Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050522\
Data File : VL038965.D
Acq On : 5 May 2022 9:06
Operator : SY/AP
Sample : VL0505ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: May 05 09:42:45 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 07:41:27 2022
QLast Update : Thu May 05 07:41:27 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1283974	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3038656	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2577489	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2041048	10.00	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.05	85	154	0.001	ppbv #	43
3) Chlorodifluoromethane	2.98	51	320	0.002	ppbv #	57
4) Chloromethane	3.14	50	145	0.002	ppbv #	41
6) Bromomethane	3.46	94	66	0.002	ppbv #	1
7) Chloroethane	3.37	64	68	0.003	ppbv #	1
8) Dichlorotetrafluoroethane	3.18	85	92	0.001	ppbv #	1
9) Propene	3.01	41	1056	0.015	ppbv #	13
10) Heptane	8.10	43	269	0.002	ppbv #	27
11) Trichlorofluoromethane	3.95	101	205	0.001	ppbv #	18
12) 1,1,2-Trichlorotrifluoroet	4.50	101	96	0.001	ppbv #	24
13) Ethanol	3.61	45	151	0.028	ppbv #	31
14) Bromoethene	3.97	108	29	0.001	ppbv #	1
15) Acetone	3.83	43	146	0.001	ppbv #	48
16) 1,3-Butadiene	3.32	39	308	0.004	ppbv #	37
17) tert-Butyl alcohol	4.31	59	56	0.001	ppbv #	1
18) 1,1-Dichloroethene	4.22	96	94	0.002	ppbv #	1
19) Isopropyl Alcohol	3.98	45	240	0.004	ppbv #	1
20) Methylene Chloride	4.34	84	782	0.017	ppbv #	6
21) Allyl Chloride	4.42	41	202	0.002	ppbv #	33
22) trans-1,2-Dichloroethene	4.69	96	157	0.003	ppbv #	1
23) Vinyl Acetate	5.06	43	153	0.002	ppbv #	77
24) 1,1-Dichloroethane	5.01	63	93	0.001	ppbv #	89
25) Ethyl Acetate	5.66	43	155	0.001	ppbv #	75
26) Hexane	5.68	57	154	0.001	ppbv #	1
27) Carbon Disulfide	4.55	76	127	0.001	ppbv #	1
28) Methyl tert-Butyl Ether	4.76	73	106	0.001	ppbv	92
29) Chloroform	5.74	83	269	0.001	ppbv #	57
30) Cyclohexane	7.12	84	46	0.000	ppbv #	1
31) cis-1,2-Dichloroethene	5.54	61	146	0.001	ppbv #	27
32) 1,1,1-Trichloroethane	6.50	97	35	0.000	ppbv #	22
34) 2-Butanone	5.23	43	277	0.002	ppbv #	54
35) Carbon Tetrachloride	7.21	117	65	0.000	ppbv #	78
36) Benzene	6.88	78	212	0.001	ppbv #	54
37) 1,2-Dichloroethane	6.29	62	53	0.000	ppbv #	83
38) Trichloroethene	7.83	130	462	0.004	ppbv #	21
39) 1,2-Dichloropropane	7.16	63	832051	8.223	ppbv #	27
40) 1,4-Dioxane	7.81	88	175	0.005	ppbv #	1
41) Tetrahydrofuran	6.04	42	223	0.002	ppbv #	36
42) Bromodichloromethane	7.77	83	242	0.001	ppbv #	24
43) Methyl Methacrylate	8.05	69	234	0.002	ppbv #	55
44) 2,2,4-Trimethylpentane	7.85	57	223	0.000	ppbv #	43

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050522\
Data File : VL038965.D
Acq On : 5 May 2022 9:06
Operator : SY/AP
Sample : VL0505ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: May 05 09:42:45 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 07:41:27 2022
QLast Update : Thu May 05 07:41:27 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
45) t-1,3-Dichloropropene	9.21	75	82	0.001 ppbv #	44
46) cis-1,3-Dichloropropene	8.69	75	67	0.000 ppbv #	18
47) 1,1,2-Trichloroethane	9.16	97	72	0.001 ppbv #	14
49) Bromoform	13.05	173	63	0.000 ppbv #	21
50) 4-Methyl-2-Pentanone	8.73	43	60	0.000 ppbv #	39
51) 2-Hexanone	10.11	43	36	0.000 ppbv #	10
52) Tetrachloroethene	11.20	164	34	0.000 ppbv #	1
53) Toluene	9.79	91	467	0.002 ppbv #	21
54) 1,2-Dibromoethane	10.31	107	124	0.001 ppbv #	3
56) 1,1,1,2-Tetrachloroethane	12.20	131	78	0.001 ppbv #	1
57) Chlorobenzene	12.13	112	383	0.002 ppbv #	46
58) Ethyl Benzene	12.97	91	446	0.001 ppbv	91
59) m/p-Xylene	12.97	91	446	0.001 ppbv #	33
60) o-Xylene	13.67	91	134	0.000 ppbv	84
61) Styrene	13.51	104	124	0.001 ppbv #	1
62) Isopropylbenzene	14.37	105	305	0.001 ppbv	95
63) 1,1,2,2-Tetrachloroethane	13.66	83	291	0.002 ppbv #	24
64) n-propylbenzene	15.56	120	103	0.001 ppbv #	1
65) tert-Butylbenzene	16.72	119	126	0.000 ppbv #	15
66) Benzyl Chloride	16.96	91	102	0.002 ppbv #	70
67) sec-Butylbenzene	17.27	105	151	0.000 ppbv #	60
69) p-Isopropyltoluene	17.63	119	343	0.001 ppbv #	47
70) n-Butylbenzene	18.52	91	357	0.001 ppbv #	53
71) 2-Chlorotoluene	15.43	91	430	0.001 ppbv #	45
72) 4-Ethyltoluene	15.82	105	161	0.000 ppbv #	55
73) 1,3,5-Trimethylbenzene	15.98	105	136	0.000 ppbv #	33
74) 1,2,4-Trimethylbenzene	16.73	105	160	0.000 ppbv #	64
75) 1,3-Dichlorobenzene	16.97	146	334	0.002 ppbv #	1
76) 1,4-Dichlorobenzene	17.11	146	166	0.001 ppbv #	1
77) 1,2-Dichlorobenzene	17.79	146	187	0.001 ppbv #	22
78) Hexachloro-1,3-Butadiene	23.34	225	269	0.002 ppbv #	18
79) Naphthalene	22.16	128	180	0.001 ppbv #	69
80) Naphthalene,2-methyl-	24.93	142	172	0.002 ppbv #	23
81) 1,2,4-Trichlorobenzene	21.89	180	61	0.000 ppbv #	11

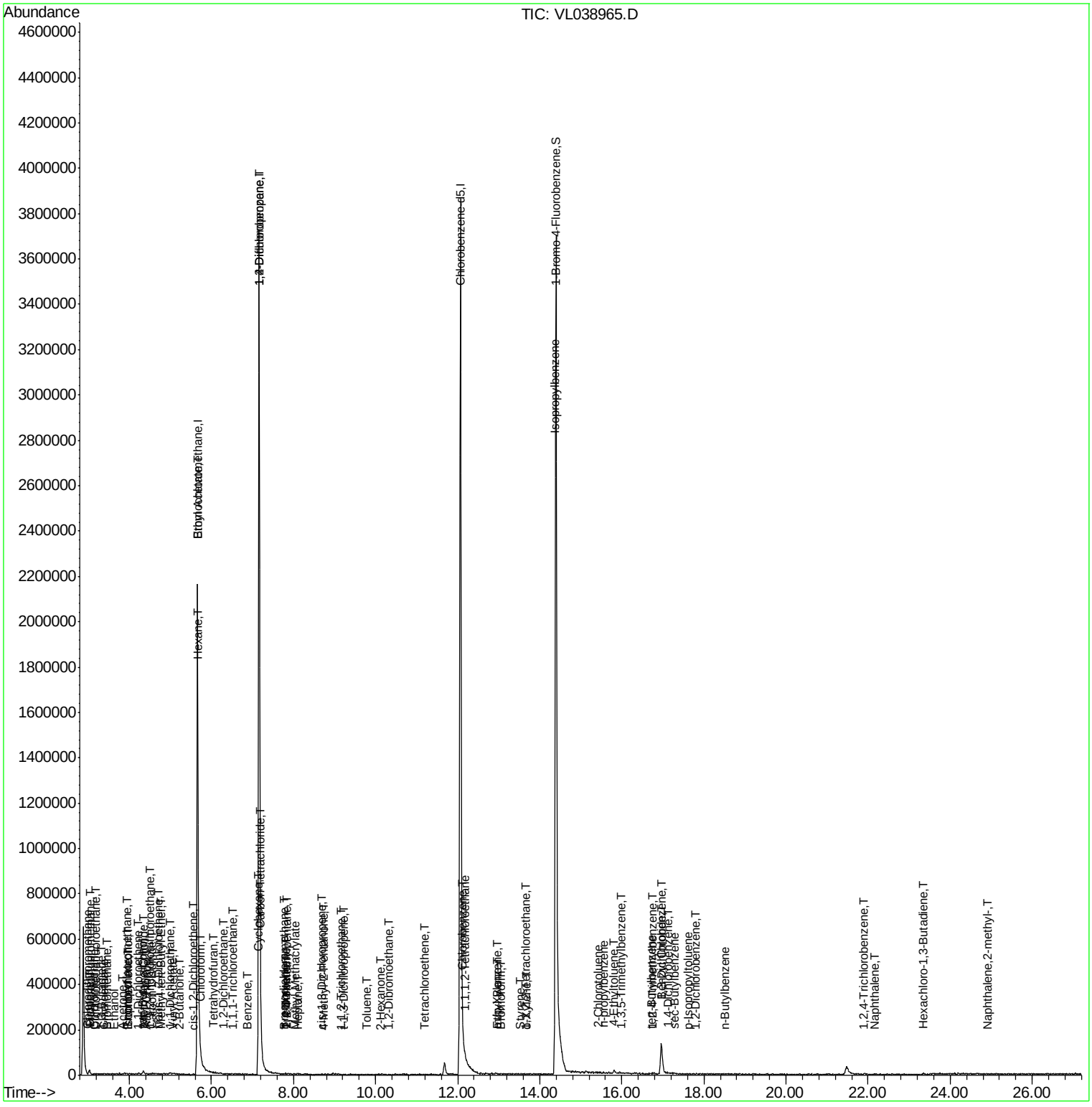
(#) = qualifier out of range (m) = manual integration (+) = signals summed

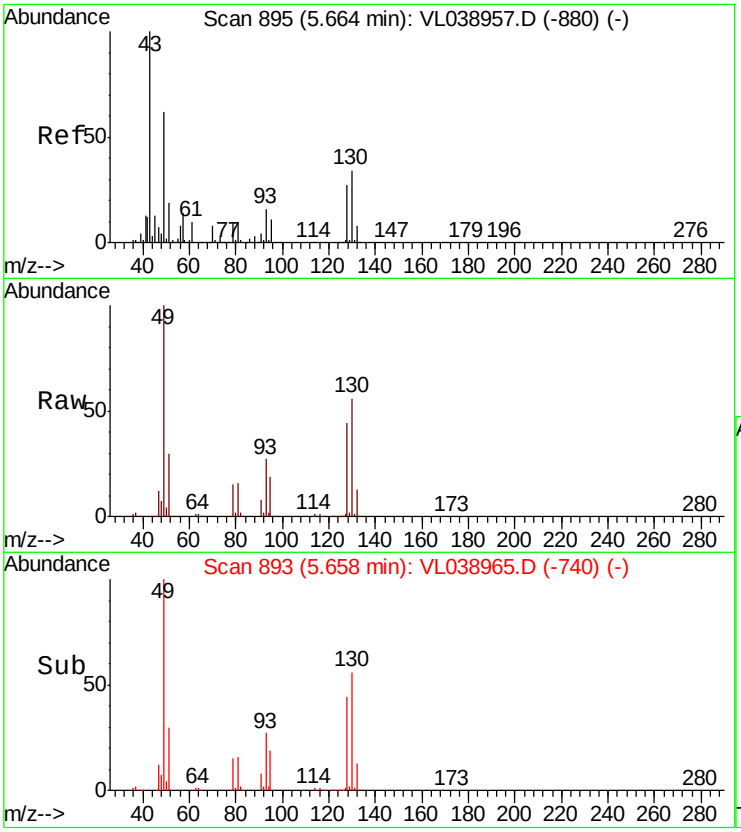
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050522\
Data File : VL038965.D
Acq On : 5 May 2022 9:06
Operator : SY/AP
Sample : VL0505ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: May 05 09:42:45 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 07:41:27 2022
QLast Update : Thu May 05 07:41:27 2022
Response via : Initial Calibration



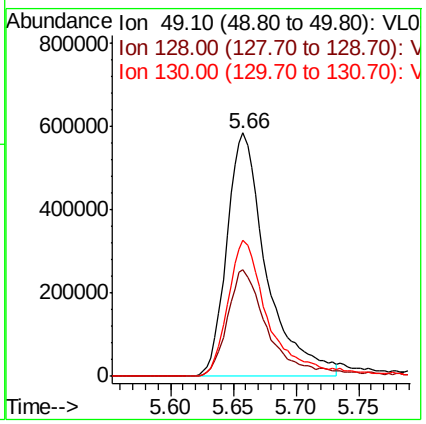


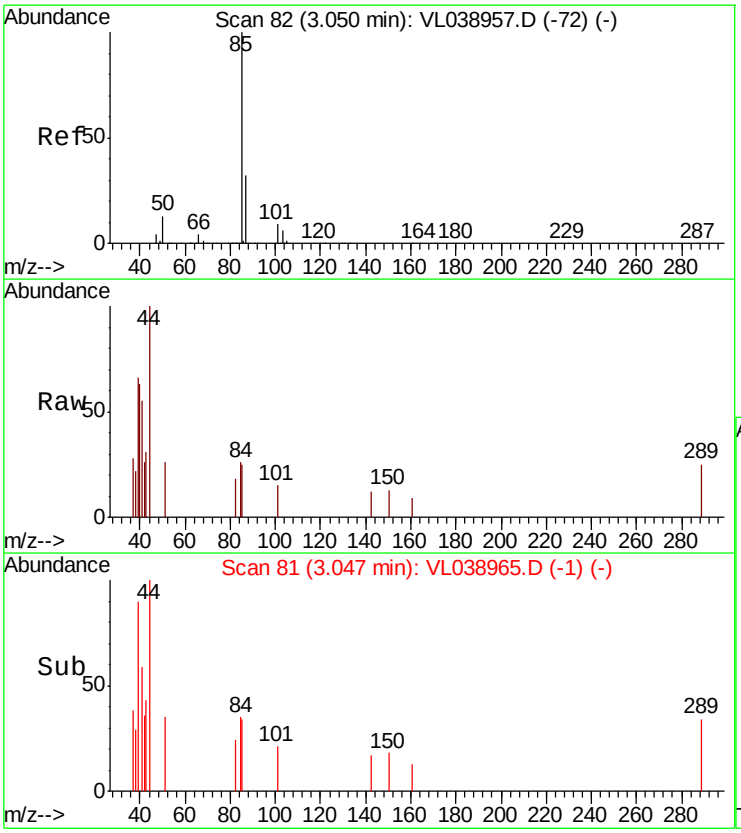
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 5 May 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1283974

Ion	Ratio	Lower	Upper
49	100		
128	47.1	23.3	69.8
130	59.6	29.8	89.3

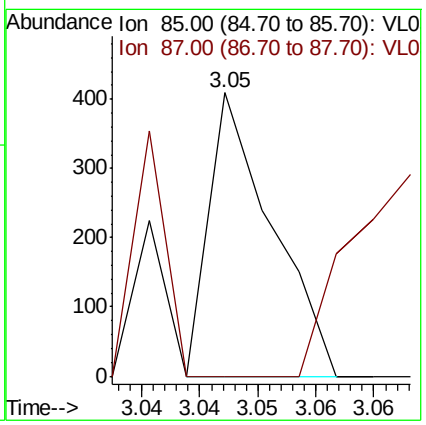


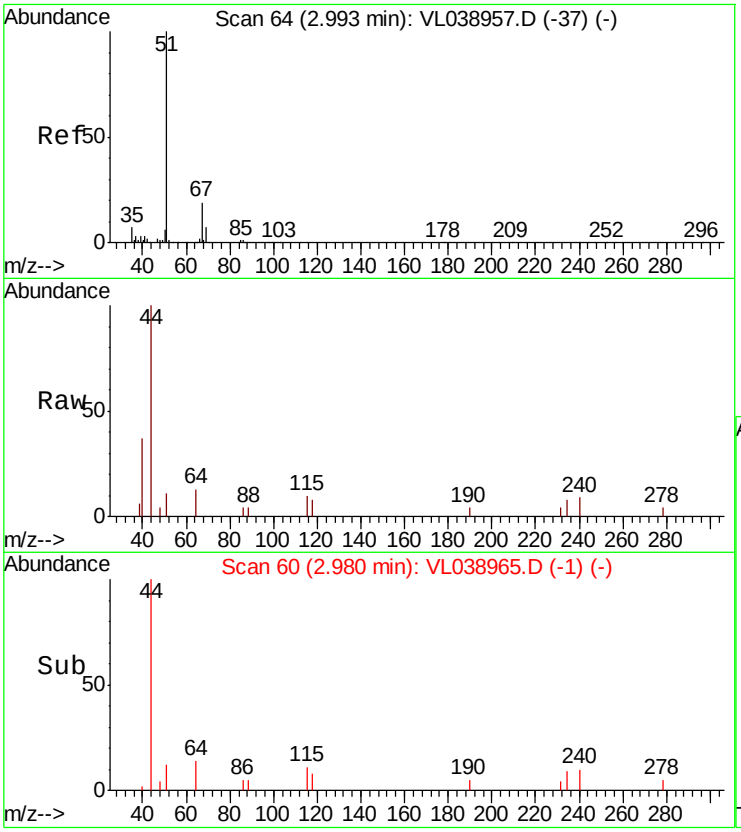


#2
Dichlorodifluoromethane
Concen: 0.001 ppbv
RT: 3.05 min Scan# 81
Delta R.T. -0.00 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion: 85 Resp: 154

Ion	Ratio	Lower	Upper
85	100		
87	0.0	25.7	38.5#



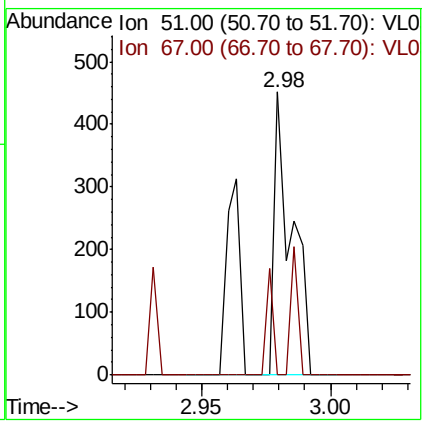


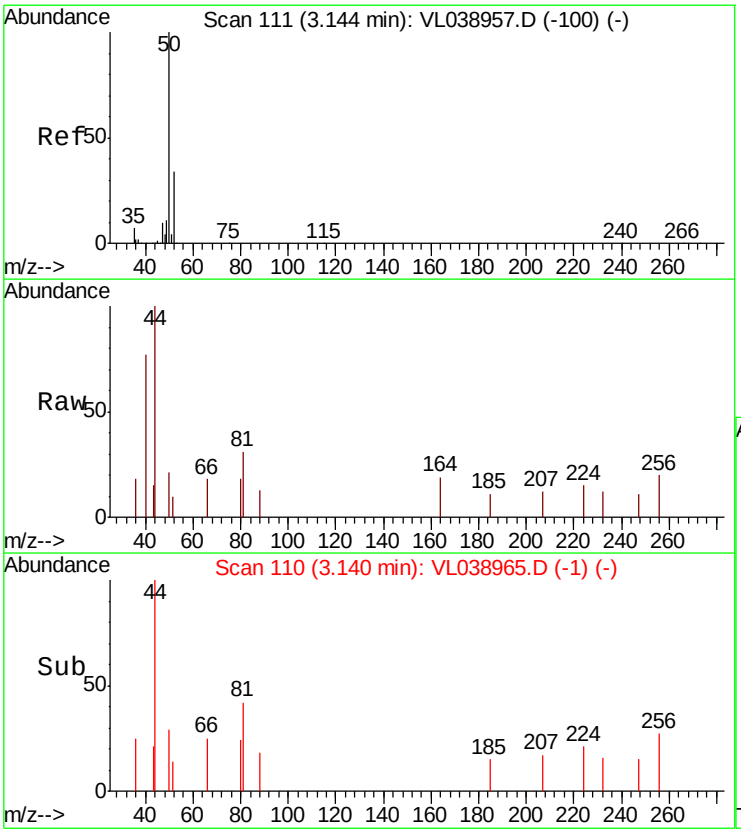
#3
Chlorodifluoromethane
Concen: 0.002 ppbv
RT: 2.98
Delta R.T
Lab File:
Acq: 5 May 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 320

Ion	Ratio	Lower	Upper
51	100		
67	0.0	15.8	23.8#

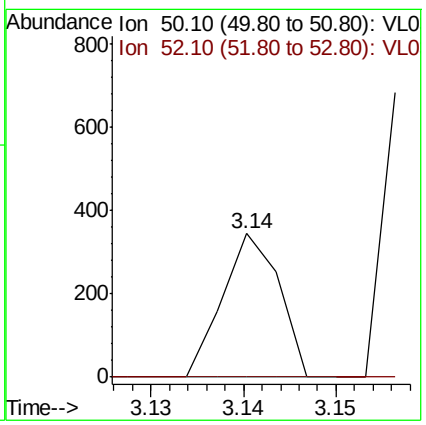


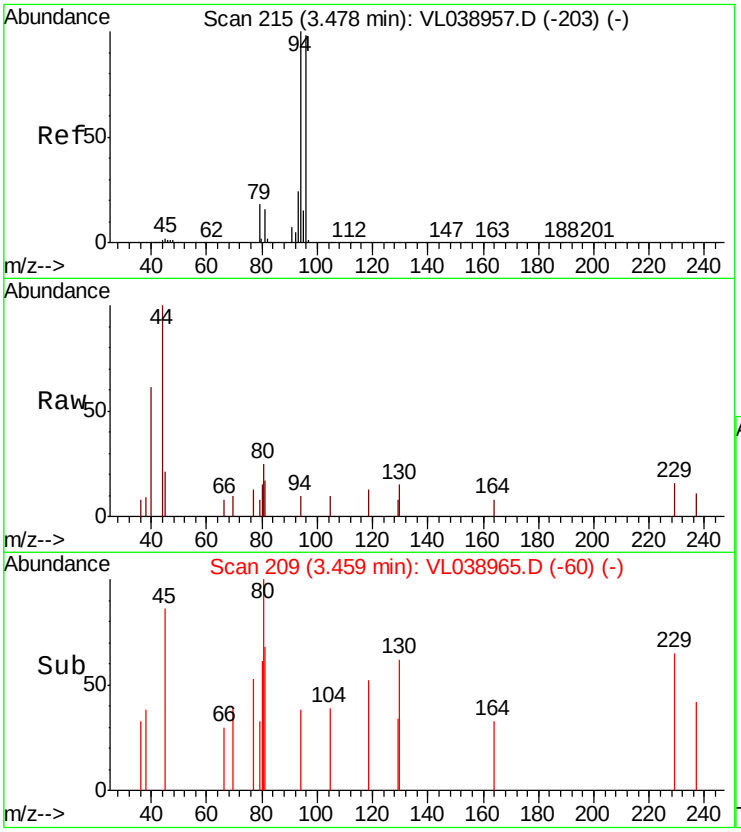


#4
Chloromethane
Concen: 0.002 ppbv
RT: 3.14 min Scan# 110
Delta R.T. -0.00 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion: 50 Resp: 145

Ion	Ratio	Lower	Upper
50	100		
52	0.0	27.3	40.9#



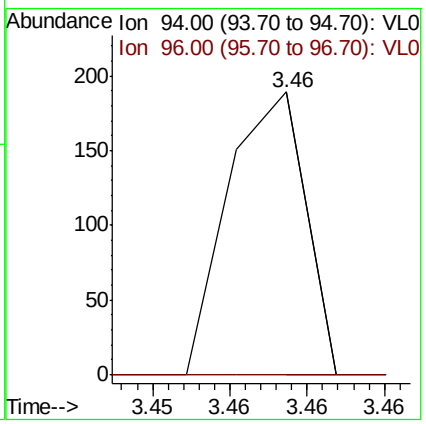


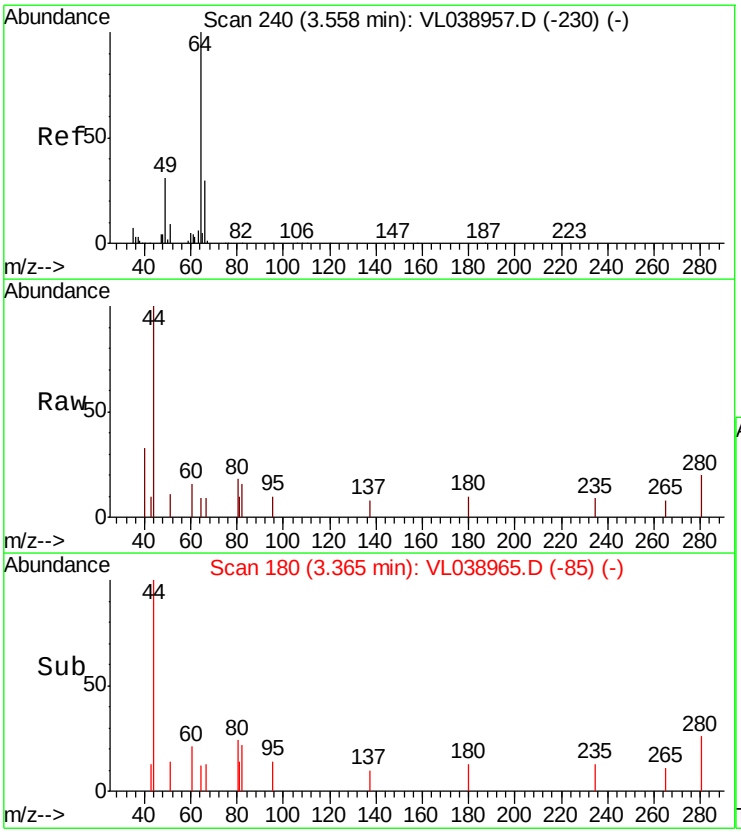
#6
Bromomethane
Concen: 0.002 ppbv
RT: 3.46
Delta R.T
Lab File:
Acq: 5 May 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 94 Resp: 66

Ion	Ratio	Lower	Upper
94	100		
96	0.0	78.1	117.1#

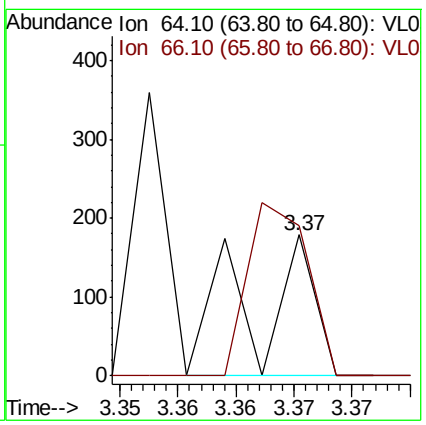


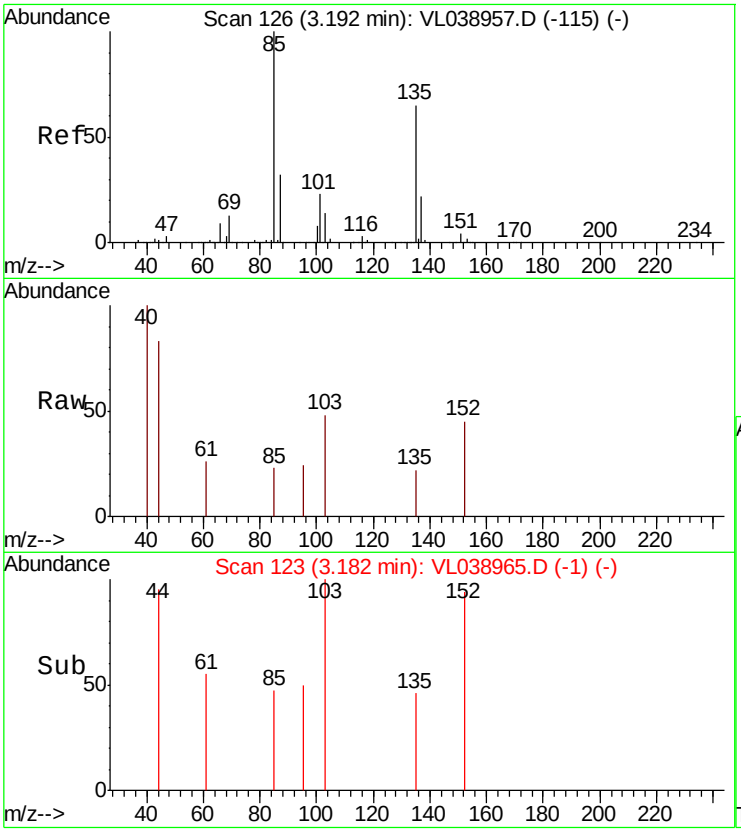


#7
Chloroethane
Concen: 0.003 ppbv
RT: 3.37 min Scan# 180
Delta R.T. -0.19 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion: 64 Resp: 68

Ion	Ratio	Lower	Upper
64	100		
66	106.7	23.8	35.8#



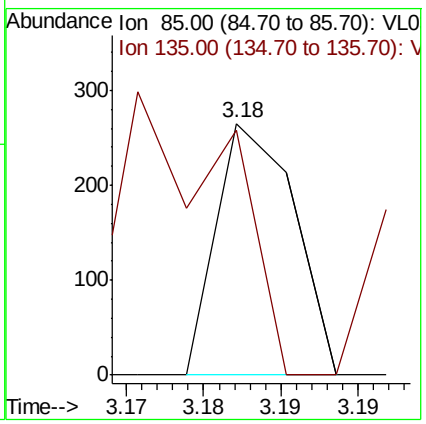


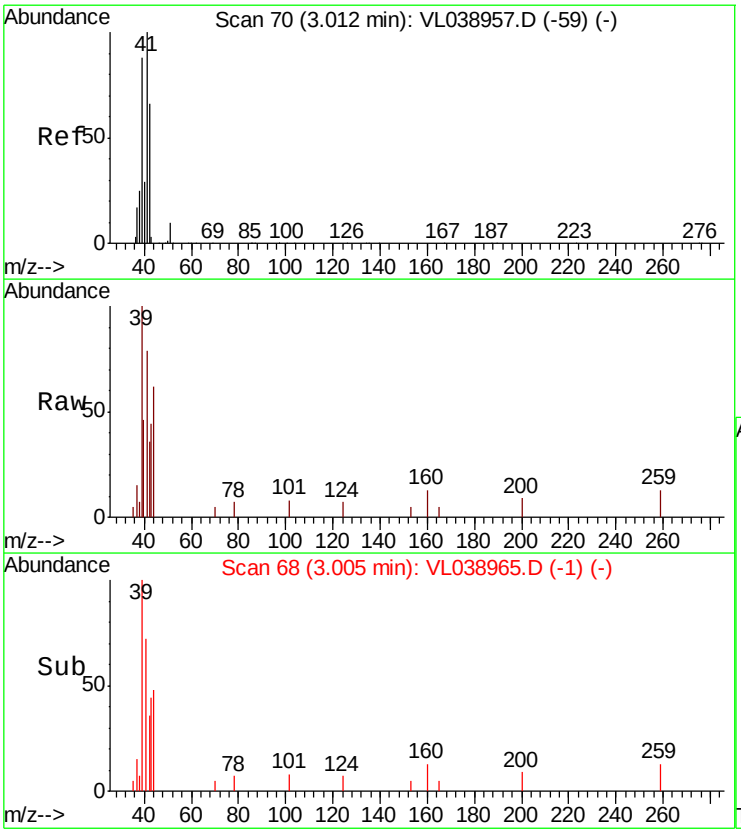
#8
Dichlorotetrafluoroethane
Concen: 0.001 ppbv
RT: 3.18
Delta R.T
Lab File:
Acq: 5 May 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 85 Resp: 92

Ion	Ratio	Lower	Upper
85	100		
135	222.8	53.6	80.4#

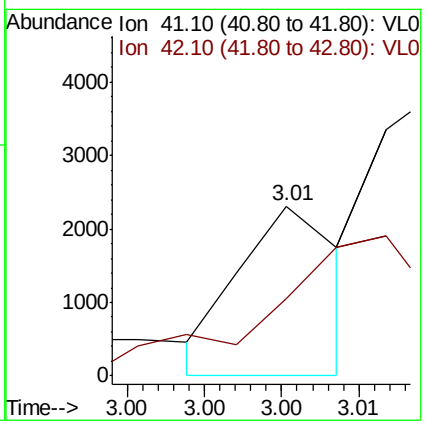


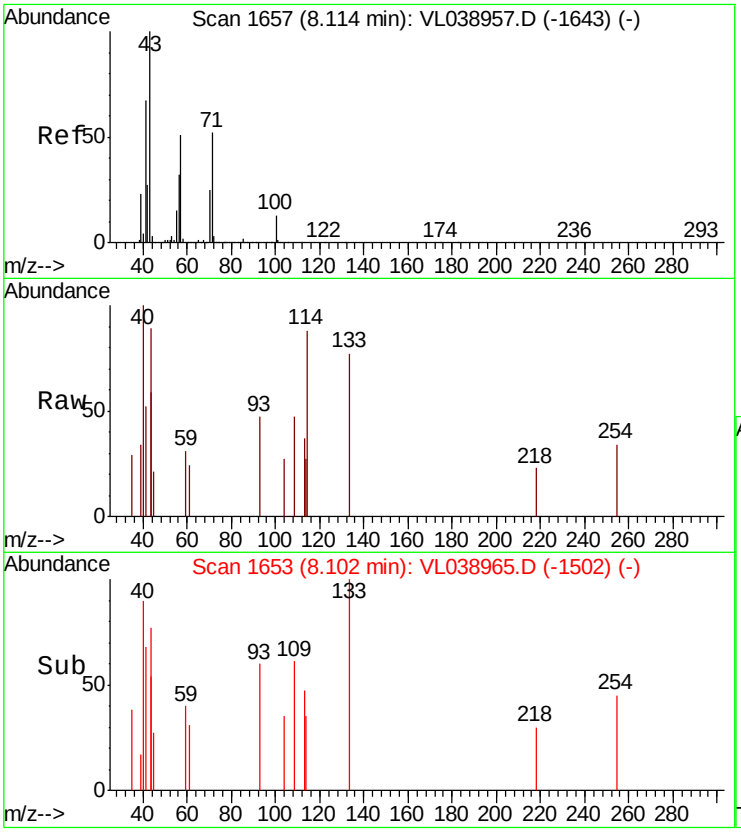


#9
Propene
Concen: 0.015 ppbv
RT: 3.01 min Scan# 68
Delta R.T. -0.01 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion: 41 Resp: 1056

Ion	Ratio	Lower	Upper
41	100		
42	0.0	58.3	87.5#



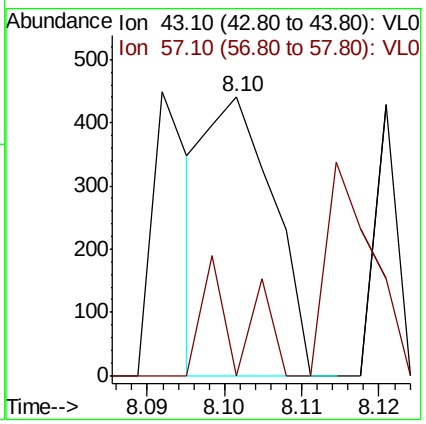


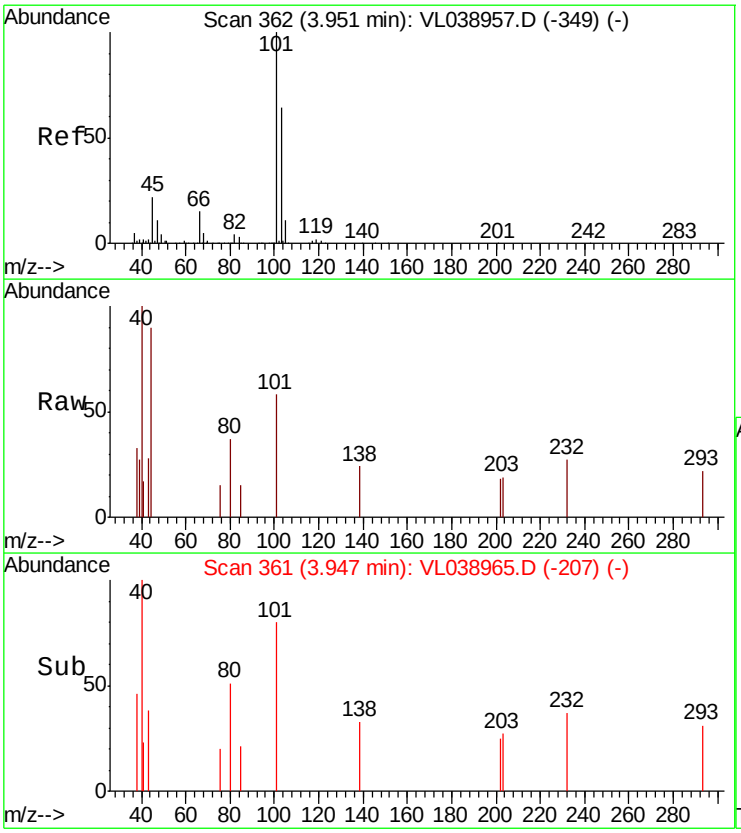
#10
Heptane
Concen: 0.002 ppbv
RT: 8.10
Delta R.T
Lab File:
Acq: 5 May 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 269

Ion	Ratio	Lower	Upper
43	100		
57	0.0	40.5	60.7#

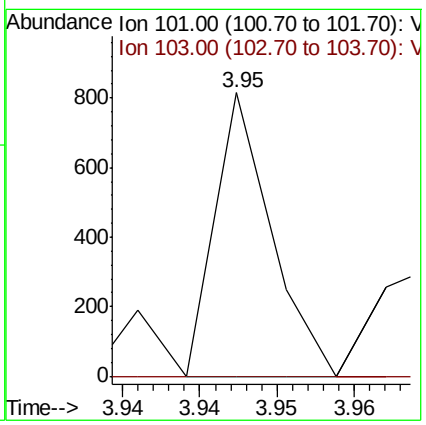


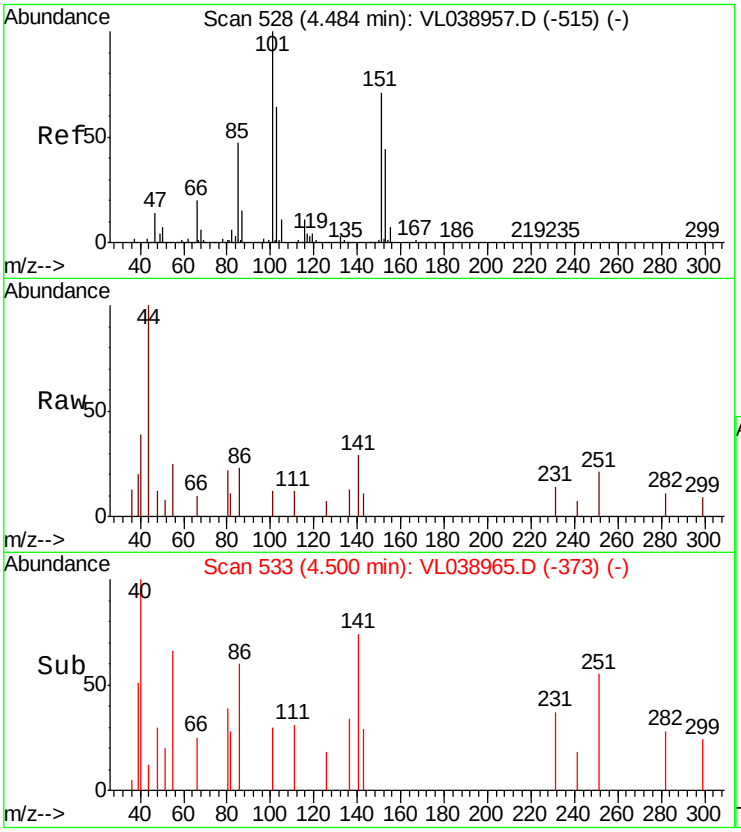


#11
Trichlorofluoromethane
Concen: 0.001 ppbv
RT: 3.95 min Scan# 361
Delta R.T. -0.00 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion:101 Resp: 205

Ion	Ratio	Lower	Upper
101	100		
103	0.0	51.5	77.3#



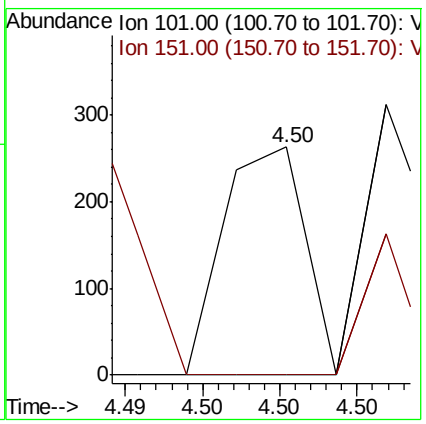


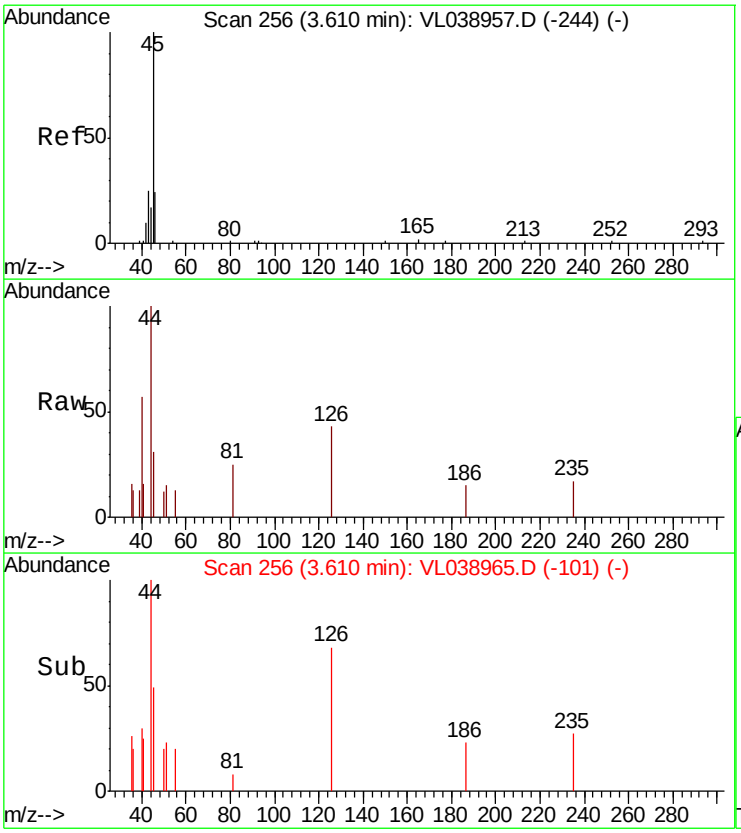
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.001 ppbv
RT: 4.50
Delta R.T
Lab File:
Acq: 5 May 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 96

Ion	Ratio	Lower	Upper
101	100		
151	131.3	55.4	83.0#

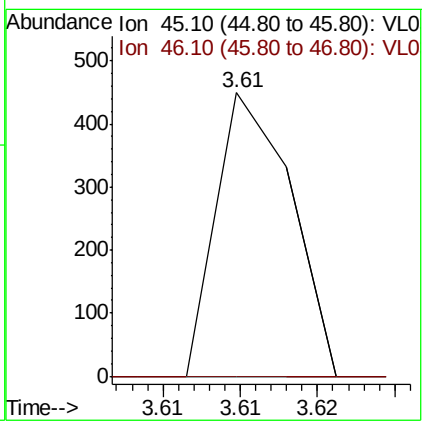


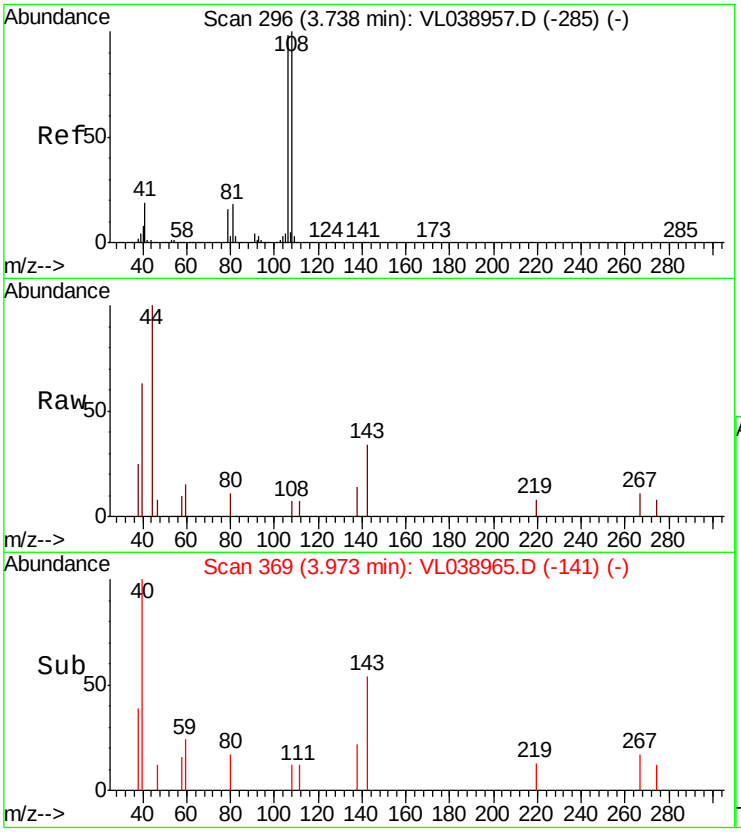


#13
Ethanol
Concen: 0.028 ppbv
RT: 3.61 min Scan# 256
Delta R.T. -0.00 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion: 45 Resp: 151

Ion	Ratio	Lower	Upper
45	100		
46	0.0	18.0	72.2#



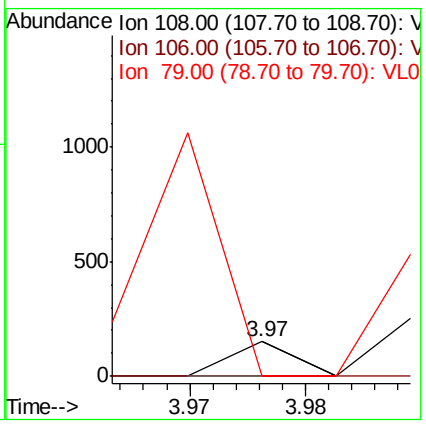


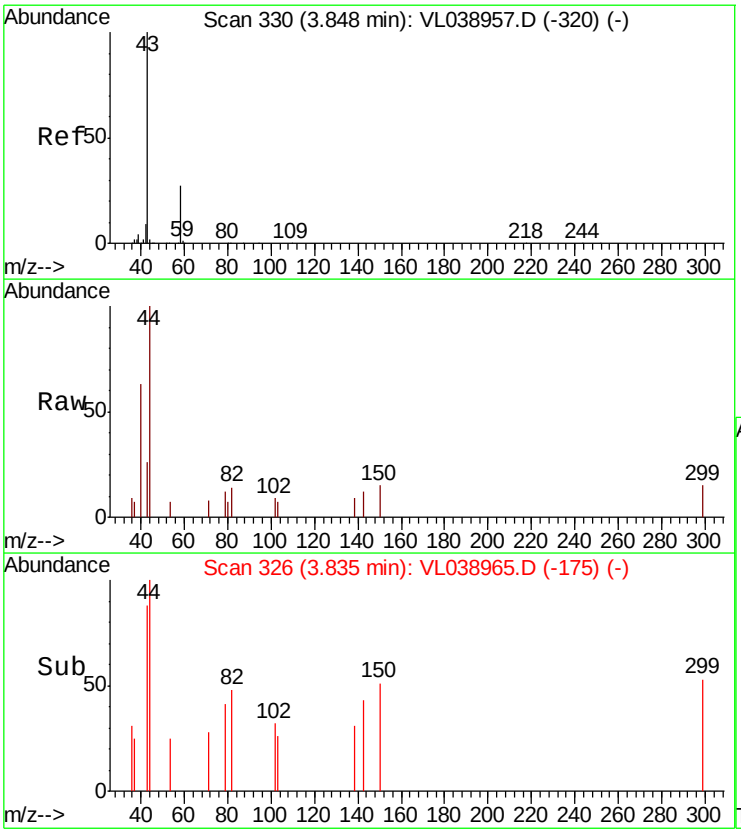
#14
Bromoethene
Concen: 0.001 ppbv
RT: 3.97
Delta R.T
Lab File:
Acq: 5 May 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:108 Resp: 29

Ion	Ratio	Lower	Upper
108	100		
106	0.0	90.3	135.5#
79	2534.5	14.9	22.3#

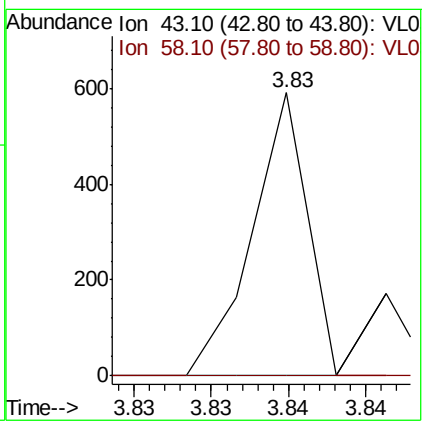


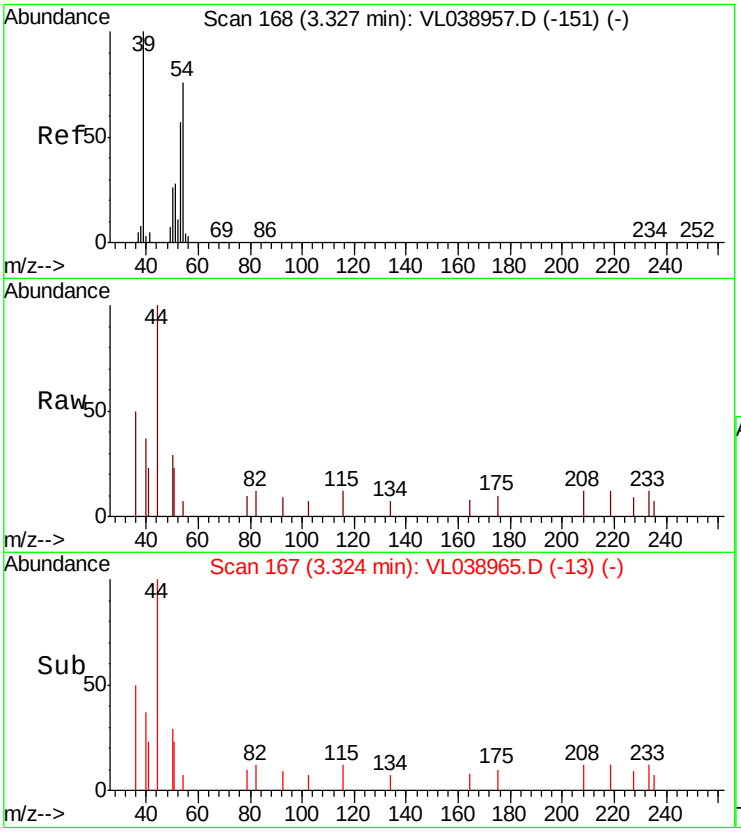


#15
Acetone
Concen: 0.001 ppbv
RT: 3.83 min Scan# 326
Delta R.T. -0.01 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion: 43 Resp: 146

Ion	Ratio	Lower	Upper
43	100		
58	0.0	21.3	31.9#



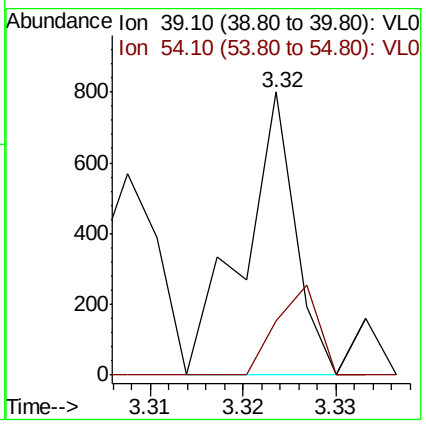


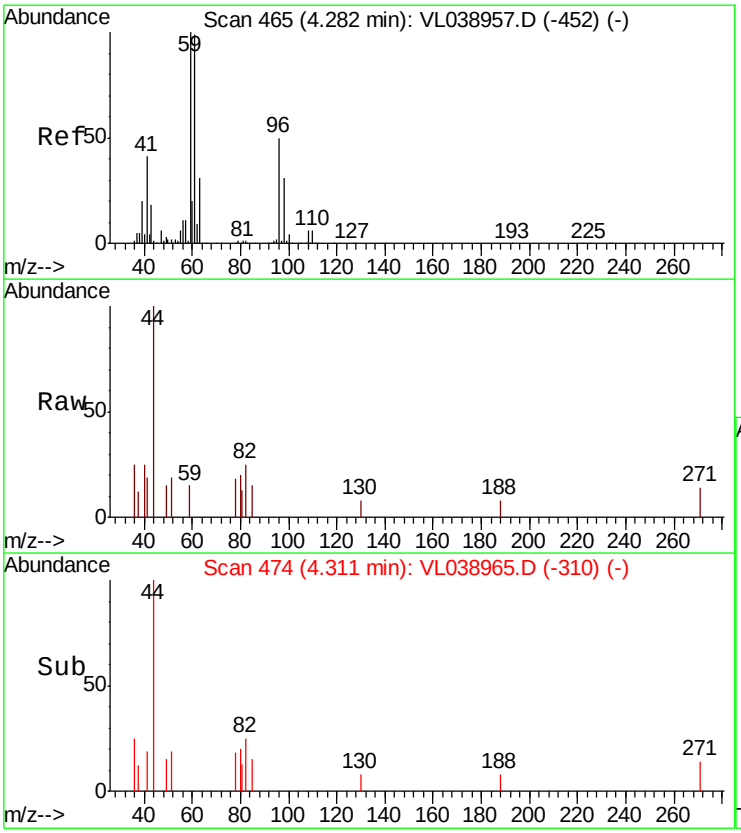
#16
1,3-Butadiene
Concen: 0.004 ppbv
RT: 3.32
Delta R.T
Lab File:
Acq: 5 May 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 39 Resp: 308

Ion	Ratio	Lower	Upper
39	100		
54	25.3	65.2	97.8#

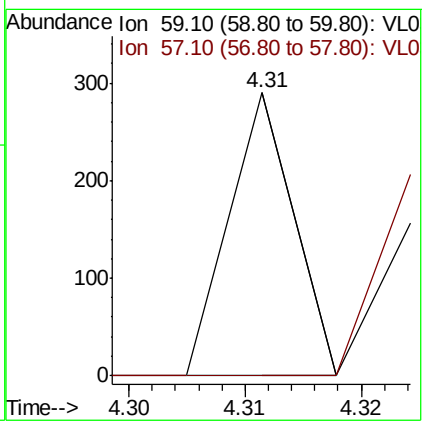


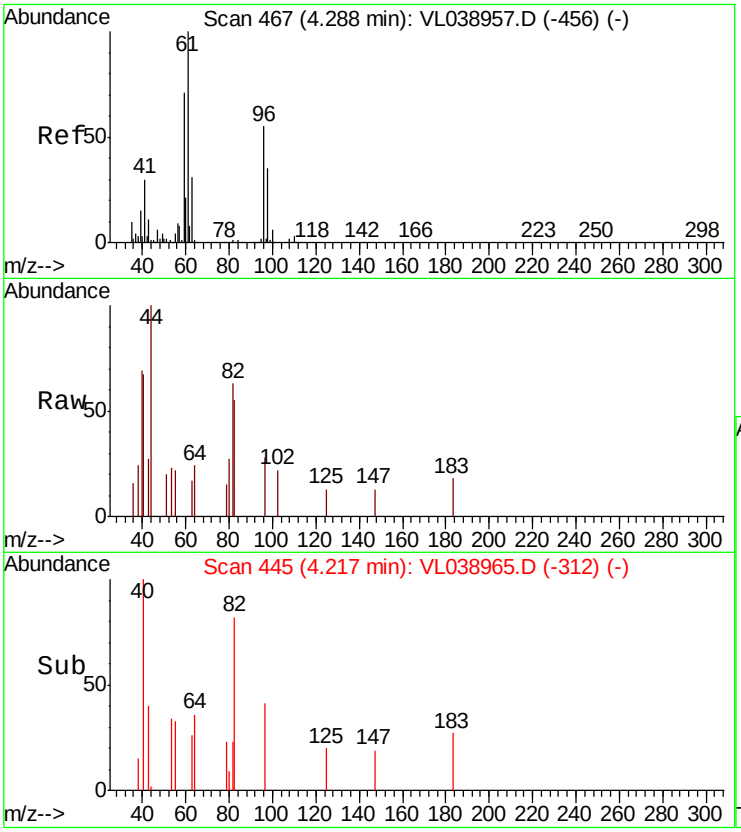


#17
tert-Butyl alcohol
Concen: 0.001 ppbv
RT: 4.31 min Scan# 474
Delta R.T. 0.03 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion: 59 Resp: 56

Ion	Ratio	Lower	Upper
59	100		
57	71.4	9.2	13.8#



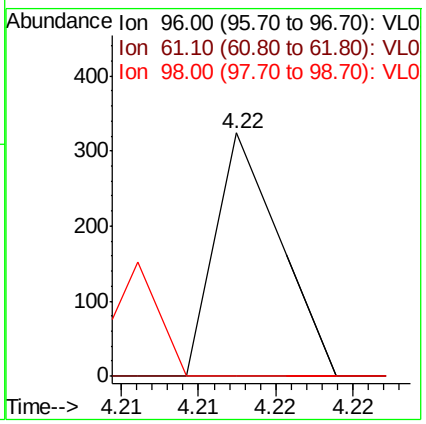


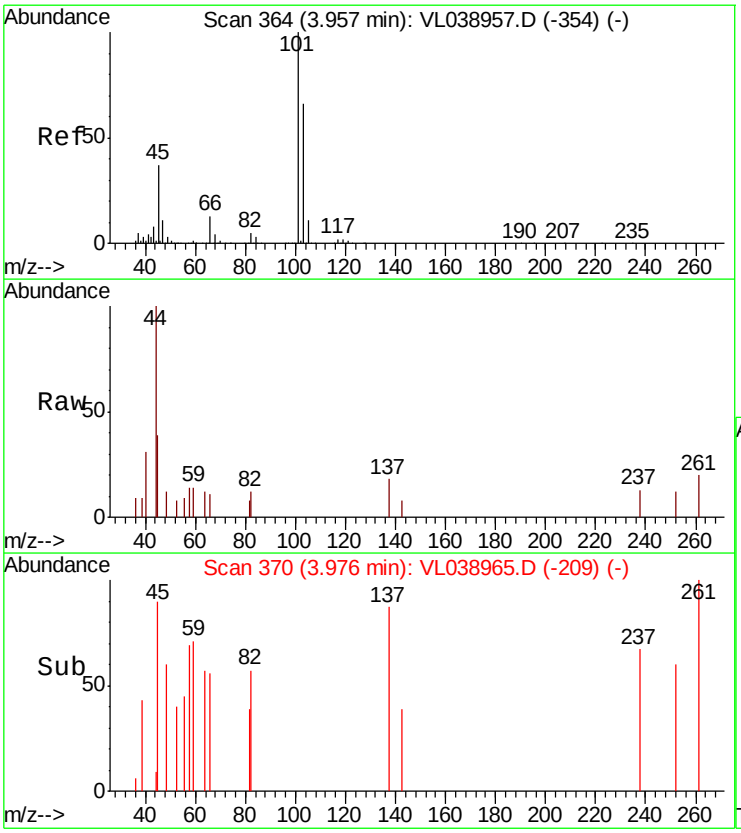
#18
1,1-Dichloroethene
Concen: 0.002 ppbv
RT: 4.22
Delta R.T
Lab File:
Acq: 5 May 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 96 Resp: 94

Ion	Ratio	Lower	Upper
96	100		
61	0.0	146.3	219.5#
98	0.0	50.6	75.8#

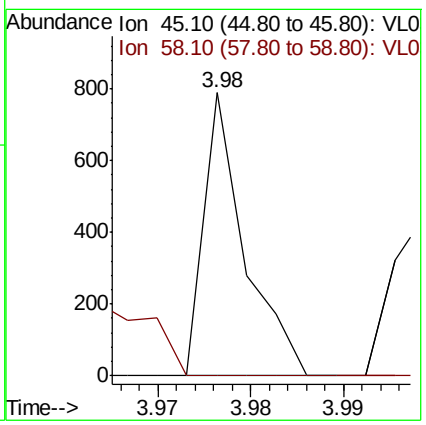


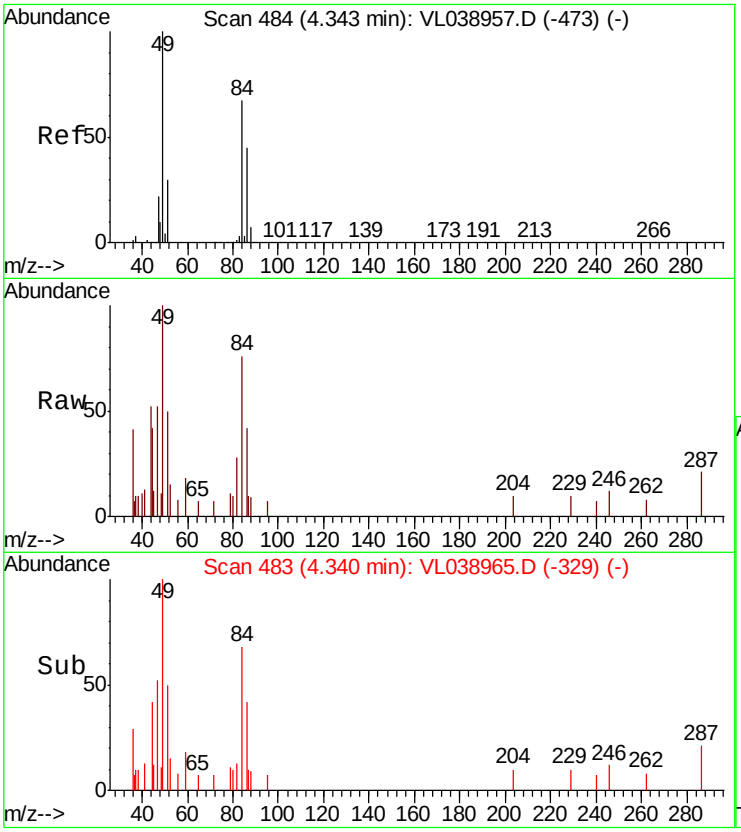


#19
Isopropyl Alcohol
Concen: 0.004 ppbv
RT: 3.98 min Scan# 370
Delta R.T. 0.02 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion: 45 Resp: 240

Ion	Ratio	Lower	Upper
45	100		
58	41.7	1.4	2.2#



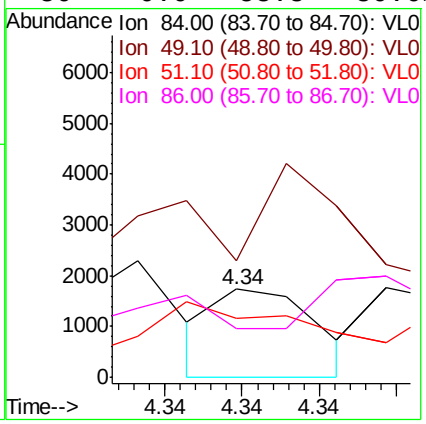


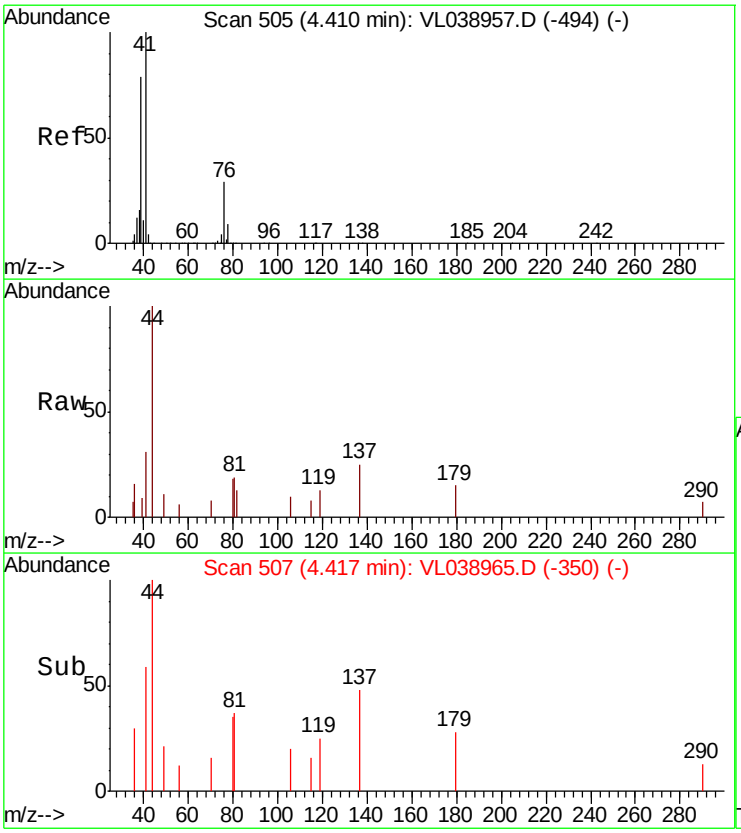
#20
Methylene Chloride
Concen: 0.017 ppbv
RT: 4.34
Delta R.T
Lab File:
Acq: 5 May 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 782

Ion	Ratio	Lower	Upper
84	100		
49	0.0	119.9	179.9#
51	25.4	35.7	53.5#
86	0.0	53.8	80.6#

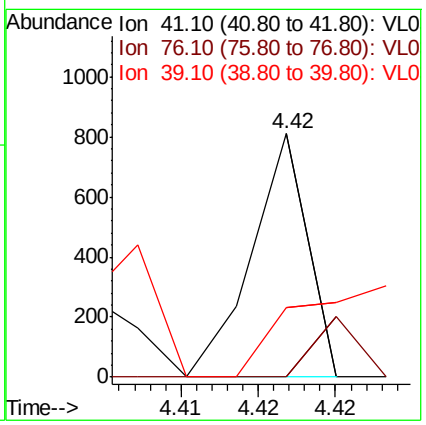


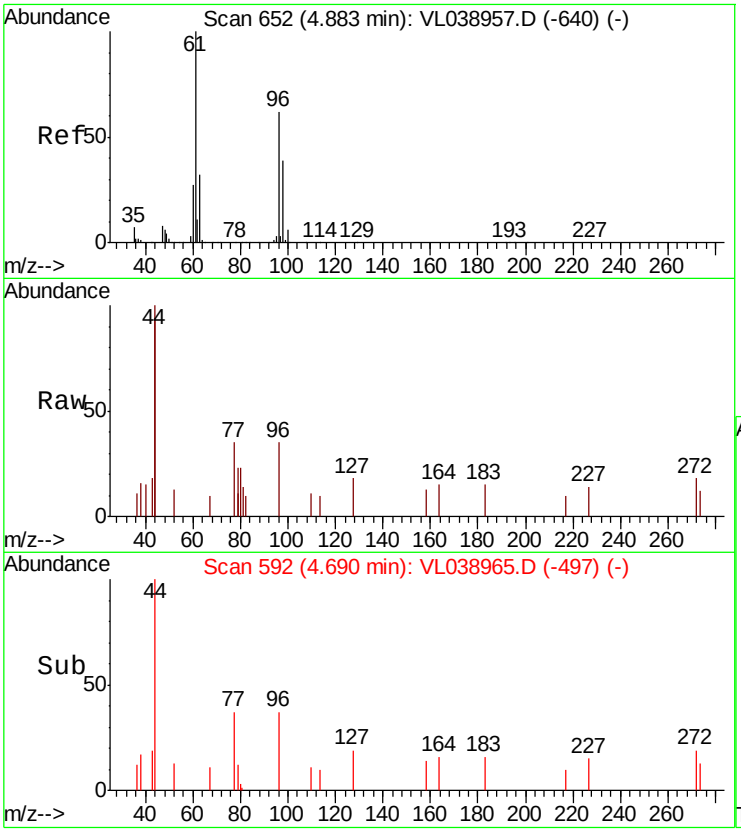


#21
Allyl Chloride
Concen: 0.002 ppbv
RT: 4.42 min Scan# 507
Delta R.T. 0.01 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion: 41 Resp: 202

Ion	Ratio	Lower	Upper
41	100		
76	0.0	24.2	36.4#
39	142.6	63.8	95.8#



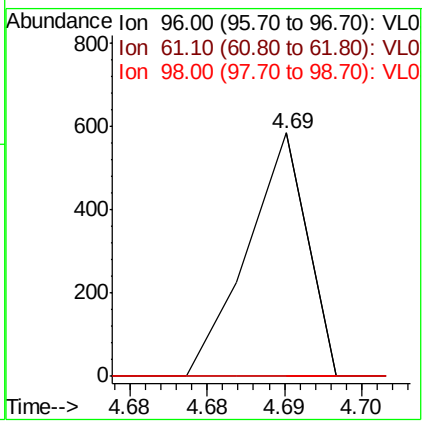


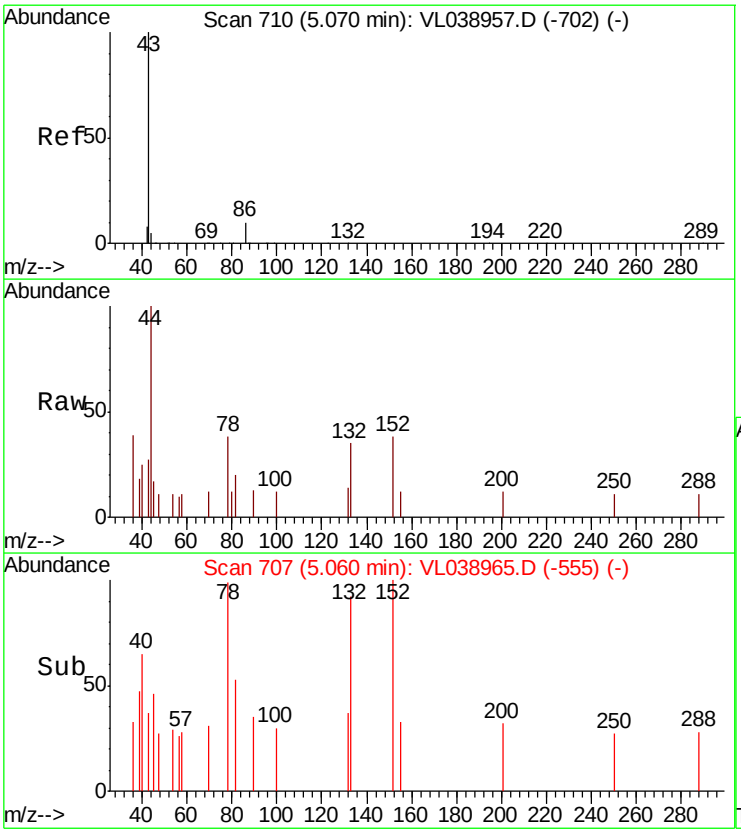
#22
trans-1,2-Dichloroethene
Concen: 0.003 ppbv
RT: 4.69
Delta R.T
Lab File:
Acq: 5 May 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 96 Resp: 157

Ion	Ratio	Lower	Upper
96	100		
61	0.0	128.2	192.2#
98	0.0	50.1	75.1#

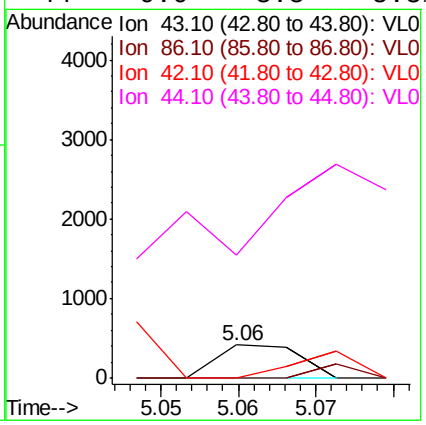


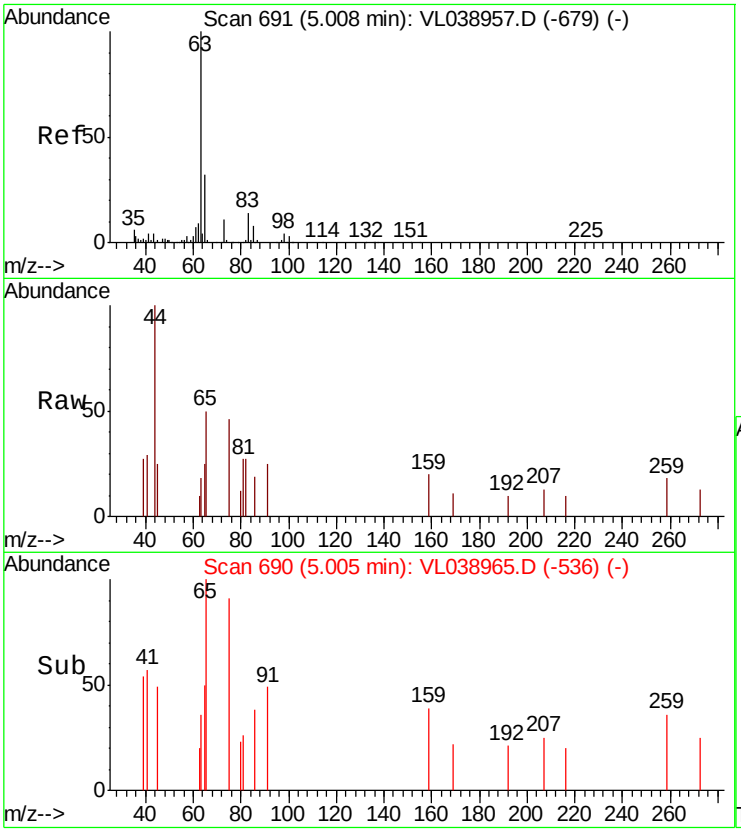


#23
Vinyl Acetate
Concen: 0.002 ppbv
RT: 5.06 min Scan# 707
Delta R.T. -0.01 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion: 43 Resp: 153

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.6	9.8#
42	0.0	8.1	12.1#
44	0.0	3.5	5.3#



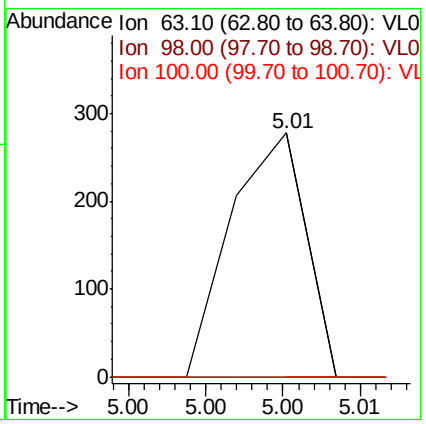


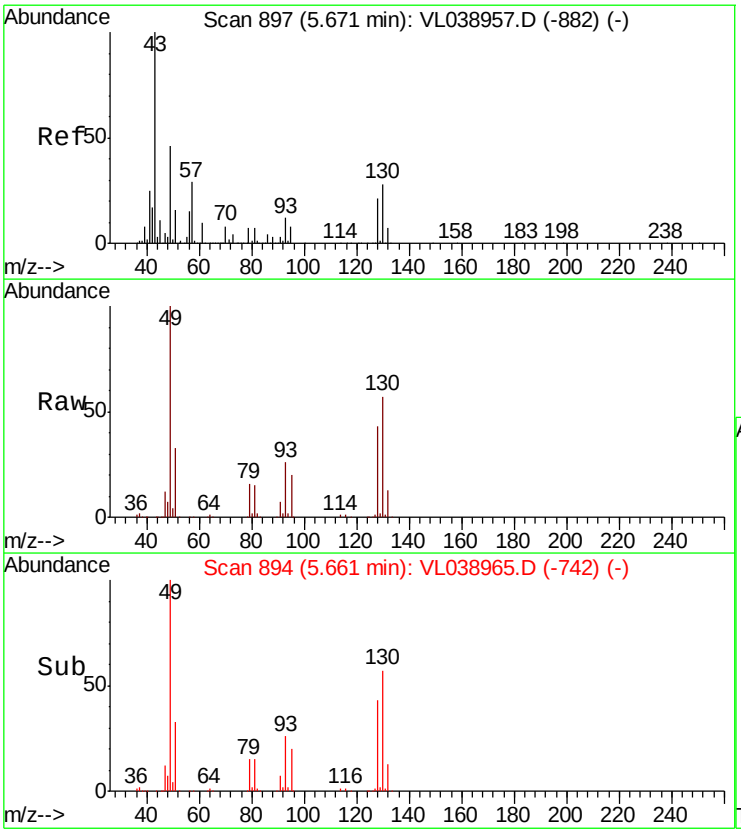
#24
1,1-Dichloroethane
Concen: 0.001 ppbv
RT: 5.01
Delta R.T
Lab File:
Acq: 5 May 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 93

Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.1	6.2#
100	0.0	1.4	4.2#

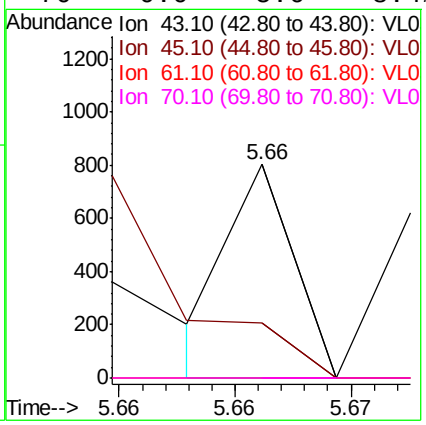


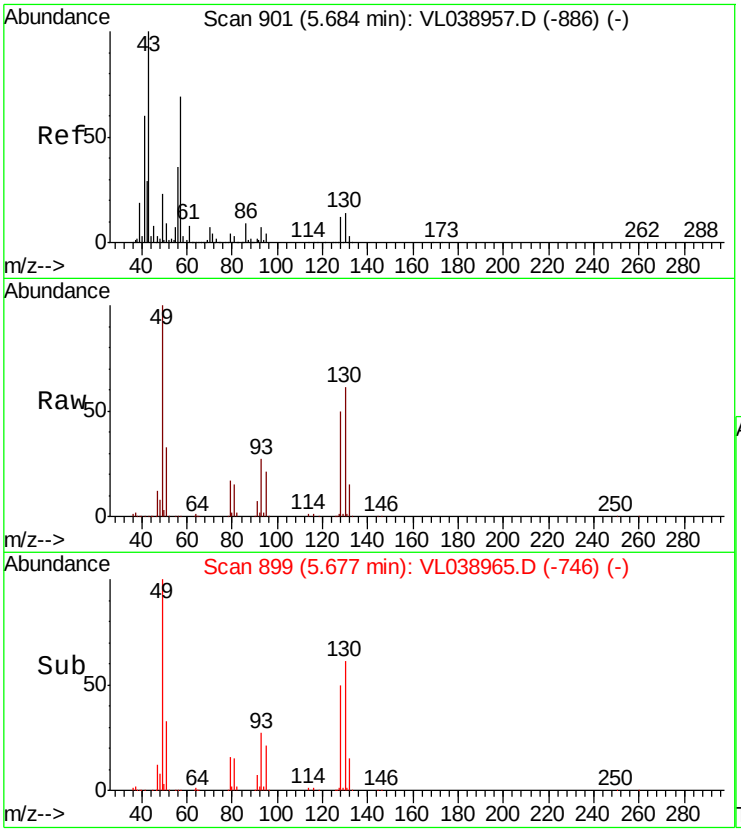


#25
Ethyl Acetate
Concen: 0.001 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.01 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion: 43 Resp: 155

Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.1	12.1#
61	0.0	7.8	11.6#
70	0.0	5.6	8.4#



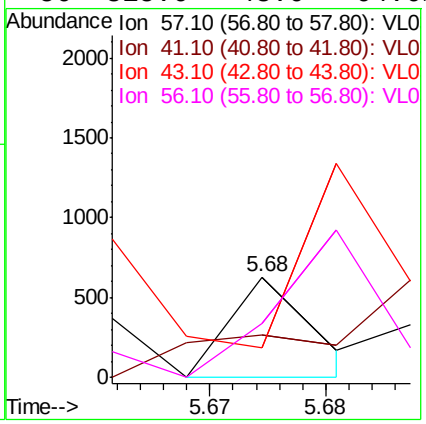


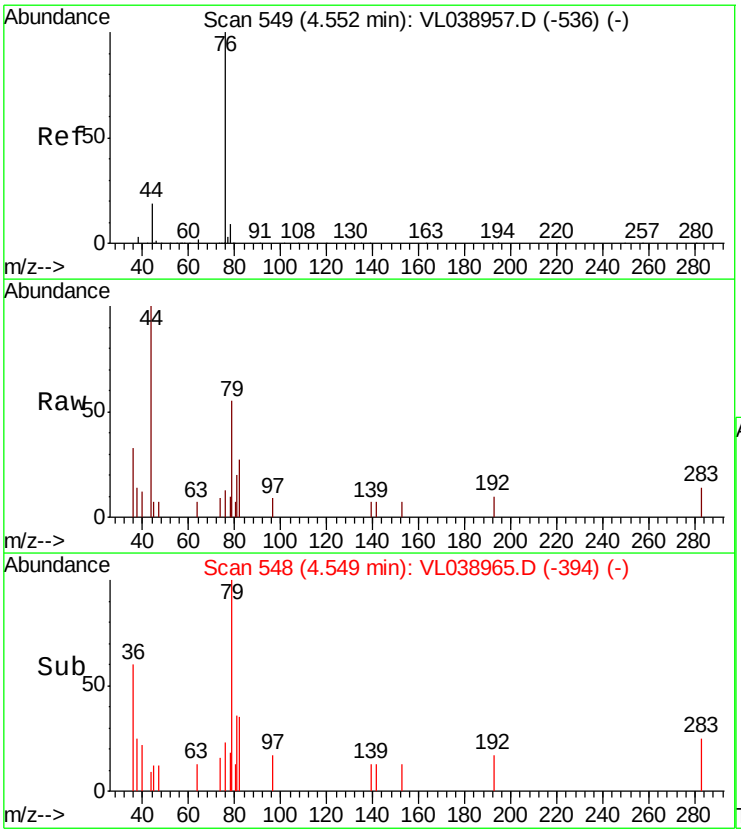
#26
Hexane
Concen: 0.001 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 5 May 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 154

Ion	Ratio	Lower	Upper
57	100		
41	0.0	75.2	112.8#
43	1185.1	190.8	286.2#
56	315.6	43.0	64.6#

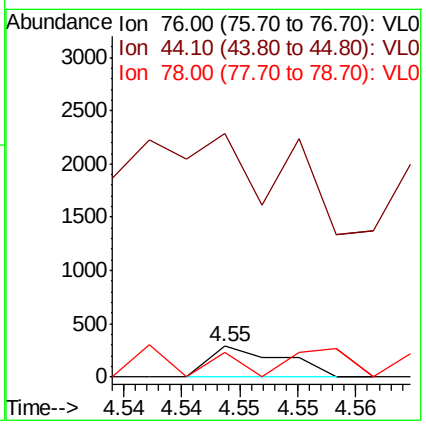


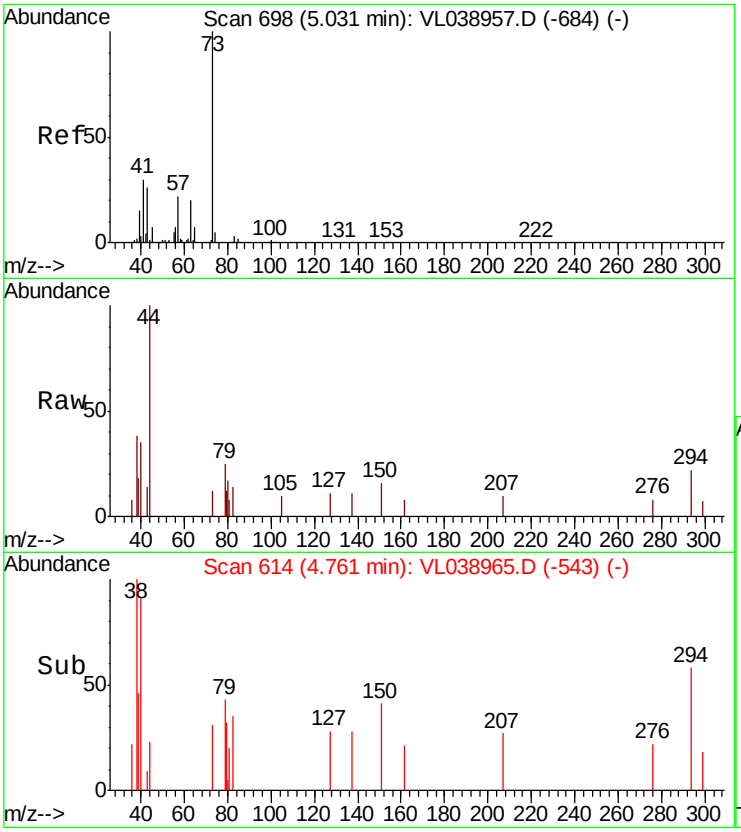


#27
Carbon Disulfide
Concen: 0.001 ppbv
RT: 4.55 min Scan# 548
Delta R.T. -0.00 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion: 76 Resp: 127

Ion	Ratio	Lower	Upper
76	100		
44	2736.2	15.3	22.9#
78	40.2	8.2	12.2#



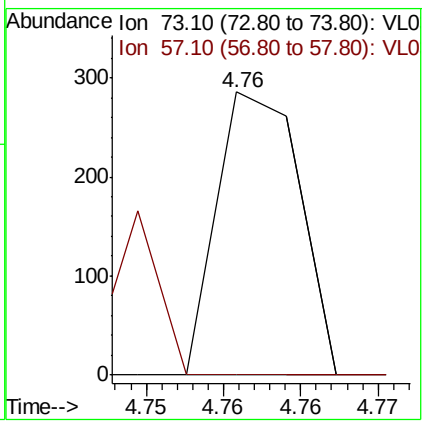


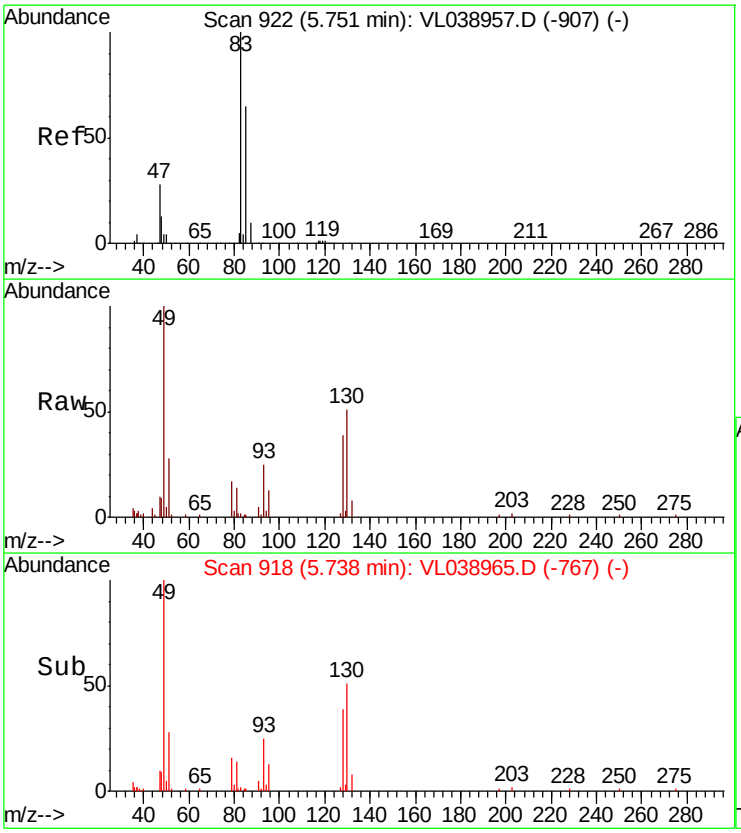
#28
Methyl tert-Butyl Ether
Concen: 0.001 ppbv
RT: 4.76
Delta R.T
Lab File:
Acq: 5 May 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 73 Resp: 106

Ion	Ratio	Lower	Upper
73	100		
57	27.4	18.8	28.2

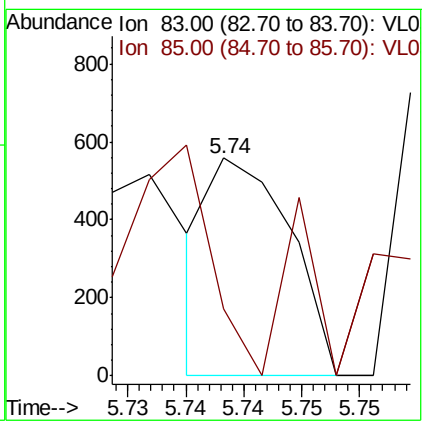


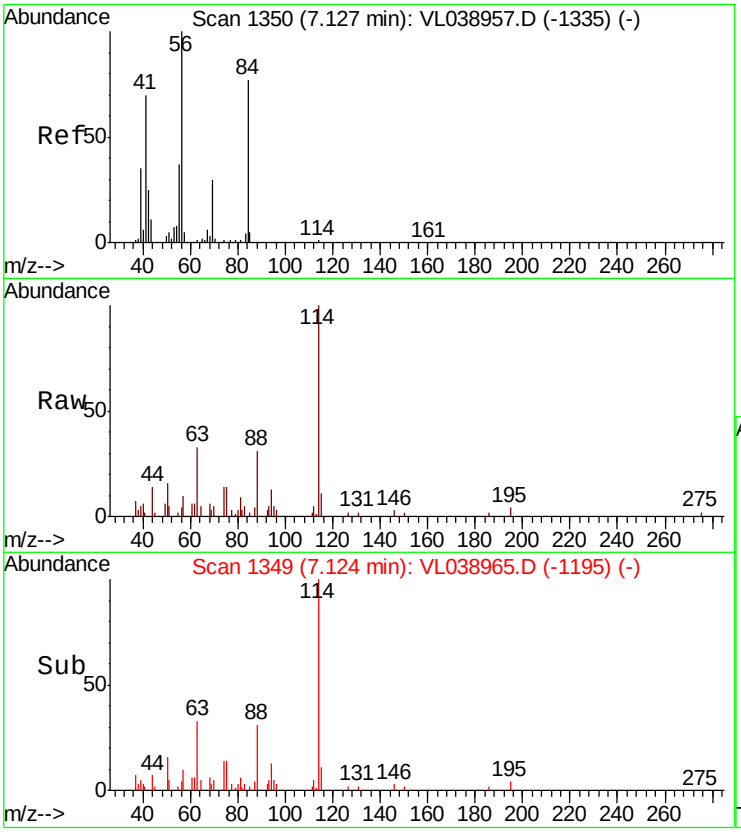


#29
Chloroform
Concen: 0.001 ppbv
RT: 5.74 min Scan# 918
Delta R.T. -0.01 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion: 83 Resp: 269

Ion	Ratio	Lower	Upper
83	100		
85	31.0	51.8	77.6#



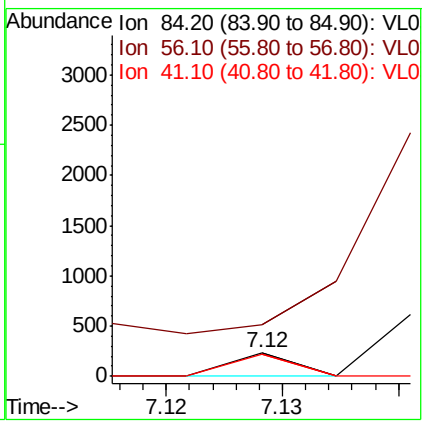


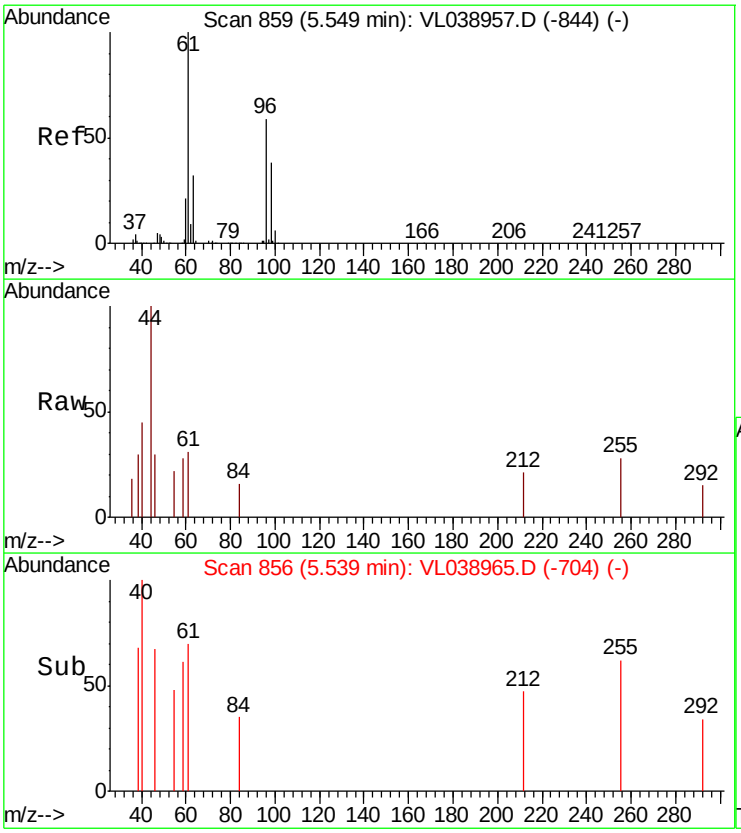
#30
Cyclohexane
Concen: 0.000 ppbv
RT: 7.12
Delta R.T
Lab File:
Acq: 5 May 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 46

Ion	Ratio	Lower	Upper
84	100		
56	0.0	115.3	172.9#
41	300.0	72.0	108.0#

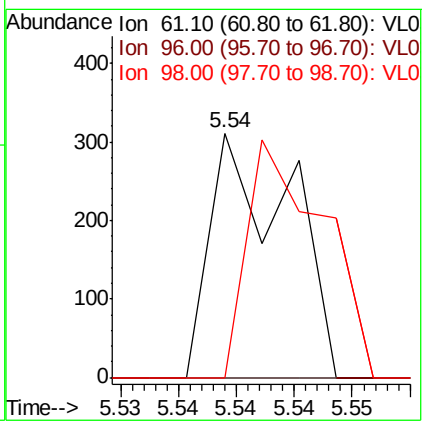


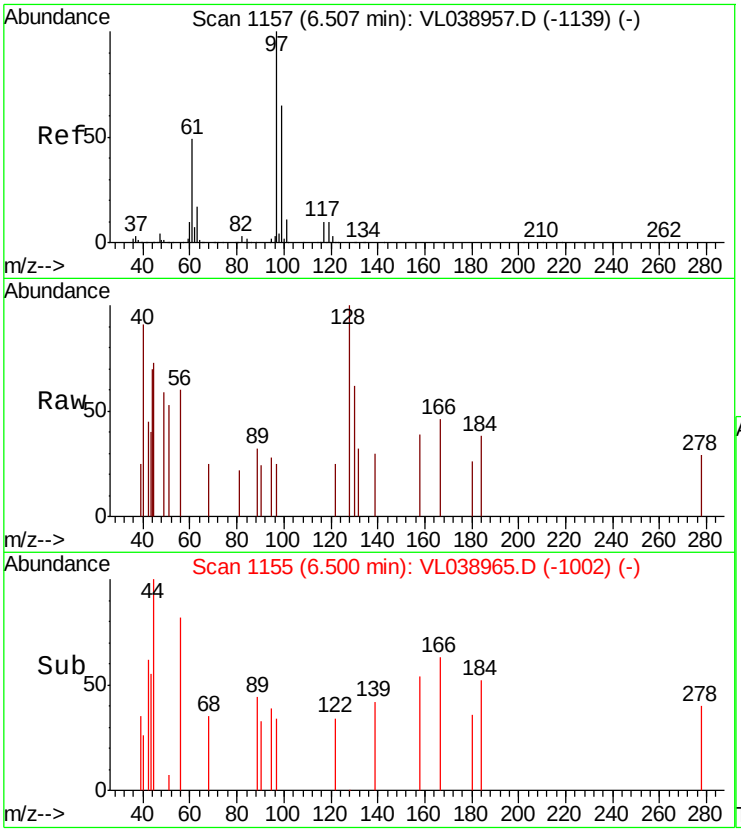


#31
cis-1,2-Dichloroethene
Concen: 0.001 ppbv
RT: 5.54 min Scan# 856
Delta R.T. -0.01 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion: 61 Resp: 146

Ion	Ratio	Lower	Upper
61	100		
96	0.0	47.4	71.0#
98	0.0	30.6	45.8#



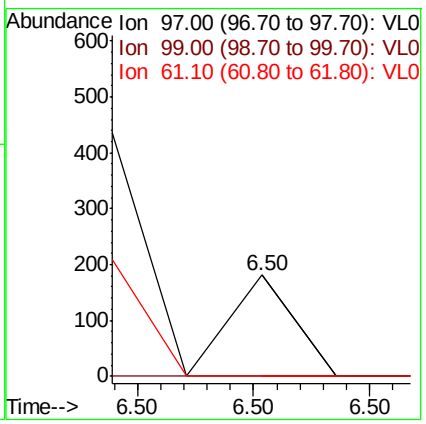


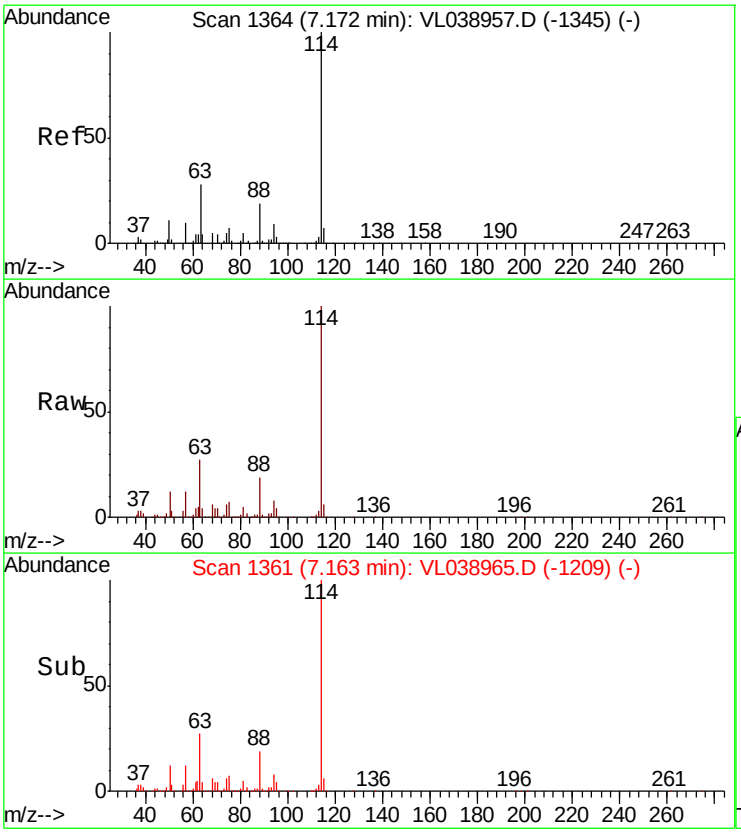
#32
1,1,1-Trichloroethane
Concen: 0.000 ppbv
RT: 6.50
Delta R.T
Lab File:
Acq: 5 May 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 97 Resp: 35

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.9	77.9#
61	0.0	40.9	61.3#

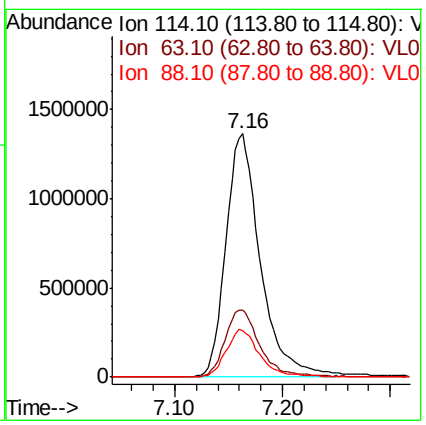


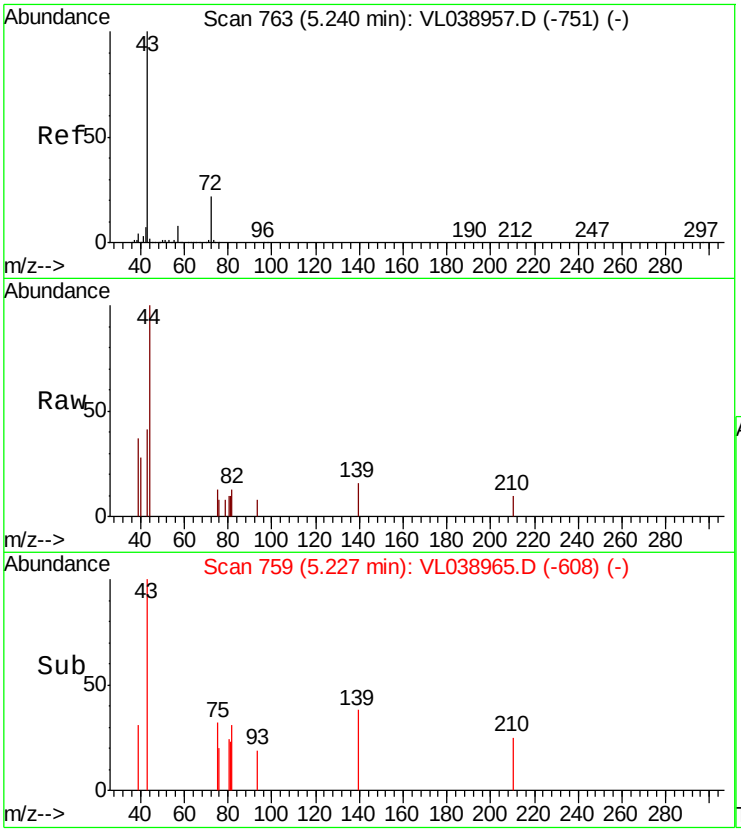


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.01 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion:114 Resp: 3038656

Ion	Ratio	Lower	Upper
114	100		
63	28.3	22.6	33.8
88	19.4	15.4	23.0



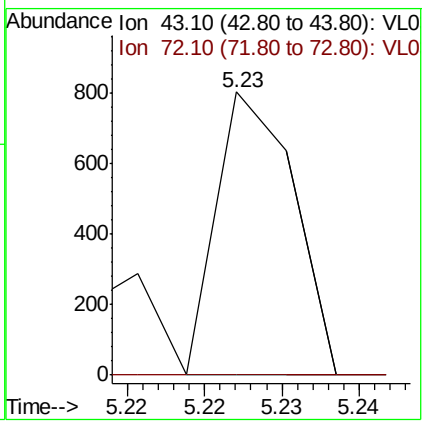


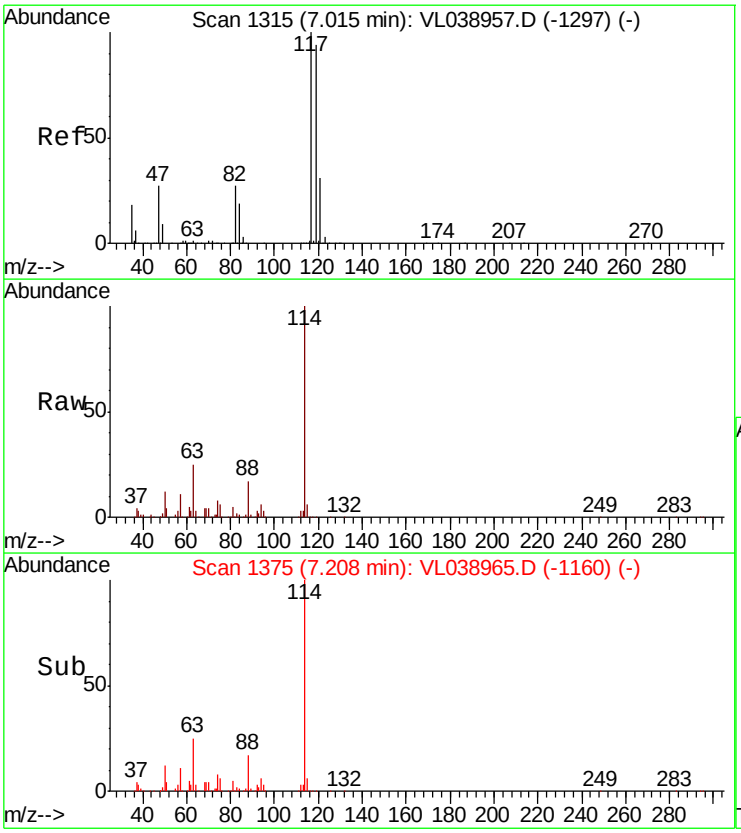
#34
2-Butanone
Concen: 0.002 ppbv
RT: 5.23
Delta R.T
Lab File:
Acq: 5 May 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 277

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.8	26.6#

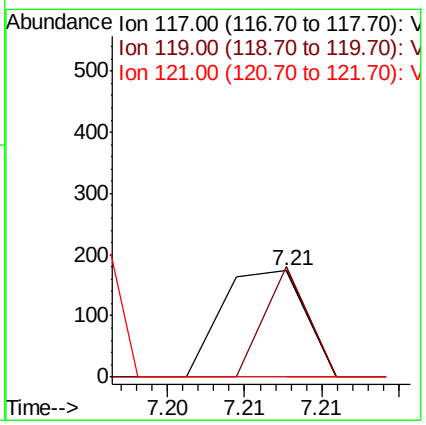


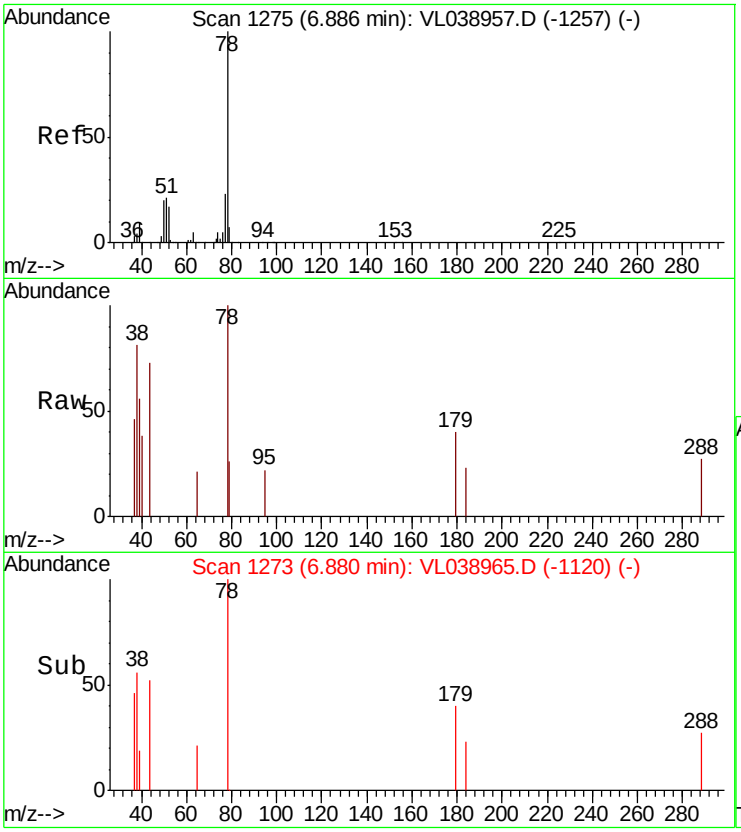


#35
Carbon Tetrachloride
Concen: 0.000 ppbv
RT: 7.21 min Scan# 1375
Delta R.T. 0.19 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion:117 Resp: 65

Ion	Ratio	Lower	Upper
117	100		
119	104.0	75.2	112.8
121	0.0	24.6	37.0#



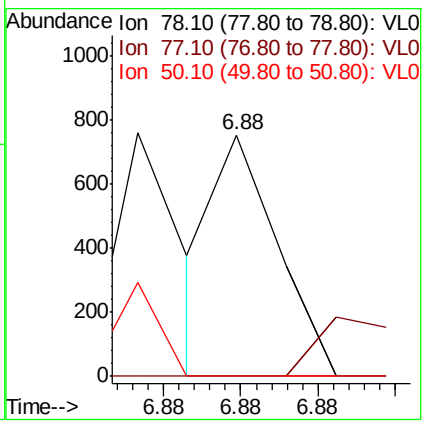


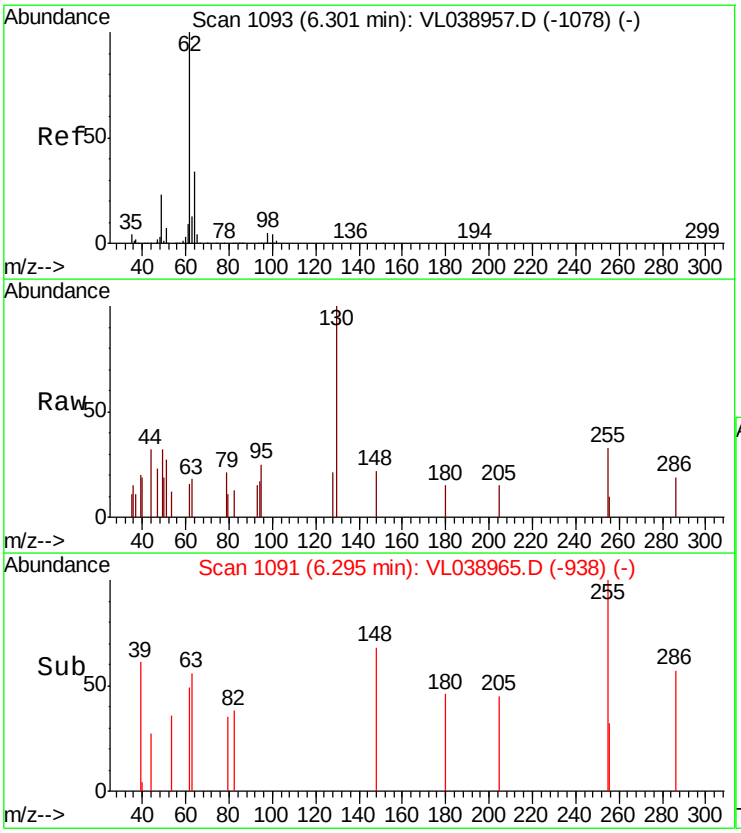
#36
Benzene
Concen: 0.001 ppbv
RT: 6.88
Delta R.T
Lab File:
Acq: 5 May 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 78 Resp: 212

Ion	Ratio	Lower	Upper
78	100		
77	0.0	18.6	28.0#
50	0.0	15.6	23.4#

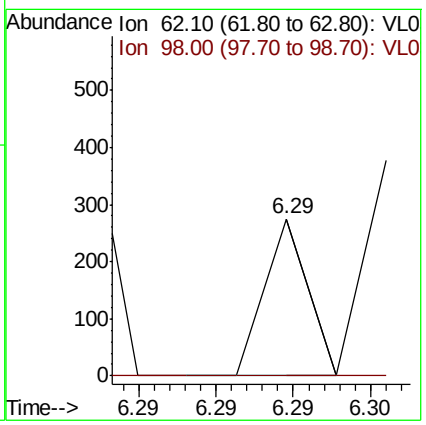


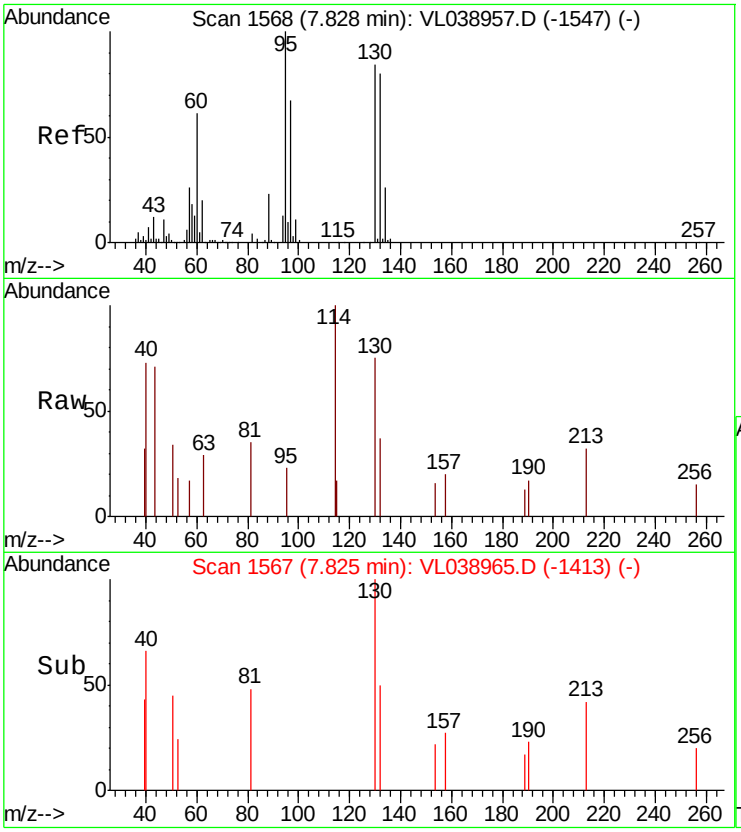


#37
1,2-Dichloroethane
Concen: 0.000 ppbv
RT: 6.29 min Scan# 1091
Delta R.T. -0.01 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion: 62 Resp: 53

Ion	Ratio	Lower	Upper
62	100		
98	0.0	4.5	6.7#



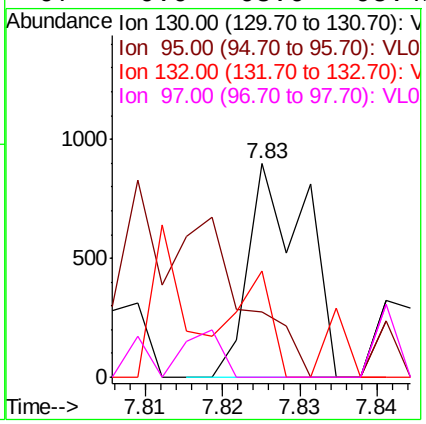


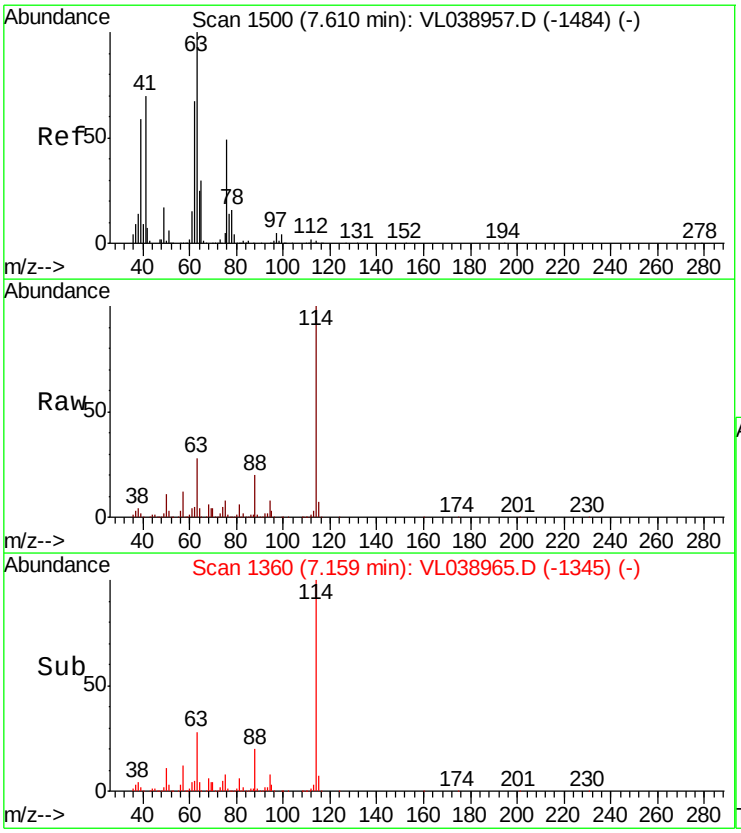
#38
Trichloroethene
Concen: 0.004 ppbv
RT: 7.83
Delta R.T
Lab File:
Acq: 5 May 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:130 Resp: 462

Ion	Ratio	Lower	Upper
130	100		
95	30.5	94.8	142.2#
132	28.0	75.8	113.8#
97	0.0	63.6	95.4#

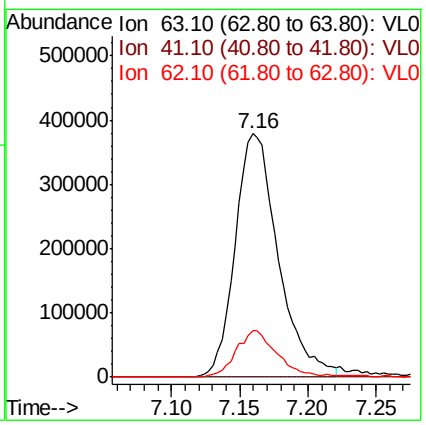


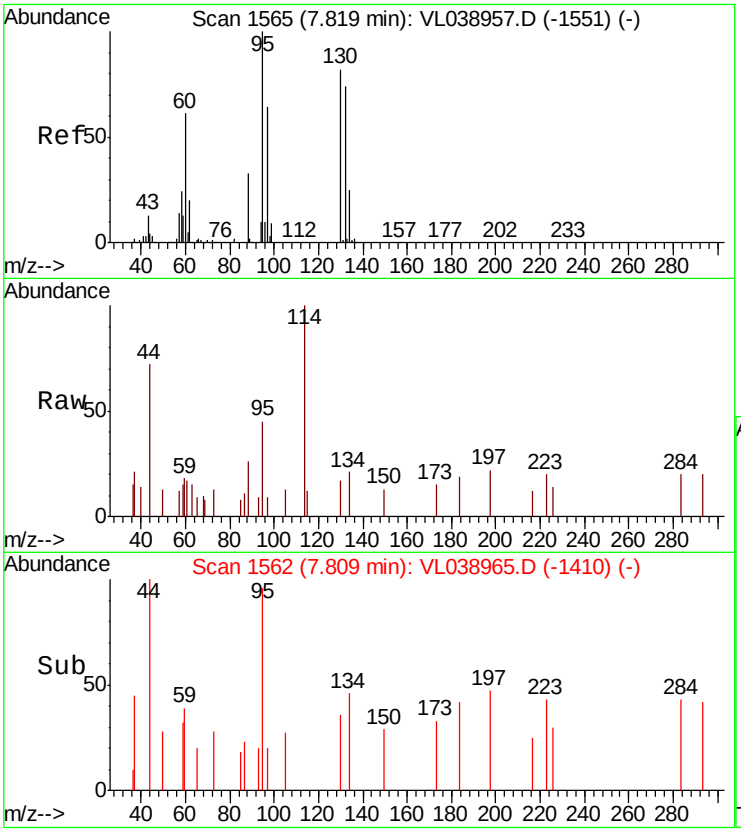


#39
1,2-Dichloropropane
Concen: 8.223 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.45 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion: 63 Resp: 832051

Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.9	83.9#
62	18.9	53.8	80.6#



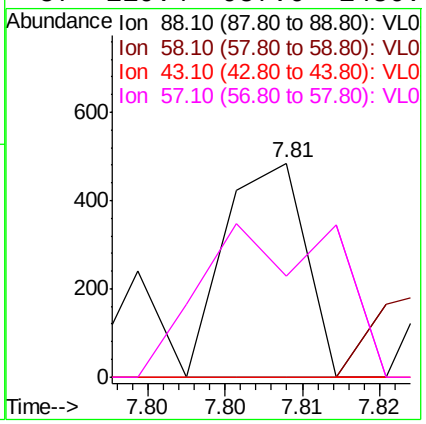


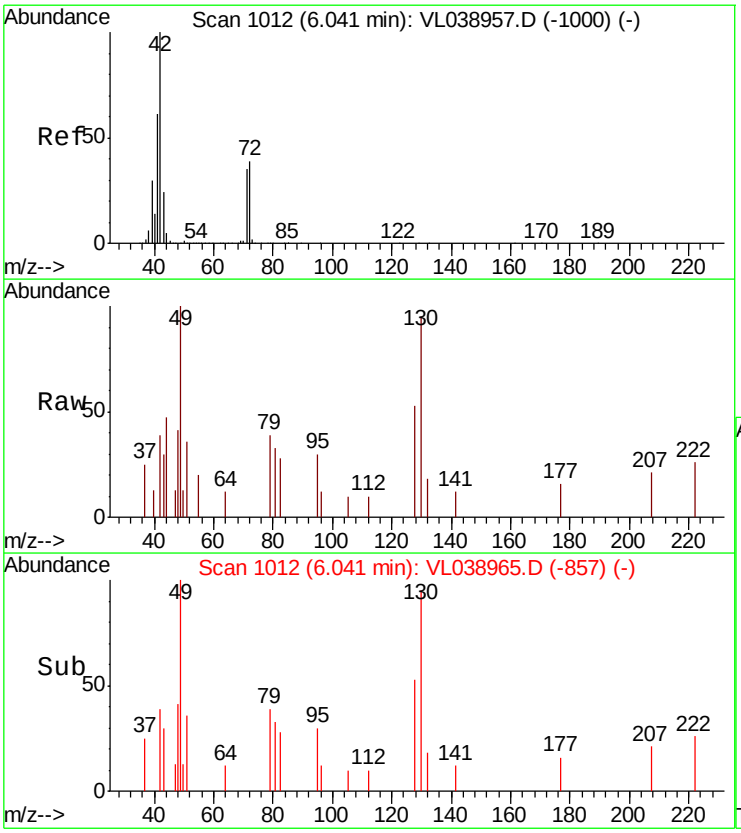
#40
1,4-Dioxane
Concen: 0.005 ppbv
RT: 7.81
Delta R.T
Lab File:
Acq: 5 May 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 88 Resp: 175

Ion	Ratio	Lower	Upper
88	100		
58	0.0	106.1	159.1#
43	0.0	222.9	334.3#
57	119.4	957.6	1436.4#

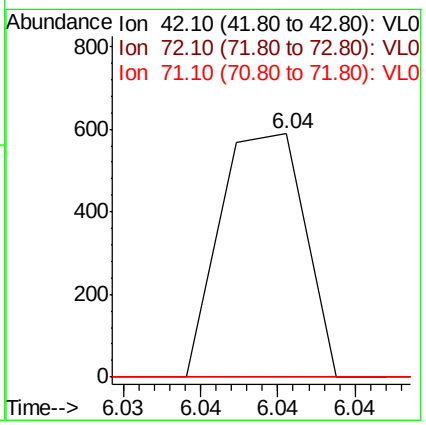


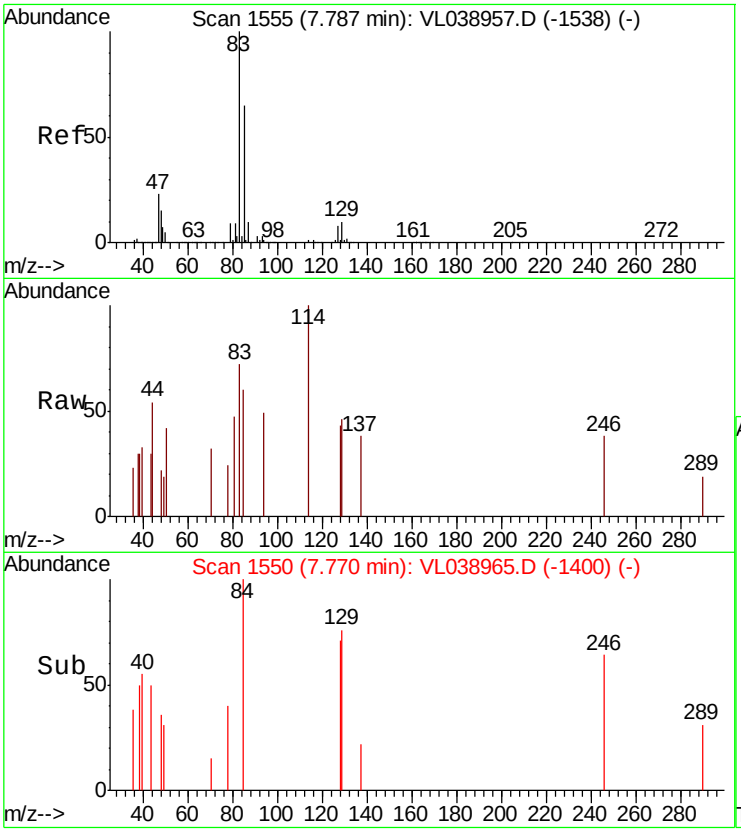


#41
Tetrahydrofuran
Concen: 0.002 ppbv
RT: 6.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion: 42 Resp: 223

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.8	47.6#
71	0.0	30.6	45.8#



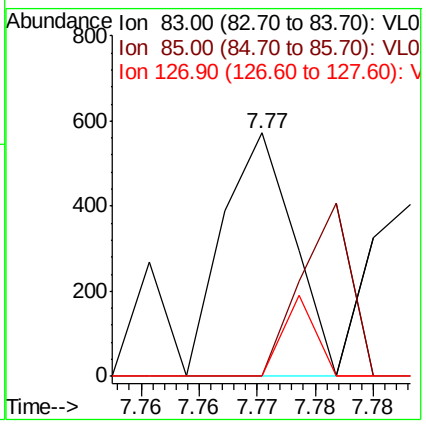


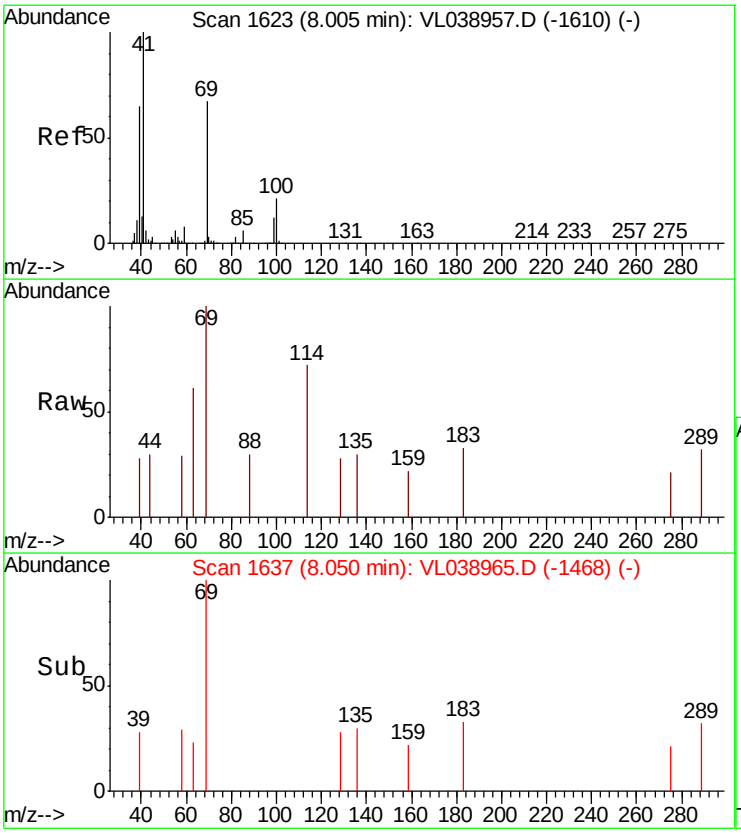
#42
Bromodichloromethane
Concen: 0.001 ppbv
RT: 7.77
Delta R.T
Lab File:
Acq: 5 May 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 242

Ion	Ratio	Lower	Upper
83	100		
85	0.0	52.0	78.0#
127	0.0	6.0	9.0#

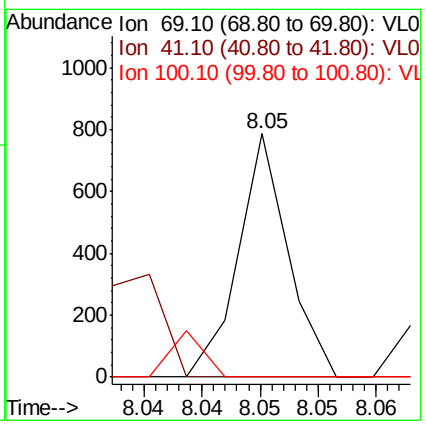


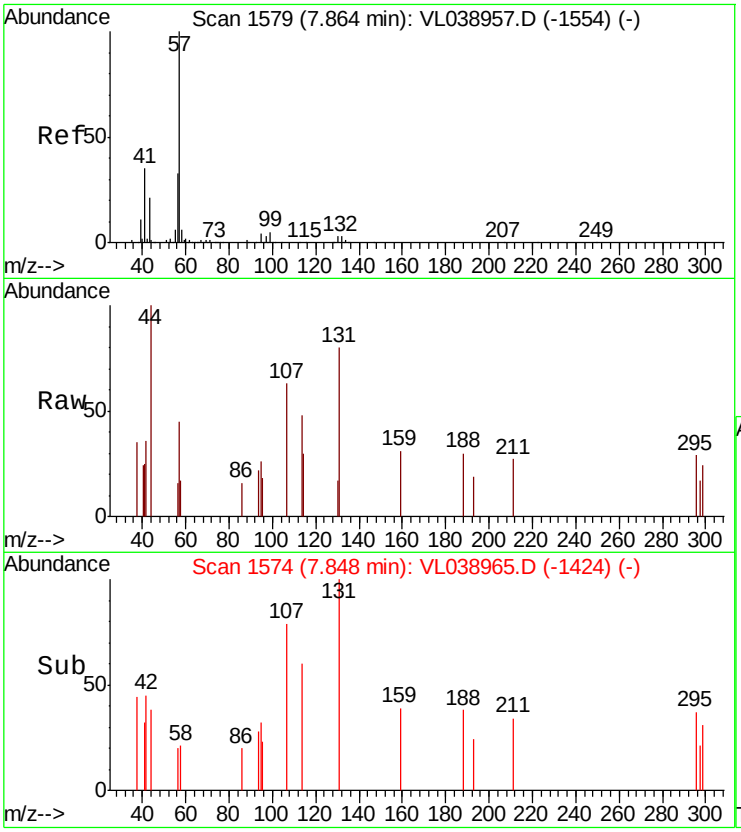


#43
Methyl Methacrylate
Concen: 0.002 ppbv
RT: 8.05 min Scan# 1637
Delta R.T. 0.04 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion: 69 Resp: 234

Ion	Ratio	Lower	Upper
69	100		
41	91.0	121.9	182.9#
100	12.4	24.6	36.8#



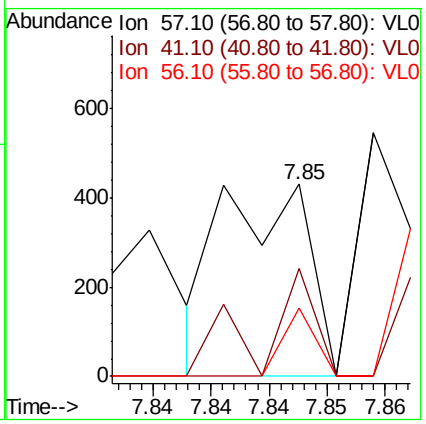


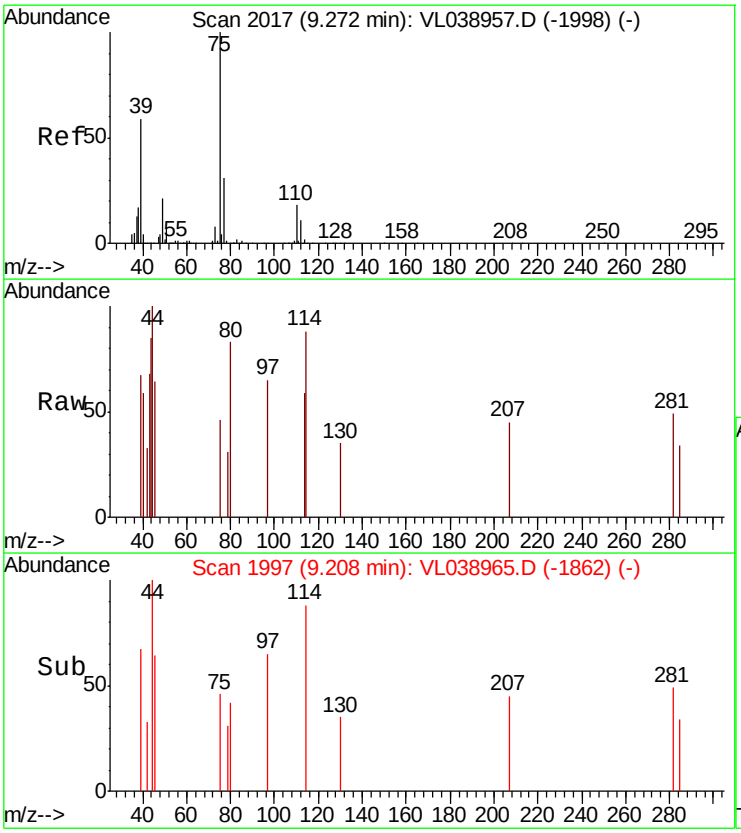
#44
2,2,4-Trimethylpentane
Concen: 0.000 ppbv
RT: 7.85
Delta R.T
Lab File:
Acq: 5 May 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 223

Ion	Ratio	Lower	Upper
57	100		
41	0.0	26.3	39.5#
56	0.0	24.6	37.0#

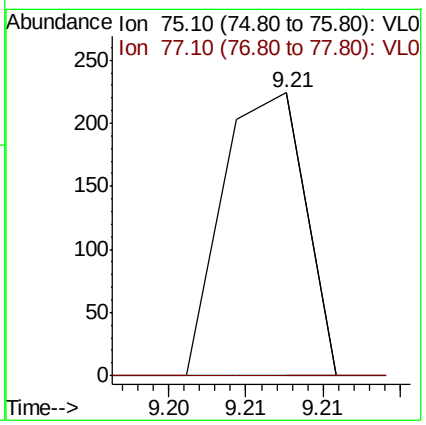


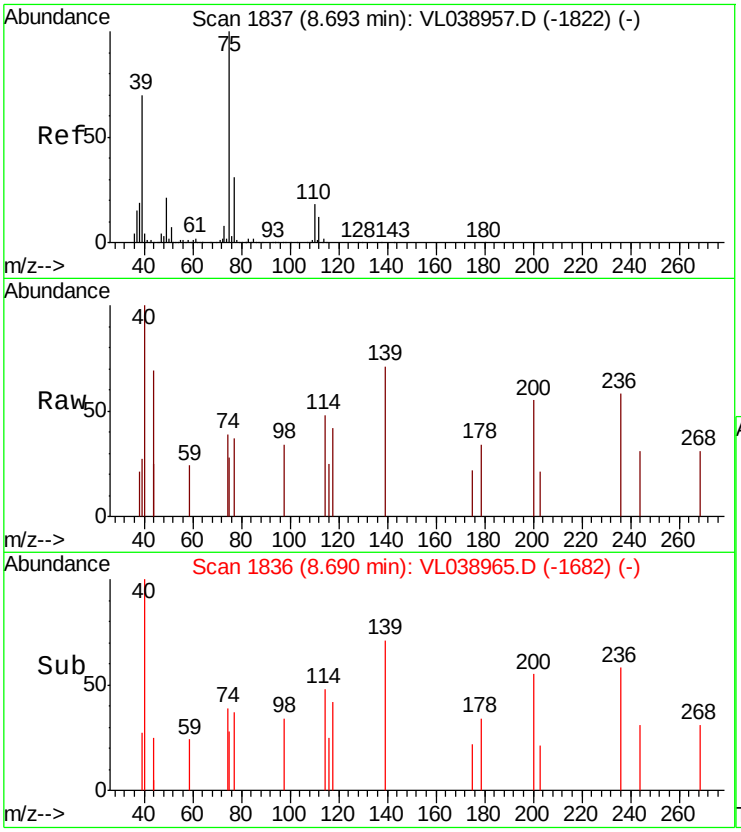


#45
t-1,3-Dichloropropene
Concen: 0.001 ppbv
RT: 9.21 min Scan# 1997
Delta R.T. -0.06 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion: 75 Resp: 82

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.6	37.0#



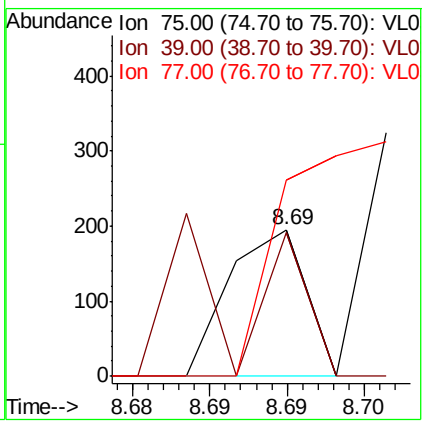


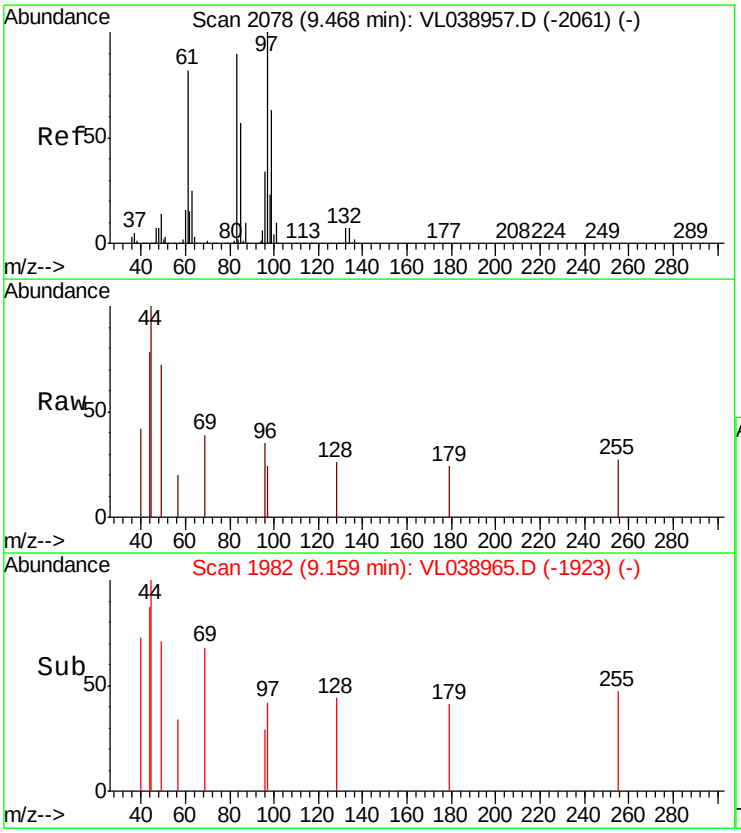
#46
cis-1,3-Dichloropropene
Concen: 0.000 ppbv
RT: 8.69
Delta R.T
Lab File:
Acq: 5 May 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 75 Resp: 67

Ion	Ratio	Lower	Upper
75	100		
39	97.9	55.8	83.6#
77	134.4	24.8	37.2#

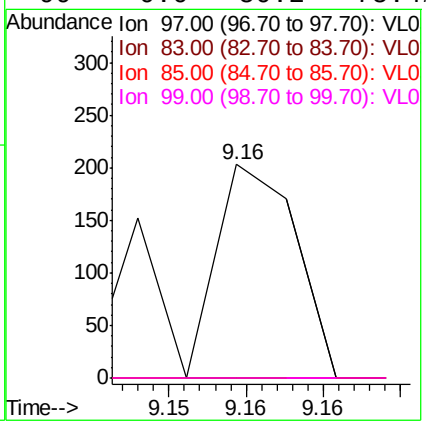


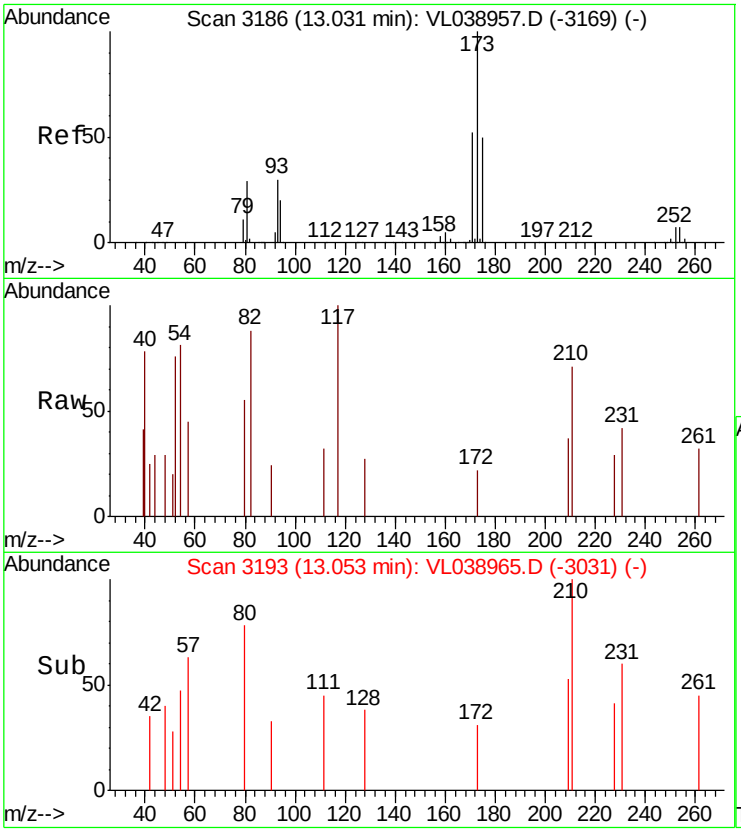


#47
1,1,2-Trichloroethane
Concen: 0.001 ppbv
RT: 9.16 min Scan# 1982
Delta R.T. -0.31 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion: 97 Resp: 72

Ion	Ratio	Lower	Upper
97	100		
83	0.0	72.0	108.0#
85	0.0	45.7	68.5#
99	0.0	50.2	75.4#



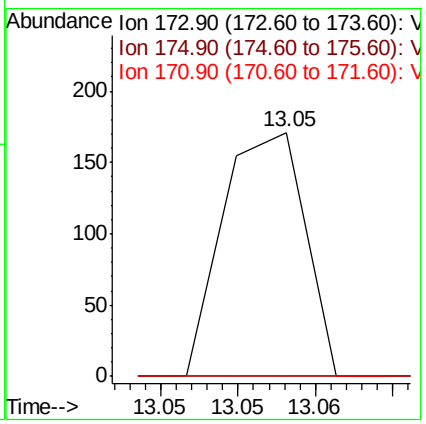


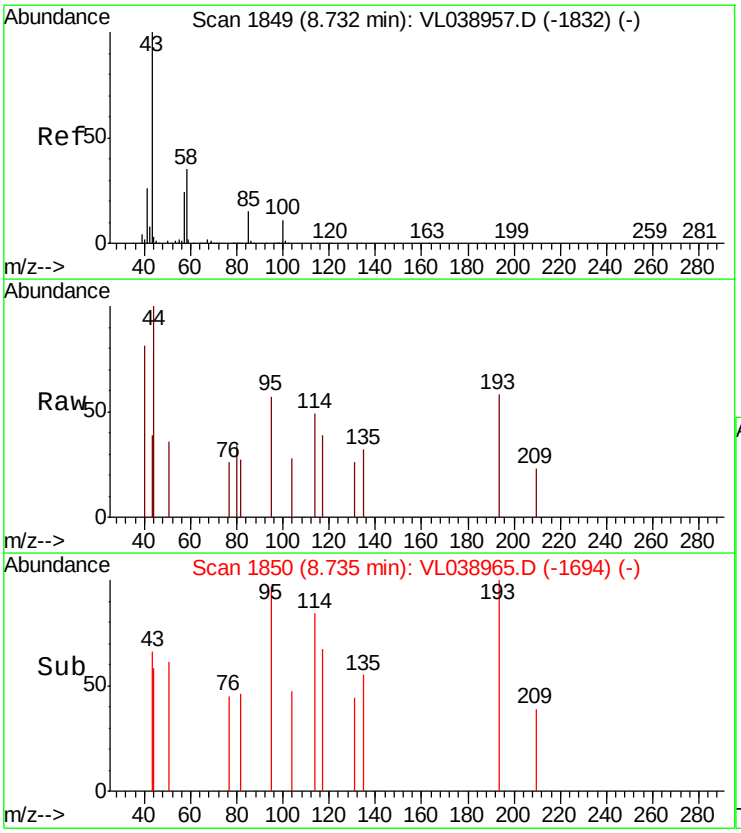
#49
Bromoform
Concen: 0.000 ppbv
RT: 13.05
Delta R.T
Lab File:
Acq: 5 May 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:173 Resp: 63

Ion	Ratio	Lower	Upper
173	100		
175	136.5	41.0	61.6#
171	79.4	42.6	64.0#

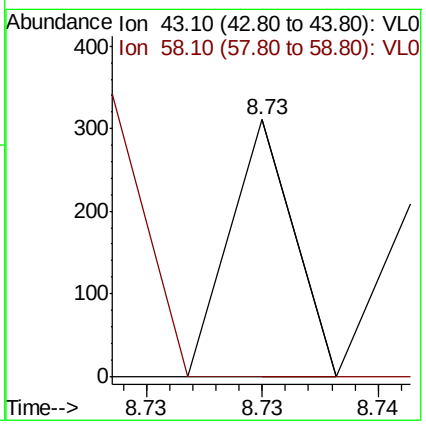


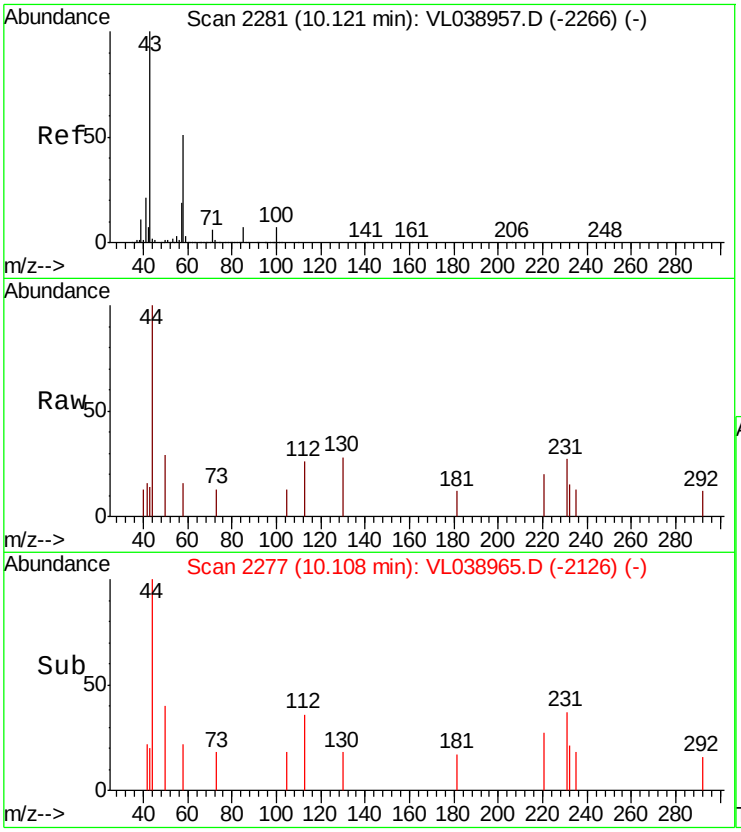


#50
4-Methyl-2-Pentanone
Concen: 0.000 ppbv
RT: 8.73 min Scan# 1850
Delta R.T. 0.00 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion: 43 Resp: 60

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.4	42.6#



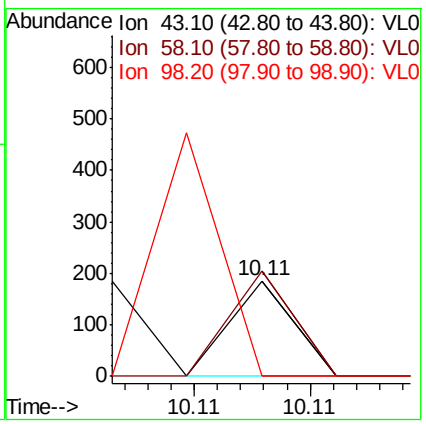


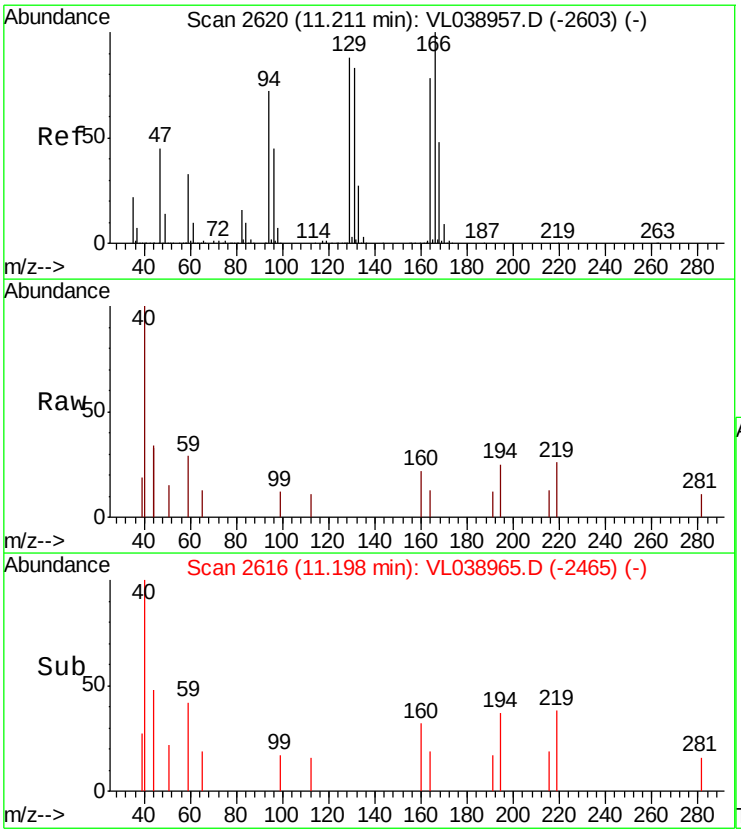
#51
2-Hexanone
Concen: 0.000 ppbv
RT: 10.11
Delta R.T
Lab File:
Acq: 5 May 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 36

Ion	Ratio	Lower	Upper
43	100		
58	111.1	39.3	58.9#
98	0.0	0.2	0.2#

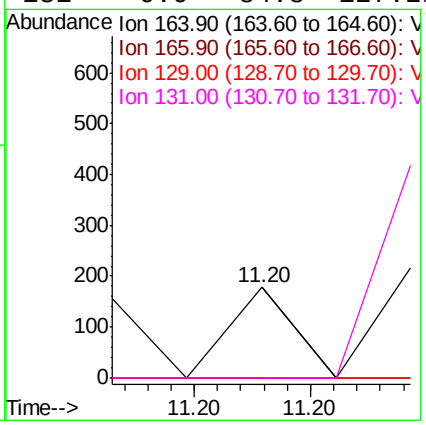


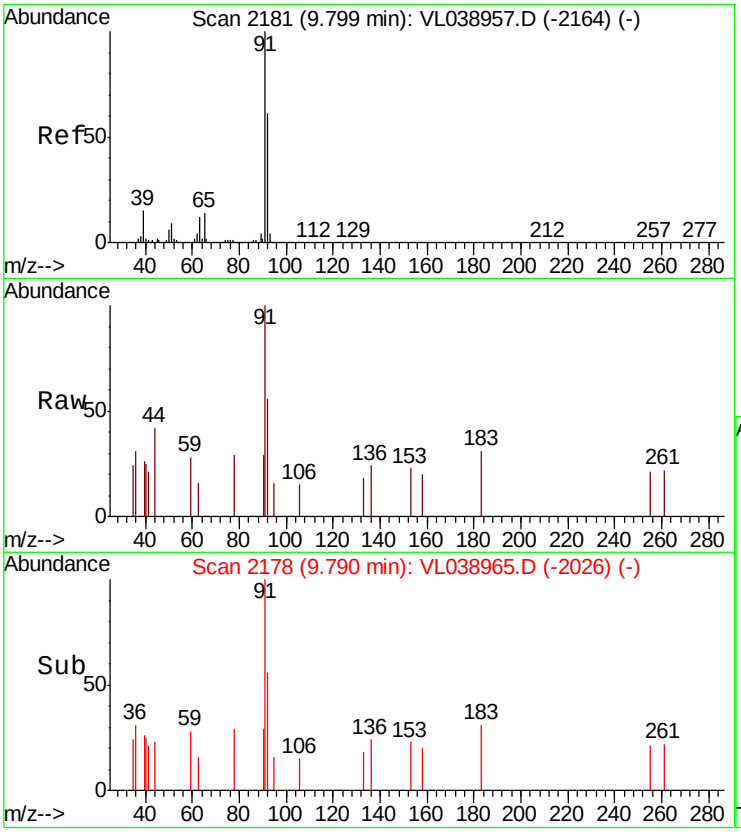


#52
Tetrachloroethene
Concen: 0.000 ppbv
RT: 11.20 min Scan# 2616
Delta R.T. -0.01 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion:164 Resp: 34

Ion	Ratio	Lower	Upper
164	100		
166	0.0	102.5	153.7#
129	0.0	90.1	135.1#
131	0.0	84.8	127.2#



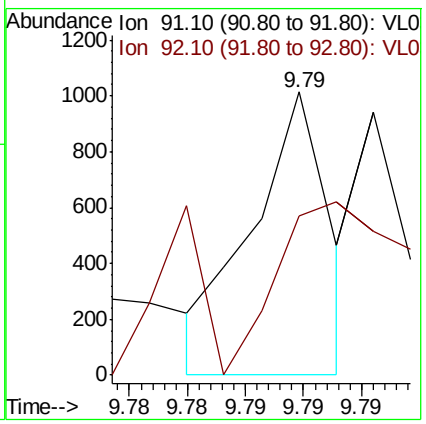


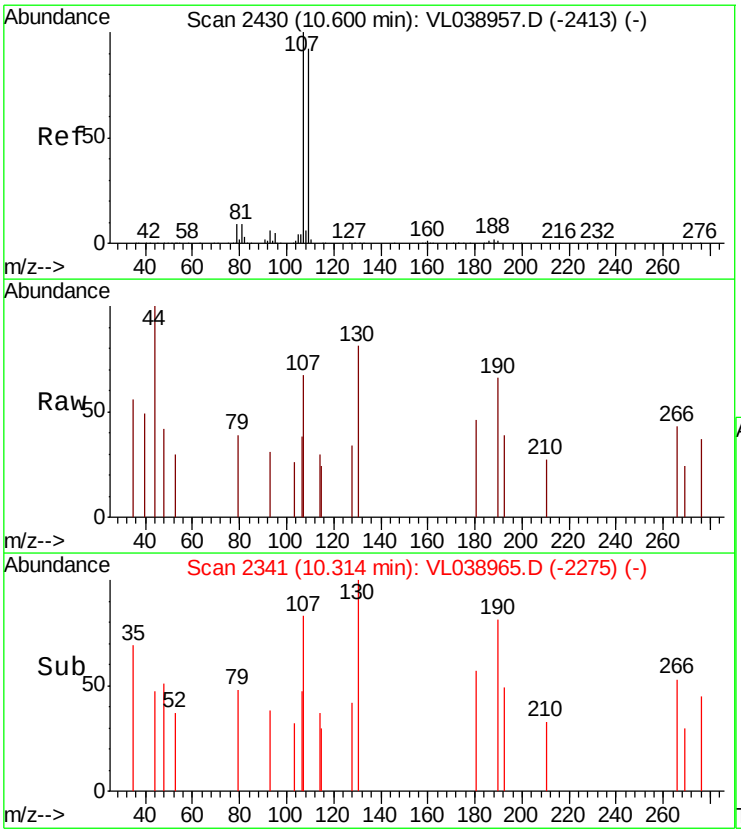
#53
Toluene
Concen: 0.002 ppbv
RT: 9.79
Delta R.T
Lab File:
Acq: 5 May 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 467

Ion	Ratio	Lower	Upper
91	100		
92	0.0	48.2	72.2#

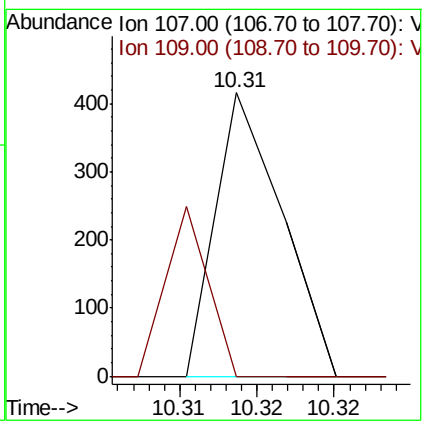


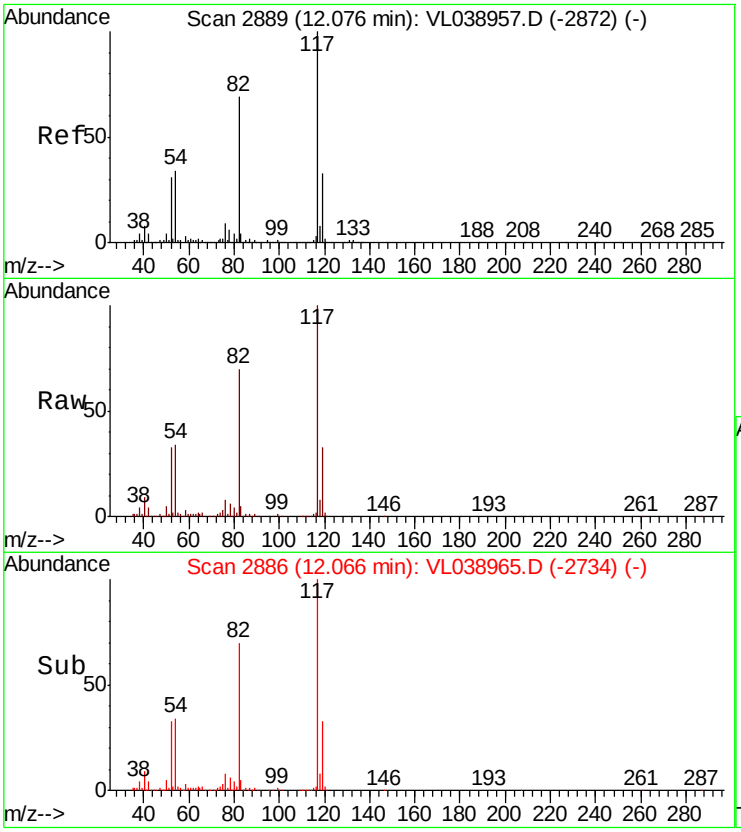


#54
1,2-Dibromoethane
Concen: 0.001 ppbv
RT: 10.31 min Scan# 2341
Delta R.T. -0.29 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion:107 Resp: 124

Ion	Ratio	Lower	Upper
107	100		
109	0.0	73.8	110.8#



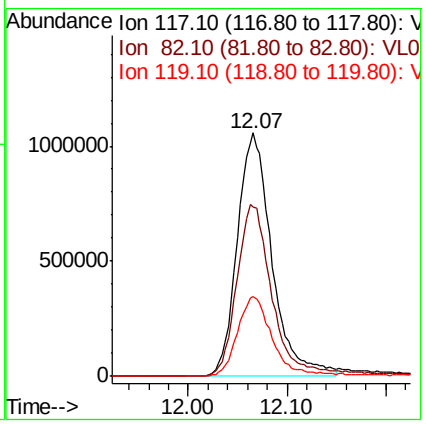


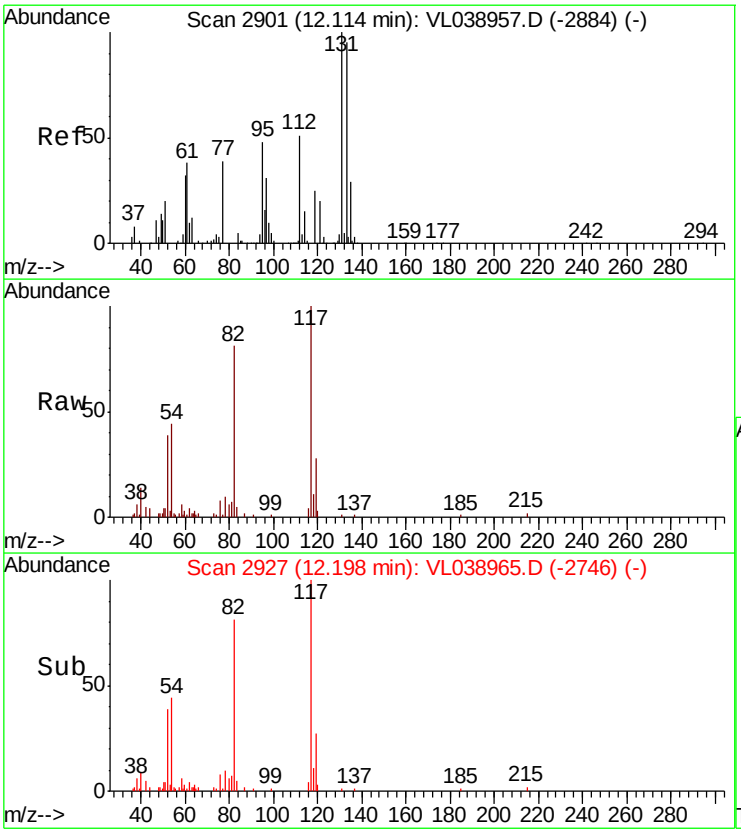
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07
Delta R.T
Lab File:
Acq: 5 May 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2577489

Ion	Ratio	Lower	Upper
117	100		
82	74.3	57.0	85.6
119	34.6	27.2	40.8

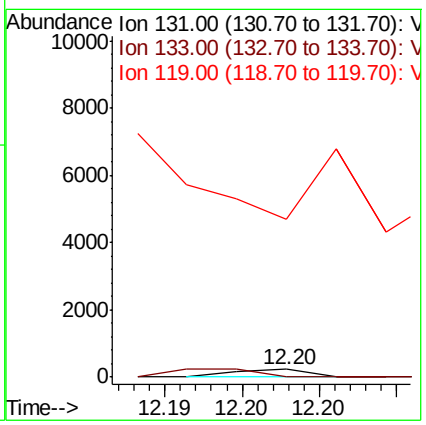


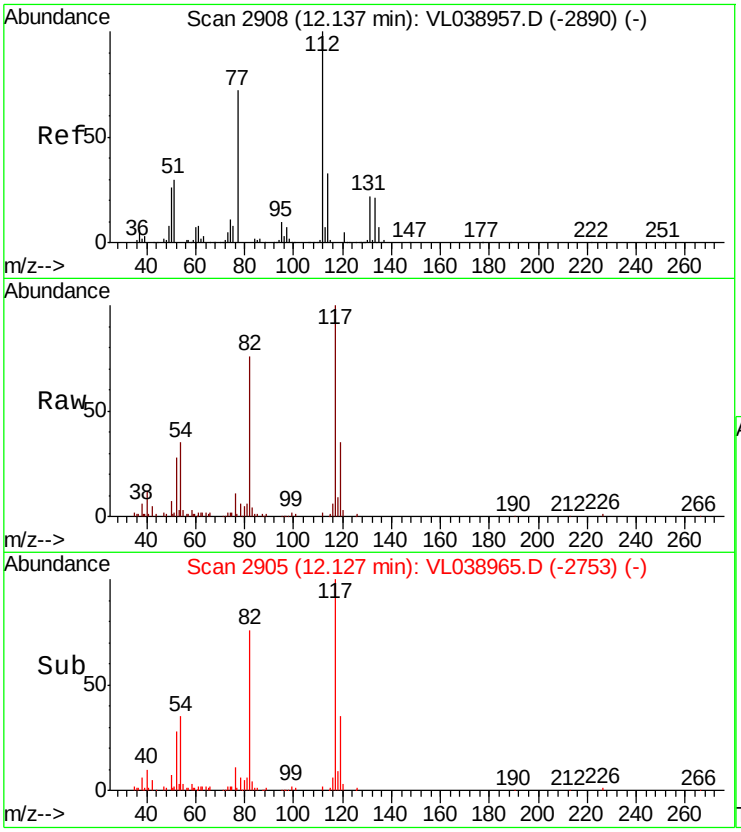


#56
1,1,1,2-Tetrachloroethane
Concen: 0.001 ppbv
RT: 12.20 min Scan# 2927
Delta R.T. 0.08 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion:131 Resp: 78

Ion	Ratio	Lower	Upper
131	100		
133	0.0	76.9	115.3#
119	1133342.3	47.4	71.0#



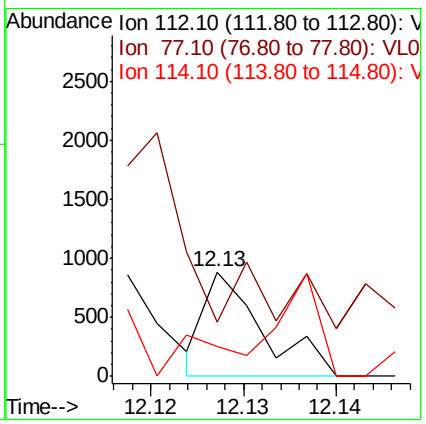


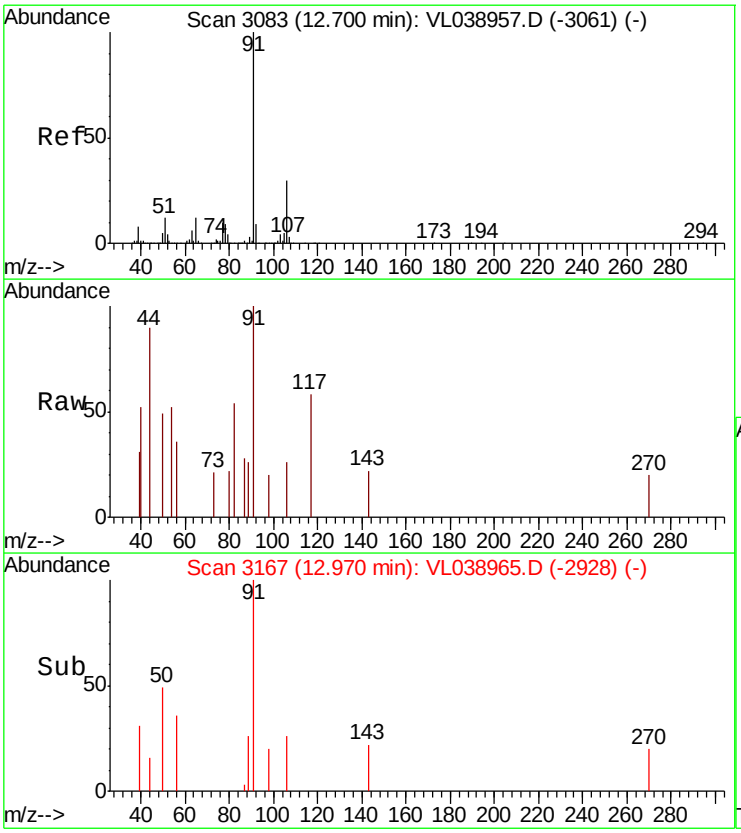
#57
Chlorobenzene
Concen: 0.002 ppbv
RT: 12.13
Delta R.T
Lab File:
Acq: 5 May 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:112 Resp: 383

Ion	Ratio	Lower	Upper
112	100		
77	7.0	57.7	86.5#
114	35.2	30.1	36.7

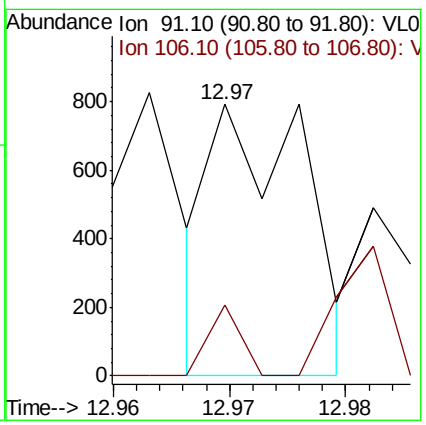


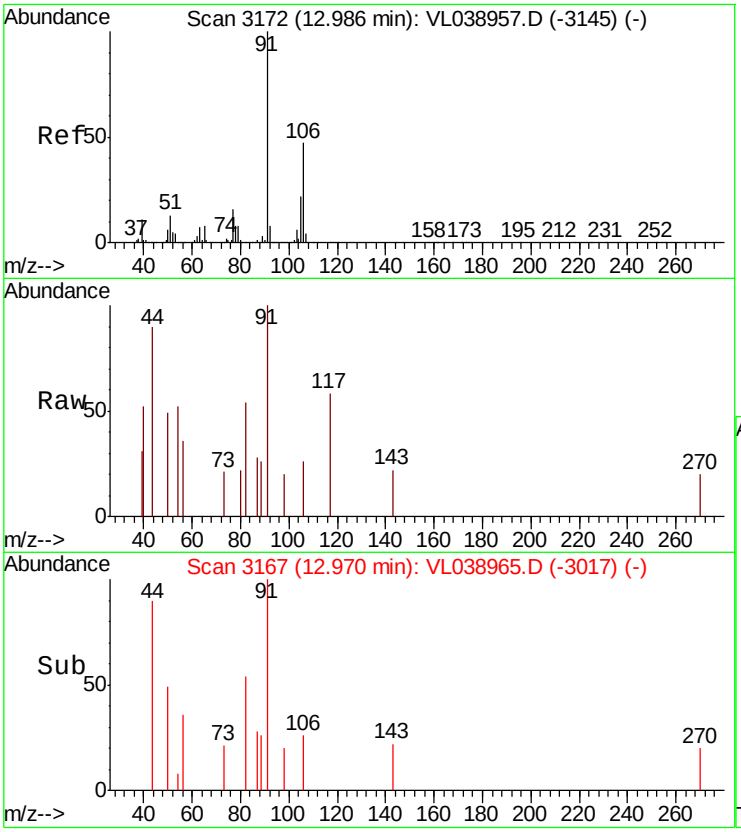


#58
Ethyl Benzene
Concen: 0.001 ppbv
RT: 12.97 min Scan# 3167
Delta R.T. 0.27 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion: 91 Resp: 446

Ion	Ratio	Lower	Upper
91	100		
106	35.5	24.2	36.4



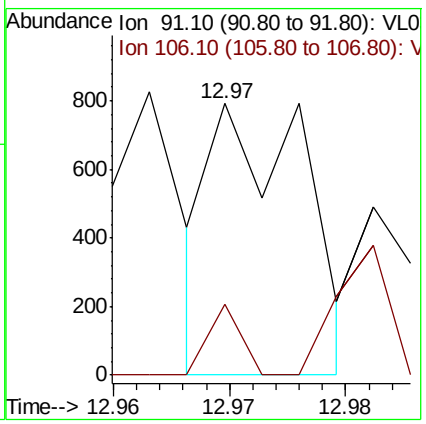


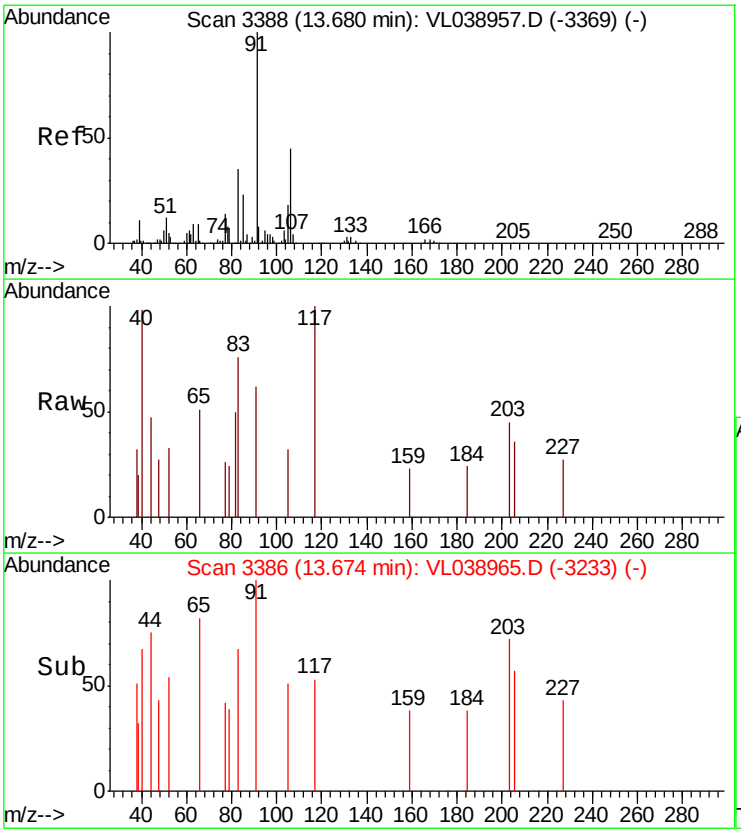
#59
m/p-Xylene
Concen: 0.001 ppbv
RT: 12.97
Delta R.T
Lab File:
Acq: 5 May 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 446

Ion	Ratio	Lower	Upper
91	100		
106	0.0	34.6	52.0#

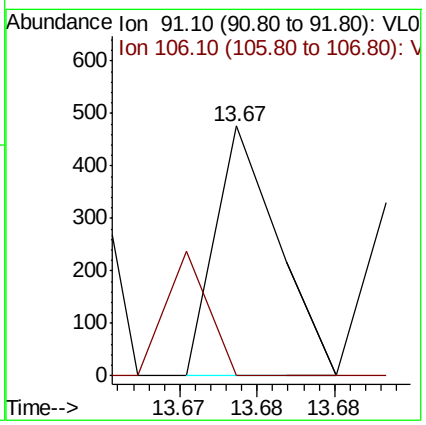


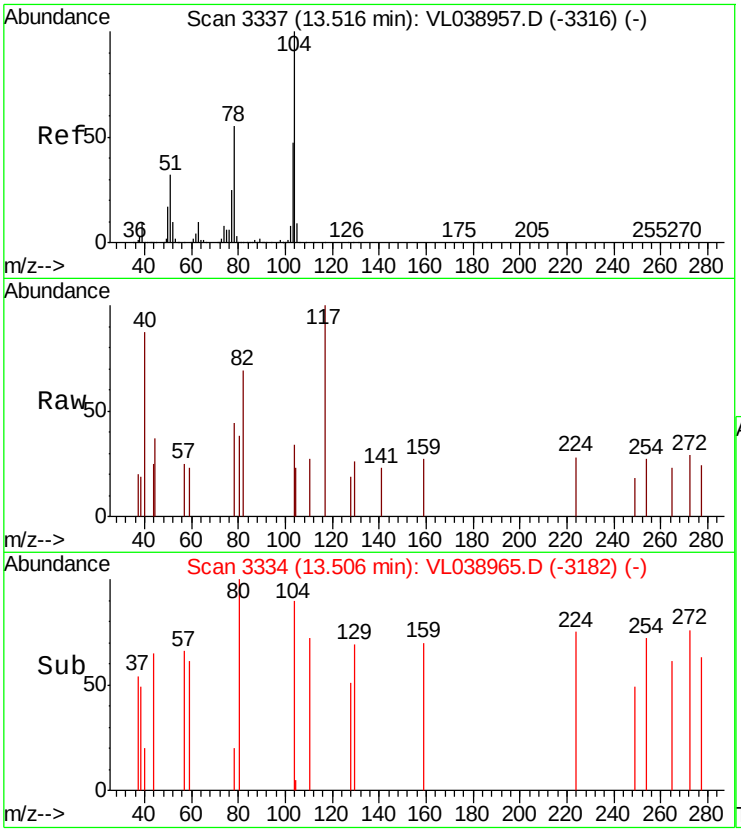


#60
o-Xylene
Concen: 0.000 ppbv
RT: 13.67 min Scan# 3386
Delta R.T. -0.01 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion: 91 Resp: 134

Ion	Ratio	Lower	Upper
91	100		
106	34.3	22.2	66.6



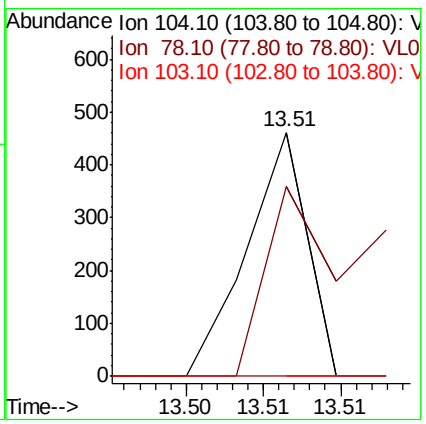


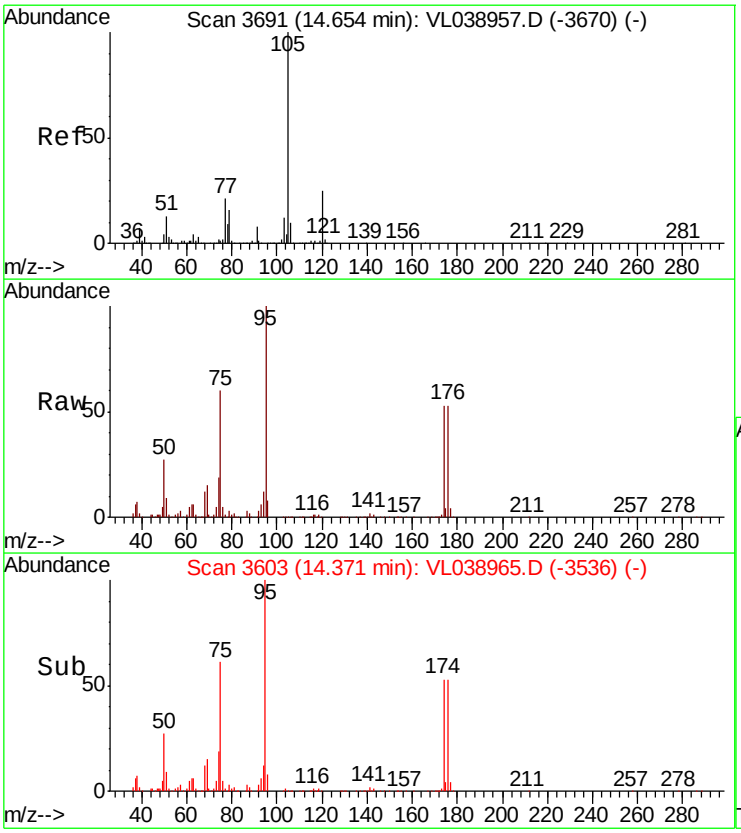
#61
Stvrene
Concen: 0.001 ppbv
RT: 13.51
Delta R.T
Lab File:
Acq: 5 May 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:104 Resp: 124

Ion	Ratio	Lower	Upper
104	100		
78	399.2	46.4	69.6#
103	0.0	39.3	58.9#

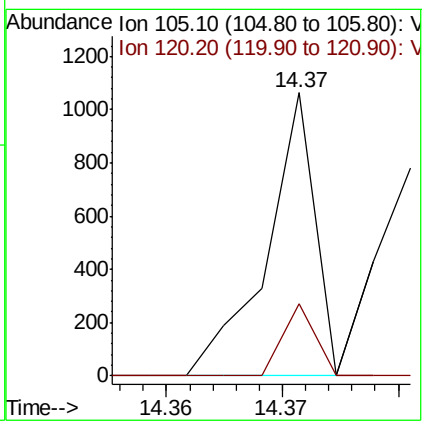


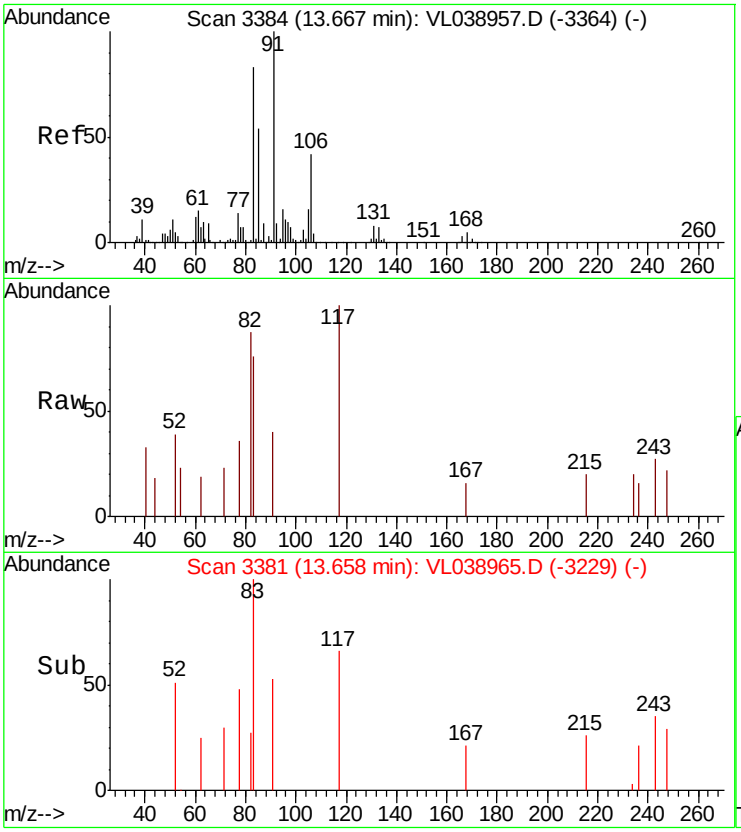


#62
Isopropylbenzene
Concen: 0.001 ppbv
RT: 14.37 min Scan# 3603
Delta R.T. -0.28 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion:105 Resp: 305

Ion	Ratio	Lower	Upper
105	100		
120	23.0	20.5	30.7



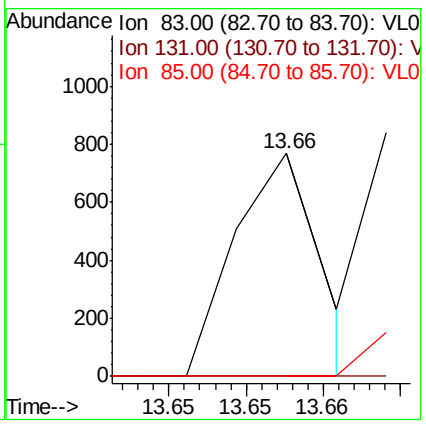


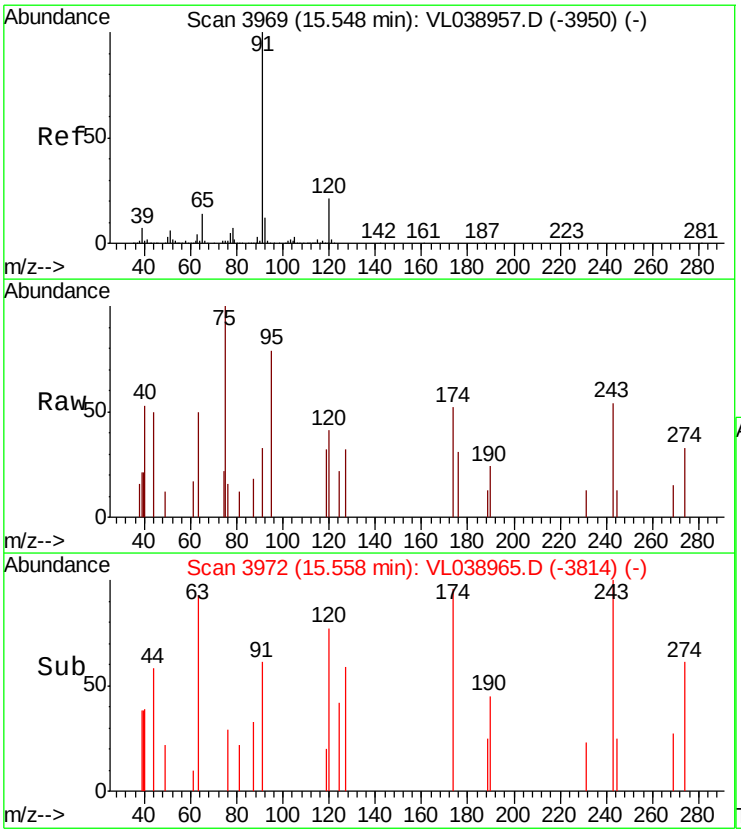
#63
1,1,2,2-Tetrachloroethane
Concen: 0.002 ppbv
RT: 13.66
Delta R.T
Lab File:
Acq: 5 May 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 291

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

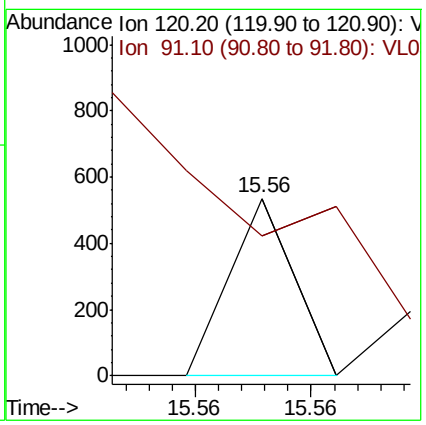


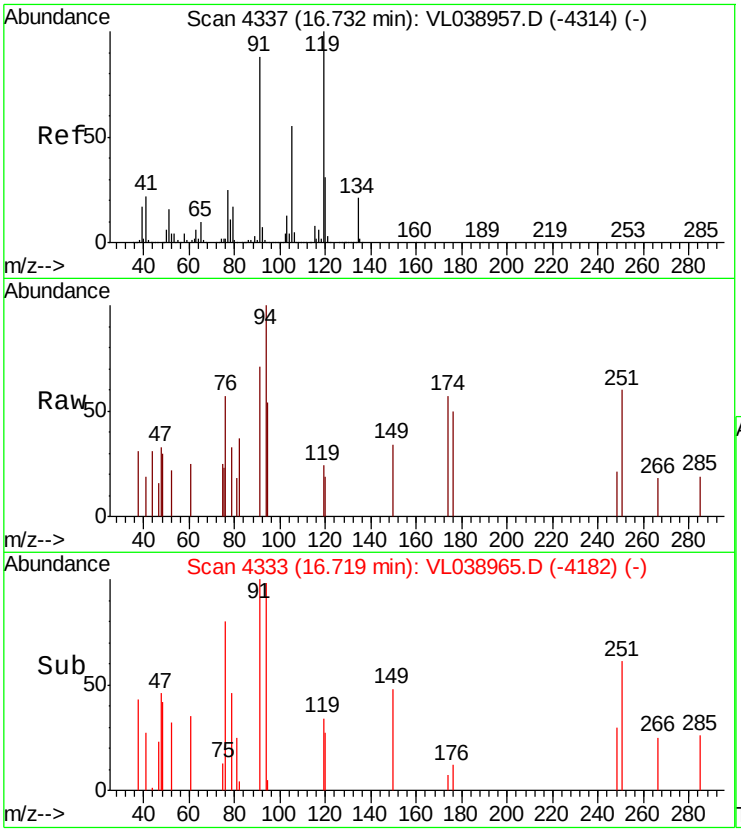


#64
n-propylbenzene
Concen: 0.001 ppbv
RT: 15.56 min Scan# 3972
Delta R.T. 0.01 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion:120 Resp: 103

Ion	Ratio	Lower	Upper
120	100		
91	865.0	400.6	601.0#

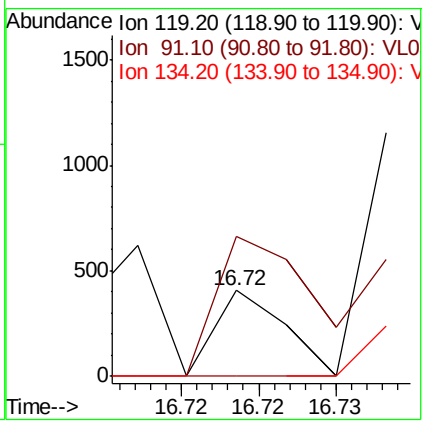


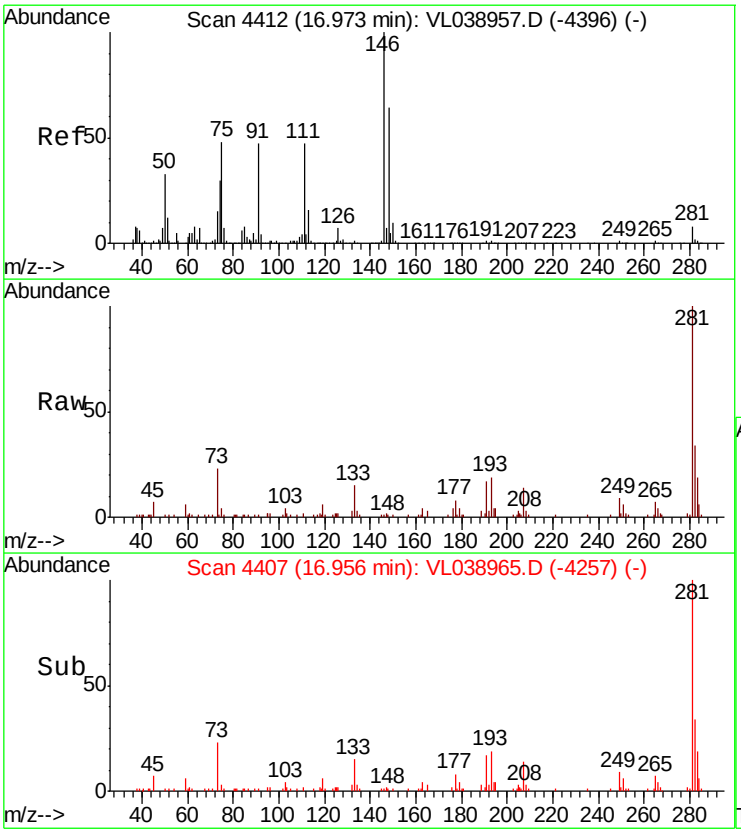


#65
tert-Butylbenzene
Concen: 0.000 ppbv
RT: 16.72
Delta R.T
Lab File:
Acq: 5 May 2022 9:06

Tgt Ion:119 Resp: 126

Ion	Ratio	Lower	Upper
119	100		
91	0.0	69.4	104.2#
134	0.0	15.8	23.8#

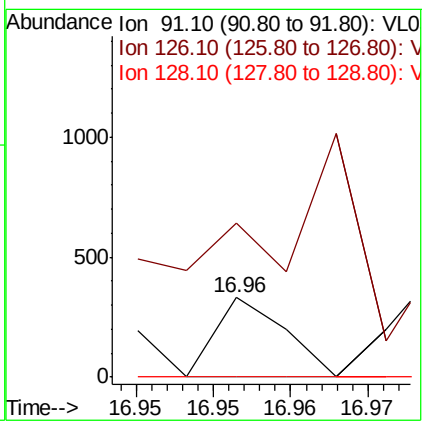


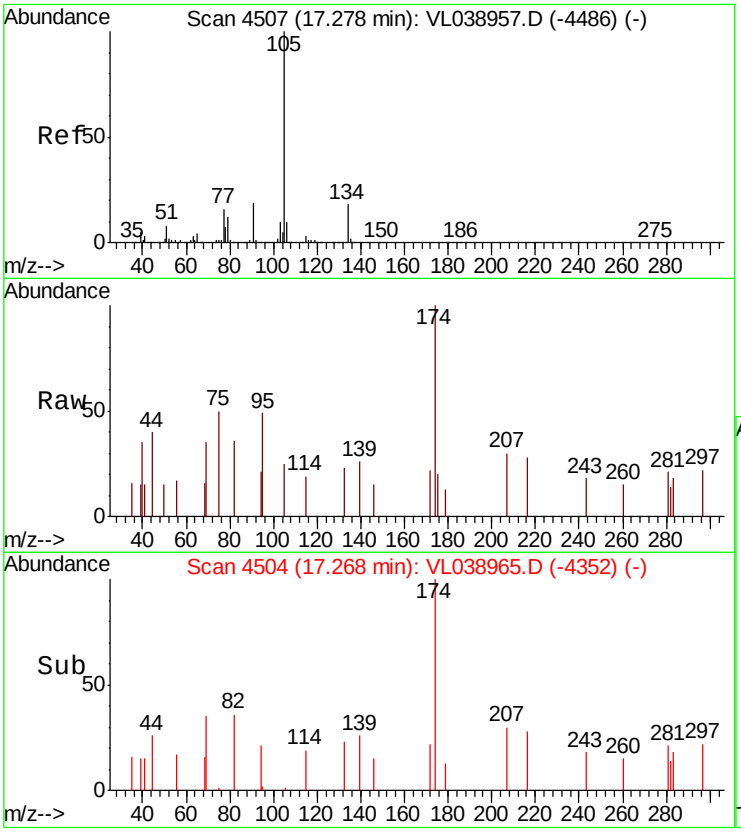


#66
Benzyl Chloride
Concen: 0.002 ppbv
RT: 16.96 min Scan# 4407
Delta R.T. -0.02 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion: 91 Resp: 102

Ion	Ratio	Lower	Upper
91	100		
126	0.0	11.8	17.6#
128	0.0	4.2	6.2#



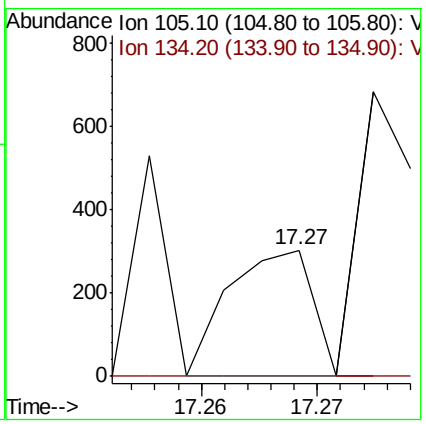


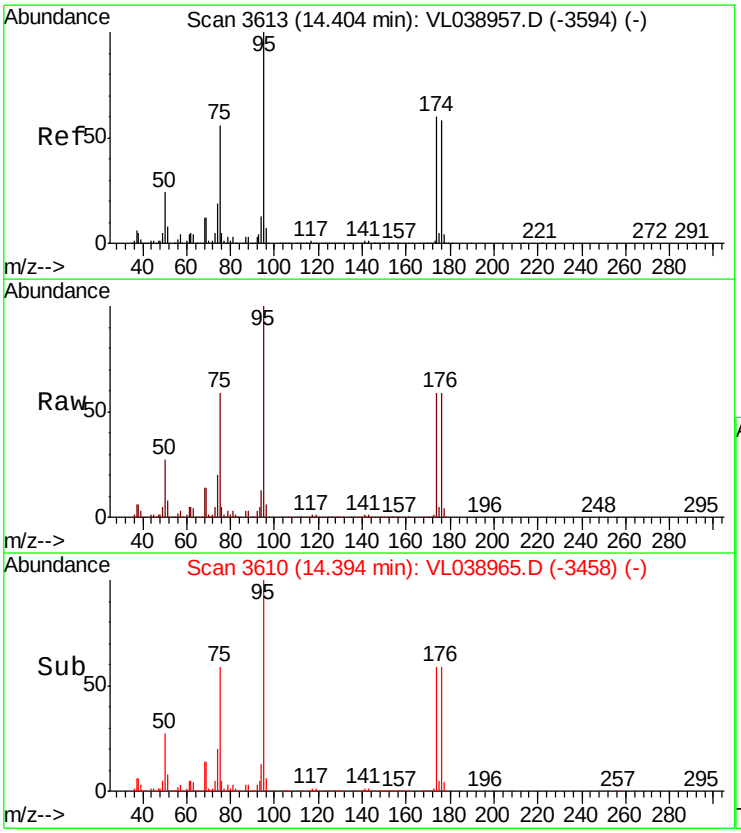
#67
sec-Butylbenzene
Concen: 0.000 ppbv
RT: 17.27
Delta R.T
Lab File:
Acq: 5 May 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 151

Ion	Ratio	Lower	Upper
105	100		
134	0.0	14.2	21.4#

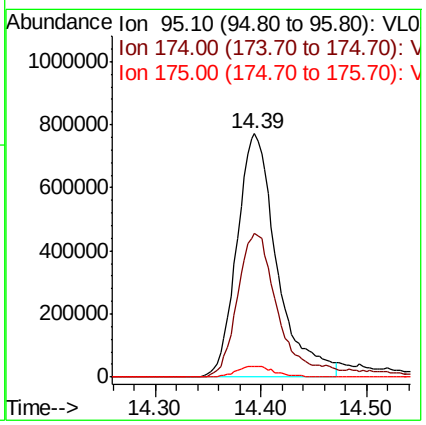


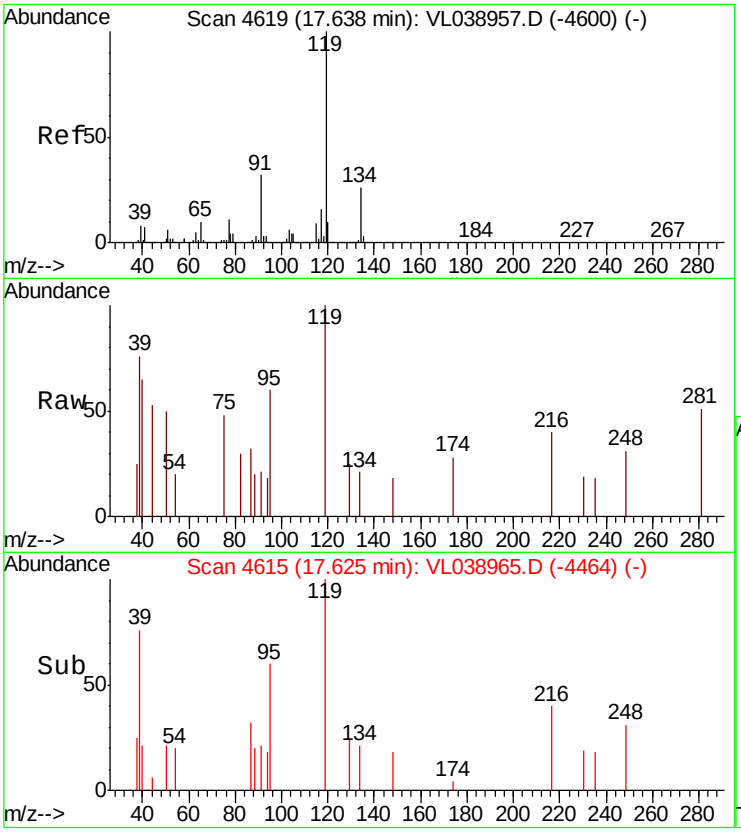


#68
1-Bromo-4-Fluorobenzene
Concen: 9.999 ppbv
RT: 14.39 min Scan# 3610
Delta R.T. -0.01 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion: 95 Resp: 2041048

Ion	Ratio	Lower	Upper
95	100		
174	64.5	50.8	76.2
175	4.7	3.8	5.6



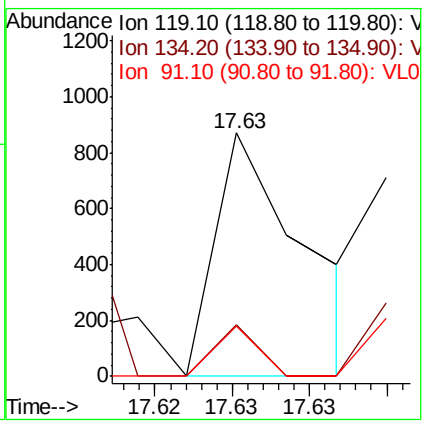


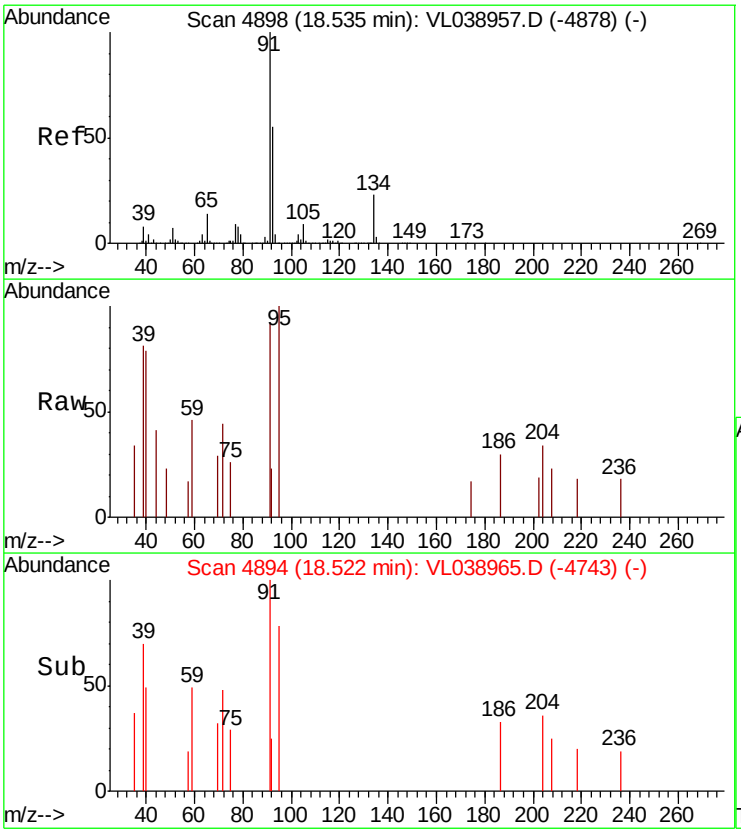
#69
p-Isopropyltoluene
Concen: 0.001 ppbv
RT: 17.63
Delta R.T
Lab File:
Acq: 5 May 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:119 Resp: 343

Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.0	30.0#
91	0.0	24.8	37.2#

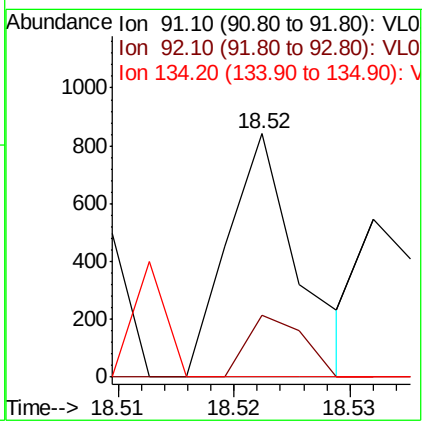


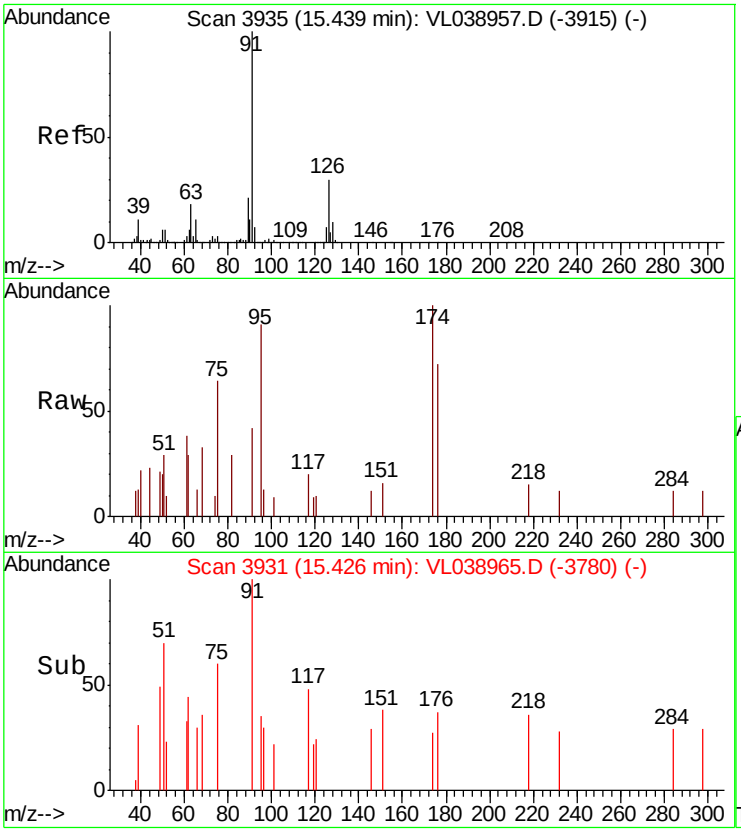


#70
n-Butylbenzene
Concen: 0.001 ppbv
RT: 18.52 min Scan# 4894
Delta R.T. -0.01 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion: 91 Resp: 357

Ion	Ratio	Lower	Upper
91	100		
92	20.2	43.1	64.7#
134	0.0	17.0	25.4#



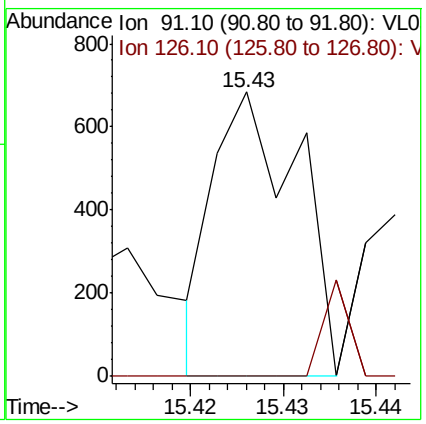


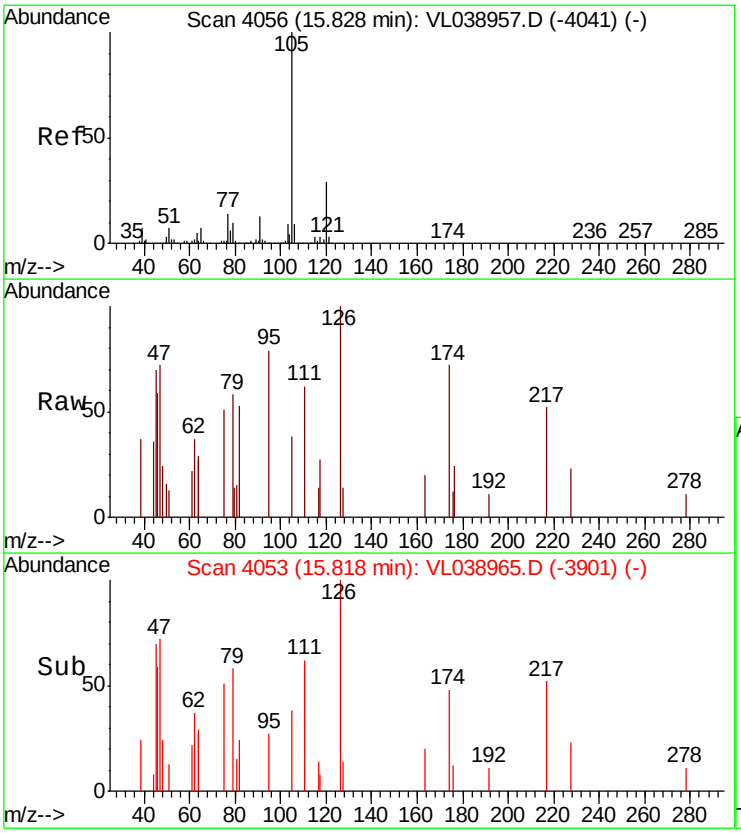
#71
2-Chlorotoluene
Concen: 0.001 ppbv
RT: 15.43
Delta R.T
Lab File:
Acq: 5 May 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 430

Ion	Ratio	Lower	Upper
91	100		
126	0.0	11.9	47.5#

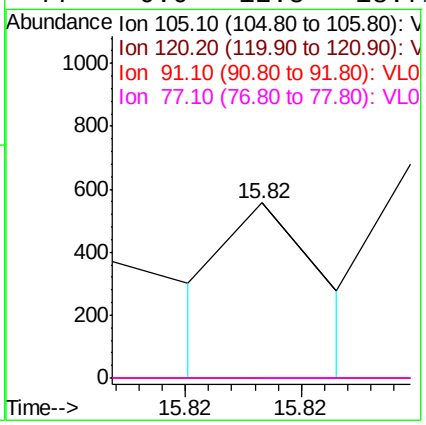


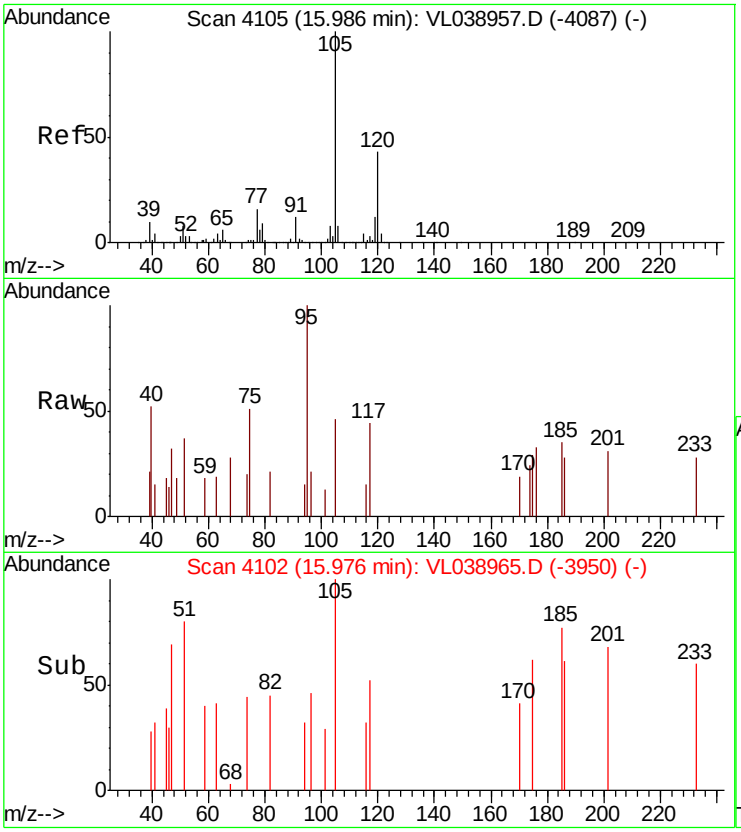


#72
4-Ethyltoluene
Concen: 0.000 ppbv
RT: 15.82 min Scan# 4053
Delta R.T. -0.01 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion:105 Resp: 161

Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.4	35.0#
91	0.0	10.6	16.0#
77	0.0	12.5	18.7#



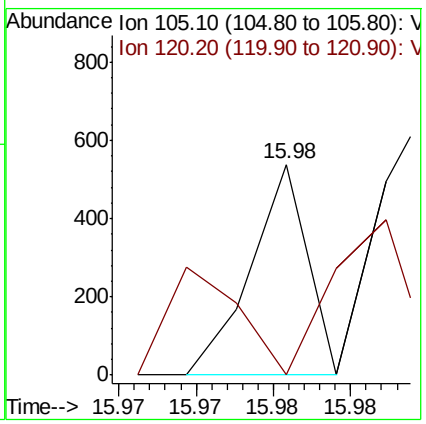


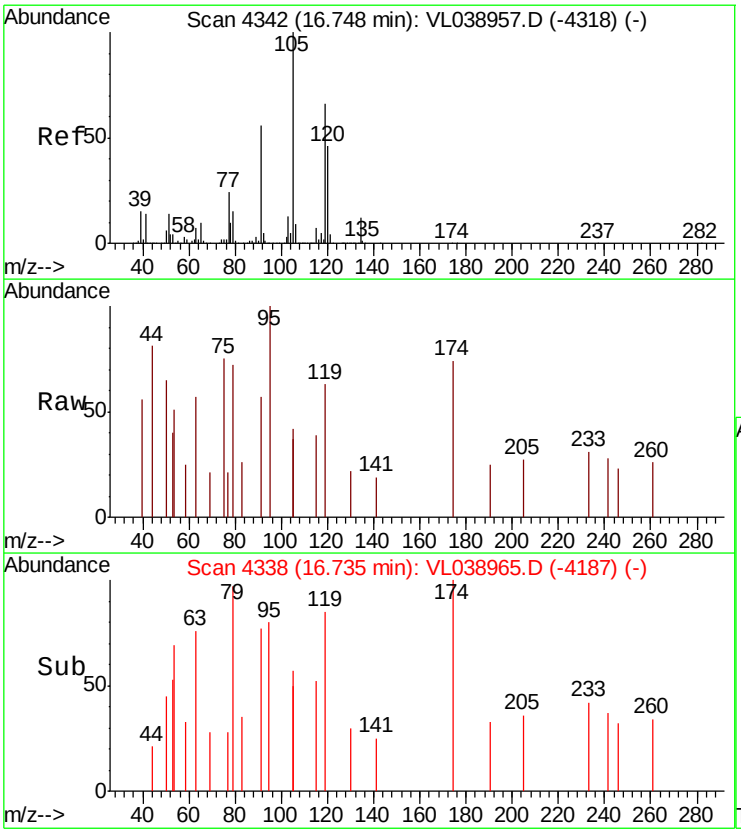
#73
1,3,5-Trimethylbenzene
Concen: 0.000 ppbv
RT: 15.98
Delta R.T
Lab File:
Acq: 5 May 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 136

Ion	Ratio	Lower	Upper
105	100		
120	0.0	34.4	51.6#

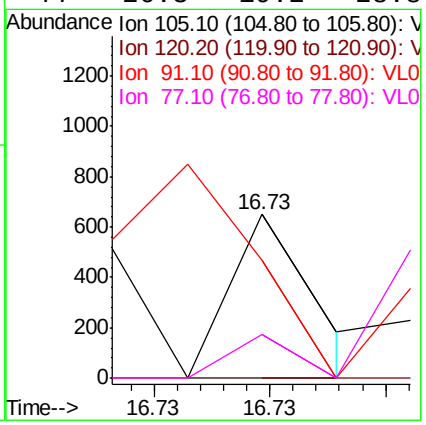


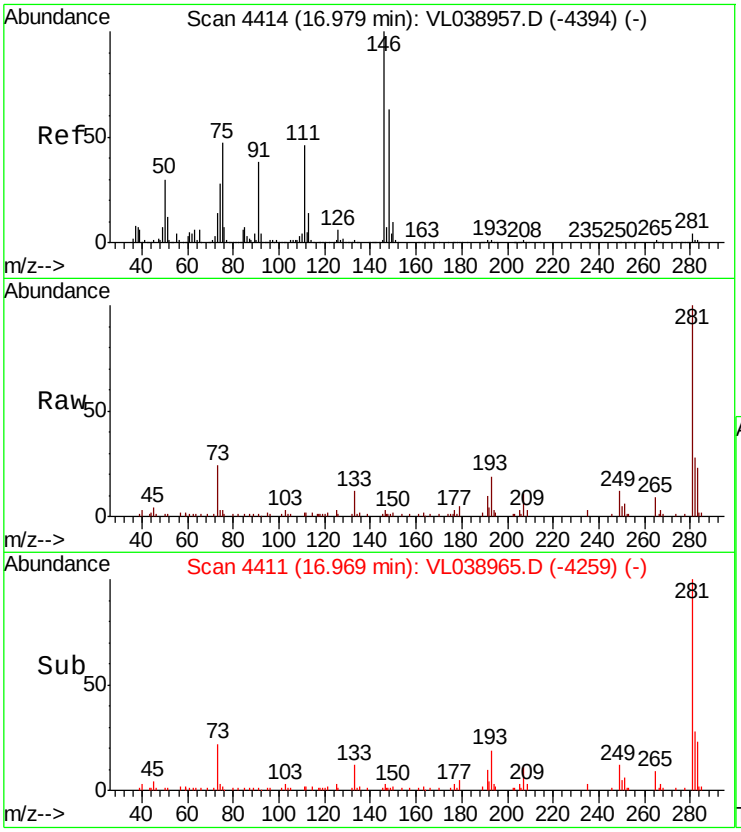


#74
1,2,4-Trimethylbenzene
Concen: 0.000 ppbv
RT: 16.73 min Scan# 4338
Delta R.T. -0.01 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion:105 Resp: 160

Ion	Ratio	Lower	Upper
105	100		
120	0.0	36.9	55.3#
91	72.4	45.0	67.4#
77	26.3	19.2	28.8



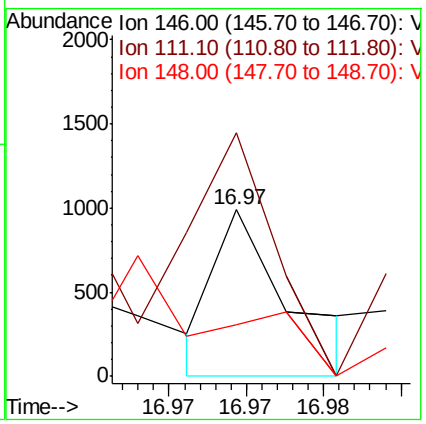


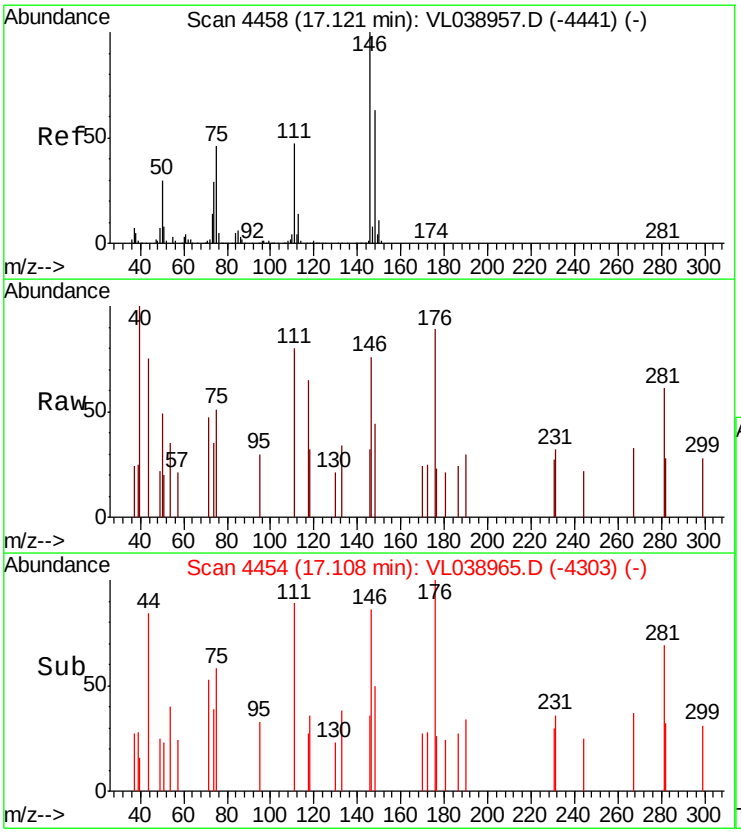
#75
1,3-Dichlorobenzene
Concen: 0.002 ppbv
RT: 16.97
Delta R.T
Lab File:
Acq: 5 May 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:146 Resp: 334

Ion	Ratio	Lower	Upper
146	100		
111	280.5	24.1	72.2#
148	0.0	32.4	97.2#

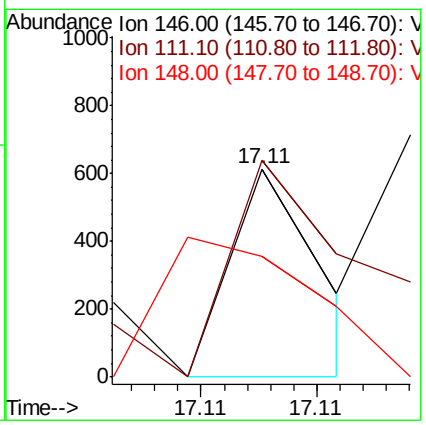


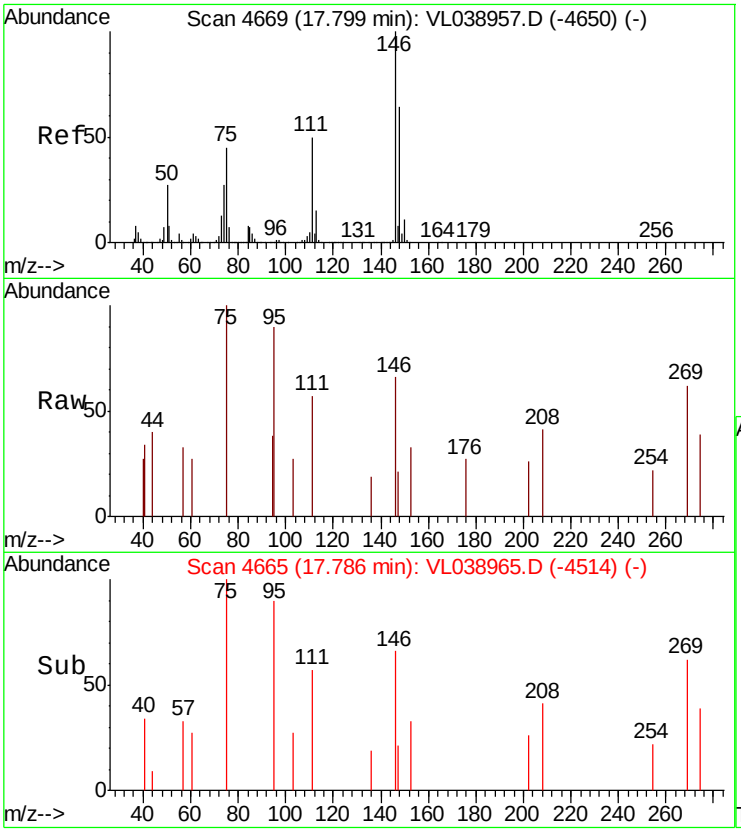


#76
1,4-Dichlorobenzene
Concen: 0.001 ppbv
RT: 17.11 min Scan# 4454
Delta R.T. -0.01 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion:146 Resp: 166

Ion	Ratio	Lower	Upper
146	100		
111	282.5	23.6	71.0#
148	0.0	32.2	96.6#



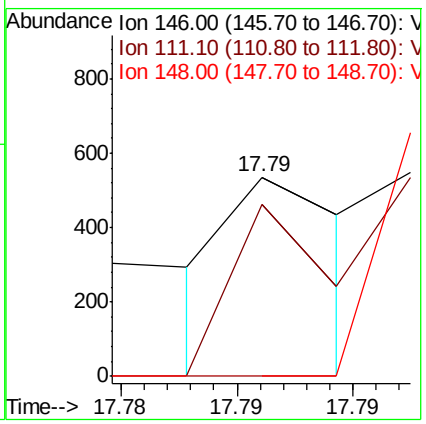


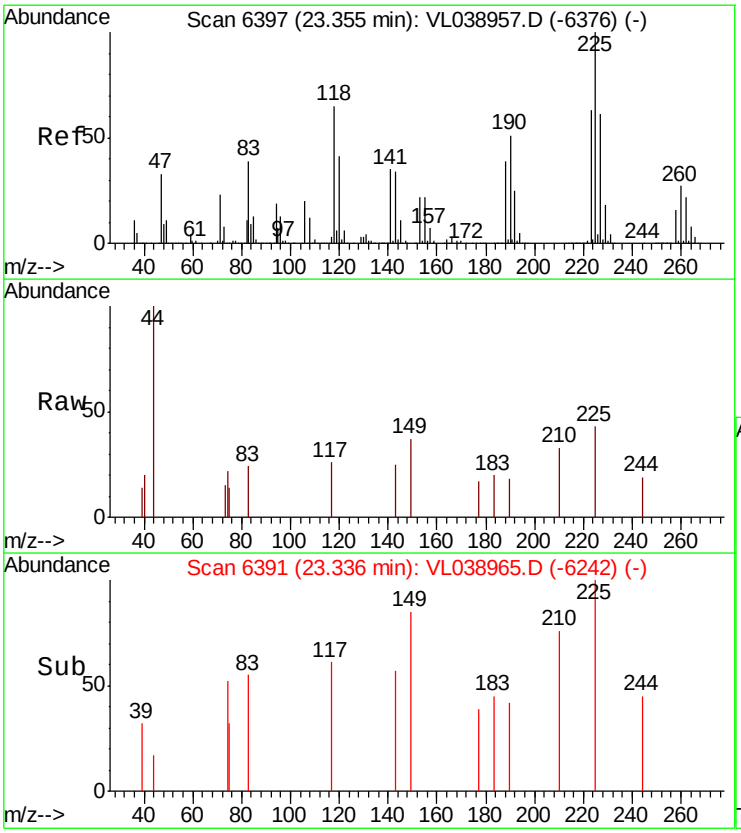
#77
1,2-Dichlorobenzene
Concen: 0.001 ppbv
RT: 17.79
Delta R.T
Lab File:
Acq: 5 May 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:146 Resp: 187

Ion	Ratio	Lower	Upper
146	100		
111	0.0	25.3	75.9#
148	0.0	32.3	96.9#

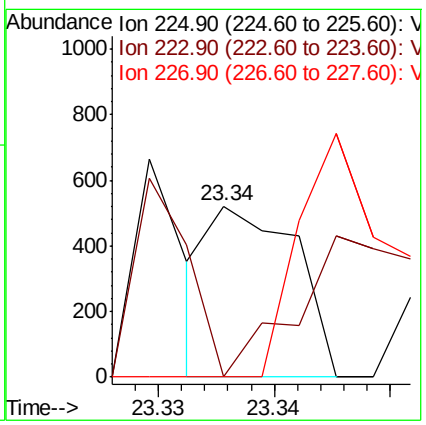


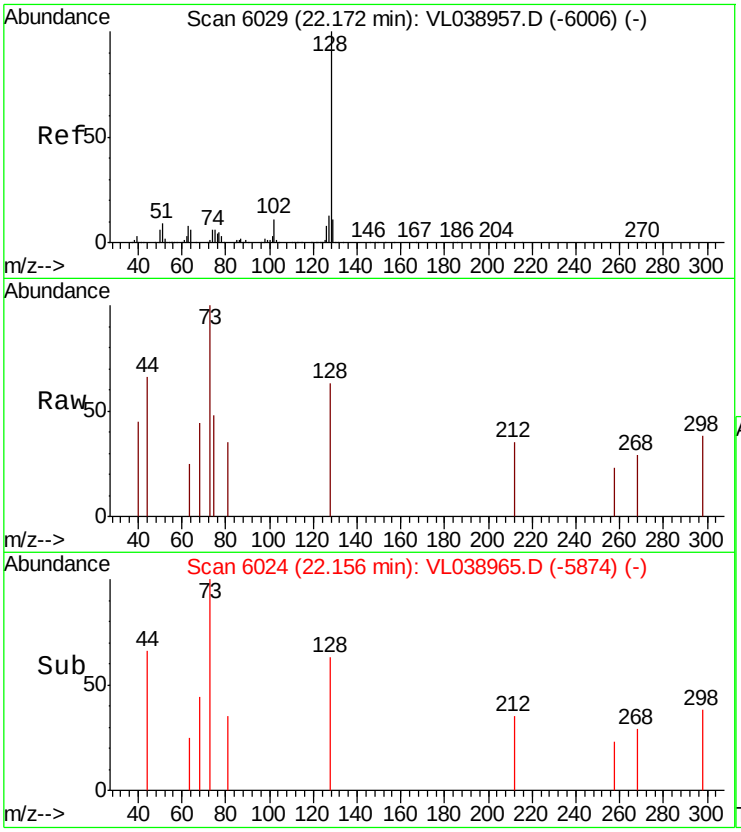


#78
Hexachloro-1,3-Butadiene
Concen: 0.002 ppbv
RT: 23.34 min Scan# 6391
Delta R.T. -0.02 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion:225 Resp: 269

Ion	Ratio	Lower	Upper
225	100		
223	0.0	51.4	77.0#
227	0.0	51.4	77.0#



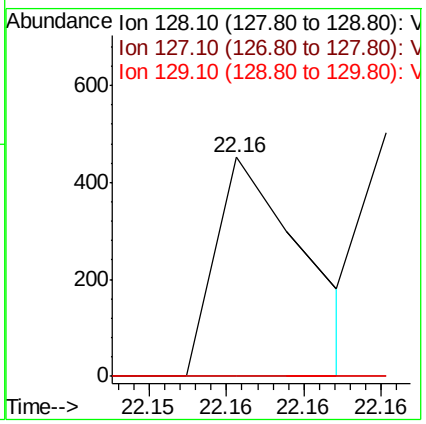


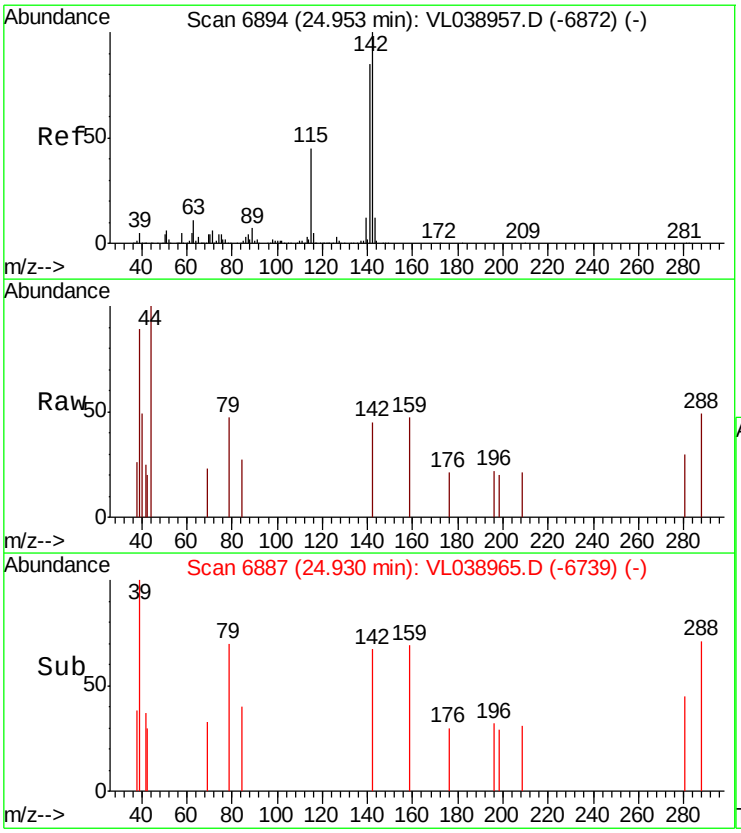
#79
Naphthalene
Concen: 0.001 ppbv
RT: 22.16
Delta R.T
Lab File:
Acq: 5 May 2022 9:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:128 Resp: 180

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.9	13.3#

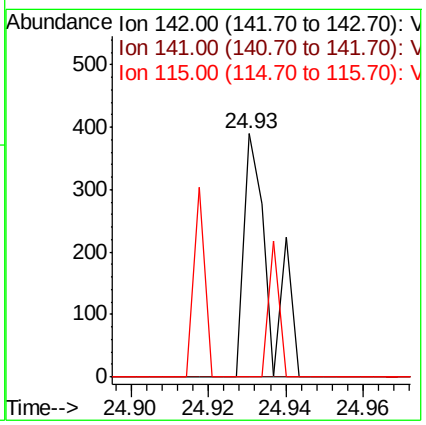


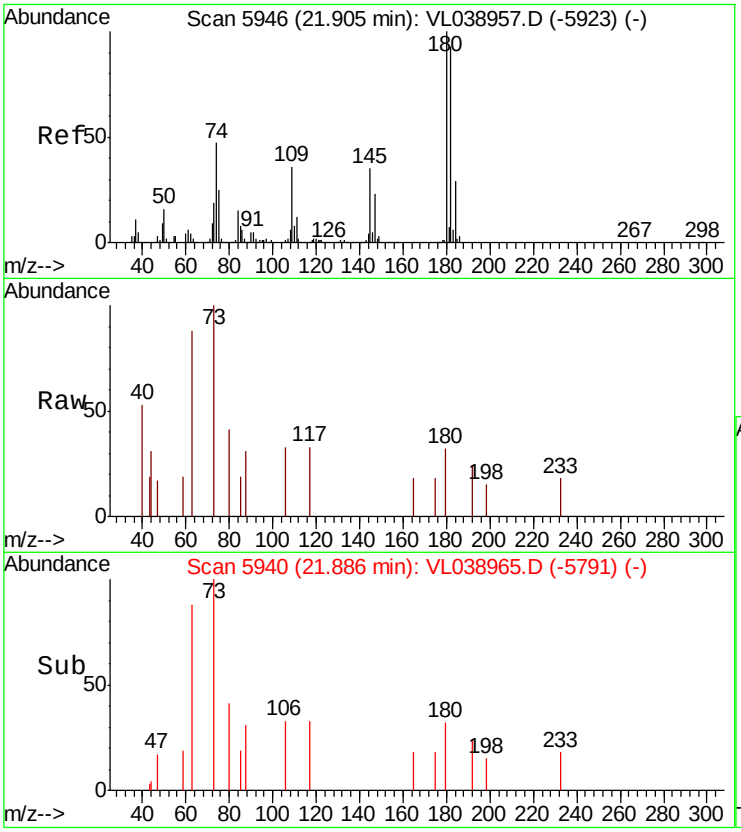


#80
Naphthalene,2-methyl-
Concen: 0.002 ppbv
RT: 24.93 min Scan# 6887
Delta R.T. -0.02 min
Lab File: VL038965.D
Acq: 5 May 2022 9:06

Tgt Ion:142 Resp: 172

Ion	Ratio	Lower	Upper
142	100		
141	0.0	70.8	106.2#
115	17.4	35.1	52.7#





#81
1,2,4-Trichlorobenzene
Concen: 0.000 ppbv
RT: 21.89
Delta R.T
Lab File:
Acq: 5 May 2022 9:08

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:180 Resp: 61

Ion	Ratio	Lower	Upper
180	100		
182	0.0	78.4	117.6#
184	0.0	24.4	36.6#