Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050522\
Data File : VL038959.D
Acq On : 5 May 2022 4:01
Operator : SY/AP
Sample : VSTDICC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: May 05 04:53:48 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 04:53:24 2022
QLast Update : Thu May 05 04:53:24 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1370541	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3277609	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2992669	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2332483	9.85	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.50%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.05	85	263422	1.189	ppbv	97
3) Chlorodifluoromethane	2.99	51	182899	0.758	ppbv	96
4) Chloromethane	3.14	50	85448	0.953	ppbv	100
5) Vinyl Chloride	3.26	62	74548	0.813	ppbv	98
6) Bromomethane	3.48	94	37408	0.765	ppbv	93
7) Chloroethane	3.56	64	26095	0.834	ppbv	94
8) Dichlorotetrafluoroethane	3.19	85	202236	0.960	ppbv	97
9) Propene	3.01	41	77811	0.983	ppbv	98
10) Heptane	8.11	43	183171	0.904	ppbv	100
11) Trichlorofluoromethane	3.95	101	184607	0.837	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	128560	0.902	ppbv	94
13) Ethanol	3.61	45	1766	0.204	ppbv #	1
14) Bromoethene	3.74	108	55897	0.943	ppbv	99
15) Acetone	3.86	43	126420	0.934	ppbv	94
16) 1,3-Butadiene	3.33	39	72623	0.805	ppbv	98
17) tert-Butyl alcohol	4.29	59	68812	0.604	ppbv #	78
18) 1,1-Dichloroethene	4.29	96	35667	0.566	ppbv	95
19) Isopropyl Alcohol	3.97	45	64438	0.892	ppbv #	94
20) Methylene Chloride	4.34	84	23041	0.378	ppbv	99
21) Allyl Chloride	4.41	41	79042	0.762	ppbv	87
22) trans-1,2-Dichloroethene	4.88	96	59889	1.003	ppbv	86
23) Vinyl Acetate	5.07	43	92827	0.451	ppbv #	90
24) 1,1-Dichloroethane	5.01	63	120992	0.764	ppbv	99
25) Ethyl Acetate	5.68	43	312923	0.976	ppbv	98
26) Hexane	5.68	57	132492	0.907	ppbv	90
27) Carbon Disulfide	4.55	76	124464	0.864	ppbv	95
28) Methyl tert-Butyl Ether	5.04	73	99347	0.616	ppbv	93
29) Chloroform	5.74	83	227670	0.959	ppbv	95
30) Cyclohexane	7.13	84	117640	0.994	ppbv #	67
31) cis-1,2-Dichloroethene	5.55	61	141847	0.994	ppbv	94
32) 1,1,1-Trichloroethane	6.50	97	214670	0.898	ppbv	96
34) 2-Butanone	5.25	43	164387	1.010	ppbv	94
35) Carbon Tetrachloride	7.01	117	225792	0.898	ppbv	93
36) Benzene	6.88	78	291986	0.976	ppbv #	92
37) 1,2-Dichloroethane	6.30	62	179489	1.003	ppbv	100
38) Trichloroethene	7.83	130	68468	0.572	ppbv	93
39) 1,2-Dichloropropane	7.60	63	114931	0.949	ppbv	93
40) 1,4-Dioxane	7.84	88	15002	0.482	ppbv #	1
41) Tetrahydrofuran	6.06	42	112255	1.389	ppbv	97
42) Bromodichloromethane	7.78	83	232810	0.957	ppbv	100
43) Methyl Methacrylate	8.01	69	112416	1.090	ppbv	99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050522\
Data File : VL038959.D
Acq On : 5 May 2022 4:01
Operator : SY/AP
Sample : VSTDICC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: May 05 04:53:48 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 04:53:24 2022
QLast Update : Thu May 05 04:53:24 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	522813	0.988	ppbv		98
45) t-1,3-Dichloropropene	9.27	75	42726	0.365	ppbv		97
46) cis-1,3-Dichloropropene	8.69	75	65702	0.442	ppbv		97
47) 1,1,2-Trichloroethane	9.47	97	113543	0.921	ppbv		94
48) Dibromochloromethane	10.29	129	97316	0.513	ppbv	#	22
49) Bromoform	13.02	173	137076	0.904	ppbv		99
50) 4-Methyl-2-Pentanone	8.74	43	136471	0.561	ppbv	#	22
51) 2-Hexanone	10.13	43	187062	1.359	ppbv	#	90
52) Tetrachloroethene	11.21	164	98975	0.896	ppbv		99
53) Toluene	9.79	91	321339	1.006	ppbv		99
54) 1,2-Dibromoethane	10.60	107	94002	0.541	ppbv		100
56) 1,1,1,2-Tetrachloroethane	12.11	131	134212	0.996	ppbv	#	1
57) Chlorobenzene	12.13	112	237268	0.948	ppbv		97
58) Ethyl Benzene	12.70	91	453605	1.054	ppbv		92
59) m/p-Xylene	12.98	91	415524	1.104	ppbv	#	47
60) o-Xylene	13.67	91	375963	1.034	ppbv		96
61) Styrene	13.51	104	181094	1.000	ppbv		98
62) Isopropylbenzene	14.65	105	534078	1.079	ppbv		98
63) 1,1,2,2-Tetrachloroethane	13.66	83	122948	0.451	ppbv	#	43
64) n-propylbenzene	15.55	120	71193	0.590	ppbv	#	1
65) tert-Butylbenzene	16.73	119	474168	1.103	ppbv		97
66) Benzyl Chloride	16.97	91	7519	0.143	ppbv	#	1
67) sec-Butylbenzene	17.28	105	309015	0.506	ppbv	#	55
69) p-Isopropyltoluene	17.64	119	553330	1.160	ppbv		98
70) n-Butylbenzene	18.53	91	336239	0.673	ppbv	#	50
71) 2-Chlorotoluene	15.44	91	411281	1.105	ppbv		98
72) 4-Ethyltoluene	15.82	105	412100	1.033	ppbv		99
73) 1,3,5-Trimethylbenzene	15.98	105	377590	1.015	ppbv		98
74) 1,2,4-Trimethylbenzene	16.74	105	412323	1.027	ppbv		94
75) 1,3-Dichlorobenzene	16.98	146	210796	0.937	ppbv		94
76) 1,4-Dichlorobenzene	17.12	146	207052	0.924	ppbv		95
77) 1,2-Dichlorobenzene	17.80	146	225378	1.058	ppbv		99
78) Hexachloro-1,3-Butadiene	23.36	225	219908	1.147	ppbv		99
79) Naphthalene	22.18	128	182202	0.736	ppbv		99
80) Naphthalene,2-methyl-	24.96	142	74841	1.385	ppbv		97
81) 1,2,4-Trichlorobenzene	21.91	180	122990	0.818	ppbv	#	58

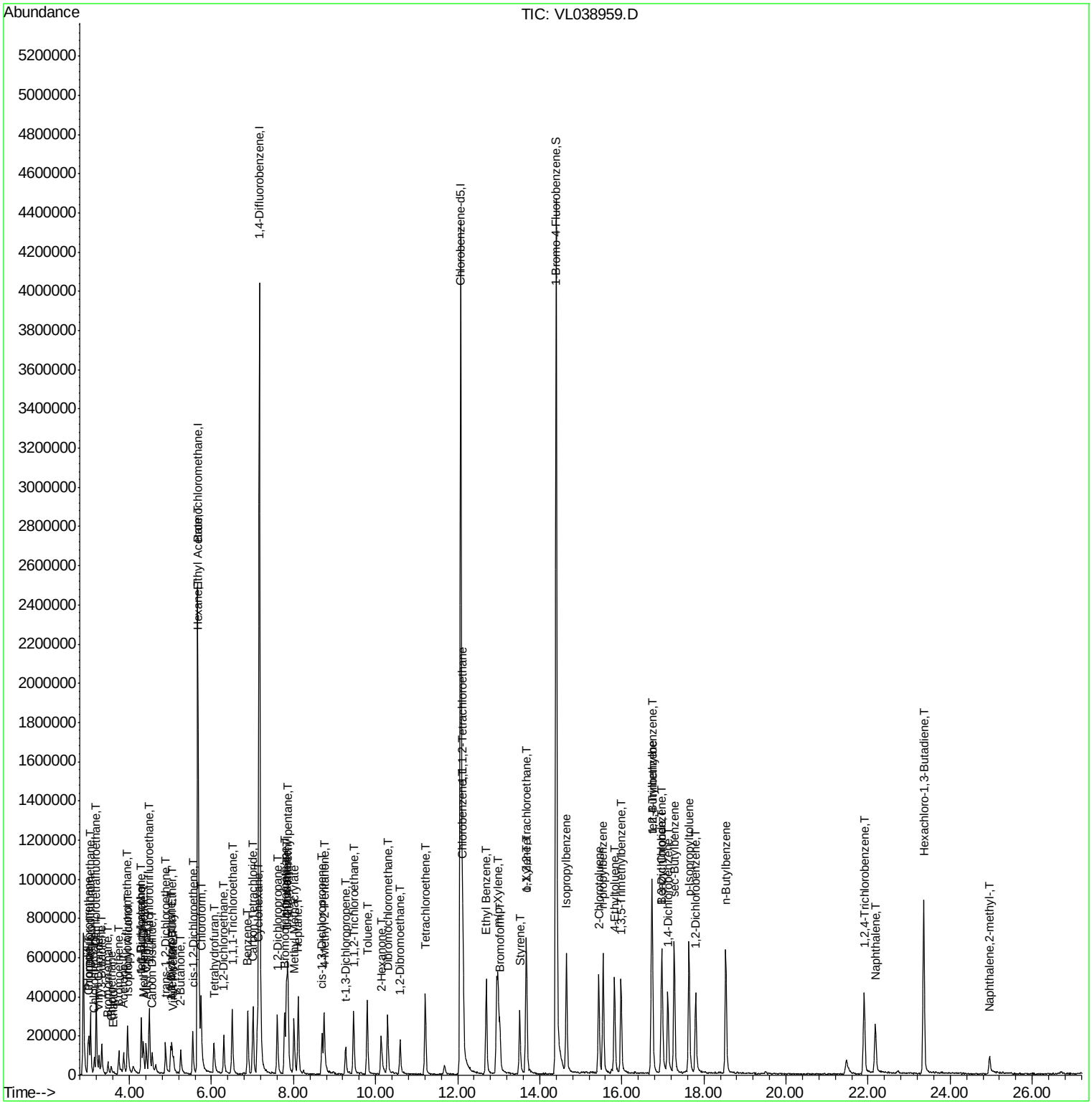
(#) = qualifier out of range (m) = manual integration (+) = signals summed

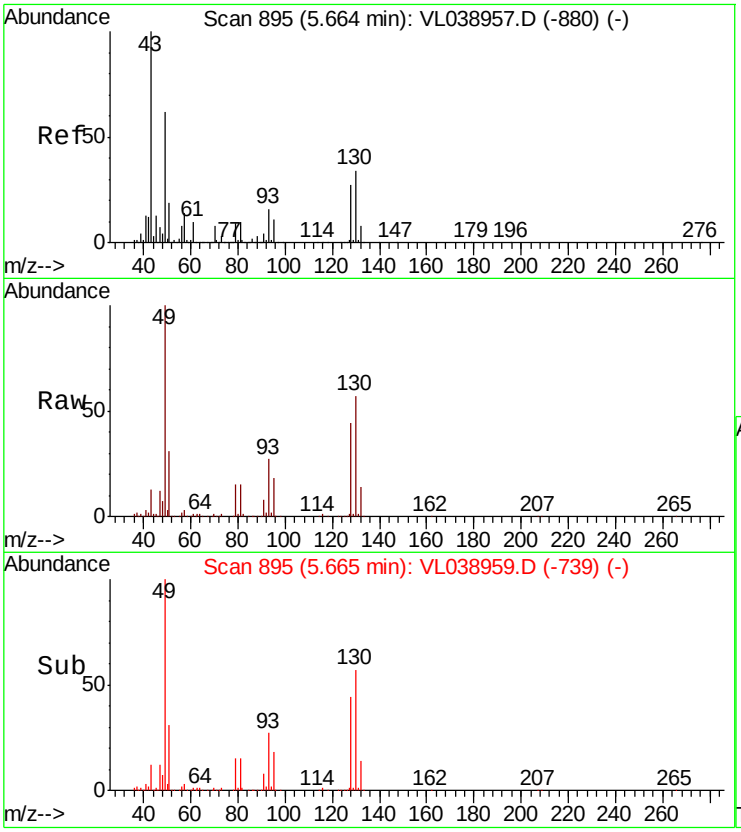
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050522\
Data File : VL038959.D
Acq On : 5 May 2022 4:01
Operator : SY/AP
Sample : VSTDICC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: May 05 04:53:48 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 04:53:24 2022
QLast Update : Thu May 05 04:53:24 2022
Response via : Initial Calibration



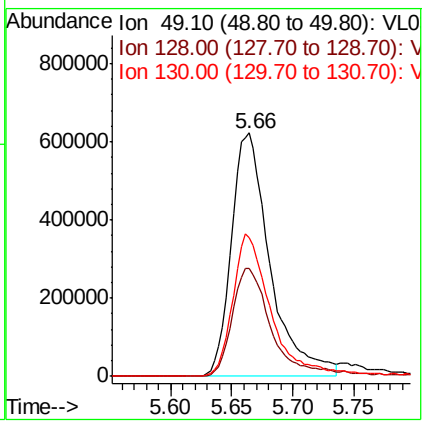


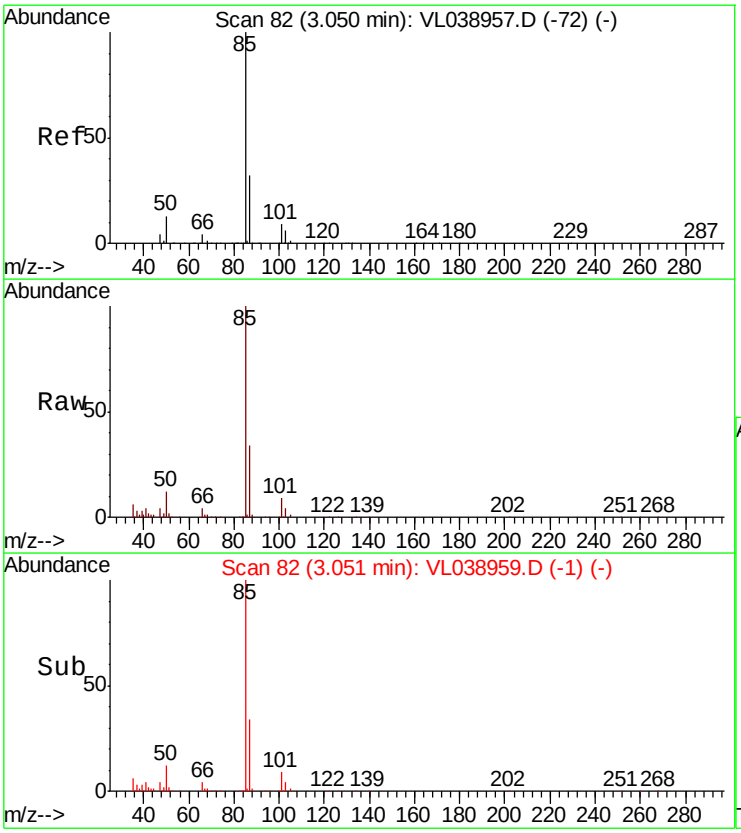
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 5 May 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1370541

Ion	Ratio	Lower	Upper
49	100		
128	46.5	23.3	69.8
130	59.9	29.8	89.3

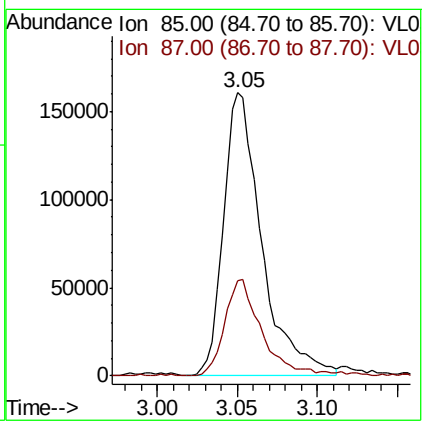


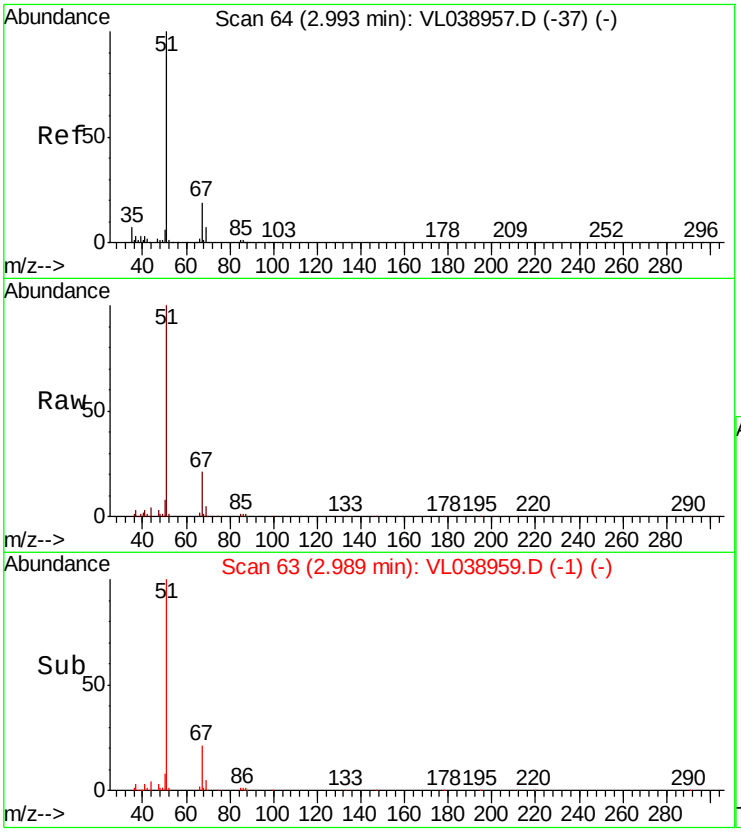


#2
Dichlorodifluoromethane
Concen: 1.189 ppbv
RT: 3.05 min Scan# 82
Delta R.T. 0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion: 85 Resp: 263422

Ion	Ratio	Lower	Upper
85	100		
87	33.5	25.7	38.5



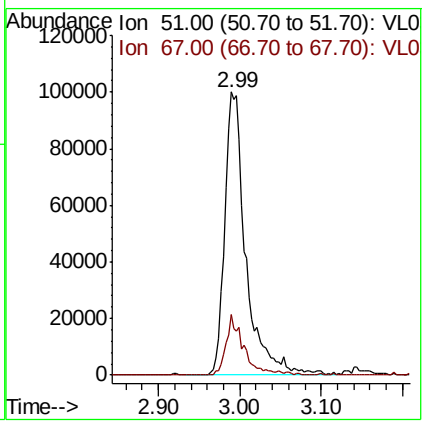


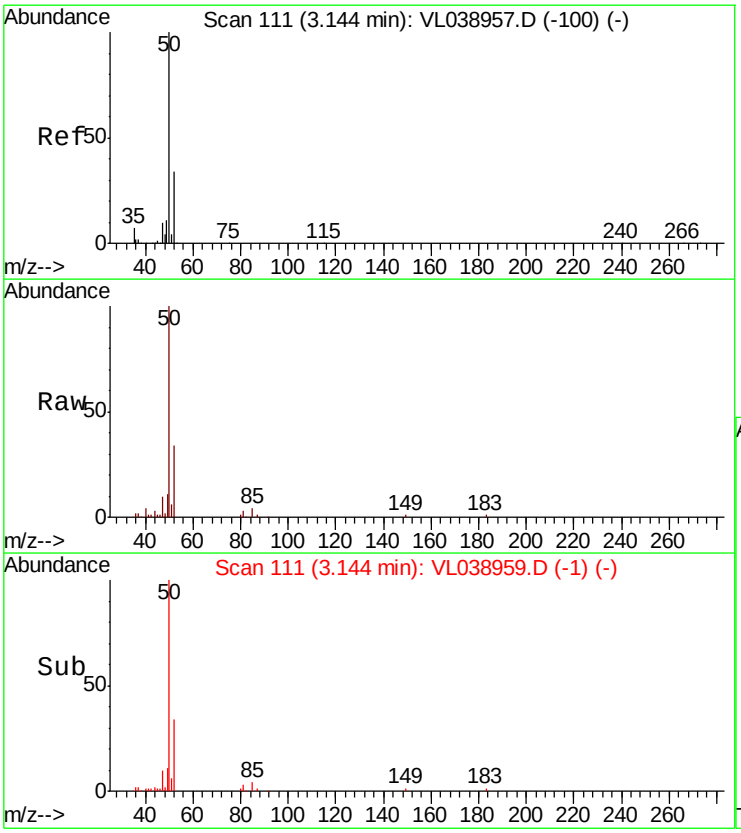
#3
Chlorodifluoromethane
Concen: 0.758 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 5 May 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 182899

Ion	Ratio	Lower	Upper
51	100		
67	18.1	15.8	23.8

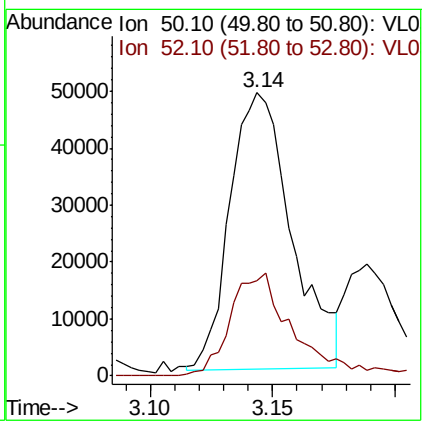


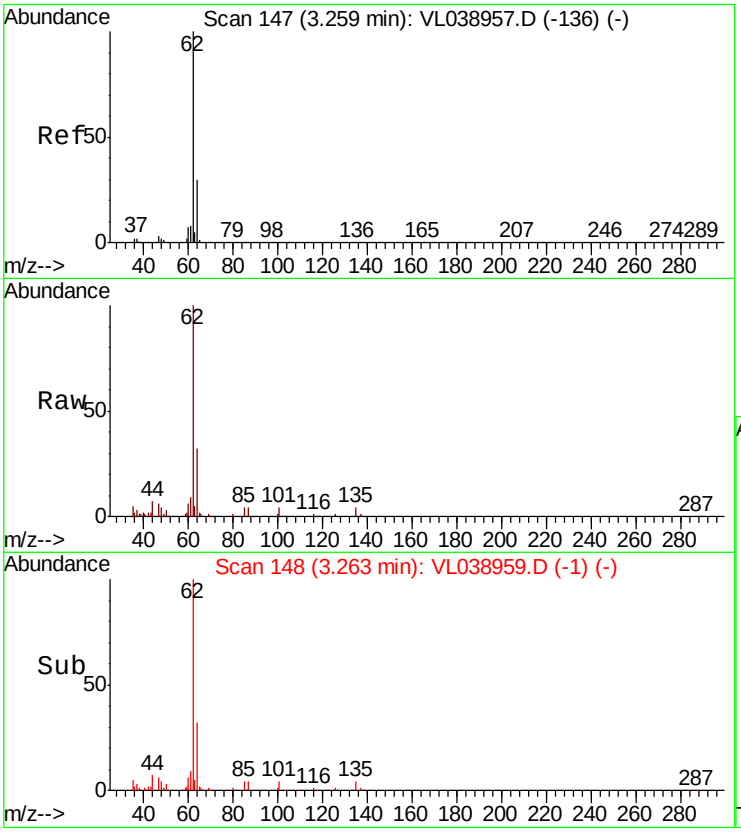


#4
Chloromethane
Concen: 0.953 ppbv
RT: 3.14 min Scan# 111
Delta R.T. 0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion: 50 Resp: 85448

Ion	Ratio	Lower	Upper
50	100		
52	34.3	27.3	40.9



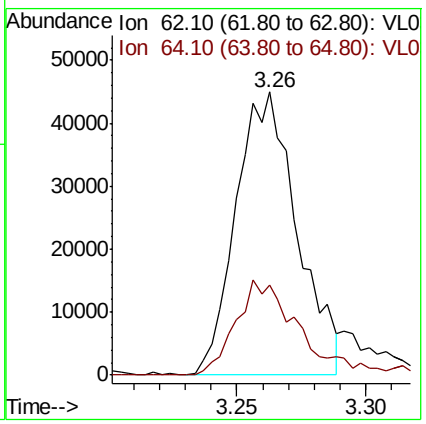


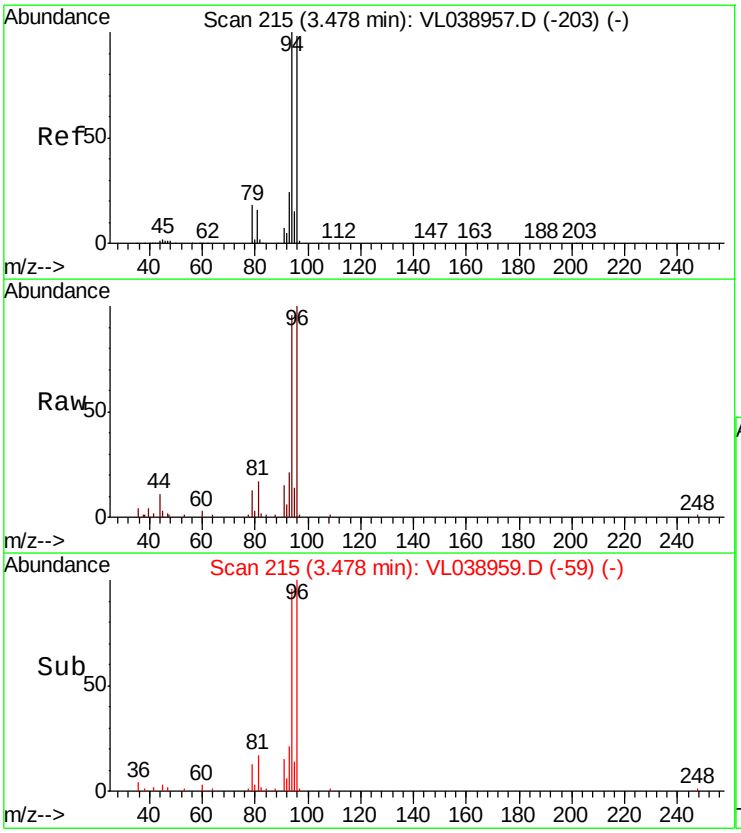
#5
Vinyl Chloride
Concen: 0.813 ppbv
RT: 3.26
Delta R.T
Lab File:
Acq: 5 May 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 62 Resp: 74548

Ion	Ratio	Lower	Upper
62	100		
64	31.3	24.2	36.4

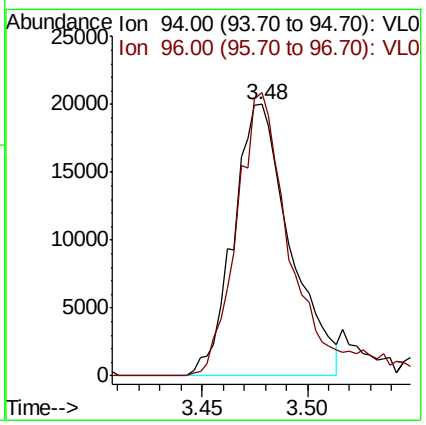


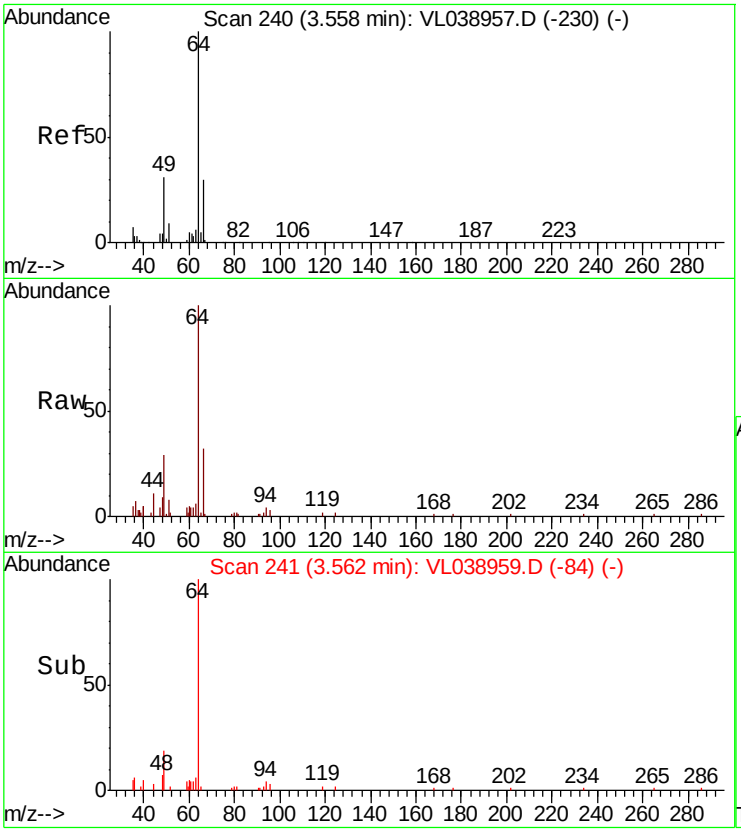


#6
Bromomethane
Concen: 0.765 ppbv
RT: 3.48 min Scan# 215
Delta R.T. 0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion: 94 Resp: 37408

Ion	Ratio	Lower	Upper
94	100		
96	104.2	78.1	117.1



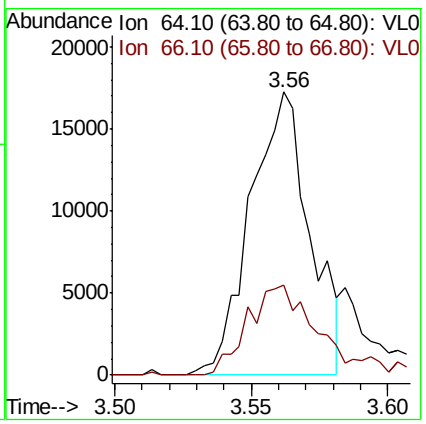


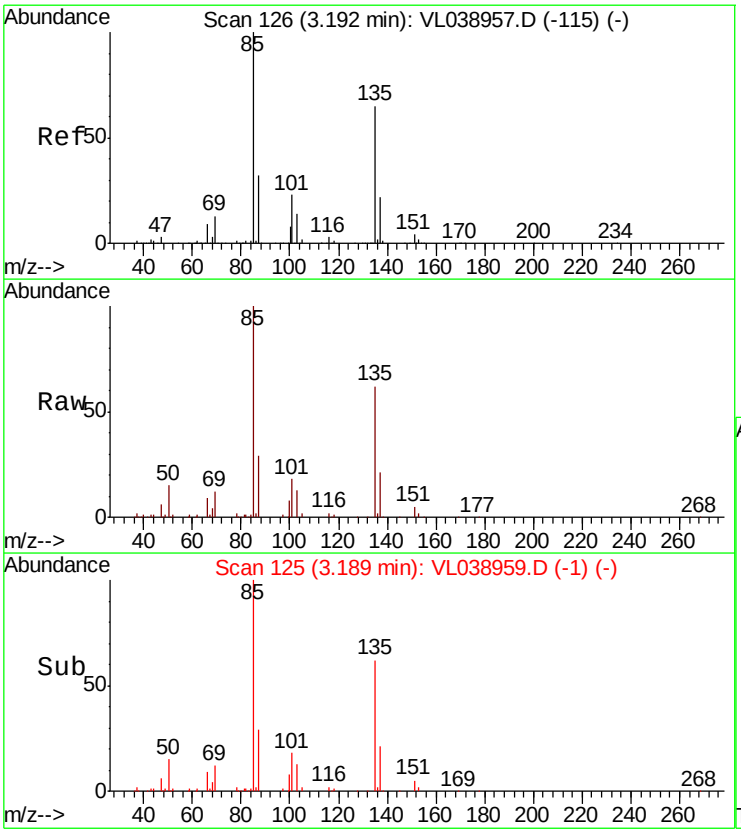
#7
Chloroethane
Concen: 0.834 ppbv
RT: 3.56
Delta R.T
Lab File:
Acq: 5 May 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 64 Resp: 26095

Ion	Ratio	Lower	Upper
64	100		
66	33.0	23.8	35.8

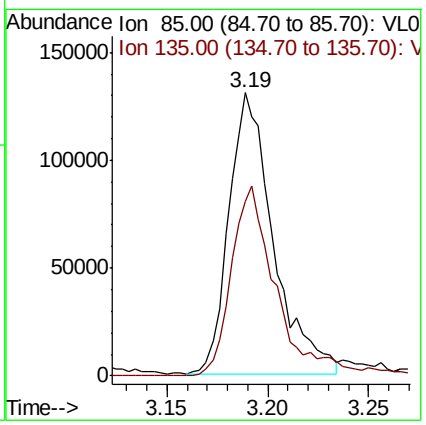


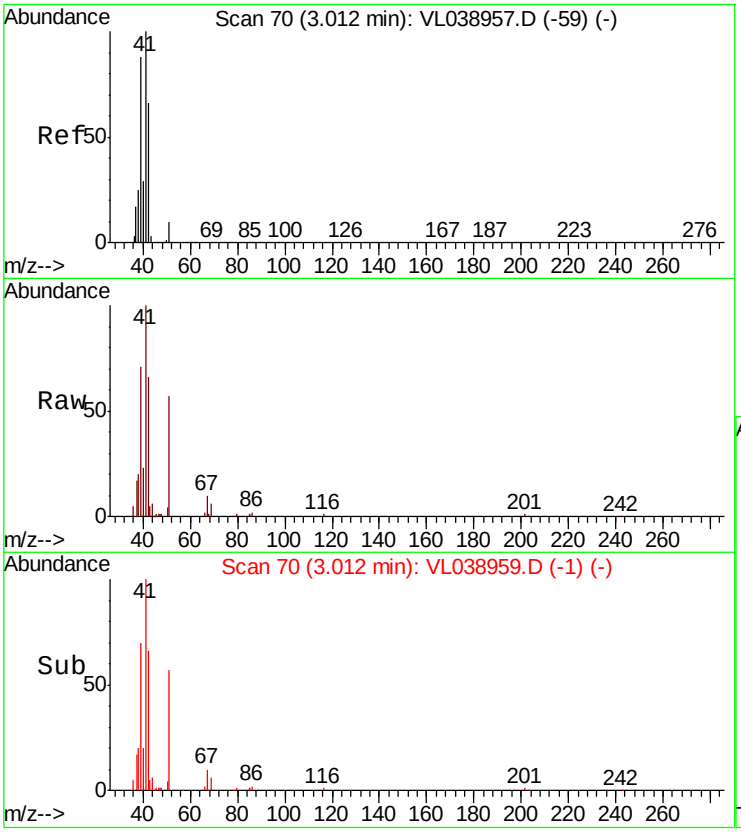


#8
Dichlorotetrafluoroethane
Concen: 0.960 ppbv
RT: 3.19 min Scan# 125
Delta R.T. -0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion: 85 Resp: 202236

Ion	Ratio	Lower	Upper
85	100		
135	69.5	53.6	80.4



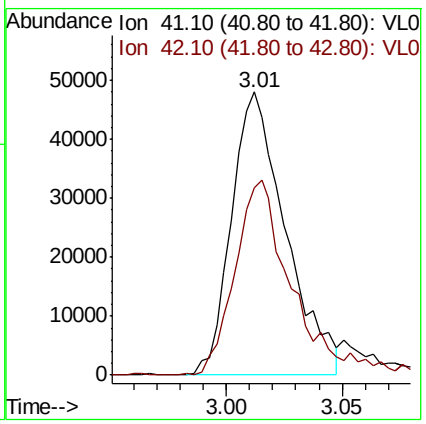


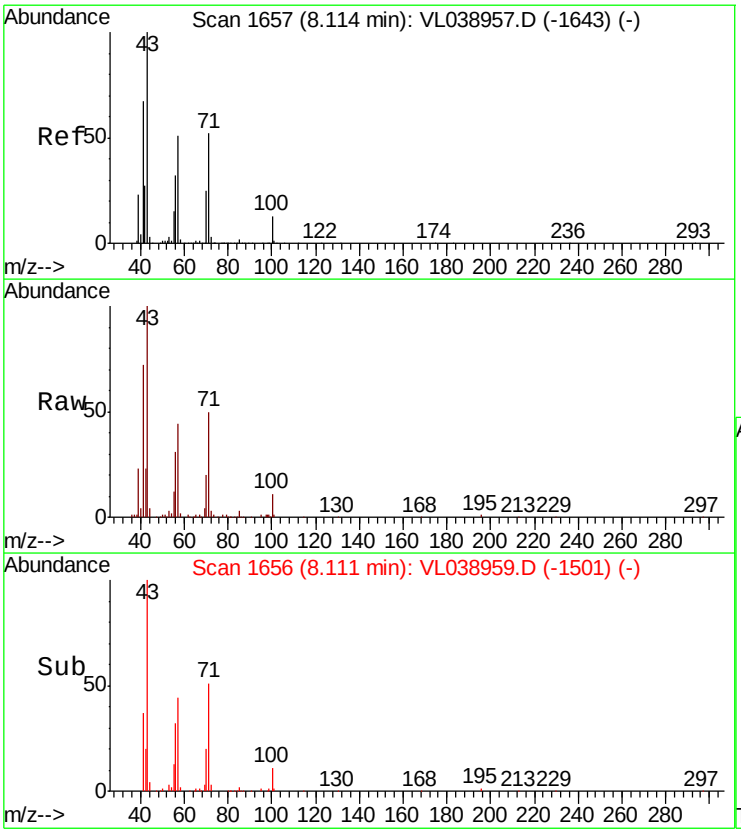
#9
Propene
Concen: 0.983 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 5 May 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 77811

Ion	Ratio	Lower	Upper
41	100		
42	74.9	58.3	87.5

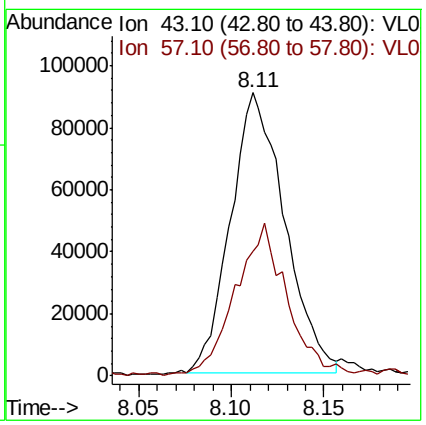


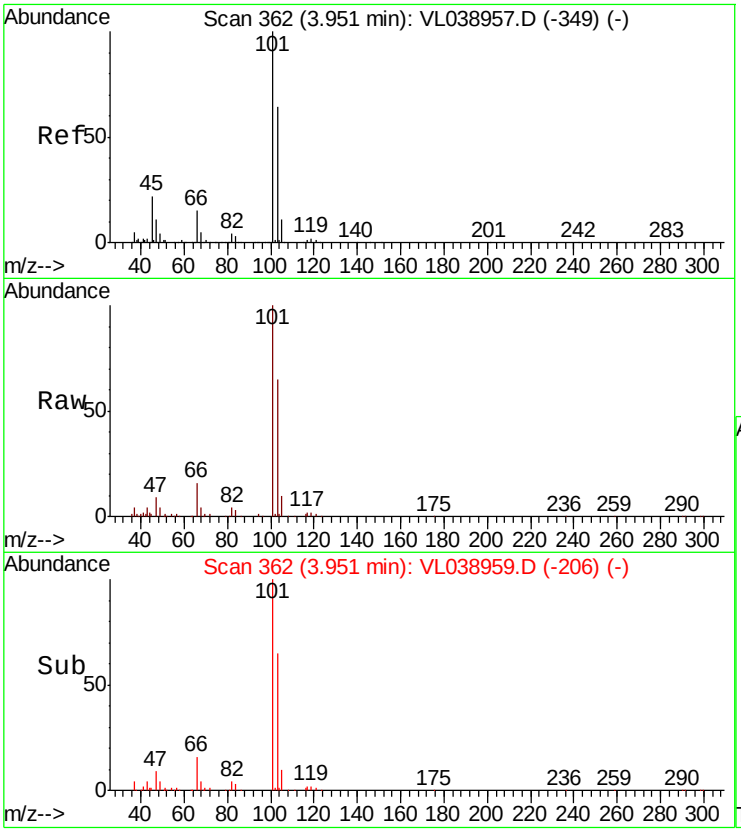


#10
Heptane
Concen: 0.904 ppbv
RT: 8.11 min Scan# 1656
Delta R.T. -0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion: 43 Resp: 183171

Ion	Ratio	Lower	Upper
43	100		
57	50.7	40.5	60.7



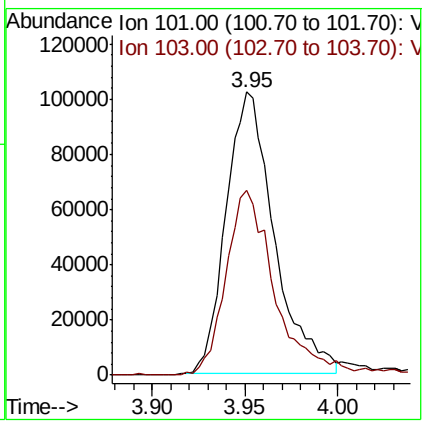


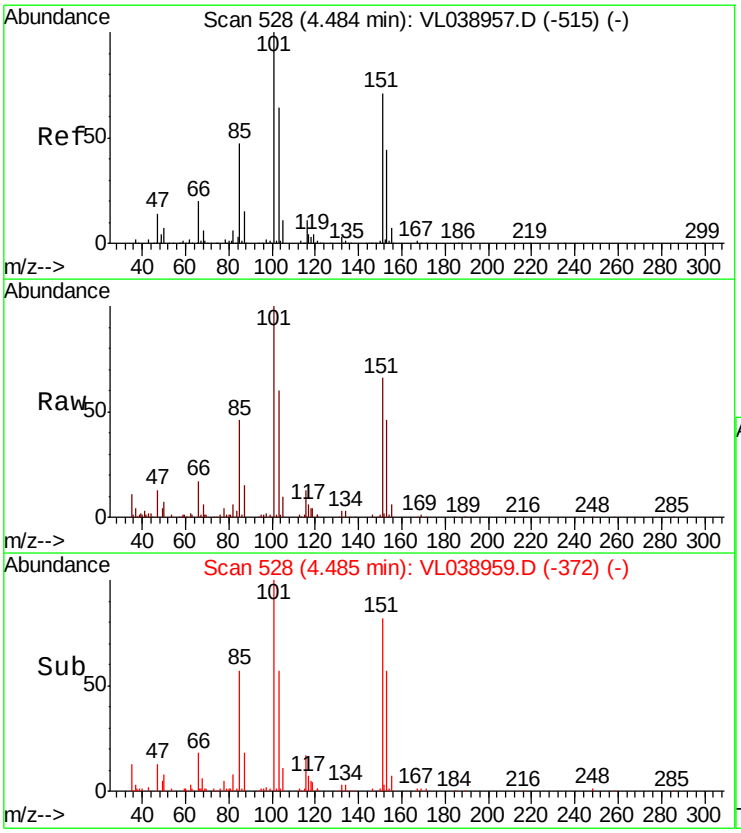
#11
Trichlorofluoromethane
Concen: 0.837 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 5 May 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 184607

Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.5	77.3

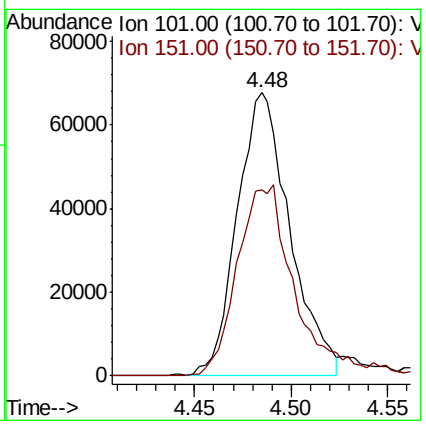


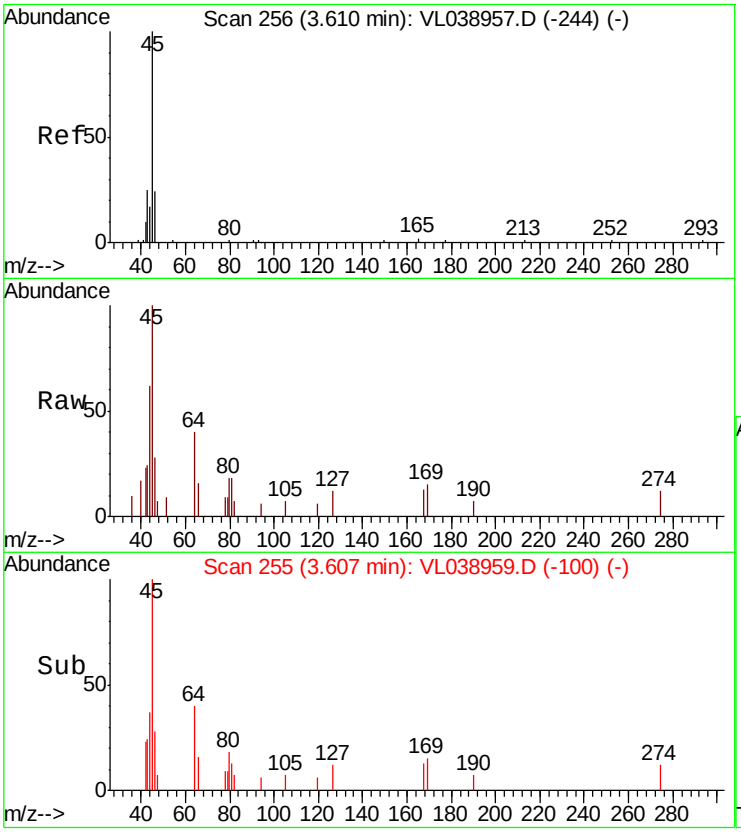


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.902 ppbv
RT: 4.48 min Scan# 528
Delta R.T. 0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion:101 Resp: 128560

Ion	Ratio	Lower	Upper
101	100		
151	74.4	55.4	83.0



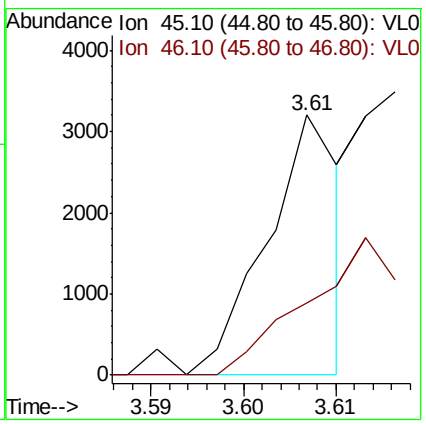


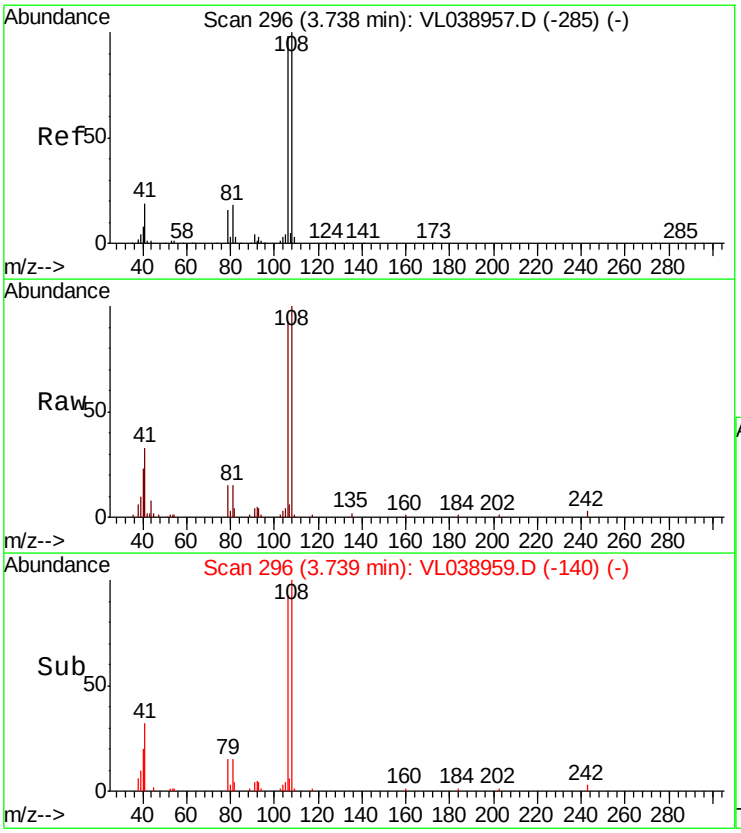
#13
Ethanol
Concen: 0.204 ppbv
RT: 3.61
Delta R.T
Lab File:
Acq: 5 May 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 1766

Ion	Ratio	Lower	Upper
45	100		
46	224.7	18.0	72.2#

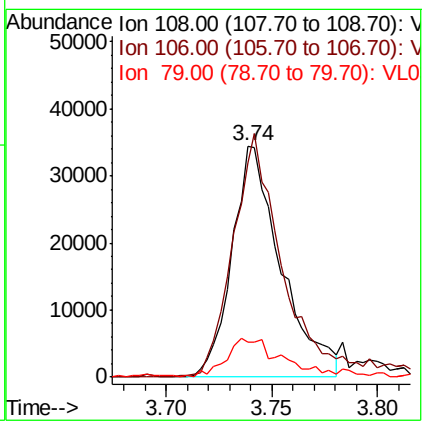


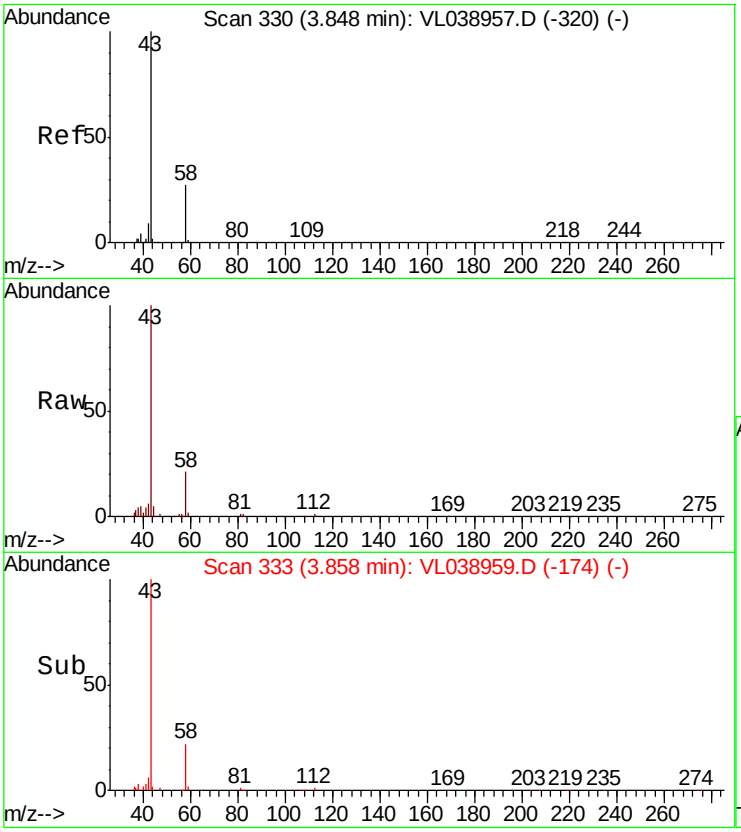


#14
Bromoethene
Concen: 0.943 ppbv
RT: 3.74 min Scan# 296
Delta R.T. 0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion:108 Resp: 55897

Ion	Ratio	Lower	Upper
108	100		
106	113.8	90.3	135.5
79	20.0	14.9	22.3



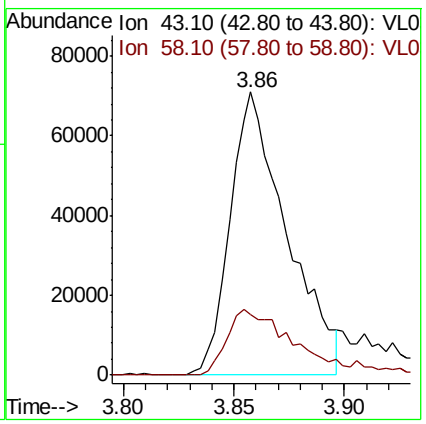


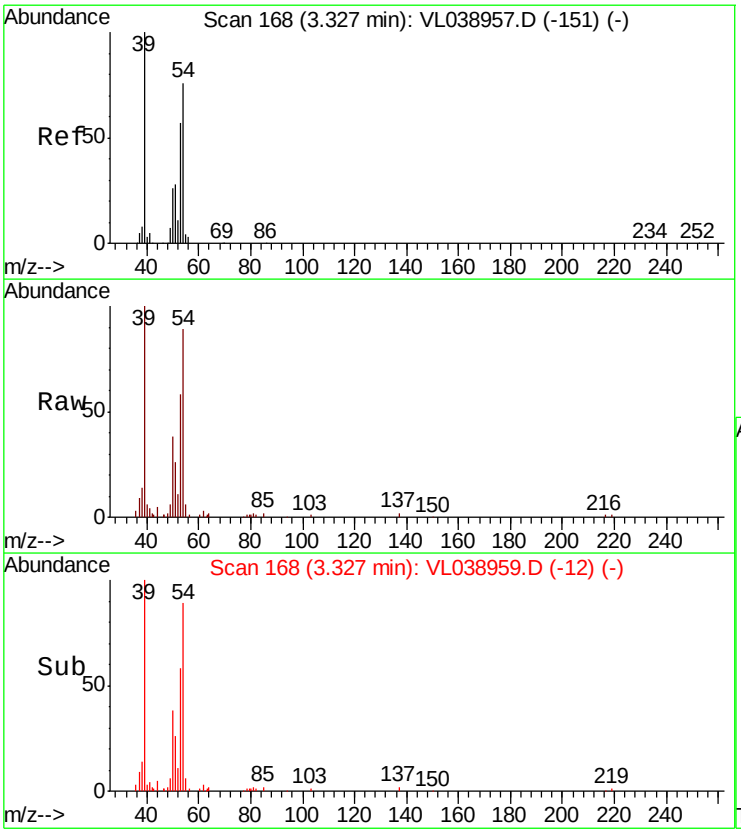
#15
Acetone
Concen: 0.934 ppbv
RT: 3.86
Delta R.T
Lab File:
Acq: 5 May 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 126420

Ion	Ratio	Lower	Upper
43	100		
58	29.5	21.3	31.9

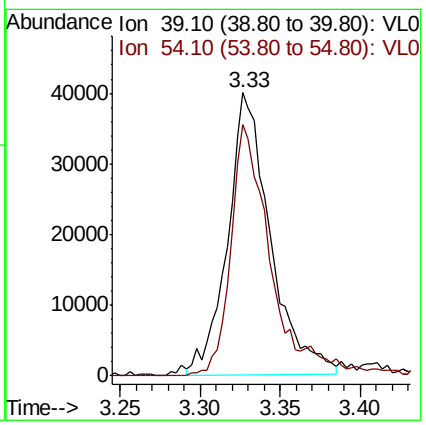


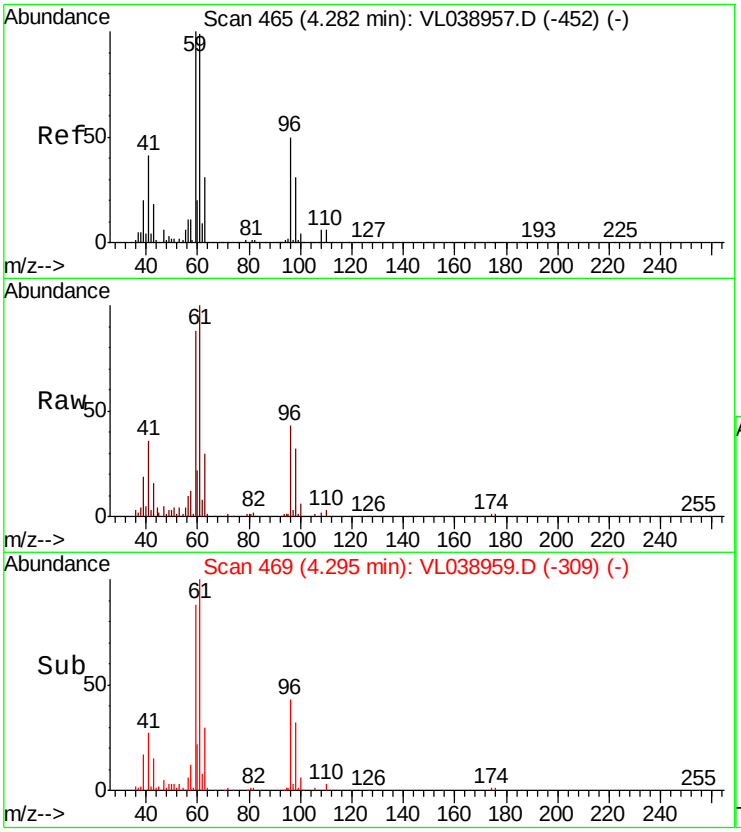


#16
1,3-Butadiene
Concen: 0.805 ppbv
RT: 3.33 min Scan# 168
Delta R.T. 0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion: 39 Resp: 72623

Ion	Ratio	Lower	Upper
39	100		
54	83.6	65.2	97.8



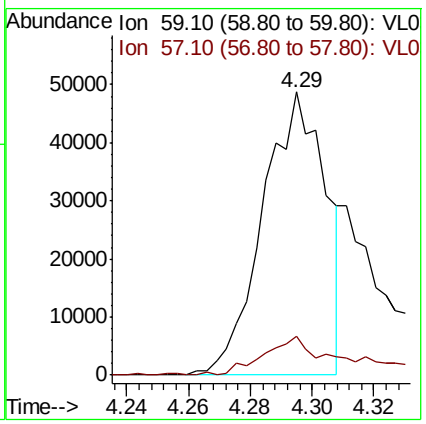


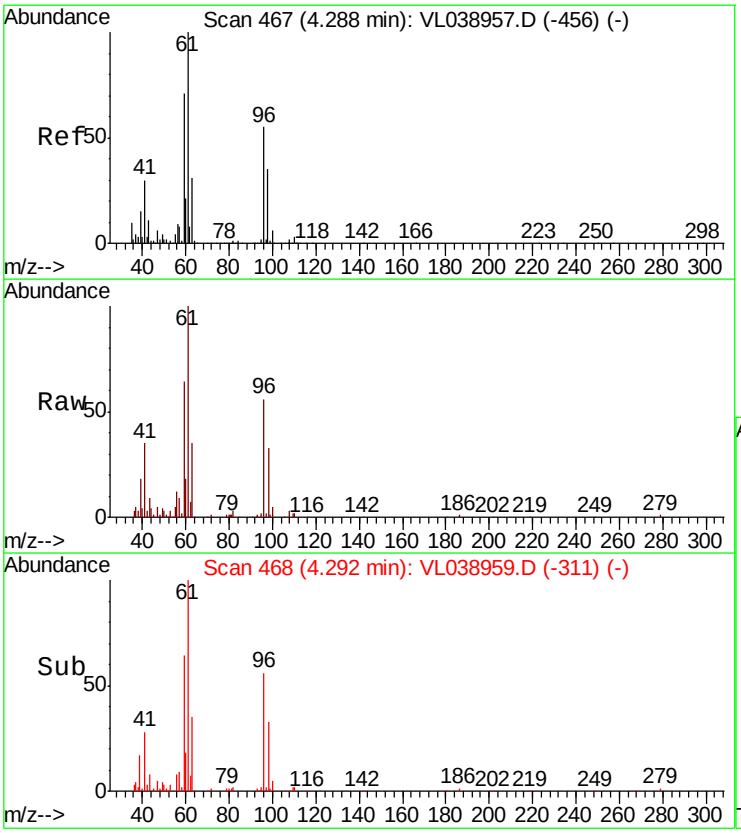
#17
tert-Butyl alcohol
Concen: 0.604 ppbv
RT: 4.29
Delta R.T
Lab File:
Acq: 5 May 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 59 Resp: 68812

Ion	Ratio	Lower	Upper
59	100		
57	19.8	9.2	13.8#

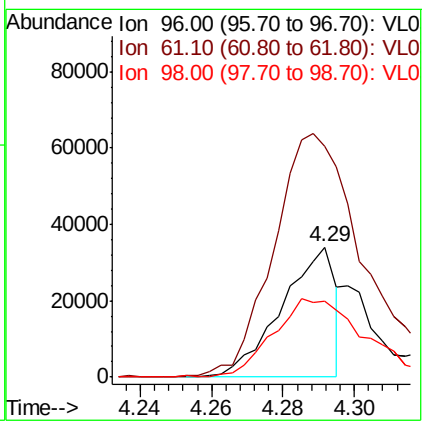


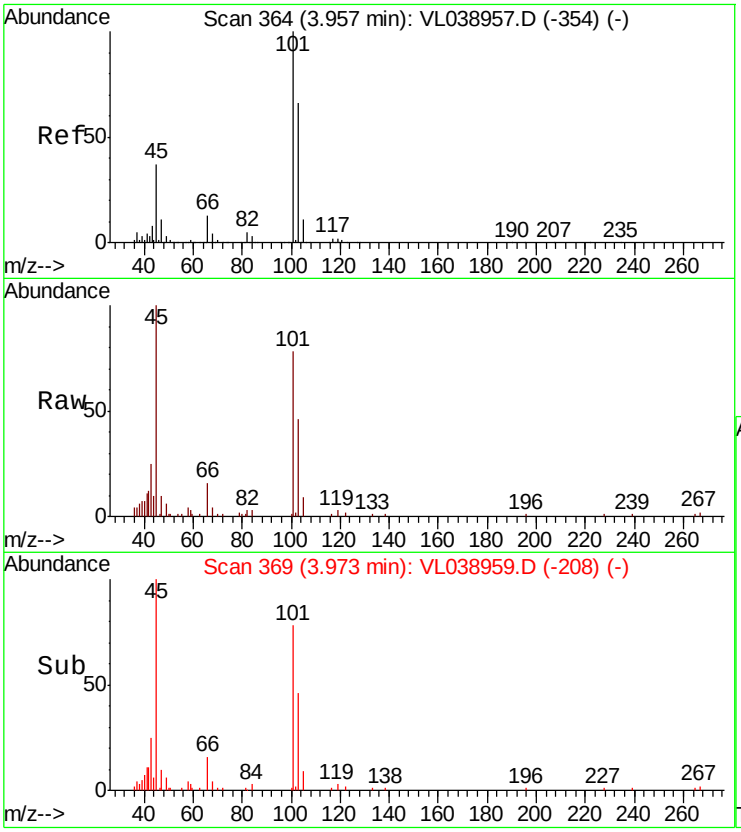


#18
1,1-Dichloroethene
Concen: 0.566 ppbv
RT: 4.29 min Scan# 468
Delta R.T. 0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion: 96 Resp: 35667

Ion	Ratio	Lower	Upper
96	100		
61	176.6	146.3	219.5
98	57.2	50.6	75.8



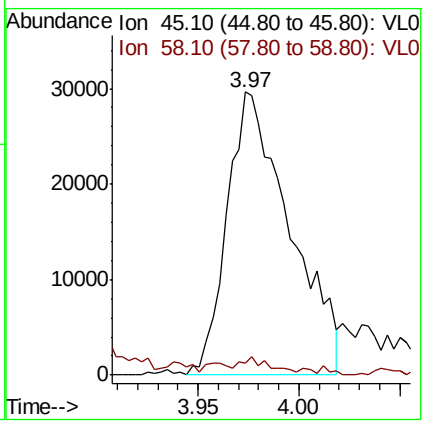


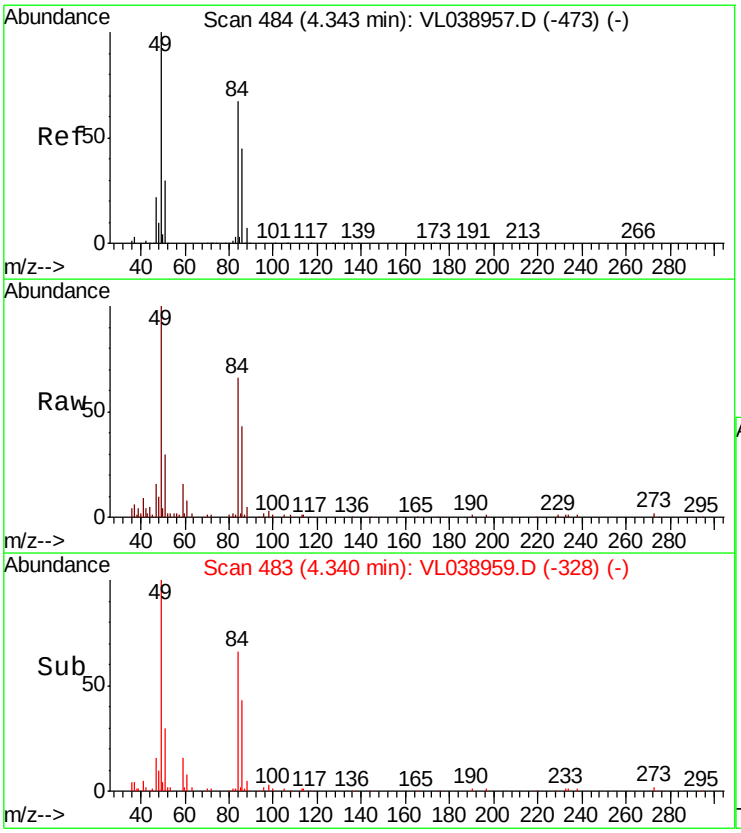
#19
Isopropyl Alcohol
Concen: 0.892 ppbv
RT: 3.97
Delta R.T
Lab File:
Acq: 5 May 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 64438

Ion	Ratio	Lower	Upper
45	100		
58	4.0	1.4	2.2#

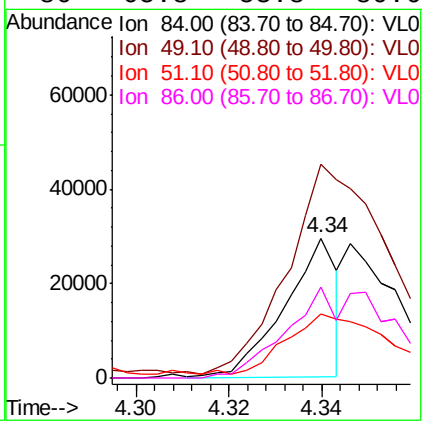


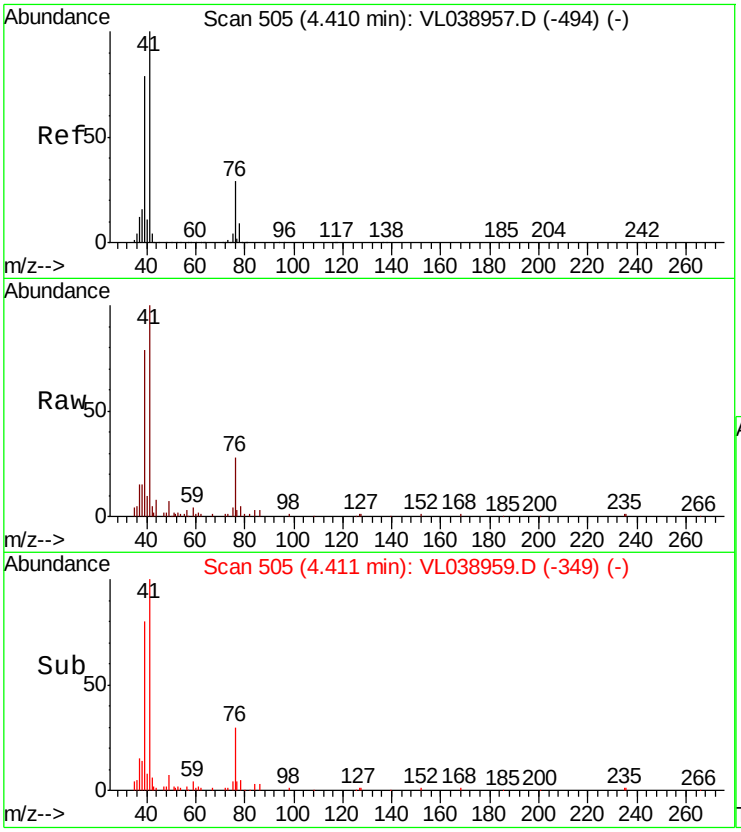


#20
Methylene Chloride
Concen: 0.378 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion: 84 Resp: 23041

Ion	Ratio	Lower	Upper
84	100		
49	149.9	119.9	179.9
51	42.6	35.7	53.5
86	65.8	53.8	80.6



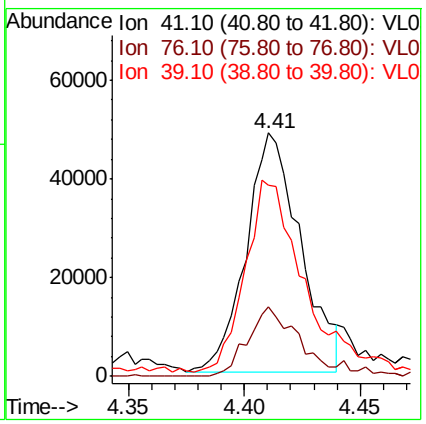


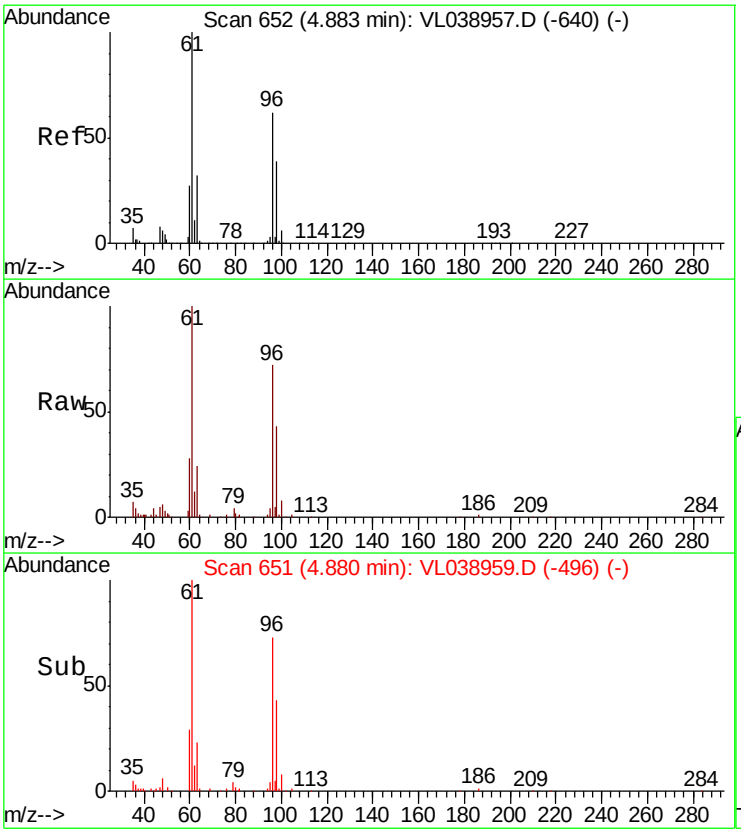
#21
Allvl Chloride
Concen: 0.762 ppbv
RT: 4.41
Delta R.T
Lab File:
Acq: 5 May 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 79042

Ion	Ratio	Lower	Upper
41	100		
76	30.0	24.2	36.4
39	95.2	63.8	95.8

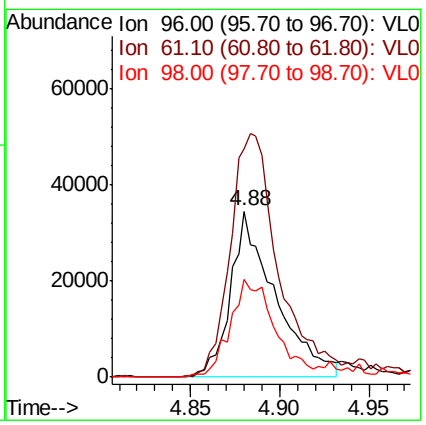


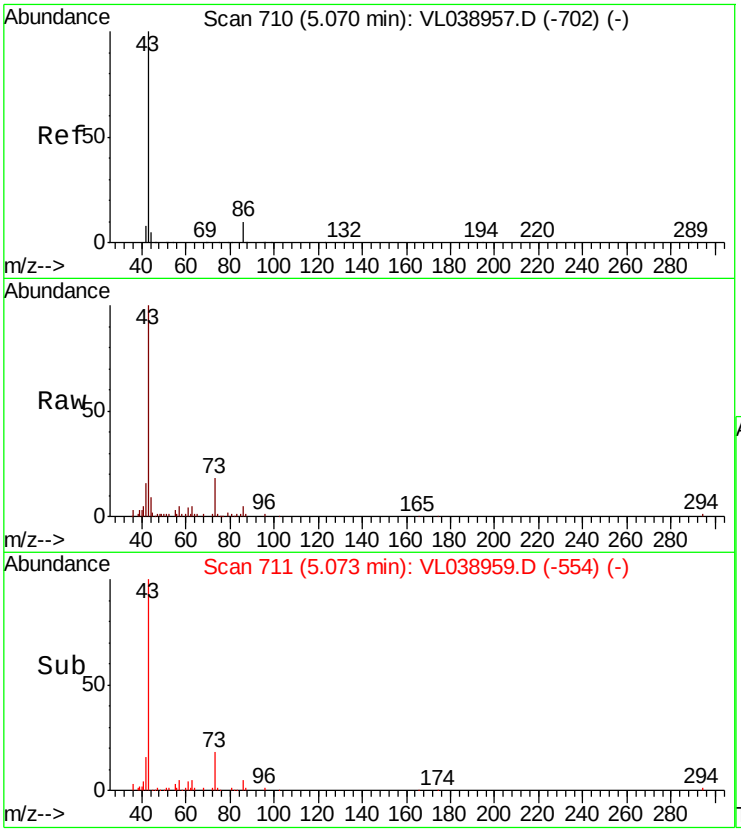


#22
trans-1,2-Dichloroethene
Concen: 1.003 ppbv
RT: 4.88 min Scan# 651
Delta R.T. -0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion: 96 Resp: 59889

Ion	Ratio	Lower	Upper
96	100		
61	137.2	128.2	192.2
98	59.0	50.1	75.1



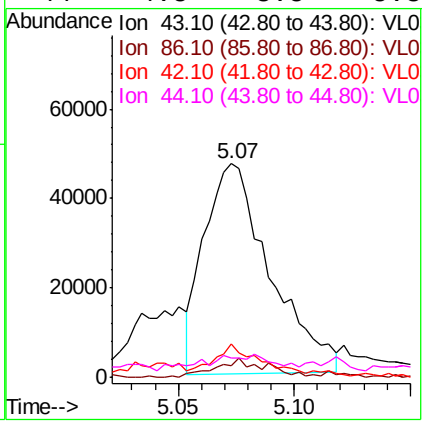


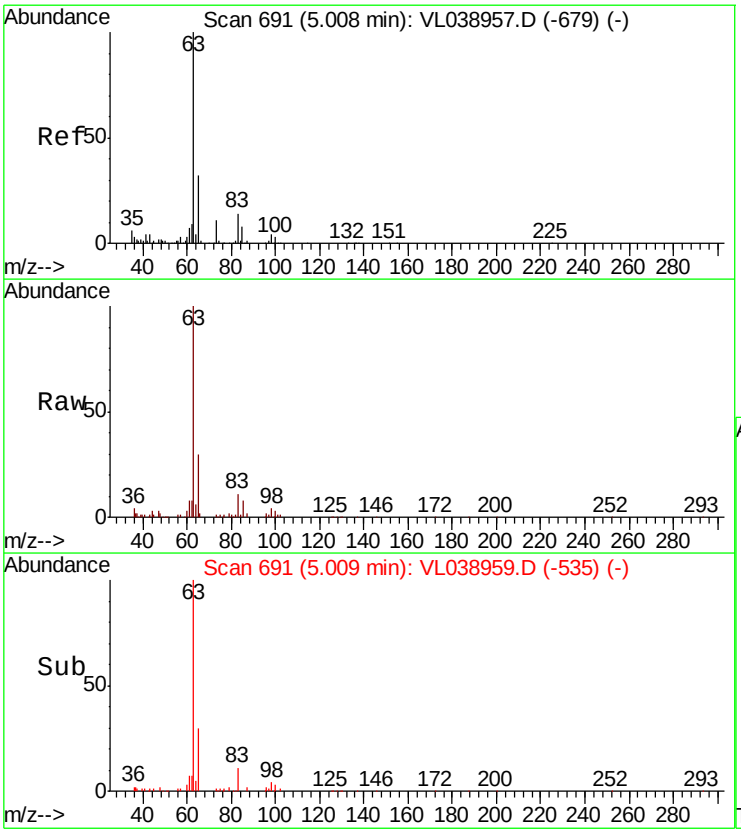
#23
Vinyl Acetate
Concen: 0.451 ppbv
RT: 5.07
Delta R.T
Lab File:
Acq: 5 May 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 92827

Ion	Ratio	Lower	Upper
43	100		
86	5.0	6.6	9.8#
42	15.5	8.1	12.1#
44	4.5	3.5	5.3

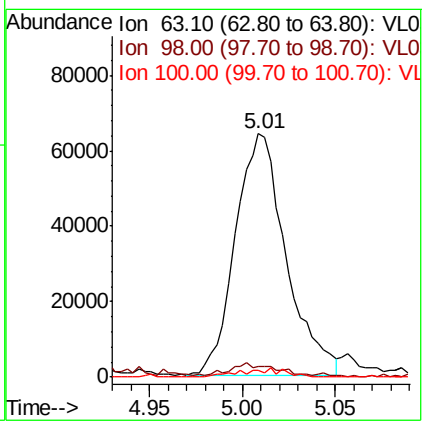


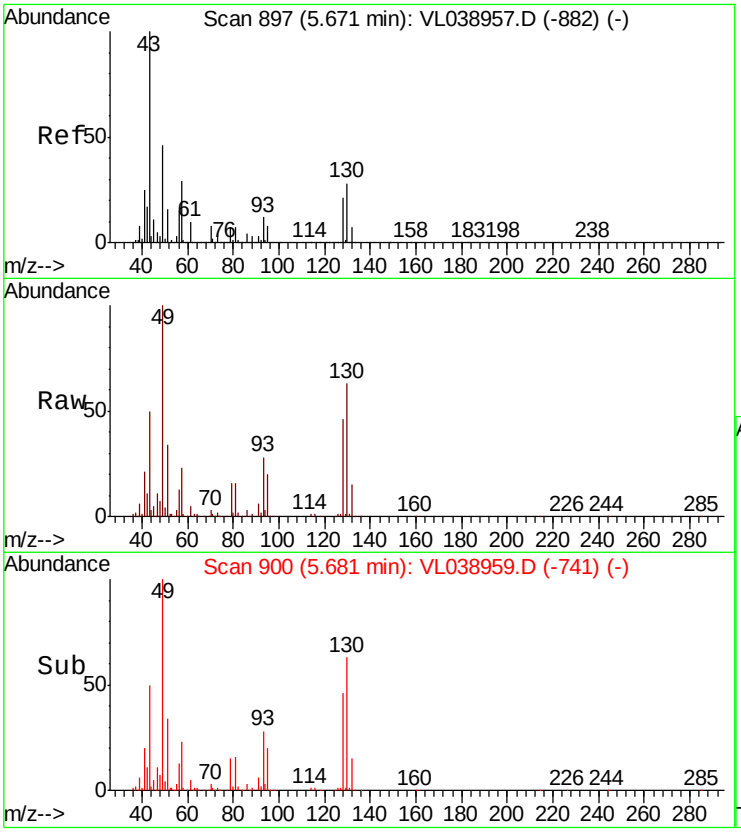


#24
1,1-Dichloroethane
Concen: 0.764 ppbv
RT: 5.01 min Scan# 691
Delta R.T. 0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion: 63 Resp: 120992

Ion	Ratio	Lower	Upper
63	100		
98	3.6	2.1	6.2
100	2.6	1.4	4.2



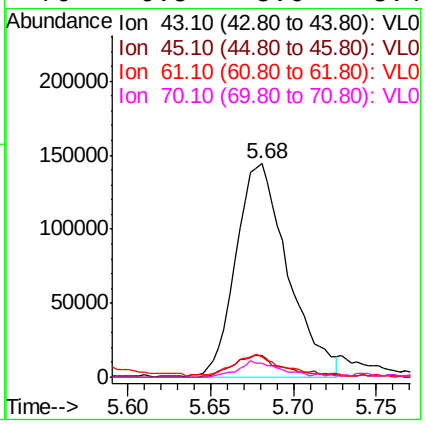


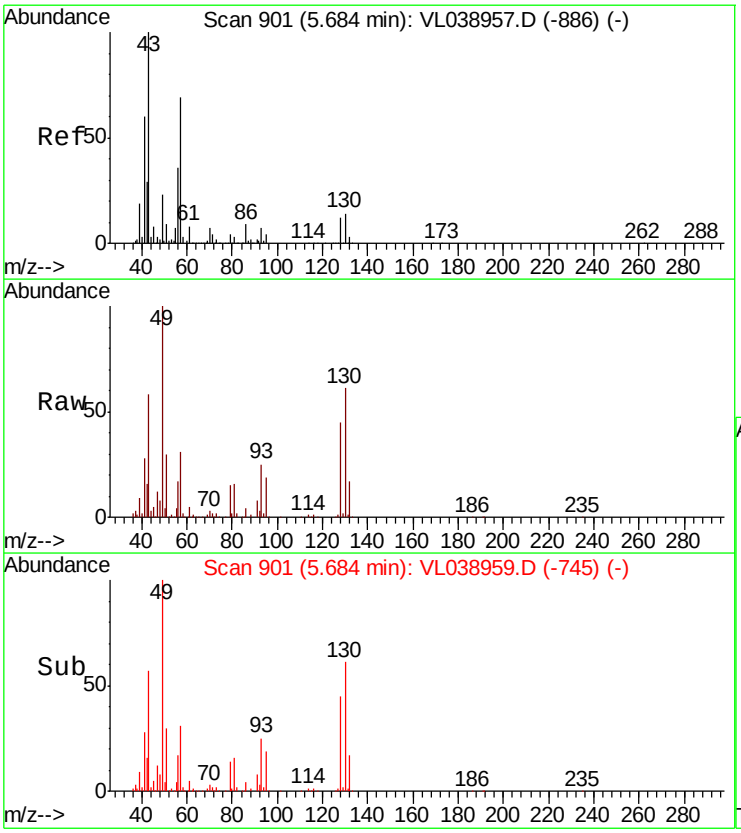
#25
Ethyl Acetate
Concen: 0.976 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 5 May 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 312923

Ion	Ratio	Lower	Upper
43	100		
45	11.0	8.1	12.1
61	9.2	7.8	11.6
70	6.5	5.6	8.4

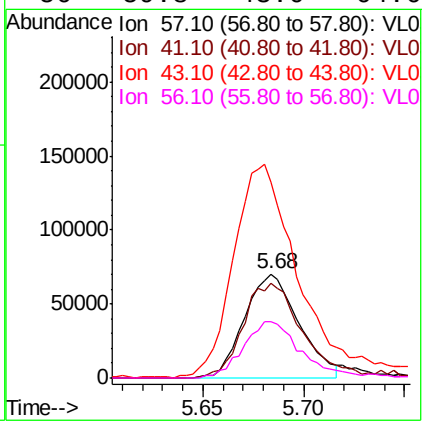


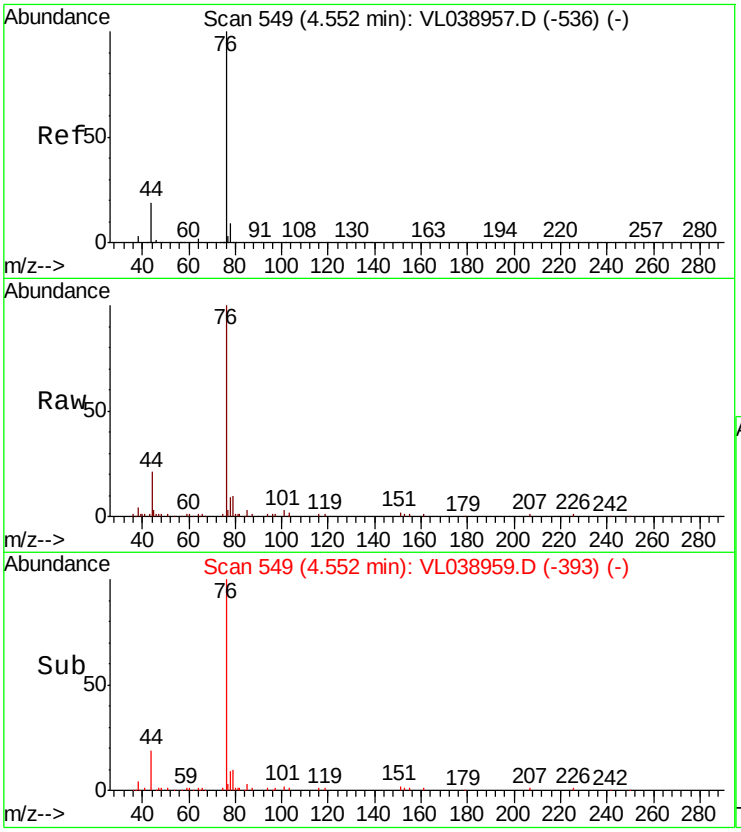


#26
Hexane
Concen: 0.907 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion: 57 Resp: 132492

Ion	Ratio	Lower	Upper
57	100		
41	104.5	75.2	112.8
43	254.4	190.8	286.2
56	59.8	43.0	64.6



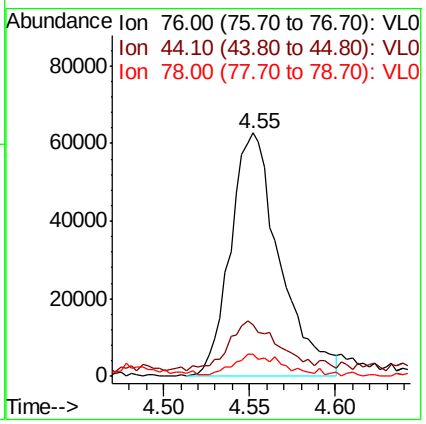


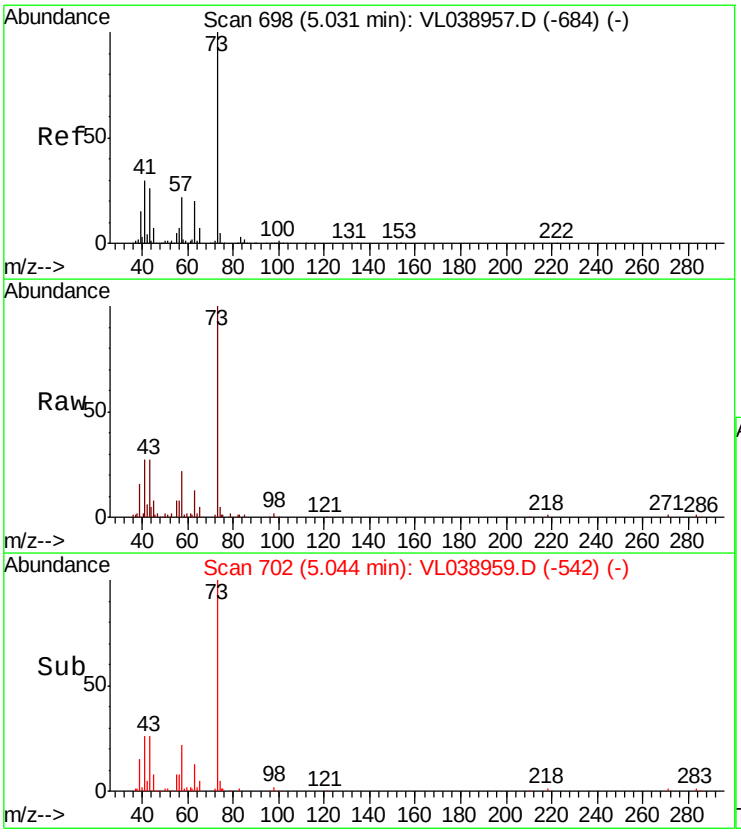
#27
Carbon Disulfide
Concen: 0.864 ppbv
RT: 4.55
Delta R.T
Lab File:
Acq: 5 May 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 76 Resp: 124464

Ion	Ratio	Lower	Upper
76	100		
44	22.8	15.3	22.9
78	10.2	8.2	12.2

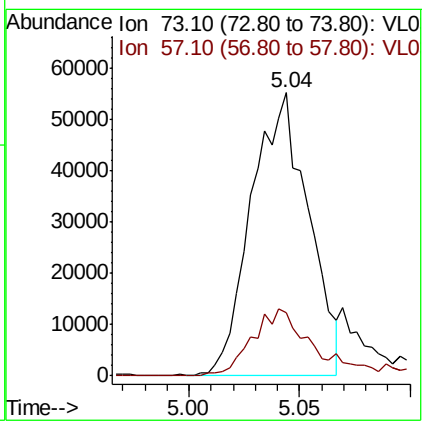


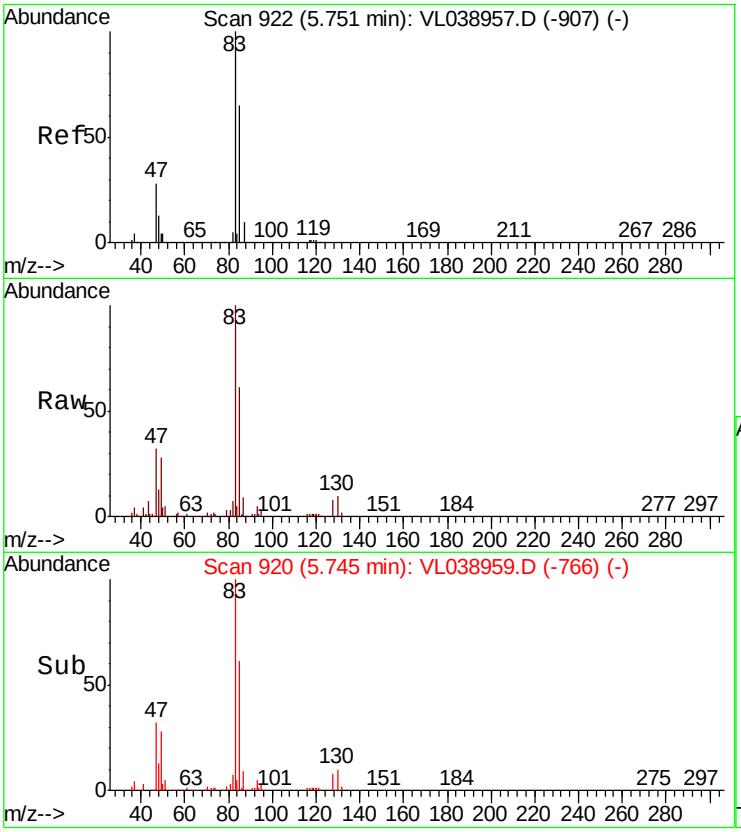


#28
Methyl tert-Butyl Ether
Concen: 0.616 ppbv
RT: 5.04 min Scan# 702
Delta R.T. 0.01 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion: 73 Resp: 99347

Ion	Ratio	Lower	Upper
73	100		
57	27.1	18.8	28.2



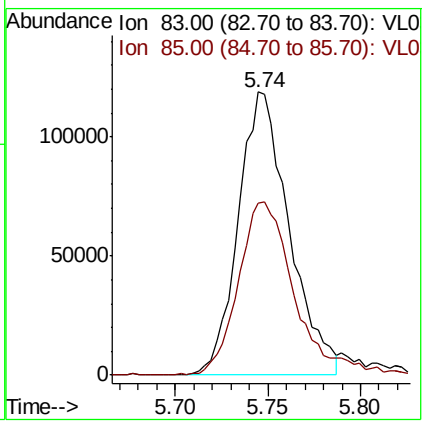


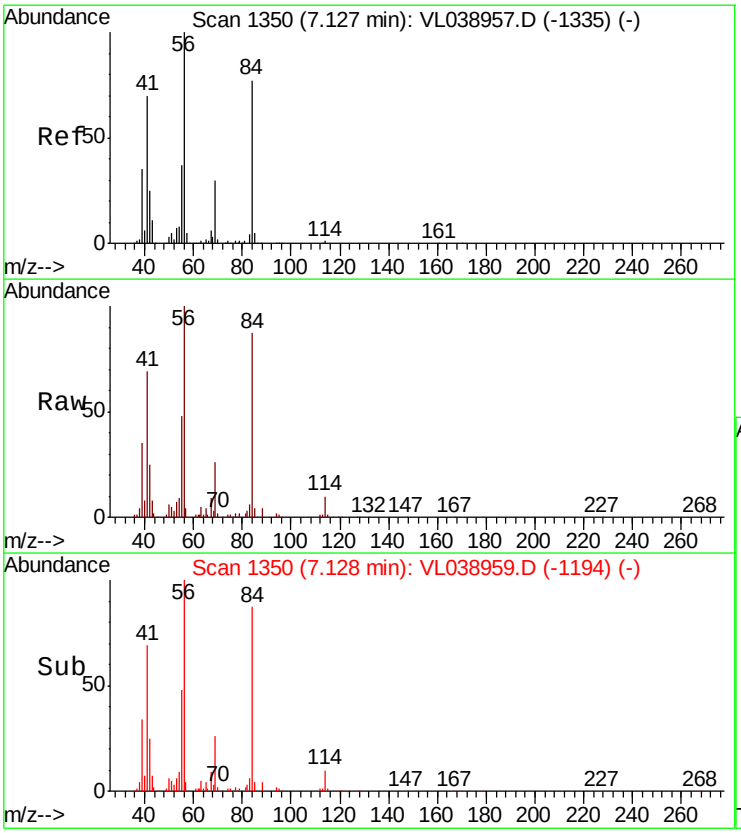
#29
Chloroform
Concen: 0.959 ppbv
RT: 5.74
Delta R.T
Lab File:
Acq: 5 May 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 227670

Ion	Ratio	Lower	Upper
83	100		
85	60.5	51.8	77.6

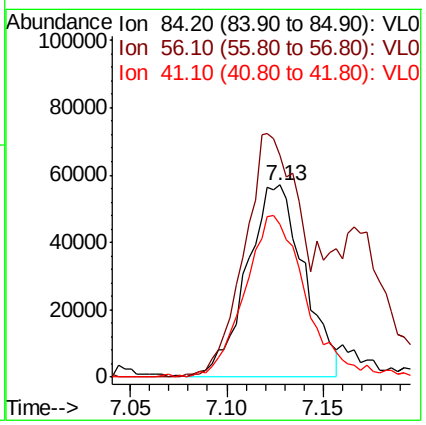


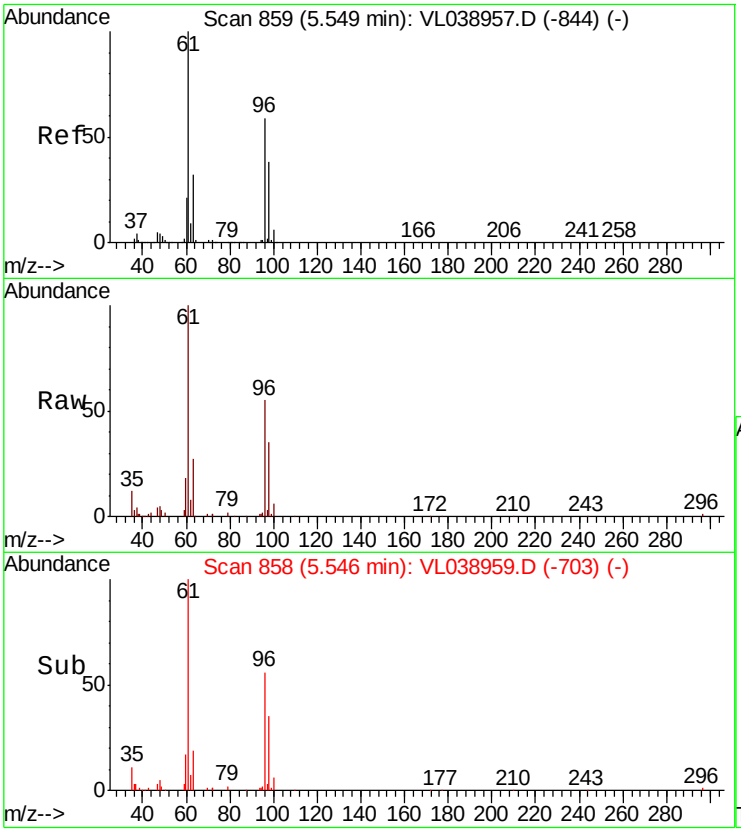


#30
Cyclohexane
Concen: 0.994 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion: 84 Resp: 117640

Ion	Ratio	Lower	Upper
84	100		
56	210.3	115.3	172.9#
41	91.1	72.0	108.0



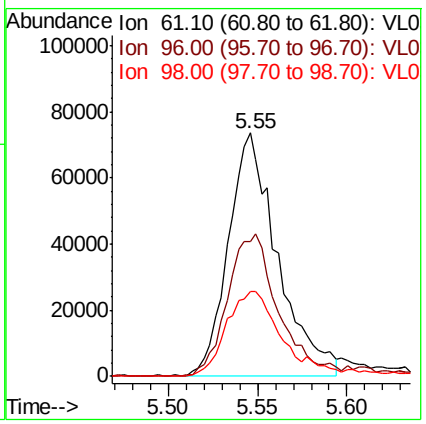


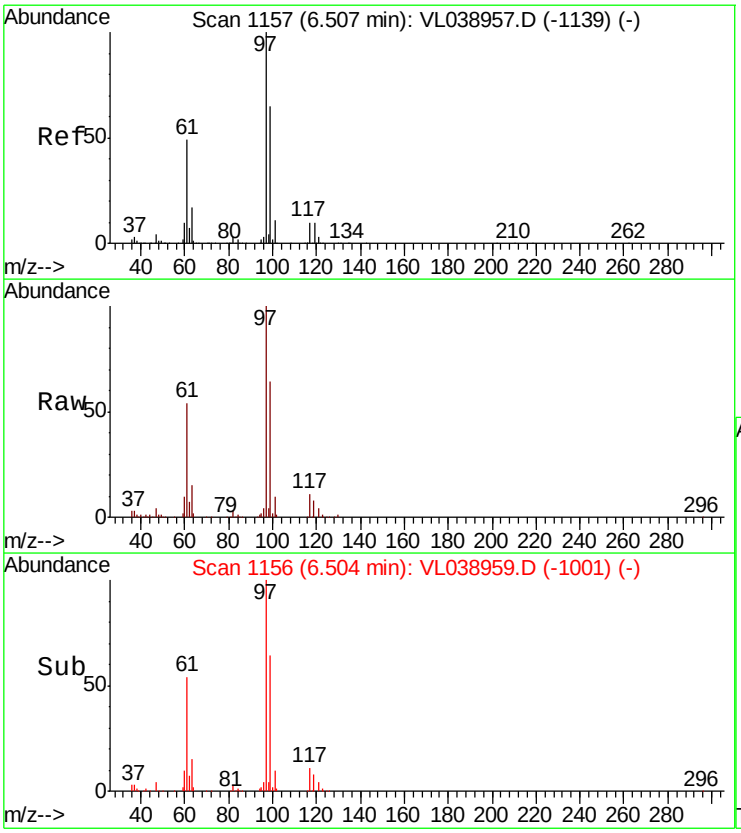
#31
cis-1,2-Dichloroethene
Concen: 0.994 ppbv
RT: 5.55
Delta R.T
Lab File:
Acq: 5 May 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 61 Resp: 141847

Ion	Ratio	Lower	Upper
61	100		
96	54.9	47.4	71.0
98	34.2	30.6	45.8

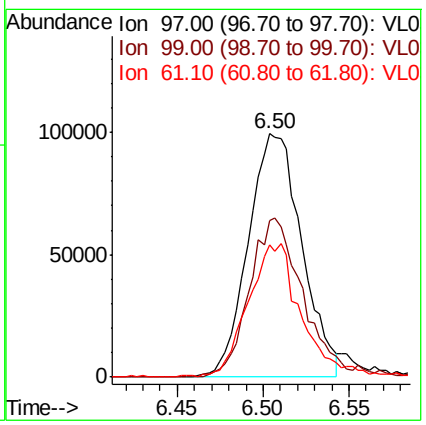


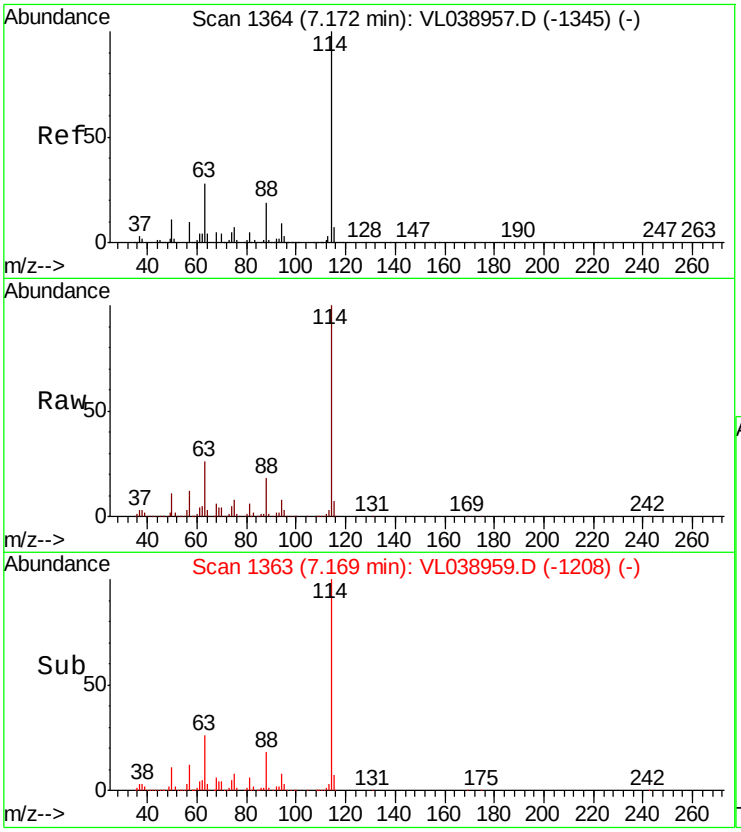


#32
1,1,1-Trichloroethane
Concen: 0.898 ppbv
RT: 6.50 min Scan# 1156
Delta R.T. -0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion: 97 Resp: 214670

Ion	Ratio	Lower	Upper
97	100		
99	66.9	51.9	77.9
61	55.3	40.9	61.3



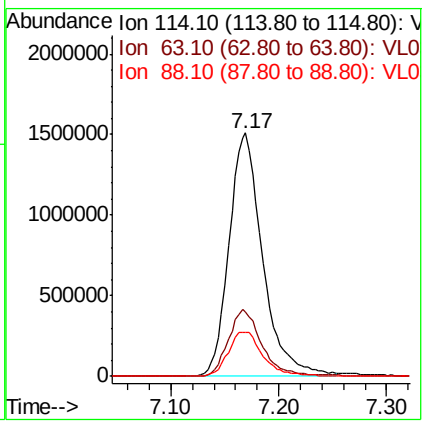


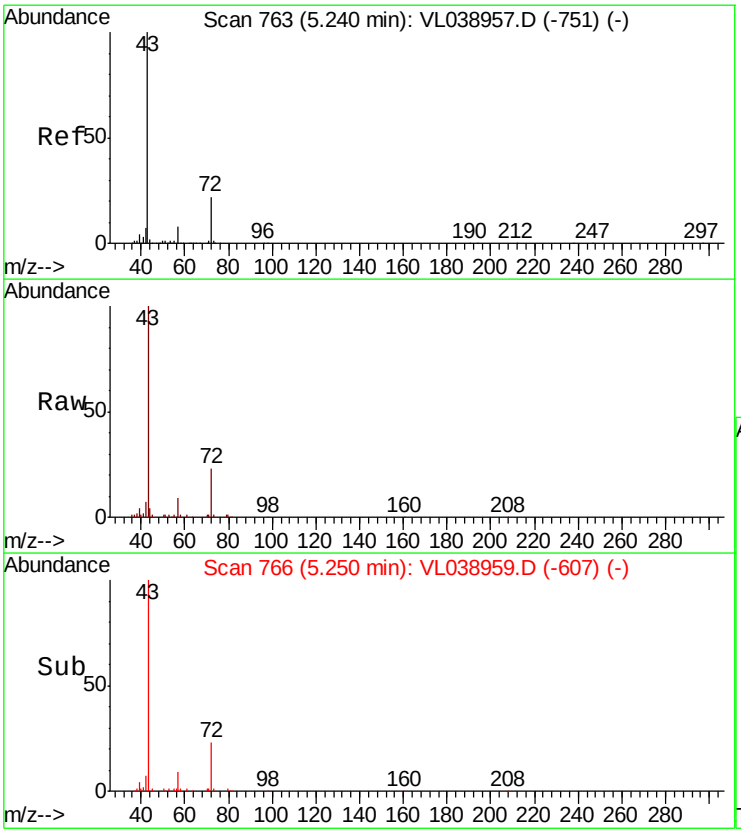
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 5 May 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 3277609

Ion	Ratio	Lower	Upper
114	100		
63	28.0	22.6	33.8
88	19.2	15.4	23.0

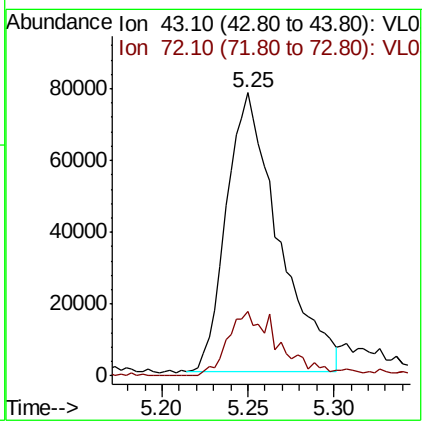


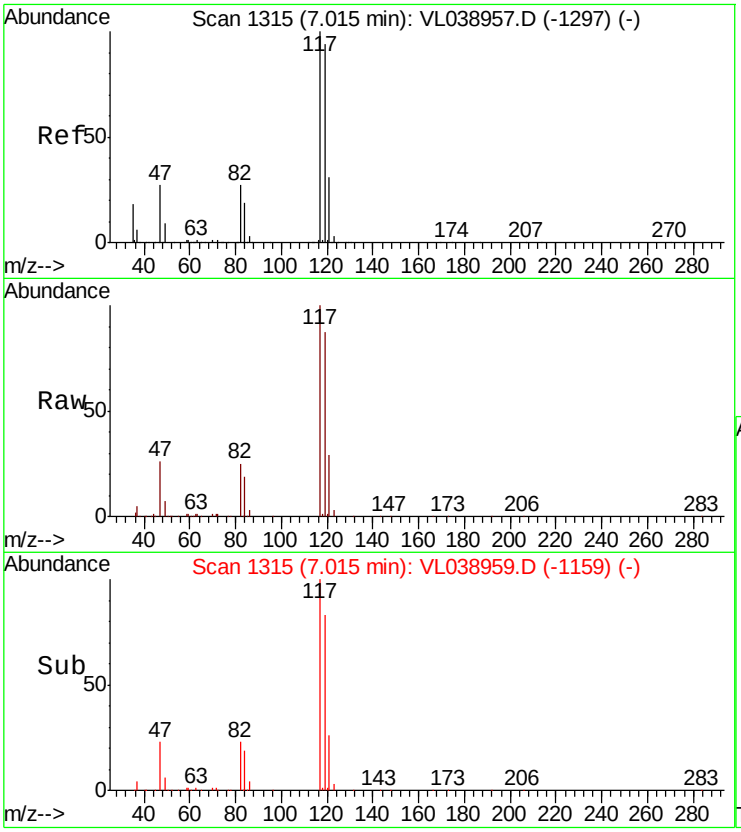


#34
2-Butanone
Concen: 1.010 ppbv
RT: 5.25 min Scan# 766
Delta R.T. 0.01 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion: 43 Resp: 164387

Ion	Ratio	Lower	Upper
43	100		
72	24.9	17.8	26.6



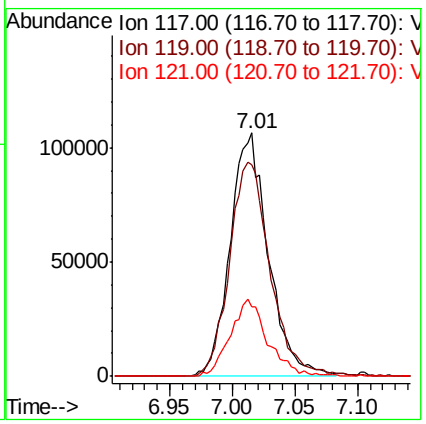


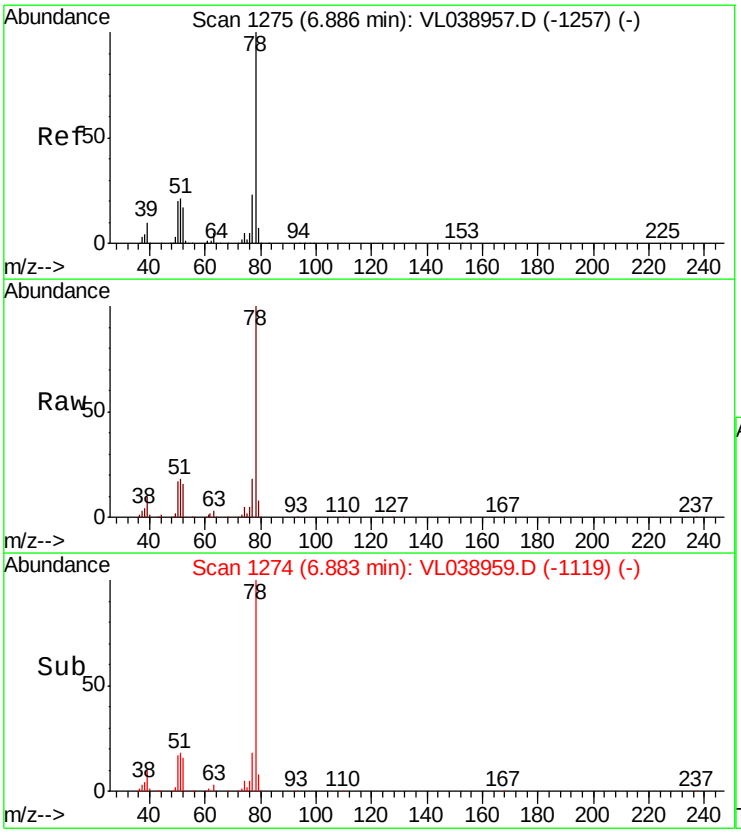
#35
Carbon Tetrachloride
Concen: 0.898 ppbv
RT: 7.01
Delta R.T
Lab File:
Acq: 5 May 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 225792

Ion	Ratio	Lower	Upper
117	100		
119	86.9	75.2	112.8
121	28.4	24.6	37.0

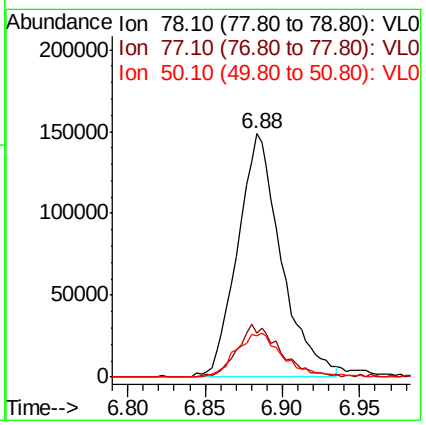


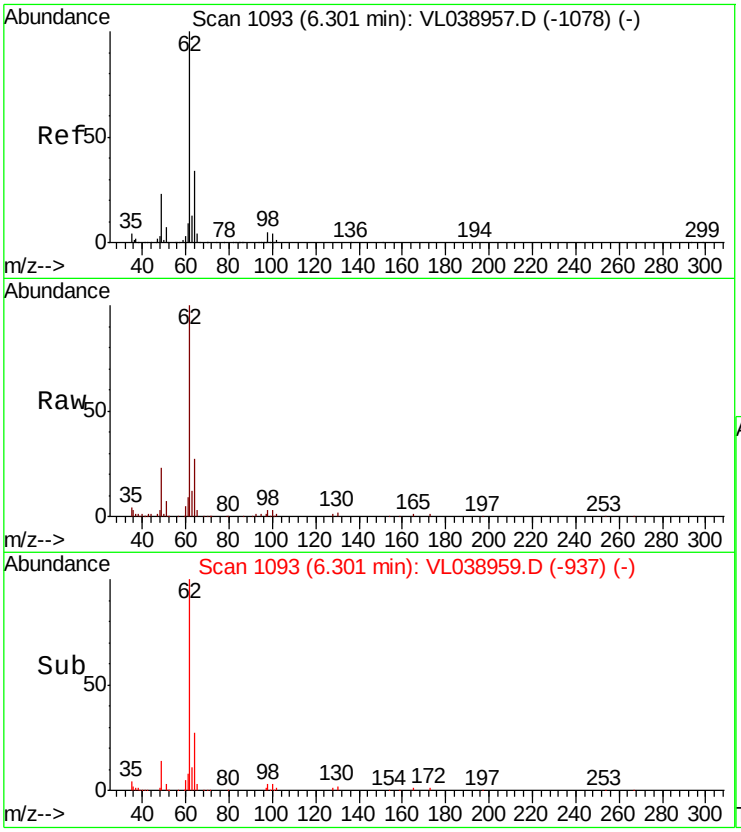


#36
Benzene
Concen: 0.976 ppbv
RT: 6.88 min Scan# 1274
Delta R.T. -0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion: 78 Resp: 291986

Ion	Ratio	Lower	Upper
78	100		
77	18.0	18.6	28.0#
50	17.2	15.6	23.4



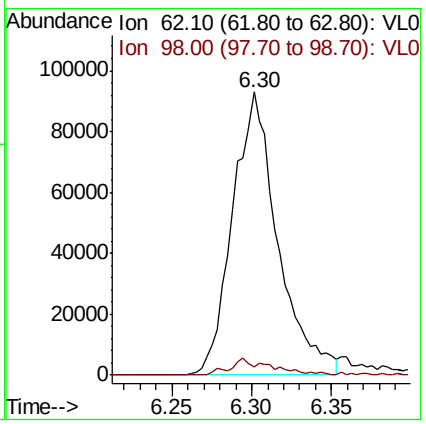


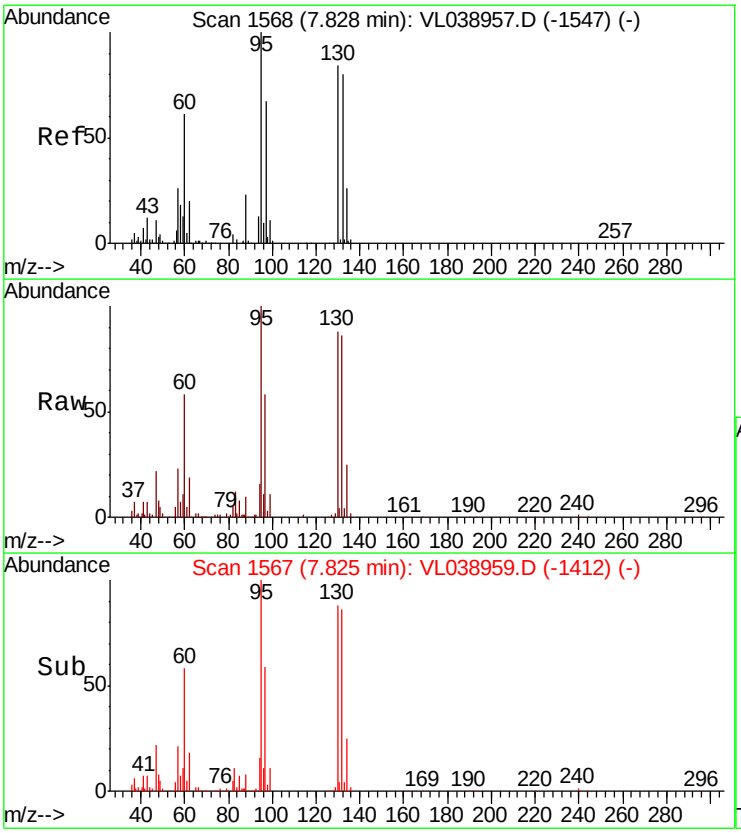
#37
1,2-Dichloroethane
Concen: 1.003 ppbv
RT: 6.30
Delta R.T
Lab File:
Acq: 5 May 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 62 Resp: 179489

Ion	Ratio	Lower	Upper
62	100		
98	5.5	4.5	6.7

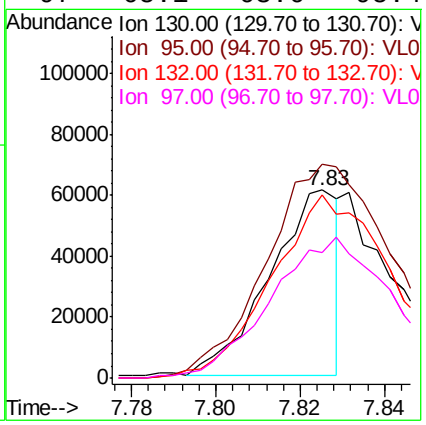


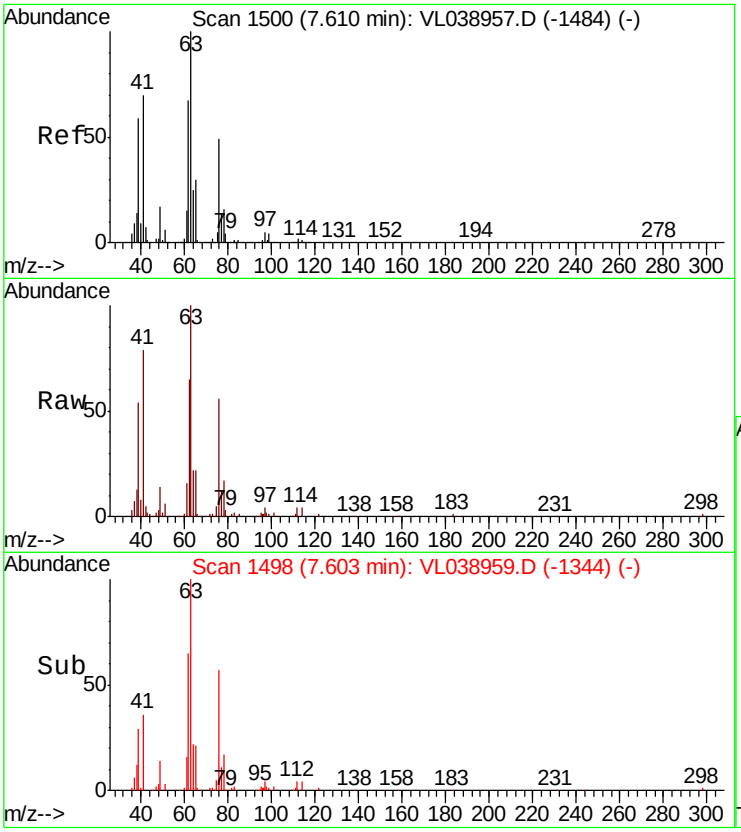


#38
Trichloroethene
Concen: 0.572 ppbv
RT: 7.83 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion:130 Resp: 68468

Ion	Ratio	Lower	Upper
130	100		
95	111.0	94.8	142.2
132	95.3	75.8	113.8
97	65.1	63.6	95.4



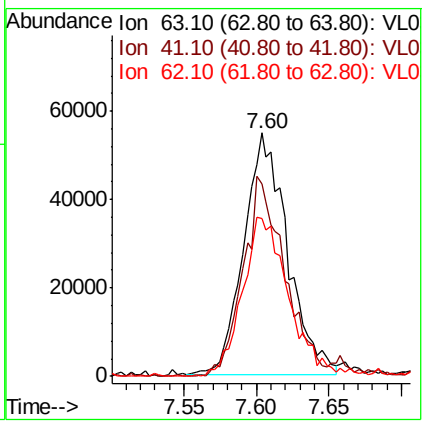


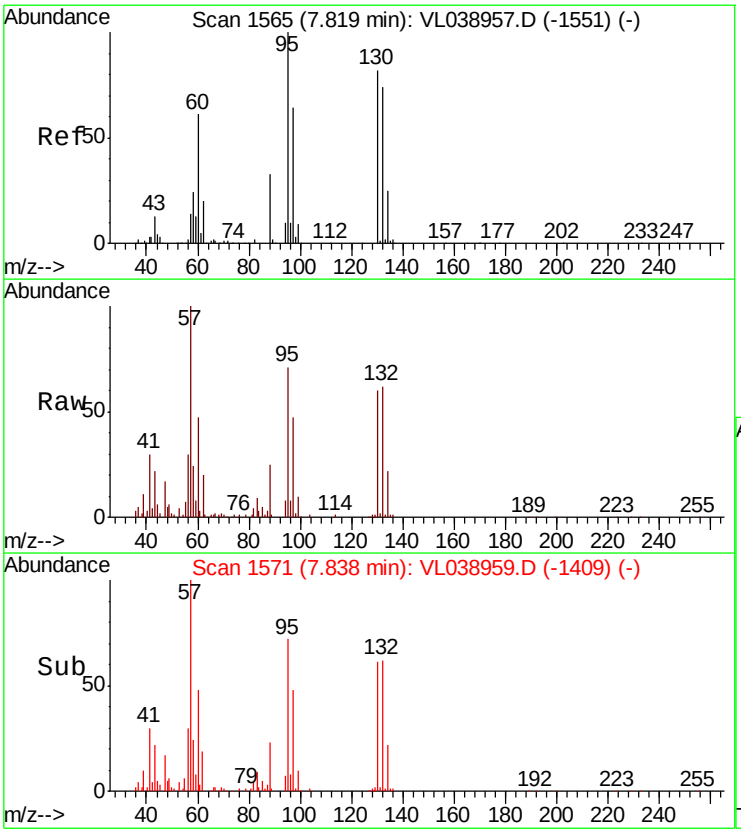
#39
1,2-Dichloropropane
Concen: 0.949 ppbv
RT: 7.60
Delta R.T
Lab File:
Acq: 5 May 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 114931

Ion	Ratio	Lower	Upper
63	100		
41	79.3	55.9	83.9
62	64.8	53.8	80.6

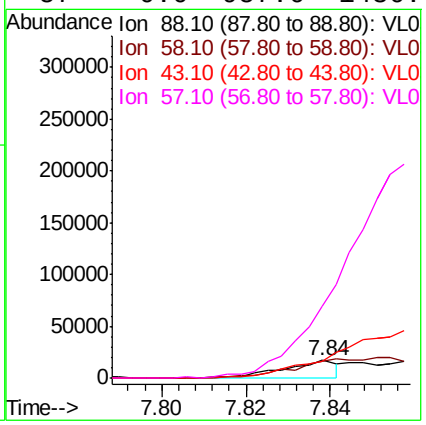


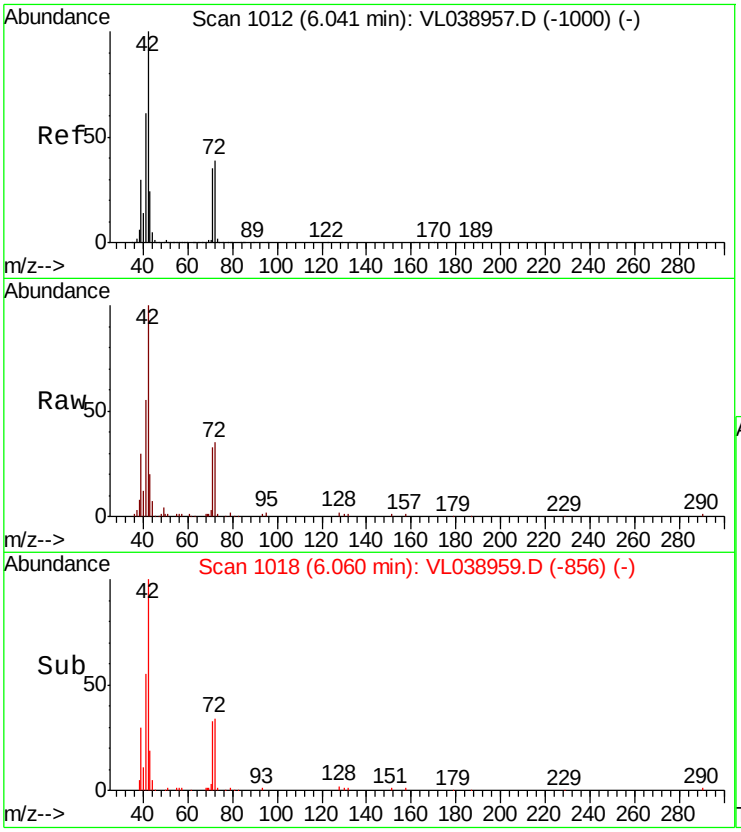


#40
1,4-Dioxane
Concen: 0.482 ppbv
RT: 7.84 min Scan# 1571
Delta R.T. 0.02 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion: 88 Resp: 15002

Ion	Ratio	Lower	Upper
88	100		
58	0.0	106.1	159.1#
43	0.0	222.9	334.3#
57	0.0	957.6	1436.4#



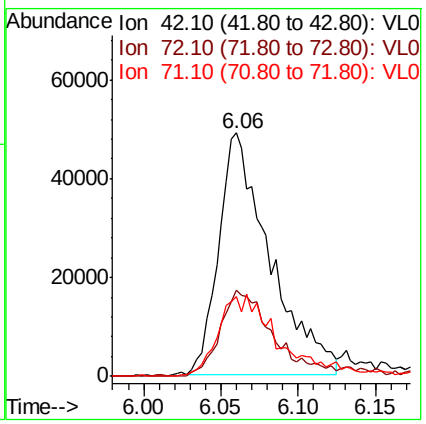


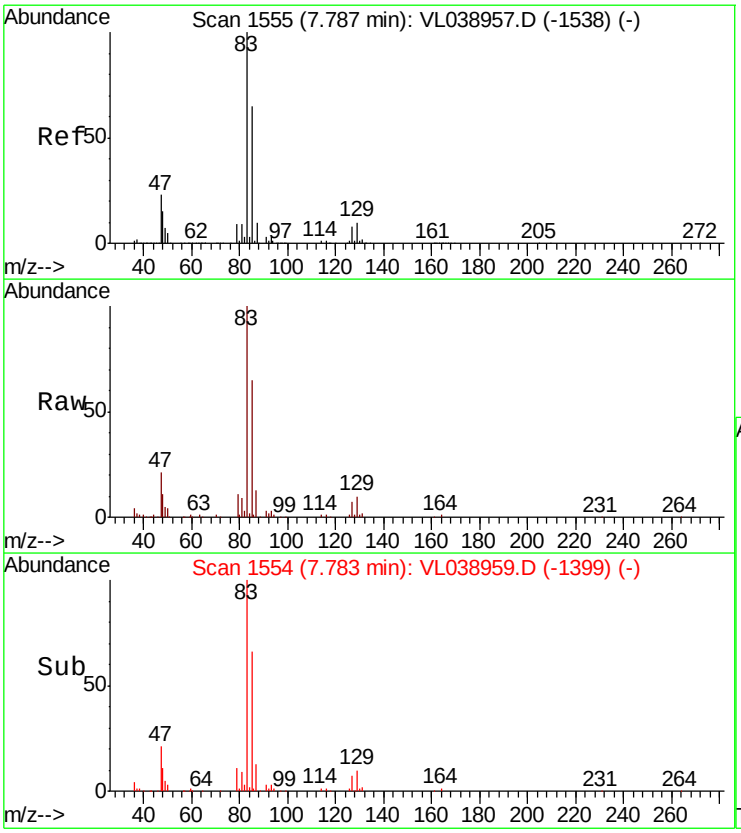
#41
Tetrahydrofuran
Concen: 1.389 ppbv
RT: 6.06
Delta R.T
Lab File:
Acq: 5 May 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 42 Resp: 112255

Ion	Ratio	Lower	Upper
42	100		
72	39.3	31.8	47.6
71	41.3	30.6	45.8

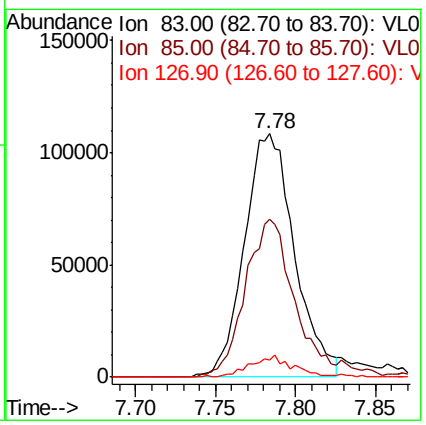


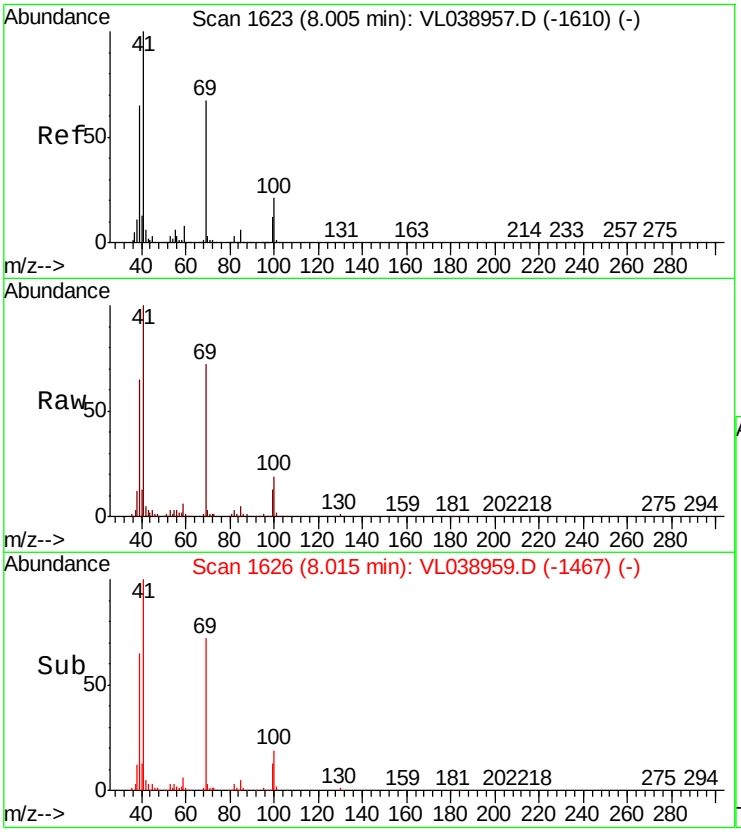


#42
Bromodichloromethane
Concen: 0.957 ppbv
RT: 7.78 min Scan# 1554
Delta R.T. -0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion: 83 Resp: 232810

Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.0	78.0
127	7.1	6.0	9.0



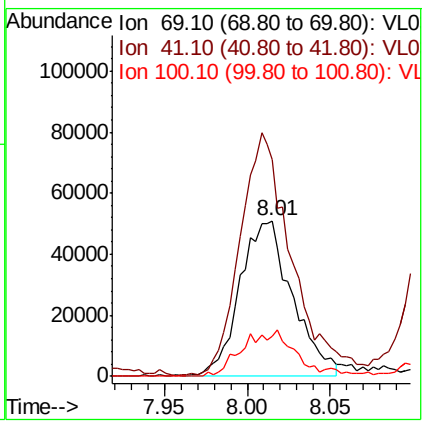


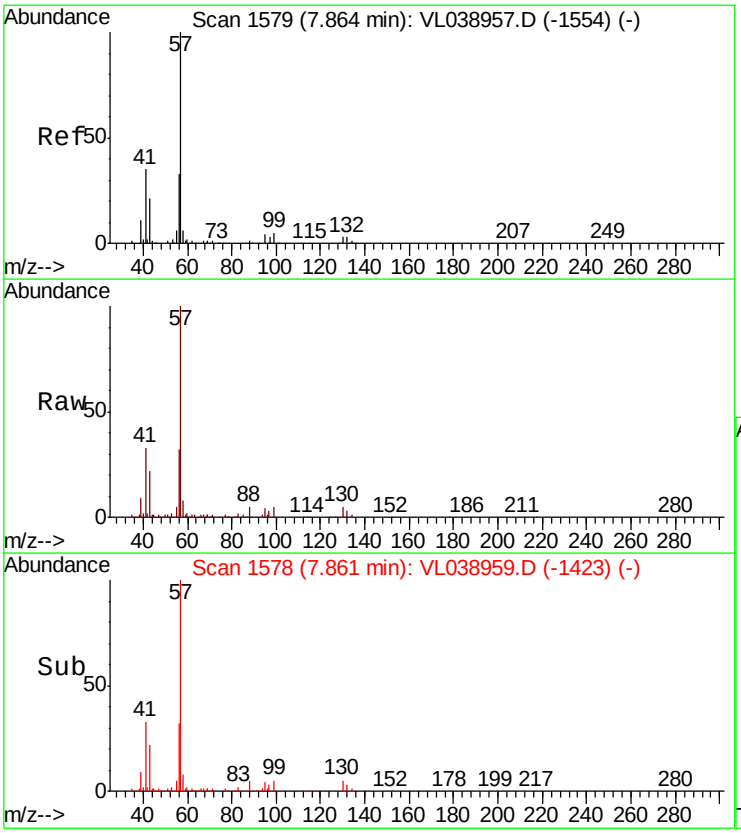
#43
Methyl Methacrylate
Concen: 1.090 ppbv
RT: 8.01
Delta R.T
Lab File:
Acq: 5 May 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 69 Resp: 112416

Ion	Ratio	Lower	Upper
69	100		
41	153.8	121.9	182.9
100	31.0	24.6	36.8

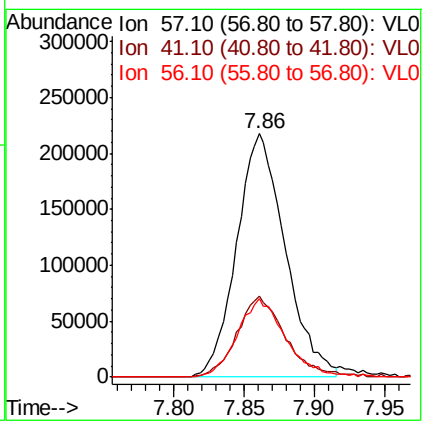


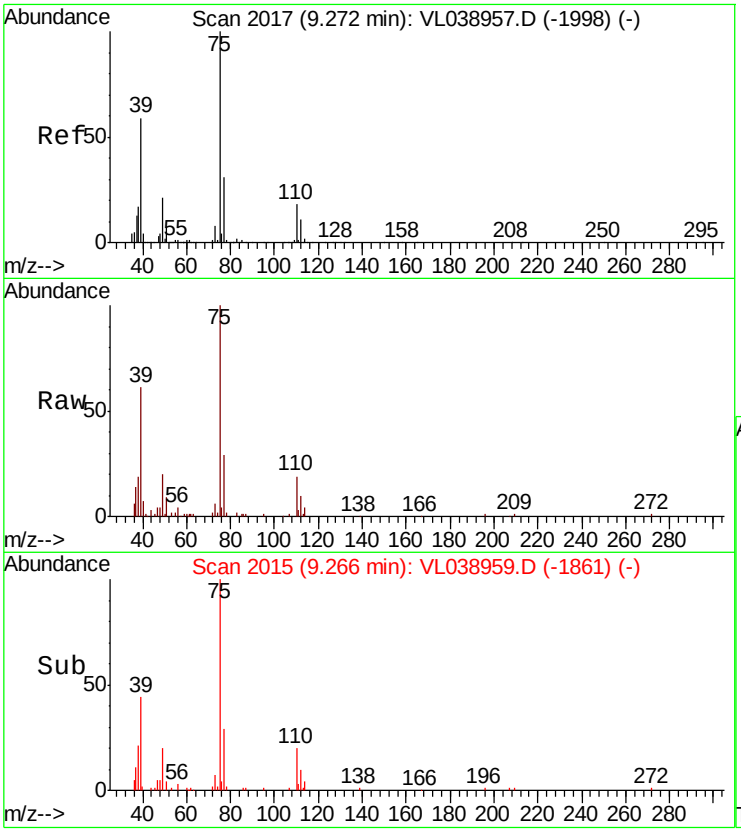


#44
2,2,4-Trimethylpentane
Concen: 0.988 ppbv
RT: 7.86 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion: 57 Resp: 522813

Ion	Ratio	Lower	Upper
57	100		
41	33.6	26.3	39.5
56	32.3	24.6	37.0



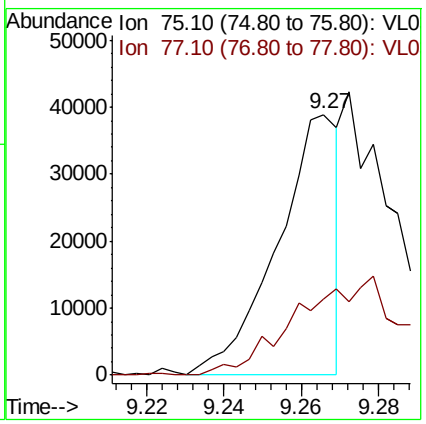


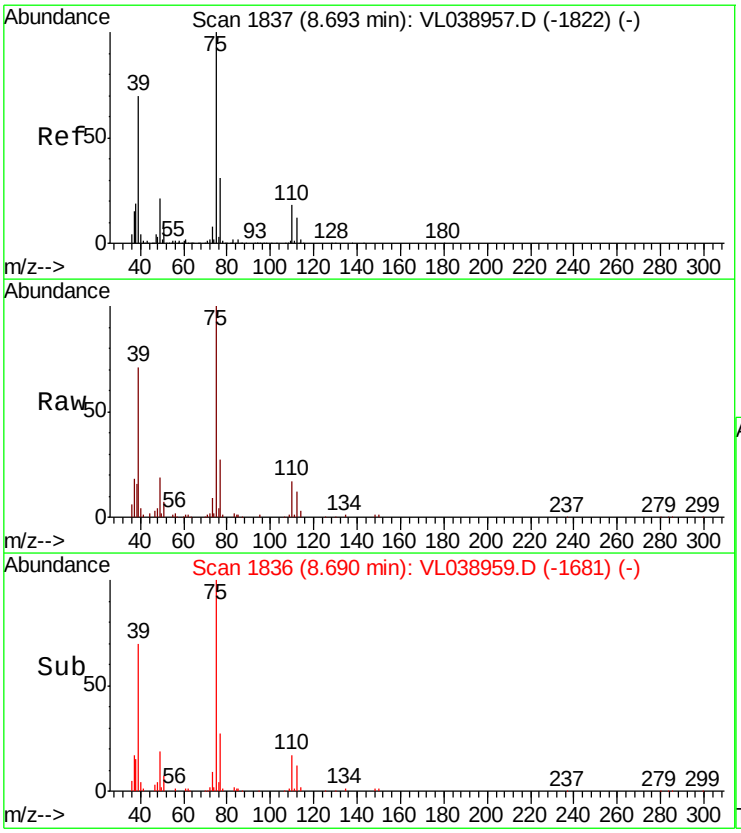
#45
t-1,3-Dichloropropene
Concen: 0.365 ppbv
RT: 9.27
Delta R.T
Lab File:
Acq: 5 May 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 75 Resp: 42726

Ion	Ratio	Lower	Upper
75	100		
77	29.0	24.6	37.0

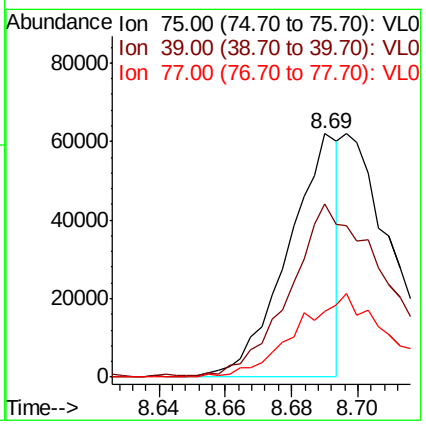


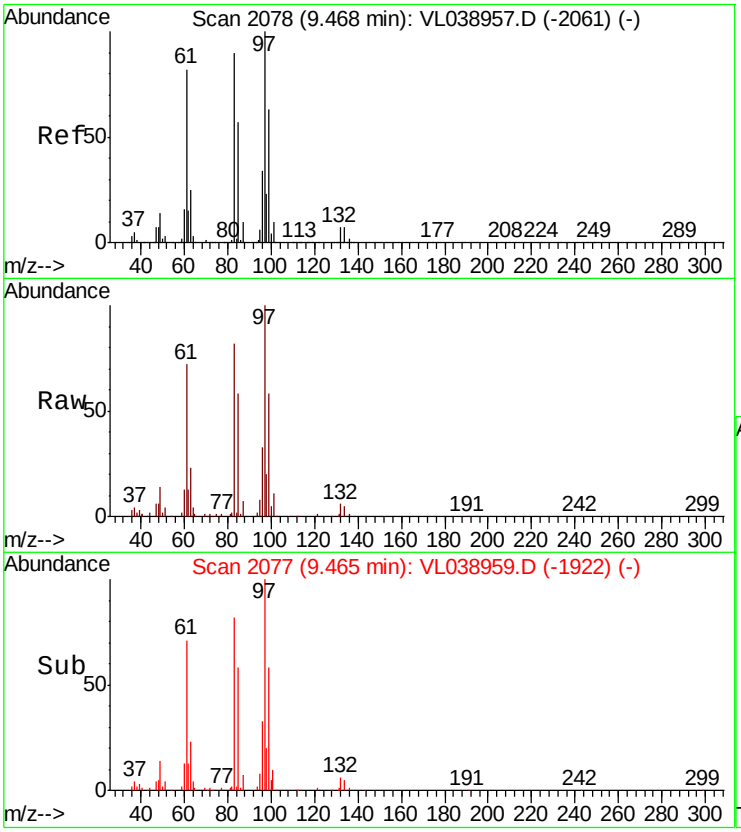


#46
cis-1,3-Dichloropropene
Concen: 0.442 ppbv
RT: 8.69 min Scan# 1836
Delta R.T. -0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion: 75 Resp: 65702

Ion	Ratio	Lower	Upper
75	100		
39	70.6	55.8	83.6
77	27.1	24.8	37.2



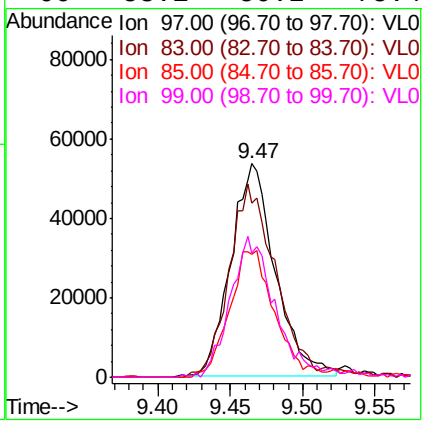


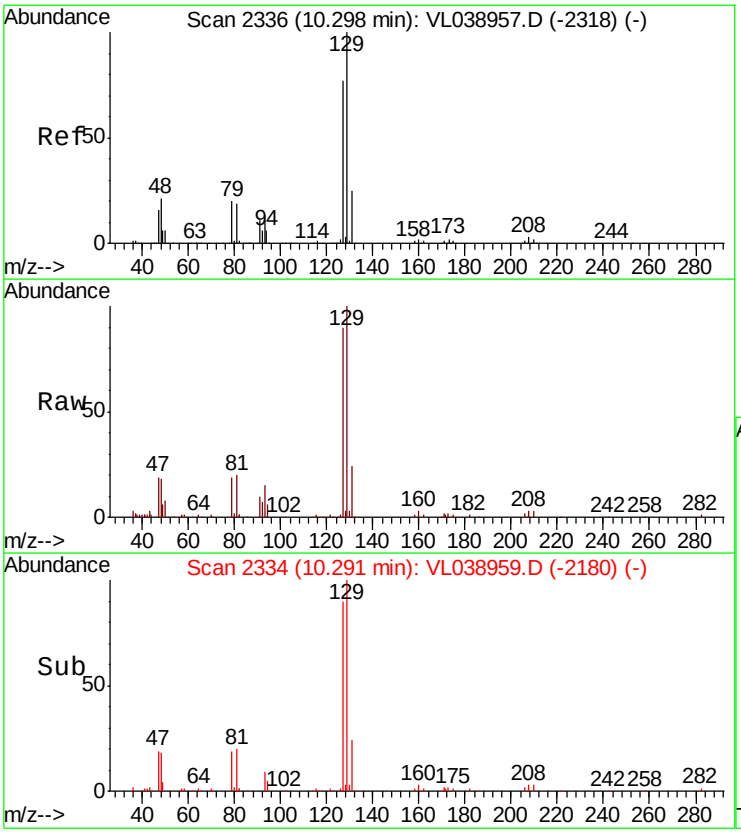
#47
1,1,2-Trichloroethane
Concen: 0.921 ppbv
RT: 9.47
Delta R.T
Lab File:
Acq: 5 May 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 97 Resp: 113543

Ion	Ratio	Lower	Upper
97	100		
83	81.7	72.0	108.0
85	58.3	45.7	68.5
99	58.1	50.2	75.4

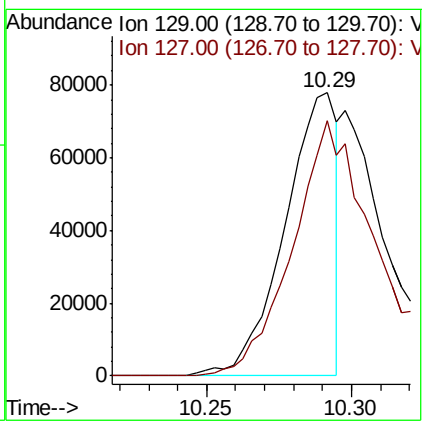


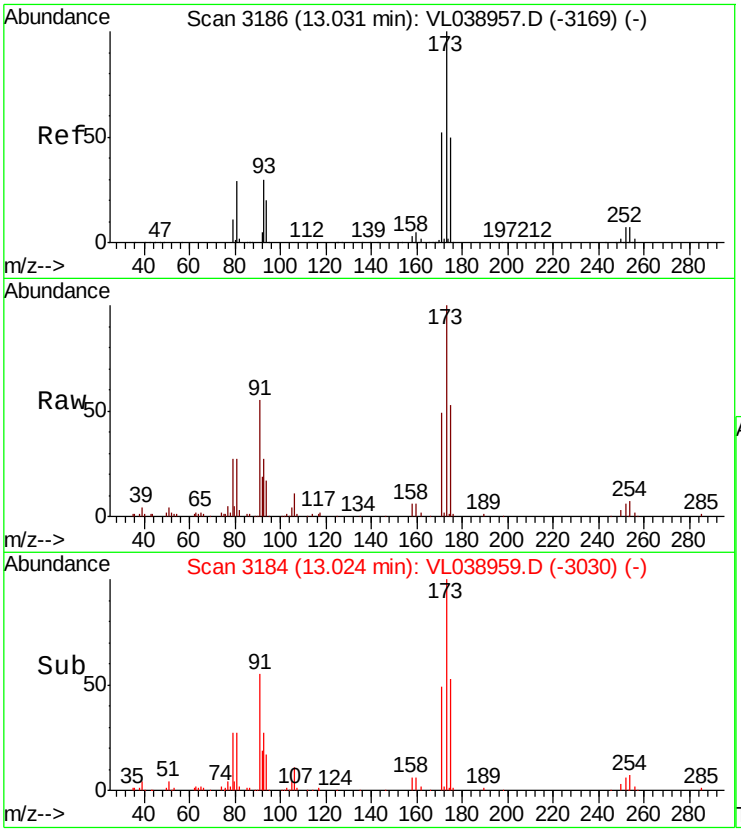


#48
Dibromochloromethane
Concen: 0.513 ppbv
RT: 10.29 min Scan# 2334
Delta R.T. -0.01 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion:129 Resp: 97316

Ion	Ratio	Lower	Upper
129	100		
127	146.7	39.3	117.9#



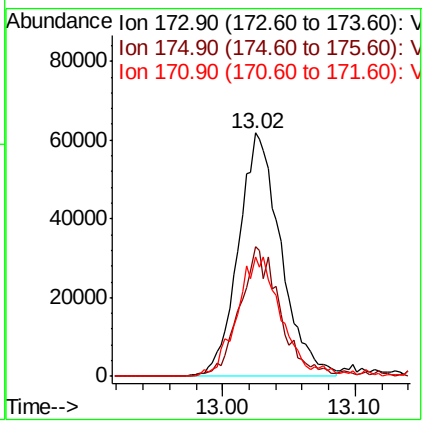


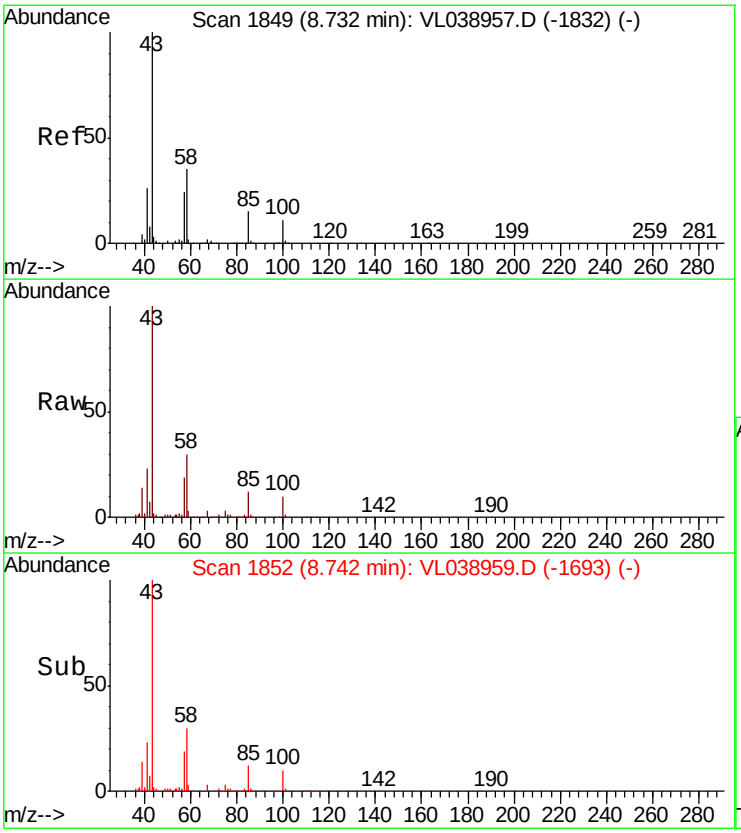
#49
Bromoform
Concen: 0.904 ppbv
RT: 13.02
Delta R.T
Lab File:
Acq: 5 May 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:173 Resp: 137076

Ion	Ratio	Lower	Upper
173	100		
175	52.6	41.0	61.6
171	52.7	42.6	64.0

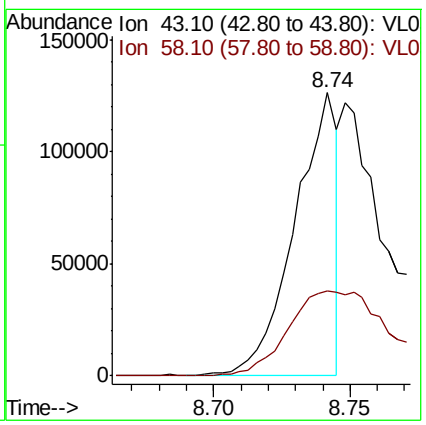


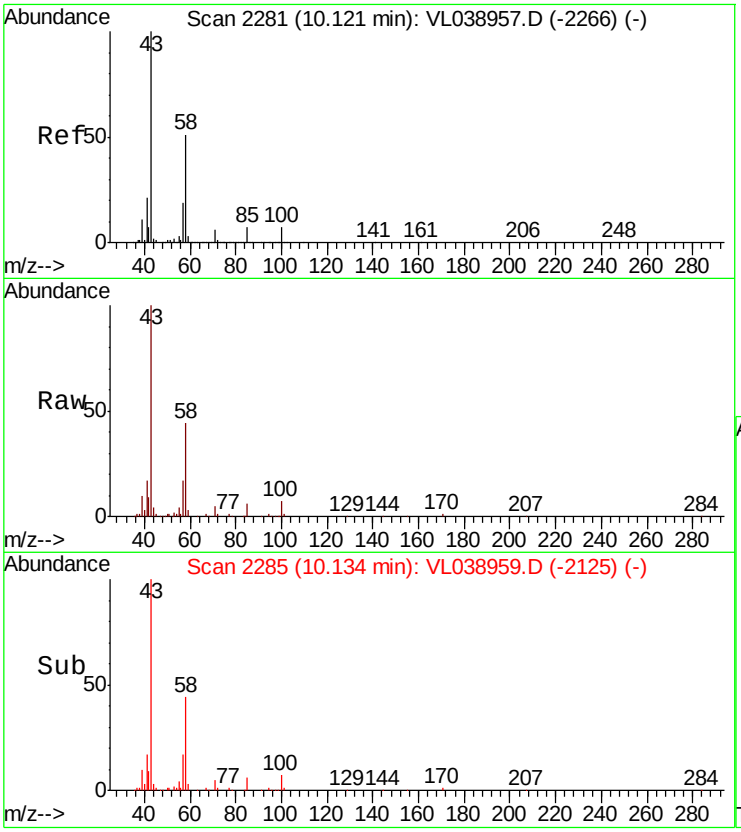


#50
4-Methyl-2-Pentanone
Concen: 0.561 ppbv
RT: 8.74 min Scan# 1852
Delta R.T. 0.01 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion: 43 Resp: 136471

Ion	Ratio	Lower	Upper
43	100		
58	81.3	28.4	42.6#



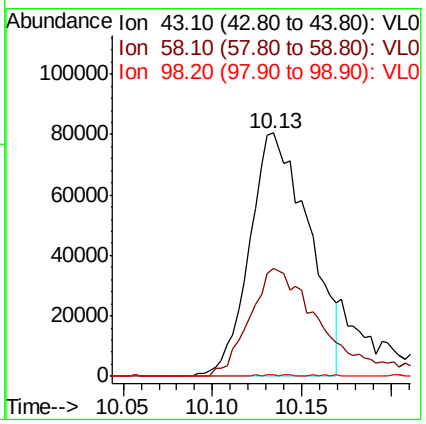


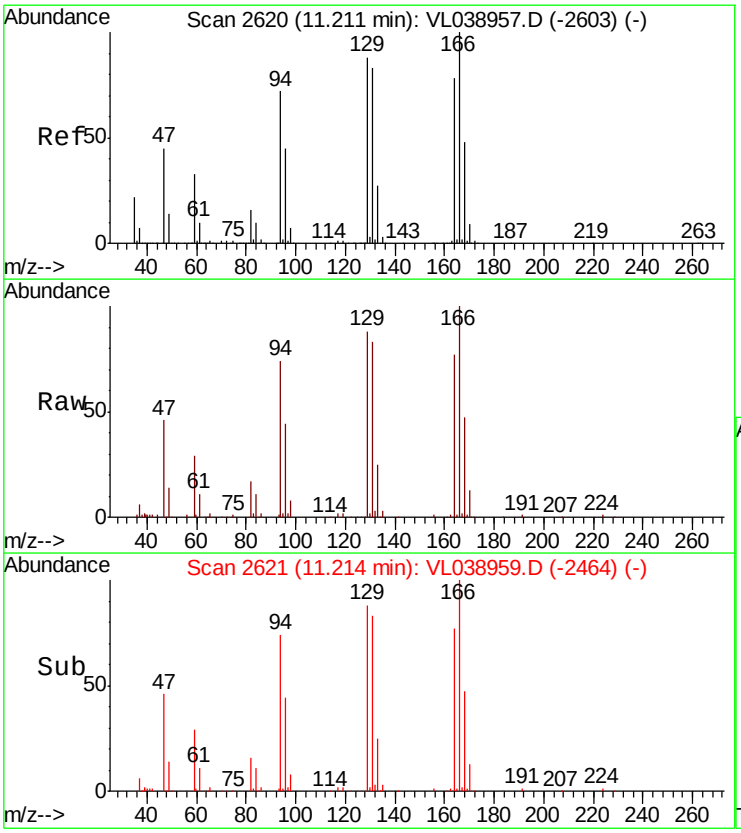
#51
2-Hexanone
Concen: 1.359 ppbv
RT: 10.13
Delta R.T
Lab File:
Acq: 5 May 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 187062

Ion	Ratio	Lower	Upper
43	100		
58	55.9	39.3	58.9
98	0.6	0.2	0.2#

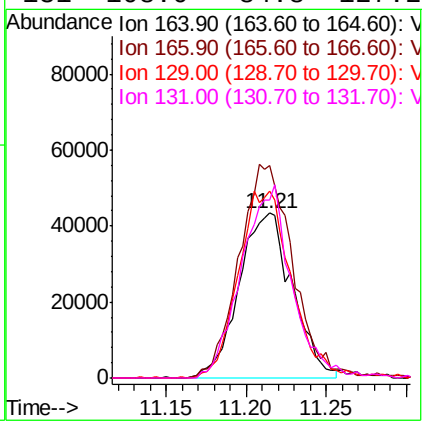


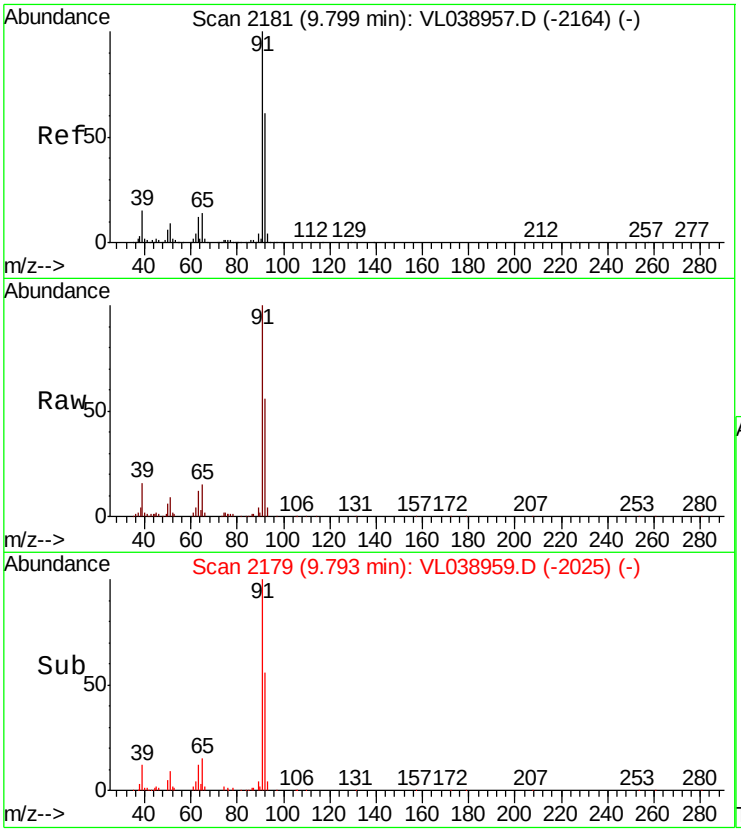


#52
Tetrachloroethene
Concen: 0.896 ppbv
RT: 11.21 min Scan# 2621
Delta R.T. 0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion:164 Resp: 98975

Ion	Ratio	Lower	Upper
164	100		
166	129.5	102.5	153.7
129	113.9	90.1	135.1
131	108.0	84.8	127.2



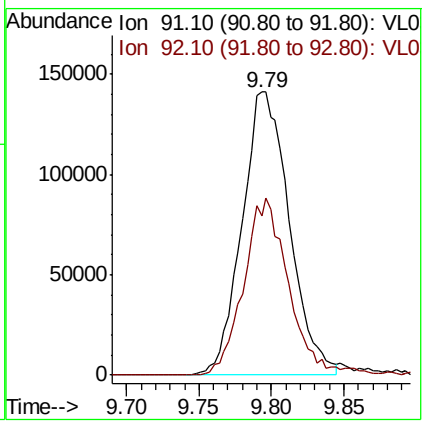


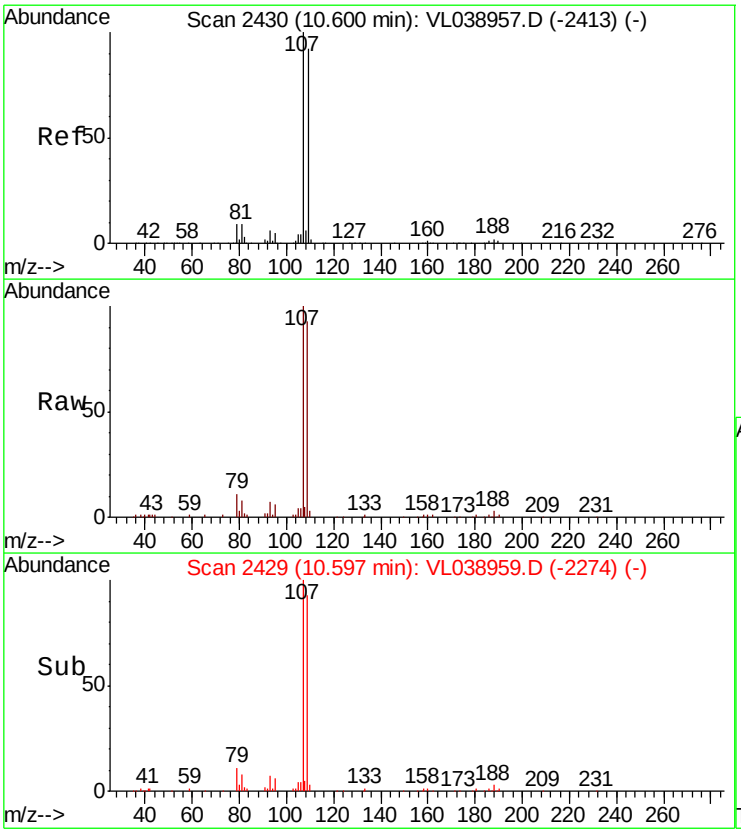
#53
Toluene
Concen: 1.006 ppbv
RT: 9.79
Delta R.T
Lab File:
Acq: 5 May 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 321339

Ion	Ratio	Lower	Upper
91	100		
92	59.6	48.2	72.2

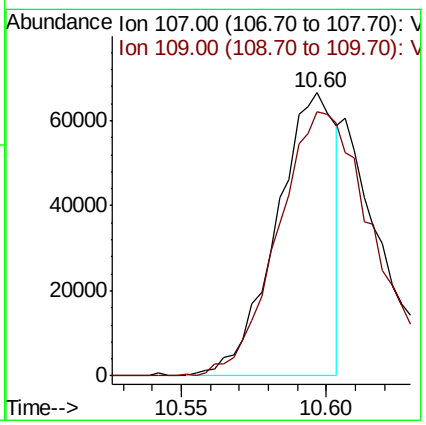


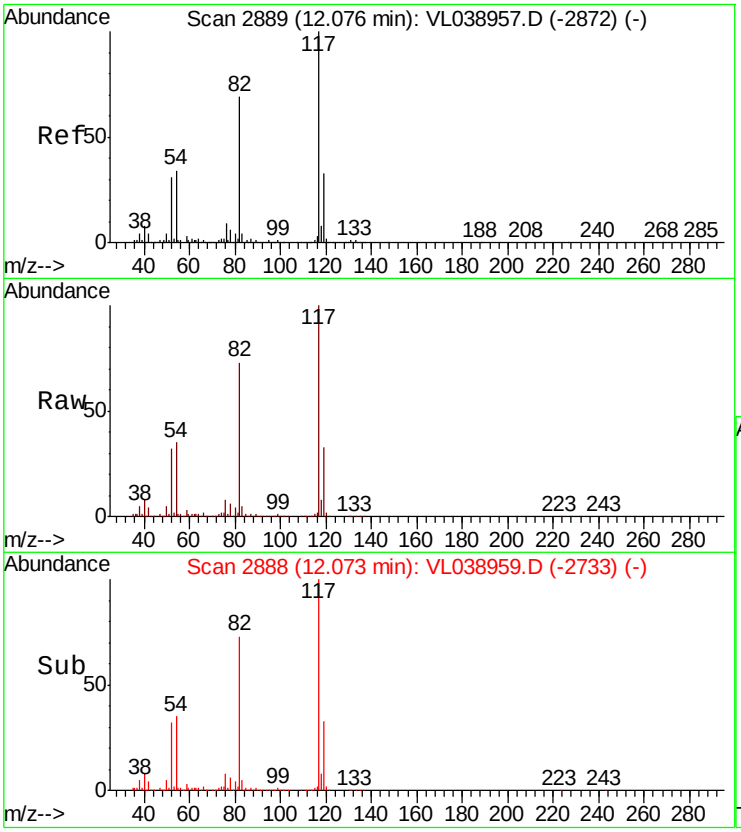


#54
1,2-Dibromoethane
Concen: 0.541 ppbv
RT: 10.60 min Scan# 2429
Delta R.T. -0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion:107 Resp: 94002

Ion	Ratio	Lower	Upper
107	100		
109	92.8	73.8	110.8



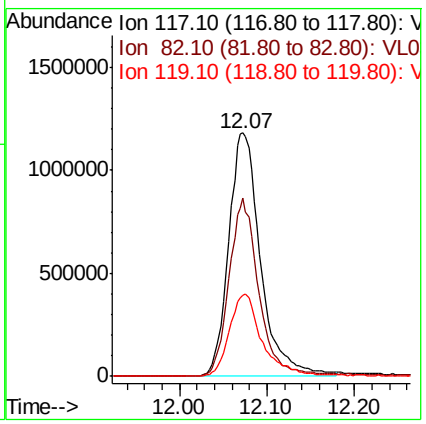


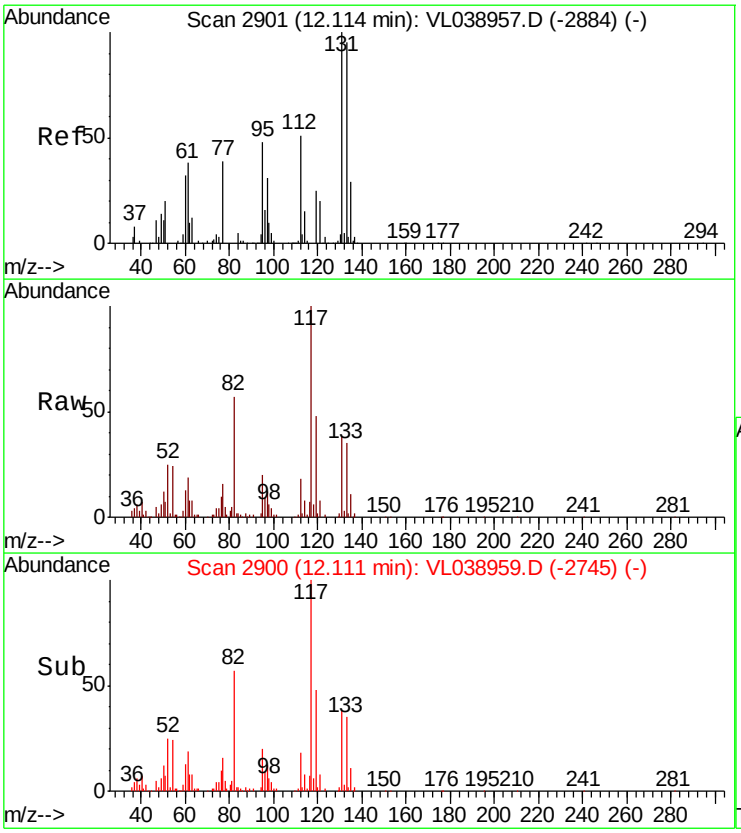
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07
Delta R.T
Lab File:
Acq: 5 May 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2992669

Ion	Ratio	Lower	Upper
117	100		
82	69.3	57.0	85.6
119	34.8	27.2	40.8

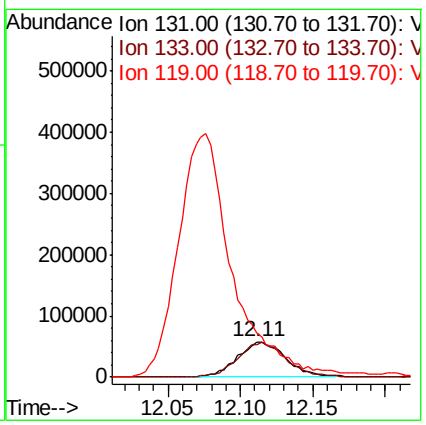


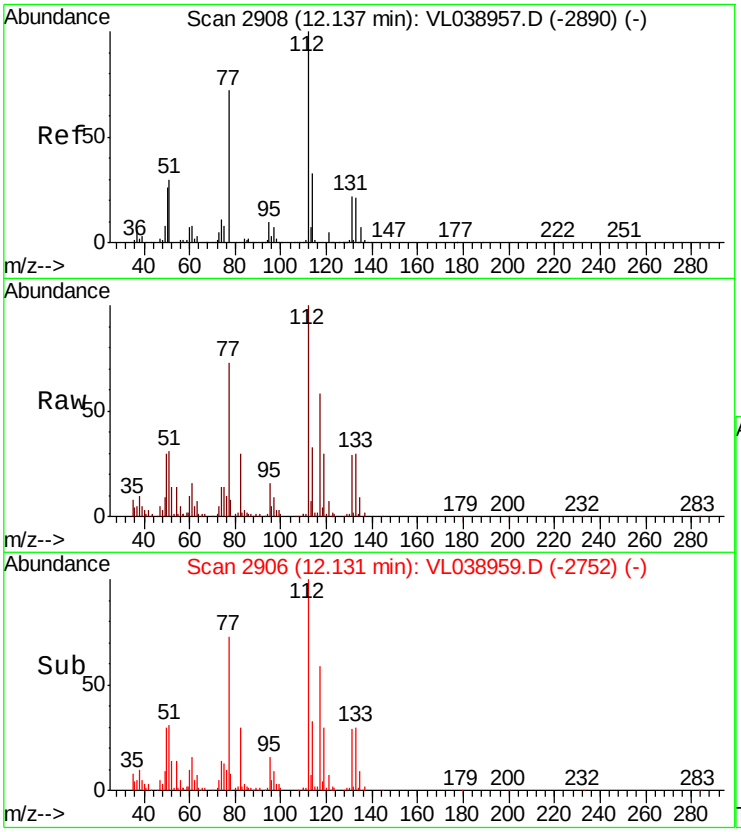


#56
1,1,1,2-Tetrachloroethane
Concen: 0.996 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. -0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion:131 Resp: 134212

Ion	Ratio	Lower	Upper
131	100		
133	98.8	76.9	115.3
119	790.2	47.4	71.0#



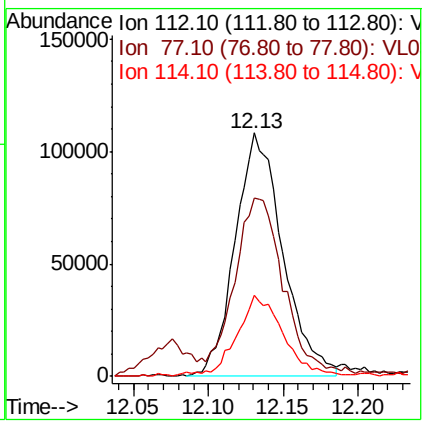


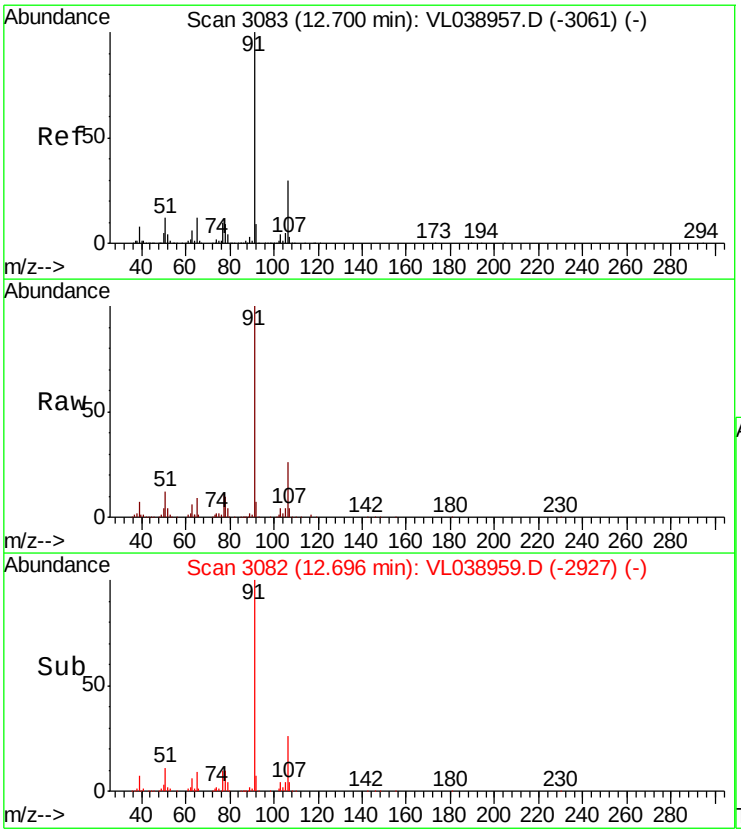
#57
Chlorobenzene
Concen: 0.948 ppbv
RT: 12.13
Delta R.T
Lab File:
Acq: 5 May 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:112 Resp: 237268

Ion	Ratio	Lower	Upper
112	100		
77	69.9	57.7	86.5
114	31.9	30.1	36.7

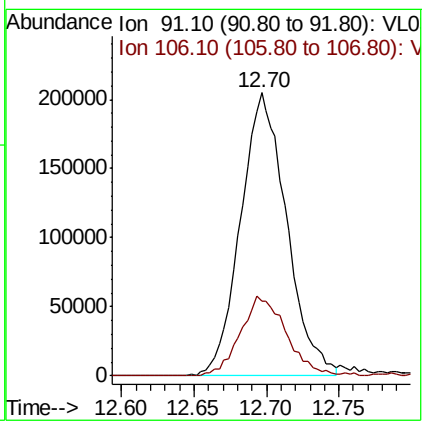


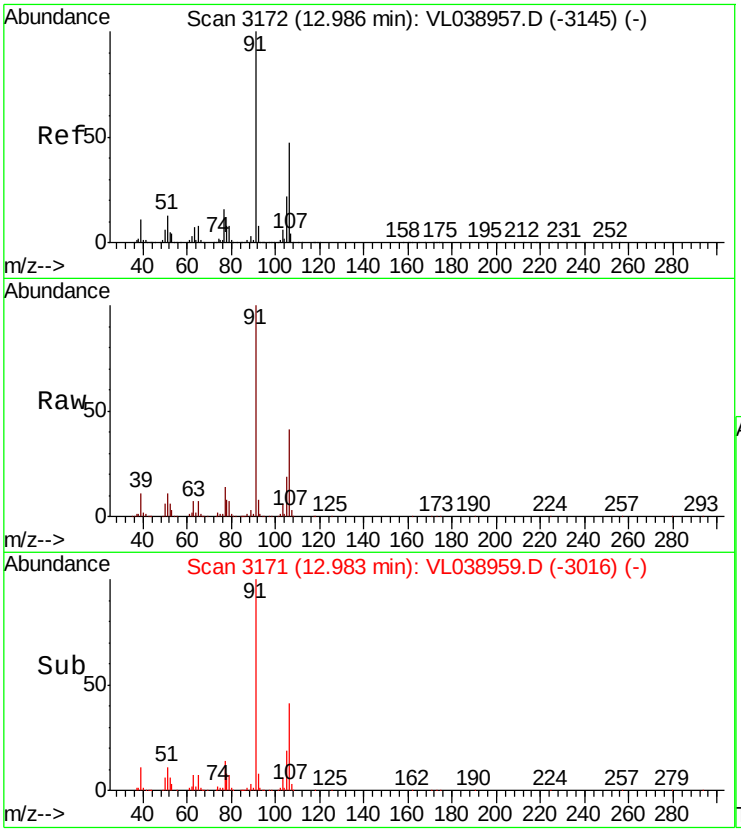


#58
Ethyl Benzene
Concen: 1.054 ppbv
RT: 12.70 min Scan# 3082
Delta R.T. -0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion: 91 Resp: 453605

Ion	Ratio	Lower	Upper
91	100		
106	26.2	24.2	36.4



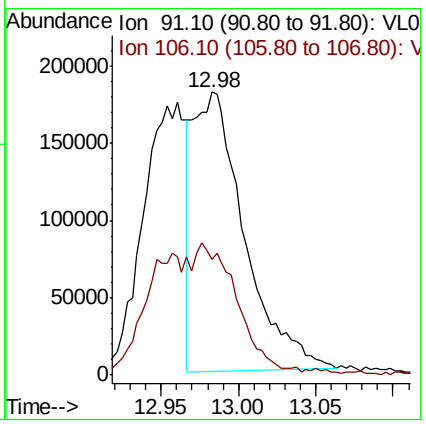


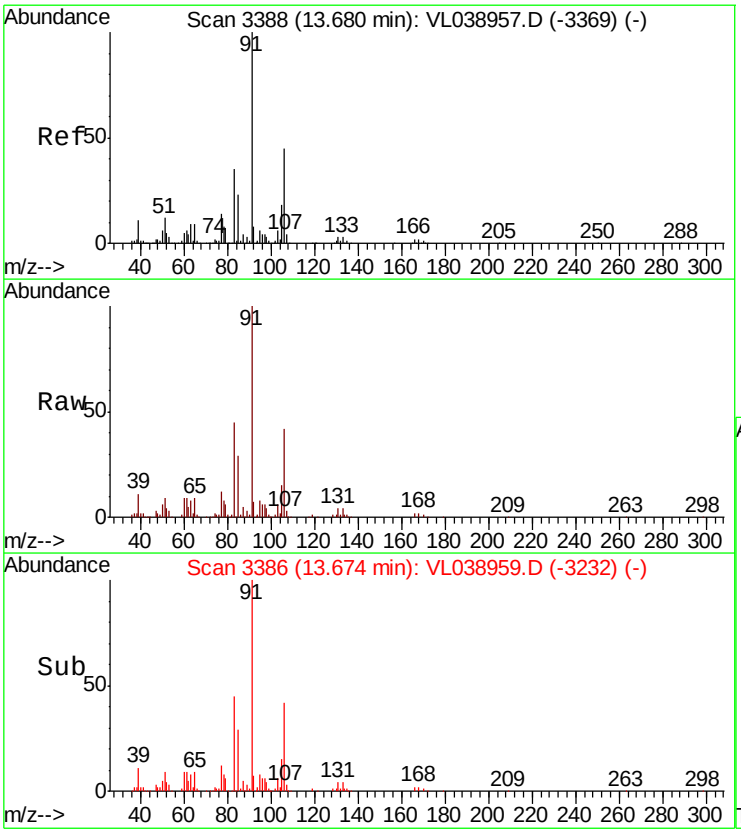
#59
m/p-Xylene
Concen: 1.104 ppbv
RT: 12.98
Delta R.T
Lab File:
Acq: 5 May 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 415524

Ion	Ratio	Lower	Upper
91	100		
106	77.4	34.6	52.0#

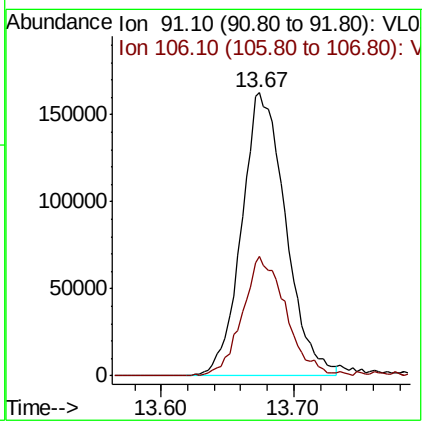


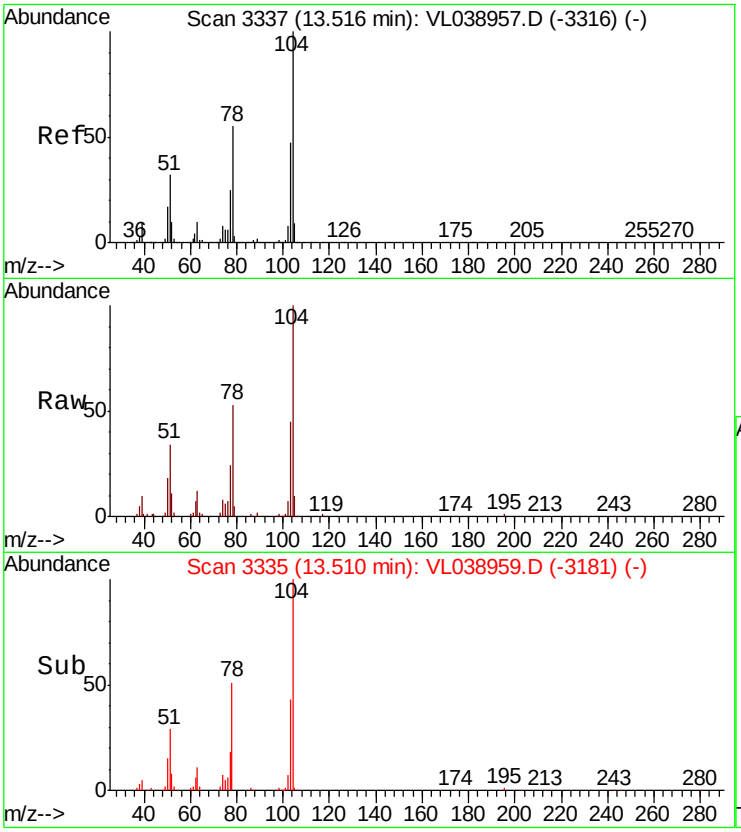


#60
o-Xylene
Concen: 1.034 ppbv
RT: 13.67 min Scan# 3386
Delta R.T. -0.01 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion: 91 Resp: 375963

Ion	Ratio	Lower	Upper
91	100		
106	42.1	22.2	66.6



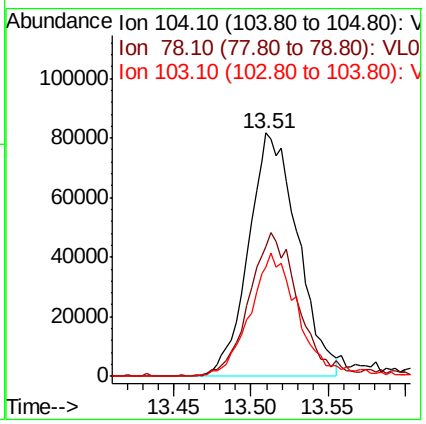


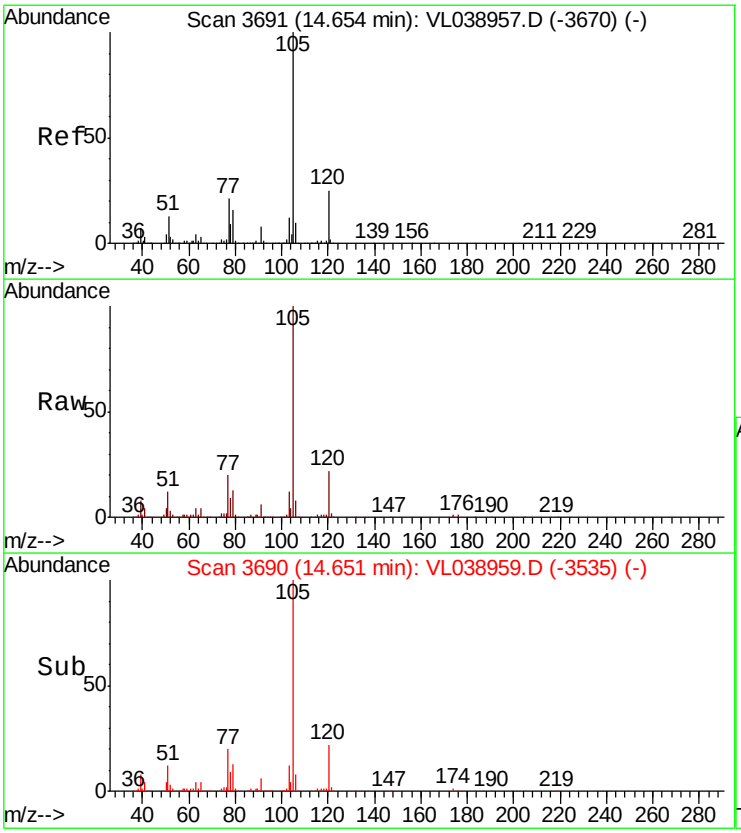
#61
Stvrene
Concen: 1.000 ppbv
RT: 13.51
Delta R.T
Lab File:
Acq: 5 May 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:104 Resp: 181094

Ion	Ratio	Lower	Upper
104	100		
78	59.1	46.4	69.6
103	50.3	39.3	58.9

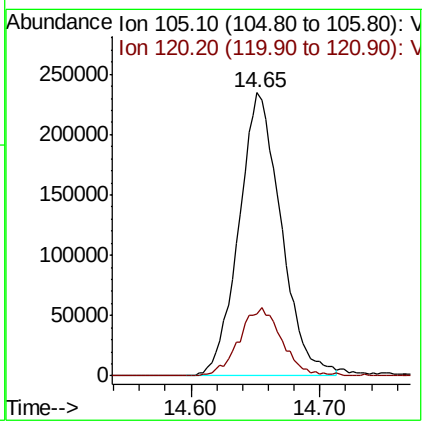


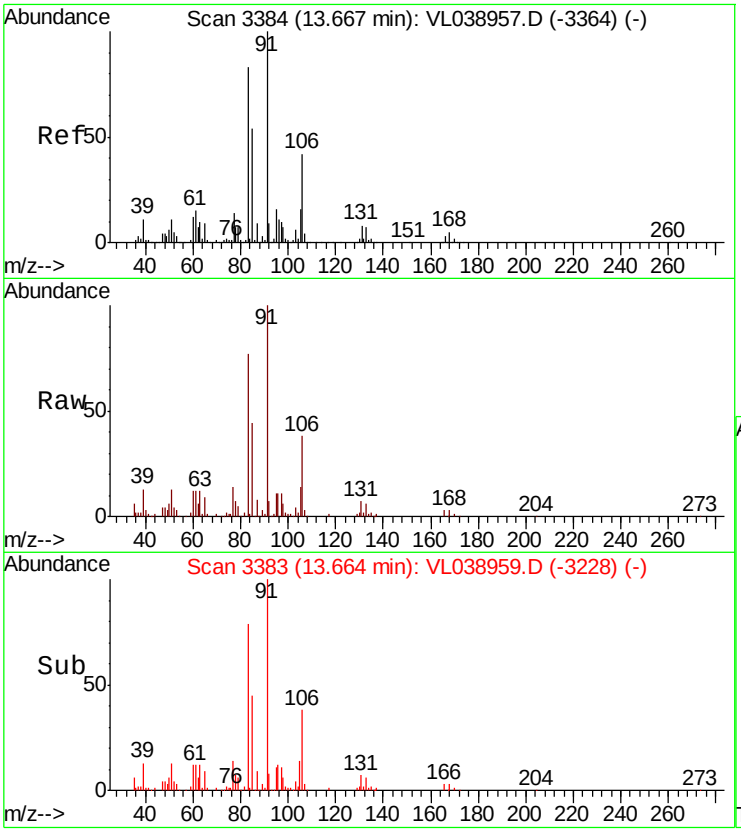


#62
Isopropylbenzene
Concen: 1.079 ppbv
RT: 14.65 min Scan# 3690
Delta R.T. -0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion:105 Resp: 534078

Ion	Ratio	Lower	Upper
105	100		
120	24.6	20.5	30.7



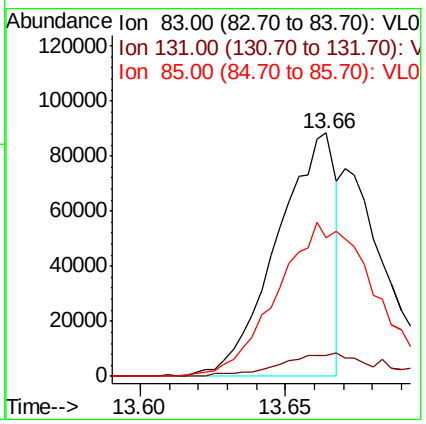


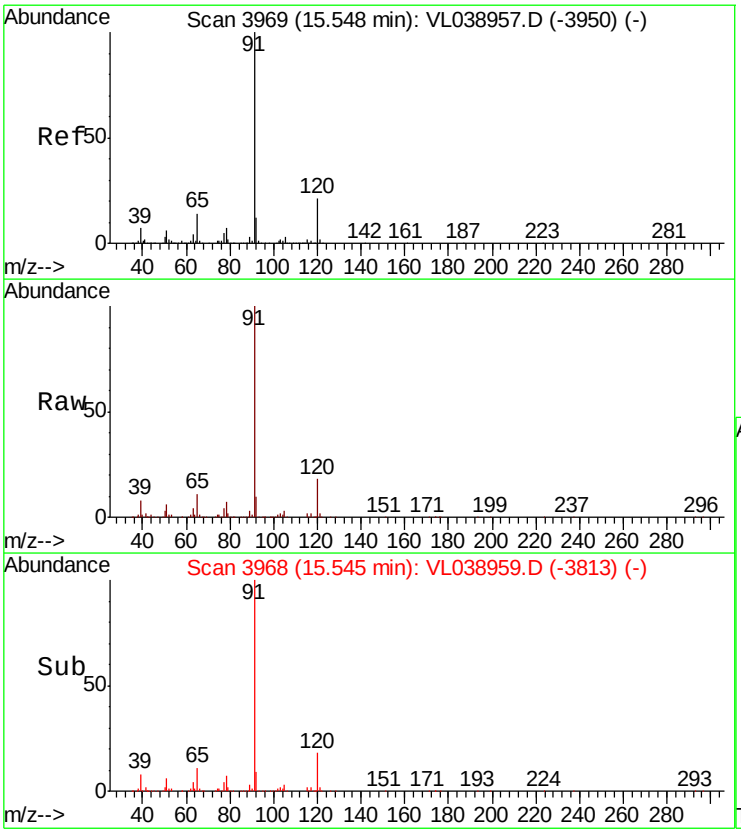
#63
1,1,2,2-Tetrachloroethane
Concen: 0.451 ppbv
RT: 13.66
Delta R.T
Lab File:
Acq: 5 May 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 122948

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.5	13.7#
85	114.0	32.8	98.3#

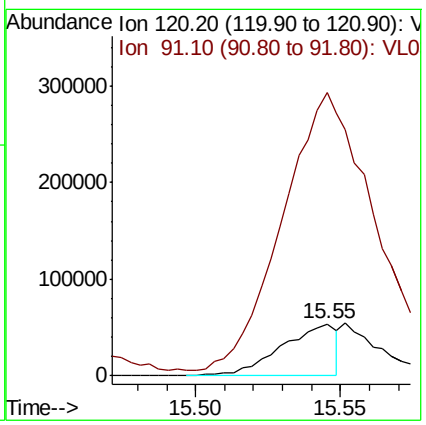


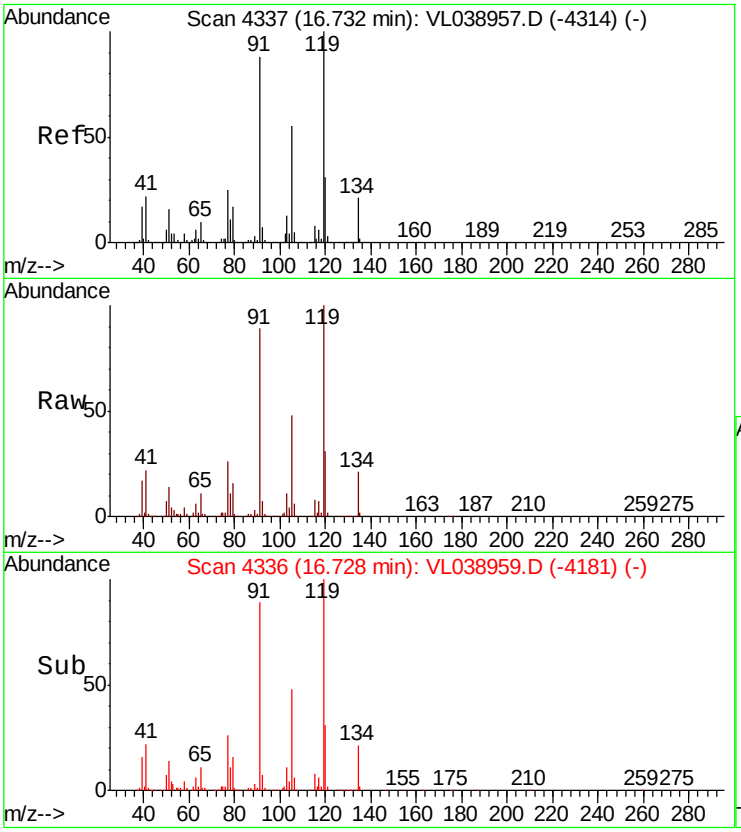


#64
n-propylbenzene
Concen: 0.590 ppbv
RT: 15.55 min Scan# 3968
Delta R.T. -0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion:120 Resp: 71193

Ion	Ratio	Lower	Upper
120	100		
91	977.8	400.6	601.0#



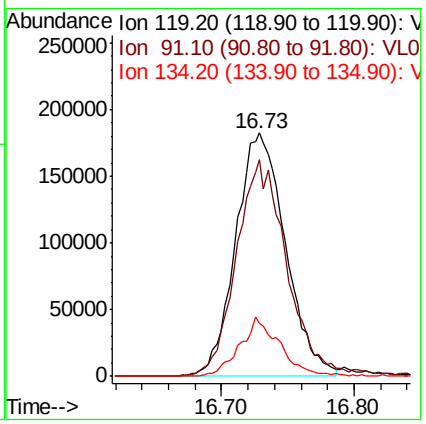


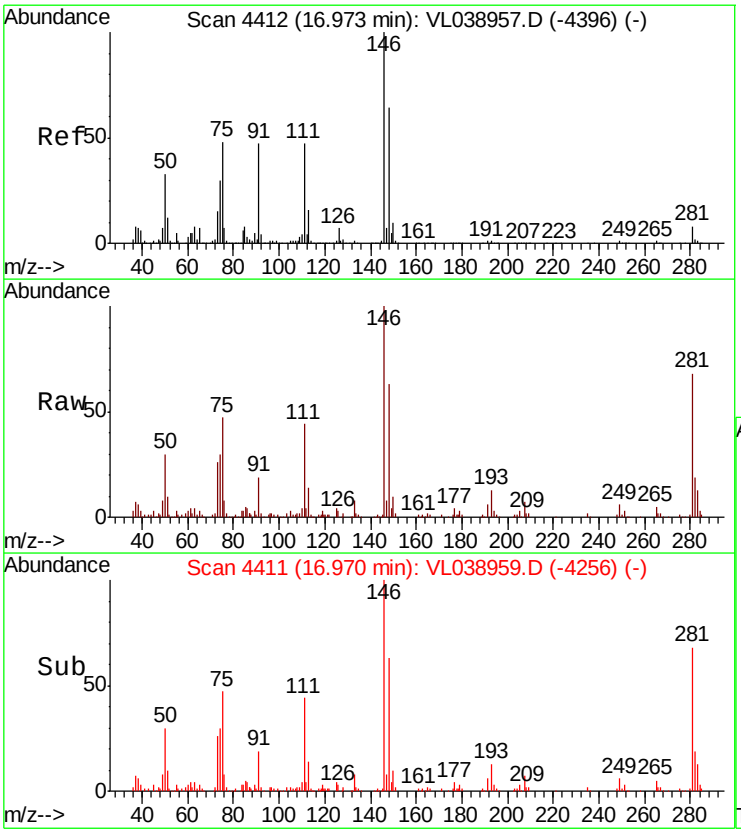
#65
tert-Butylbenzene
Concen: 1.103 ppbv
RT: 16.73
Delta R.T
Lab File:
Acq: 5 May 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:119 Resp: 474168

Ion	Ratio	Lower	Upper
119	100		
91	90.6	69.4	104.2
134	20.0	15.8	23.8

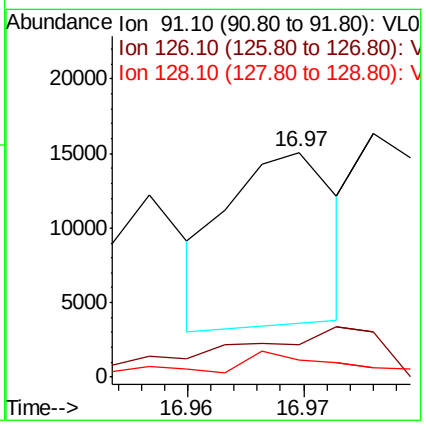


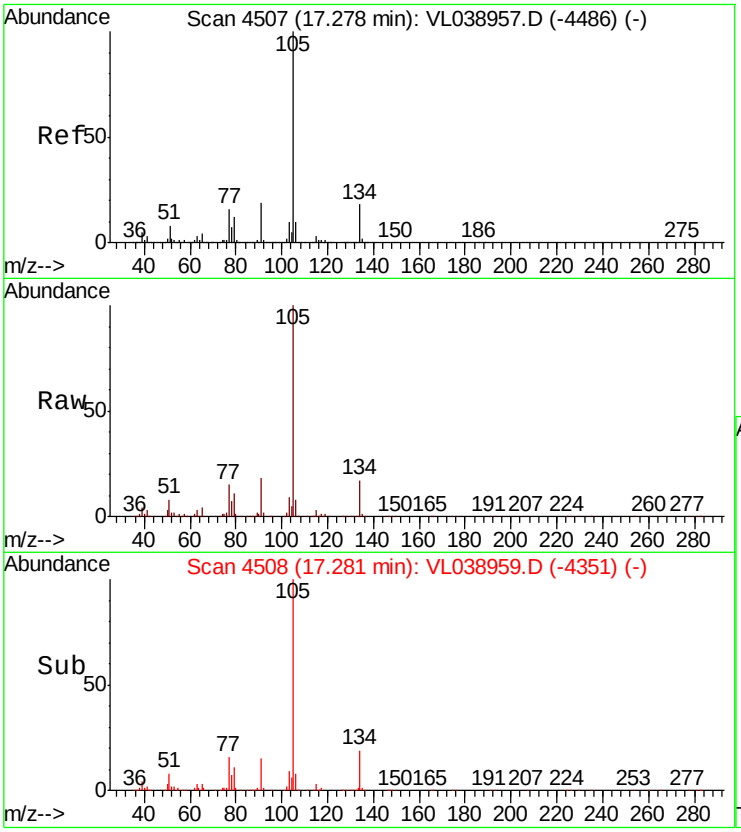


#66
Benzyl Chloride
Concen: 0.143 ppbv
RT: 16.97 min Scan# 4411
Delta R.T. -0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion: 91 Resp: 7519

Ion	Ratio	Lower	Upper
91	100		
126	70.0	11.8	17.6#
128	34.8	4.2	6.2#



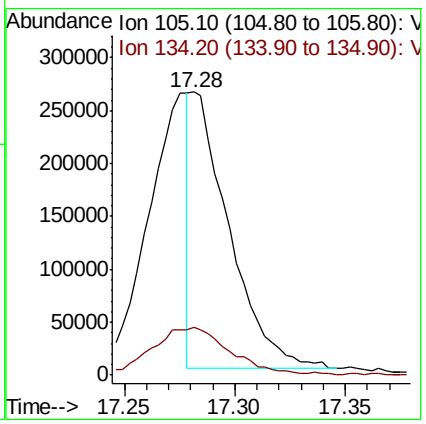


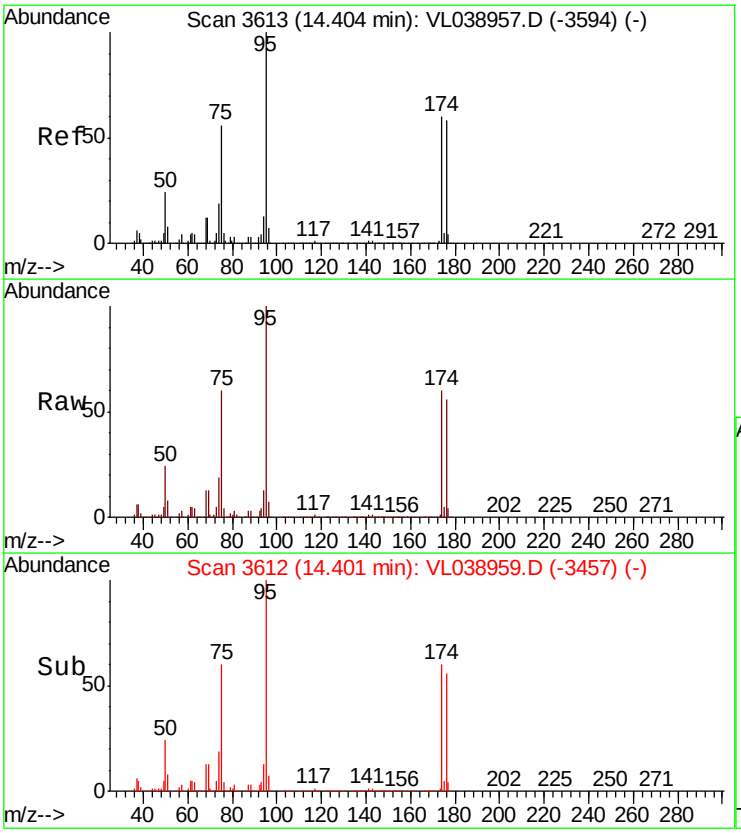
#67
sec-Butylbenzene
Concen: 0.506 ppbv
RT: 17.28
Delta R.T
Lab File:
Acq: 5 May 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 309015

Ion	Ratio	Lower	Upper
105	100		
134	37.6	14.2	21.4#

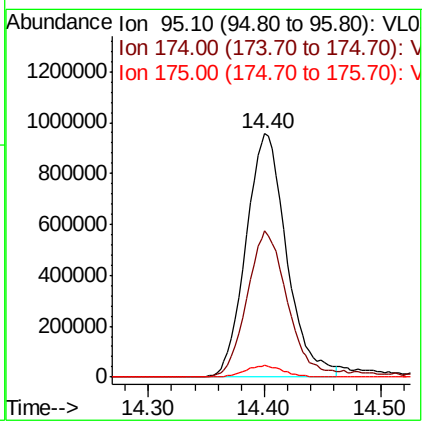


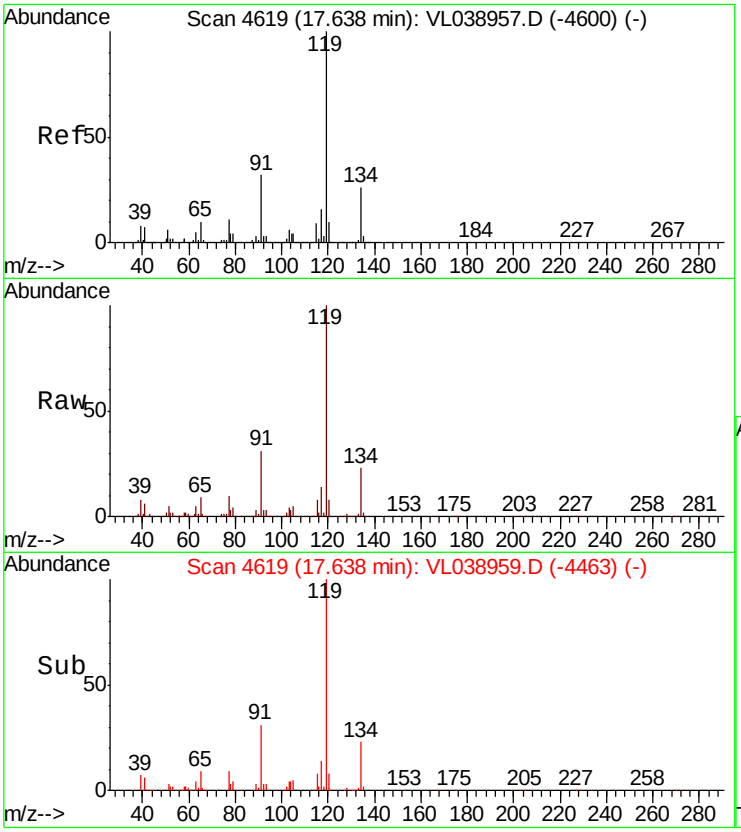


#68
1-Bromo-4-Fluorobenzene
Concen: 9.854 ppbv
RT: 14.40 min Scan# 3612
Delta R.T. -0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion: 95 Resp: 2332483

Ion	Ratio	Lower	Upper
95	100		
174	63.5	50.8	76.2
175	4.8	3.8	5.6



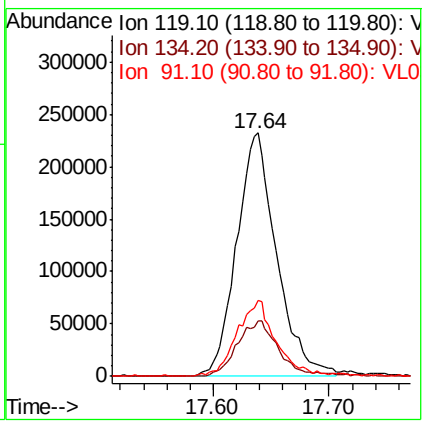


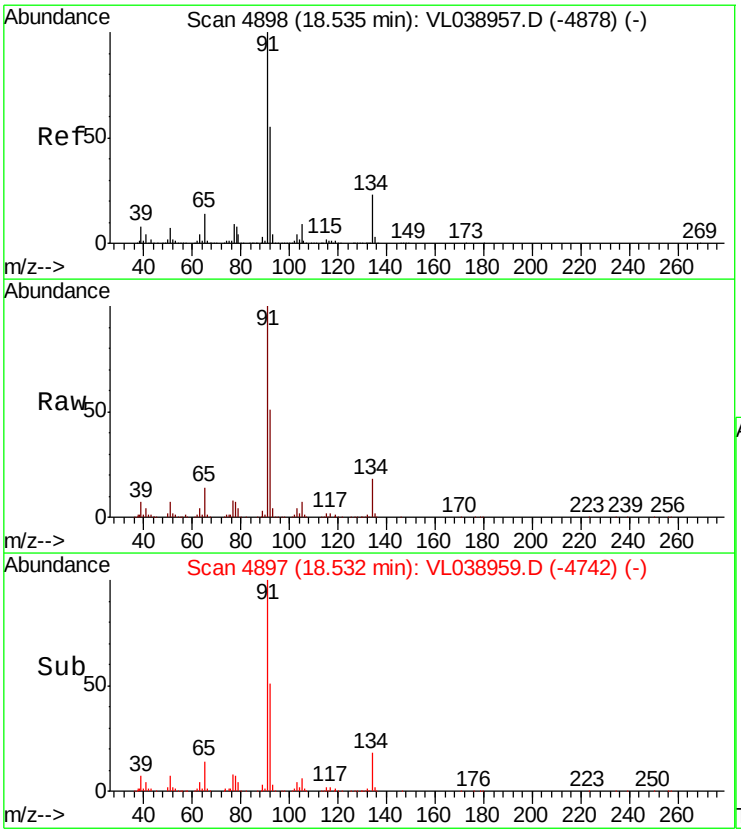
#69
p-Isopropyltoluene
Concen: 1.160 ppbv
RT: 17.64
Delta R.T
Lab File:
Acq: 5 May 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:119 Resp: 553330

Ion	Ratio	Lower	Upper
119	100		
134	24.1	20.0	30.0
91	31.7	24.8	37.2

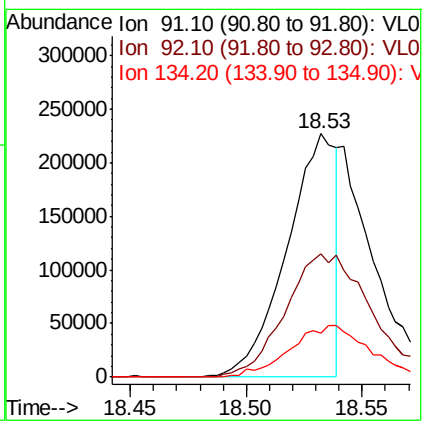


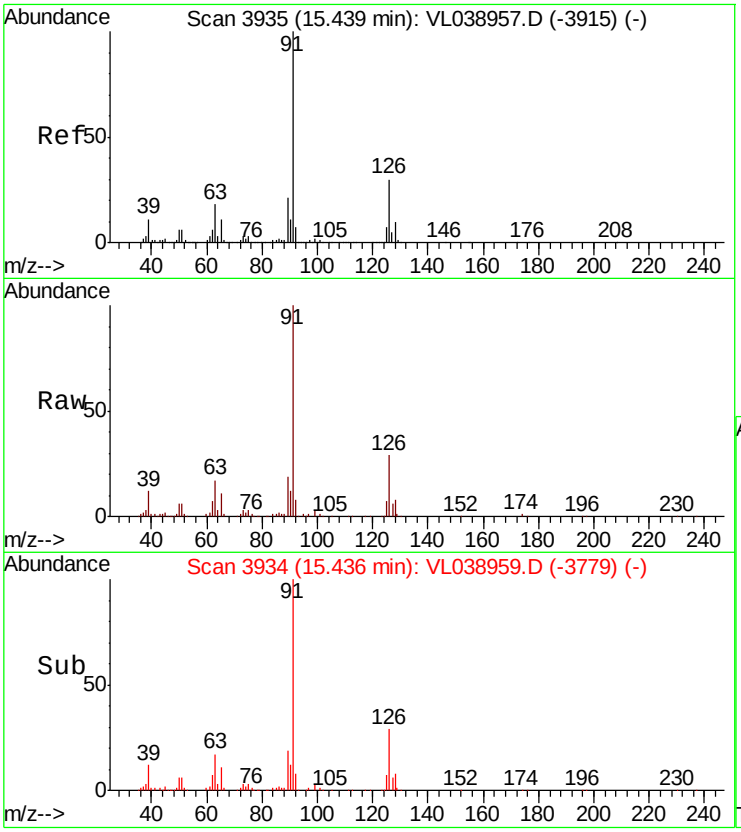


#70
n-Butylbenzene
Concen: 0.673 ppbv
RT: 18.53 min Scan# 4897
Delta R.T. -0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion: 91 Resp: 336239

Ion	Ratio	Lower	Upper
91	100		
92	90.9	43.1	64.7#
134	0.0	17.0	25.4#



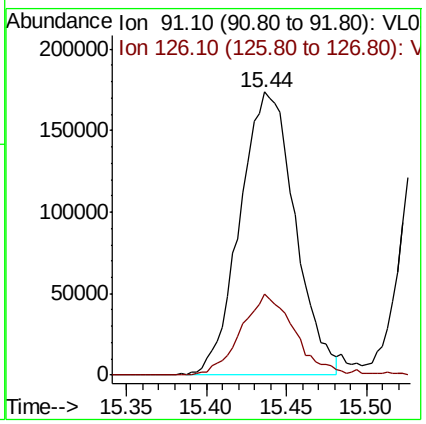


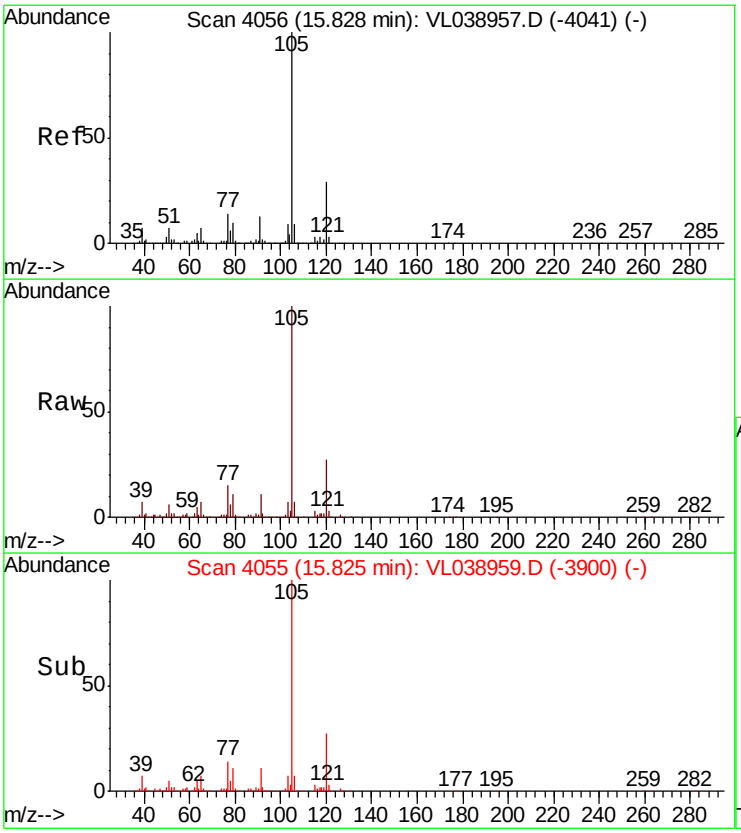
#71
2-Chlorotoluene
Concen: 1.105 ppbv
RT: 15.44
Delta R.T
Lab File:
Acq: 5 May 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 411281

Ion	Ratio	Lower	Upper
91	100		
126	28.4	11.9	47.5

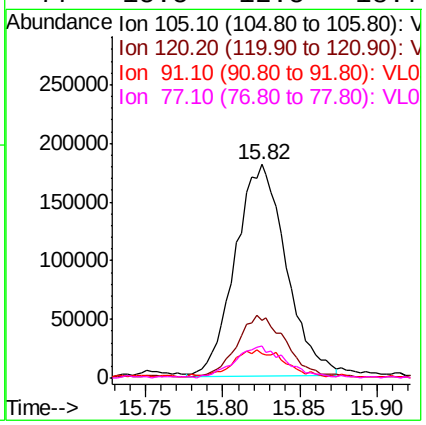


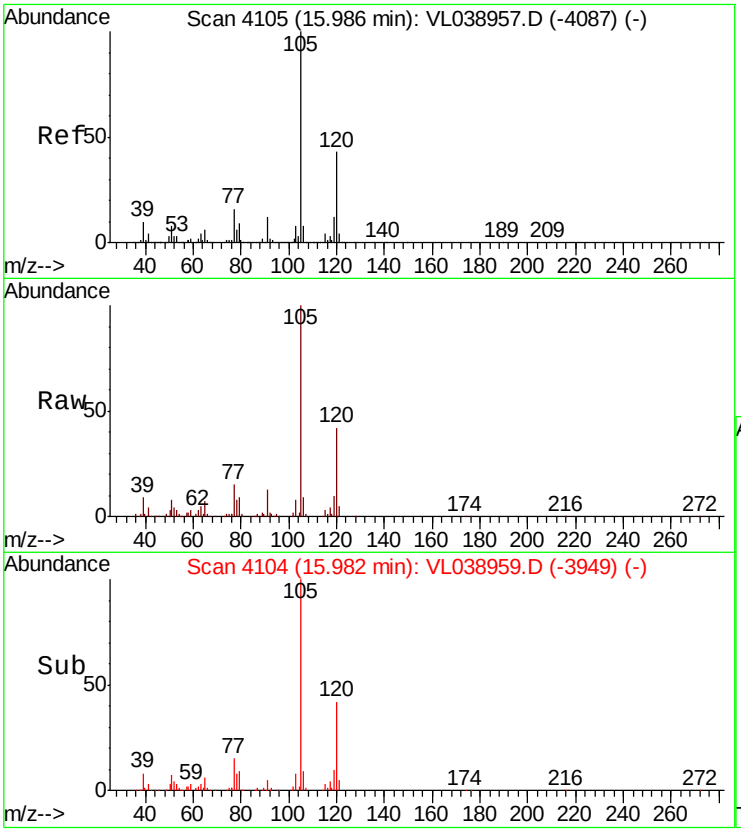


#72
4-Ethyltoluene
Concen: 1.033 ppbv
RT: 15.82 min Scan# 4055
Delta R.T. -0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion:105 Resp: 412100

Ion	Ratio	Lower	Upper
105	100		
120	29.3	23.4	35.0
91	15.1	10.6	16.0
77	15.5	12.5	18.7



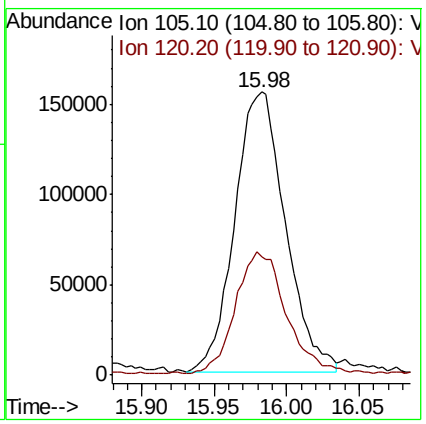


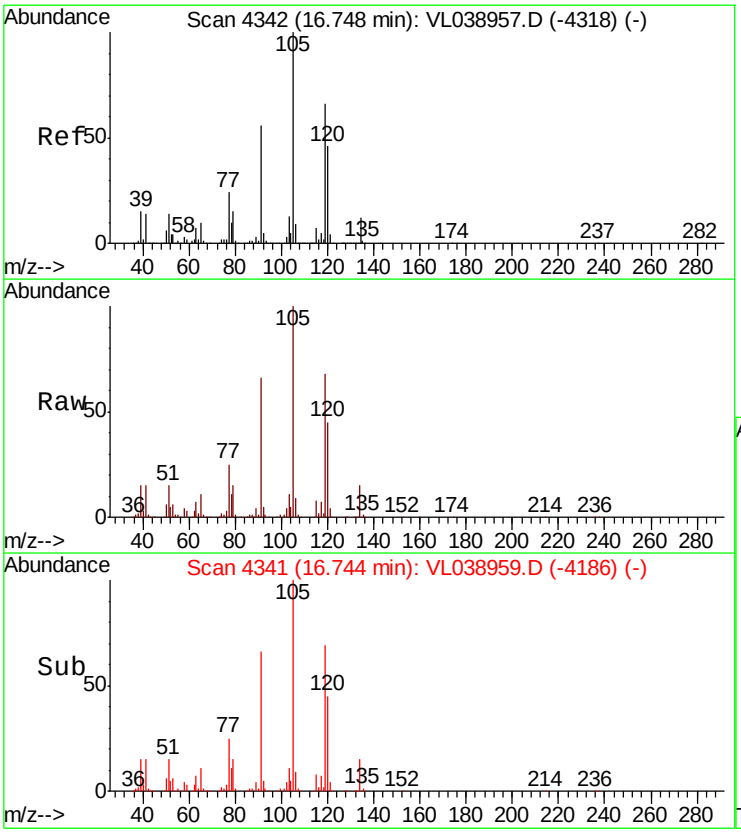
#73
1,3,5-Trimethylbenzene
Concen: 1.015 ppbv
RT: 15.98
Delta R.T
Lab File:
Acq: 5 May 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 377590

Ion	Ratio	Lower	Upper
105	100		
120	41.7	34.4	51.6

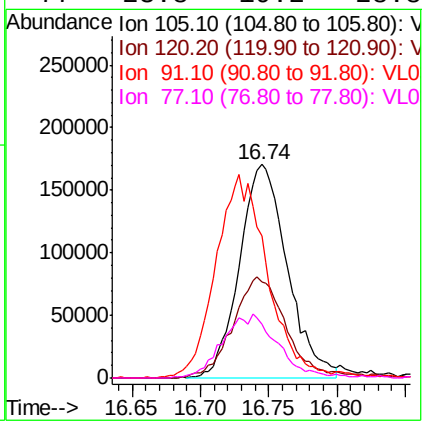


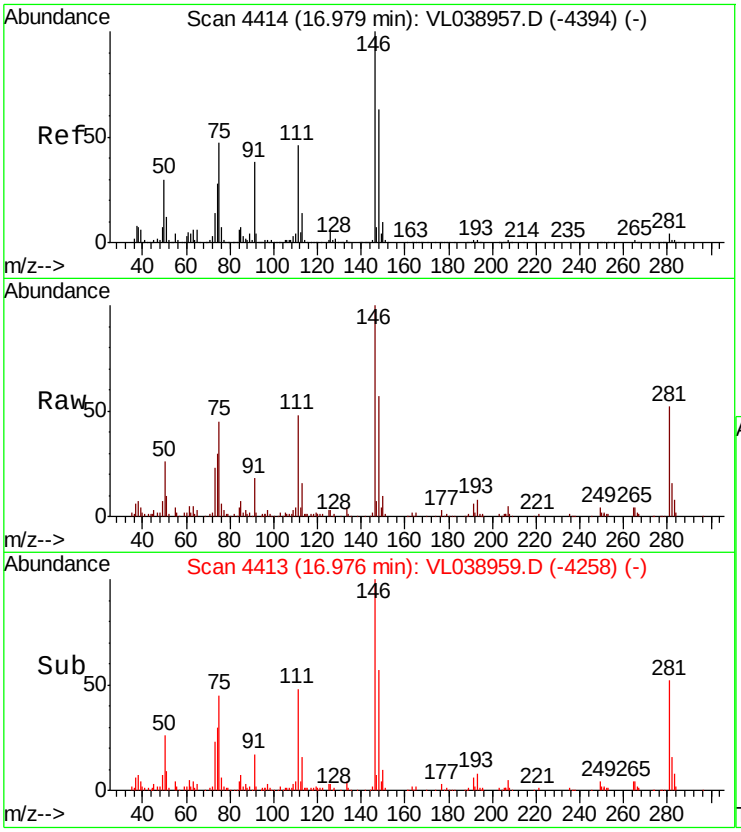


#74
1,2,4-Trimethylbenzene
Concen: 1.027 ppbv
RT: 16.74 min Scan# 4341
Delta R.T. -0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion:105 Resp: 412323

Ion	Ratio	Lower	Upper
105	100		
120	44.3	36.9	55.3
91	63.7	45.0	67.4
77	23.8	19.2	28.8



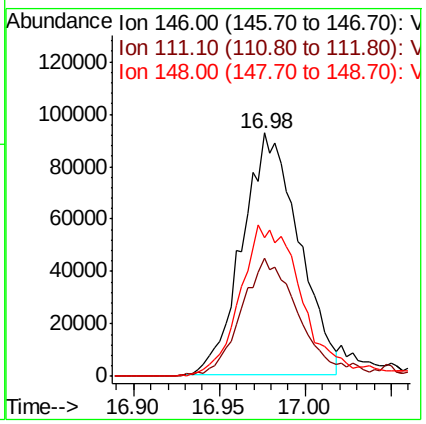


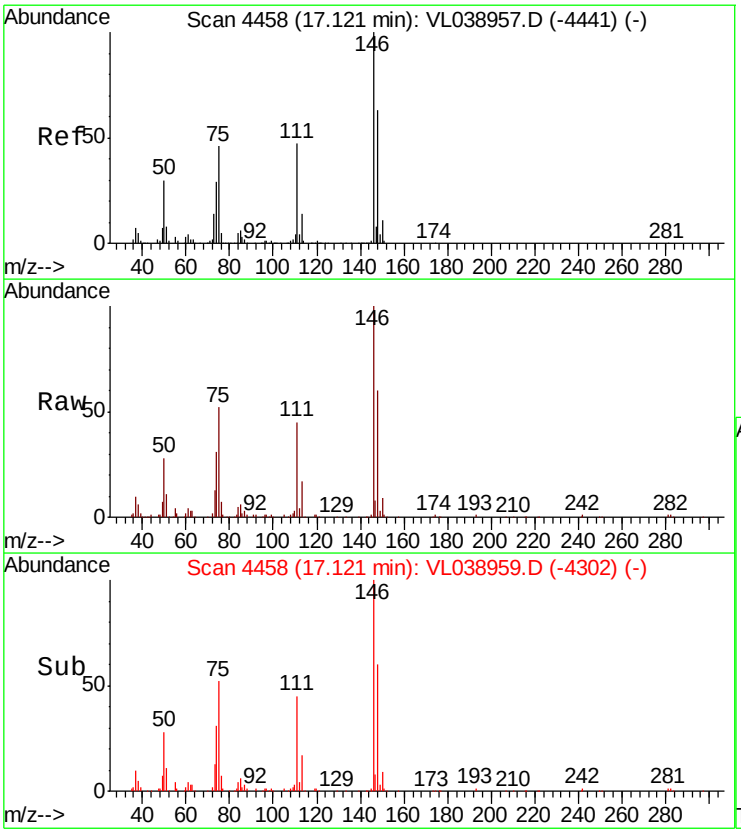
#75
1,3-Dichlorobenzene
Concen: 0.937 ppbv
RT: 16.98
Delta R.T
Lab File:
Acq: 5 May 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:146 Resp: 210796

Ion	Ratio	Lower	Upper
146	100		
111	51.8	24.1	72.2
148	69.5	32.4	97.2

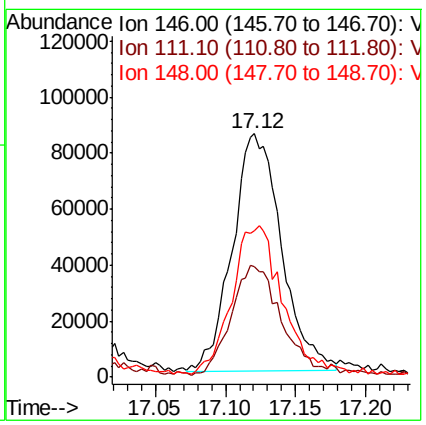


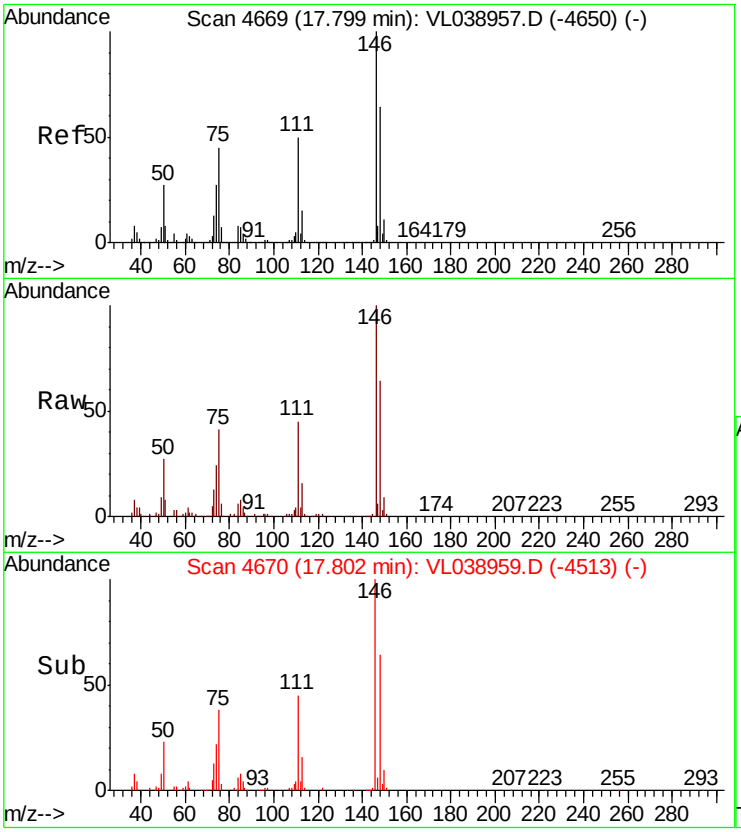


#76
1,4-Dichlorobenzene
Concen: 0.924 ppbv
RT: 17.12 min Scan# 4458
Delta R.T. 0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion:146 Resp: 207052

Ion	Ratio	Lower	Upper
146	100		
111	50.5	23.6	71.0
148	68.5	32.2	96.6



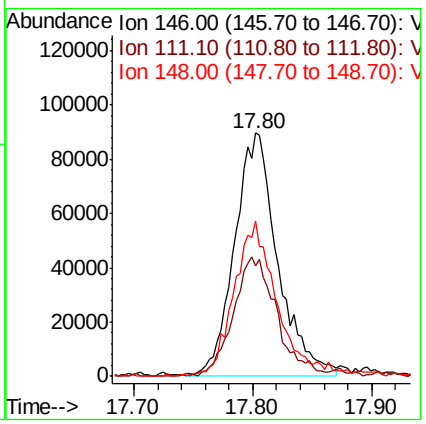


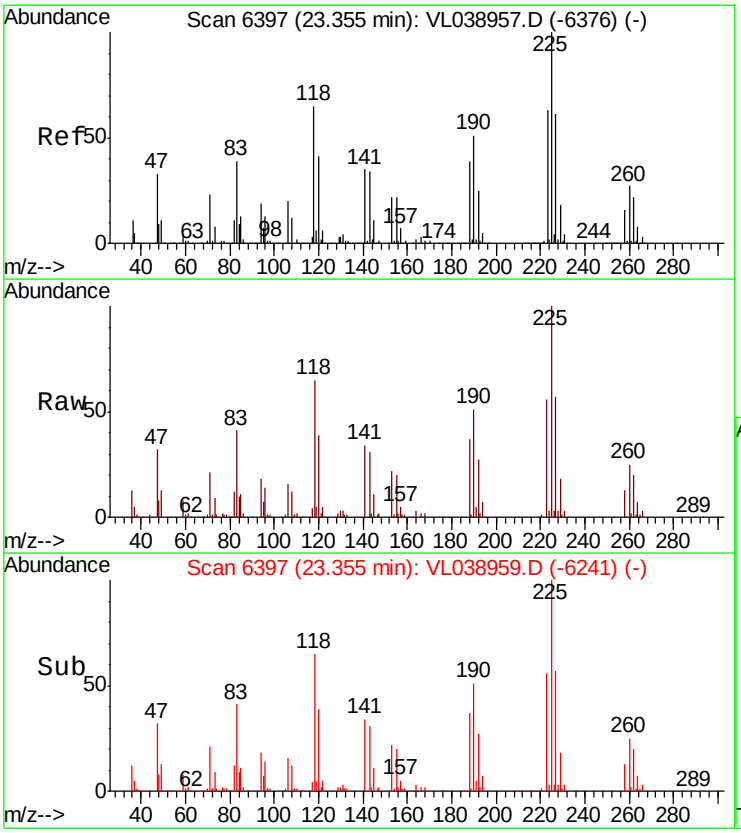
#77
1,2-Dichlorobenzene
Concen: 1.058 ppbv
RT: 17.80
Delta R.T
Lab File:
Acq: 5 May 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:146 Resp: 225378

Ion	Ratio	Lower	Upper
146	100		
111	50.6	25.3	75.9
148	62.7	32.3	96.9

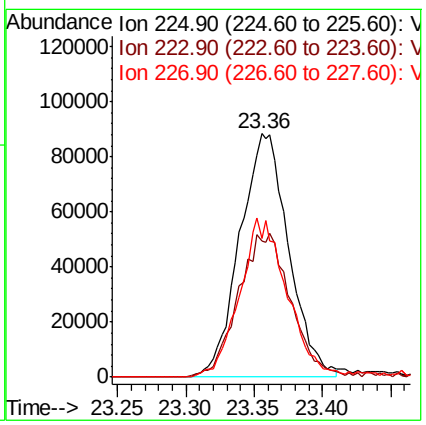


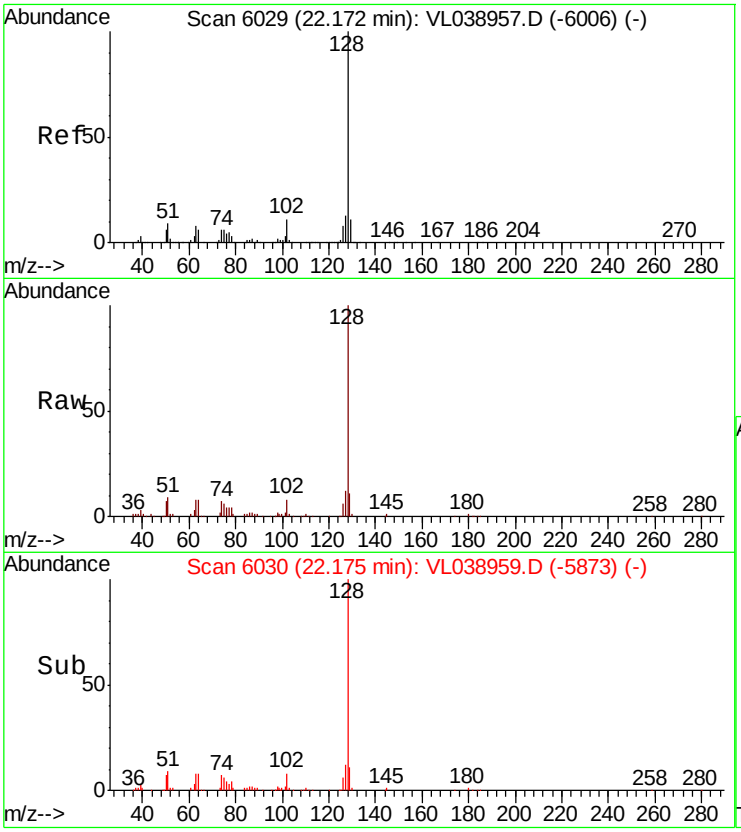


#78
Hexachloro-1,3-Butadiene
Concen: 1.147 ppbv
RT: 23.36 min Scan# 6397
Delta R.T. 0.00 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion:225 Resp: 219908

Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.4	77.0
227	64.5	51.4	77.0



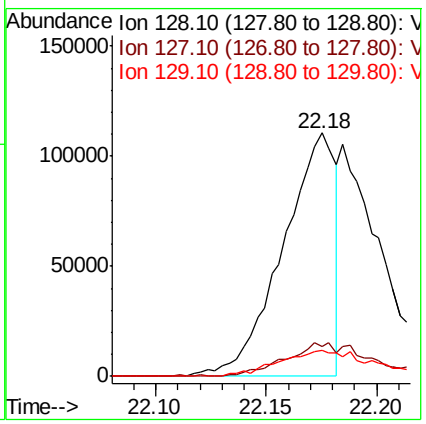


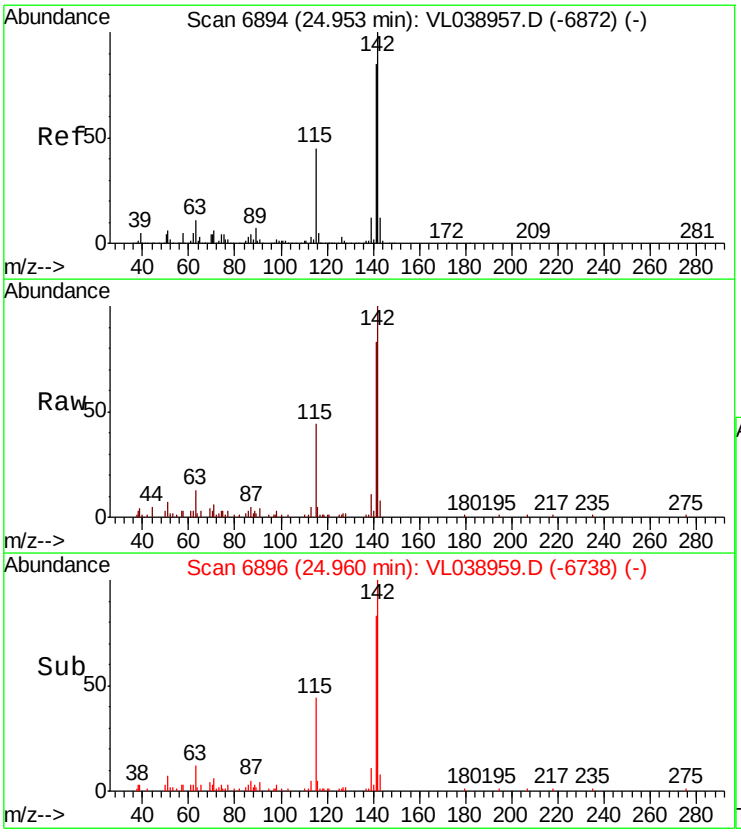
#79
Naphthalene
Concen: 0.736 ppbv
RT: 22.18
Delta R.T
Lab File:
Acq: 5 May 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:128 Resp: 182202

Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.2	15.2
129	10.8	8.9	13.3

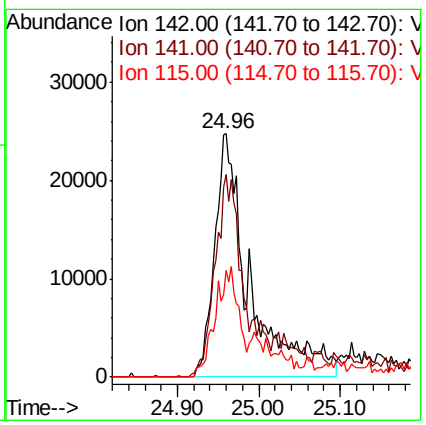


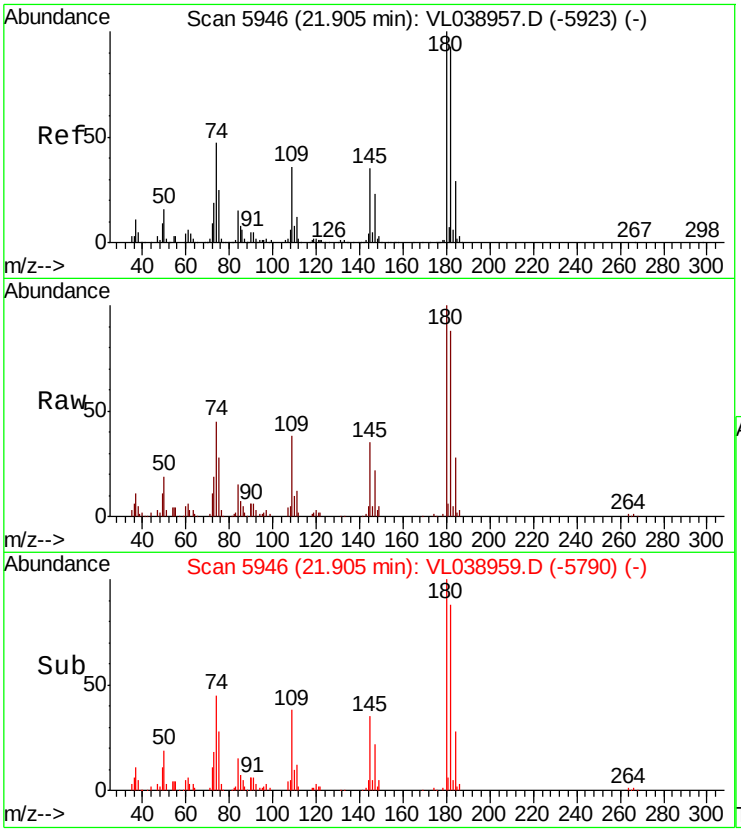


#80
Naphthalene,2-methyl-
Concen: 1.385 ppbv
RT: 24.96 min Scan# 6896
Delta R.T. 0.01 min
Lab File: VL038959.D
Acq: 5 May 2022 4:01

Tgt Ion:142 Resp: 74841

Ion	Ratio	Lower	Upper
142	100		
141	86.6	70.8	106.2
115	46.2	35.1	52.7





#81
1,2,4-Trichlorobenzene
Concen: 0.818 ppbv
RT: 21.91
Delta R.T
Lab File:
Acq: 5 May 2022 4:01

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:180 Resp: 122990

Ion	Ratio	Lower	Upper
180	100		
182	144.3	78.4	117.6#
184	45.4	24.4	36.6#