Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101821\
Data File : VL037853.D
Acq On : 18 Oct 2021 14:46
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BFB

Quant Time: Oct 19 08:32:59 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 04 17:43:54 2021
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.68	49	1359042	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.19	114	4074546	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.10	117	4616318	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	2713465	8.41	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 84.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.06	85	1553662	7.157	ppbv		99
3) Chlorodifluoromethane	3.00	51	2535396	9.709	ppbv		99
4) Chloromethane	3.15	50	963488	10.074	ppbv		98
5) Vinyl Chloride	3.27	62	966892	11.028	ppbv		98
6) Bromomethane	3.48	94	492486	10.384	ppbv		99
7) Chloroethane	3.56	64	333861	10.356	ppbv		98
8) Dichlorotetrafluoroethane	3.20	85	2157527	10.056	ppbv		99
9) Propene	3.02	41	920746	9.583	ppbv		99
10) Heptane	8.13	43	2322285	10.642	ppbv		100
11) Trichlorofluoromethane	3.96	101	1988606	10.268	ppbv		96
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1522388	10.374	ppbv		100
13) Ethanol	3.62	45	41720	5.309	ppbv	#	38
14) Bromoethene	3.75	108	695848	10.785	ppbv		93
15) Acetone	3.86	43	1136665	9.317	ppbv		99
16) 1,3-Butadiene	3.34	39	914220	10.299	ppbv		97
17) tert-Butyl alcohol	4.29	59	1234101	9.822	ppbv		100
18) 1,1-Dichloroethene	4.30	96	695536	10.430	ppbv		97
19) Isopropyl Alcohol	3.97	45	309258	4.075	ppbv	#	84
20) Methylene Chloride	4.35	84	578710	9.388	ppbv		97
21) Allyl Chloride	4.42	41	1081185	10.003	ppbv		97
22) trans-1,2-Dichloroethene	4.90	96	696065	10.382	ppbv		98
23) Vinyl Acetate	5.08	43	1786389	9.771	ppbv		98
24) 1,1-Dichloroethane	5.02	63	1431122	10.753	ppbv		99
25) Ethyl Acetate	5.69	43	3600565	10.517	ppbv		99
26) Hexane	5.70	57	1692627	10.041	ppbv		99
27) Carbon Disulfide	4.56	76	1721459	11.523	ppbv		98
28) Methyl tert-Butyl Ether	5.04	73	1422246	10.133	ppbv		99
29) Chloroform	5.76	83	2464506	10.228	ppbv		100
30) Cyclohexane	7.14	84	1450915	10.150	ppbv		97
31) cis-1,2-Dichloroethene	5.56	61	1564013	10.220	ppbv		96
32) 1,1,1-Trichloroethane	6.52	97	2354441	10.306	ppbv		99
34) 2-Butanone	5.25	43	1586926	9.647	ppbv		100
35) Carbon Tetrachloride	7.03	117	2463423	10.646	ppbv		98
36) Benzene	6.90	78	3546144	10.190	ppbv		98
37) 1,2-Dichloroethane	6.32	62	1714818	10.464	ppbv		100
38) Trichloroethene	7.85	130	1409651	10.253	ppbv		97
39) 1,2-Dichloropropane	7.62	63	1341019	10.244	ppbv		98
40) 1,4-Dioxane	7.84	88	339632	10.368	ppbv	#	100
41) Tetrahydrofuran	6.06	42	826267	10.258	ppbv		99
42) Bromodichloromethane	7.80	83	2586316	10.745	ppbv		99
43) Methyl Methacrylate	8.02	69	1256505	11.054	ppbv		98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101821\
Data File : VL037853.D
Acq On : 18 Oct 2021 14:46
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BFB

Quant Time: Oct 19 08:32:59 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 04 17:43:54 2021
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	5912965	10.113	ppbv		99
45) t-1,3-Dichloropropene	9.29	75	972000	12.428	ppbv		97
46) cis-1,3-Dichloropropene	8.72	75	1313547	12.116	ppbv		99
47) 1,1,2-Trichloroethane	9.49	97	1449266	10.184	ppbv		97
48) Dibromochloromethane	10.32	129	2259835	11.139	ppbv		99
49) Bromoform	13.05	173	1841986	11.867	ppbv		98
50) 4-Methyl-2-Pentanone	8.75	43	2311917	10.797	ppbv		99
51) 2-Hexanone	10.14	43	1061904	11.108	ppbv	#	99
52) Tetrachloroethene	11.23	164	1283549	9.480	ppbv		98
53) Toluene	9.82	91	4120868	10.684	ppbv		100
54) 1,2-Dibromoethane	10.62	107	2010880	10.461	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.14	131	1566979	8.200	ppbv		98
57) Chlorobenzene	12.16	112	2999453	7.920	ppbv		97
58) Ethyl Benzene	12.72	91	5247105	8.465	ppbv		100
59) m/p-Xylene	13.00	91	4913161	9.234	ppbv	#	42
60) o-Xylene	13.70	91	4153918	8.146	ppbv		100
61) Styrene	13.54	104	2322046	9.414	ppbv		97
62) Isopropylbenzene	14.68	105	5787128	8.136	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.69	83	2986300	7.589	ppbv		99
64) n-propylbenzene	15.57	120	1516320	8.549	ppbv		100
65) tert-Butylbenzene	16.75	119	5035832	8.046	ppbv		99
66) Benzyl Chloride	17.00	91	268185	8.682	ppbv	#	99
67) sec-Butylbenzene	17.30	105	7049364	8.235	ppbv		100
69) p-Isopropyltoluene	17.66	119	5795122	8.374	ppbv		100
70) n-Butylbenzene	18.56	91	5589425	8.501	ppbv		99
71) 2-Chlorotoluene	15.46	91	4163789	8.290	ppbv		100
72) 4-Ethyltoluene	15.85	105	4848040	8.373	ppbv		98
73) 1,3,5-Trimethylbenzene	16.00	105	4377096	8.322	ppbv		98
74) 1,2,4-Trimethylbenzene	16.77	105	4610711	8.348	ppbv		94
75) 1,3-Dichlorobenzene	17.00	146	2753768	8.048	ppbv		99
76) 1,4-Dichlorobenzene	17.15	146	2631587	8.062	ppbv		98
77) 1,2-Dichlorobenzene	17.82	146	2661700	8.098	ppbv		99
78) Hexachloro-1,3-Butadiene	23.38	225	1822466	6.790	ppbv		99
79) Naphthalene	22.20	128	2938773	8.688	ppbv		100
80) Naphthalene,2-methyl-	24.97	142	621718	6.845	ppbv		98
81) 1,2,4-Trichlorobenzene	21.93	180	1805048	8.344	ppbv		99

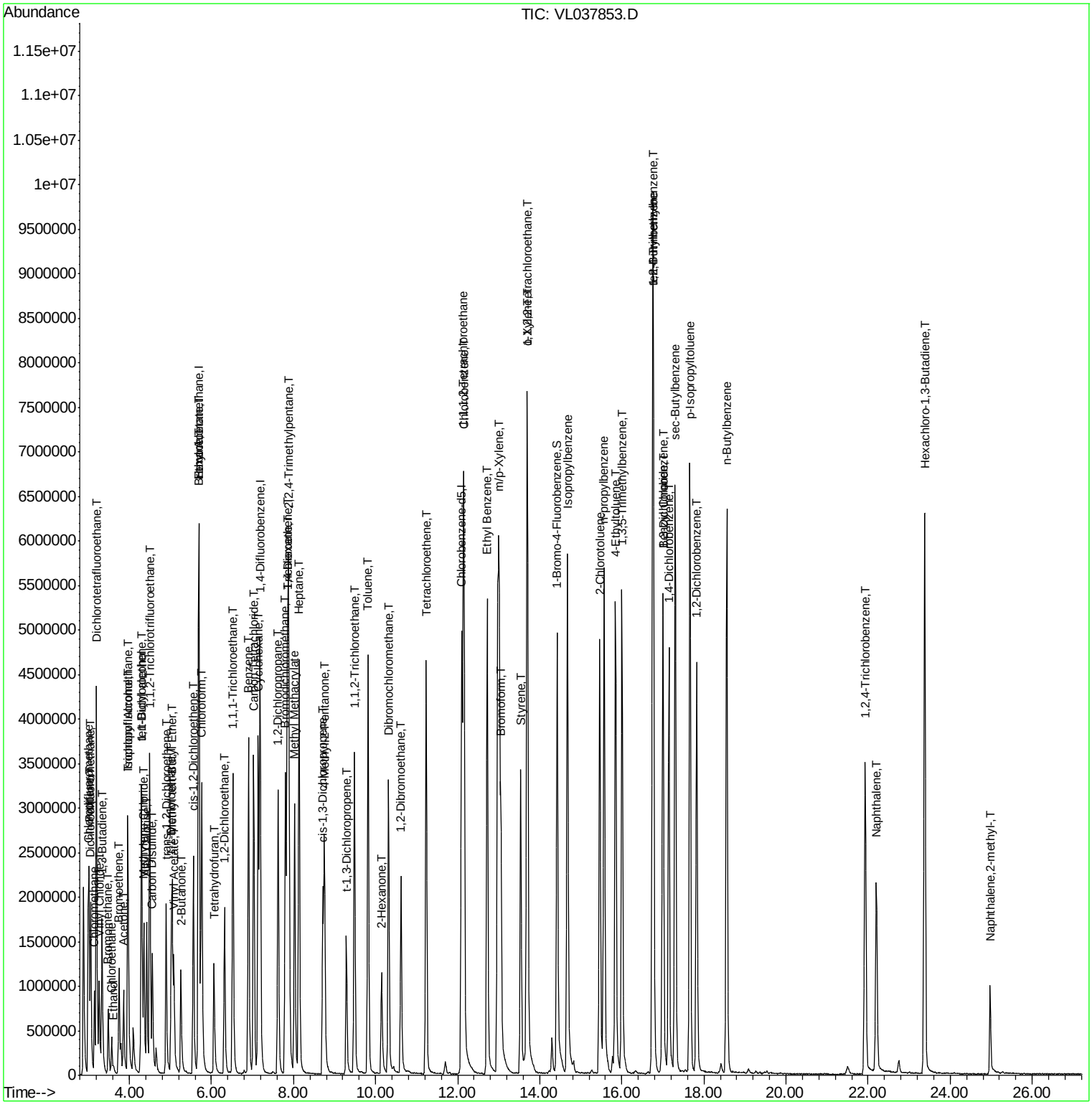
(#) = qualifier out of range (m) = manual integration (+) = signals summed

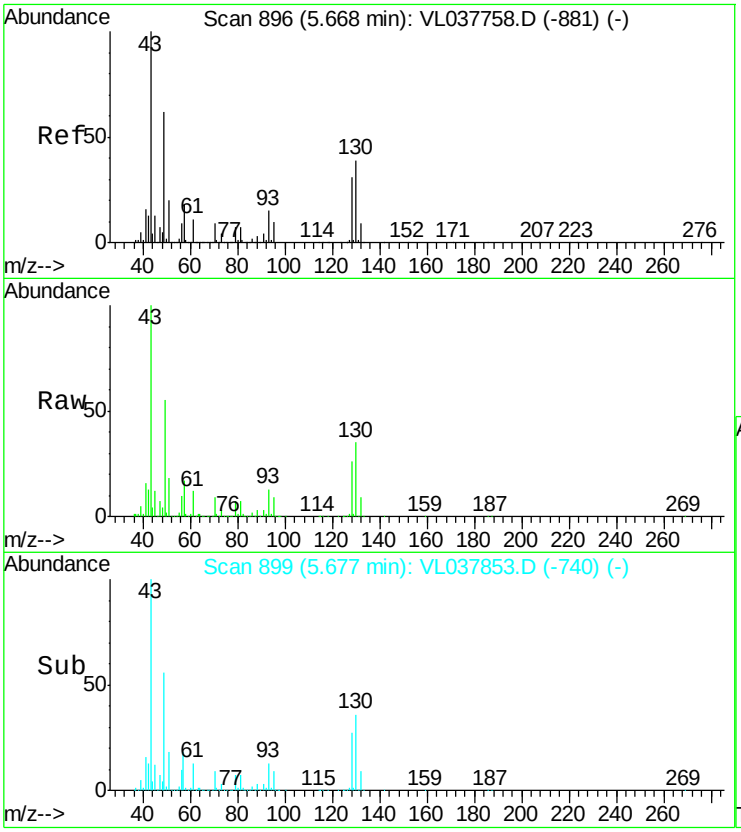
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101821\
Data File : VL037853.D
Acq On : 18 Oct 2021 14:46
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
BFB

Quant Time: Oct 19 08:32:59 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 04 17:43:54 2021
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration



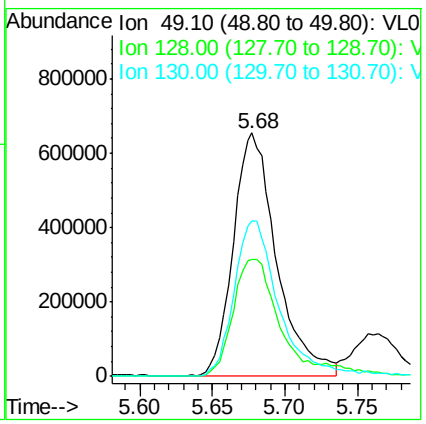


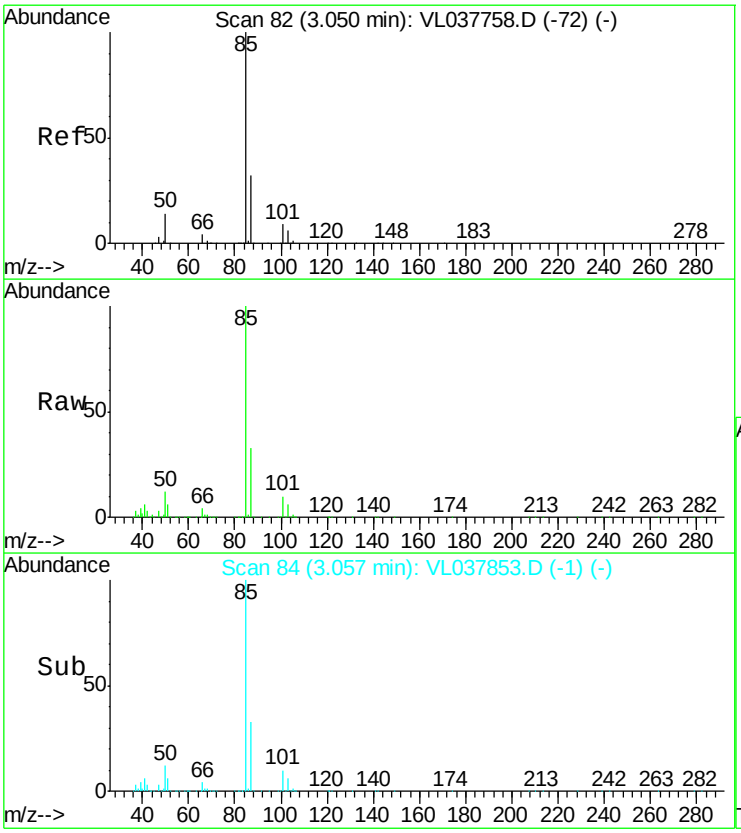
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 18 Oct 2021 14:46

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 49 Resp: 1359042

Ion	Ratio	Lower	Upper
49	100		
128	54.2	27.1	81.3
130	67.2	33.2	99.6

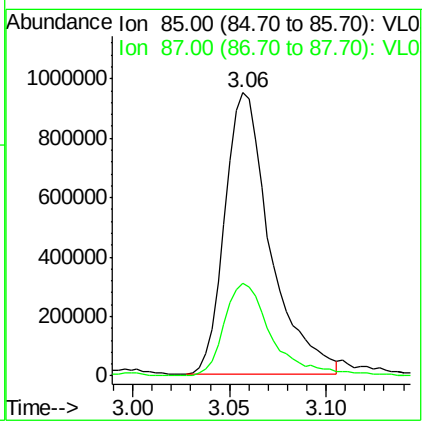


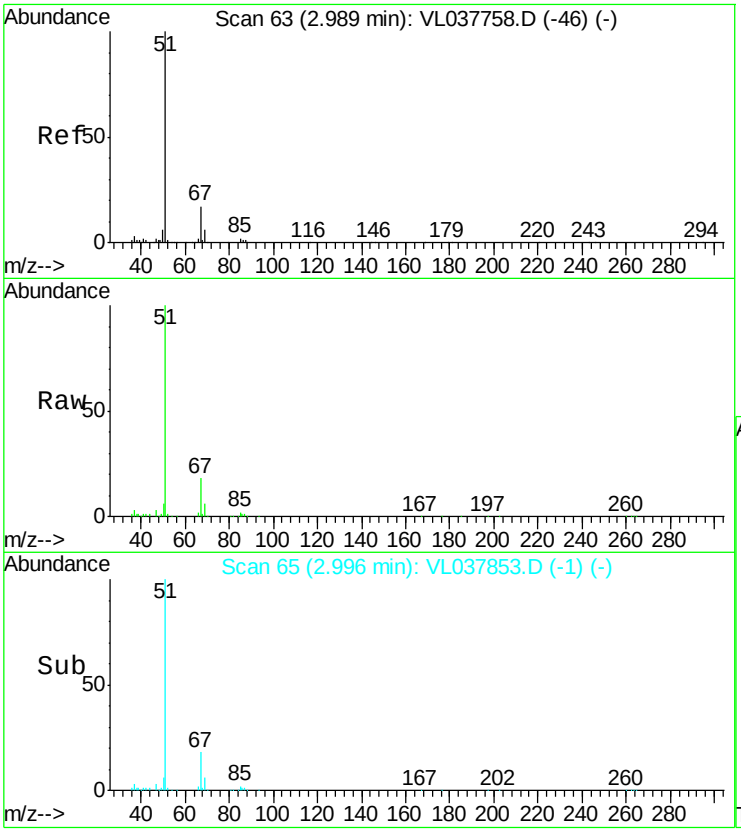


#2
Dichlorodifluoromethane
Concen: 7.157 ppbv
RT: 3.06 min Scan# 84
Delta R.T. 0.01 min
Lab File: VL037853.D
Acq: 18 Oct 2021 14:46

Tgt Ion: 85 Resp: 1553662

Ion	Ratio	Lower	Upper
85	100		
87	32.8	25.7	38.5



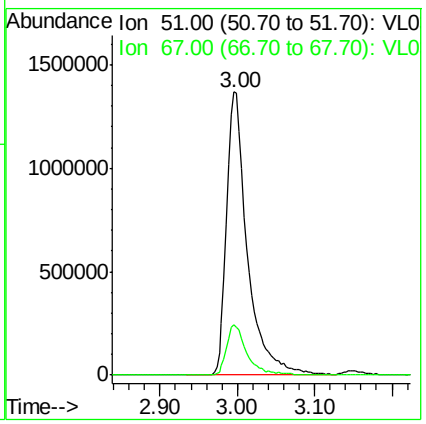


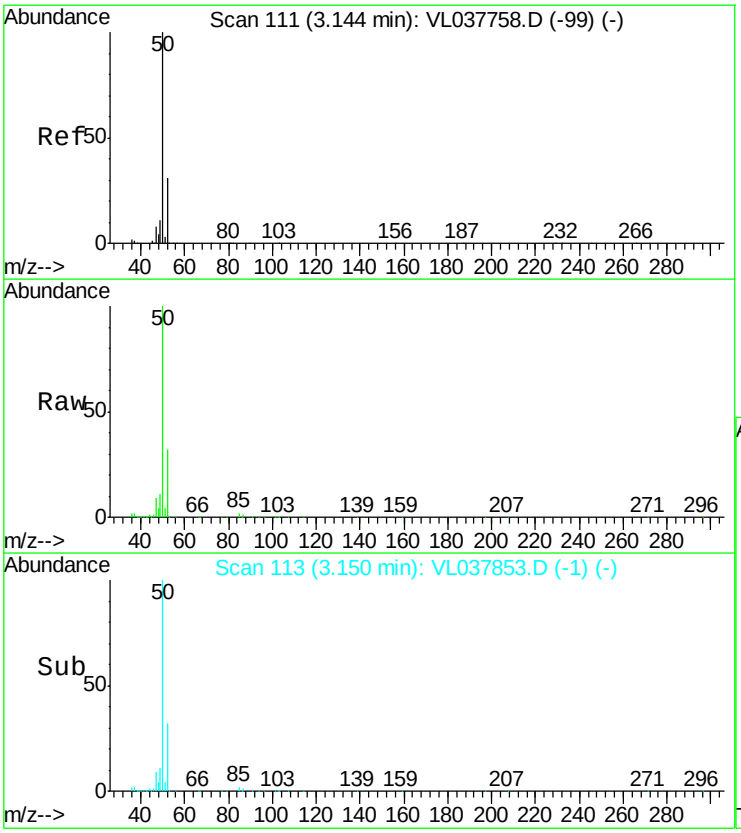
#3
Chlorodifluoromethane
Concen: 9.709 ppbv
RT: 3.00
Delta R.T
Lab File:
Acq: 18 Oct 2021 14:46

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 51 Resp: 2535396

Ion	Ratio	Lower	Upper
51	100		
67	17.4	13.5	20.3

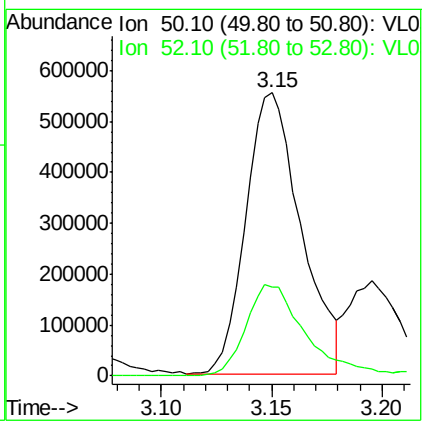


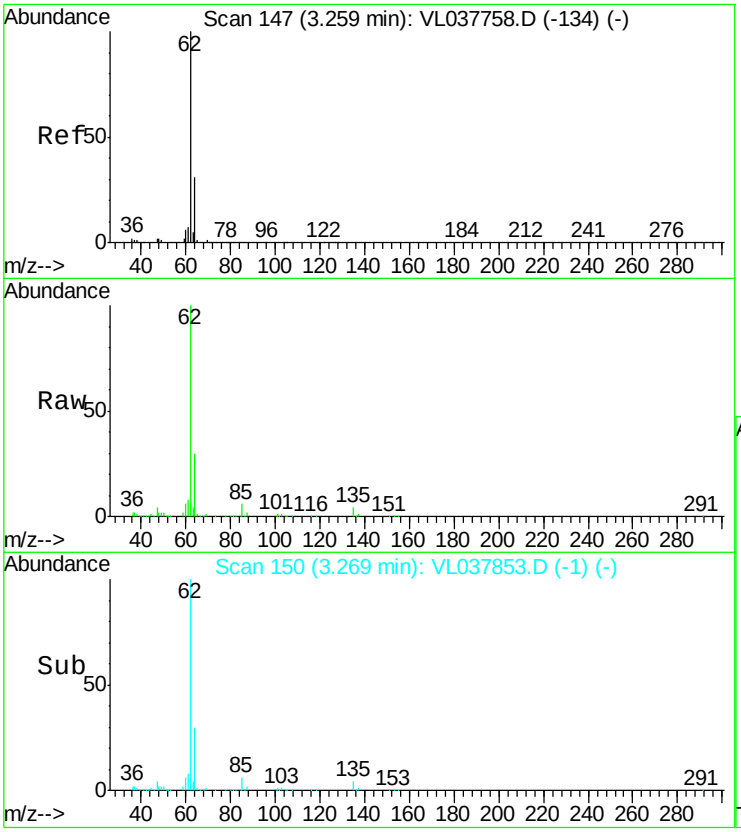


#4
Chloromethane
Concen: 10.074 ppbv
RT: 3.15 min Scan# 113
Delta R.T. 0.01 min
Lab File: VL037853.D
Acq: 18 Oct 2021 14:46

Tgt Ion: 50 Resp: 963488

Ion	Ratio	Lower	Upper
50	100		
52	31.7	24.4	36.6



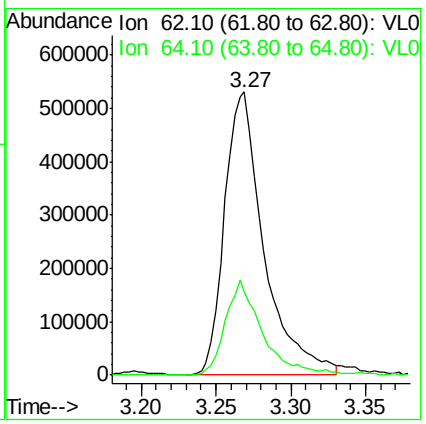


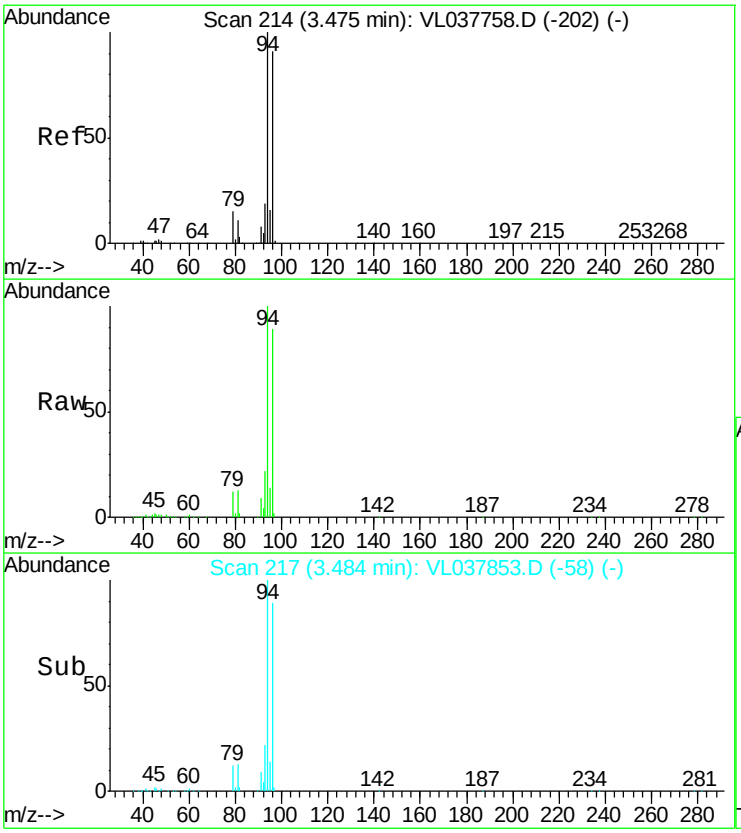
#5
Vinyl Chloride
Concen: 11.028 ppbv
RT: 3.27
Delta R.T
Lab File:
Acq: 18 Oct 2021 14:46

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 62 Resp: 966892

Ion	Ratio	Lower	Upper
62	100		
64	29.7	24.9	37.3

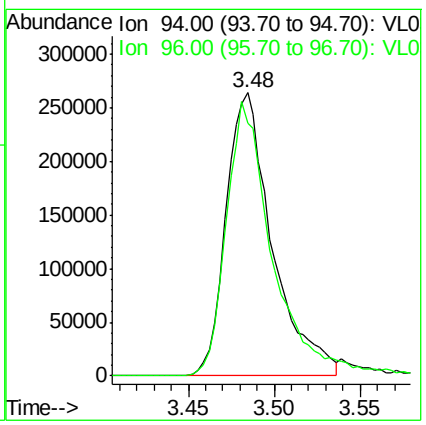


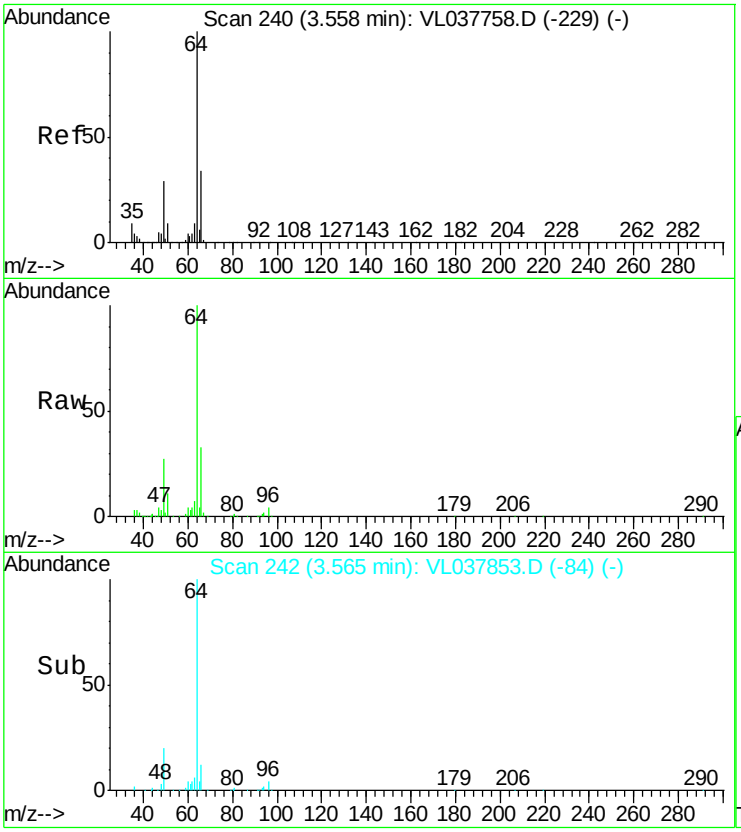


#6
Bromomethane
Concen: 10.384 ppbv
RT: 3.48 min Scan# 217
Delta R.T. 0.01 min
Lab File: VL037853.D
Acq: 18 Oct 2021 14:46

Tgt Ion: 94 Resp: 492486

Ion	Ratio	Lower	Upper
94	100		
96	89.2	72.5	108.7



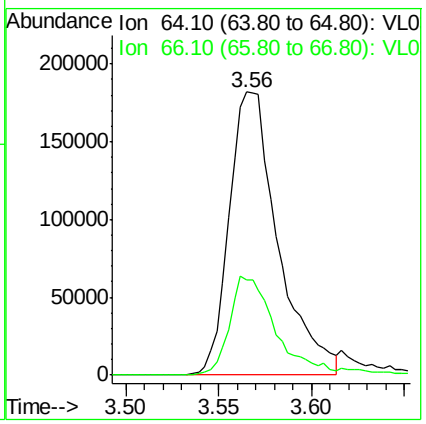


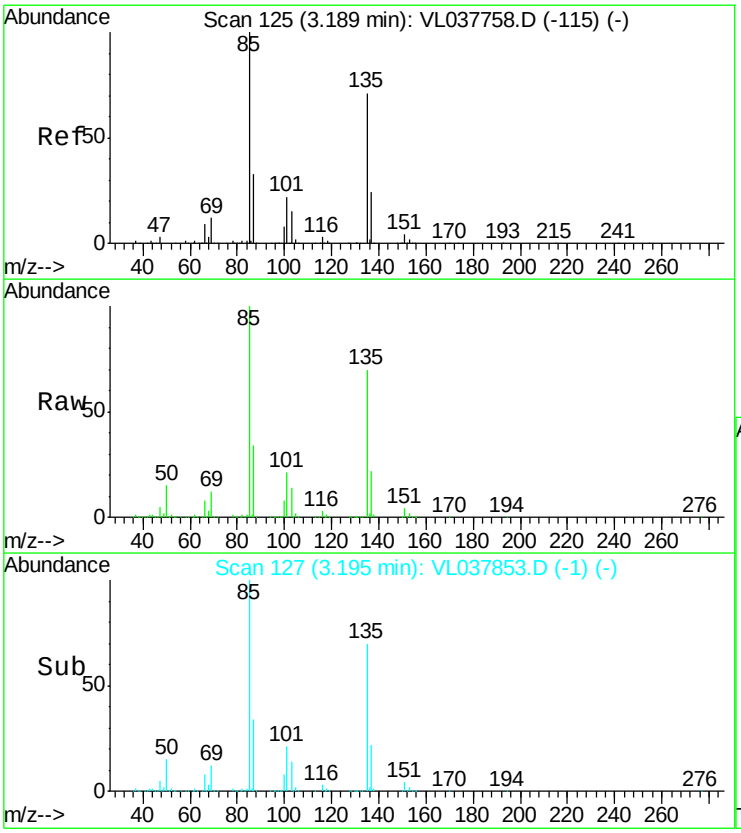
#7
Chloroethane
Concen: 10.356 ppbv
RT: 3.56
Delta R.T
Lab File:
Acq: 18 Oct 2021 14:46

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 64 Resp: 333861

Ion	Ratio	Lower	Upper
64	100		
66	33.4	27.5	41.3

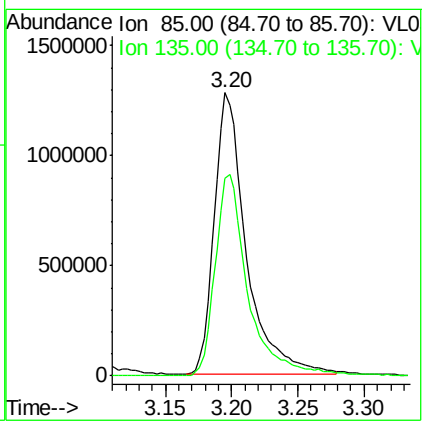


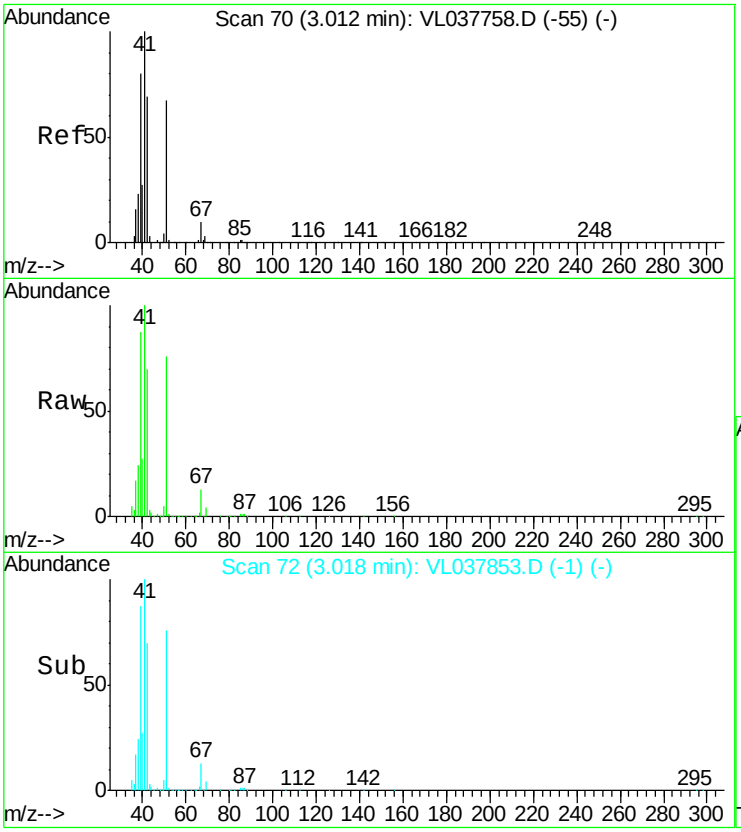


#8
Dichlorotetrafluoroethane
Concen: 10.056 ppbv
RT: 3.20 min Scan# 127
Delta R.T. 0.01 min
Lab File: VL037853.D
Acq: 18 Oct 2021 14:46

Tgt Ion: 85 Resp: 2157527

Ion	Ratio	Lower	Upper
85	100		
135	73.8	59.5	89.3



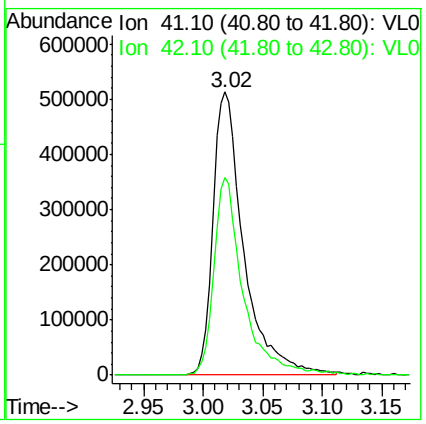


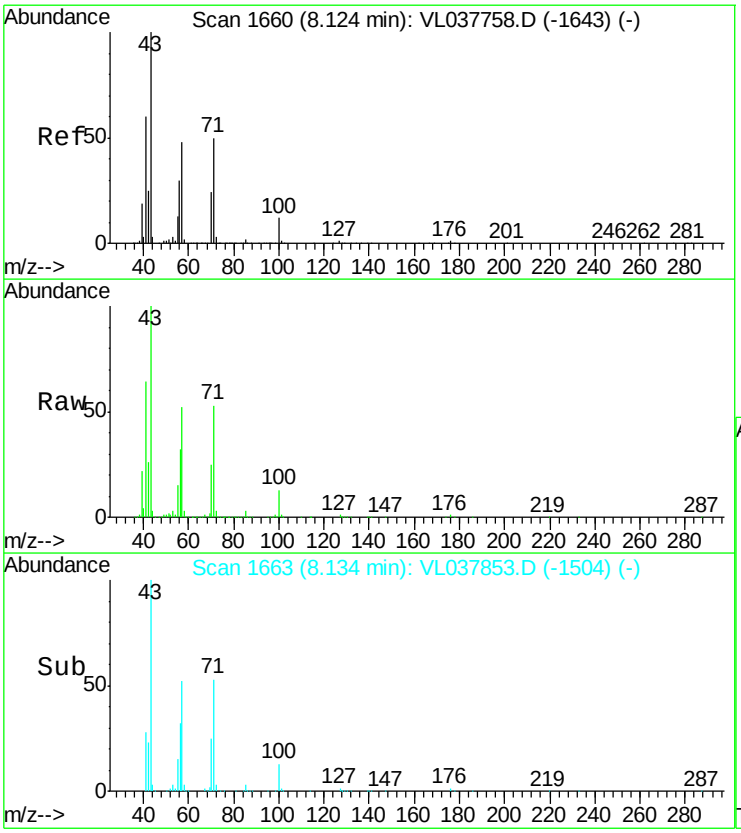
#9
Propene
Concen: 9.583 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 18 Oct 2021 14:46

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 41 Resp: 920746

Ion	Ratio	Lower	Upper
41	100		
42	66.5	54.2	81.2

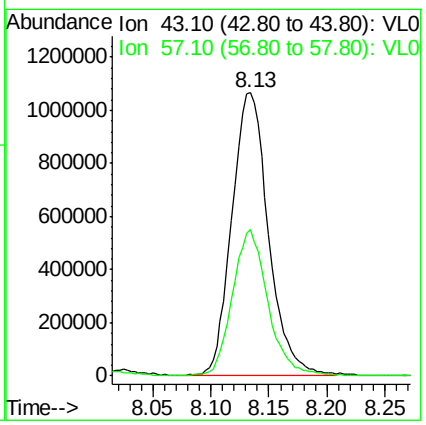


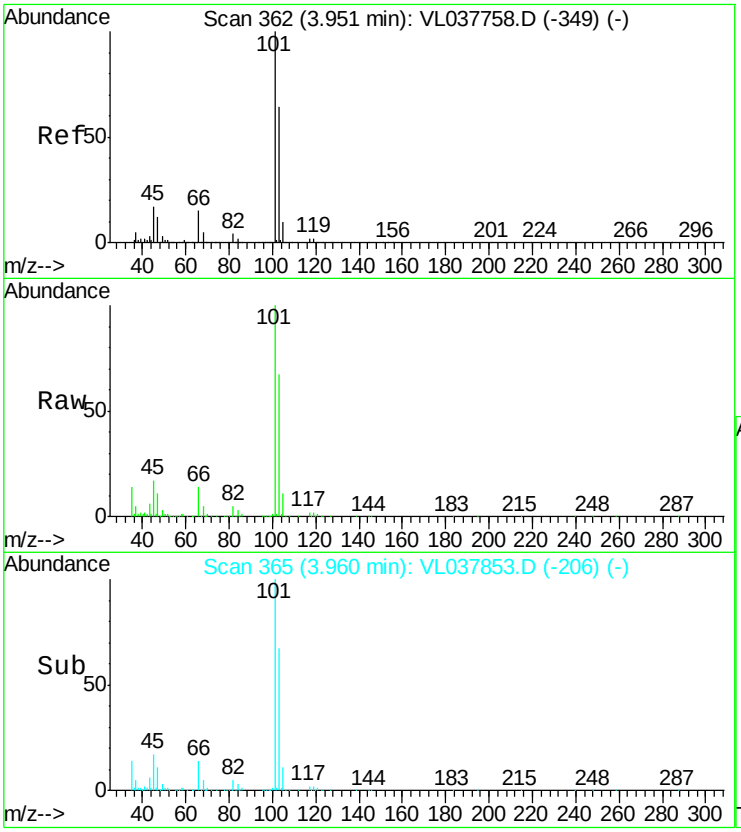


#10
Heptane
Concen: 10.642 ppbv
RT: 8.13 min Scan# 1663
Delta R.T. 0.01 min
Lab File: VL037853.D
Acq: 18 Oct 2021 14:46

Tgt Ion: 43 Resp: 2322285

Ion	Ratio	Lower	Upper
43	100		
57	50.3	40.0	60.0



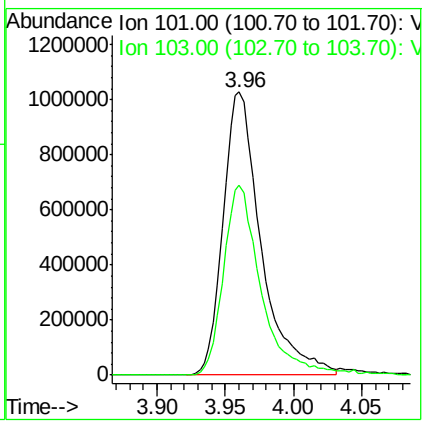


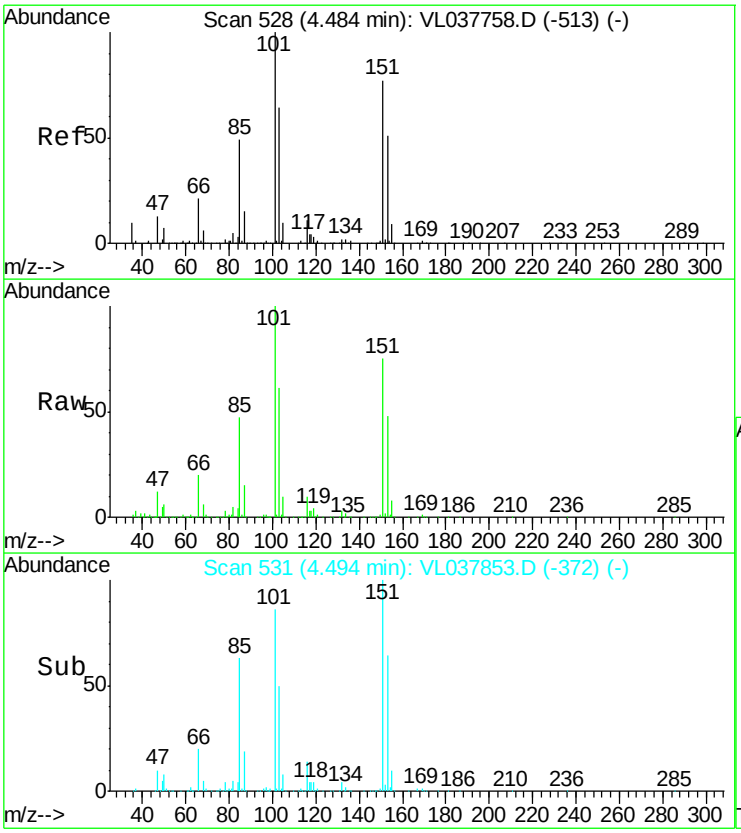
#11
Trichlorofluoromethane
Concen: 10.268 ppbv
RT: 3.96
Delta R.T
Lab File:
Acq: 18 Oct 2021 14:46

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:101 Resp: 1988606

Ion	Ratio	Lower	Upper
101	100		
103	67.2	51.5	77.3

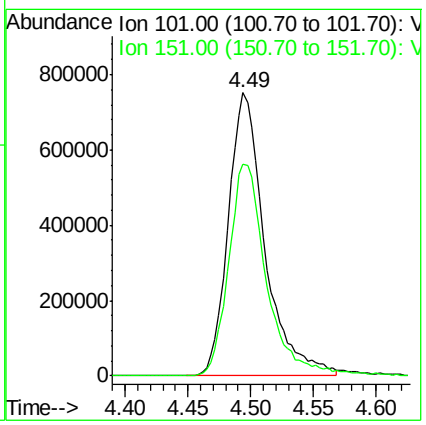


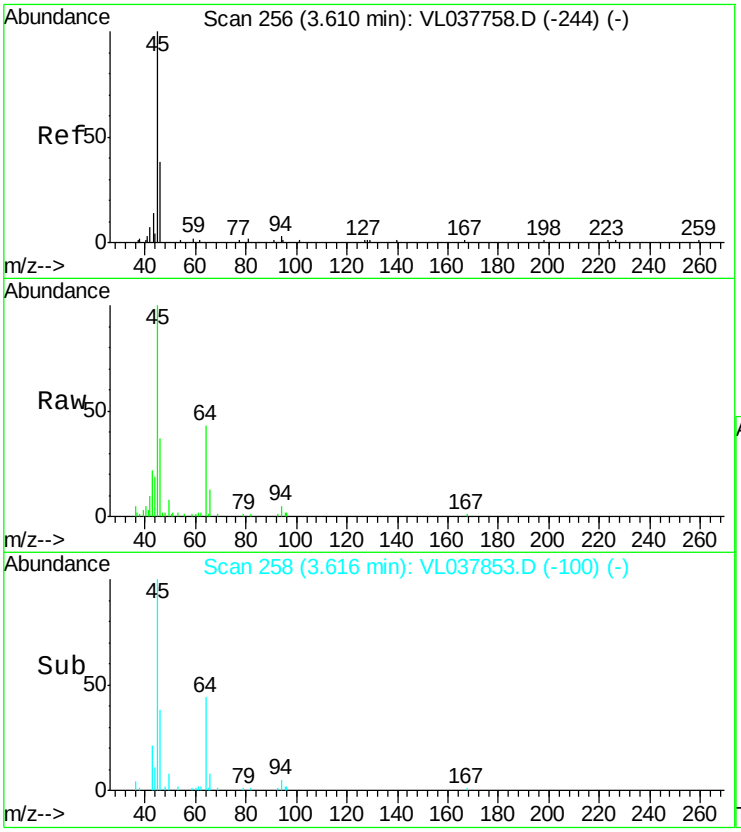


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.374 ppbv
RT: 4.49 min Scan# 531
Delta R.T. 0.01 min
Lab File: VL037853.D
Acq: 18 Oct 2021 14:46

Tgt Ion:101 Resp: 1522388

Ion	Ratio	Lower	Upper
101	100		
151	78.2	62.9	94.3



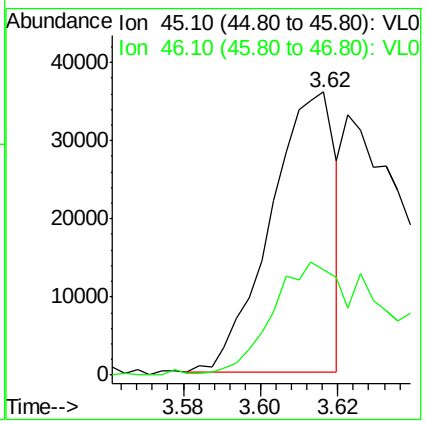


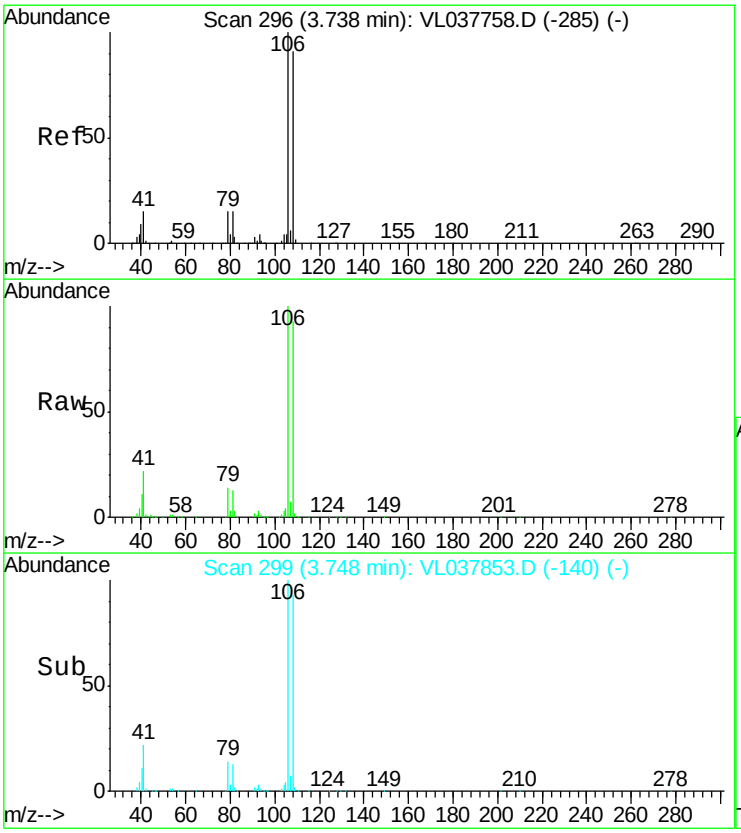
#13
Ethanol
Concen: 5.309 ppbv
RT: 3.62
Delta R.T
Lab File:
Acq: 18 Oct 2021 14:46

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 45 Resp: 41720

Ion	Ratio	Lower	Upper
45	100		
46	93.9	20.2	81.0#

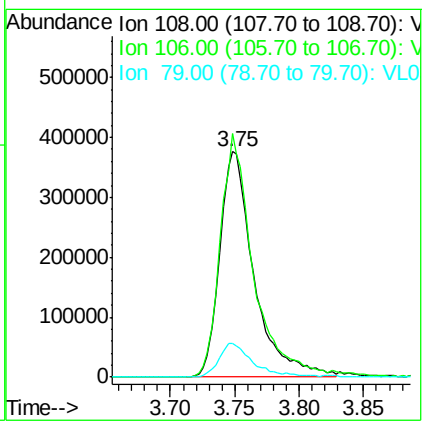


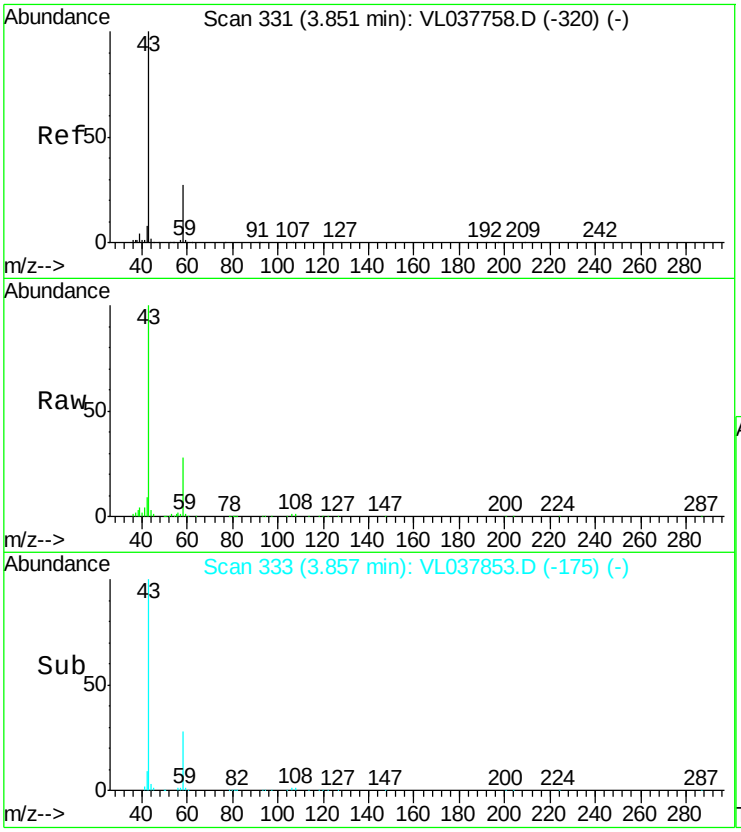


#14
Bromoethene
Concen: 10.785 ppbv
RT: 3.75 min Scan# 299
Delta R.T. 0.01 min
Lab File: VL037853.D
Acq: 18 Oct 2021 14:46

Tgt Ion:108 Resp: 695848

Ion	Ratio	Lower	Upper
108	100		
106	106.4	91.9	137.9
79	15.5	13.9	20.9



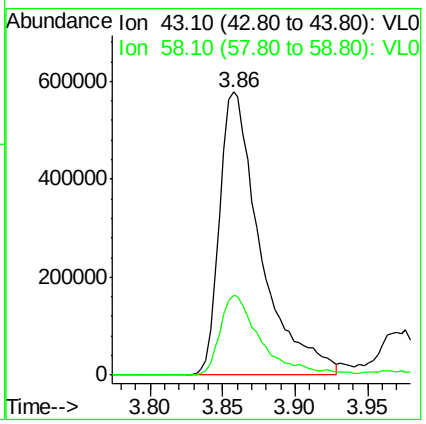


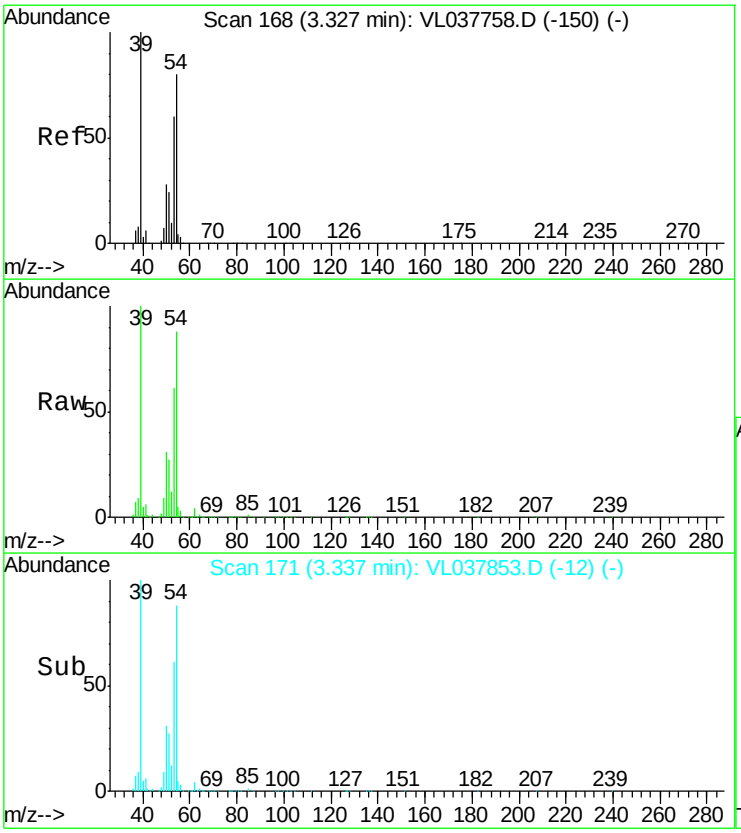
#15
Acetone
Concen: 9.317 ppbv
RT: 3.86
Delta R.T
Lab File:
Acq: 18 Oct 2021 14:46

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 43 Resp: 1136665

Ion	Ratio	Lower	Upper
43	100		
58	28.3	23.0	34.6

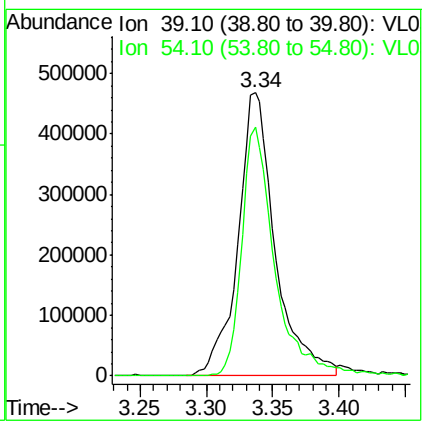


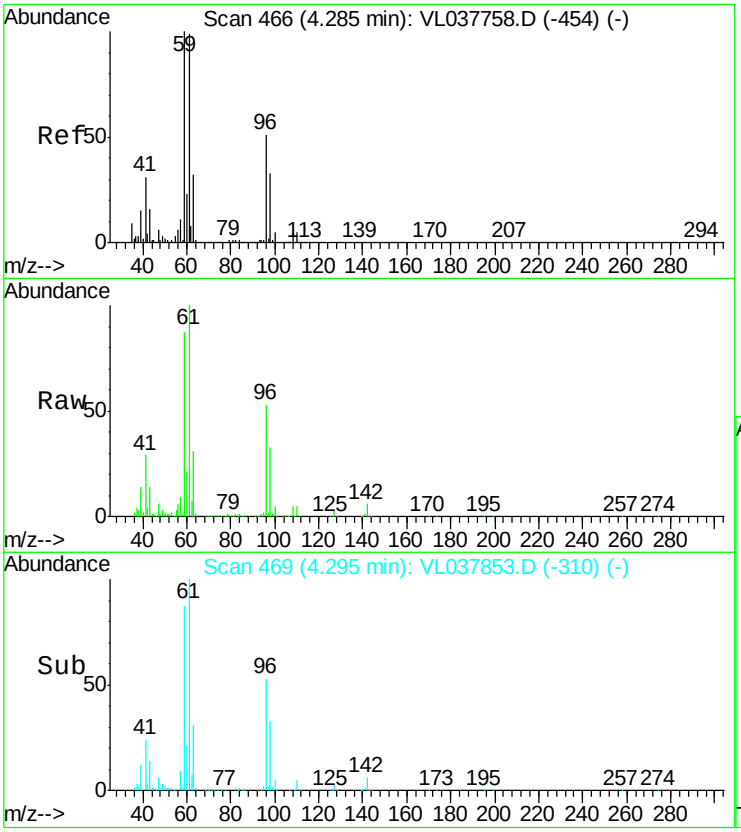


#16
1,3-Butadiene
Concen: 10.299 ppbv
RT: 3.34 min Scan# 171
Delta R.T. 0.01 min
Lab File: VL037853.D
Acq: 18 Oct 2021 14:46

Tgt Ion: 39 Resp: 914220

Ion	Ratio	Lower	Upper
39	100		
54	79.3	61.7	92.5



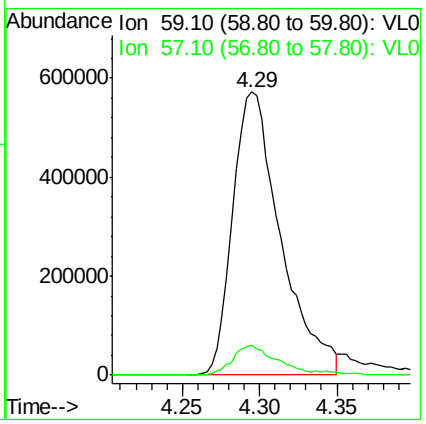


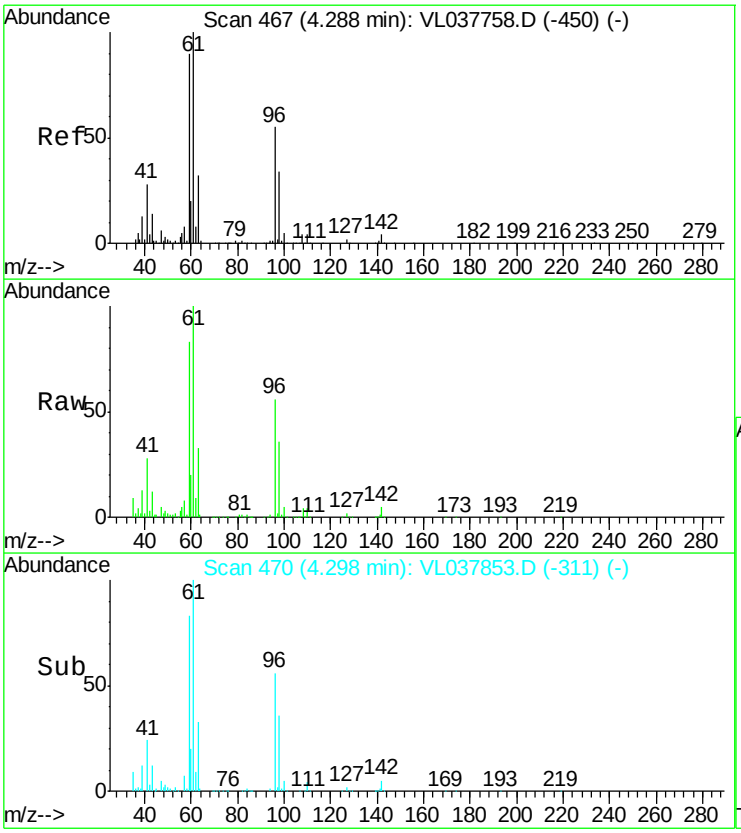
#17
tert-Butyl alcohol
Concen: 9.822 ppbv
RT: 4.29
Delta R.T
Lab File:
Acq: 18 Oct 2021 14:46

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 59 Resp: 1234101

Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.6	13.0

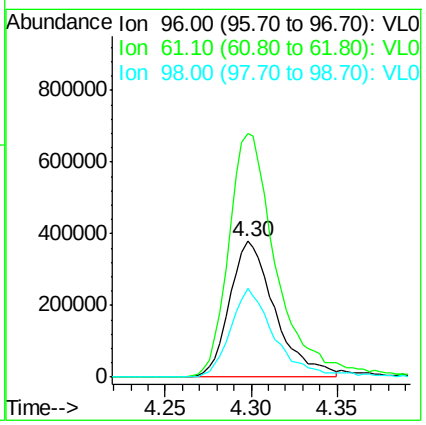


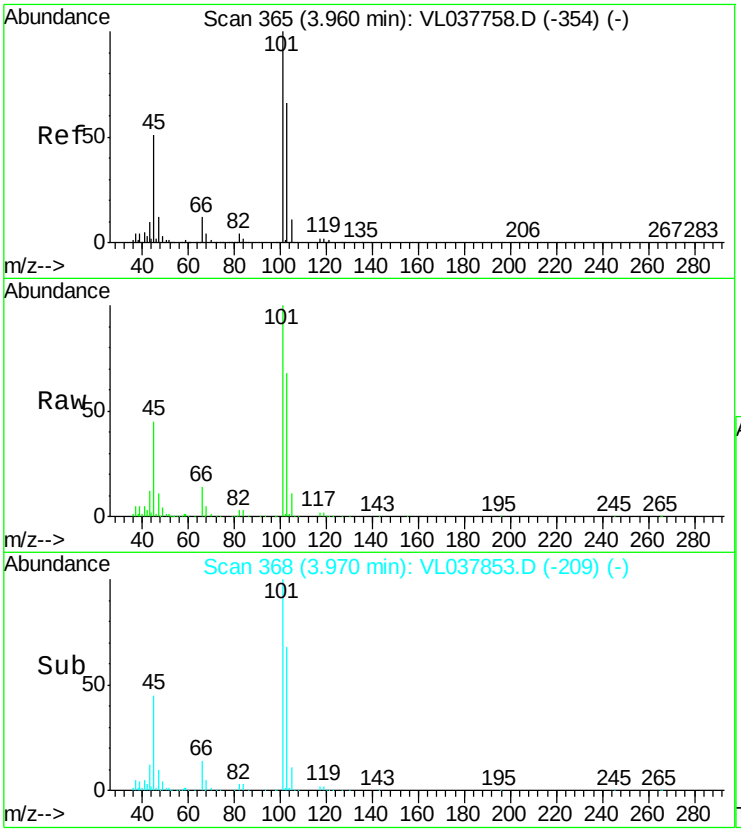


#18
1,1-Dichloroethene
Concen: 10.430 ppbv
RT: 4.30 min Scan# 470
Delta R.T. 0.01 min
Lab File: VL037853.D
Acq: 18 Oct 2021 14:46

Tgt Ion: 96 Resp: 695536

Ion	Ratio	Lower	Upper
96	100		
61	178.7	146.2	219.4
98	65.1	50.0	75.0



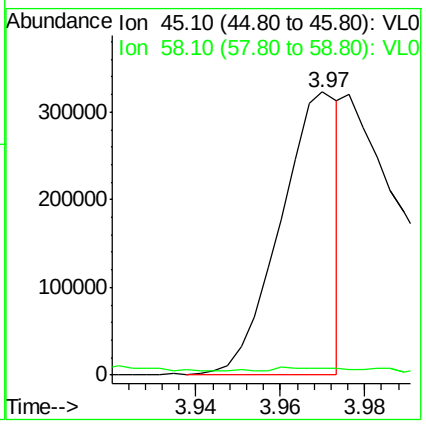


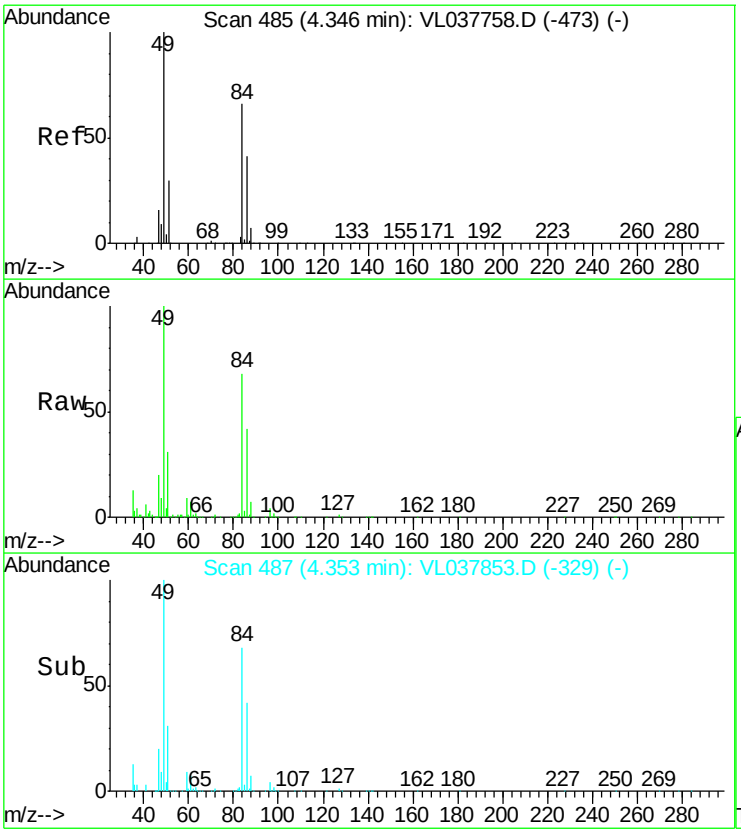
#19
Isopropyl Alcohol
Concen: 4.075 ppbv
RT: 3.97
Delta R.T
Lab File:
Acq: 18 Oct 2021 14:46

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 45 Resp: 309258

Ion	Ratio	Lower	Upper
45	100		
58	7.5	1.1	1.7#

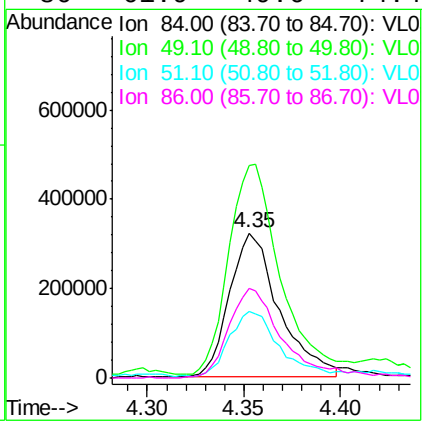


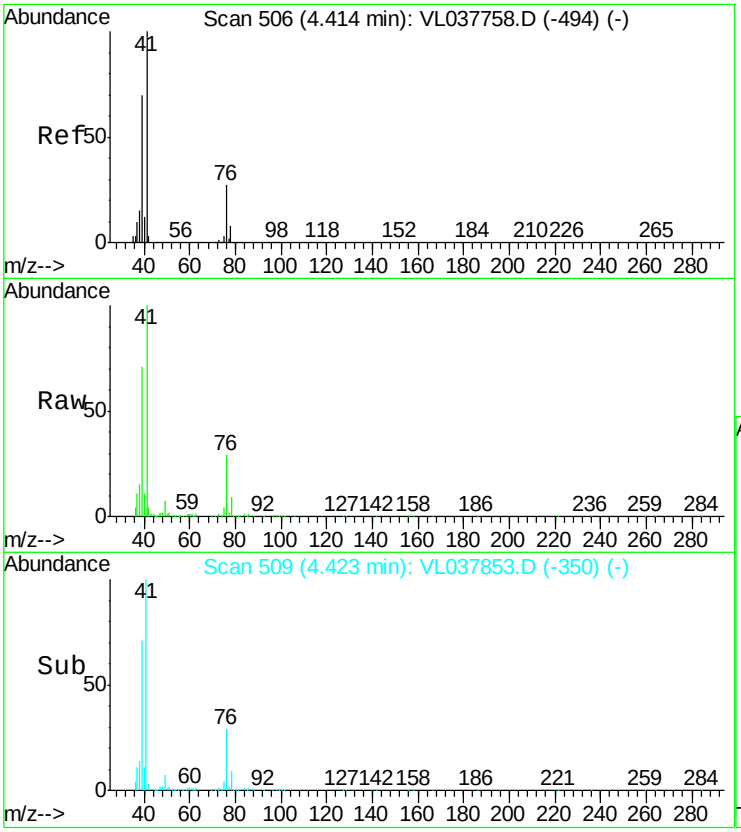


#20
Methylene Chloride
Concen: 9.388 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.01 min
Lab File: VL037853.D
Acq: 18 Oct 2021 14:46

Tgt Ion: 84 Resp: 578710

Ion	Ratio	Lower	Upper
84	100		
49	145.1	120.7	181.1
51	44.7	36.2	54.4
86	61.9	49.6	74.4



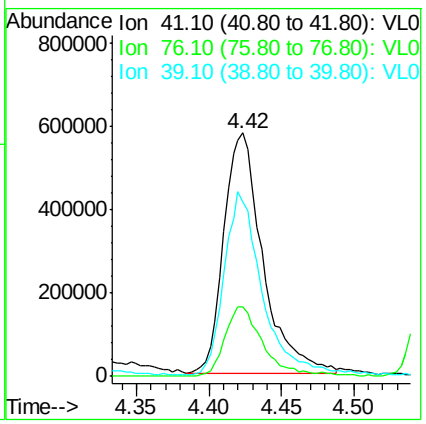


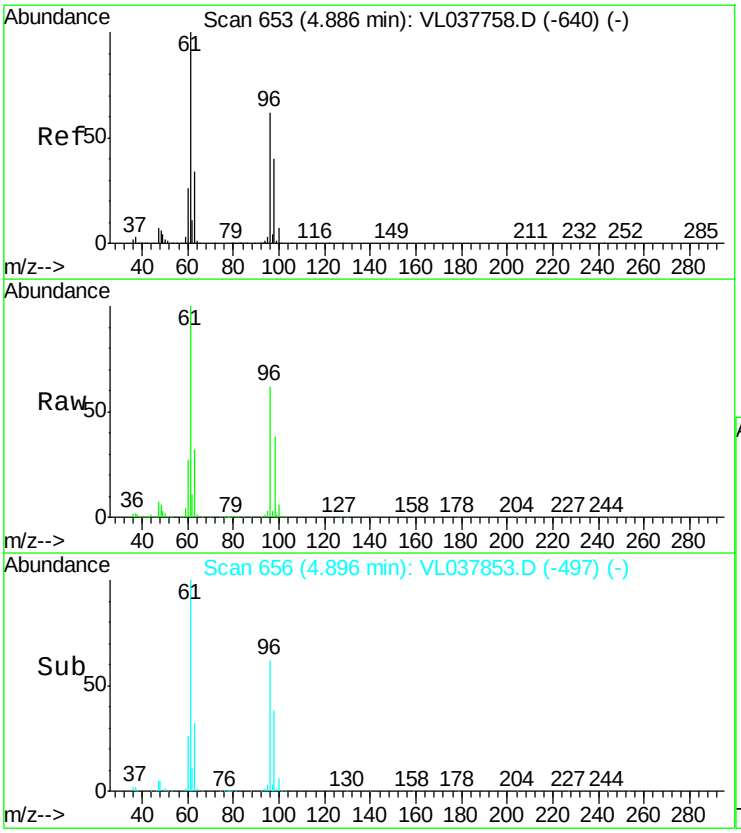
#21
Allyl Chloride
Concen: 10.003 ppbv
RT: 4.42
Delta R.T
Lab File:
Acq: 18 Oct 2021 14:46

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 41 Resp: 1081185

Ion	Ratio	Lower	Upper
41	100		
76	28.7	22.4	33.6
39	75.5	58.0	87.0

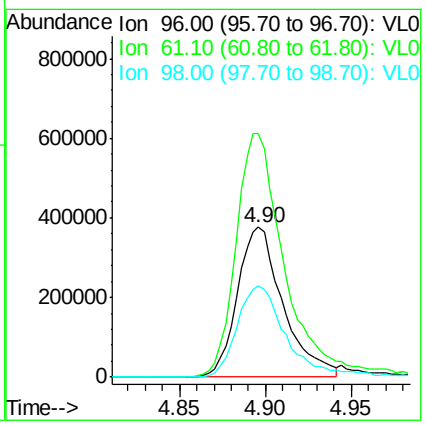


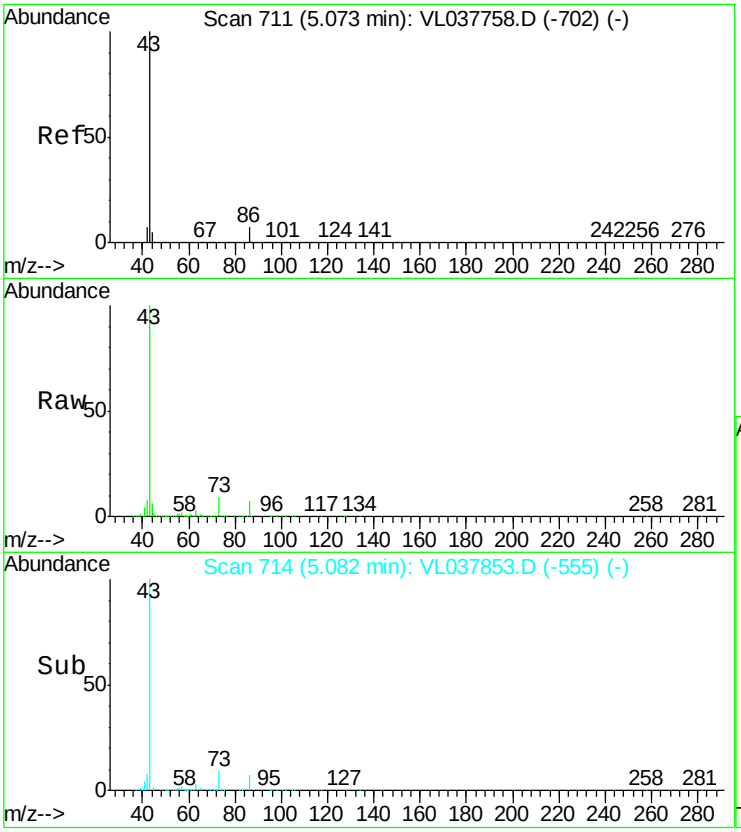


#22
trans-1,2-Dichloroethene
Concen: 10.382 ppbv
RT: 4.90 min Scan# 656
Delta R.T. 0.01 min
Lab File: VL037853.D
Acq: 18 Oct 2021 14:46

Tgt Ion: 96 Resp: 696065

Ion	Ratio	Lower	Upper
96	100		
61	162.1	129.0	193.6
98	60.9	51.7	77.5



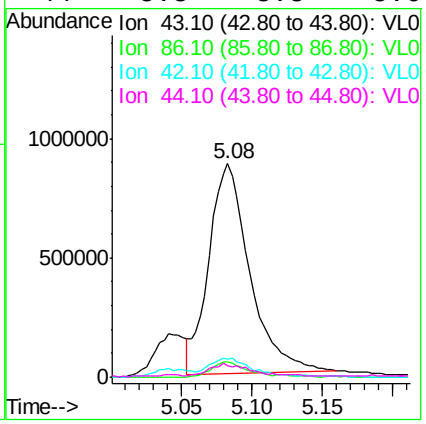


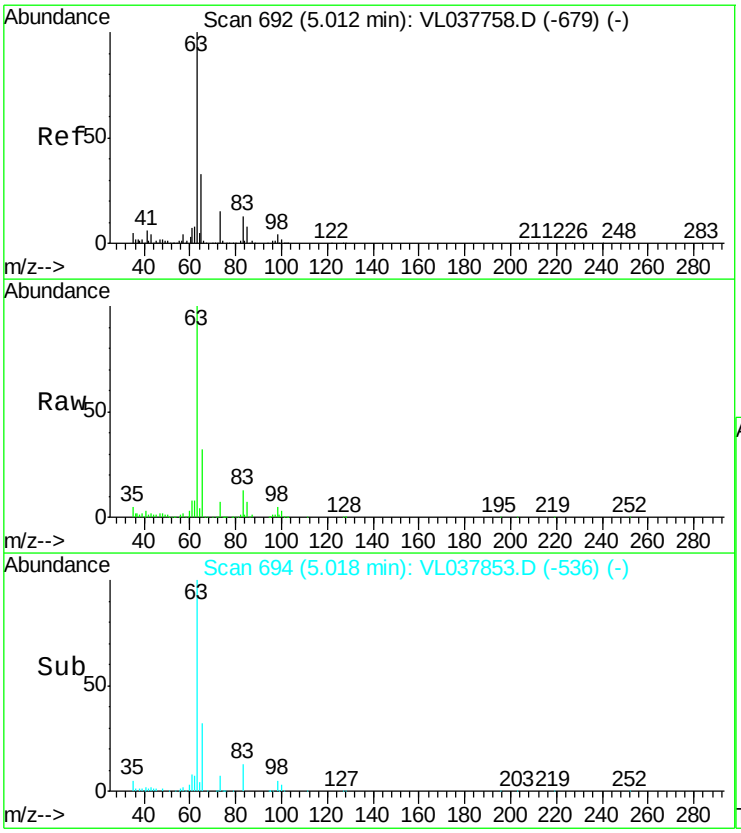
#23
Vinyl Acetate
Concen: 9.771 ppbv
RT: 5.08
Delta R.T
Lab File:
Acq: 18 Oct 2021 14:46

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 43 Resp: 1786389

Ion	Ratio	Lower	Upper
43	100		
86	6.9	5.0	7.4
42	8.3	7.4	11.0
44	5.3	3.8	5.6

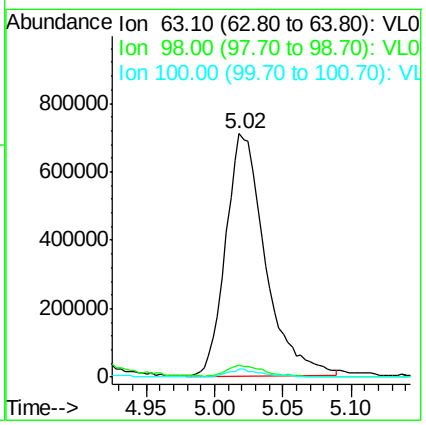


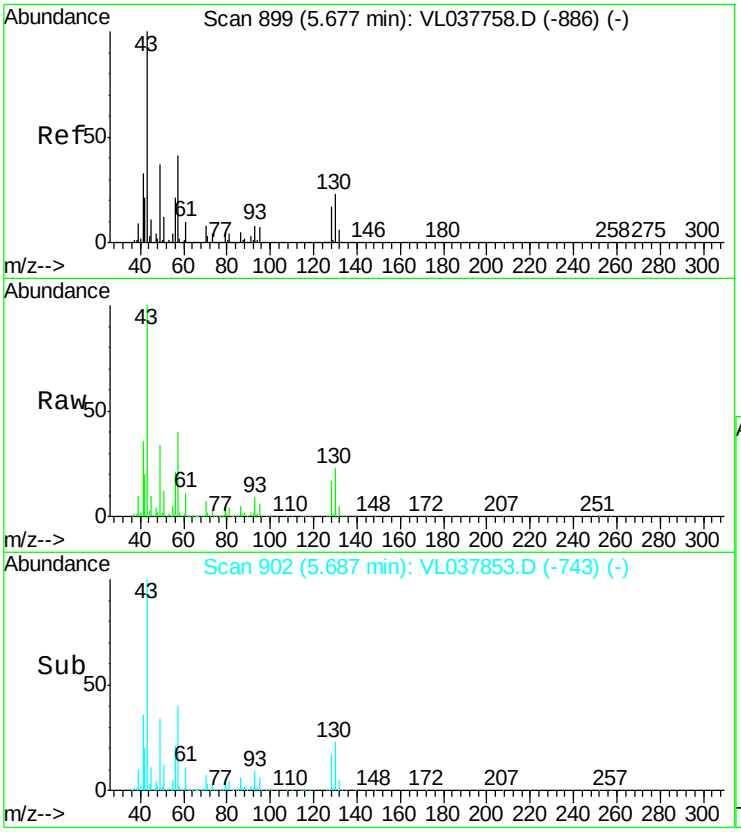


#24
1,1-Dichloroethane
Concen: 10.753 ppbv
RT: 5.02 min Scan# 694
Delta R.T. 0.01 min
Lab File: VL037853.D
Acq: 18 Oct 2021 14:46

Tgt Ion: 63 Resp: 1431122

Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.3	6.9
100	3.1	1.1	3.1



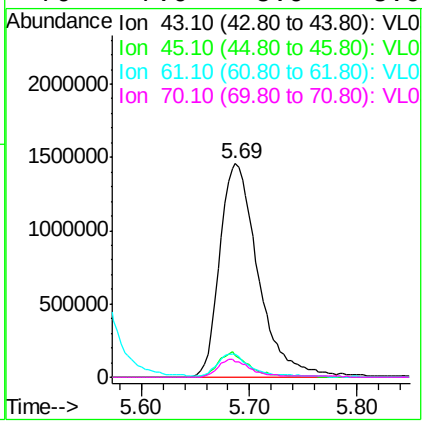


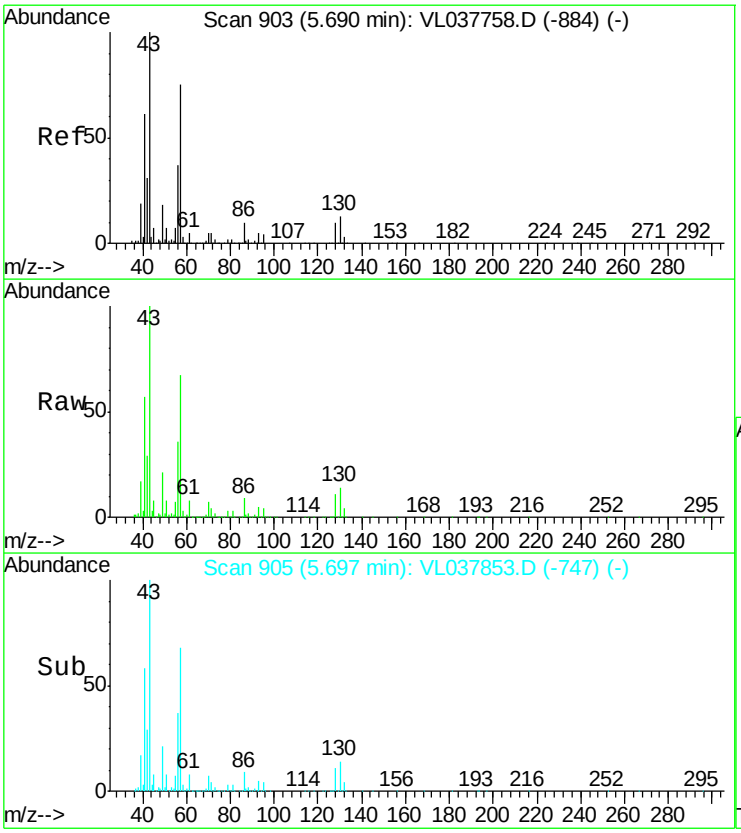
#25
Ethyl Acetate
Concen: 10.517 ppbv
RT: 5.69
Delta R.T
Lab File:
Acq: 18 Oct 2021 14:46

Instrument : MSVOA_L
ClientSampleId : BFB

Tgt Ion: 43 Resp: 3600565

Ion	Ratio	Lower	Upper
43	100		
45	9.9	8.1	12.1
61	9.9	7.5	11.3
70	7.0	5.9	8.9

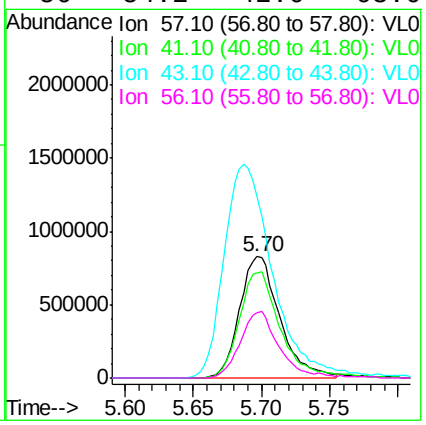


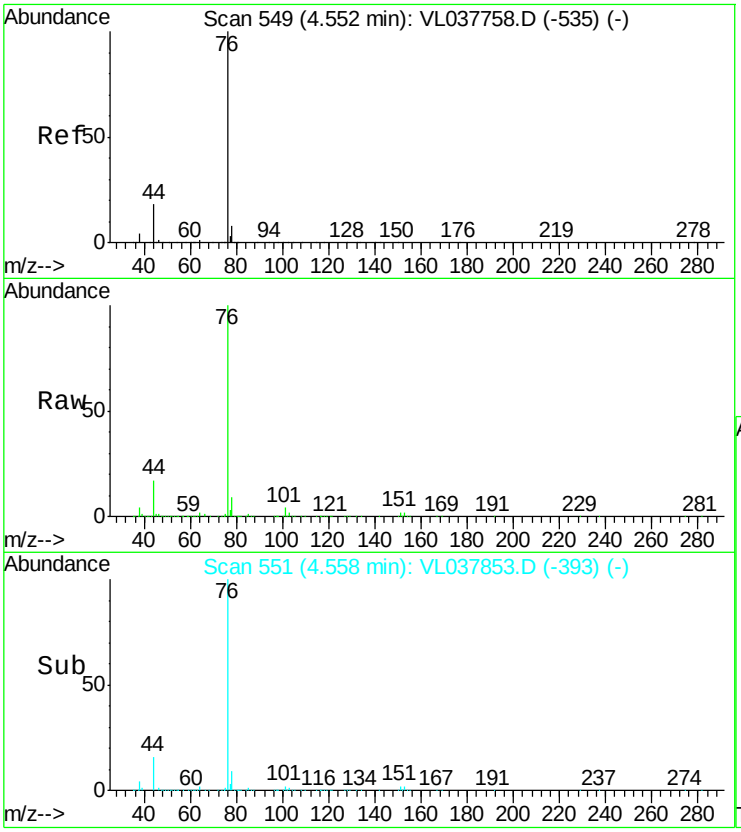


#26
Hexane
Concen: 10.041 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.01 min
Lab File: VL037853.D
Acq: 18 Oct 2021 14:46

Tgt Ion: 57 Resp: 1692627

Ion	Ratio	Lower	Upper
57	100		
41	89.9	69.6	104.4
43	214.9	171.4	257.0
56	54.2	42.0	63.0



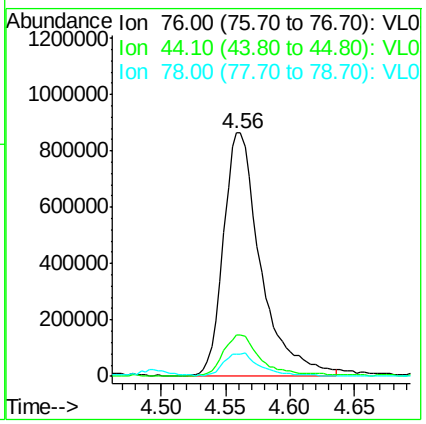


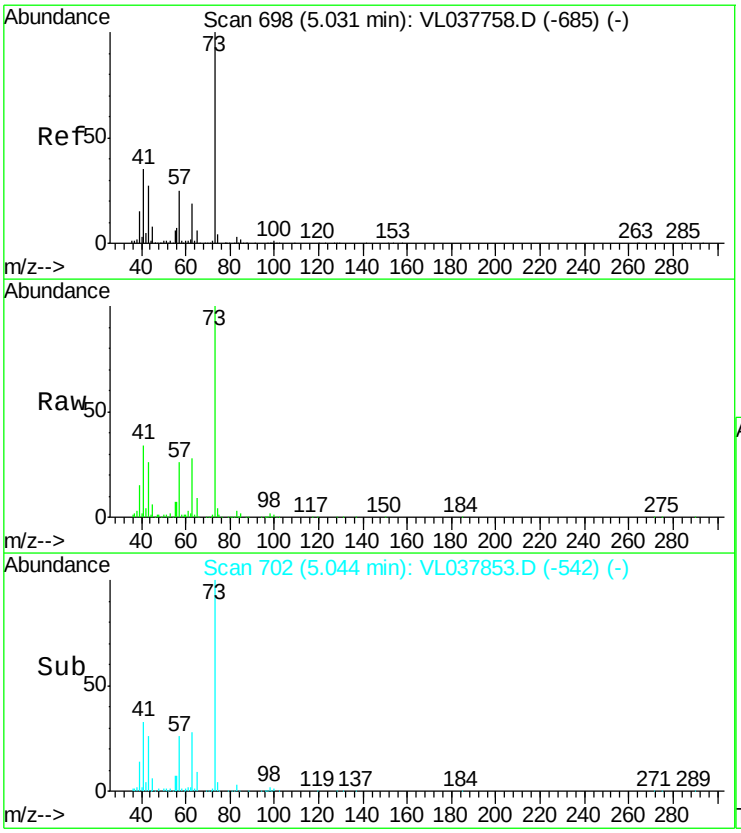
#27
Carbon Disulfide
Concen: 11.523 ppbv
RT: 4.56
Delta R.T
Lab File:
Acq: 18 Oct 2021 14:46

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 76 Resp: 1721459

Ion	Ratio	Lower	Upper
76	100		
44	17.0	14.3	21.5
78	9.9	7.8	11.6

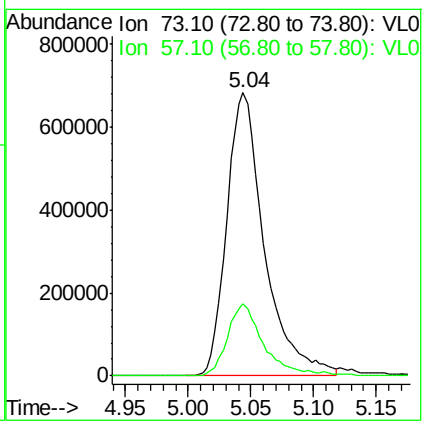


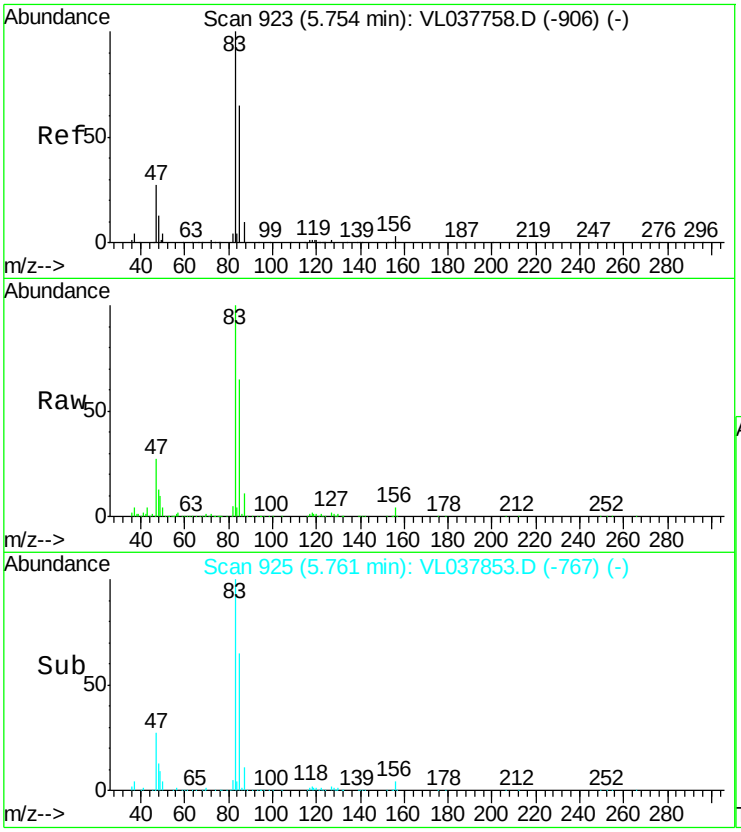


#28
Methyl tert-Butyl Ether
Concen: 10.133 ppbv
RT: 5.04 min Scan# 702
Delta R.T. 0.01 min
Lab File: VL037853.D
Acq: 18 Oct 2021 14:46

Tgt Ion: 73 Resp: 1422246

Ion	Ratio	Lower	Upper
73	100		
57	25.0	20.4	30.6



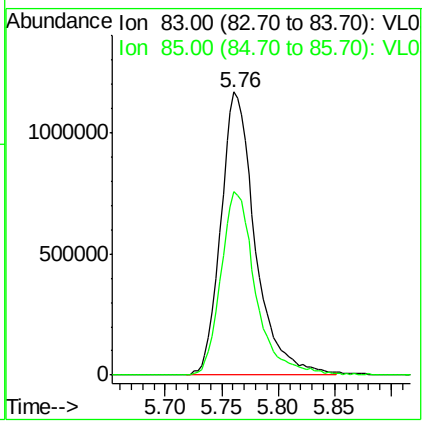


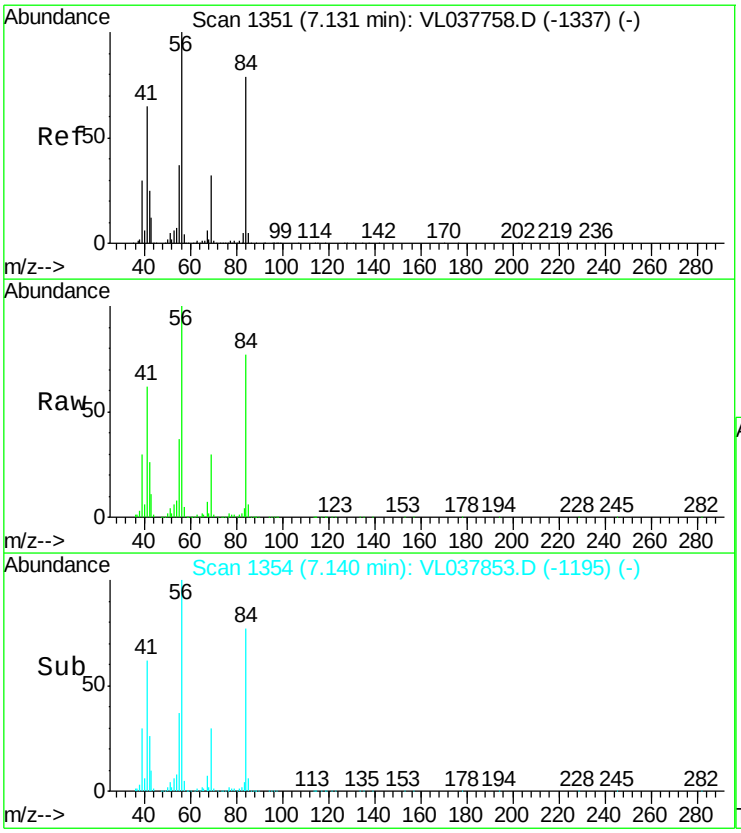
#29
Chloroform
Concen: 10.228 ppbv
RT: 5.76
Delta R.T
Lab File:
Acq: 18 Oct 2021 14:46

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 83 Resp: 2464506

Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.8	77.8

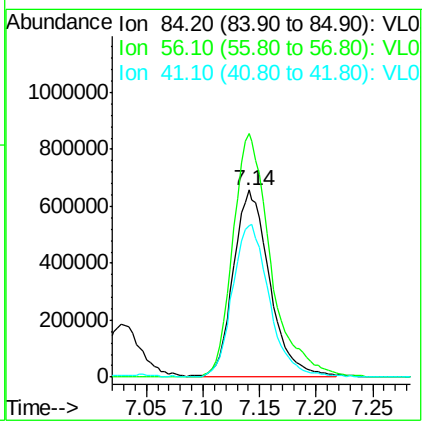


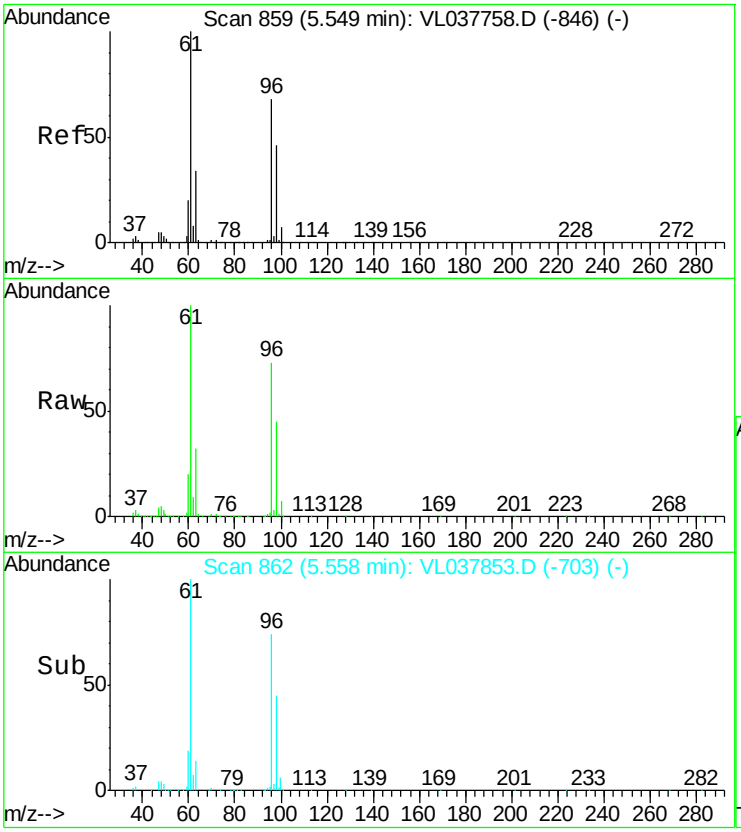


#30
Cyclohexane
Concen: 10.150 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. 0.01 min
Lab File: VL037853.D
Acq: 18 Oct 2021 14:46

Tgt Ion: 84 Resp: 1450915

Ion	Ratio	Lower	Upper
84	100		
56	137.8	113.0	169.4
41	83.6	69.1	103.7



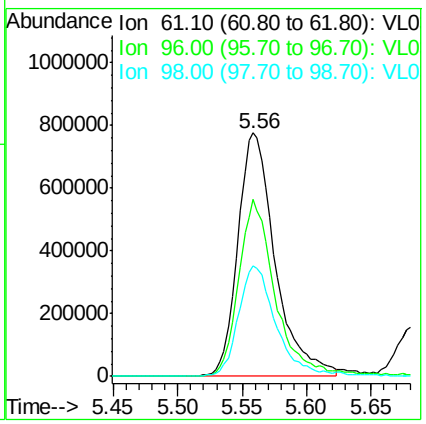


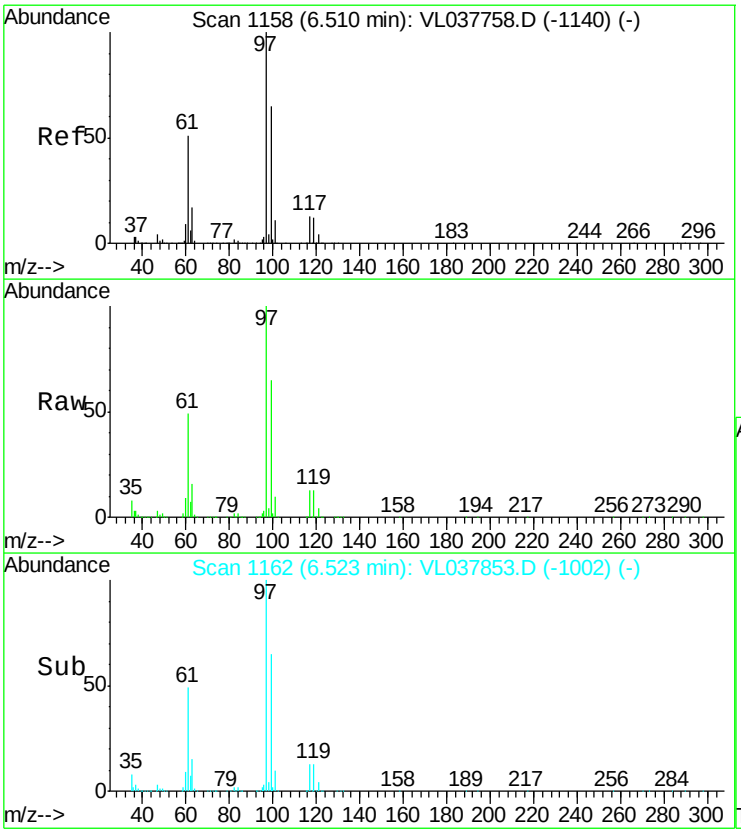
#31
cis-1,2-Dichloroethene
Concen: 10.220 ppbv
RT: 5.56
Delta R.T
Lab File:
Acq: 18 Oct 2021 14:46

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 61 Resp: 1564013

Ion	Ratio	Lower	Upper
61	100		
96	72.5	54.2	81.2
98	45.3	36.6	54.8

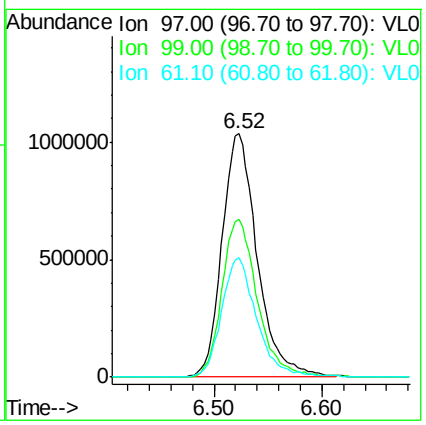


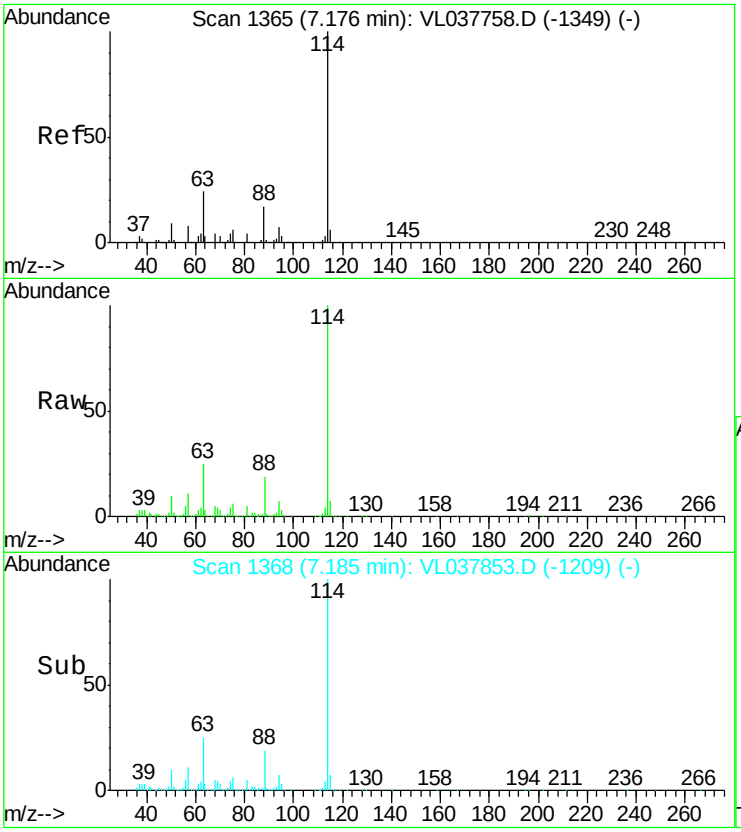


#32
1,1,1-Trichloroethane
Concen: 10.306 ppbv
RT: 6.52 min Scan# 1162
Delta R.T. 0.01 min
Lab File: VL037853.D
Acq: 18 Oct 2021 14:46

Tgt Ion: 97 Resp: 2354441

Ion	Ratio	Lower	Upper
97	100		
99	65.4	52.6	78.8
61	49.1	40.2	60.4



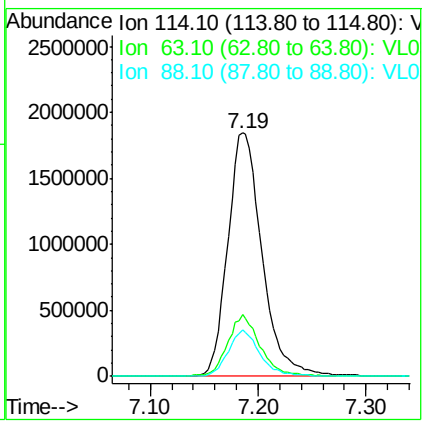


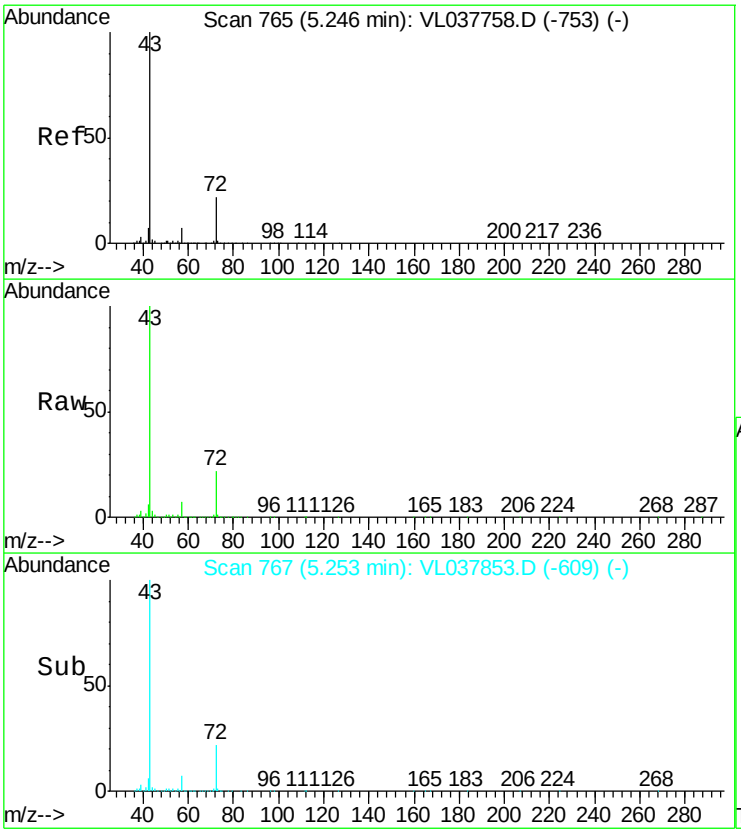
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19
Delta R.T
Lab File:
Acq: 18 Oct 2021 14:46

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:114 Resp: 4074546

Ion	Ratio	Lower	Upper
114	100		
63	24.2	19.4	29.2
88	17.9	14.4	21.6

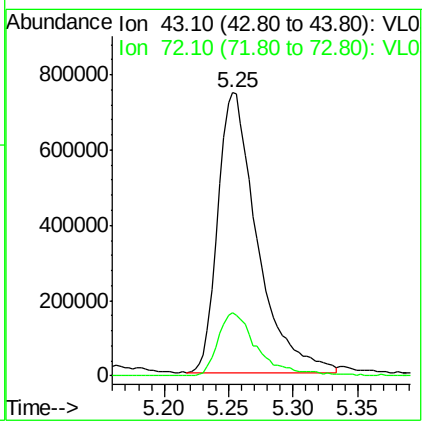


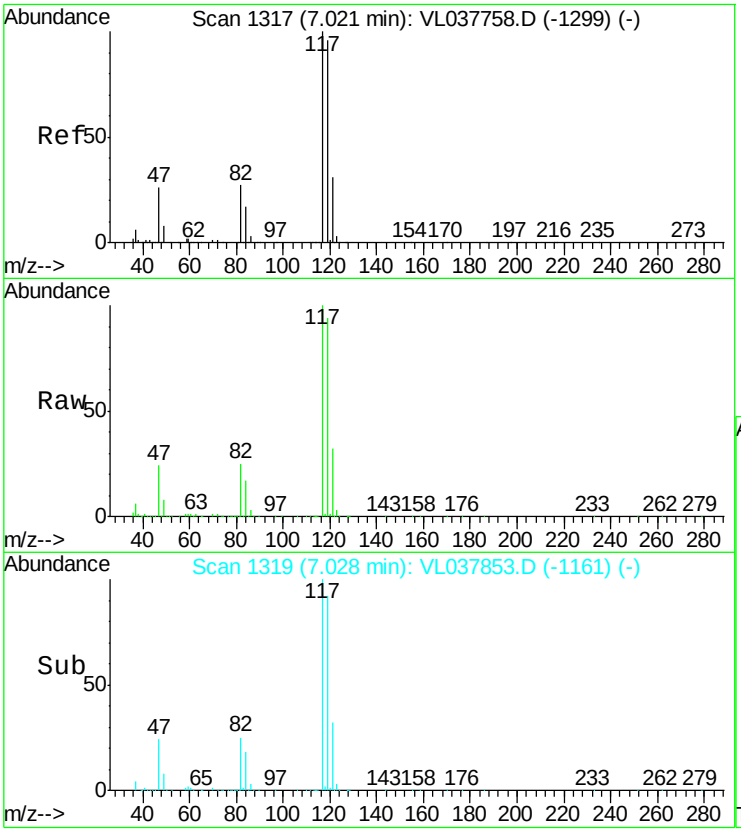


#34
2-Butanone
Concen: 9.647 ppbv
RT: 5.25 min Scan# 767
Delta R.T. 0.01 min
Lab File: VL037853.D
Acq: 18 Oct 2021 14:46

Tgt Ion: 43 Resp: 1586926

Ion	Ratio	Lower	Upper
43	100		
72	22.6	18.2	27.2



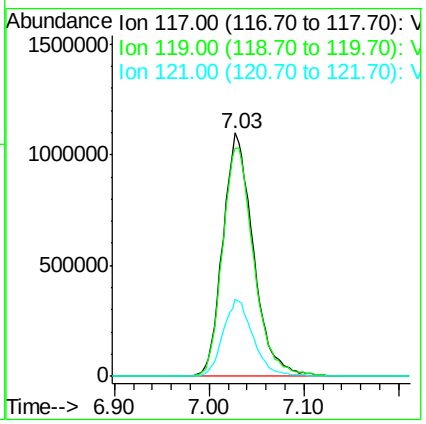


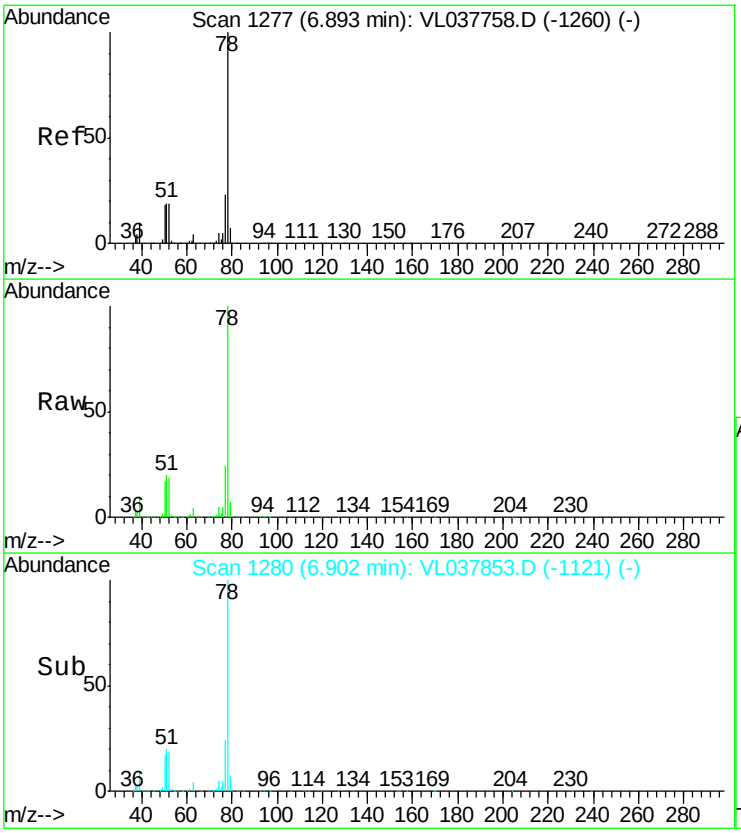
#35
Carbon Tetrachloride
Concen: 10.646 ppbv
RT: 7.03
Delta R.T
Lab File:
Acq: 18 Oct 2021 14:46

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:117 Resp: 2463423

Ion	Ratio	Lower	Upper
117	100		
119	93.5	76.5	114.7
121	31.8	24.9	37.3

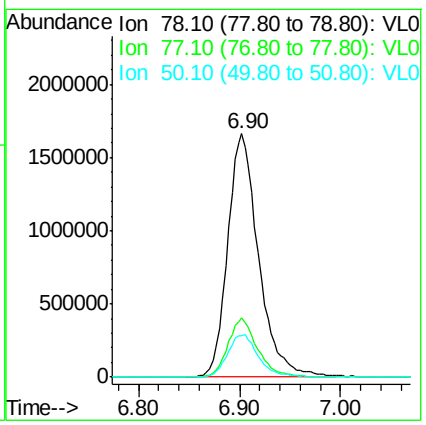


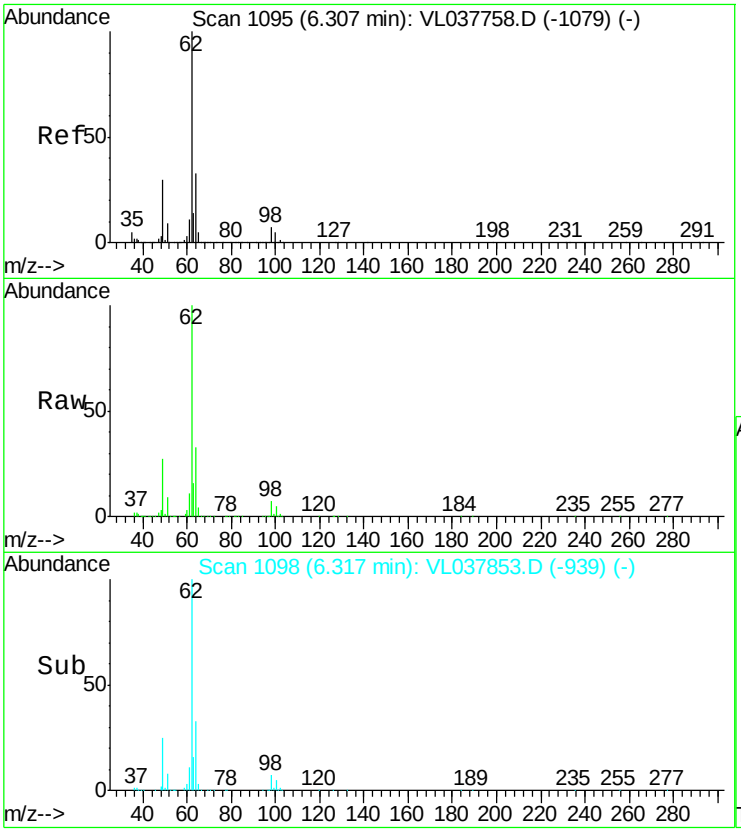


#36
Benzene
Concen: 10.190 ppbv
RT: 6.90 min Scan# 1280
Delta R.T. 0.01 min
Lab File: VL037853.D
Acq: 18 Oct 2021 14:46

Tgt Ion: 78 Resp: 3546144

Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.8	28.2
50	17.1	14.7	22.1



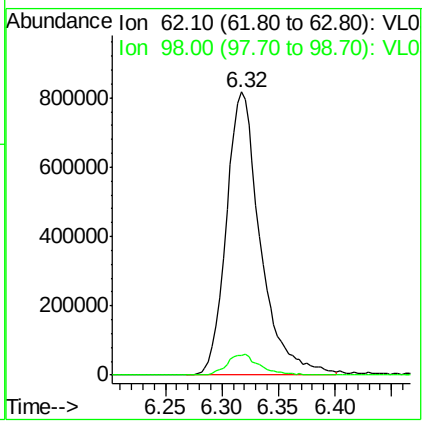


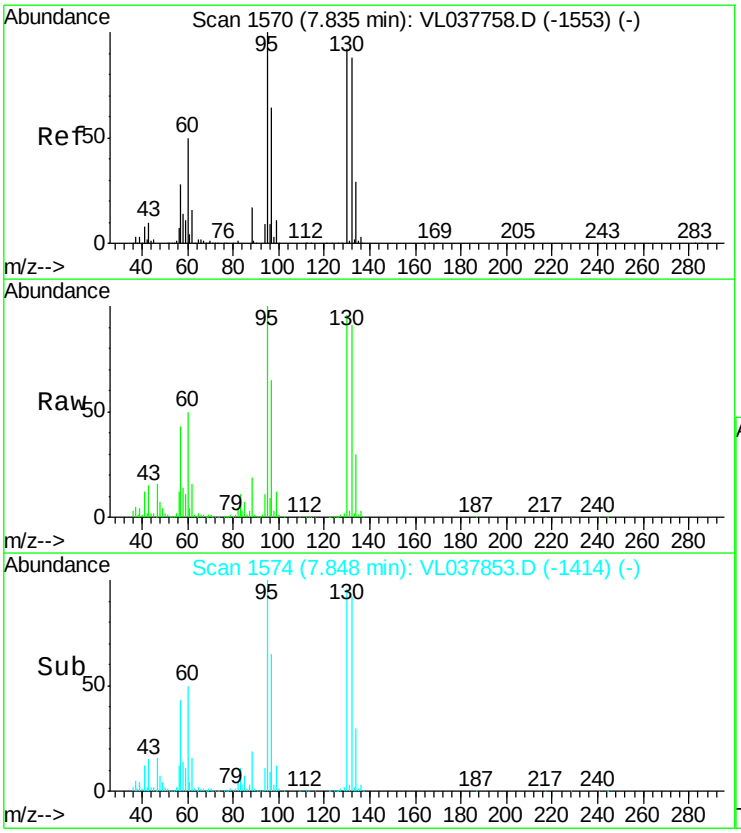
#37
1,2-Dichloroethane
Concen: 10.464 ppbv
RT: 6.32
Delta R.T
Lab File:
Acq: 18 Oct 2021 14:46

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 62 Resp: 1714818

Ion	Ratio	Lower	Upper
62	100		
98	7.5	6.1	9.1

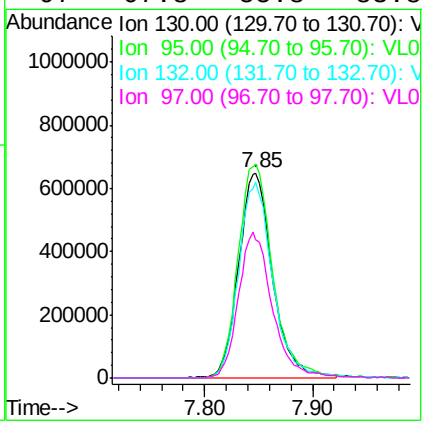


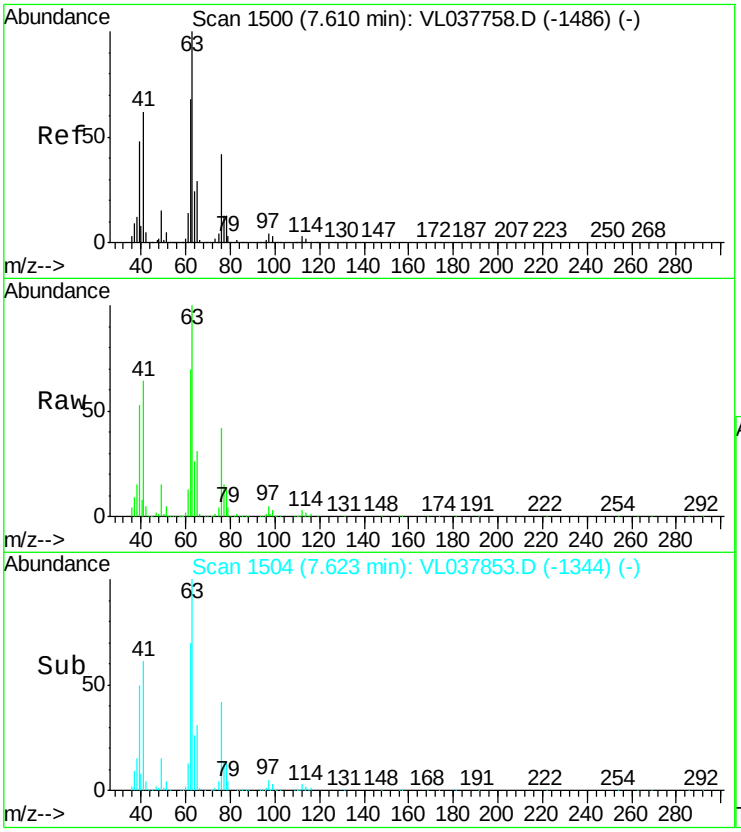


#38
Trichloroethene
Concen: 10.253 ppbv
RT: 7.85 min Scan# 1574
Delta R.T. 0.01 min
Lab File: VL037853.D
Acq: 18 Oct 2021 14:46

Tgt Ion:130 Resp: 1409651

Ion	Ratio	Lower	Upper
130	100		
95	104.3	87.4	131.0
132	95.4	76.8	115.2
97	67.8	55.8	83.8



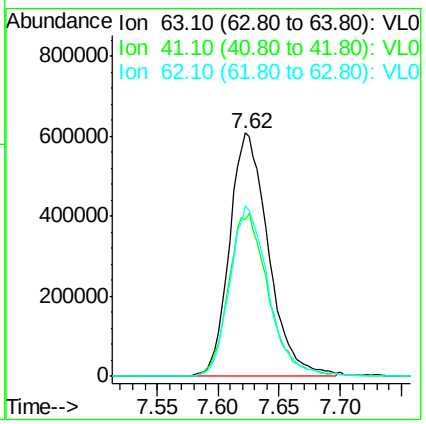


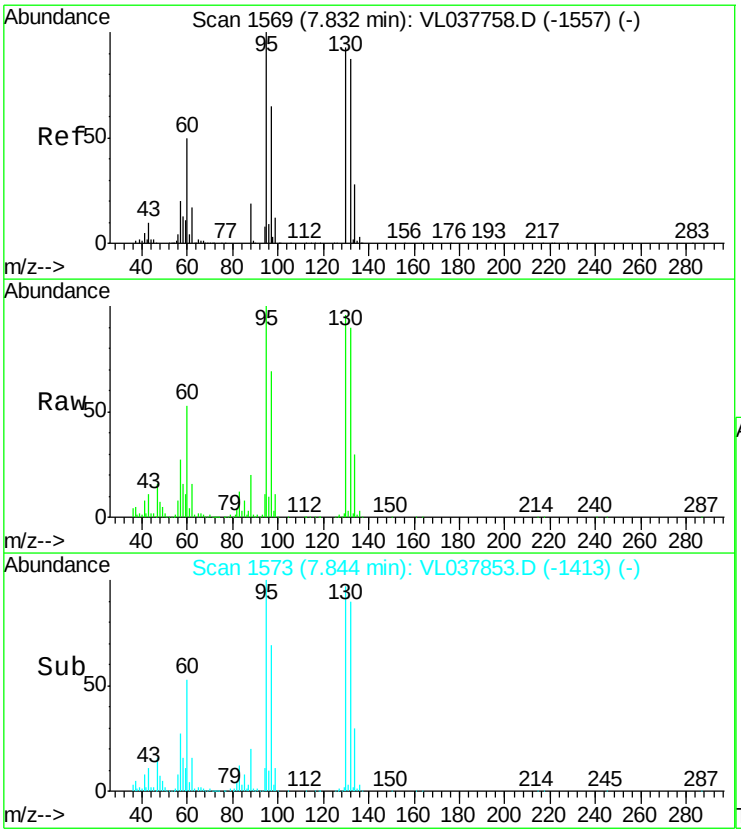
#39
1,2-Dichloropropane
Concen: 10.244 ppbv
RT: 7.62
Delta R.T
Lab File:
Acq: 18 Oct 2021 14:46

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 63 Resp: 1341019

Ion	Ratio	Lower	Upper
63	100		
41	64.4	49.8	74.6
62	70.0	54.6	82.0

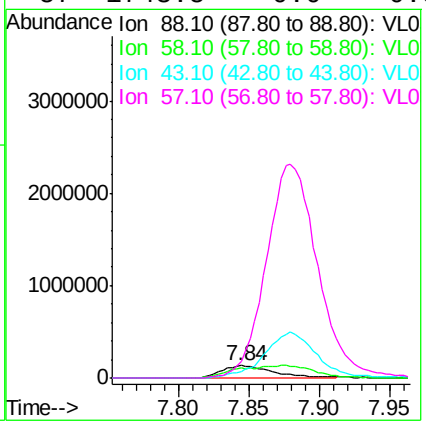


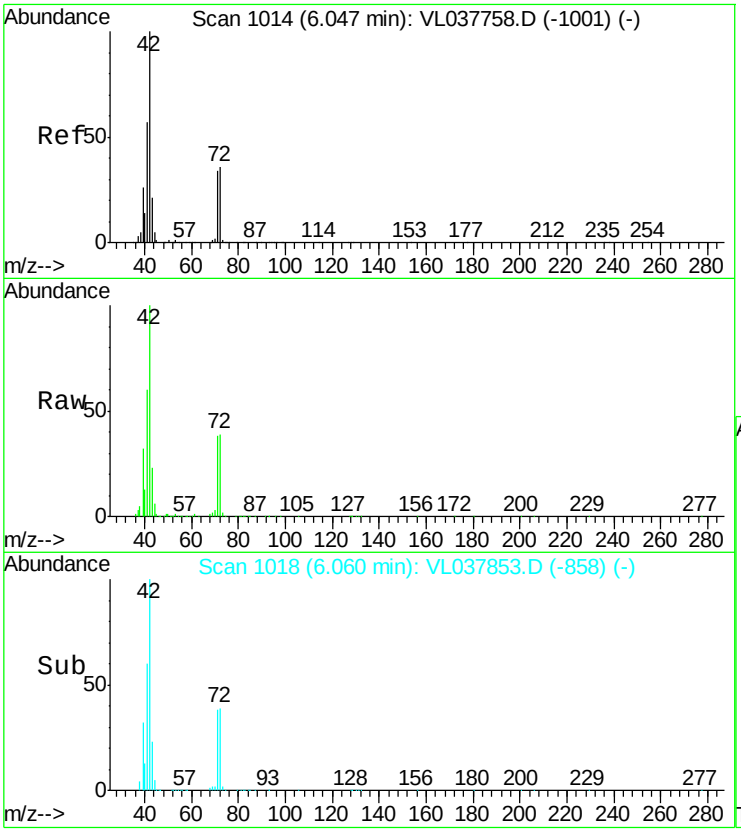


#40
1,4-Dioxane
Concen: 10.368 ppbv
RT: 7.84 min Scan# 1573
Delta R.T. 0.01 min
Lab File: VL037853.D
Acq: 18 Oct 2021 14:46

Tgt Ion: 88 Resp: 339632

Ion	Ratio	Lower	Upper
88	100		
58	156.9	0.0	0.0#
43	388.6	0.0	0.0#
57	1743.5	0.0	0.0#



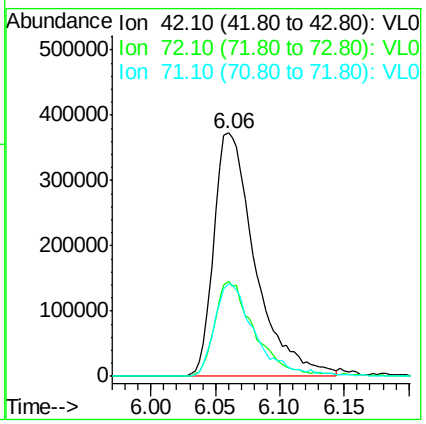


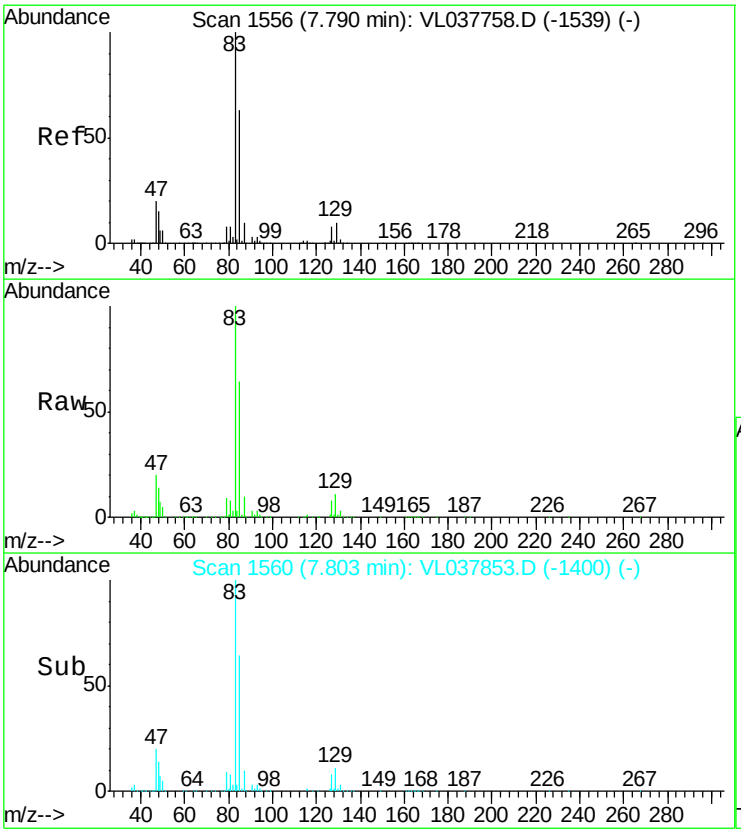
#41
Tetrahydrofuran
Concen: 10.258 ppbv
RT: 6.06
Delta R.T
Lab File:
Acq: 18 Oct 2021 14:46

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 42 Resp: 826267

Ion	Ratio	Lower	Upper
42	100		
72	38.9	31.9	47.9
71	37.9	30.3	45.5

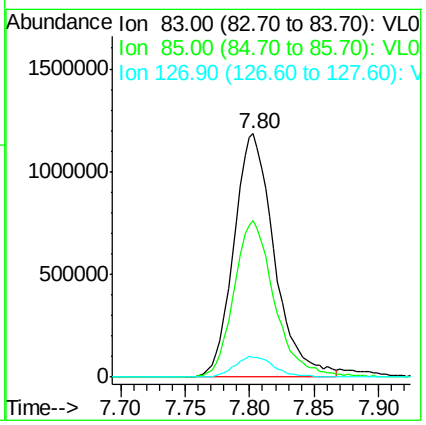


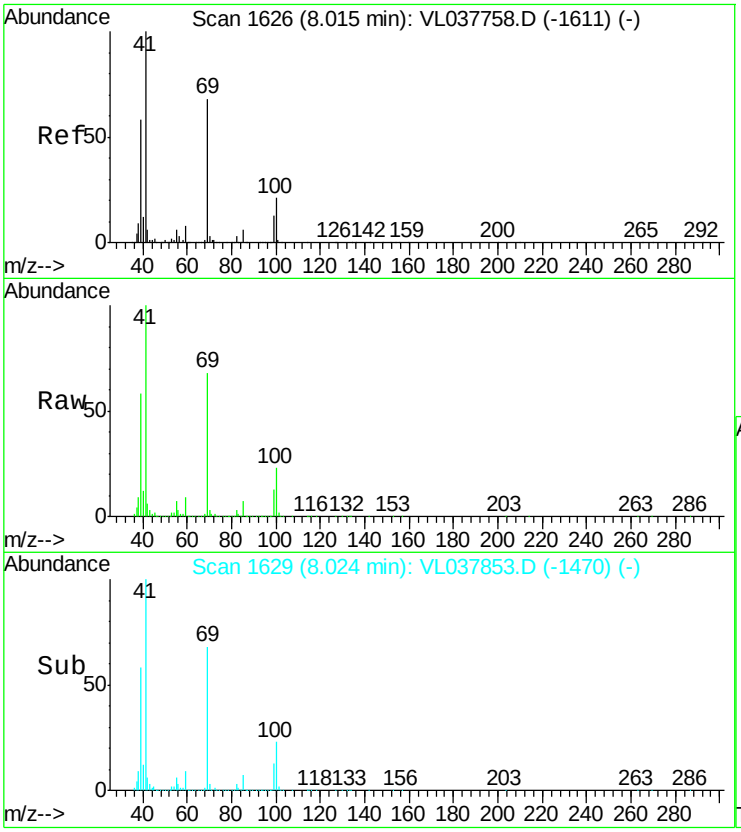


#42
Bromodichloromethane
Concen: 10.745 ppbv
RT: 7.80 min Scan# 1560
Delta R.T. 0.01 min
Lab File: VL037853.D
Acq: 18 Oct 2021 14:46

Tgt Ion: 83 Resp: 2586316

Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.6	75.8
127	7.9	6.2	9.4



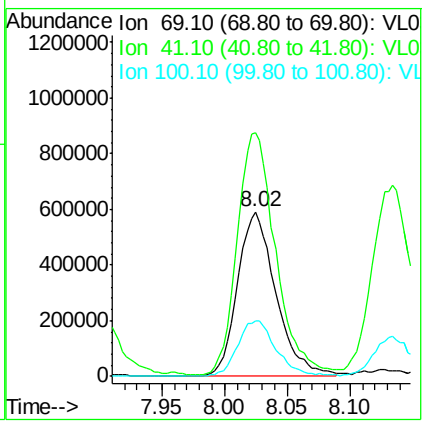


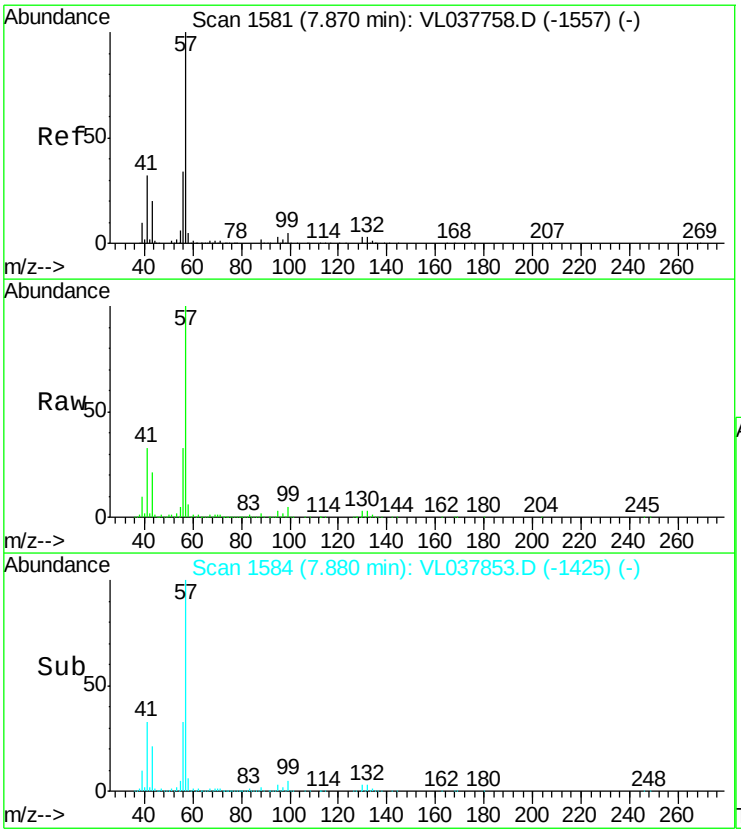
#43
Methyl Methacrylate
Concen: 11.054 ppbv
RT: 8.02
Delta R.T
Lab File:
Acq: 18 Oct 2021 14:46

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 69 Resp: 1256505

Ion	Ratio	Lower	Upper
69	100		
41	148.8	121.0	181.4
100	34.2	27.7	41.5

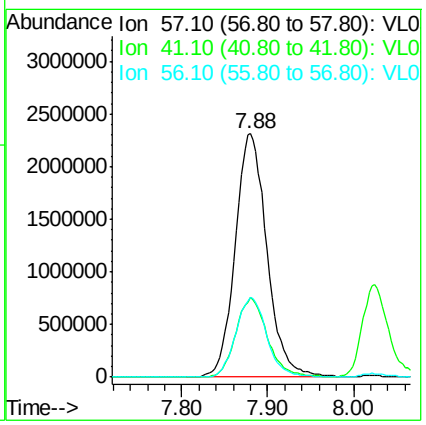


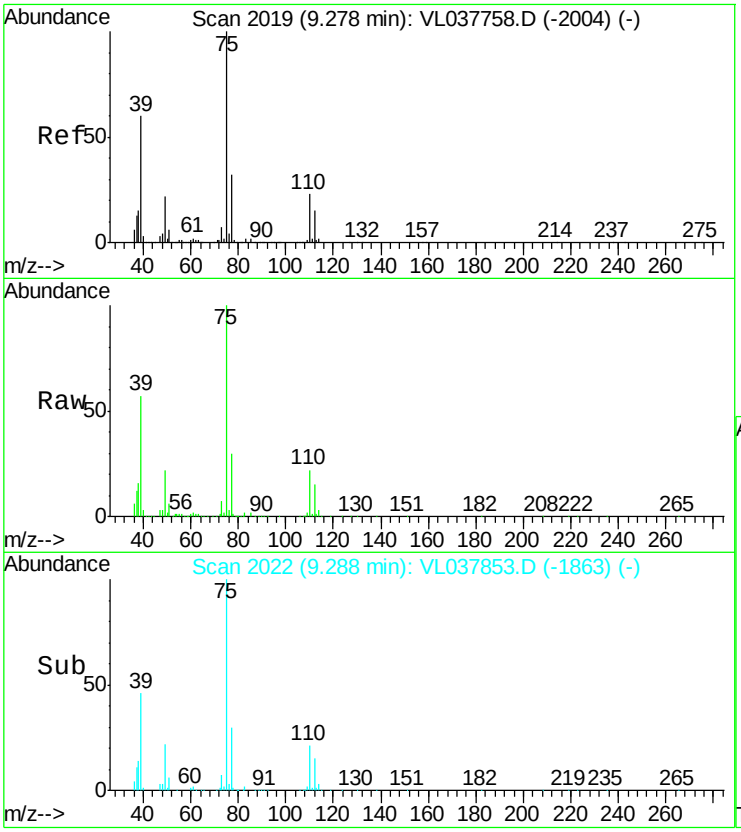


#44
2,2,4-Trimethylpentane
Concen: 10.113 ppbv
RT: 7.88 min Scan# 1584
Delta R.T. 0.01 min
Lab File: VL037853.D
Acq: 18 Oct 2021 14:46

Tgt Ion: 57 Resp: 5912965

Ion	Ratio	Lower	Upper
57	100		
41	32.5	25.6	38.4
56	32.0	25.5	38.3



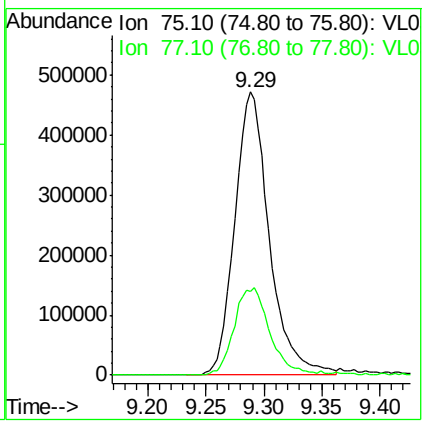


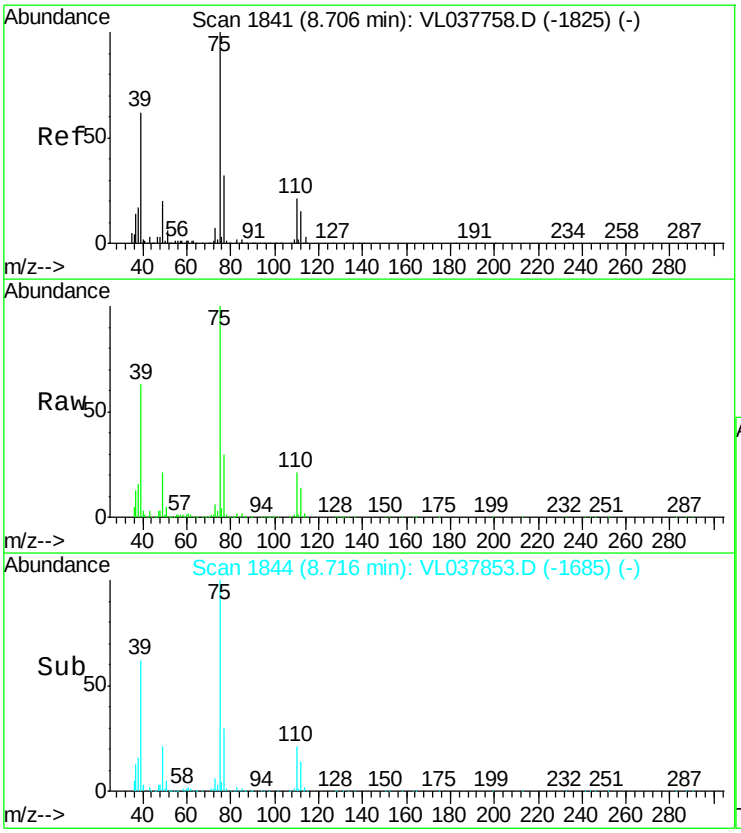
#45
t-1,3-Dichloropropene
Concen: 12.428 ppbv
RT: 9.29
Delta R.T
Lab File:
Acq: 18 Oct 2021 14:46

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 75 Resp: 972000

Ion	Ratio	Lower	Upper
75	100		
77	29.7	25.2	37.8

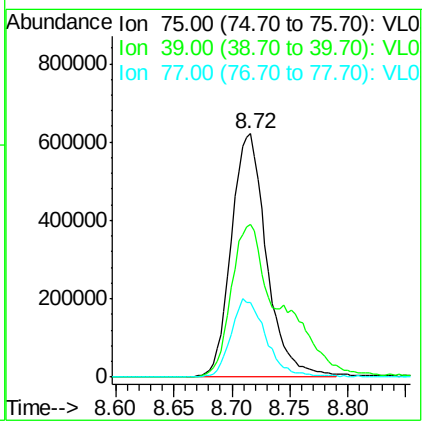


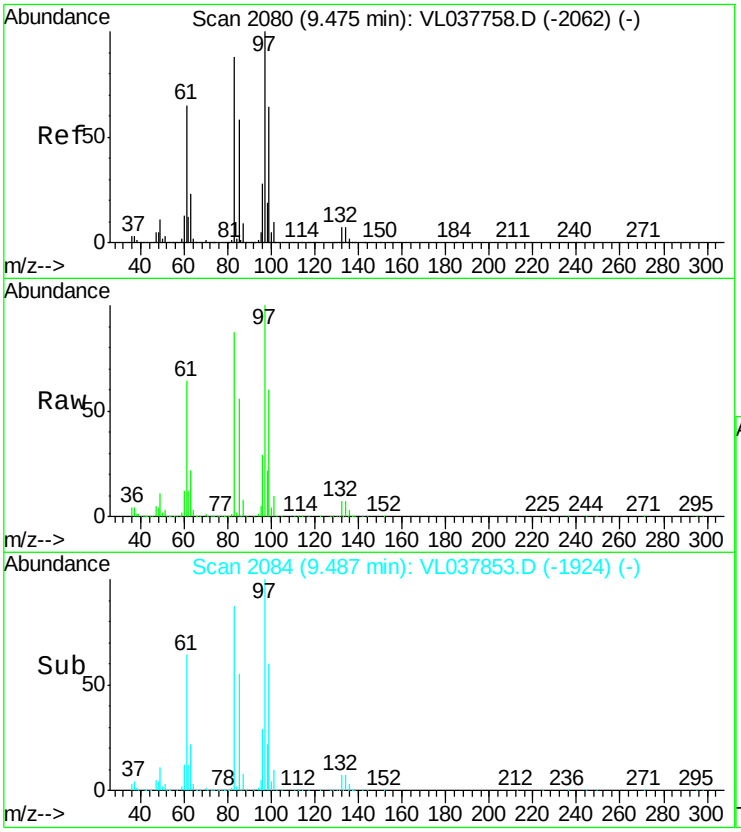


#46
cis-1,3-Dichloropropene
Concen: 12.116 ppbv
RT: 8.72 min Scan# 1844
Delta R.T. 0.01 min
Lab File: VL037853.D
Acq: 18 Oct 2021 14:46

Tgt Ion: 75 Resp: 1313547

Ion	Ratio	Lower	Upper
75	100		
39	62.4	49.9	74.9
77	30.4	25.9	38.9



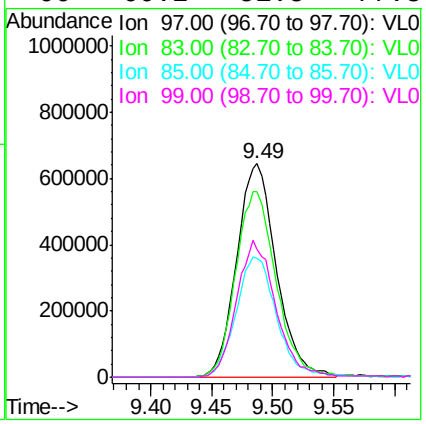


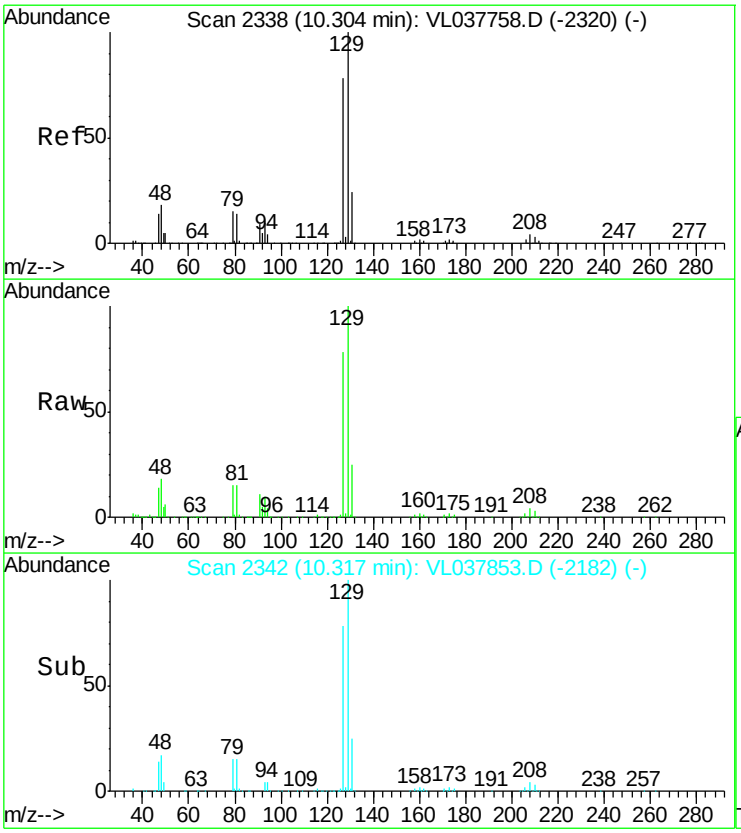
#47
1,1,2-Trichloroethane
Concen: 10.184 ppbv
RT: 9.49
Delta R.T
Lab File:
Acq: 18 Oct 2021 14:46

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 97 Resp: 1449266

Ion	Ratio	Lower	Upper
97	100		
83	86.6	70.6	105.8
85	55.5	45.9	68.9
99	60.2	51.5	77.3

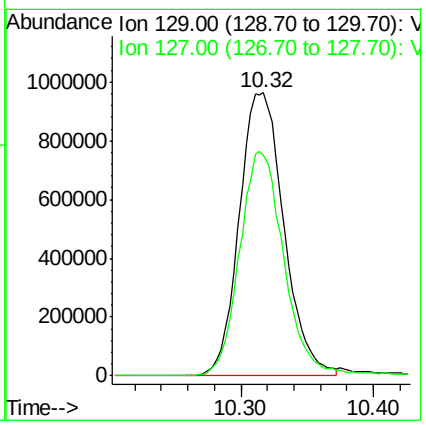


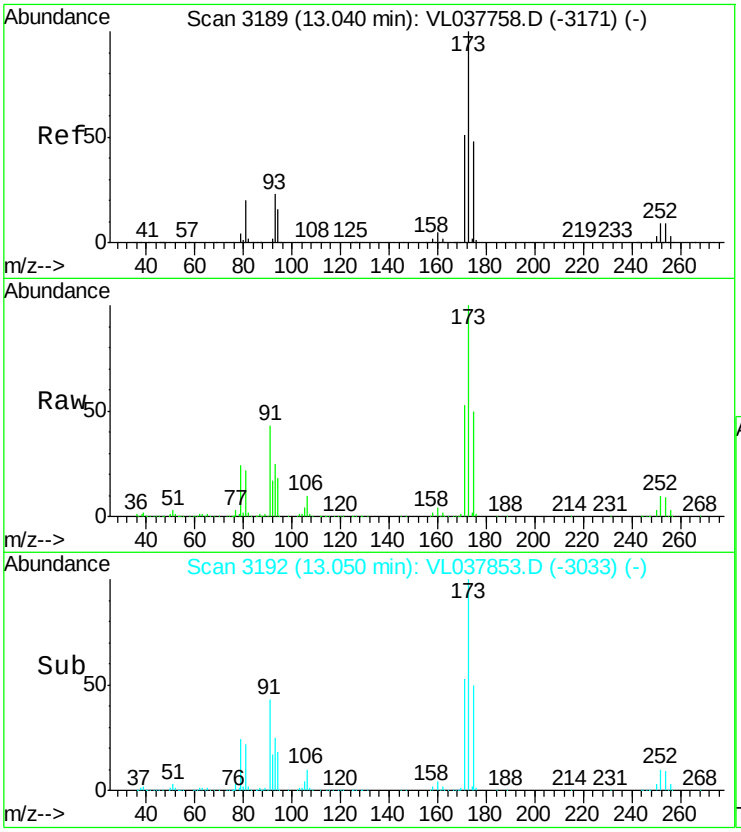


#48
Dibromochloromethane
Concen: 11.139 ppbv
RT: 10.32 min Scan# 2342
Delta R.T. 0.01 min
Lab File: VL037853.D
Acq: 18 Oct 2021 14:46

Tgt Ion:129 Resp: 2259835

Ion	Ratio	Lower	Upper
129	100		
127	80.0	39.5	118.5



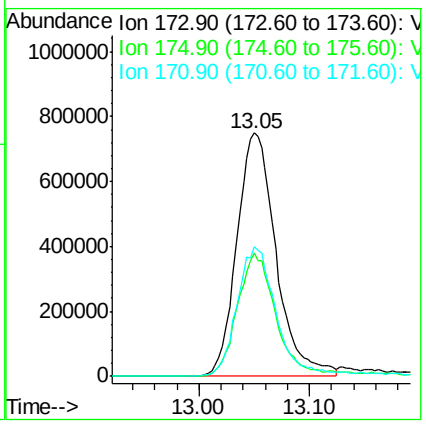


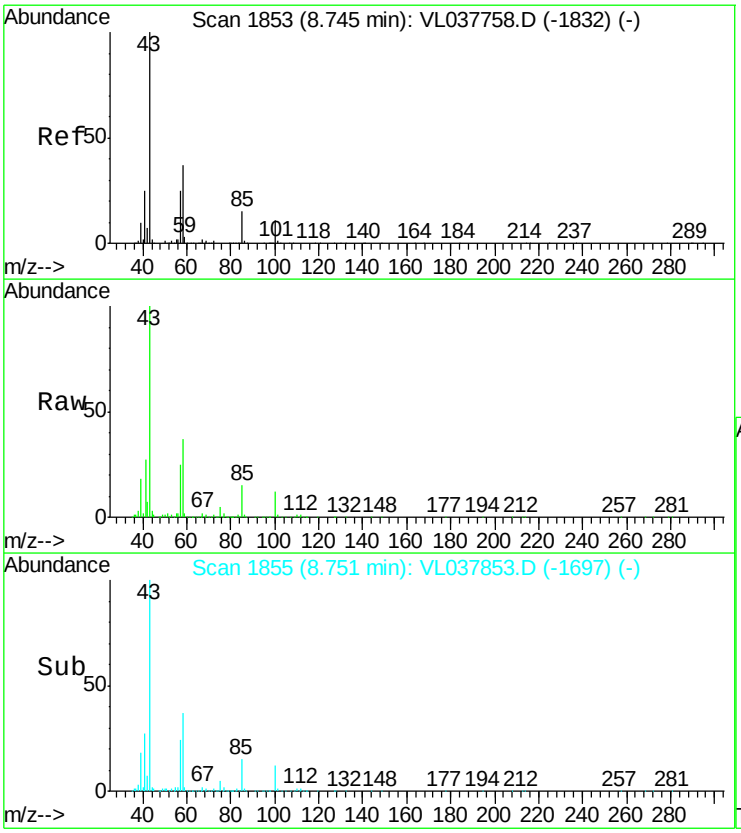
#49
Bromoform
Concen: 11.867 ppbv
RT: 13.05
Delta R.T
Lab File:
Acq: 18 Oct 2021 14:46

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:173 Resp: 1841986

Ion	Ratio	Lower	Upper
173	100		
175	52.0	39.9	59.9
171	53.1	43.4	65.2

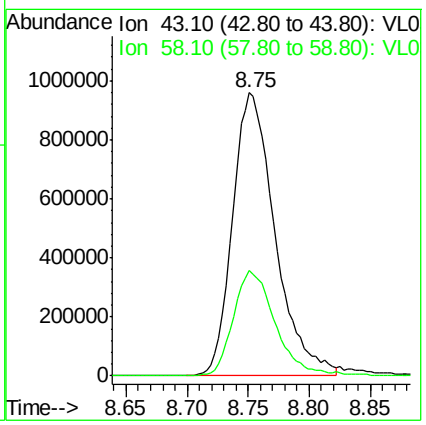


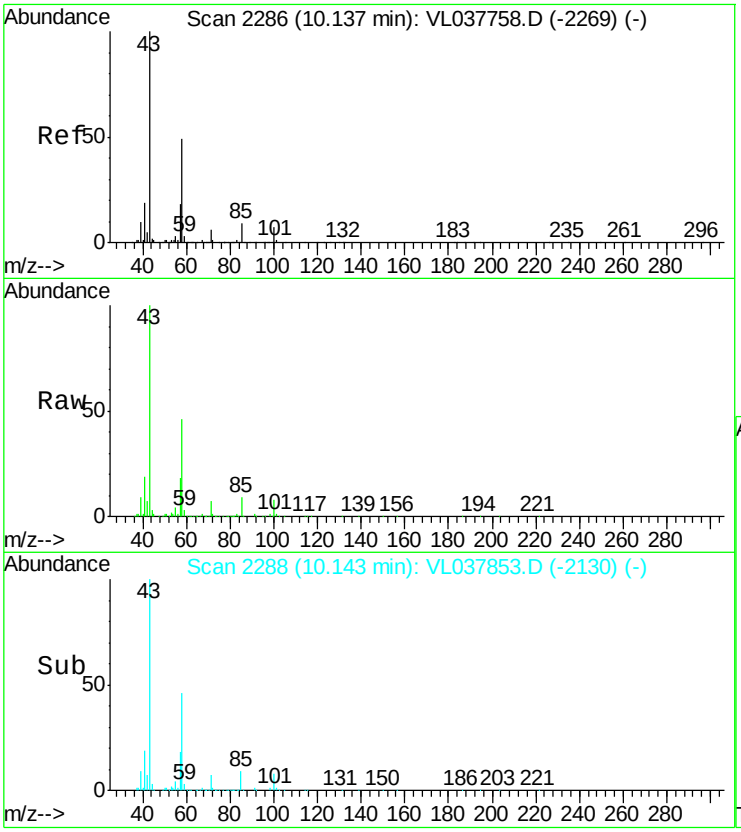


#50
4-Methyl-2-Pentanone
Concen: 10.797 ppbv
RT: 8.75 min Scan# 1855
Delta R.T. 0.01 min
Lab File: VL037853.D
Acq: 18 Oct 2021 14:46

Tgt Ion: 43 Resp: 2311917

Ion	Ratio	Lower	Upper
43	100		
58	37.4	29.4	44.0



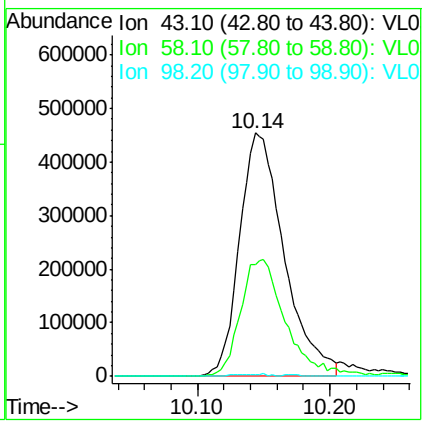


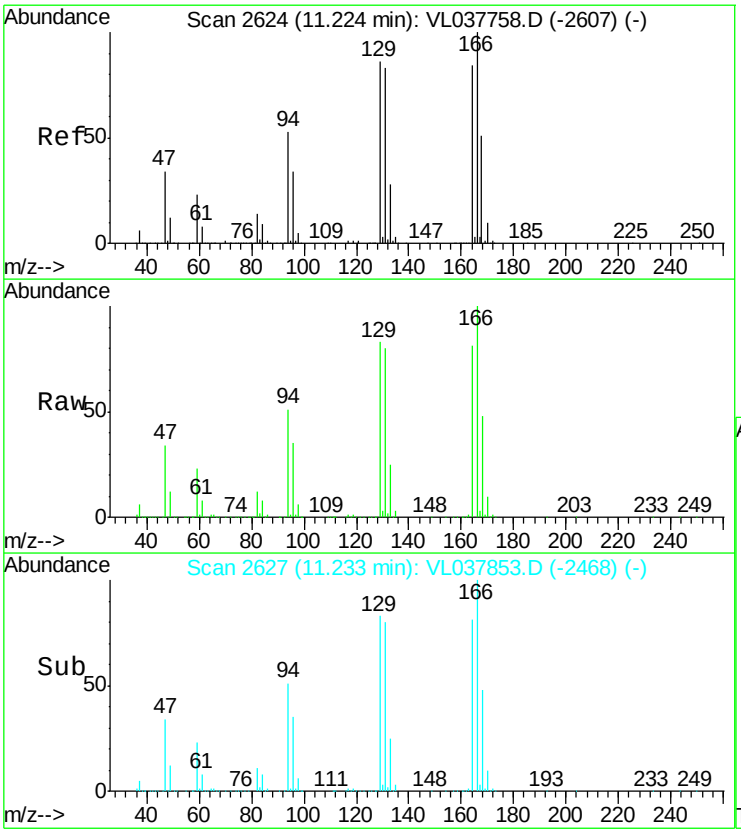
#51
2-Hexanone
Concen: 11.108 ppbv
RT: 10.14
Delta R.T
Lab File:
Acq: 18 Oct 2021 14:46

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 43 Resp: 1061904

Ion	Ratio	Lower	Upper
43	100		
58	50.1	39.4	59.0
98	1.1	0.3	0.5#

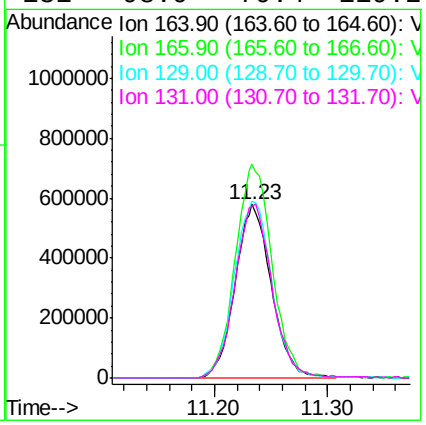


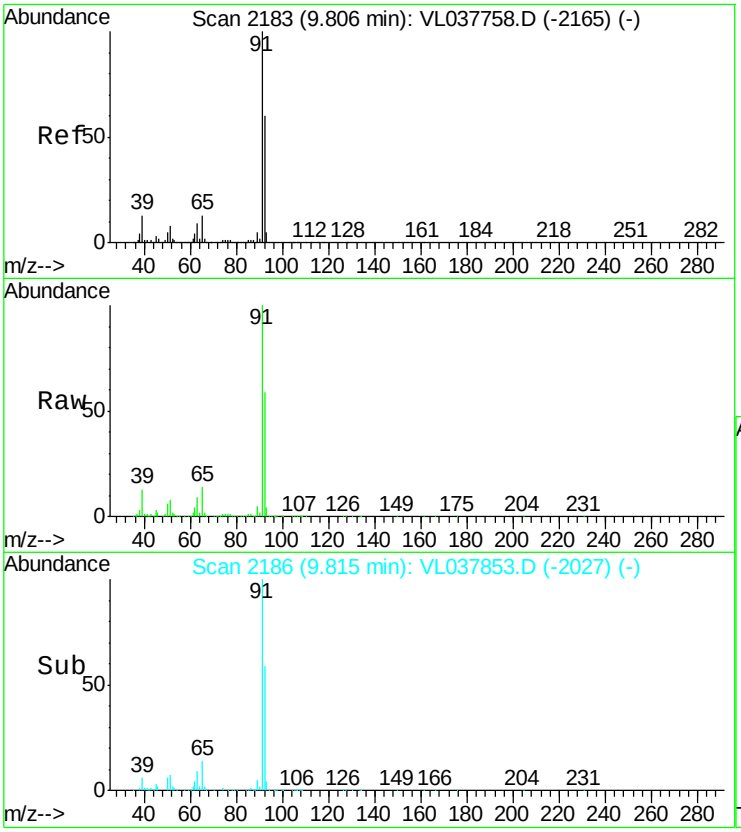


#52
Tetrachloroethene
Concen: 9.480 ppbv
RT: 11.23 min Scan# 2627
Delta R.T. 0.01 min
Lab File: VL037853.D
Acq: 18 Oct 2021 14:46

Tgt Ion:164 Resp: 1283549

Ion	Ratio	Lower	Upper
164	100		
166	123.1	95.4	143.2
129	102.1	82.2	123.4
131	98.9	79.4	119.2



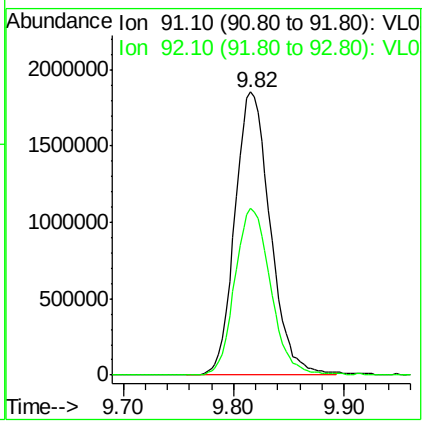


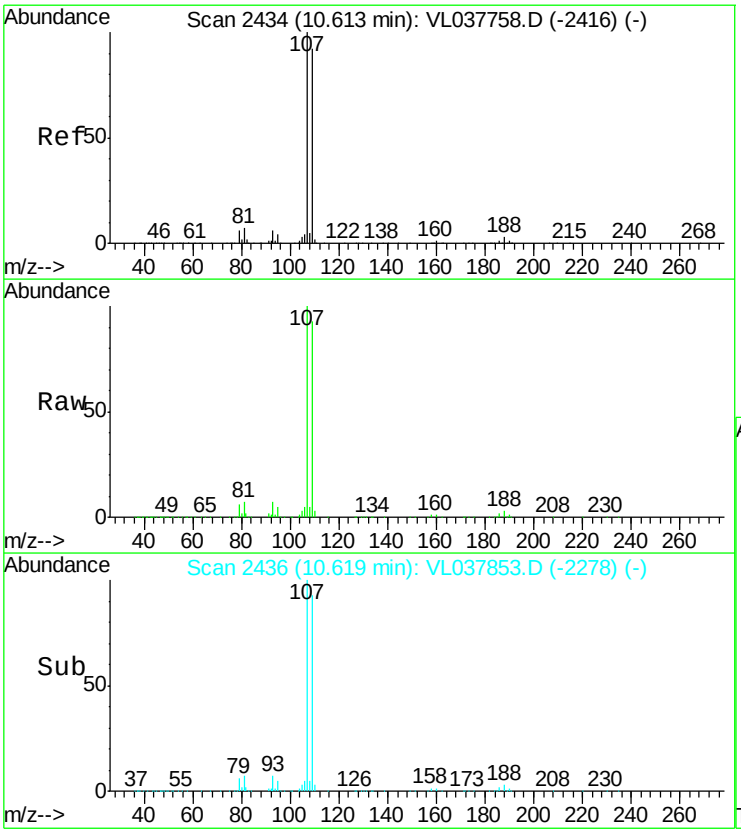
#53
Toluene
Concen: 10.684 ppbv
RT: 9.82
Delta R.T
Lab File:
Acq: 18 Oct 2021 14:46

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 91 Resp: 4120868

Ion	Ratio	Lower	Upper
91	100		
92	60.2	48.4	72.6

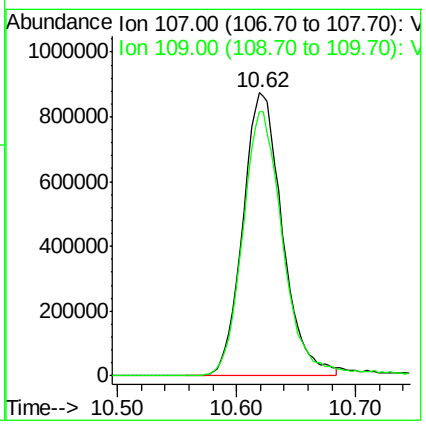


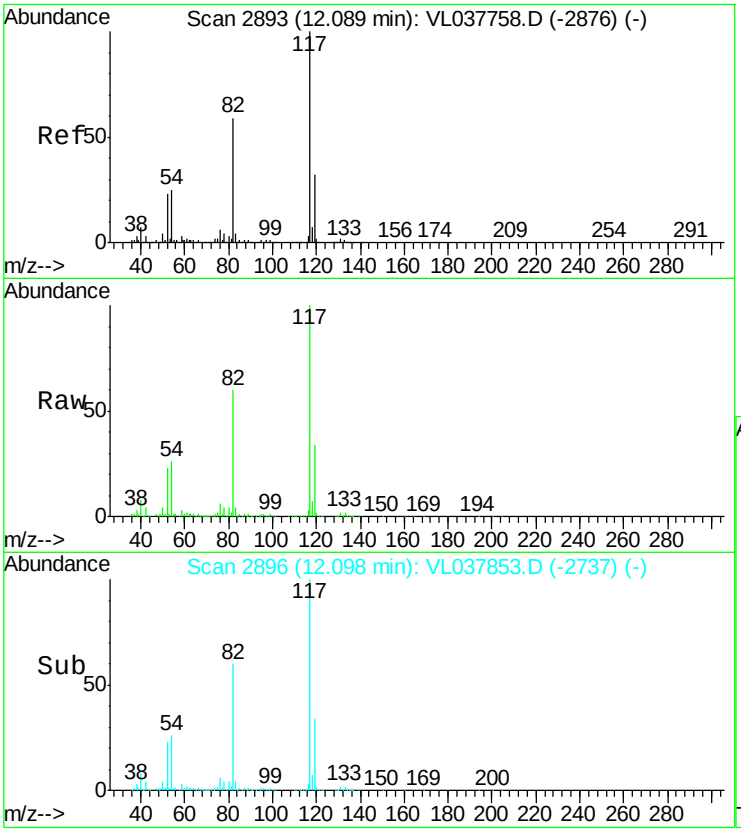


#54
1,2-Dibromoethane
Concen: 10.461 ppbv
RT: 10.62 min Scan# 2436
Delta R.T. 0.01 min
Lab File: VL037853.D
Acq: 18 Oct 2021 14:46

Tgt Ion:107 Resp: 2010880

Ion	Ratio	Lower	Upper
107	100		
109	93.2	73.8	110.6



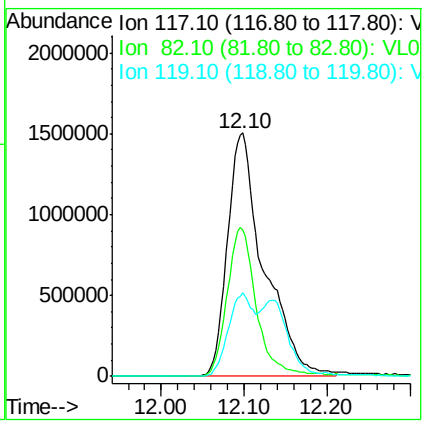


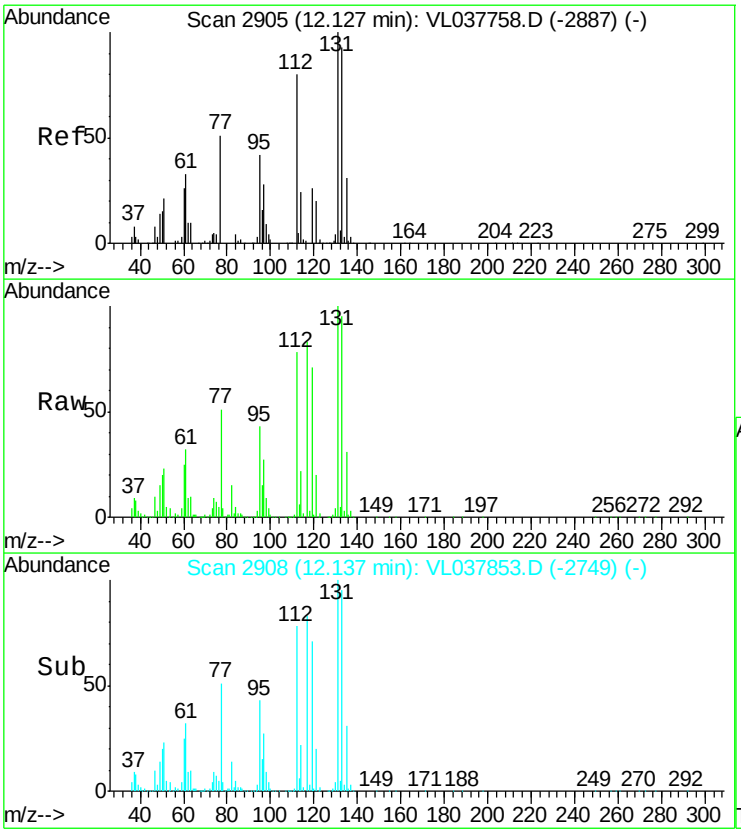
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10
Delta R.T
Lab File:
Acq: 18 Oct 2021 14:46

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:117 Resp: 4616318

Ion	Ratio	Lower	Upper
117	100		
82	50.6	52.2	78.2#
119	23.4	26.0	39.0#

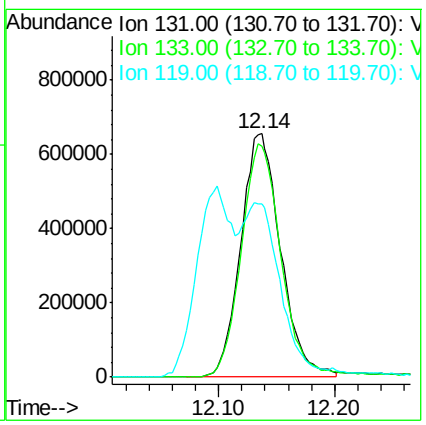


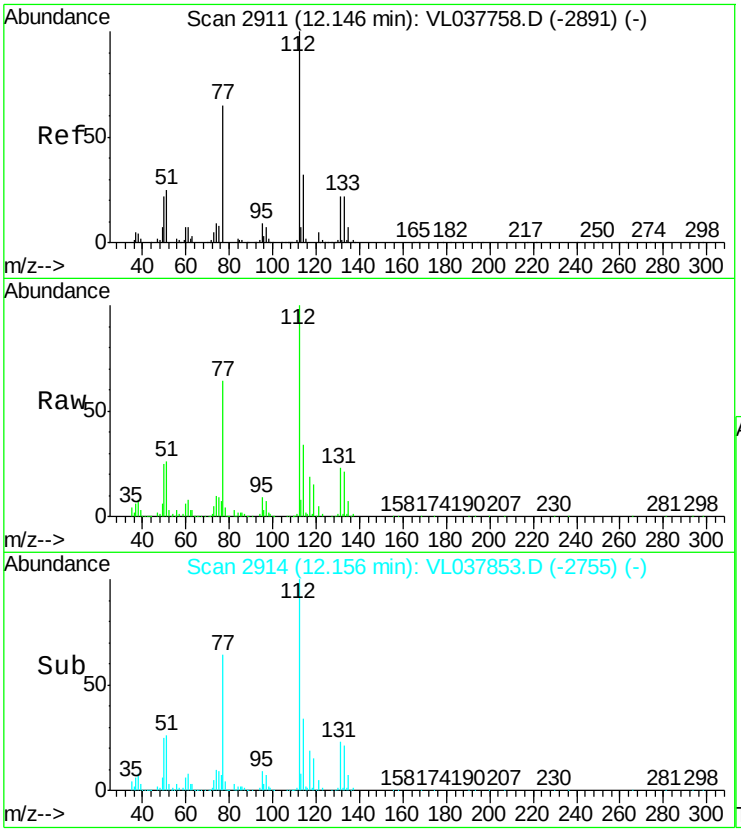


#56
1,1,1,2-Tetrachloroethane
Concen: 8.200 ppbv
RT: 12.14 min Scan# 2908
Delta R.T. 0.01 min
Lab File: VL037853.D
Acq: 18 Oct 2021 14:46

Tgt Ion:131 Resp: 1566979

Ion	Ratio	Lower	Upper
131	100		
133	98.5	78.5	117.7
119	69.0	51.7	77.5



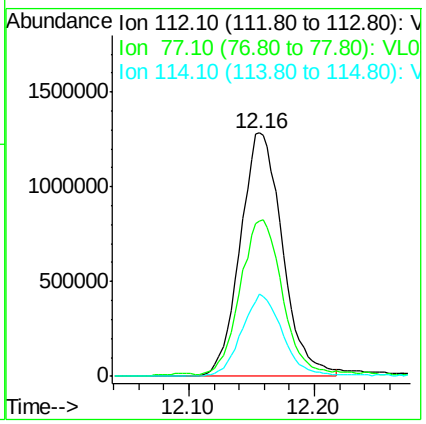


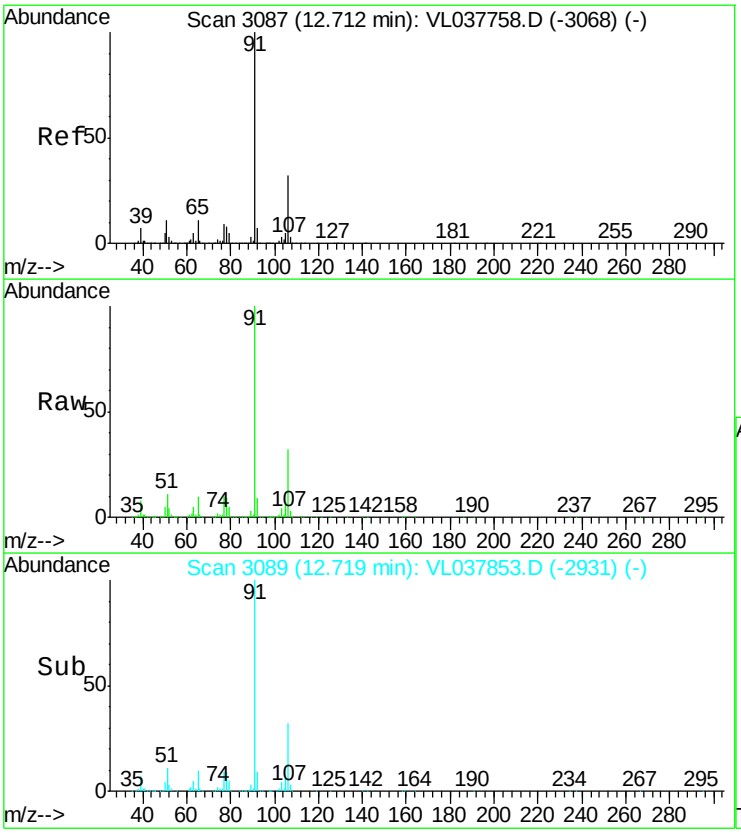
#57
Chlorobenzene
Concen: 7.920 ppbv
RT: 12.16
Delta R.T
Lab File:
Acq: 18 Oct 2021 14:46

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:112 Resp: 2999453

Ion	Ratio	Lower	Upper
112	100		
77	62.8	51.8	77.8
114	33.8	28.8	35.2

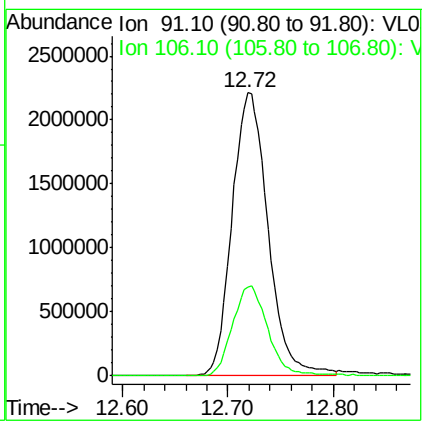


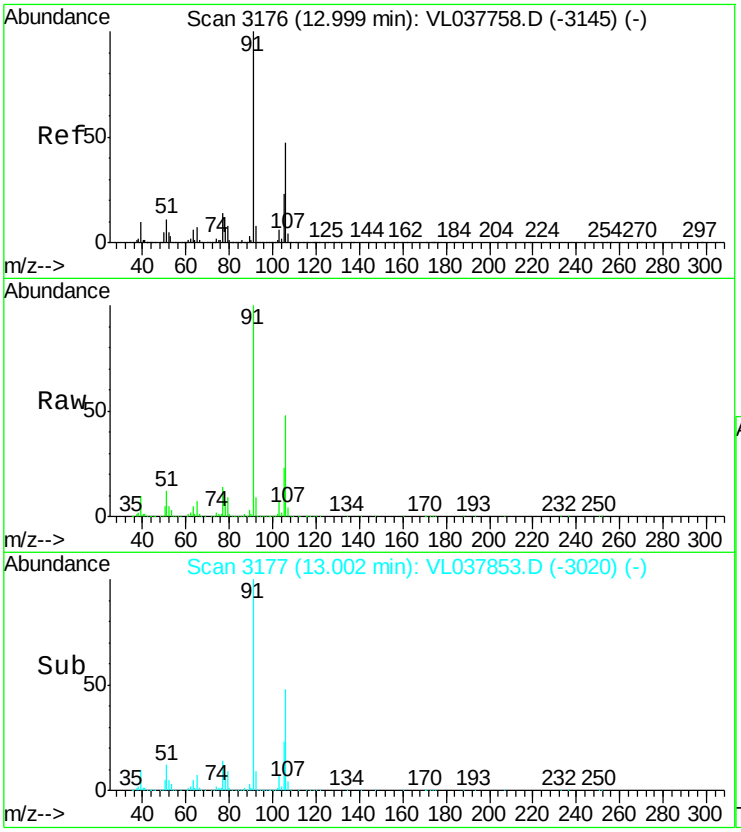


#58
Ethyl Benzene
Concen: 8.465 ppbv
RT: 12.72 min Scan# 3089
Delta R.T. 0.01 min
Lab File: VL037853.D
Acq: 18 Oct 2021 14:46

Tgt Ion: 91 Resp: 5247105

Ion	Ratio	Lower	Upper
91	100		
106	31.6	25.3	37.9



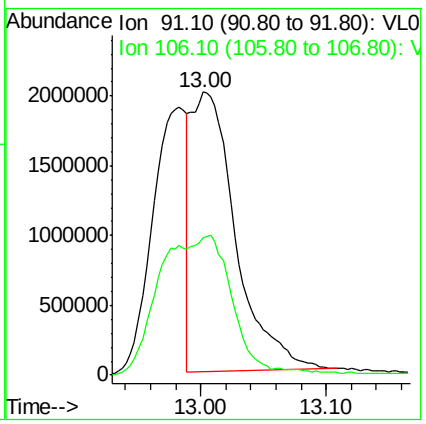


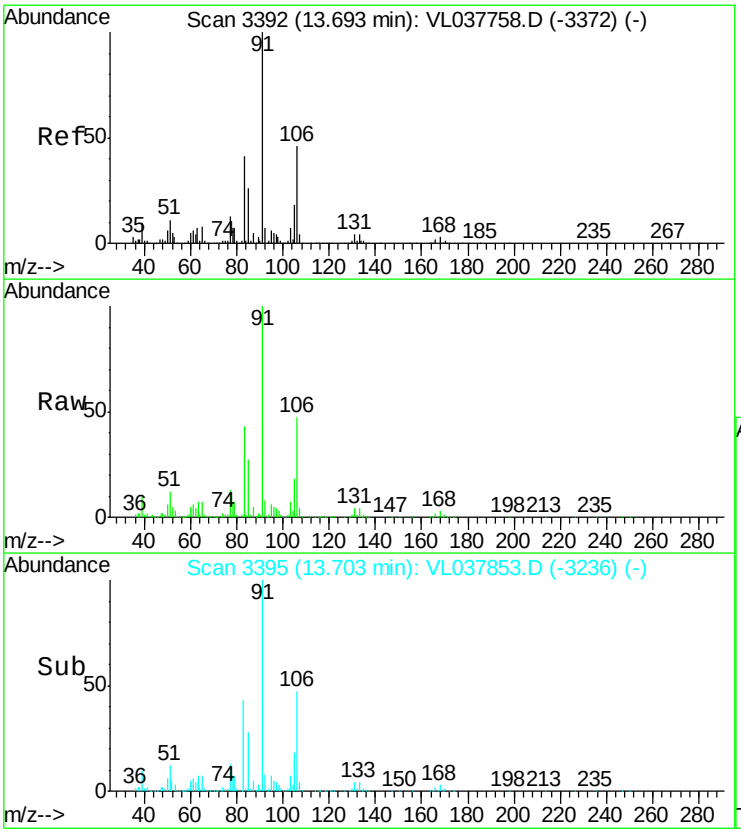
#59
m/p-Xylene
Concen: 9.234 ppbv
RT: 13.00
Delta R.T
Lab File:
Acq: 18 Oct 2021 14:46

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 91 Resp: 4913161

Ion	Ratio	Lower	Upper
91	100		
106	84.2	36.7	55.1#

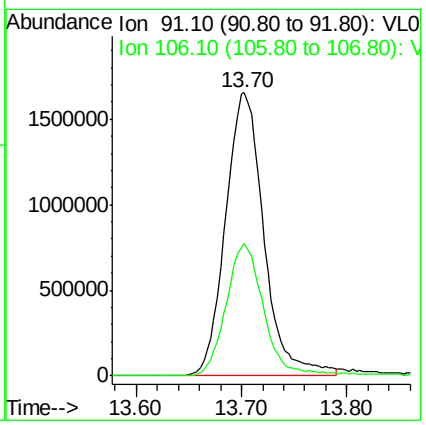


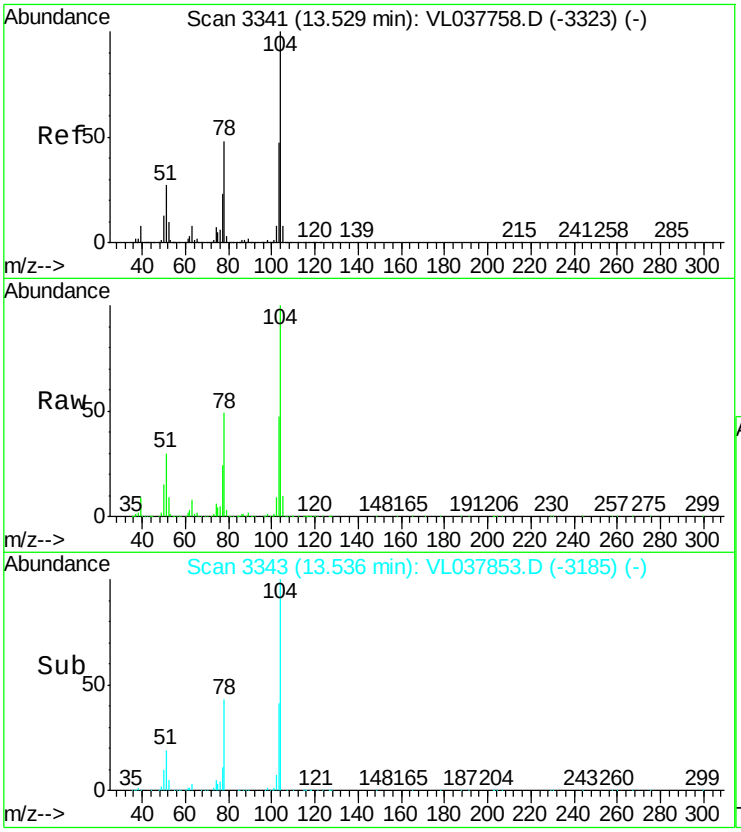


#60
o-Xylene
Concen: 8.146 ppbv
RT: 13.70 min Scan# 3395
Delta R.T. 0.01 min
Lab File: VL037853.D
Acq: 18 Oct 2021 14:46

Tgt Ion: 91 Resp: 4153918

Ion	Ratio	Lower	Upper
91	100		
106	47.2	23.5	70.5



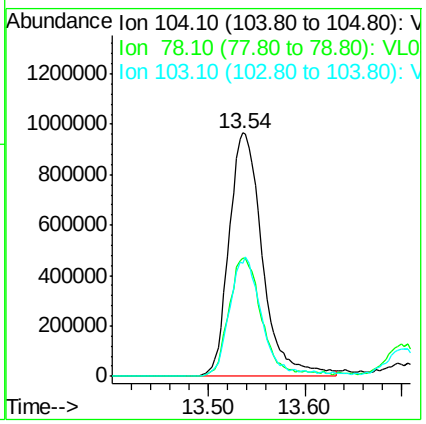


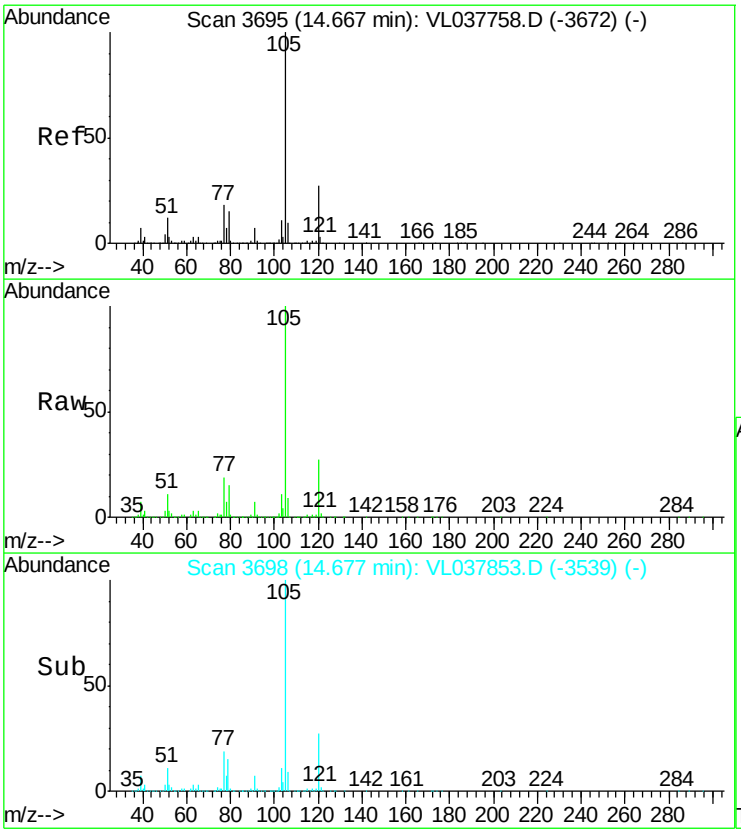
#61
Styrene
Concen: 9.414 ppbv
RT: 13.54
Delta R.T
Lab File:
Acq: 18 Oct 2021 14:46

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:104 Resp: 2322046

Ion	Ratio	Lower	Upper
104	100		
78	48.6	40.6	61.0
103	48.2	39.6	59.4

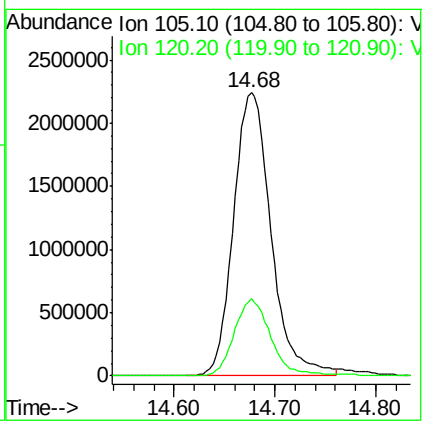


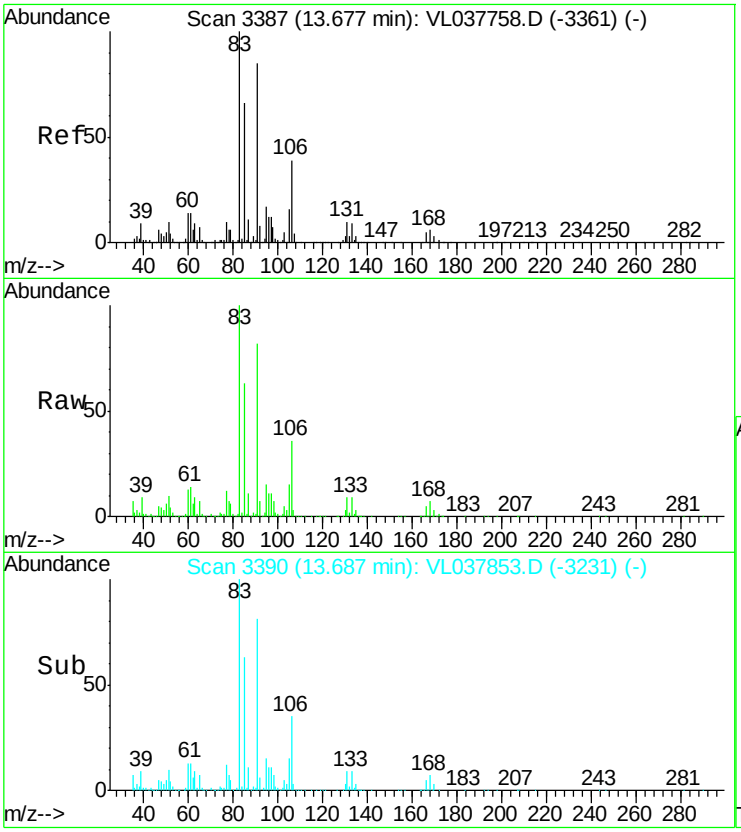


#62
Isopropylbenzene
Concen: 8.136 ppbv
RT: 14.68 min Scan# 3698
Delta R.T. 0.01 min
Lab File: VL037853.D
Acq: 18 Oct 2021 14:46

Tgt Ion:105 Resp: 5787128

Ion	Ratio	Lower	Upper
105	100		
120	26.8	21.3	31.9



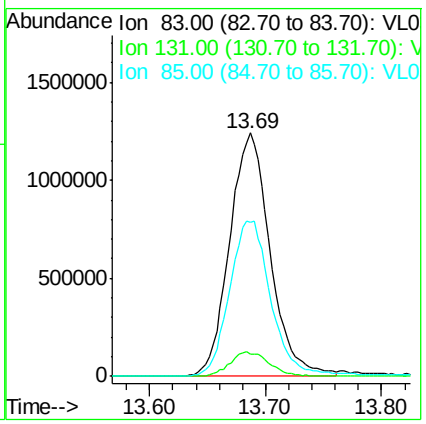


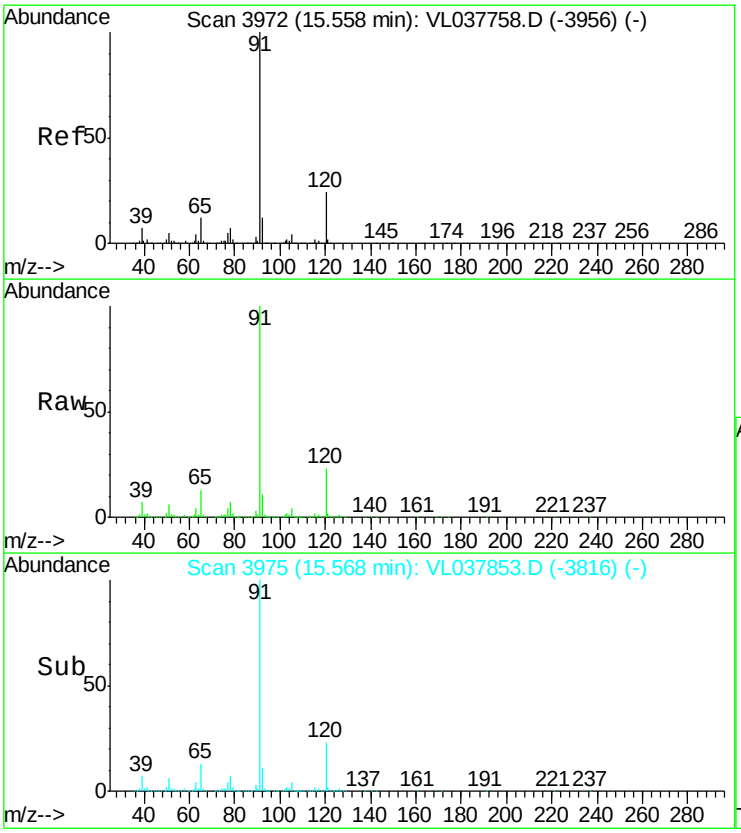
#63
1,1,2,2-Tetrachloroethane
Concen: 7.589 ppbv
RT: 13.69
Delta R.T
Lab File:
Acq: 18 Oct 2021 14:46

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 83 Resp: 2986300

Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.0	15.0
85	67.3	33.1	99.5

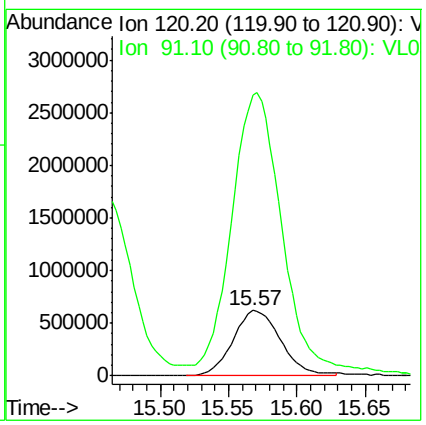


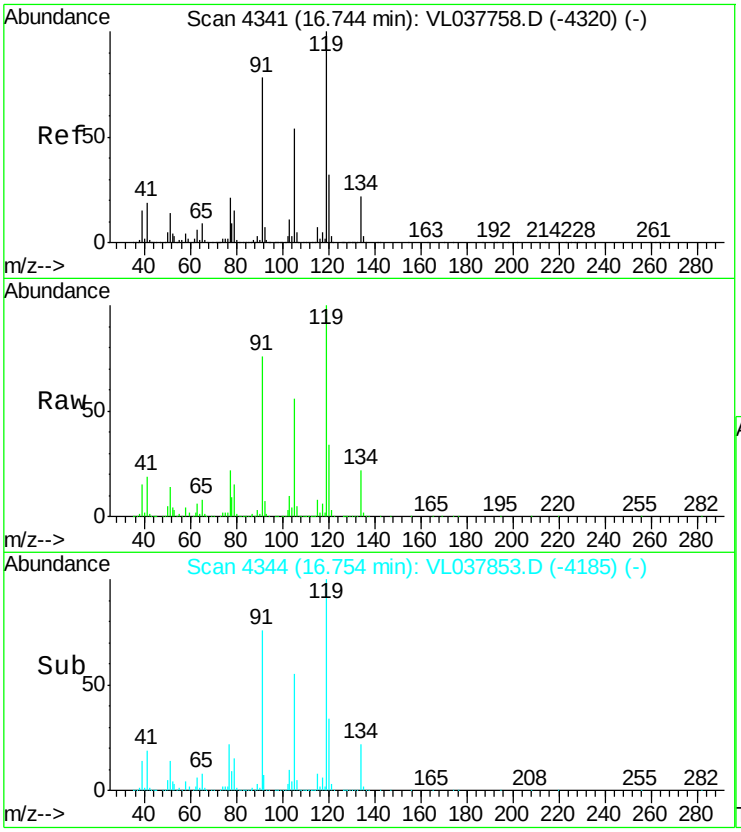


#64
n-propylbenzene
Concen: 8.549 ppbv
RT: 15.57 min Scan# 3975
Delta R.T. 0.01 min
Lab File: VL037853.D
Acq: 18 Oct 2021 14:46

Tgt Ion:120 Resp: 1516320

Ion	Ratio	Lower	Upper
120	100		
91	468.7	375.0	562.6



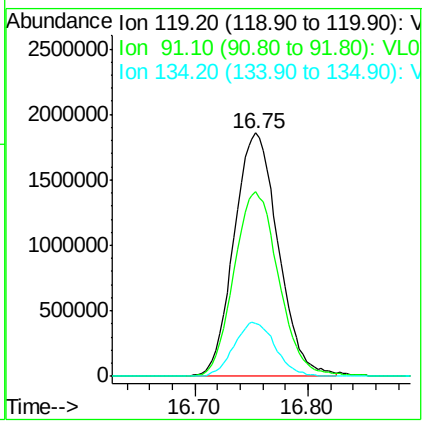


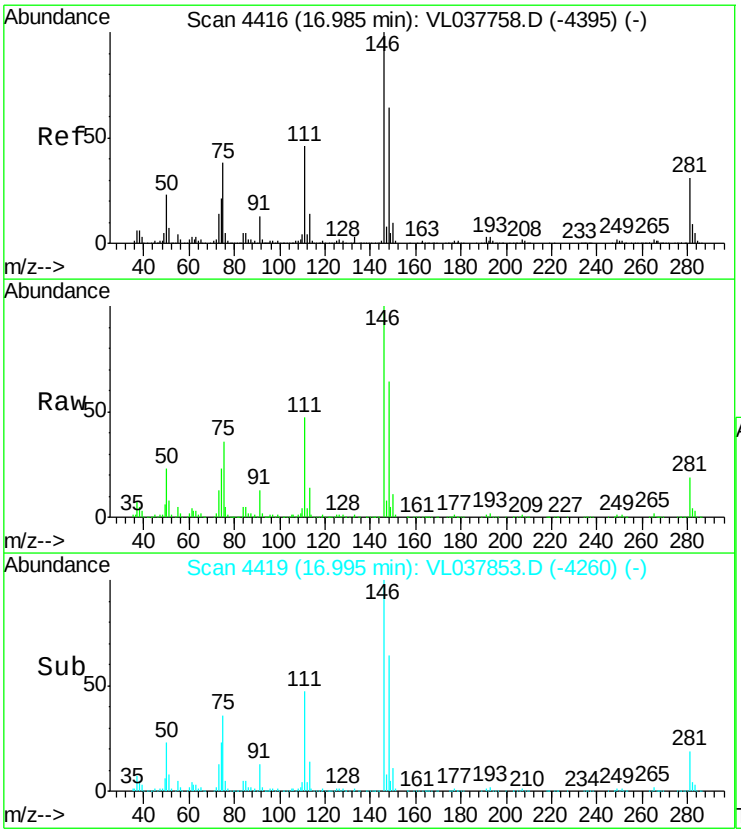
#65
tert-Butylbenzene
Concen: 8.046 ppbv
RT: 16.75
Delta R.T
Lab File:
Acq: 18 Oct 2021 14:46

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:119 Resp: 5035832

Ion	Ratio	Lower	Upper
119	100		
91	77.1	62.6	94.0
134	20.9	16.3	24.5

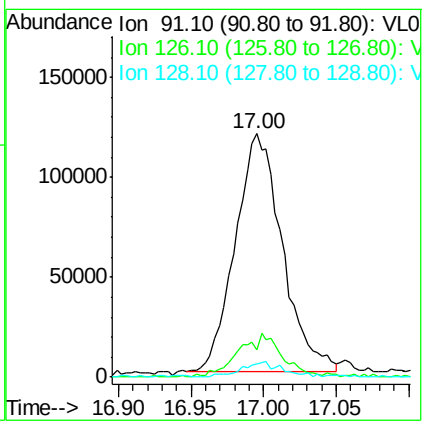


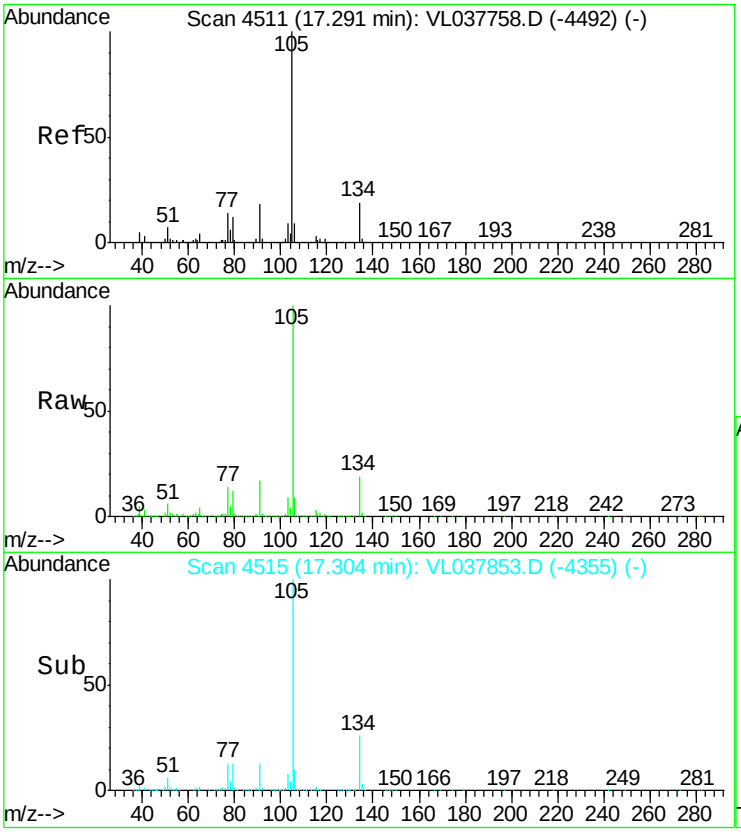


#66
Benzyl Chloride
Concen: 8.682 ppbv
RT: 17.00 min Scan# 4419
Delta R.T. 0.01 min
Lab File: VL037853.D
Acq: 18 Oct 2021 14:46

Tgt Ion: 91 Resp: 268185

Ion	Ratio	Lower	Upper
91	100		
126	18.0	0.0	0.0#
128	6.1	5.3	7.9



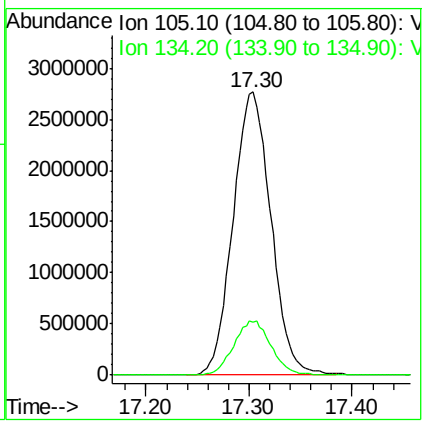


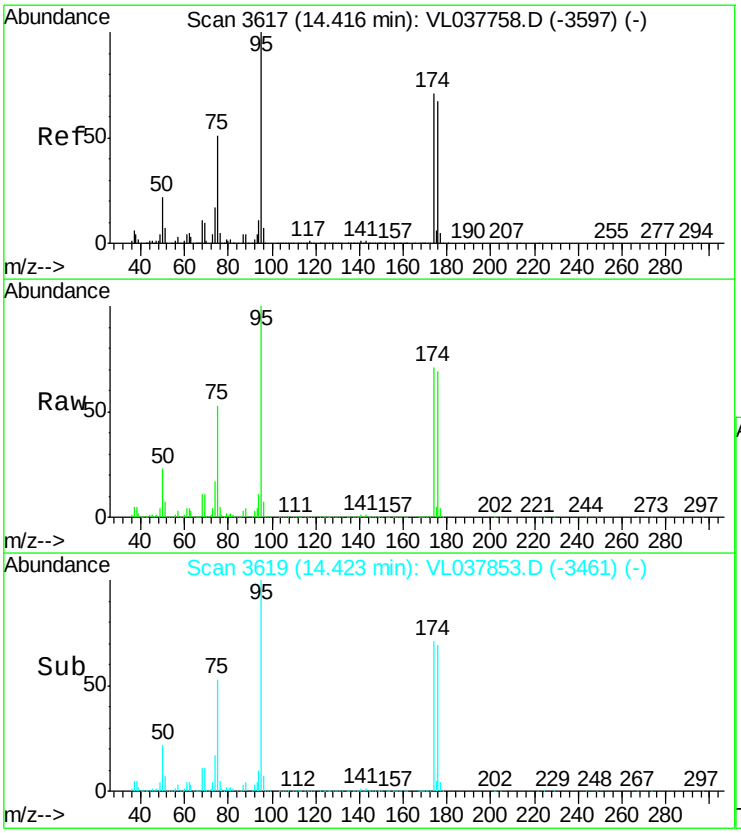
#67
sec-Butylbenzene
Concen: 8.235 ppbv
RT: 17.30
Delta R.T
Lab File:
Acq: 18 Oct 2021 14:46

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:105 Resp: 7049364

Ion	Ratio	Lower	Upper
105	100		
134	19.0	15.4	23.0

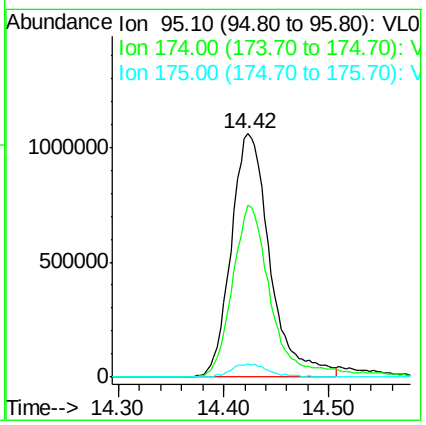


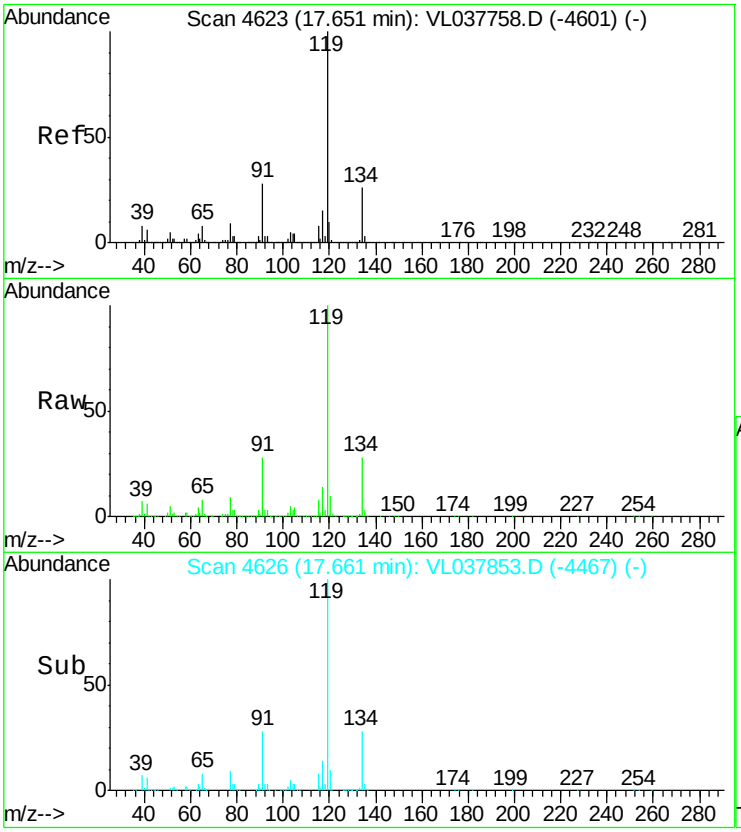


#68
1-Bromo-4-Fluorobenzene
Concen: 8.405 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. 0.01 min
Lab File: VL037853.D
Acq: 18 Oct 2021 14:46

Tgt Ion: 95 Resp: 2713465

Ion	Ratio	Lower	Upper
95	100		
174	71.5	57.8	86.6
175	5.5	4.7	7.1



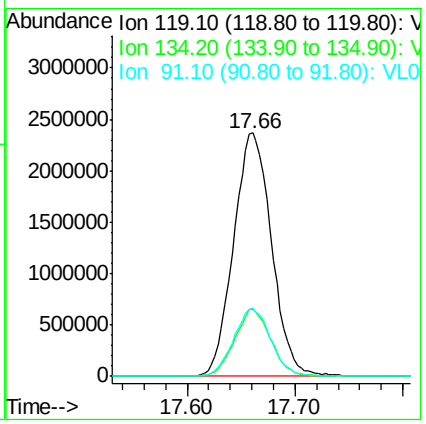


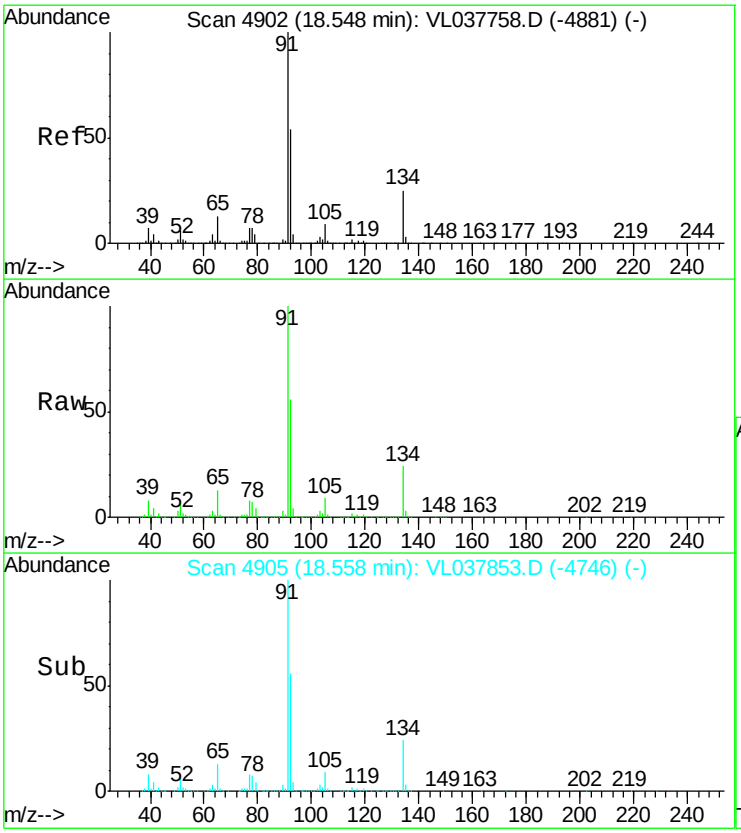
#69
p-Isopropyltoluene
Concen: 8.374 ppbv
RT: 17.66
Delta R.T
Lab File:
Acq: 18 Oct 2021 14:46

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:119 Resp: 5795122

Ion	Ratio	Lower	Upper
119	100		
134	26.4	21.2	31.8
91	27.5	22.2	33.4

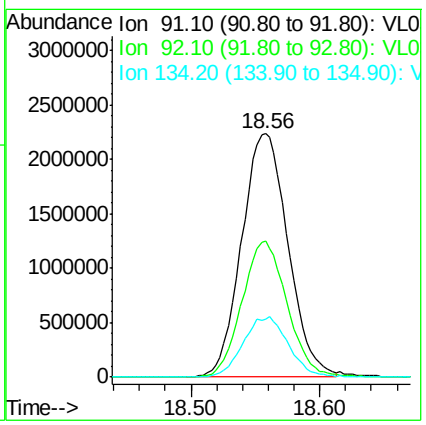


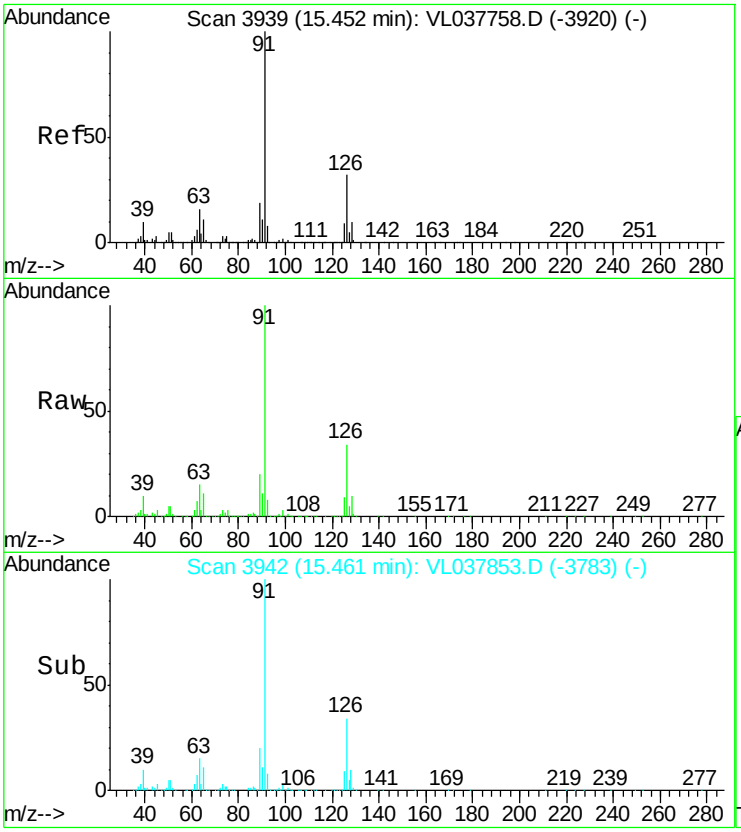


#70
n-Butylbenzene
Concen: 8.501 ppbv
RT: 18.56 min Scan# 4905
Delta R.T. 0.01 min
Lab File: VL037853.D
Acq: 18 Oct 2021 14:46

Tgt Ion: 91 Resp: 5589425

Ion	Ratio	Lower	Upper
91	100		
92	54.6	43.4	65.0
134	24.4	19.8	29.6



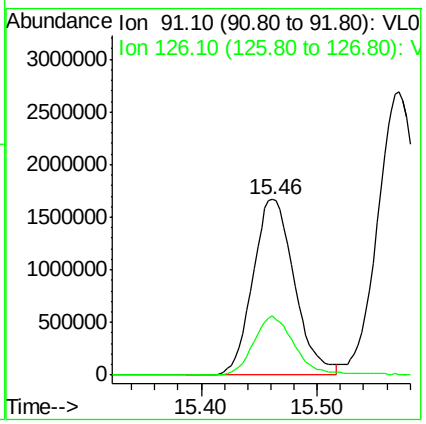


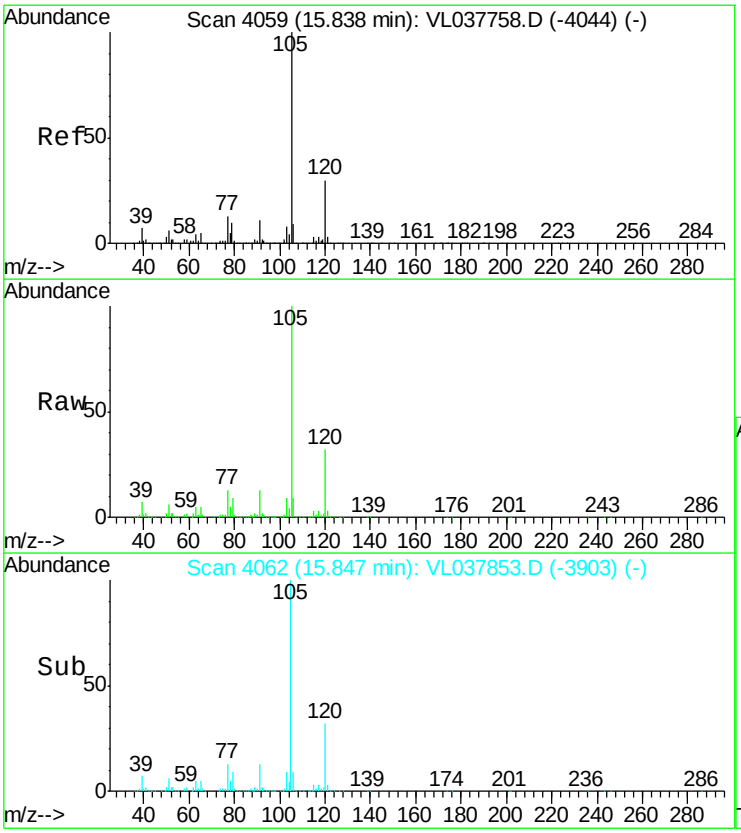
#71
2-Chlorotoluene
Concen: 8.290 ppbv
RT: 15.46
Delta R.T
Lab File:
Acq: 18 Oct 2021 14:46

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 91 Resp: 4163789

Ion	Ratio	Lower	Upper
91	100		
126	33.9	13.6	54.6

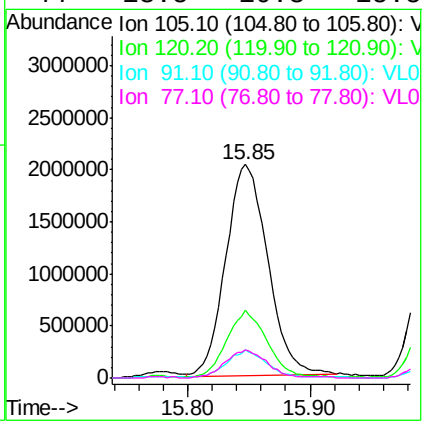


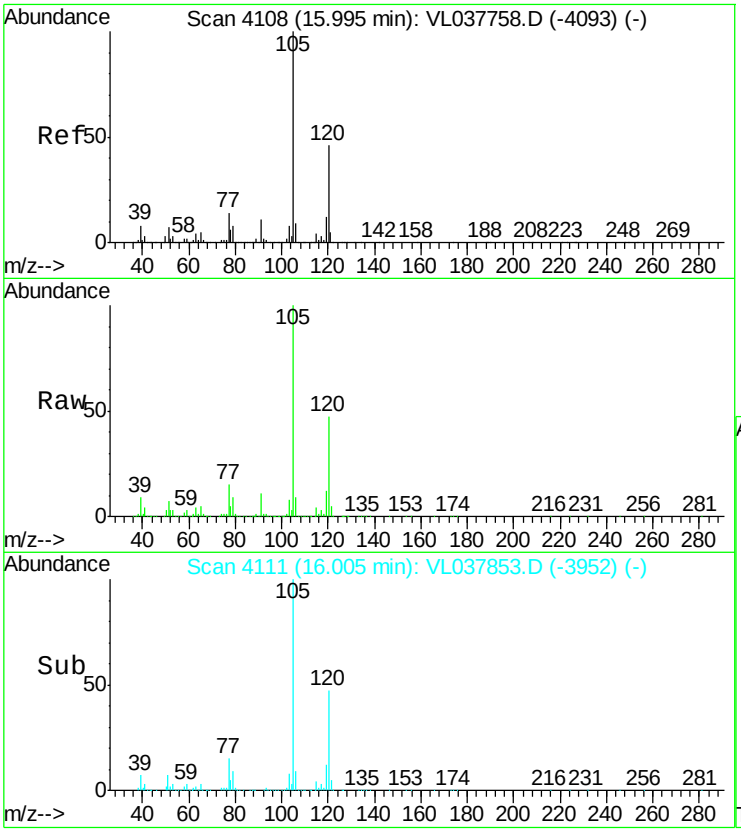


#72
4-Ethyltoluene
Concen: 8.373 ppbv
RT: 15.85 min Scan# 4062
Delta R.T. 0.01 min
Lab File: VL037853.D
Acq: 18 Oct 2021 14:46

Tgt Ion:105 Resp: 4848040

Ion	Ratio	Lower	Upper
105	100		
120	31.6	24.2	36.2
91	12.5	10.4	15.6
77	13.5	10.3	15.5



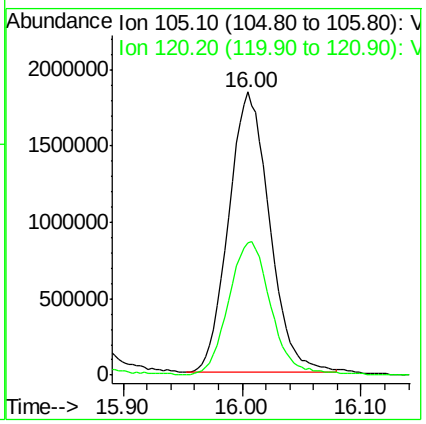


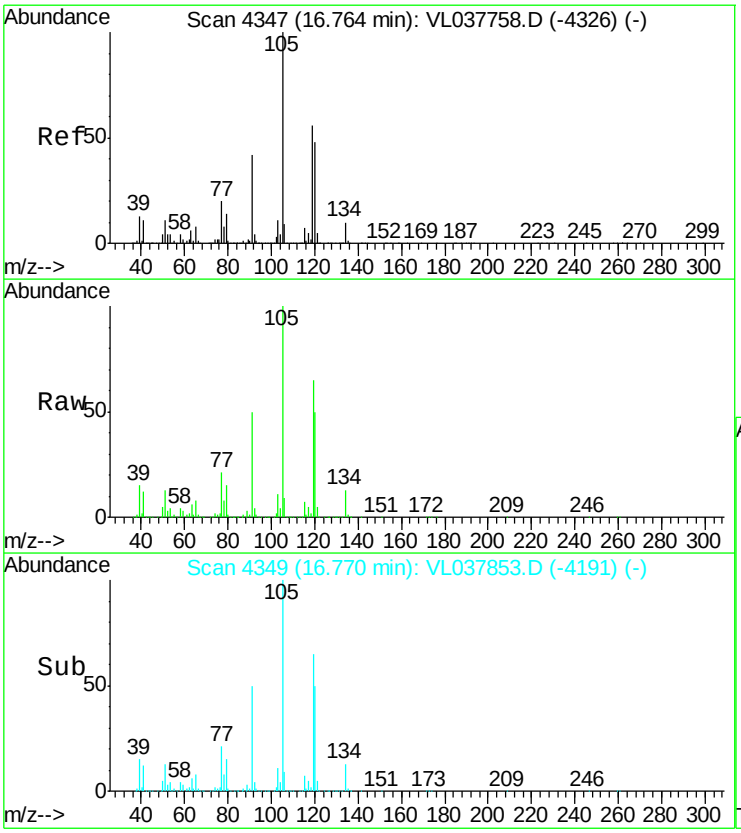
#73
1,3,5-Trimethylbenzene
Concen: 8.322 ppbv
RT: 16.00
Delta R.T
Lab File:
Acq: 18 Oct 2021 14:46

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:105 Resp: 4377096

Ion	Ratio	Lower	Upper
105	100		
120	46.9	36.6	54.8

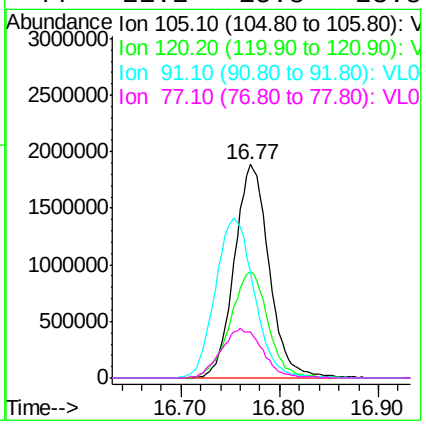


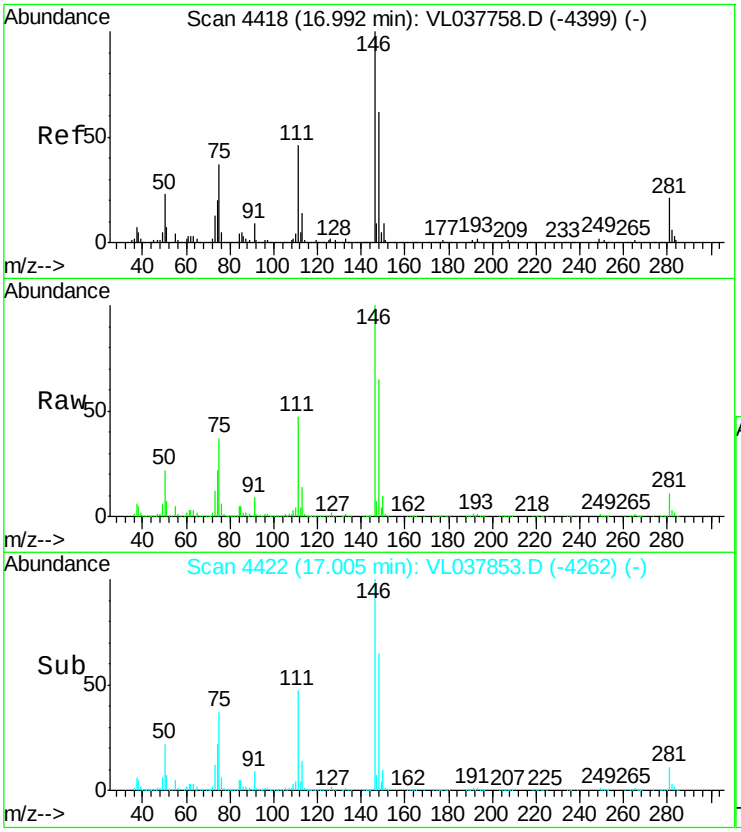


#74
1,2,4-Trimethylbenzene
Concen: 8.348 ppbv
RT: 16.77 min Scan# 4349
Delta R.T. 0.01 min
Lab File: VL037853.D
Acq: 18 Oct 2021 14:46

Tgt Ion:105 Resp: 4610711

Ion	Ratio	Lower	Upper
105	100		
120	49.4	38.4	57.6
91	49.5	34.2	51.2
77	21.2	15.8	23.8



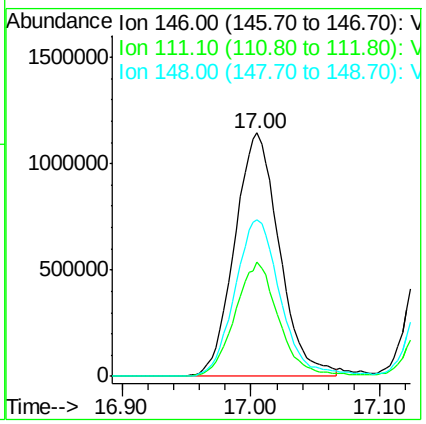


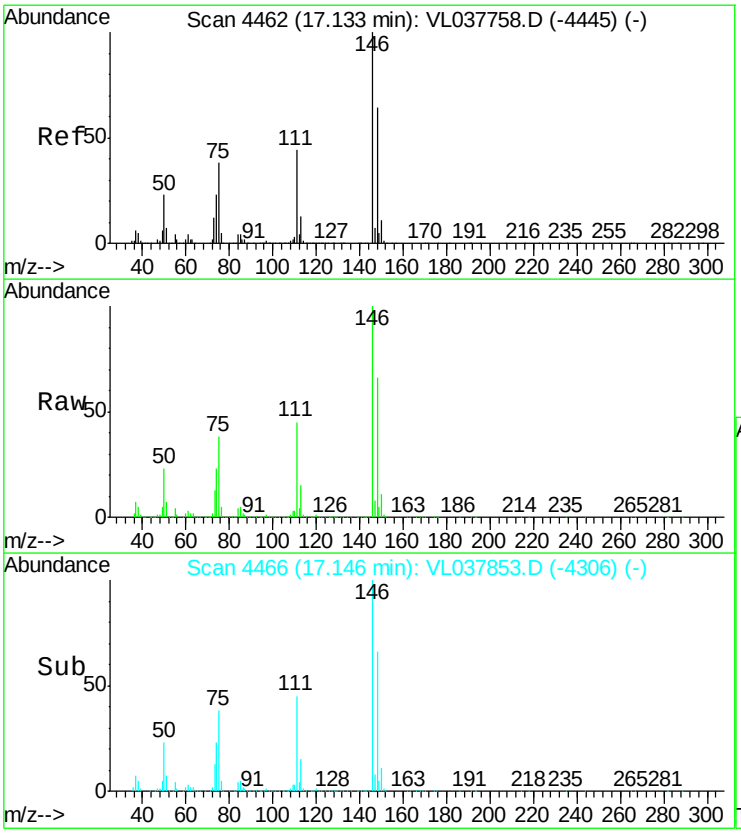
#75
1,3-Dichlorobenzene
Concen: 8.048 ppbv
RT: 17.00
Delta R.T
Lab File:
Acq: 18 Oct 2021 14:46

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:146 Resp: 2753768

Ion	Ratio	Lower	Upper
146	100		
111	46.2	22.8	68.4
148	65.9	32.8	98.3

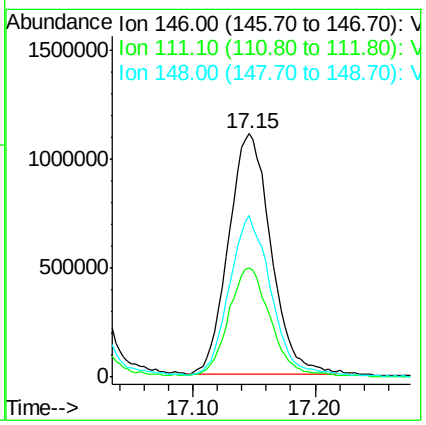


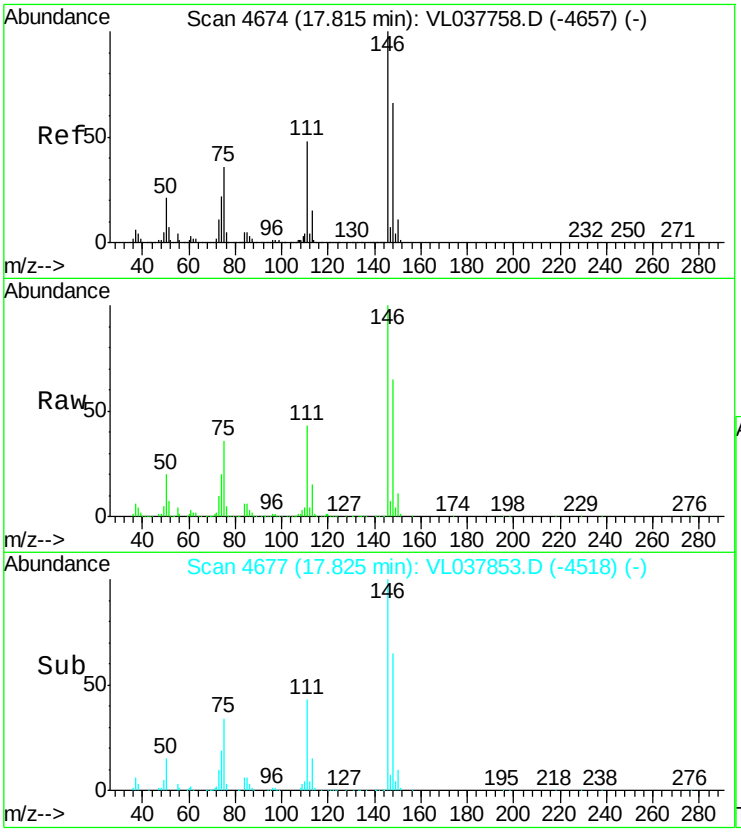


#76
1,4-Dichlorobenzene
Concen: 8.062 ppbv
RT: 17.15 min Scan# 4466
Delta R.T. 0.01 min
Lab File: VL037853.D
Acq: 18 Oct 2021 14:46

Tgt Ion:146 Resp: 2631587

Ion	Ratio	Lower	Upper
146	100		
111	46.4	22.4	67.3
148	67.9	33.3	99.9



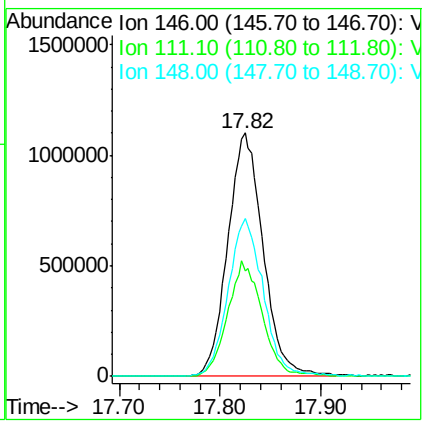


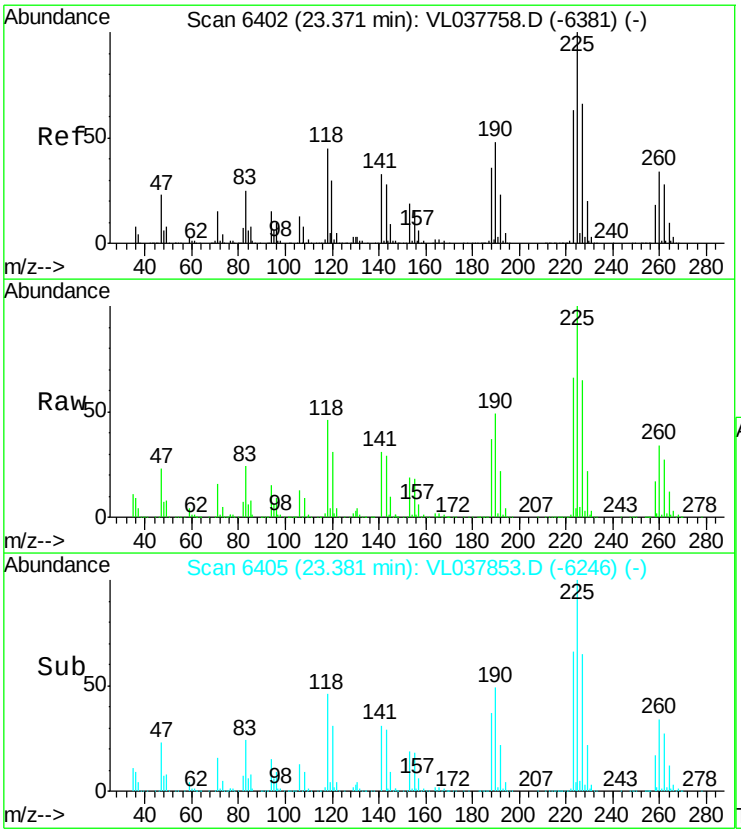
#77
1,2-Dichlorobenzene
Concen: 8.098 ppbv
RT: 17.82
Delta R.T
Lab File:
Acq: 18 Oct 2021 14:46

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:146 Resp: 2661700

Ion	Ratio	Lower	Upper
146	100		
111	46.4	23.6	70.8
148	64.6	32.9	98.6

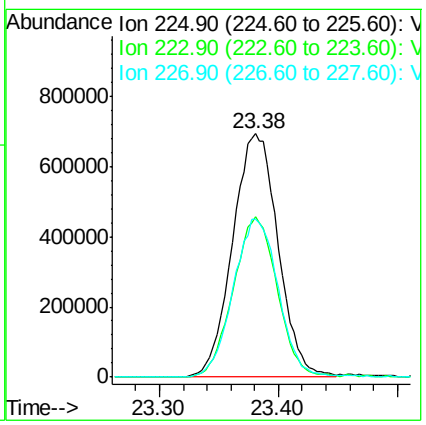


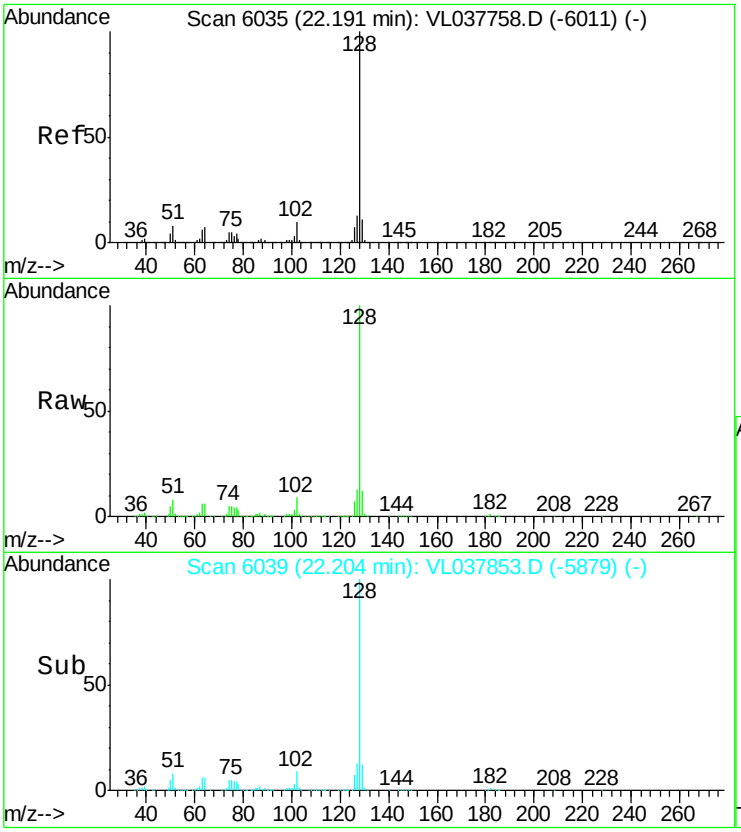


#78
Hexachloro-1,3-Butadiene
Concen: 6.790 ppbv
RT: 23.38 min Scan# 6405
Delta R.T. 0.01 min
Lab File: VL037853.D
Acq: 18 Oct 2021 14:46

Tgt Ion:225 Resp: 1822466

Ion	Ratio	Lower	Upper
225	100		
223	64.6	51.2	76.8
227	65.3	51.1	76.7



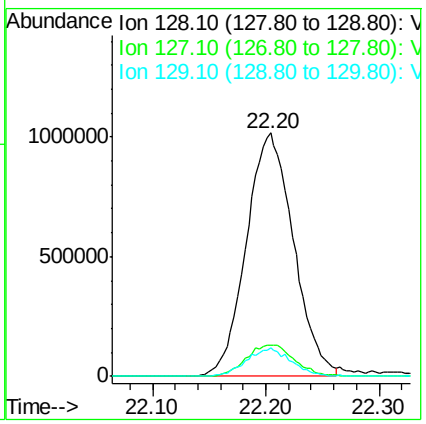


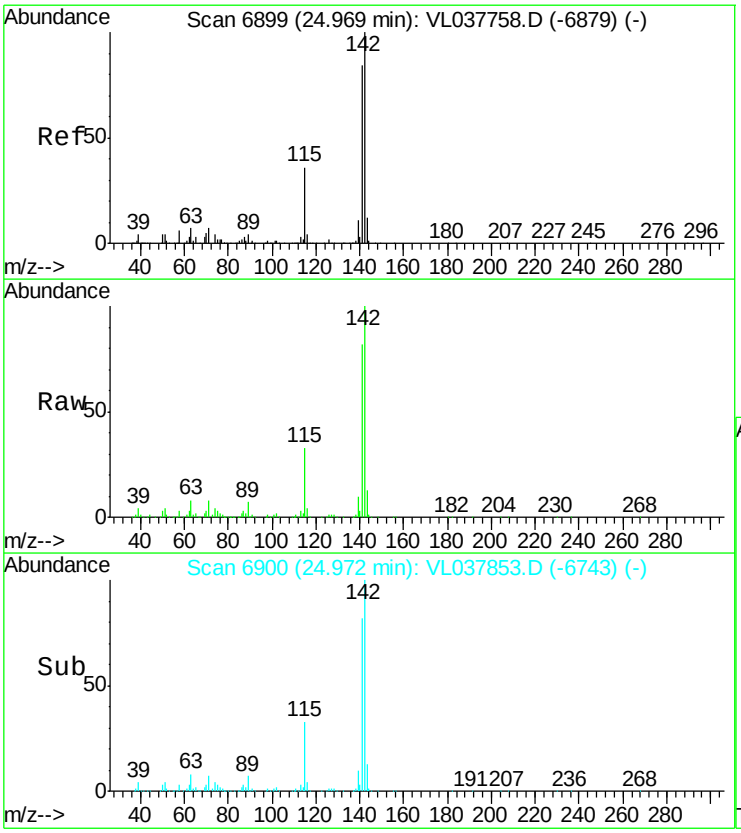
#79
Naphthalene
Concen: 8.688 ppbv
RT: 22.20
Delta R.T
Lab File:
Acq: 18 Oct 2021 14:46

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:128 Resp: 2938773

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.1	15.1
129	11.7	9.1	13.7

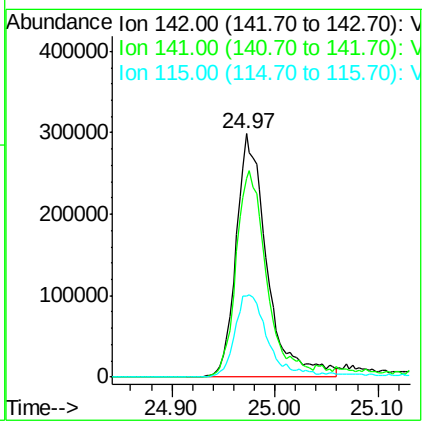


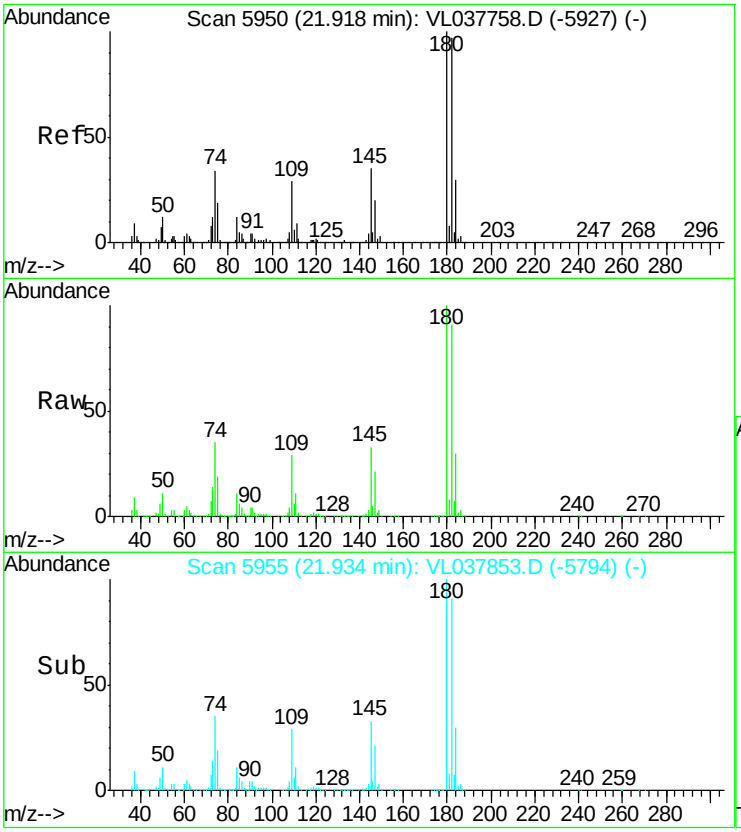


#80
Naphthalene,2-methyl-
Concen: 6.845 ppbv
RT: 24.97 min Scan# 6900
Delta R.T. 0.00 min
Lab File: VL037853.D
Acq: 18 Oct 2021 14:46

Tgt Ion:142 Resp: 621718

Ion	Ratio	Lower	Upper
142	100		
141	88.0	68.6	102.8
115	36.7	29.0	43.6





#81
1,2,4-Trichlorobenzene
Concen: 8.344 ppbv
RT: 21.93
Delta R.T
Lab File:
Acq: 18 Oct 2021 14:46

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:180 Resp: 1805048

Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.6	116.4
184	30.9	25.0	37.4