Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL051722\
Data File : VL039077.D
Acq On : 17 May 2022 20:19
Operator : SY/AP
Sample : N2854-03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 1161-8.01-SG-4

Quant Time: May 18 01:51:30 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 10:12:15 2022
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.68	49	861898	10.00	ppbv		0.01
33) 1,4-Difluorobenzene	7.18	114	1990030	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.09	117	1689163	10.00	ppbv		0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	1401435	10.48	ppbv		0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.06	85	35253	0.261	ppbv		99
3) Chlorodifluoromethane	2.98	51	297982	2.786	ppbv	#	66
4) Chloromethane	3.15	50	28578	0.534	ppbv		89
5) Vinyl Chloride	3.06	62	103	0.002	ppbv	#	44
6) Bromomethane	3.48	94	218	0.009	ppbv		97
7) Chloroethane	3.57	64	97	0.006	ppbv	#	45
8) Dichlorotetrafluoroethane	3.20	85	462	0.004	ppbv	#	1
9) Propene	3.22	41	103580	2.218	ppbv		87
10) Heptane	8.13	43	41194	0.360	ppbv		92
11) Trichlorofluoromethane	3.96	101	30104	0.260	ppbv		92
12) 1,1,2-Trichlorotrifluoroet	4.50	101	5095	0.064	ppbv	#	47
13) Ethanol	3.61	45	749214	226.672	ppbv		86
14) Bromoethene	3.75	108	60	0.002	ppbv	#	1
15) Acetone	3.85	43	1783853	21.941	ppbv		95
16) 1,3-Butadiene	3.32	39	5525	0.118	ppbv	#	9
17) tert-Butyl alcohol	4.29	59	347	0.006	ppbv	#	70
18) 1,1-Dichloroethene	4.30	96	148	0.004	ppbv	#	4
19) Isopropyl Alcohol	3.98	45	485269	12.553	ppbv	#	1
20) Methylene Chloride	4.36	84	954348	31.144	ppbv		97
21) Allyl Chloride	4.42	41	2275	0.041	ppbv	#	19
22) trans-1,2-Dichloroethene	4.89	96	122	0.003	ppbv	#	42
23) Vinyl Acetate	5.07	43	41174	0.640	ppbv	#	3
24) 1,1-Dichloroethane	5.03	63	204	0.003	ppbv	#	89
25) Ethyl Acetate	5.70	43	699966	3.597	ppbv	#	78
26) Hexane	5.70	57	998194	11.545	ppbv	#	39
27) Carbon Disulfide	4.57	76	383	0.005	ppbv	#	63
28) Methyl tert-Butyl Ether	5.04	73	220	0.003	ppbv	#	52
29) Chloroform	5.81	83	181	0.001	ppbv		88
30) Cyclohexane	7.14	84	4365	0.060	ppbv	#	1
31) cis-1,2-Dichloroethene	5.56	61	249	0.003	ppbv	#	27
32) 1,1,1-Trichloroethane	6.54	97	111	0.001	ppbv	#	1
34) 2-Butanone	5.26	43	159942	1.575	ppbv		95
35) Carbon Tetrachloride	7.02	117	1741	0.013	ppbv	#	23
36) Benzene	6.90	78	75206	0.442	ppbv		92
37) 1,2-Dichloroethane	6.31	62	1877	0.018	ppbv	#	94
38) Trichloroethene	7.84	130	518	0.007	ppbv	#	68
39) 1,2-Dichloropropane	7.18	63	558282	8.425	ppbv	#	25
40) 1,4-Dioxane	7.82	88	34	0.001	ppbv	#	1
41) Tetrahydrofuran	6.06	42	48758	0.715	ppbv	#	86
42) Bromodichloromethane	7.80	83	525	0.004	ppbv	#	24
43) Methyl Methacrylate	8.02	69	2097	0.030	ppbv	#	1

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL051722\
Data File : VL039077.D
Acq On : 17 May 2022 20:19
Operator : SY/AP
Sample : N2854-03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 1161-8.01-SG-4

Quant Time: May 18 01:51:30 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 10:12:15 2022
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	150180	0.503	ppbv		91
45) t-1,3-Dichloropropene	9.04	75	74	0.001	ppbv	#	44
46) cis-1,3-Dichloropropene	8.69	75	86	0.001	ppbv	#	64
47) 1,1,2-Trichloroethane	9.48	97	68	0.001	ppbv	#	50
48) Dibromochloromethane	10.33	129	115	0.001	ppbv	#	10
49) Bromoform	12.64	173	37	0.000	ppbv	#	1
50) 4-Methyl-2-Pentanone	8.73	43	1689	0.009	ppbv	#	39
51) 2-Hexanone	10.14	43	1574	0.012	ppbv	#	28
52) Tetrachloroethene	11.22	164	810	0.013	ppbv	#	59
53) Toluene	9.81	91	796963	4.175	ppbv		99
54) 1,2-Dibromoethane	10.17	107	36	0.000	ppbv	#	3
56) 1,1,1,2-Tetrachloroethane	12.11	131	118	0.002	ppbv	#	1
57) Chlorobenzene	12.15	112	182	0.001	ppbv	#	24
58) Ethyl Benzene	12.72	91	174876	0.719	ppbv		97
59) m/p-Xylene	13.00	91	130161	0.627	ppbv	#	33
60) o-Xylene	13.69	91	197677	1.012	ppbv		100
61) Styrene	13.54	104	3139	0.030	ppbv	#	17
62) Isopropylbenzene	14.67	105	3187	0.011	ppbv	#	1
63) 1,1,2,2-Tetrachloroethane	13.69	83	82	0.001	ppbv	#	24
64) n-propylbenzene	15.57	120	1076	0.016	ppbv	#	1
65) tert-Butylbenzene	16.75	119	5508	0.022	ppbv	#	16
66) Benzyl Chloride	17.00	91	242	0.007	ppbv	#	1
67) sec-Butylbenzene	17.38	105	520	0.001	ppbv		94
69) p-Isopropyltoluene	17.66	119	1564	0.005	ppbv	#	1
70) n-Butylbenzene	18.57	91	2525	0.008	ppbv	#	1
71) 2-Chlorotoluene	15.83	91	4864	0.022	ppbv		81
72) 4-Ethyltoluene	15.84	105	43394	0.195	ppbv	#	74
73) 1,3,5-Trimethylbenzene	16.01	105	13339	0.067	ppbv		96
74) 1,2,4-Trimethylbenzene	16.76	105	175682	0.801	ppbv	#	62
75) 1,3-Dichlorobenzene	16.99	146	75	0.001	ppbv	#	1
76) 1,4-Dichlorobenzene	17.14	146	719	0.006	ppbv	#	1
77) 1,2-Dichlorobenzene	17.83	146	179	0.002	ppbv	#	22
78) Hexachloro-1,3-Butadiene	23.37	225	227	0.002	ppbv	#	18
79) Naphthalene	22.20	128	2486	0.014	ppbv	#	80
80) Naphthalene,2-methyl-	24.81	142	76	0.001	ppbv		94
81) 1,2,4-Trichlorobenzene	21.94	180	319	0.003	ppbv	#	16

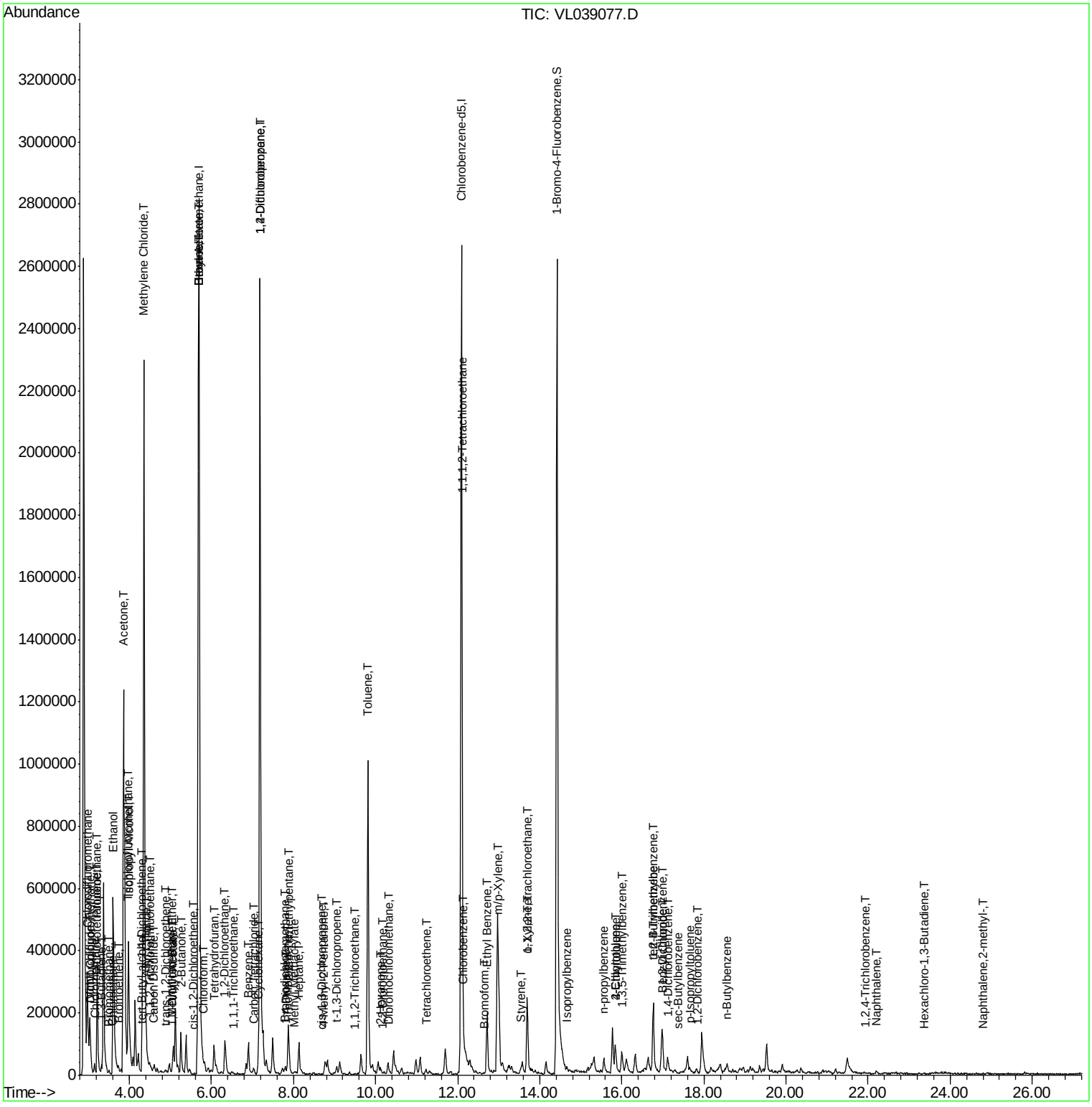
(#) = qualifier out of range (m) = manual integration (+) = signals summed

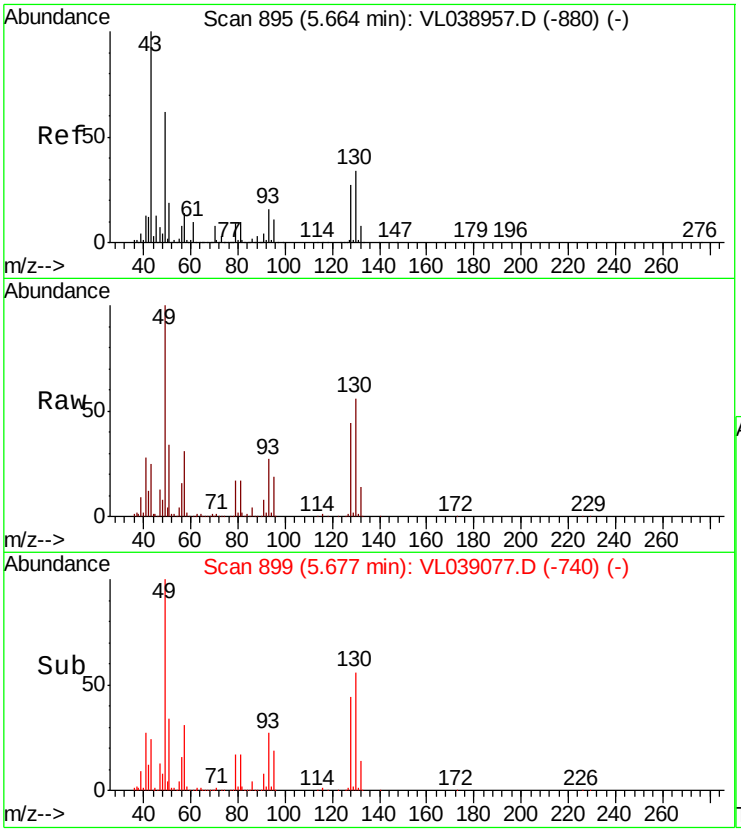
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL051722\
Data File : VL039077.D
Acq On : 17 May 2022 20:19
Operator : SY/AP
Sample : N2854-03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4

Quant Time: May 18 01:51:30 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 10:12:15 2022
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration



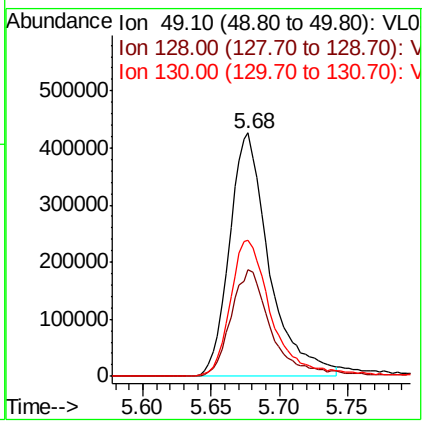


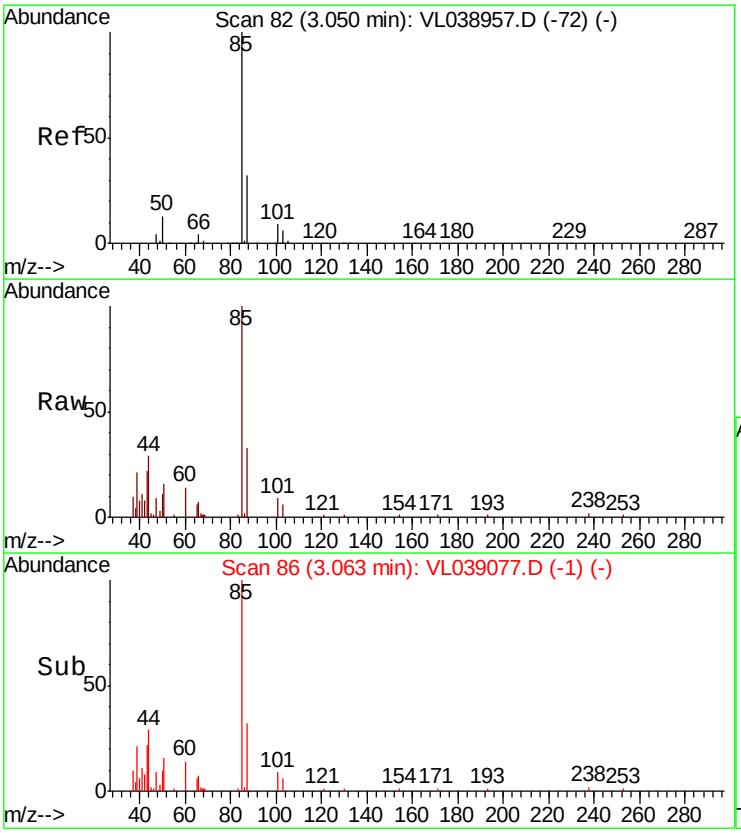
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 17 May 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4

Tgt Ion: 49 Resp: 861898

Ion	Ratio	Lower	Upper
49	100		
128	45.3	23.3	69.8
130	59.4	29.8	89.3

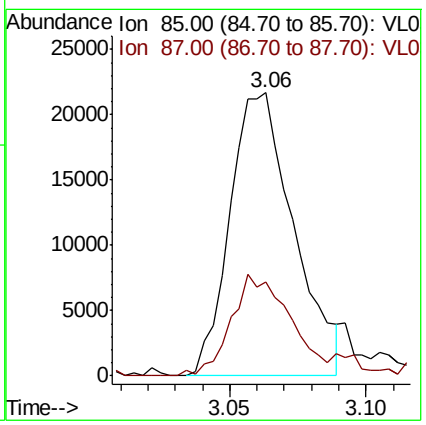


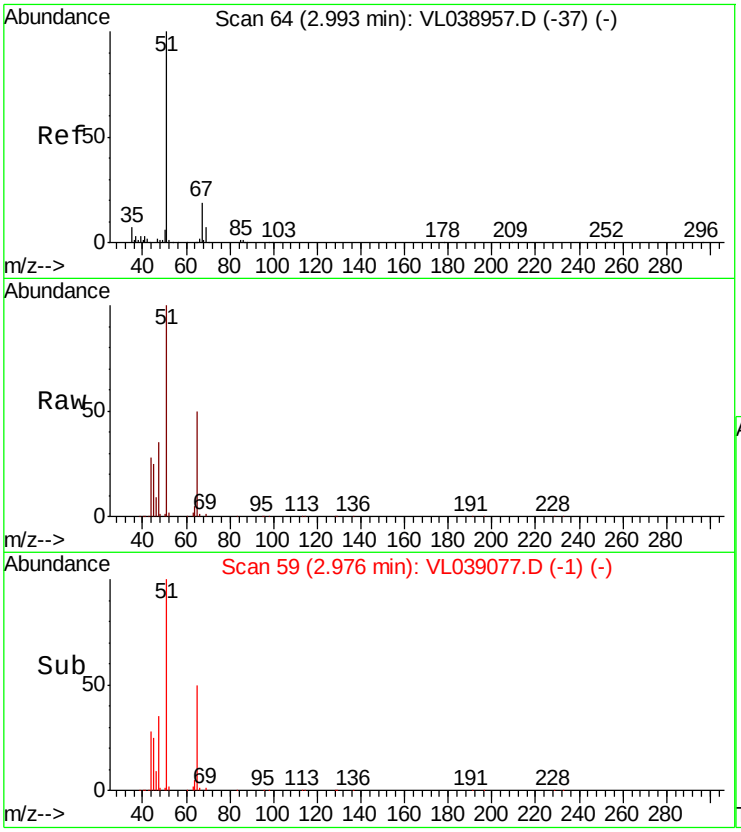


#2
Dichlorodifluoromethane
Concen: 0.261 ppbv
RT: 3.06 min Scan# 86
Delta R.T. 0.01 min
Lab File: VL039077.D
Acq: 17 May 2022 20:19

Tgt Ion: 85 Resp: 35253

Ion	Ratio	Lower	Upper
85	100		
87	31.6	25.7	38.5



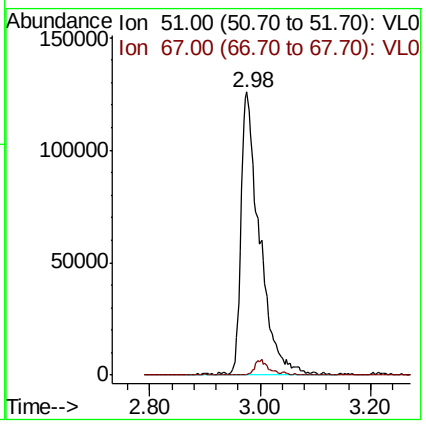


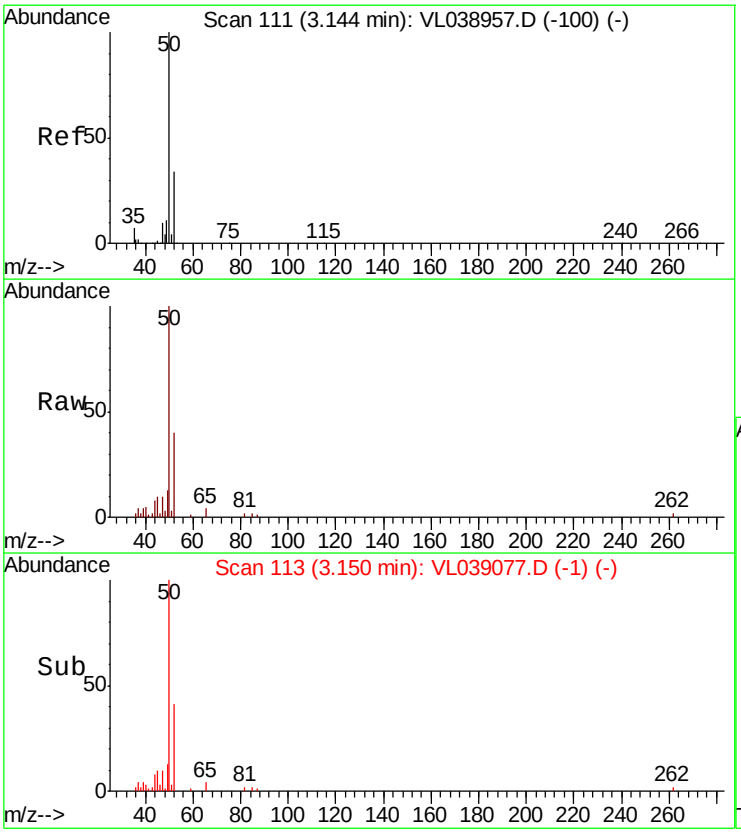
#3
Chlorodifluoromethane
Concen: 2.786 ppbv
RT: 2.98
Delta R.T
Lab File:
Acq: 17 May 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4

Tgt Ion: 51 Resp: 297982

Ion	Ratio	Lower	Upper
51	100		
67	4.4	15.8	23.8#

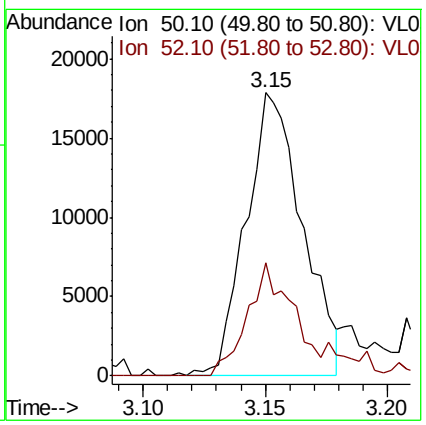


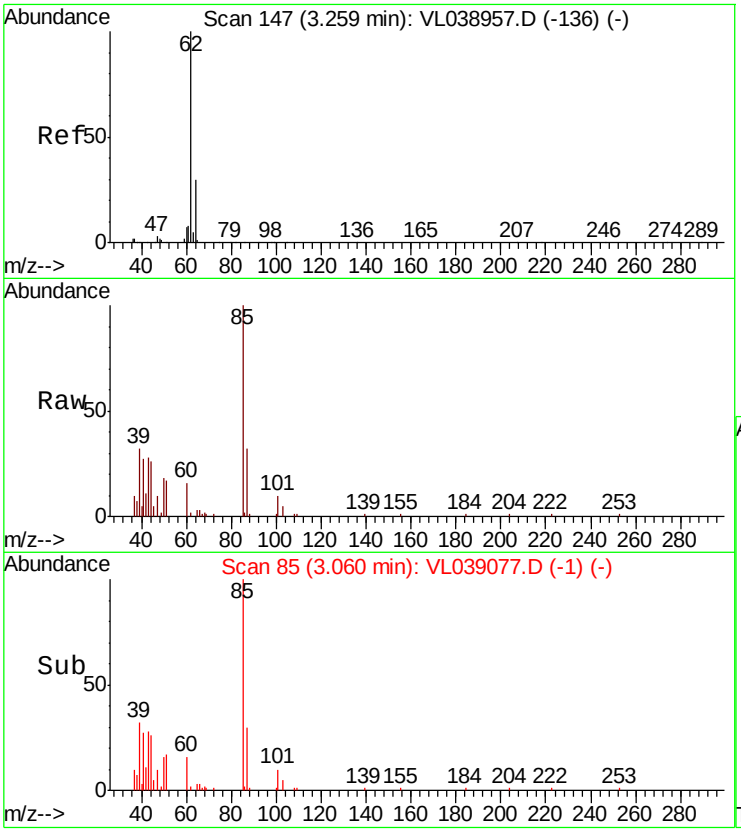


#4
Chloromethane
Concen: 0.534 ppbv
RT: 3.15 min Scan# 113
Delta R.T. 0.01 min
Lab File: VL039077.D
Acq: 17 May 2022 20:19

Tgt Ion: 50 Resp: 28578

Ion	Ratio	Lower	Upper
50	100		
52	40.1	27.3	40.9



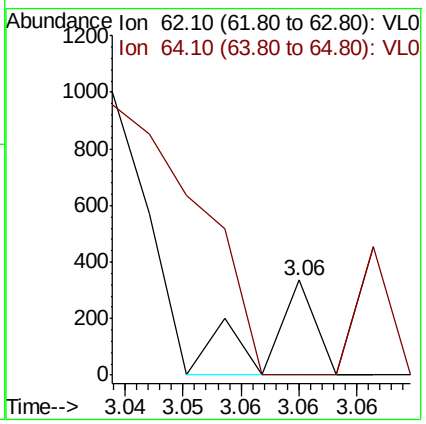


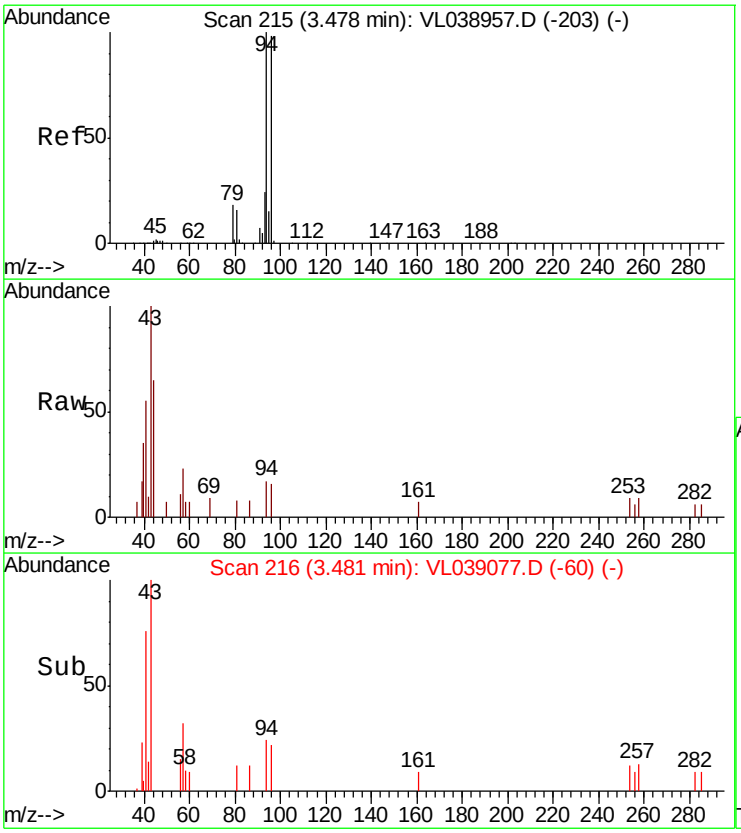
#5
Vinyl Chloride
Concen: 0.002 ppbv
RT: 3.06
Delta R.T
Lab File:
Acq: 17 May 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4

Tgt Ion: 62 Resp: 103

Ion	Ratio	Lower	Upper
62	100		
64	0.0	24.2	36.4#

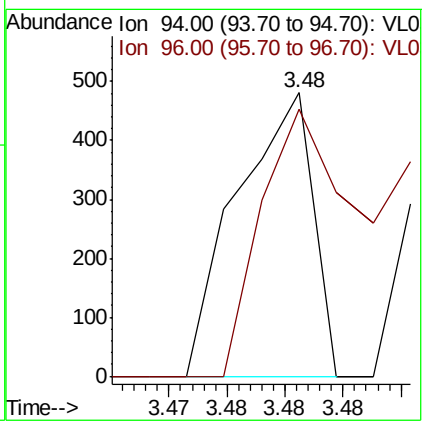


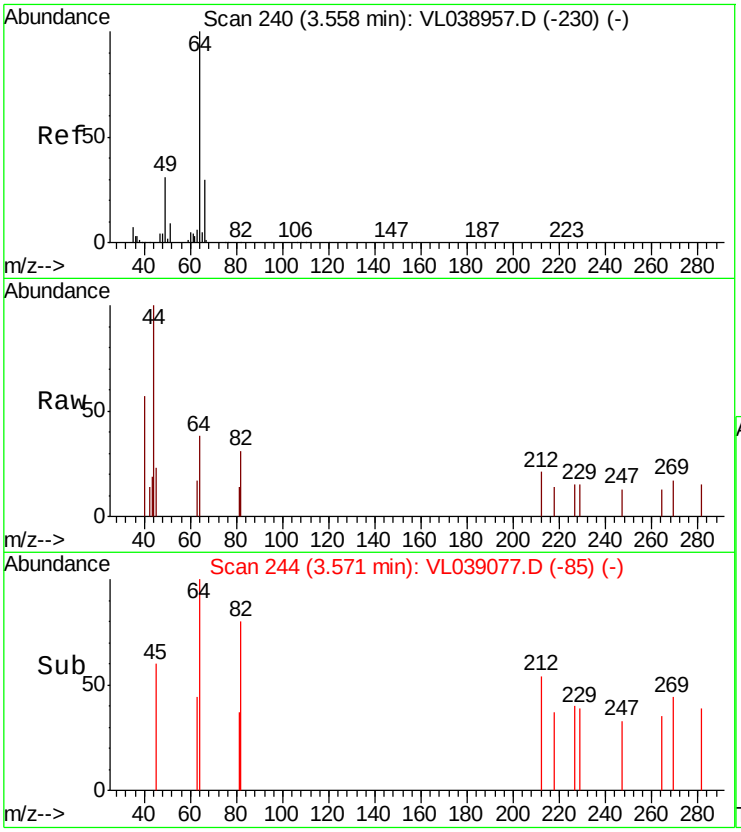


#6
Bromomethane
Concen: 0.009 ppbv
RT: 3.48 min Scan# 216
Delta R.T. 0.00 min
Lab File: VL039077.D
Acq: 17 May 2022 20:19

Tgt Ion: 94 Resp: 218

Ion	Ratio	Lower	Upper
94	100		
96	94.2	78.1	117.1



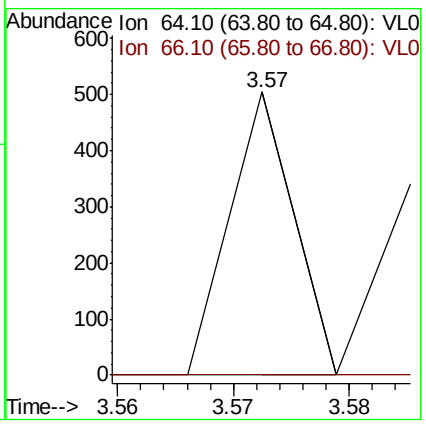


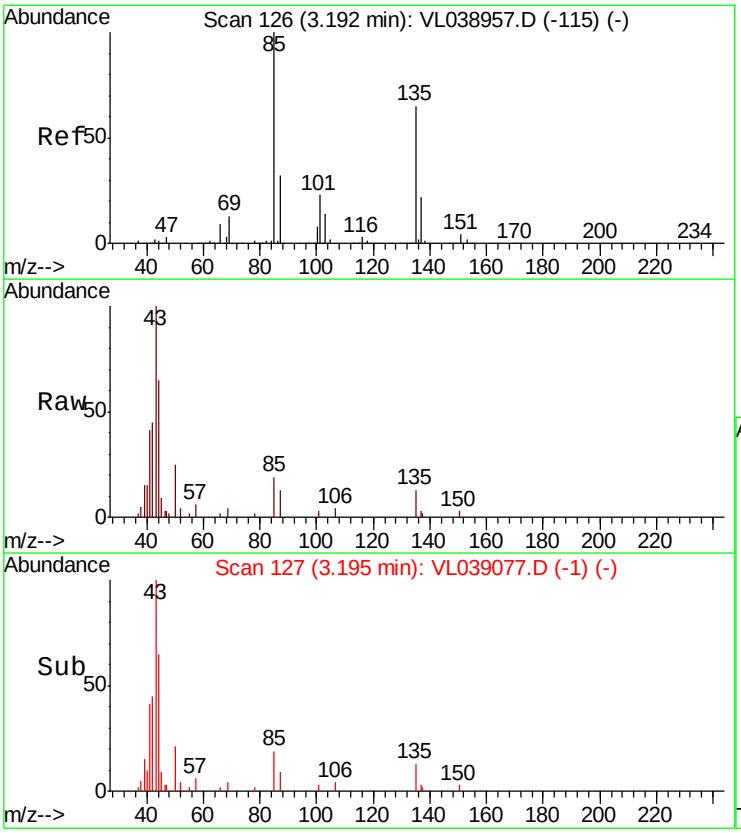
#7
Chloroethane
Concen: 0.006 ppbv
RT: 3.57
Delta R.T
Lab File:
Acq: 17 May 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4

Tgt Ion: 64 Resp: 97

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.8	35.8#

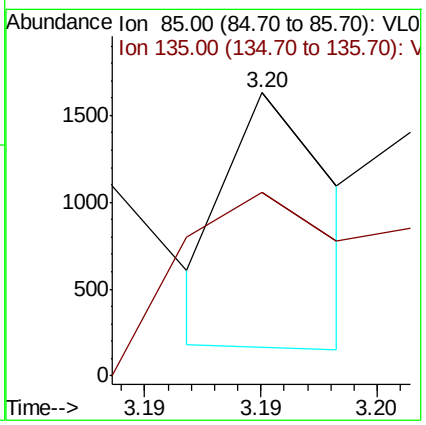


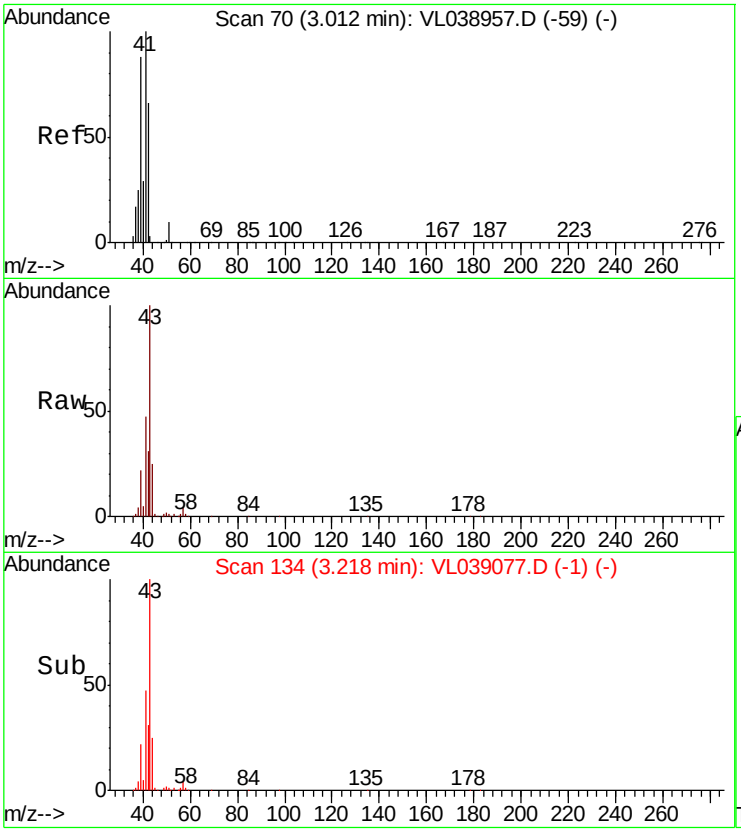


#8
Dichlorotetrafluoroethane
Concen: 0.004 ppbv
RT: 3.20 min Scan# 127
Delta R.T. 0.00 min
Lab File: VL039077.D
Acq: 17 May 2022 20:19

Tgt Ion: 85 Resp: 462

Ion	Ratio	Lower	Upper
85	100		
135	283.5	53.6	80.4#



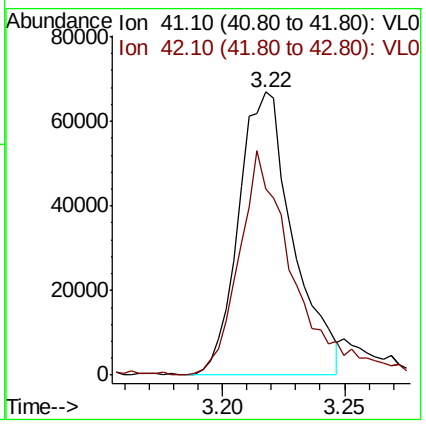


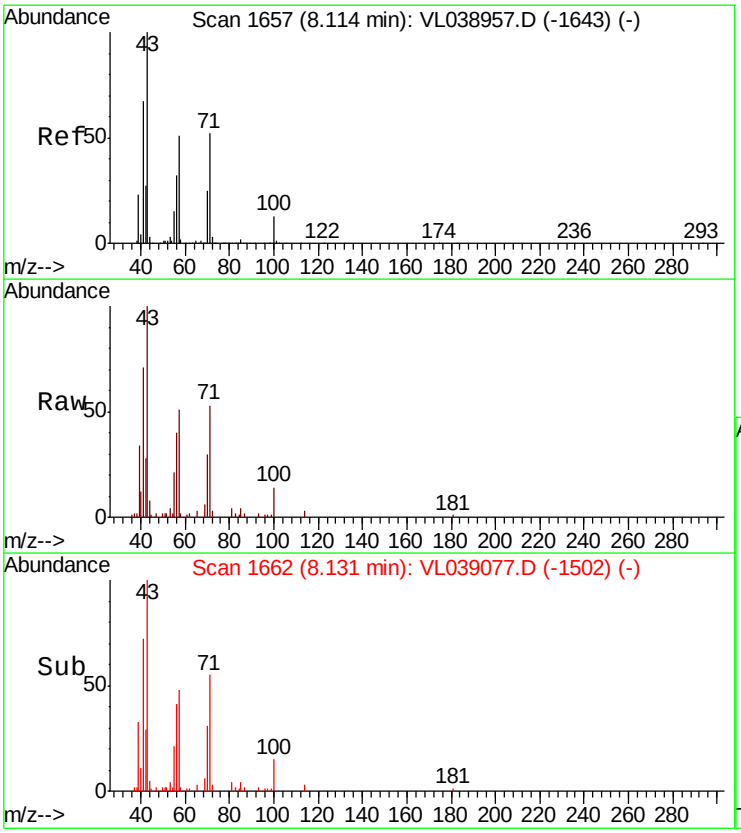
#9
Propene
Concen: 2.218 ppbv
RT: 3.22
Delta R.T
Lab File:
Acq: 17 May 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4

Tgt Ion: 41 Resp: 103580

Ion	Ratio	Lower	Upper
41	100		
42	83.8	58.3	87.5

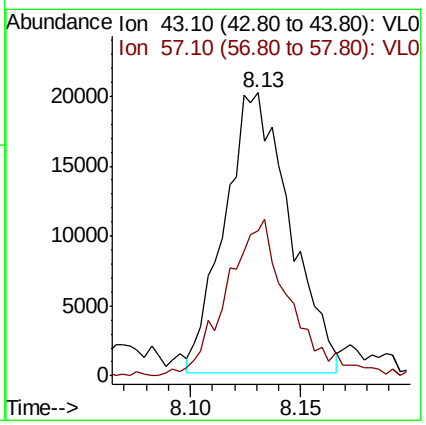


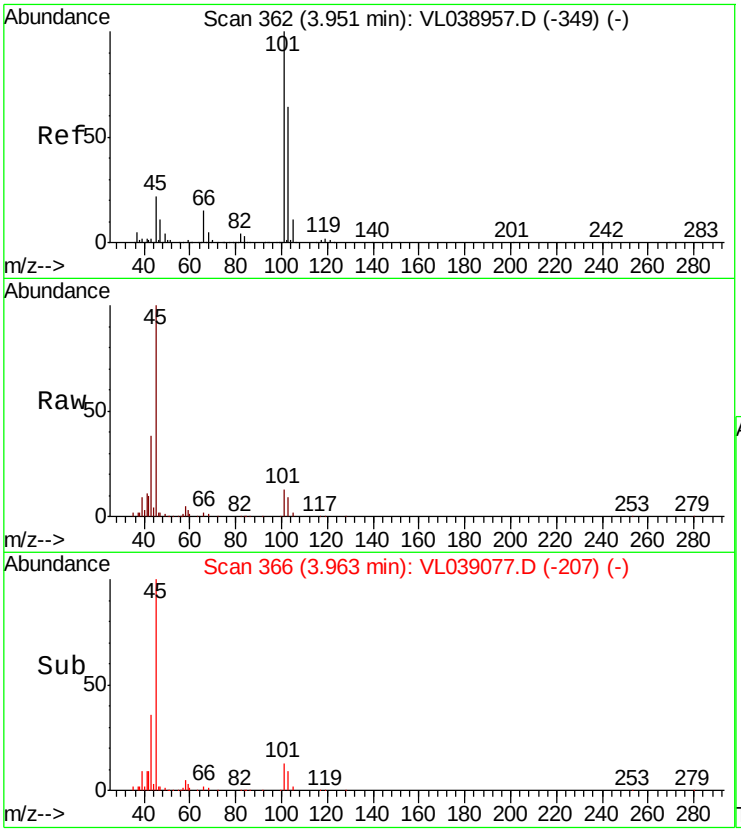


#10
Heptane
Concen: 0.360 ppbv
RT: 8.13 min Scan# 1662
Delta R.T. 0.02 min
Lab File: VL039077.D
Acq: 17 May 2022 20:19

Tgt Ion: 43 Resp: 41194

Ion	Ratio	Lower	Upper
43	100		
57	56.3	40.5	60.7



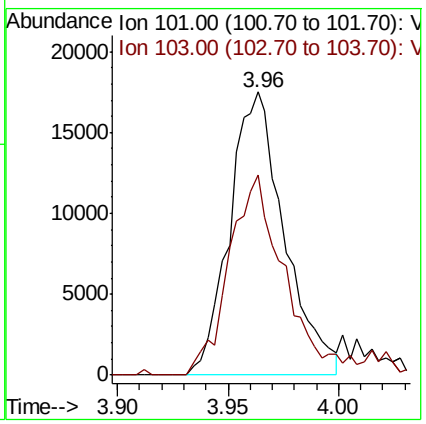


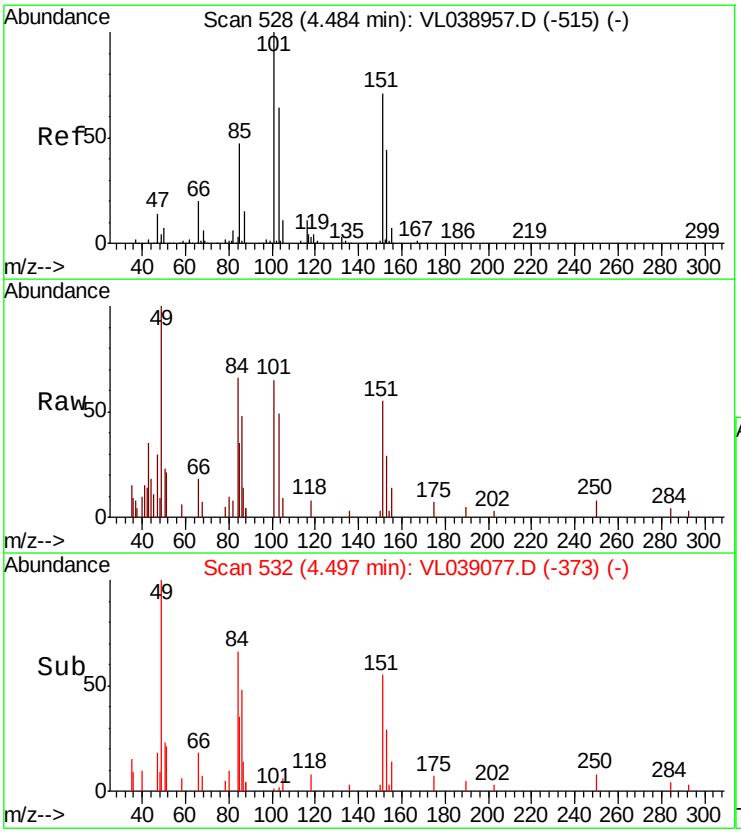
#11
Trichlorofluoromethane
Concen: 0.260 ppbv
RT: 3.96
Delta R.T
Lab File:
Acq: 17 May 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4

Tgt Ion:101 Resp: 30104

Ion	Ratio	Lower	Upper
101	100		
103	70.5	51.5	77.3

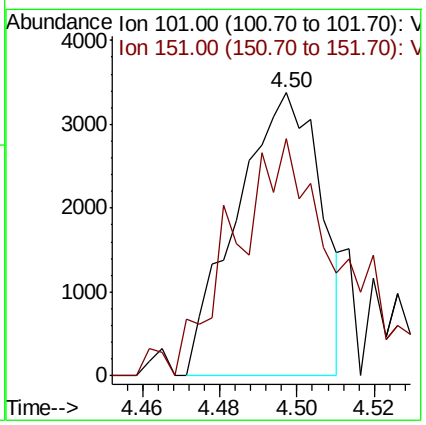


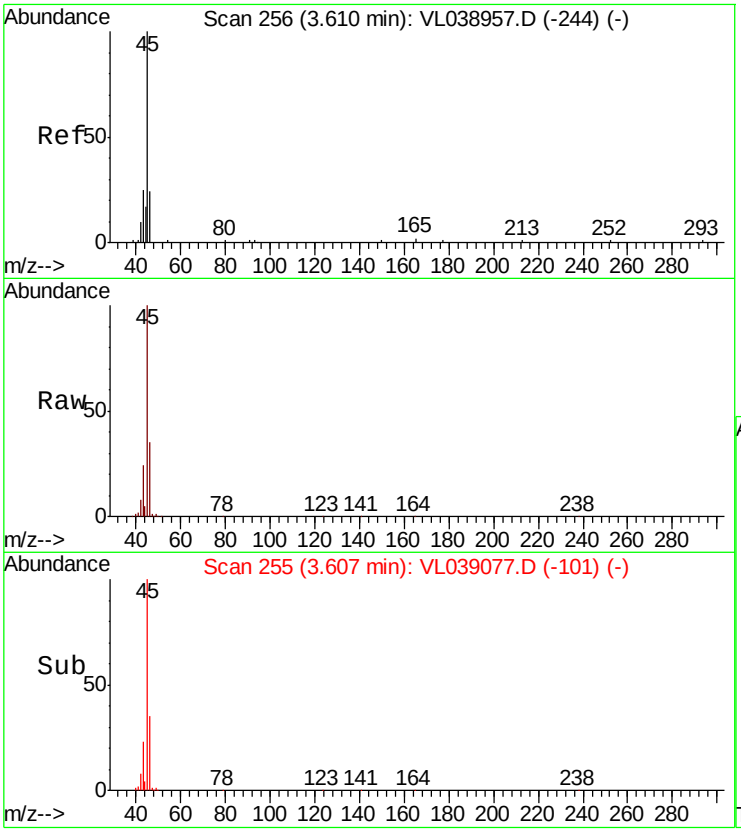


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.064 ppbv
RT: 4.50 min Scan# 532
Delta R.T. 0.01 min
Lab File: VL039077.D
Acq: 17 May 2022 20:19

Tgt Ion:101 Resp: 5095

Ion	Ratio	Lower	Upper
101	100		
151	112.4	55.4	83.0#



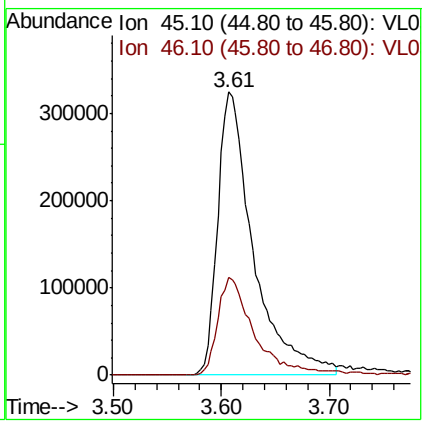


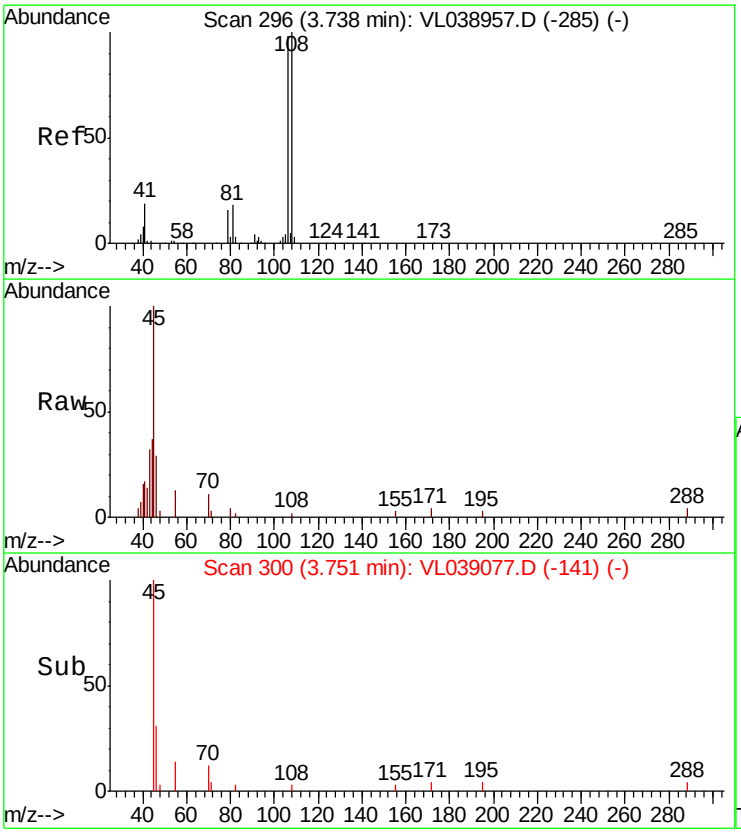
#13
Ethanol
Concen: 226.672 ppbv
RT: 3.61
Delta R.T
Lab File:
Acq: 17 May 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4

Tgt Ion: 45 Resp: 749214

Ion	Ratio	Lower	Upper
45	100		
46	36.0	18.0	72.2

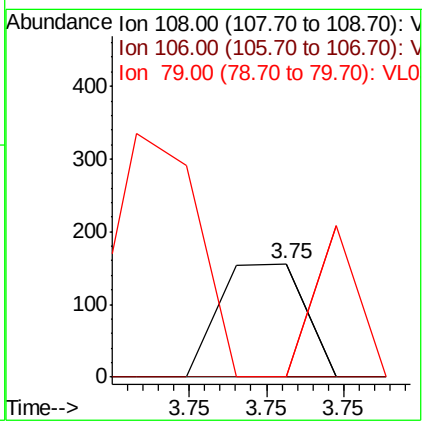


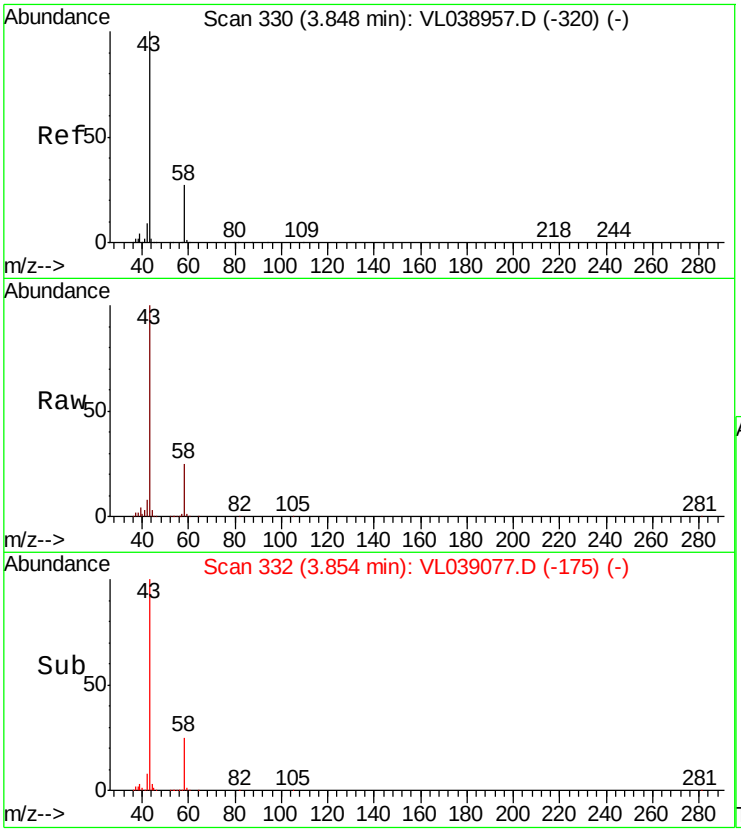


#14
Bromoethene
Concen: 0.002 ppbv
RT: 3.75 min Scan# 300
Delta R.T. 0.01 min
Lab File: VL039077.D
Acq: 17 May 2022 20:19

Tgt Ion:108 Resp: 60

Ion	Ratio	Lower	Upper
108	100		
106	178.3	90.3	135.5#
79	356.7	14.9	22.3#



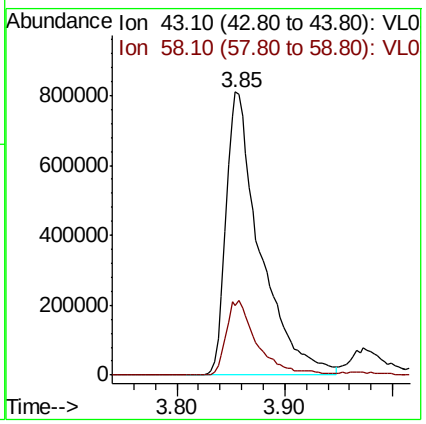


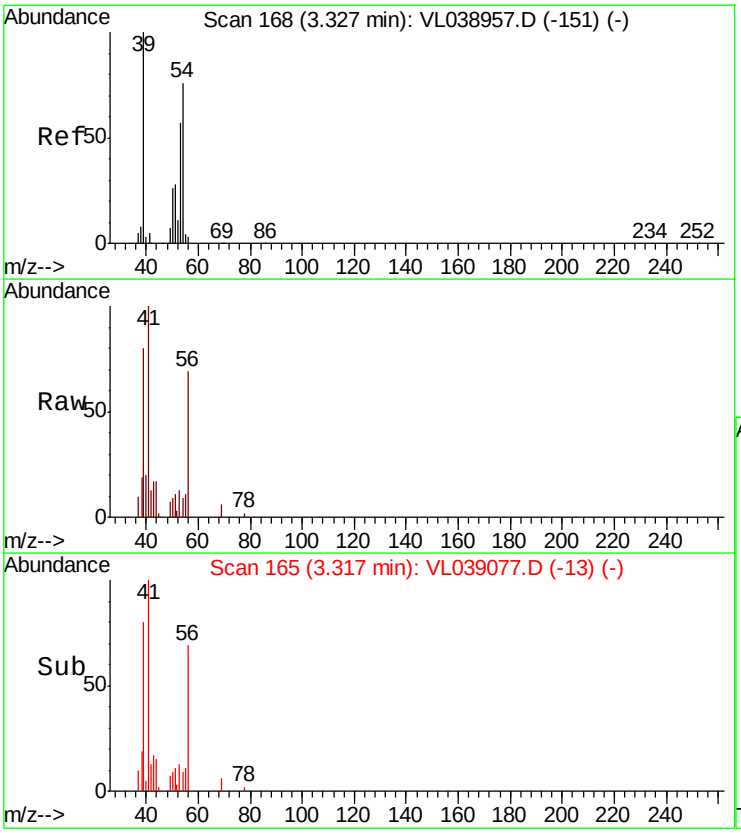
#15
Acetone
Concen: 21.941 ppbv
RT: 3.85
Delta R.T
Lab File:
Acq: 17 May 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4

Tgt Ion: 43 Resp: 1783853

Ion	Ratio	Lower	Upper
43	100		
58	24.0	21.3	31.9

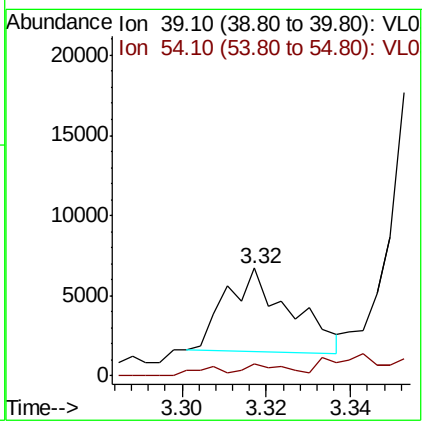


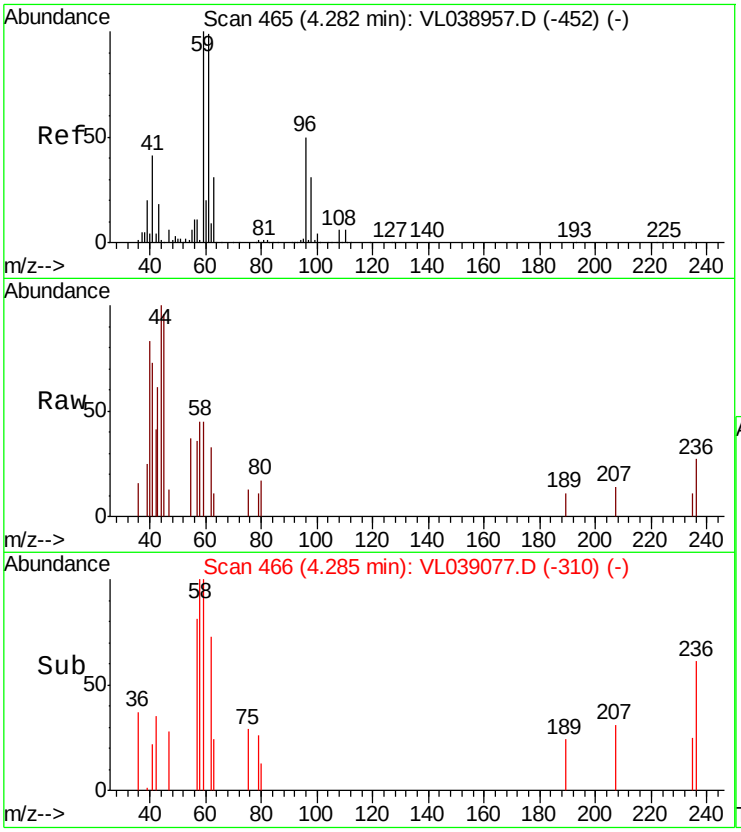


#16
1,3-Butadiene
Concen: 0.118 ppbv
RT: 3.32 min Scan# 165
Delta R.T. -0.01 min
Lab File: VL039077.D
Acq: 17 May 2022 20:19

Tgt Ion: 39 Resp: 5525

Ion	Ratio	Lower	Upper
39	100		
54	0.0	65.2	97.8#



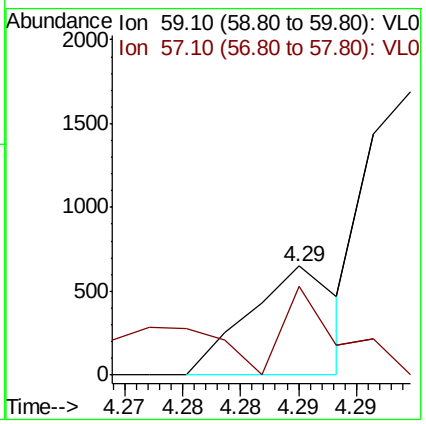


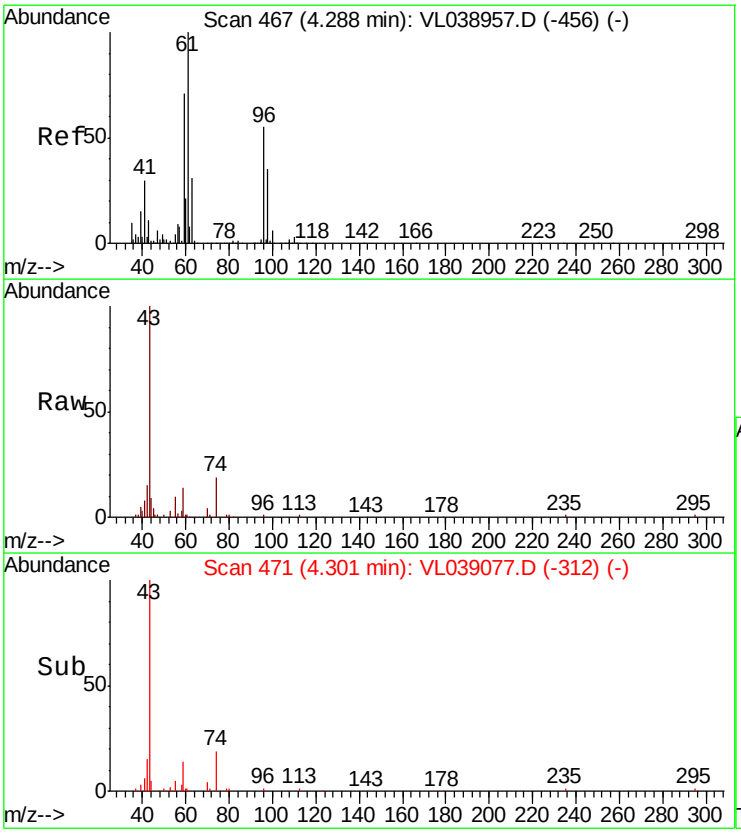
#17
tert-Butyl alcohol
Concen: 0.006 ppbv
RT: 4.29
Delta R.T
Lab File:
Acq: 17 May 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4

Tgt Ion: 59 Resp: 347

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.2	13.8#

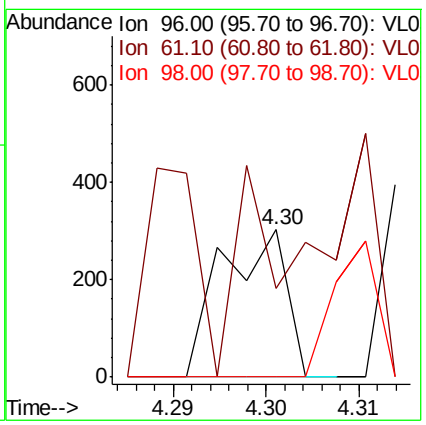


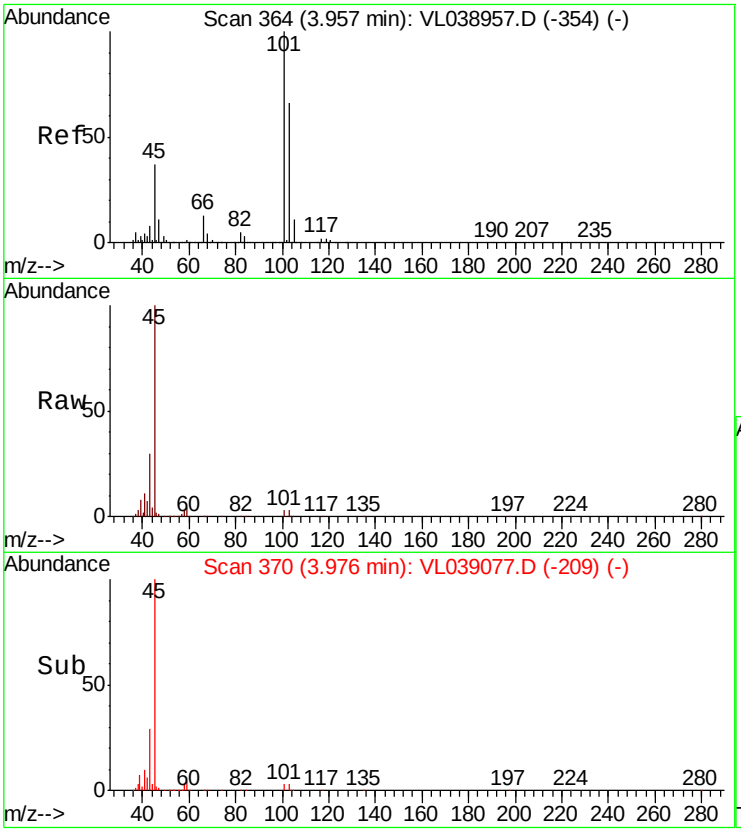


#18
1,1-Dichloroethene
Concen: 0.004 ppbv
RT: 4.30 min Scan# 471
Delta R.T. 0.01 min
Lab File: VL039077.D
Acq: 17 May 2022 20:19

Tgt Ion: 96 Resp: 148

Ion	Ratio	Lower	Upper
96	100		
61	38.0	146.3	219.5#
98	0.0	50.6	75.8#



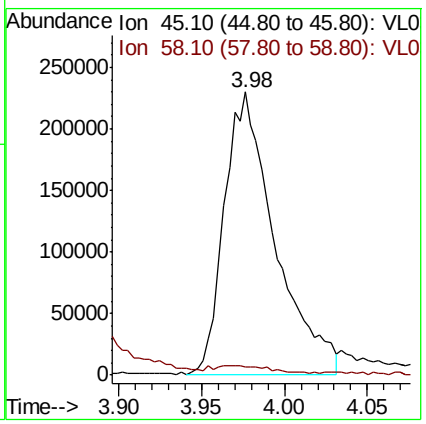


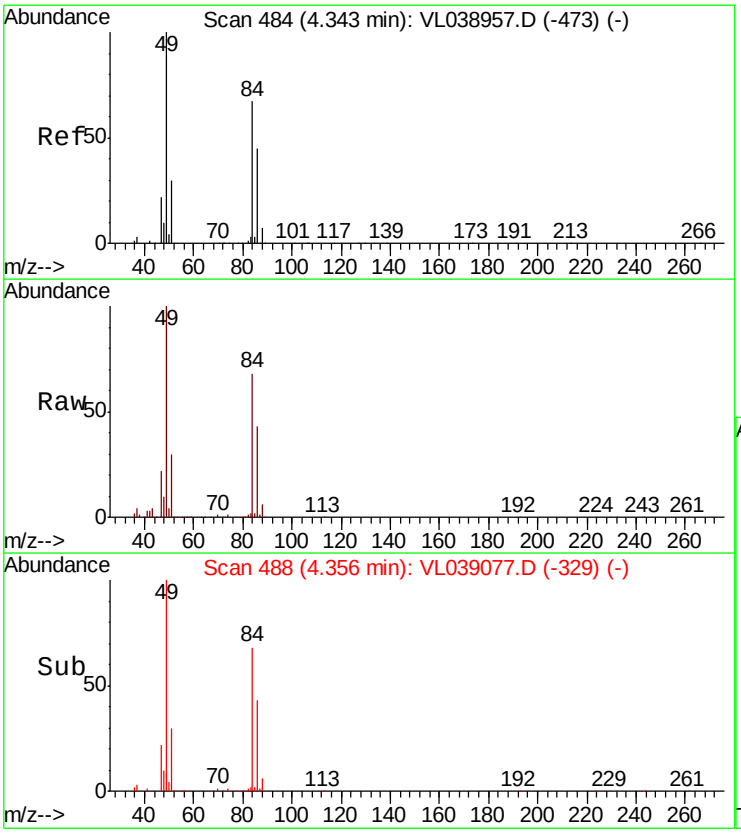
#19
Isopropyl Alcohol
Concen: 12.553 ppbv
RT: 3.98
Delta R.T
Lab File:
Acq: 17 May 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4

Tgt Ion: 45 Resp: 485269

Ion	Ratio	Lower	Upper
45	100		
58	89.1	1.4	2.2#

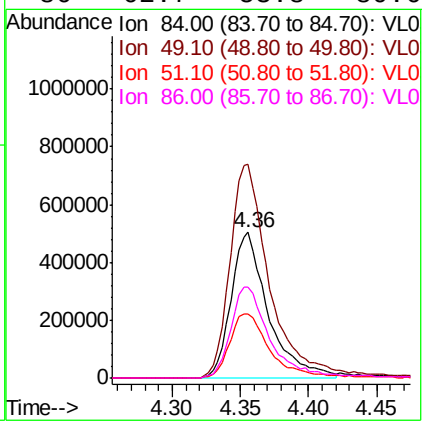


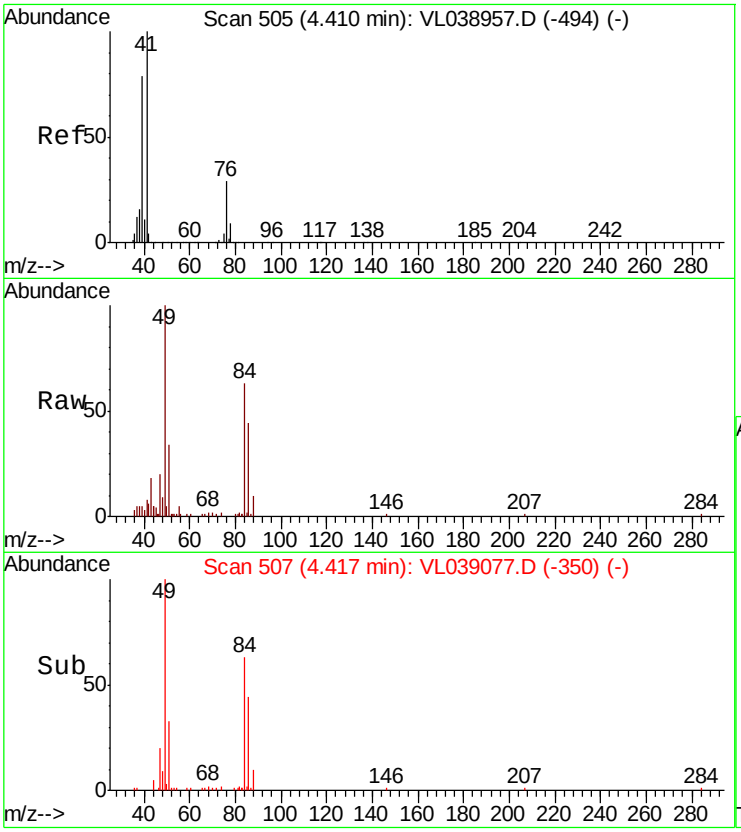


#20
Methylene Chloride
Concen: 31.144 ppbv
RT: 4.36 min Scan# 488
Delta R.T. 0.01 min
Lab File: VL039077.D
Acq: 17 May 2022 20:19

Tgt Ion: 84 Resp: 954348

Ion	Ratio	Lower	Upper
84	100		
49	146.7	119.9	179.9
51	44.0	35.7	53.5
86	62.7	53.8	80.6



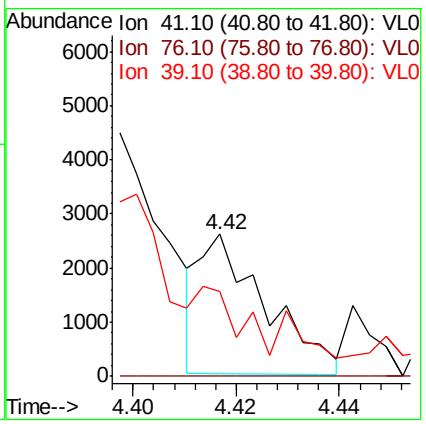


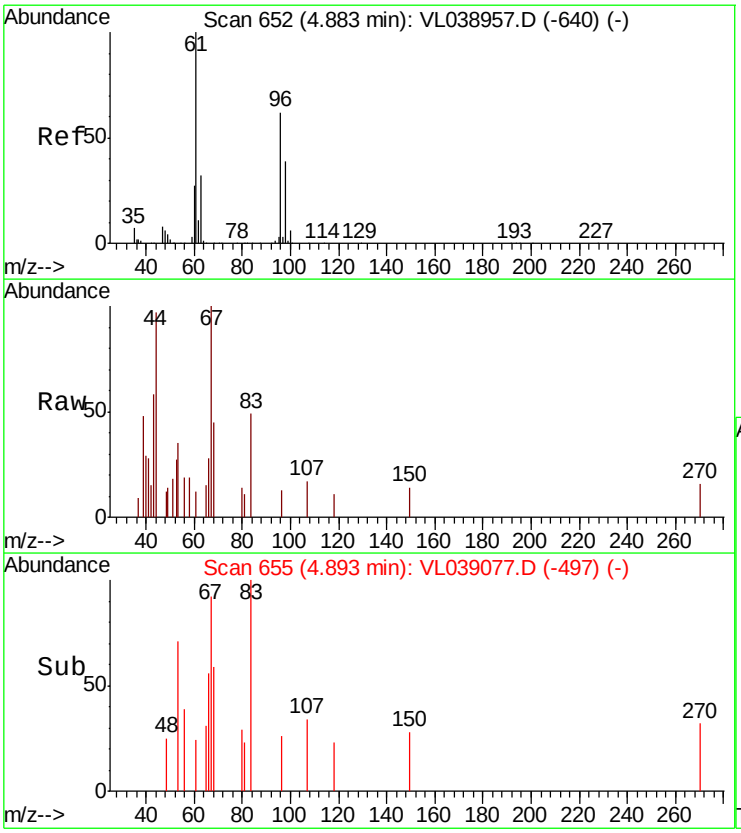
#21
Allyl Chloride
Concen: 0.041 ppbv
RT: 4.42
Delta R.T
Lab File:
Acq: 17 May 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4

Tgt Ion: 41 Resp: 2275

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

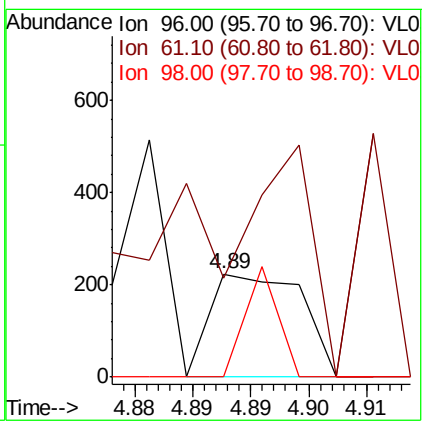


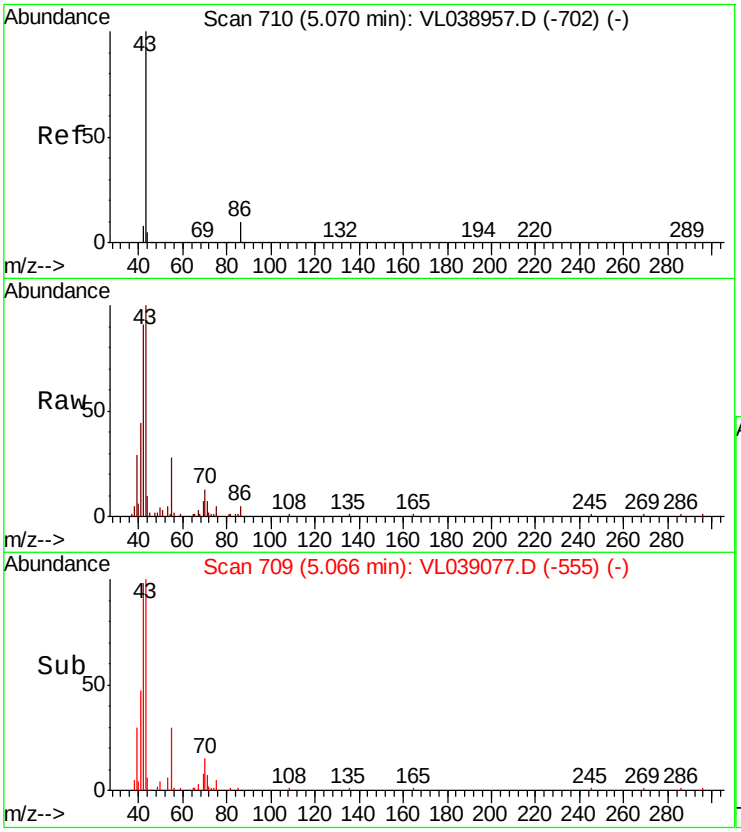


#22
trans-1,2-Dichloroethene
Concen: 0.003 ppbv
RT: 4.89 min Scan# 655
Delta R.T. 0.01 min
Lab File: VL039077.D
Acq: 17 May 2022 20:19

Tgt Ion: 96 Resp: 122

Ion	Ratio	Lower	Upper
96	100		
61	95.5	128.2	192.2#
98	0.0	50.1	75.1#



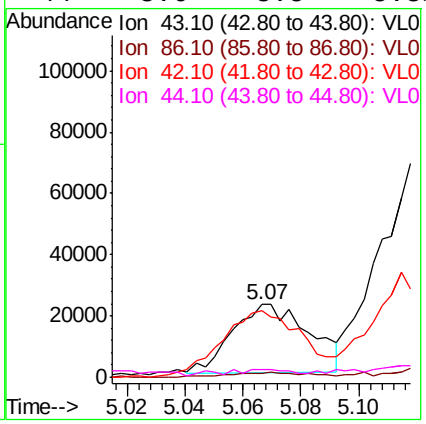


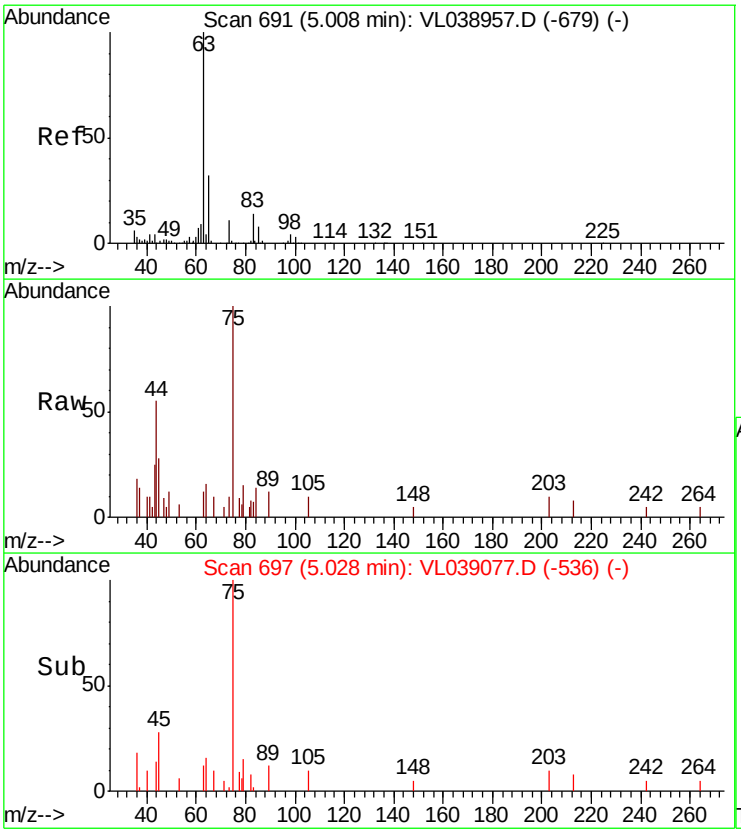
#23
Vinyl Acetate
Concen: 0.640 ppbv
RT: 5.07
Delta R.T
Lab File:
Acq: 17 May 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4

Tgt Ion: 43 Resp: 41174

Ion	Ratio	Lower	Upper
43	100		
86	4.5	6.6	9.8#
42	86.0	8.1	12.1#
44	8.6	3.5	5.3#

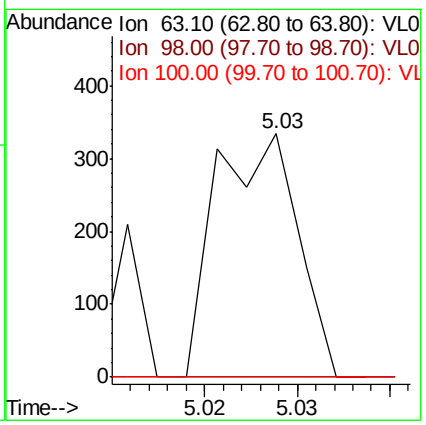


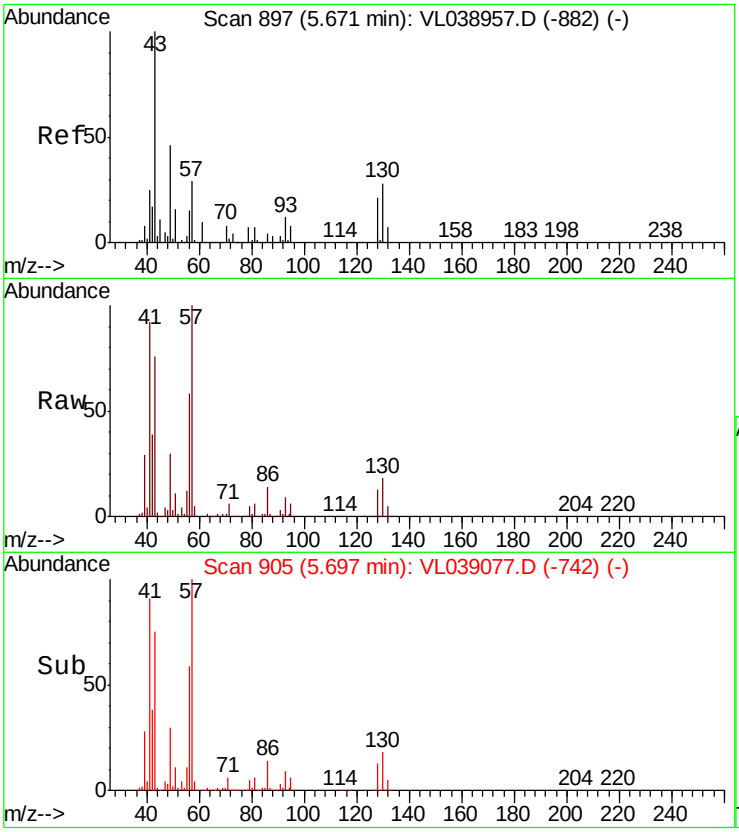


#24
1,1-Dichloroethane
Concen: 0.003 ppbv
RT: 5.03 min Scan# 697
Delta R.T. 0.02 min
Lab File: VL039077.D
Acq: 17 May 2022 20:19

Tgt Ion: 63 Resp: 204

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



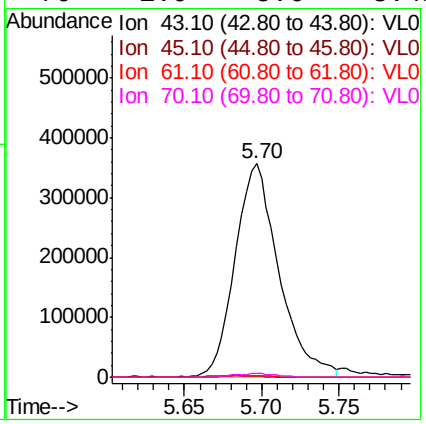


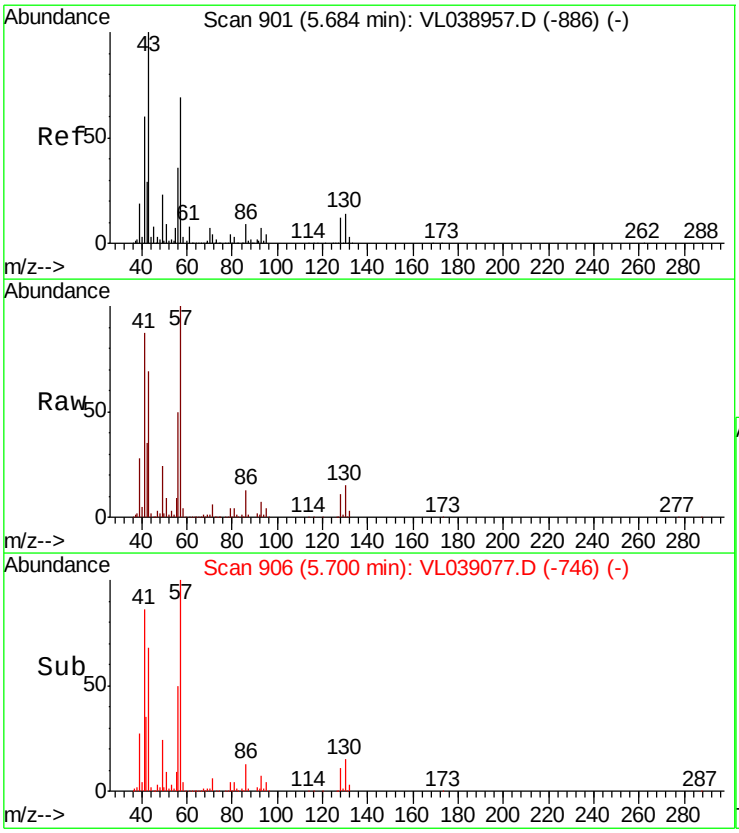
#25
Ethyl Acetate
Concen: 3.597 ppbv
RT: 5.70
Delta R.T
Lab File:
Acq: 17 May 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4

Tgt Ion: 43 Resp: 699966

Ion	Ratio	Lower	Upper
43	100		
45	1.3	8.1	12.1#
61	0.7	7.8	11.6#
70	1.9	5.6	8.4#

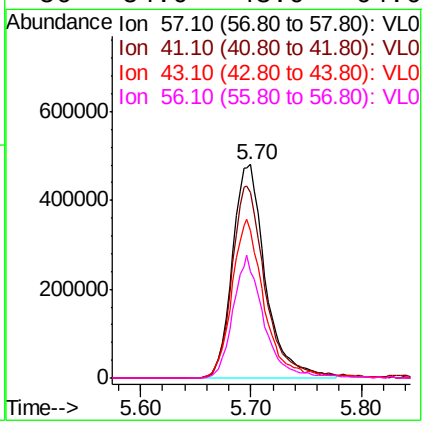


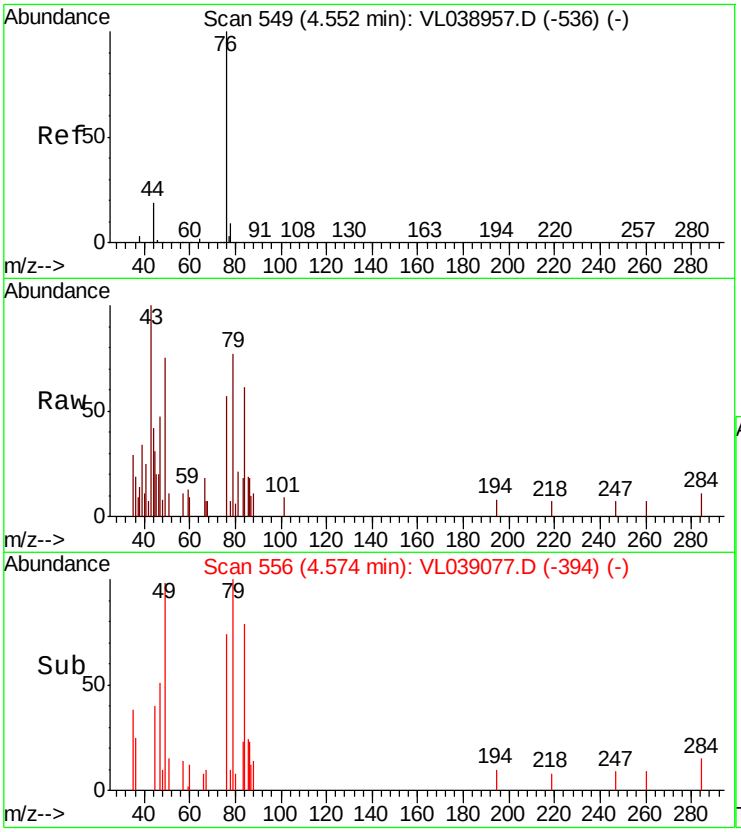


#26
Hexane
Concen: 11.545 ppbv
RT: 5.70 min Scan# 906
Delta R.T. 0.02 min
Lab File: VL039077.D
Acq: 17 May 2022 20:19

Tgt Ion: 57 Resp: 998194

Ion	Ratio	Lower	Upper
57	100		
41	91.5	75.2	112.8
43	72.7	190.8	286.2#
56	54.0	43.0	64.6



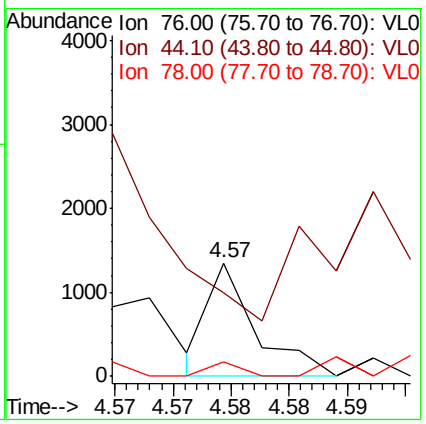


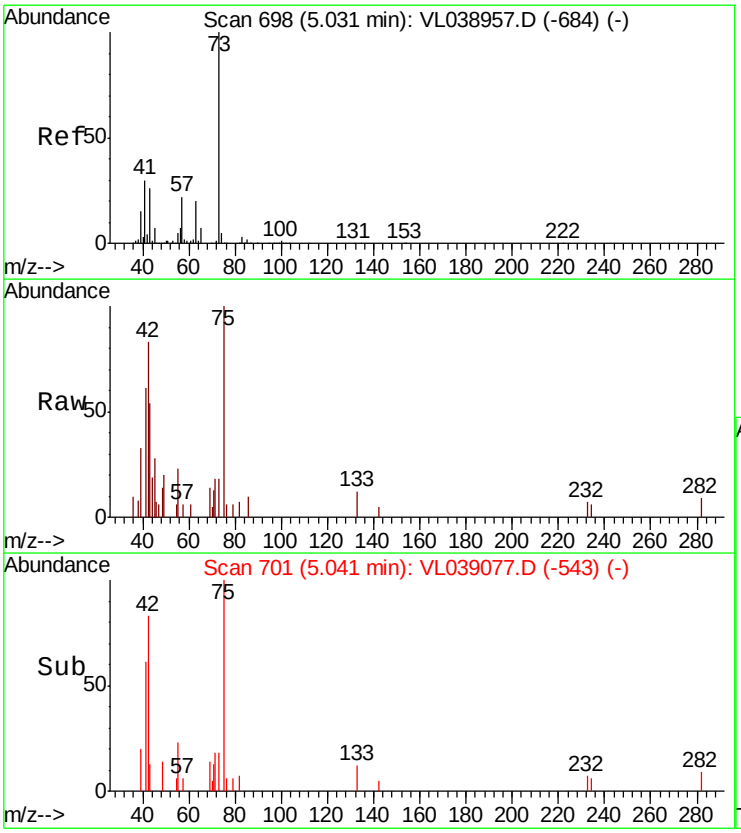
#27
Carbon Disulfide
Concen: 0.005 ppbv
RT: 4.57
Delta R.T
Lab File:
Acq: 17 May 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4

Tgt Ion: 76 Resp: 383

Ion	Ratio	Lower	Upper
76	100		
44	0.0	15.3	22.9#
78	0.0	8.2	12.2#

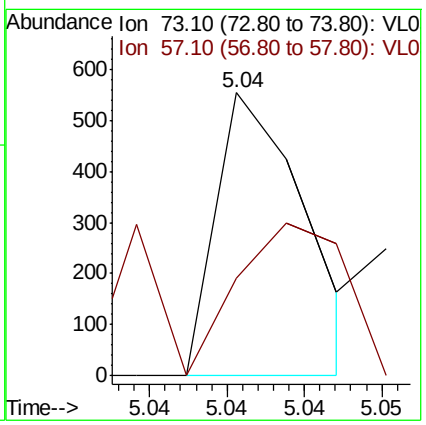


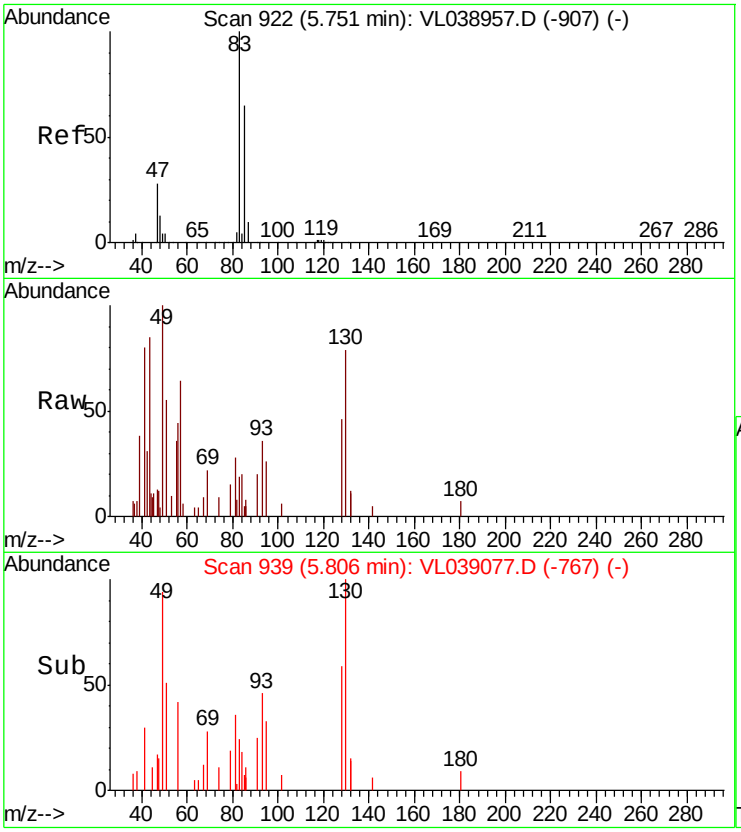


#28
Methyl tert-Butyl Ether
Concen: 0.003 ppbv
RT: 5.04 min Scan# 701
Delta R.T. 0.01 min
Lab File: VL039077.D
Acq: 17 May 2022 20:19

Tgt Ion: 73 Resp: 220

Ion	Ratio	Lower	Upper
73	100		
57	0.0	18.8	28.2#



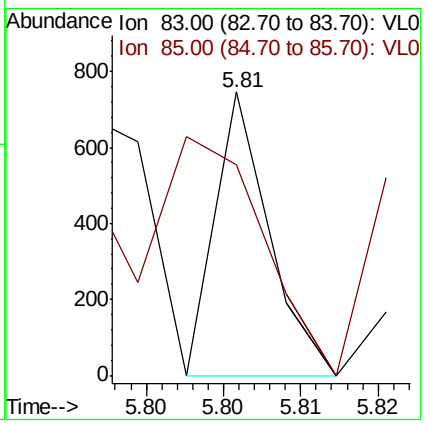


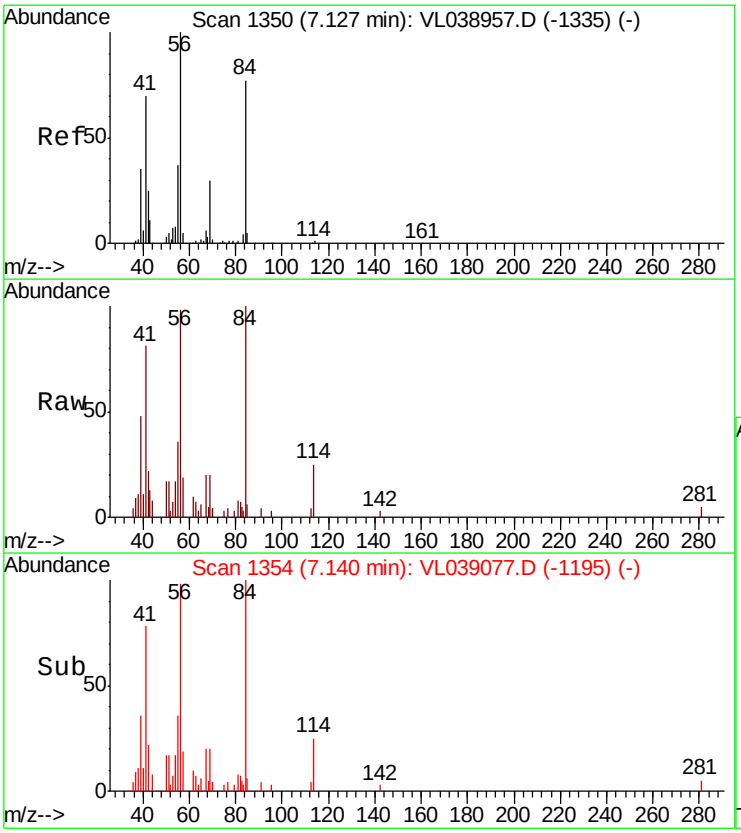
#29
Chloroform
Concen: 0.001 ppbv
RT: 5.81
Delta R.T
Lab File:
Acq: 17 May 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4

Tgt Ion: 83 Resp: 181

Ion	Ratio	Lower	Upper
83	100		
85	74.1	51.8	77.6

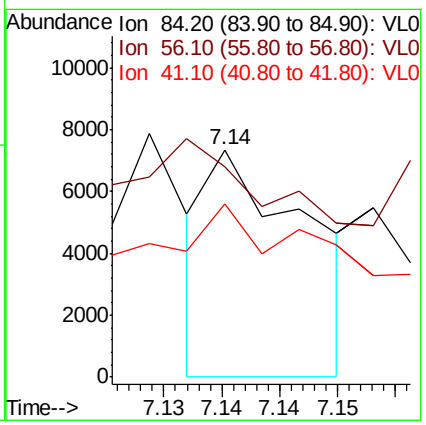


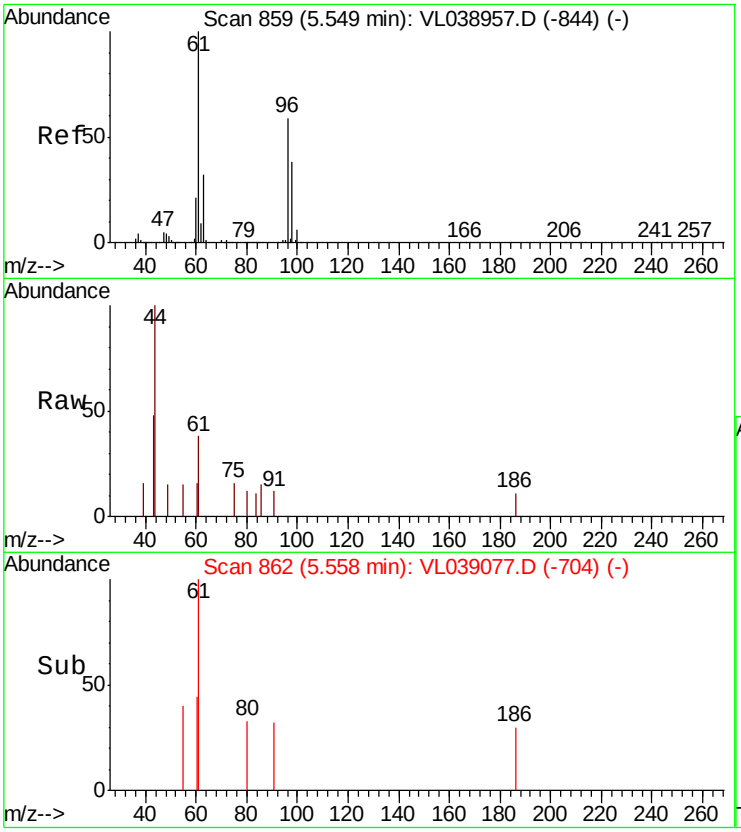


#30
Cyclohexane
Concen: 0.060 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. 0.01 min
Lab File: VL039077.D
Acq: 17 May 2022 20:19

Tgt Ion: 84 Resp: 4365

Ion	Ratio	Lower	Upper
84	100		
56	0.0	115.3	172.9#
41	269.4	72.0	108.0#



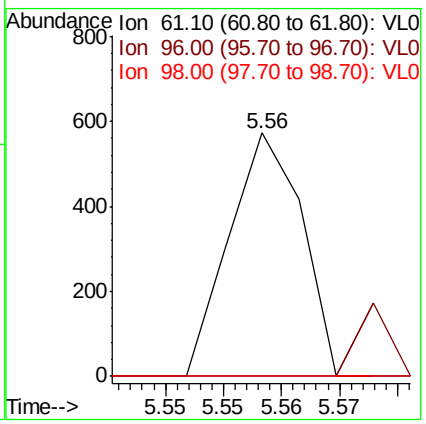


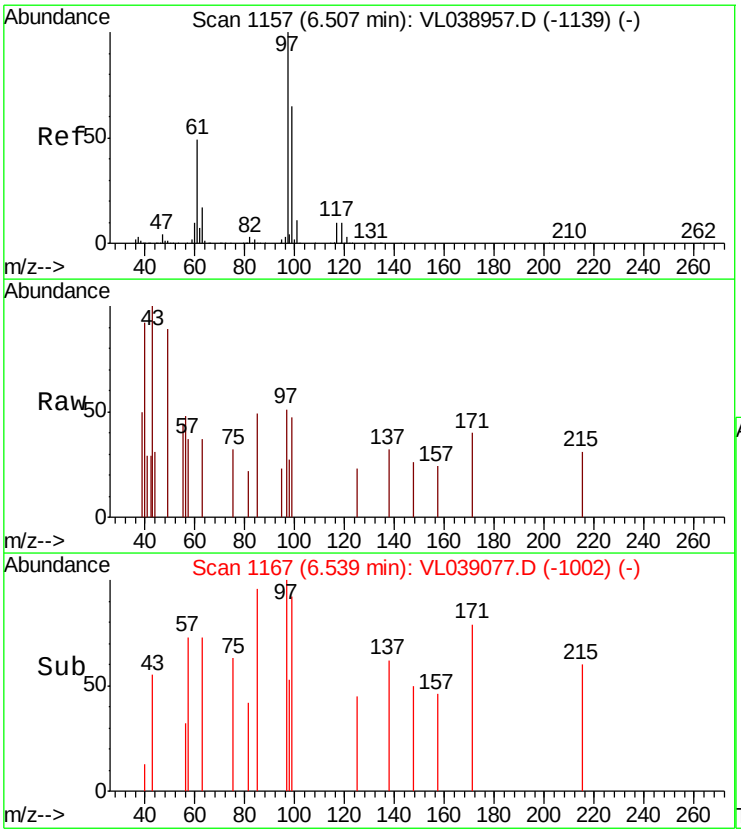
#31
cis-1,2-Dichloroethene
Concen: 0.003 ppbv
RT: 5.56
Delta R.T
Lab File:
Acq: 17 May 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4

Tgt Ion: 61 Resp: 249

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

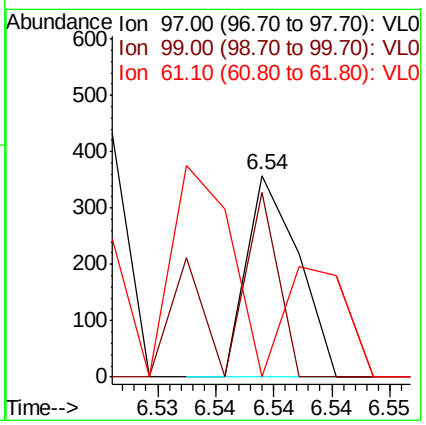


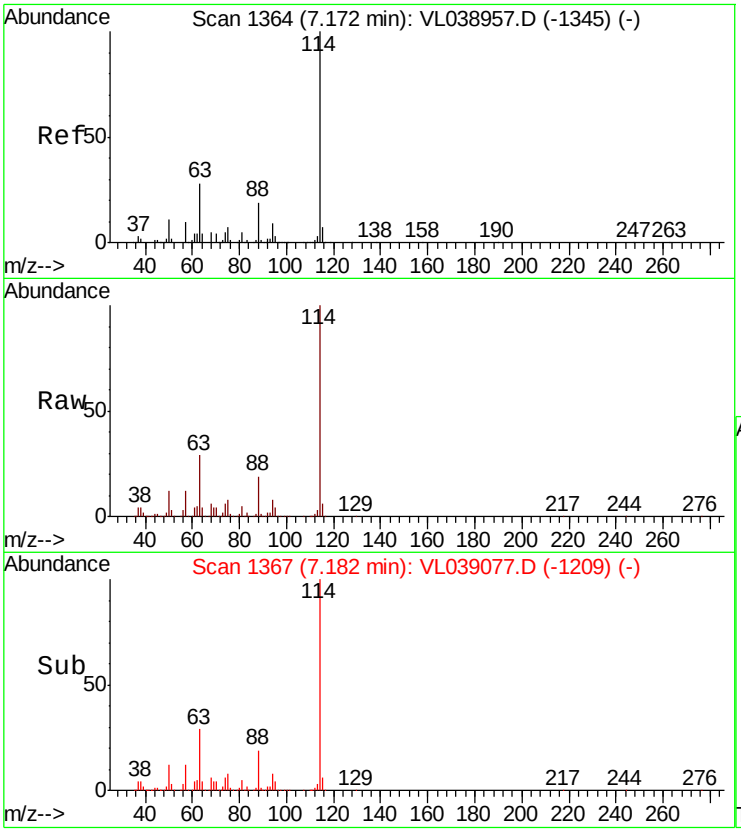


#32
1,1,1-Trichloroethane
Concen: 0.001 ppbv
RT: 6.54 min Scan# 1167
Delta R.T. 0.03 min
Lab File: VL039077.D
Acq: 17 May 2022 20:19

Tgt Ion: 97 Resp: 111

Ion	Ratio	Lower	Upper
97	100		
99	124.3	51.9	77.9#
61	255.9	40.9	61.3#



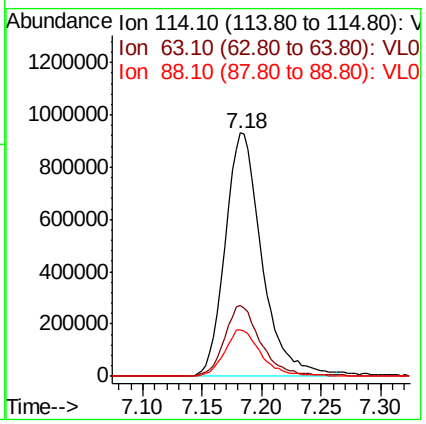


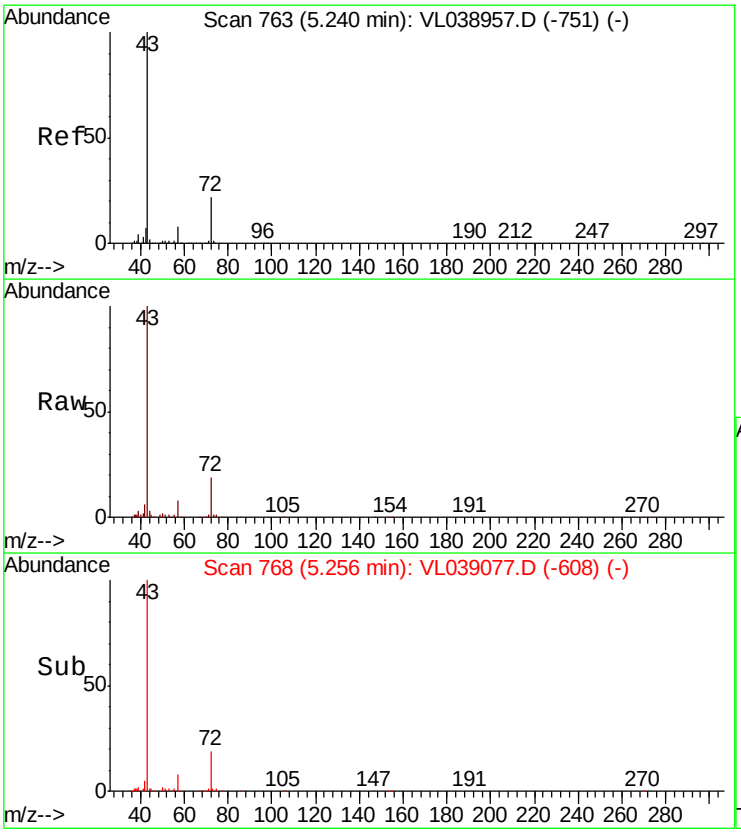
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18
Delta R.T
Lab File:
Acq: 17 May 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4

Tgt Ion:114 Resp: 1990030

Ion	Ratio	Lower	Upper
114	100		
63	29.2	22.6	33.8
88	19.1	15.4	23.0

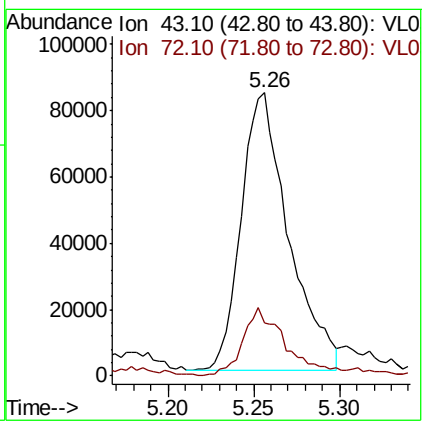


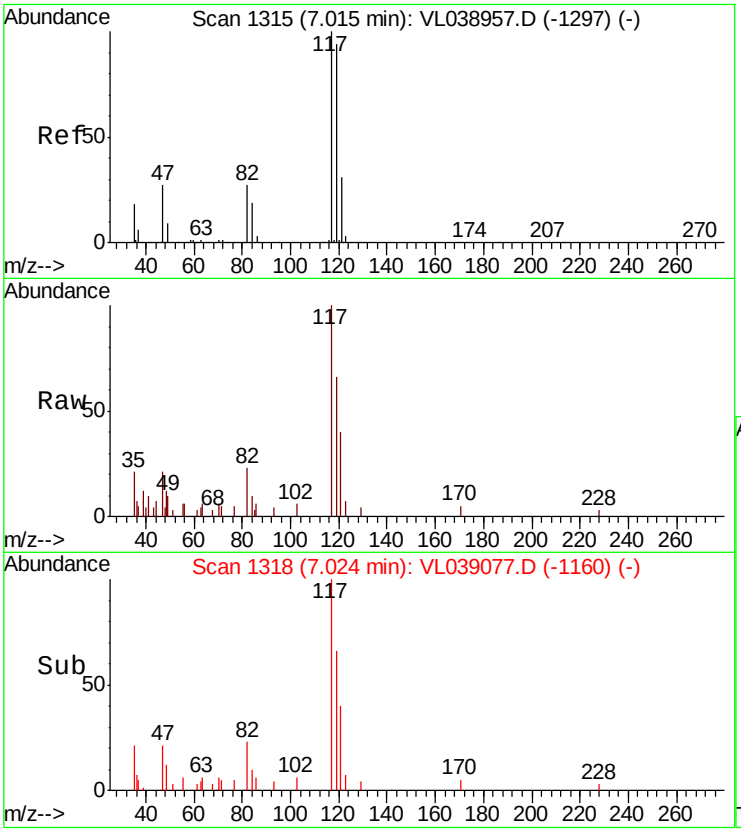


#34
2-Butanone
Concen: 1.575 ppbv
RT: 5.26 min Scan# 768
Delta R.T. 0.02 min
Lab File: VL039077.D
Acq: 17 May 2022 20:19

Tgt Ion: 43 Resp: 159942

Ion	Ratio	Lower	Upper
43	100		
72	24.4	17.8	26.6



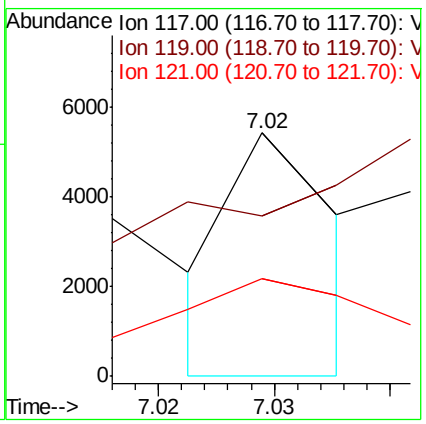


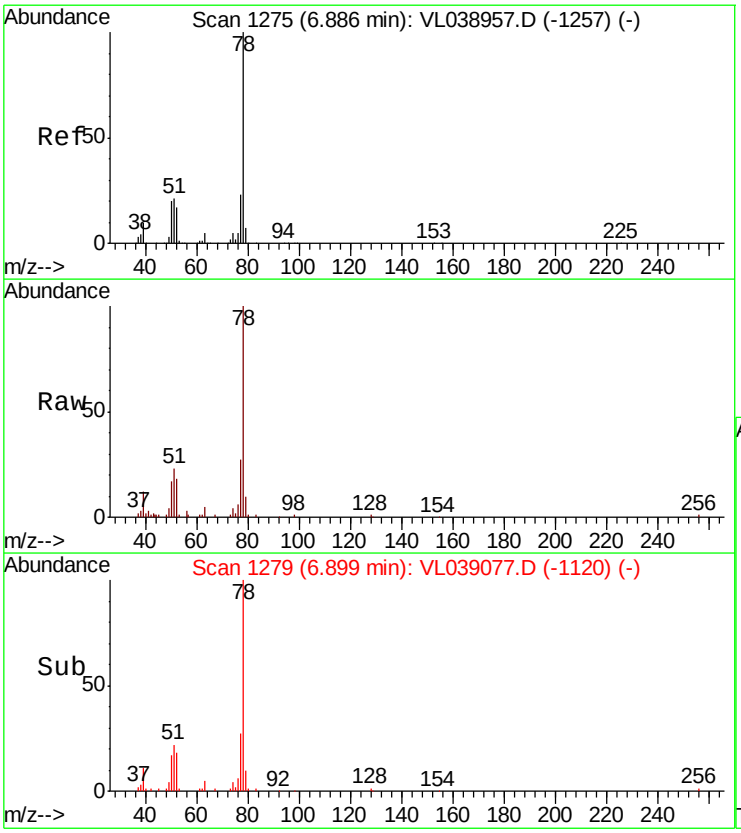
#35
Carbon Tetrachloride
Concen: 0.013 ppbv
RT: 7.02
Delta R.T
Lab File:
Acq: 17 May 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4

Tgt Ion:117 Resp: 1741

Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.2	112.8#
121	21.6	24.6	37.0#

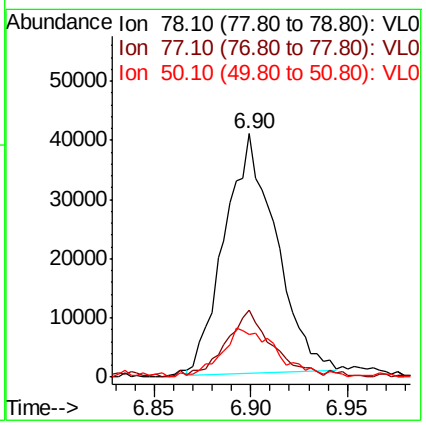


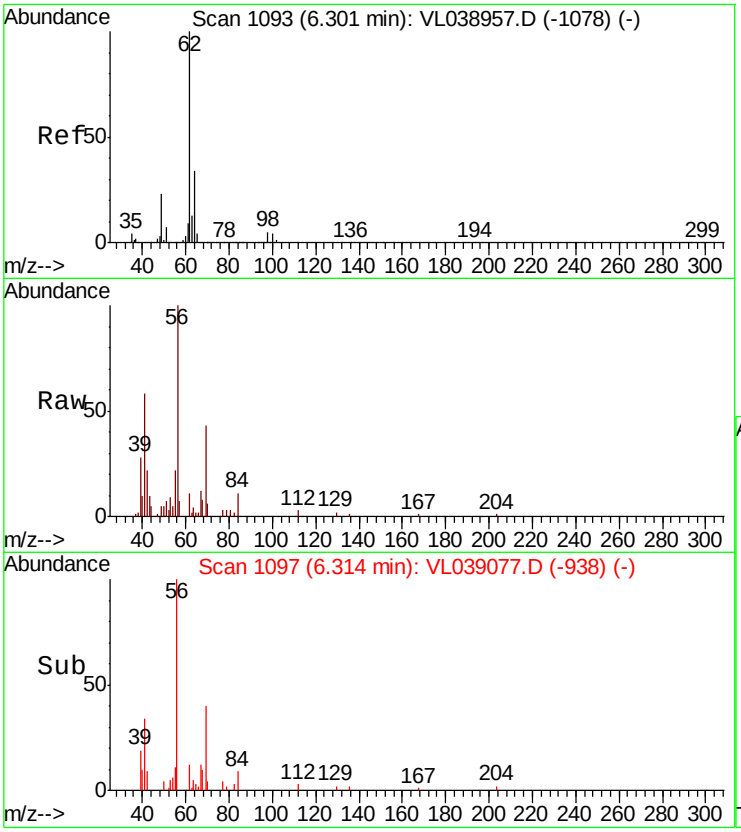


#36
Benzene
Concen: 0.442 ppbv
RT: 6.90 min Scan# 1279
Delta R.T. 0.01 min
Lab File: VL039077.D
Acq: 17 May 2022 20:19

Tgt Ion: 78 Resp: 75206

Ion	Ratio	Lower	Upper
78	100		
77	27.6	18.6	28.0
50	16.5	15.6	23.4



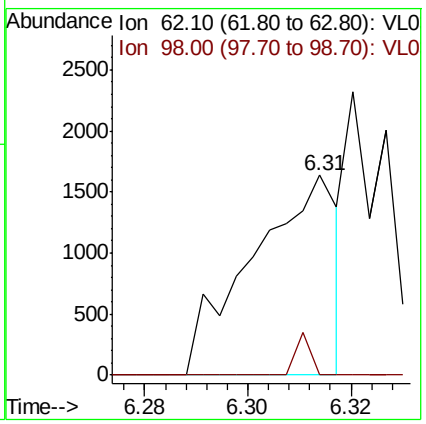


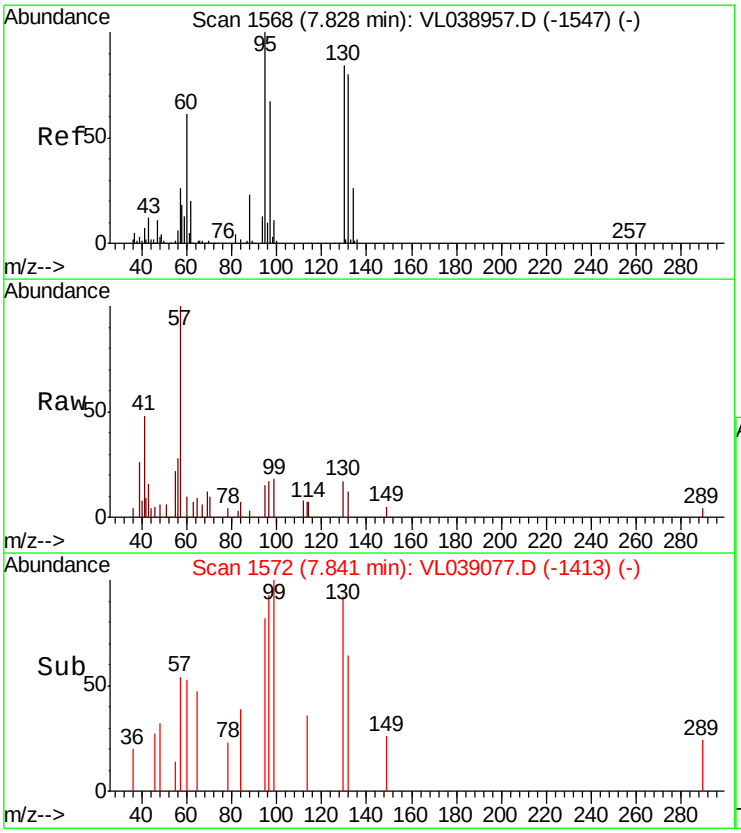
#37
1,2-Dichloroethane
Concen: 0.018 ppbv
RT: 6.31
Delta R.T
Lab File:
Acq: 17 May 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4

Tgt Ion: 62 Resp: 1877

Ion	Ratio	Lower	Upper
62	100		
98	3.6	4.5	6.7#

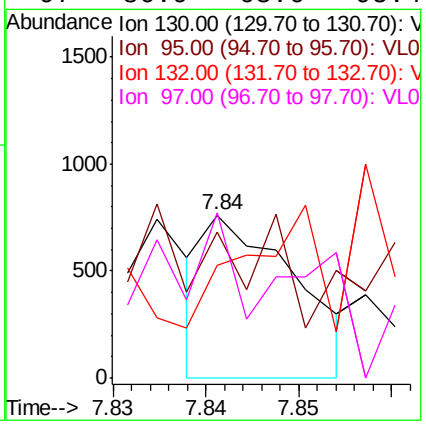


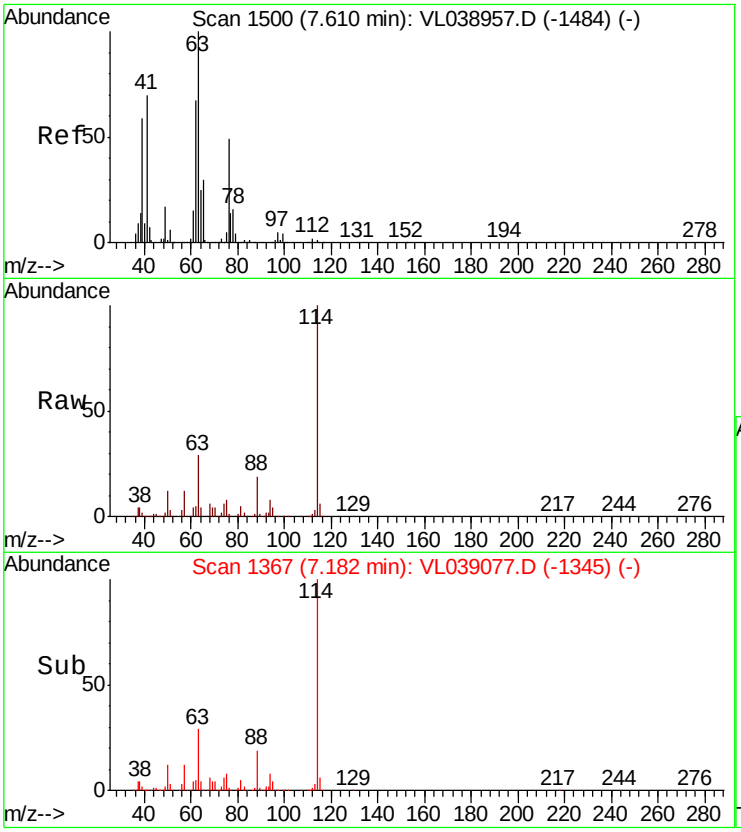


#38
Trichloroethene
Concen: 0.007 ppbv
RT: 7.84 min Scan# 1572
Delta R.T. 0.01 min
Lab File: VL039077.D
Acq: 17 May 2022 20:19

Tgt Ion:130 Resp: 518

Ion	Ratio	Lower	Upper
130	100		
95	61.2	94.8	142.2#
132	67.7	75.8	113.8#
97	86.9	63.6	95.4



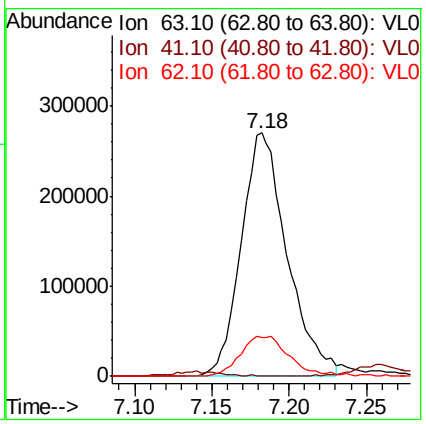


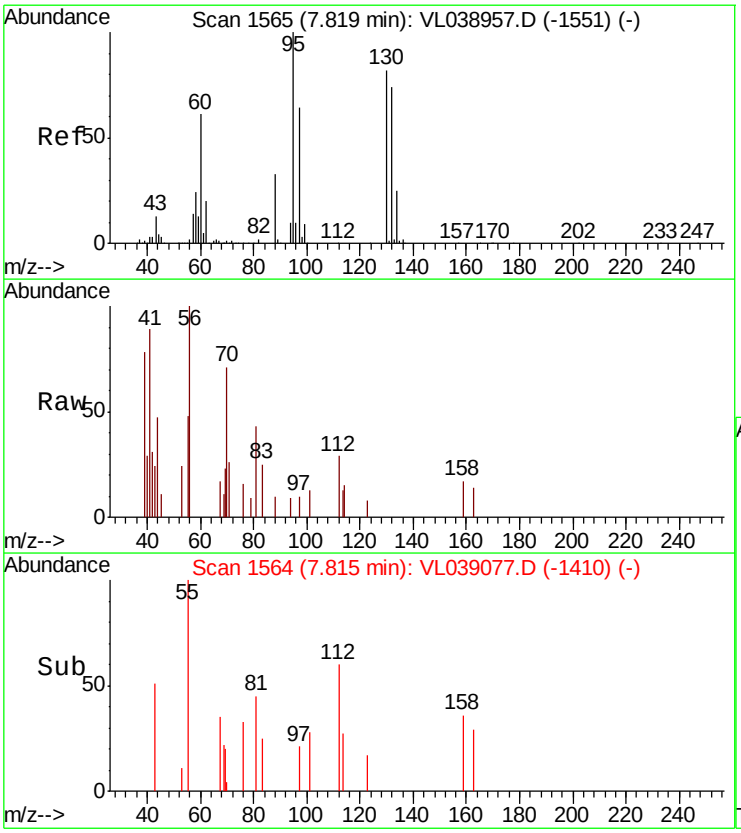
#39
1,2-Dichloropropane
Concen: 8.425 ppbv
RT: 7.18
Delta R.T
Lab File:
Acq: 17 May 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4

Tgt Ion: 63 Resp: 558282

Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.9	83.9#
62	15.7	53.8	80.6#

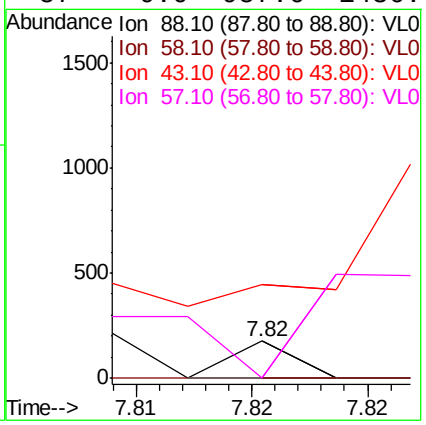


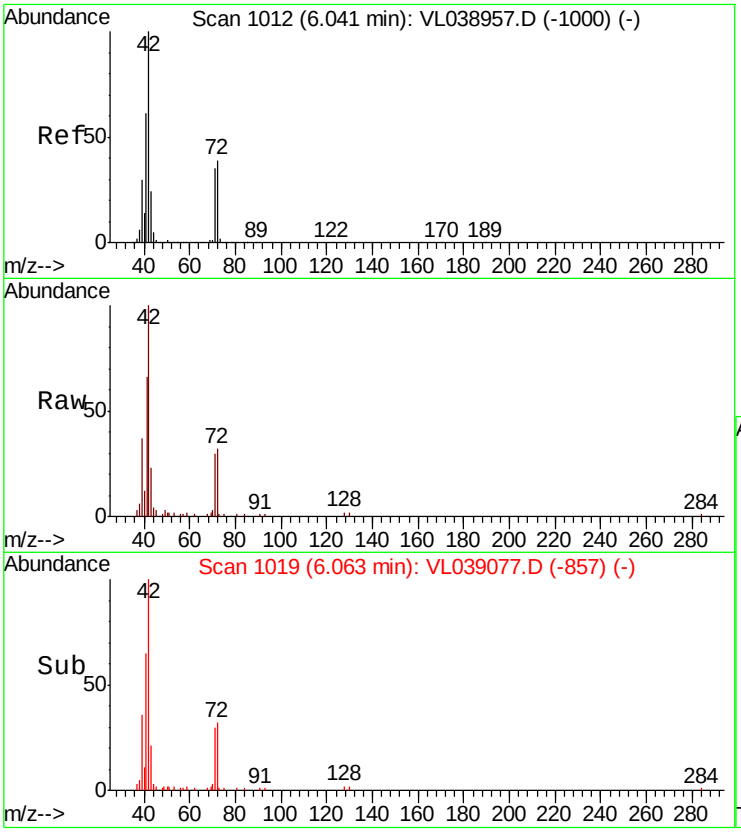


#40
1,4-Dioxane
Concen: 0.001 ppbv
RT: 7.82 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VL039077.D
Acq: 17 May 2022 20:19

Tgt Ion: 88 Resp: 34

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#



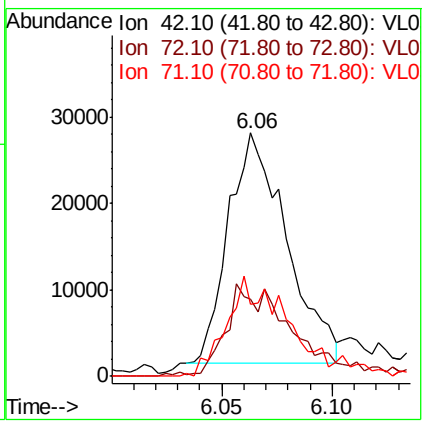


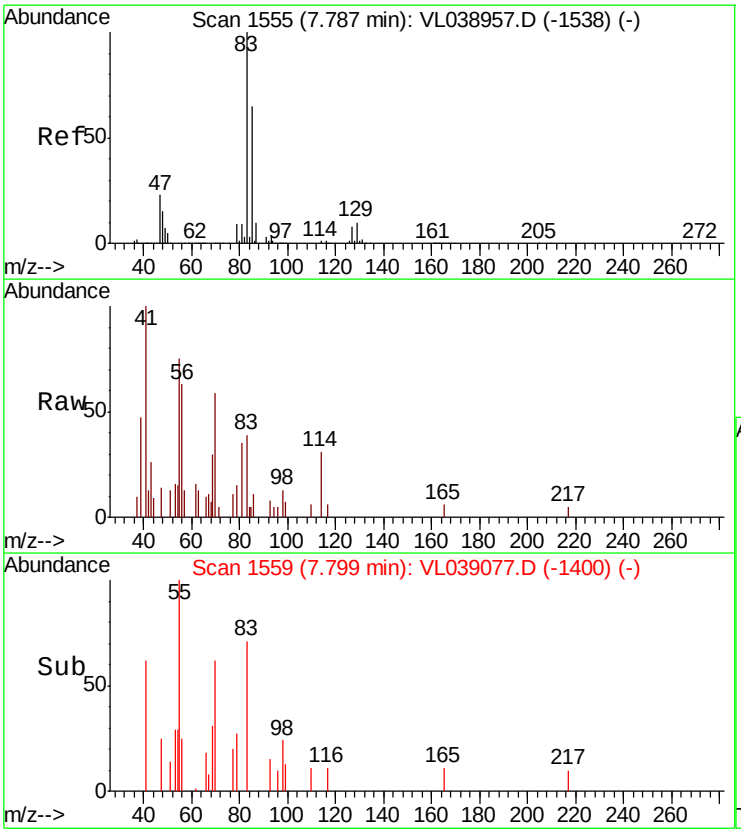
#41
Tetrahydrofuran
Concen: 0.715 ppbv
RT: 6.06
Delta R.T
Lab File:
Acq: 17 May 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4

Tgt Ion: 42 Resp: 48758

Ion	Ratio	Lower	Upper
42	100		
72	48.0	31.8	47.6#
71	47.1	30.6	45.8#

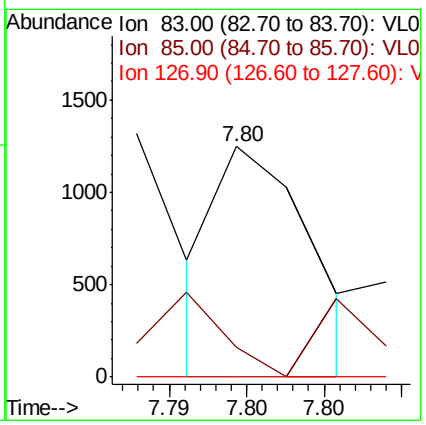


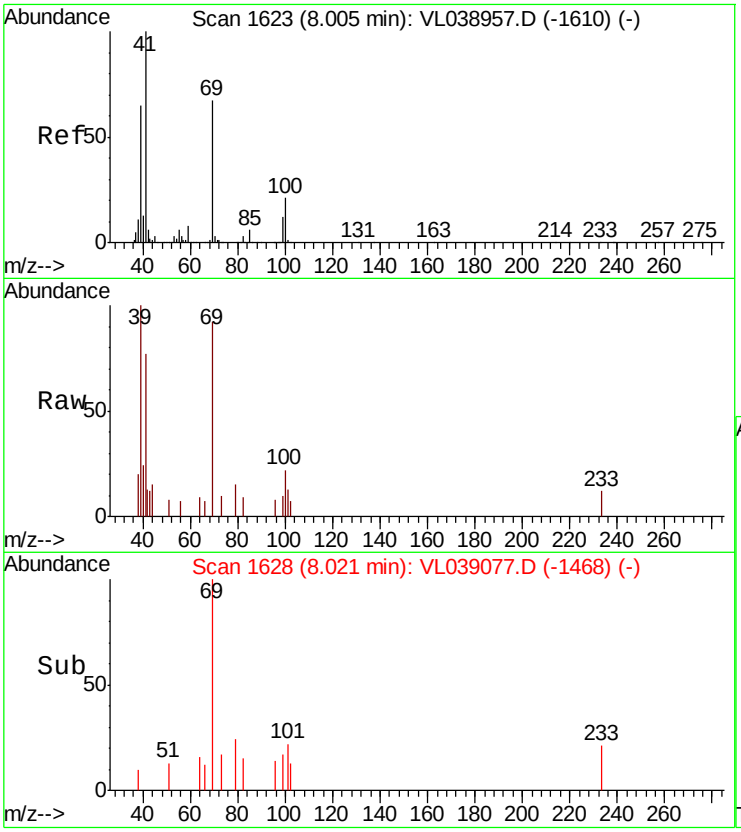


#42
Bromodichloromethane
Concen: 0.004 ppbv
RT: 7.80 min Scan# 1559
Delta R.T. 0.01 min
Lab File: VL039077.D
Acq: 17 May 2022 20:19

Tgt Ion: 83 Resp: 525

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



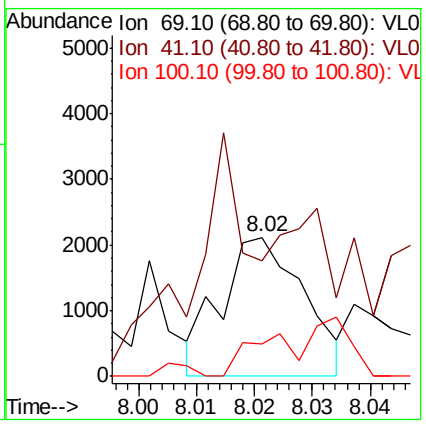


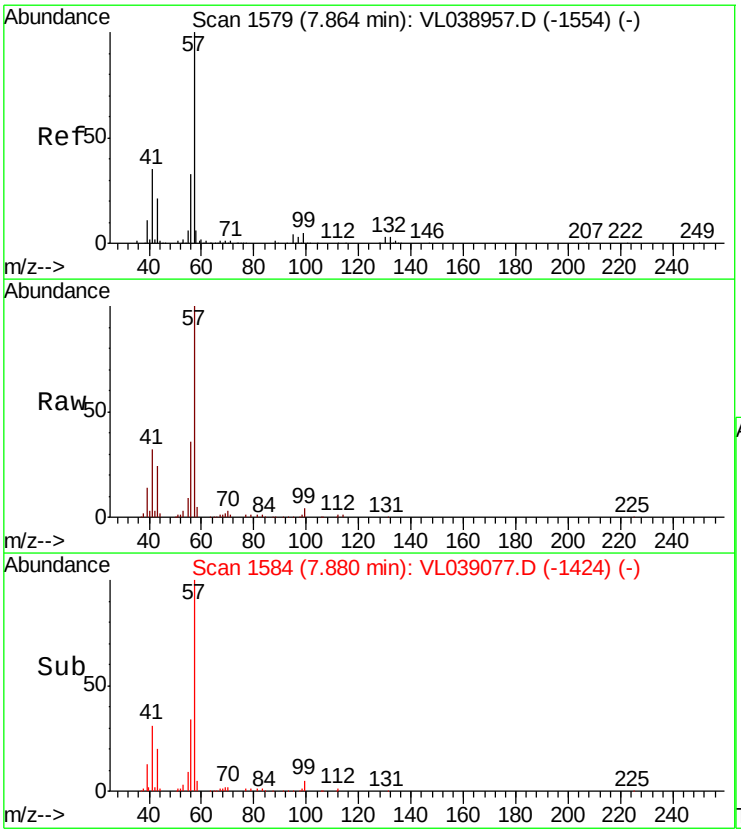
#43
Methyl Methacrylate
Concen: 0.030 ppbv
RT: 8.02
Delta R.T
Lab File:
Acq: 17 May 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4

Tgt Ion: 69 Resp: 2097

Ion	Ratio	Lower	Upper
69	100		
41	408.6	121.9	182.9#
100	0.0	24.6	36.8#

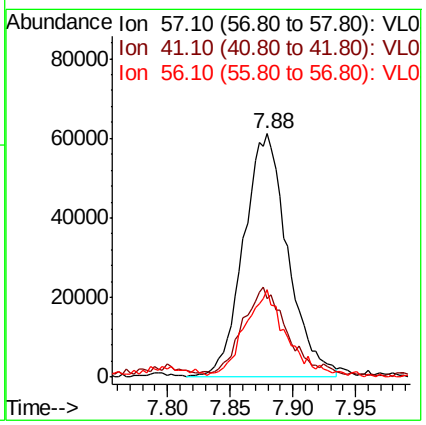


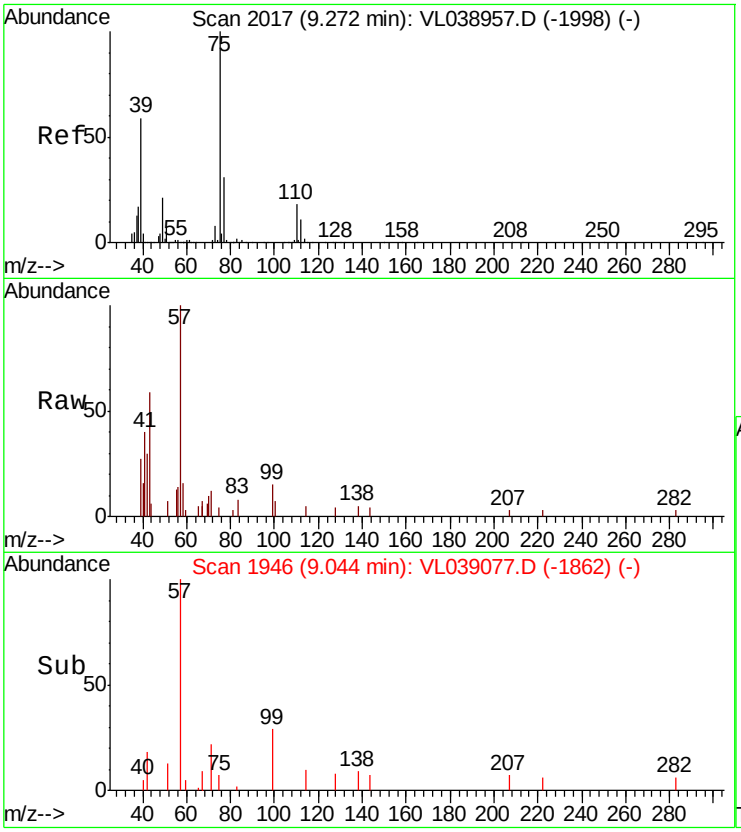


#44
2,2,4-Trimethylpentane
Concen: 0.503 ppbv
RT: 7.88 min Scan# 1584
Delta R.T. 0.02 min
Lab File: VL039077.D
Acq: 17 May 2022 20:19

Tgt Ion: 57 Resp: 150180

Ion	Ratio	Lower	Upper
57	100		
41	38.7	26.3	39.5
56	35.5	24.6	37.0



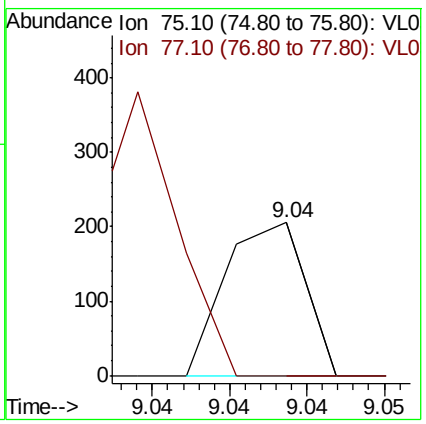


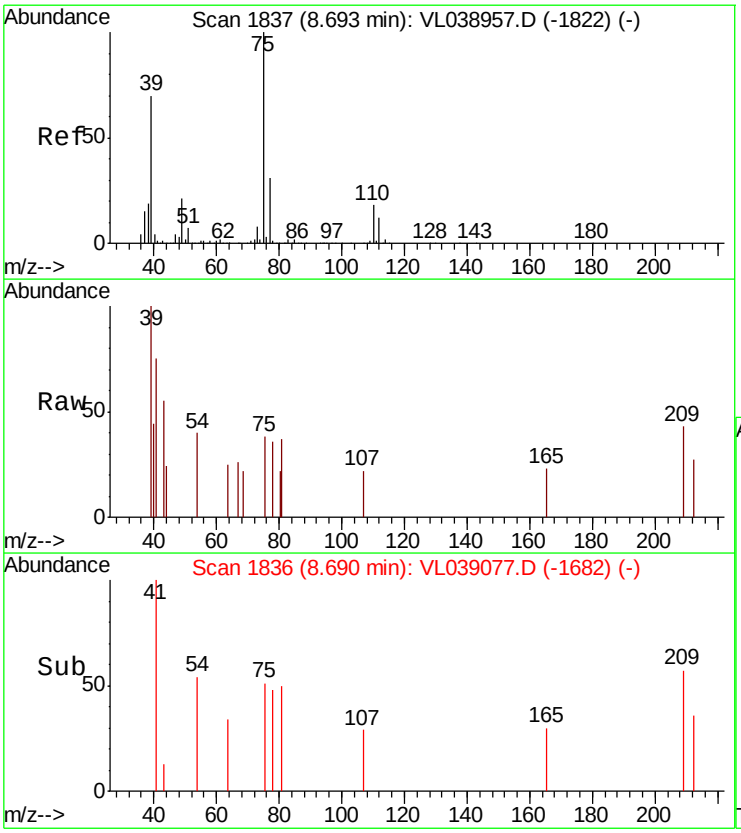
#45
t-1,3-Dichloropropene
Concen: 0.001 ppbv
RT: 9.04
Delta R.T
Lab File:
Acq: 17 May 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4

Tgt Ion: 75 Resp: 74

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.6	37.0#

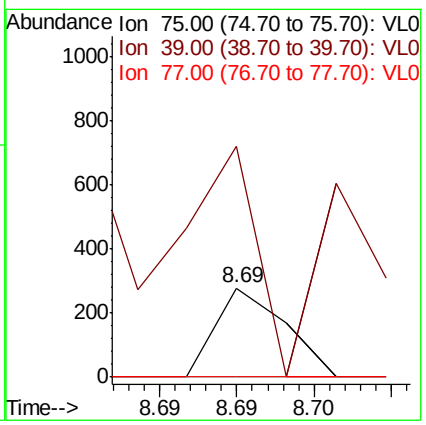


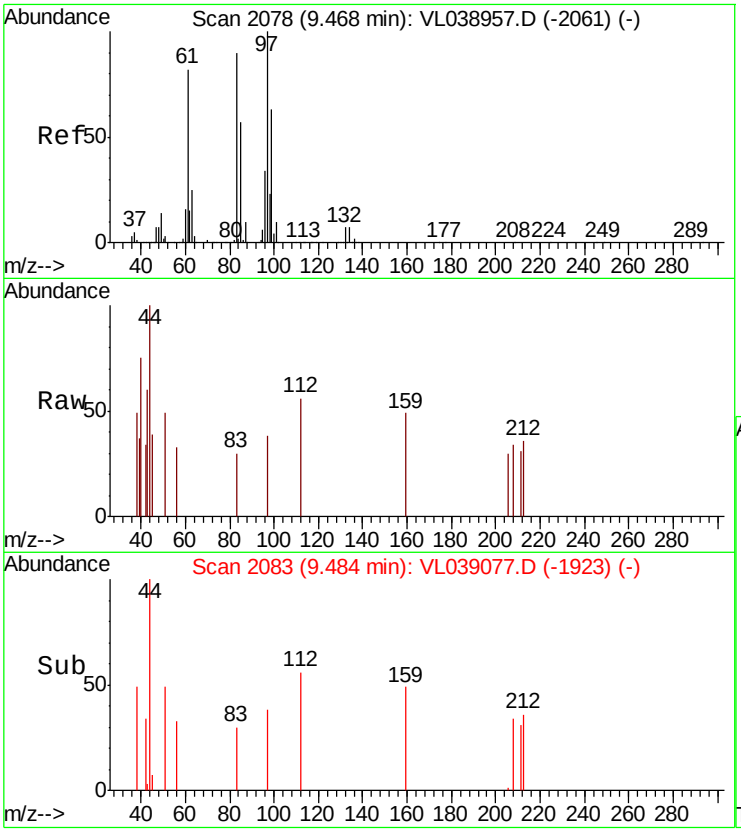


#46
cis-1,3-Dichloropropene
Concen: 0.001 ppbv
RT: 8.69 min Scan# 1836
Delta R.T. -0.00 min
Lab File: VL039077.D
Acq: 17 May 2022 20:19

Tgt Ion: 75 Resp: 86

Ion	Ratio	Lower	Upper
75	100		
39	92.1	55.8	83.6#
77	0.0	24.8	37.2#



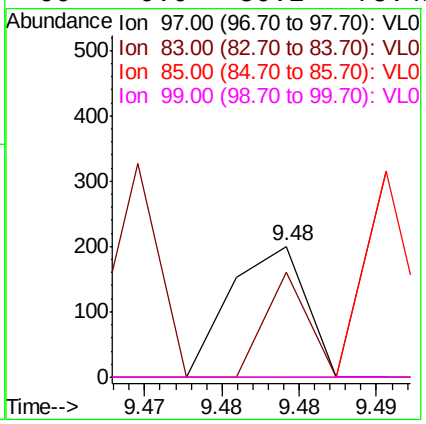


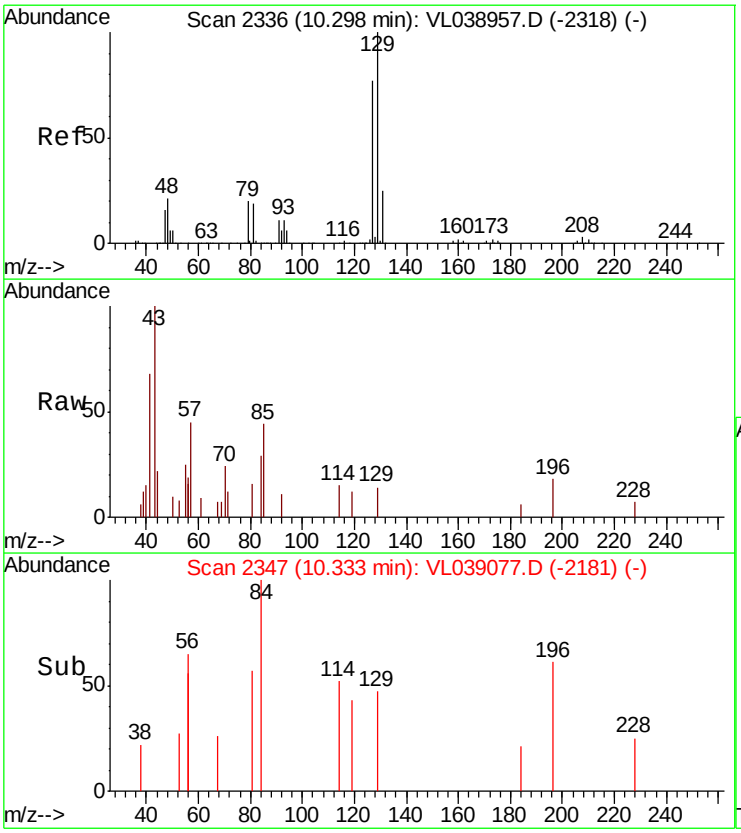
#47
1,1,2-Trichloroethane
Concen: 0.001 ppbv
RT: 9.48
Delta R.T
Lab File:
Acq: 17 May 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4

Tgt Ion: 97 Resp: 68

Ion	Ratio	Lower	Upper
97	100		
83	80.5	72.0	108.0
85	0.0	45.7	68.5#
99	0.0	50.2	75.4#

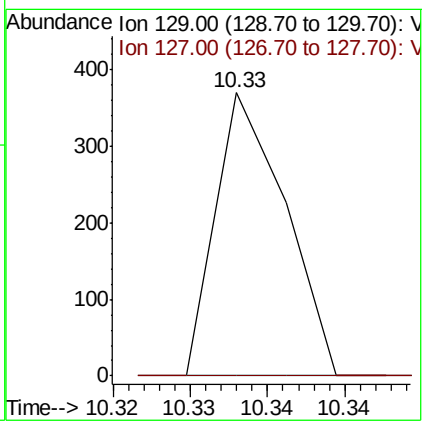


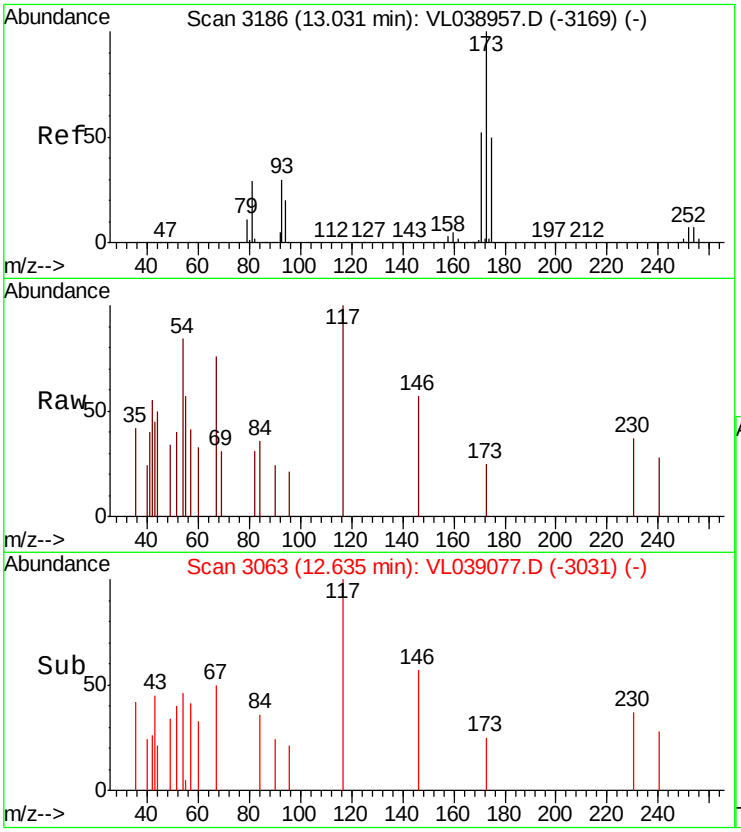


#48
Dibromochloromethane
Concen: 0.001 ppbv
RT: 10.33 min Scan# 2347
Delta R.T. 0.04 min
Lab File: VL039077.D
Acq: 17 May 2022 20:19

Tgt Ion:129 Resp: 115

Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.3	117.9#



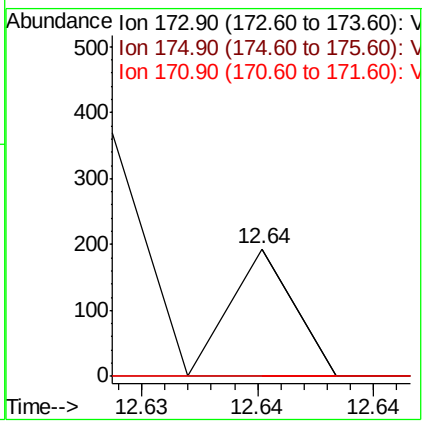


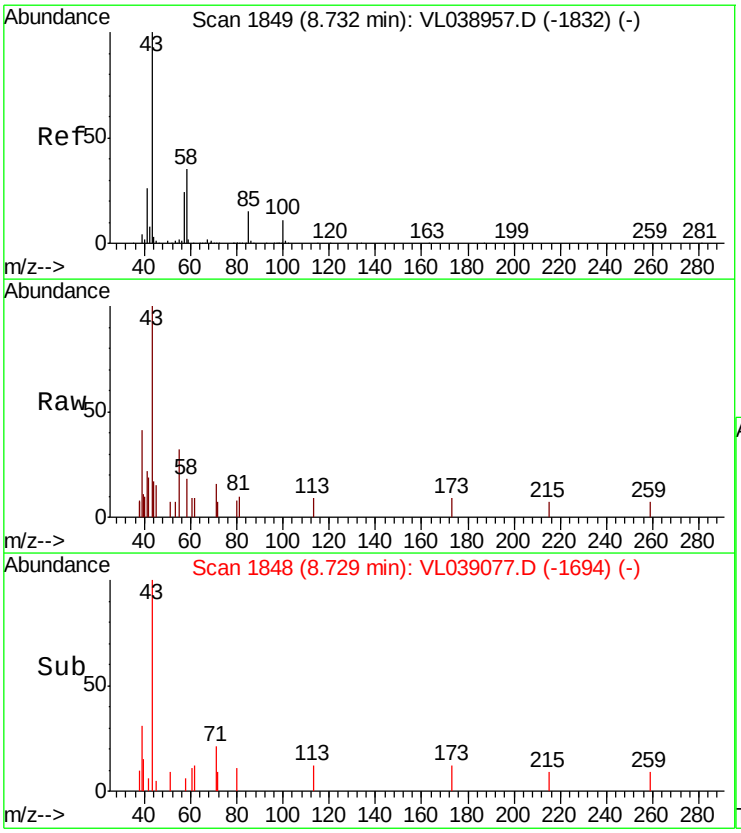
#49
Bromoform
Concen: 0.000 ppbv
RT: 12.64
Delta R.T
Lab File:
Acq: 17 May 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4

Tgt Ion:173 Resp: 37

Ion	Ratio	Lower	Upper
173	100		
175	0.0	41.0	61.6#
171	181.1	42.6	64.0#

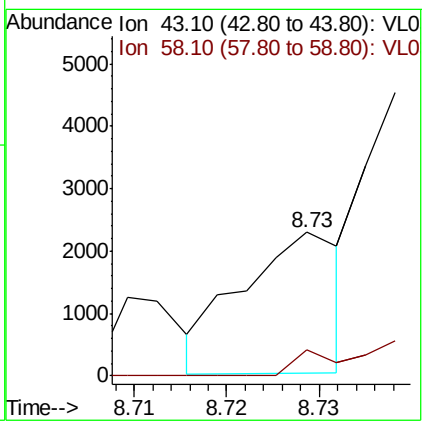


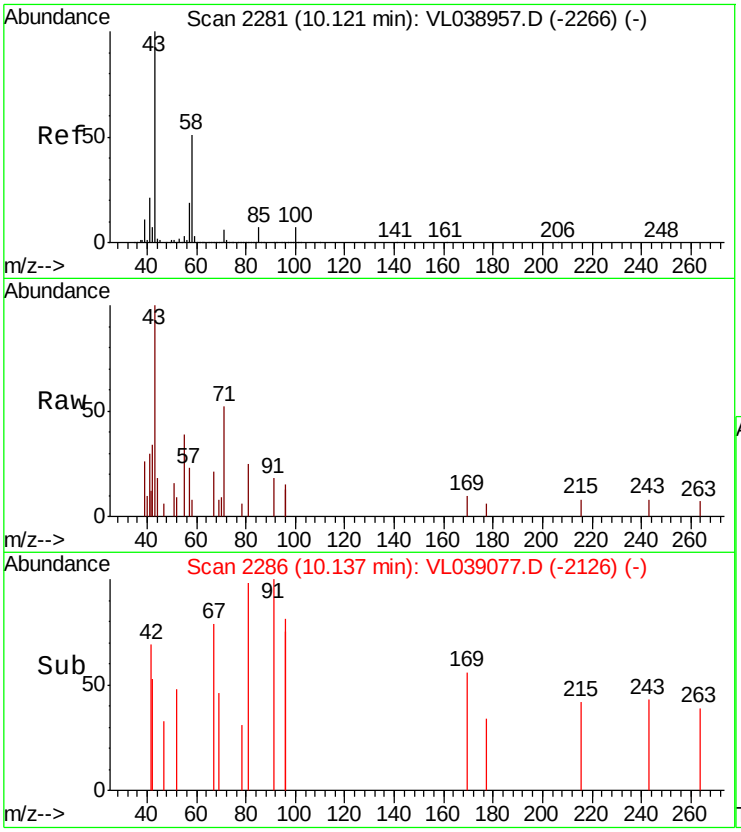


#50
4-Methyl-2-Pentanone
Concen: 0.009 ppbv
RT: 8.73 min Scan# 1848
Delta R.T. -0.00 min
Lab File: VL039077.D
Acq: 17 May 2022 20:19

Tgt Ion: 43 Resp: 1689

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.4	42.6#



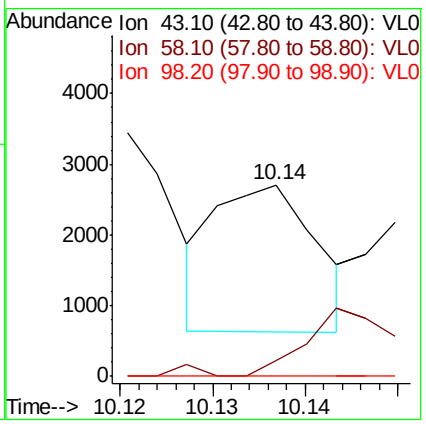


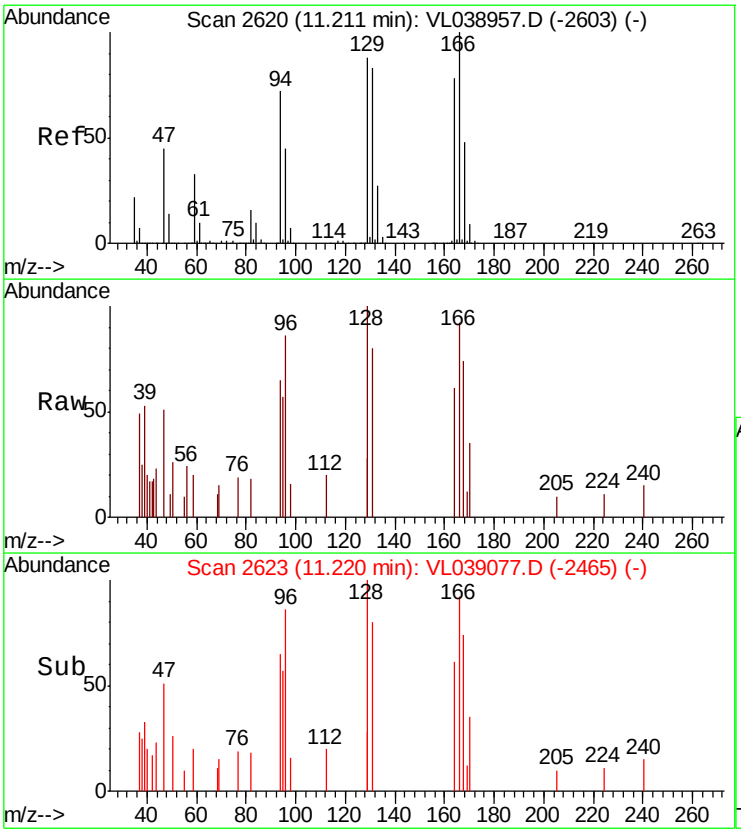
#51
2-Hexanone
Concen: 0.012 ppbv
RT: 10.14
Delta R.T
Lab File:
Acq: 17 May 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4

Tgt Ion: 43 Resp: 1574

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

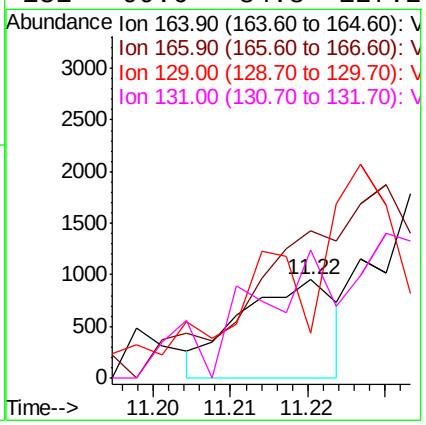


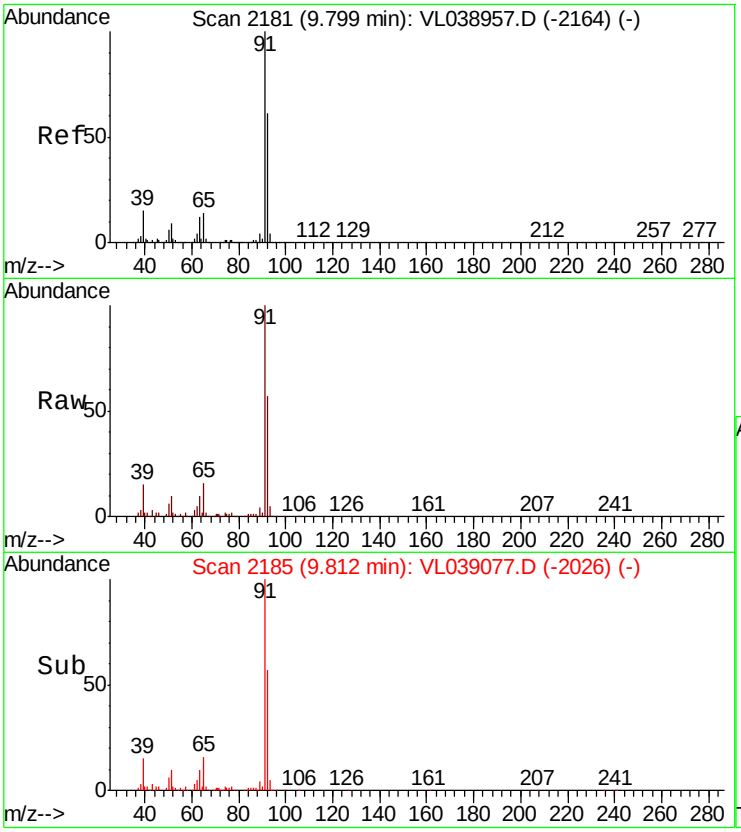


#52
Tetrachloroethene
Concen: 0.013 ppbv
RT: 11.22 min Scan# 2623
Delta R.T. 0.01 min
Lab File: VL039077.D
Acq: 17 May 2022 20:19

Tgt Ion:164 Resp: 810

Ion	Ratio	Lower	Upper
164	100		
166	144.7	102.5	153.7
129	0.0	90.1	135.1#
131	99.6	84.8	127.2



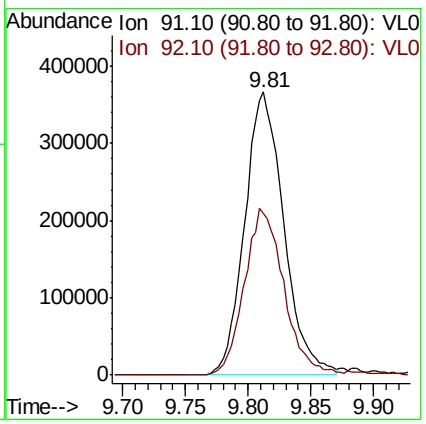


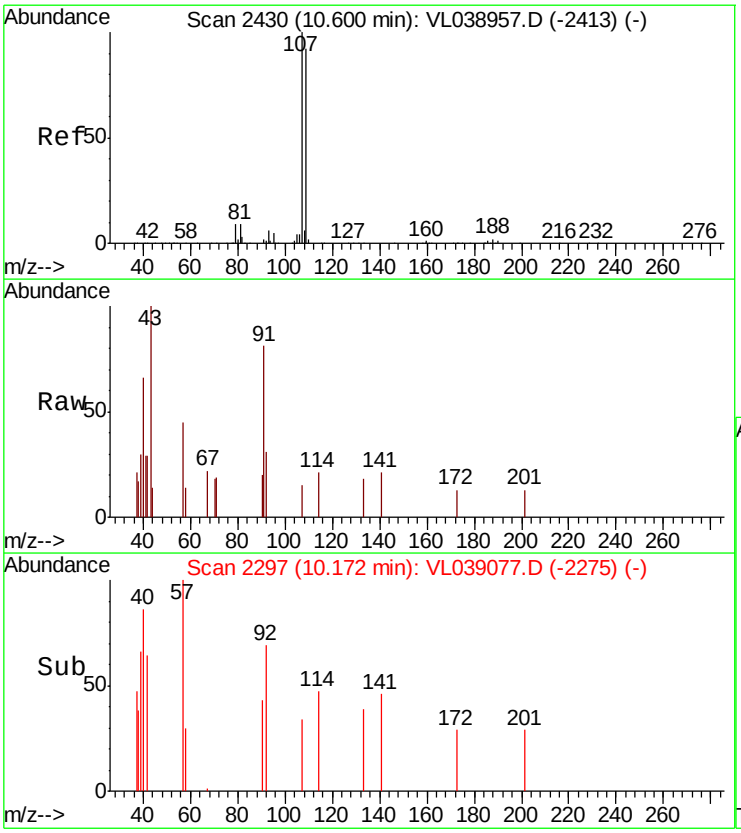
#53
Toluene
Concen: 4.175 ppbv
RT: 9.81
Delta R.T
Lab File:
Acq: 17 May 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4

Tgt Ion: 91 Resp: 796963

Ion	Ratio	Lower	Upper
91	100		
92	60.6	48.2	72.2

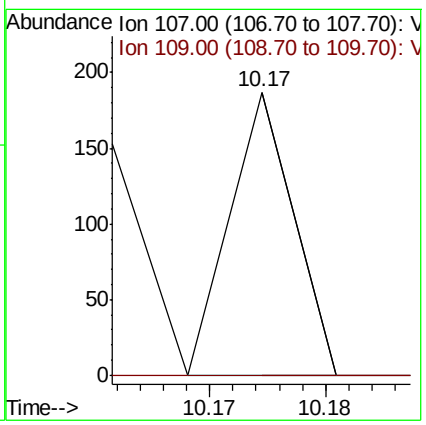


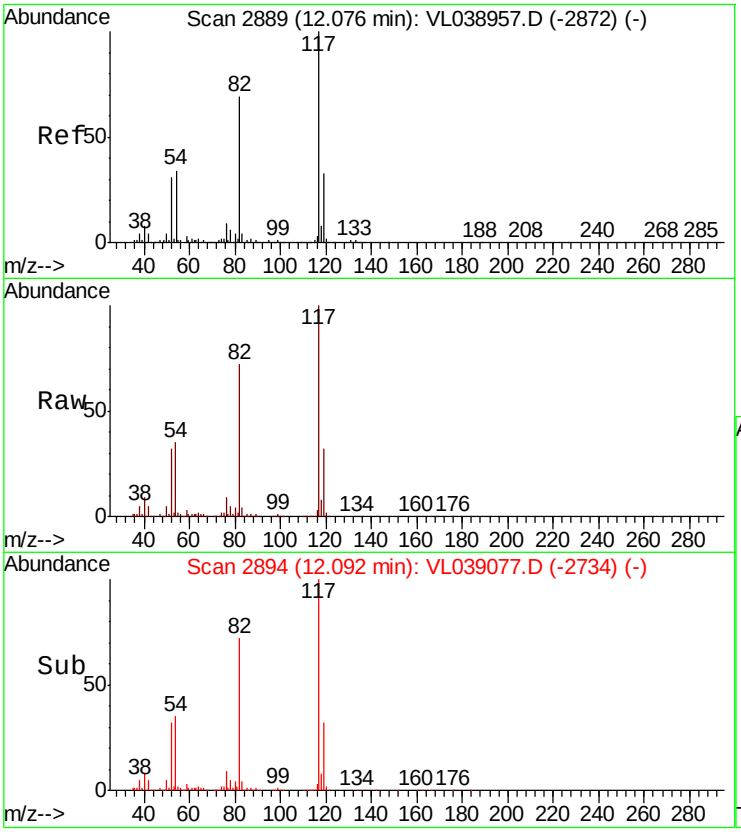


#54
1,2-Dibromoethane
Concen: 0.000 ppbv
RT: 10.17 min Scan# 2297
Delta R.T. -0.43 min
Lab File: VL039077.D
Acq: 17 May 2022 20:19

Tgt Ion:107 Resp: 36

Ion	Ratio	Lower	Upper
107	100		
109	0.0	73.8	110.8#



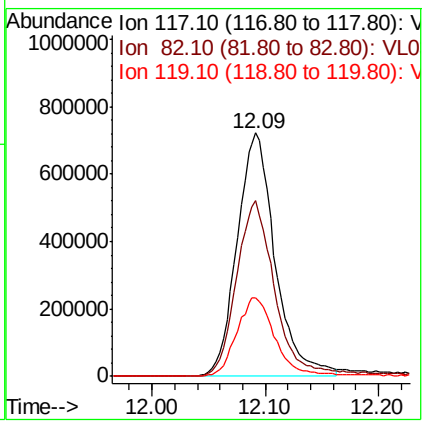


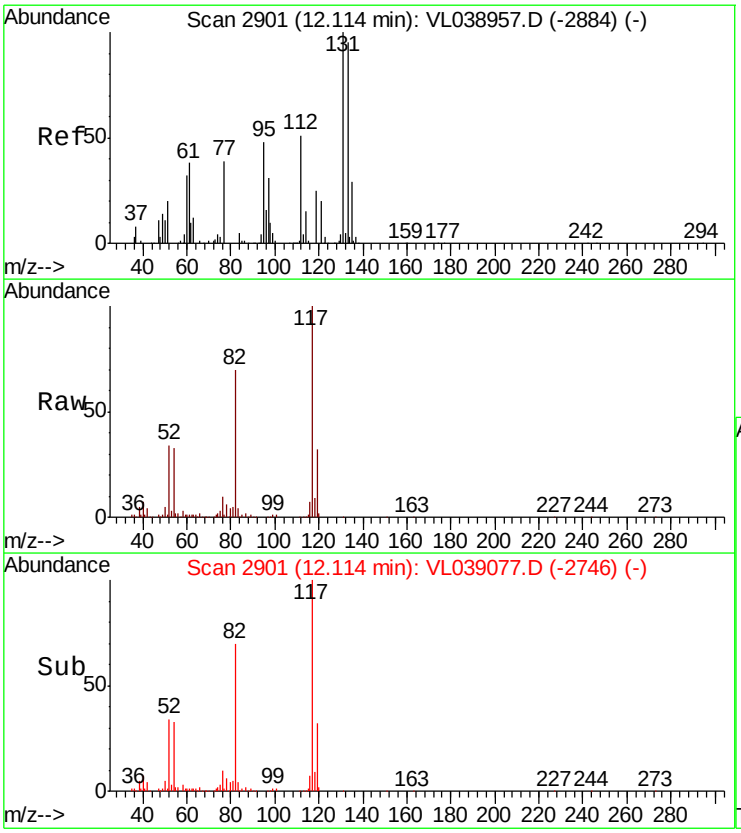
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09
Delta R.T
Lab File:
Acq: 17 May 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4

Tgt Ion:117 Resp: 1689163

Ion	Ratio	Lower	Upper
117	100		
82	74.7	57.0	85.6
119	33.3	27.2	40.8

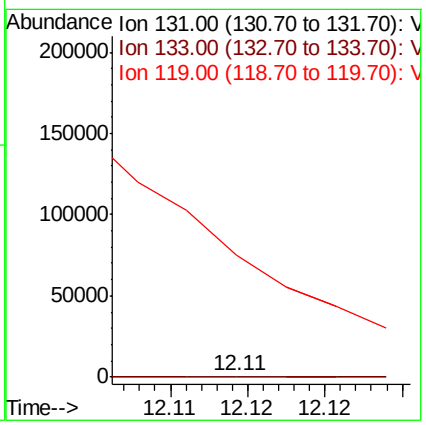


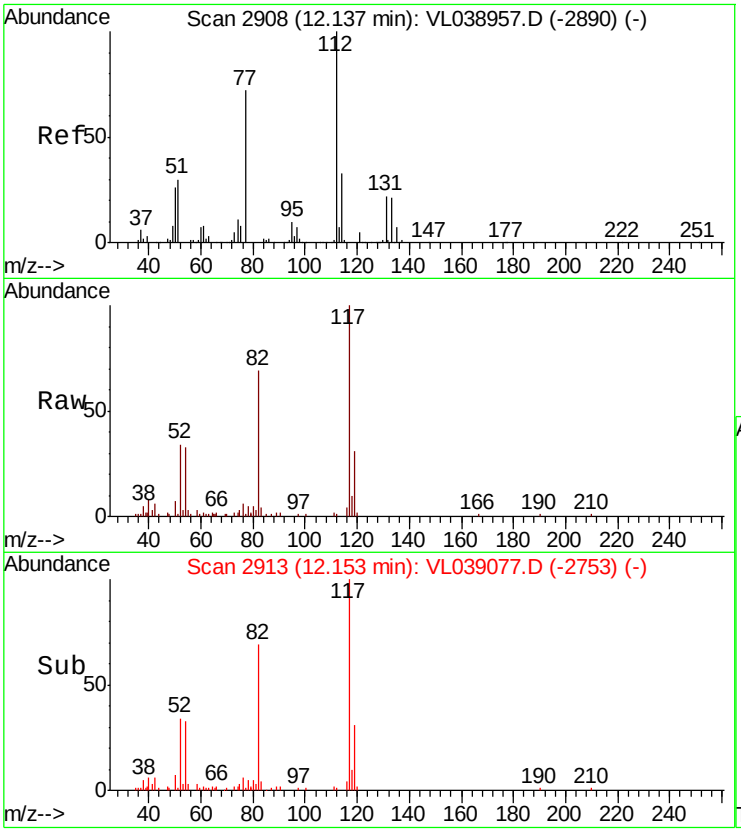


#56
1,1,1,2-Tetrachloroethane
Concen: 0.002 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. -0.00 min
Lab File: VL039077.D
Acq: 17 May 2022 20:19

Tgt Ion:131 Resp: 118

Ion	Ratio	Lower	Upper
131	100		
133	0.0	76.9	115.3#
119	476684.7	47.4	71.0#



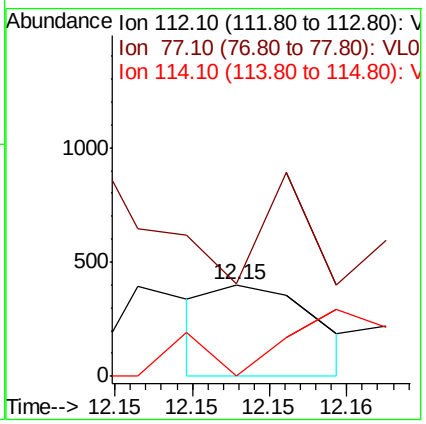


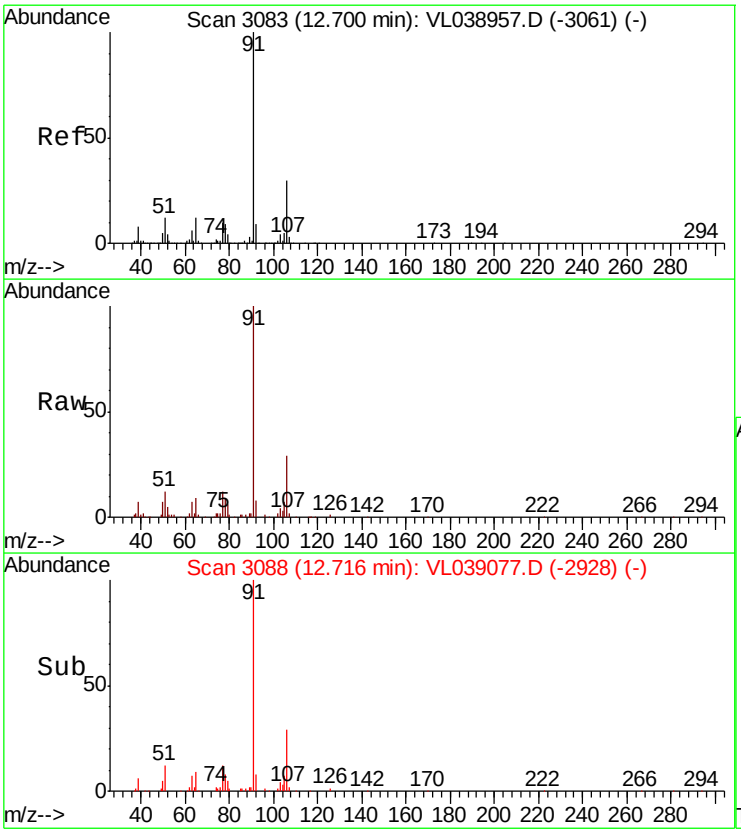
#57
Chlorobenzene
Concen: 0.001 ppbv
RT: 12.15
Delta R.T
Lab File:
Acq: 17 May 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4

Tgt Ion:112 Resp: 182

Ion	Ratio	Lower	Upper
112	100		
77	2.3	57.7	86.5#
114	0.0	30.1	36.7#

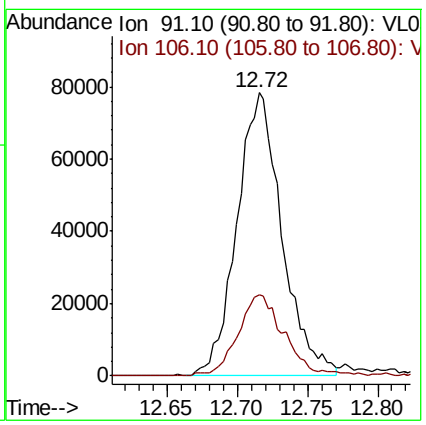


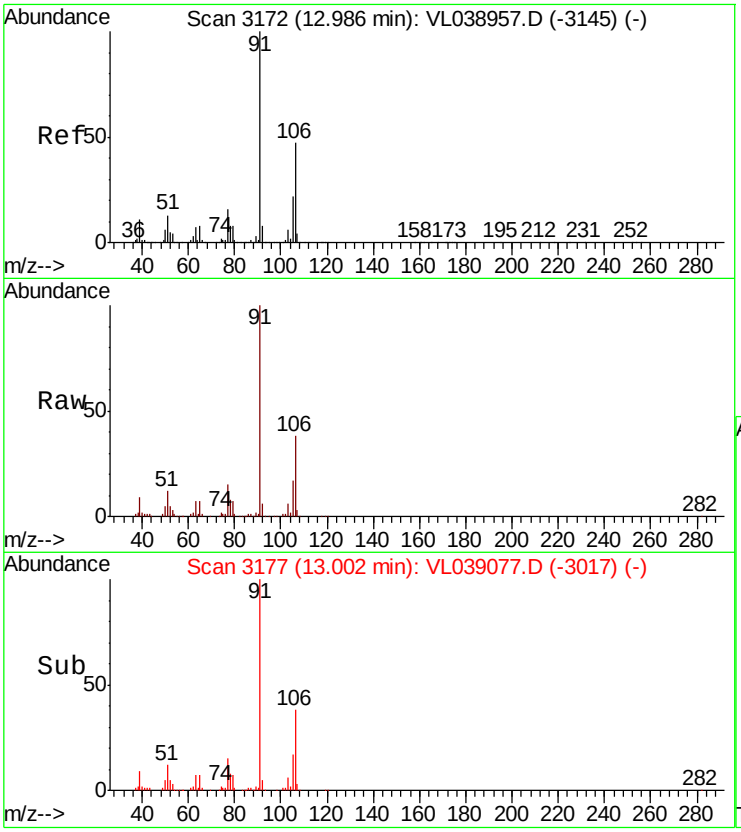


#58
Ethyl Benzene
Concen: 0.719 ppbv
RT: 12.72 min Scan# 3088
Delta R.T. 0.02 min
Lab File: VL039077.D
Acq: 17 May 2022 20:19

Tgt Ion: 91 Resp: 174876

Ion	Ratio	Lower	Upper
91	100		
106	28.4	24.2	36.4



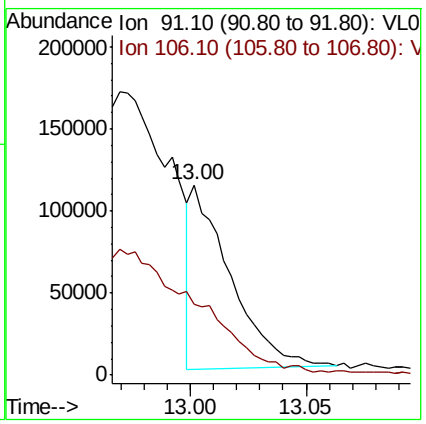


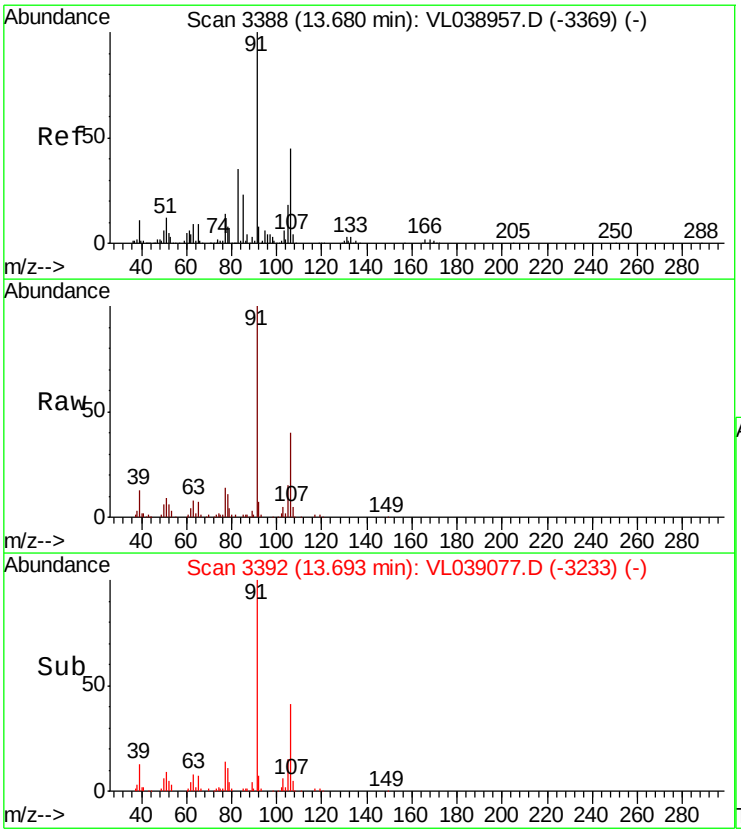
#59
m/p-Xylene
Concen: 0.627 ppbv
RT: 13.00
Delta R.T
Lab File:
Acq: 17 May 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4

Tgt Ion: 91 Resp: 130161

Ion	Ratio	Lower	Upper
91	100		
106	0.0	34.6	52.0#

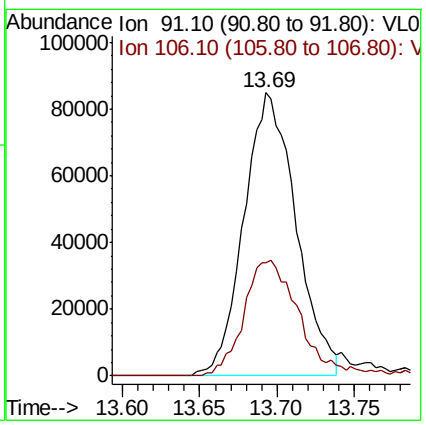


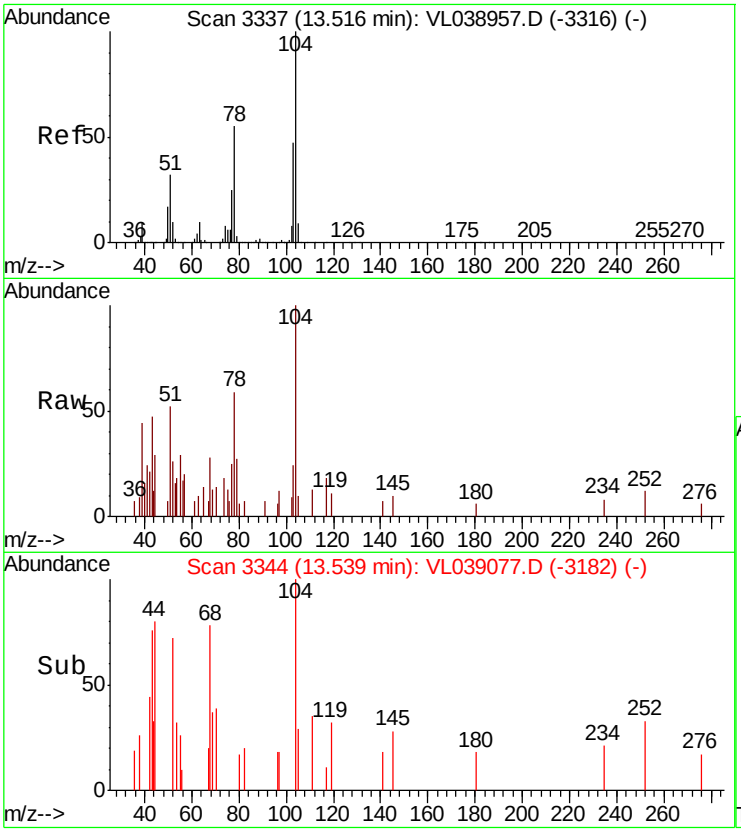


#60
o-Xylene
Concen: 1.012 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. 0.01 min
Lab File: VL039077.D
Acq: 17 May 2022 20:19

Tgt Ion: 91 Resp: 197677

Ion	Ratio	Lower	Upper
91	100		
106	44.3	22.2	66.6



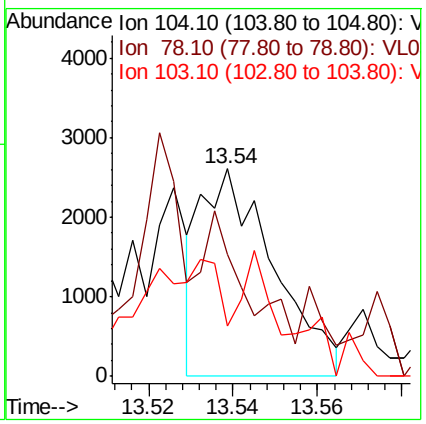


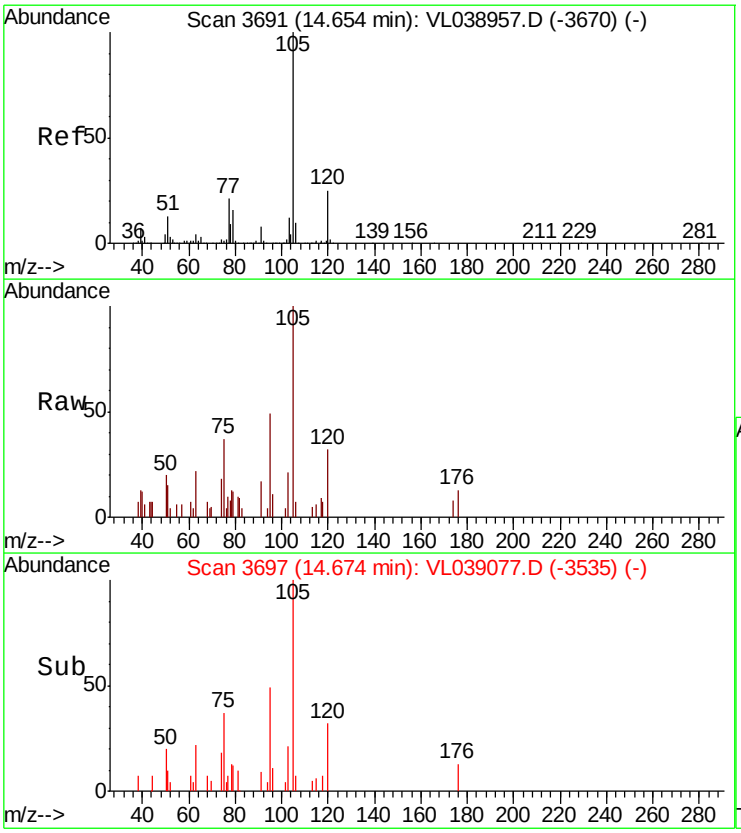
#61
Stvrene
Concen: 0.030 ppbv
RT: 13.54
Delta R.T
Lab File:
Acq: 17 May 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4

Tgt Ion:104 Resp: 3139

Ion	Ratio	Lower	Upper
104	100		
78	0.0	46.4	69.6#
103	109.6	39.3	58.9#

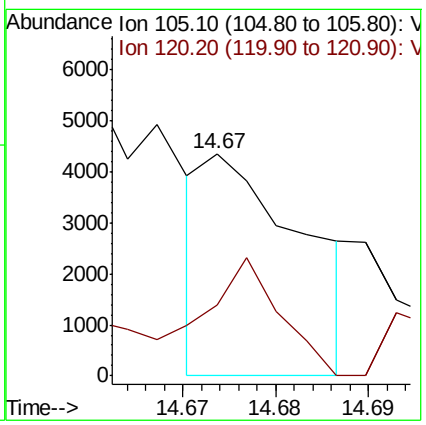


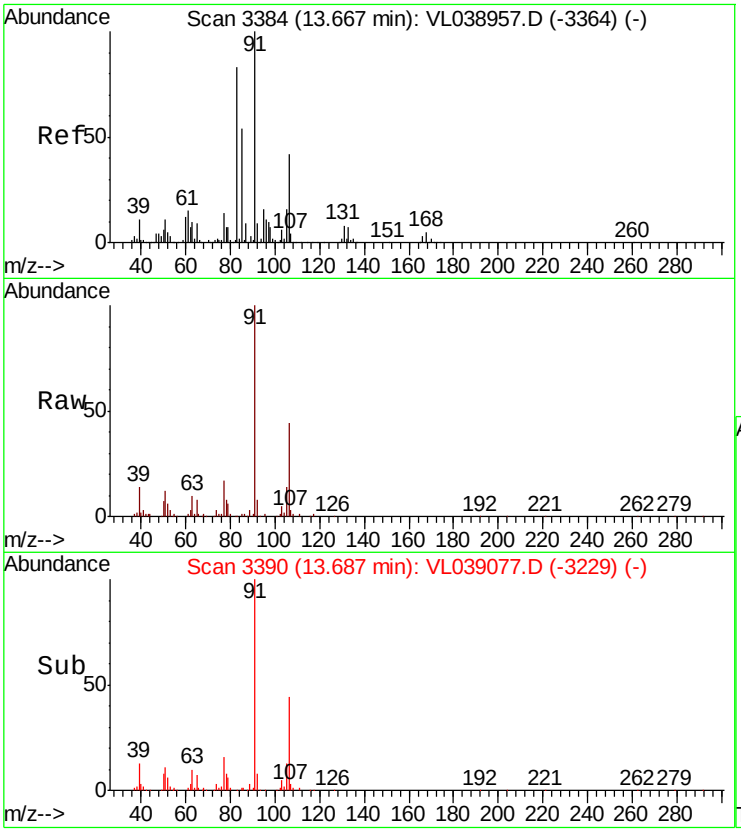


#62
Isopropylbenzene
Concen: 0.011 ppbv
RT: 14.67 min Scan# 3697
Delta R.T. 0.02 min
Lab File: VL039077.D
Acq: 17 May 2022 20:19

Tgt Ion:105 Resp: 3187

Ion	Ratio	Lower	Upper
105	100		
120	97.8	20.5	30.7#



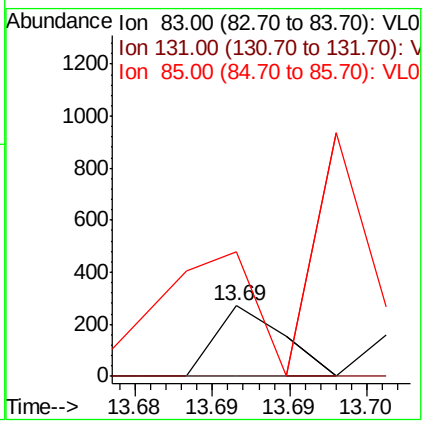


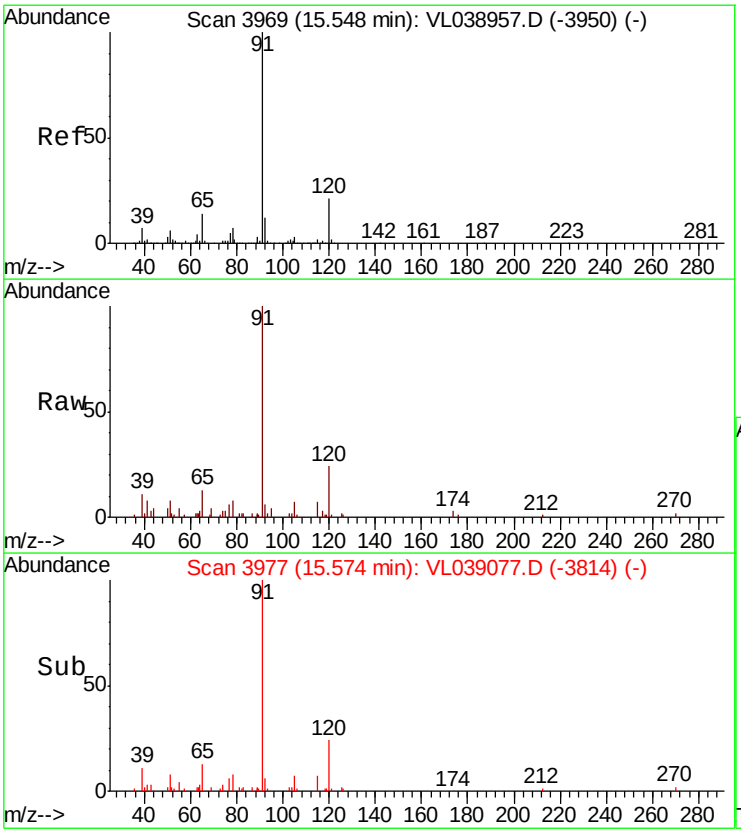
#63
1,1,2,2-Tetrachloroethane
Concen: 0.001 ppbv
RT: 13.69
Delta R.T
Lab File:
Acq: 17 May 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4

Tgt Ion: 83 Resp: 82

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

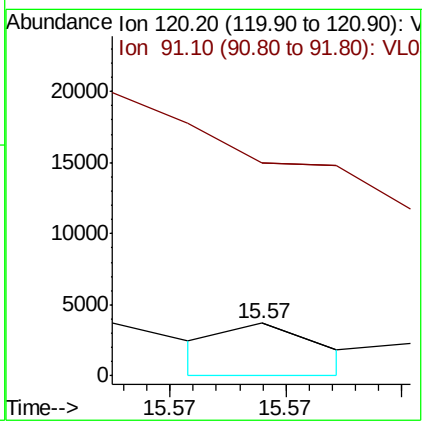


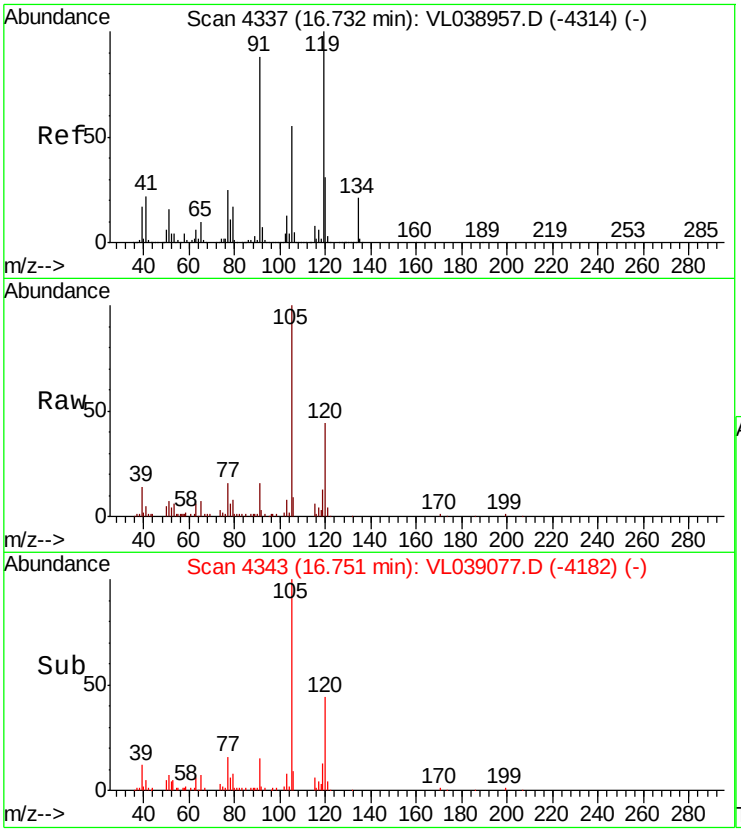


#64
n-propylbenzene
Concen: 0.016 ppbv
RT: 15.57 min Scan# 3977
Delta R.T. 0.03 min
Lab File: VL039077.D
Acq: 17 May 2022 20:19

Tgt Ion:120 Resp: 1076

Ion	Ratio	Lower	Upper
120	100		
91	4905.8	400.6	601.0#



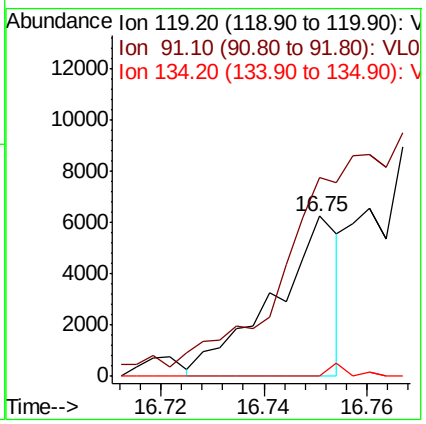


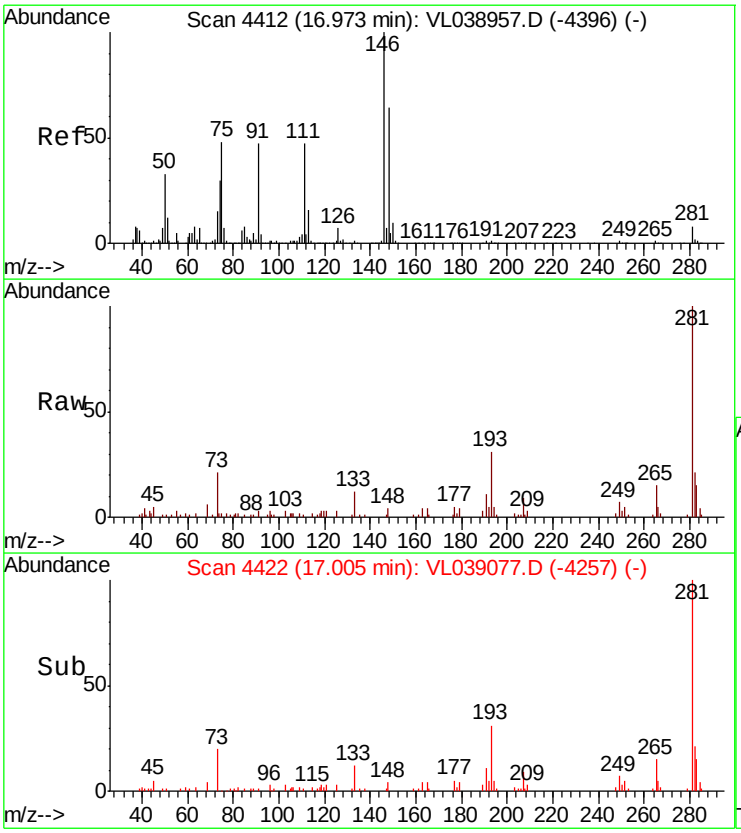
#65
tert-Butylbenzene
Concen: 0.022 ppbv
RT: 16.75
Delta R.T
Lab File:
Acq: 17 May 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4

Tgt Ion:119 Resp: 5508

Ion	Ratio	Lower	Upper
119	100		
91	0.0	69.4	104.2#
134	2.4	15.8	23.8#

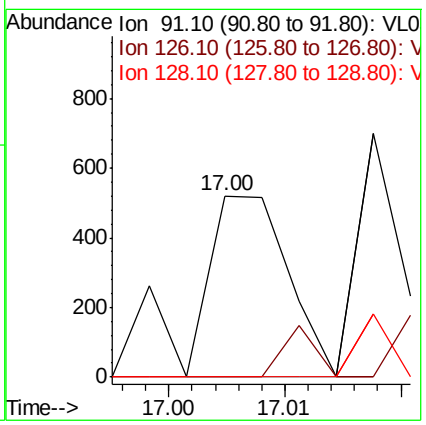


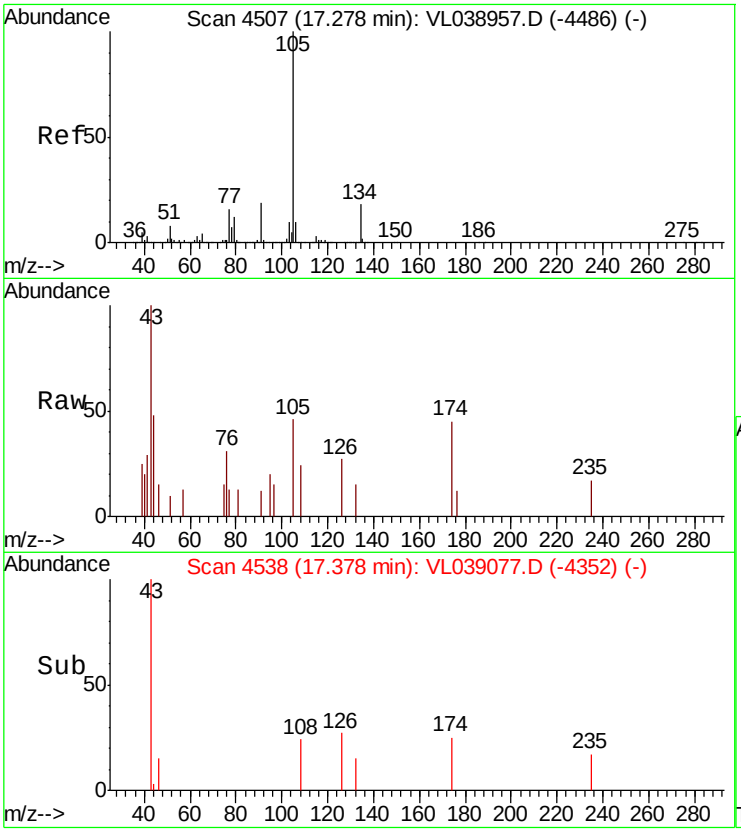


#66
Benzyl Chloride
Concen: 0.007 ppbv
RT: 17.00 min Scan# 4422
Delta R.T. 0.03 min
Lab File: VL039077.D
Acq: 17 May 2022 20:19

Tgt Ion: 91 Resp: 242

Ion	Ratio	Lower	Upper
91	100		
126	89.3	11.8	17.6#
128	0.0	4.2	6.2#



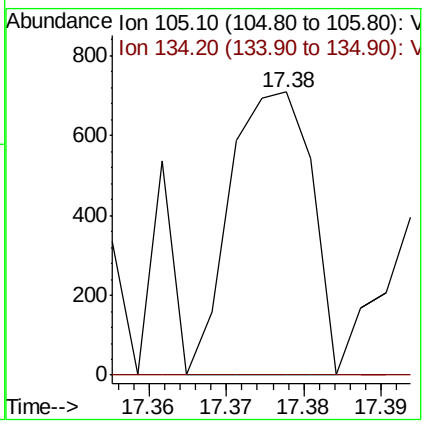


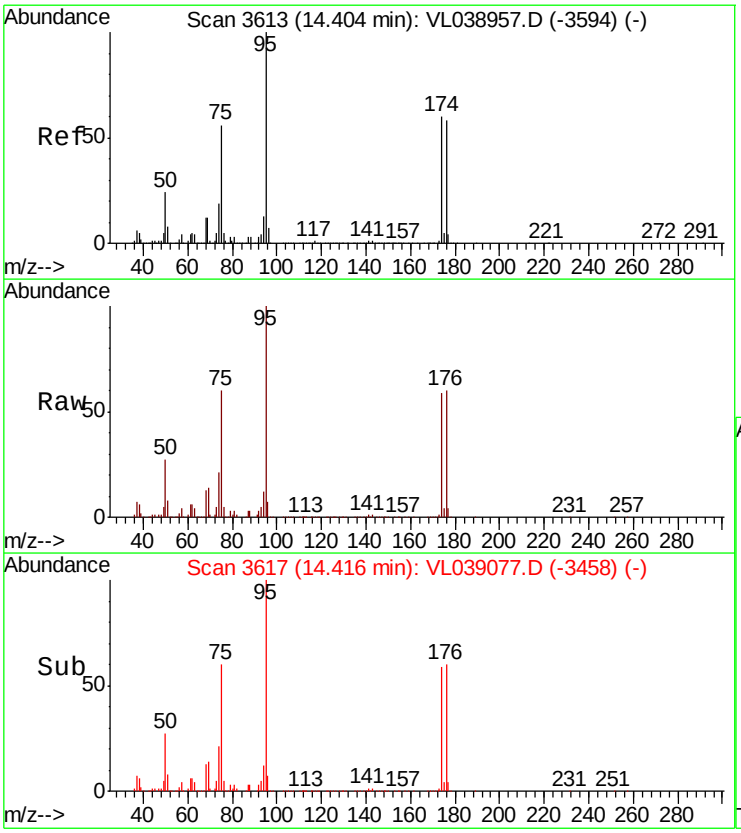
#67
sec-Butylbenzene
Concen: 0.001 ppbv
RT: 17.38
Delta R.T
Lab File:
Acq: 17 May 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4

Tgt Ion:105 Resp: 520

Ion	Ratio	Lower	Upper
105	100		
134	15.2	14.2	21.4

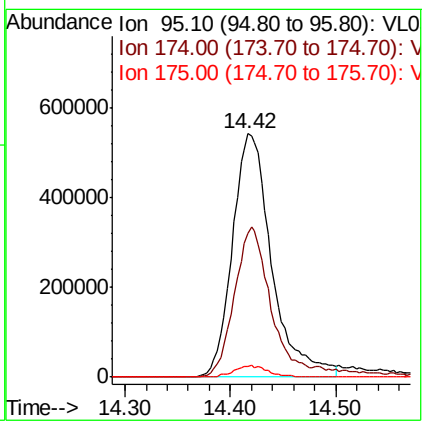


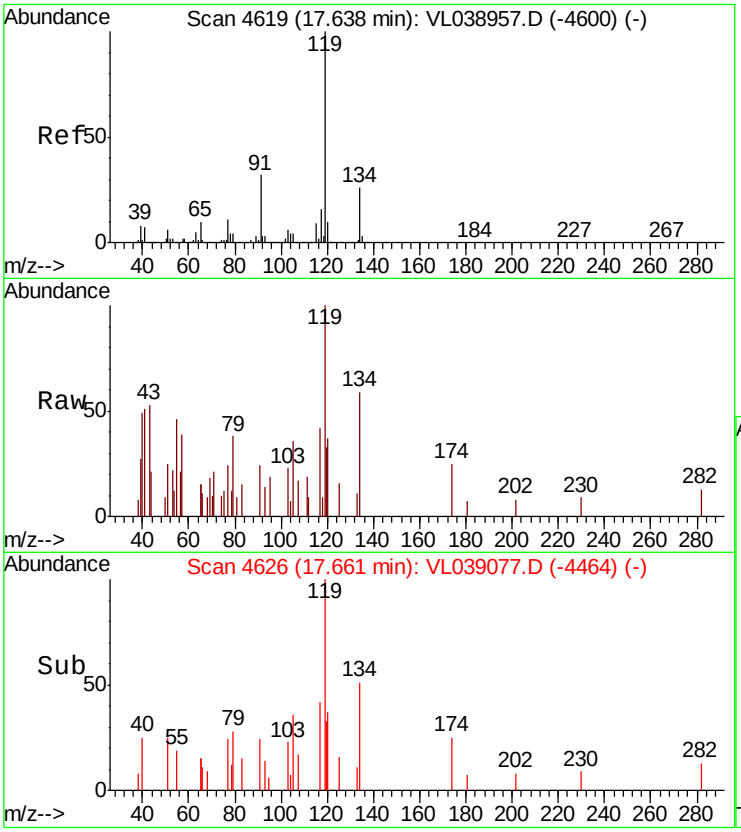


#68
1-Bromo-4-Fluorobenzene
Concen: 10.476 ppbv
RT: 14.42 min Scan# 3617
Delta R.T. 0.01 min
Lab File: VL039077.D
Acq: 17 May 2022 20:19

Tgt Ion: 95 Resp: 1401435

Ion	Ratio	Lower	Upper
95	100		
174	62.3	50.8	76.2
175	4.3	3.8	5.6



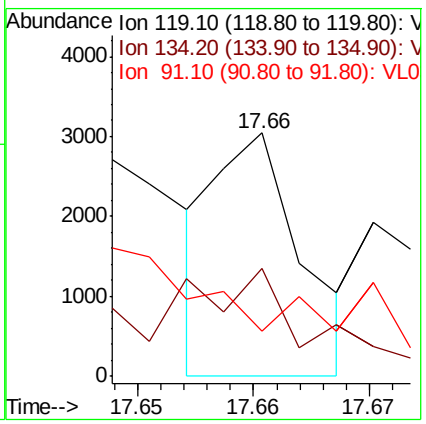


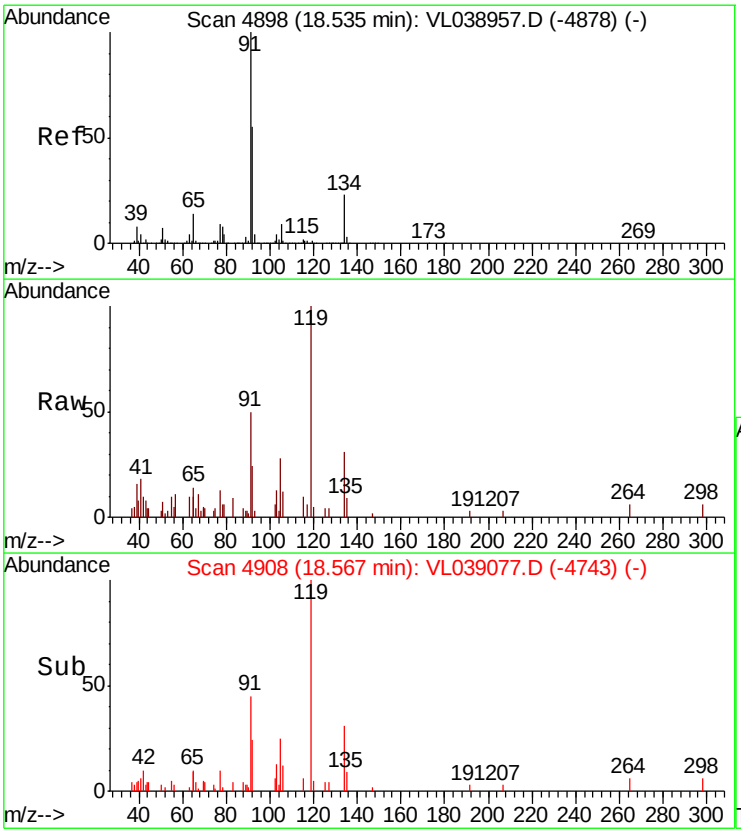
#69
p-Isopropyltoluene
Concen: 0.005 ppbv
RT: 17.66
Delta R.T
Lab File:
Acq: 17 May 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4

Tgt Ion:119 Resp: 1564

Ion	Ratio	Lower	Upper
119	100		
134	121.2	20.0	30.0#
91	0.0	24.8	37.2#

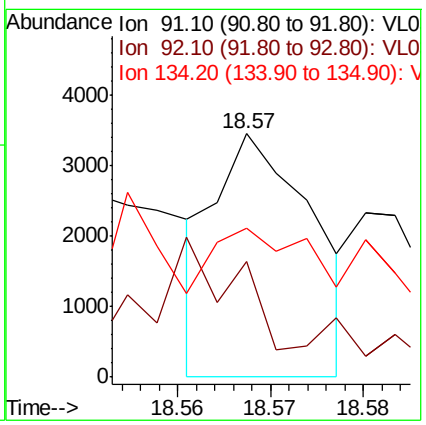


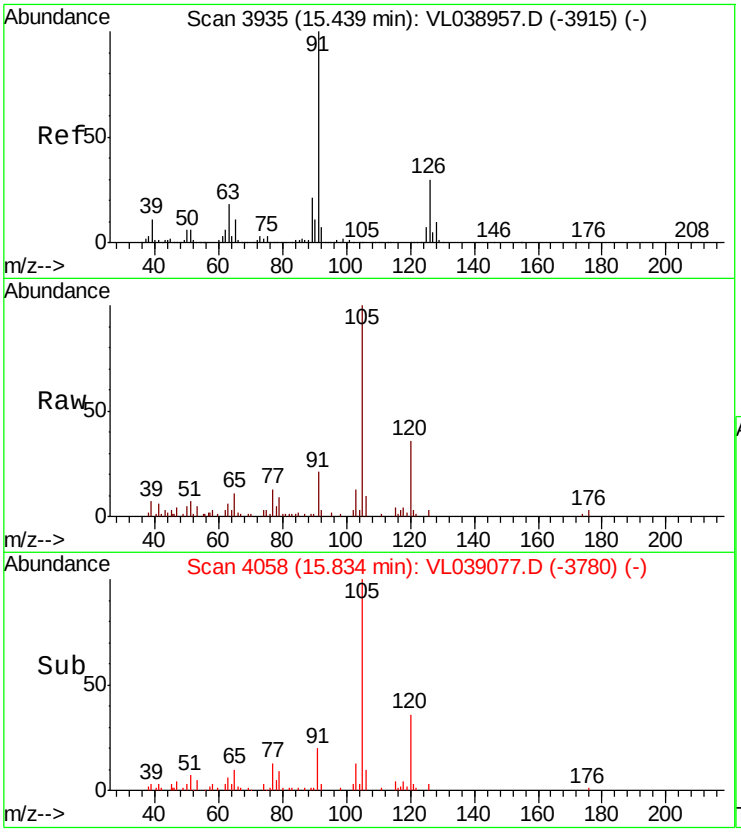


#70
n-Butylbenzene
Concen: 0.008 ppbv
RT: 18.57 min Scan# 4908
Delta R.T. 0.03 min
Lab File: VL039077.D
Acq: 17 May 2022 20:19

Tgt Ion: 91 Resp: 2525

Ion	Ratio	Lower	Upper
91	100		
92	72.3	43.1	64.7#
134	254.5	17.0	25.4#



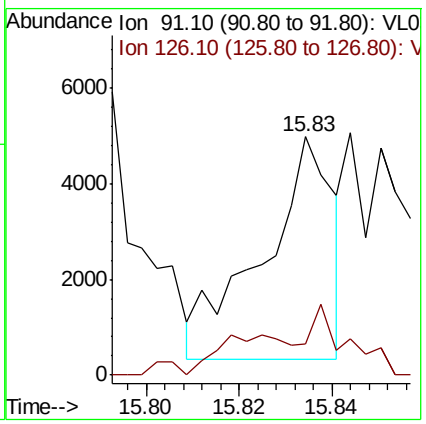


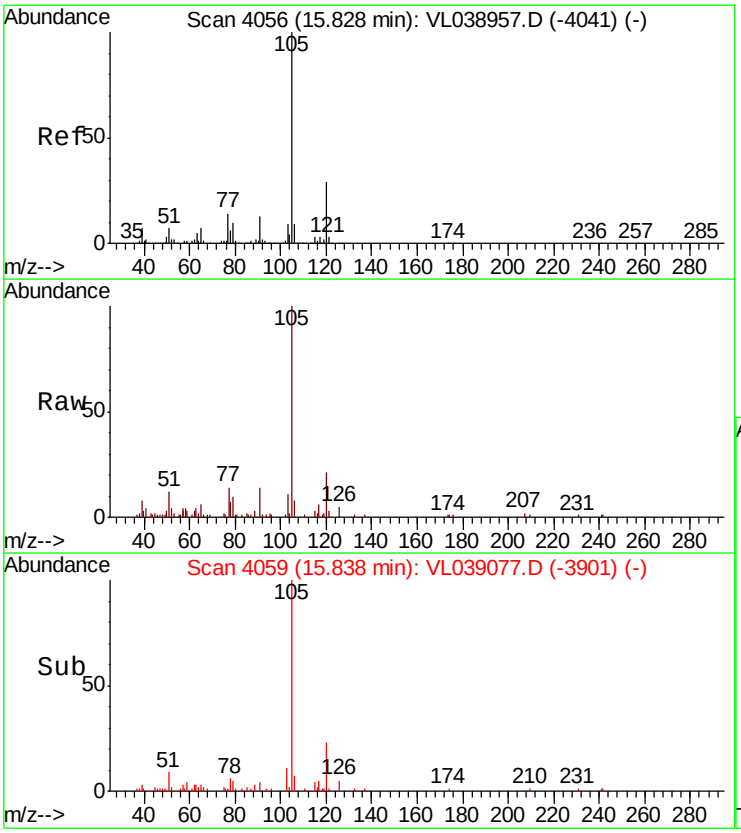
#71
2-Chlorotoluene
Concen: 0.022 ppbv
RT: 15.83
Delta R.T
Lab File:
Acq: 17 May 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4

Tgt Ion: 91 Resp: 4864

Ion	Ratio	Lower	Upper
91	100		
126	40.2	11.9	47.5

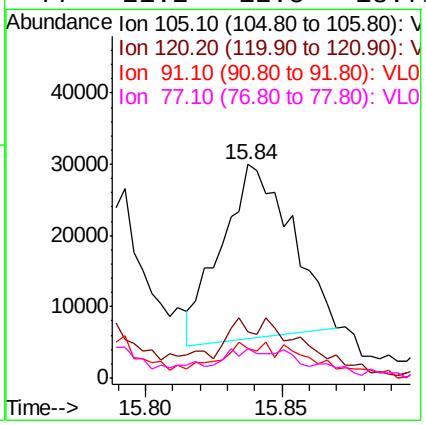


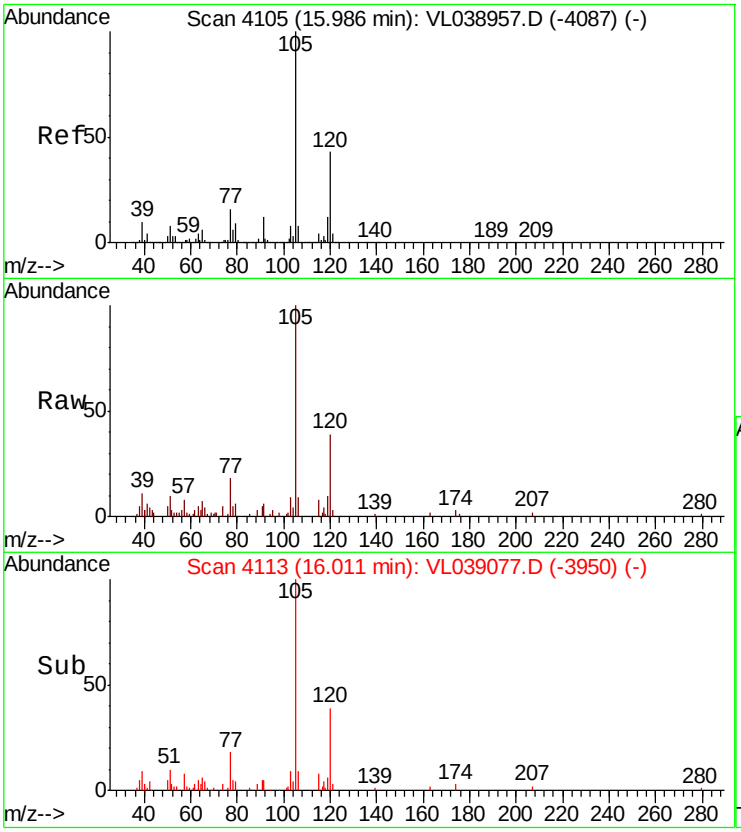


#72
4-Ethyltoluene
Concen: 0.195 ppbv
RT: 15.84 min Scan# 4059
Delta R.T. 0.01 min
Lab File: VL039077.D
Acq: 17 May 2022 20:19

Tgt Ion:105 Resp: 43394

Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.4	35.0#
91	25.1	10.6	16.0#
77	21.2	12.5	18.7#



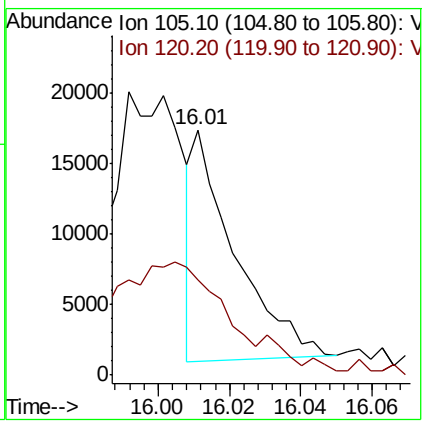


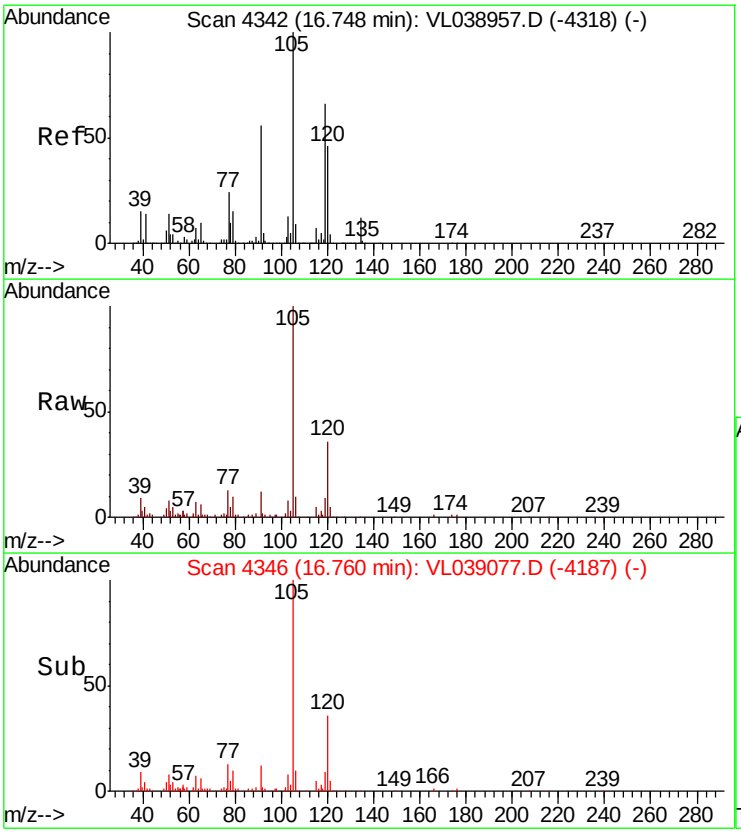
#73
1,3,5-Trimethylbenzene
Concen: 0.067 ppbv
RT: 16.01
Delta R.T
Lab File:
Acq: 17 May 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4

Tgt Ion:105 Resp: 13339

Ion	Ratio	Lower	Upper
105	100		
120	40.4	34.4	51.6

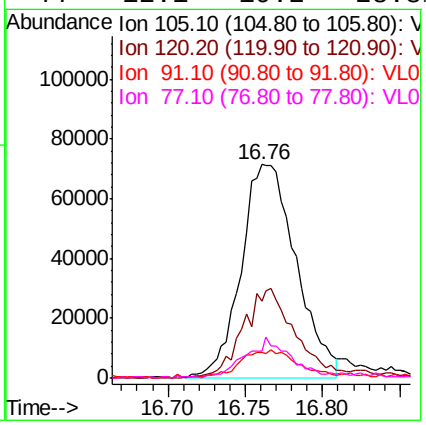


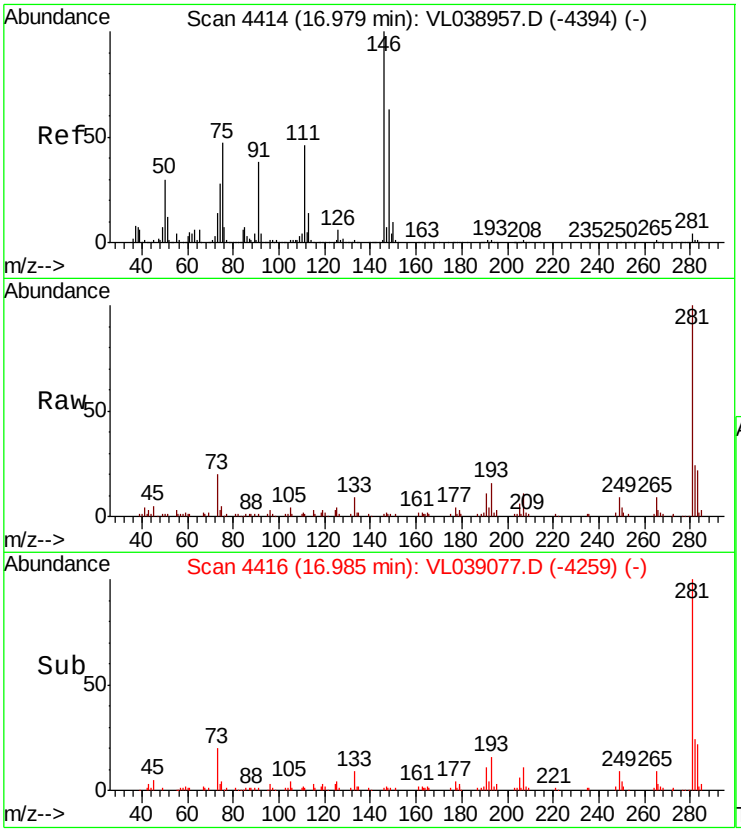


#74
1,2,4-Trimethylbenzene
Concen: 0.801 ppbv
RT: 16.76 min Scan# 4346
Delta R.T. 0.01 min
Lab File: VL039077.D
Acq: 17 May 2022 20:19

Tgt Ion:105 Resp: 175682

Ion	Ratio	Lower	Upper
105	100		
120	35.7	36.9	55.3#
91	11.5	45.0	67.4#
77	12.1	19.2	28.8#



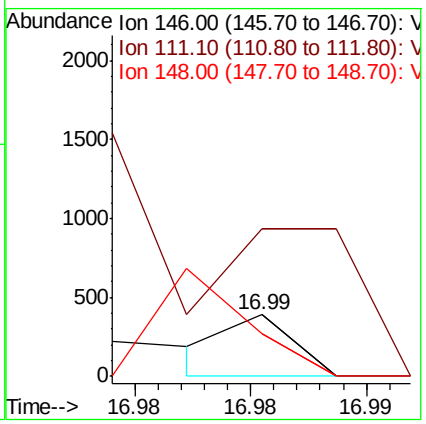


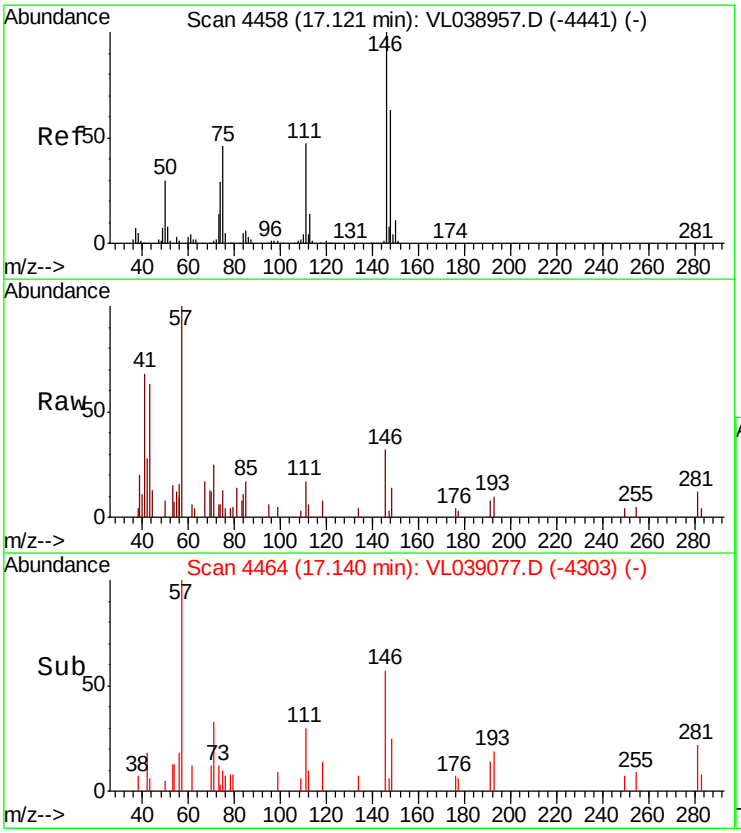
#75
1,3-Dichlorobenzene
Concen: 0.001 ppbv
RT: 16.99
Delta R.T
Lab File:
Acq: 17 May 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4

Tgt Ion:146 Resp: 75

Ion	Ratio	Lower	Upper
146	100		
111	394.7	24.1	72.2#
148	992.0	32.4	97.2#

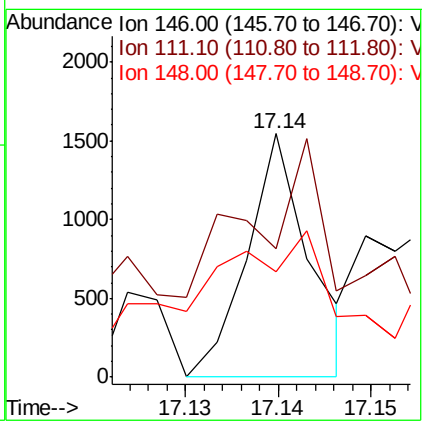


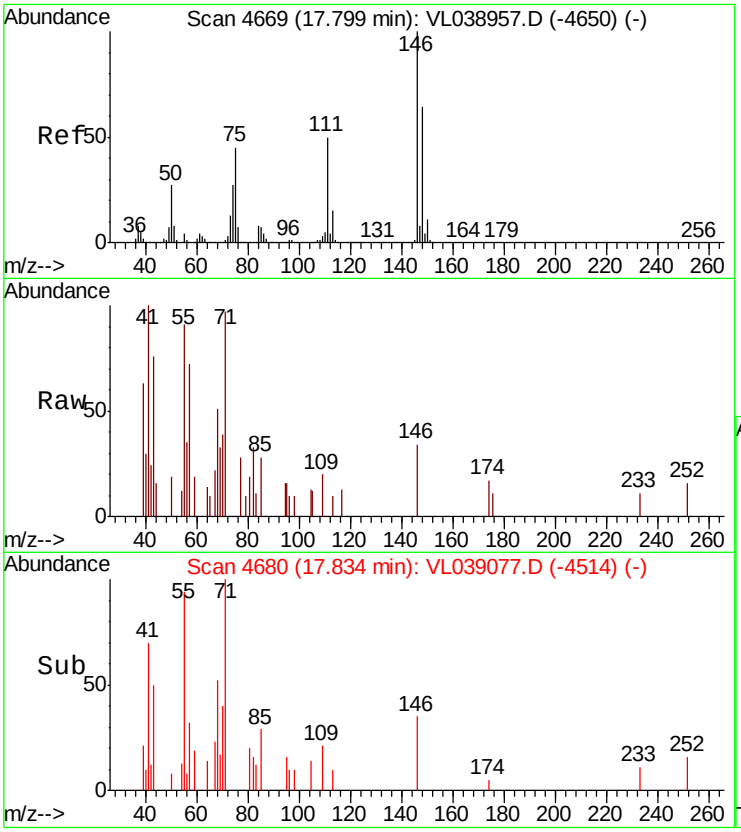


#76
1,4-Dichlorobenzene
Concen: 0.006 ppbv
RT: 17.14 min Scan# 4464
Delta R.T. 0.02 min
Lab File: VL039077.D
Acq: 17 May 2022 20:19

Tgt Ion:146 Resp: 719

Ion	Ratio	Lower	Upper
146	100		
111	308.9	23.6	71.0#
148	183.9	32.2	96.6#



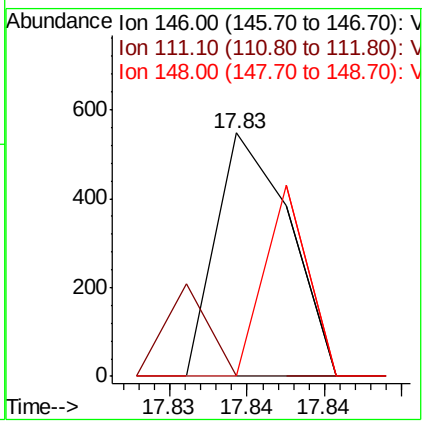


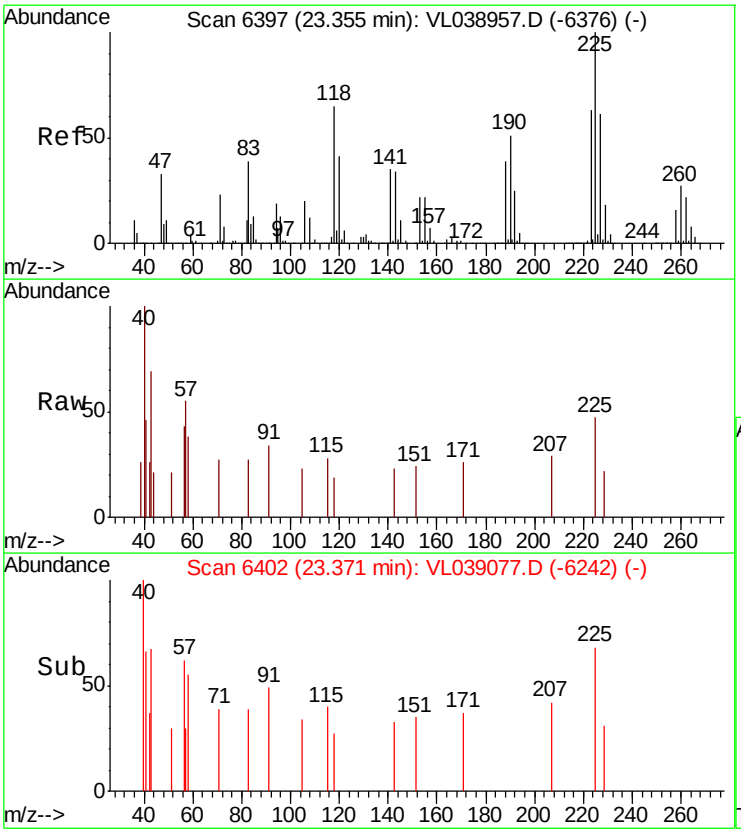
#77
1,2-Dichlorobenzene
Concen: 0.002 ppbv
RT: 17.83
Delta R.T
Lab File:
Acq: 17 May 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4

Tgt Ion:146 Resp: 179

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

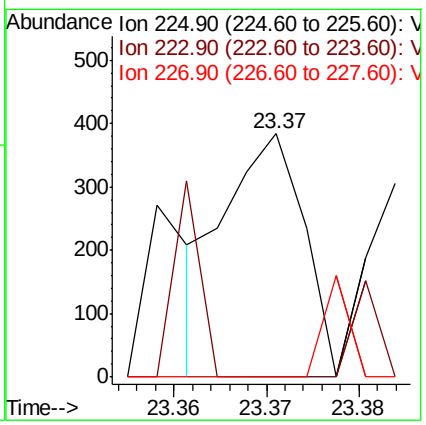


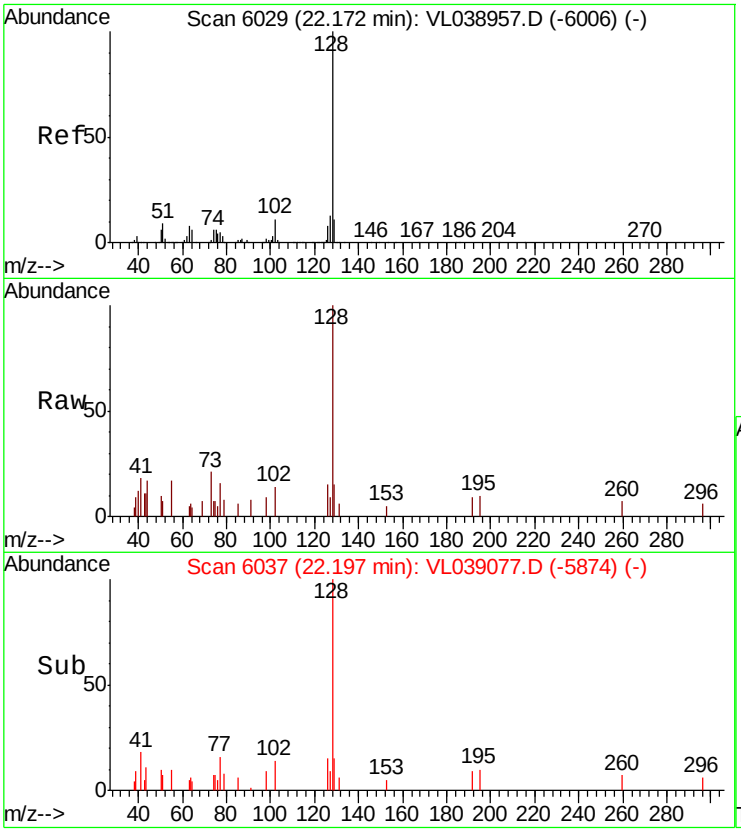


#78
Hexachloro-1,3-Butadiene
Concen: 0.002 ppbv
RT: 23.37 min Scan# 6402
Delta R.T. 0.02 min
Lab File: VL039077.D
Acq: 17 May 2022 20:19

Tgt Ion:225 Resp: 227

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



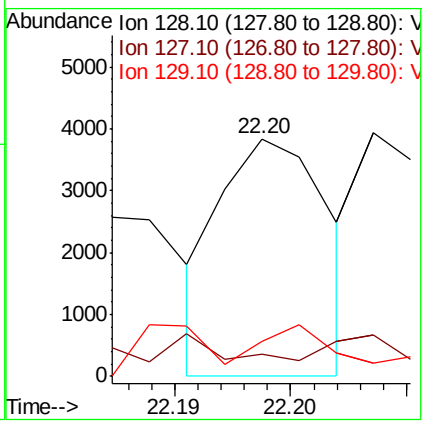


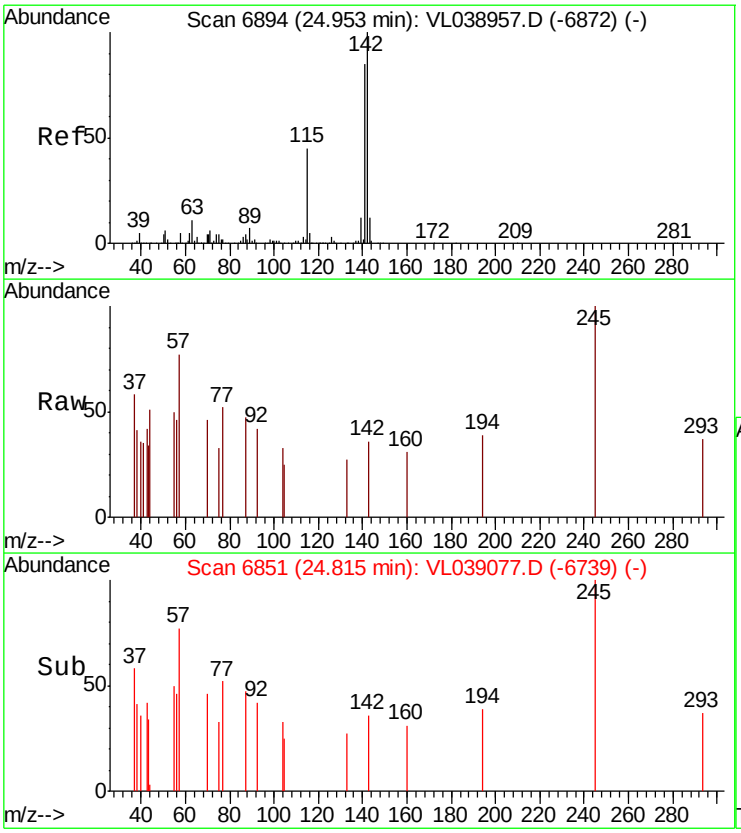
#79
Naphthalene
Concen: 0.014 ppbv
RT: 22.20
Delta R.T
Lab File:
Acq: 17 May 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4

Tgt Ion:128 Resp: 2486

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	9.2	8.9	13.3

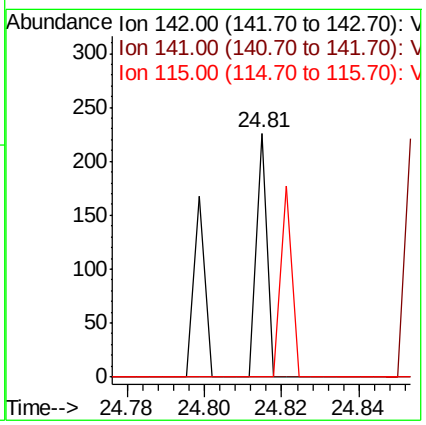


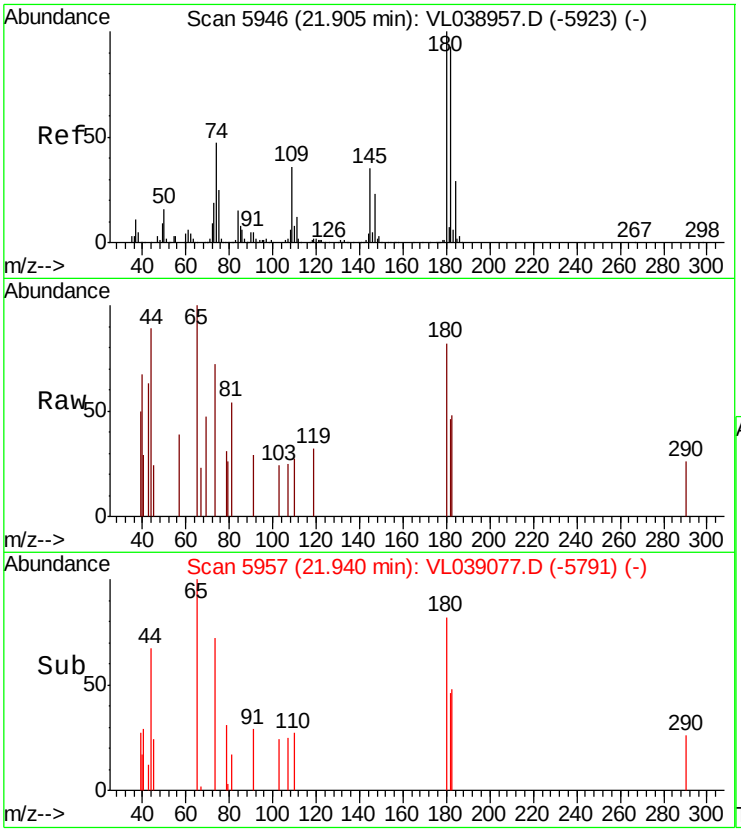


#80
Naphthalene,2-methyl-
Concen: 0.001 ppbv
RT: 24.81 min Scan# 6851
Delta R.T. -0.14 min
Lab File: VL039077.D
Acq: 17 May 2022 20:19

Tgt Ion:142 Resp: 76

Ion	Ratio	Lower	Upper
142	100		
141	94.7	70.8	106.2
115	46.1	35.1	52.7





#81
1,2,4-Trichlorobenzene
Concen: 0.003 ppbv
RT: 21.94
Delta R.T
Lab File:
Acq: 17 May 2022 20:19

Instrument :
MSVOA_L
ClientSampleId :
1161-8.01-SG-4

Tgt Ion:180 Resp: 319

Ion	Ratio	Lower	Upper
180	100		
182	0.0	78.4	117.6#
184	11.0	24.4	36.6#