Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111821\
Data File : VL038055.D
Acq On : 18 Nov 2021 15:46
Operator : SY/AP
Sample : VL1118ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL1118ABS01

Quant Time: Nov 19 07:29:30 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Nov 18 13:16:09 2021
QLast Update : Thu Nov 18 13:16:09 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	897597	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2658842	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.09	117	2999227	10.00	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	1750711	8.09	ppbv	0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 80.90%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.06	85	1504435	10.147	ppbv	100
3) Chlorodifluoromethane	3.00	51	1691473	8.973	ppbv	100
4) Chloromethane	3.15	50	576672	8.987	ppbv	99
5) Vinyl Chloride	3.27	62	586139	9.311	ppbv	100
6) Bromomethane	3.49	94	312661	9.272	ppbv	100
7) Chloroethane	3.57	64	198182	8.871	ppbv	93
8) Dichlorotetrafluoroethane	3.20	85	1340079	9.086	ppbv	100
9) Propene	3.02	41	609318	8.777	ppbv	97
10) Heptane	8.13	43	1523194	8.878	ppbv	100
11) Trichlorofluoromethane	3.96	101	1248958	8.857	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.49	101	874693	8.769	ppbv	99
13) Ethanol	3.61	45	15667	2.335	ppbv #	32
14) Bromoethene	3.75	108	405865	9.087	ppbv	99
15) Acetone	3.86	43	668709	8.593	ppbv	100
16) 1,3-Butadiene	3.34	39	550375	9.065	ppbv	99
17) tert-Butyl alcohol	4.29	59	850482	9.009	ppbv	99
18) 1,1-Dichloroethene	4.30	96	392489	8.578	ppbv	99
19) Isopropyl Alcohol	3.98	45	488604	8.689	ppbv	99
20) Methylene Chloride	4.35	84	324852	7.452	ppbv	96
21) Allyl Chloride	4.42	41	639658	8.880	ppbv	99
22) trans-1,2-Dichloroethene	4.90	96	413515	8.922	ppbv	97
23) Vinyl Acetate	5.08	43	1287176	11.426	ppbv	98
24) 1,1-Dichloroethane	5.02	63	831612	8.865	ppbv	99
25) Ethyl Acetate	5.69	43	2336267	9.033	ppbv	100
26) Hexane	5.69	57	1119213	8.978	ppbv	96
27) Carbon Disulfide	4.56	76	985320	8.823	ppbv	97
28) Methyl tert-Butyl Ether	5.04	73	981633	9.270	ppbv	100
29) Chloroform	5.76	83	1680557	9.147	ppbv	98
30) Cyclohexane	7.14	84	994249	8.785	ppbv	100
31) cis-1,2-Dichloroethene	5.56	61	1104873	9.317	ppbv	97
32) 1,1,1-Trichloroethane	6.52	97	1718726	9.217	ppbv	99
34) 2-Butanone	5.25	43	1058077	9.869	ppbv	100
35) Carbon Tetrachloride	7.03	117	1760096	9.422	ppbv	97
36) Benzene	6.90	78	2419361	9.122	ppbv	100
37) 1,2-Dichloroethane	6.31	62	1228100	9.587	ppbv	99
38) Trichloroethene	7.84	130	863576	8.632	ppbv	98
39) 1,2-Dichloropropane	7.62	63	936868	9.208	ppbv	97
40) 1,4-Dioxane	7.84	88	215561	8.132	ppbv #	1
41) Tetrahydrofuran	6.06	42	583687	8.770	ppbv	99
42) Bromodichloromethane	7.80	83	1846183	9.480	ppbv	99
43) Methyl Methacrylate	8.02	69	885868	9.763	ppbv	99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111821\
Data File : VL038055.D
Acq On : 18 Nov 2021 15:46
Operator : SY/AP
Sample : VL1118ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL1118ABS01

Quant Time: Nov 19 07:29:30 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Nov 18 13:16:09 2021
QLast Update : Thu Nov 18 13:16:09 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	3871309	8.724	ppbv		100
45) t-1,3-Dichloropropene	9.28	75	775235	10.651	ppbv		99
46) cis-1,3-Dichloropropene	8.71	75	978476	9.939	ppbv		100
47) 1,1,2-Trichloroethane	9.48	97	967017	9.075	ppbv		97
48) Dibromochloromethane	10.31	129	1582886	9.755	ppbv		99
49) Bromoform	13.05	173	1195342	10.297	ppbv		99
50) 4-Methyl-2-Pentanone	8.75	43	1554074	9.545	ppbv		100
51) 2-Hexanone	10.14	43	729493	9.523	ppbv	#	98
52) Tetrachloroethene	11.23	164	806214	8.215	ppbv		96
53) Toluene	9.81	91	2757532	9.036	ppbv		100
54) 1,2-Dibromoethane	10.62	107	1406458	9.345	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.13	131	1017325	7.472	ppbv		99
57) Chlorobenzene	12.15	112	1955827	7.276	ppbv		97
58) Ethyl Benzene	12.72	91	3582102	7.226	ppbv		99
59) m/p-Xylene	13.00	91	3267367	7.830	ppbv	#	46
60) o-Xylene	13.70	91	2707101	6.993	ppbv		99
61) Styrene	13.54	104	1603514	7.726	ppbv		99
62) Isopropylbenzene	14.67	105	3862169	7.029	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.68	83	1969852	6.851	ppbv		99
64) n-propylbenzene	15.57	120	1040548	7.433	ppbv		98
65) tert-Butylbenzene	16.75	119	3332433	6.884	ppbv		100
66) Benzyl Chloride	16.99	91	189292	7.715	ppbv		99
67) sec-Butylbenzene	17.30	105	4741979	7.030	ppbv		100
69) p-Isopropyltoluene	17.66	119	3915389	7.420	ppbv		100
70) n-Butylbenzene	18.55	91	3912684	7.755	ppbv		100
71) 2-Chlorotoluene	15.46	91	2933038	7.301	ppbv		100
72) 4-Ethyltoluene	15.84	105	3370073	7.509	ppbv		99
73) 1,3,5-Trimethylbenzene	16.00	105	2994031	7.304	ppbv		100
74) 1,2,4-Trimethylbenzene	16.77	105	3057205	7.237	ppbv		94
75) 1,3-Dichlorobenzene	17.00	146	1765800	7.611	ppbv		99
76) 1,4-Dichlorobenzene	17.14	146	1729046	7.405	ppbv		100
77) 1,2-Dichlorobenzene	17.82	146	1710809	7.615	ppbv		100
78) Hexachloro-1,3-Butadiene	23.38	225	1018048	7.258	ppbv		98
79) Naphthalene	22.20	128	2091962	9.404	ppbv		99
80) Naphthalene,2-methyl-	24.97	142	490804	10.295	ppbv		96
81) 1,2,4-Trichlorobenzene	21.93	180	1113229	8.708	ppbv		99

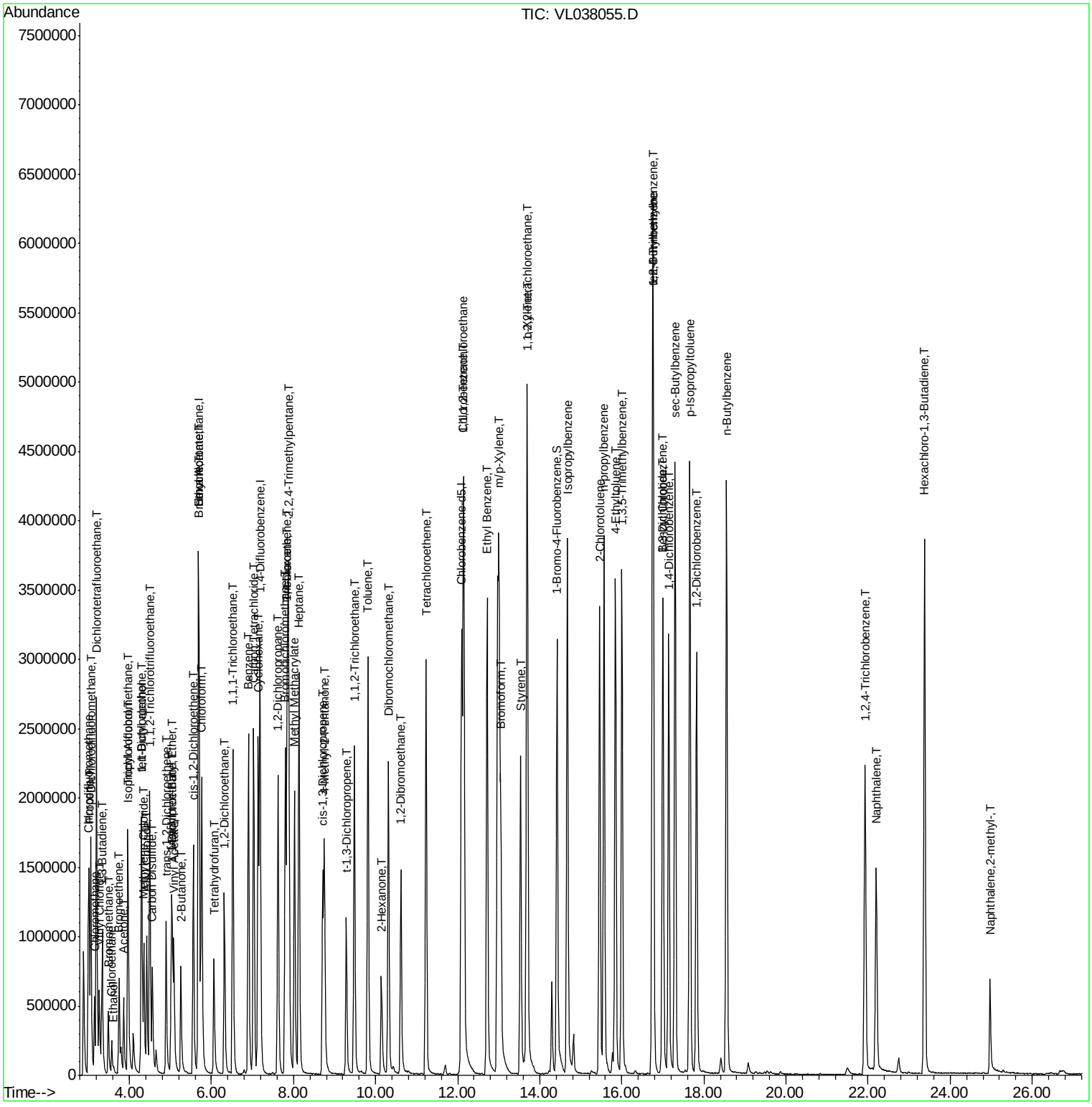
(#) = qualifier out of range (m) = manual integration (+) = signals summed

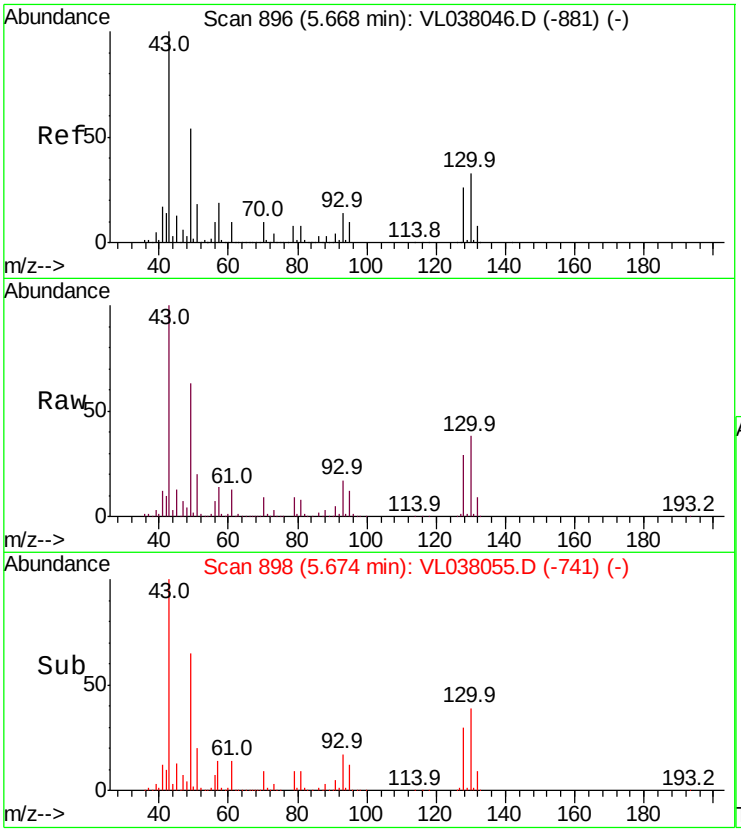
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111821\
Data File : VL038055.D
Acq On : 18 Nov 2021 15:46
Operator : SY/AP
Sample : VL1118ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Quant Time: Nov 19 07:29:30 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Nov 18 13:16:09 2021
QLast Update : Thu Nov 18 13:16:09 2021
Response via : Initial Calibration



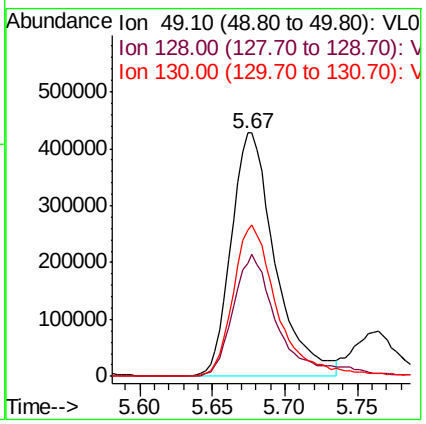


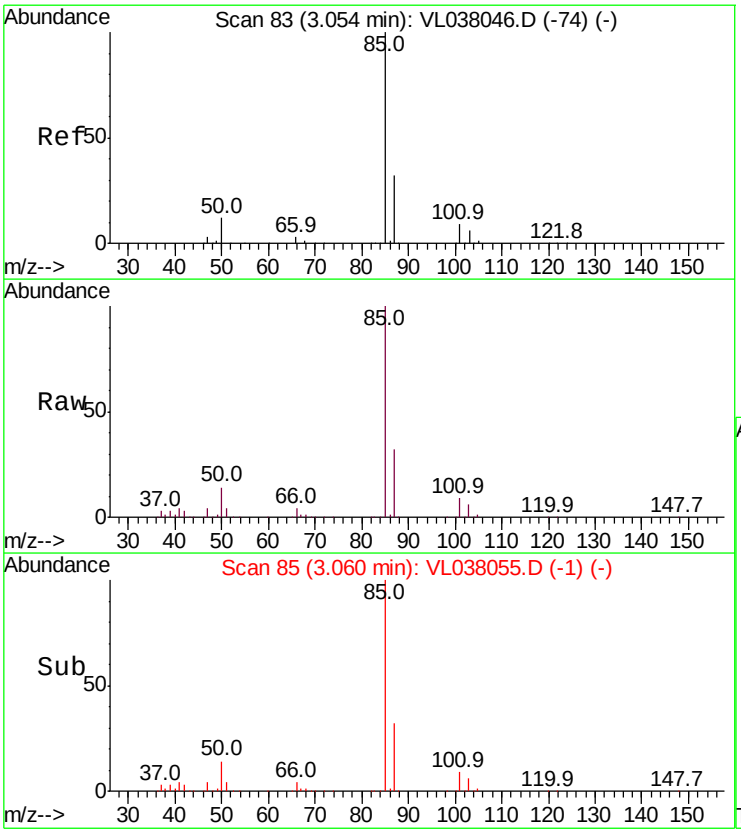
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 18 Nov 2021 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Tgt Ion: 49 Resp: 897597

Ion	Ratio	Lower	Upper
49	100		
128	52.4	26.5	79.5
130	63.5	32.5	97.4

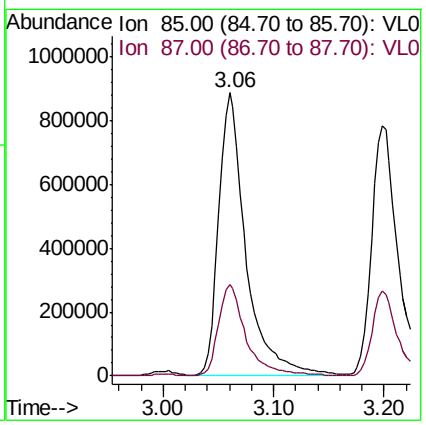


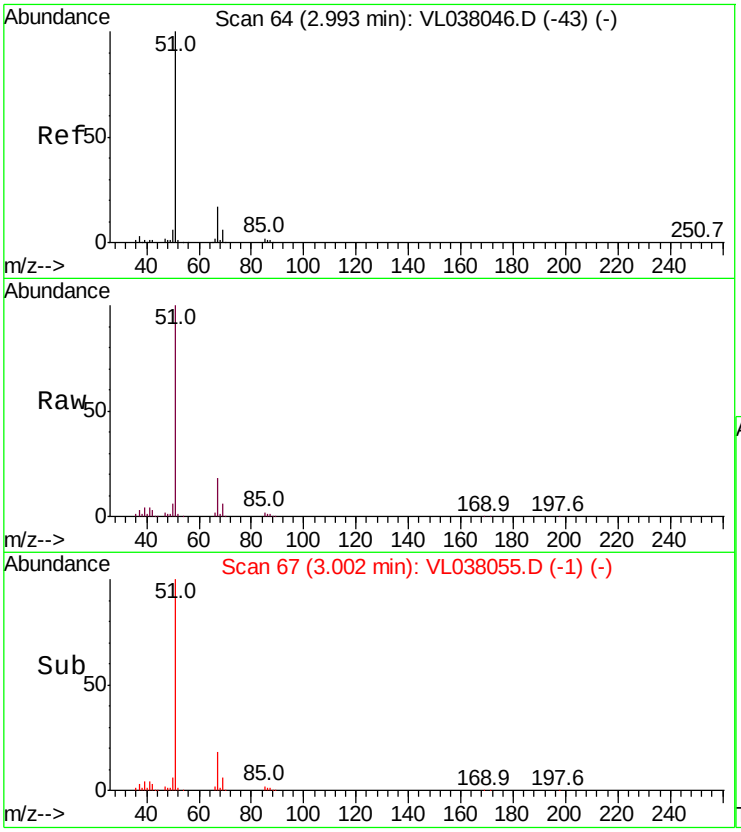


#2
Dichlorodifluoromethane
Concen: 10.147 ppbv
RT: 3.06 min Scan# 85
Delta R.T. 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion: 85 Resp: 1504435

Ion	Ratio	Lower	Upper
85	100		
87	32.1	25.8	38.6



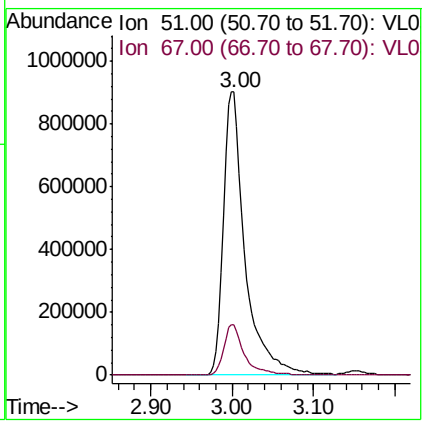


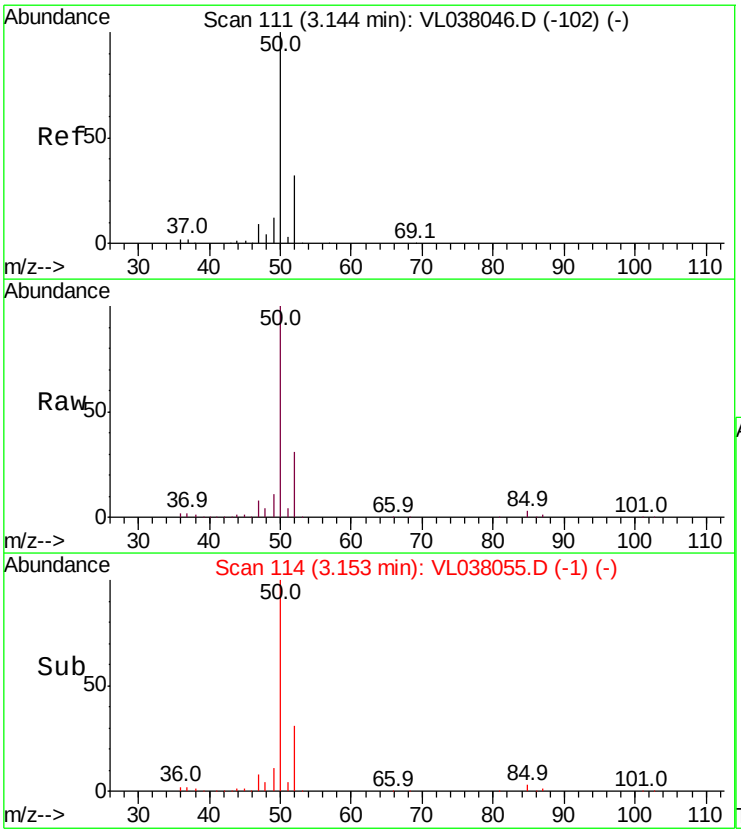
#3
Chlorodifluoromethane
Concen: 8.973 ppbv
RT: 3.00
Delta R.T
Lab File:
Acq: 18 Nov 2021 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Tgt Ion: 51 Resp: 1691473

Ion	Ratio	Lower	Upper
51	100		
67	17.3	13.8	20.8

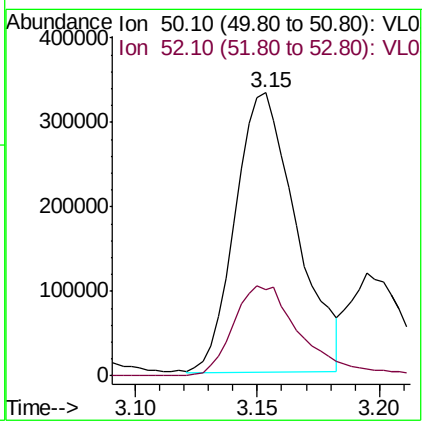


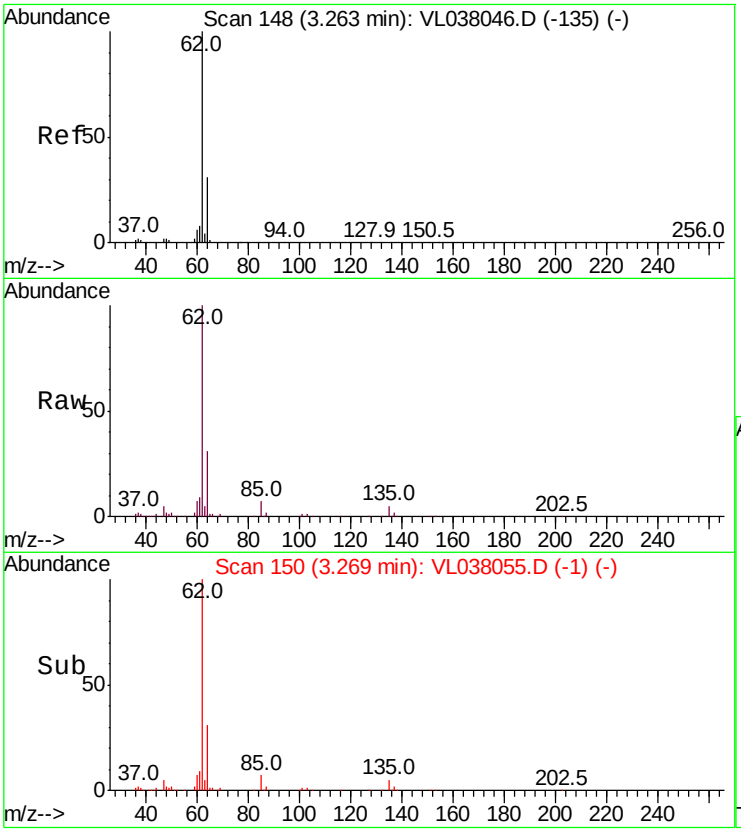


#4
Chloromethane
Concen: 8.987 ppbv
RT: 3.15 min Scan# 114
Delta R.T. 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion: 50 Resp: 576672

Ion	Ratio	Lower	Upper
50	100		
52	31.0	25.4	38.0



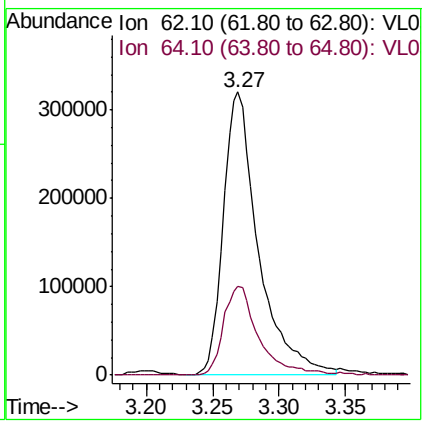


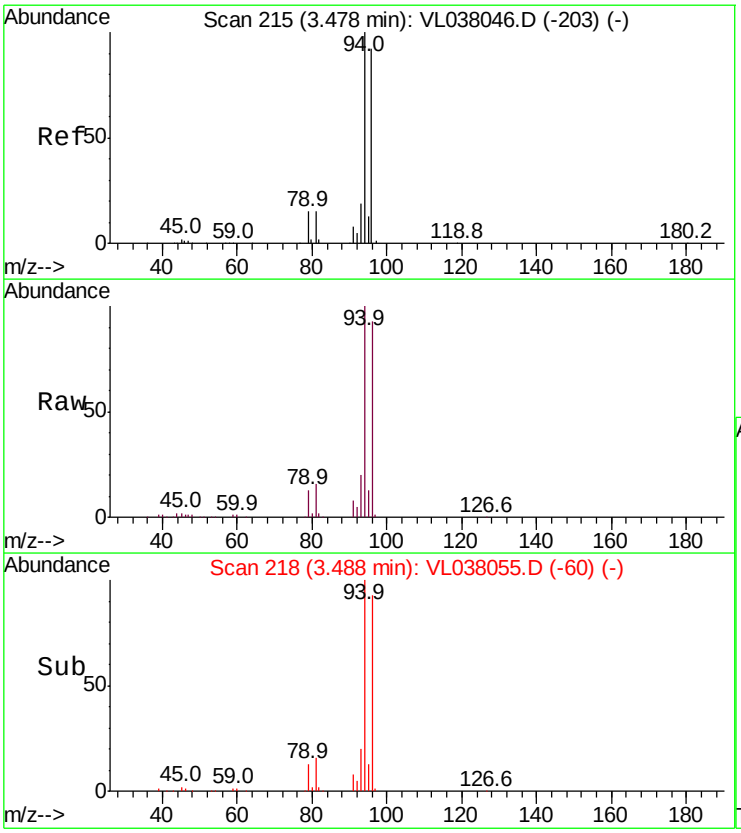
#5
Vinyl Chloride
Concen: 9.311 ppbv
RT: 3.27
Delta R.T
Lab File:
Acq: 18 Nov 2021 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Tgt Ion: 62 Resp: 586139

Ion	Ratio	Lower	Upper
62	100		
64	31.5	25.1	37.7

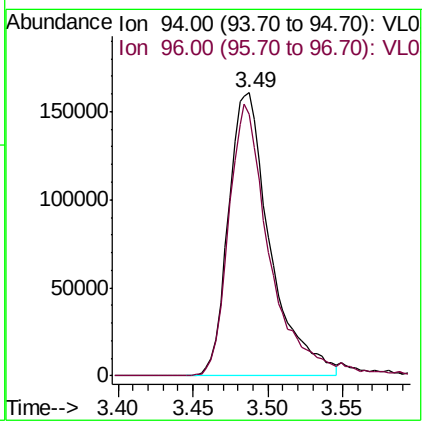


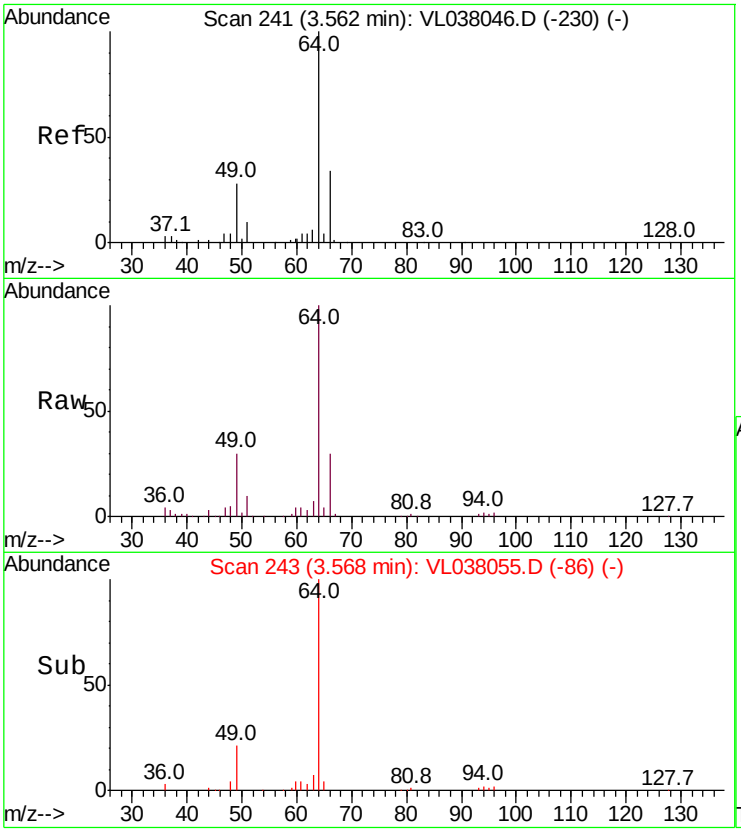


#6
Bromomethane
Concen: 9.272 ppbv
RT: 3.49 min Scan# 218
Delta R.T. 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion: 94 Resp: 312661

Ion	Ratio	Lower	Upper
94	100		
96	92.6	73.9	110.9



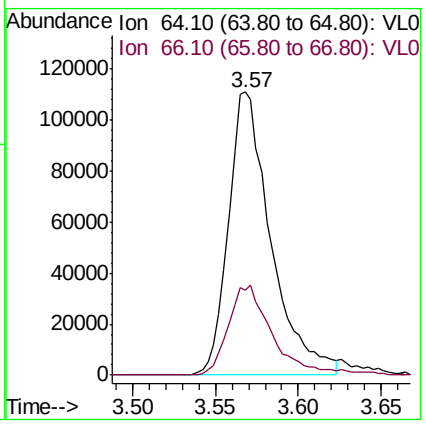


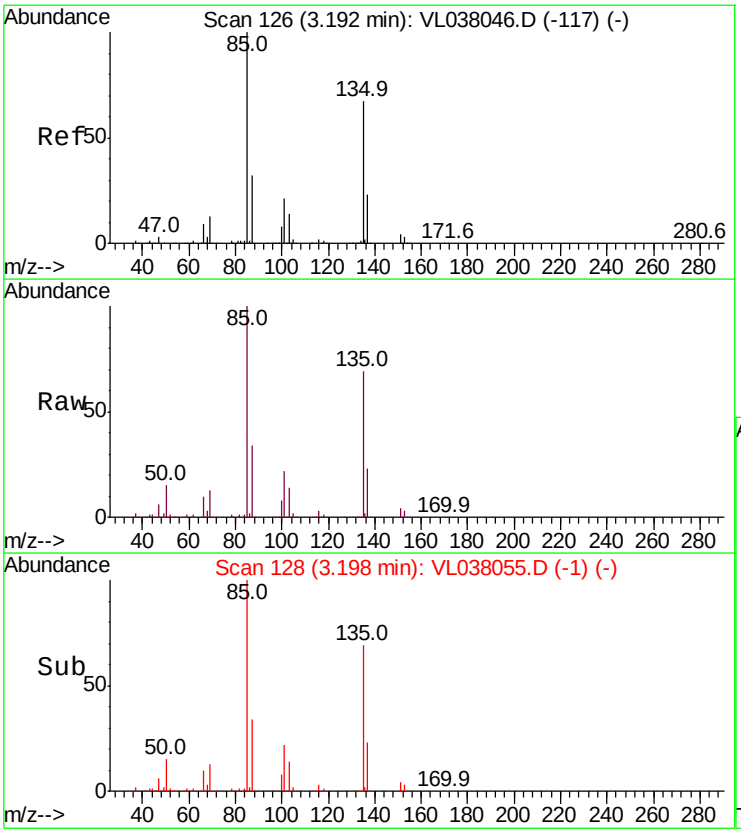
#7
Chloroethane
Concen: 8.871 ppbv
RT: 3.57
Delta R.T
Lab File:
Acq: 18 Nov 2021 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Tgt Ion: 64 Resp: 198182

Ion	Ratio	Lower	Upper
64	100		
66	29.9	27.2	40.8

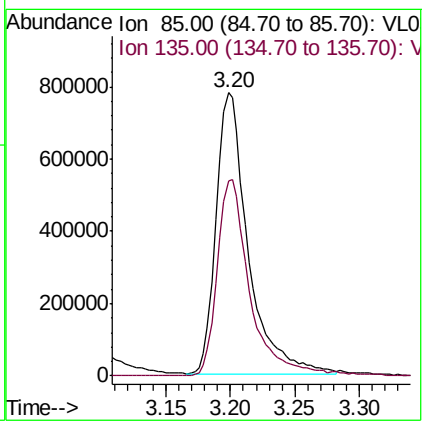


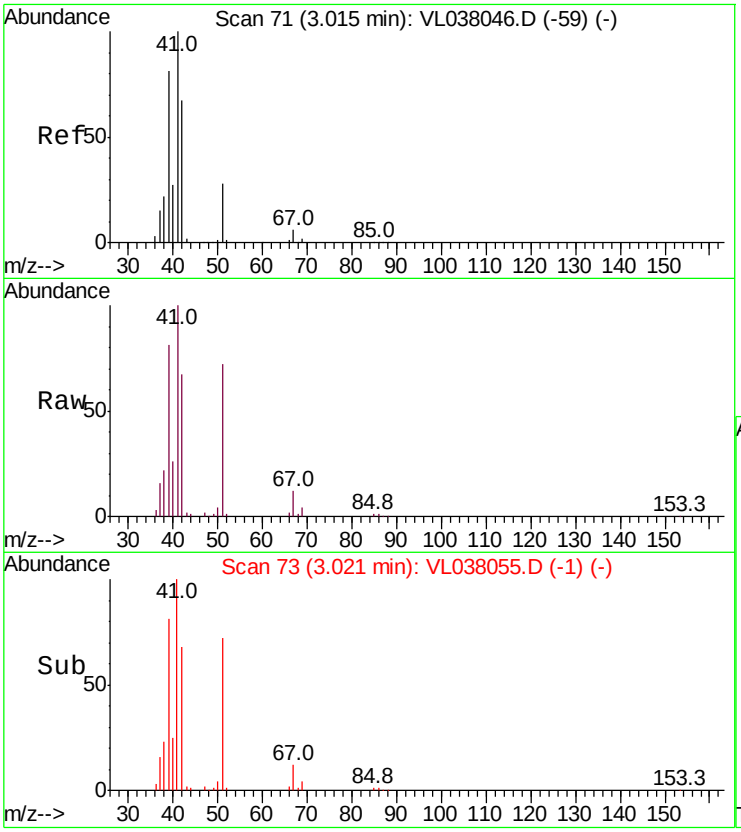


#8
Dichlorotetrafluoroethane
Concen: 9.086 ppbv
RT: 3.20 min Scan# 128
Delta R.T. 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion: 85 Resp: 1340079

Ion	Ratio	Lower	Upper
85	100		
135	72.4	57.9	86.9



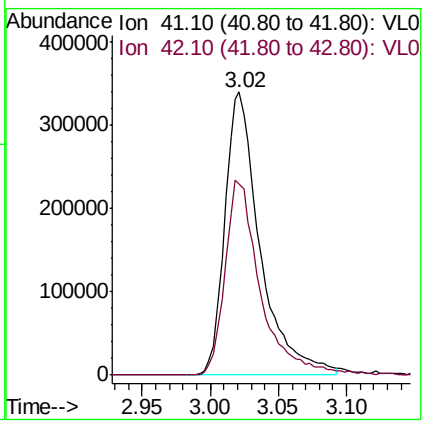


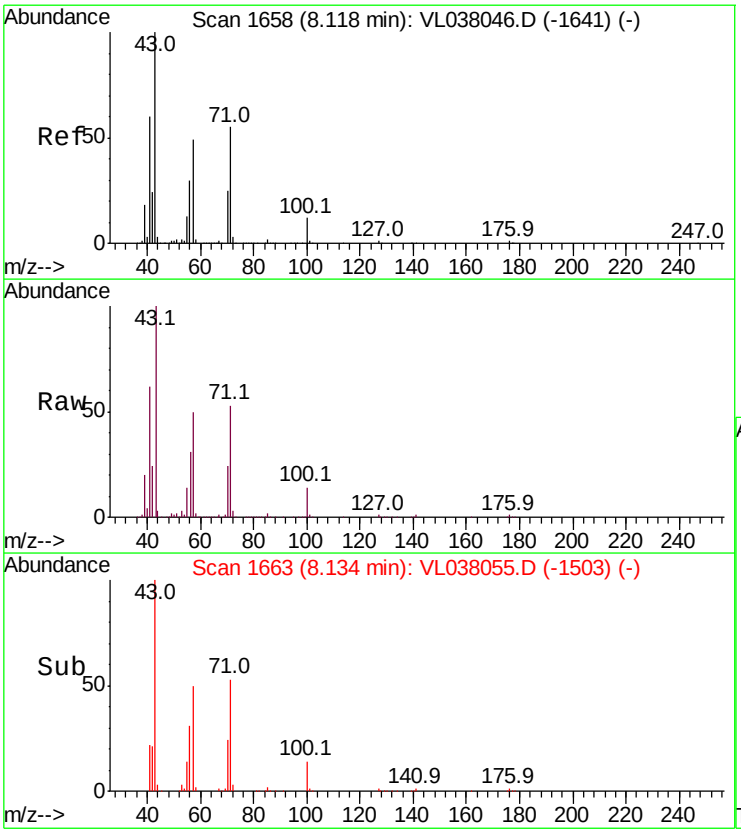
#9
Propene
Concen: 8.777 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 18 Nov 2021 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Tgt Ion: 41 Resp: 609318

Ion	Ratio	Lower	Upper
41	100		
42	70.0	53.8	80.8

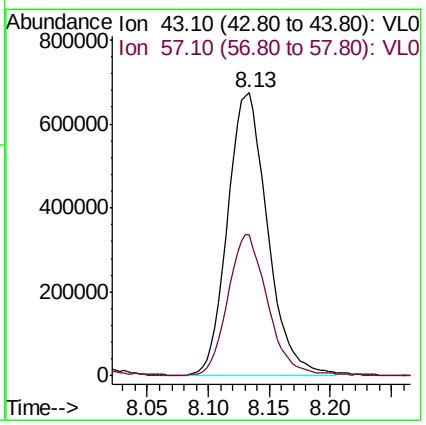


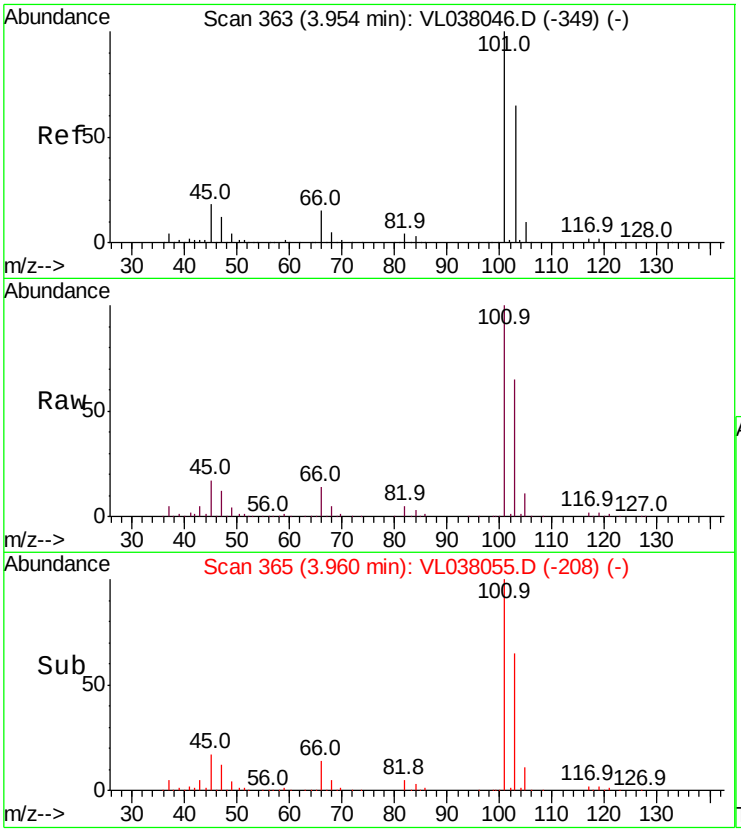


#10
Heptane
Concen: 8.878 ppbv
RT: 8.13 min Scan# 1663
Delta R.T. 0.02 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion: 43 Resp: 1523194

Ion	Ratio	Lower	Upper
43	100		
57	50.4	40.4	60.6



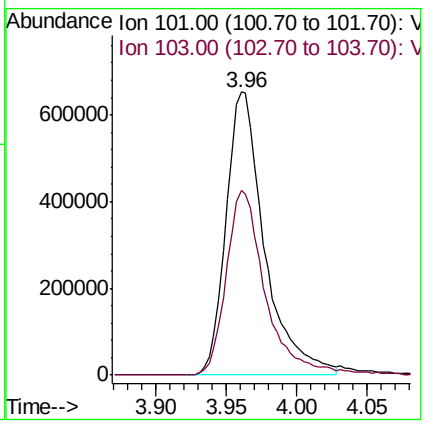


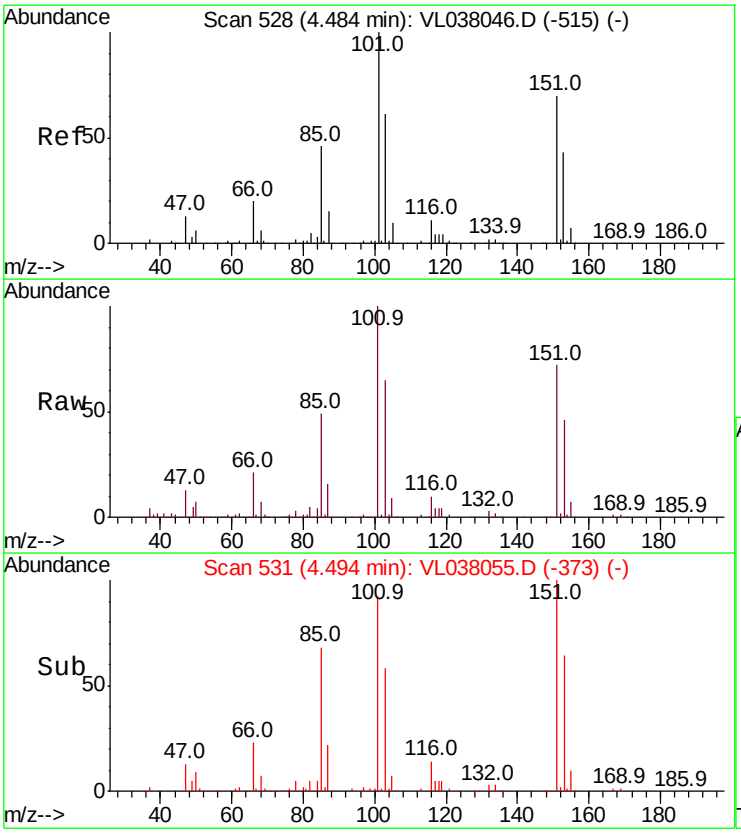
#11
Trichlorofluoromethane
Concen: 8.857 ppbv
RT: 3.96
Delta R.T
Lab File:
Acq: 18 Nov 2021 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Tgt Ion:101 Resp: 1248958

Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.8	77.6

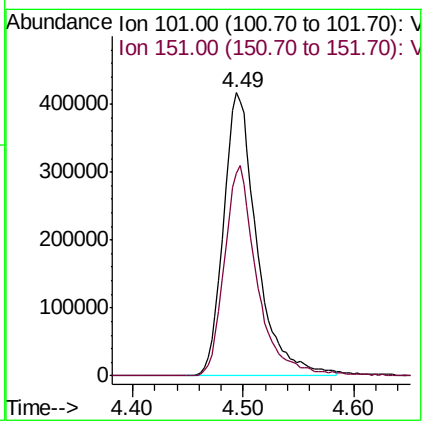


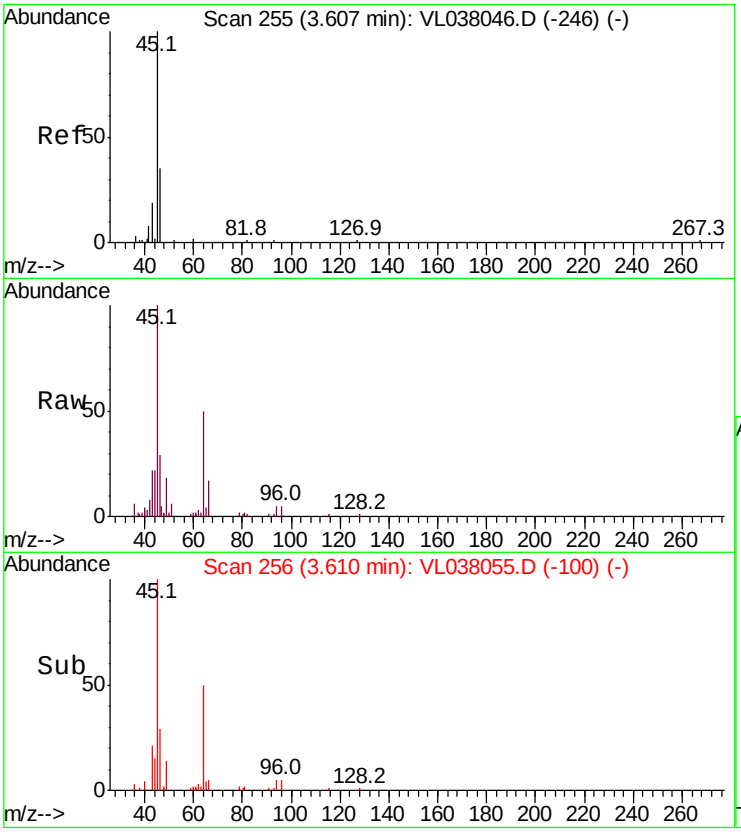


#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.769 ppbv
RT: 4.49 min Scan# 531
Delta R.T. 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion:101 Resp: 874693

Ion	Ratio	Lower	Upper
101	100		
151	73.0	59.0	88.4



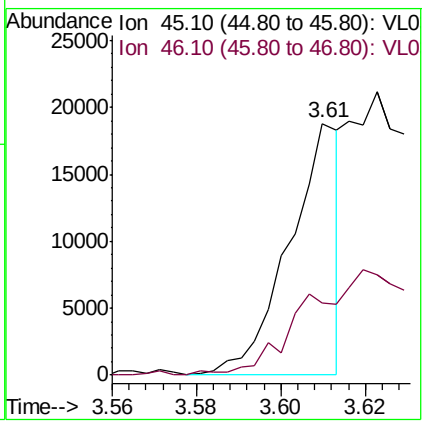


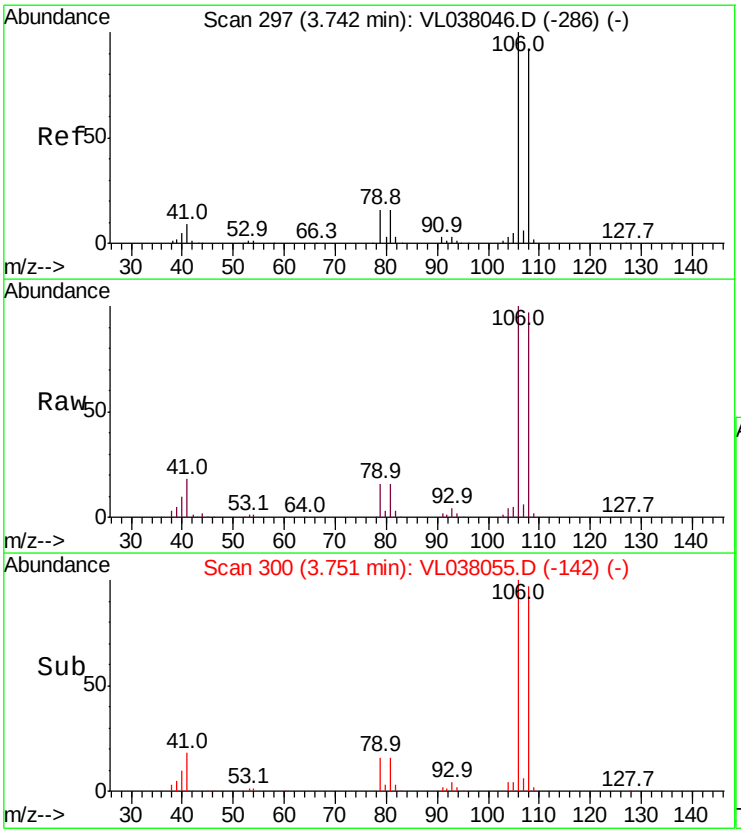
#13
Ethanol
Concen: 2.335 ppbv
RT: 3.61
Delta R.T
Lab File:
Acq: 18 Nov 2021 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Tgt Ion: 45 Resp: 15667

Ion	Ratio	Lower	Upper
45	100		
46	0.0	17.6	70.2#

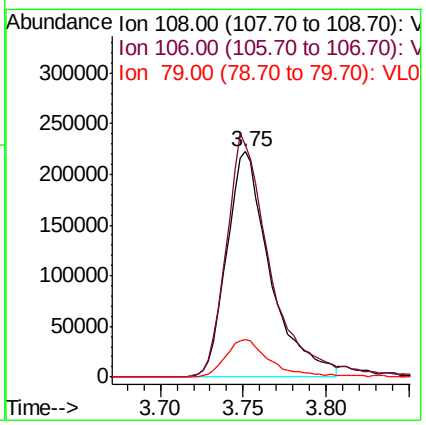


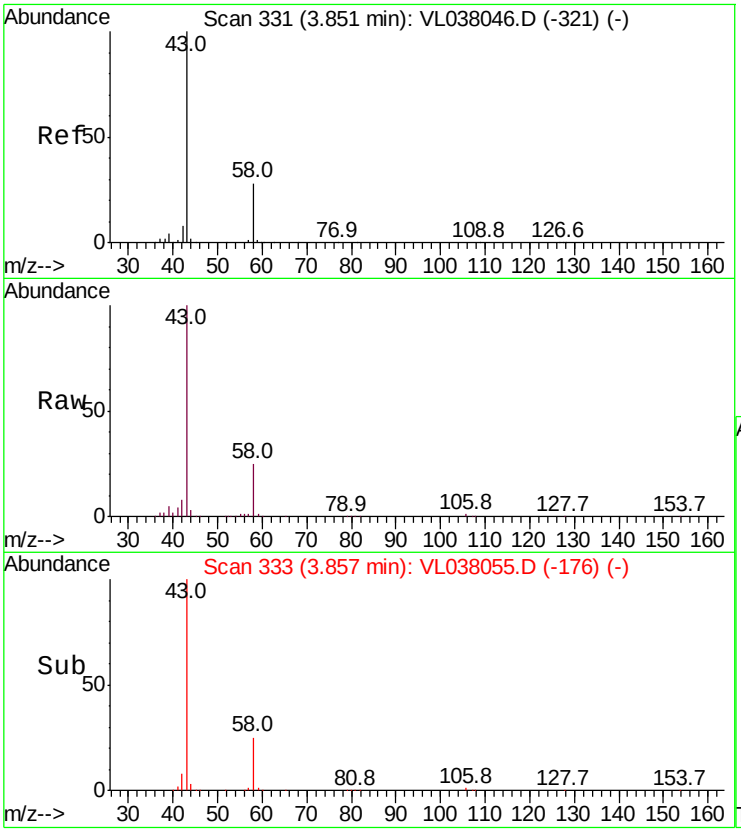


#14
Bromoethene
Concen: 9.087 ppbv
RT: 3.75 min Scan# 300
Delta R.T. 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion:108 Resp: 405865

Ion	Ratio	Lower	Upper
108	100		
106	110.9	89.4	134.0
79	17.8	14.1	21.1



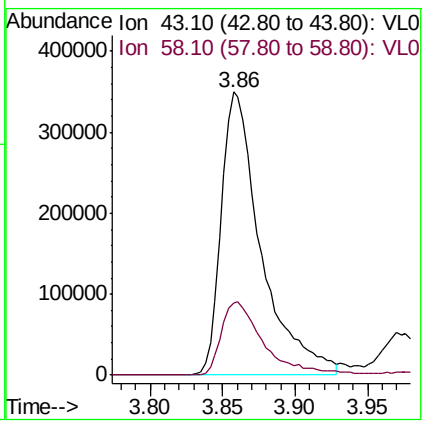


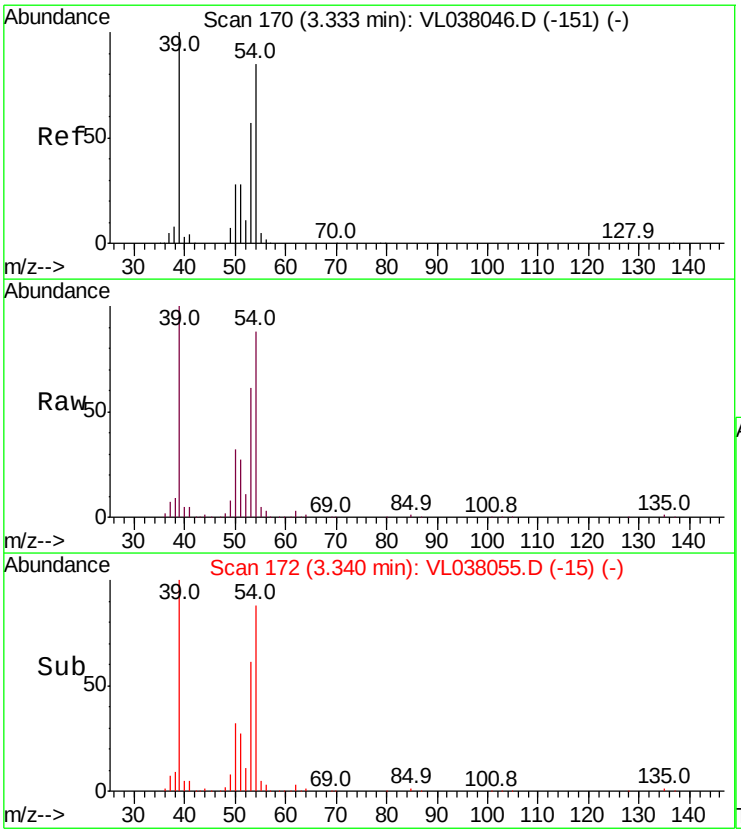
#15
Acetone
Concen: 8.593 ppbv
RT: 3.86
Delta R.T
Lab File:
Acq: 18 Nov 2021 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Tgt Ion: 43 Resp: 668709

Ion	Ratio	Lower	Upper
43	100		
58	27.9	22.4	33.6

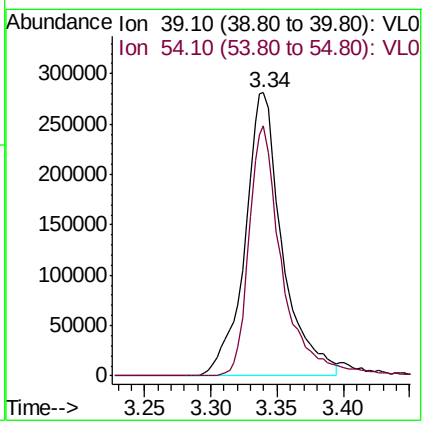


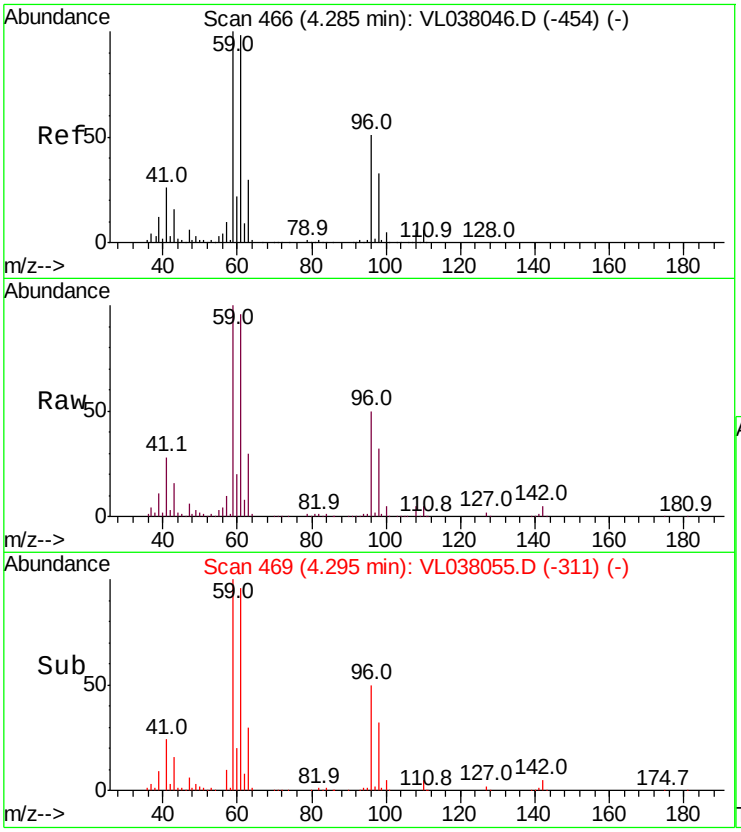


#16
1,3-Butadiene
Concen: 9.065 ppbv
RT: 3.34 min Scan# 172
Delta R.T. 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion: 39 Resp: 550375

Ion	Ratio	Lower	Upper
39	100		
54	79.7	64.4	96.6



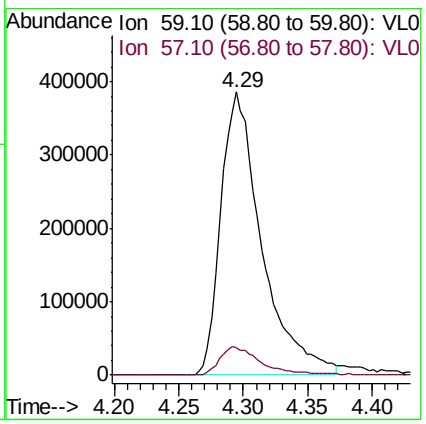


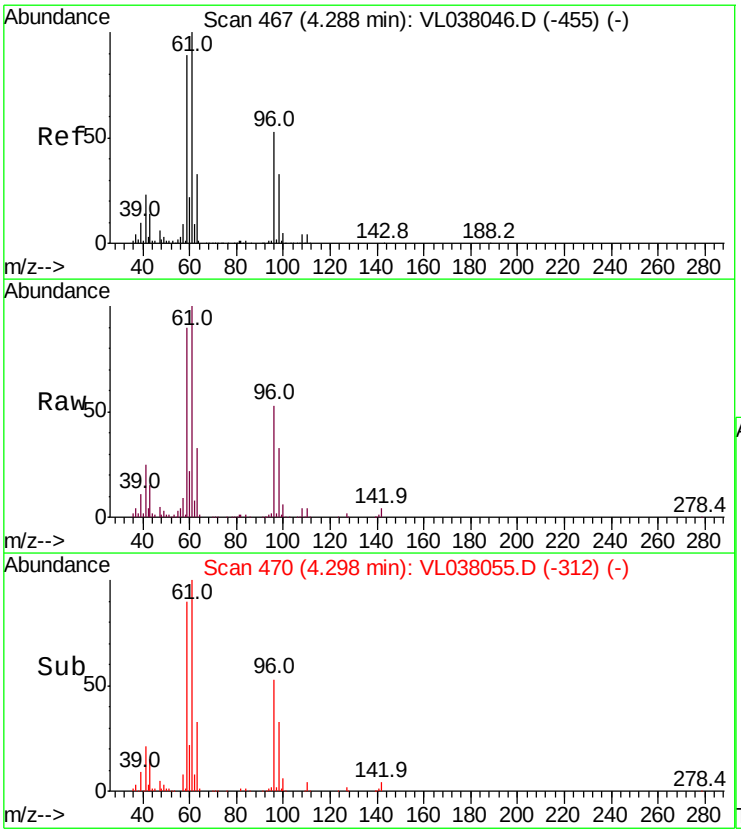
#17
tert-Butyl alcohol
Concen: 9.009 ppbv
RT: 4.29
Delta R.T
Lab File:
Acq: 18 Nov 2021 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Tgt Ion: 59 Resp: 850482

Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.6	13.0

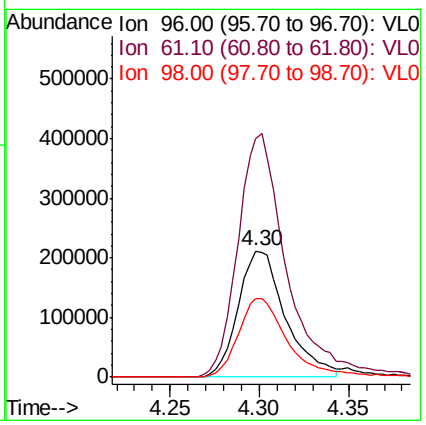


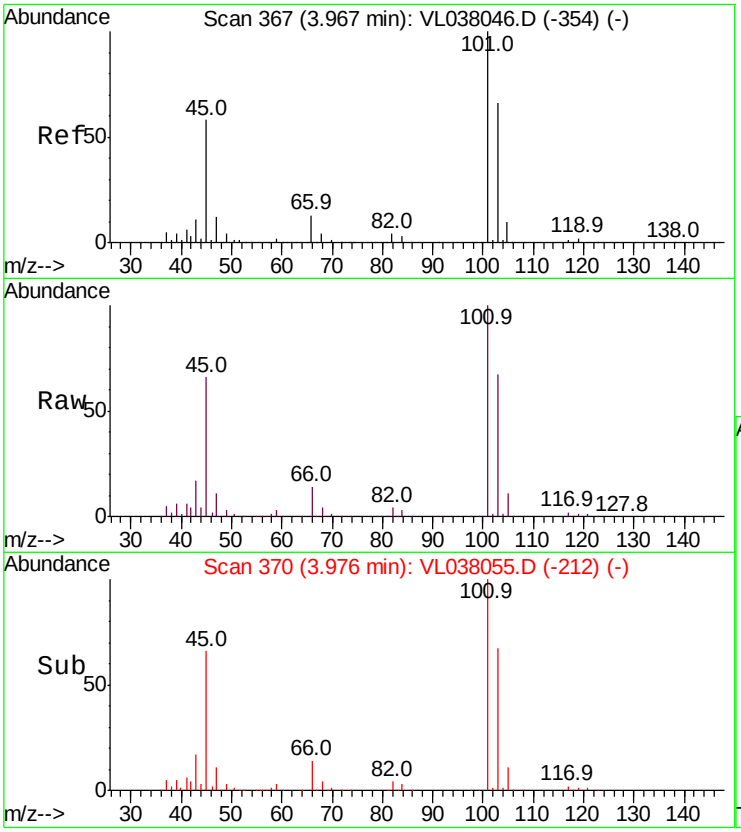


#18
1,1-Dichloroethene
Concen: 8.578 ppbv
RT: 4.30 min Scan# 470
Delta R.T. 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion: 96 Resp: 392489

Ion	Ratio	Lower	Upper
96	100		
61	189.1	149.8	224.8
98	62.5	50.2	75.2



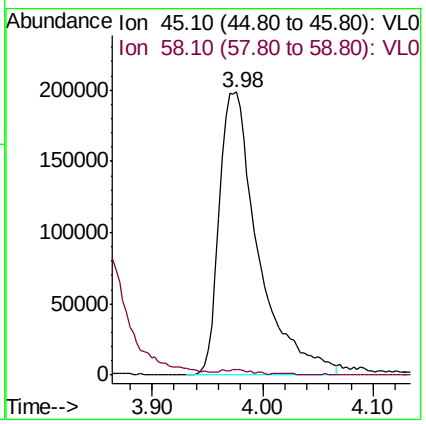


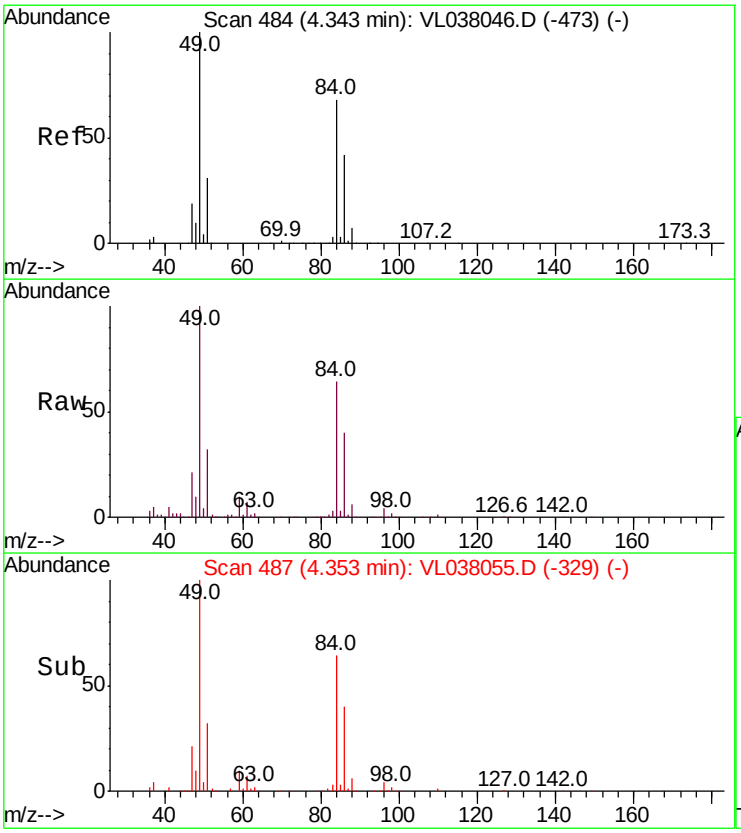
#19
Isopropyl Alcohol
Concen: 8.689 ppbv
RT: 3.98
Delta R.T
Lab File:
Acq: 18 Nov 2021 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Tgt Ion: 45 Resp: 488604

Ion	Ratio	Lower	Upper
45	100		
58	1.9	1.4	2.0

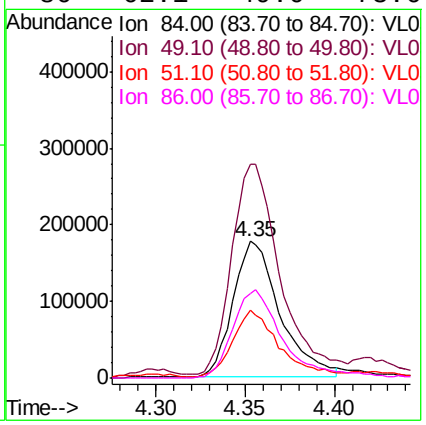


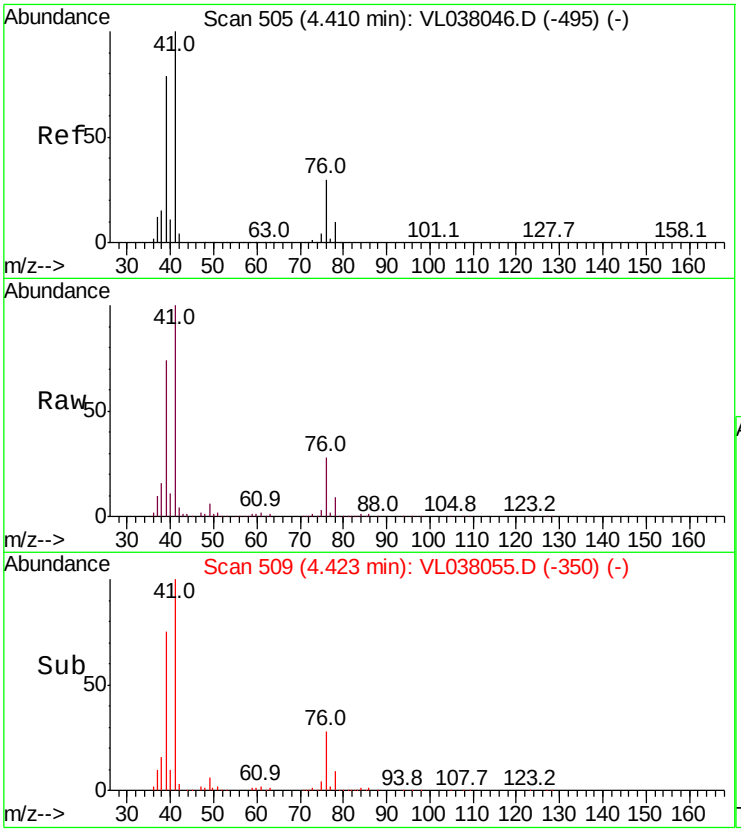


#20
Methylene Chloride
Concen: 7.452 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion: 84 Resp: 324852

Ion	Ratio	Lower	Upper
84	100		
49	154.3	118.2	177.2
51	48.7	36.8	55.2
86	62.1	49.0	73.6



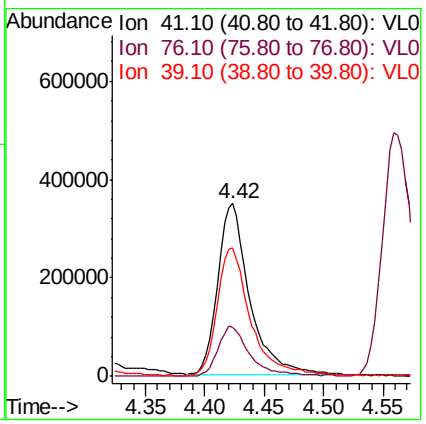


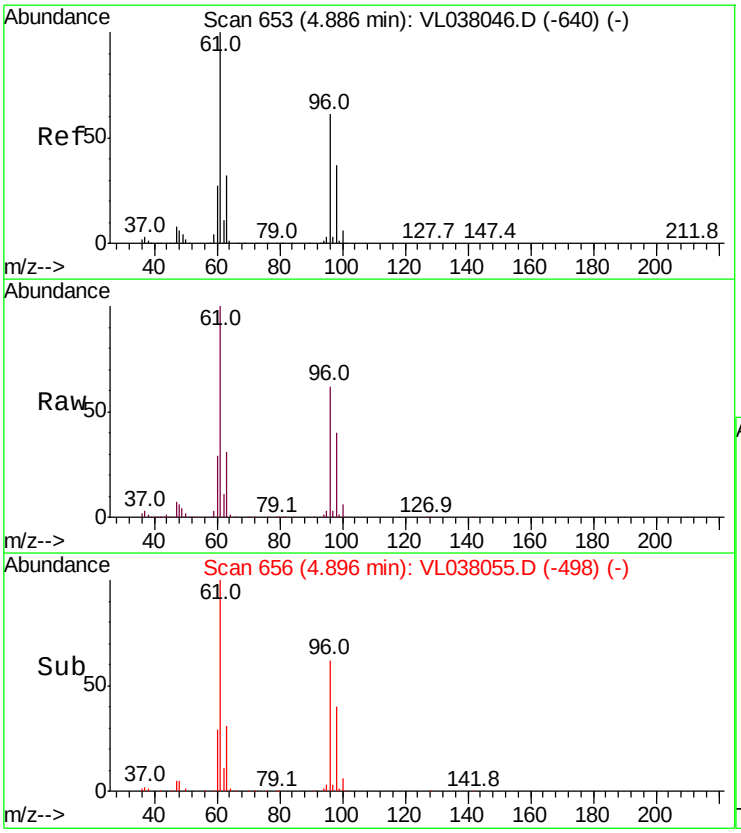
#21
Allvl Chloride
Concen: 8.880 ppbv
RT: 4.42
Delta R.T
Lab File:
Acq: 18 Nov 2021 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Tgt Ion: 41 Resp: 639658

Ion	Ratio	Lower	Upper
41	100		
76	30.0	24.6	36.8
39	78.6	63.4	95.0

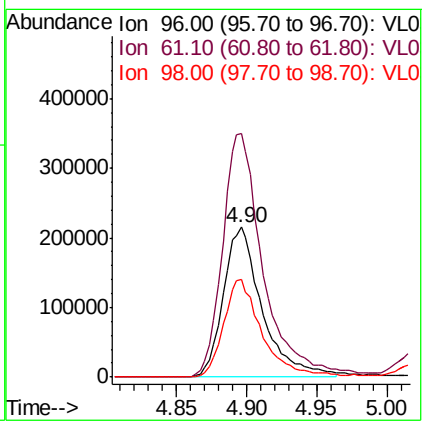


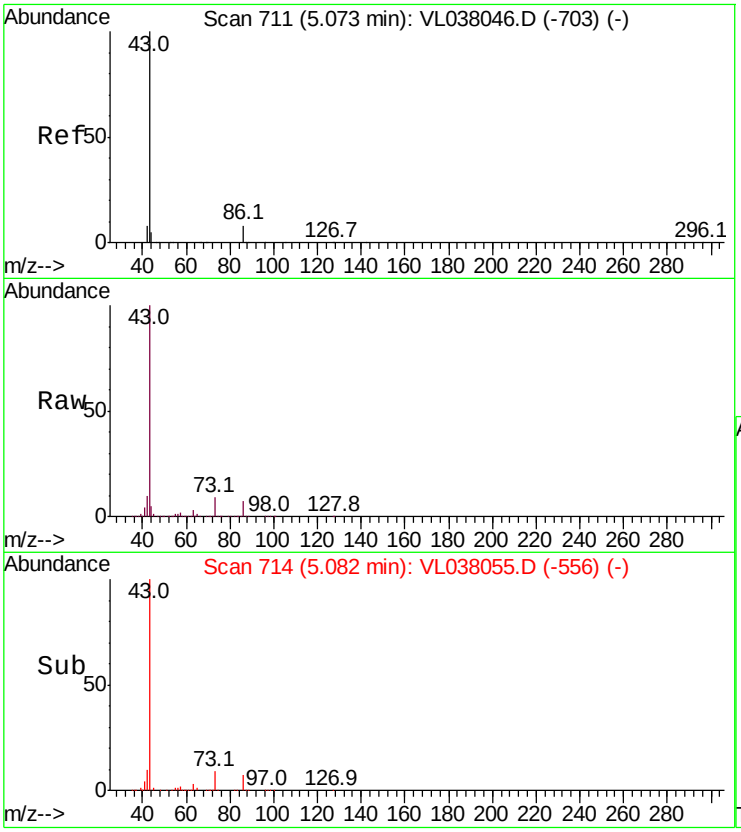


#22
trans-1,2-Dichloroethene
Concen: 8.922 ppbv
RT: 4.90 min Scan# 656
Delta R.T. 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion: 96 Resp: 413515

Ion	Ratio	Lower	Upper
96	100		
61	162.3	131.6	197.4
98	65.1	48.4	72.6



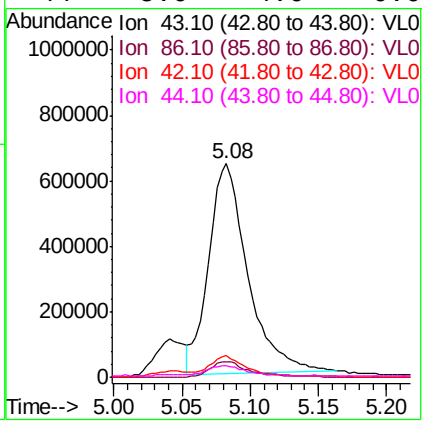


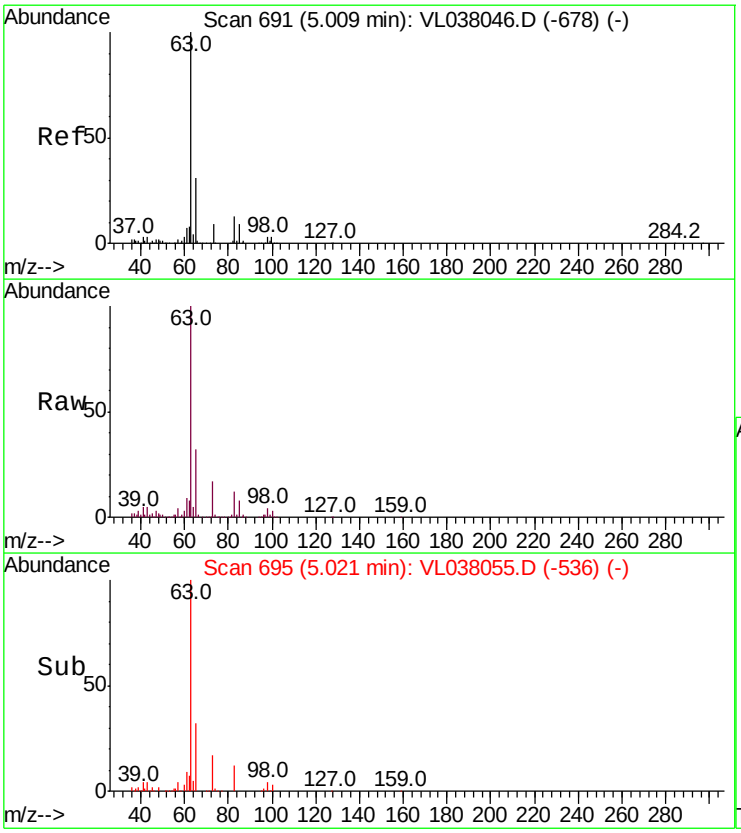
#23
Vinyl Acetate
Concen: 11.426 ppbv
RT: 5.08
Delta R.T
Lab File:
Acq: 18 Nov 2021 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Tgt Ion: 43 Resp: 1287176

Ion	Ratio	Lower	Upper
43	100		
86	7.4	5.3	7.9
42	10.2	7.0	10.6
44	5.0	4.0	6.0

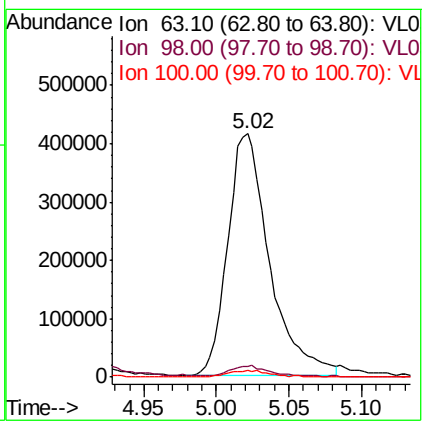


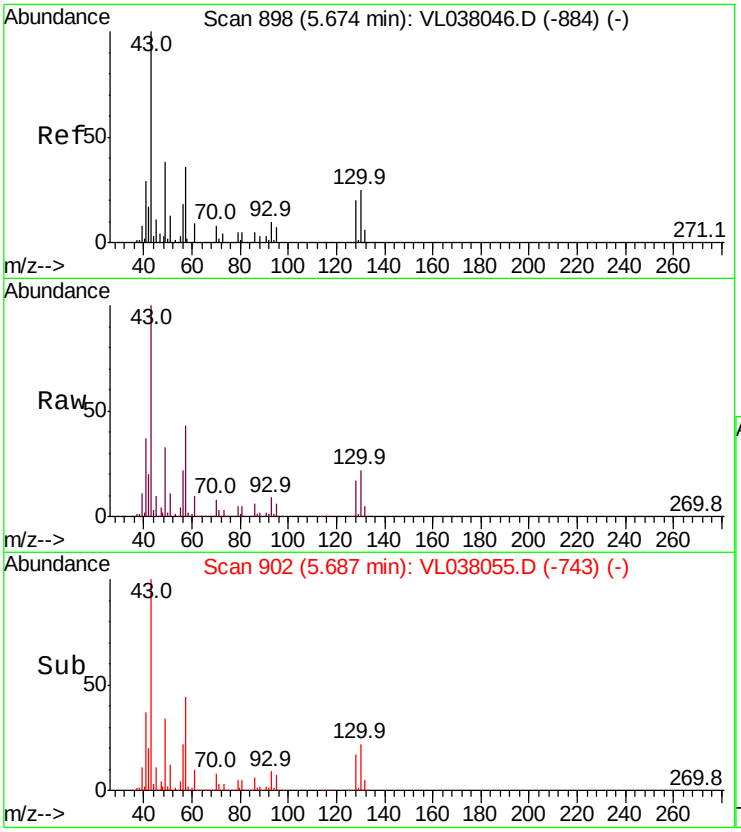


#24
1,1-Dichloroethane
Concen: 8.865 ppbv
RT: 5.02 min Scan# 695
Delta R.T. 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion: 63 Resp: 831612

Ion	Ratio	Lower	Upper
63	100		
98	3.9	1.8	5.4
100	2.7	1.4	4.0



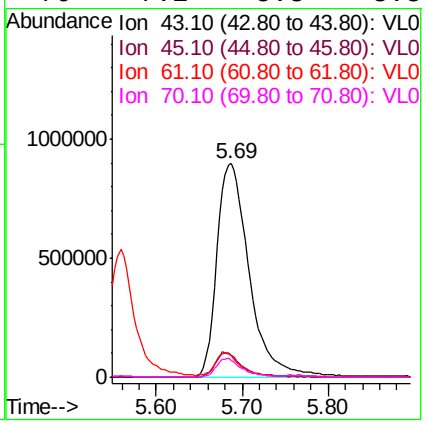


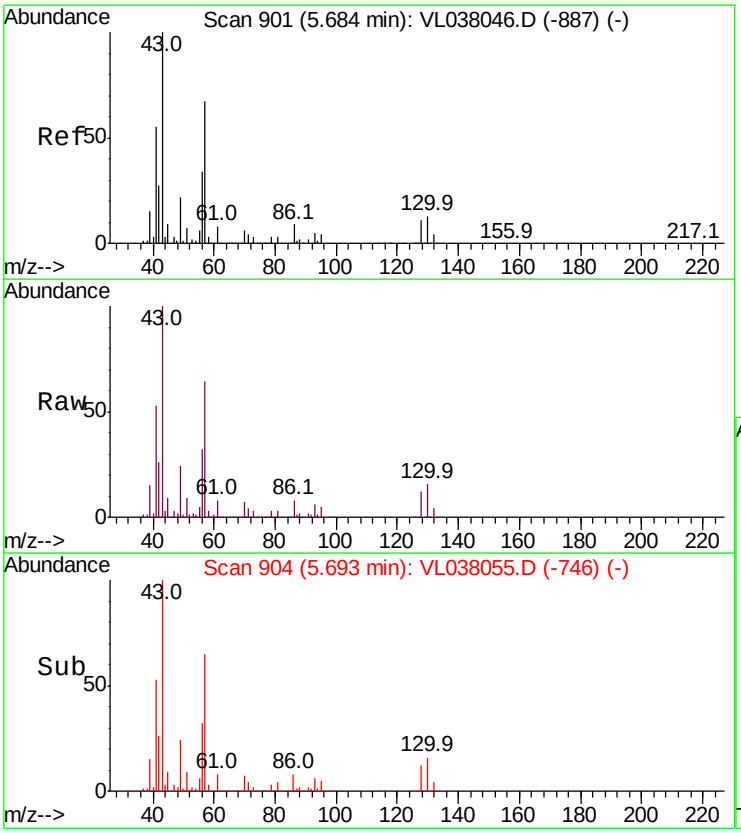
#25
Ethyl Acetate
Concen: 9.033 ppbv
RT: 5.69
Delta R.T
Lab File:
Acq: 18 Nov 2021 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Tgt Ion: 43 Resp: 2336267

Ion	Ratio	Lower	Upper
43	100		
45	9.9	7.9	11.9
61	9.7	7.8	11.6
70	7.2	5.8	8.8

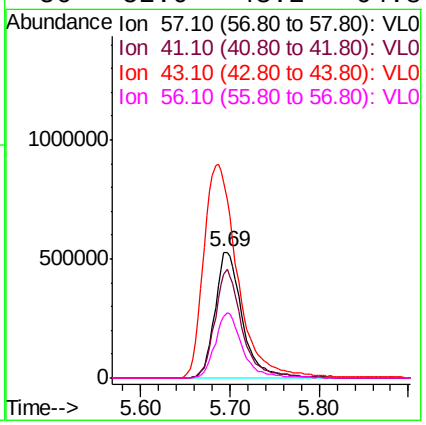


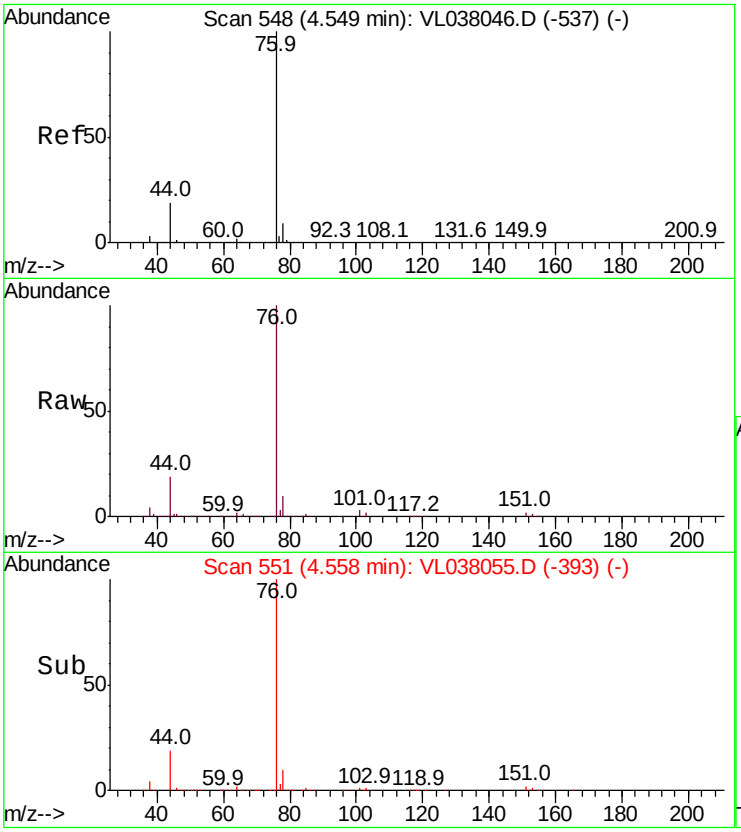


#26
Hexane
Concen: 8.978 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion: 57 Resp: 1119213

Ion	Ratio	Lower	Upper
57	100		
41	86.3	71.4	107.2
43	211.0	174.6	261.8
56	52.0	43.2	64.8



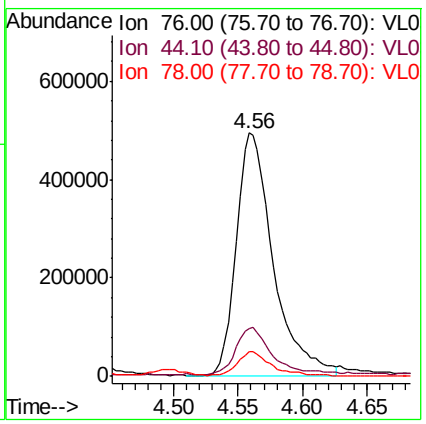


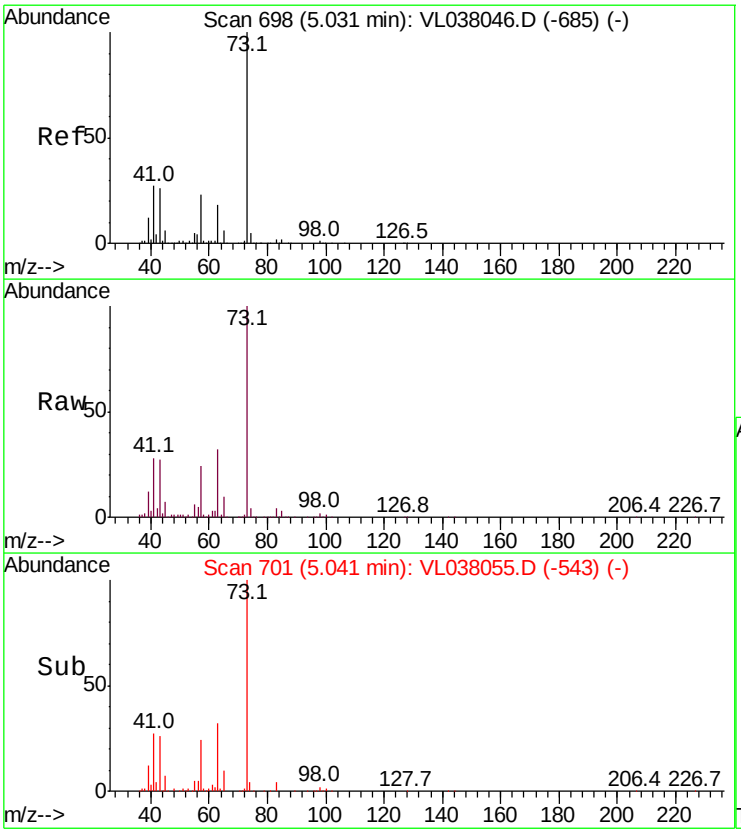
#27
Carbon Disulfide
Concen: 8.823 ppbv
RT: 4.56
Delta R.T
Lab File:
Acq: 18 Nov 2021 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Tgt Ion: 76 Resp: 985320

Ion	Ratio	Lower	Upper
76	100		
44	20.5	14.9	22.3
78	10.2	7.6	11.4

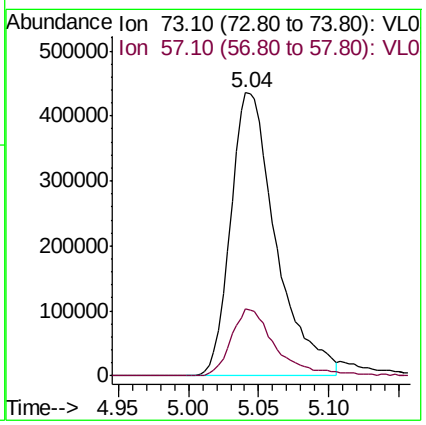


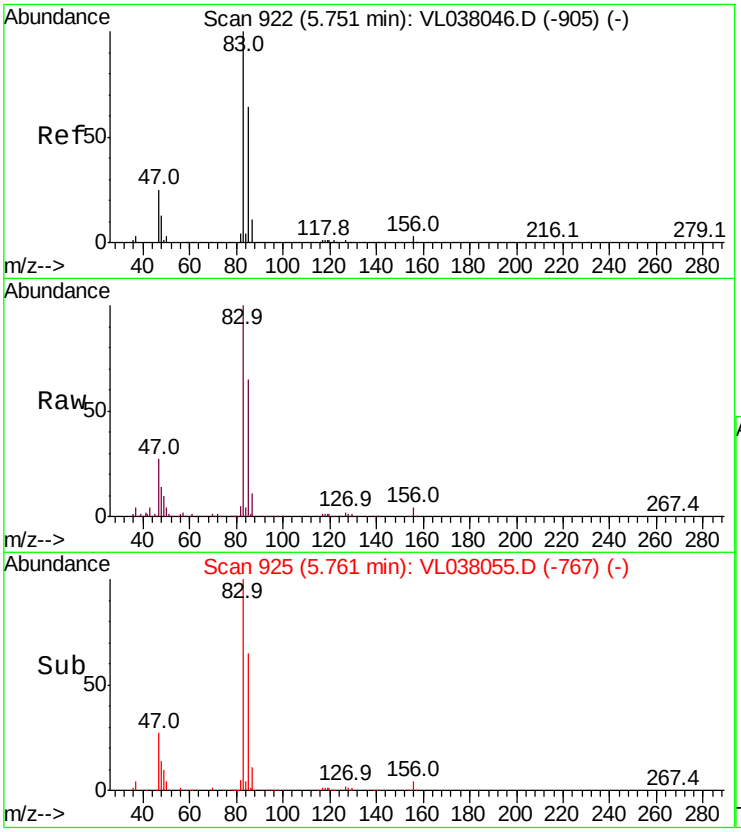


#28
Methyl tert-Butyl Ether
Concen: 9.270 ppbv
RT: 5.04 min Scan# 701
Delta R.T. 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion: 73 Resp: 981633

Ion	Ratio	Lower	Upper
73	100		
57	23.9	19.0	28.4



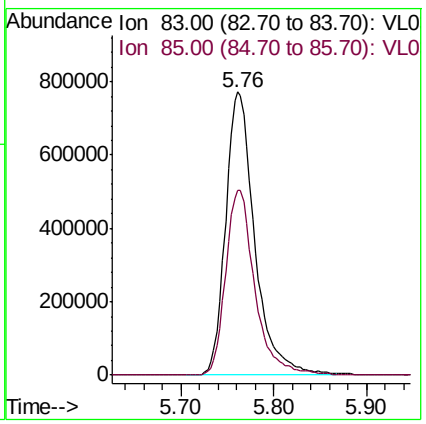


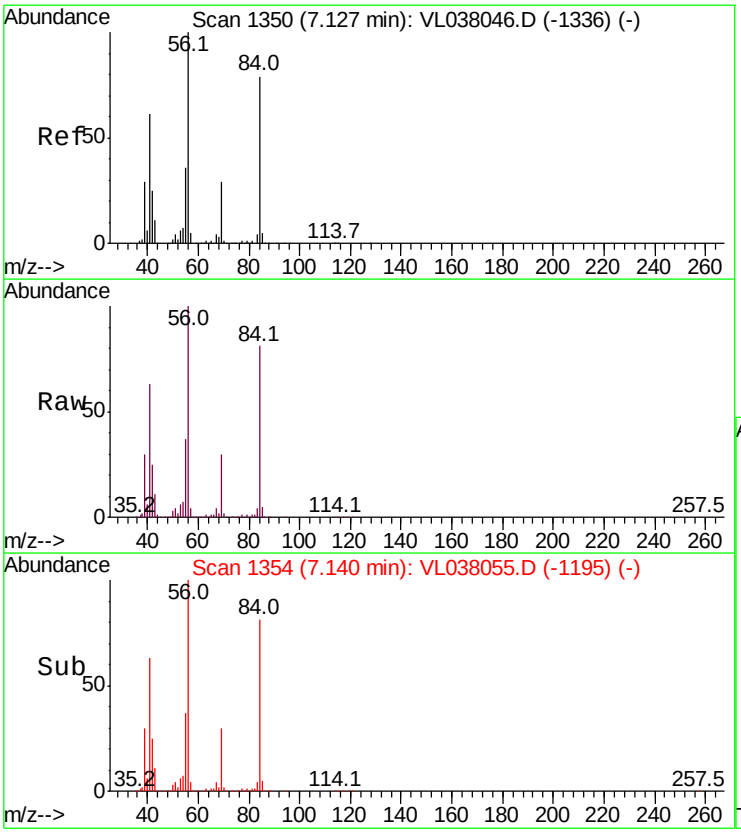
#29
Chloroform
Concen: 9.147 ppbv
RT: 5.76
Delta R.T
Lab File:
Acq: 18 Nov 2021 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Tgt Ion: 83 Resp: 1680557

Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.0	76.6

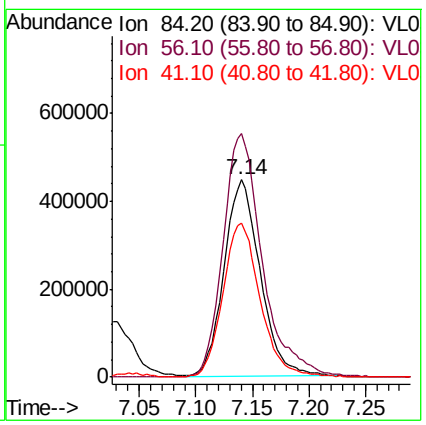


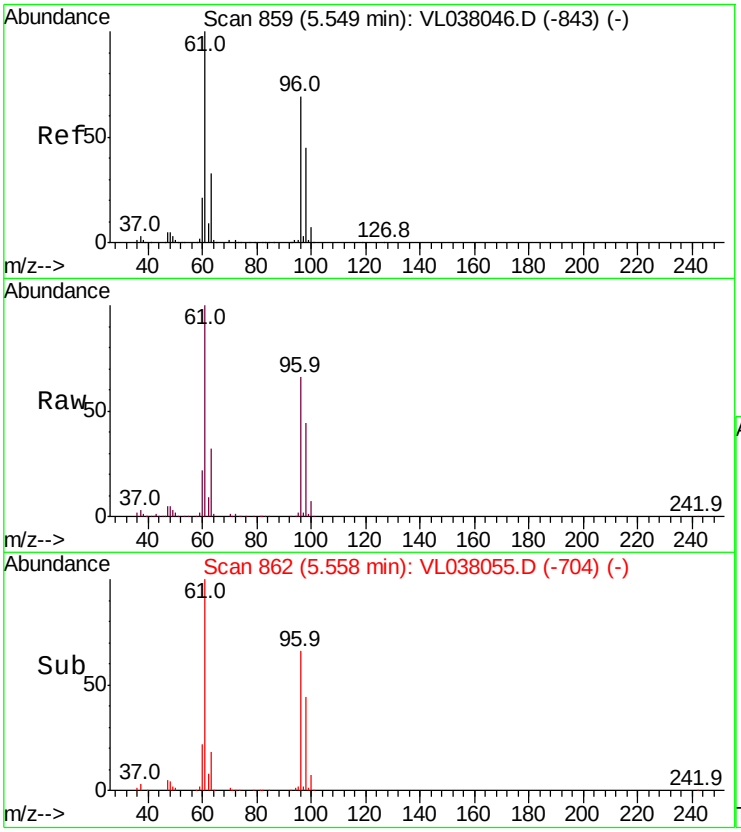


#30
Cyclohexane
Concen: 8.785 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion: 84 Resp: 994249

Ion	Ratio	Lower	Upper
84	100		
56	135.6	108.1	162.1
41	81.1	64.4	96.6



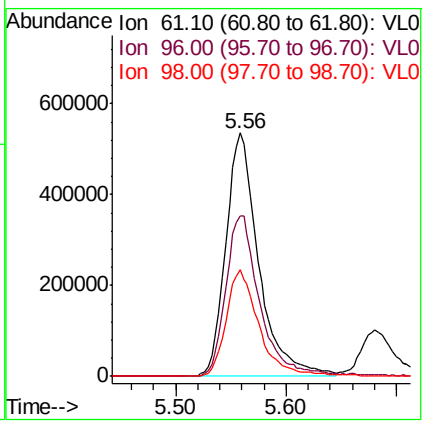


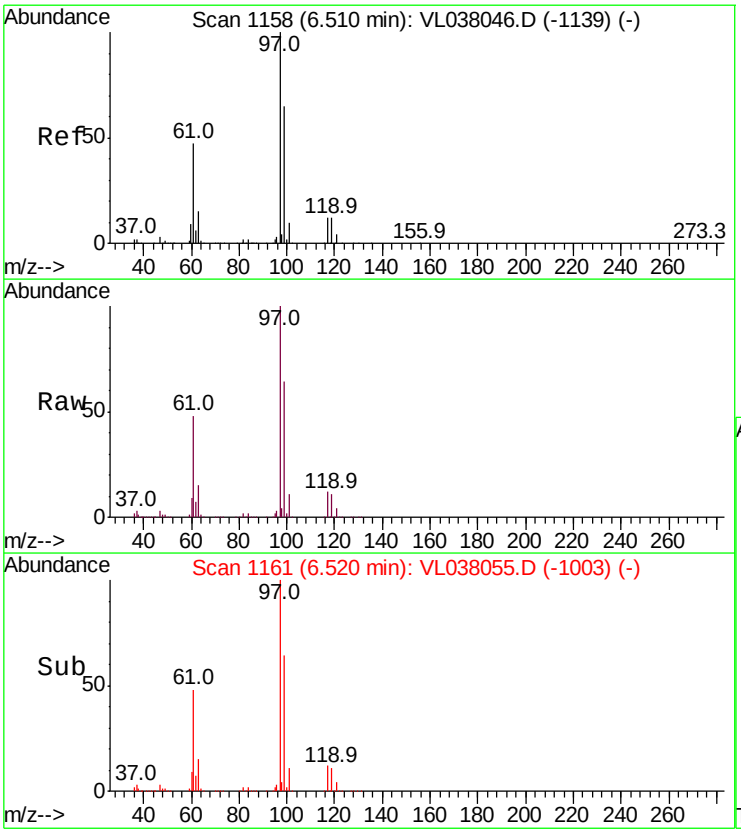
#31
cis-1,2-Dichloroethene
Concen: 9.317 ppbv
RT: 5.56
Delta R.T
Lab File:
Acq: 18 Nov 2021 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Tgt Ion: 61 Resp: 1104873

Ion	Ratio	Lower	Upper
61	100		
96	65.7	55.4	83.2
98	43.7	35.7	53.5

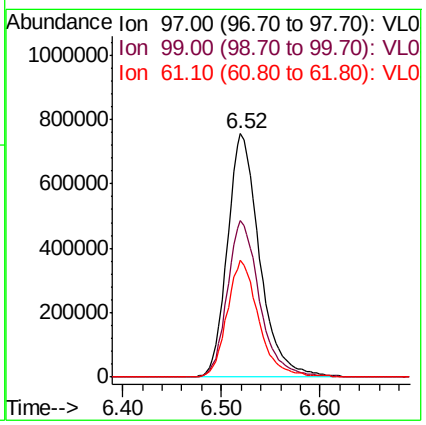


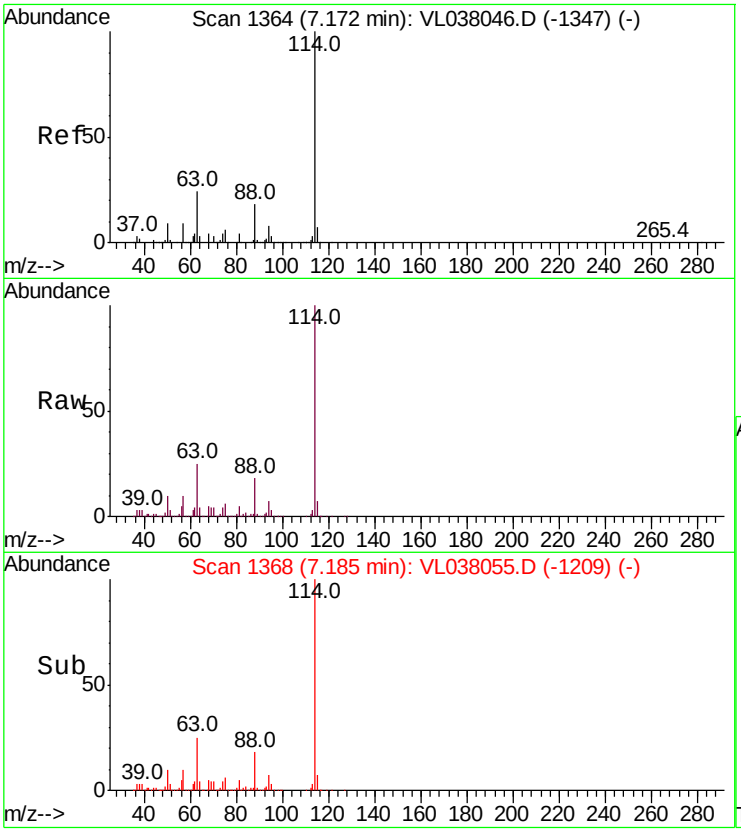


#32
1,1,1-Trichloroethane
Concen: 9.217 ppbv
RT: 6.52 min Scan# 1161
Delta R.T. 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion: 97 Resp: 1718726

Ion	Ratio	Lower	Upper
97	100		
99	64.7	52.2	78.4
61	47.4	37.7	56.5



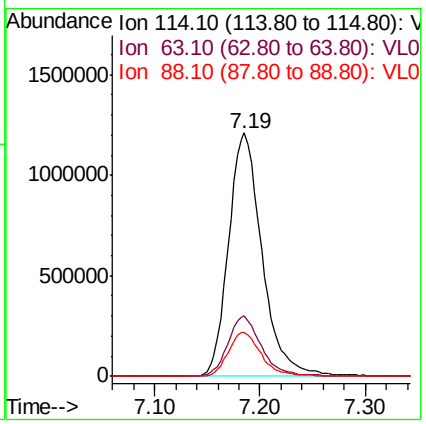


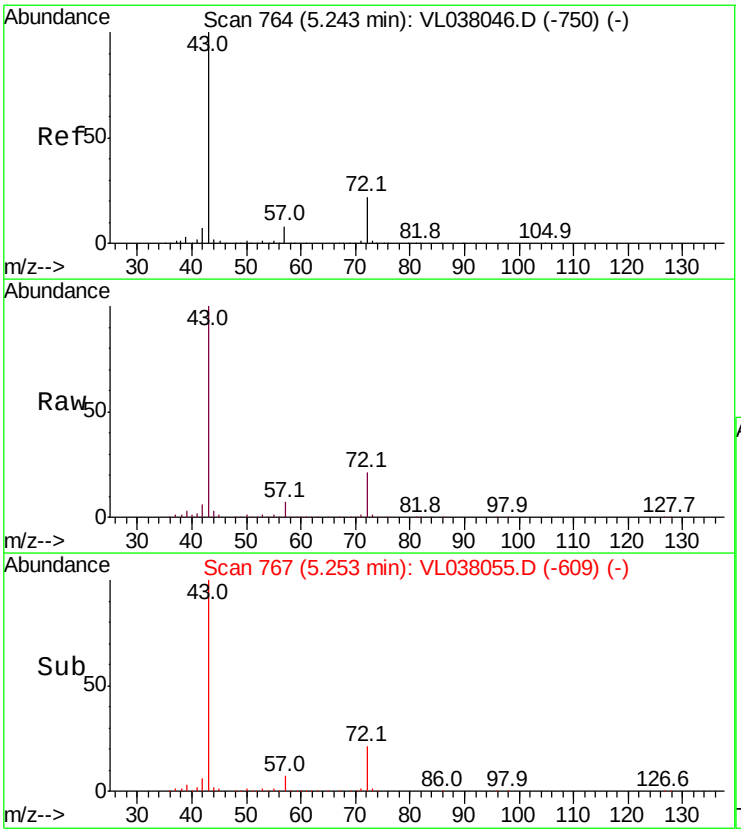
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19
Delta R.T
Lab File:
Acq: 18 Nov 2021 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Tgt Ion:114 Resp: 2658842

Ion	Ratio	Lower	Upper
114	100		
63	25.1	19.7	29.5
88	18.1	14.4	21.6

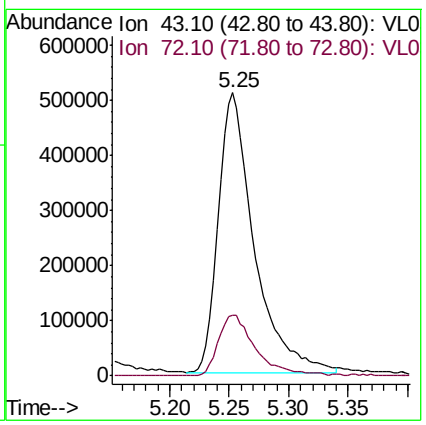


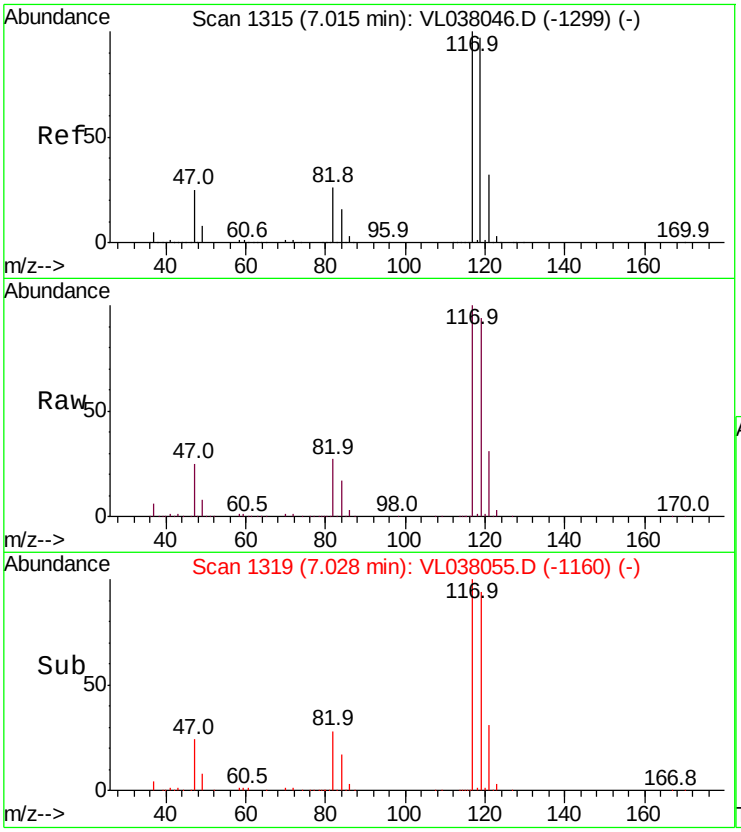


#34
2-Butanone
Concen: 9.869 ppbv
RT: 5.25 min Scan# 767
Delta R.T. 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion: 43 Resp: 1058077

Ion	Ratio	Lower	Upper
43	100		
72	23.6	18.8	28.2



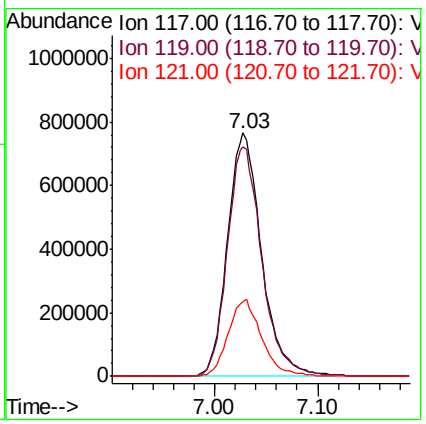


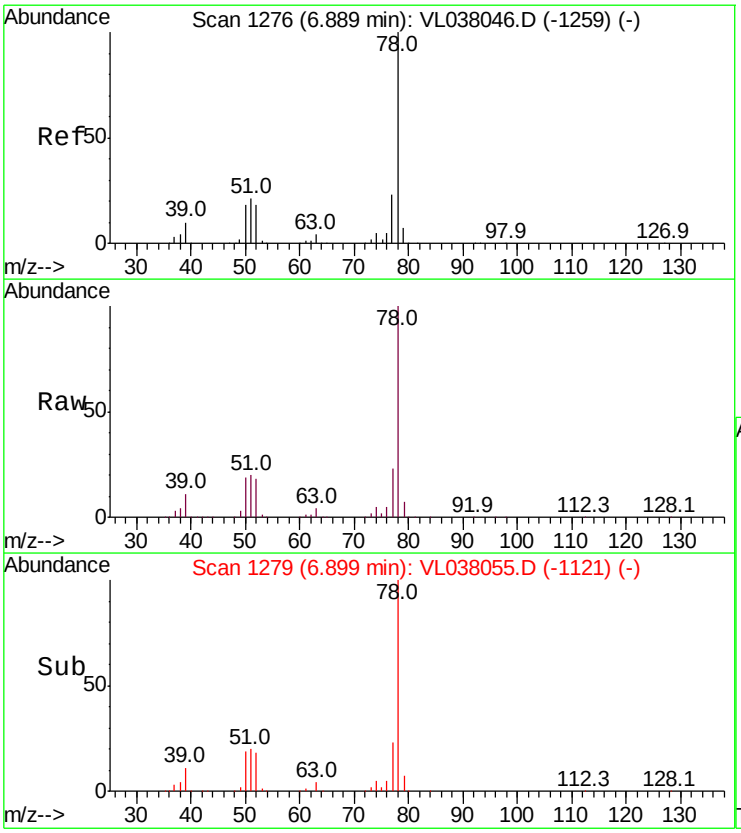
#35
Carbon Tetrachloride
Concen: 9.422 ppbv
RT: 7.03
Delta R.T
Lab File:
Acq: 18 Nov 2021 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Tgt Ion:117 Resp: 1760096

Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.7	116.5
121	30.9	25.6	38.4

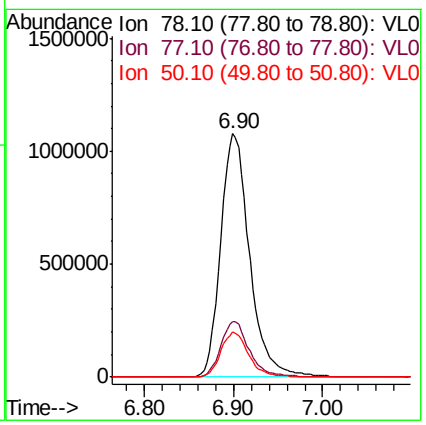


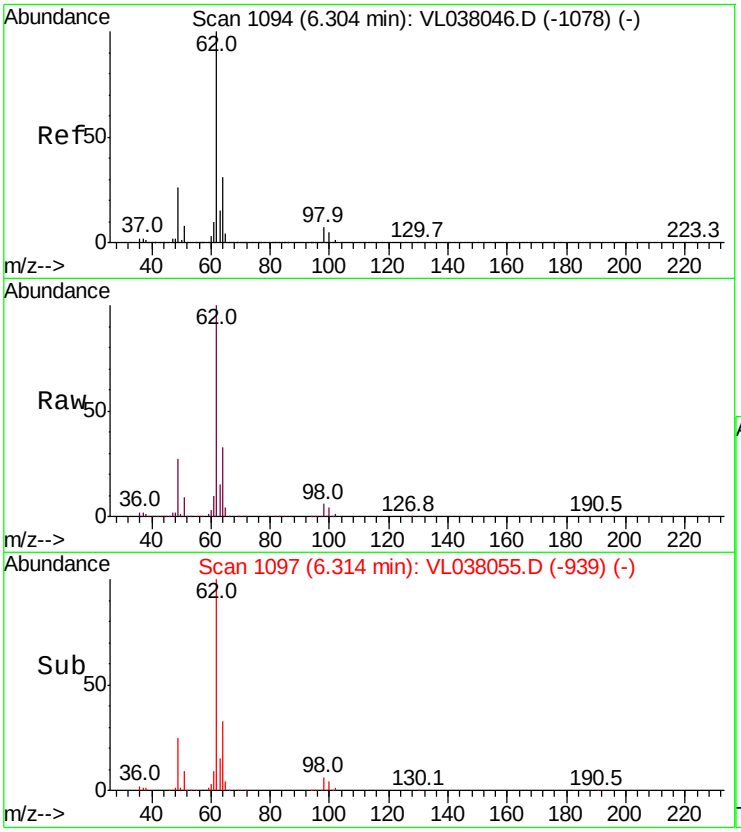


#36
Benzene
Concen: 9.122 ppbv
RT: 6.90 min Scan# 1279
Delta R.T. 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion: 78 Resp: 2419361

Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.2	27.4
50	18.6	14.7	22.1



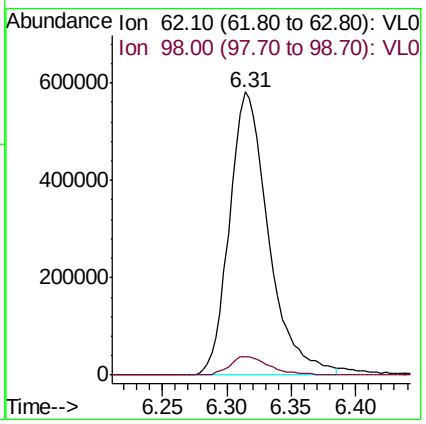


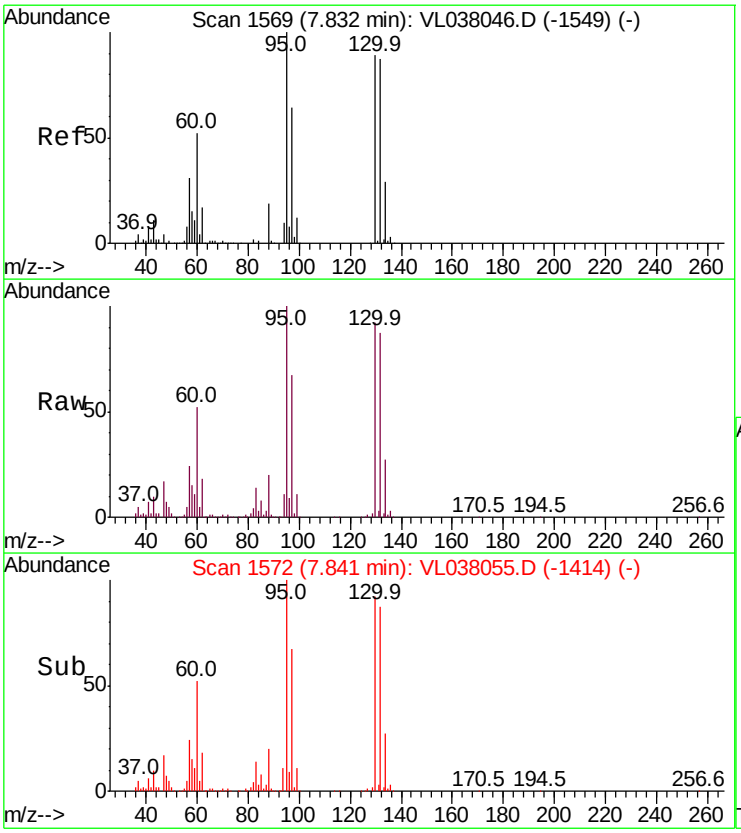
#37
1,2-Dichloroethane
Concen: 9.587 ppbv
RT: 6.31
Delta R.T
Lab File:
Acq: 18 Nov 2021 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Tgt Ion: 62 Resp: 1228100

Ion	Ratio	Lower	Upper
62	100		
98	7.0	5.8	8.6

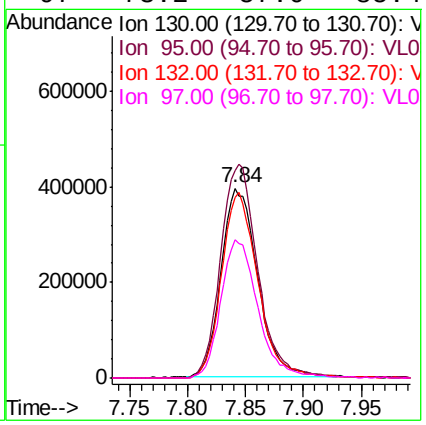


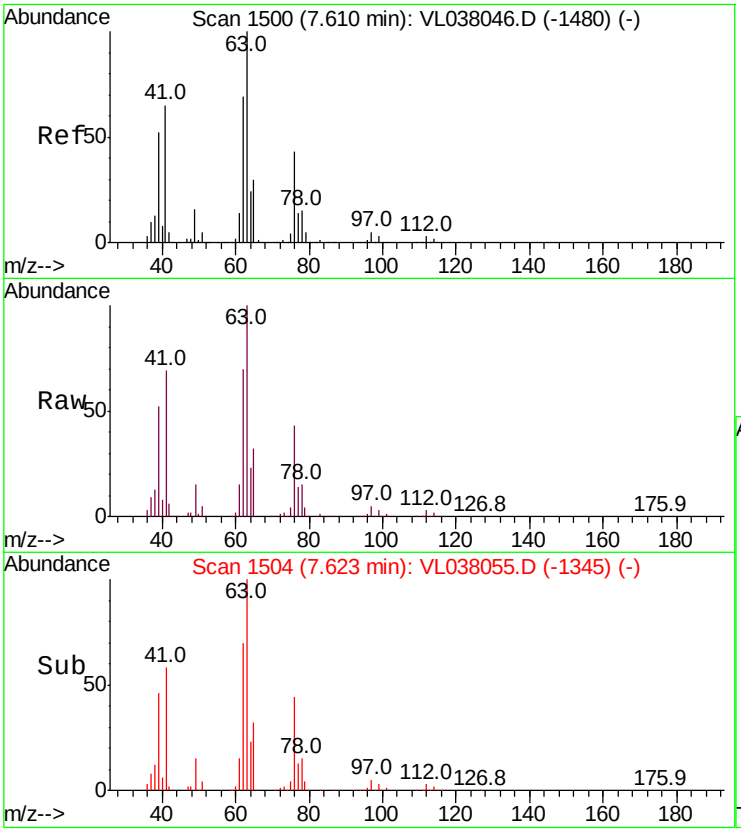


#38
Trichloroethene
Concen: 8.632 ppbv
RT: 7.84 min Scan# 1572
Delta R.T. 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion:130 Resp: 863576

Ion	Ratio	Lower	Upper
130	100		
95	109.5	89.4	134.2
132	95.1	78.2	117.2
97	73.2	57.0	85.4



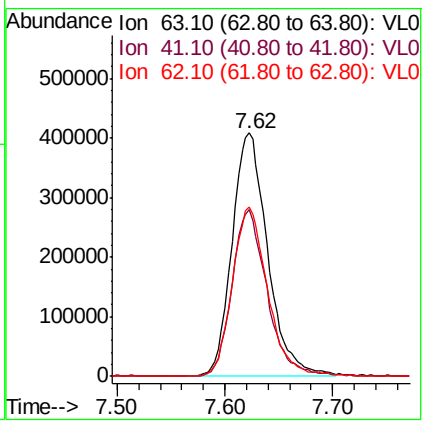


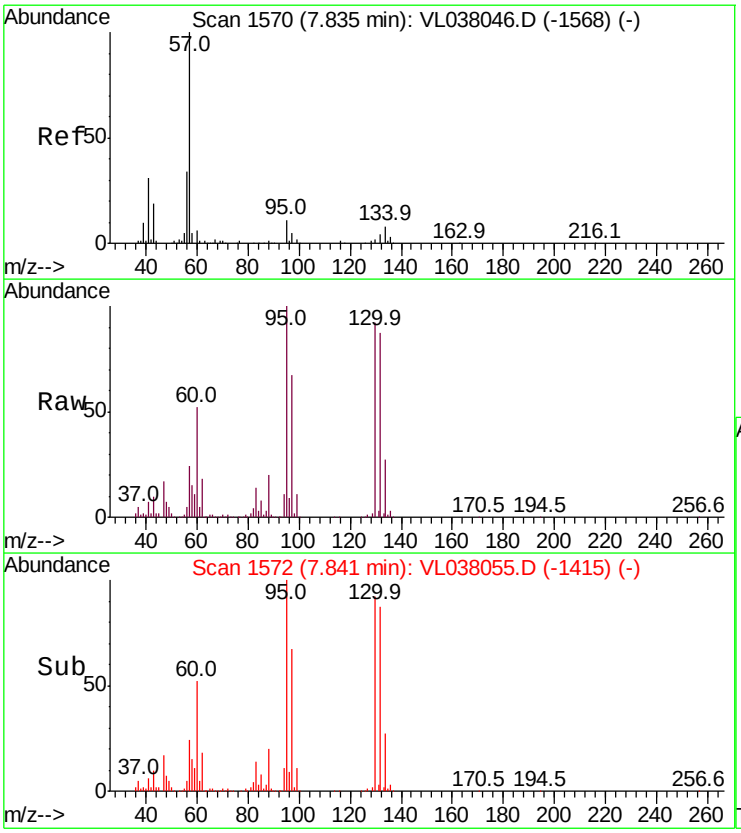
#39
1,2-Dichloropropane
Concen: 9.208 ppbv
RT: 7.62
Delta R.T
Lab File:
Acq: 18 Nov 2021 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Tgt Ion: 63 Resp: 936868

Ion	Ratio	Lower	Upper
63	100		
41	68.5	52.3	78.5
62	69.8	55.1	82.7

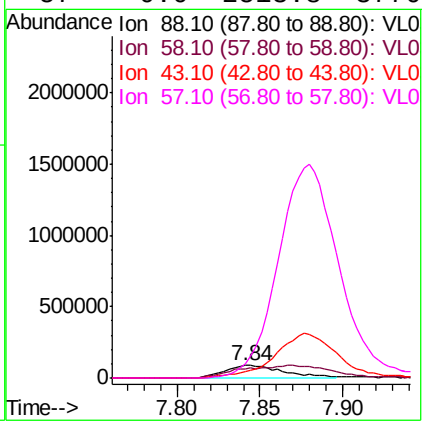


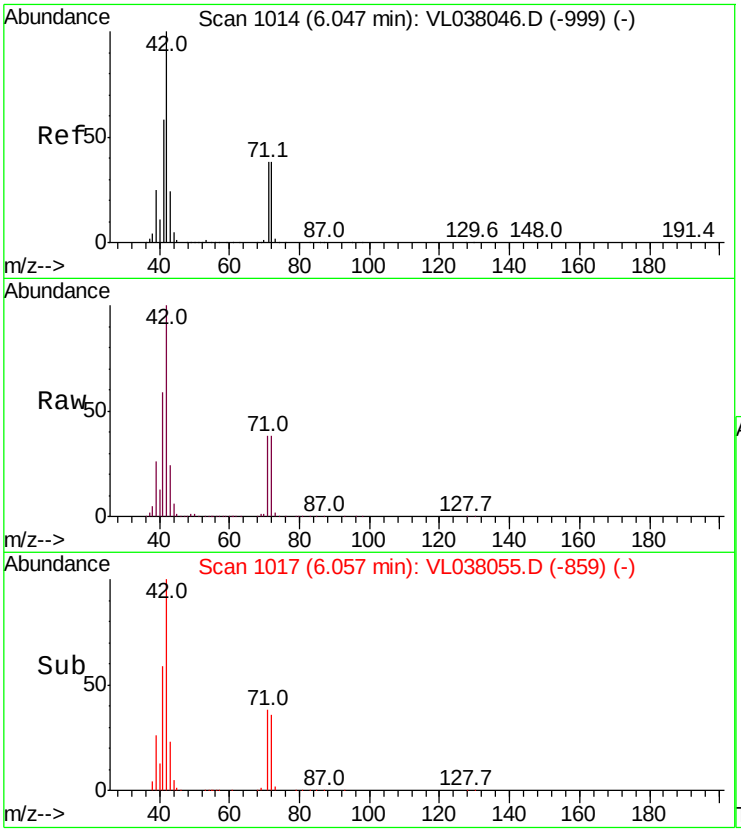


#40
1,4-Dioxane
Concen: 8.132 ppbv
RT: 7.84 min Scan# 1572
Delta R.T. 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion: 88 Resp: 215561

Ion	Ratio	Lower	Upper
88	100		
58	0.0	229.2	343.8#
43	0.0	553.3	829.9#
57	0.0	2513.8	3770.8#



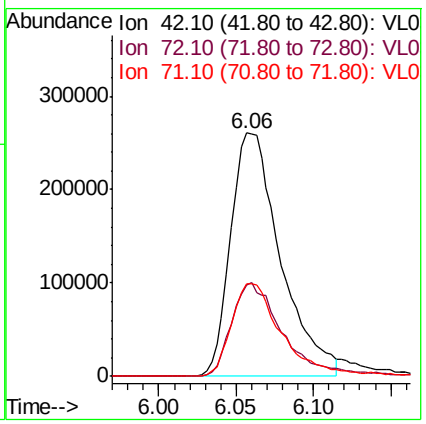


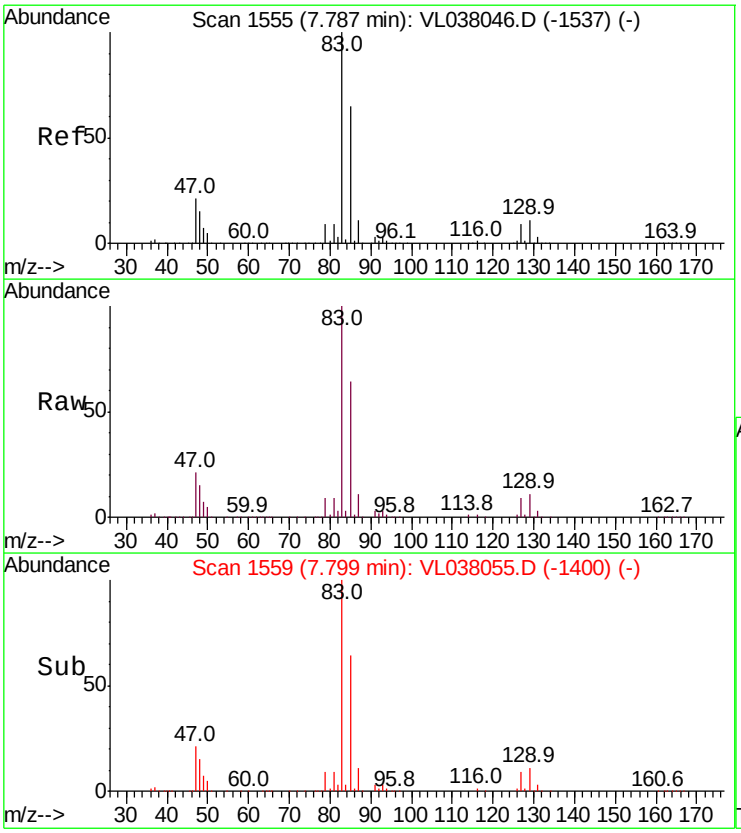
#41
Tetrahydrofuran
Concen: 8.770 ppbv
RT: 6.06
Delta R.T
Lab File:
Acq: 18 Nov 2021 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Tgt Ion: 42 Resp: 583687

Ion	Ratio	Lower	Upper
42	100		
72	40.3	31.7	47.5
71	39.4	30.6	46.0

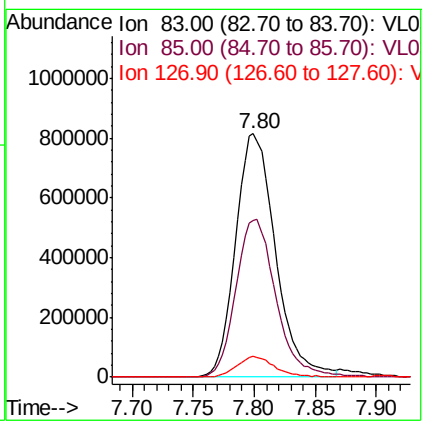


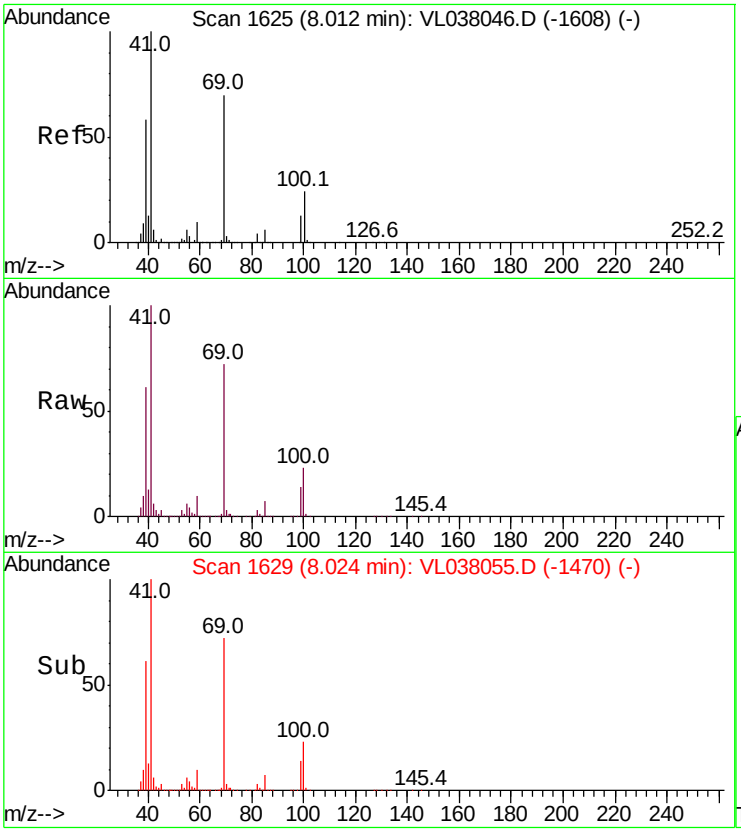


#42
Bromodichloromethane
Concen: 9.480 ppbv
RT: 7.80 min Scan# 1559
Delta R.T. 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion: 83 Resp: 1846183

Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.9	77.9
127	8.6	6.8	10.2



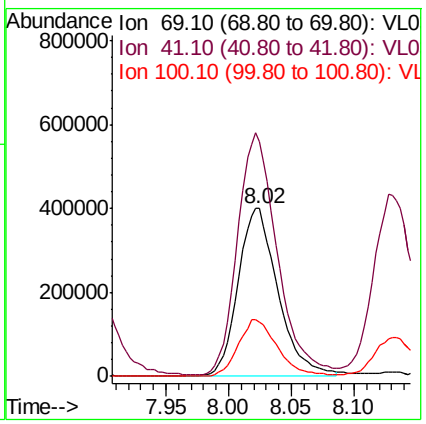


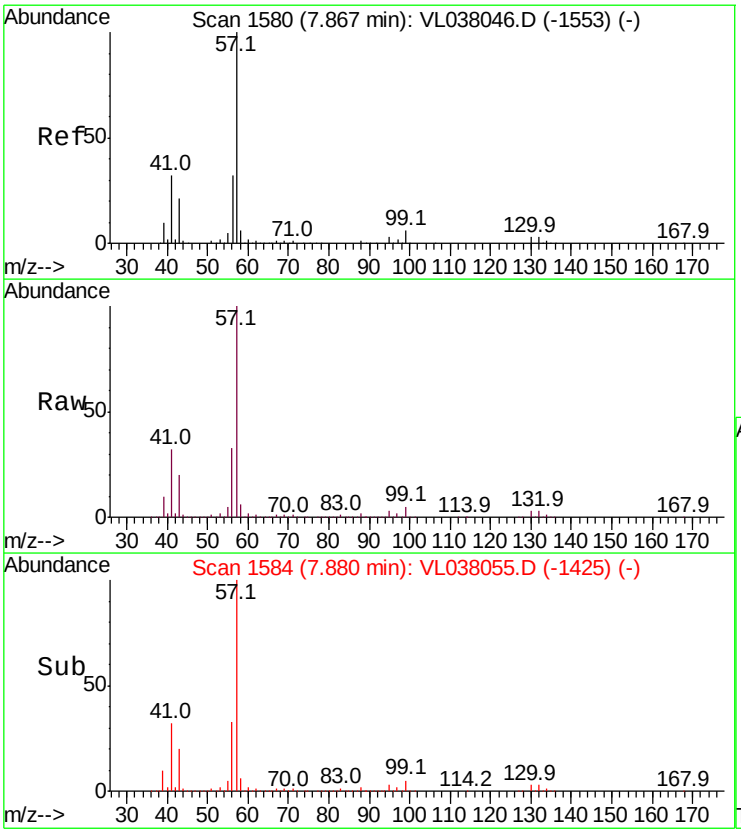
#43
Methyl Methacrylate
Concen: 9.763 ppbv
RT: 8.02
Delta R.T
Lab File:
Acq: 18 Nov 2021 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Tgt Ion: 69 Resp: 885868

Ion	Ratio	Lower	Upper
69	100		
41	145.1	116.7	175.1
100	33.2	27.3	40.9

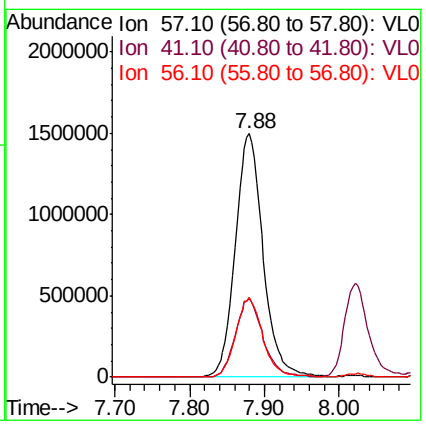


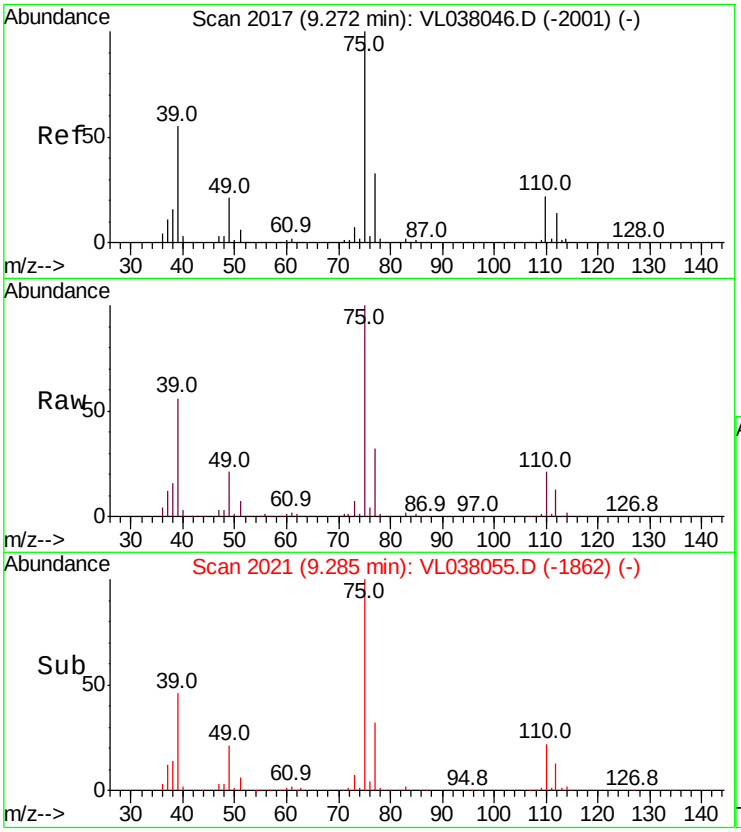


#44
2,2,4-Trimethylpentane
Concen: 8.724 ppbv
RT: 7.88 min Scan# 1584
Delta R.T. 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion: 57 Resp: 3871309

Ion	Ratio	Lower	Upper
57	100		
41	32.1	25.8	38.6
56	31.7	25.6	38.4



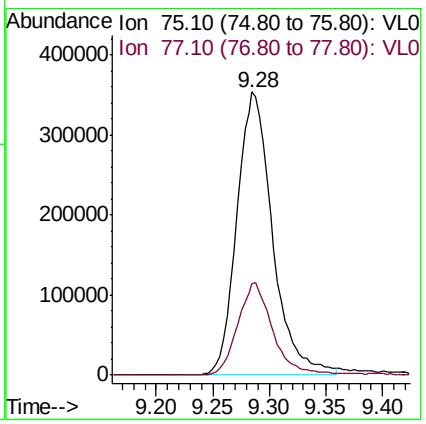


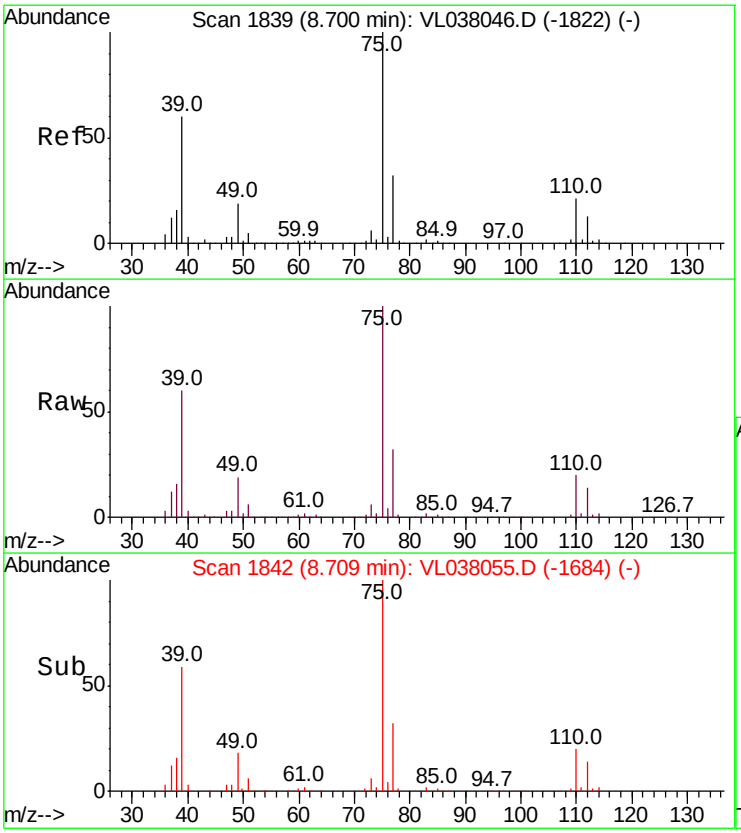
#45
t-1,3-Dichloropropene
Concen: 10.651 ppbv
RT: 9.28
Delta R.T
Lab File:
Acq: 18 Nov 2021 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Tgt Ion: 75 Resp: 775235

Ion	Ratio	Lower	Upper
75	100		
77	32.4	26.2	39.4

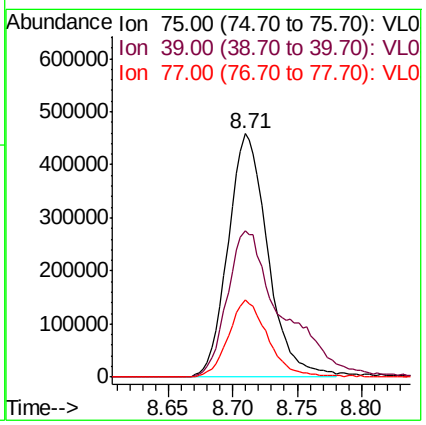


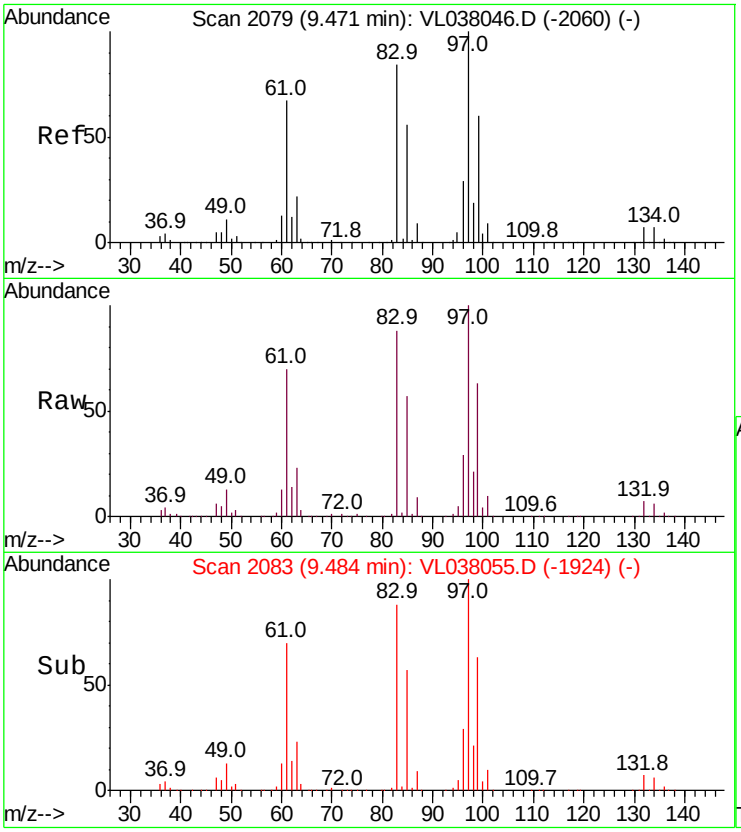


#46
cis-1,3-Dichloropropene
Concen: 9.939 ppbv
RT: 8.71 min Scan# 1842
Delta R.T. 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion: 75 Resp: 978476

Ion	Ratio	Lower	Upper
75	100		
39	59.9	47.8	71.8
77	31.9	25.5	38.3



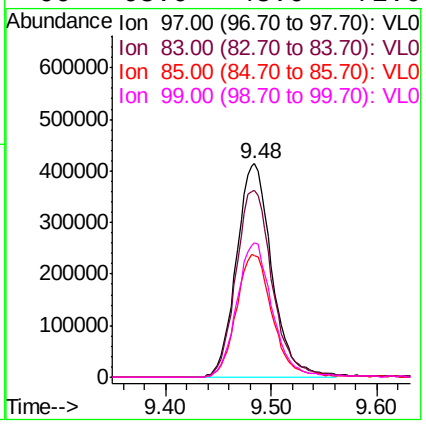


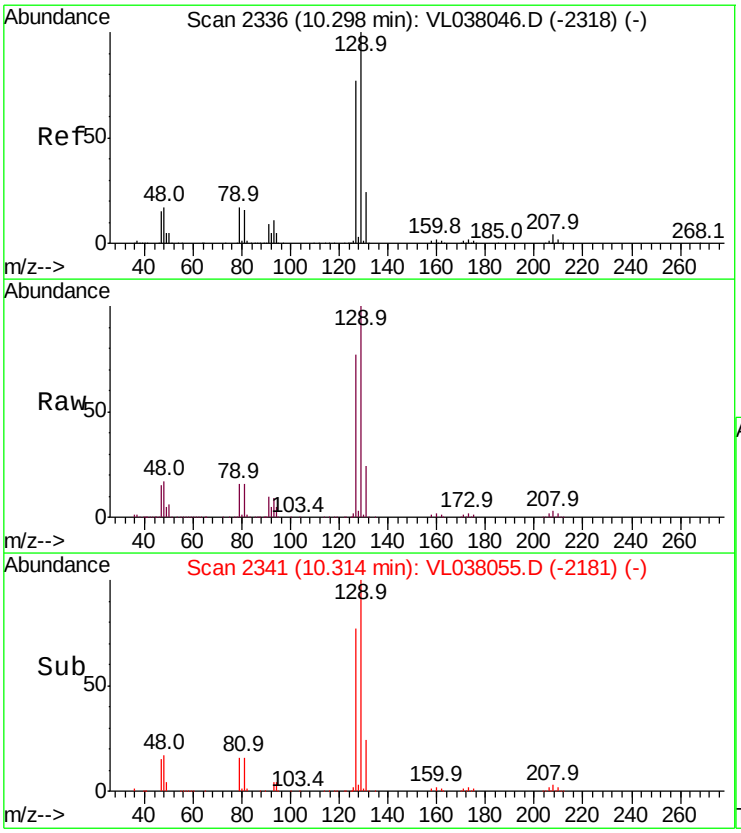
#47
1,1,2-Trichloroethane
Concen: 9.075 ppbv
RT: 9.48
Delta R.T
Lab File:
Acq: 18 Nov 2021 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Tgt Ion: 97 Resp: 967017

Ion	Ratio	Lower	Upper
97	100		
83	87.7	66.8	100.2
85	56.9	44.9	67.3
99	63.0	48.0	72.0

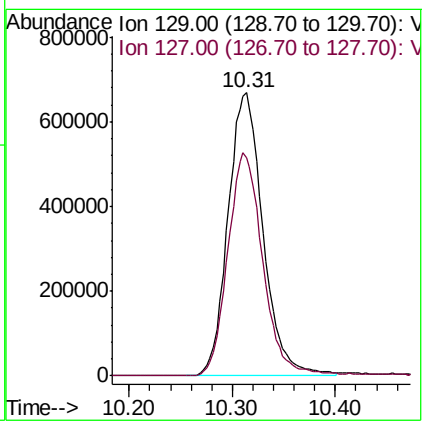


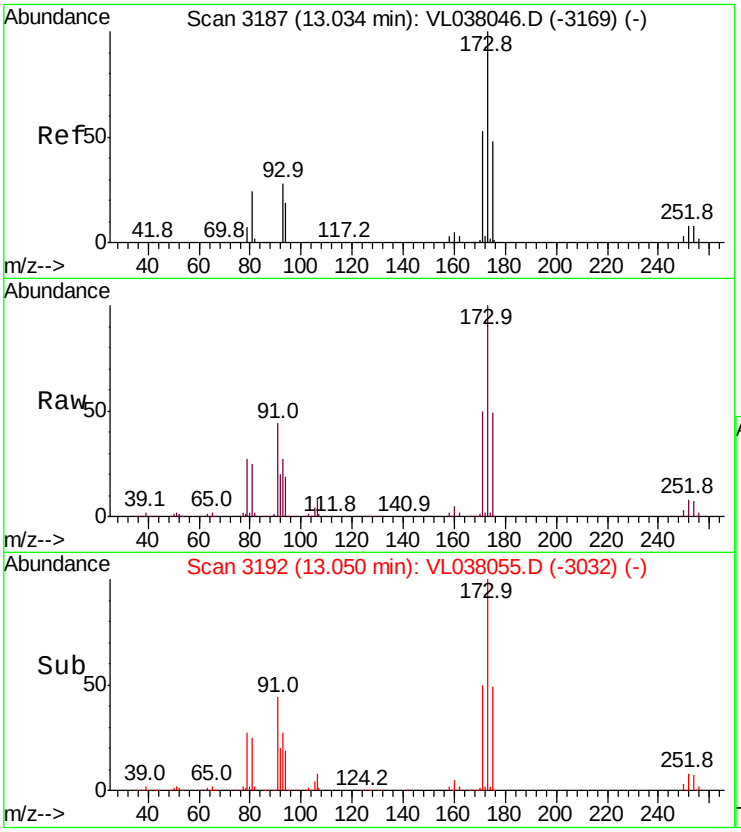


#48
Dibromochloromethane
Concen: 9.755 ppbv
RT: 10.31 min Scan# 2341
Delta R.T. 0.02 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion:129 Resp: 1582886

Ion	Ratio	Lower	Upper
129	100		
127	79.8	39.4	118.1



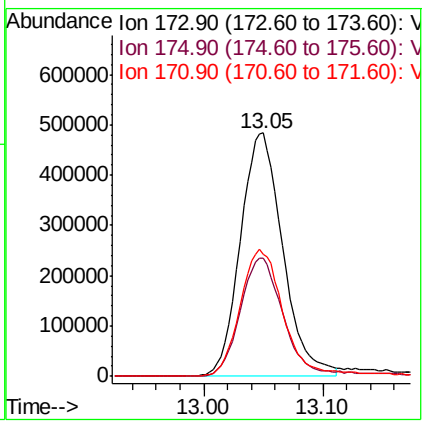


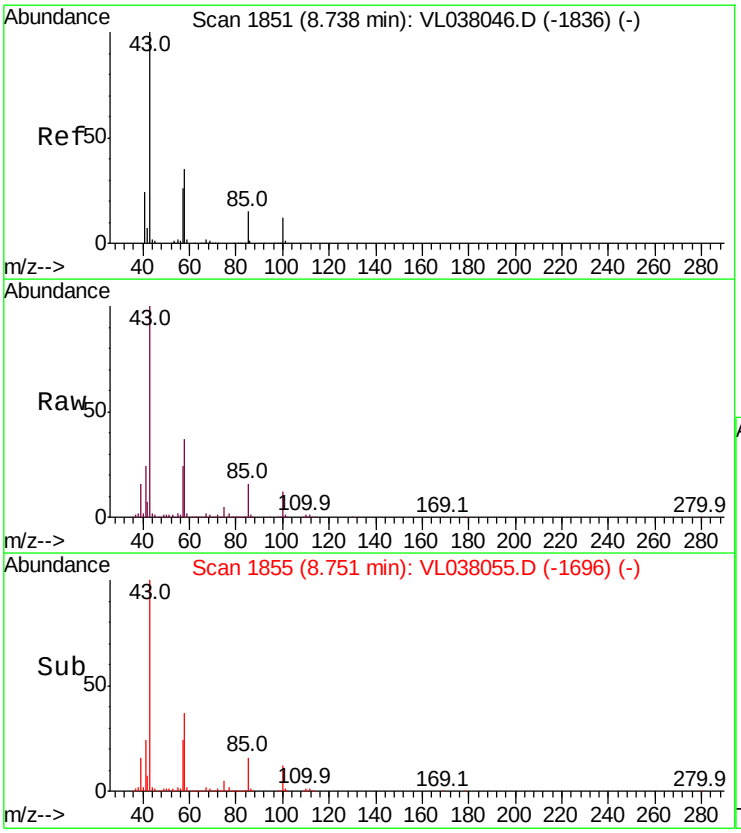
#49
Bromoform
Concen: 10.297 ppbv
RT: 13.05
Delta R.T
Lab File:
Acq: 18 Nov 2021 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Tgt Ion:173 Resp: 1195342

Ion	Ratio	Lower	Upper
173	100		
175	51.9	42.5	63.7
171	54.2	44.0	66.0

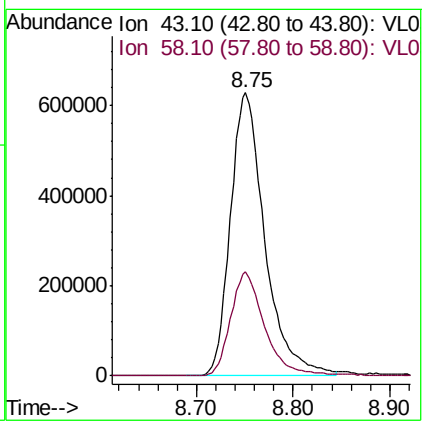


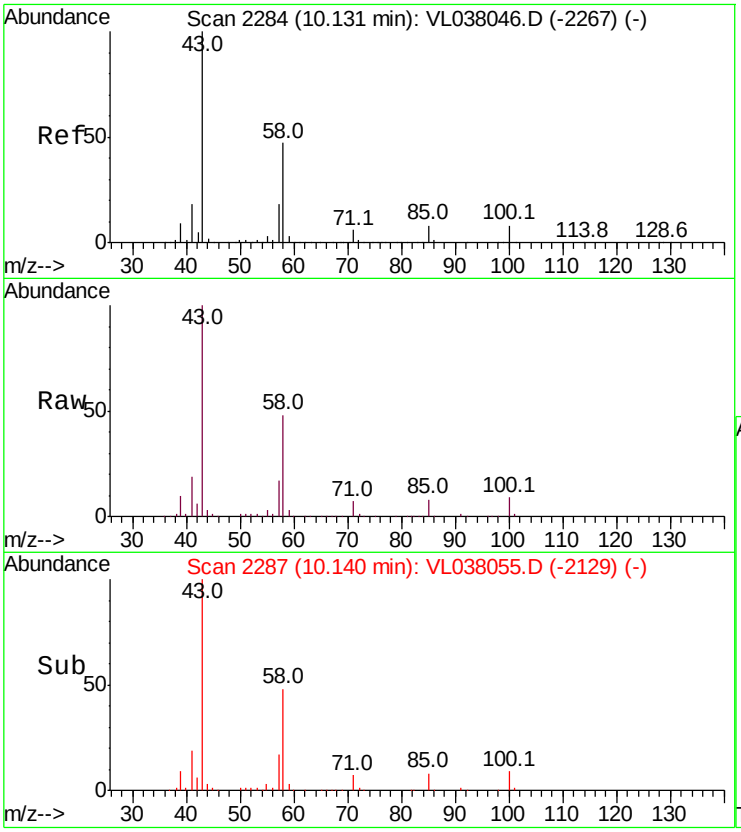


#50
4-Methyl-2-Pentanone
Concen: 9.545 ppbv
RT: 8.75 min Scan# 1855
Delta R.T. 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion: 43 Resp: 1554074

Ion	Ratio	Lower	Upper
43	100		
58	36.6	29.4	44.2



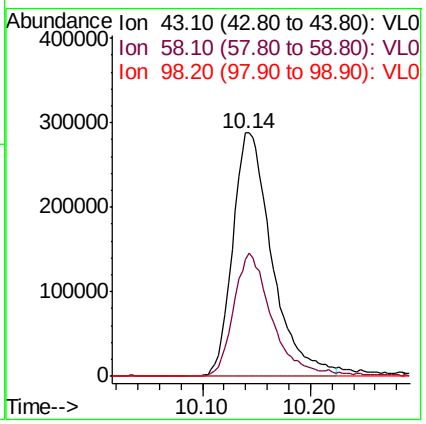


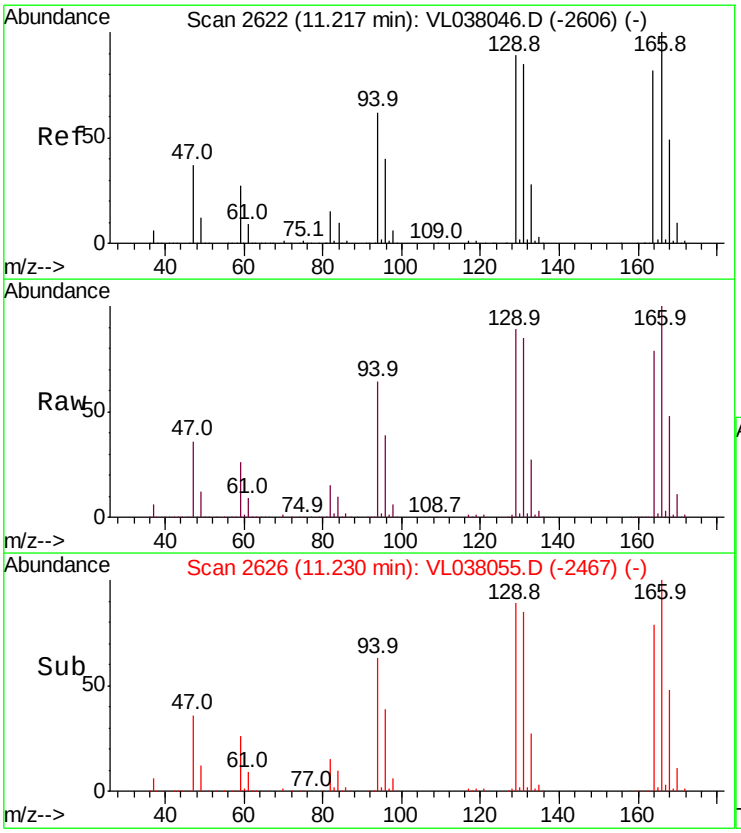
#51
2-Hexanone
Concen: 9.523 ppbv
RT: 10.14
Delta R.T
Lab File:
Acq: 18 Nov 2021 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Tgt Ion: 43 Resp: 729493

Ion	Ratio	Lower	Upper
43	100		
58	50.2	41.1	61.7
98	0.1	0.1	0.1#

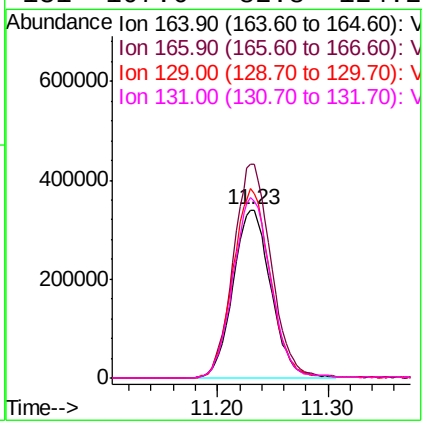


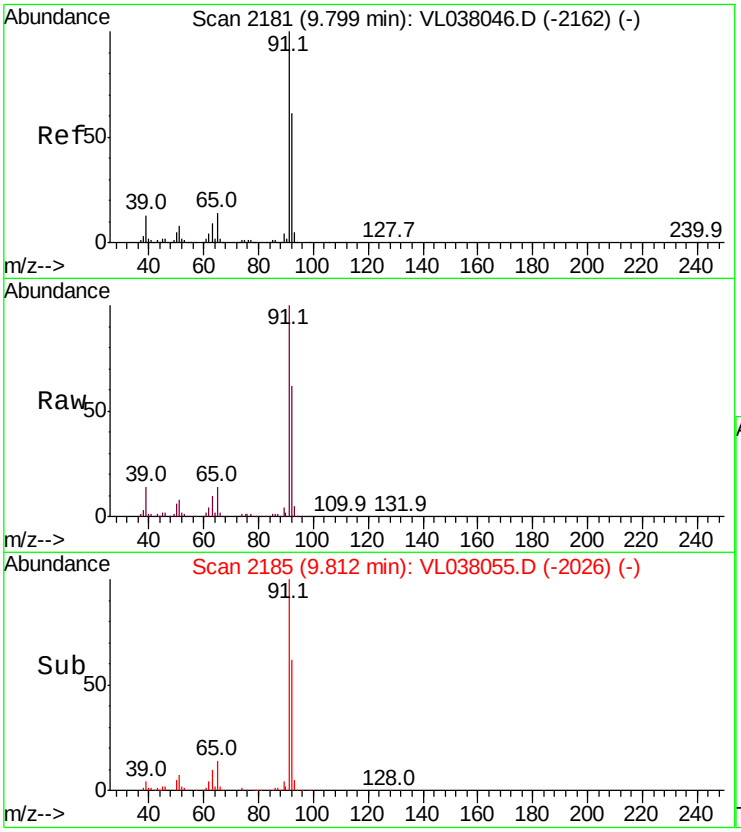


#52
Tetrachloroethene
Concen: 8.215 ppbv
RT: 11.23 min Scan# 2626
Delta R.T. 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion:164 Resp: 806214

Ion	Ratio	Lower	Upper
164	100		
166	127.0	97.2	145.8
129	112.8	86.9	130.3
131	107.6	82.8	124.2



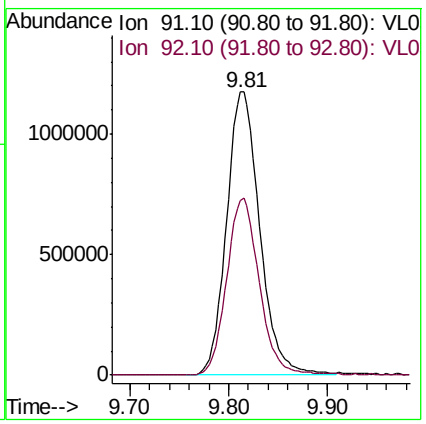


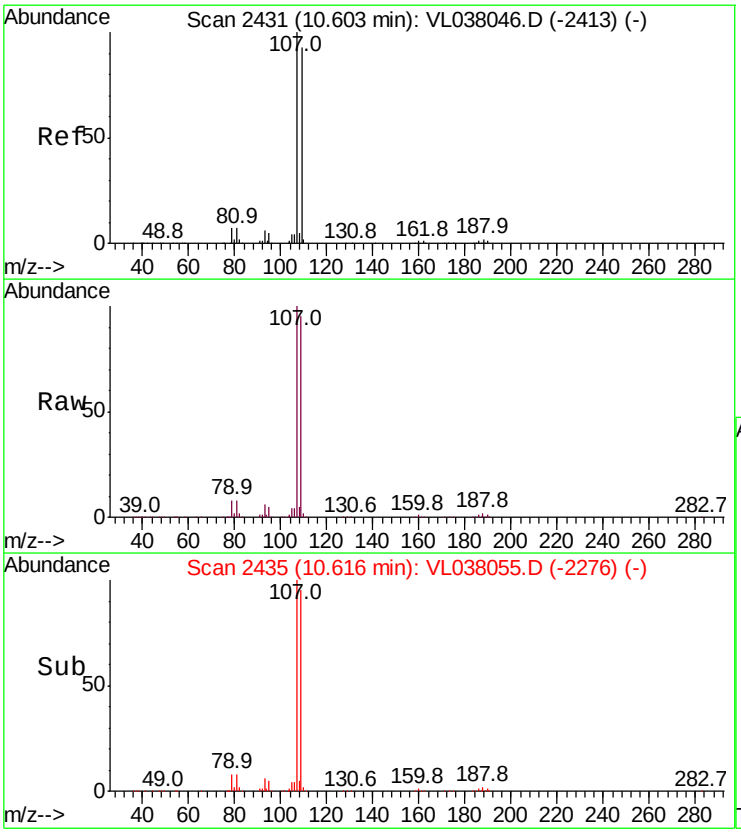
#53
Toluene
Concen: 9.036 ppbv
RT: 9.81
Delta R.T
Lab File:
Acq: 18 Nov 2021 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Tgt Ion: 91 Resp: 2757532

Ion	Ratio	Lower	Upper
91	100		
92	61.8	49.7	74.5

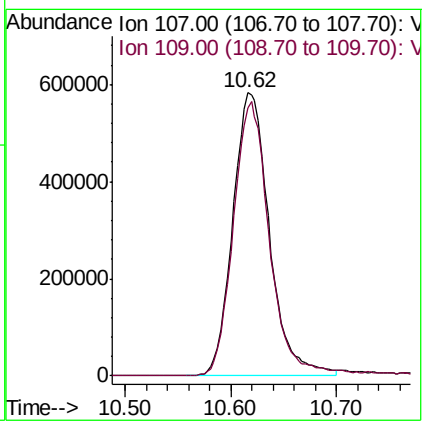


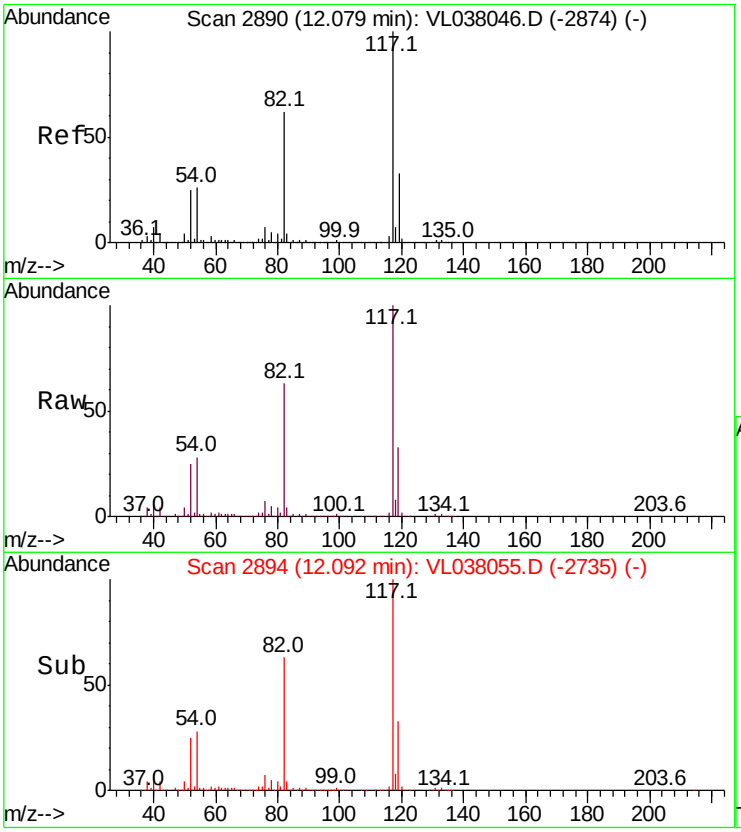


#54
1,2-Dibromoethane
Concen: 9.345 ppbv
RT: 10.62 min Scan# 2435
Delta R.T. 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion:107 Resp: 1406458

Ion	Ratio	Lower	Upper
107	100		
109	94.8	74.6	111.8



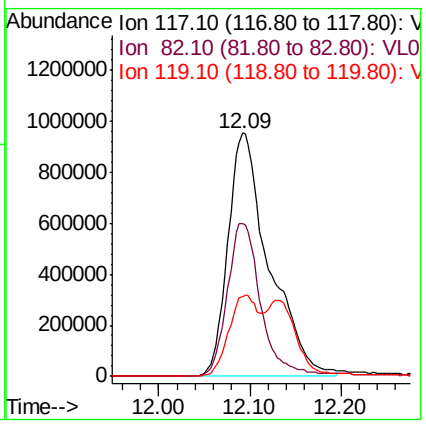


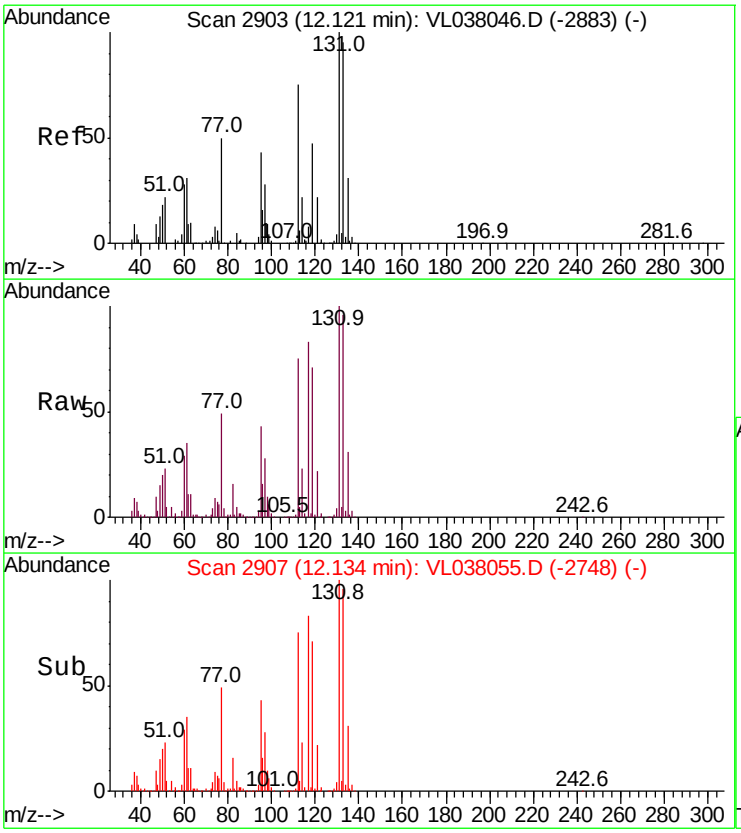
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09
Delta R.T
Lab File:
Acq: 18 Nov 2021 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Tgt Ion:117 Resp: 2999227

Ion	Ratio	Lower	Upper
117	100		
82	52.7	52.8	79.2#
119	23.2	26.8	40.2#

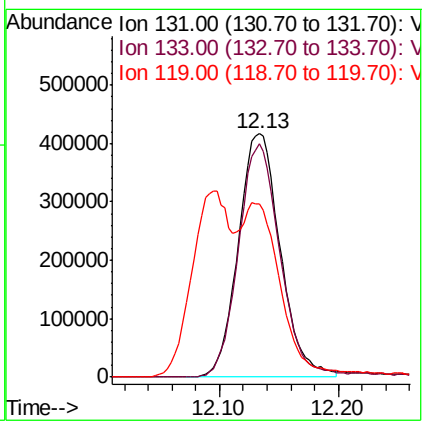


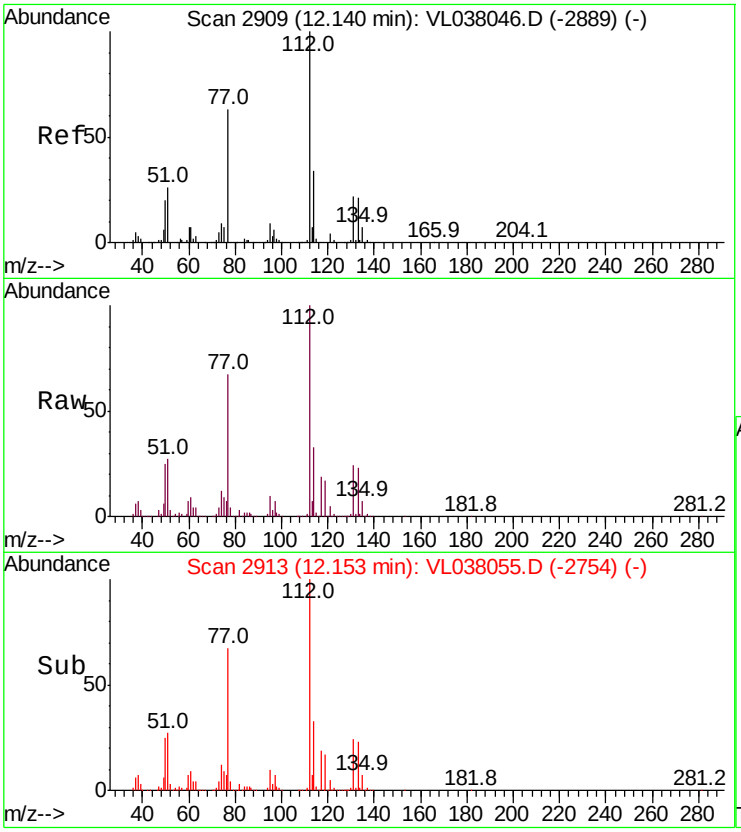


#56
1,1,1,2-Tetrachloroethane
Concen: 7.472 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion:131 Resp: 1017325

Ion	Ratio	Lower	Upper
131	100		
133	97.8	78.8	118.2
119	70.6	56.3	84.5



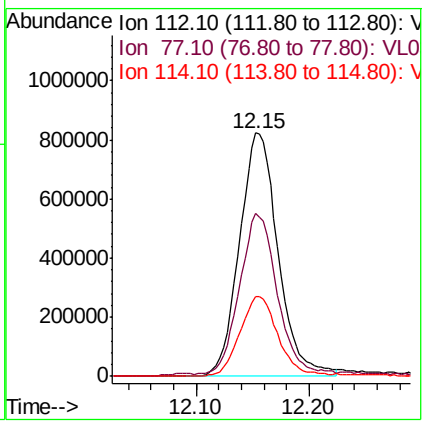


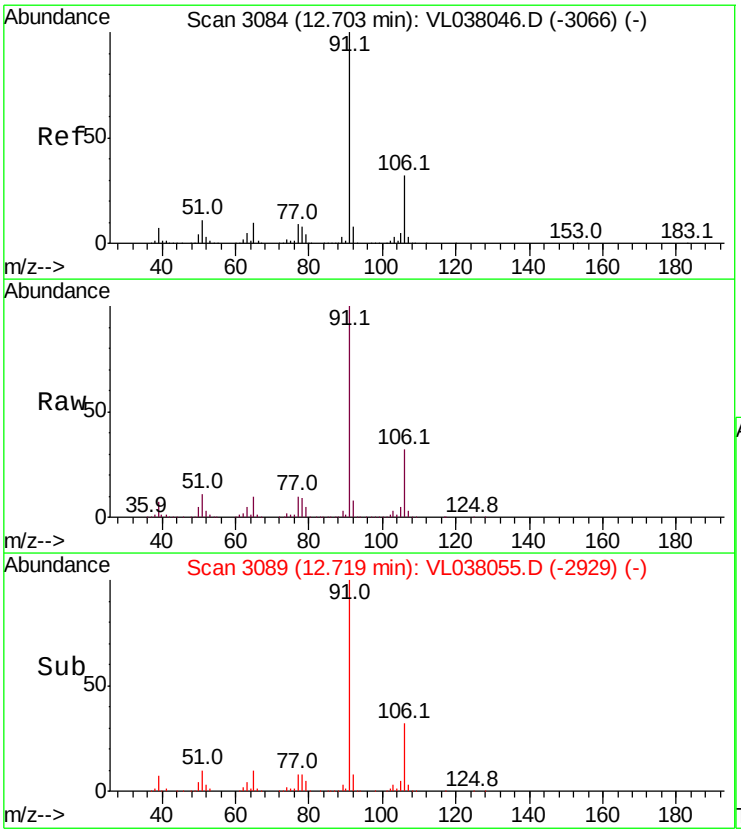
#57
Chlorobenzene
Concen: 7.276 ppbv
RT: 12.15
Delta R.T
Lab File:
Acq: 18 Nov 2021 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Tgt Ion:112 Resp: 1955827

Ion	Ratio	Lower	Upper
112	100		
77	65.7	50.3	75.5
114	33.0	30.7	37.5

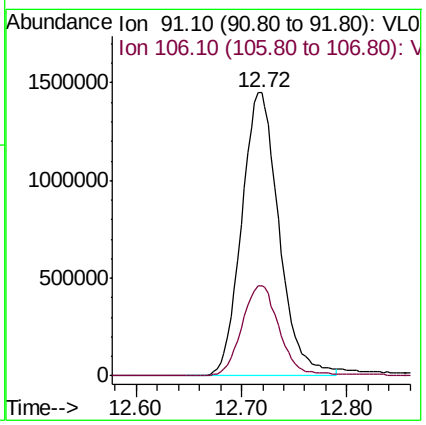


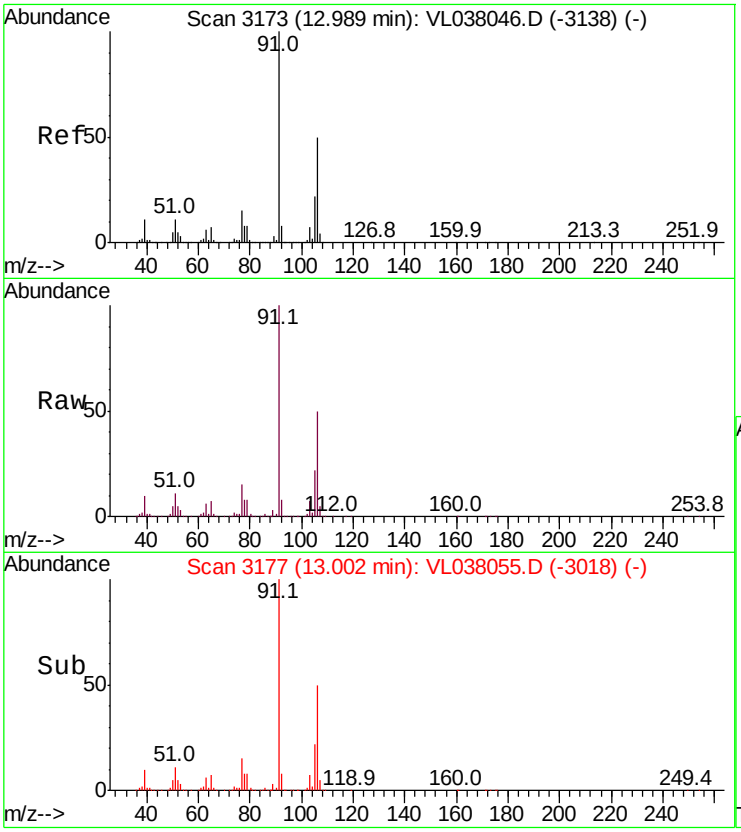


#58
Ethyl Benzene
Concen: 7.226 ppbv
RT: 12.72 min Scan# 3089
Delta R.T. 0.02 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion: 91 Resp: 3582102

Ion	Ratio	Lower	Upper
91	100		
106	31.9	25.8	38.6



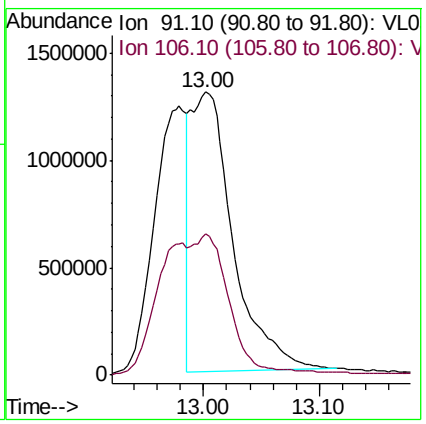


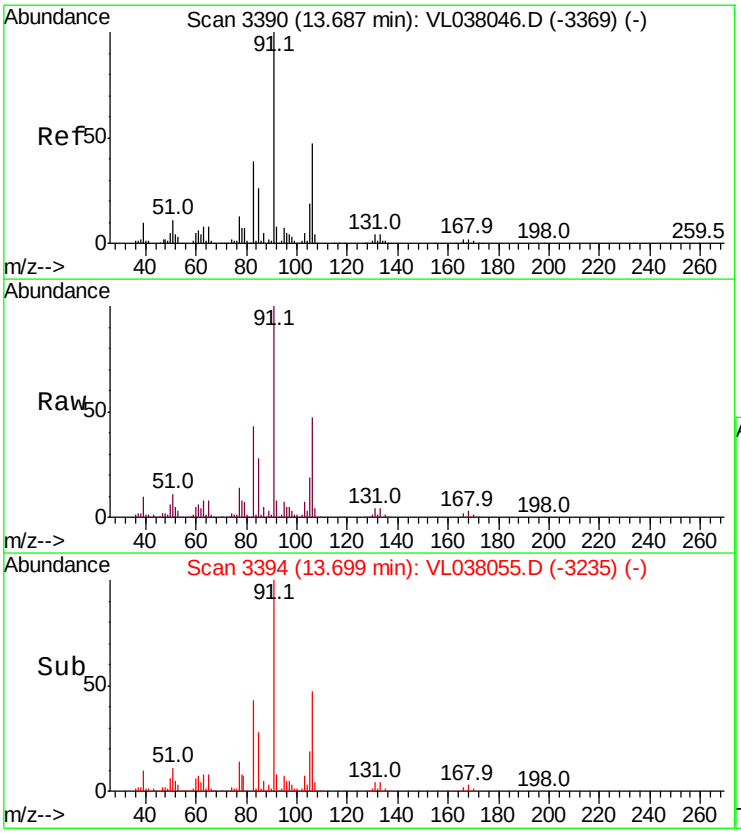
#59
m/p-Xylene
Concen: 7.830 ppbv
RT: 13.00
Delta R.T
Lab File:
Acq: 18 Nov 2021 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Tgt Ion: 91 Resp: 3267367

Ion	Ratio	Lower	Upper
91	100		
106	84.1	38.1	57.1#

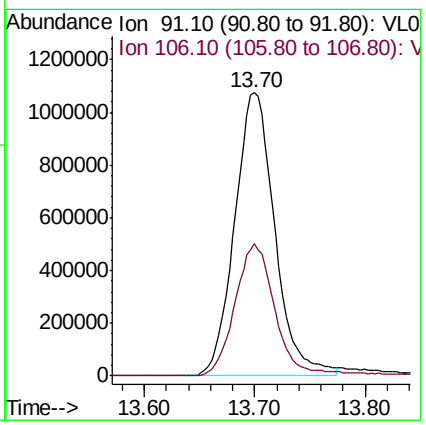


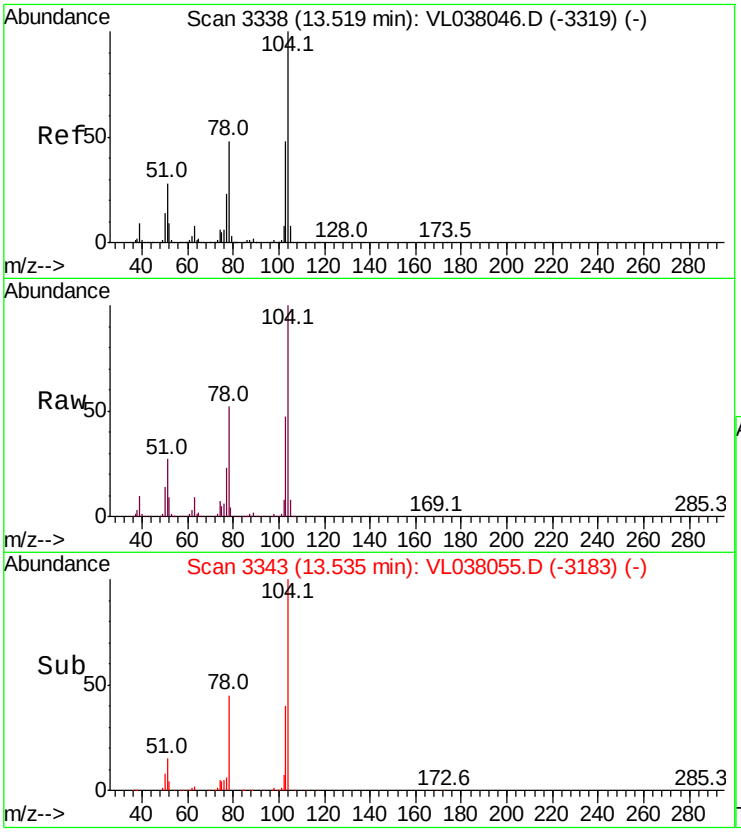


#60
o-Xylene
Concen: 6.993 ppbv
RT: 13.70 min Scan# 3394
Delta R.T. 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion: 91 Resp: 2707101

Ion	Ratio	Lower	Upper
91	100		
106	47.8	24.2	72.6



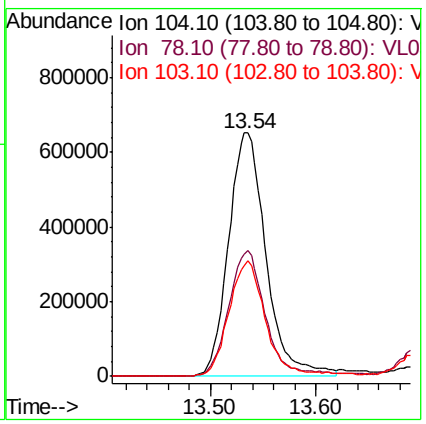


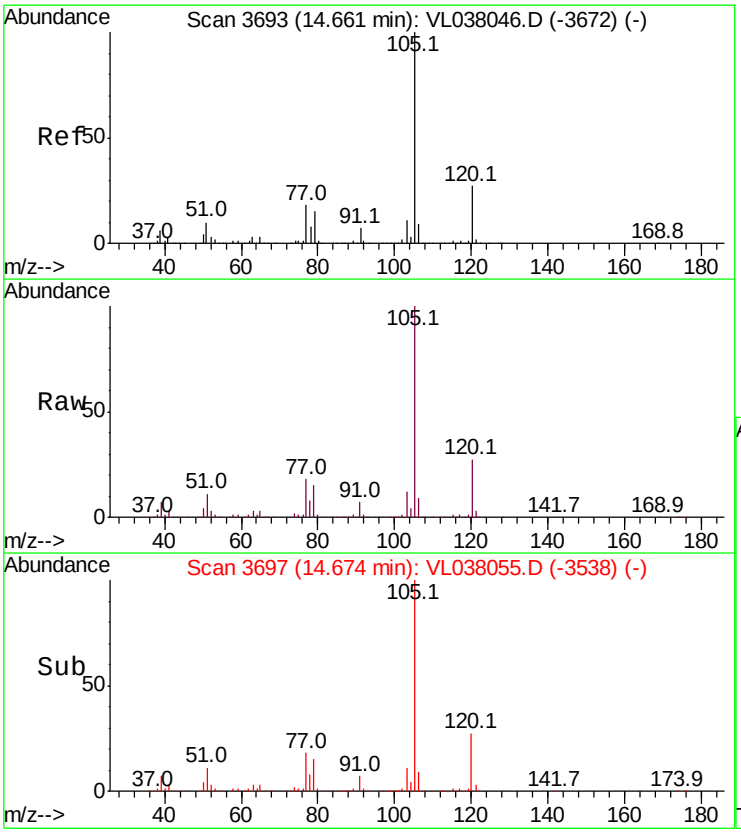
#61
Stvrene
Concen: 7.726 ppbv
RT: 13.54
Delta R.T
Lab File:
Acq: 18 Nov 2021 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Tgt Ion:104 Resp: 1603514

Ion	Ratio	Lower	Upper
104	100		
78	51.1	39.8	59.6
103	47.2	38.2	57.2

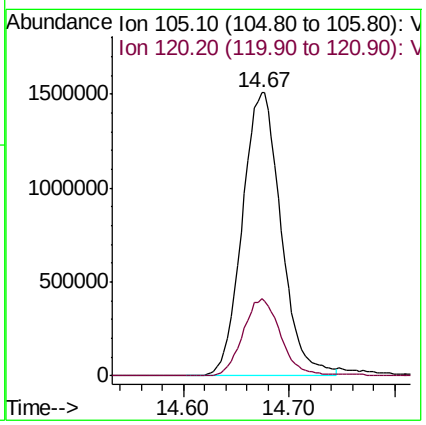


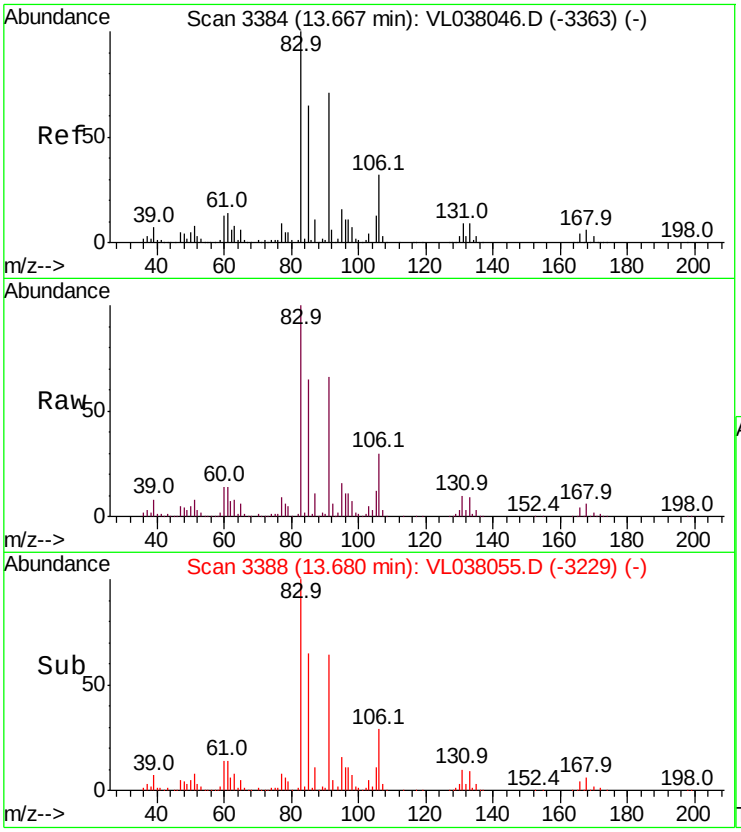


#62
Isopropylbenzene
Concen: 7.029 ppbv
RT: 14.67 min Scan# 3697
Delta R.T. 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion:105 Resp: 3862169

Ion	Ratio	Lower	Upper
105	100		
120	27.2	21.8	32.6



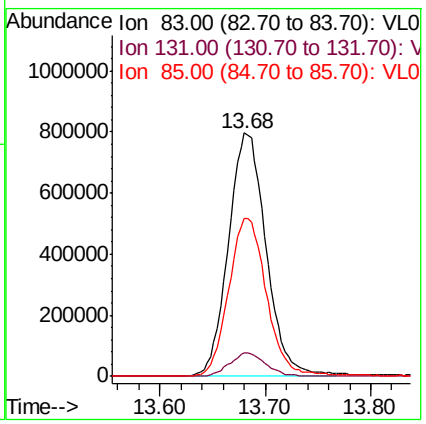


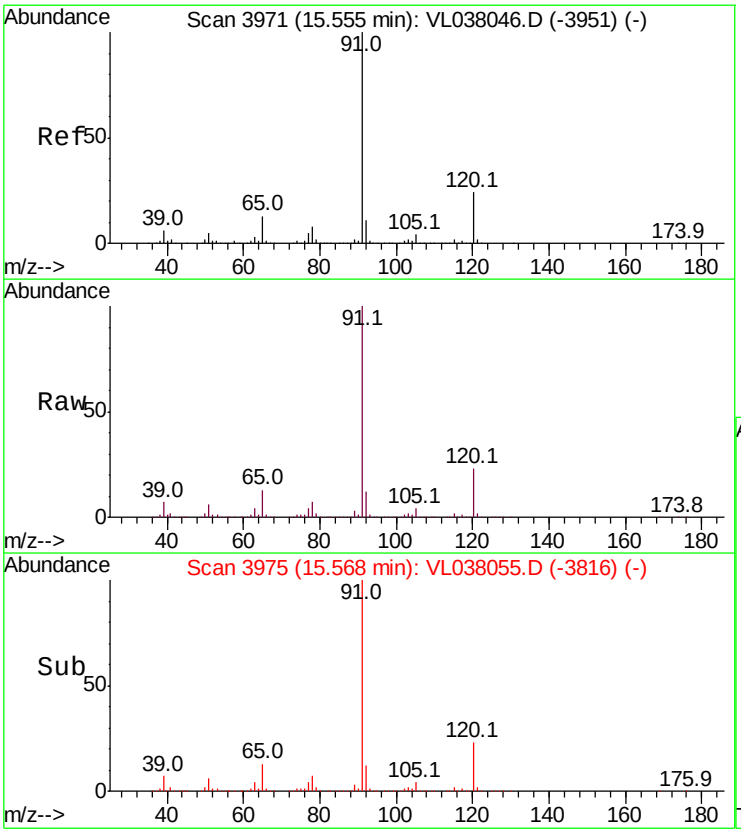
#63
1,1,2,2-Tetrachloroethane
Concen: 6.851 ppbv
RT: 13.68
Delta R.T
Lab File:
Acq: 18 Nov 2021 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Tgt Ion: 83 Resp: 1969852

Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.9	14.7
85	65.8	33.4	100.1

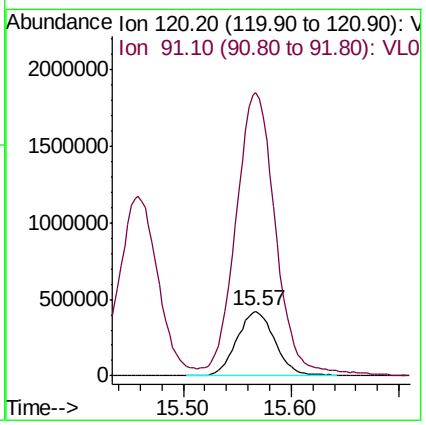


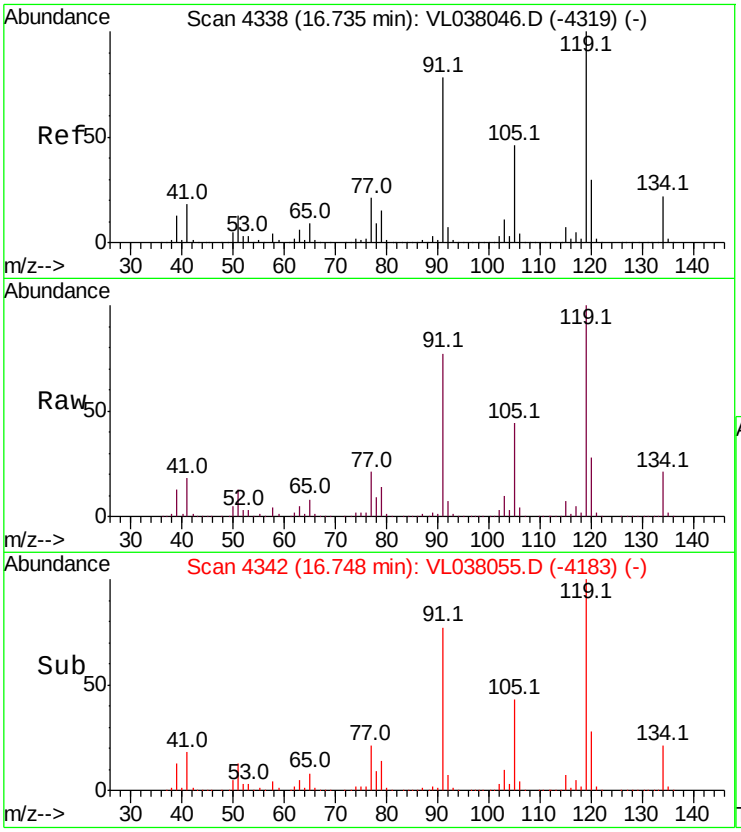


#64
n-propylbenzene
Concen: 7.433 ppbv
RT: 15.57 min Scan# 3975
Delta R.T. 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion:120 Resp: 1040548

Ion	Ratio	Lower	Upper
120	100		
91	458.4	371.7	557.5



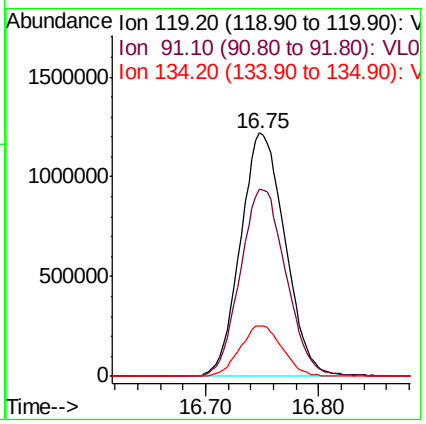


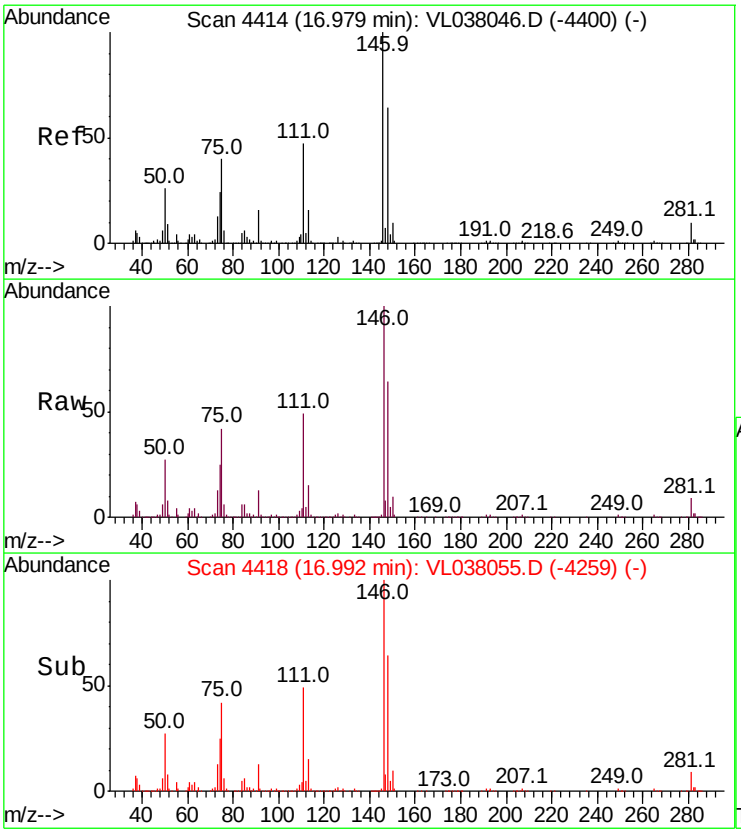
#65
tert-Butylbenzene
Concen: 6.884 ppbv
RT: 16.75
Delta R.T
Lab File:
Acq: 18 Nov 2021 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Tgt Ion:119 Resp: 3332433

Ion	Ratio	Lower	Upper
119	100		
91	79.0	63.2	94.8
134	19.8	16.1	24.1

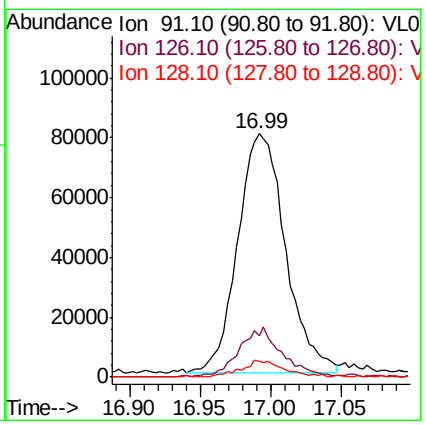


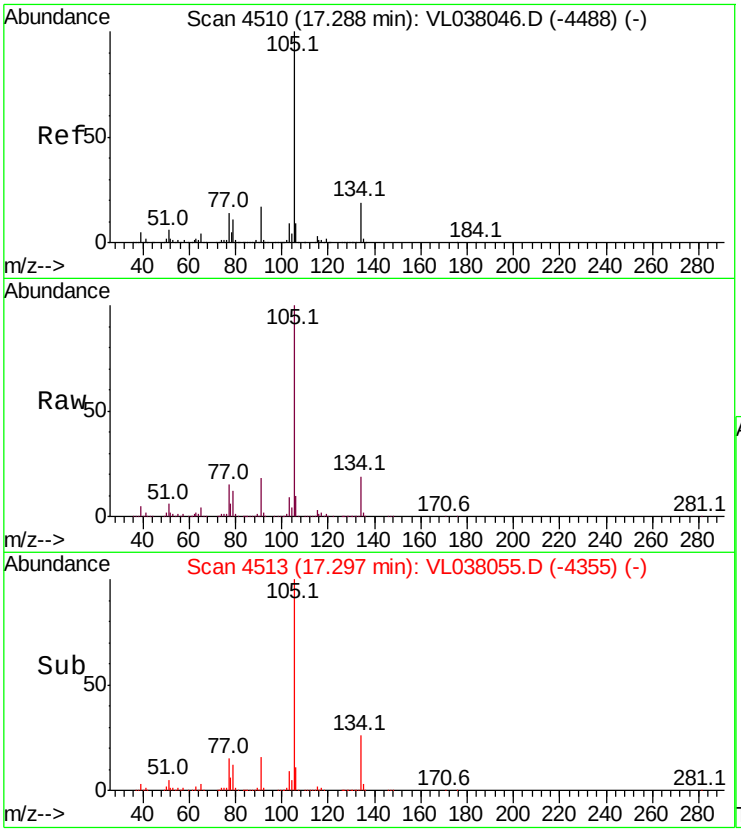


#66
Benzyl Chloride
Concen: 7.715 ppbv
RT: 16.99 min Scan# 4418
Delta R.T. 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion: 91 Resp: 189292

Ion	Ratio	Lower	Upper
91	100		
126	19.2	15.5	23.3
128	6.6	5.6	8.4



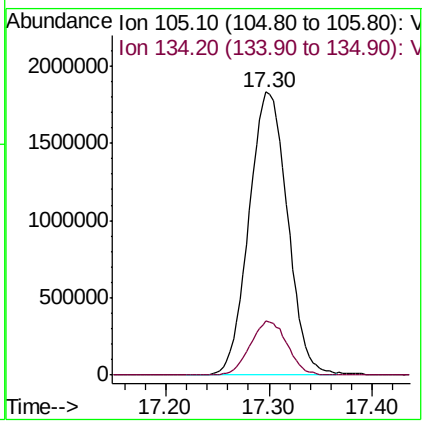


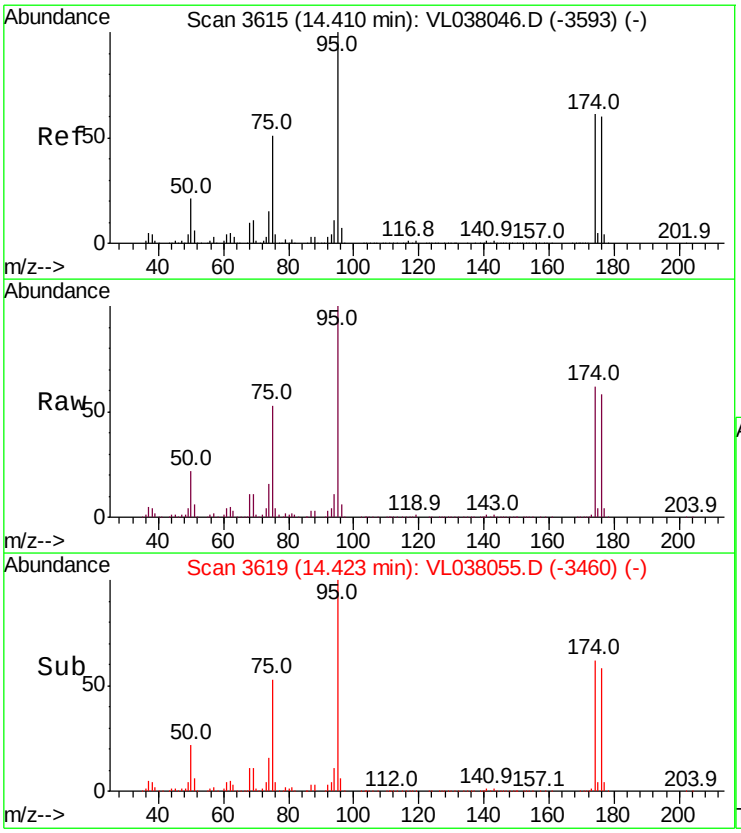
#67
sec-Butylbenzene
Concen: 7.030 ppbv
RT: 17.30
Delta R.T
Lab File:
Acq: 18 Nov 2021 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Tgt Ion:105 Resp: 4741979

Ion	Ratio	Lower	Upper
105	100		
134	18.5	14.7	22.1

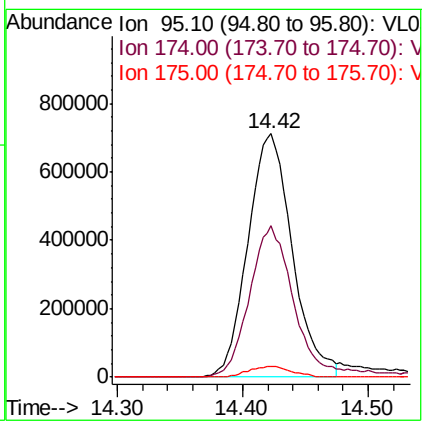


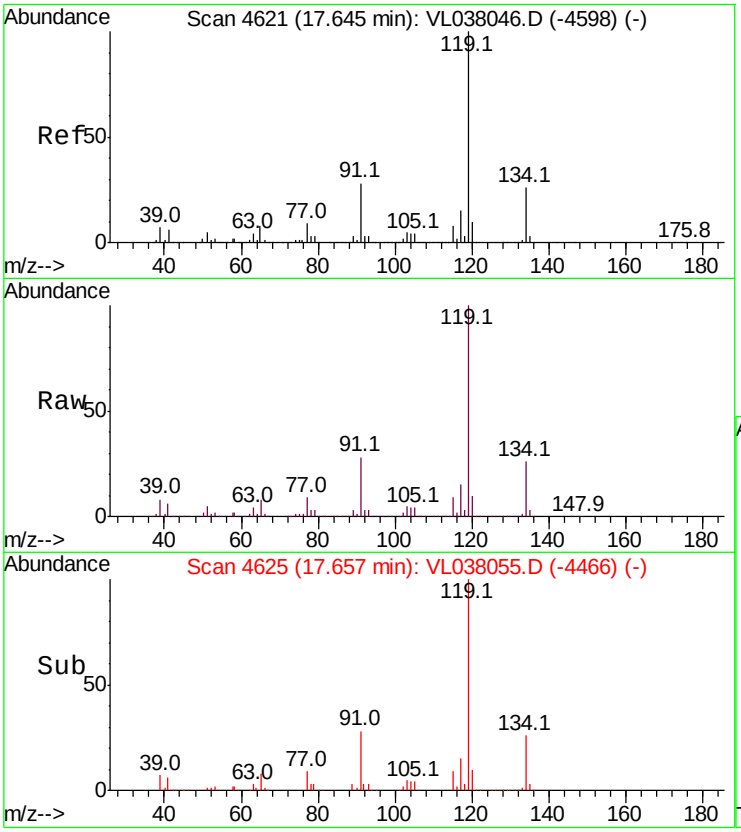


#68
1-Bromo-4-Fluorobenzene
Concen: 8.092 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion: 95 Resp: 1750711

Ion	Ratio	Lower	Upper
95	100		
174	65.2	53.1	79.7
175	4.9	4.0	6.0



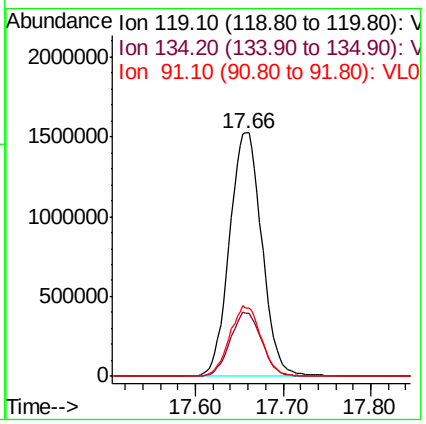


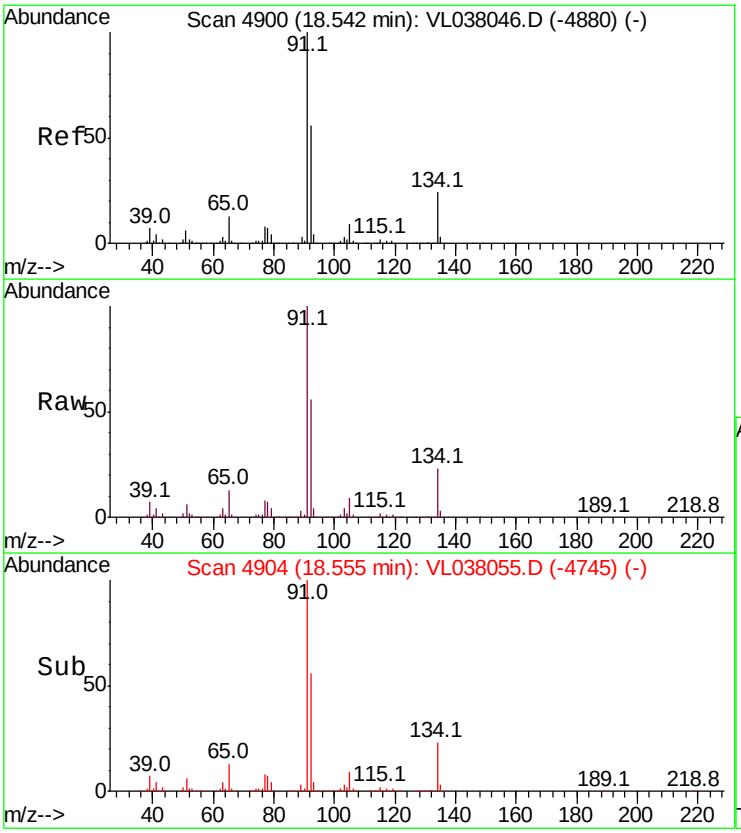
#69
p-Isopropyltoluene
Concen: 7.420 ppbv
RT: 17.66
Delta R.T
Lab File:
Acq: 18 Nov 2021 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Tgt Ion:119 Resp: 3915389

Ion	Ratio	Lower	Upper
119	100		
134	25.7	20.6	30.8
91	28.3	22.2	33.4

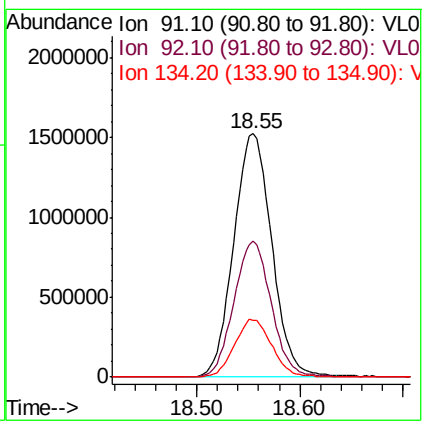


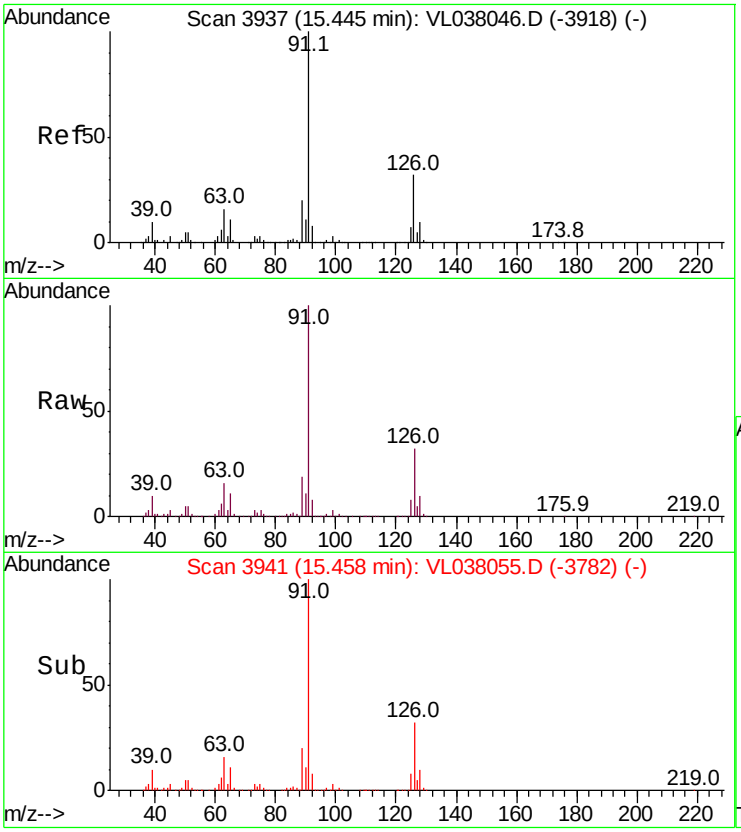


#70
n-Butylbenzene
Concen: 7.755 ppbv
RT: 18.55 min Scan# 4904
Delta R.T. 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion: 91 Resp: 3912684

Ion	Ratio	Lower	Upper
91	100		
92	55.1	44.1	66.1
134	23.4	18.9	28.3



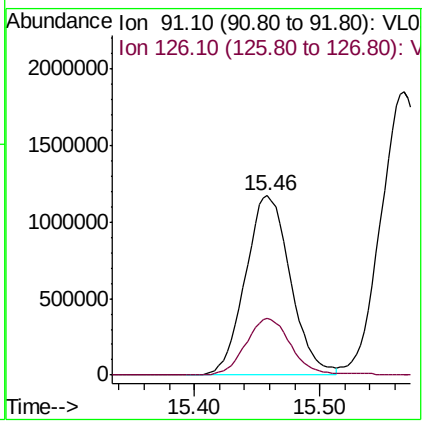


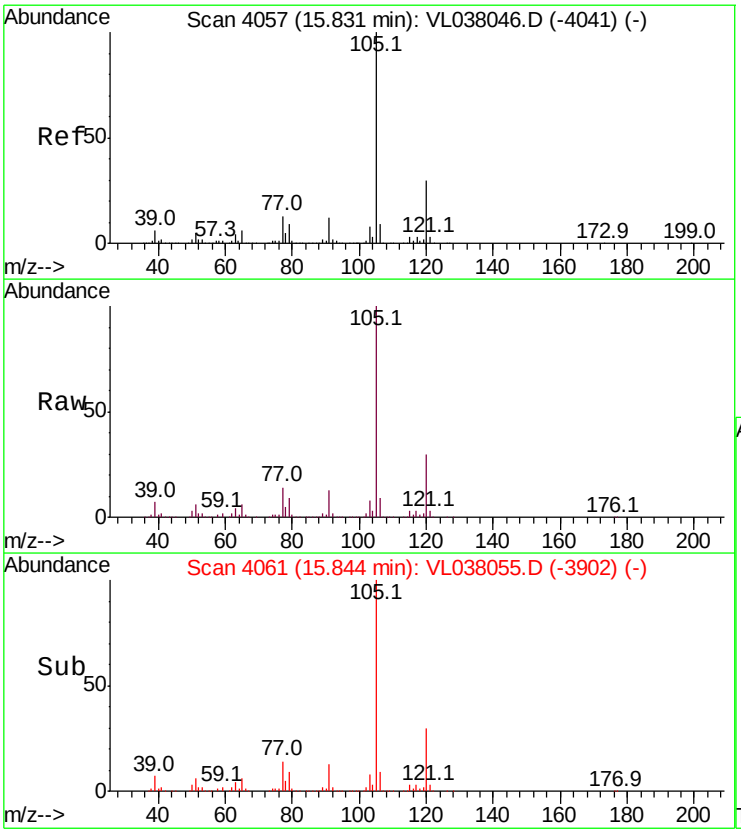
#71
2-Chlorotoluene
Concen: 7.301 ppbv
RT: 15.46
Delta R.T
Lab File:
Acq: 18 Nov 2021 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Tgt Ion: 91 Resp: 2933038

Ion	Ratio	Lower	Upper
91	100		
126	32.4	13.1	52.3

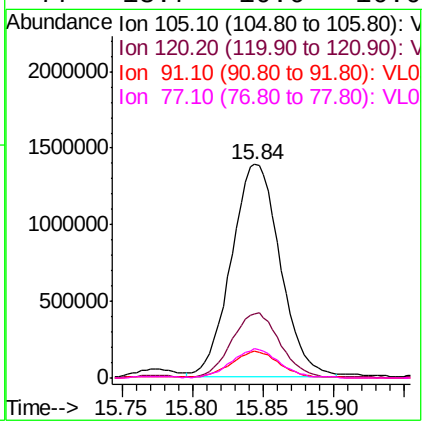


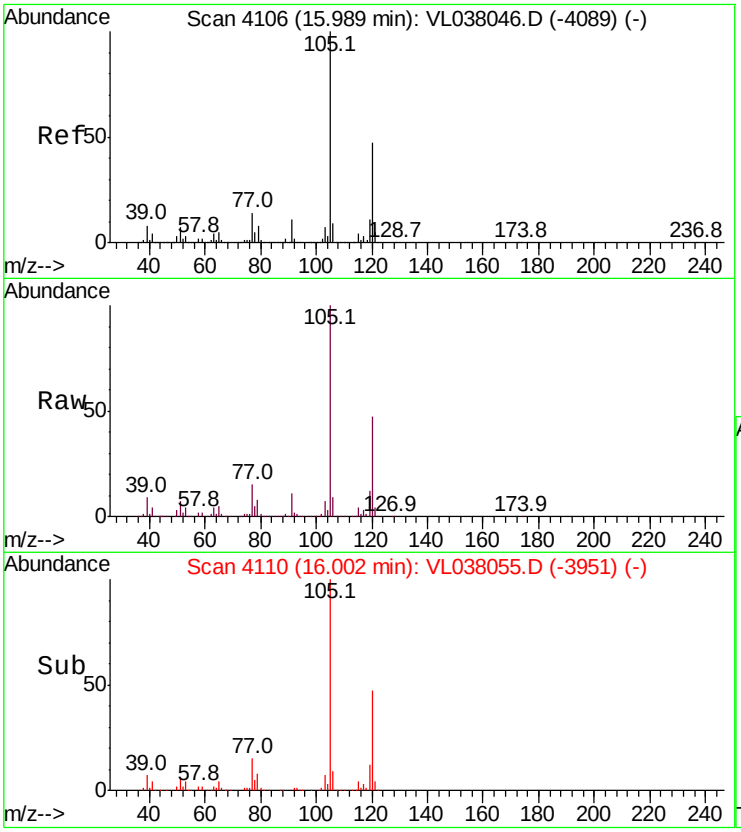


#72
4-Ethyltoluene
Concen: 7.509 ppbv
RT: 15.84 min Scan# 4061
Delta R.T. 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion:105 Resp: 3370073

Ion	Ratio	Lower	Upper
105	100		
120	30.9	25.1	37.7
91	12.1	9.7	14.5
77	13.7	10.6	16.0



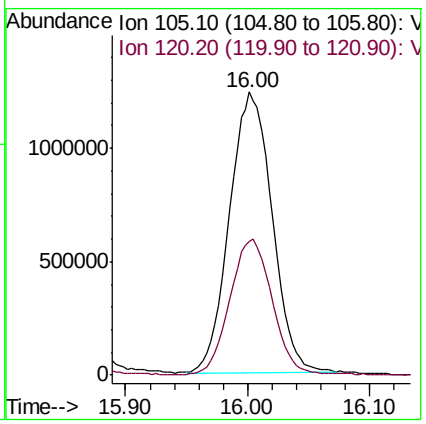


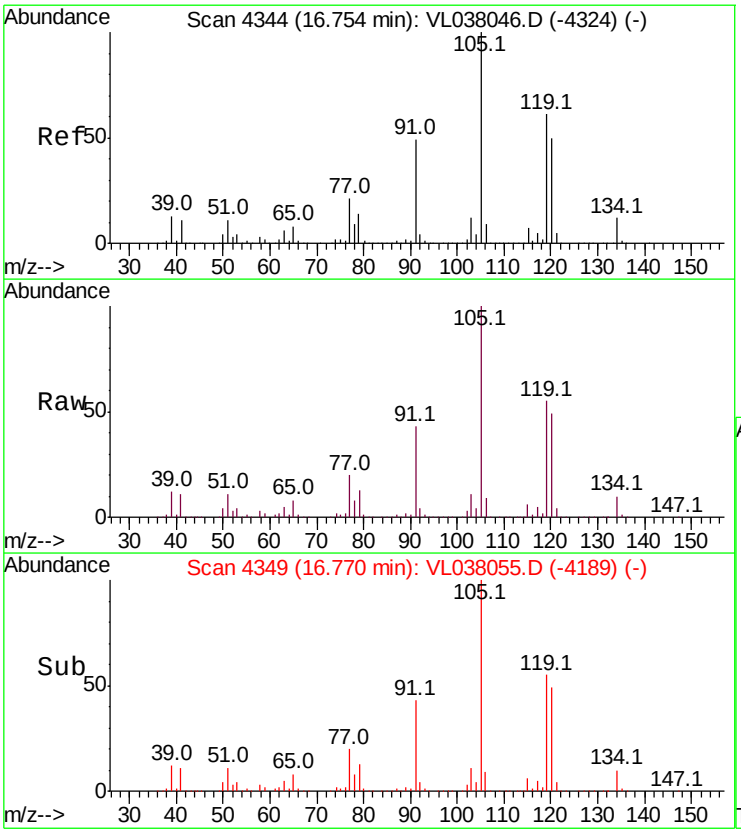
#73
1,3,5-Trimethylbenzene
Concen: 7.304 ppbv
RT: 16.00
Delta R.T
Lab File:
Acq: 18 Nov 2021 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Tgt Ion:105 Resp: 2994031

Ion	Ratio	Lower	Upper
105	100		
120	47.0	37.8	56.6

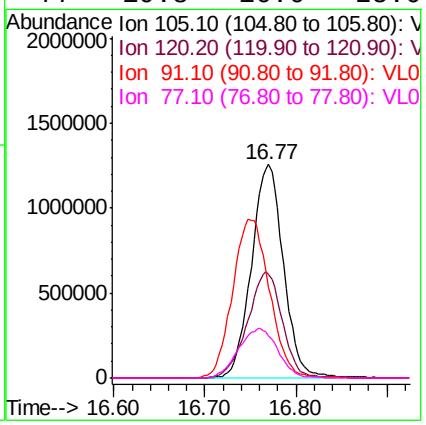


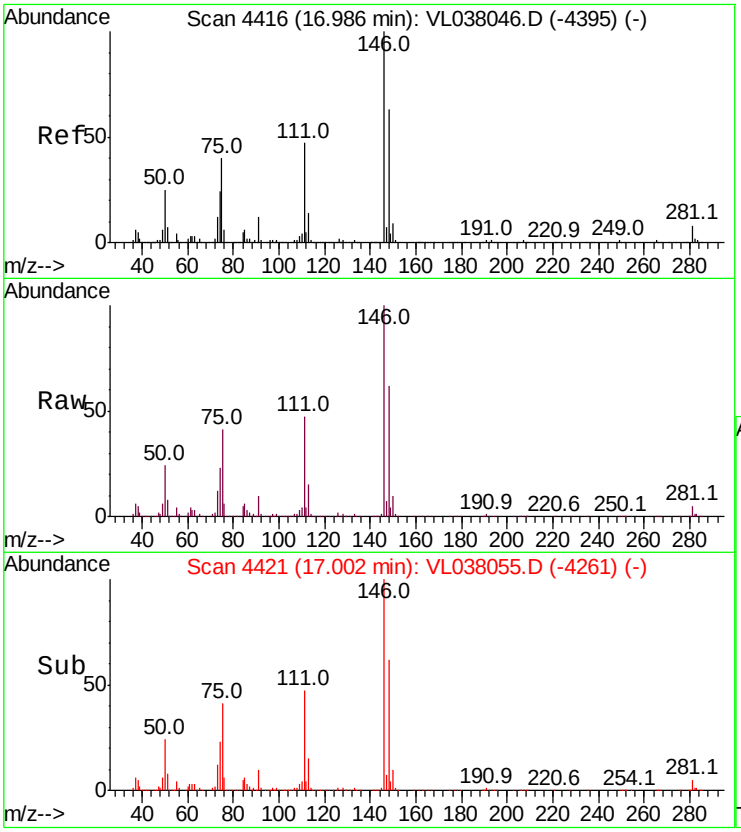


#74
1,2,4-Trimethylbenzene
Concen: 7.237 ppbv
RT: 16.77 min Scan# 4349
Delta R.T. 0.02 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion:105 Resp: 3057205

Ion	Ratio	Lower	Upper
105	100		
120	48.6	40.1	60.1
91	42.6	39.8	59.8
77	19.8	16.6	25.0



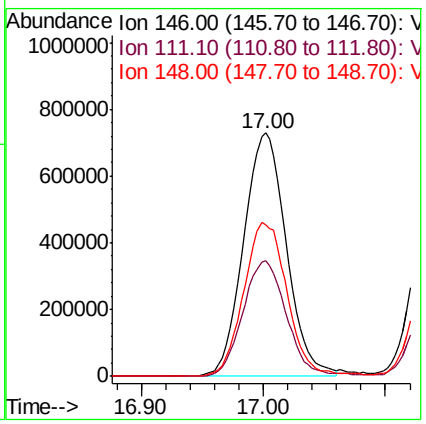


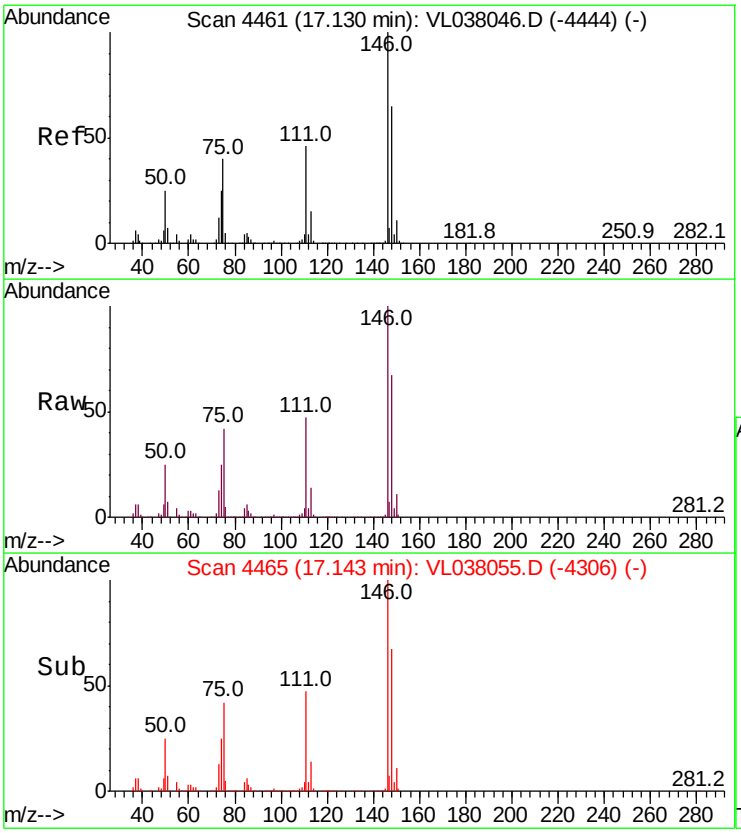
#75
1,3-Dichlorobenzene
Concen: 7.611 ppbv
RT: 17.00
Delta R.T
Lab File:
Acq: 18 Nov 2021 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Tgt Ion:146 Resp: 1765800

Ion	Ratio	Lower	Upper
146	100		
111	48.3	23.5	70.6
148	64.6	32.1	96.3

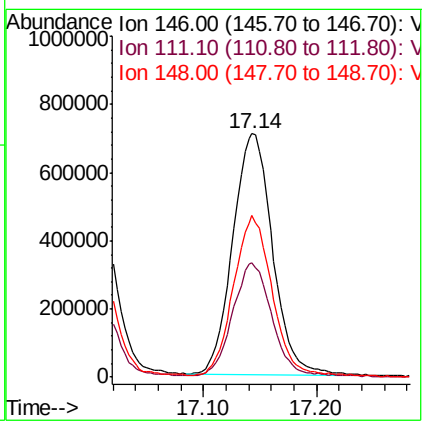


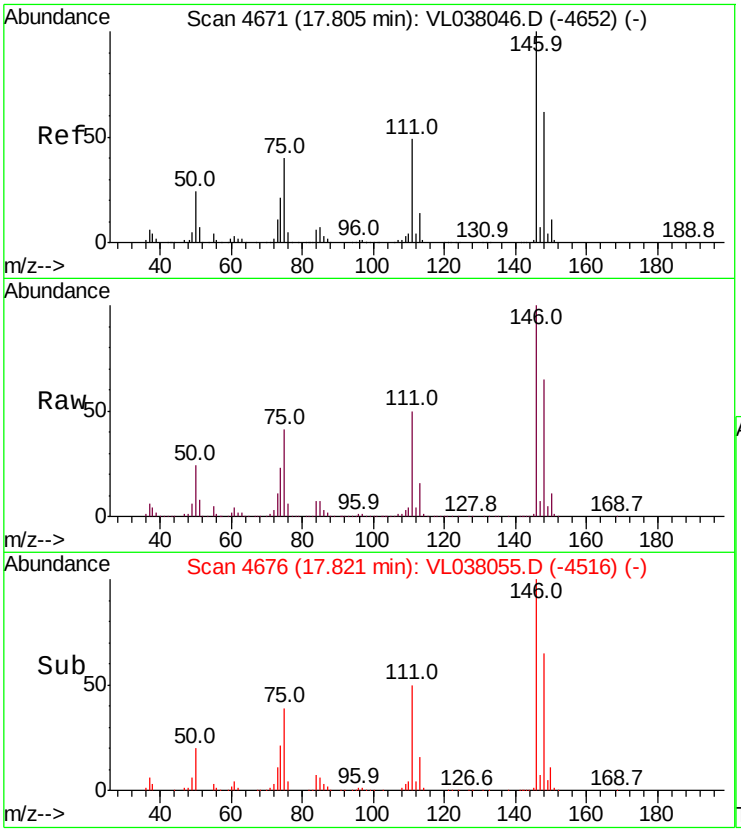


#76
1,4-Dichlorobenzene
Concen: 7.405 ppbv
RT: 17.14 min Scan# 4465
Delta R.T. 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion:146 Resp: 1729046

Ion	Ratio	Lower	Upper
146	100		
111	47.5	23.8	71.5
148	66.3	33.2	99.6



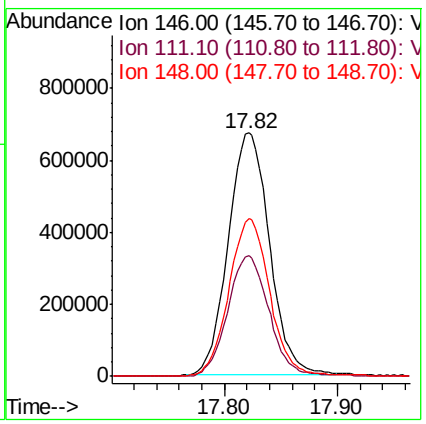


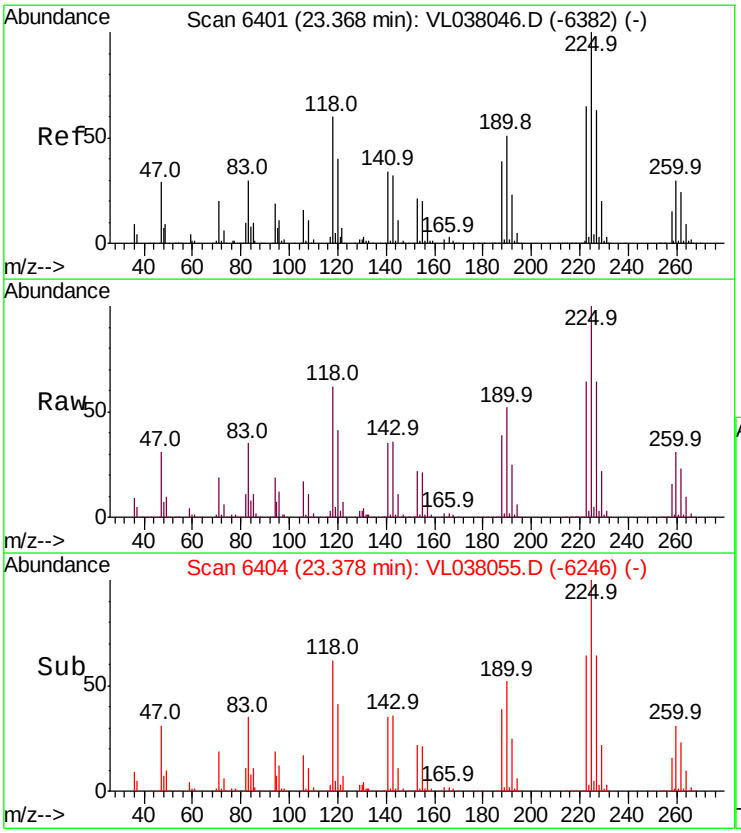
#77
1,2-Dichlorobenzene
Concen: 7.615 ppbv
RT: 17.82
Delta R.T
Lab File:
Acq: 18 Nov 2021 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Tgt Ion:146 Resp: 1710809

Ion	Ratio	Lower	Upper
146	100		
111	49.9	24.8	74.4
148	64.3	32.3	96.9

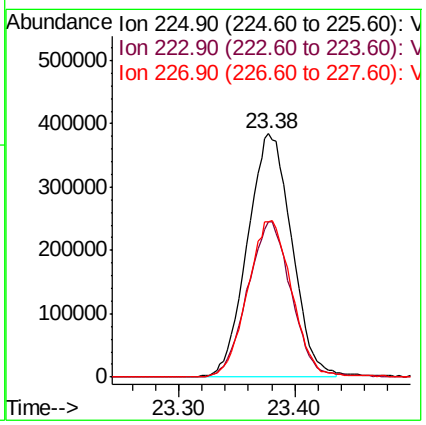


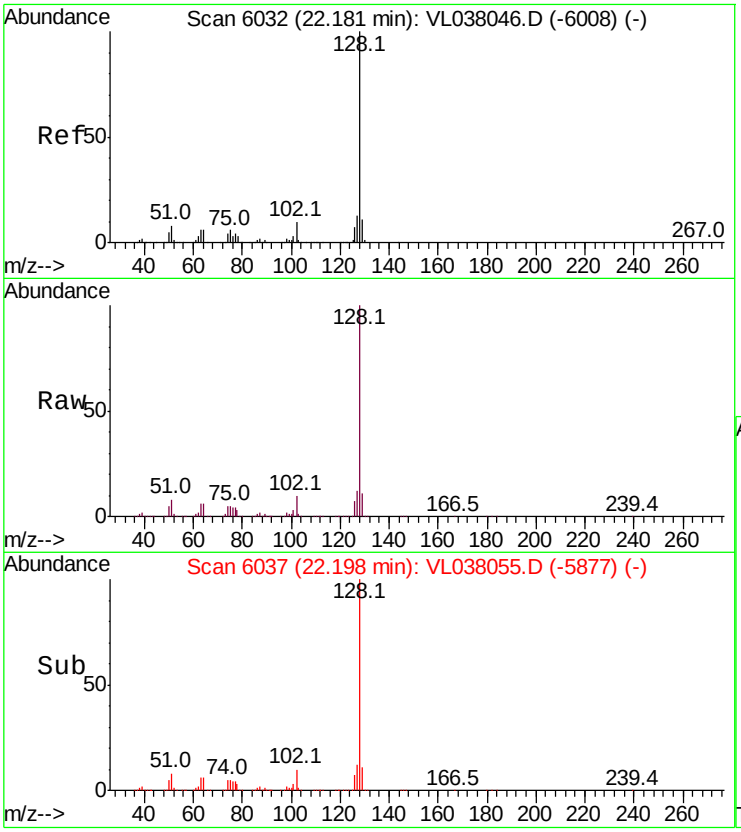


#78
Hexachloro-1,3-Butadiene
Concen: 7.258 ppbv
RT: 23.38 min Scan# 6404
Delta R.T. 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion:225 Resp: 1018048

Ion	Ratio	Lower	Upper
225	100		
223	63.6	52.3	78.5
227	64.9	52.4	78.6



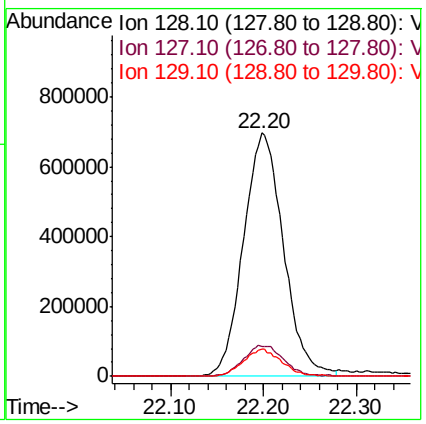


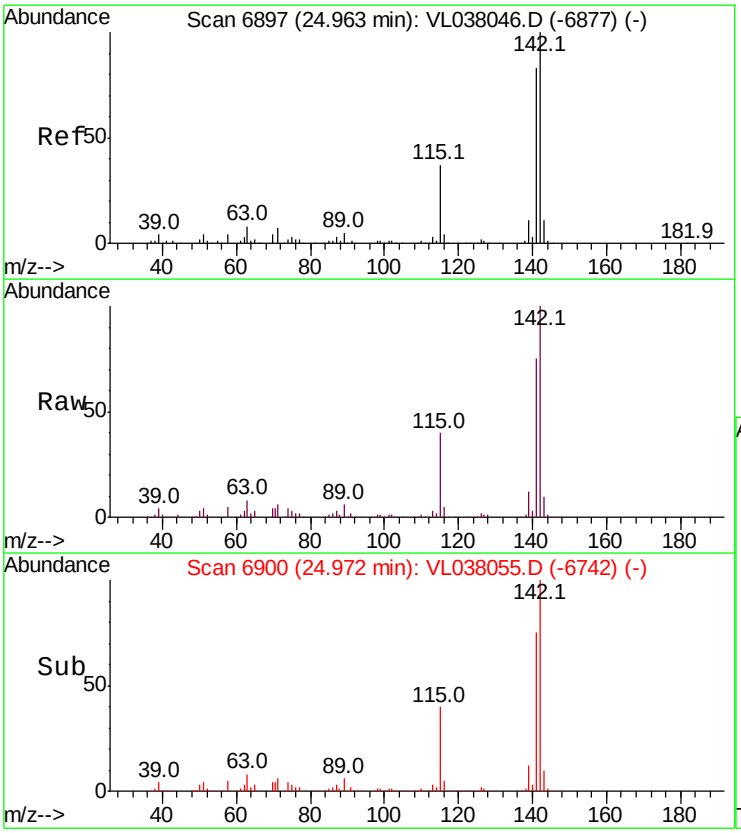
#79
Naphthalene
Concen: 9.404 ppbv
RT: 22.20
Delta R.T
Lab File:
Acq: 18 Nov 2021 15:46

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Tgt Ion:128 Resp: 2091962

Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.4	15.6
129	11.3	8.9	13.3

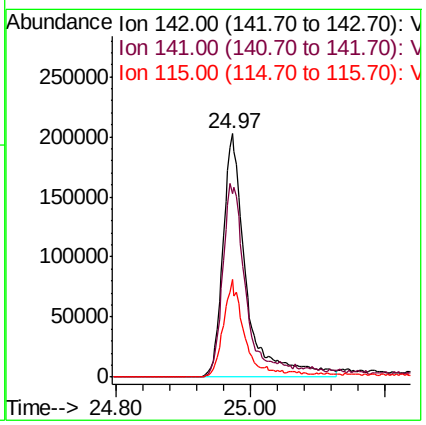


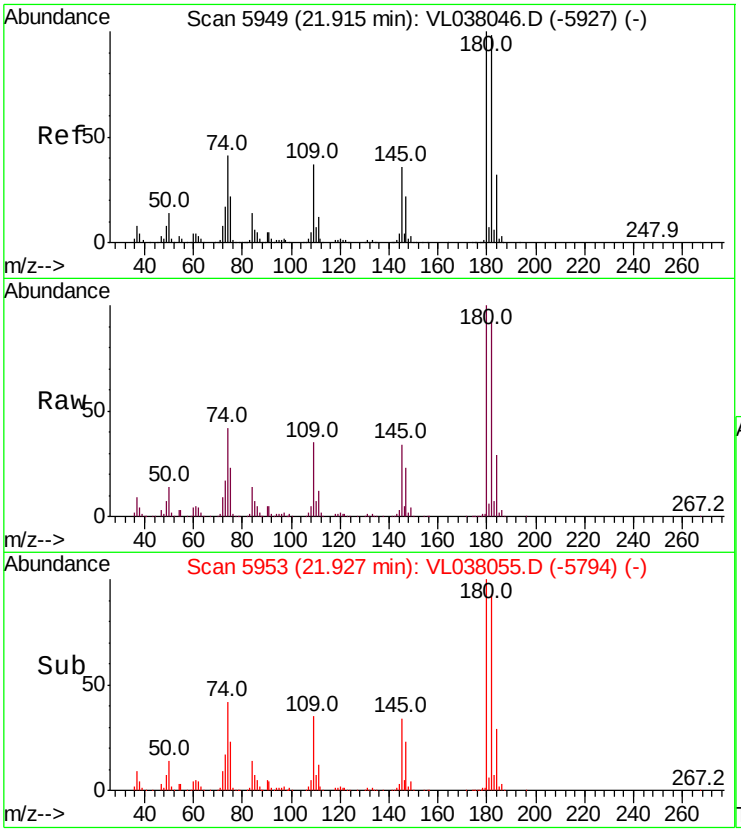


#80
Naphthalene,2-methyl-
Concen: 10.295 ppbv
RT: 24.97 min Scan# 6900
Delta R.T. 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion:142 Resp: 490804

Ion	Ratio	Lower	Upper
142	100		
141	81.0	67.3	100.9
115	39.1	28.9	43.3





#81
1,2,4-Trichlorobenzene
Concen: 8.708 ppbv
RT: 21.93
Delta R.T
Lab File:
Acq: 18 Nov 2021 15:48

Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

Tgt Ion:180 Resp: 1113229

Ion	Ratio	Lower	Upper
180	100		
182	98.0	77.4	116.2
184	31.5	25.0	37.4