Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111821\

Quantitation Report (Not Reviewed)

Data File : VL038048.D
Acq On : 18 Nov 2021 10:04
Operator : SY/AP
Sample : VSTDICC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Quant Time: Nov 18 10:42:10 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Nov 18 10:39:10 2021
QLast Update : Thu Nov 18 10:39:10 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	930777	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	2741755	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.08	117	2480335	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	1800688	10.05	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	180379	0.953	ppbv		96
3) Chlorodifluoromethane	3.00	51	212482	0.878	ppbv		98
4) Chloromethane	3.15	50	68615	0.797	ppbv		97
5) Vinyl Chloride	3.26	62	67444	0.816	ppbv		97
6) Bromomethane	3.48	94	35125	0.795	ppbv		97
7) Chloroethane	3.56	64	21740	0.748	ppbv		91
8) Dichlorotetrafluoroethane	3.19	85	174128	0.888	ppbv		99
9) Propene	3.02	41	73642	0.807	ppbv		91
10) Heptane	8.12	43	188367	0.839	ppbv		98
11) Trichlorofluoromethane	3.95	101	151269	0.809	ppbv		100
12) 1,1,2-Trichlorotrifluoroet	4.49	101	109792	0.757	ppbv		99
13) Ethanol	3.63	45	3480	0.430	ppbv	#	1
14) Bromoethene	3.75	108	47435	0.782	ppbv		99
15) Acetone	3.87	43	77791	0.711	ppbv		90
16) 1,3-Butadiene	3.33	39	66182	0.817	ppbv		99
17) tert-Butyl alcohol	4.30	59	98250	0.668	ppbv		96
18) 1,1-Dichloroethene	4.29	96	49117	0.734	ppbv		90
19) Isopropyl Alcohol	3.99	45	44274	0.552	ppbv	#	98
20) Methylene Chloride	4.34	84	46255	0.721	ppbv		96
21) Allyl Chloride	4.41	41	71282	0.651	ppbv		95
22) trans-1,2-Dichloroethene	4.89	96	41085	0.608	ppbv		99
23) Vinyl Acetate	5.08	43	97253	0.537	ppbv	#	95
24) 1,1-Dichloroethane	5.01	63	103246	0.730	ppbv	#	97
25) Ethyl Acetate	5.68	43	286853	1.114	ppbv		99
26) Hexane	5.69	57	143691	1.111	ppbv		97
27) Carbon Disulfide	4.56	76	112847	0.665	ppbv	#	79
28) Methyl tert-Butyl Ether	5.04	73	113186	0.682	ppbv		97
29) Chloroform	5.75	83	203603	1.045	ppbv		99
30) Cyclohexane	7.13	84	121302	0.833	ppbv	#	76
31) cis-1,2-Dichloroethene	5.55	61	128316	1.198	ppbv		96
32) 1,1,1-Trichloroethane	6.51	97	199195	0.806	ppbv		97
34) 2-Butanone	5.26	43	111063	1.228	ppbv		95
35) Carbon Tetrachloride	7.02	117	202519	1.069	ppbv		98
36) Benzene	6.89	78	298950	1.146	ppbv		97
37) 1,2-Dichloroethane	6.30	62	138153	1.141	ppbv		100
38) Trichloroethene	7.83	130	58518	0.552	ppbv		93
39) 1,2-Dichloropropane	7.61	63	109340	1.085	ppbv		98
40) 1,4-Dioxane	7.85	88	11402	0.439	ppbv	#	1
41) Tetrahydrofuran	6.07	42	58002	0.894	ppbv	#	86
42) Bromodichloromethane	7.79	83	219236	1.150	ppbv		98
43) Methyl Methacrylate	8.01	69	97326	1.046	ppbv		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111821\

Quantitation Report (Not Reviewed)

Data File : VL038048.D
Acq On : 18 Nov 2021 10:04
Operator : SY/AP
Sample : VSTDICC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC001

Quant Time: Nov 18 10:42:10 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Nov 18 10:39:10 2021
QLast Update : Thu Nov 18 10:39:10 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	519228	1.159	ppbv		99
45) t-1,3-Dichloropropene	9.27	75	36571	0.475	ppbv		100
46) cis-1,3-Dichloropropene	8.69	75	51338	0.510	ppbv		95
47) 1,1,2-Trichloroethane	9.47	97	119493	1.167	ppbv		96
48) Dibromochloromethane	10.30	129	175818	1.056	ppbv		98
49) Bromoform	13.03	173	129486	1.008	ppbv		97
50) 4-Methyl-2-Pentanone	8.75	43	71235	0.437	ppbv	#	38
51) 2-Hexanone	10.15	43	62070	0.815	ppbv	#	76
52) Tetrachloroethene	11.22	164	63386	0.644	ppbv		96
53) Toluene	9.80	91	345174	1.132	ppbv		99
54) 1,2-Dibromoethane	10.60	107	90989	0.634	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.12	131	122810	1.134	ppbv	#	1
57) Chlorobenzene	12.14	112	250123	1.230	ppbv		98
58) Ethyl Benzene	12.70	91	453050	1.203	ppbv		99
59) m/p-Xylene	12.99	91	309250	0.988	ppbv	#	1
60) o-Xylene	13.68	91	363526	1.251	ppbv		97
61) Styrene	13.52	104	184178	1.137	ppbv		99
62) Isopropylbenzene	14.66	105	515035	1.226	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.67	83	252435	1.162	ppbv		99
64) n-propylbenzene	15.55	120	123945	1.157	ppbv		80
65) tert-Butylbenzene	16.73	119	469134	1.273	ppbv		99
66) Benzyl Chloride	16.98	91	7351	0.286	ppbv	#	64
67) sec-Butylbenzene	17.29	105	636395	1.250	ppbv		100
69) p-Isopropyltoluene	17.64	119	496723	1.210	ppbv		99
70) n-Butylbenzene	18.54	91	478177	1.271	ppbv		99
71) 2-Chlorotoluene	15.45	91	381639	1.269	ppbv		99
72) 4-Ethyltoluene	15.83	105	411082	1.187	ppbv		99
73) 1,3,5-Trimethylbenzene	15.99	105	372654	1.176	ppbv		100
74) 1,2,4-Trimethylbenzene	16.75	105	405559	1.271	ppbv	#	90
75) 1,3-Dichlorobenzene	16.99	146	127461	0.724	ppbv	#	46
76) 1,4-Dichlorobenzene	17.13	146	206101	1.142	ppbv		98
77) 1,2-Dichlorobenzene	17.81	146	205061	1.214	ppbv		98
78) Hexachloro-1,3-Butadiene	23.36	225	136466	1.246	ppbv		99
79) Naphthalene	22.19	128	182335	1.042	ppbv	#	95
80) Naphthalene,2-methyl-	25.09	142	4552	0.138	ppbv		96
81) 1,2,4-Trichlorobenzene	21.92	180	103548	1.046	ppbv		90

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

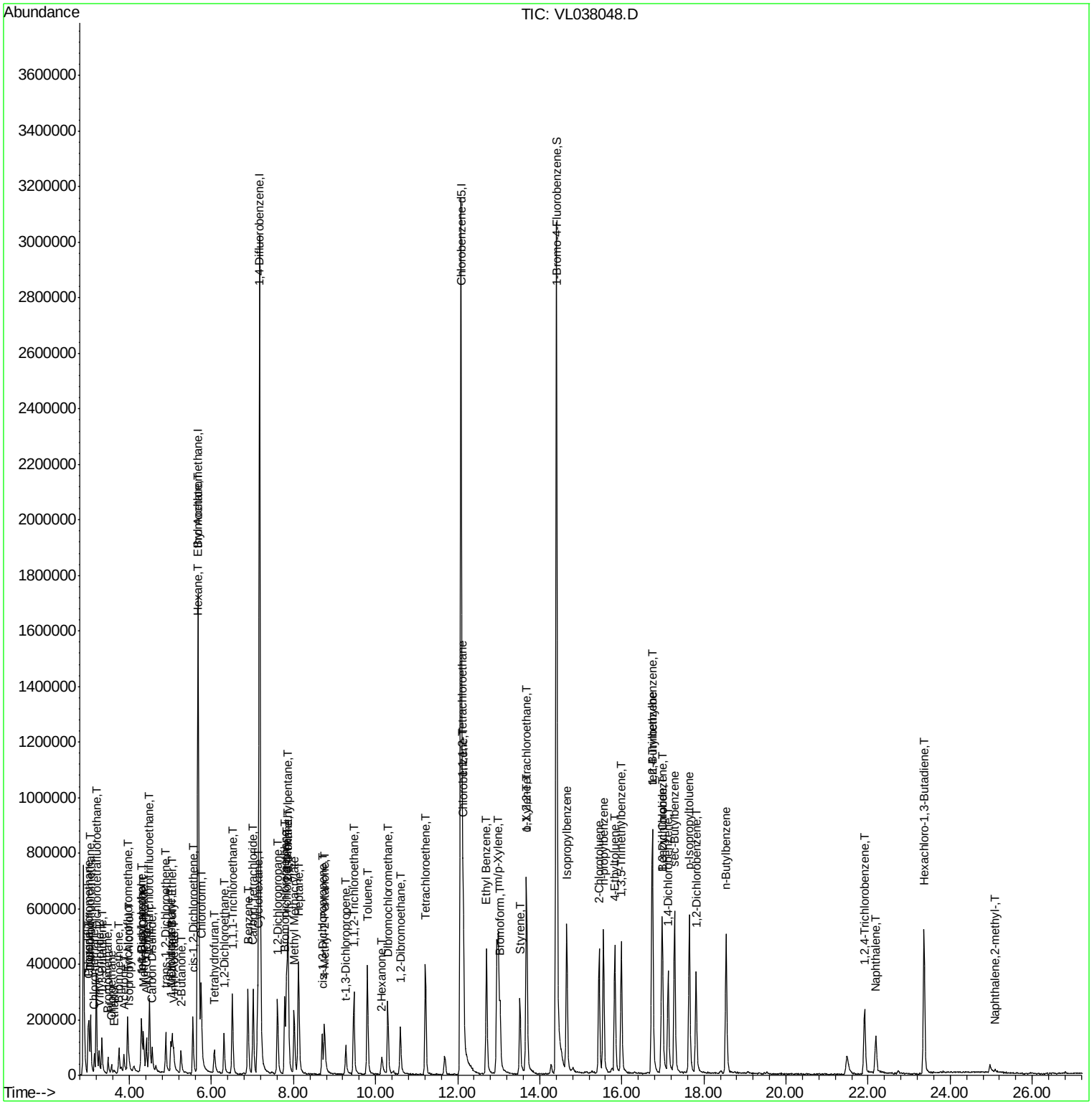
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111821\

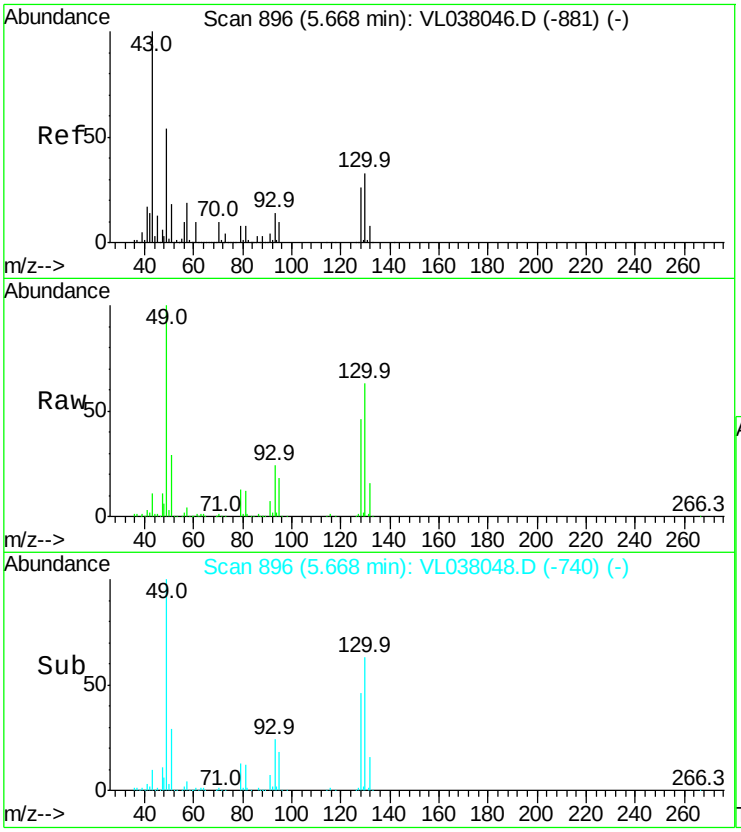
Quantitation Report (Not Reviewed)

Data File : VL038048.D
Acq On : 18 Nov 2021 10:04
Operator : SY/AP
Sample : VSTDICC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Quant Time: Nov 18 10:42:10 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Nov 18 10:39:10 2021
QLast Update : Thu Nov 18 10:39:10 2021
Response via : Initial Calibration



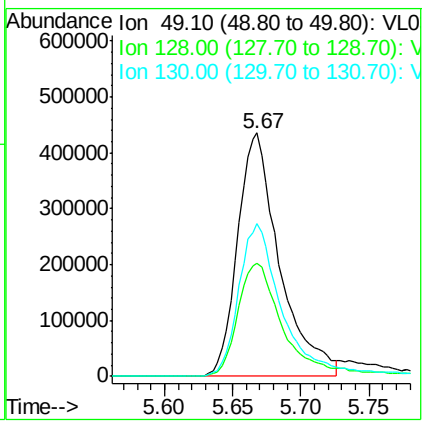


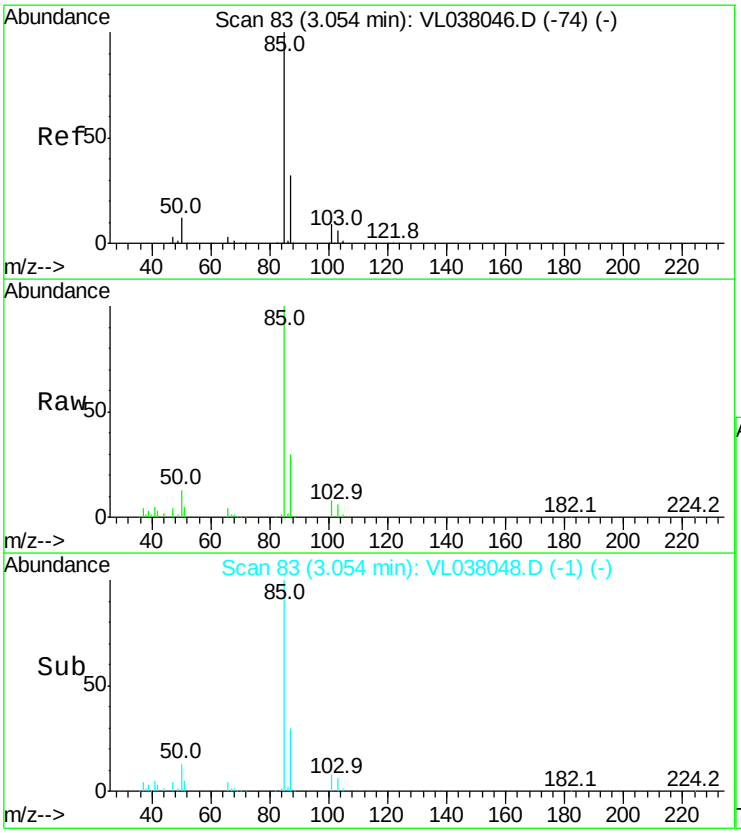
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 49 Resp: 930777

Ion	Ratio	Lower	Upper
49	100		
128	52.7	26.5	79.5
130	68.0	32.5	97.4

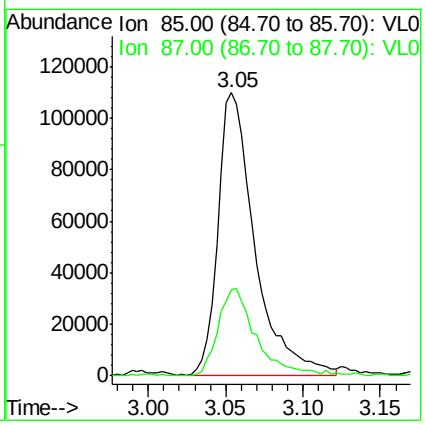


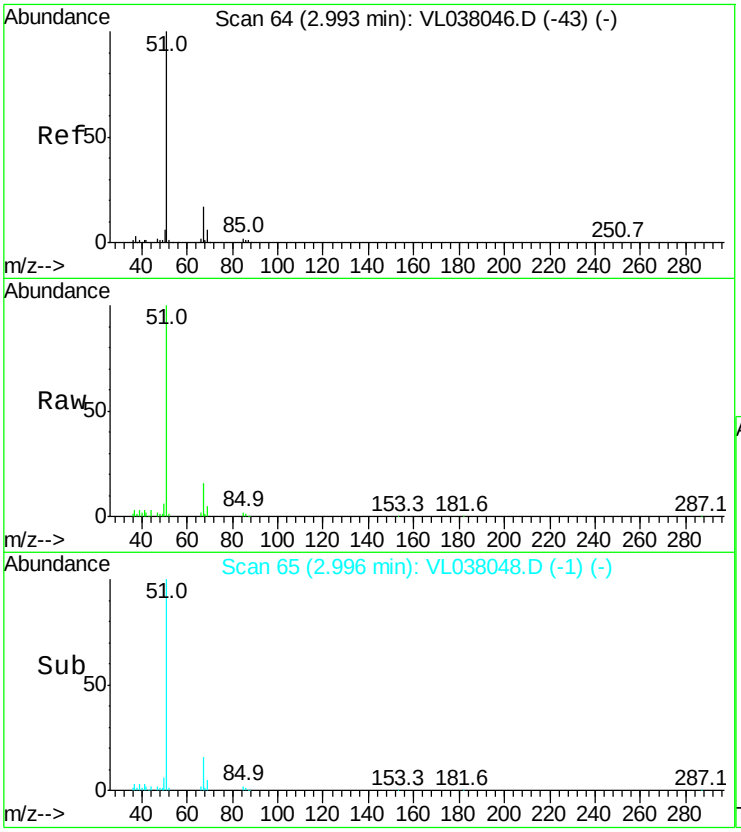


#2
Dichlorodifluoromethane
Concen: 0.953 ppbv
RT: 3.05 min Scan# 83
Delta R.T. 0.00 min
Lab File: VL038048.D
Acq: 18 Nov 2021 10:04

Tgt Ion: 85 Resp: 180379

Ion	Ratio	Lower	Upper
85	100		
87	30.1	25.8	38.6



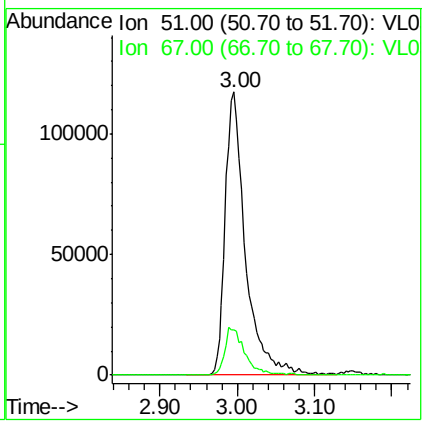


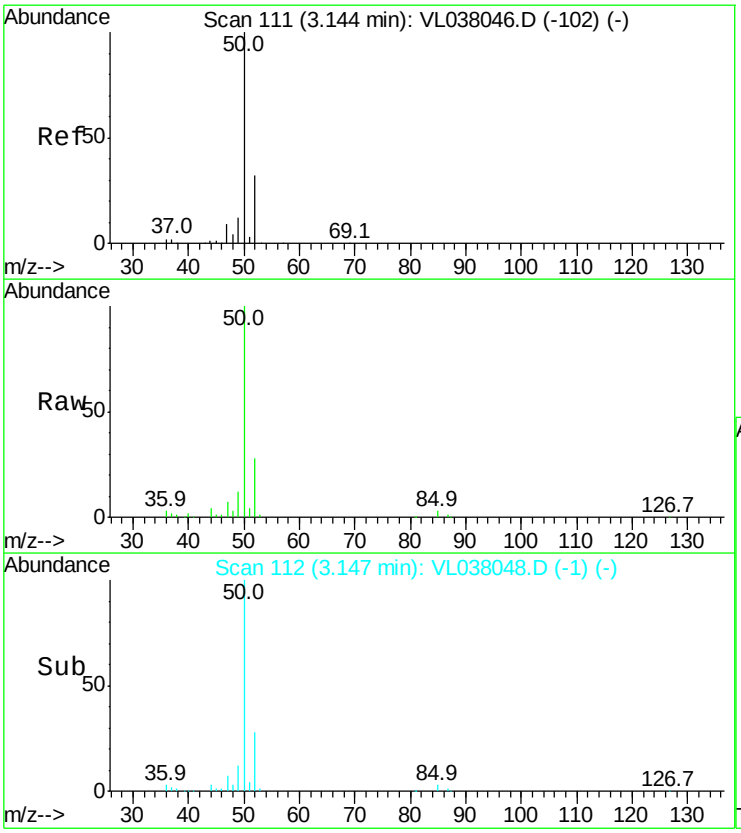
#3
Chlorodifluoromethane
Concen: 0.878 ppbv
RT: 3.00
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 51 Resp: 212482

Ion	Ratio	Lower	Upper
51	100		
67	16.6	13.8	20.8

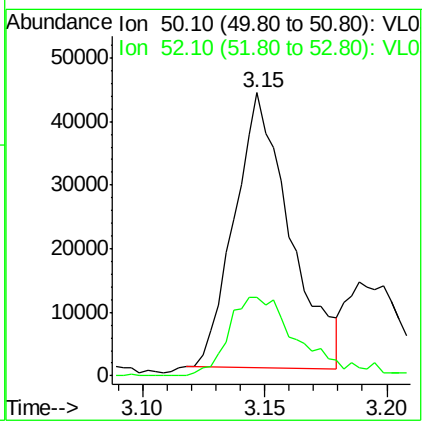


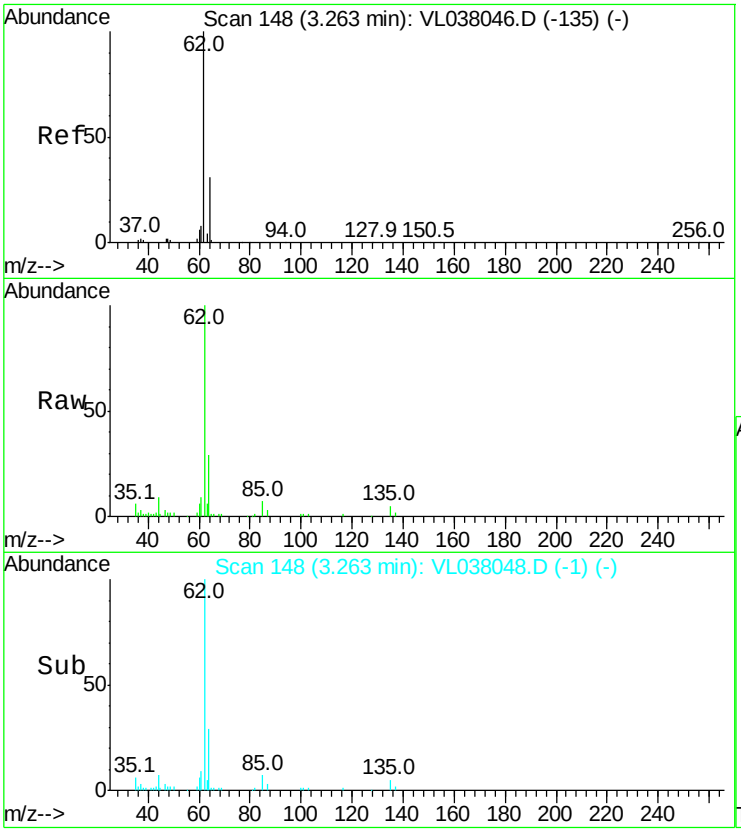


#4
Chloromethane
Concen: 0.797 ppbv
RT: 3.15 min Scan# 112
Delta R.T. 0.00 min
Lab File: VL038048.D
Acq: 18 Nov 2021 10:04

Tgt Ion: 50 Resp: 68615

Ion	Ratio	Lower	Upper
50	100		
52	29.8	25.4	38.0



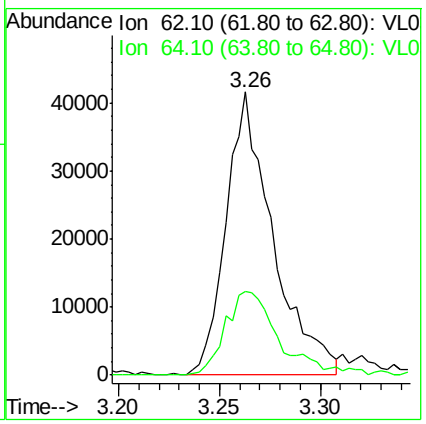


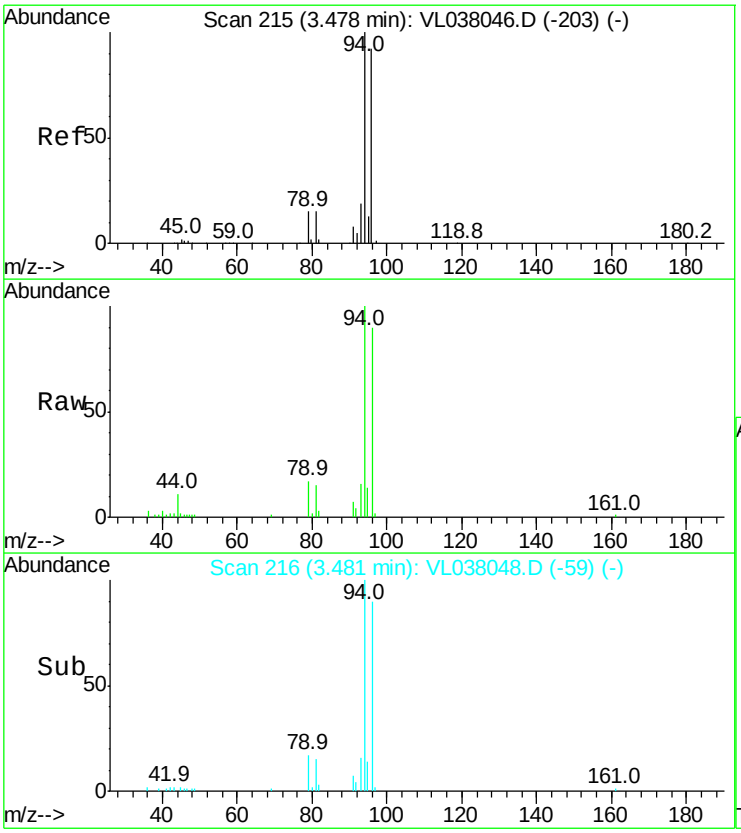
#5
Vinyl Chloride
Concen: 0.816 ppbv
RT: 3.26
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 62 Resp: 67444

Ion	Ratio	Lower	Upper
62	100		
64	29.9	25.1	37.7

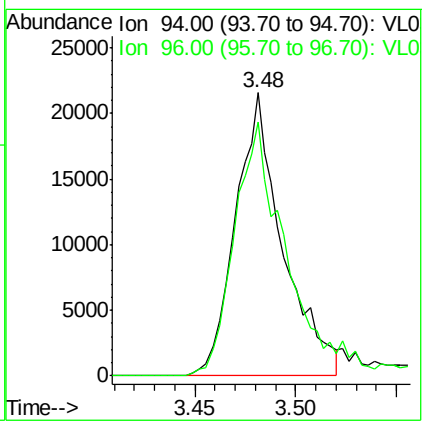


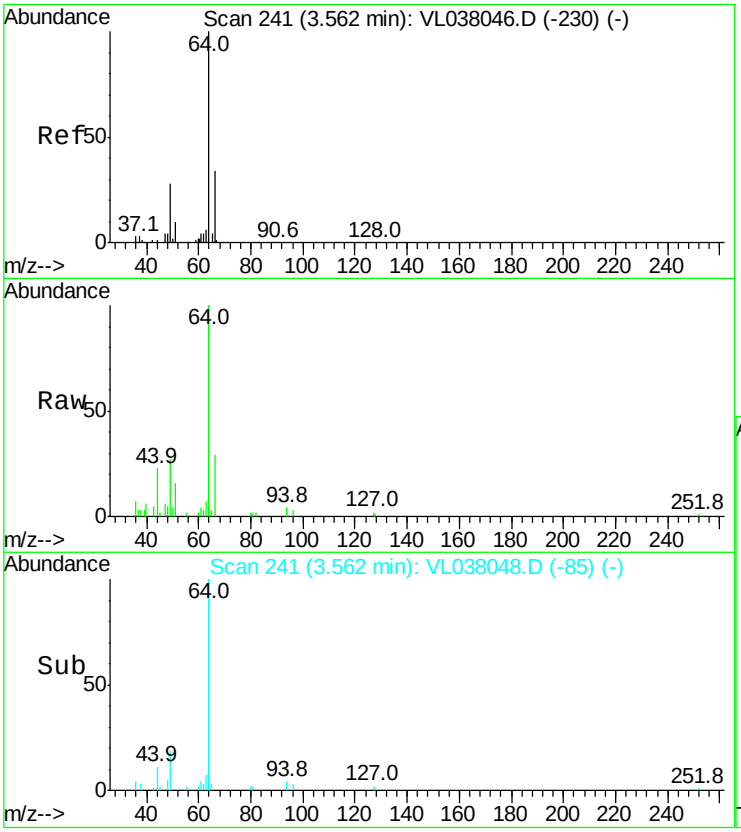


#6
Bromomethane
Concen: 0.795 ppbv
RT: 3.48 min Scan# 216
Delta R.T. 0.00 min
Lab File: VL038048.D
Acq: 18 Nov 2021 10:04

Tgt Ion: 94 Resp: 35125

Ion	Ratio	Lower	Upper
94	100		
96	89.8	73.9	110.9



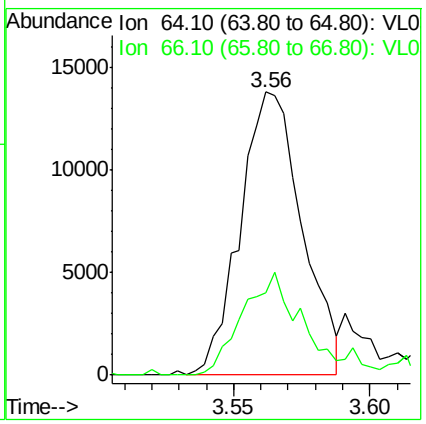


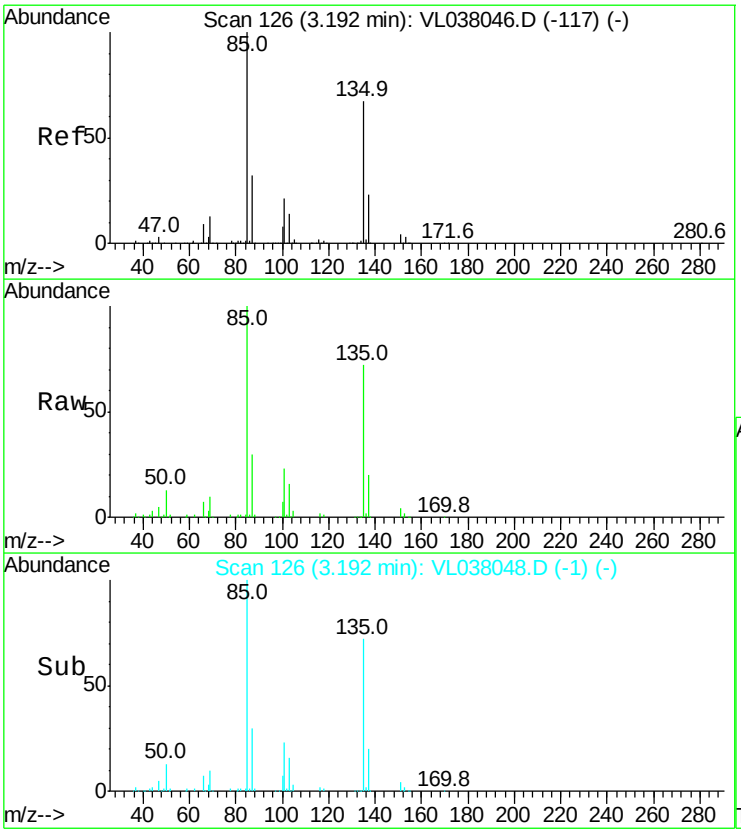
#7
Chloroethane
Concen: 0.748 ppbv
RT: 3.56
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 64 Resp: 21740

Ion	Ratio	Lower	Upper
64	100		
66	28.9	27.2	40.8

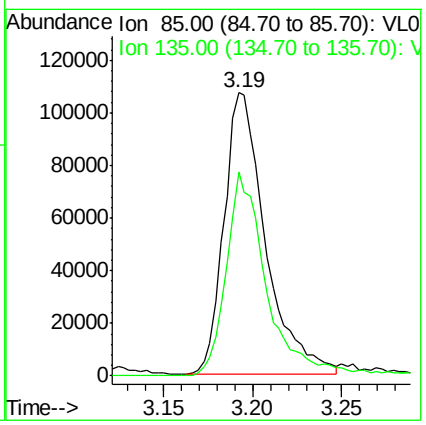


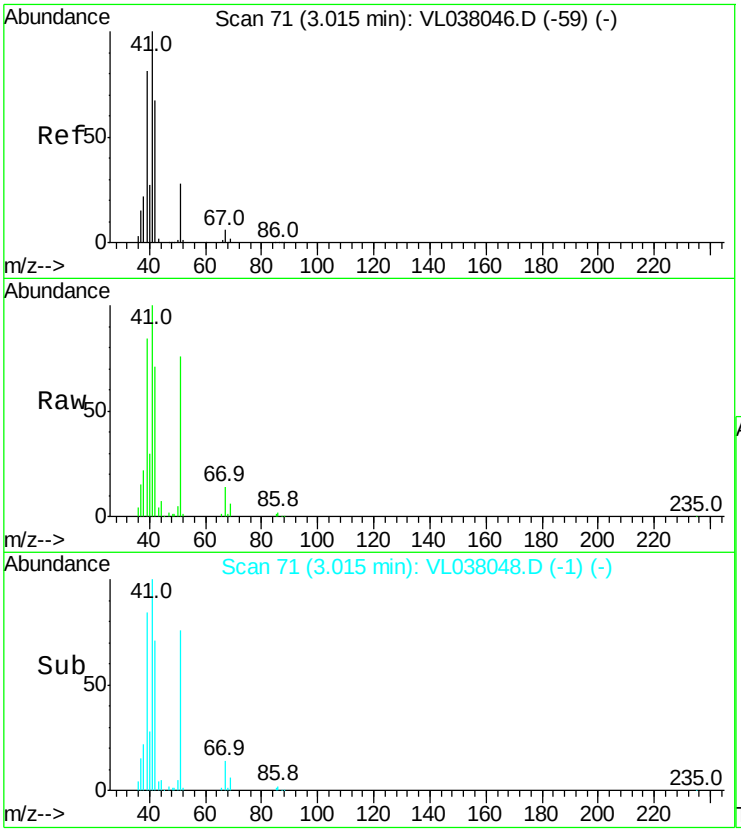


#8
Dichlorotetrafluoroethane
Concen: 0.888 ppbv
RT: 3.19 min Scan# 126
Delta R.T. 0.00 min
Lab File: VL038048.D
Acq: 18 Nov 2021 10:04

Tgt Ion: 85 Resp: 174128

Ion	Ratio	Lower	Upper
85	100		
135	71.2	57.9	86.9



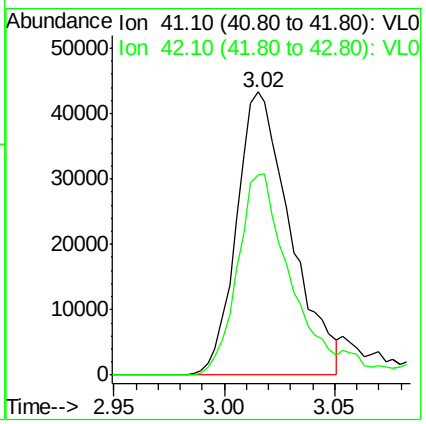


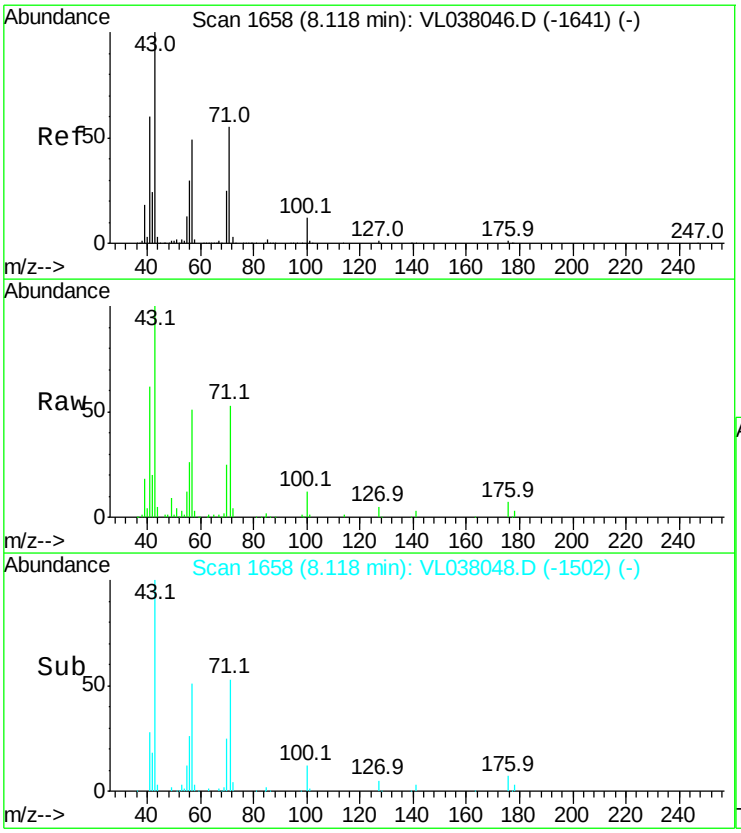
#9
Propene
Concen: 0.807 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 41 Resp: 73642

Ion	Ratio	Lower	Upper
41	100		
42	74.3	53.8	80.8

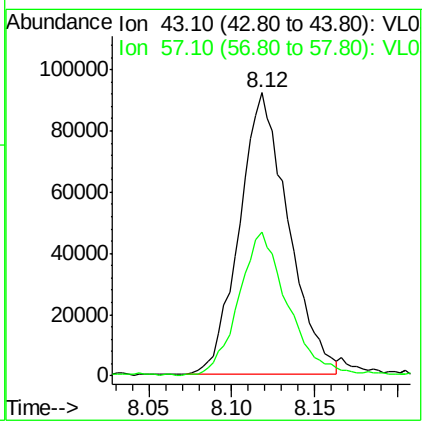


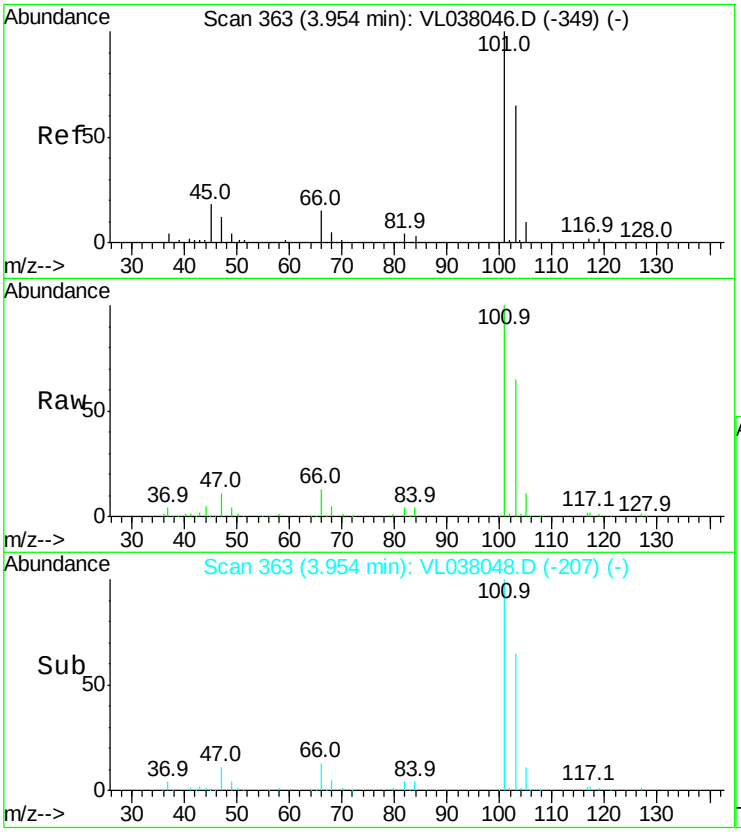


#10
Heptane
Concen: 0.839 ppbv
RT: 8.12 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VL038048.D
Acq: 18 Nov 2021 10:04

Tgt Ion: 43 Resp: 188367

Ion	Ratio	Lower	Upper
43	100		
57	51.7	40.4	60.6



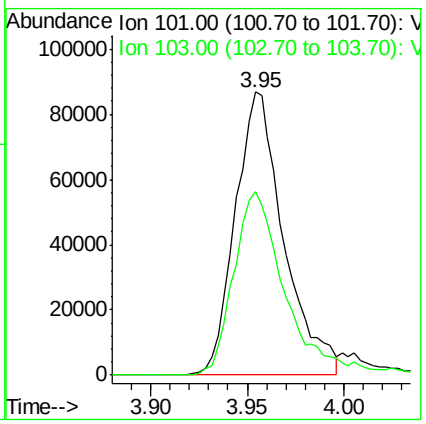


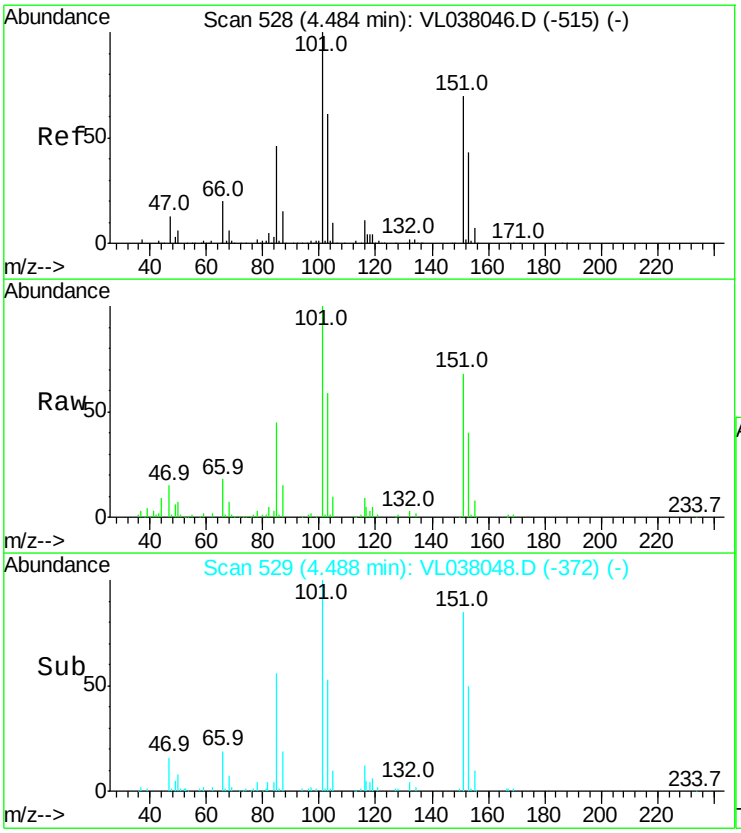
#11
Trichlorofluoromethane
Concen: 0.809 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:101 Resp: 151269

Ion	Ratio	Lower	Upper
101	100		
103	64.9	51.8	77.6

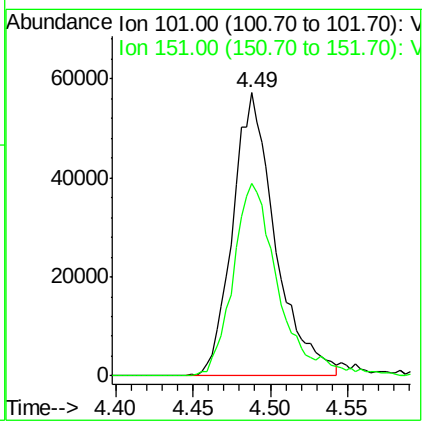


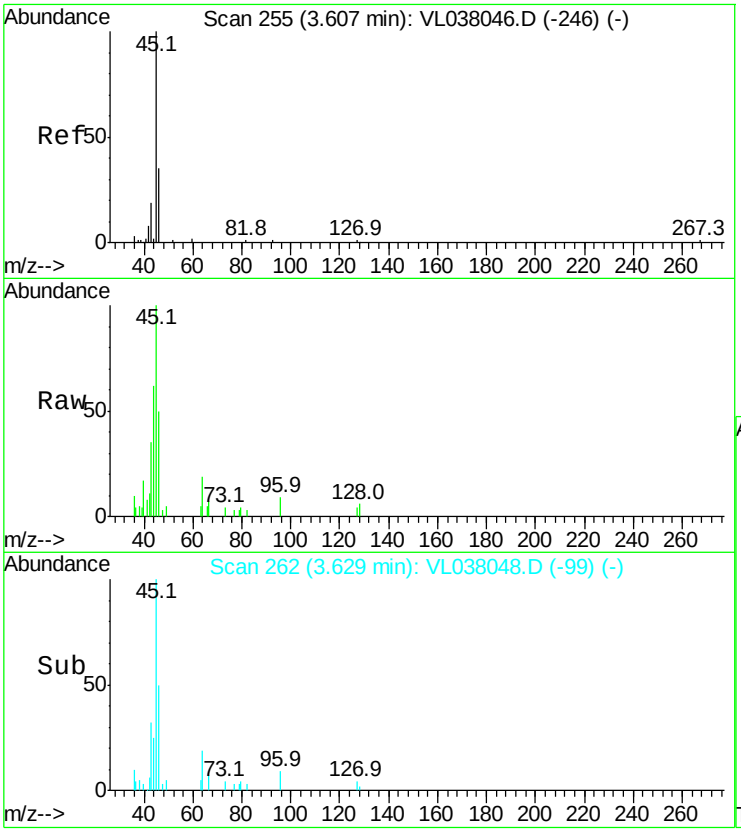


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.757 ppbv
RT: 4.49 min Scan# 529
Delta R.T. 0.00 min
Lab File: VL038048.D
Acq: 18 Nov 2021 10:04

Tgt Ion:101 Resp: 109792

Ion	Ratio	Lower	Upper
101	100		
151	72.8	59.0	88.4



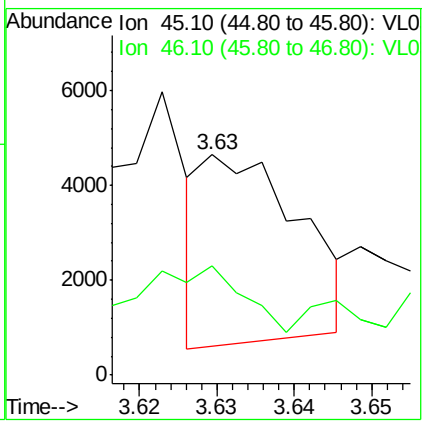


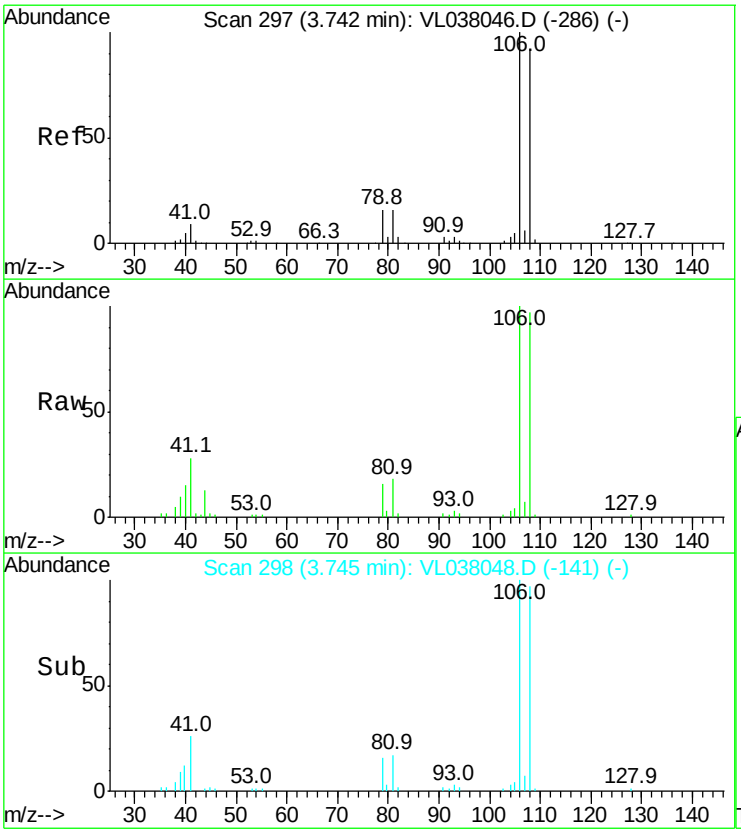
#13
Ethanol
Concen: 0.430 ppbv
RT: 3.63
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 45 Resp: 3480

Ion	Ratio	Lower	Upper
45	100		
46	166.0	17.6	70.2#

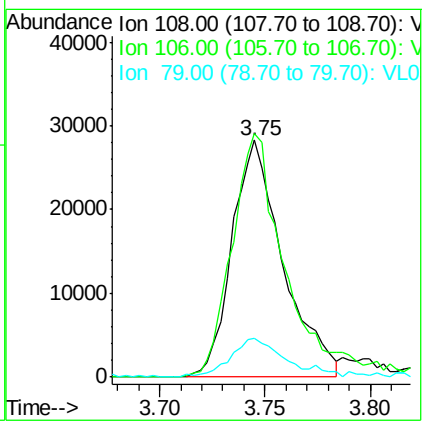


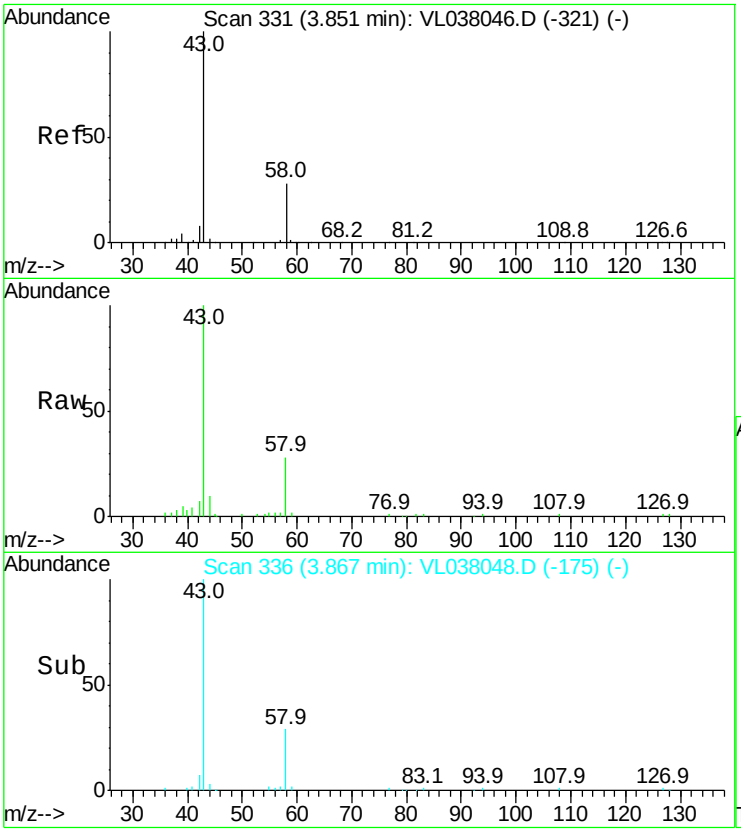


#14
Bromoethene
Concen: 0.782 ppbv
RT: 3.75 min Scan# 298
Delta R.T. 0.00 min
Lab File: VL038048.D
Acq: 18 Nov 2021 10:04

Tgt Ion:108 Resp: 47435

Ion	Ratio	Lower	Upper
108	100		
106	112.9	89.4	134.0
79	18.6	14.1	21.1



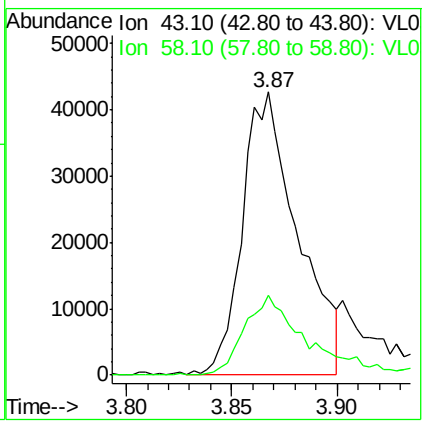


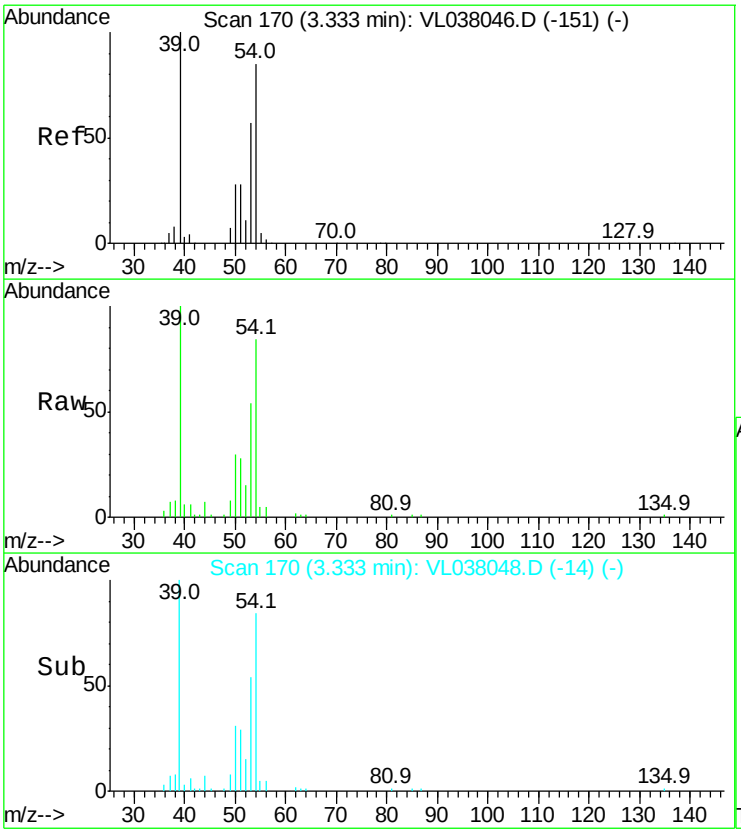
#15
Acetone
Concen: 0.711 ppbv
RT: 3.87
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 77791

Ion	Ratio	Lower	Upper
43	100		
58	33.4	22.4	33.6

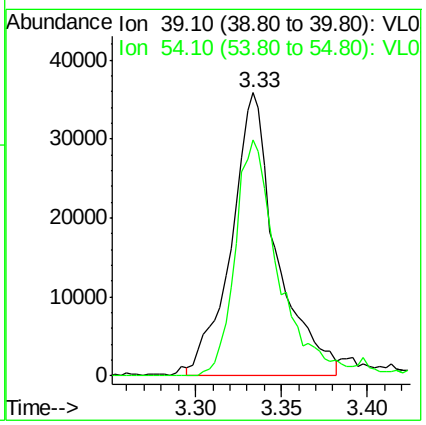


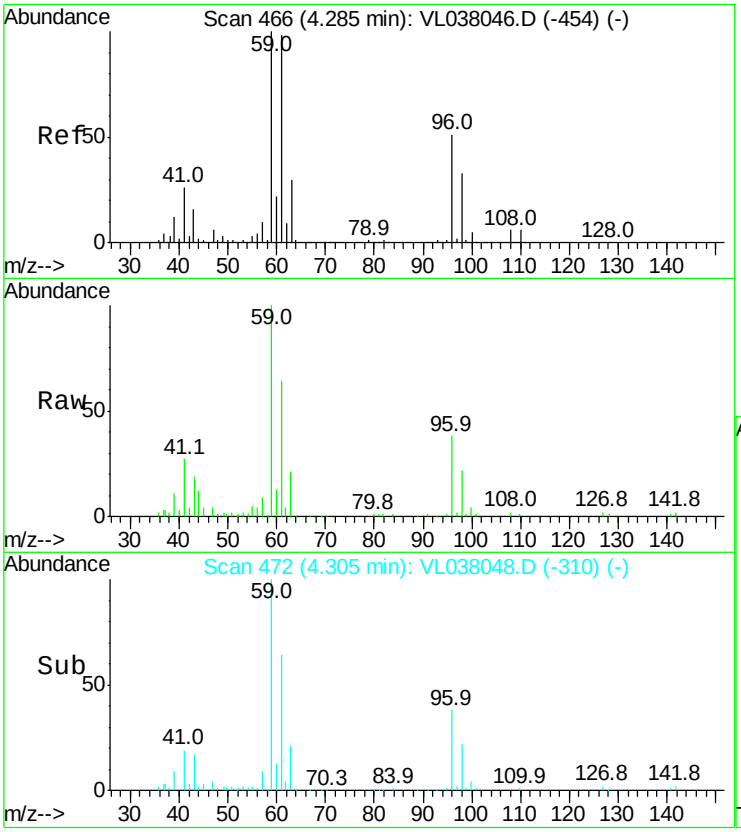


#16
1,3-Butadiene
Concen: 0.817 ppbv
RT: 3.33 min Scan# 170
Delta R.T. 0.00 min
Lab File: VL038048.D
Acq: 18 Nov 2021 10:04

Tgt Ion: 39 Resp: 66182

Ion	Ratio	Lower	Upper
39	100		
54	81.5	64.4	96.6



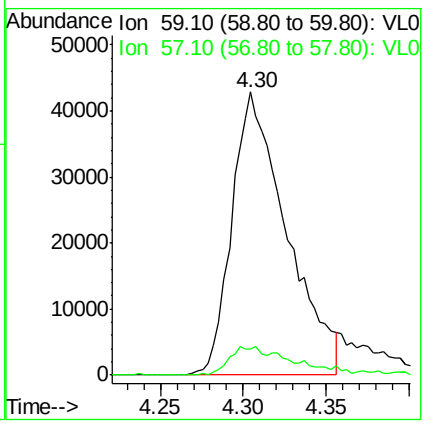


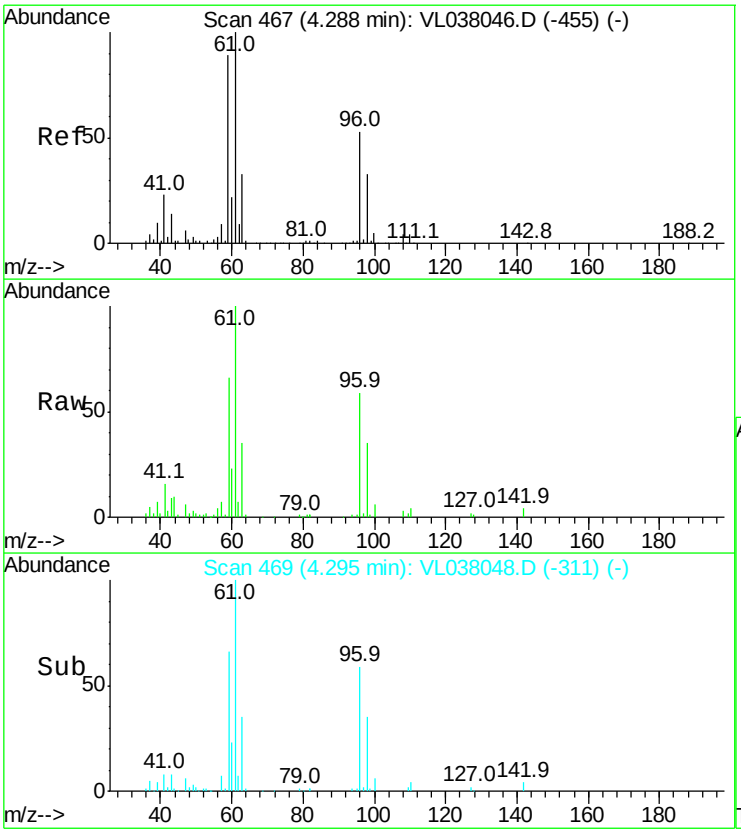
#17
tert-Butyl alcohol
Concen: 0.668 ppbv
RT: 4.30
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 59 Resp: 98250

Ion	Ratio	Lower	Upper
59	100		
57	12.4	8.6	13.0

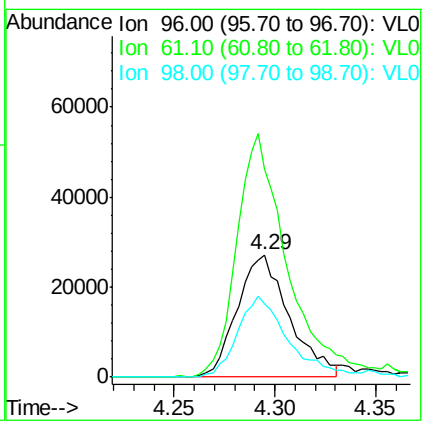


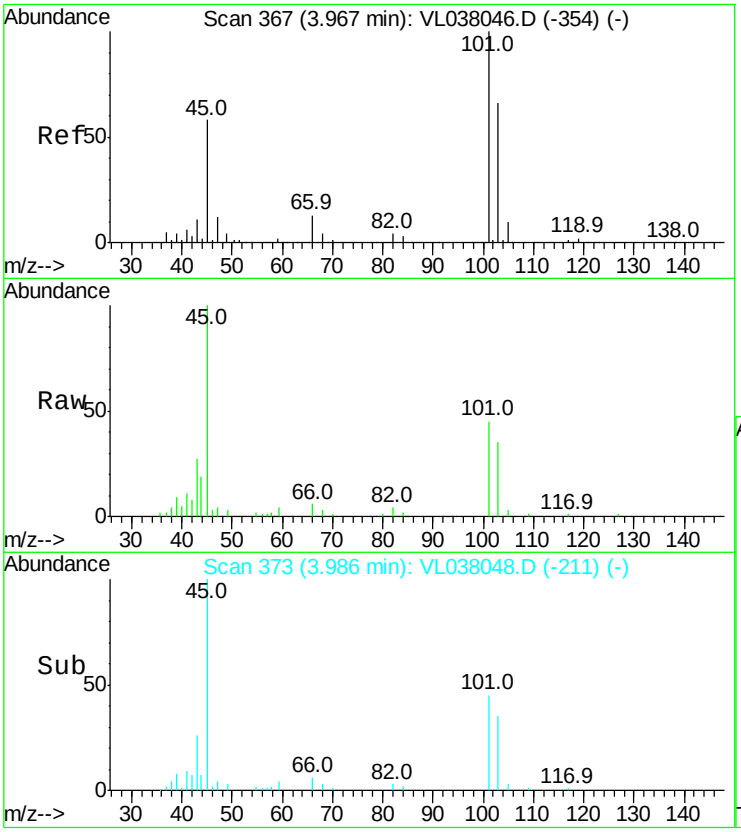


#18
1,1-Dichloroethene
Concen: 0.734 ppbv
RT: 4.29 min Scan# 469
Delta R.T. 0.01 min
Lab File: VL038048.D
Acq: 18 Nov 2021 10:04

Tgt Ion: 96 Resp: 49117

Ion	Ratio	Lower	Upper
96	100		
61	169.2	149.8	224.8
98	59.7	50.2	75.2



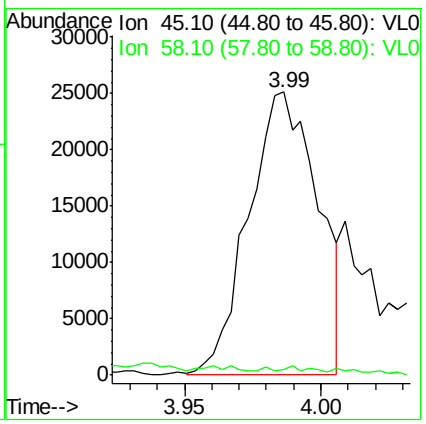


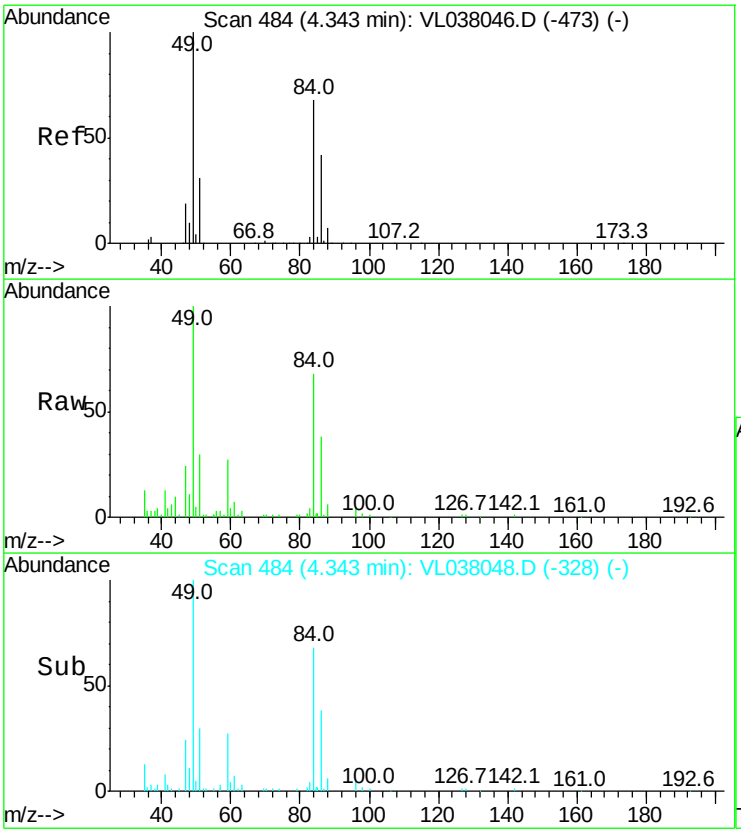
#19
Isopropyl Alcohol
Concen: 0.552 ppbv
RT: 3.99
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 45 Resp: 44274

Ion	Ratio	Lower	Upper
45	100		
58	2.4	1.4	2.0#

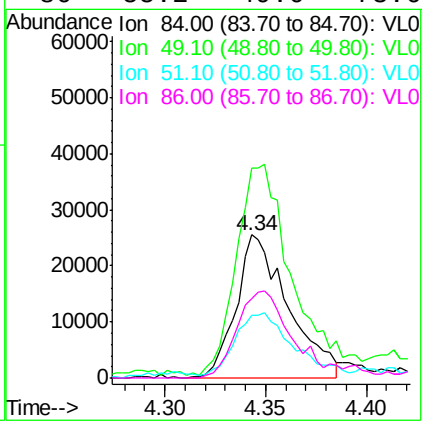


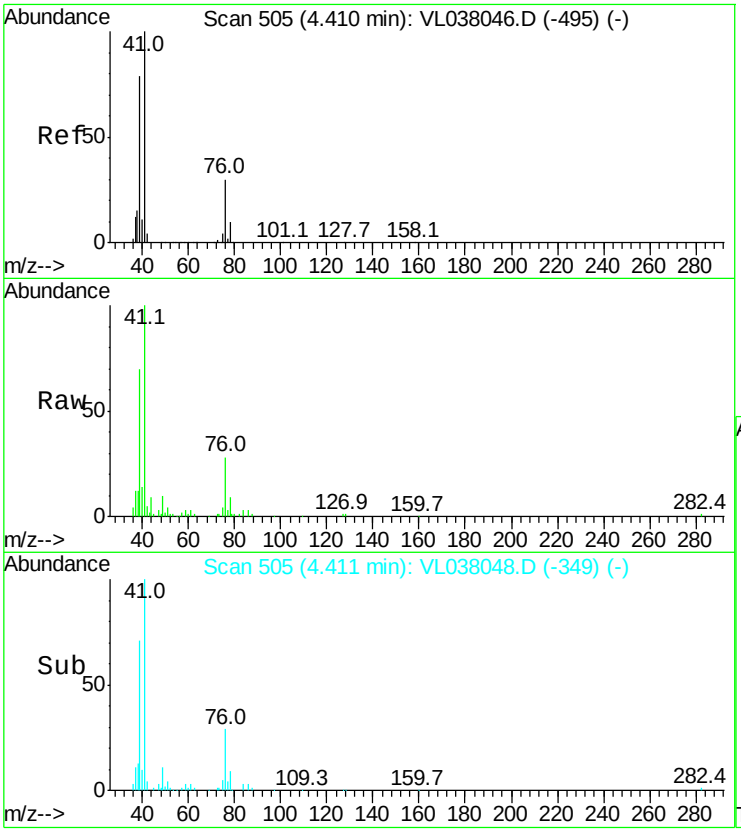


#20
Methylene Chloride
Concen: 0.721 ppbv
RT: 4.34 min Scan# 484
Delta R.T. 0.00 min
Lab File: VL038048.D
Acq: 18 Nov 2021 10:04

Tgt Ion: 84 Resp: 46255

Ion	Ratio	Lower	Upper
84	100		
49	144.9	118.2	177.2
51	41.2	36.8	55.2
86	55.2	49.0	73.6



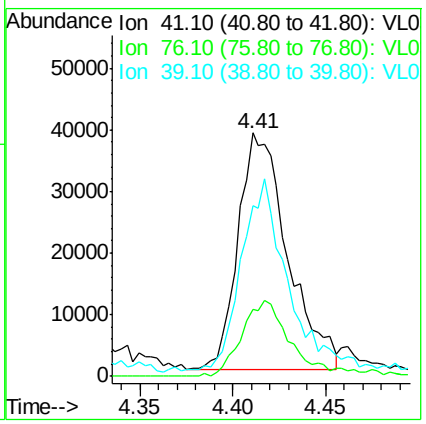


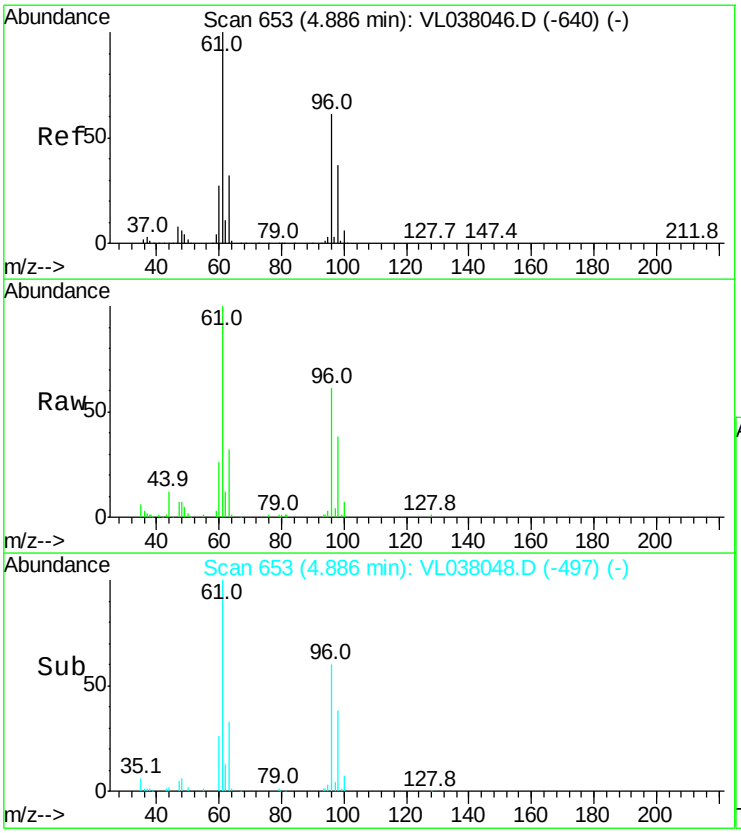
#21
Allyl Chloride
Concen: 0.651 ppbv
RT: 4.41
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 41 Resp: 71282

Ion	Ratio	Lower	Upper
41	100		
76	33.3	24.6	36.8
39	84.0	63.4	95.0

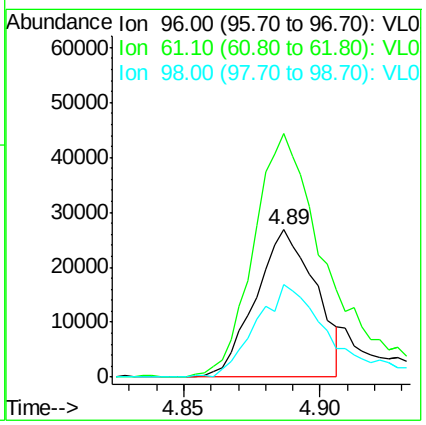


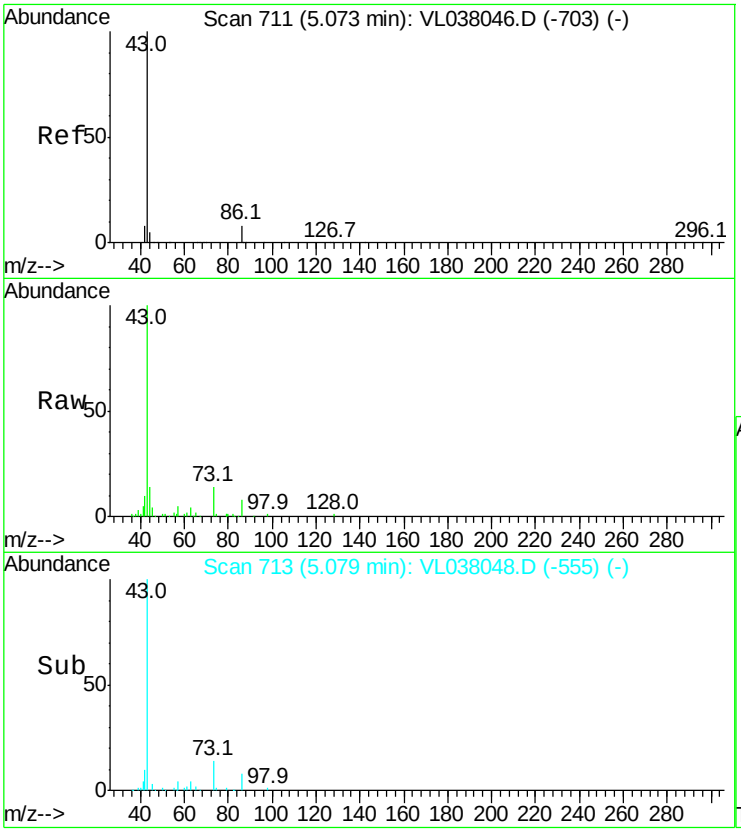


#22
trans-1,2-Dichloroethene
Concen: 0.608 ppbv
RT: 4.89 min Scan# 653
Delta R.T. 0.00 min
Lab File: VL038048.D
Acq: 18 Nov 2021 10:04

Tgt Ion: 96 Resp: 41085

Ion	Ratio	Lower	Upper
96	100		
61	165.2	131.6	197.4
98	63.0	48.4	72.6



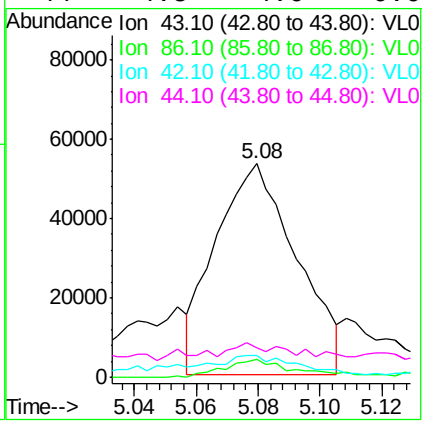


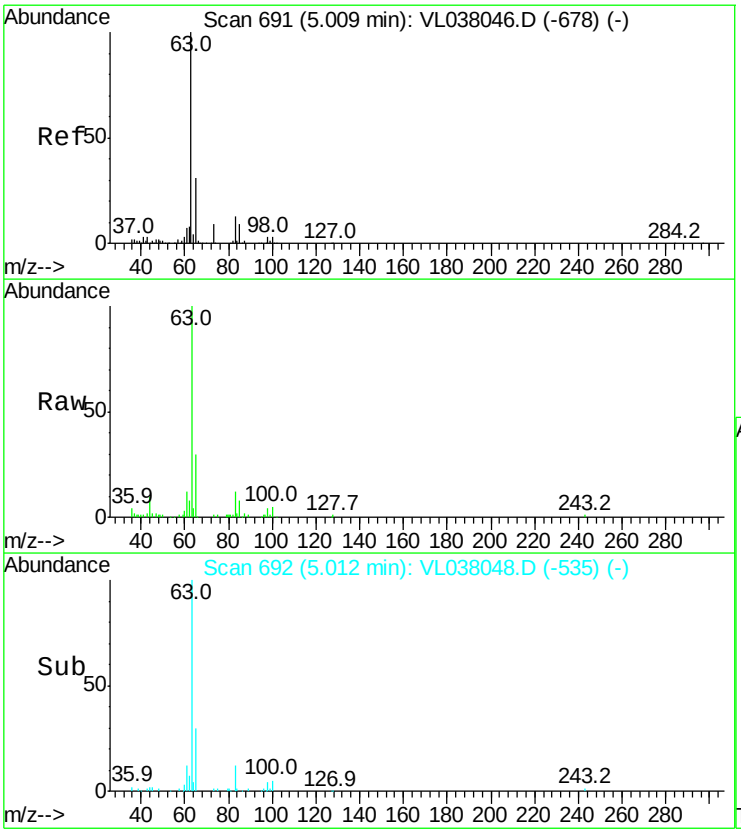
#23
Vinyl Acetate
Concen: 0.537 ppbv
RT: 5.08
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 97253

Ion	Ratio	Lower	Upper
43	100		
86	10.9	5.3	7.9#
42	8.7	7.0	10.6
44	4.5	4.0	6.0

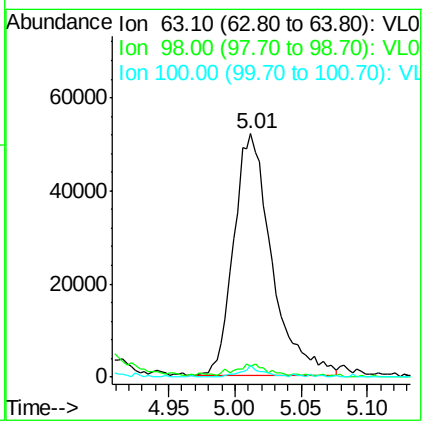


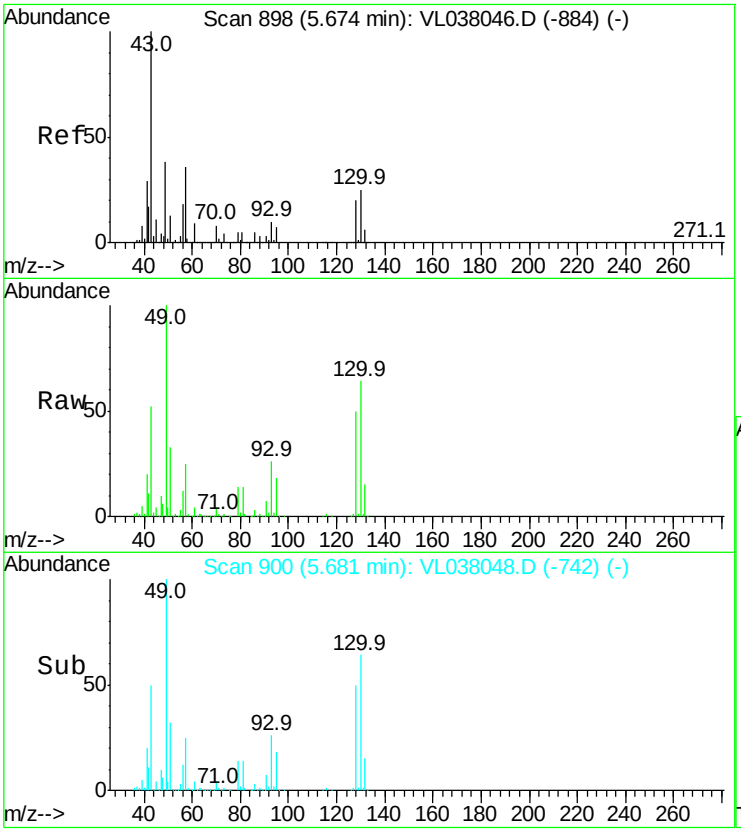


#24
1,1-Dichloroethane
Concen: 0.730 ppbv
RT: 5.01 min Scan# 692
Delta R.T. 0.00 min
Lab File: VL038048.D
Acq: 18 Nov 2021 10:04

Tgt Ion: 63 Resp: 103246

Ion	Ratio	Lower	Upper
63	100		
98	3.6	1.8	5.4
100	4.9	1.4	4.0#



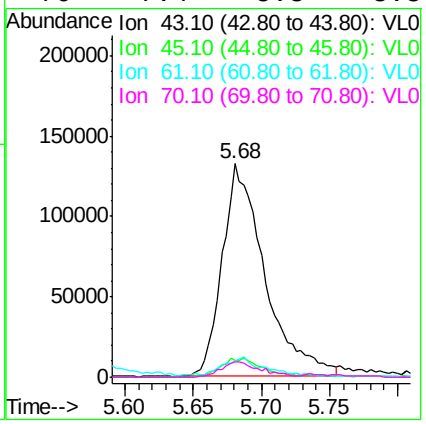


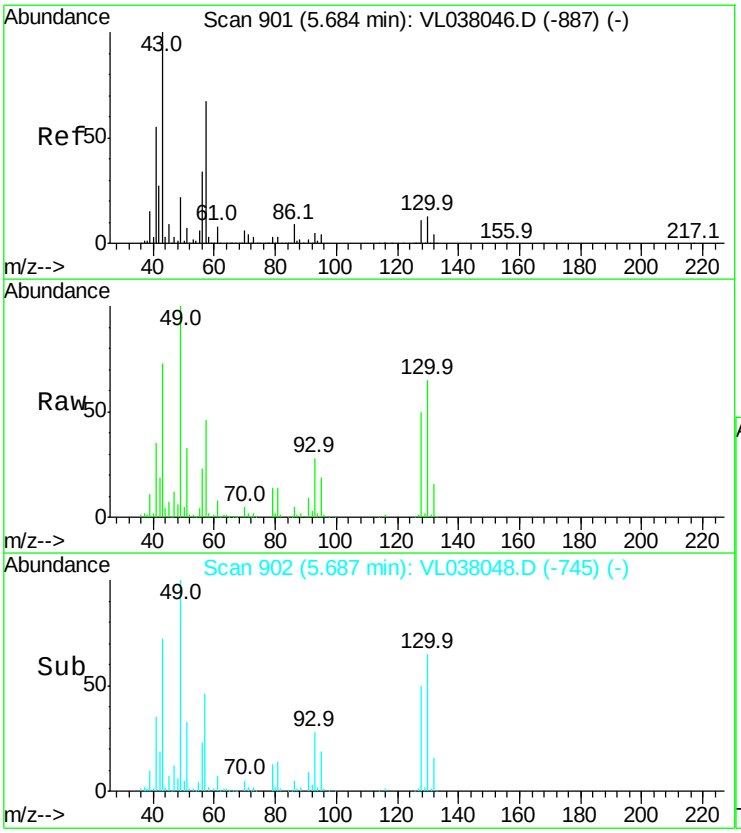
#25
Ethyl Acetate
Concen: 1.114 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 286853

Ion	Ratio	Lower	Upper
43	100		
45	9.7	7.9	11.9
61	9.3	7.8	11.6
70	7.4	5.8	8.8

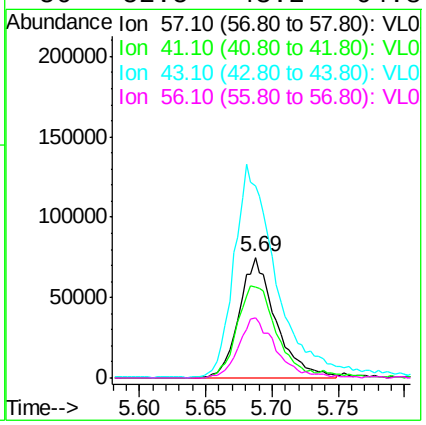


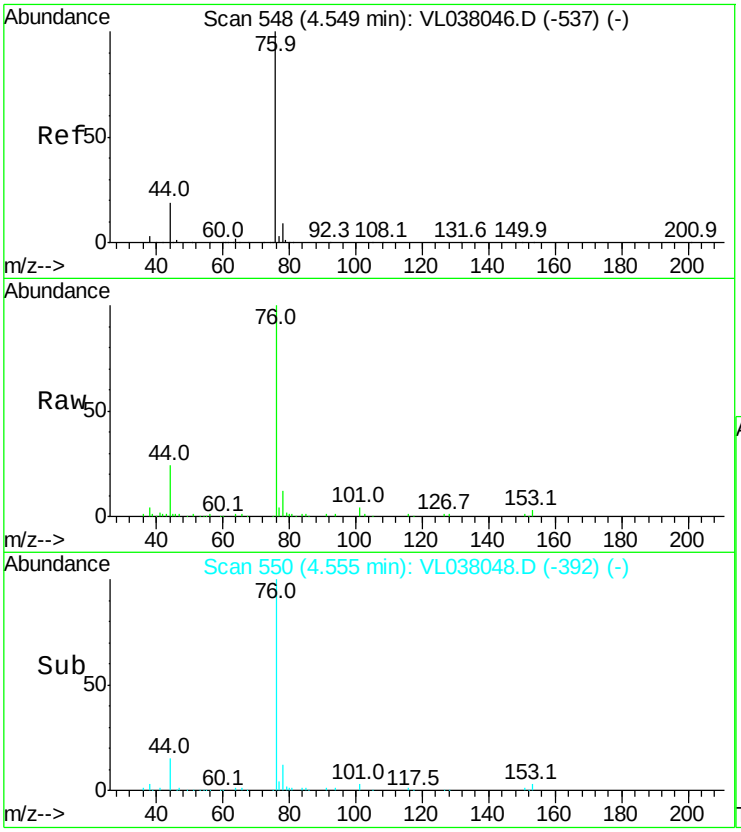


#26
Hexane
Concen: 1.111 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.00 min
Lab File: VL038048.D
Acq: 18 Nov 2021 10:04

Tgt Ion: 57 Resp: 143691

Ion	Ratio	Lower	Upper
57	100		
41	87.6	71.4	107.2
43	211.5	174.6	261.8
56	52.5	43.2	64.8



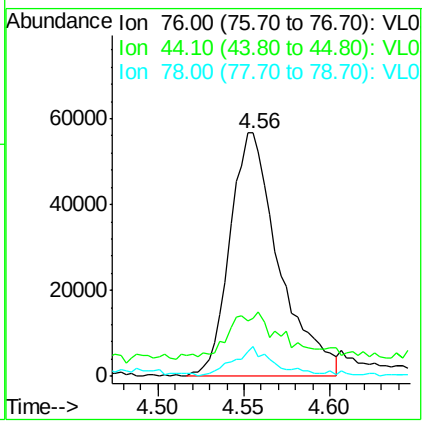


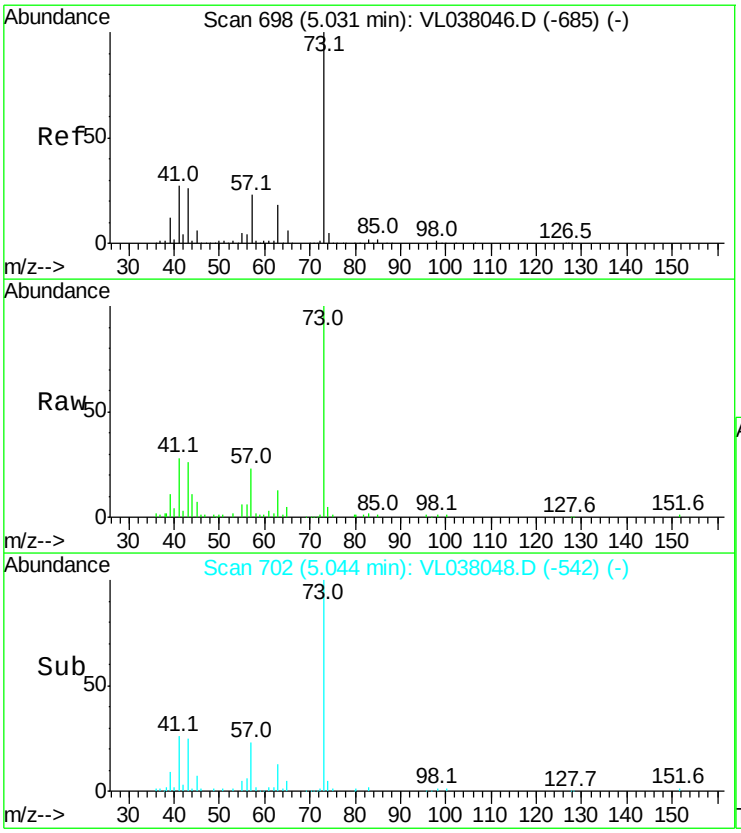
#27
Carbon Disulfide
Concen: 0.665 ppbv
RT: 4.56
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 76 Resp: 112847

Ion	Ratio	Lower	Upper
76	100		
44	31.1	14.9	22.3#
78	12.3	7.6	11.4#

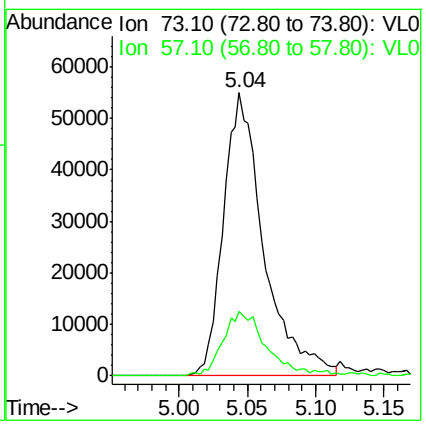


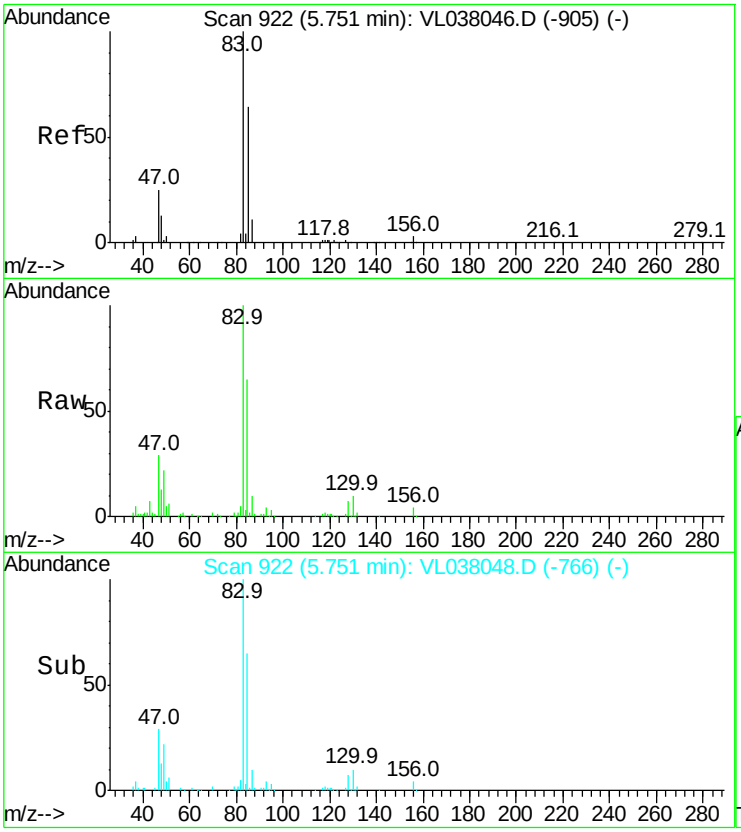


#28
Methyl tert-Butyl Ether
Concen: 0.682 ppbv
RT: 5.04 min Scan# 702
Delta R.T. 0.01 min
Lab File: VL038048.D
Acq: 18 Nov 2021 10:04

Tgt Ion: 73 Resp: 113186

Ion	Ratio	Lower	Upper
73	100		
57	25.3	19.0	28.4



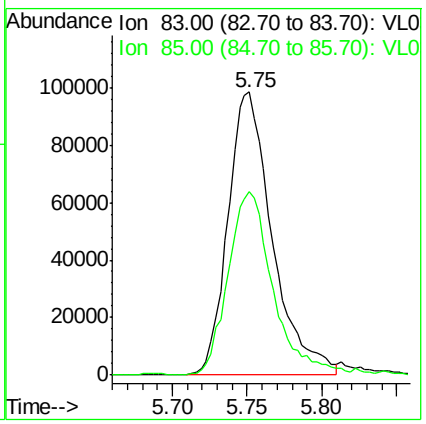


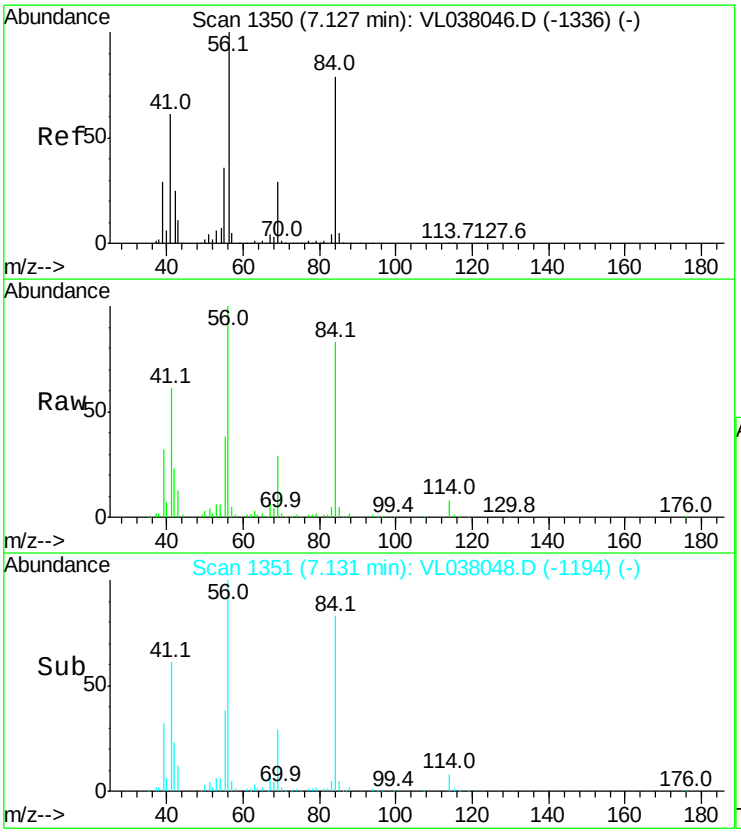
#29
Chloroform
Concen: 1.045 ppbv
RT: 5.75
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 203603

Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.0	76.6

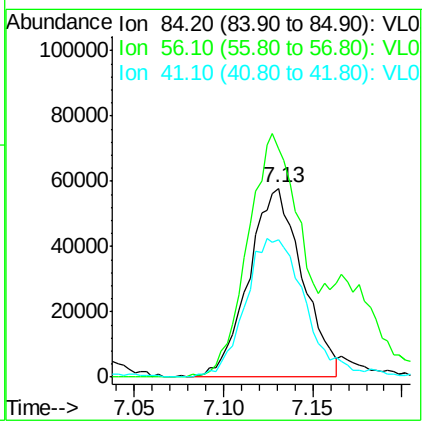


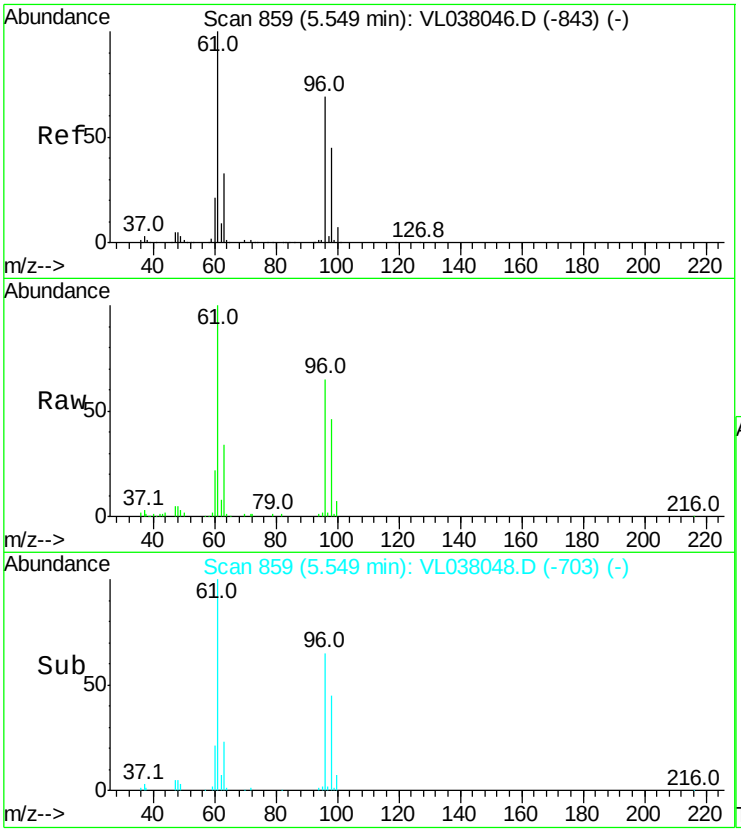


#30
Cyclohexane
Concen: 0.833 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. 0.00 min
Lab File: VL038048.D
Acq: 18 Nov 2021 10:04

Tgt Ion: 84 Resp: 121302

Ion	Ratio	Lower	Upper
84	100		
56	180.2	108.1	162.1#
41	81.7	64.4	96.6



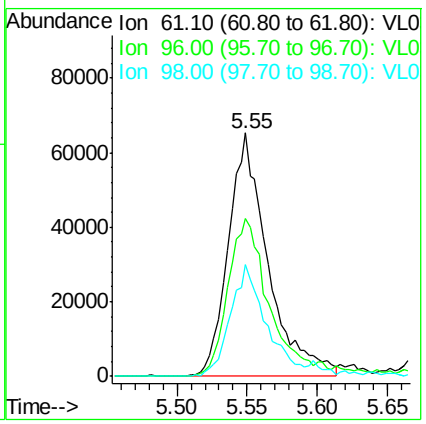


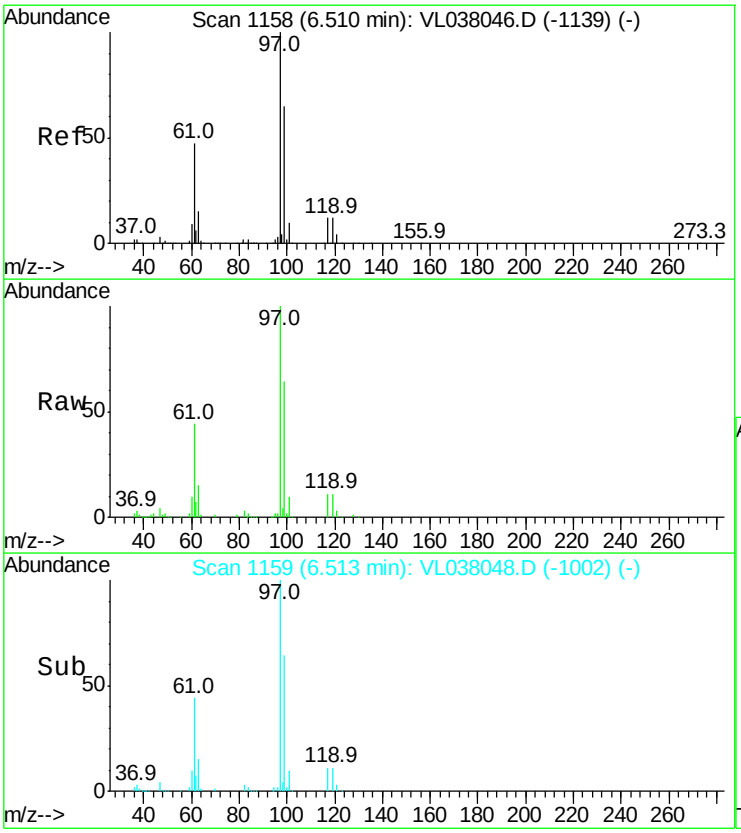
#31
cis-1,2-Dichloroethene
Concen: 1.198 ppbv
RT: 5.55
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 61 Resp: 128316

Ion	Ratio	Lower	Upper
61	100		
96	65.0	55.4	83.2
98	46.0	35.7	53.5

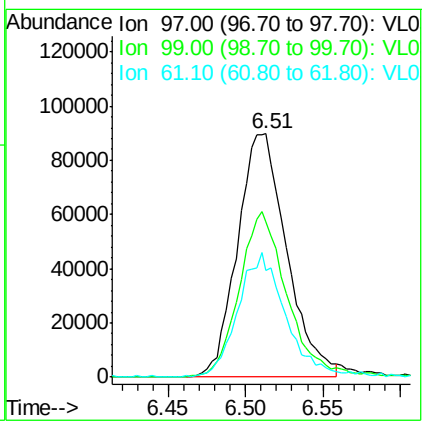


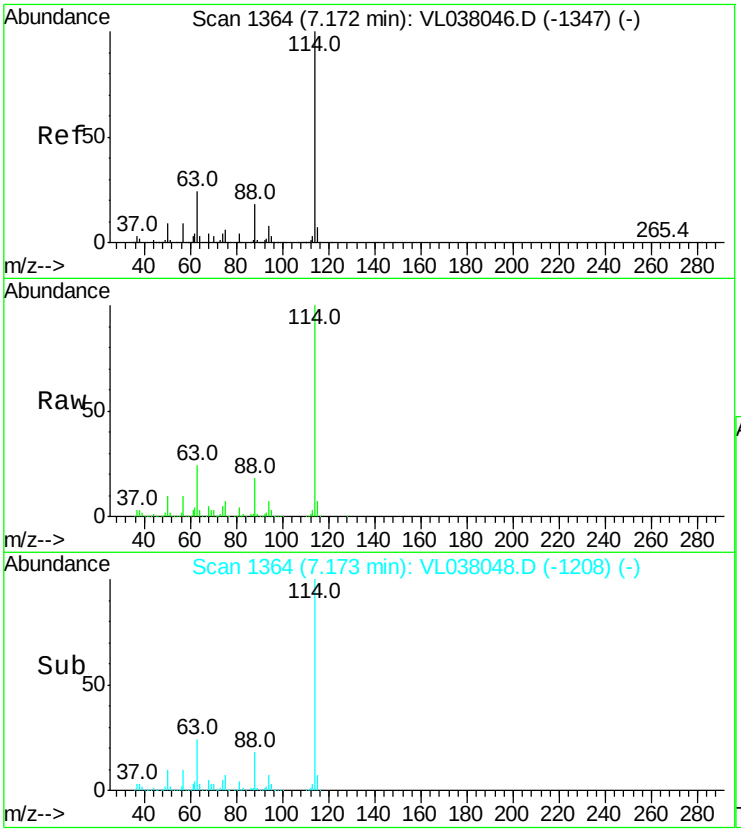


#32
1,1,1-Trichloroethane
Concen: 0.806 ppbv
RT: 6.51 min Scan# 1159
Delta R.T. 0.00 min
Lab File: VL038048.D
Acq: 18 Nov 2021 10:04

Tgt Ion: 97 Resp: 199195

Ion	Ratio	Lower	Upper
97	100		
99	66.5	52.2	78.4
61	50.1	37.7	56.5



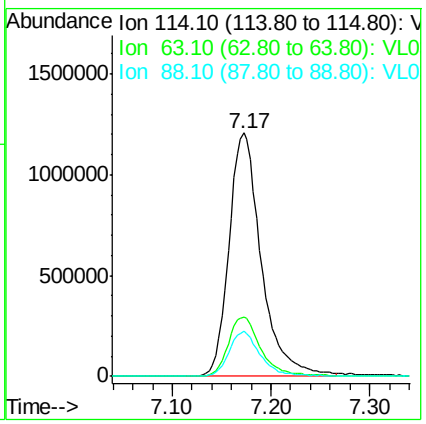


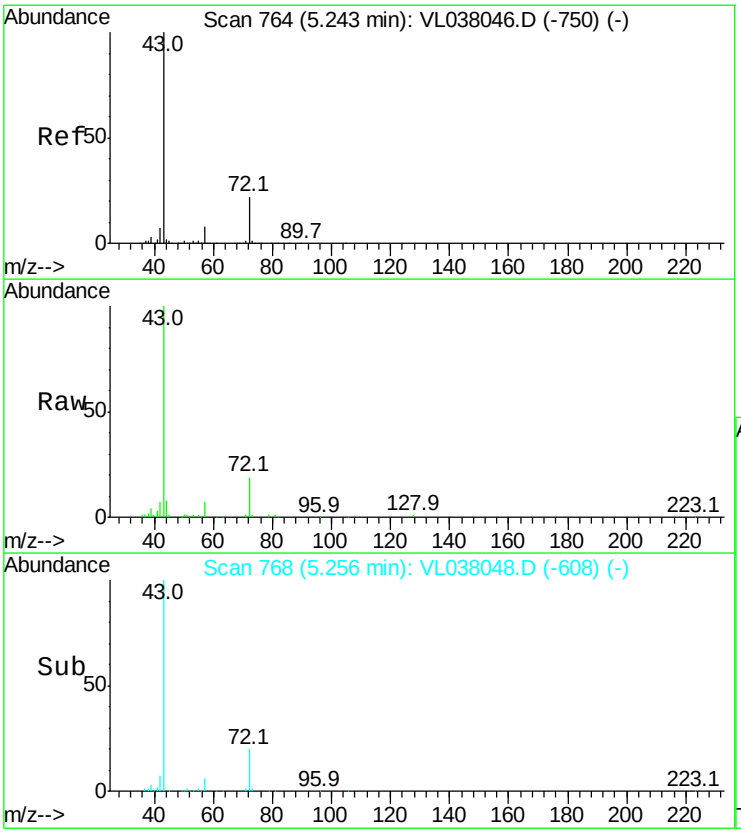
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:114 Resp: 2741755

Ion	Ratio	Lower	Upper
114	100		
63	24.9	19.7	29.5
88	18.3	14.4	21.6

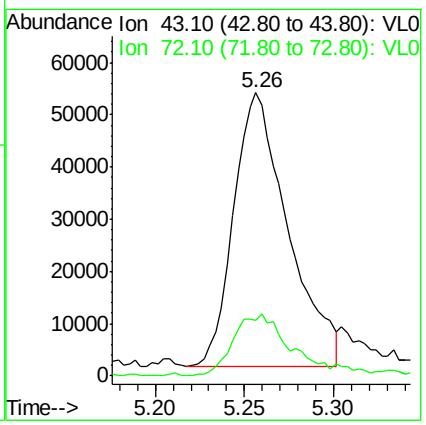


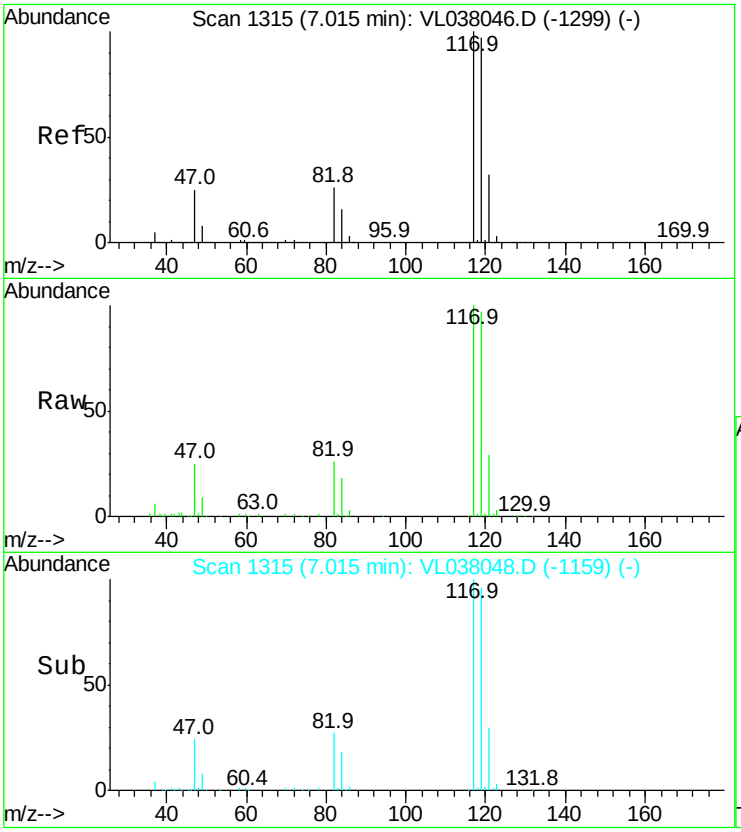


#34
2-Butanone
Concen: 1.228 ppbv
RT: 5.26 min Scan# 768
Delta R.T. 0.01 min
Lab File: VL038048.D
Acq: 18 Nov 2021 10:04

Tgt Ion: 43 Resp: 111063

Ion	Ratio	Lower	Upper
43	100		
72	25.9	18.8	28.2



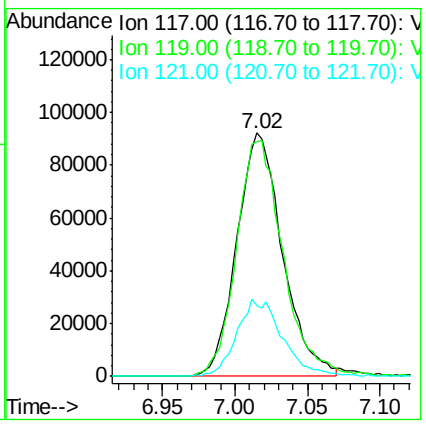


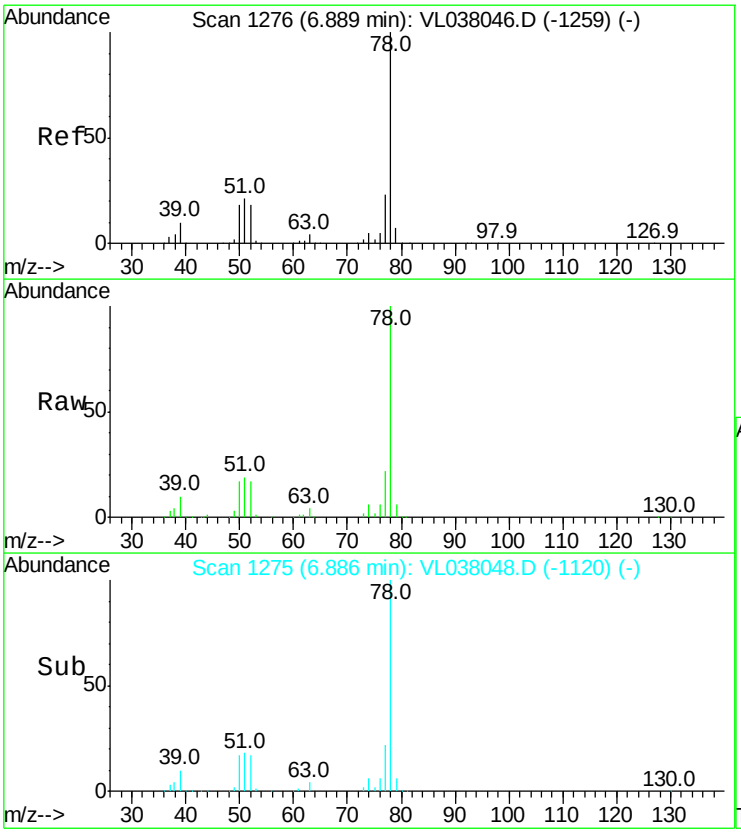
#35
Carbon Tetrachloride
Concen: 1.069 ppbv
RT: 7.02
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:117 Resp: 202519

Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.7	116.5
121	29.2	25.6	38.4

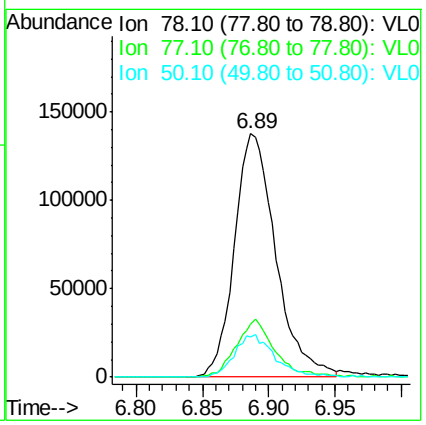


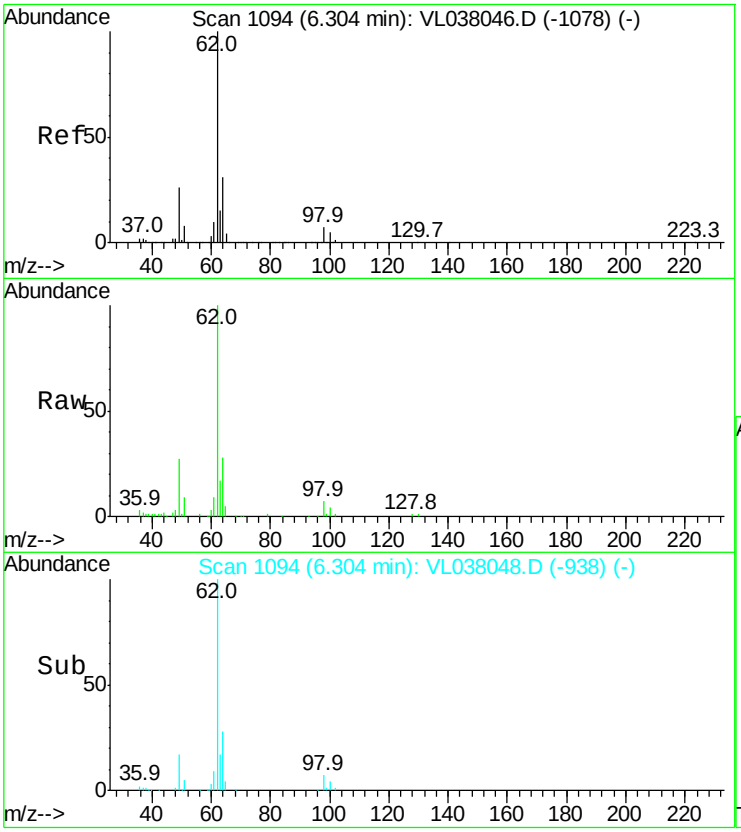


#36
Benzene
Concen: 1.146 ppbv
RT: 6.89 min Scan# 1275
Delta R.T. -0.00 min
Lab File: VL038048.D
Acq: 18 Nov 2021 10:04

Tgt Ion: 78 Resp: 298950

Ion	Ratio	Lower	Upper
78	100		
77	21.8	18.2	27.4
50	16.7	14.7	22.1



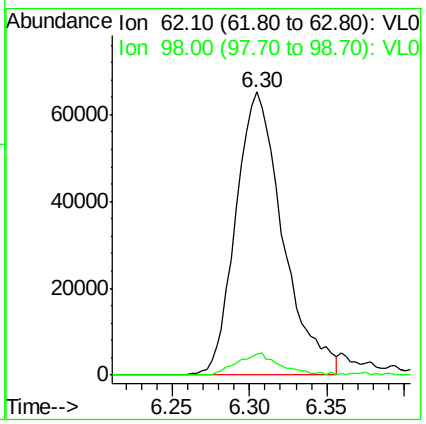


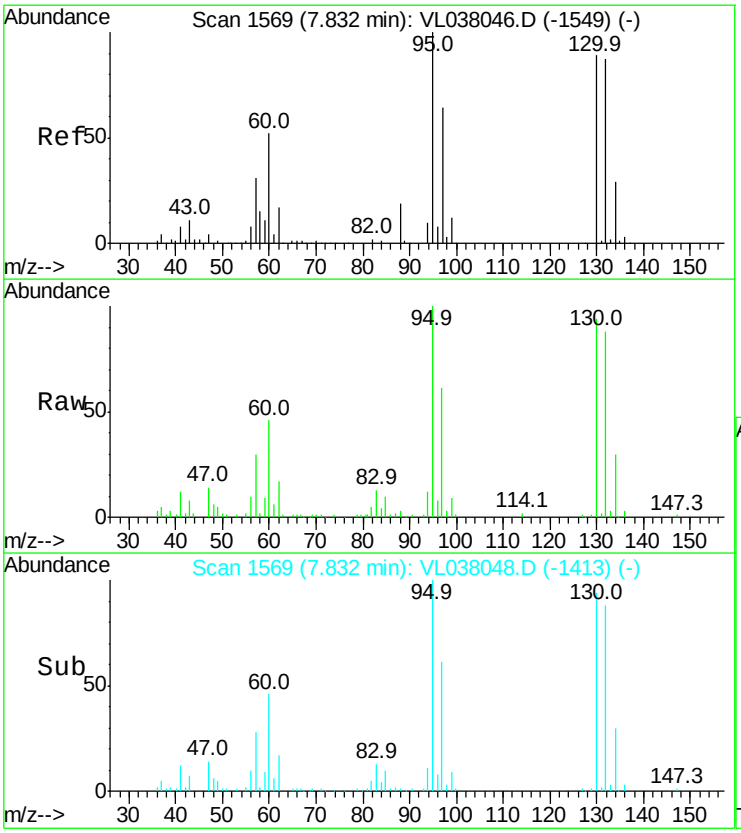
#37
1,2-Dichloroethane
Concen: 1.141 ppbv
RT: 6.30
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 62 Resp: 138153

Ion	Ratio	Lower	Upper
62	100		
98	7.1	5.8	8.6

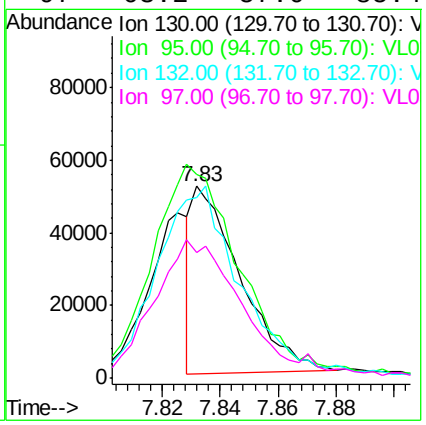


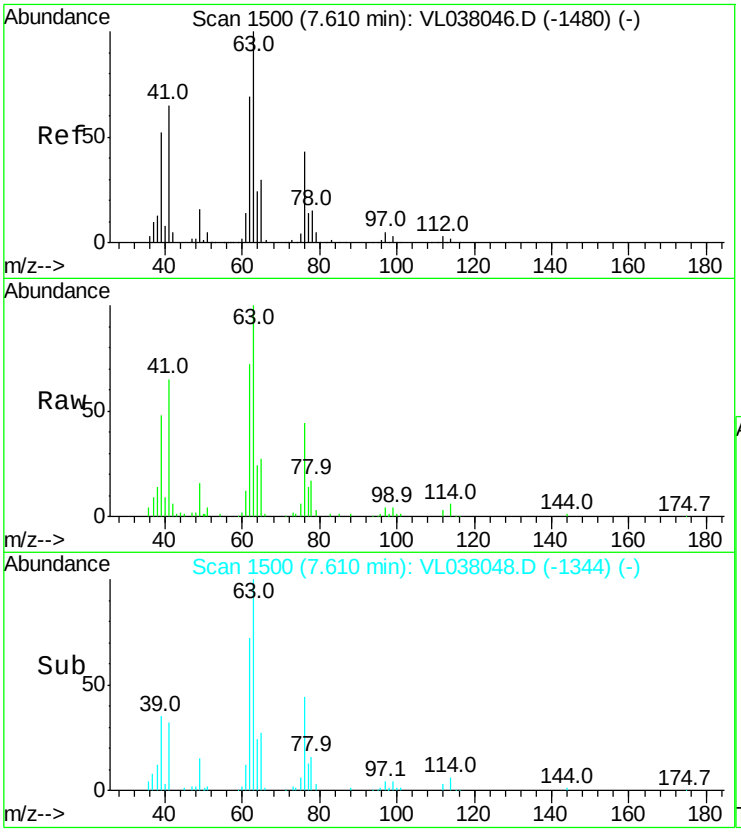


#38
Trichloroethene
Concen: 0.552 ppbv
RT: 7.83 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VL038048.D
Acq: 18 Nov 2021 10:04

Tgt Ion:130 Resp: 58518

Ion	Ratio	Lower	Upper
130	100		
95	105.1	89.4	134.2
132	91.0	78.2	117.2
97	63.2	57.0	85.4



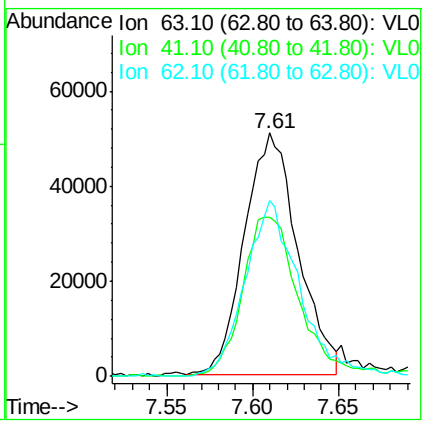


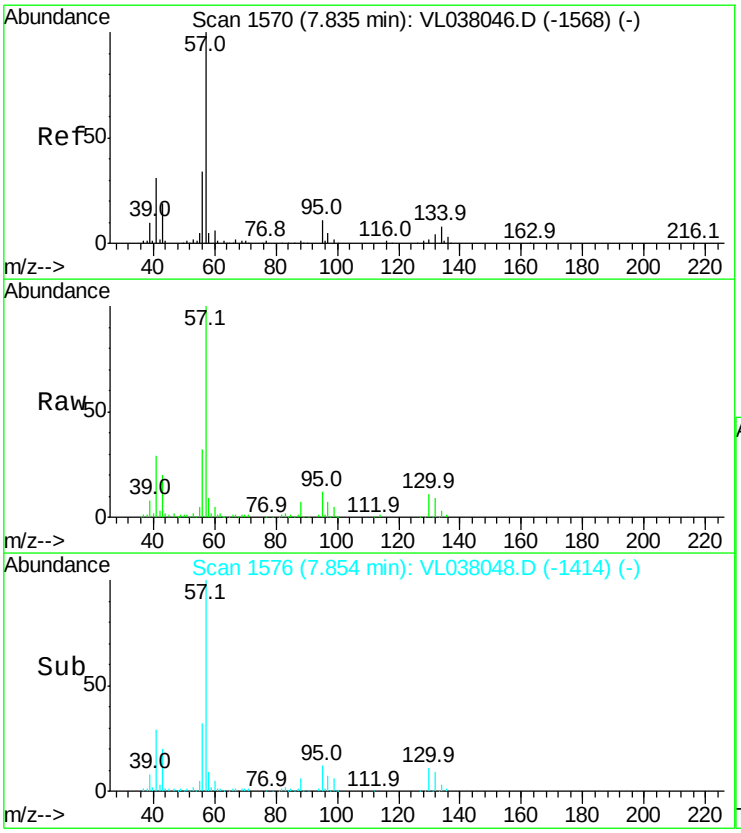
#39
1,2-Dichloropropane
Concen: 1.085 ppbv
RT: 7.61
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 63 Resp: 109340

Ion	Ratio	Lower	Upper
63	100		
41	65.3	52.3	78.5
62	72.6	55.1	82.7

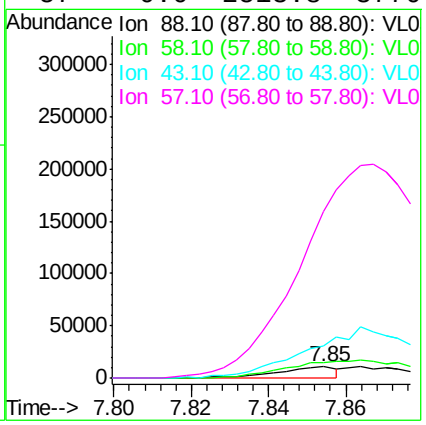


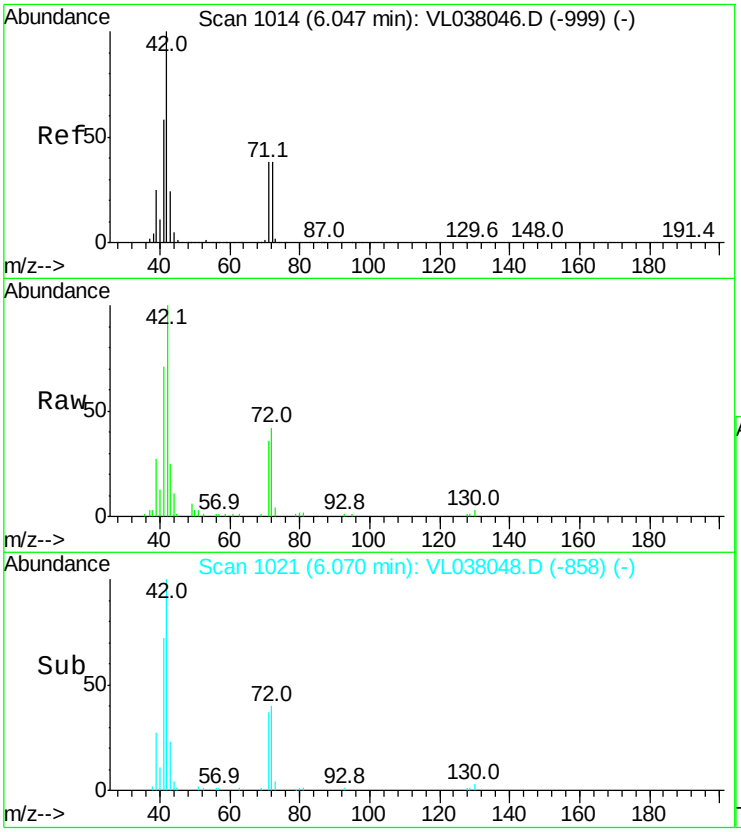


#40
1,4-Dioxane
Concen: 0.439 ppbv
RT: 7.85 min Scan# 1576
Delta R.T. 0.02 min
Lab File: VL038048.D
Acq: 18 Nov 2021 10:04

Tgt Ion: 88 Resp: 11402

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#



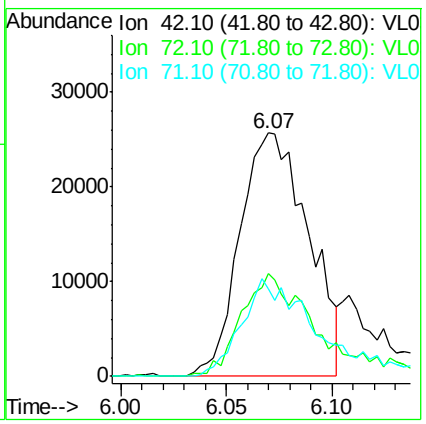


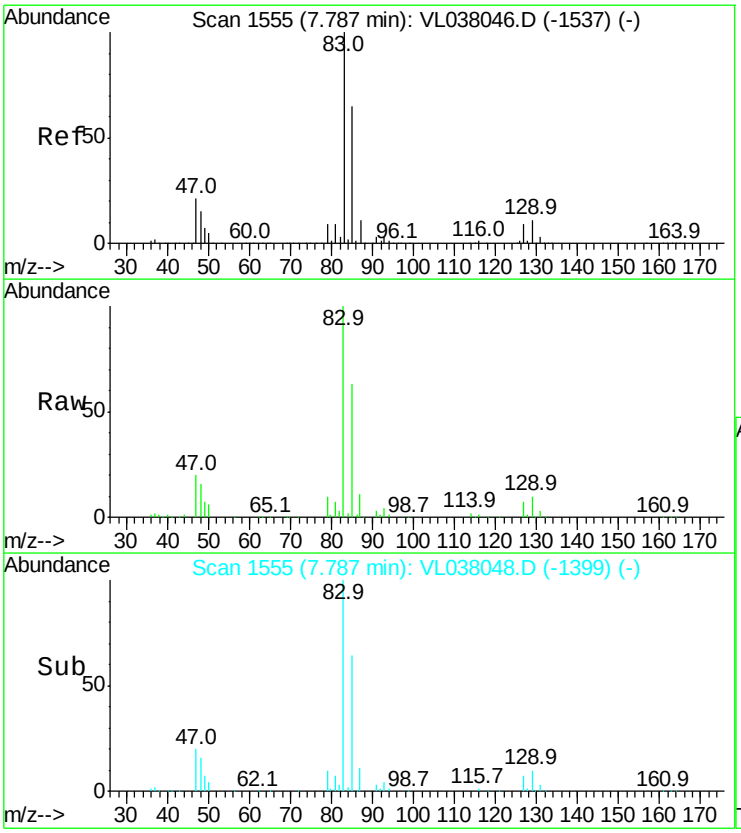
#41
Tetrahydrofuran
Concen: 0.894 ppbv
RT: 6.07
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 42 Resp: 58002

Ion	Ratio	Lower	Upper
42	100		
72	48.5	31.7	47.5#
71	46.9	30.6	46.0#

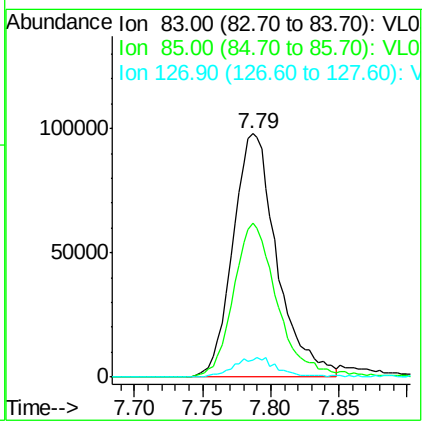


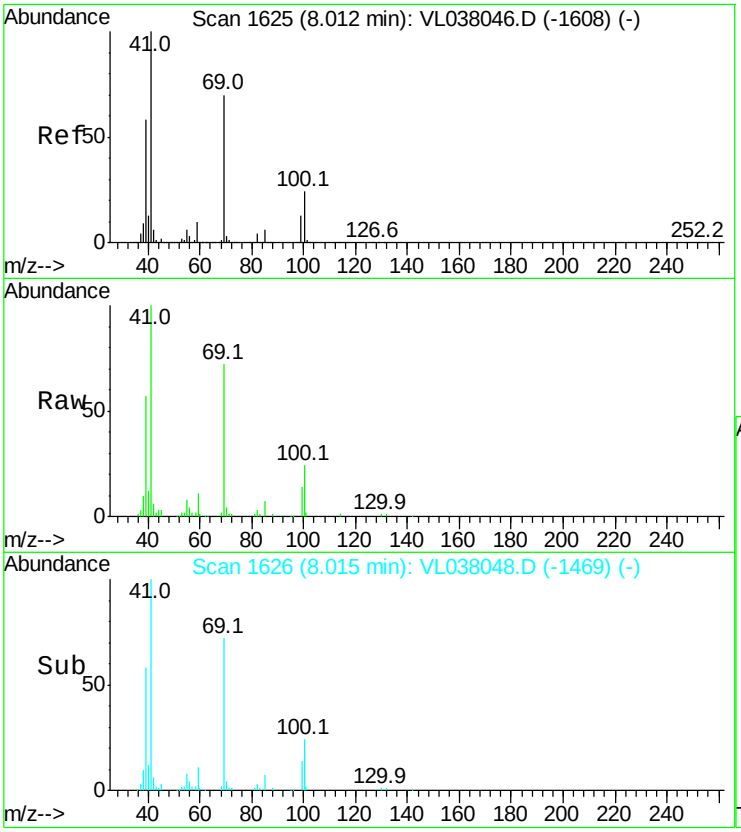


#42
Bromodichloromethane
Concen: 1.150 ppbv
RT: 7.79 min Scan# 1555
Delta R.T. 0.00 min
Lab File: VL038048.D
Acq: 18 Nov 2021 10:04

Tgt Ion: 83 Resp: 219236

Ion	Ratio	Lower	Upper
83	100		
85	63.4	51.9	77.9
127	6.9	6.8	10.2



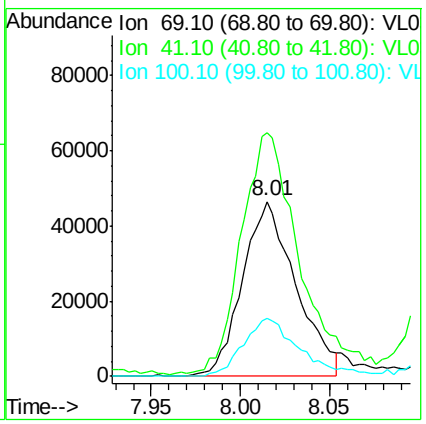


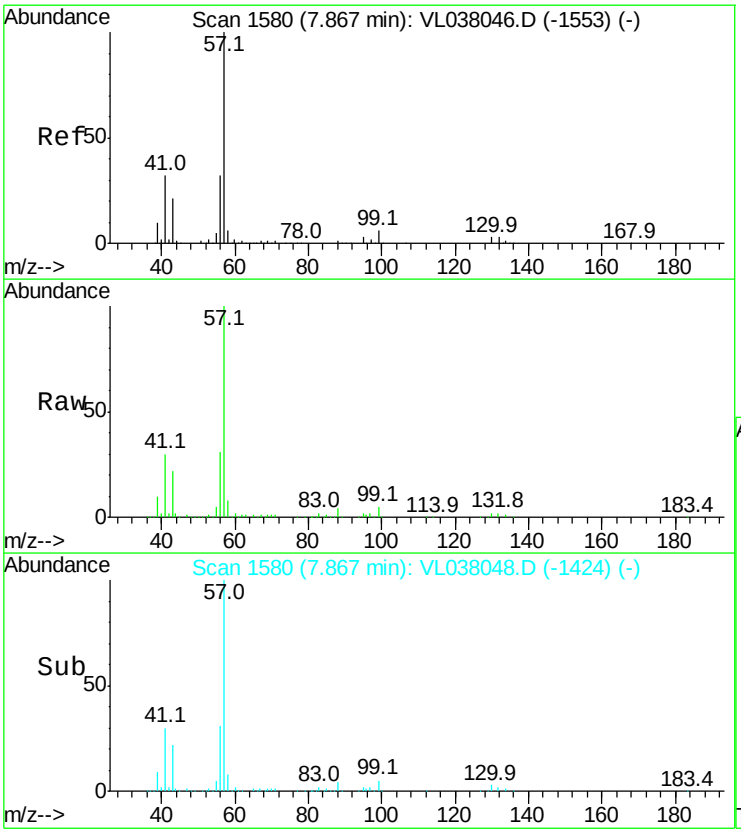
#43
Methyl Methacrylate
Concen: 1.046 ppbv
RT: 8.01
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 69 Resp: 97326

Ion	Ratio	Lower	Upper
69	100		
41	149.8	116.7	175.1
100	35.2	27.3	40.9

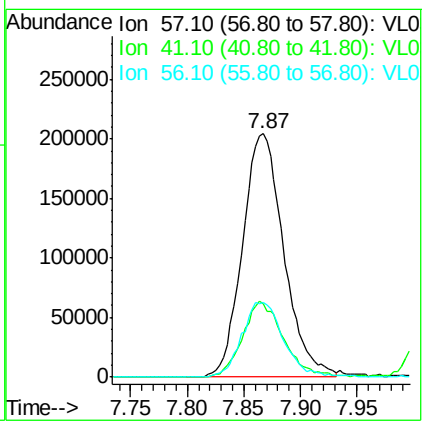


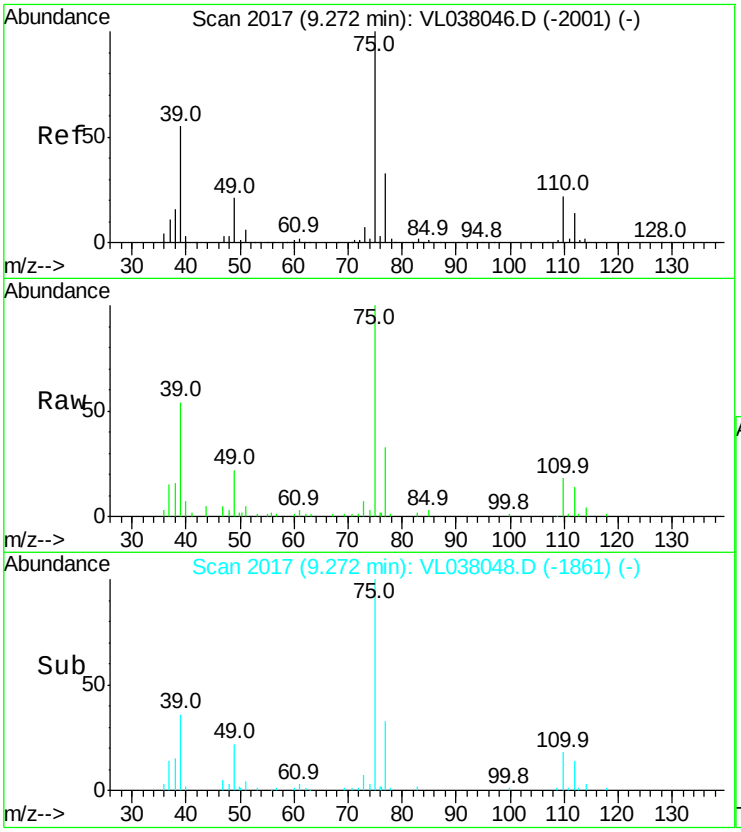


#44
2,2,4-Trimethylpentane
Concen: 1.159 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. 0.00 min
Lab File: VL038048.D
Acq: 18 Nov 2021 10:04

Tgt Ion: 57 Resp: 519228

Ion	Ratio	Lower	Upper
57	100		
41	31.3	25.8	38.6
56	31.3	25.6	38.4



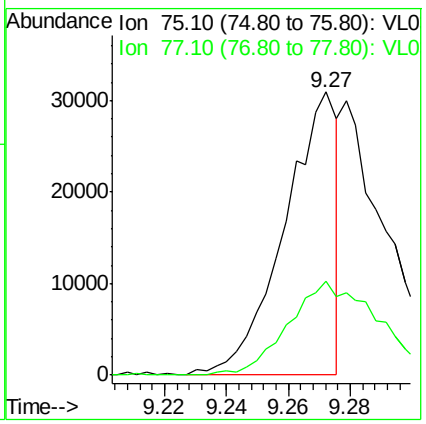


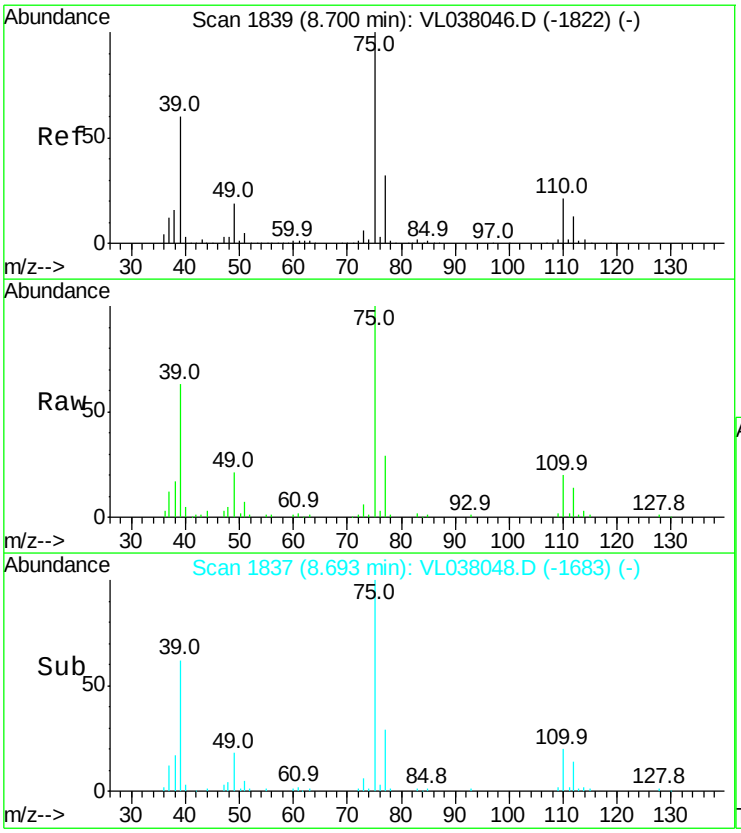
#45
t-1,3-Dichloropropene
Concen: 0.475 ppbv
RT: 9.27
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 36571

Ion	Ratio	Lower	Upper
75	100		
77	33.1	26.2	39.4

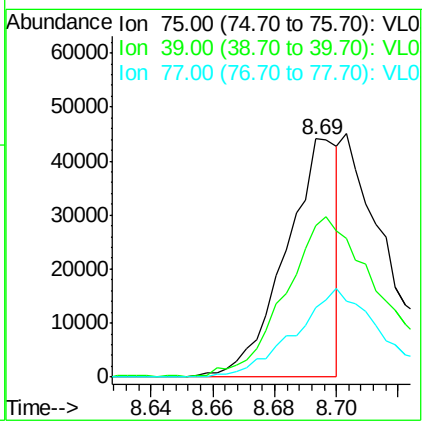


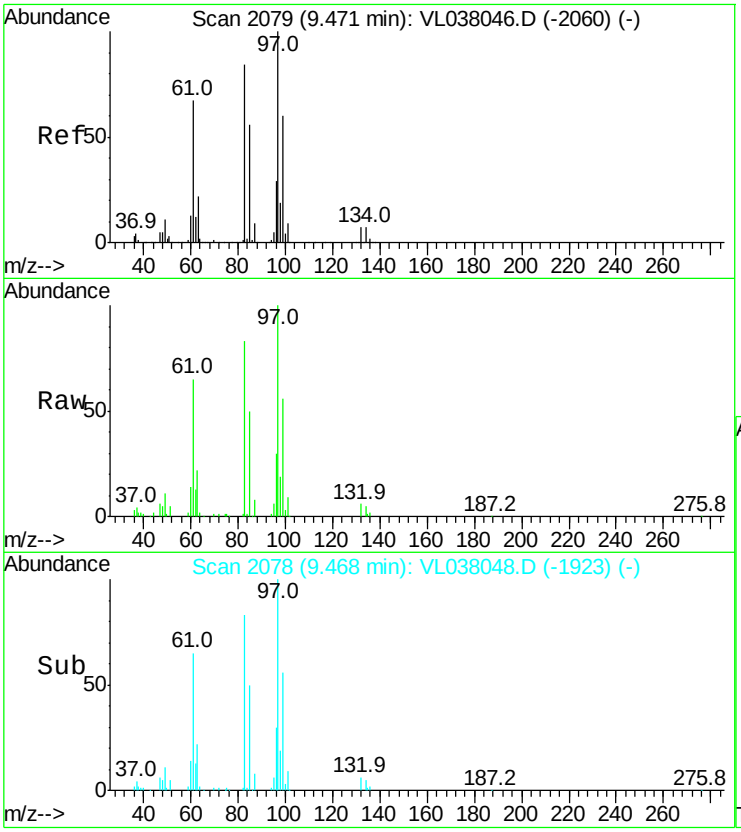


#46
cis-1,3-Dichloropropene
Concen: 0.510 ppbv
RT: 8.69 min Scan# 1837
Delta R.T. -0.01 min
Lab File: VL038048.D
Acq: 18 Nov 2021 10:04

Tgt Ion: 75 Resp: 51338

Ion	Ratio	Lower	Upper
75	100		
39	63.4	47.8	71.8
77	29.2	25.5	38.3



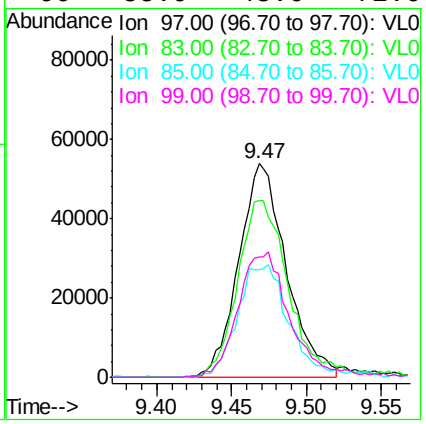


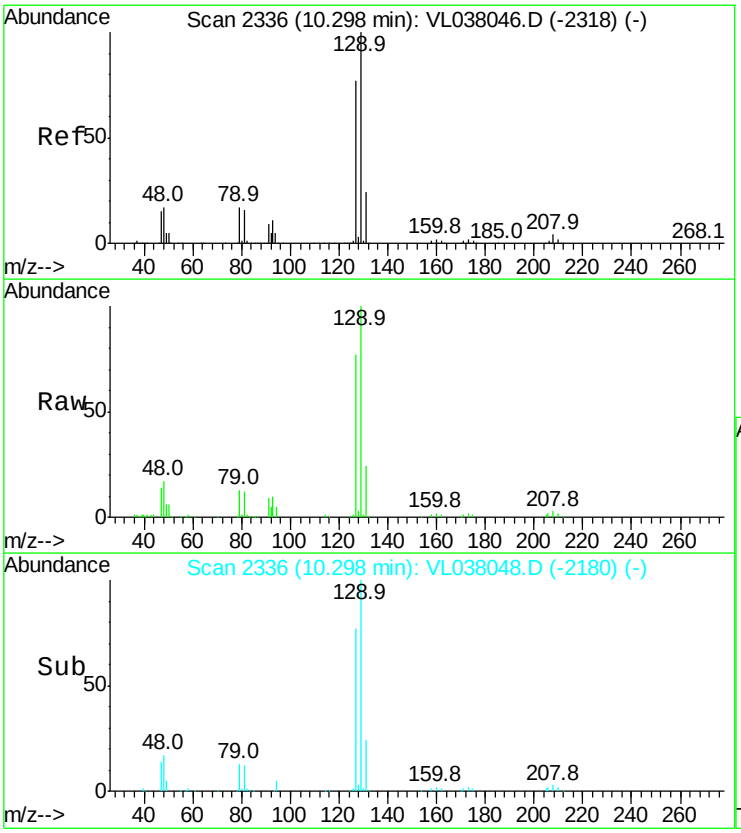
#47
1,1,2-Trichloroethane
Concen: 1.167 ppbv
RT: 9.47
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 97 Resp: 119493

Ion	Ratio	Lower	Upper
97	100		
83	82.5	66.8	100.2
85	50.4	44.9	67.3
99	55.9	48.0	72.0

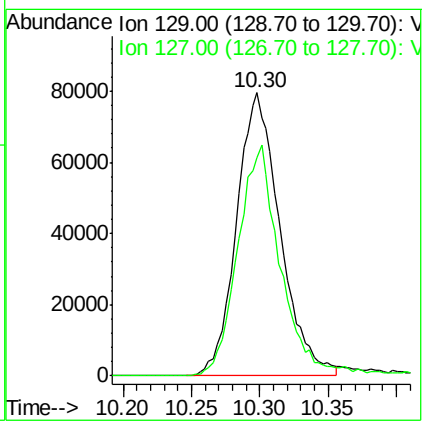


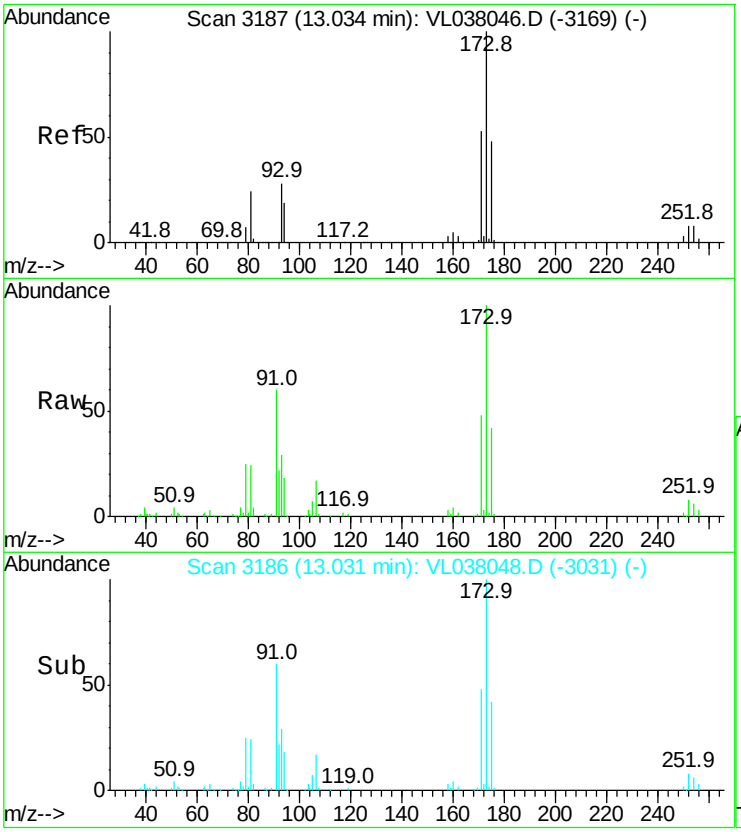


#48
Dibromochloromethane
Concen: 1.056 ppbv
RT: 10.30 min Scan# 2336
Delta R.T. 0.00 min
Lab File: VL038048.D
Acq: 18 Nov 2021 10:04

Tgt Ion:129 Resp: 175818

Ion	Ratio	Lower	Upper
129	100		
127	80.2	39.4	118.1



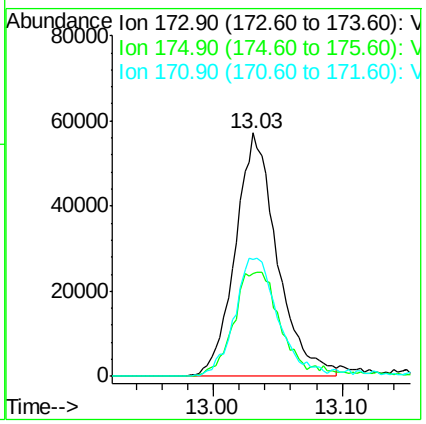


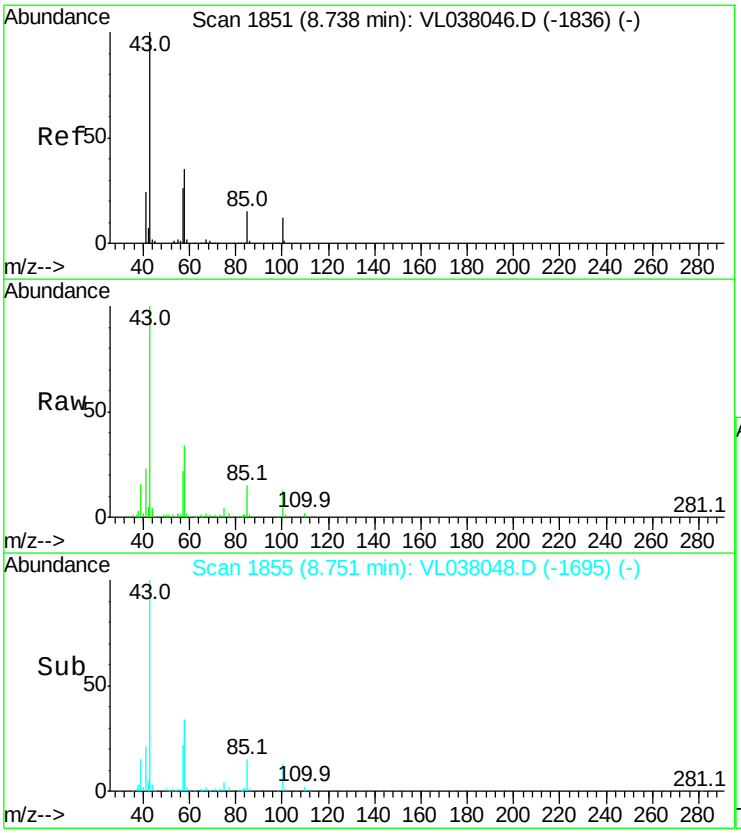
#49
Bromoform
Concen: 1.008 ppbv
RT: 13.03
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:173 Resp: 129486

Ion	Ratio	Lower	Upper
173	100		
175	50.7	42.5	63.7
171	53.5	44.0	66.0

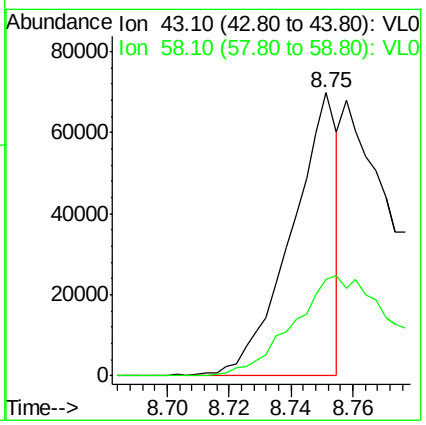


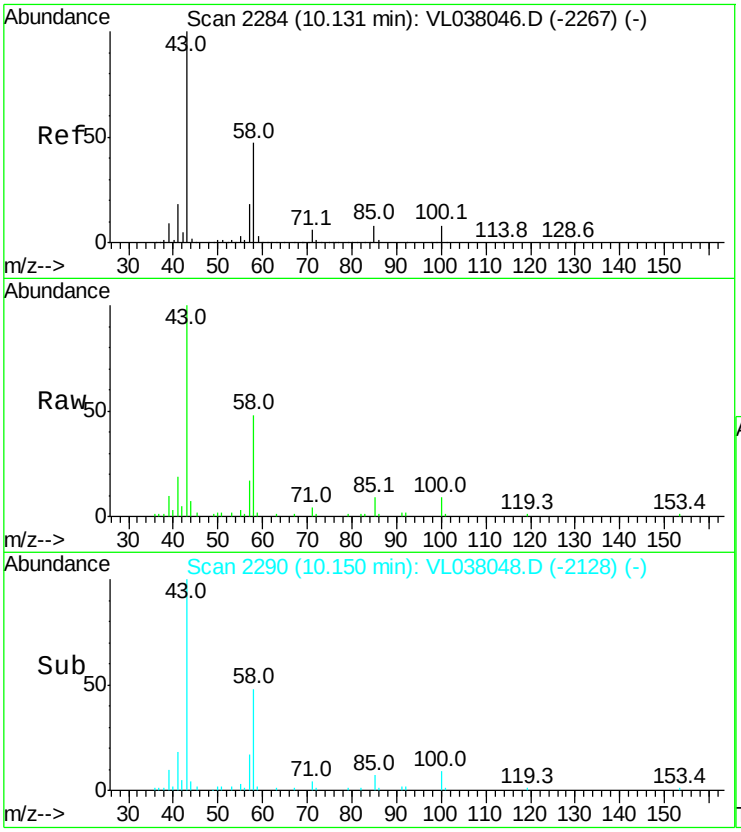


#50
4-Methyl-2-Pentanone
Concen: 0.437 ppbv
RT: 8.75 min Scan# 1855
Delta R.T. 0.01 min
Lab File: VL038048.D
Acq: 18 Nov 2021 10:04

Tgt Ion: 43 Resp: 71235

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.4	44.2#



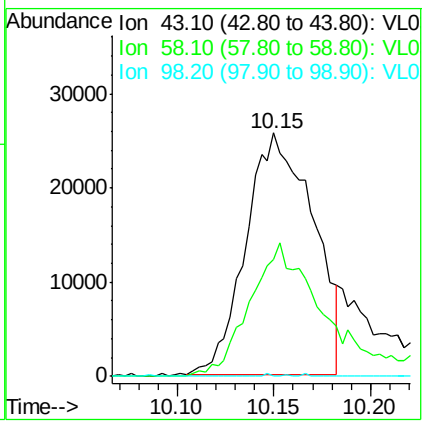


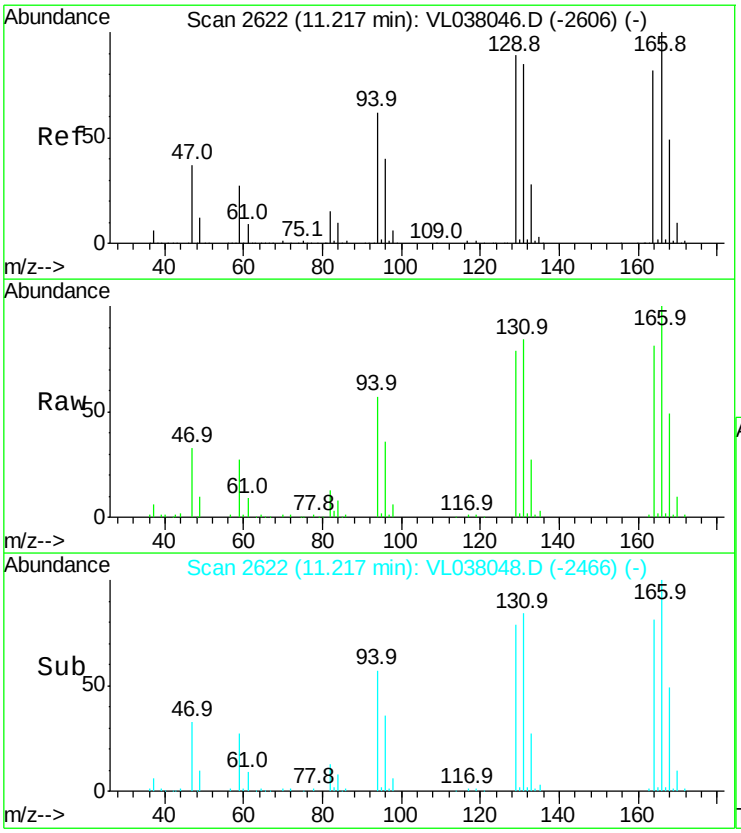
#51
2-Hexanone
Concen: 0.815 ppbv
RT: 10.15
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 62070

Ion	Ratio	Lower	Upper
43	100		
58	68.5	41.1	61.7#
98	0.1	0.1	0.1#

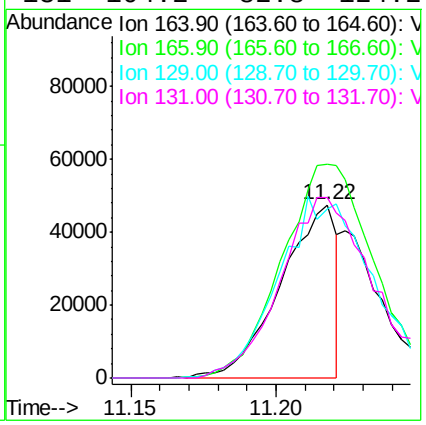


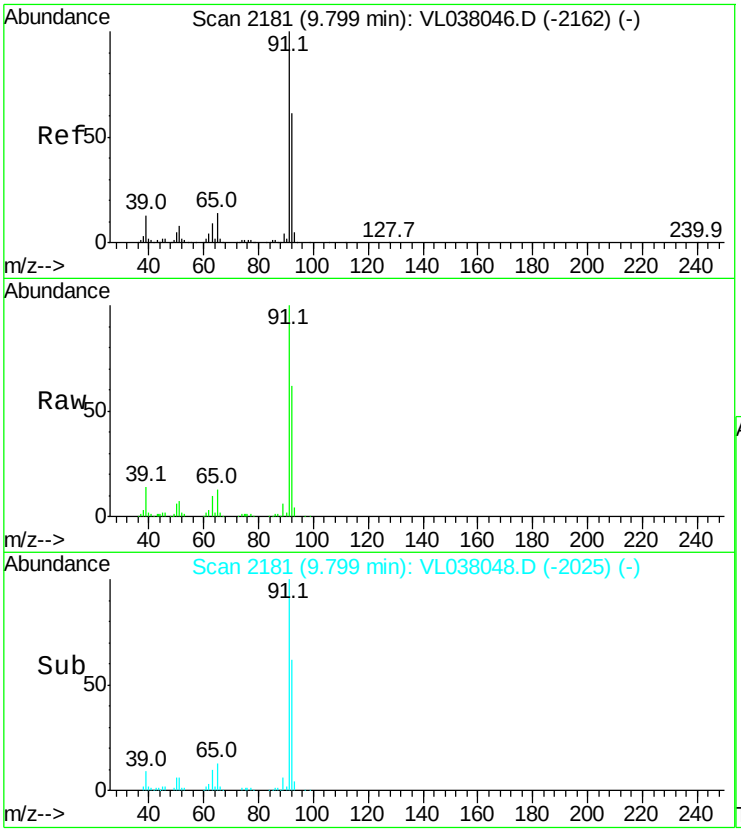


#52
Tetrachloroethene
Concen: 0.644 ppbv
RT: 11.22 min Scan# 2622
Delta R.T. 0.00 min
Lab File: VL038048.D
Acq: 18 Nov 2021 10:04

Tgt Ion:164 Resp: 63386

Ion	Ratio	Lower	Upper
164	100		
166	123.0	97.2	145.8
129	96.6	86.9	130.3
131	104.2	82.8	124.2



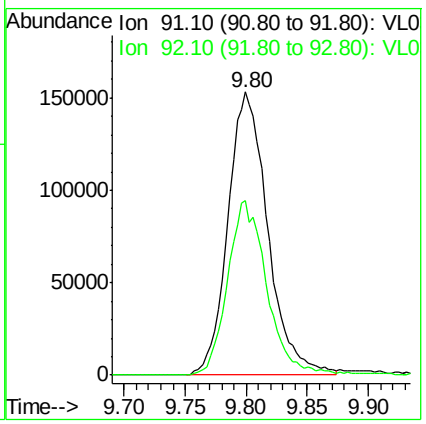


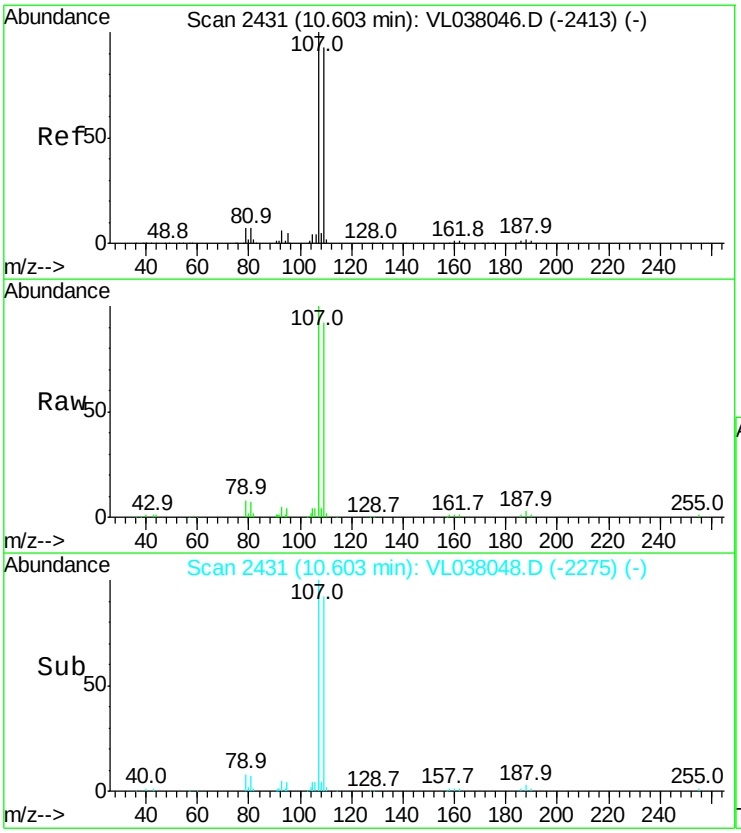
#53
Toluene
Concen: 1.132 ppbv
RT: 9.80
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 345174

Ion	Ratio	Lower	Upper
91	100		
92	61.6	49.7	74.5

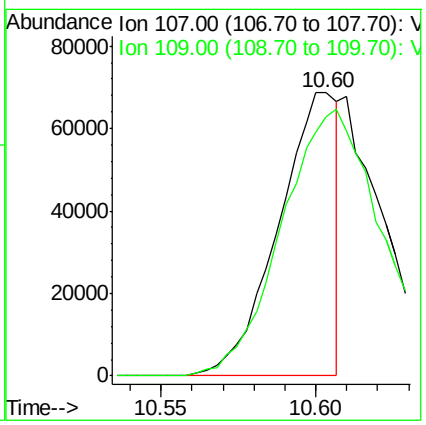


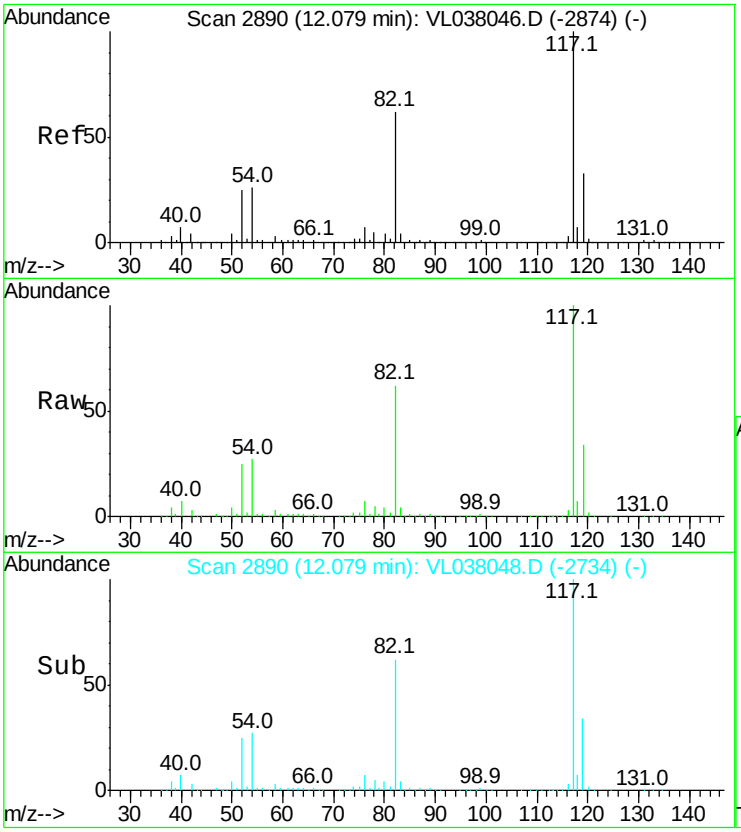


#54
1,2-Dibromoethane
Concen: 0.634 ppbv
RT: 10.60 min Scan# 2431
Delta R.T. 0.00 min
Lab File: VL038048.D
Acq: 18 Nov 2021 10:04

Tgt Ion:107 Resp: 90989

Ion	Ratio	Lower	Upper
107	100		
109	91.4	74.6	111.8



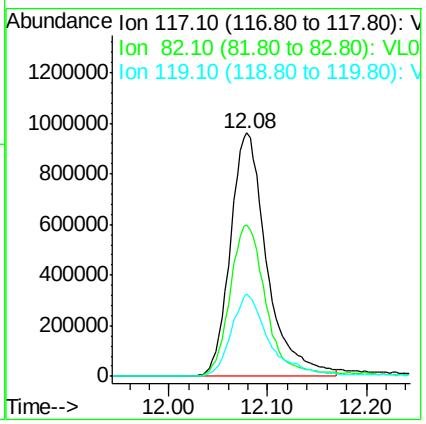


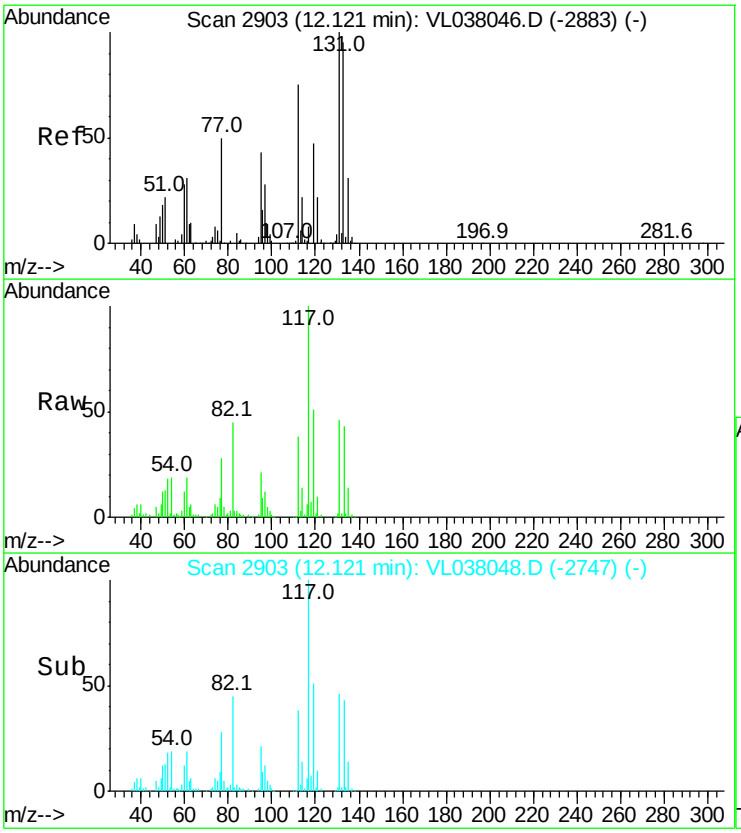
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:117 Resp: 2480335

Ion	Ratio	Lower	Upper
117	100		
82	63.5	52.8	79.2
119	36.0	26.8	40.2

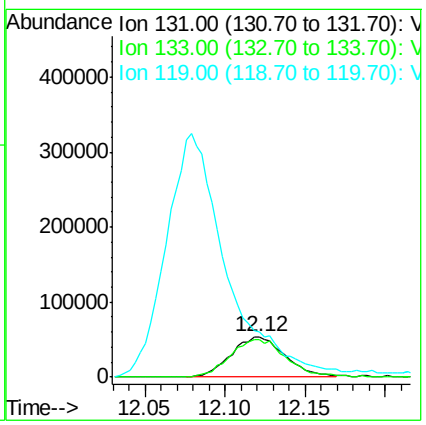


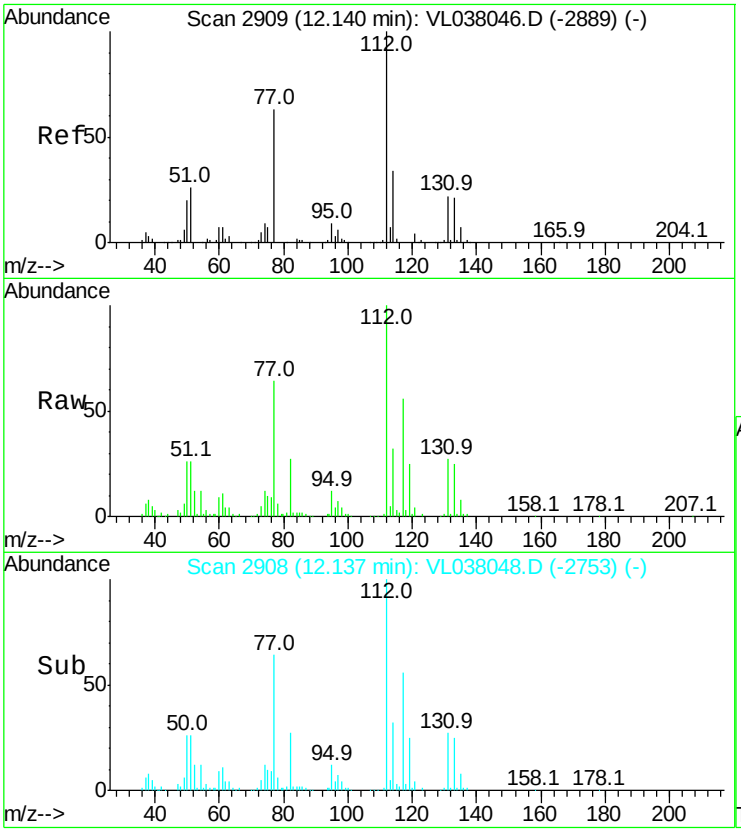


#56
1,1,1,2-Tetrachloroethane
Concen: 1.134 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. 0.00 min
Lab File: VL038048.D
Acq: 18 Nov 2021 10:04

Tgt Ion:131 Resp: 122810

Ion	Ratio	Lower	Upper
131	100		
133	98.7	78.8	118.2
119	726.8	56.3	84.5#



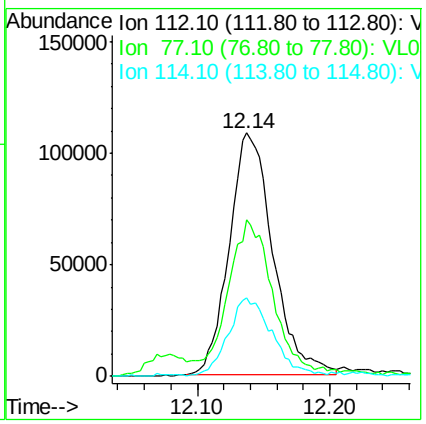


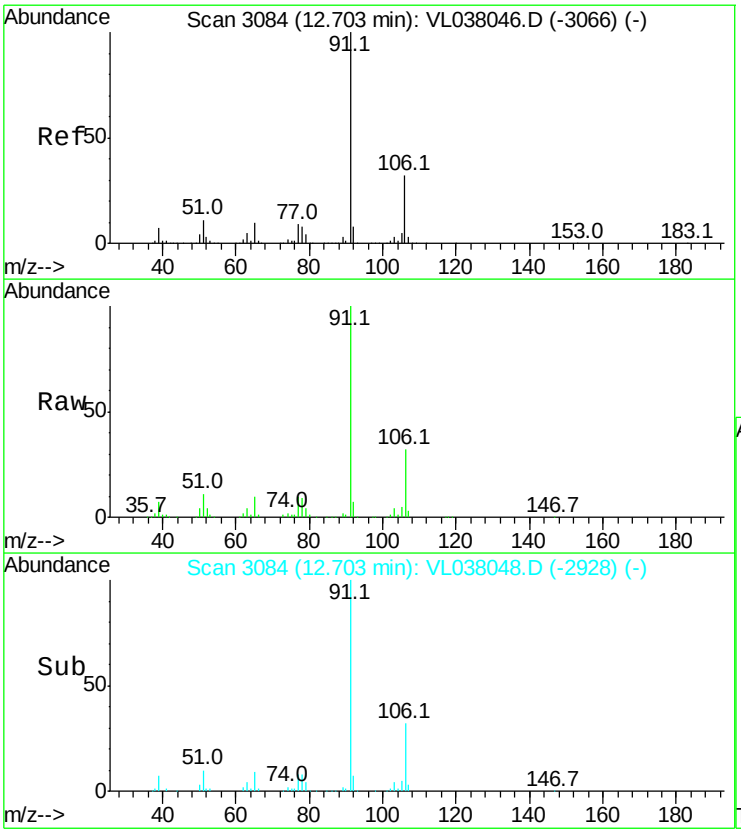
#57
Chlorobenzene
Concen: 1.230 ppbv
RT: 12.14
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:112 Resp: 250123

Ion	Ratio	Lower	Upper
112	100		
77	61.6	50.3	75.5
114	32.1	30.7	37.5

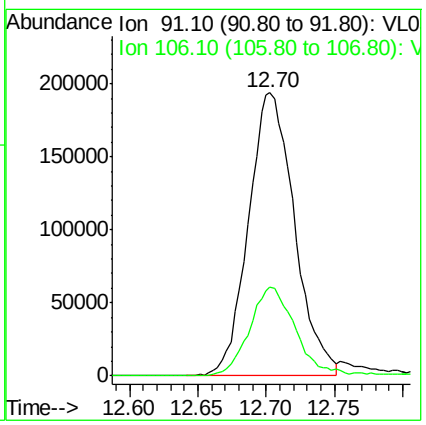


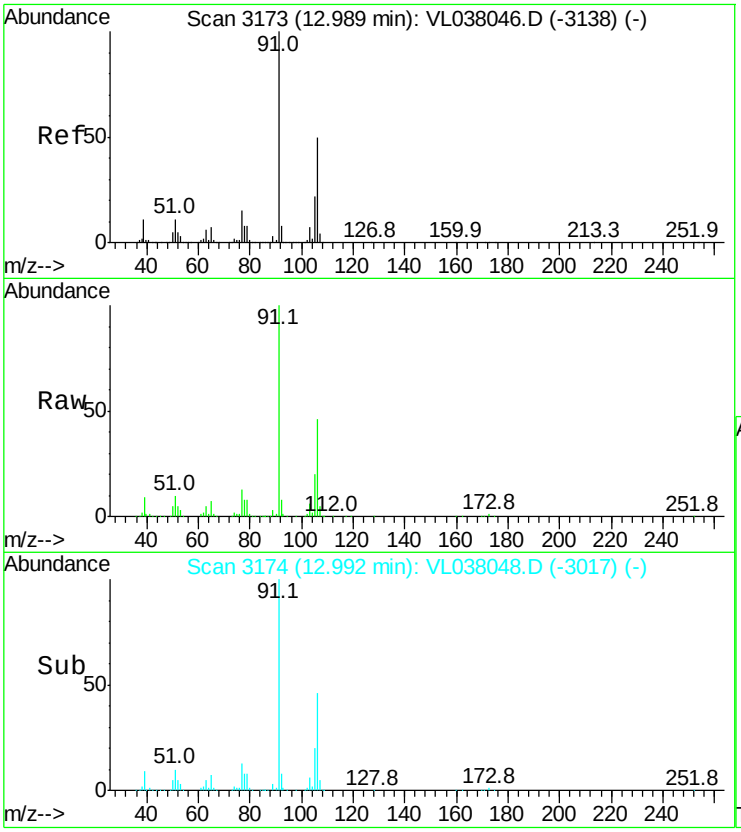


#58
Ethyl Benzene
Concen: 1.203 ppbv
RT: 12.70 min Scan# 3084
Delta R.T. 0.00 min
Lab File: VL038048.D
Acq: 18 Nov 2021 10:04

Tgt Ion: 91 Resp: 453050

Ion	Ratio	Lower	Upper
91	100		
106	31.5	25.8	38.6



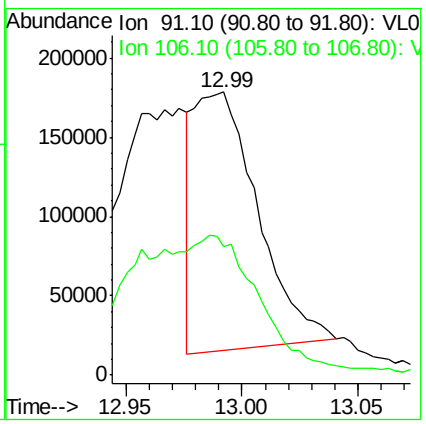


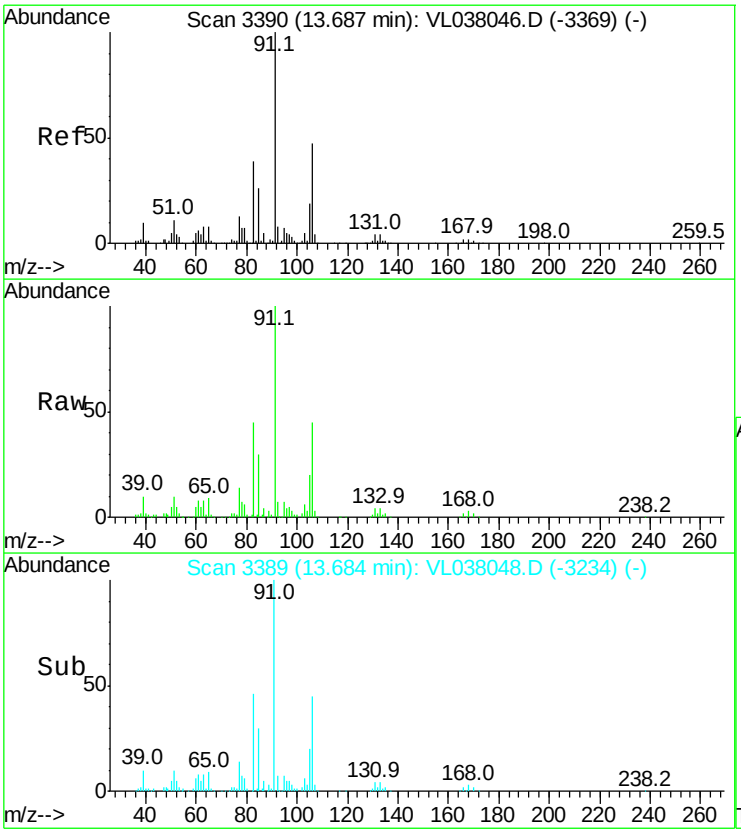
#59
m/p-Xylene
Concen: 0.988 ppbv
RT: 12.99
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 309250

Ion	Ratio	Lower	Upper
91	100		
106	116.1	38.1	57.1#

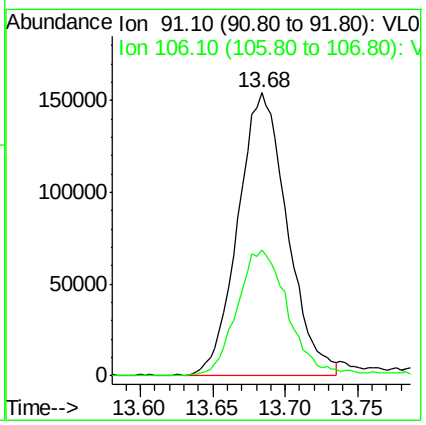


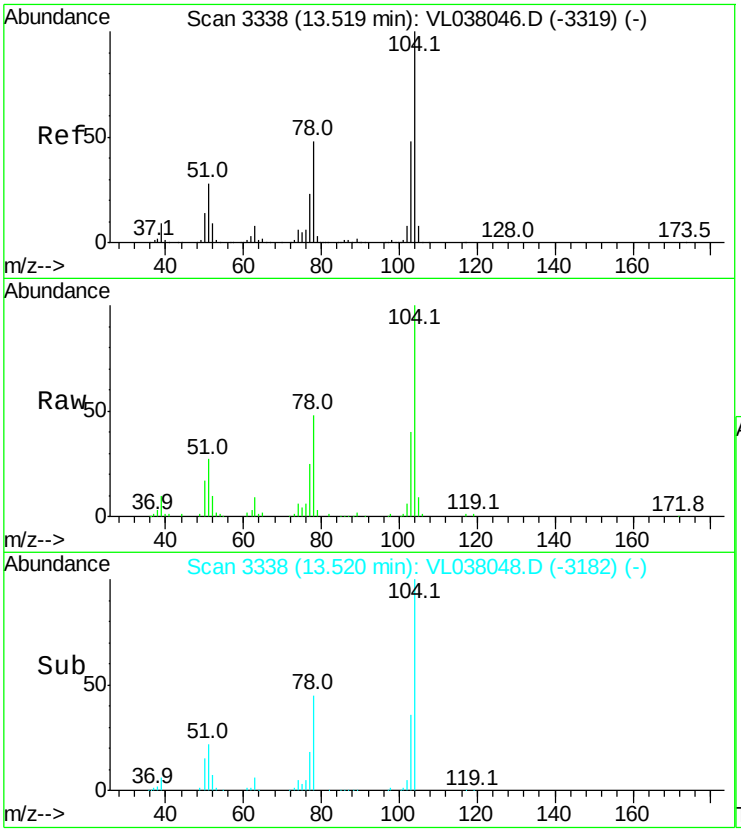


#60
o-Xylene
Concen: 1.251 ppbv
RT: 13.68 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VL038048.D
Acq: 18 Nov 2021 10:04

Tgt Ion: 91 Resp: 363526

Ion	Ratio	Lower	Upper
91	100		
106	46.7	24.2	72.6



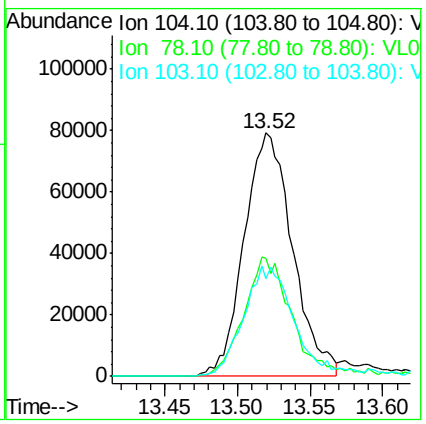


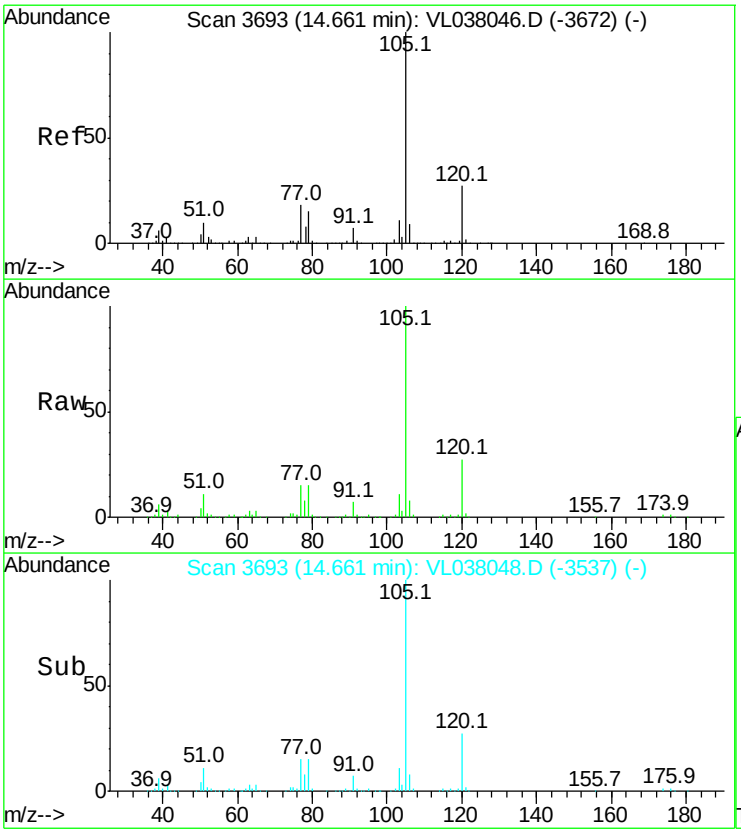
#61
Styrene
Concen: 1.137 ppbv
RT: 13.52
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:104 Resp: 184178

Ion	Ratio	Lower	Upper
104	100		
78	49.1	39.8	59.6
103	48.5	38.2	57.2

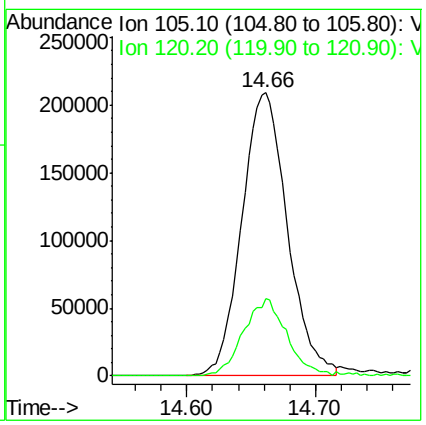


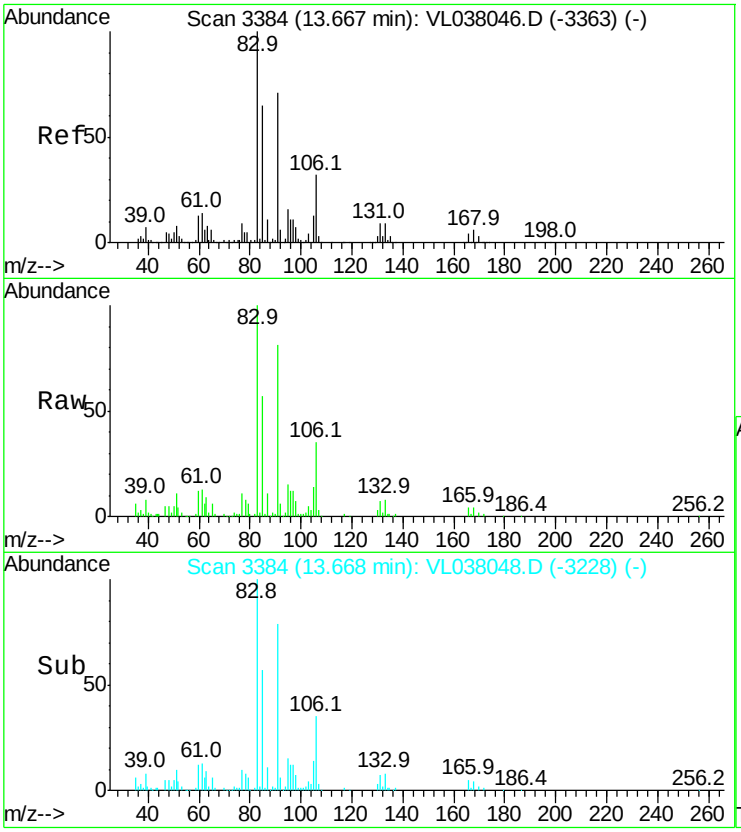


#62
Isopropylbenzene
Concen: 1.226 ppbv
RT: 14.66 min Scan# 3693
Delta R.T. 0.00 min
Lab File: VL038048.D
Acq: 18 Nov 2021 10:04

Tgt Ion:105 Resp: 515035

Ion	Ratio	Lower	Upper
105	100		
120	26.5	21.8	32.6



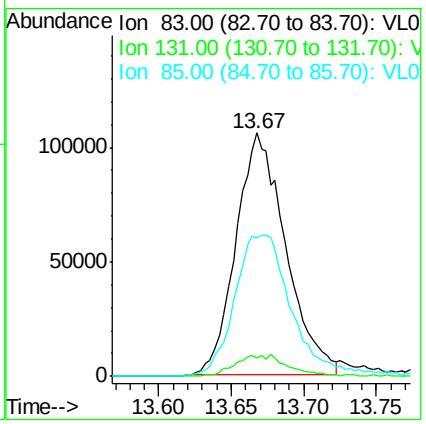


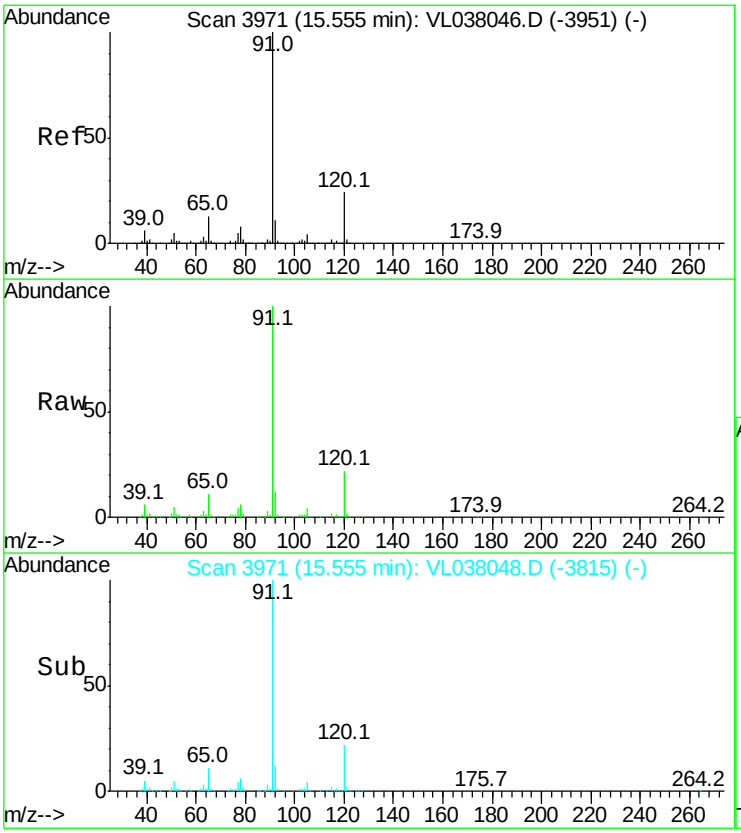
#63
1,1,2,2-Tetrachloroethane
Concen: 1.162 ppbv
RT: 13.67
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 252435

Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.9	14.7
85	67.5	33.4	100.1

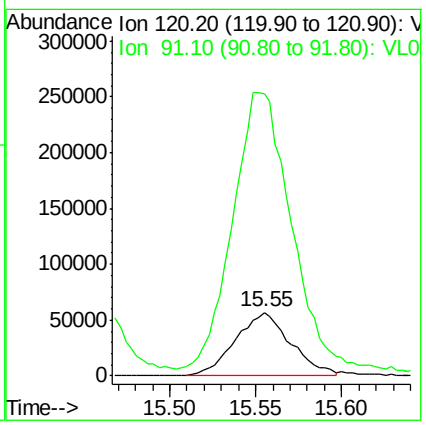


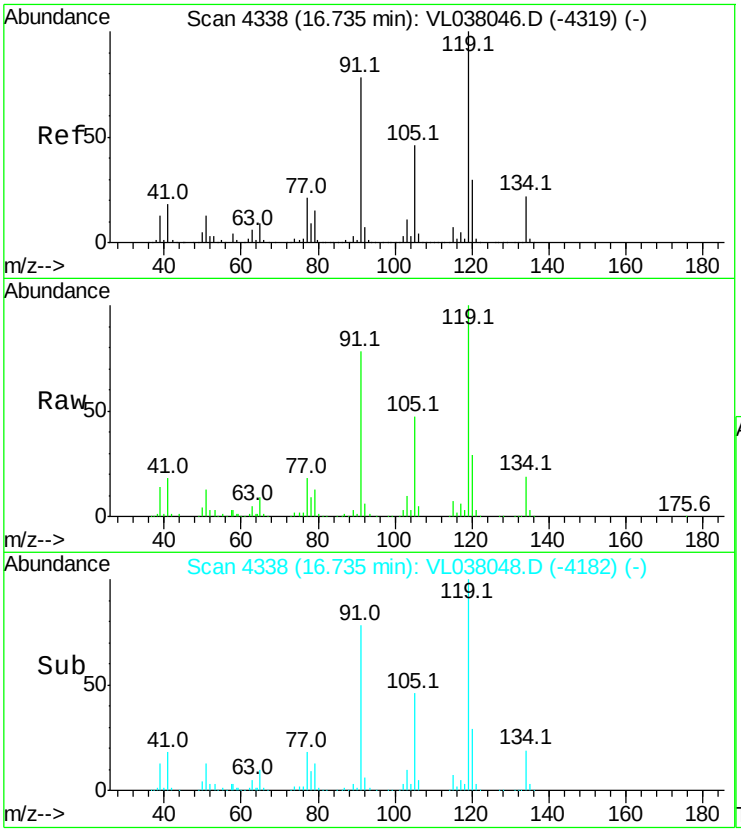


#64
n-propylbenzene
Concen: 1.157 ppbv
RT: 15.55 min Scan# 3971
Delta R.T. 0.00 min
Lab File: VL038048.D
Acq: 18 Nov 2021 10:04

Tgt Ion:120 Resp: 123945

Ion	Ratio	Lower	Upper
120	100		
91	516.3	371.7	557.5



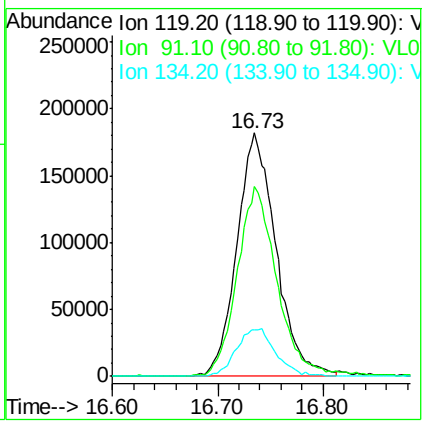


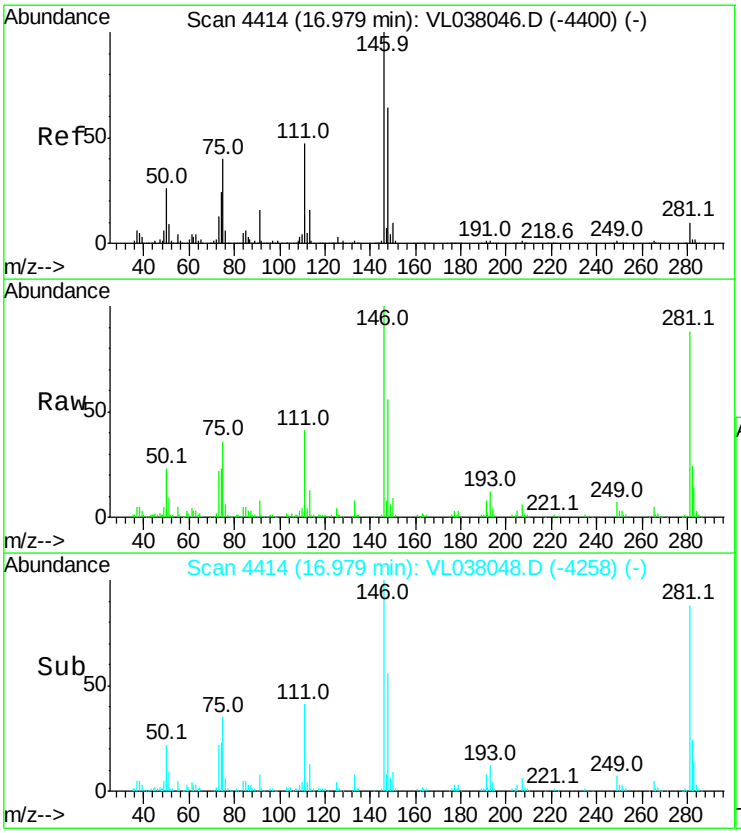
#65
tert-Butylbenzene
Concen: 1.273 ppbv
RT: 16.73
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:119 Resp: 469134

Ion	Ratio	Lower	Upper
119	100		
91	79.7	63.2	94.8
134	19.8	16.1	24.1

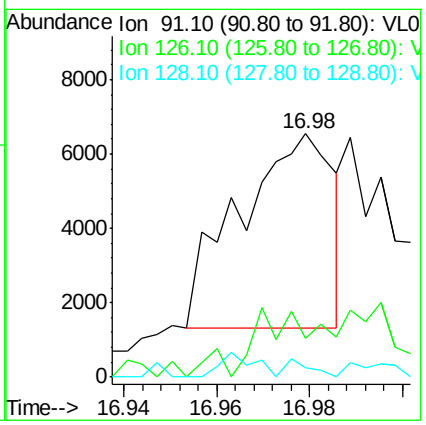


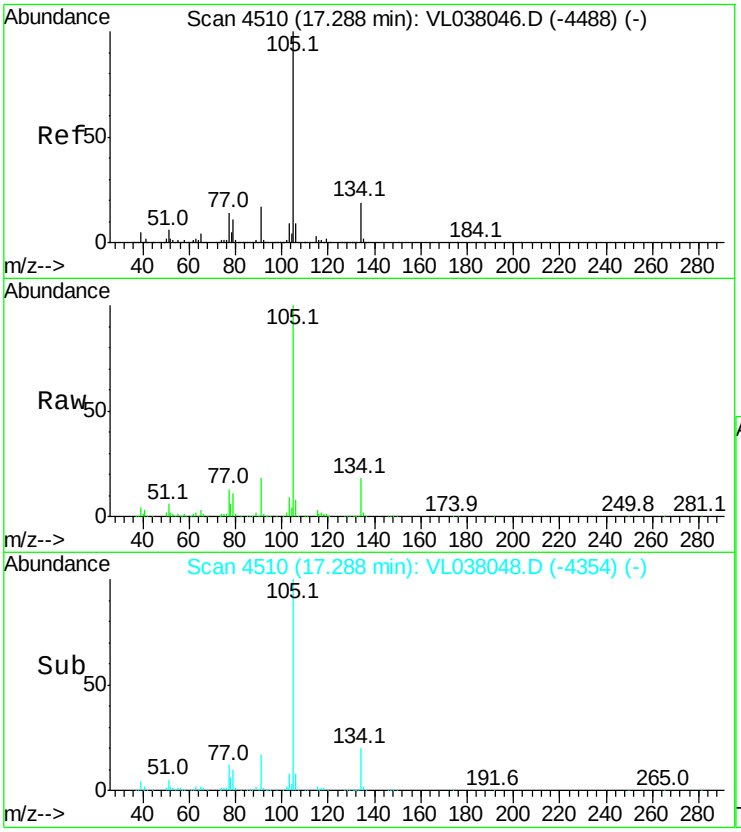


#66
Benzyl Chloride
Concen: 0.286 ppbv
RT: 16.98 min Scan# 4414
Delta R.T. 0.00 min
Lab File: VL038048.D
Acq: 18 Nov 2021 10:04

Tgt Ion: 91 Resp: 7351

Ion	Ratio	Lower	Upper
91	100		
126	0.0	15.5	23.3#
128	12.5	5.6	8.4#



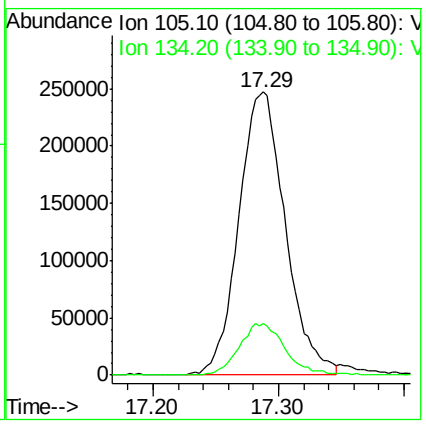


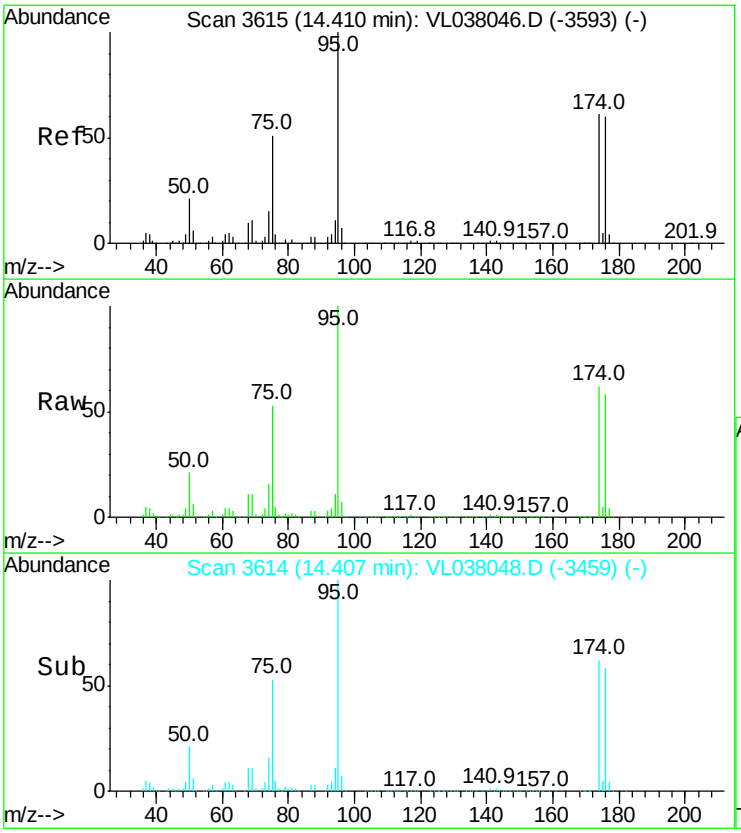
#67
sec-Butylbenzene
Concen: 1.250 ppbv
RT: 17.29
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 636395

Ion	Ratio	Lower	Upper
105	100		
134	18.5	14.7	22.1

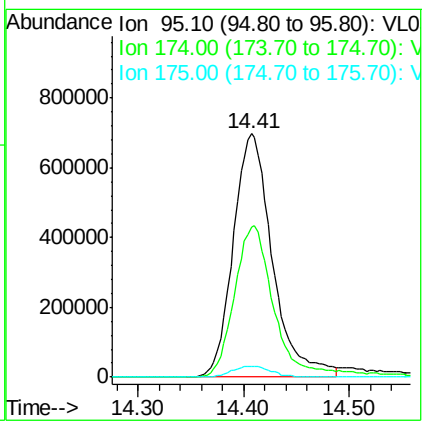


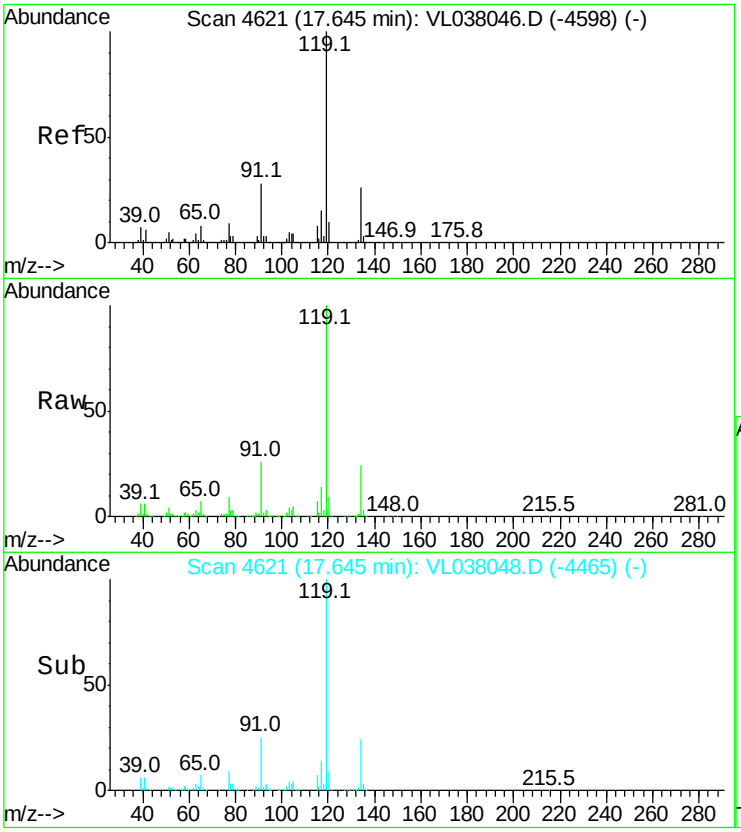


#68
1-Bromo-4-Fluorobenzene
Concen: 10.048 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. -0.00 min
Lab File: VL038048.D
Acq: 18 Nov 2021 10:04

Tgt Ion: 95 Resp: 1800688

Ion	Ratio	Lower	Upper
95	100		
174	65.1	53.1	79.7
175	4.8	4.0	6.0



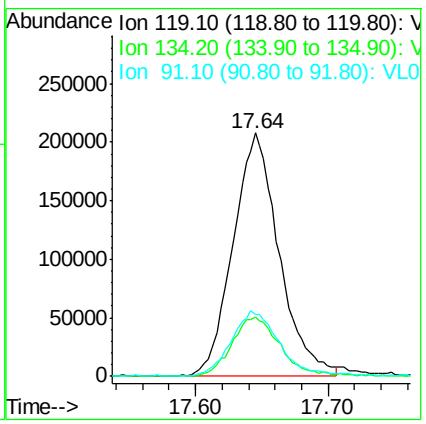


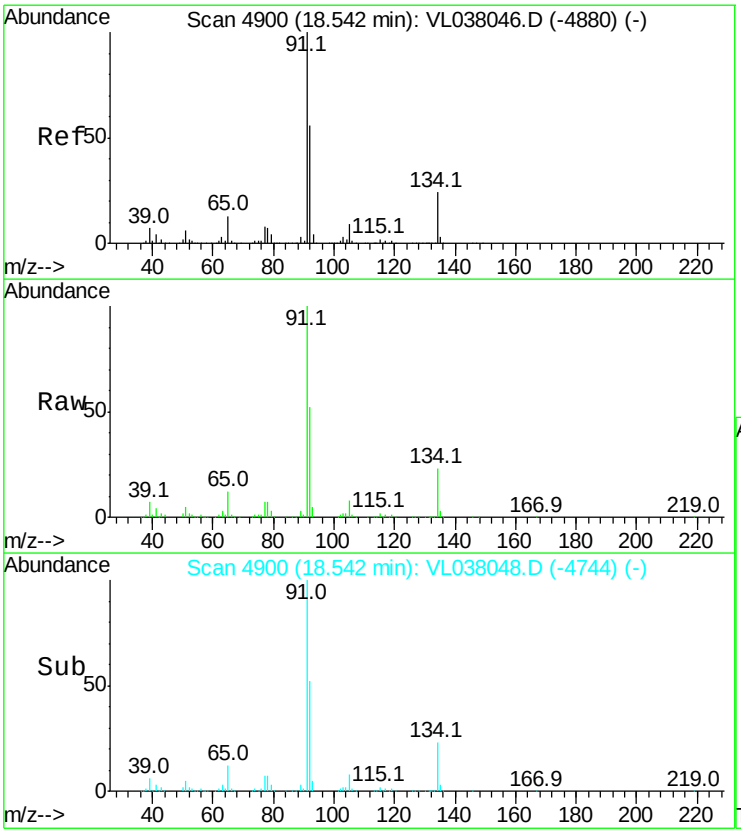
#69
p-Isopropyltoluene
Concen: 1.210 ppbv
RT: 17.64
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:119 Resp: 496723

Ion	Ratio	Lower	Upper
119	100		
134	26.3	20.6	30.8
91	28.0	22.2	33.4

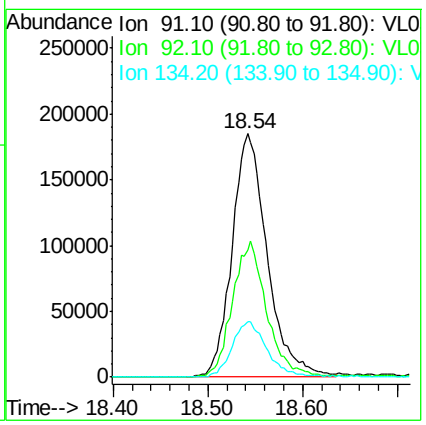


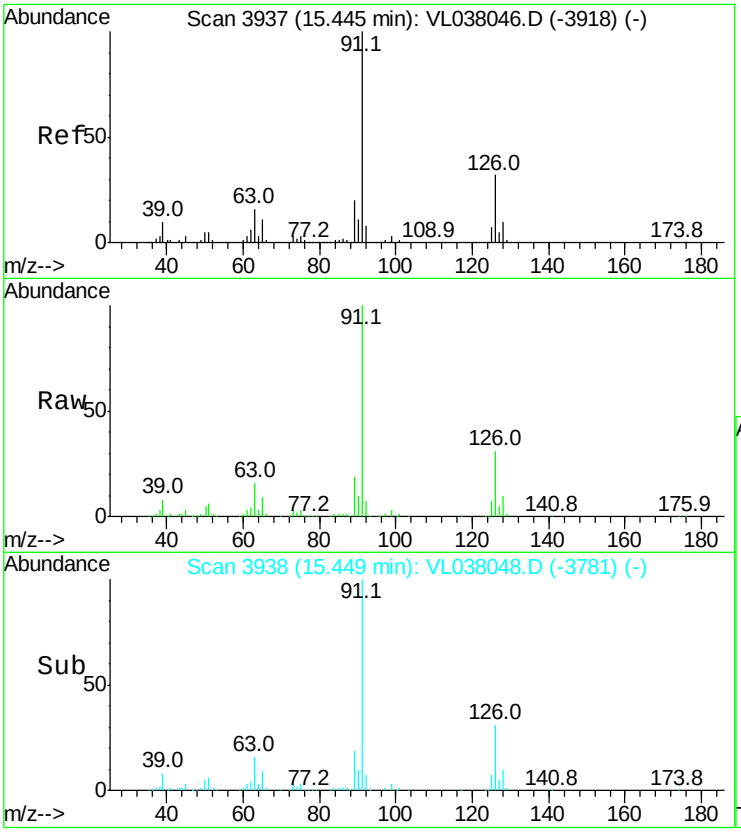


#70
n-Butylbenzene
Concen: 1.271 ppbv
RT: 18.54 min Scan# 4900
Delta R.T. 0.00 min
Lab File: VL038048.D
Acq: 18 Nov 2021 10:04

Tgt Ion: 91 Resp: 478177

Ion	Ratio	Lower	Upper
91	100		
92	54.3	44.1	66.1
134	22.9	18.9	28.3



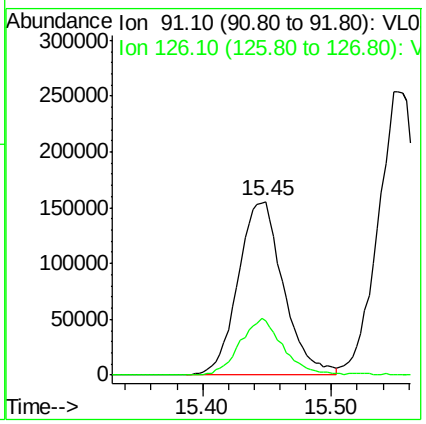


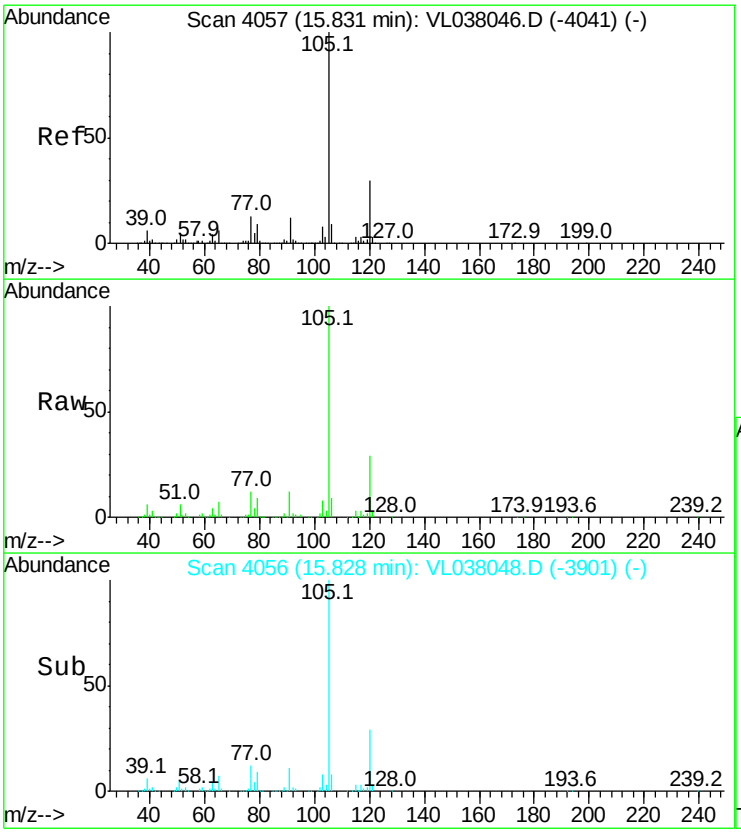
#71
2-Chlorotoluene
Concen: 1.269 ppbv
RT: 15.45
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 381639

Ion	Ratio	Lower	Upper
91	100		
126	31.9	13.1	52.3

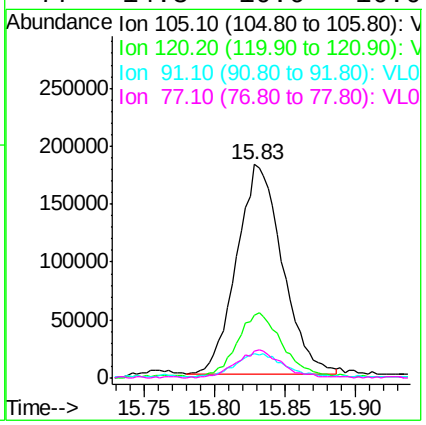


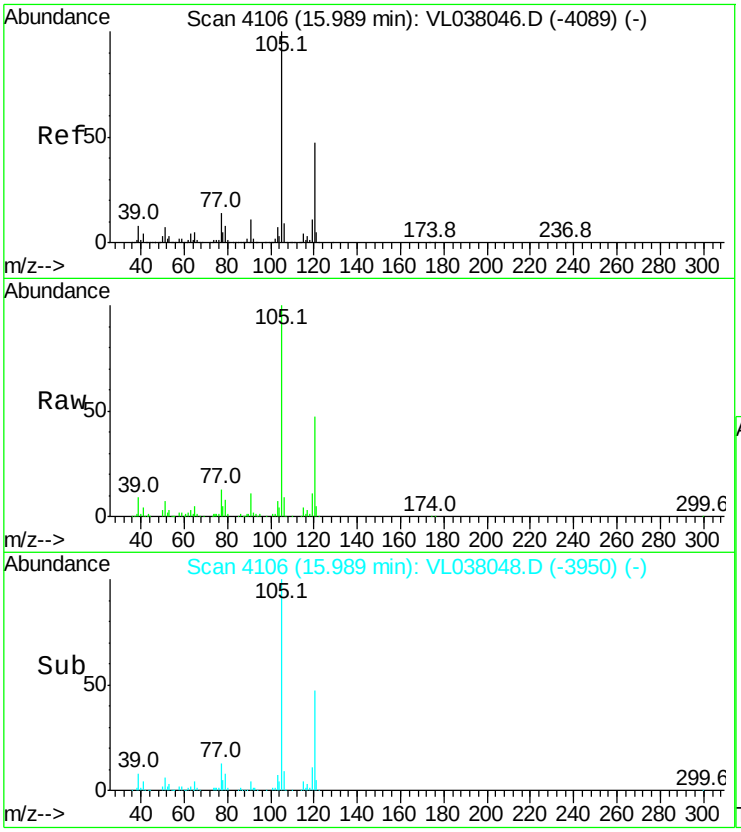


#72
4-Ethyltoluene
Concen: 1.187 ppbv
RT: 15.83 min Scan# 4056
Delta R.T. -0.00 min
Lab File: VL038048.D
Acq: 18 Nov 2021 10:04

Tgt Ion:105 Resp: 411082

Ion	Ratio	Lower	Upper
105	100		
120	31.8	25.1	37.7
91	12.0	9.7	14.5
77	14.3	10.6	16.0



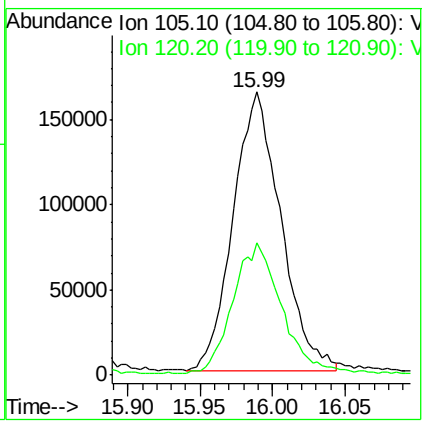


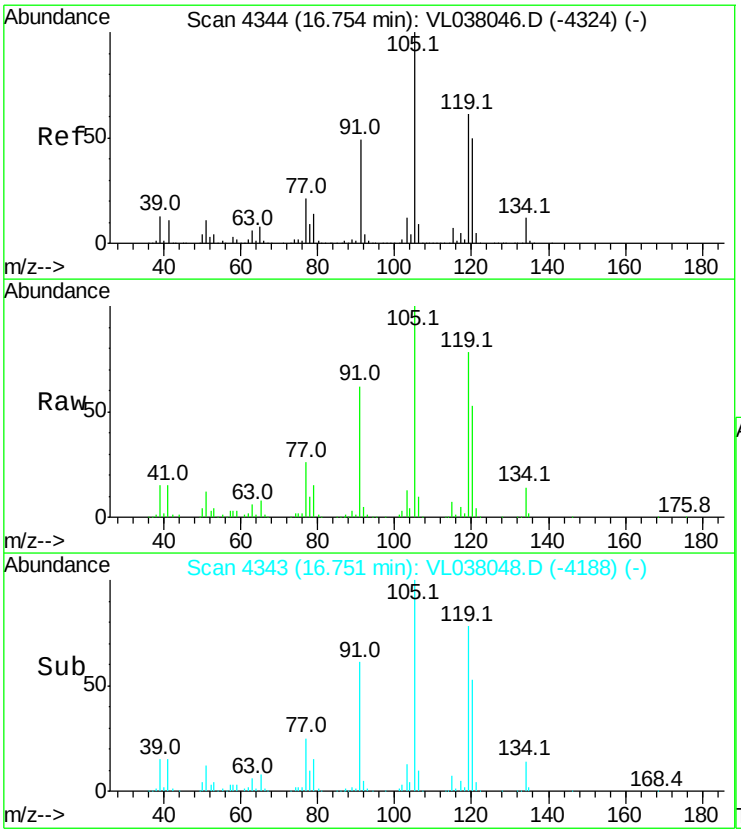
#73
1,3,5-Trimethylbenzene
Concen: 1.176 ppbv
RT: 15.99
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 372654

Ion	Ratio	Lower	Upper
105	100		
120	47.0	37.8	56.6

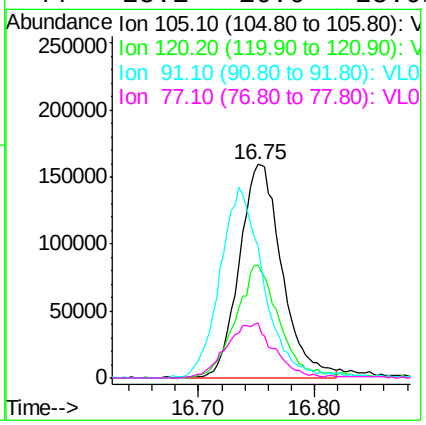


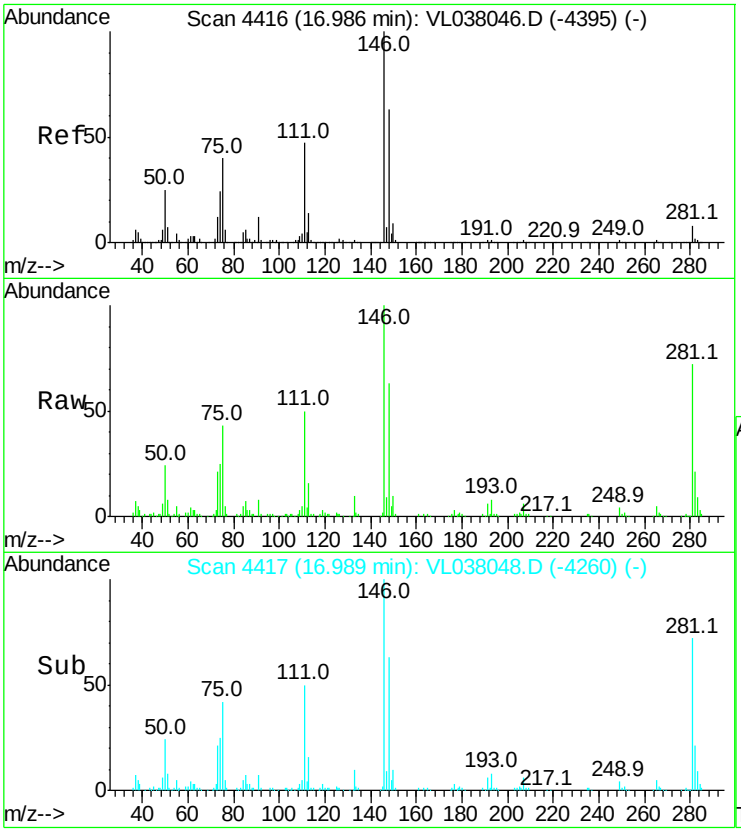


#74
1,2,4-Trimethylbenzene
Concen: 1.271 ppbv
RT: 16.75 min Scan# 4343
Delta R.T. -0.00 min
Lab File: VL038048.D
Acq: 18 Nov 2021 10:04

Tgt Ion:105 Resp: 405559

Ion	Ratio	Lower	Upper
105	100		
120	52.8	40.1	60.1
91	60.5	39.8	59.8#
77	25.1	16.6	25.0#



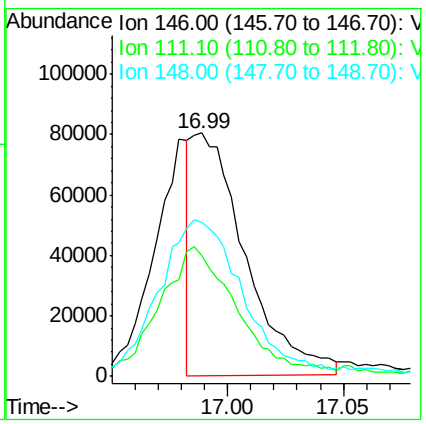


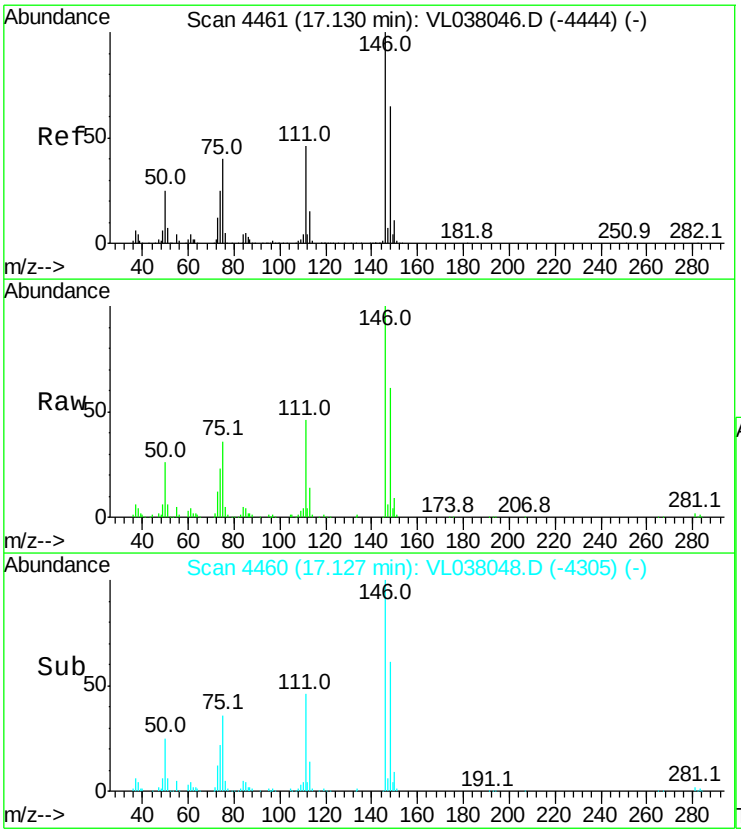
#75
1,3-Dichlorobenzene
Concen: 0.724 ppbv
RT: 16.99
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 127461

Ion	Ratio	Lower	Upper
146	100		
111	82.4	23.5	70.6#
148	107.4	32.1	96.3#

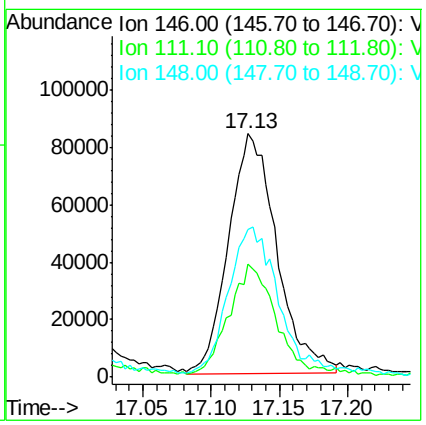


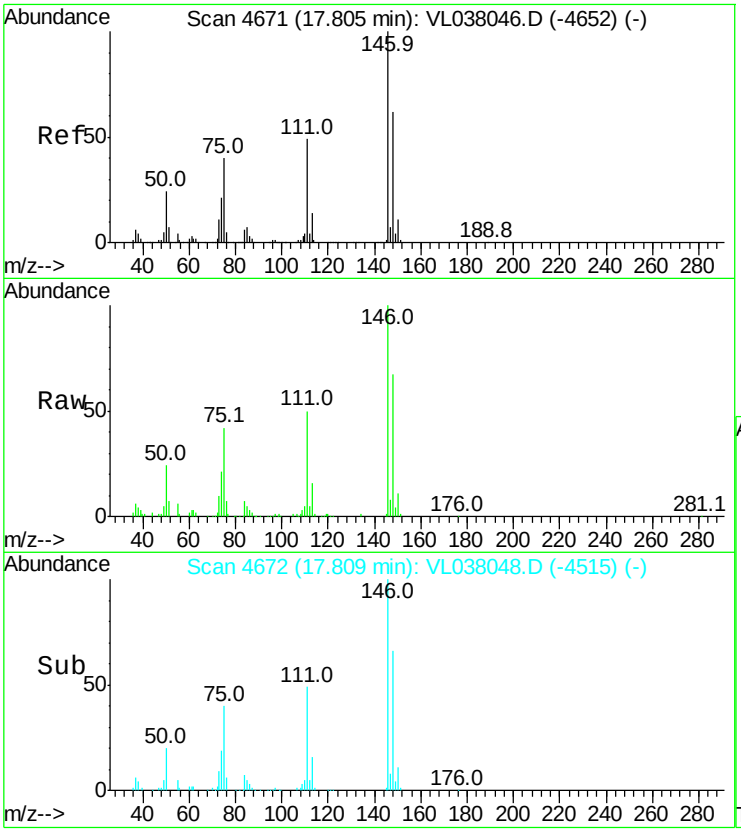


#76
1,4-Dichlorobenzene
Concen: 1.142 ppbv
RT: 17.13 min Scan# 4460
Delta R.T. -0.00 min
Lab File: VL038048.D
Acq: 18 Nov 2021 10:04

Tgt Ion:146 Resp: 206101

Ion	Ratio	Lower	Upper
146	100		
111	48.4	23.8	71.5
148	68.7	33.2	99.6



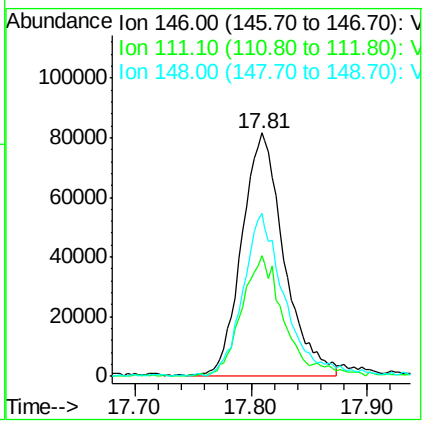


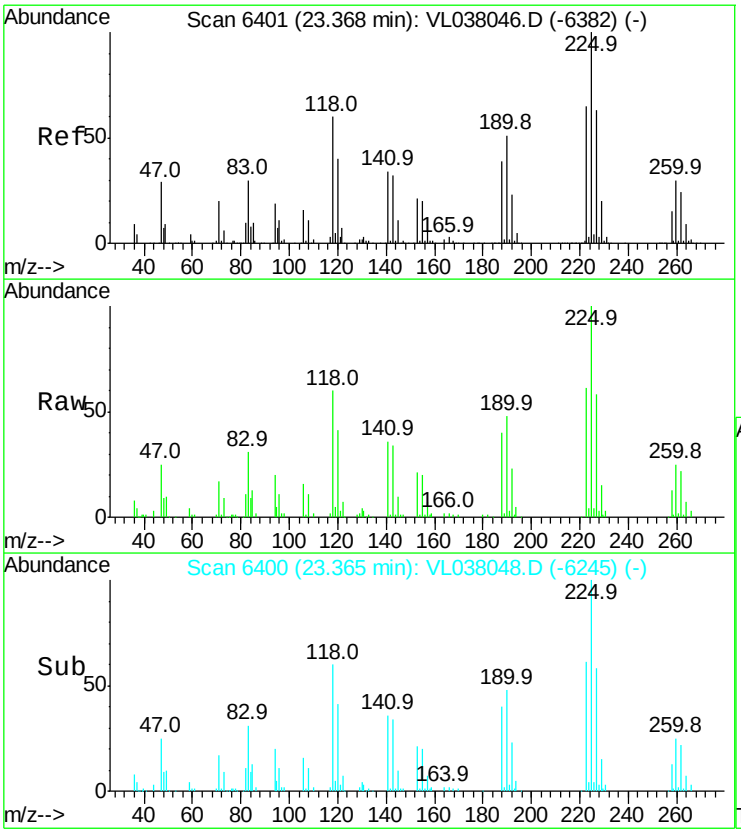
#77
1,2-Dichlorobenzene
Concen: 1.214 ppbv
RT: 17.81
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 205061

Ion	Ratio	Lower	Upper
146	100		
111	51.3	24.8	74.4
148	66.1	32.3	96.9

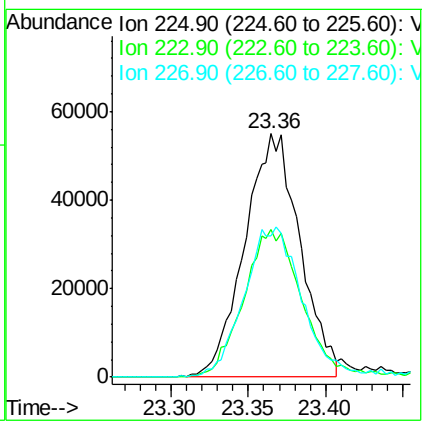


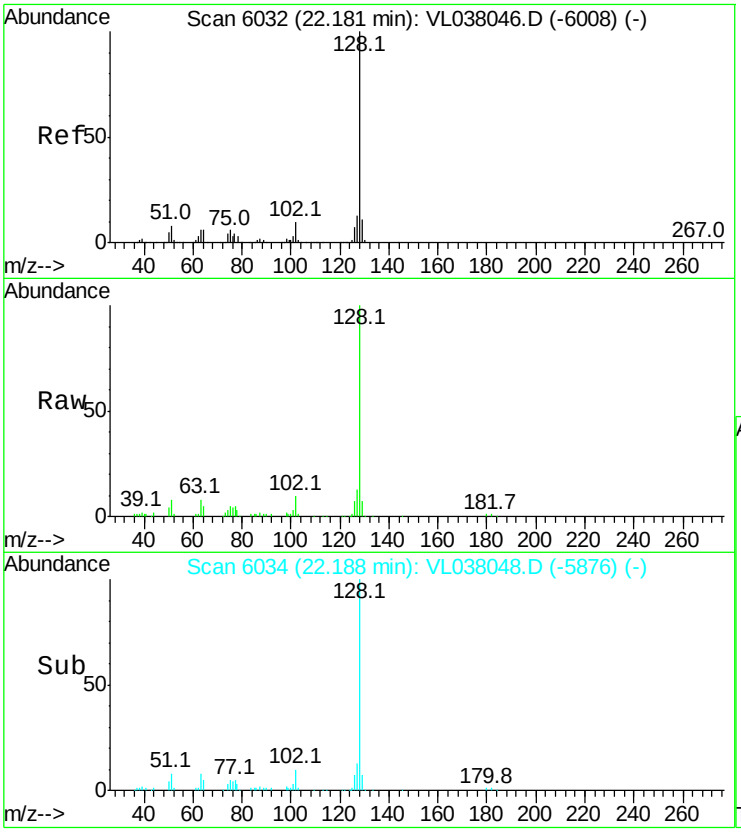


#78
Hexachloro-1,3-Butadiene
Concen: 1.246 ppbv
RT: 23.36 min Scan# 6400
Delta R.T. -0.00 min
Lab File: VL038048.D
Acq: 18 Nov 2021 10:04

Tgt Ion:225 Resp: 136466

Ion	Ratio	Lower	Upper
225	100		
223	65.5	52.3	78.5
227	66.7	52.4	78.6



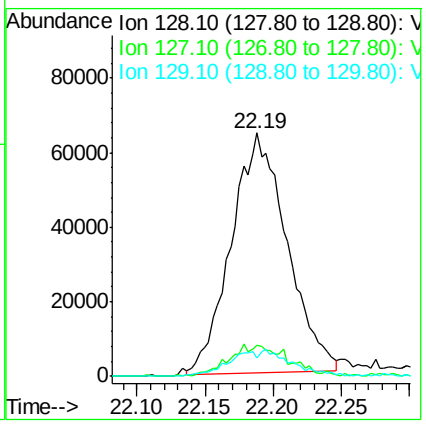


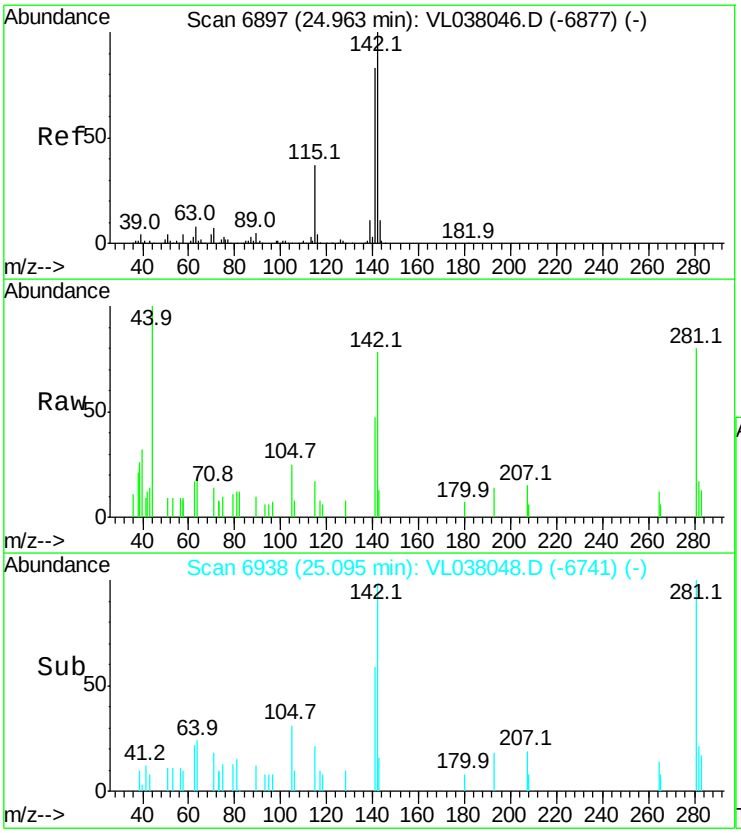
#79
Naphthalene
Concen: 1.042 ppbv
RT: 22.19
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:128 Resp: 182335

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.4	15.6
129	7.0	8.9	13.3#

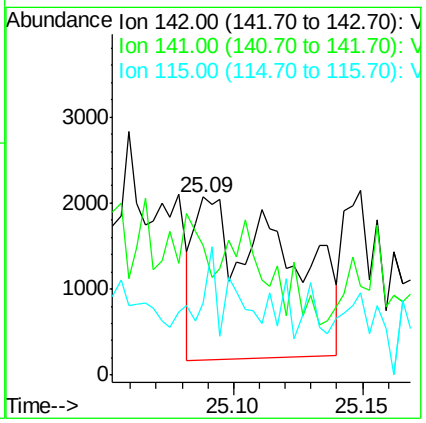


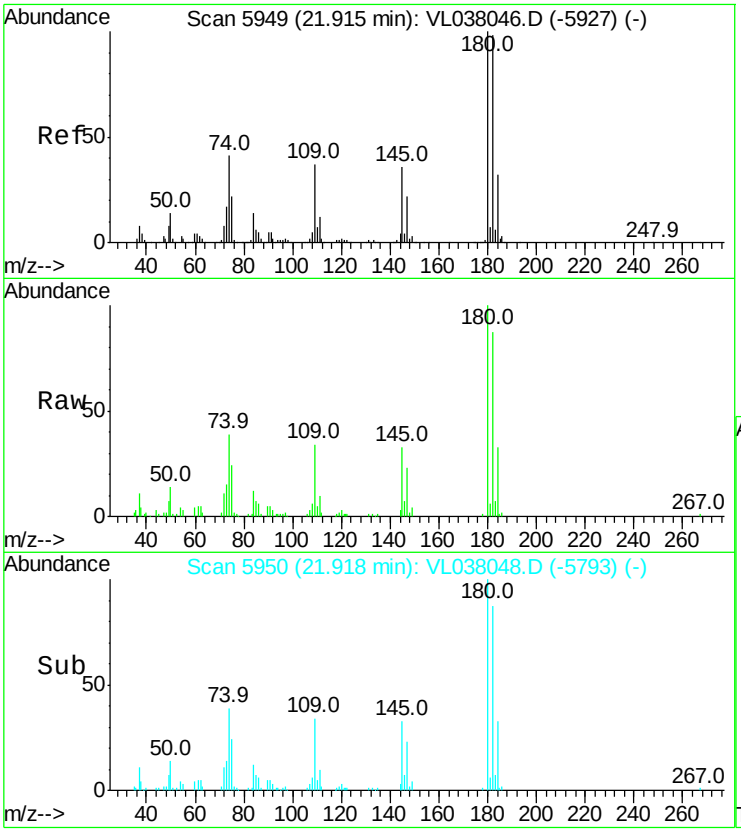


#80
Naphthalene,2-methyl-
Concen: 0.138 ppbv
RT: 25.09 min Scan# 6938
Delta R.T. 0.13 min
Lab File: VL038048.D
Acq: 18 Nov 2021 10:04

Tgt Ion:142 Resp: 4552

Ion	Ratio	Lower	Upper
142	100		
141	82.2	67.3	100.9
115	41.2	28.9	43.3





#81
1,2,4-Trichlorobenzene
Concen: 1.046 ppbv
RT: 21.92
Delta R.T
Lab File:
Acq: 18 Nov 2021 10:04

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:180 Resp: 103548

Ion	Ratio	Lower	Upper
180	100		
182	107.5	77.4	116.2
184	35.2	25.0	37.4