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

Quantitation Report (Not Reviewed)

Data File : VL038045.D
Acq On : 18 Nov 2021 8:09
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Quant Time: Nov 18 08:43:54 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 16 09:59:16 2021
QLast Update : Tue Nov 16 09:59:16 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	924190	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	2777650	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.08	117	2474712	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.40	95	1804298	10.09	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	116595	0.620	ppbv		96
3) Chlorodifluoromethane	3.00	51	104893	0.437	ppbv		98
4) Chloromethane	3.15	50	37006	0.433	ppbv		98
5) Vinyl Chloride	3.26	62	33278	0.406	ppbv		91
6) Bromomethane	3.47	94	16712	0.381	ppbv		81
7) Chloroethane	3.56	64	4962	0.172	ppbv	#	85
8) Dichlorotetrafluoroethane	3.19	85	80854	0.415	ppbv		94
9) Propene	3.01	41	40610	0.448	ppbv		98
10) Heptane	8.11	43	47094	0.211	ppbv	#	27
11) Trichlorofluoromethane	3.95	101	76843	0.414	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	52664	0.366	ppbv		92
13) Ethanol	3.63	45	5253	0.654	ppbv	#	100
14) Bromoethene	3.74	108	23261	0.386	ppbv	#	92
15) Acetone	3.87	43	41297	0.380	ppbv		95
16) 1,3-Butadiene	3.33	39	33874	0.421	ppbv		98
17) tert-Butyl alcohol	4.31	59	51921	0.356	ppbv	#	94
18) 1,1-Dichloroethene	4.29	96	23125	0.348	ppbv		83
20) Methylene Chloride	4.34	84	32122	0.504	ppbv		87
21) Allyl Chloride	4.41	41	35825	0.329	ppbv		87
22) trans-1,2-Dichloroethene	4.88	96	12440	0.186	ppbv		83
23) Vinyl Acetate	5.08	43	53471	0.297	ppbv	#	96
24) 1,1-Dichloroethane	5.01	63	48607	0.346	ppbv		100
25) Ethyl Acetate	5.69	43	141175	0.552	ppbv	#	97
26) Hexane	5.69	57	74926	0.583	ppbv		97
27) Carbon Disulfide	4.55	76	51897	0.308	ppbv	#	87
28) Methyl tert-Butyl Ether	5.05	73	56054	0.340	ppbv		97
29) Chloroform	5.74	83	98624	0.510	ppbv		97
30) Cyclohexane	7.13	84	62858	0.435	ppbv		95
31) cis-1,2-Dichloroethene	5.55	61	60254	0.567	ppbv		96
32) 1,1,1-Trichloroethane	6.50	97	98808	0.403	ppbv		96
34) 2-Butanone	5.26	43	53405	0.583	ppbv		92
35) Carbon Tetrachloride	7.01	117	98974	0.516	ppbv		97
36) Benzene	6.88	78	148429	0.562	ppbv	#	91
37) 1,2-Dichloroethane	6.30	62	35838	0.292	ppbv	#	78
38) Trichloroethene	7.83	130	54718	0.510	ppbv		93
39) 1,2-Dichloropropane	7.60	63	27632	0.271	ppbv		93
41) Tetrahydrofuran	6.08	42	22923	0.349	ppbv	#	44
42) Bromodichloromethane	7.78	83	100765	0.522	ppbv		96
43) Methyl Methacrylate	8.01	69	30865	0.327	ppbv	#	34
44) 2,2,4-Trimethylpentane	7.86	57	260935	0.575	ppbv		98
45) t-1,3-Dichloropropene	9.28	75	31572	0.404	ppbv		97

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

Quantitation Report (Not Reviewed)

Data File : VL038045.D
Acq On : 18 Nov 2021 8:09
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Quant Time: Nov 18 08:43:54 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 16 09:59:16 2021
QLast Update : Tue Nov 16 09:59:16 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) cis-1,3-Dichloropropene	8.70	75	31404	0.308	ppbv		96
47) 1,1,2-Trichloroethane	9.47	97	58288	0.562	ppbv		97
48) Dibromochloromethane	10.29	129	82541	0.489	ppbv		100
49) Bromoform	13.03	173	55260	0.425	ppbv		98
50) 4-Methyl-2-Pentanone	8.76	43	78414	0.475	ppbv		95
51) 2-Hexanone	10.15	43	14465	0.188	ppbv	#	1
52) Tetrachloroethene	11.21	164	54972	0.551	ppbv	#	86
53) Toluene	9.80	91	176325	0.571	ppbv		98
54) 1,2-Dibromoethane	10.60	107	35196	0.242	ppbv		97
56) 1,1,1,2-Tetrachloroethane	12.12	131	38483	0.356	ppbv	#	1
57) Chlorobenzene	12.14	112	129127	0.636	ppbv	#	91
58) Ethyl Benzene	12.70	91	233538	0.621	ppbv		100
59) m/p-Xylene	12.99	91	184175	0.590	ppbv	#	29
60) o-Xylene	13.68	91	184610	0.637	ppbv		98
61) Styrene	13.51	104	90817	0.562	ppbv		94
62) Isopropylbenzene	14.66	105	254928	0.608	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.67	83	120322	0.555	ppbv		97
64) n-propylbenzene	15.55	120	44368	0.415	ppbv	#	6
65) tert-Butylbenzene	16.73	119	225723	0.614	ppbv		97
66) Benzyl Chloride	16.74	91	180501	7.027	ppbv	#	62
67) sec-Butylbenzene	17.28	105	304303	0.599	ppbv		99
69) p-Isopropyltoluene	17.64	119	246827	0.603	ppbv		98
70) n-Butylbenzene	18.54	91	223561	0.595	ppbv		98
71) 2-Chlorotoluene	15.44	91	185525	0.618	ppbv		97
72) 4-Ethyltoluene	15.83	105	195460	0.565	ppbv		96
73) 1,3,5-Trimethylbenzene	15.99	105	184051	0.582	ppbv		93
74) 1,2,4-Trimethylbenzene	16.75	105	95323	0.299	ppbv		98
75) 1,3-Dichlorobenzene	16.99	146	95649	0.544	ppbv		93
76) 1,4-Dichlorobenzene	17.13	146	96537	0.536	ppbv		90
77) 1,2-Dichlorobenzene	17.81	146	94024	0.558	ppbv		91
78) Hexachloro-1,3-Butadiene	23.36	225	29968	0.274	ppbv	#	1
79) Naphthalene	22.18	128	32314	0.185	ppbv		95
80) Naphthalene,2-methyl-	24.97	142	4214	0.128	ppbv	#	1
81) 1,2,4-Trichlorobenzene	21.92	180	35416	0.359	ppbv	#	56

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

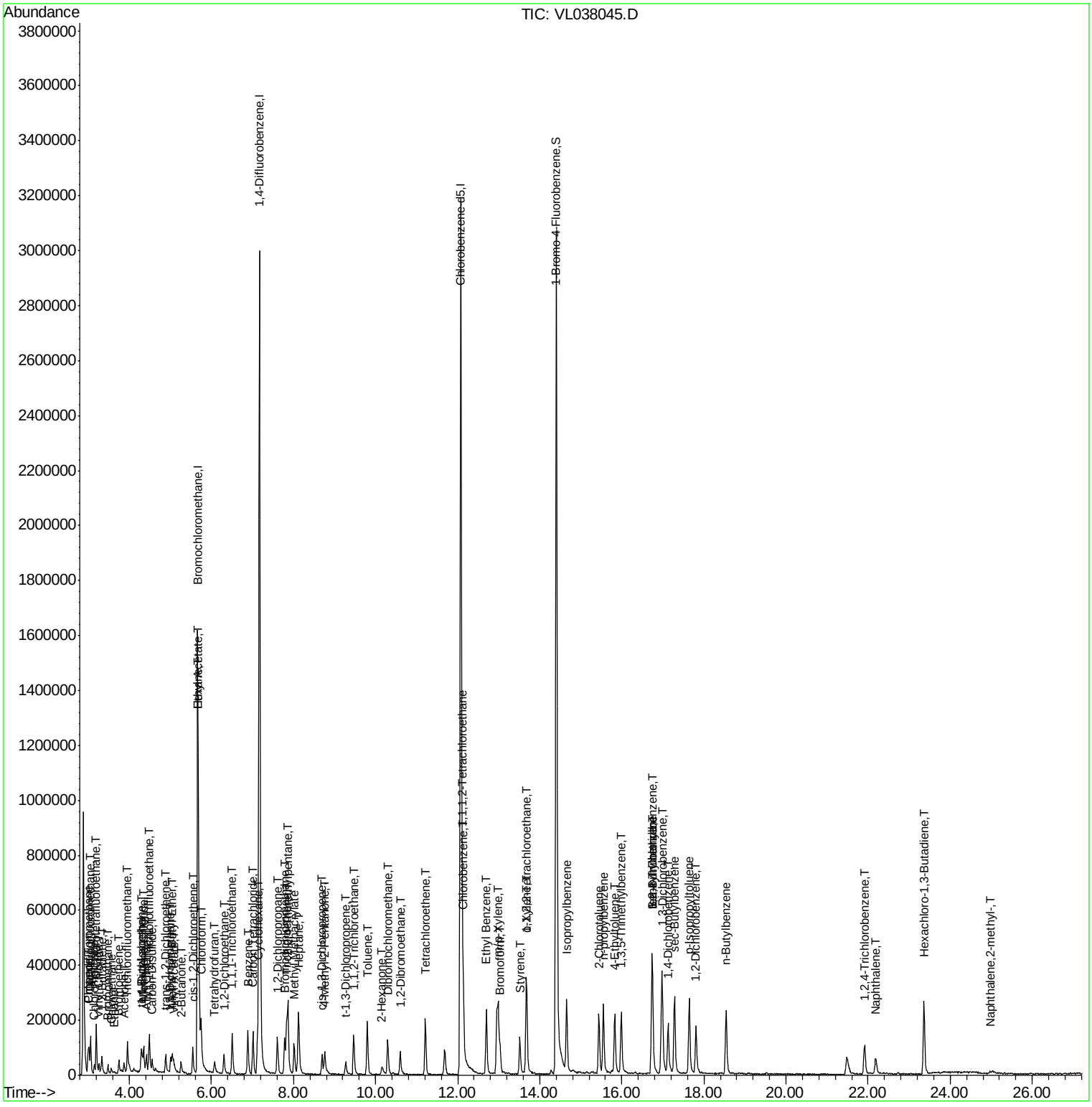
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111821\

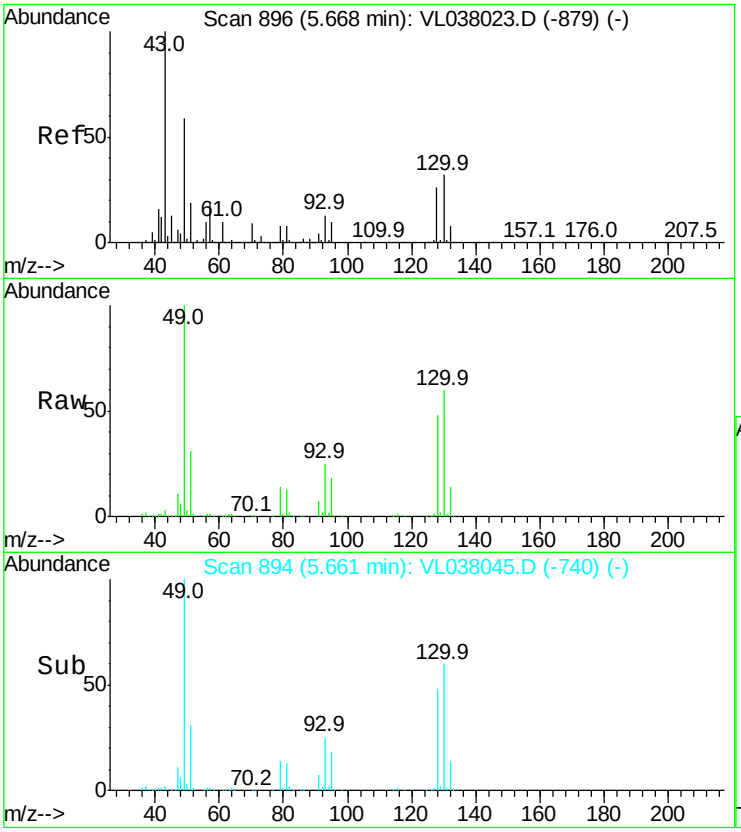
Quantitation Report (Not Reviewed)

Data File : VL038045.D
Acq On : 18 Nov 2021 8:09
Operator : SY/AP
Sample : VSTDICC0.5
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Quant Time: Nov 18 08:43:54 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 16 09:59:16 2021
QLast Update : Tue Nov 16 09:59:16 2021
Response via : Initial Calibration



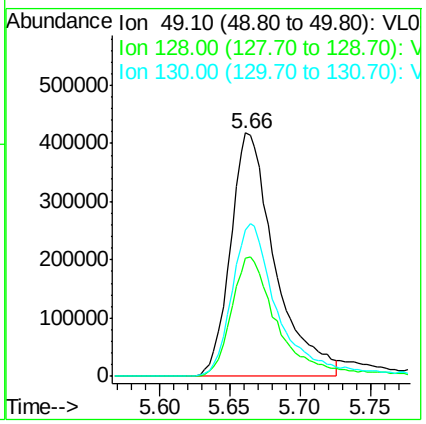


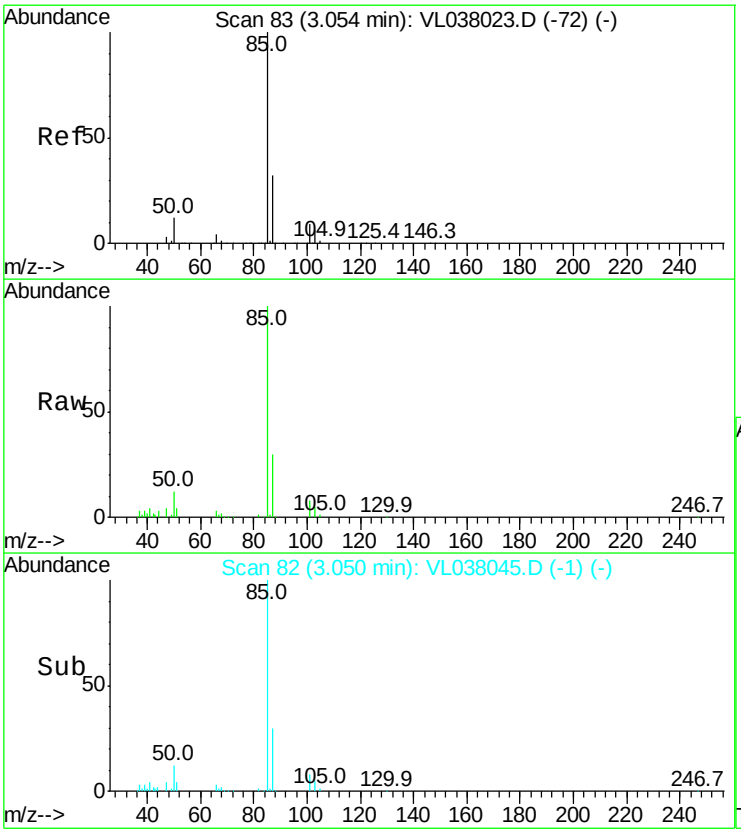
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 18 Nov 2021 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 49 Resp: 924190

Ion	Ratio	Lower	Upper
49	100		
128	53.5	23.4	70.2
130	67.8	29.1	87.3

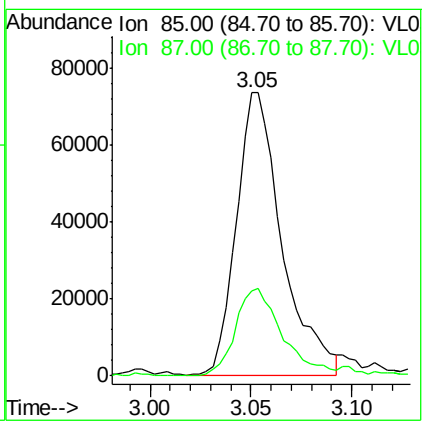


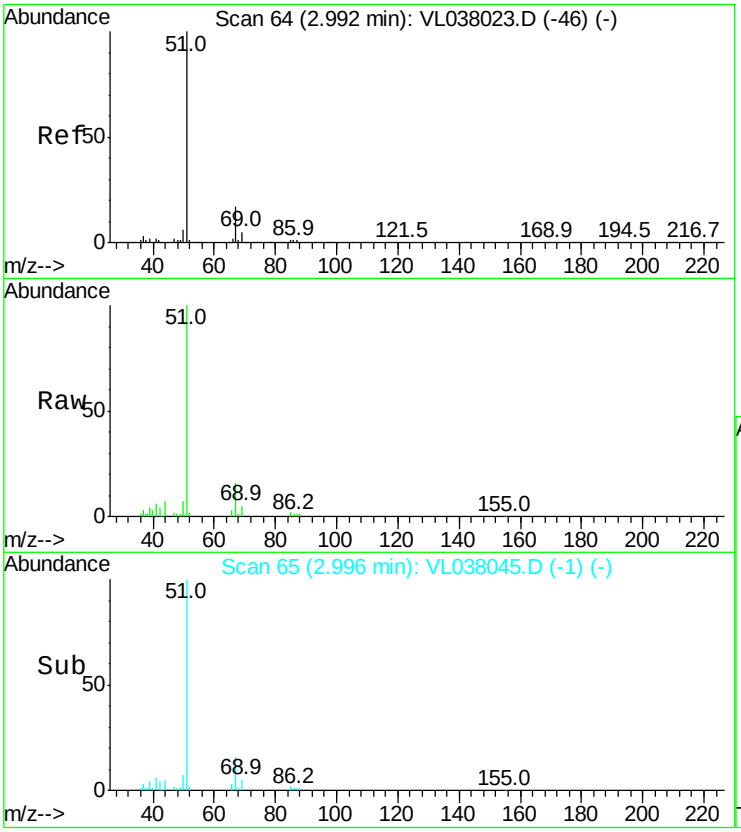


#2
Dichlorodifluoromethane
Concen: 0.620 ppbv
RT: 3.05 min Scan# 82
Delta R.T. -0.00 min
Lab File: VL038045.D
Acq: 18 Nov 2021 8:09

Tgt Ion: 85 Resp: 116595

Ion	Ratio	Lower	Upper
85	100		
87	29.9	25.9	38.9



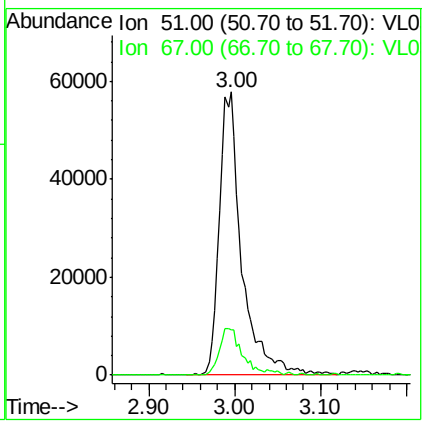


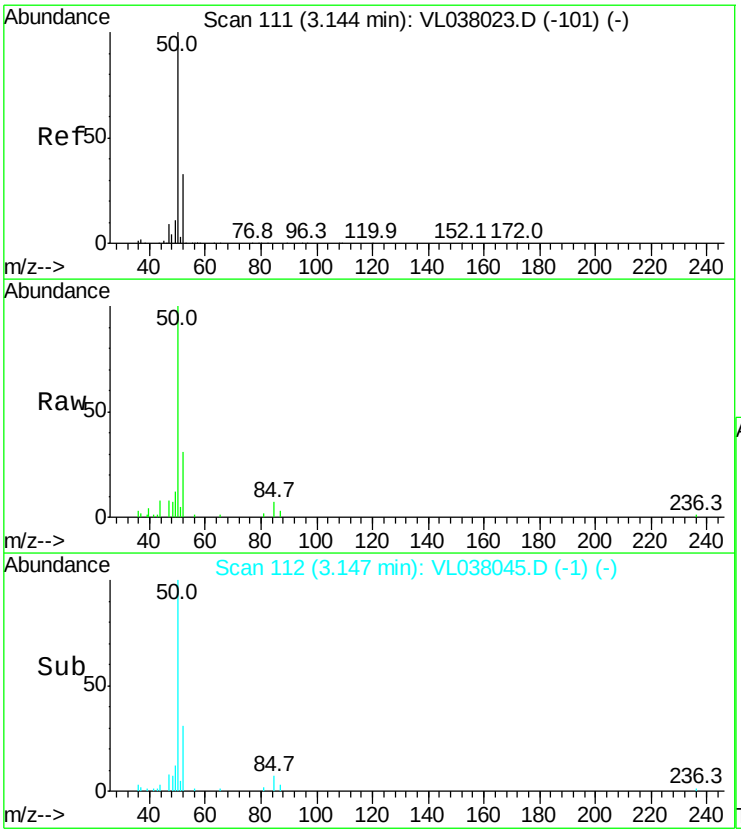
#3
Chlorodifluoromethane
Concen: 0.437 ppbv
RT: 3.00
Delta R.T
Lab File:
Acq: 18 Nov 2021 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 51 Resp: 104893

Ion	Ratio	Lower	Upper
51	100		
67	17.7	13.5	20.3

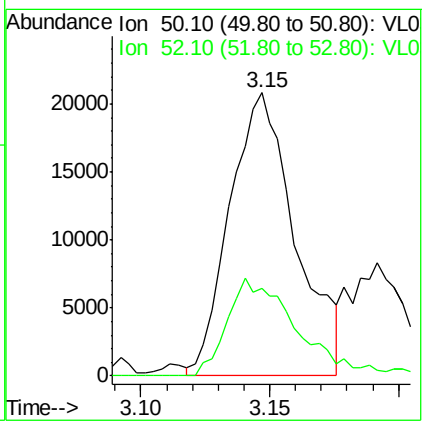


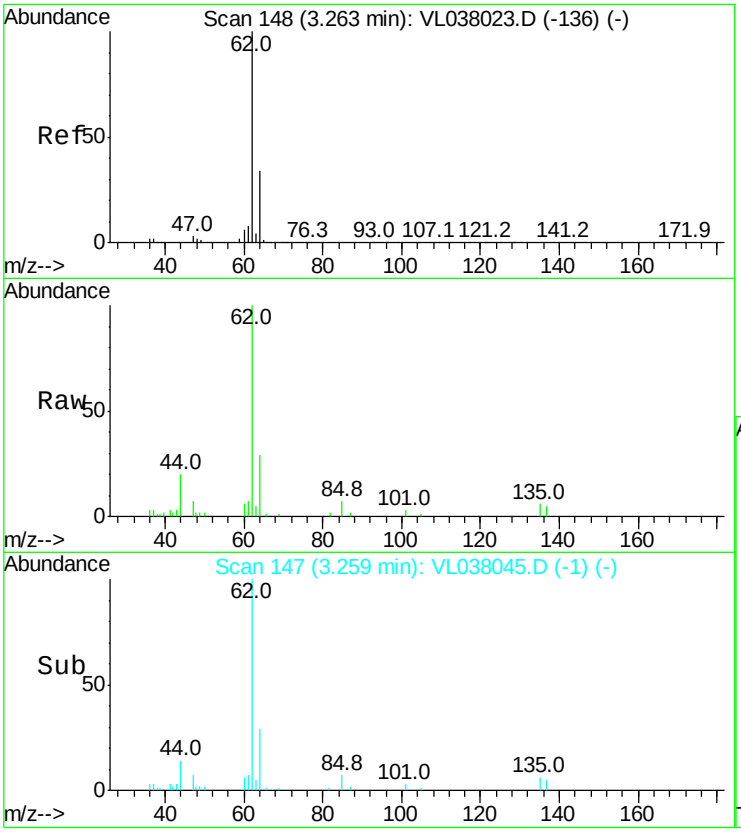


#4
Chloromethane
Concen: 0.433 ppbv
RT: 3.15 min Scan# 112
Delta R.T. 0.00 min
Lab File: VL038045.D
Acq: 18 Nov 2021 8:09

Tgt Ion: 50 Resp: 37006

Ion	Ratio	Lower	Upper
50	100		
52	32.0	26.4	39.6



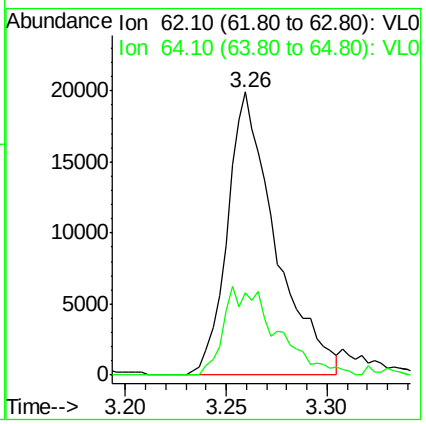


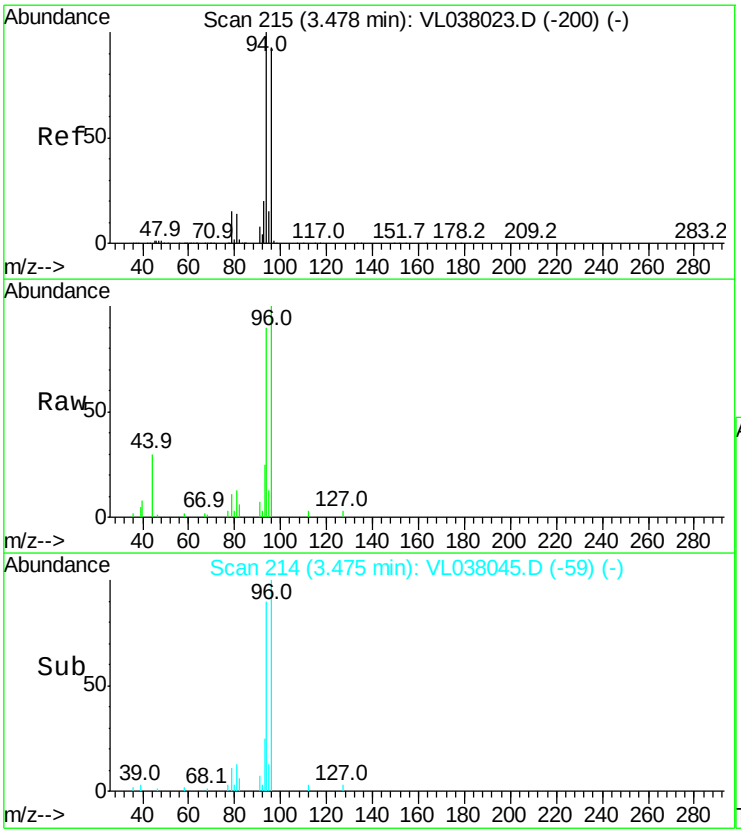
#5
Vinyl Chloride
Concen: 0.406 ppbv
RT: 3.26
Delta R.T
Lab File:
Acq: 18 Nov 2021 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 62 Resp: 33278

Ion	Ratio	Lower	Upper
62	100		
64	29.1	27.4	41.0

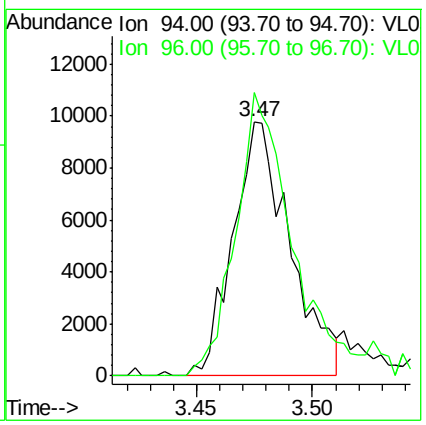


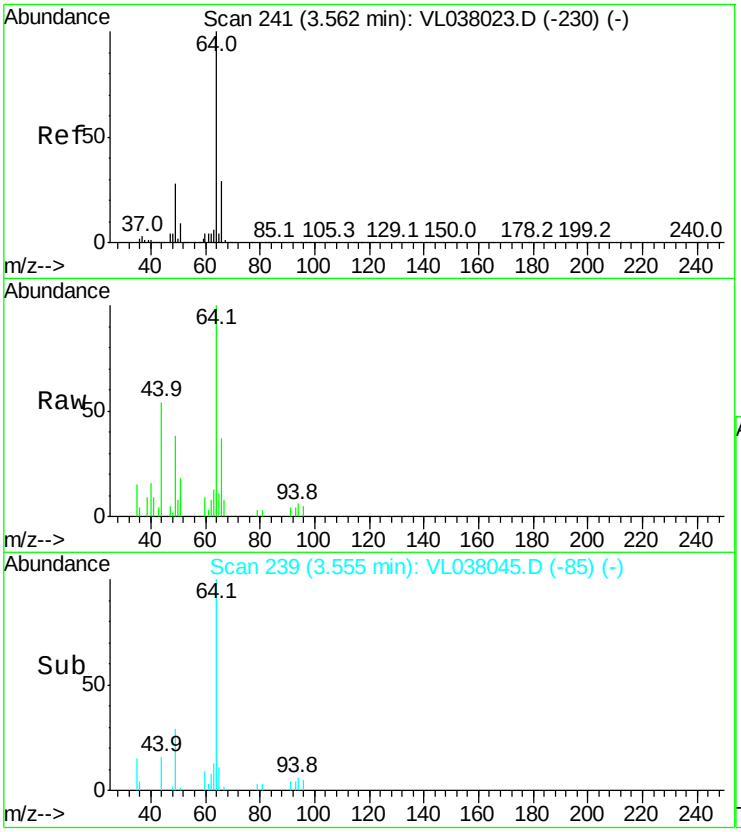


#6
Bromomethane
Concen: 0.381 ppbv
RT: 3.47 min Scan# 214
Delta R.T. -0.00 min
Lab File: VL038045.D
Acq: 18 Nov 2021 8:09

Tgt Ion: 94 Resp: 16712

Ion	Ratio	Lower	Upper
94	100		
96	111.3	74.8	112.2



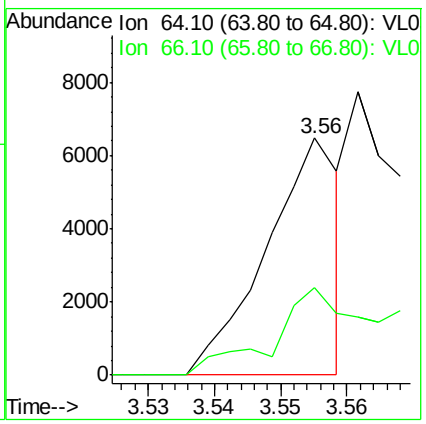


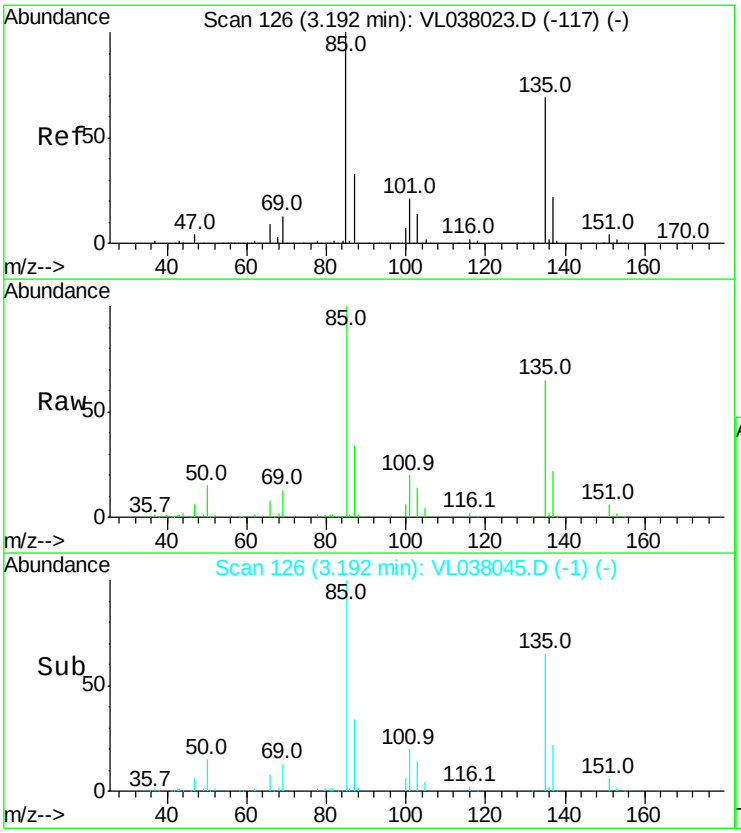
#7
Chloroethane
Concen: 0.172 ppbv
RT: 3.56
Delta R.T
Lab File:
Acq: 18 Nov 2021 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 64 Resp: 4962

Ion	Ratio	Lower	Upper
64	100		
66	36.8	23.1	34.7#

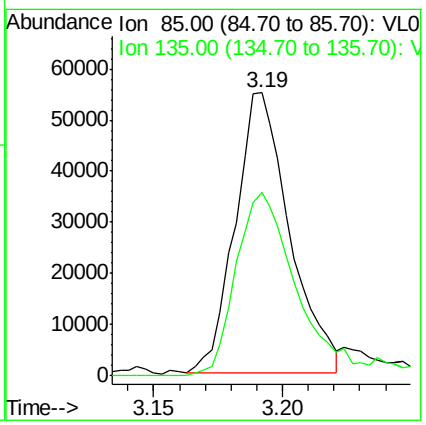


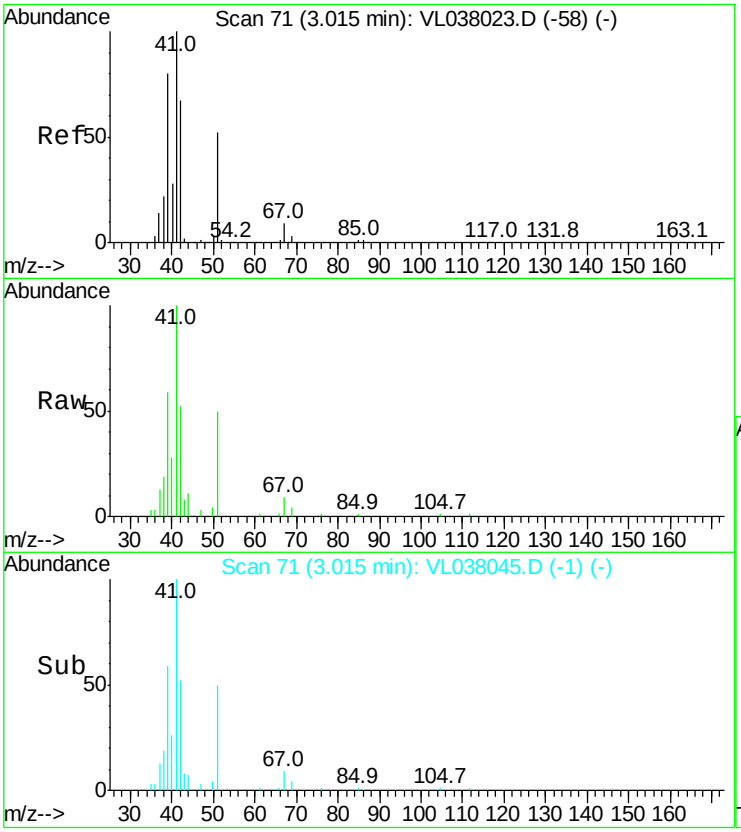


#8
Dichlorotetrafluoroethane
Concen: 0.415 ppbv
RT: 3.19 min Scan# 126
Delta R.T. -0.00 min
Lab File: VL038045.D
Acq: 18 Nov 2021 8:09

Tgt Ion: 85 Resp: 80854

Ion	Ratio	Lower	Upper
85	100		
135	76.7	57.0	85.6



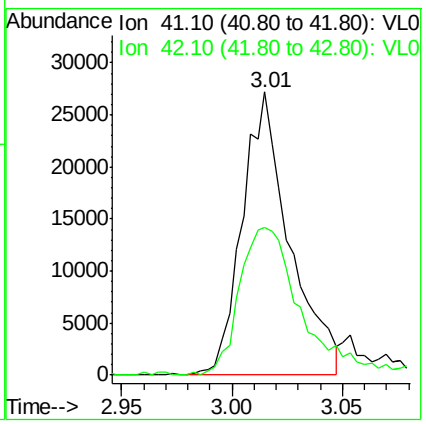


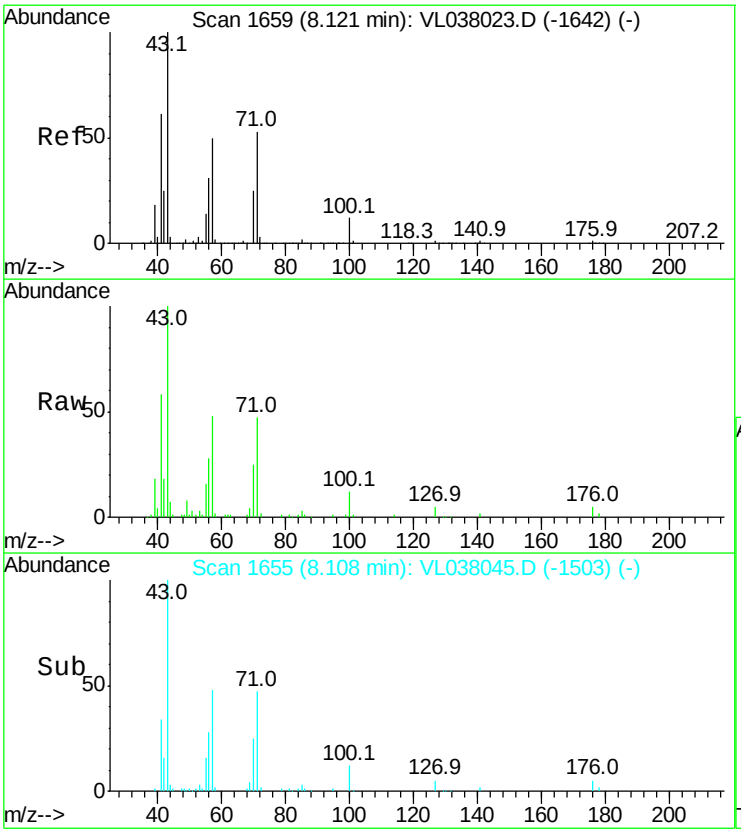
#9
Propene
Concen: 0.448 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 18 Nov 2021 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 41 Resp: 40610

Ion	Ratio	Lower	Upper
41	100		
42	70.4	55.4	83.0

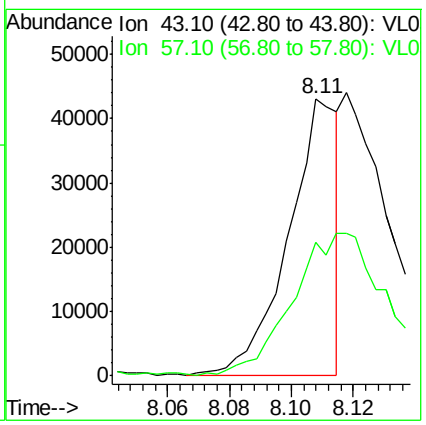


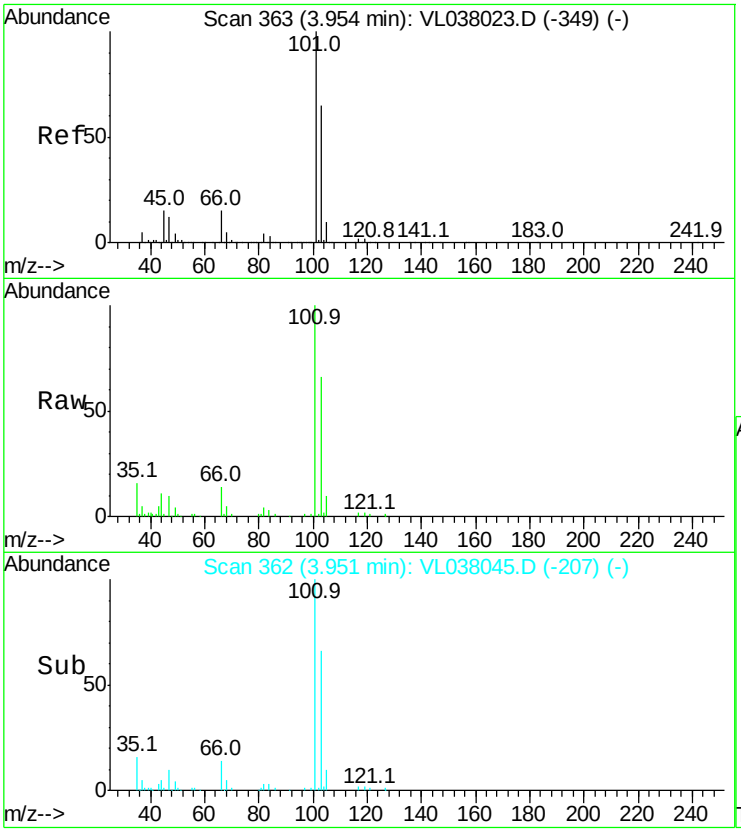


#10
Heptane
Concen: 0.211 ppbv
RT: 8.11 min Scan# 1655
Delta R.T. -0.01 min
Lab File: VL038045.D
Acq: 18 Nov 2021 8:09

Tgt Ion: 43 Resp: 47094

Ion	Ratio	Lower	Upper
43	100		
57	0.0	40.2	60.2#



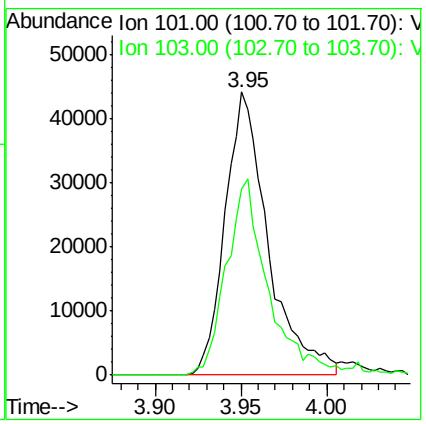


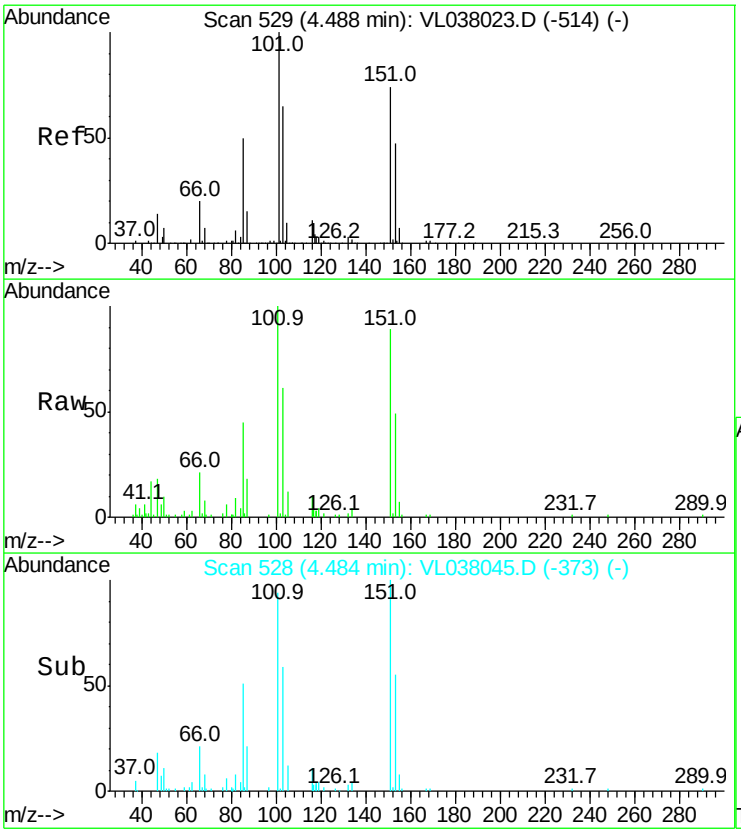
#11
Trichlorofluoromethane
Concen: 0.414 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 18 Nov 2021 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:101 Resp: 76843

Ion	Ratio	Lower	Upper
101	100		
103	65.8	52.3	78.5

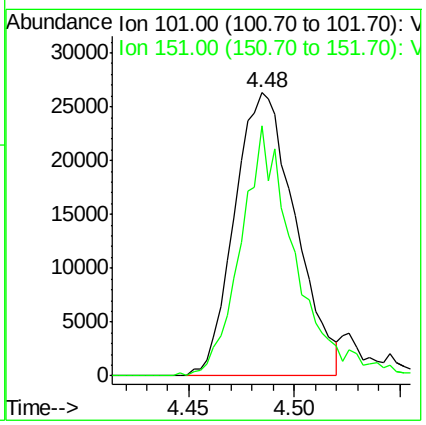


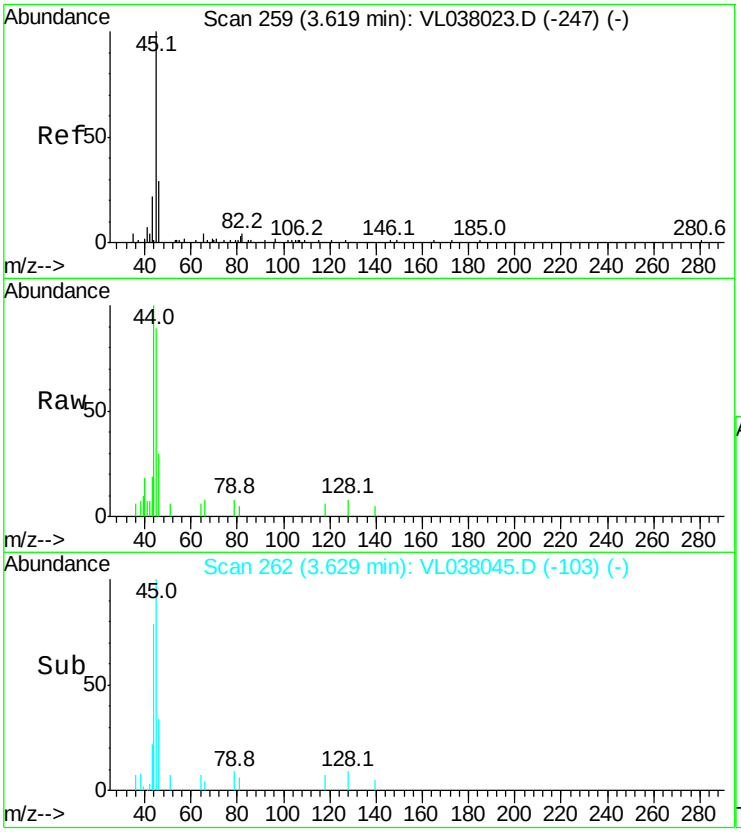


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.366 ppbv
RT: 4.48 min Scan# 528
Delta R.T. -0.00 min
Lab File: VL038045.D
Acq: 18 Nov 2021 8:09

Tgt Ion:101 Resp: 52664

Ion	Ratio	Lower	Upper
101	100		
151	79.4	57.8	86.8



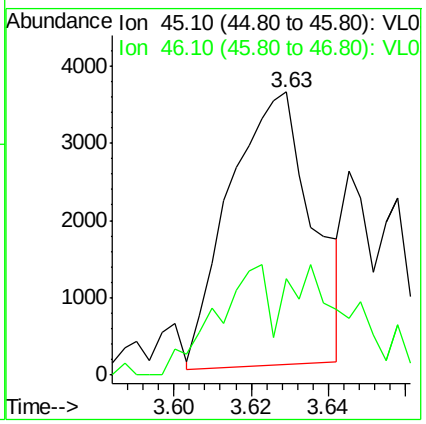


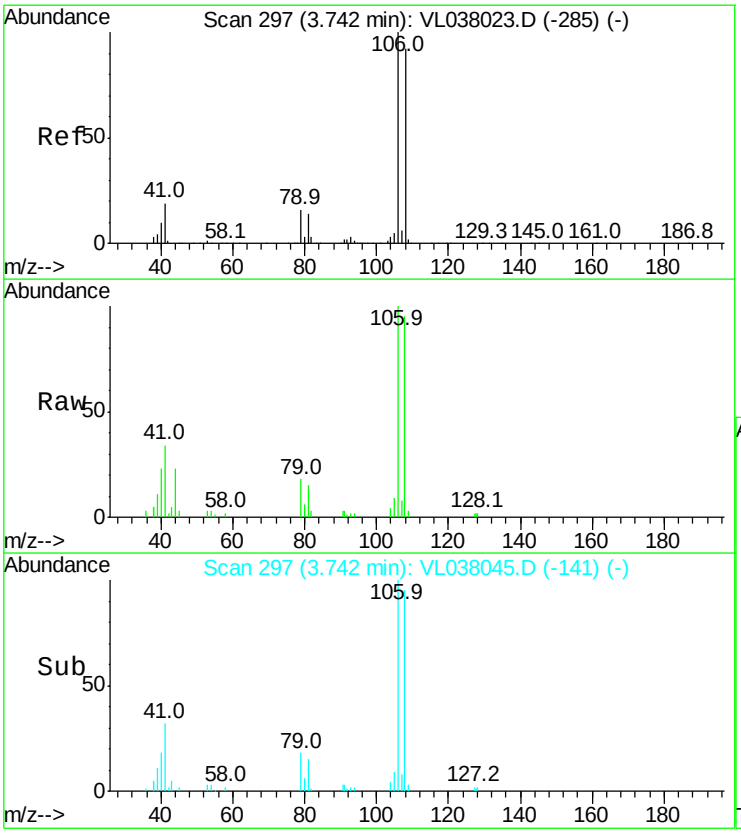
#13
Ethanol
Concen: 0.654 ppbv
RT: 3.63
Delta R.T
Lab File:
Acq: 18 Nov 2021 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 45 Resp: 5253

Ion	Ratio	Lower	Upper
45	100		
46	59.7	0.0	0.0#

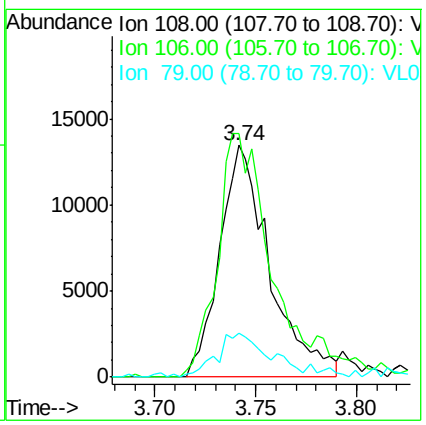


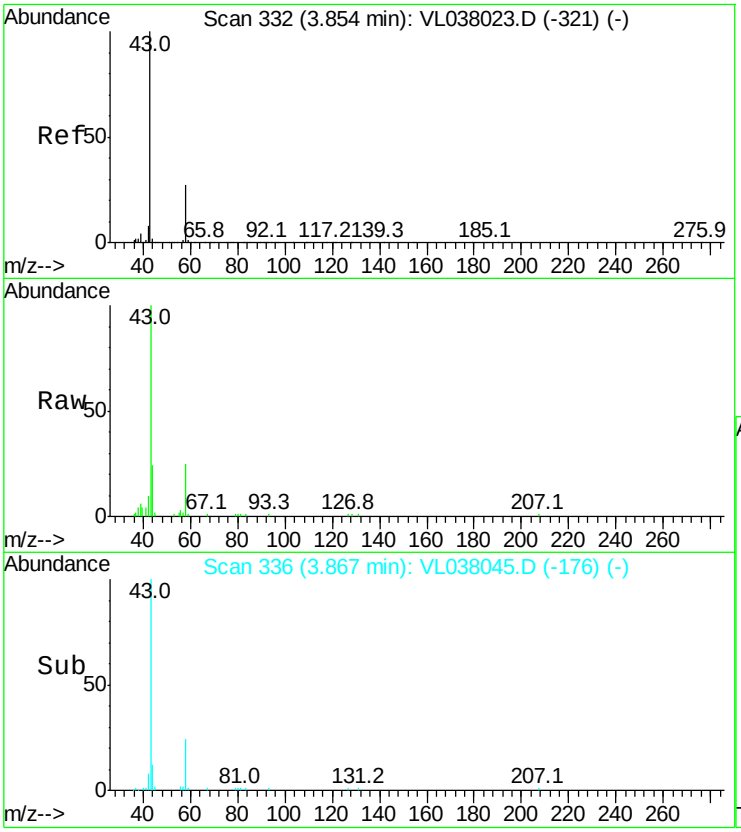


#14
Bromoethene
Concen: 0.386 ppbv
RT: 3.74 min Scan# 297
Delta R.T. -0.00 min
Lab File: VL038045.D
Acq: 18 Nov 2021 8:09

Tgt Ion:108 Resp: 23261

Ion	Ratio	Lower	Upper
108	100		
106	121.4	90.4	135.6
79	22.2	14.5	21.7#



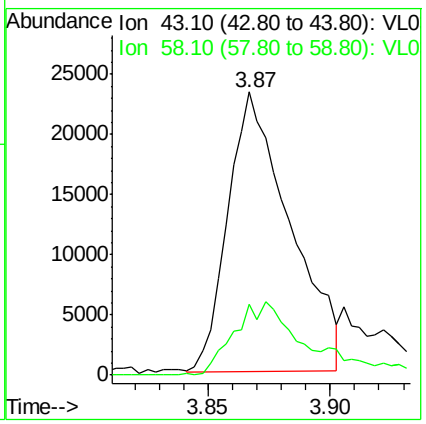


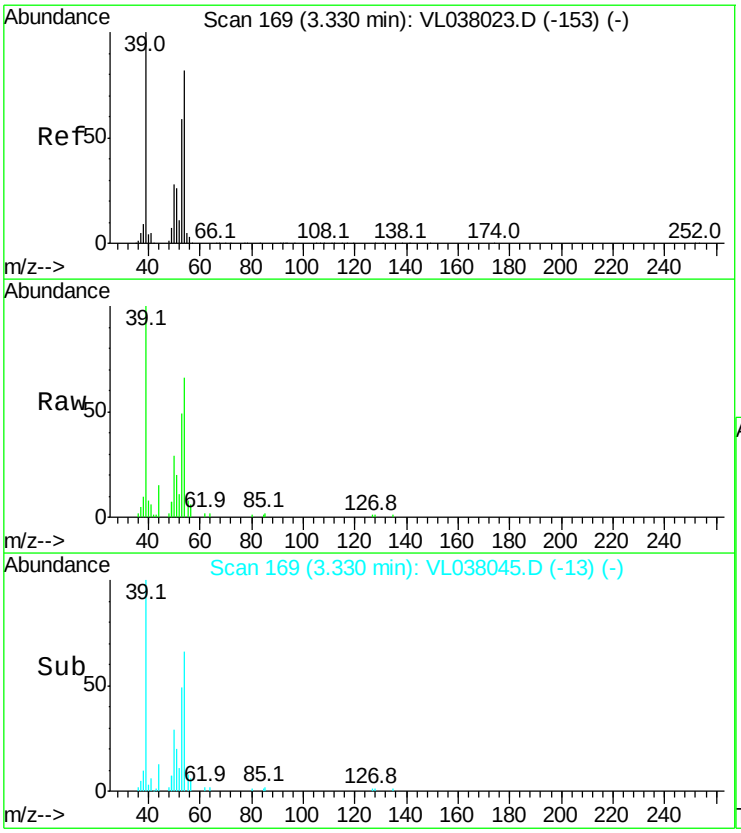
#15
Acetone
Concen: 0.380 ppbv
RT: 3.87
Delta R.T
Lab File:
Acq: 18 Nov 2021 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 41297

Ion	Ratio	Lower	Upper
43	100		
58	31.3	23.0	34.4

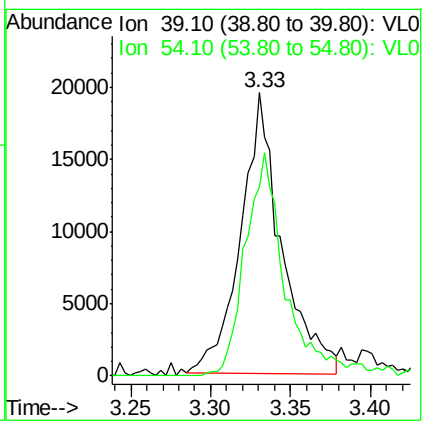


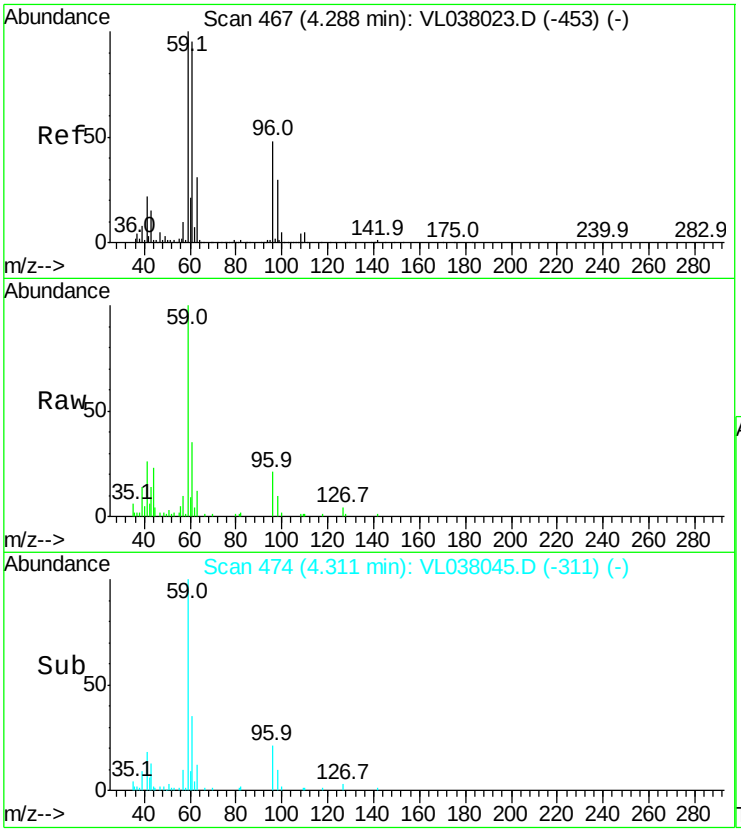


#16
1,3-Butadiene
Concen: 0.421 ppbv
RT: 3.33 min Scan# 169
Delta R.T. 0.00 min
Lab File: VL038045.D
Acq: 18 Nov 2021 8:09

Tgt Ion: 39 Resp: 33874

Ion	Ratio	Lower	Upper
39	100		
54	81.2	63.7	95.5



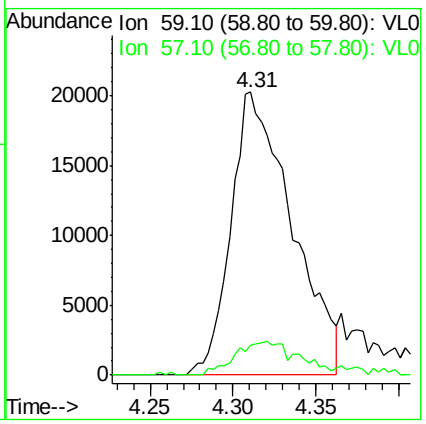


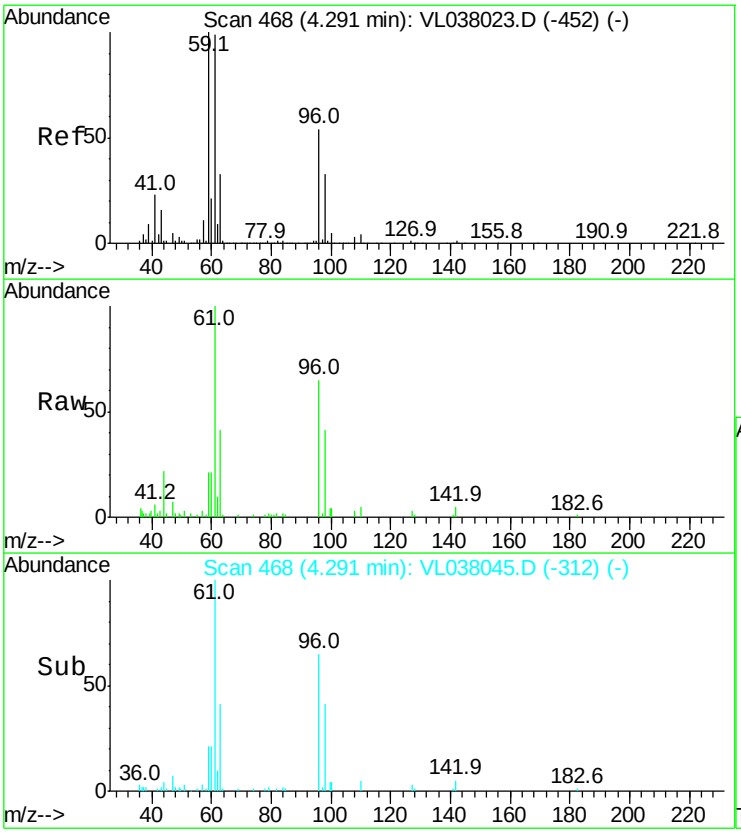
#17
tert-Butyl alcohol
Concen: 0.356 ppbv
RT: 4.31
Delta R.T
Lab File:
Acq: 18 Nov 2021 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 59 Resp: 51921

Ion	Ratio	Lower	Upper
59	100		
57	13.2	8.7	13.1#

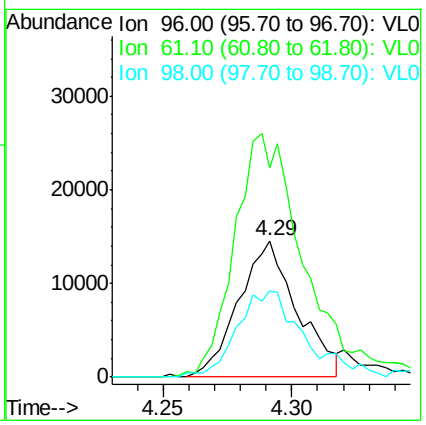


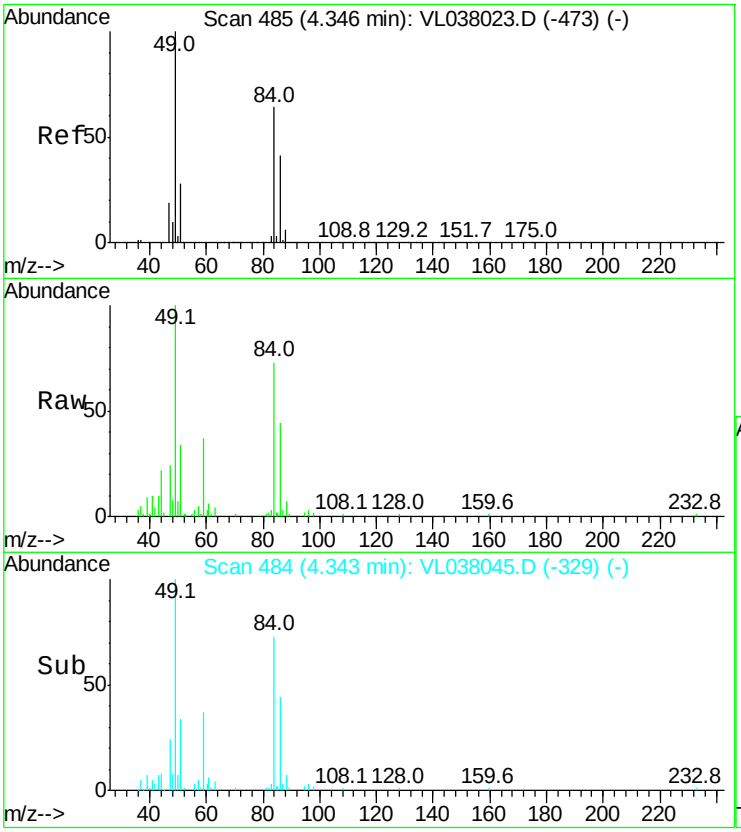


#18
1,1-Dichloroethene
Concen: 0.348 ppbv
RT: 4.29 min Scan# 468
Delta R.T. 0.00 min
Lab File: VL038045.D
Acq: 18 Nov 2021 8:09

Tgt Ion: 96 Resp: 23125

Ion	Ratio	Lower	Upper
96	100		
61	149.5	145.2	217.8
98	60.5	48.8	73.2



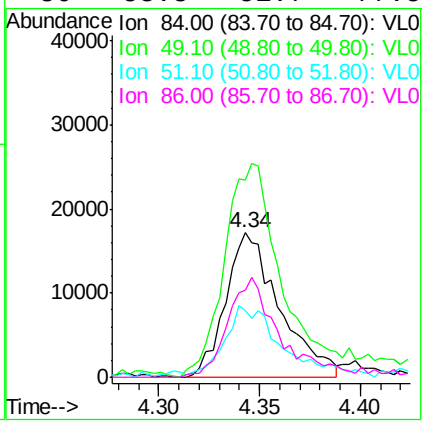


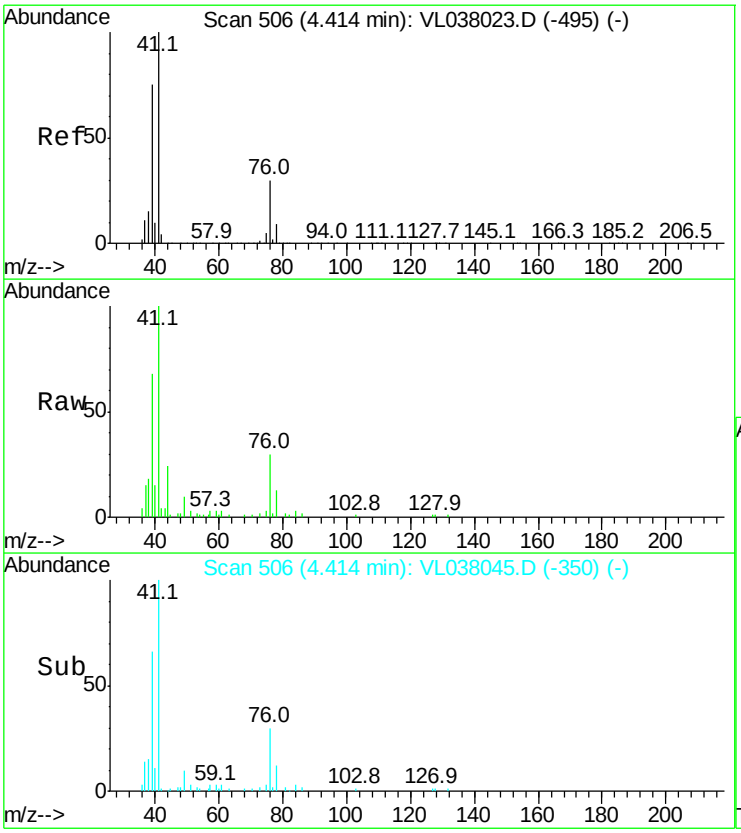
#20
Methylene Chloride
Concen: 0.504 ppbv
RT: 4.34
Delta R.T
Lab File:
Acq: 18 Nov 2021 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 84 Resp: 32122

Ion	Ratio	Lower	Upper
84	100		
49	131.5	125.1	187.7
51	44.5	35.3	52.9
86	58.8	51.7	77.5

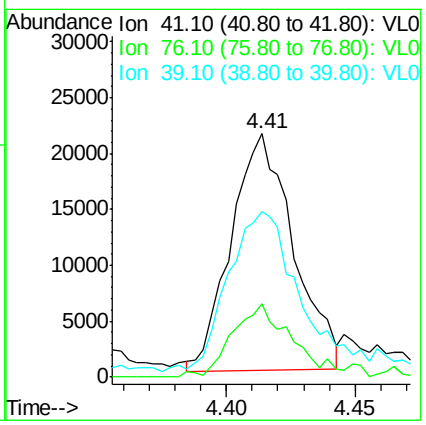


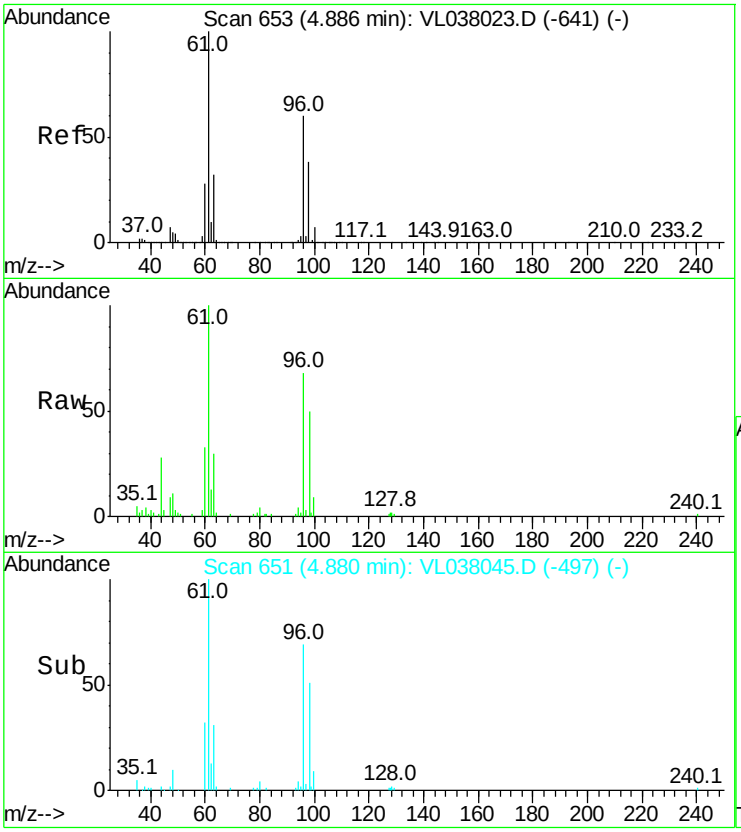


#21
Allyl Chloride
Concen: 0.329 ppbv
RT: 4.41 min Scan# 506
Delta R.T. -0.00 min
Lab File: VL038045.D
Acq: 18 Nov 2021 8:09

Tgt Ion: 41 Resp: 35825

Ion	Ratio	Lower	Upper
41	100		
76	32.6	24.6	37.0
39	89.7	60.6	90.8



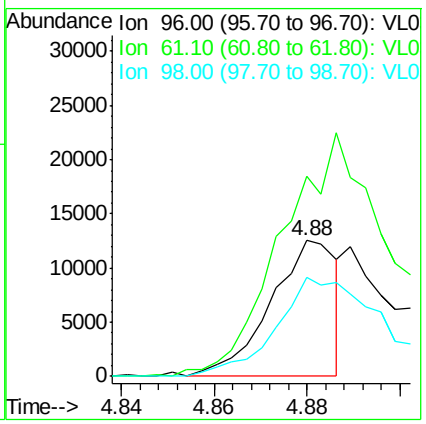


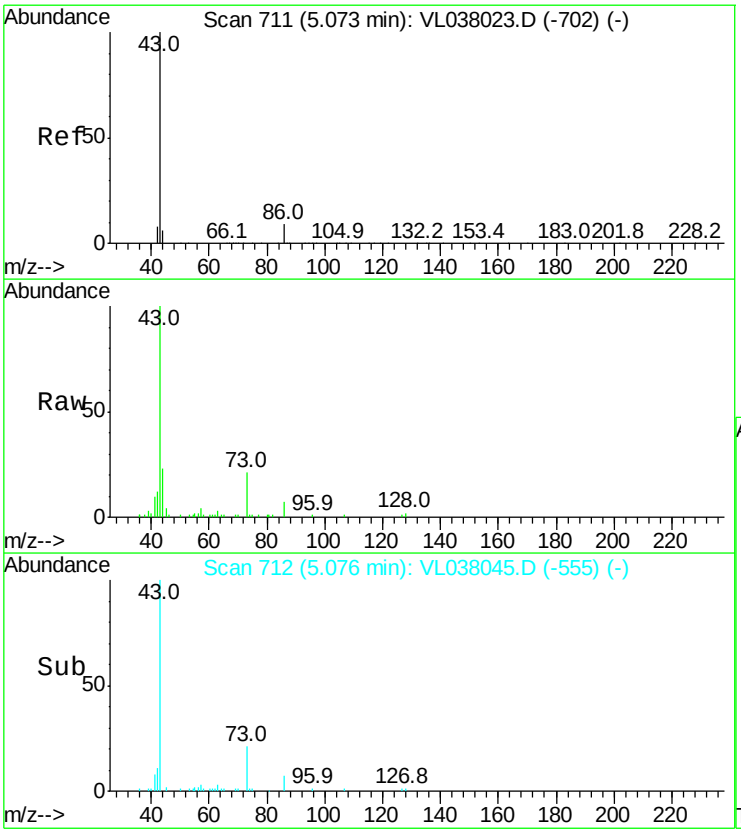
#22
trans-1,2-Dichloroethene
Concen: 0.186 ppbv
RT: 4.88
Delta R.T
Lab File:
Acq: 18 Nov 2021 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 96 Resp: 12440

Ion	Ratio	Lower	Upper
96	100		
61	142.8	134.2	201.4
98	73.5	51.3	76.9

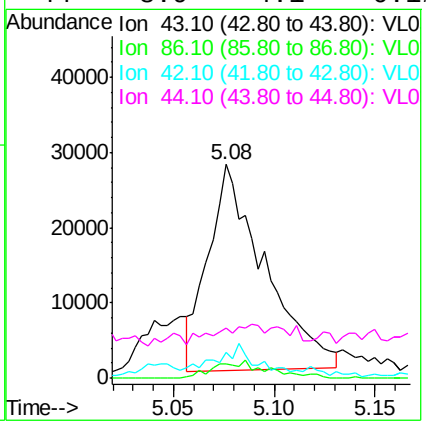


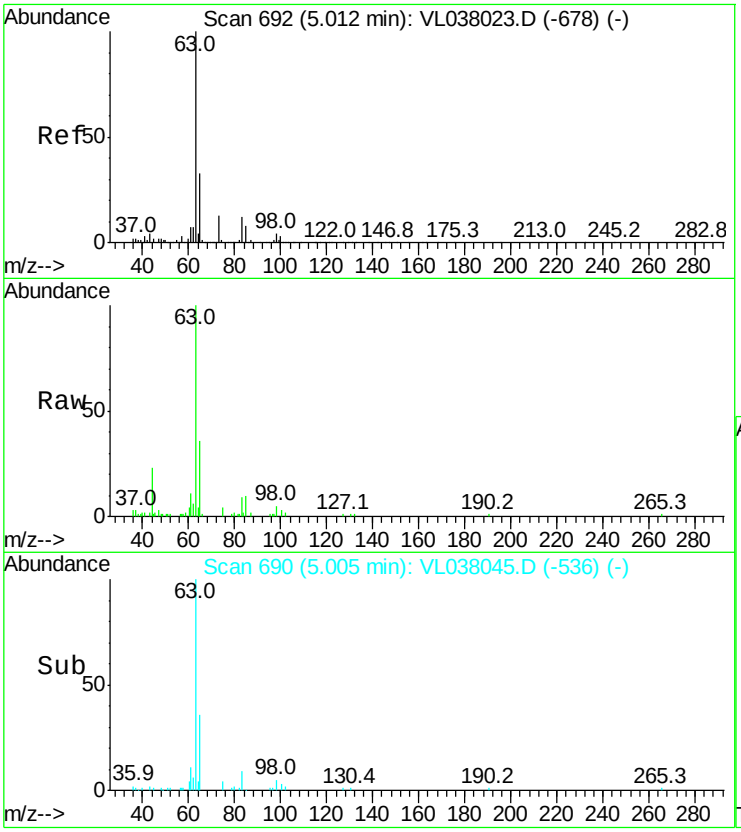


#23
Vinyl Acetate
Concen: 0.297 ppbv
RT: 5.08 min Scan# 712
Delta R.T. 0.00 min
Lab File: VL038045.D
Acq: 18 Nov 2021 8:09

Tgt Ion: 43 Resp: 53471

Ion	Ratio	Lower	Upper
43	100		
86	7.7	5.9	8.9
42	10.0	7.4	11.2
44	8.9	4.1	6.1#



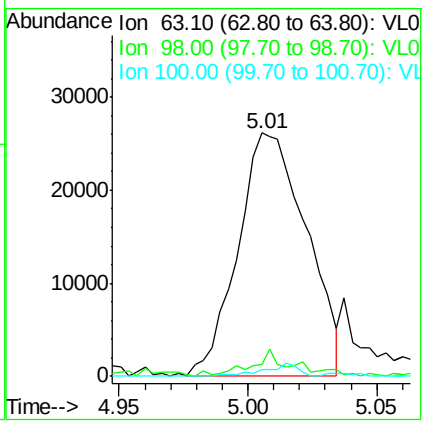


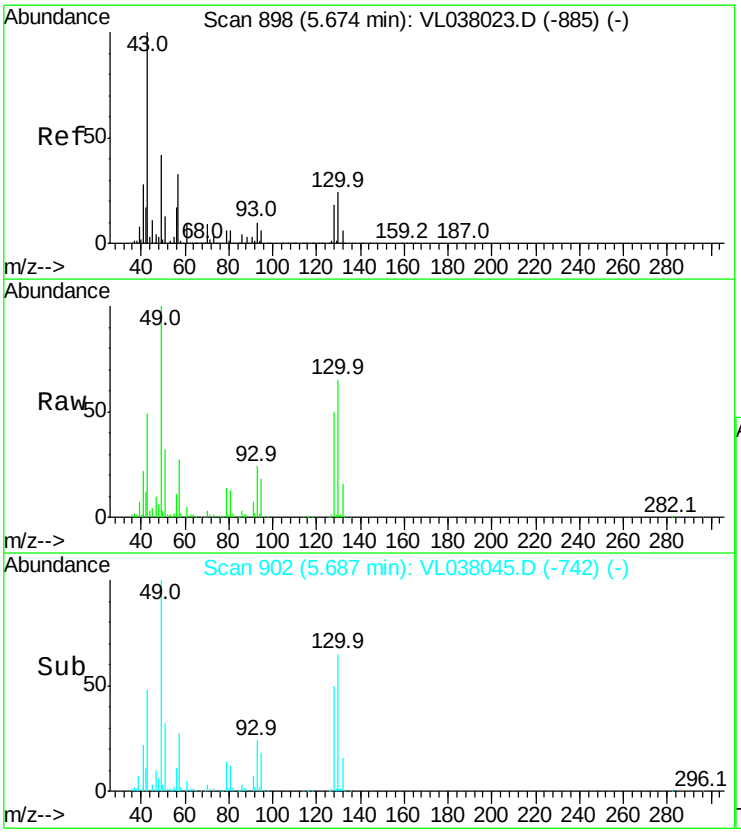
#24
1,1-Dichloroethane
Concen: 0.346 ppbv
RT: 5.01
Delta R.T
Lab File:
Acq: 18 Nov 2021 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 63 Resp: 48607

Ion	Ratio	Lower	Upper
63	100		
98	4.4	2.3	6.9
100	2.9	1.5	4.4

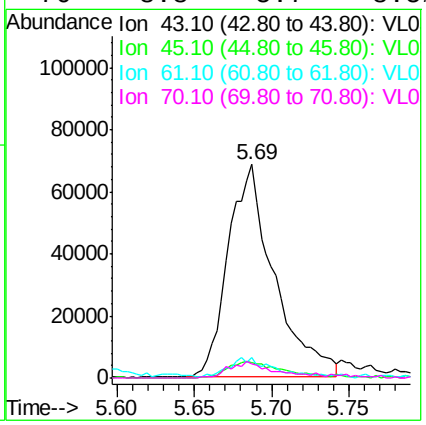


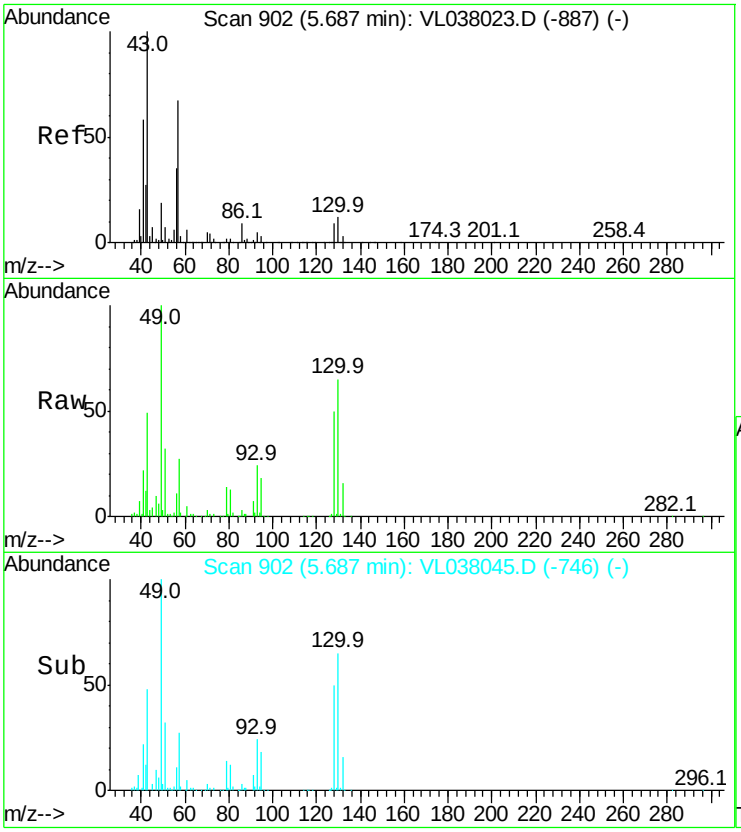


#25
Ethyl Acetate
Concen: 0.552 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.01 min
Lab File: VL038045.D
Acq: 18 Nov 2021 8:09

Tgt Ion: 43 Resp: 141175

Ion	Ratio	Lower	Upper
43	100		
45	9.7	8.0	12.0
61	9.2	8.3	12.5
70	8.8	5.7	8.5#



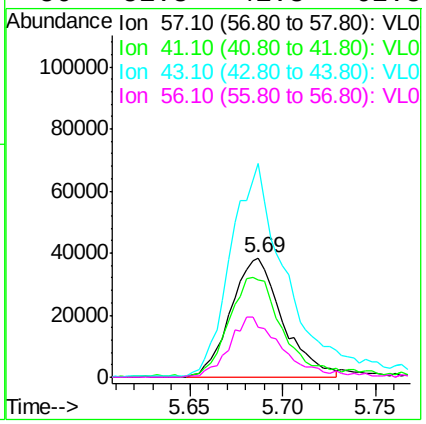


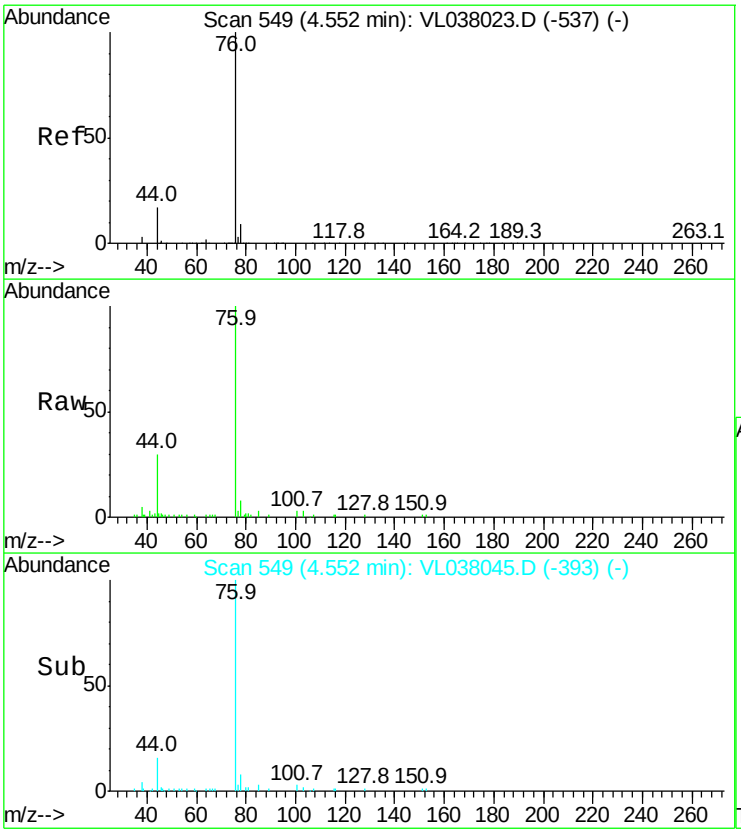
#26
Hexane
Concen: 0.583 ppbv
RT: 5.69
Delta R.T
Lab File:
Acq: 18 Nov 2021 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 57 Resp: 74926

Ion	Ratio	Lower	Upper
57	100		
41	91.9	70.8	106.2
43	208.0	169.4	254.0
56	51.3	41.8	62.8

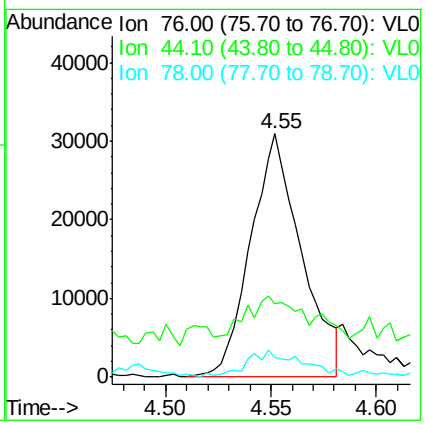


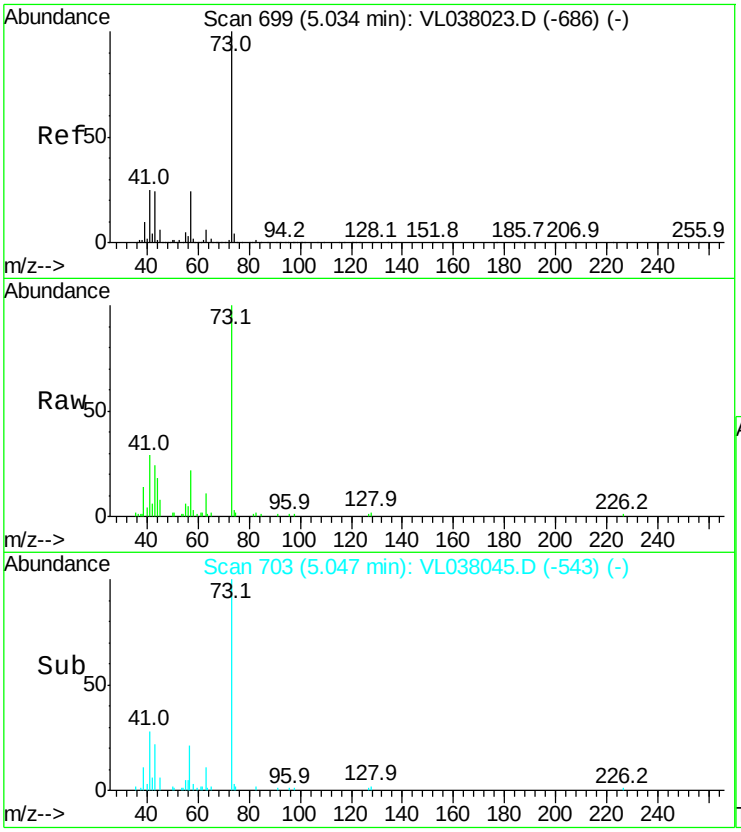


#27
Carbon Disulfide
Concen: 0.308 ppbv
RT: 4.55 min Scan# 549
Delta R.T. 0.00 min
Lab File: VL038045.D
Acq: 18 Nov 2021 8:09

Tgt Ion: 76 Resp: 51897

Ion	Ratio	Lower	Upper
76	100		
44	26.3	15.4	23.0#
78	12.3	7.5	11.3#



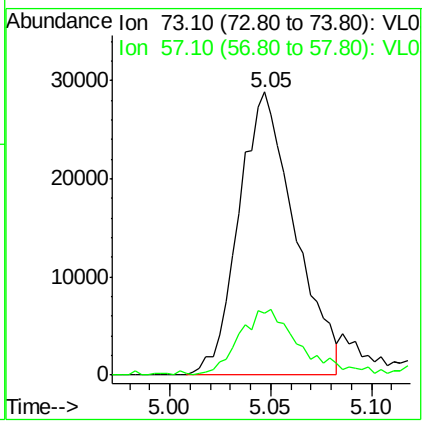


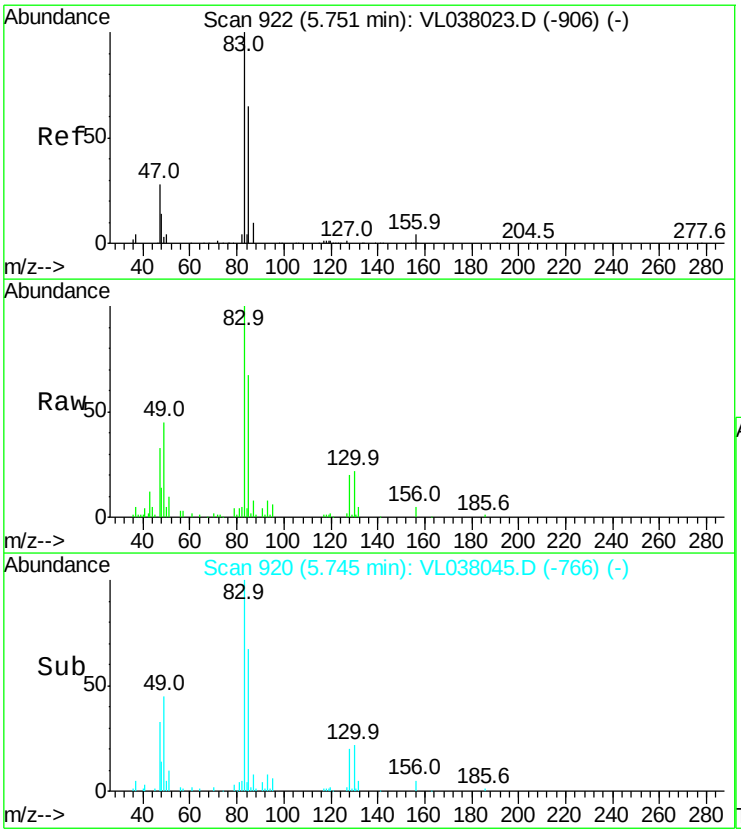
#28
Methyl tert-Butyl Ether
Concen: 0.340 ppbv
RT: 5.05
Delta R.T
Lab File:
Acq: 18 Nov 2021 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 73 Resp: 56054

Ion	Ratio	Lower	Upper
73	100		
57	25.3	19.1	28.7

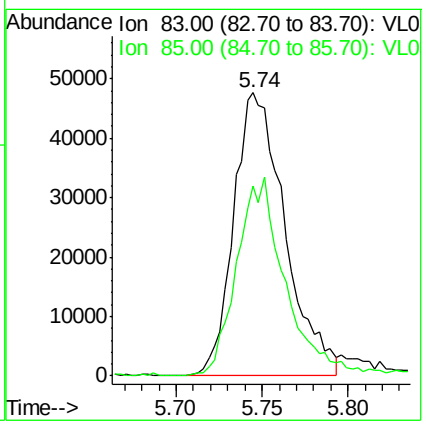


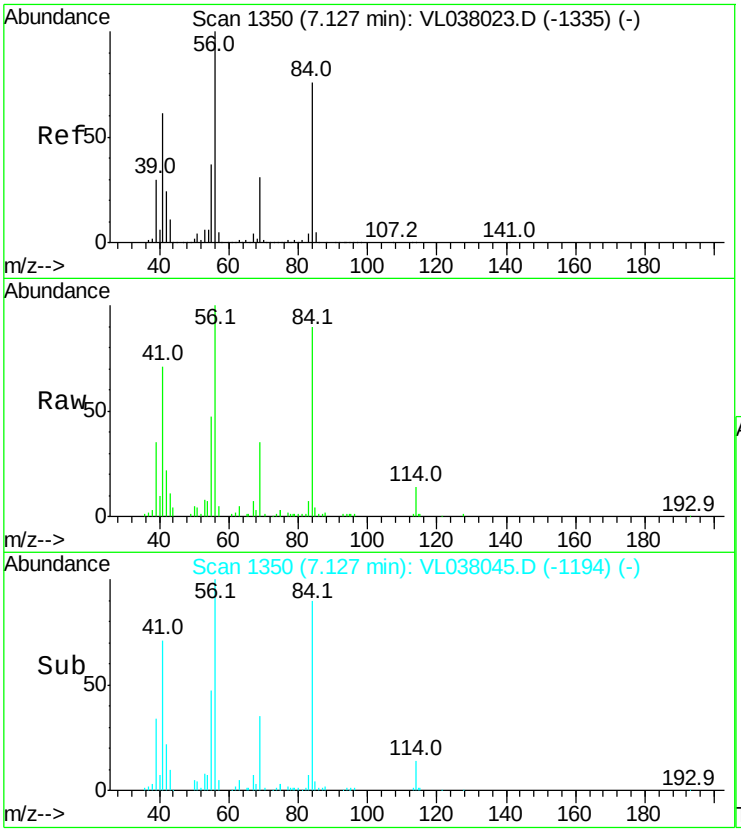


#29
Chloroform
Concen: 0.510 ppbv
RT: 5.74 min Scan# 920
Delta R.T. -0.01 min
Lab File: VL038045.D
Acq: 18 Nov 2021 8:09

Tgt Ion: 83 Resp: 98624

Ion	Ratio	Lower	Upper
83	100		
85	67.1	52.1	78.1



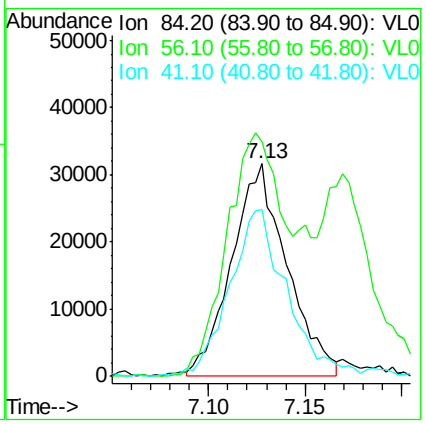


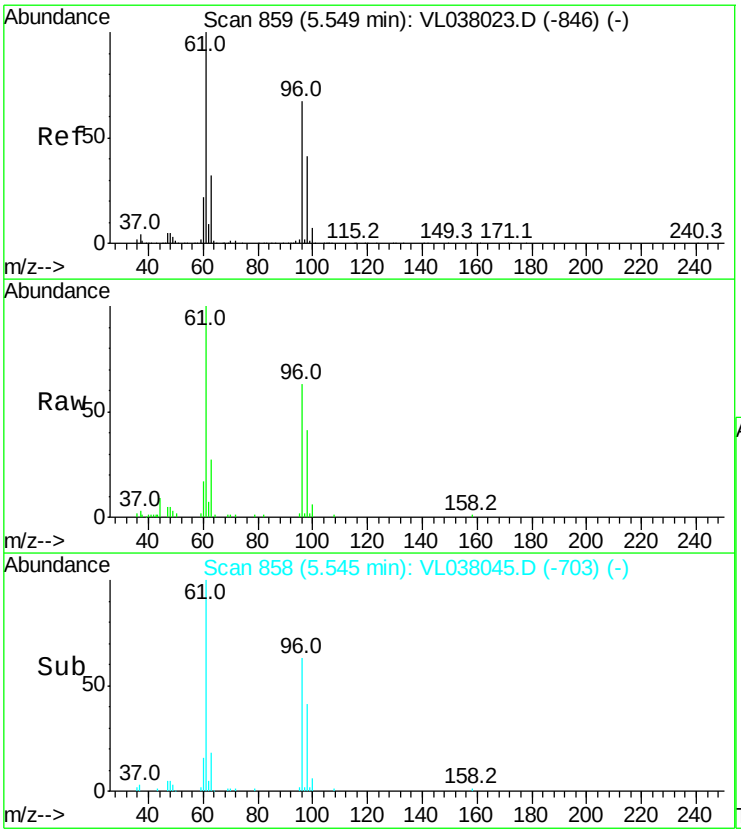
#30
Cyclohexane
Concen: 0.435 ppbv
RT: 7.13
Delta R.T
Lab File:
Acq: 18 Nov 2021 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 84 Resp: 62858

Ion	Ratio	Lower	Upper
84	100		
56	128.4	109.5	164.3
41	83.3	65.1	97.7

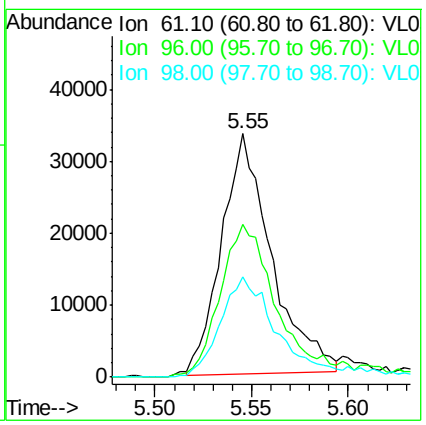


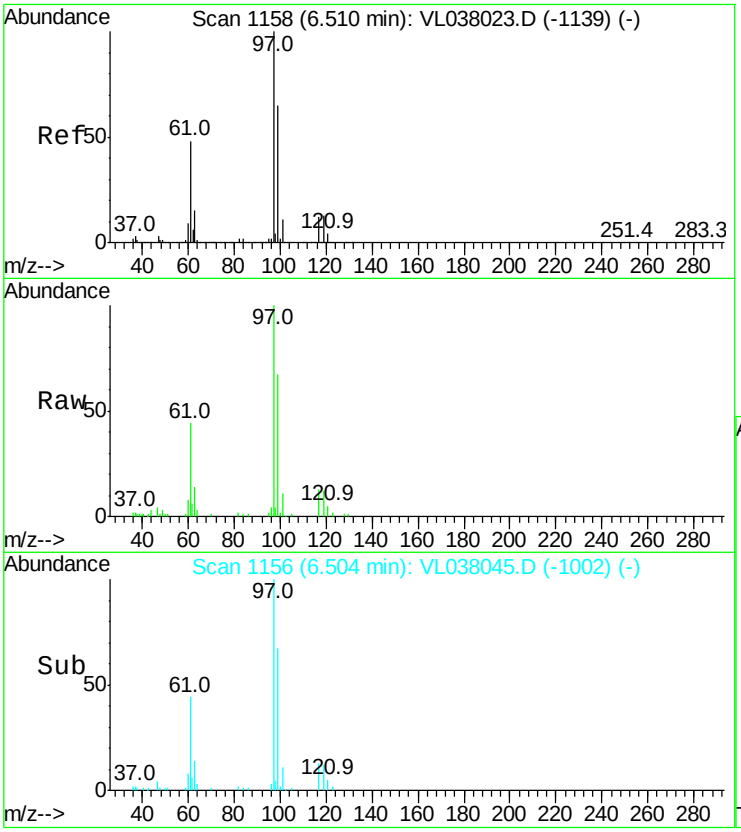


#31
cis-1,2-Dichloroethene
Concen: 0.567 ppbv
RT: 5.55 min Scan# 858
Delta R.T. -0.00 min
Lab File: VL038045.D
Acq: 18 Nov 2021 8:09

Tgt Ion: 61 Resp: 60254

Ion	Ratio	Lower	Upper
61	100		
96	62.9	53.9	80.9
98	41.8	32.8	49.2



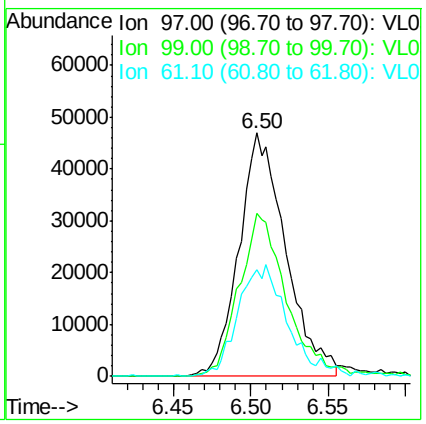


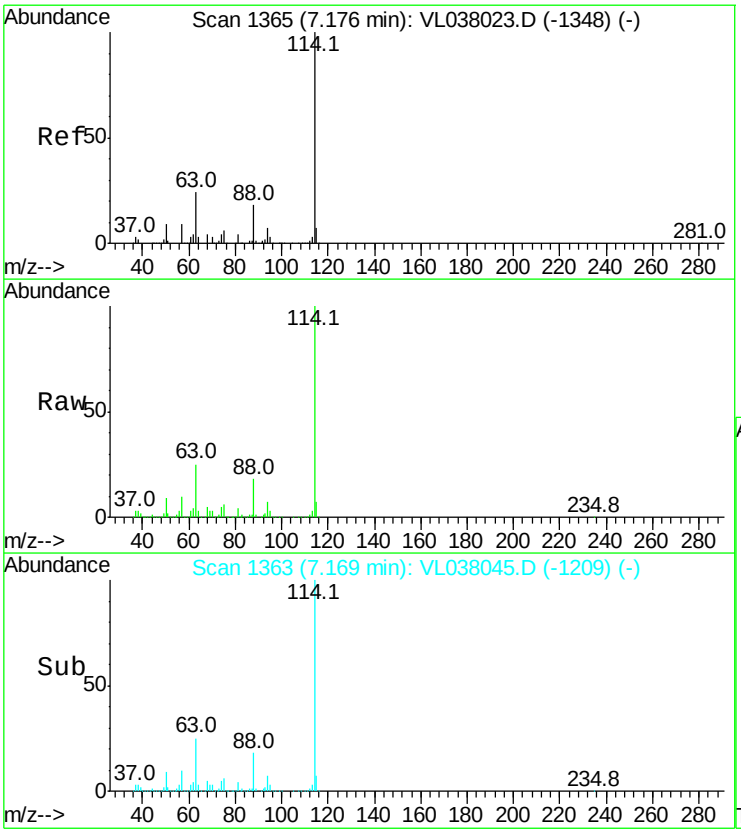
#32
1,1,1-Trichloroethane
Concen: 0.403 ppbv
RT: 6.50
Delta R.T
Lab File:
Acq: 18 Nov 2021 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 97 Resp: 98808

Ion	Ratio	Lower	Upper
97	100		
99	68.4	51.9	77.9
61	49.2	37.7	56.5

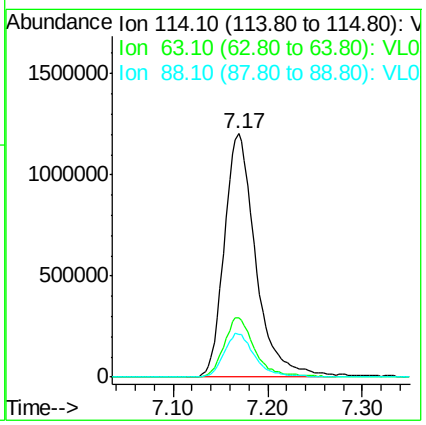


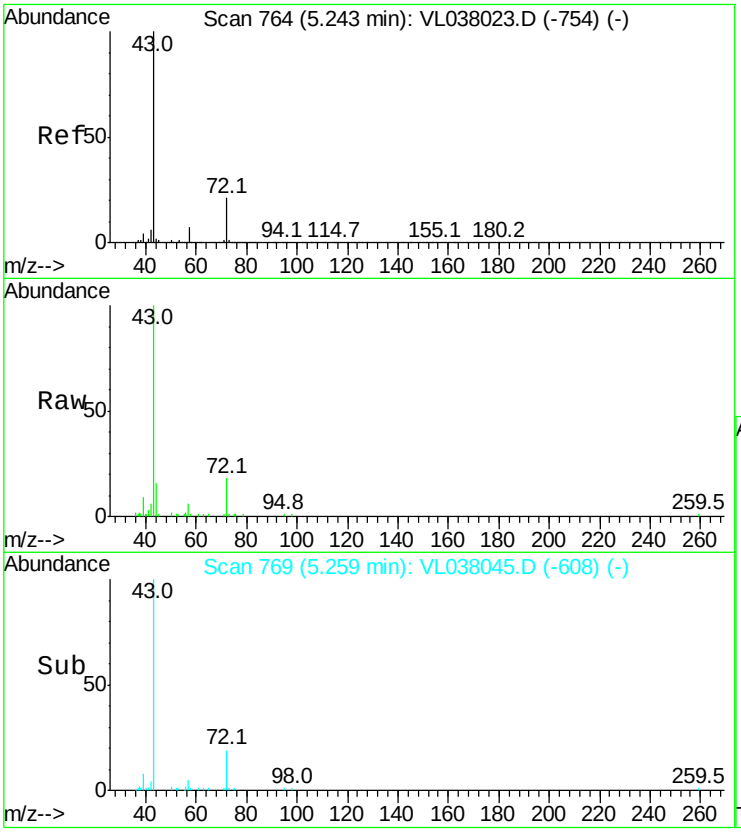


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VL038045.D
Acq: 18 Nov 2021 8:09

Tgt Ion:114 Resp: 2777650

Ion	Ratio	Lower	Upper
114	100		
63	24.2	19.8	29.6
88	17.8	14.6	21.8



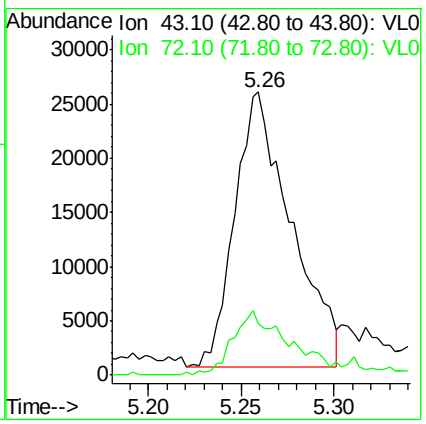


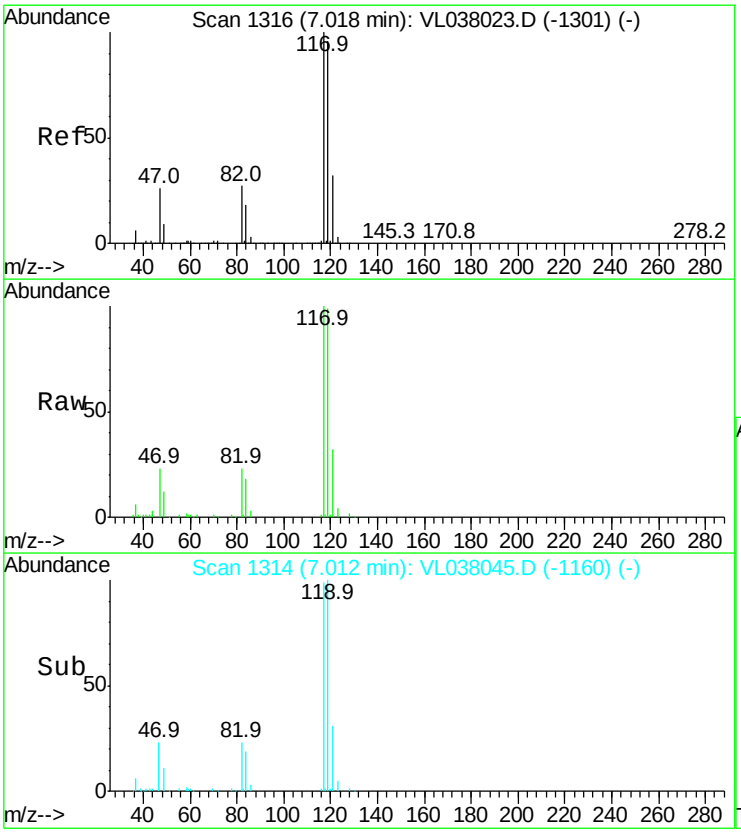
#34
2-Butanone
Concen: 0.583 ppbv
RT: 5.26
Delta R.T
Lab File:
Acq: 18 Nov 2021 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 53405

Ion	Ratio	Lower	Upper
43	100		
72	26.3	18.2	27.2

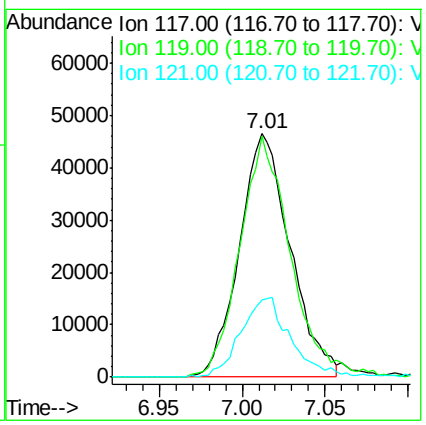


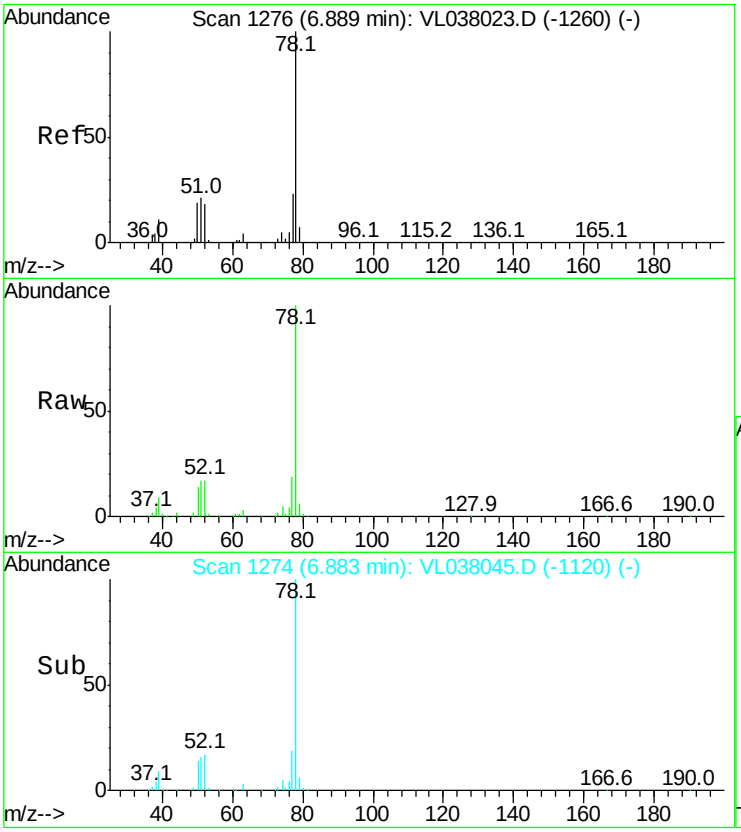


#35
Carbon Tetrachloride
Concen: 0.516 ppbv
RT: 7.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: VL038045.D
Acq: 18 Nov 2021 8:09

Tgt Ion:117 Resp: 98974

Ion	Ratio	Lower	Upper
117	100		
119	99.1	76.5	114.7
121	31.8	25.3	37.9



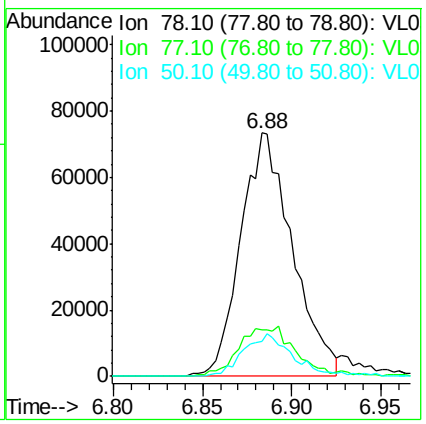


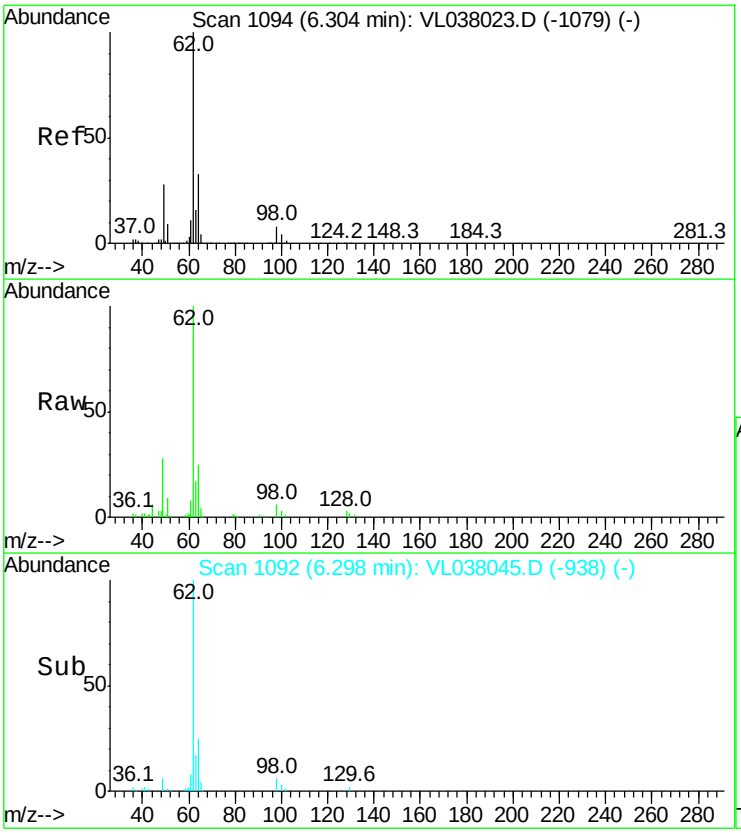
#36
Benzene
Concen: 0.562 ppbv
RT: 6.88
Delta R.T
Lab File:
Acq: 18 Nov 2021 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 78 Resp: 148429

Ion	Ratio	Lower	Upper
78	100		
77	19.0	18.8	28.2
50	14.2	14.9	22.3#

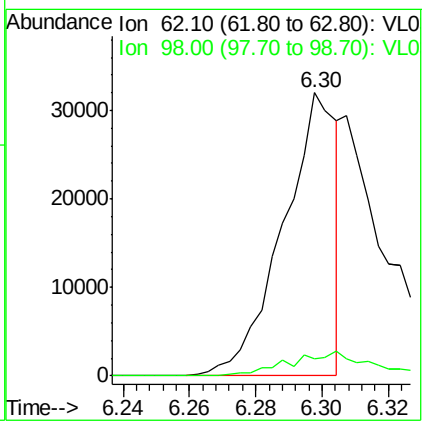


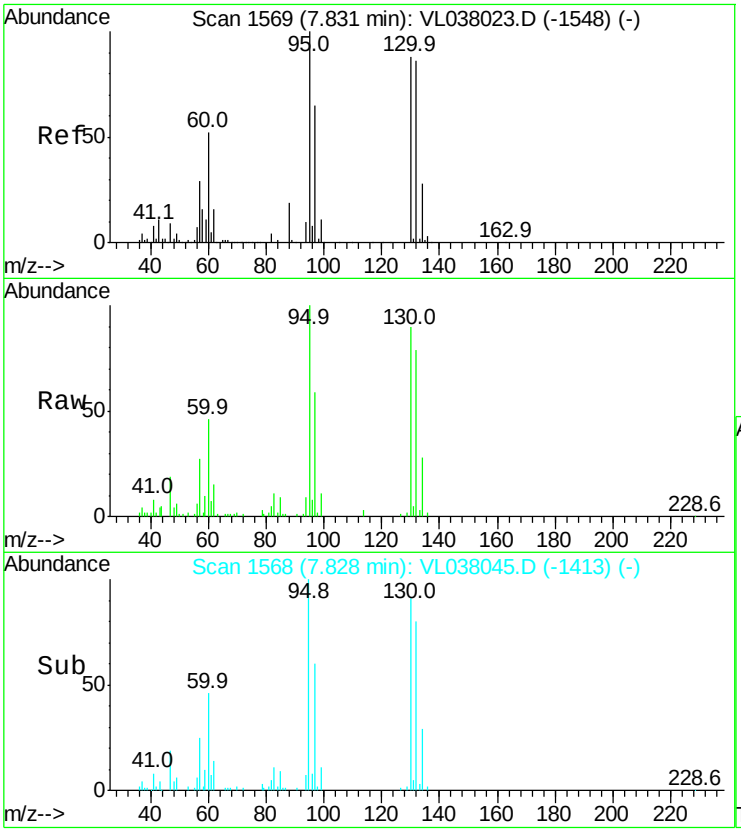


#37
1,2-Dichloroethane
Concen: 0.292 ppbv
RT: 6.30 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VL038045.D
Acq: 18 Nov 2021 8:09

Tgt Ion: 62 Resp: 35838

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.0	9.0#



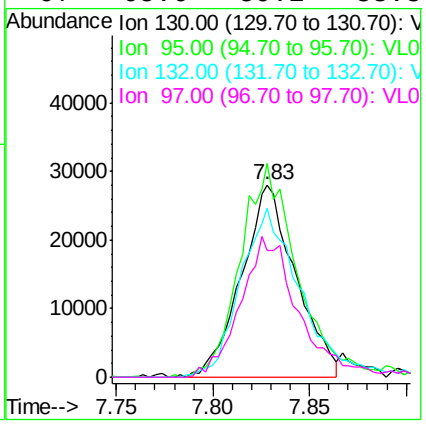


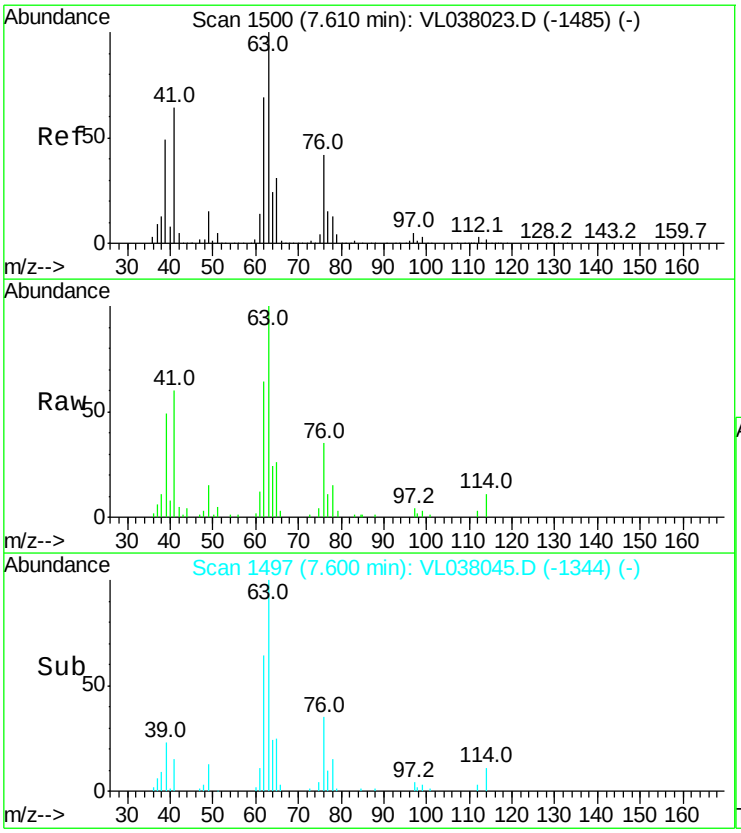
#38
Trichloroethene
Concen: 0.510 ppbv
RT: 7.83
Delta R.T
Lab File:
Acq: 18 Nov 2021 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:130 Resp: 54718

Ion	Ratio	Lower	Upper
130	100		
95	111.0	90.5	135.7
132	86.4	77.4	116.0
97	65.6	59.2	88.8

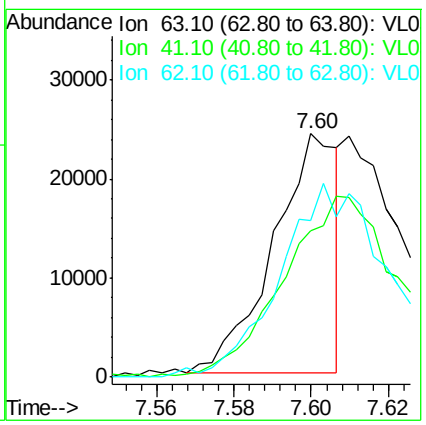


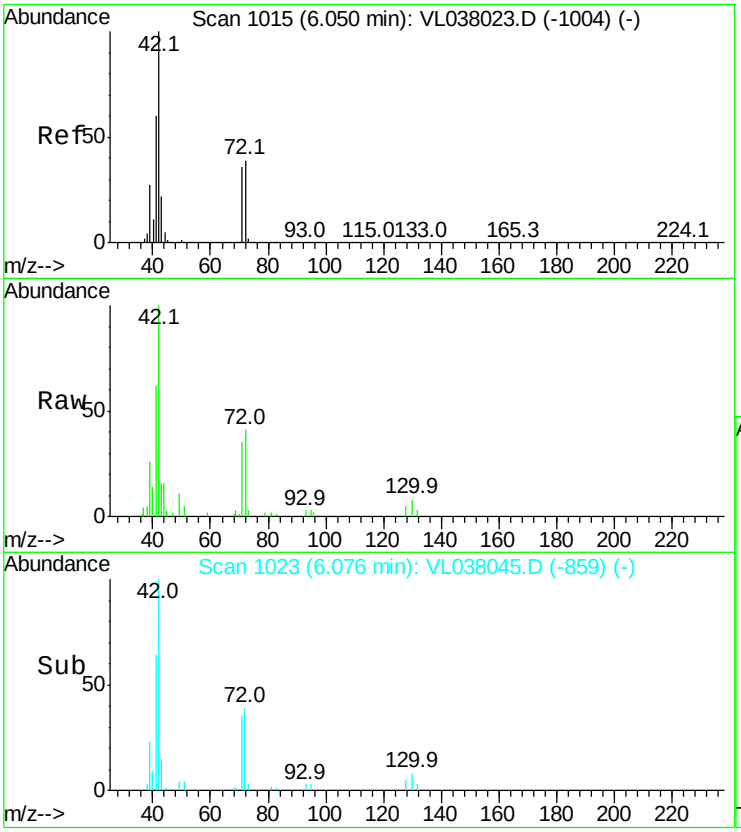


#39
1,2-Dichloropropane
Concen: 0.271 ppbv
RT: 7.60 min Scan# 1497
Delta R.T. -0.01 min
Lab File: VL038045.D
Acq: 18 Nov 2021 8:09

Tgt Ion: 63 Resp: 27632

Ion	Ratio	Lower	Upper
63	100		
41	60.1	51.1	76.7
62	61.2	55.2	82.8



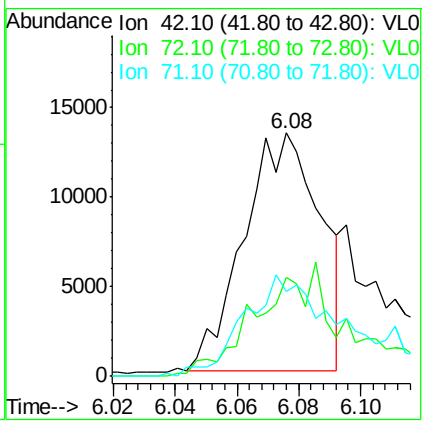


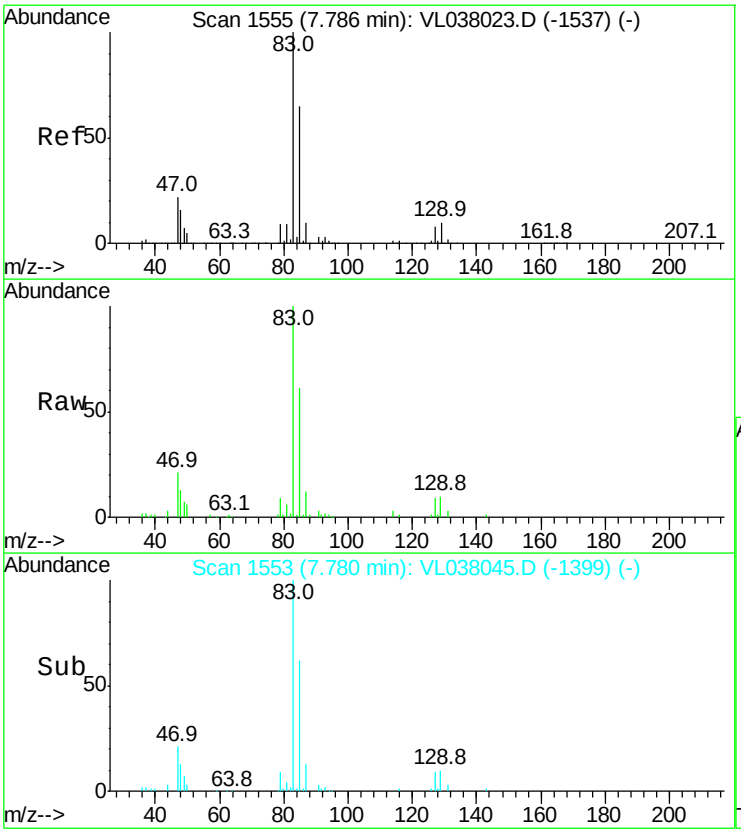
#41
Tetrahydrofuran
Concen: 0.349 ppbv
RT: 6.08
Delta R.T
Lab File:
Acq: 18 Nov 2021 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 42 Resp: 22923

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.3	46.9#
71	65.9	29.7	44.5#

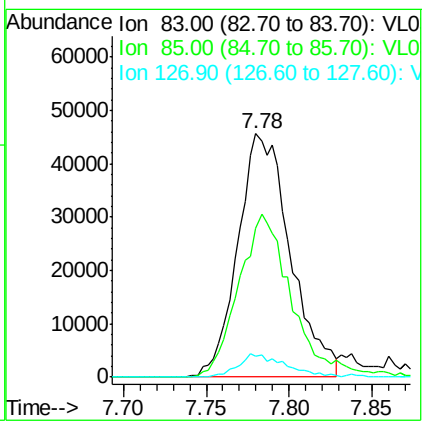


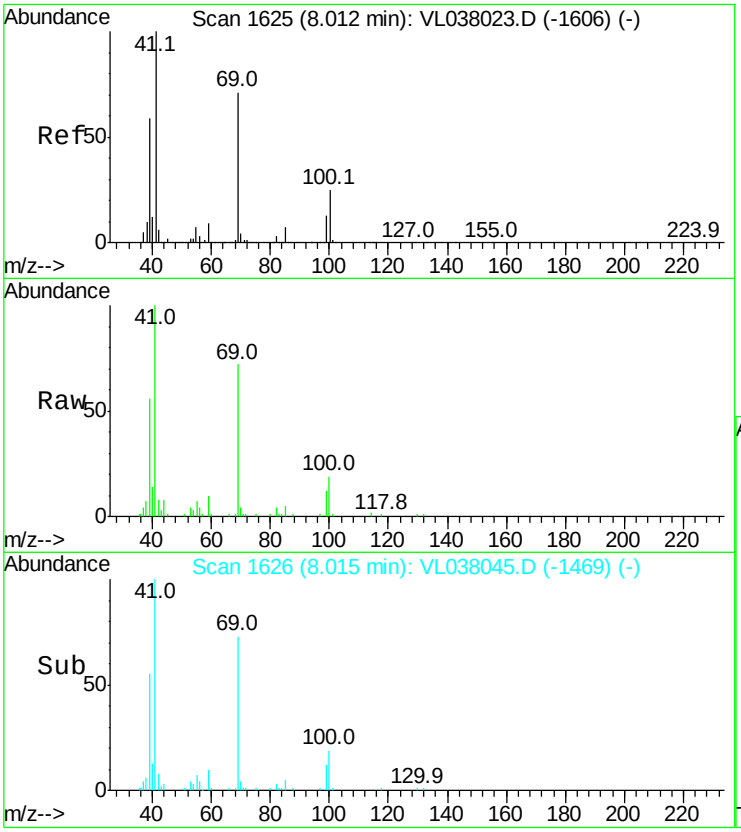


#42
Bromodichloromethane
Concen: 0.522 ppbv
RT: 7.78 min Scan# 1553
Delta R.T. -0.01 min
Lab File: VL038045.D
Acq: 18 Nov 2021 8:09

Tgt Ion: 83 Resp: 100765

Ion	Ratio	Lower	Upper
83	100		
85	61.2	51.6	77.4
127	8.6	6.6	10.0



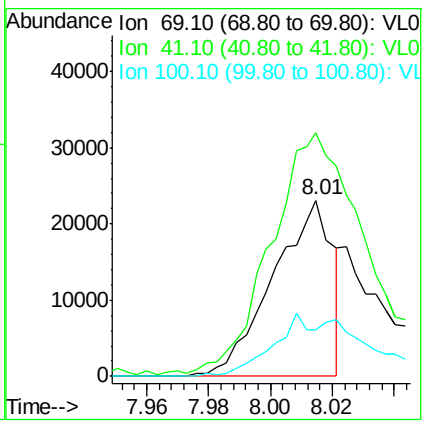


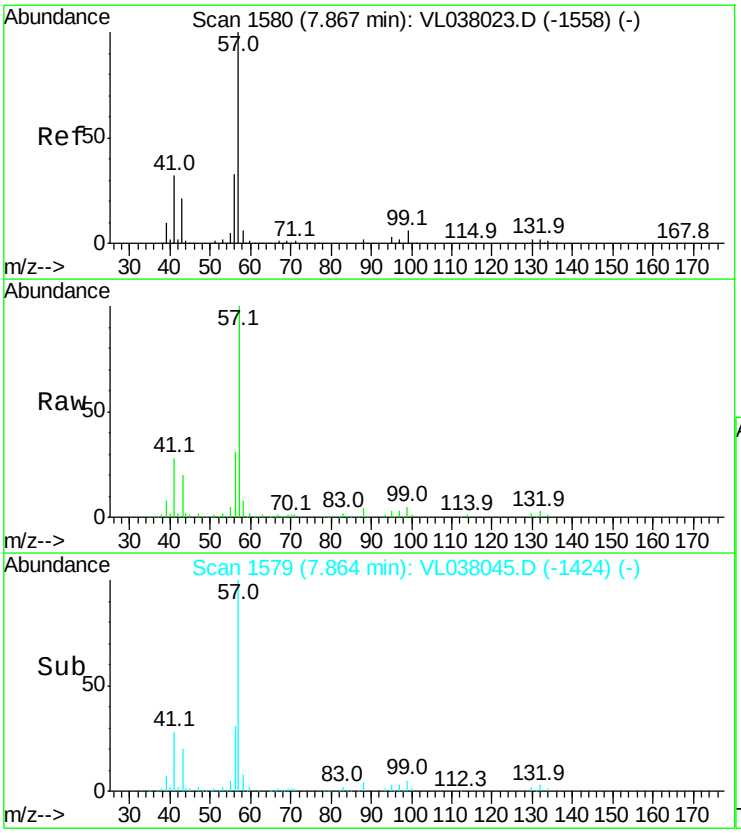
#43
Methyl Methacrylate
Concen: 0.327 ppbv
RT: 8.01
Delta R.T
Lab File:
Acq: 18 Nov 2021 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 69 Resp: 30865

Ion	Ratio	Lower	Upper
69	100		
41	235.8	116.6	174.8#
100	55.8	27.0	40.6#

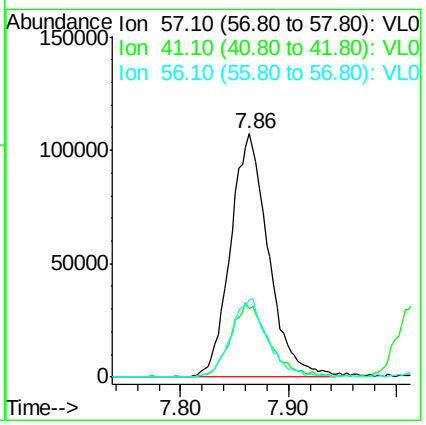


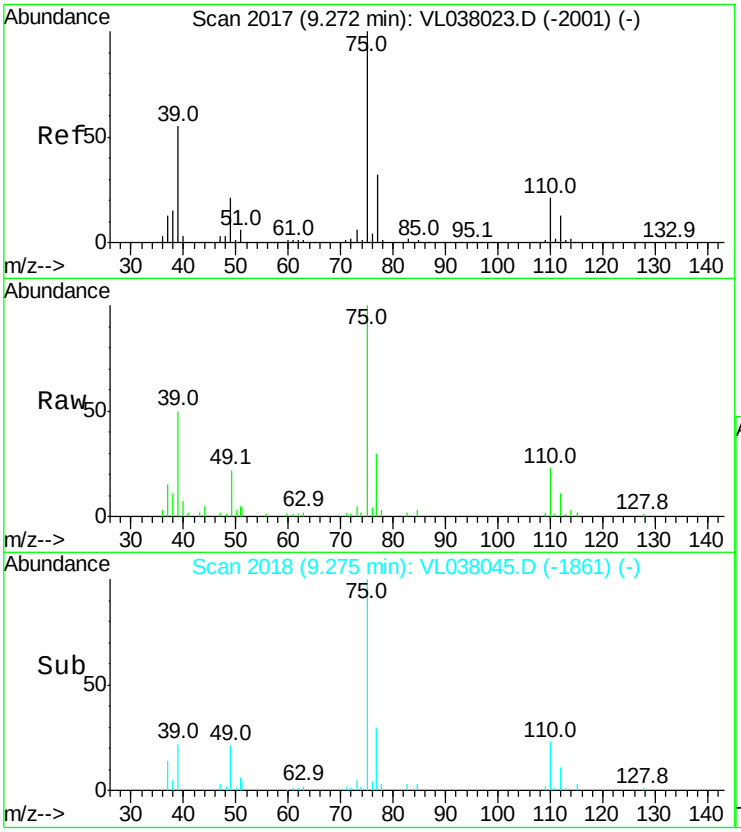


#44
2,2,4-Trimethylpentane
Concen: 0.575 ppbv
RT: 7.86 min Scan# 1579
Delta R.T. -0.00 min
Lab File: VL038045.D
Acq: 18 Nov 2021 8:09

Tgt Ion: 57 Resp: 260935

Ion	Ratio	Lower	Upper
57	100		
41	31.3	26.2	39.2
56	31.4	25.5	38.3



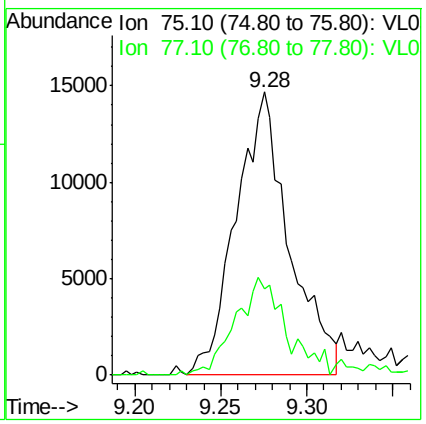


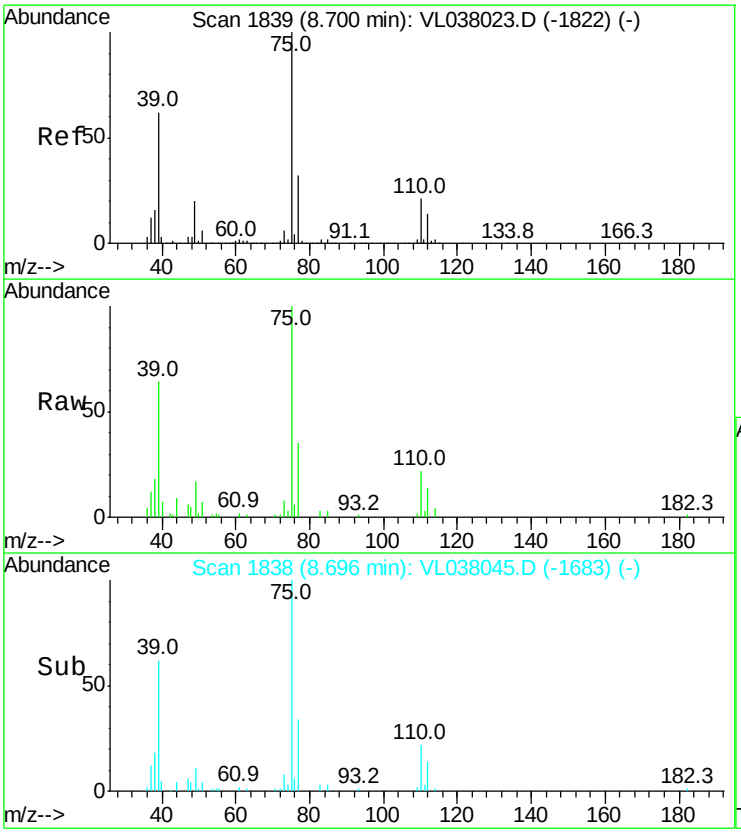
#45
t-1,3-Dichloropropene
Concen: 0.404 ppbv
RT: 9.28
Delta R.T
Lab File:
Acq: 18 Nov 2021 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 75 Resp: 31572

Ion	Ratio	Lower	Upper
75	100		
77	33.6	25.6	38.4

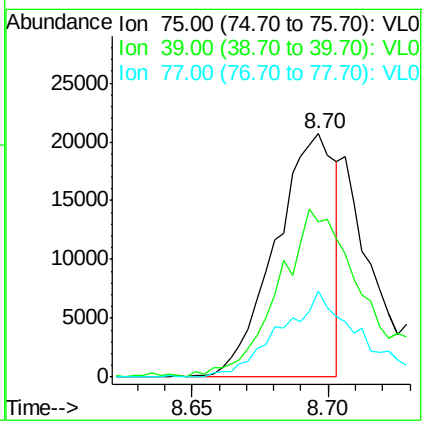


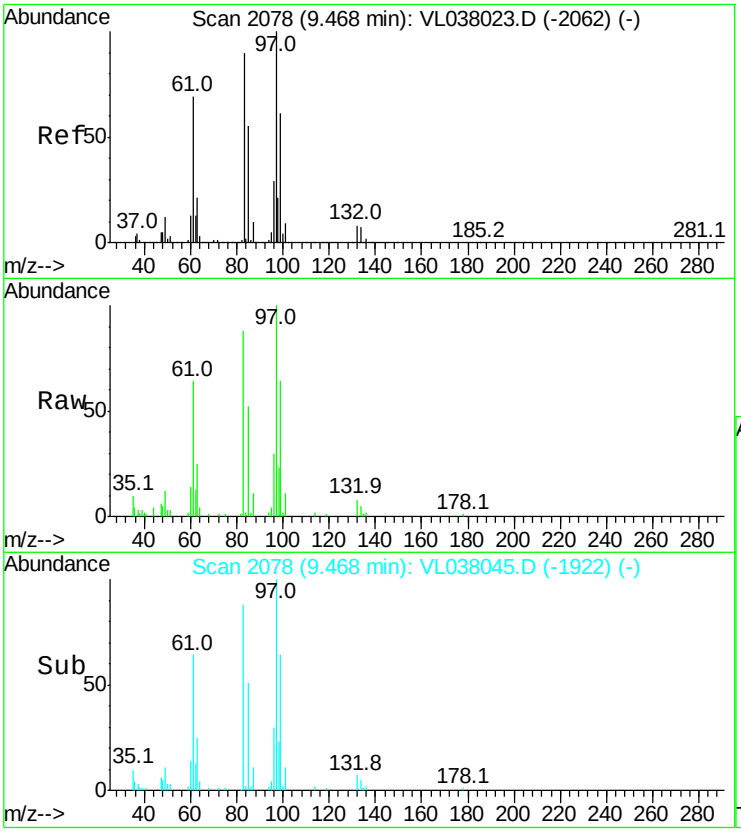


#46
cis-1,3-Dichloropropene
Concen: 0.308 ppbv
RT: 8.70 min Scan# 1838
Delta R.T. -0.00 min
Lab File: VL038045.D
Acq: 18 Nov 2021 8:09

Tgt Ion: 75 Resp: 31404

Ion	Ratio	Lower	Upper
75	100		
39	63.8	49.2	73.8
77	35.5	25.3	37.9



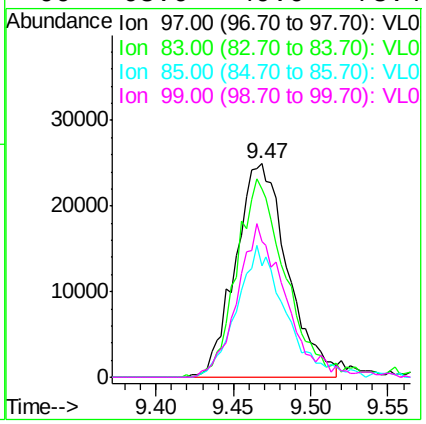


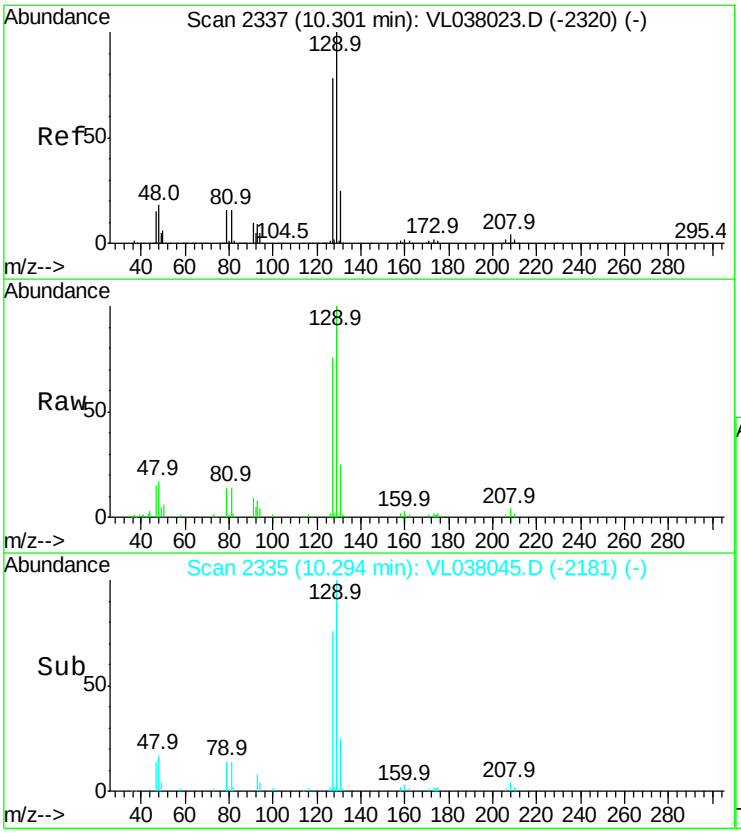
#47
1,1,2-Trichloroethane
Concen: 0.562 ppbv
RT: 9.47
Delta R.T
Lab File:
Acq: 18 Nov 2021 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 97 Resp: 58288

Ion	Ratio	Lower	Upper
97	100		
83	86.9	72.2	108.4
85	52.1	43.8	65.8
99	63.6	49.0	73.4

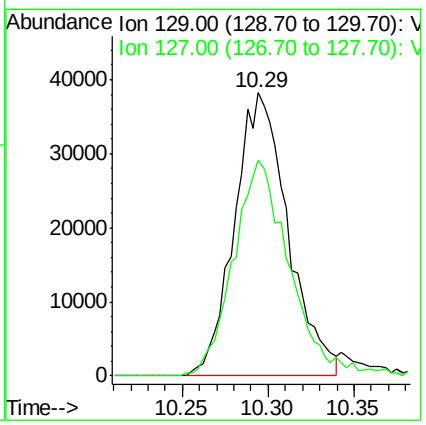


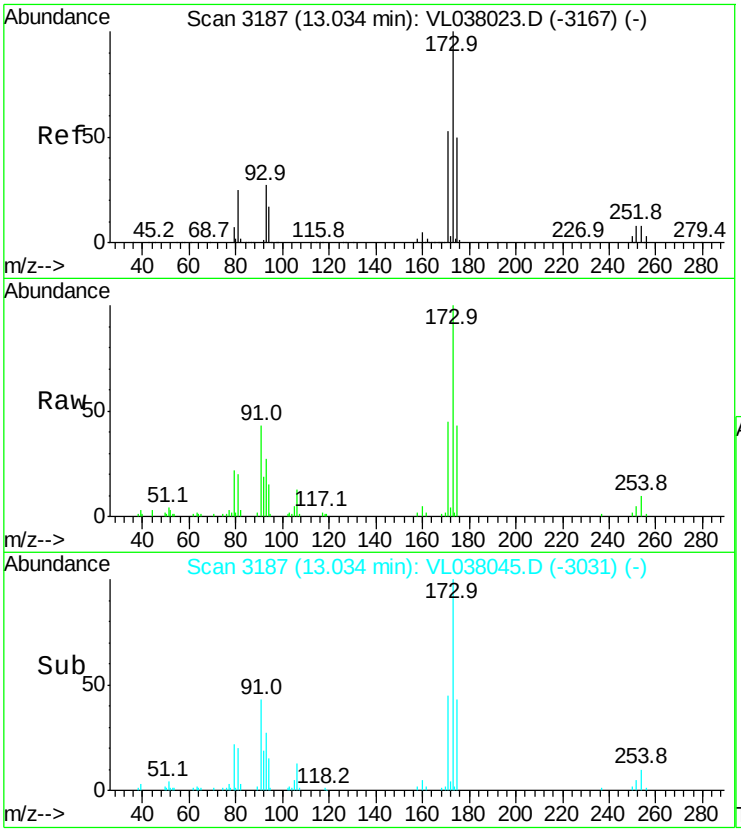


#48
Dibromochloromethane
Concen: 0.489 ppbv
RT: 10.29 min Scan# 2335
Delta R.T. -0.01 min
Lab File: VL038045.D
Acq: 18 Nov 2021 8:09

Tgt Ion:129 Resp: 82541

Ion	Ratio	Lower	Upper
129	100		
127	80.6	40.1	120.3



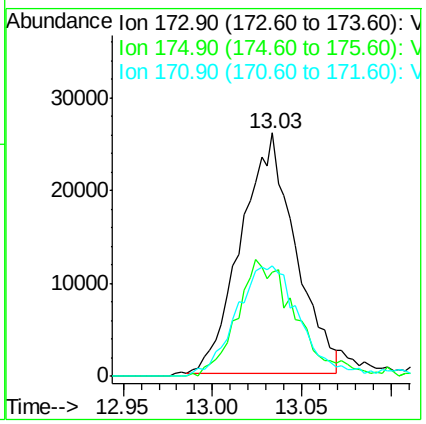


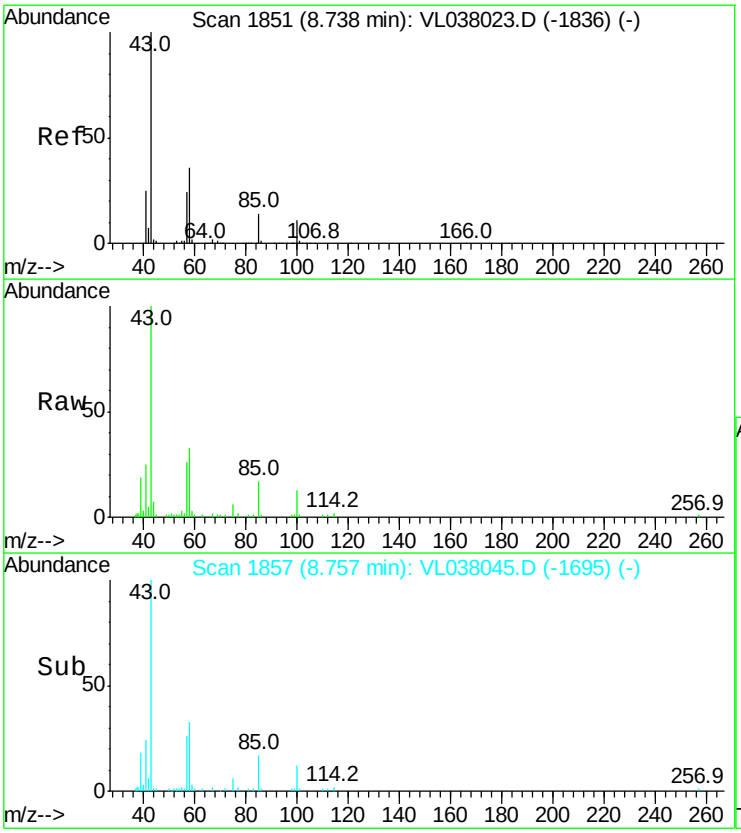
#49
Bromoform
Concen: 0.425 ppbv
RT: 13.03
Delta R.T
Lab File:
Acq: 18 Nov 2021 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:173 Resp: 55260

Ion	Ratio	Lower	Upper
173	100		
175	53.7	41.6	62.4
171	56.0	44.4	66.6

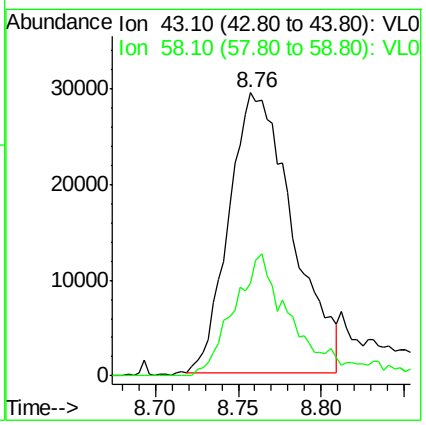


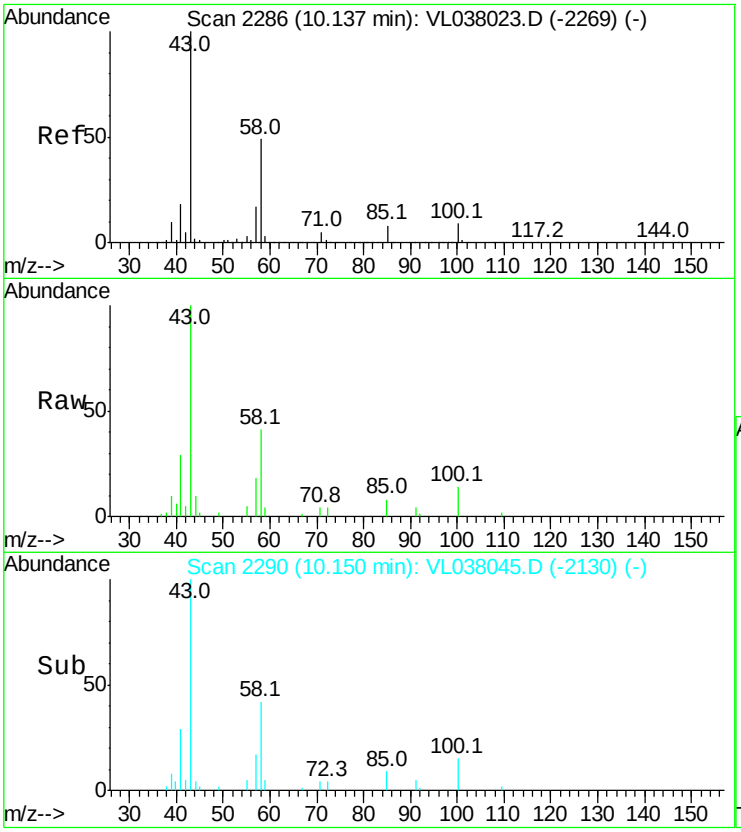


#50
4-Methyl-2-Pentanone
Concen: 0.475 ppbv
RT: 8.76 min Scan# 1857
Delta R.T. 0.02 min
Lab File: VL038045.D
Acq: 18 Nov 2021 8:09

Tgt Ion: 43 Resp: 78414

Ion	Ratio	Lower	Upper
43	100		
58	40.0	29.8	44.6



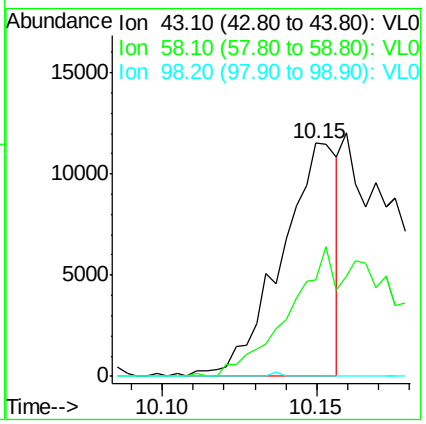


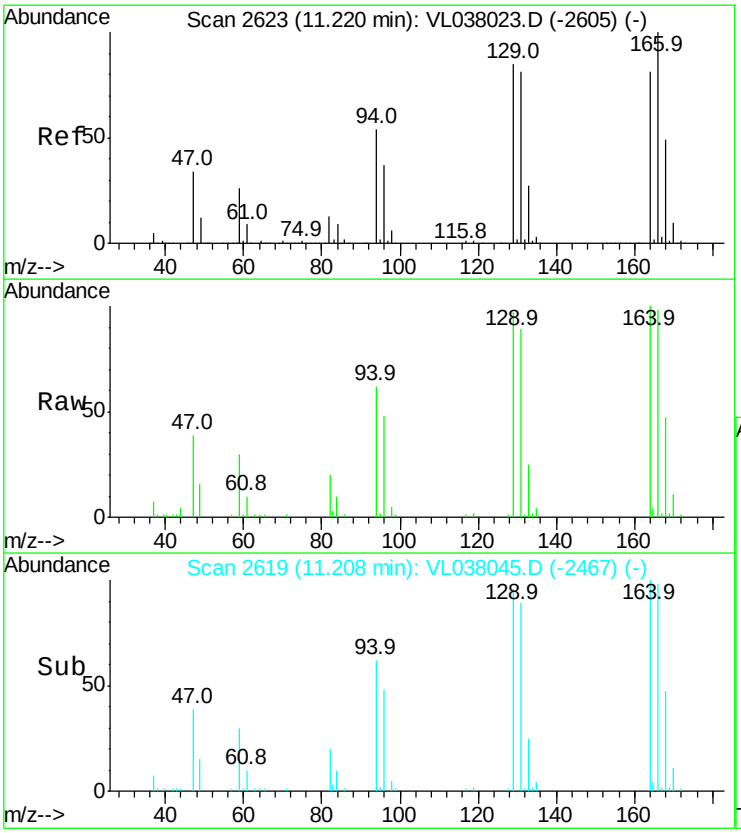
#51
2-Hexanone
Concen: 0.188 ppbv
RT: 10.15
Delta R.T
Lab File:
Acq: 18 Nov 2021 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 14465

Ion	Ratio	Lower	Upper
43	100		
58	145.6	41.4	62.0#
98	0.0	0.1	0.1#

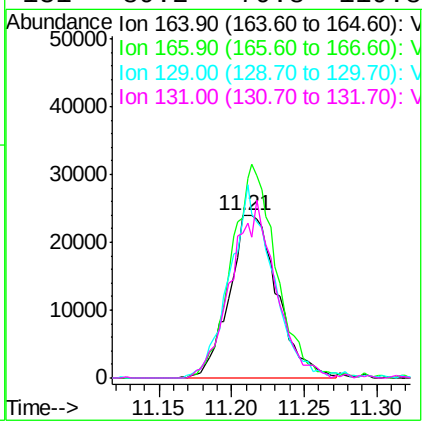


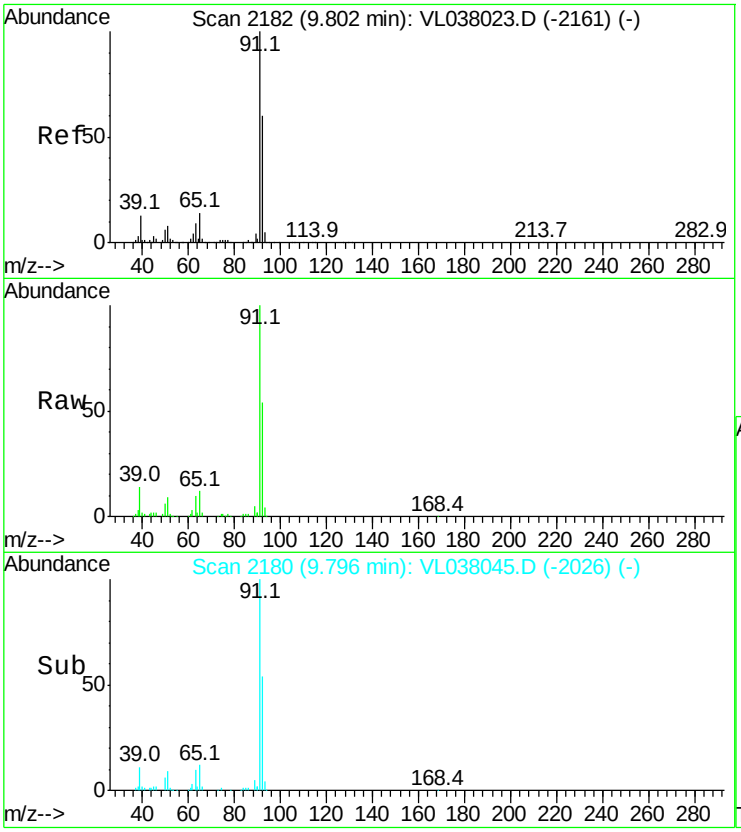


#52
Tetrachloroethene
Concen: 0.551 ppbv
RT: 11.21 min Scan# 2619
Delta R.T. -0.01 min
Lab File: VL038045.D
Acq: 18 Nov 2021 8:09

Tgt Ion:164 Resp: 54972

Ion	Ratio	Lower	Upper
164	100		
166	98.4	98.6	148.0#
129	95.9	84.1	126.1
131	89.2	79.8	119.8



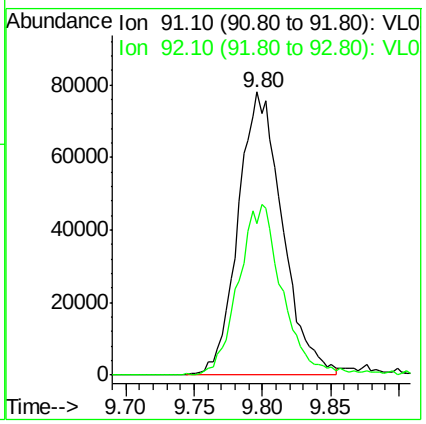


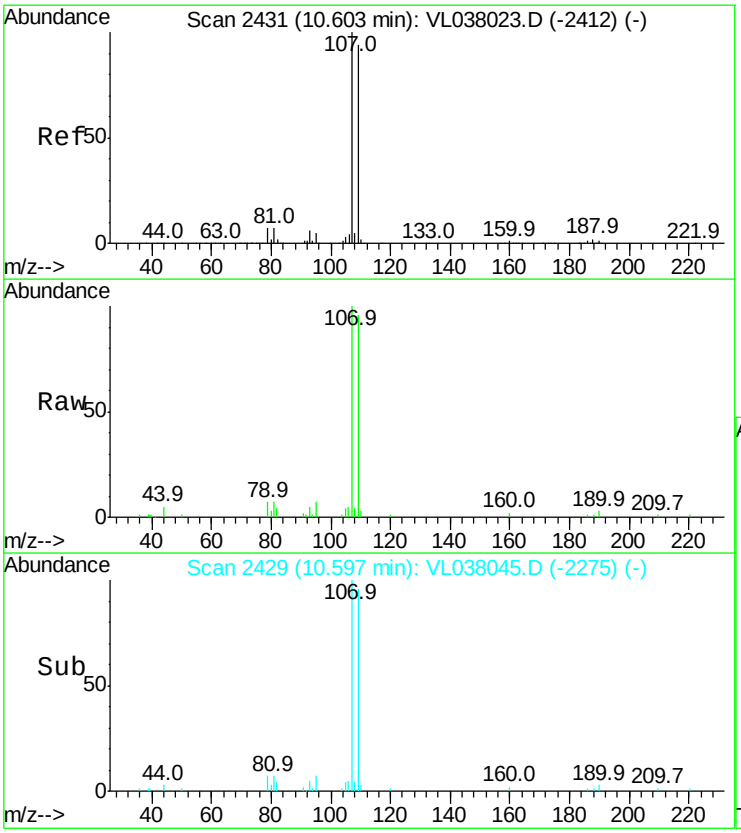
#53
Toluene
Concen: 0.571 ppbv
RT: 9.80
Delta R.T
Lab File:
Acq: 18 Nov 2021 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 176325

Ion	Ratio	Lower	Upper
91	100		
92	60.5	49.5	74.3

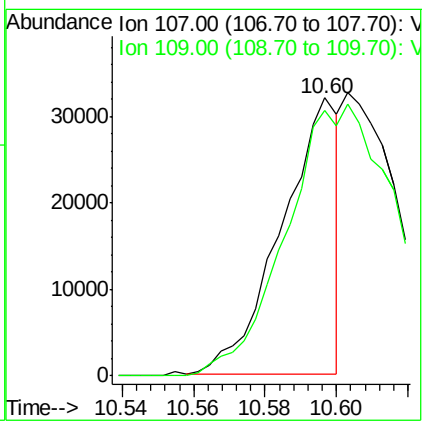


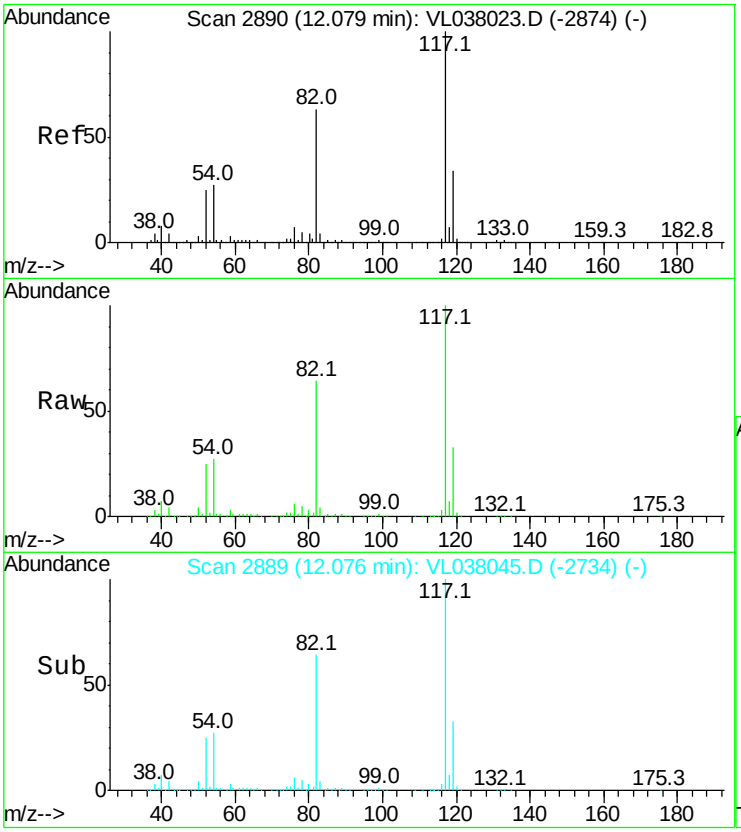


#54
1,2-Dibromoethane
Concen: 0.242 ppbv
RT: 10.60 min Scan# 2429
Delta R.T. -0.01 min
Lab File: VL038045.D
Acq: 18 Nov 2021 8:09

Tgt Ion:107 Resp: 35196

Ion	Ratio	Lower	Upper
107	100		
109	96.4	75.0	112.6



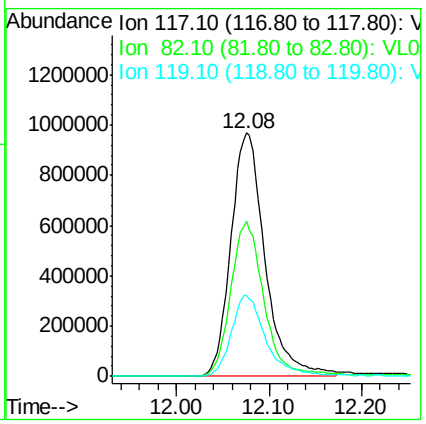


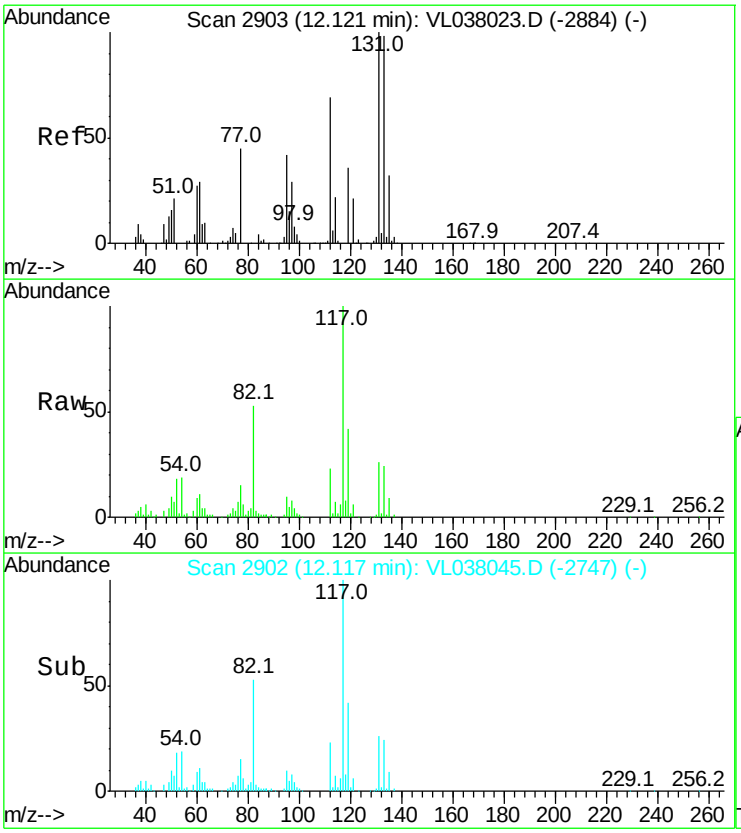
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08
Delta R.T
Lab File:
Acq: 18 Nov 2021 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:117 Resp: 2474712

Ion	Ratio	Lower	Upper
117	100		
82	63.8	50.0	75.0
119	35.0	44.6	67.0#

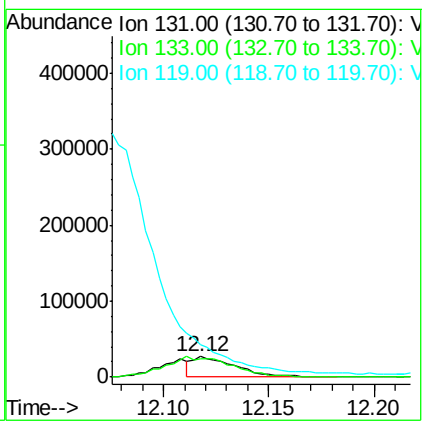


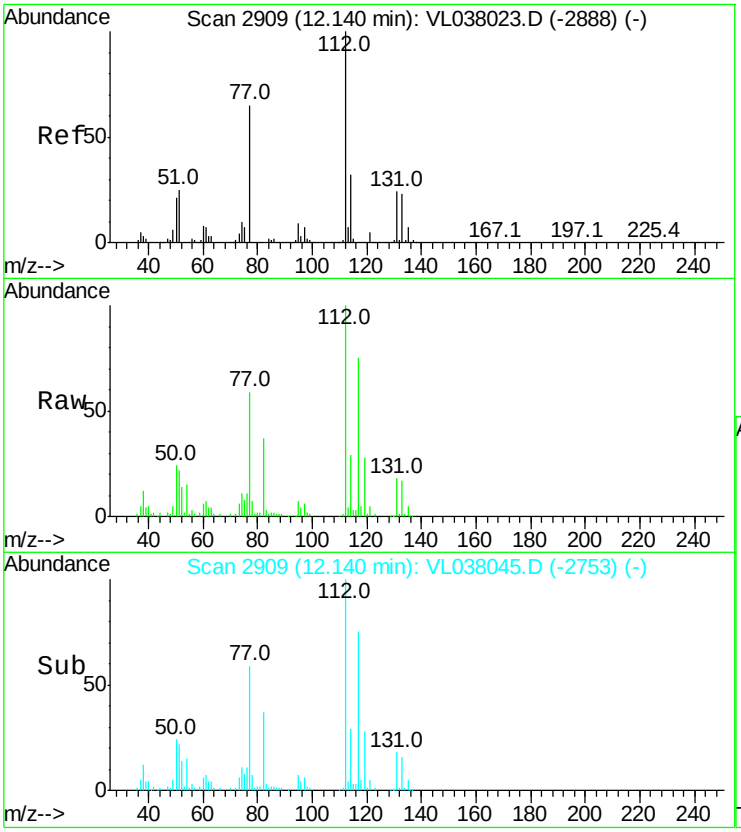


#56
1,1,1,2-Tetrachloroethane
Concen: 0.356 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. -0.00 min
Lab File: VL038045.D
Acq: 18 Nov 2021 8:09

Tgt Ion:131 Resp: 38483

Ion	Ratio	Lower	Upper
131	100		
133	0.0	79.4	119.2#
119	0.0	122.4	183.6#



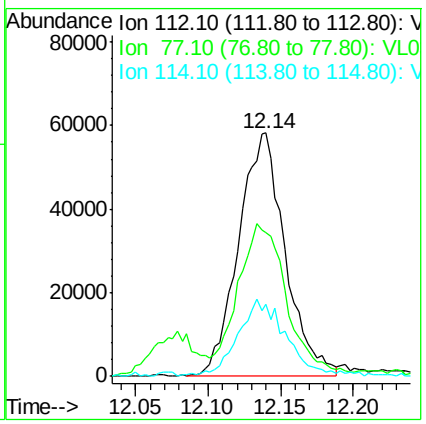


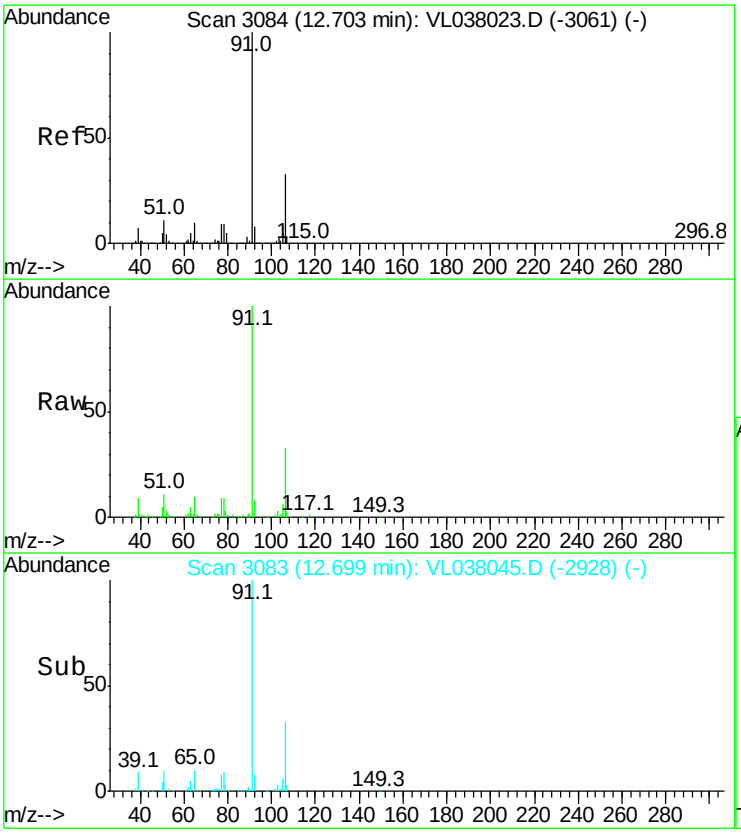
#57
Chlorobenzene
Concen: 0.636 ppbv
RT: 12.14
Delta R.T
Lab File:
Acq: 18 Nov 2021 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:112 Resp: 129127

Ion	Ratio	Lower	Upper
112	100		
77	56.5	52.1	78.1
114	28.8	29.1	35.5#

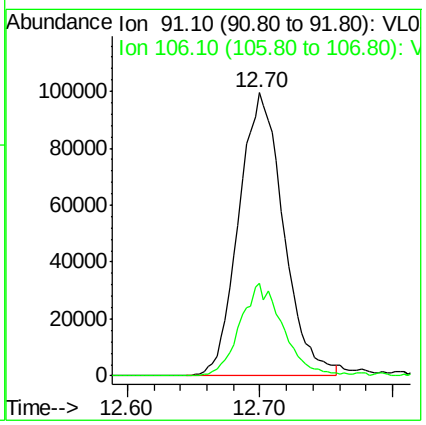


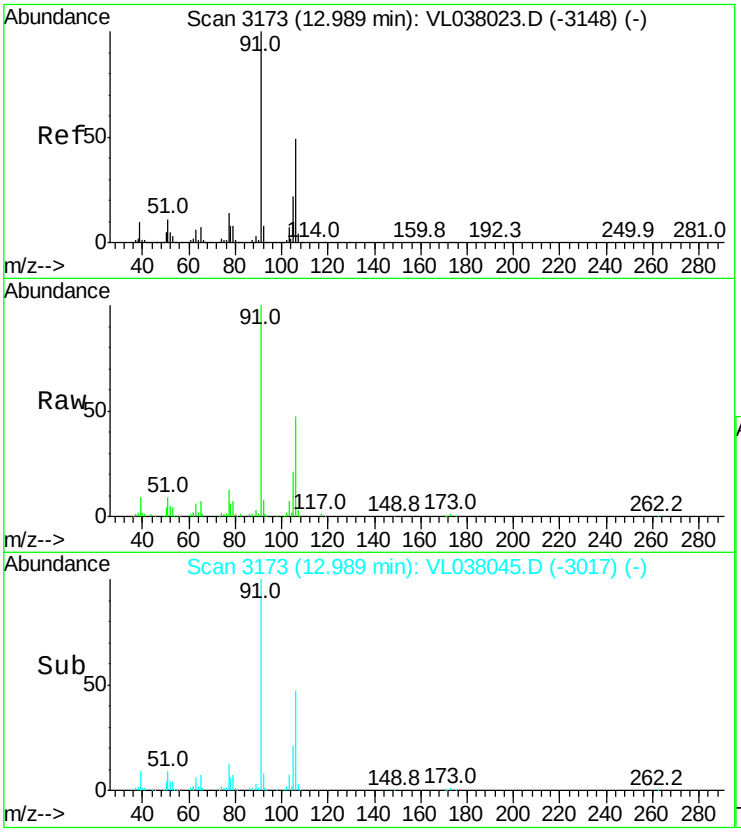


#58
Ethyl Benzene
Concen: 0.621 ppbv
RT: 12.70 min Scan# 3083
Delta R.T. -0.00 min
Lab File: VL038045.D
Acq: 18 Nov 2021 8:09

Tgt Ion: 91 Resp: 233538

Ion	Ratio	Lower	Upper
91	100		
106	32.5	26.2	39.2



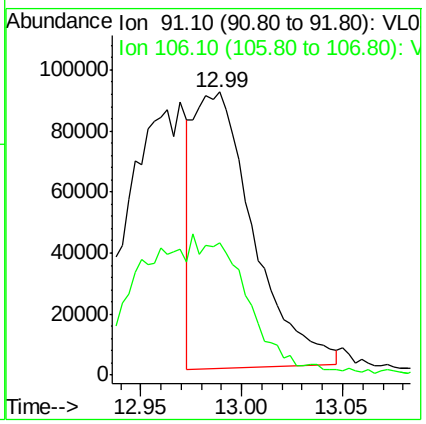


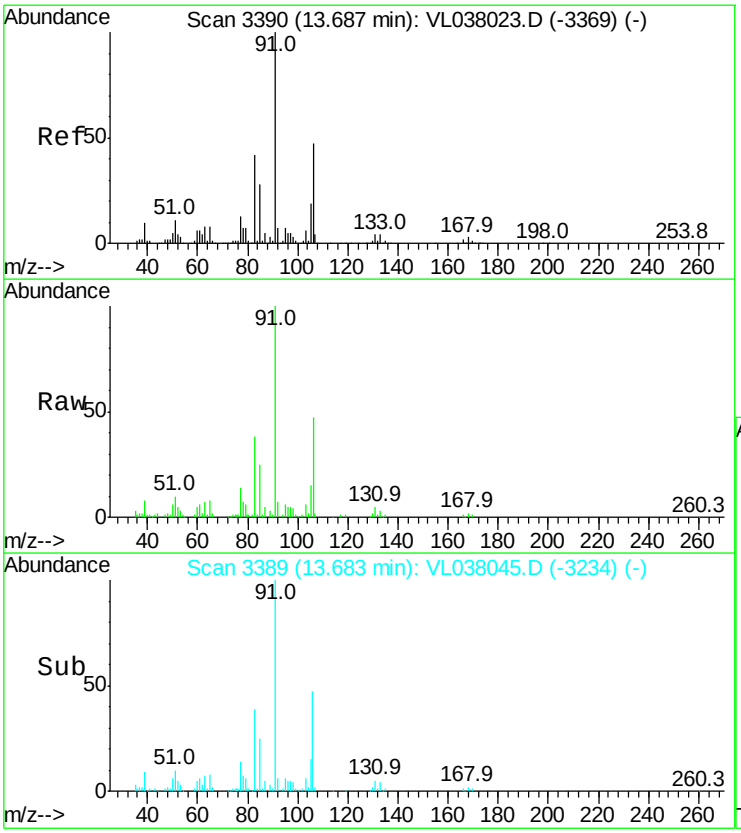
#59
m/p-Xylene
Concen: 0.590 ppbv
RT: 12.99
Delta R.T
Lab File:
Acq: 18 Nov 2021 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 184175

Ion	Ratio	Lower	Upper
91	100		
106	0.0	38.5	57.7#

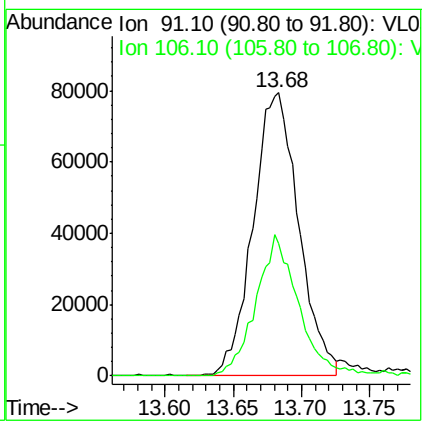


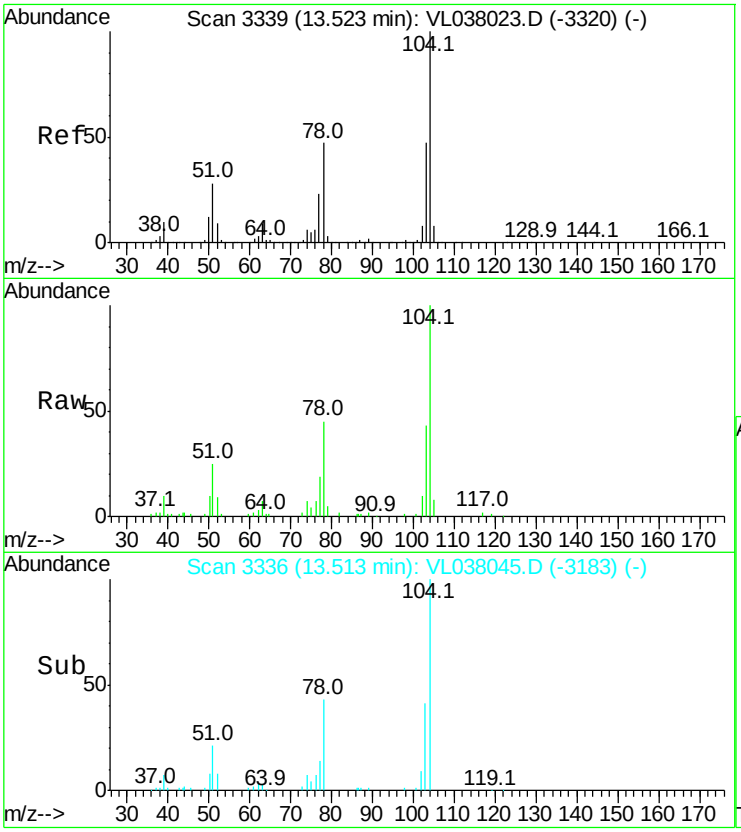


#60
o-Xylene
Concen: 0.637 ppbv
RT: 13.68 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VL038045.D
Acq: 18 Nov 2021 8:09

Tgt Ion: 91 Resp: 184610

Ion	Ratio	Lower	Upper
91	100		
106	47.3	24.4	73.2



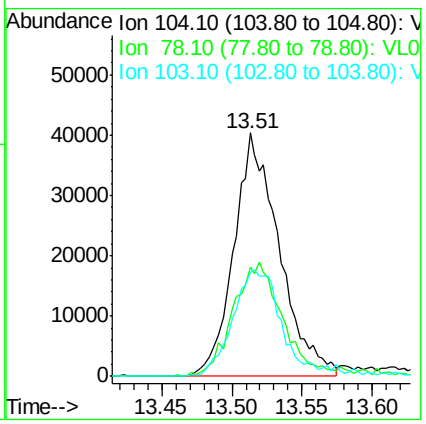


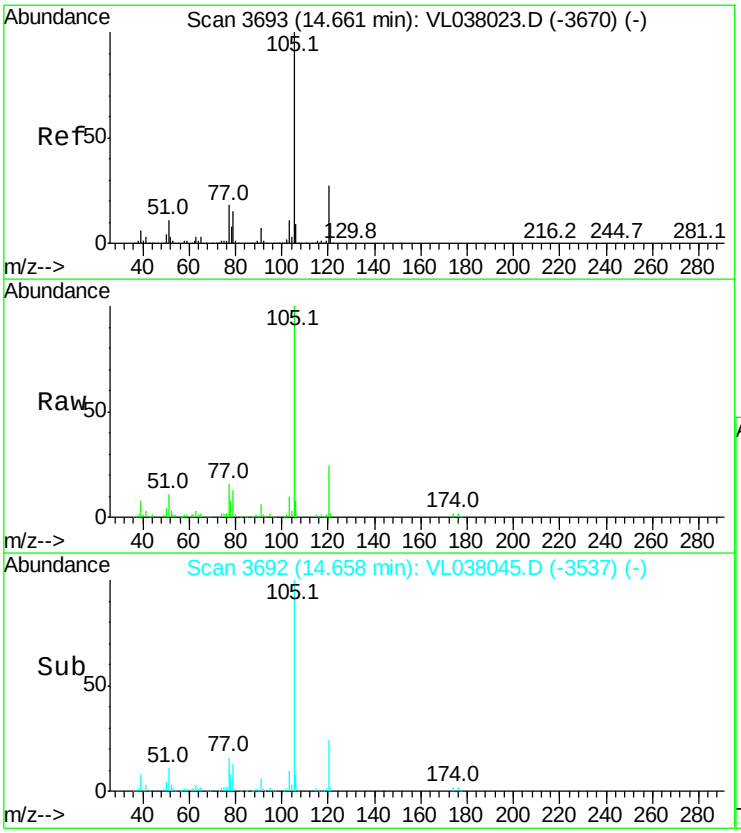
#61
Styrene
Concen: 0.562 ppbv
RT: 13.51
Delta R.T
Lab File:
Acq: 18 Nov 2021 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:104 Resp: 90817

Ion	Ratio	Lower	Upper
104	100		
78	53.5	38.6	58.0
103	48.9	36.7	55.1

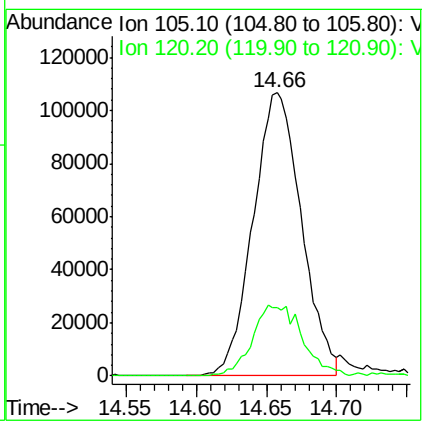


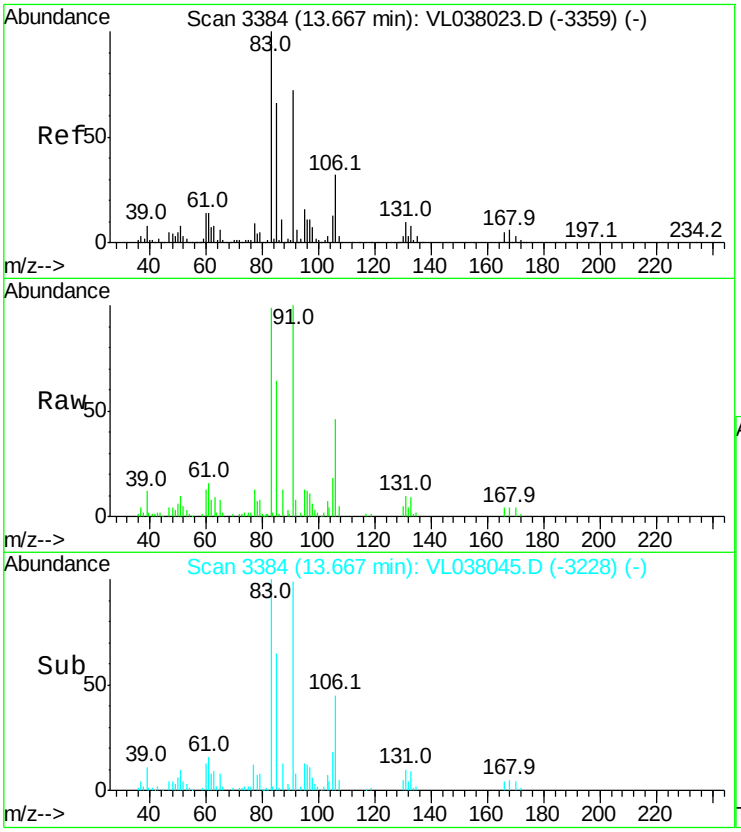


#62
Isopropylbenzene
Concen: 0.608 ppbv
RT: 14.66 min Scan# 3692
Delta R.T. -0.00 min
Lab File: VL038045.D
Acq: 18 Nov 2021 8:09

Tgt Ion:105 Resp: 254928

Ion	Ratio	Lower	Upper
105	100		
120	26.5	21.7	32.5



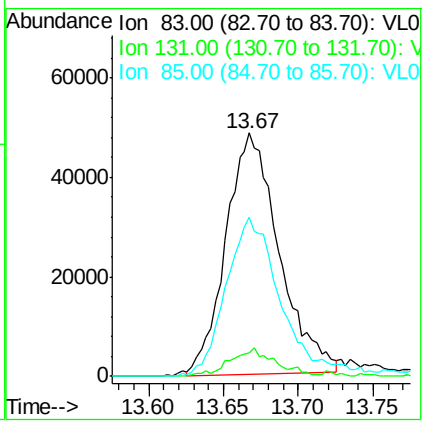


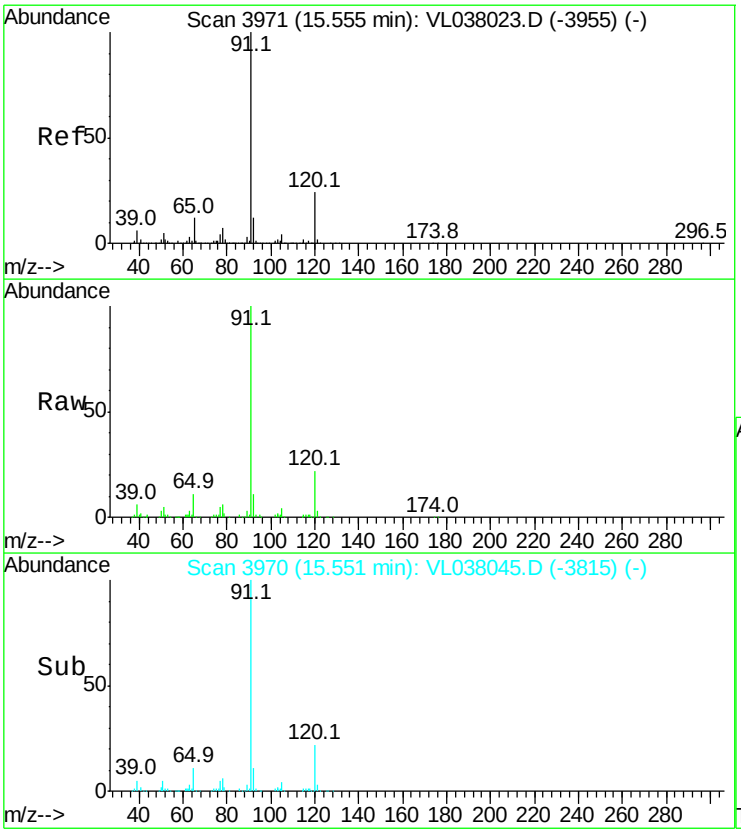
#63
1,1,2,2-Tetrachloroethane
Concen: 0.555 ppbv
RT: 13.67
Delta R.T
Lab File:
Acq: 18 Nov 2021 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 83 Resp: 120322

Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.0	14.9
85	68.9	33.4	100.2

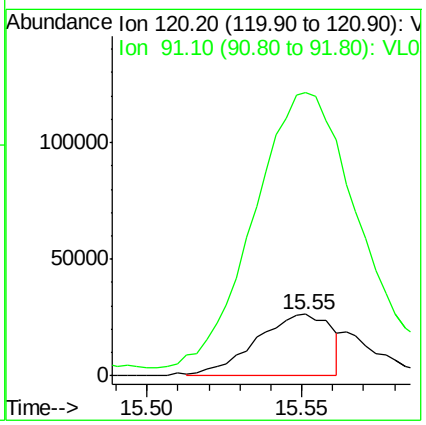


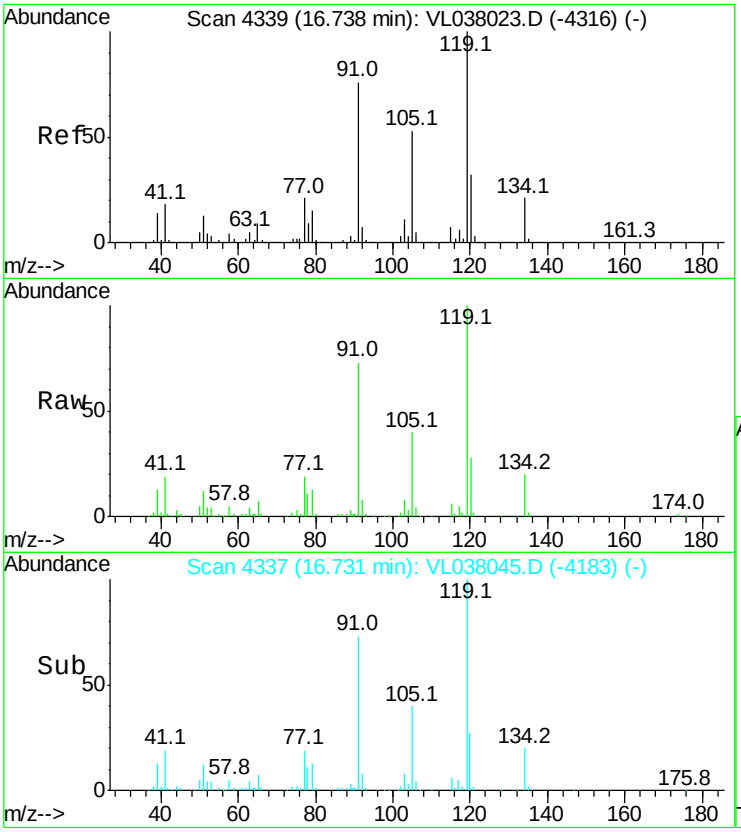


#64
n-propylbenzene
Concen: 0.415 ppbv
RT: 15.55 min Scan# 3970
Delta R.T. -0.00 min
Lab File: VL038045.D
Acq: 18 Nov 2021 8:09

Tgt Ion:120 Resp: 44368

Ion	Ratio	Lower	Upper
120	100		
91	703.8	366.7	550.1#



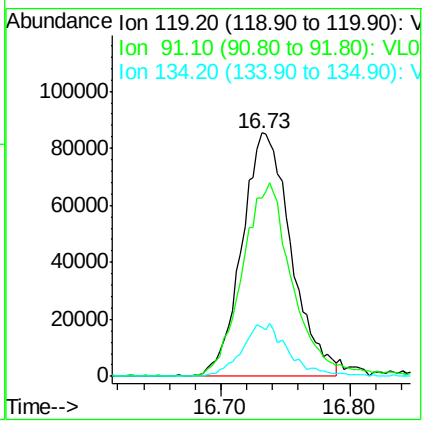


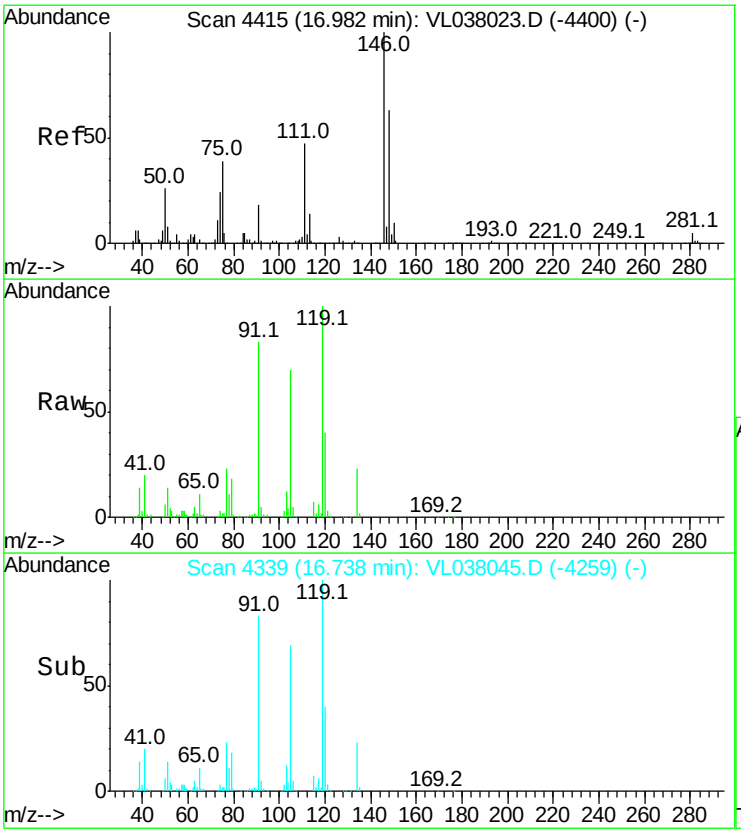
#65
tert-Butylbenzene
Concen: 0.614 ppbv
RT: 16.73
Delta R.T
Lab File:
Acq: 18 Nov 2021 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:119 Resp: 225723

Ion	Ratio	Lower	Upper
119	100		
91	81.8	62.6	94.0
134	20.7	16.1	24.1

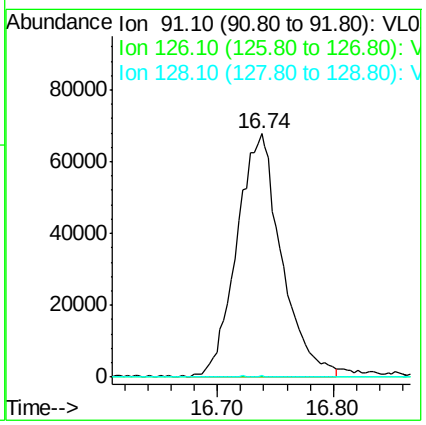


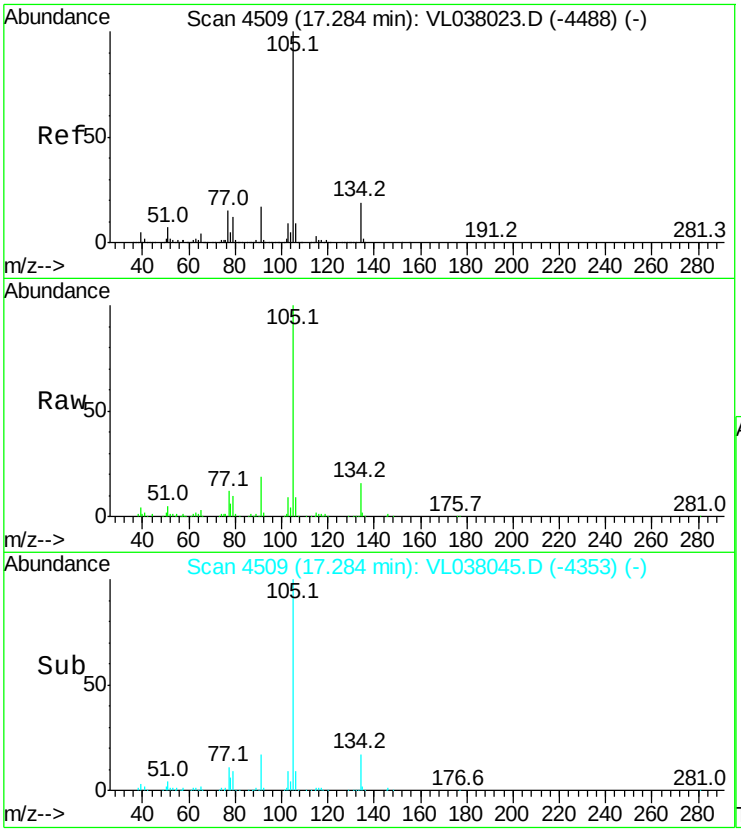


#66
Benzyl Chloride
Concen: 7.027 ppbv
RT: 16.74 min Scan# 4339
Delta R.T. -0.24 min
Lab File: VL038045.D
Acq: 18 Nov 2021 8:09

Tgt Ion: 91 Resp: 180501

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.4	24.6#
128	0.2	5.6	8.4#



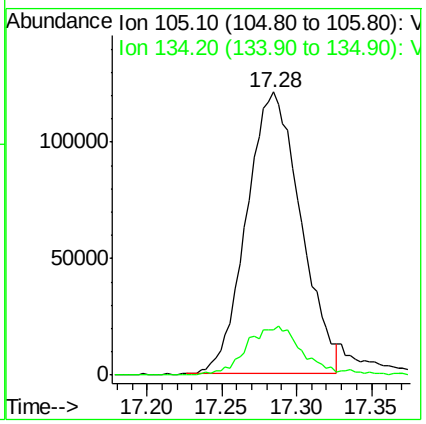


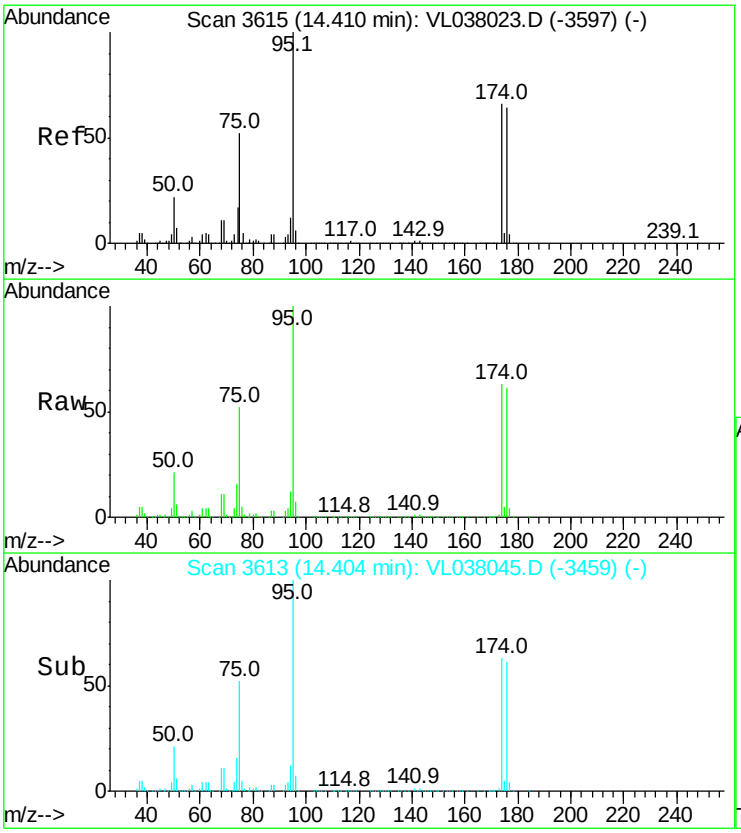
#67
sec-Butylbenzene
Concen: 0.599 ppbv
RT: 17.28
Delta R.T
Lab File:
Acq: 18 Nov 2021 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:105 Resp: 304303

Ion	Ratio	Lower	Upper
105	100		
134	18.6	15.3	22.9

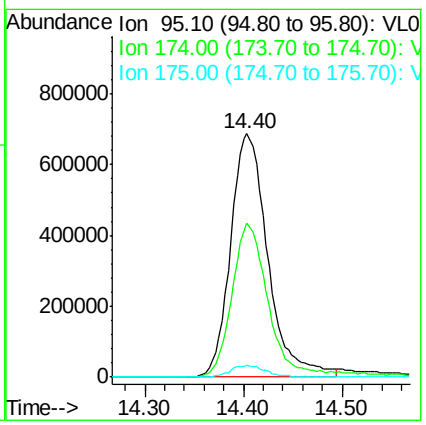


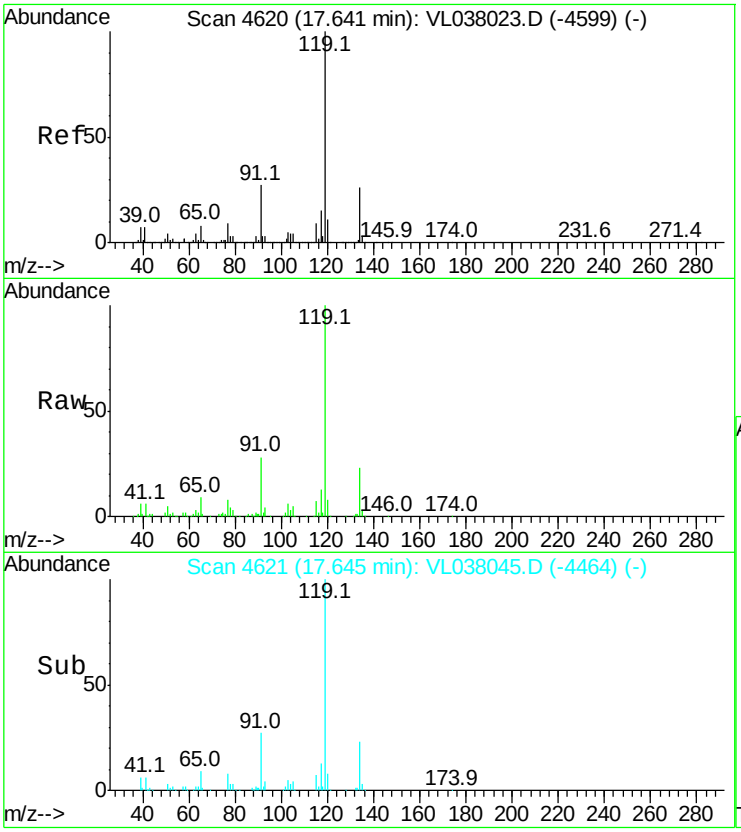


#68
1-Bromo-4-Fluorobenzene
Concen: 10.091 ppbv
RT: 14.40 min Scan# 3613
Delta R.T. -0.01 min
Lab File: VL038045.D
Acq: 18 Nov 2021 8:09

Tgt Ion: 95 Resp: 1804298

Ion	Ratio	Lower	Upper
95	100		
174	64.0	55.0	82.6
175	4.7	4.2	6.2



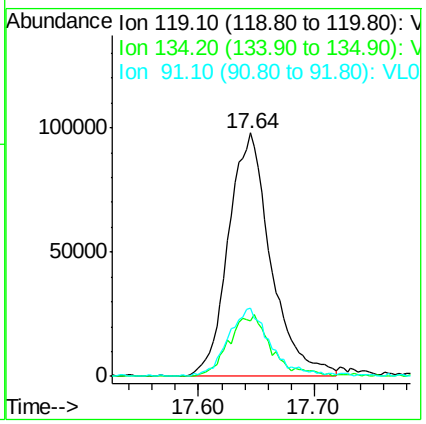


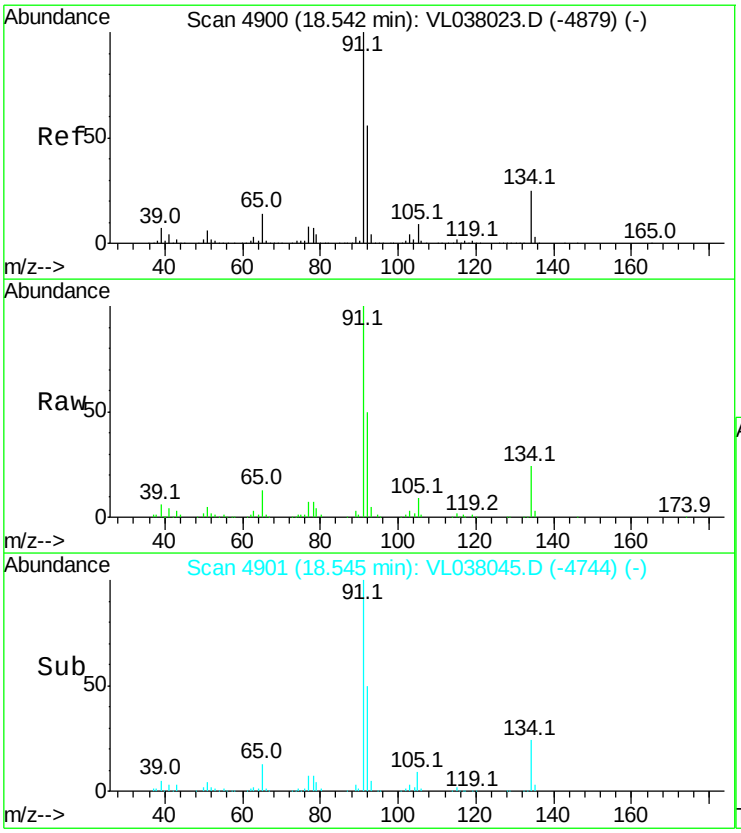
#69
p-Isopropyltoluene
Concen: 0.603 ppbv
RT: 17.64
Delta R.T
Lab File:
Acq: 18 Nov 2021 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:119 Resp: 246827

Ion	Ratio	Lower	Upper
119	100		
134	25.3	21.2	31.8
91	28.3	22.2	33.2

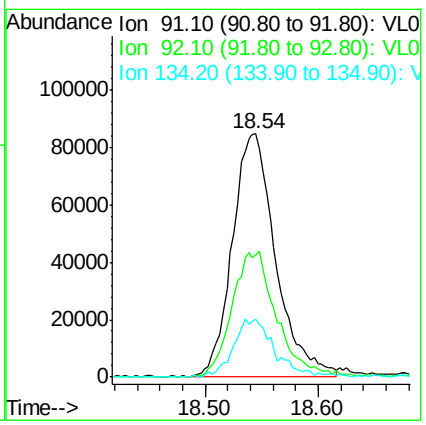


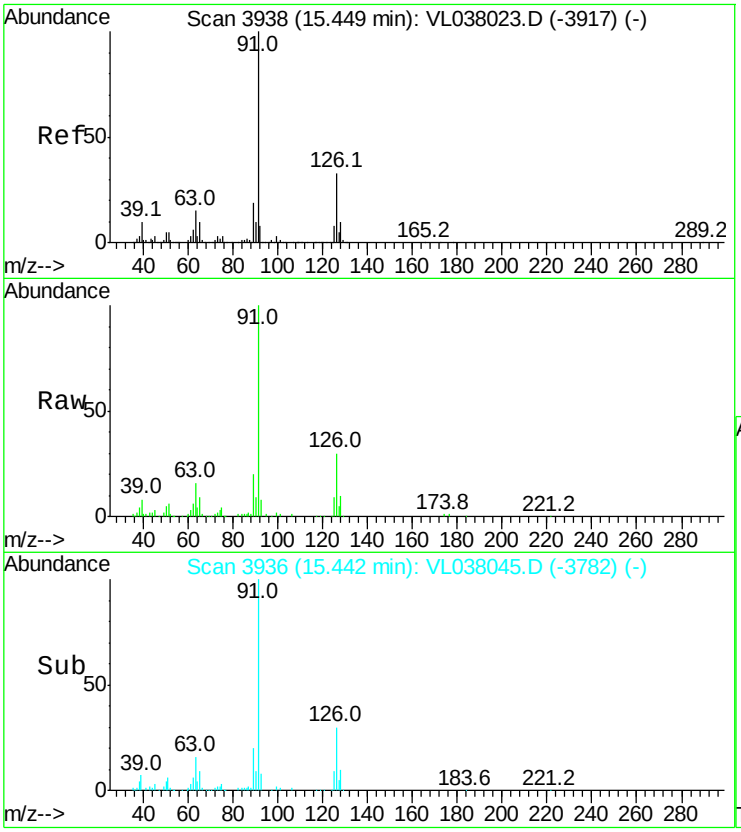


#70
n-Butylbenzene
Concen: 0.595 ppbv
RT: 18.54 min Scan# 4901
Delta R.T. 0.00 min
Lab File: VL038045.D
Acq: 18 Nov 2021 8:09

Tgt Ion: 91 Resp: 223561

Ion	Ratio	Lower	Upper
91	100		
92	54.5	44.4	66.6
134	23.3	19.7	29.5



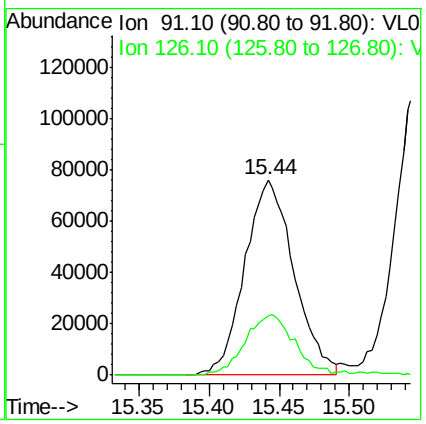


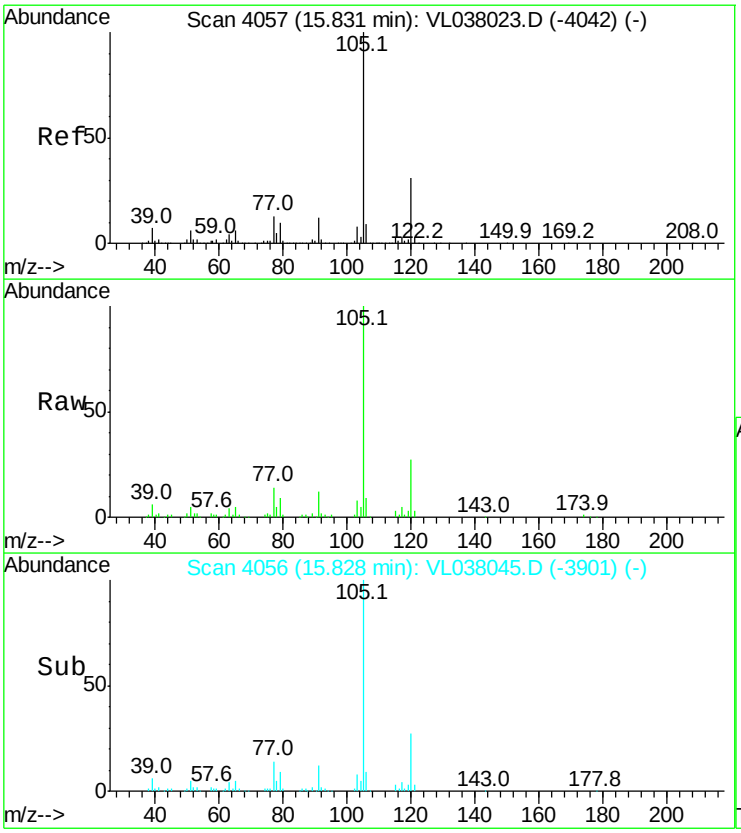
#71
2-Chlorotoluene
Concen: 0.618 ppbv
RT: 15.44
Delta R.T
Lab File:
Acq: 18 Nov 2021 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 185525

Ion	Ratio	Lower	Upper
91	100		
126	32.3	13.6	54.2

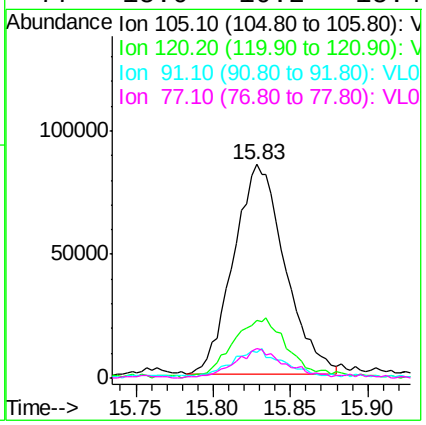


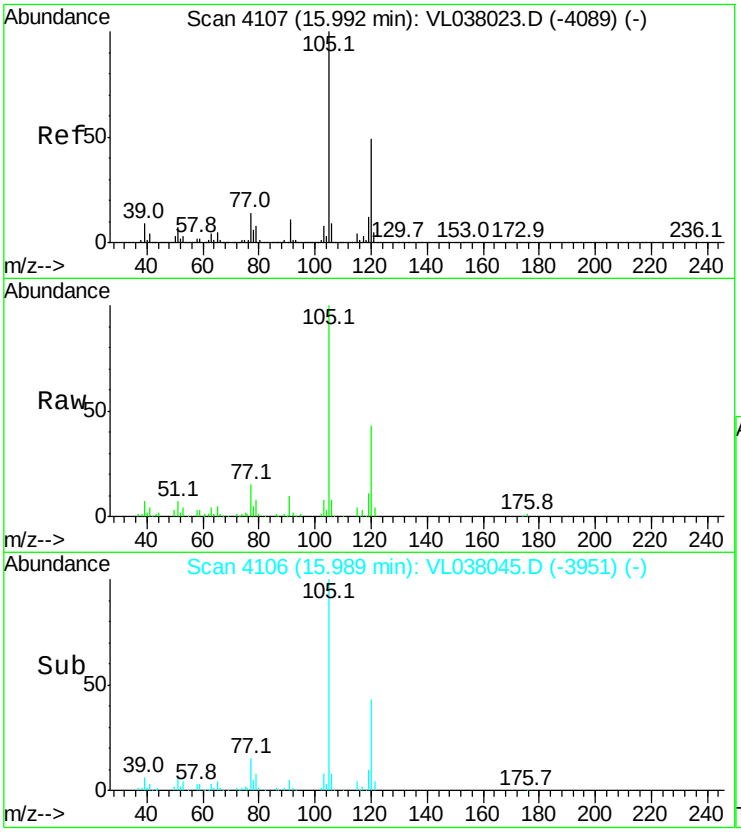


#72
4-Ethyltoluene
Concen: 0.565 ppbv
RT: 15.83 min Scan# 4056
Delta R.T. -0.00 min
Lab File: VL038045.D
Acq: 18 Nov 2021 8:09

Tgt Ion:105 Resp: 195460

Ion	Ratio	Lower	Upper
105	100		
120	33.0	24.7	37.1
91	12.9	9.3	13.9
77	15.0	10.2	15.4



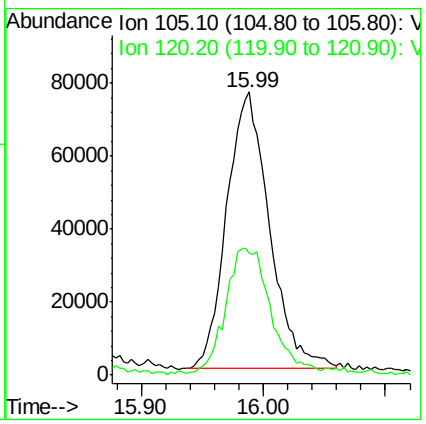


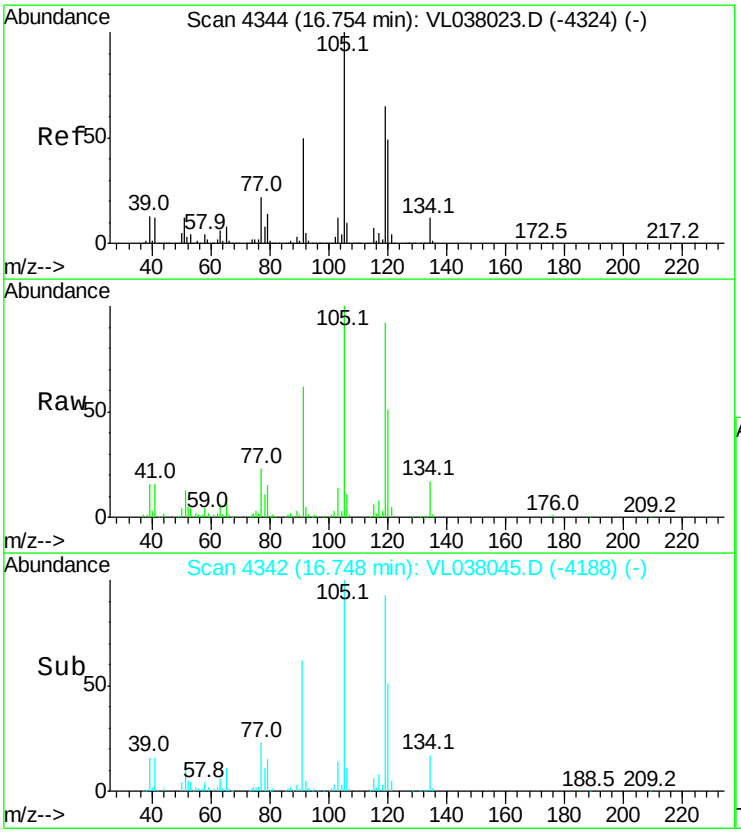
#73
1,3,5-Trimethylbenzene
Concen: 0.582 ppbv
RT: 15.99
Delta R.T
Lab File:
Acq: 18 Nov 2021 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:105 Resp: 184051

Ion	Ratio	Lower	Upper
105	100		
120	43.6	38.8	58.2

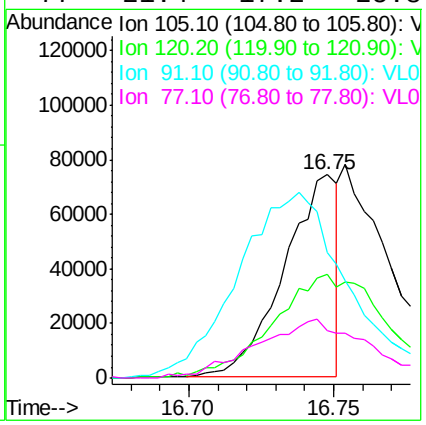


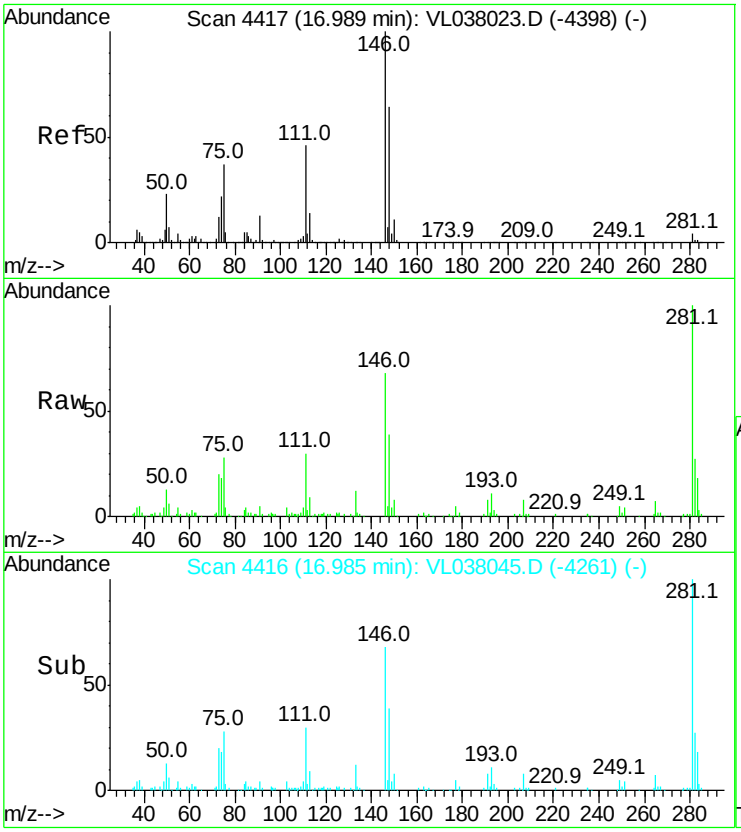


#74
1,2,4-Trimethylbenzene
Concen: 0.299 ppbv
RT: 16.75 min Scan# 4342
Delta R.T. -0.01 min
Lab File: VL038045.D
Acq: 18 Nov 2021 8:09

Tgt Ion:105 Resp: 95323

Ion	Ratio	Lower	Upper
105	100		
120	50.2	39.5	59.3
91	52.8	40.9	61.3
77	21.4	17.2	25.8



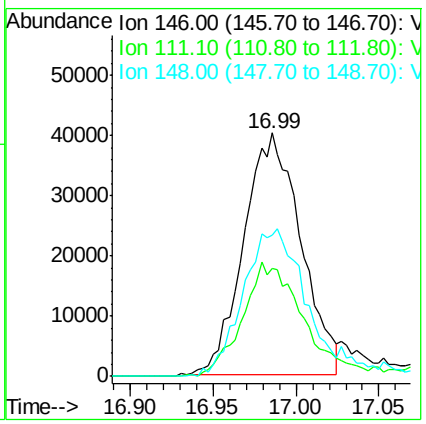


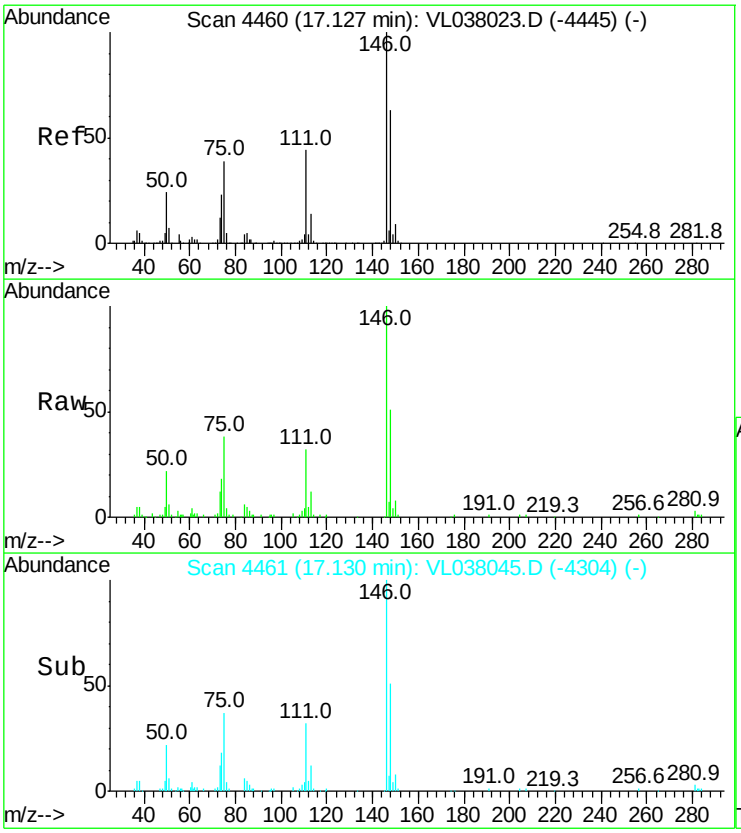
#75
1,3-Dichlorobenzene
Concen: 0.544 ppbv
RT: 16.99
Delta R.T
Lab File:
Acq: 18 Nov 2021 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:146 Resp: 95649

Ion	Ratio	Lower	Upper
146	100		
111	50.5	23.2	69.5
148	70.5	32.1	96.5

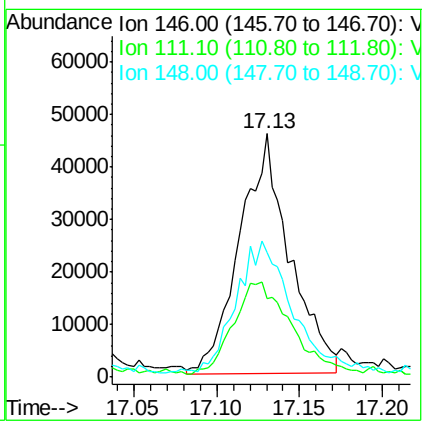


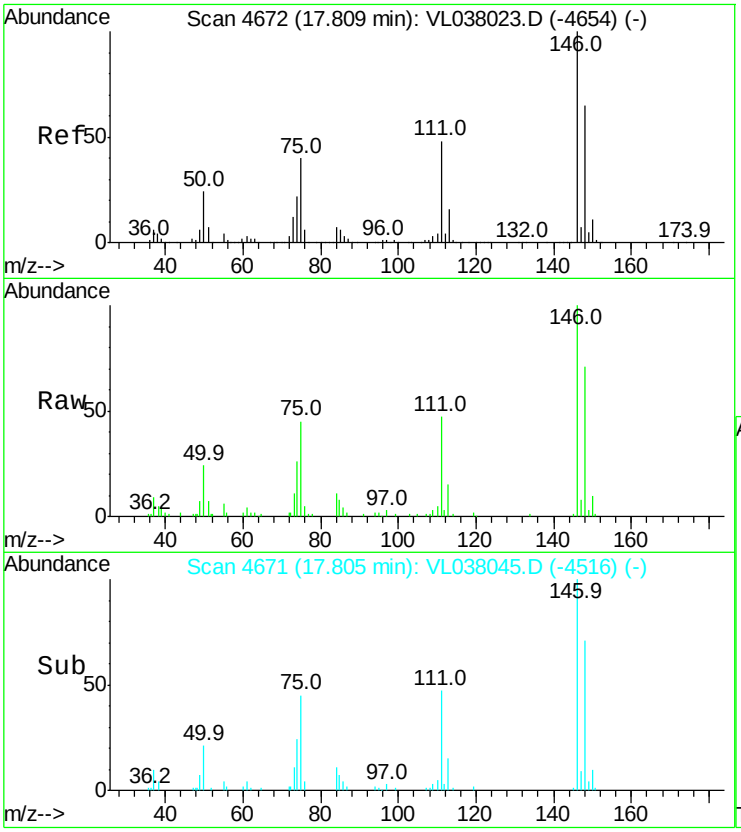


#76
1,4-Dichlorobenzene
Concen: 0.536 ppbv
RT: 17.13 min Scan# 4461
Delta R.T. 0.00 min
Lab File: VL038045.D
Acq: 18 Nov 2021 8:09

Tgt Ion:146 Resp: 96537

Ion	Ratio	Lower	Upper
146	100		
111	51.6	22.4	67.2
148	73.0	32.4	97.2



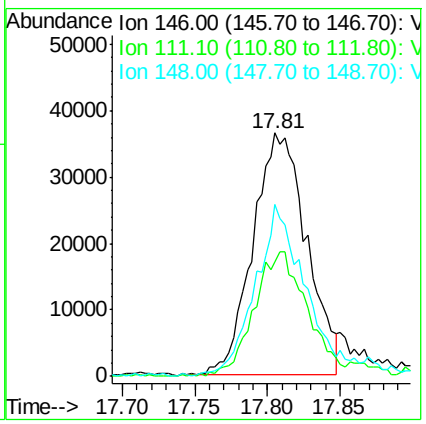


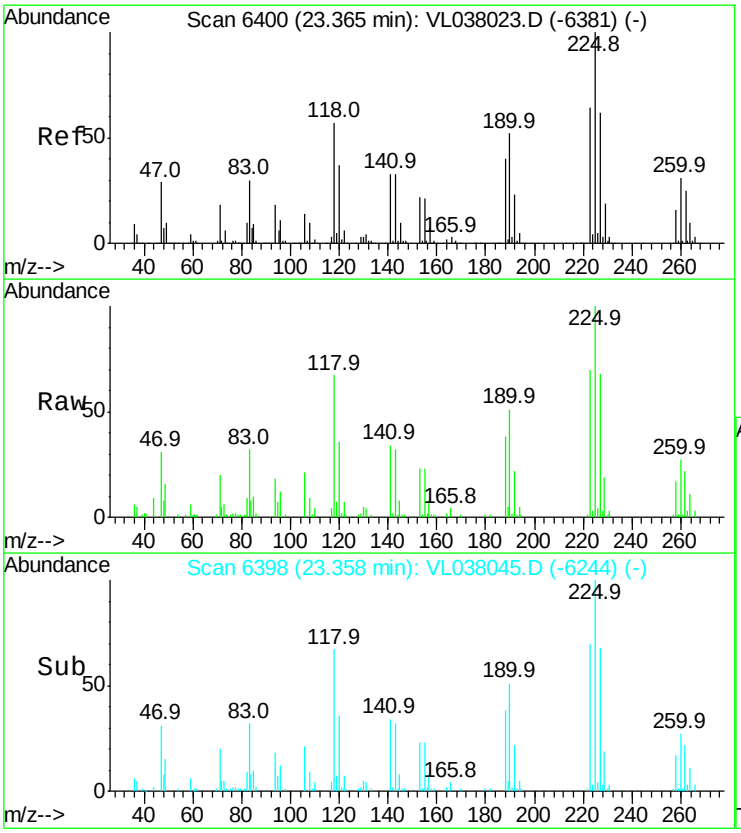
#77
1,2-Dichlorobenzene
Concen: 0.558 ppbv
RT: 17.81
Delta R.T
Lab File:
Acq: 18 Nov 2021 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:146 Resp: 94024

Ion	Ratio	Lower	Upper
146	100		
111	56.0	24.3	73.0
148	70.8	32.5	97.4

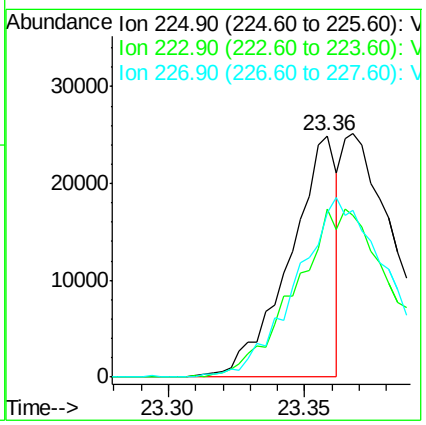


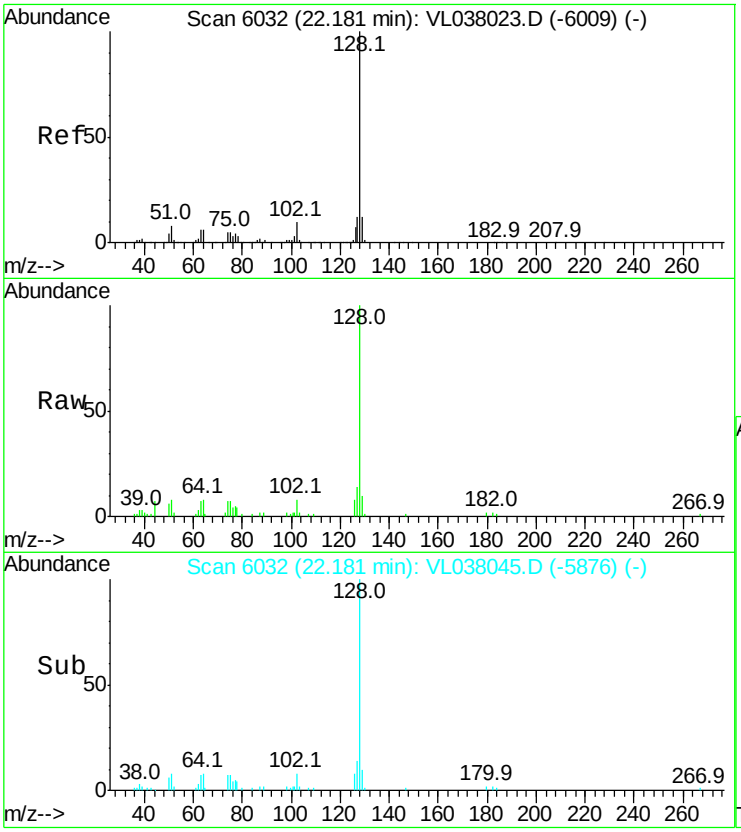


#78
Hexachloro-1,3-Butadiene
Concen: 0.274 ppbv
RT: 23.36 min Scan# 6398
Delta R.T. -0.01 min
Lab File: VL038045.D
Acq: 18 Nov 2021 8:09

Tgt Ion:225 Resp: 29968

Ion	Ratio	Lower	Upper
225	100		
223	144.7	51.0	76.4#
227	151.5	51.4	77.2#



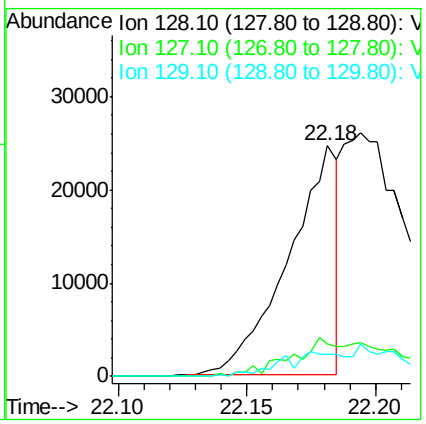


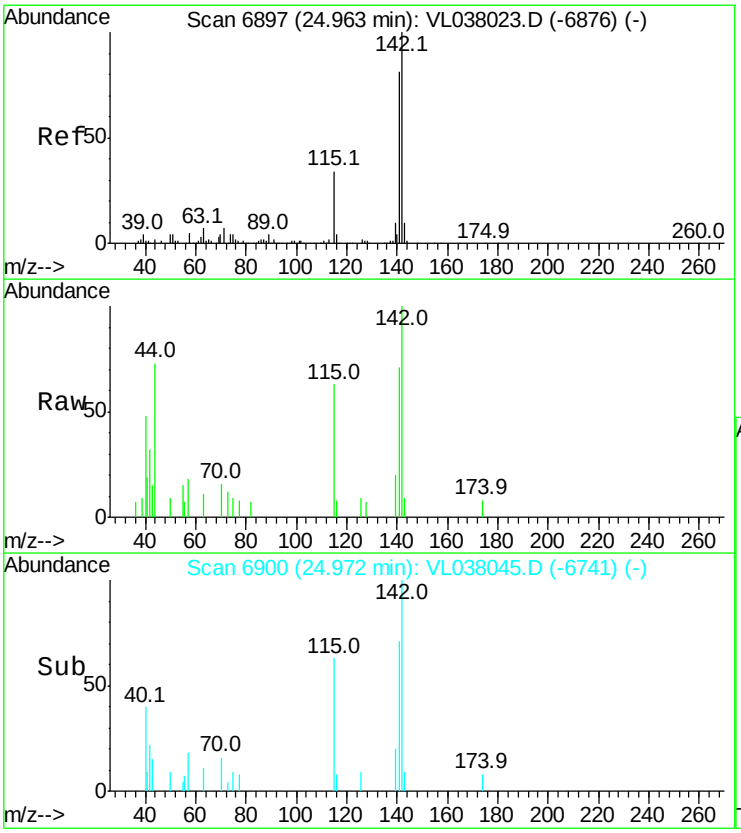
#79
Naphthalene
Concen: 0.185 ppbv
RT: 22.18
Delta R.T
Lab File:
Acq: 18 Nov 2021 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:128 Resp: 32314

Ion	Ratio	Lower	Upper
128	100		
127	14.3	9.8	14.6
129	9.9	9.4	14.0

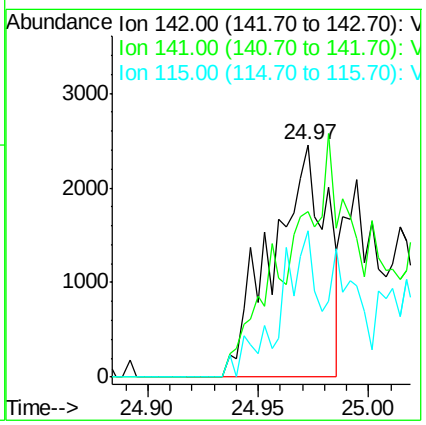


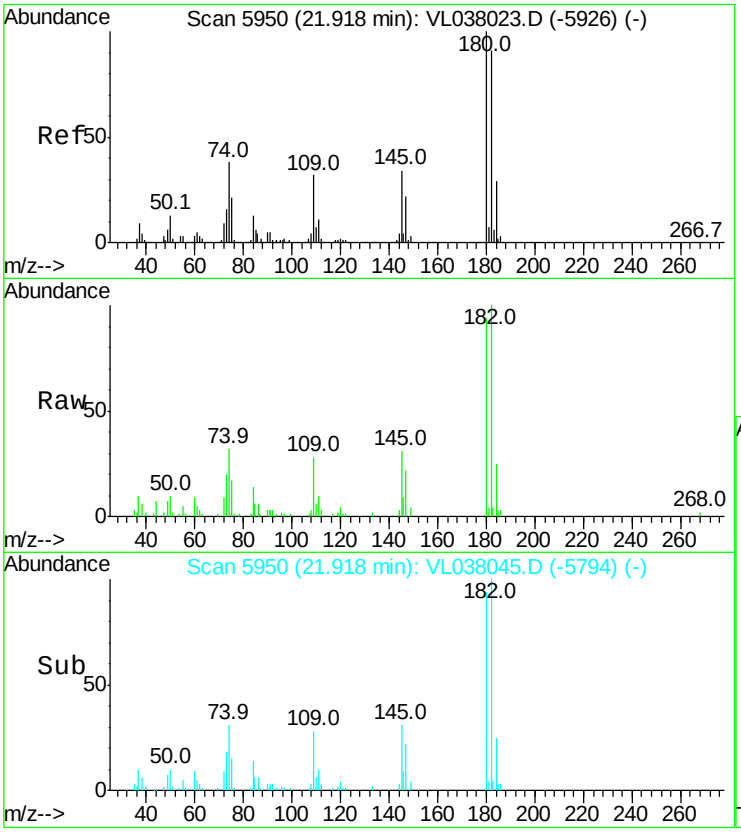


#80
Naphthalene,2-methyl-
Concen: 0.128 ppbv
RT: 24.97 min Scan# 6900
Delta R.T. 0.01 min
Lab File: VL038045.D
Acq: 18 Nov 2021 8:09

Tgt Ion:142 Resp: 4214

Ion	Ratio	Lower	Upper
142	100		
141	227.8	76.2	114.4#
115	118.1	29.2	43.8#





#81
1,2,4-Trichlorobenzene
Concen: 0.359 ppbv
RT: 21.92
Delta R.T
Lab File:
Acq: 18 Nov 2021 8:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:180 Resp: 35416

Ion	Ratio	Lower	Upper
180	100		
182	143.5	76.2	114.4#
184	45.5	24.2	36.2#