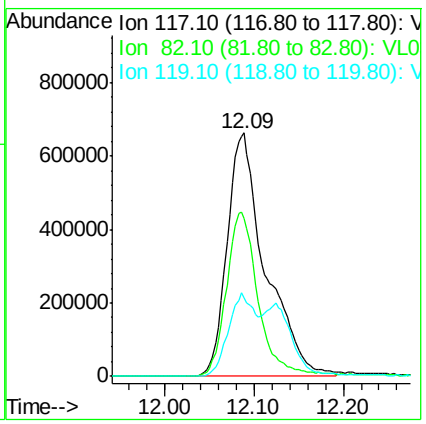


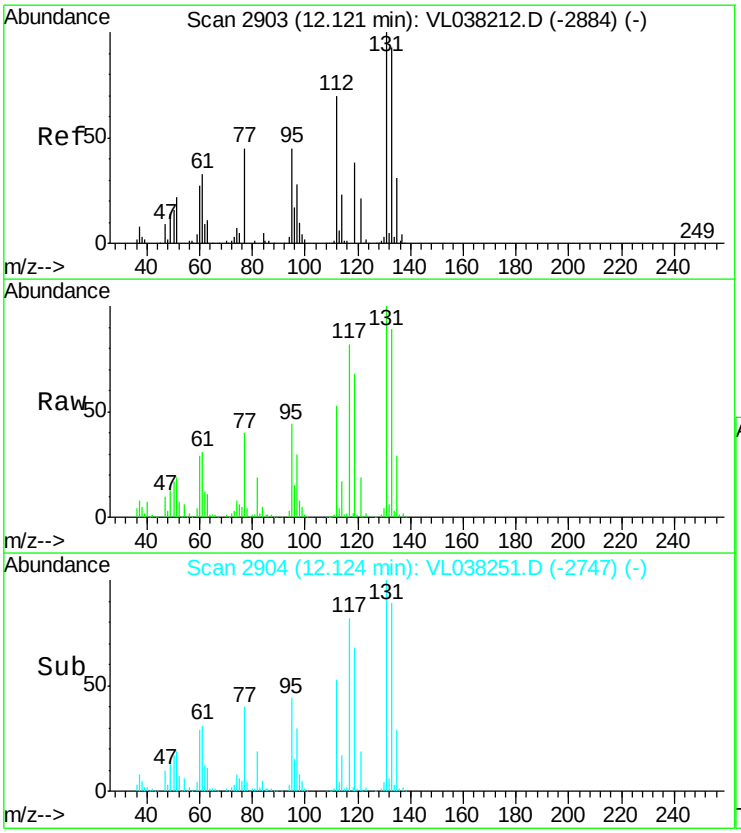
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09
Delta R.T
Lab File:
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 1976899

Ion	Ratio	Lower	Upper
117	100		
82	56.6	53.3	79.9
119	23.7	25.5	38.3#

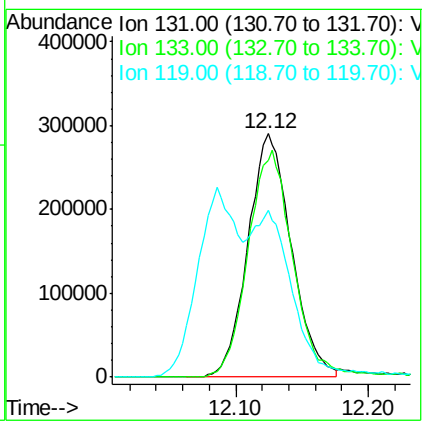


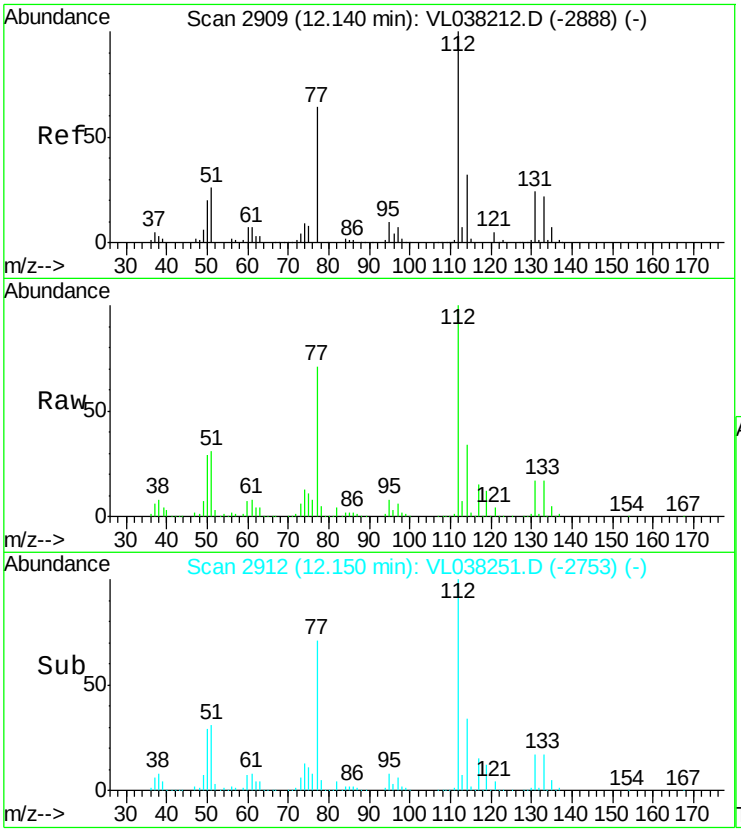


#56
1,1,1,2-Tetrachloroethane
Concen: 8.059 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. 0.00 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion:131 Resp: 662677

Ion	Ratio	Lower	Upper
131	100		
133	97.8	77.6	116.4
119	60.6	124.8	187.2#



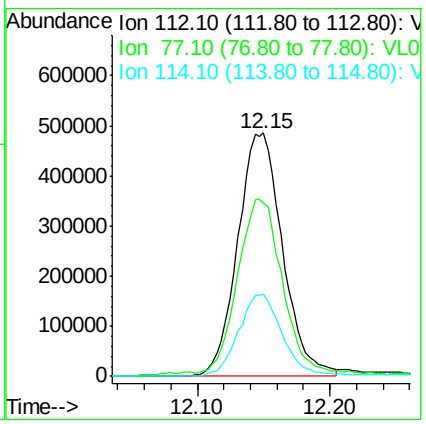


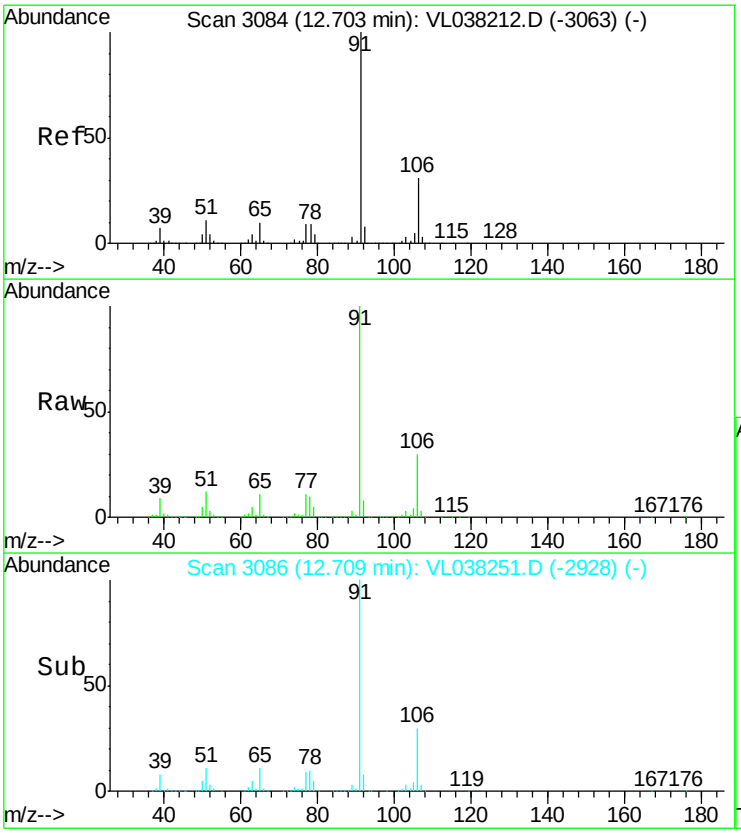
#57
Chlorobenzene
Concen: 6.633 ppbv
RT: 12.15
Delta R.T
Lab File:
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:112 Resp: 1137215

Ion	Ratio	Lower	Upper
112	100		
77	69.2	50.9	76.3
114	33.7	28.4	34.7

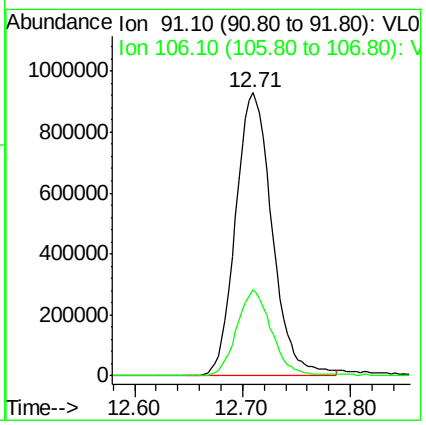


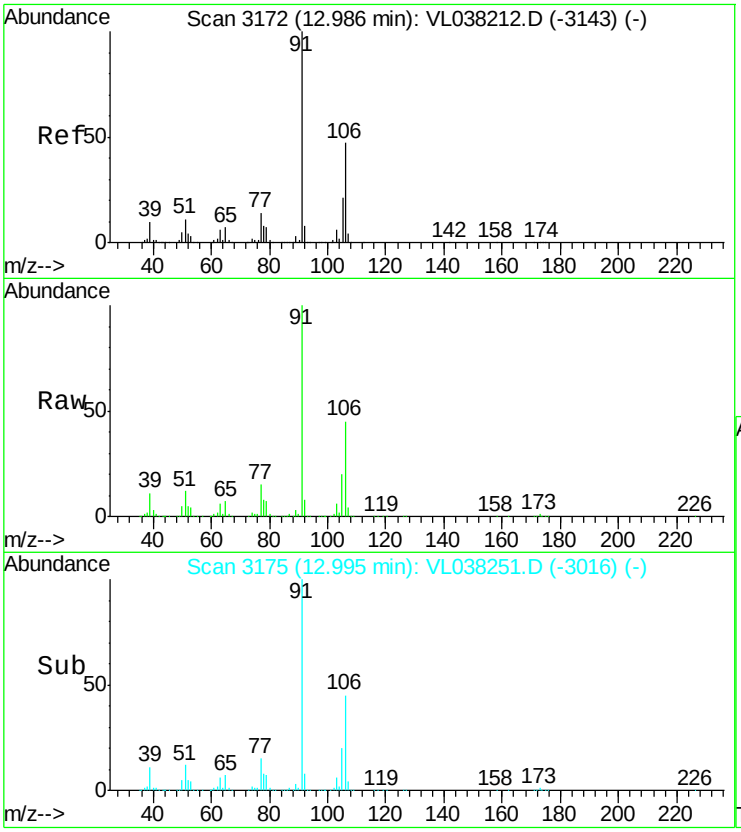


#58
Ethyl Benzene
Concen: 7.160 ppbv
RT: 12.71 min Scan# 3086
Delta R.T. 0.01 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion: 91 Resp: 2196593

Ion	Ratio	Lower	Upper
91	100		
106	30.3	25.0	37.4



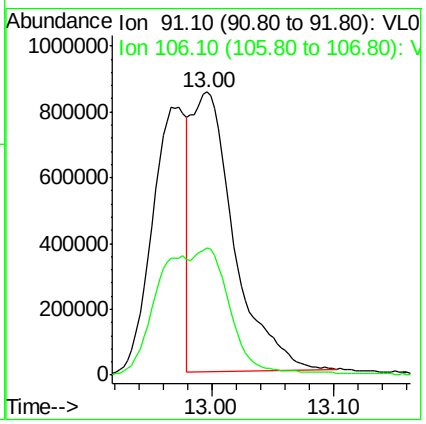


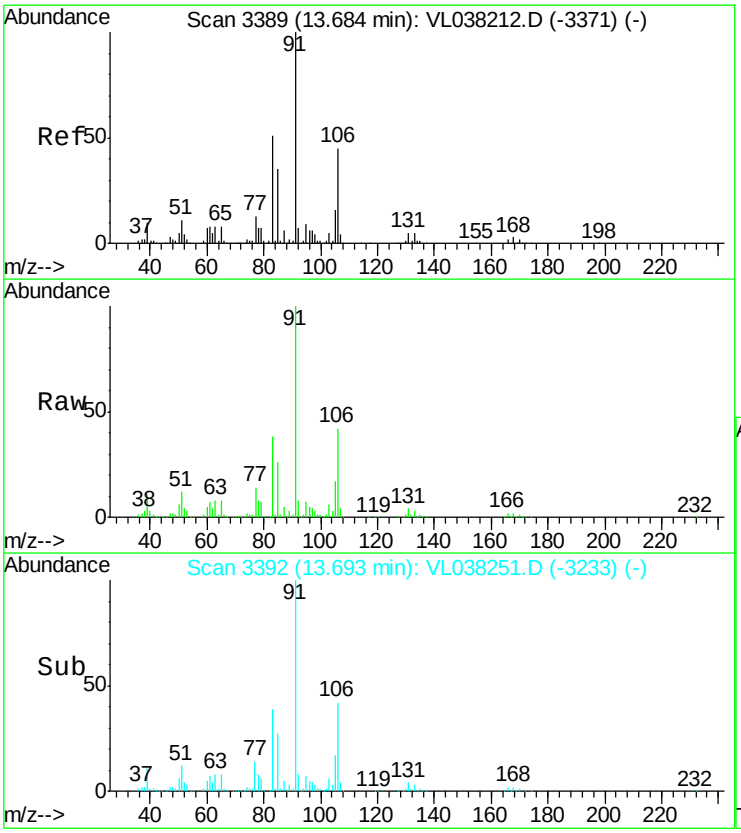
#59
m/p-Xylene
Concen: 7.839 ppbv
RT: 13.00
Delta R.T
Lab File:
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 2055815

Ion	Ratio	Lower	Upper
91	100		
106	77.3	36.9	55.3#

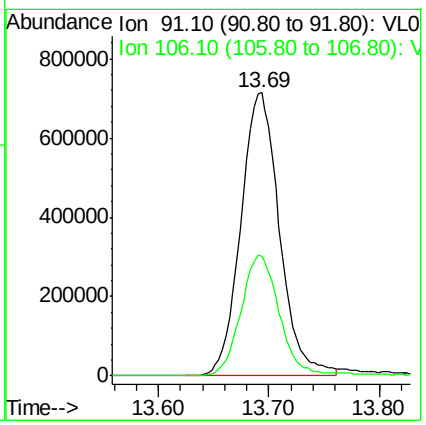


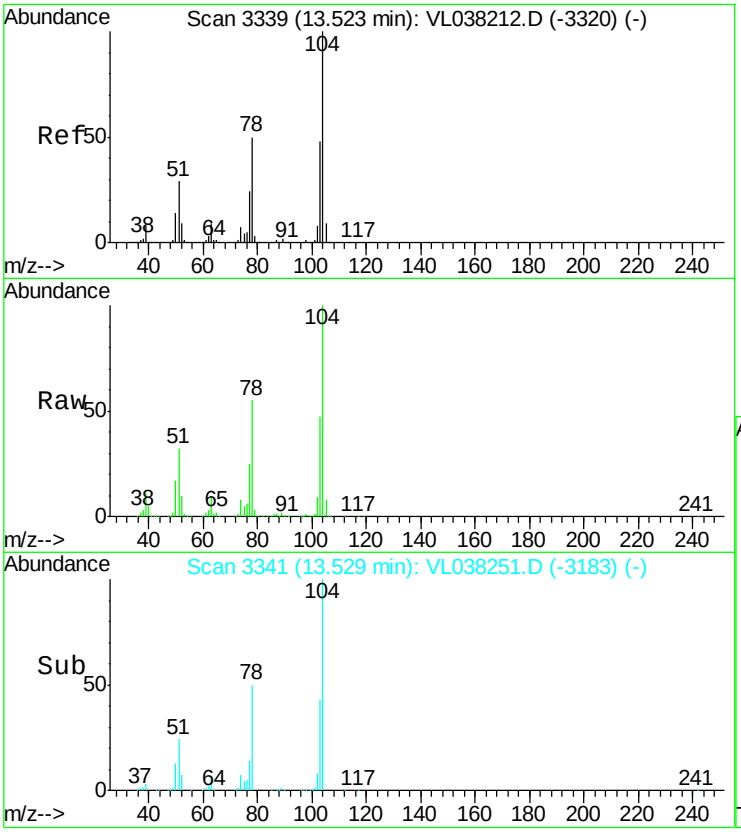


#60
o-Xylene
Concen: 7.126 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. 0.01 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion: 91 Resp: 1732613

Ion	Ratio	Lower	Upper
91	100		
106	44.0	23.5	70.5



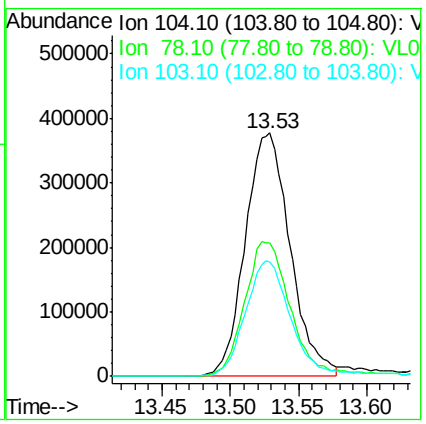


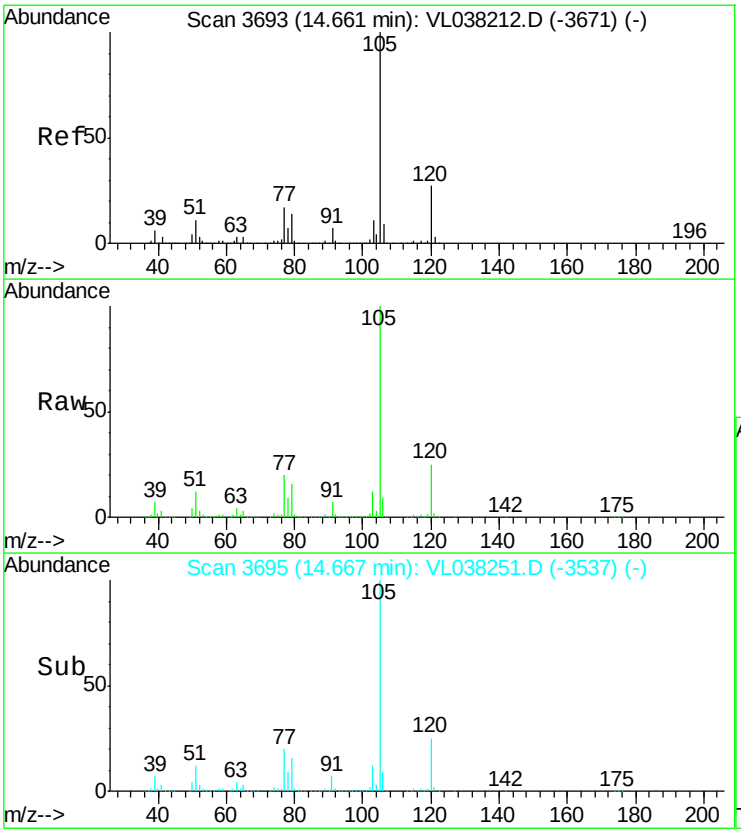
#61
Styrene
Concen: 7.005 ppbv
RT: 13.53
Delta R.T
Lab File:
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:104 Resp: 862738

Ion	Ratio	Lower	Upper
104	100		
78	57.7	41.0	61.6
103	48.9	38.0	57.0

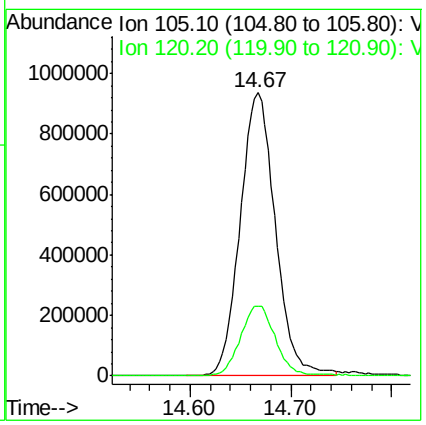


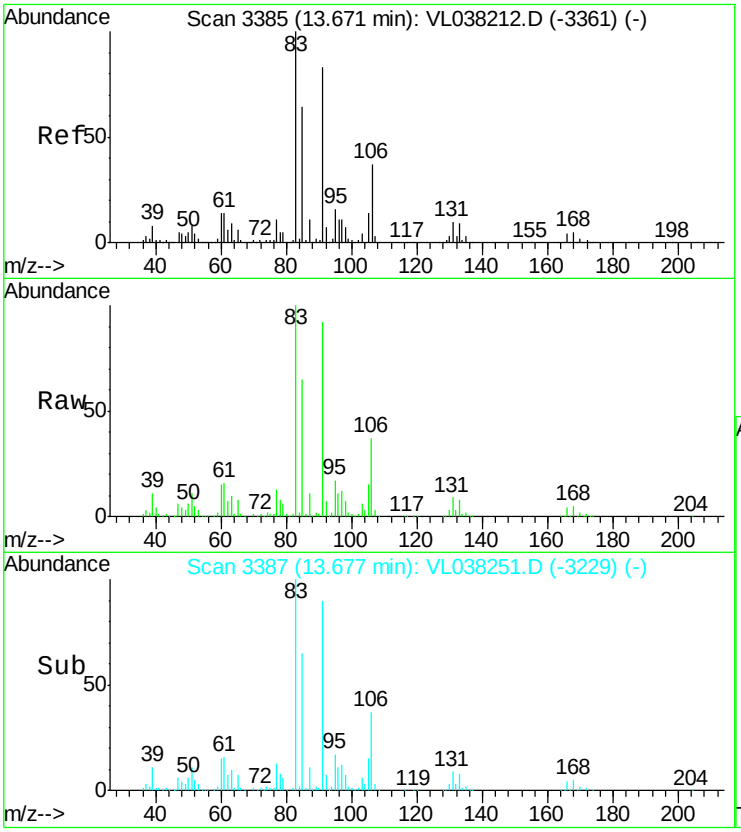


#62
Isopropylbenzene
Concen: 6.634 ppbv
RT: 14.67 min Scan# 3695
Delta R.T. 0.01 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion:105 Resp: 2264750

Ion	Ratio	Lower	Upper
105	100		
120	25.2	21.0	31.6



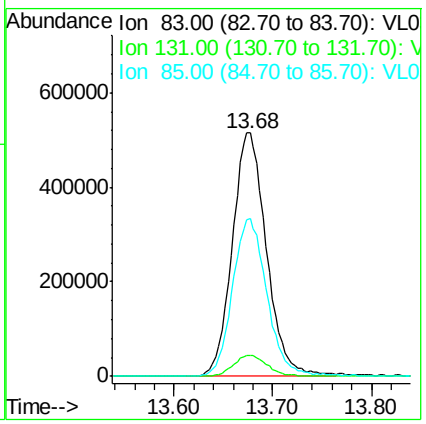


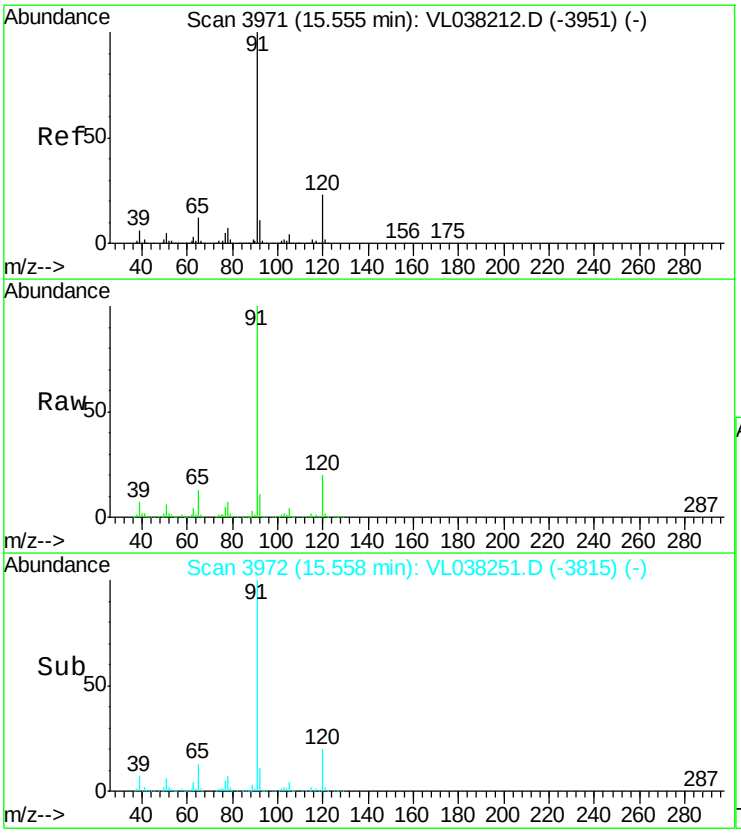
#63
1,1,2,2-Tetrachloroethane
Concen: 6.591 ppbv
RT: 13.68
Delta R.T
Lab File:
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 1232483

Ion	Ratio	Lower	Upper
83	100		
131	8.9	4.7	14.1
85	66.3	32.9	98.6

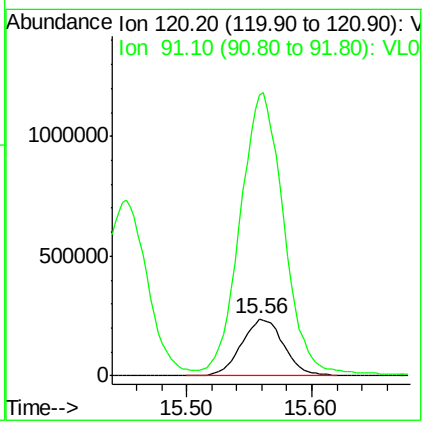


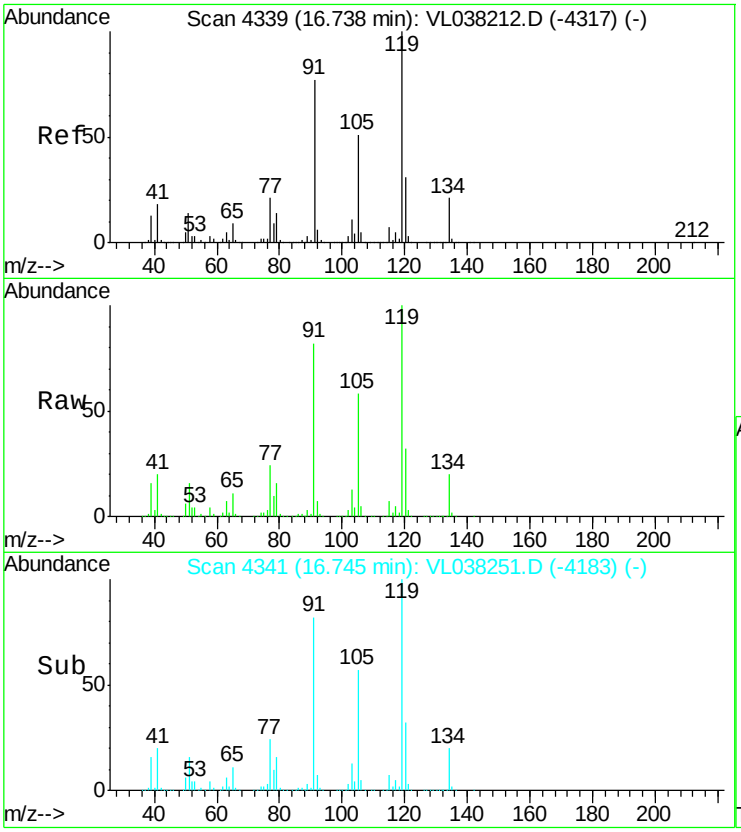


#64
n-propylbenzene
Concen: 6.580 ppbv
RT: 15.56 min Scan# 3972
Delta R.T. 0.00 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion:120 Resp: 558517

Ion	Ratio	Lower	Upper
120	100		
91	516.6	381.5	572.3



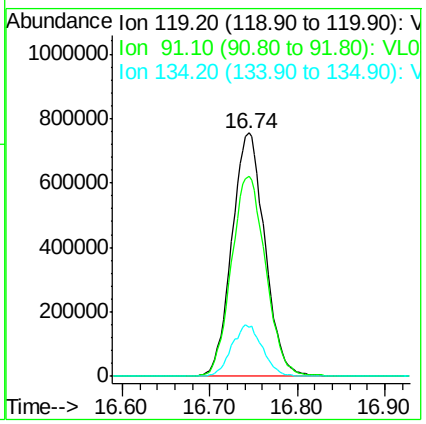


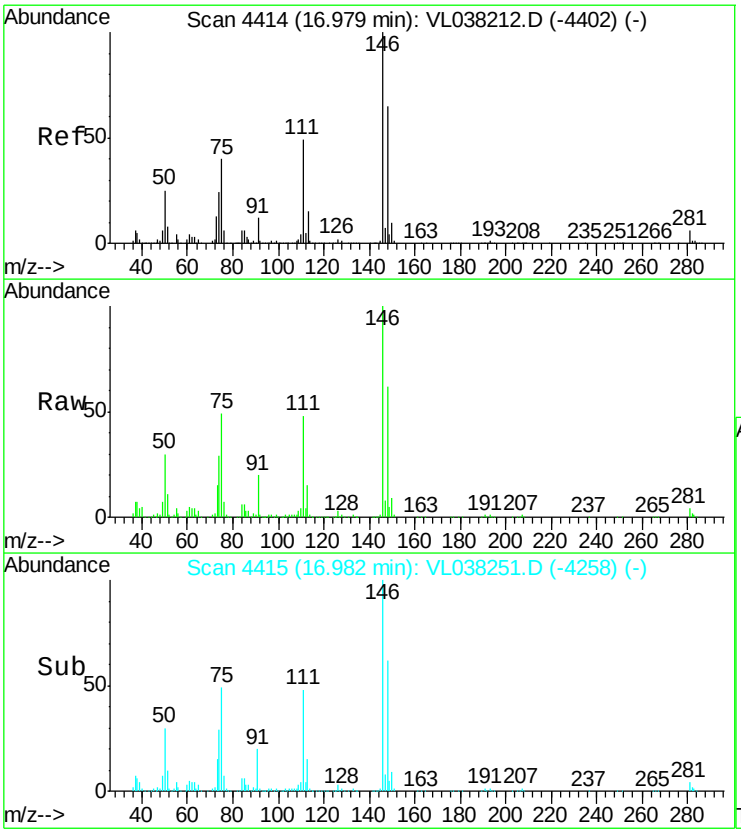
#65
tert-Butylbenzene
Concen: 6.559 ppbv
RT: 16.74
Delta R.T
Lab File:
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 1970879

Ion	Ratio	Lower	Upper
119	100		
91	85.8	63.0	94.4
134	19.8	15.8	23.6

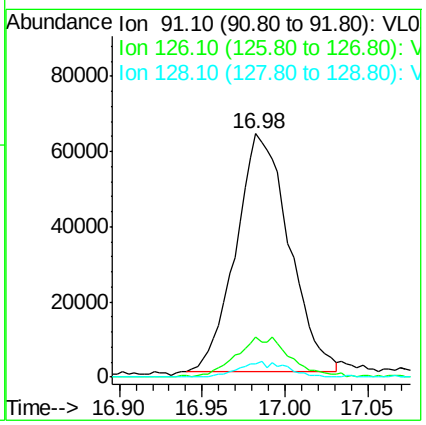


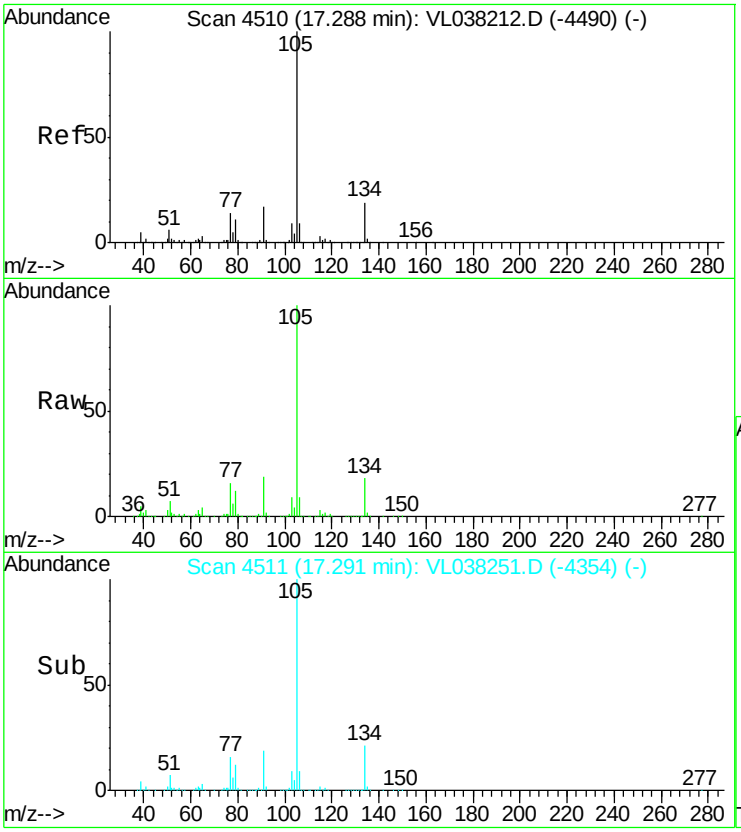


#66
Benzyl Chloride
Concen: 12.665 ppbv
RT: 16.98 min Scan# 4415
Delta R.T. 0.00 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion: 91 Resp: 141847

Ion	Ratio	Lower	Upper
91	100		
126	17.2	16.0	24.0
128	6.1	5.0	7.6



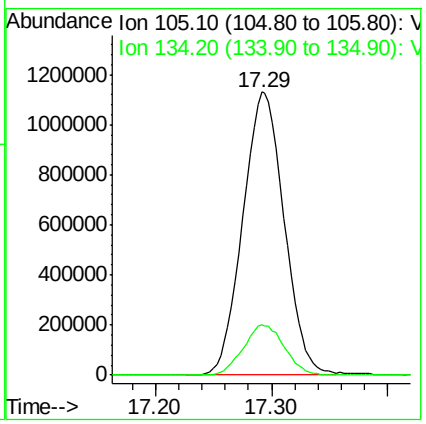


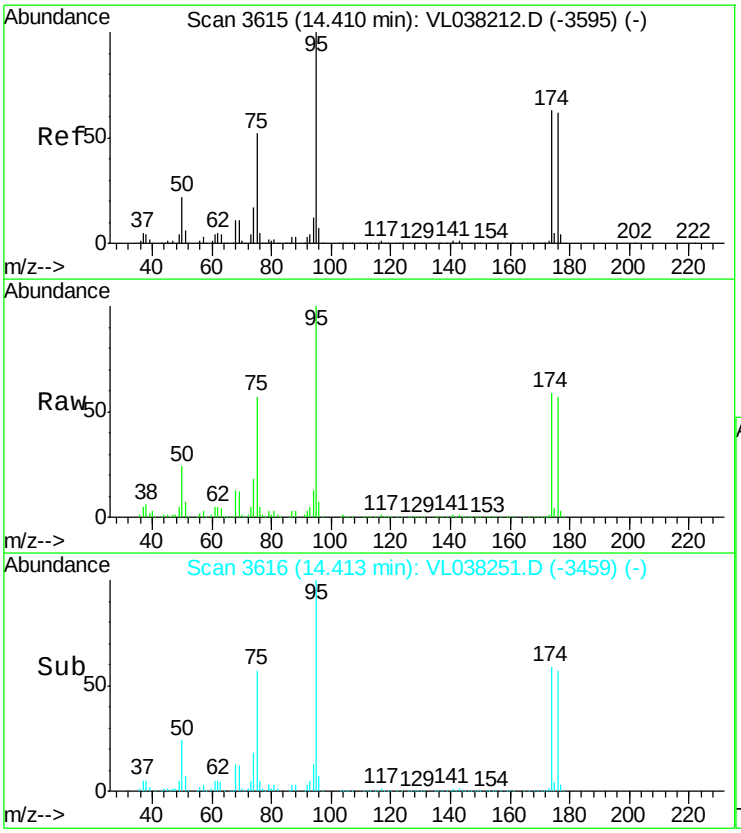
#67
sec-Butylbenzene
Concen: 6.778 ppbv
RT: 17.29
Delta R.T
Lab File:
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:105 Resp: 2798573

Ion	Ratio	Lower	Upper
105	100		
134	17.8	14.6	22.0

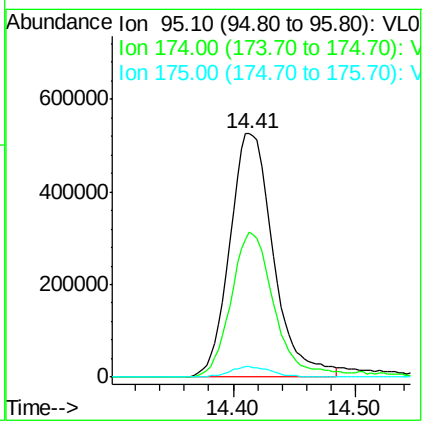


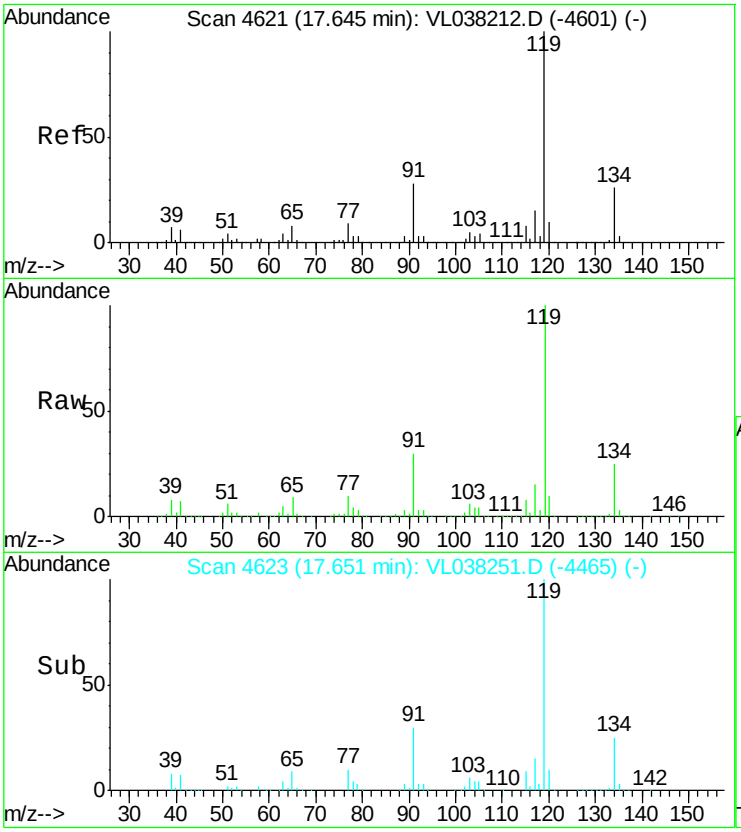


#68
1-Bromo-4-Fluorobenzene
Concen: 8.529 ppbv
RT: 14.41 min Scan# 3616
Delta R.T. 0.00 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion: 95 Resp: 1299335

Ion	Ratio	Lower	Upper
95	100		
174	61.3	54.6	81.8
175	4.5	4.1	6.1



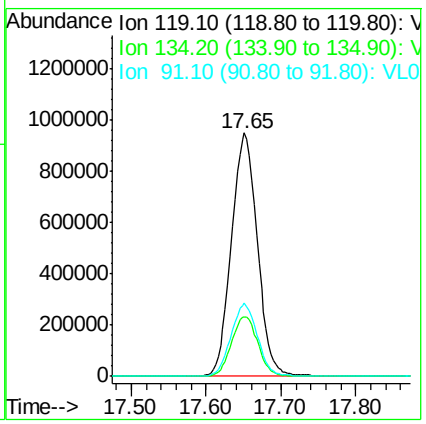


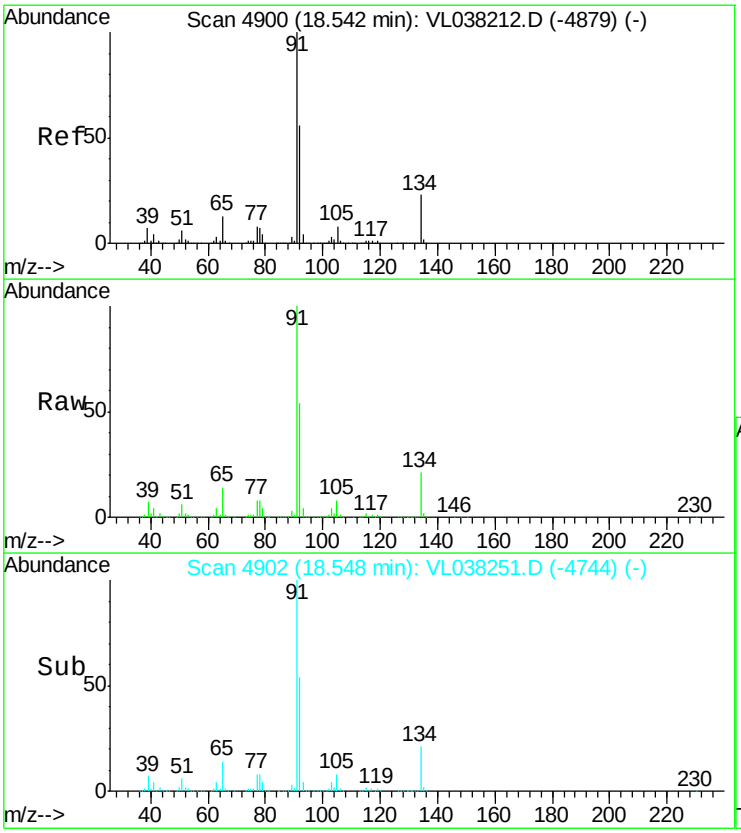
#69
p-Isopropyltoluene
Concen: 6.896 ppbv
RT: 17.65
Delta R.T
Lab File:
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 2290132

Ion	Ratio	Lower	Upper
119	100		
134	24.9	20.4	30.6
91	30.5	22.4	33.6

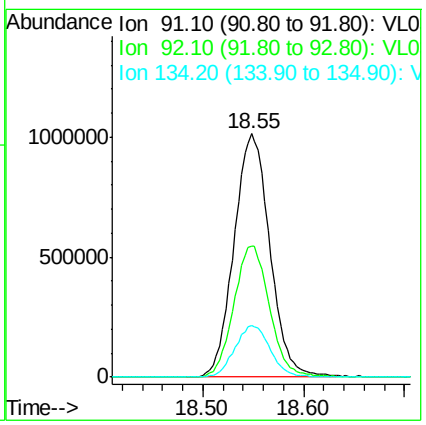


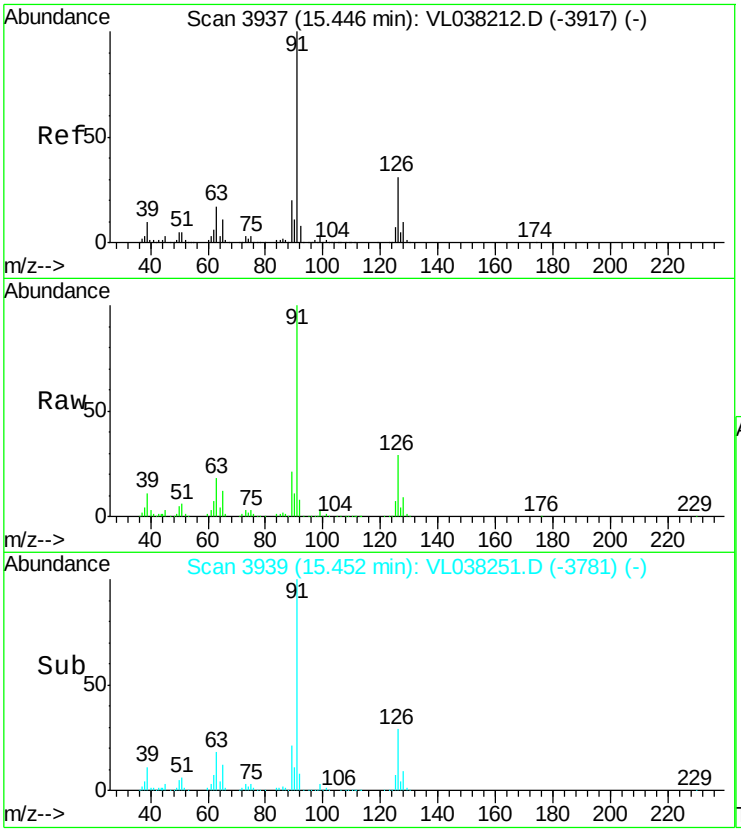


#70
n-Butylbenzene
Concen: 7.896 ppbv
RT: 18.55 min Scan# 4902
Delta R.T. 0.01 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion: 91 Resp: 2492978

Ion	Ratio	Lower	Upper
91	100		
92	54.0	44.0	66.0
134	21.1	18.5	27.7



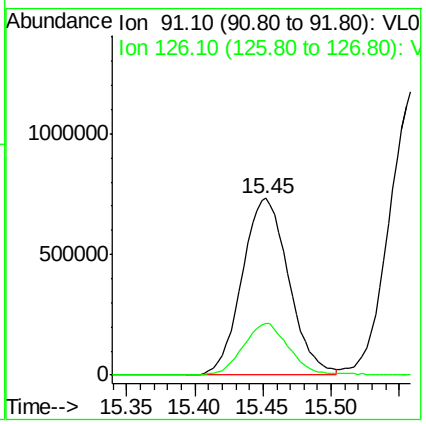


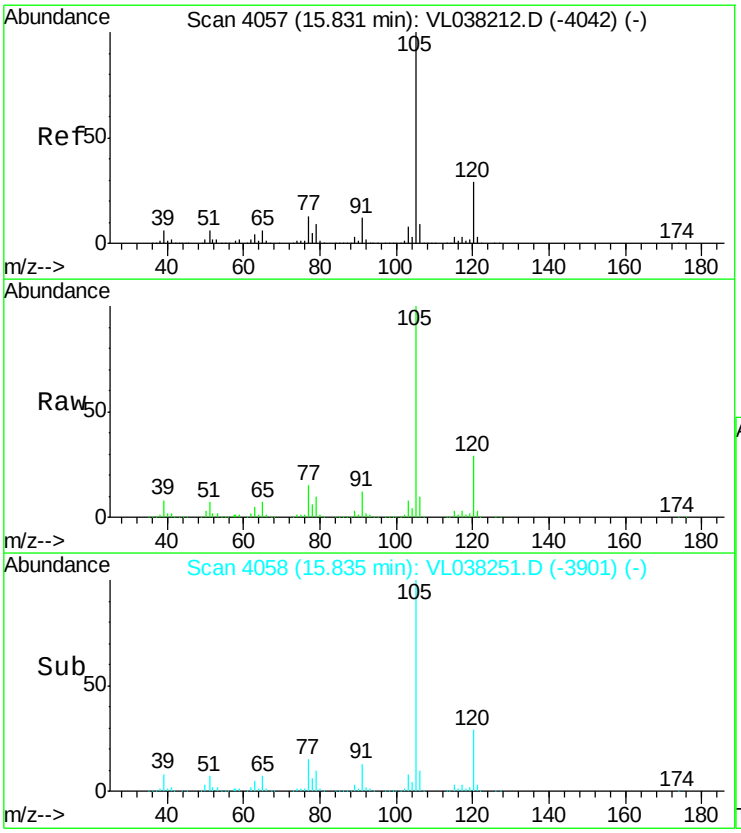
#71
2-Chlorotoluene
Concen: 6.839 ppbv
RT: 15.45
Delta R.T
Lab File:
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 1737786

Ion	Ratio	Lower	Upper
91	100		
126	29.7	12.8	51.0

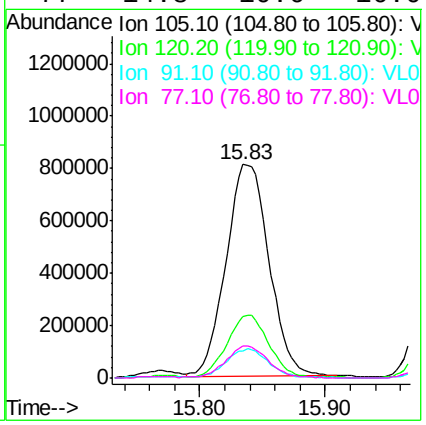


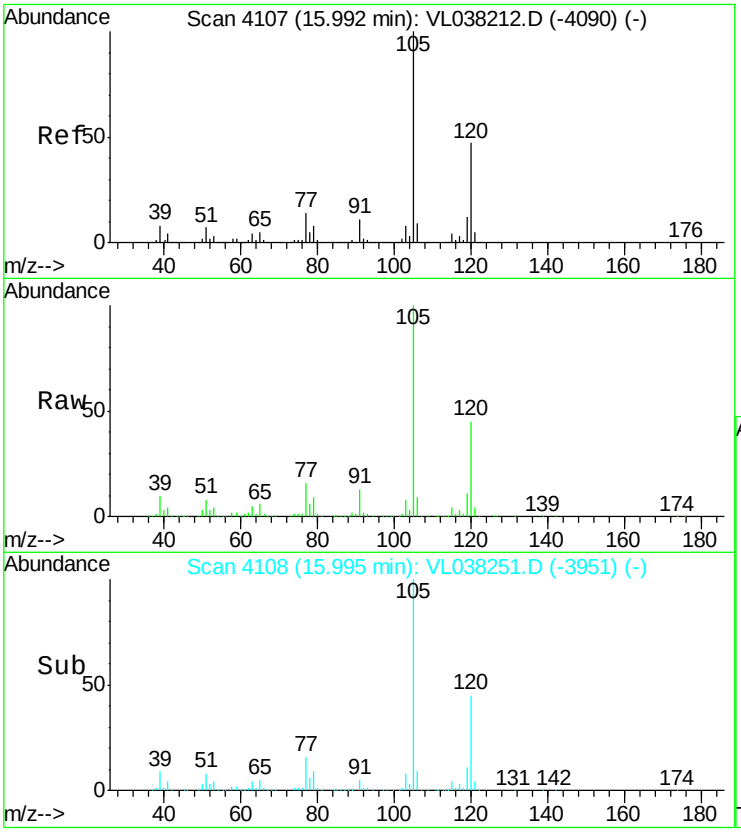


#72
4-Ethyltoluene
Concen: 6.884 ppbv
RT: 15.83 min Scan# 4058
Delta R.T. 0.00 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion:105 Resp: 1927658

Ion	Ratio	Lower	Upper
105	100		
120	29.2	24.3	36.5
91	13.4	9.8	14.6
77	14.8	10.6	16.0



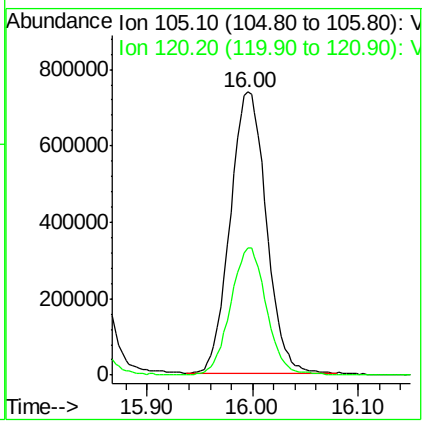


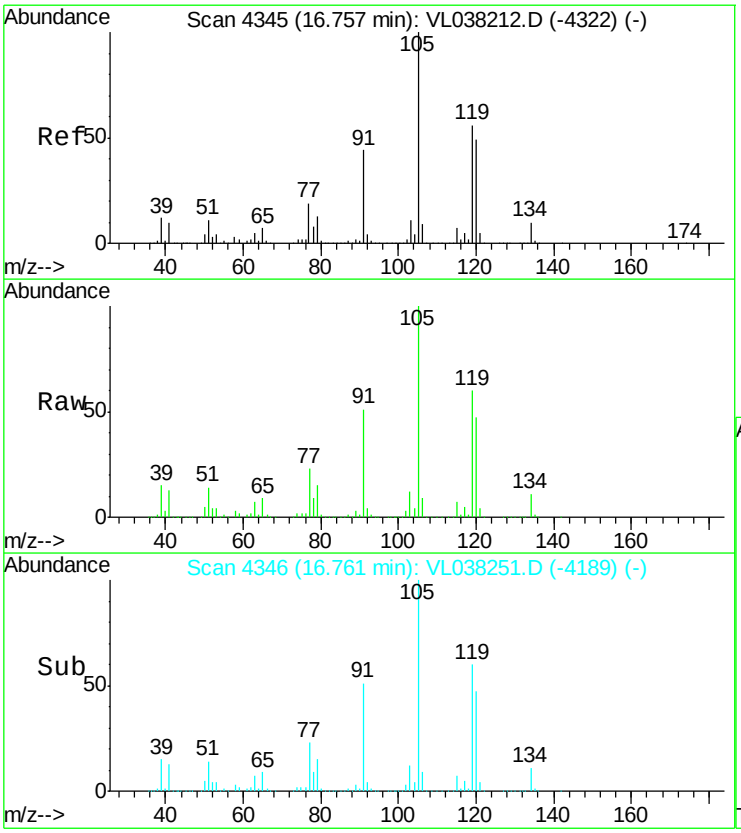
#73
1,3,5-Trimethylbenzene
Concen: 6.979 ppbv
RT: 16.00
Delta R.T
Lab File:
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:105 Resp: 1748905

Ion	Ratio	Lower	Upper
105	100		
120	45.0	37.3	55.9

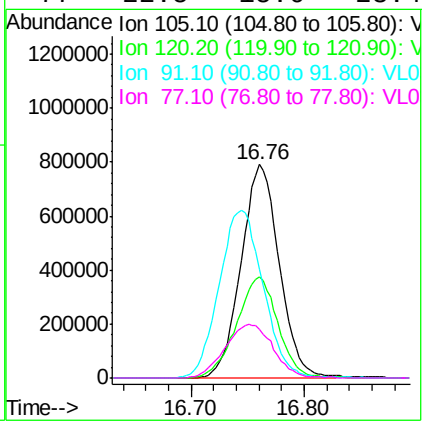


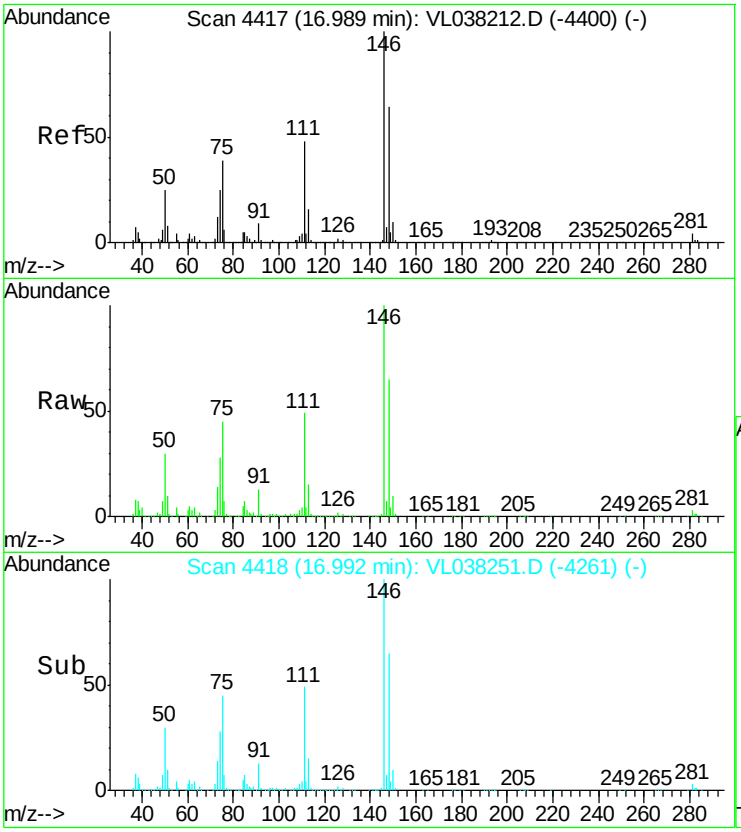


#74
1,2,4-Trimethylbenzene
Concen: 7.044 ppbv
RT: 16.76 min Scan# 4346
Delta R.T. 0.00 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion:105 Resp: 1853857

Ion	Ratio	Lower	Upper
105	100		
120	47.3	39.4	59.2
91	50.4	35.0	52.4
77	22.5	15.6	23.4



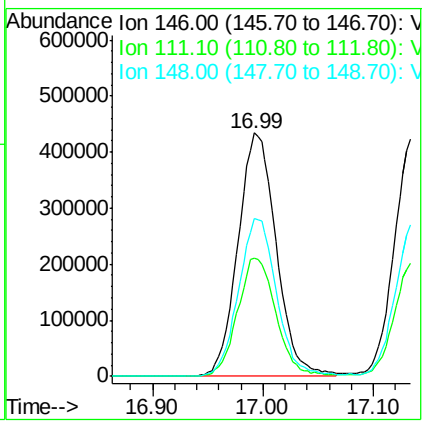


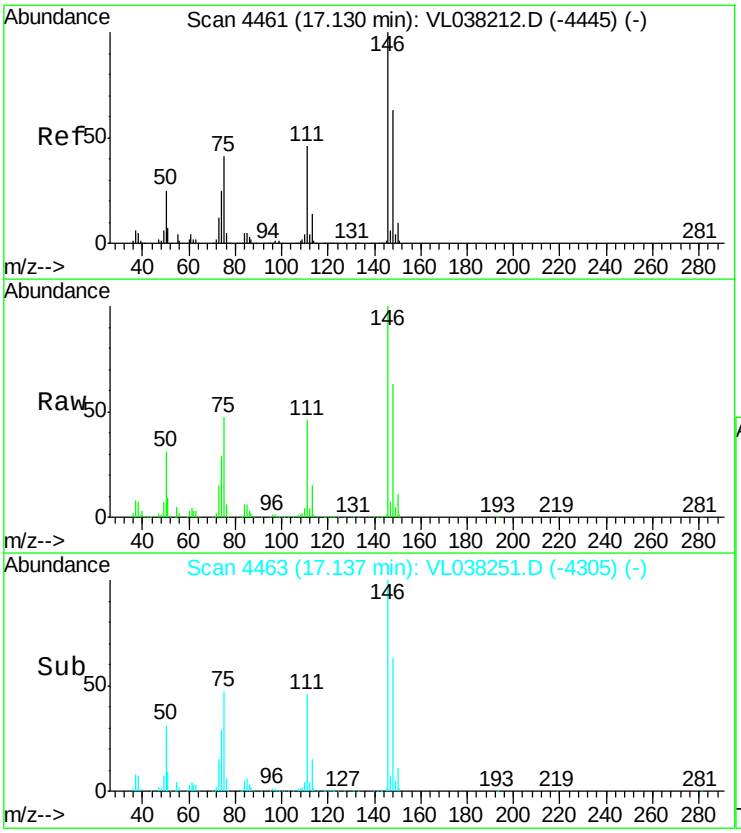
#75
1,3-Dichlorobenzene
Concen: 7.345 ppbv
RT: 16.99
Delta R.T
Lab File:
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:146 Resp: 1044186

Ion	Ratio	Lower	Upper
146	100		
111	48.7	23.8	71.4
148	64.6	32.3	96.8

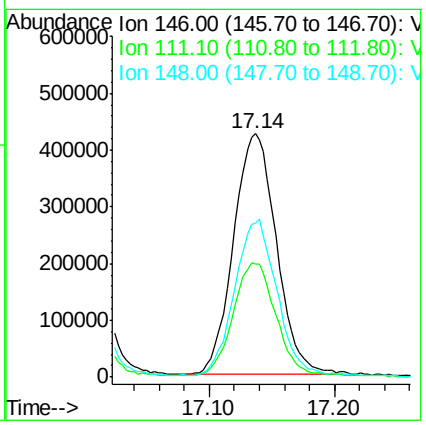


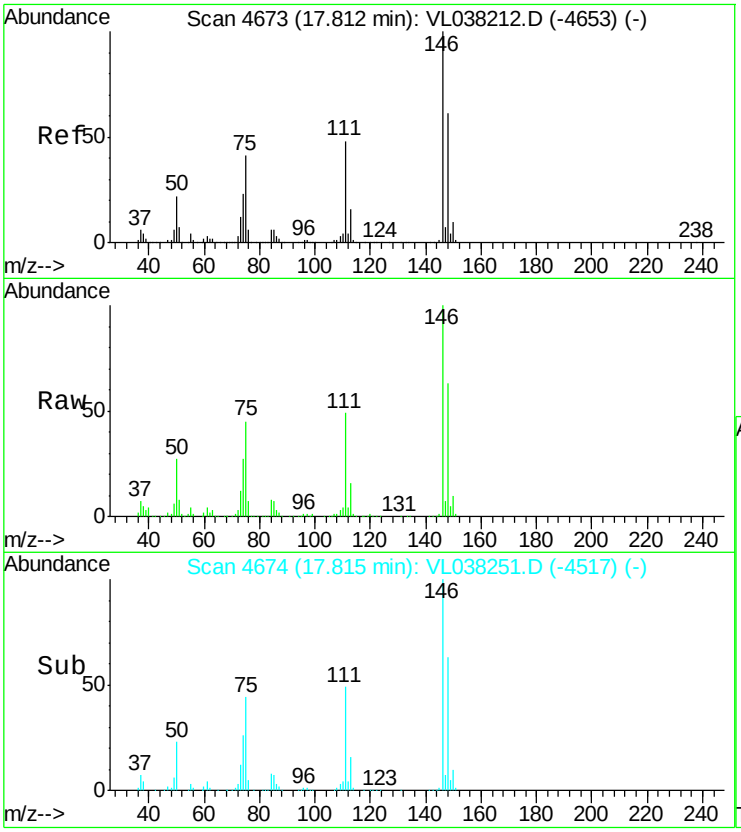


#76
1,4-Dichlorobenzene
Concen: 7.177 ppbv
RT: 17.14 min Scan# 4463
Delta R.T. 0.01 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion:146 Resp: 1012345

Ion	Ratio	Lower	Upper
146	100		
111	47.9	23.6	71.0
148	65.9	33.1	99.5



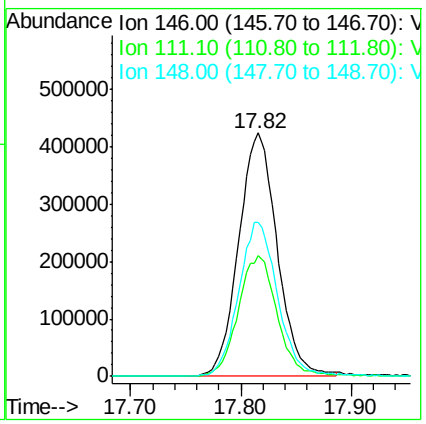


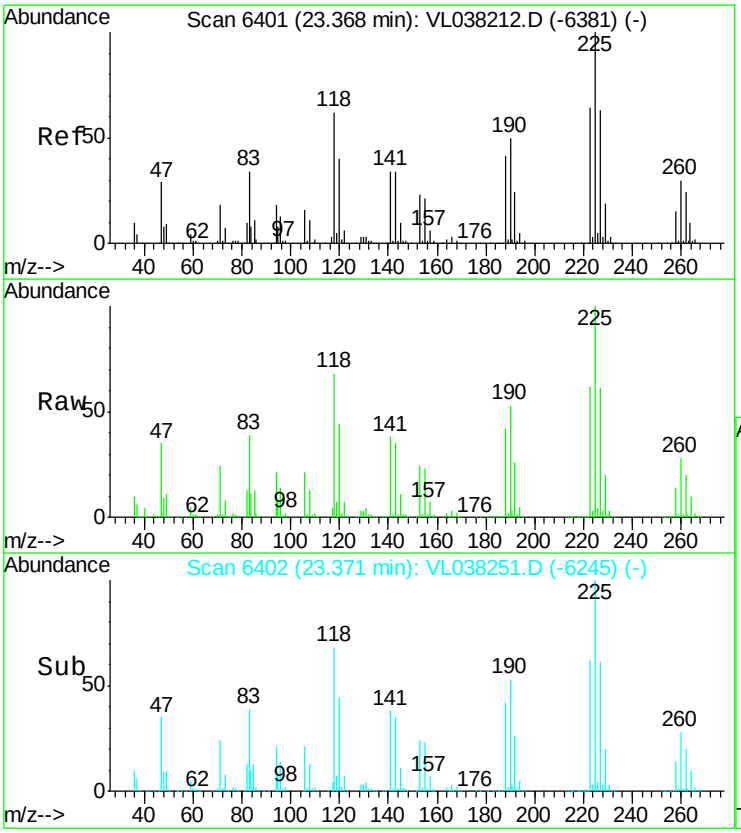
#77
1,2-Dichlorobenzene
Concen: 7.515 ppbv
RT: 17.82
Delta R.T
Lab File:
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:146 Resp: 1022954

Ion	Ratio	Lower	Upper
146	100		
111	50.8	24.9	74.7
148	64.4	32.1	96.3

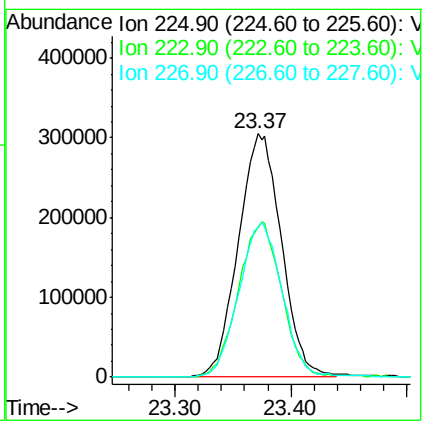


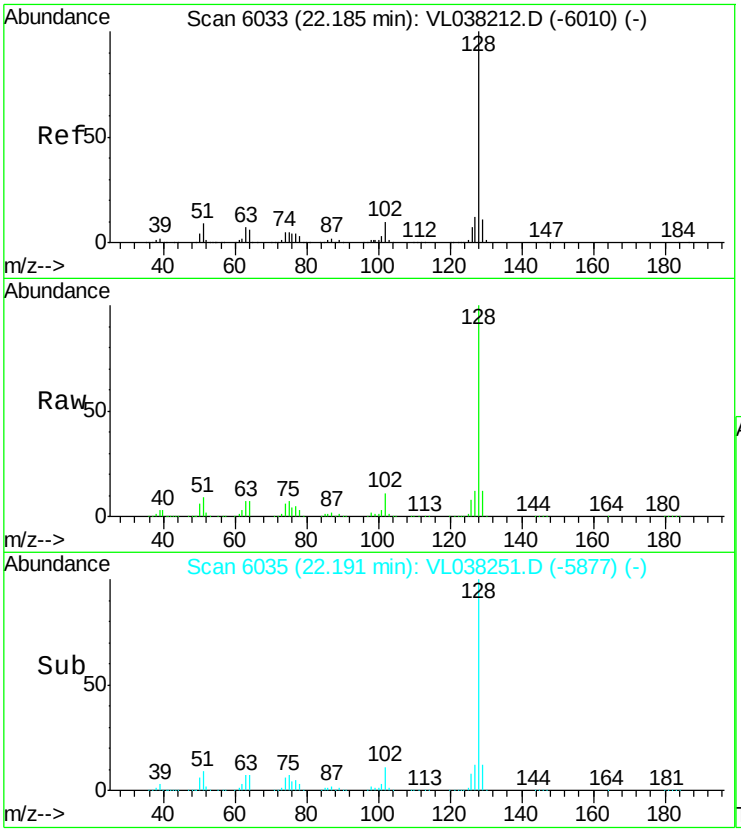


#78
Hexachloro-1,3-Butadiene
Concen: 9.381 ppbv
RT: 23.37 min Scan# 6402
Delta R.T. 0.00 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion:225 Resp: 787922

Ion	Ratio	Lower	Upper
225	100		
223	64.8	51.5	77.3
227	63.9	51.9	77.9



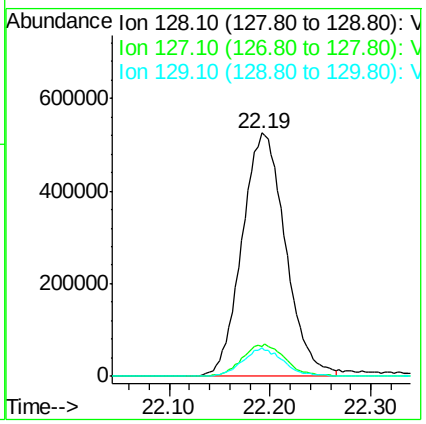


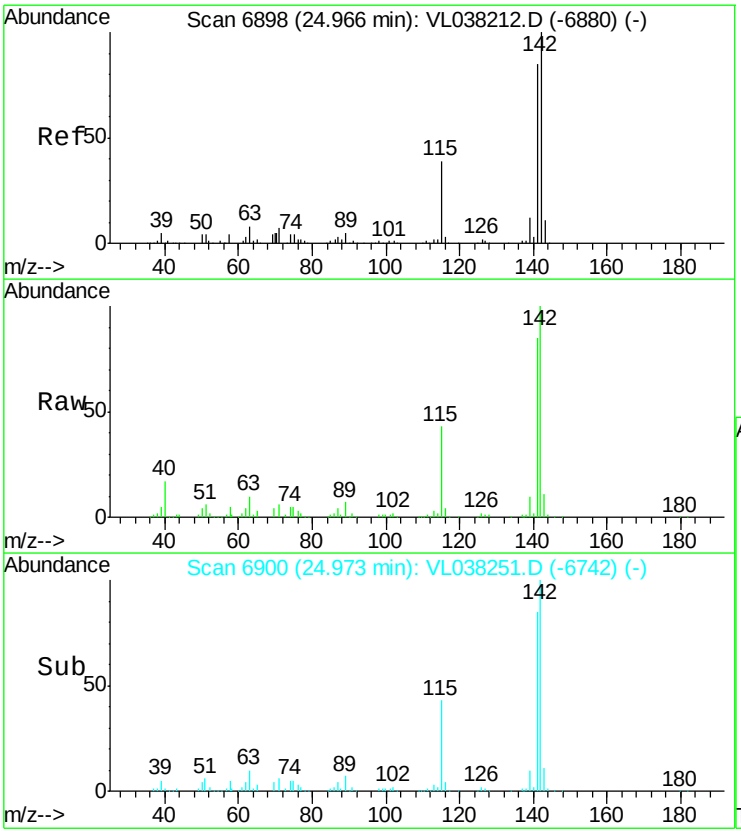
#79
Naphthalene
Concen: 11.557 ppbv
RT: 22.19
Delta R.T
Lab File:
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:128 Resp: 1571284

Ion	Ratio	Lower	Upper
128	100		
127	12.5	9.6	14.4
129	11.5	9.2	13.8

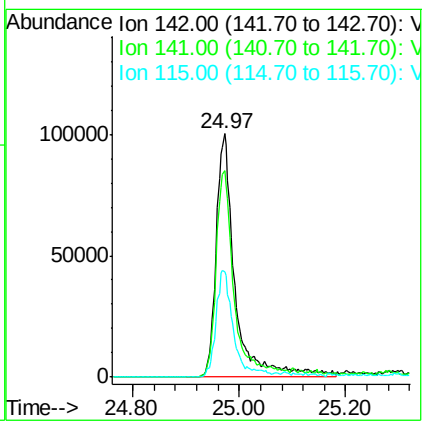


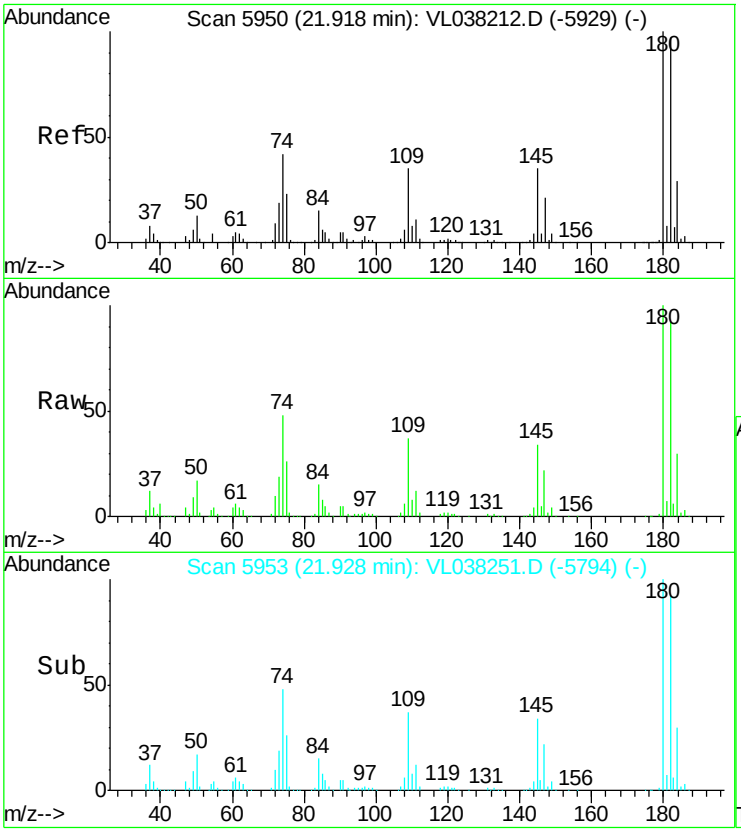


#80
Naphthalene,2-methyl-
Concen: 9.220 ppbv
RT: 24.97 min Scan# 6900
Delta R.T. 0.01 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion:142 Resp: 248724

Ion	Ratio	Lower	Upper
142	100		
141	81.1	66.7	100.1
115	40.8	29.4	44.0





#81
1,2,4-Trichlorobenzene
Concen: 10.484 ppbv
RT: 21.93
Delta R.T
Lab File:
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:180 Resp: 815170

Ion	Ratio	Lower	Upper
180	100		
182	95.5	78.2	117.2
184	30.5	25.7	38.5