Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032122\
Data File : VL038663.D
Acq On : 21 Mar 2022 23:21
Operator : SY/AP
Sample : N1964-09
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
C0P65

Quant Time: Mar 22 03:51:09 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 21 17:09:26 2022
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	799852	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	1999431	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.07	117	1815491	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.40	95	1302529	9.36	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 93.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	23342	0.22	ppbv		94
3) Chlorodifluoromethane	2.99	51	51073	0.60	ppbv	#	83
4) Chloromethane	3.14	50	21731	0.47	ppbv		95
5) Vinyl Chloride	3.26	62	1590	0.03	ppbv		91
6) Bromomethane	3.47	94	1139	0.05	ppbv	#	35
7) Chloroethane	3.56	64	573	0.04	ppbv	#	70
8) Dichlorotetrafluoroethane	3.19	85	5661	0.05	ppbv		94
9) Propene	3.02	41	31743	0.78	ppbv		85
11) Trichlorofluoromethane	3.95	101	24929	0.26	ppbv		91
12) 1,1,2-Trichlorotrifluoroet	4.48	101	4633	0.06	ppbv		93
13) Ethanol	3.61	45	29413	6.54	ppbv	#	47
15) Acetone	3.85	43	145227	2.10	ppbv		95
16) 1,3-Butadiene	3.31	39	13263	0.34	ppbv	#	45
17) tert-Butyl alcohol	4.30	59	4418	0.07	ppbv	#	73
18) 1,1-Dichloroethene	4.29	96	765	0.02	ppbv	#	74
19) Isopropyl Alcohol	3.97	45	9067	0.24	ppbv	#	5
20) Methylene Chloride	4.34	84	105909	3.64	ppbv		97
21) Allyl Chloride	4.41	41	1174	0.02	ppbv	#	23
22) trans-1,2-Dichloroethene	4.88	96	4208	0.12	ppbv	#	71
23) Vinyl Acetate	5.10	43	1914	0.03	ppbv	#	88
24) 1,1-Dichloroethane	5.01	63	2712	0.04	ppbv	#	85
25) Ethyl Acetate	5.67	43	14505	0.08	ppbv	#	84
26) Hexane	5.68	57	43271	0.56	ppbv	#	42
27) Carbon Disulfide	4.55	76	2752	0.04	ppbv		95
28) Methyl tert-Butyl Ether	5.03	73	1900	0.03	ppbv	#	65
29) Chloroform	5.74	83	12532	0.10	ppbv		93
31) cis-1,2-Dichloroethene	5.54	61	115763	1.58	ppbv		93
32) 1,1,1-Trichloroethane	6.50	97	4872	0.04	ppbv	#	79
34) 2-Butanone	5.24	43	113453	1.43	ppbv		99
35) Carbon Tetrachloride	7.01	117	4651	0.04	ppbv	#	78
36) Benzene	6.88	78	13091	0.08	ppbv		98
37) 1,2-Dichloroethane	6.30	62	2421	0.03	ppbv	#	80
38) Trichloroethene	7.82	130	1326	0.02	ppbv	#	78
39) 1,2-Dichloropropane	7.17	63	477665	7.92	ppbv	#	28
41) Tetrahydrofuran	6.05	42	80469	1.37	ppbv		99
42) Bromodichloromethane	7.78	83	2827	0.02	ppbv	#	90
44) 2,2,4-Trimethylpentane	7.86	57	7354	0.03	ppbv	#	14
46) cis-1,3-Dichloropropene	8.69	75	1613	0.02	ppbv	#	93
47) 1,1,2-Trichloroethane	9.46	97	1633	0.03	ppbv	#	87
48) Dibromochloromethane	10.29	129	2458	0.02	ppbv		61
52) Tetrachloroethene	11.21	164	7504	0.13	ppbv		92

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032122\
Data File : VL038663.D
Acq On : 21 Mar 2022 23:21
Operator : SY/AP
Sample : N1964-09
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
C0P65

Quant Time: Mar 22 03:51:09 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 21 17:09:26 2022
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) Toluene	9.80	91	673558	4.06	ppbv		97
56) 1,1,1,2-Tetrachloroethane	12.11	131	1524	0.02	ppbv	#	8
57) Chlorobenzene	12.13	112	4274	0.03	ppbv	#	64
58) Ethyl Benzene	12.69	91	9954	0.05	ppbv		89
59) m/p-Xylene	12.99	91	5436	0.03	ppbv	#	75
60) o-Xylene	13.67	91	5853	0.03	ppbv		70
62) Isopropylbenzene	14.65	105	6342	0.02	ppbv	#	59
63) 1,1,2,2-Tetrachloroethane	13.67	83	3476	0.03	ppbv	#	32
67) sec-Butylbenzene	17.27	105	10897	0.03	ppbv	#	85
70) n-Butylbenzene	18.53	91	6244	0.02	ppbv	#	26
73) 1,3,5-Trimethylbenzene	15.98	105	6426	0.03	ppbv		90
74) 1,2,4-Trimethylbenzene	16.75	105	11980	0.06	ppbv	#	91
77) 1,2-Dichlorobenzene	17.81	146	4087	0.03	ppbv	#	51
78) Hexachloro-1,3-Butadiene	23.36	225	6656	0.06	ppbv	#	29
79) Naphthalene	22.18	128	4169	0.03	ppbv		96

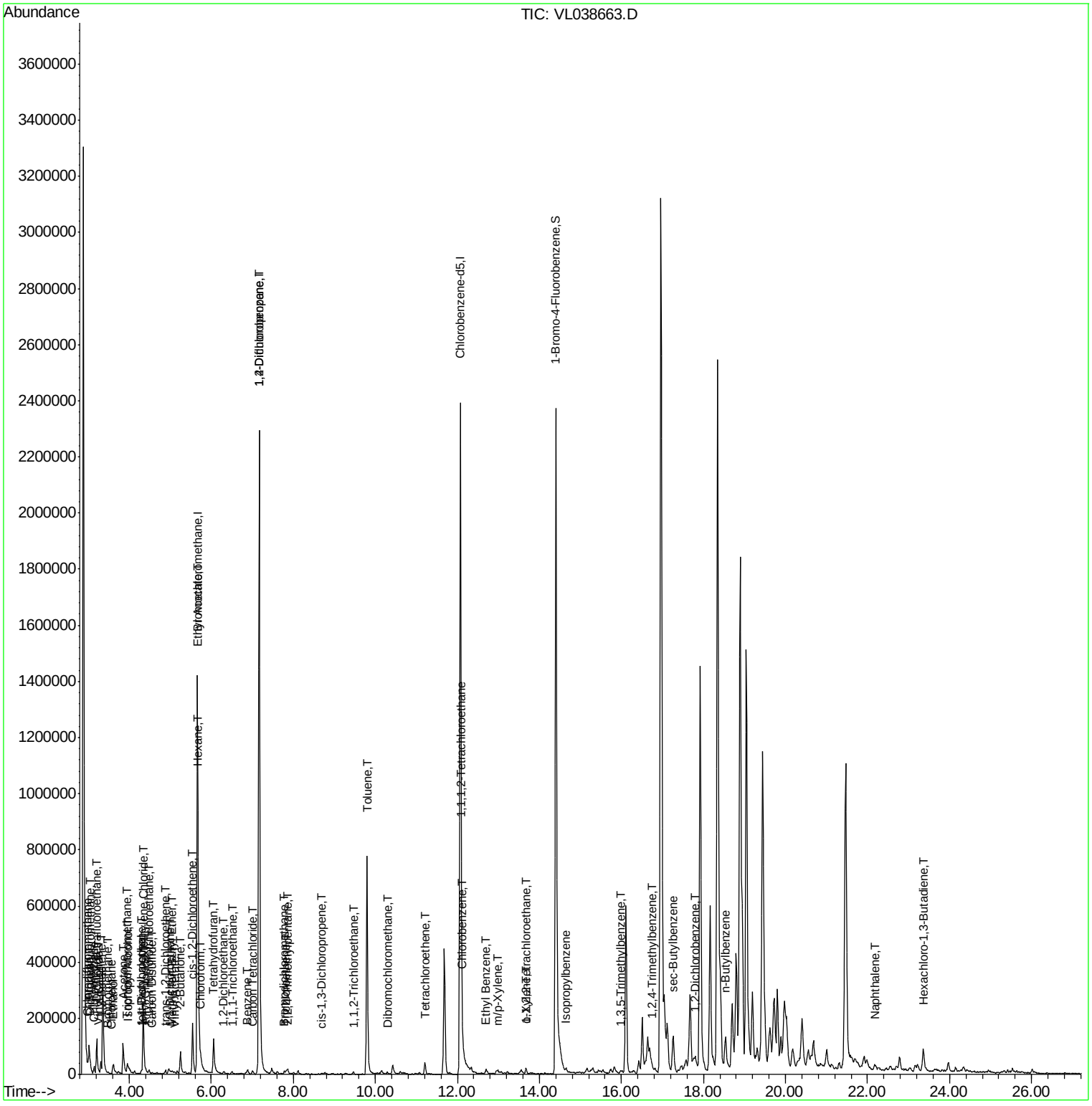
(#) = qualifier out of range (m) = manual integration (+) = signals summed

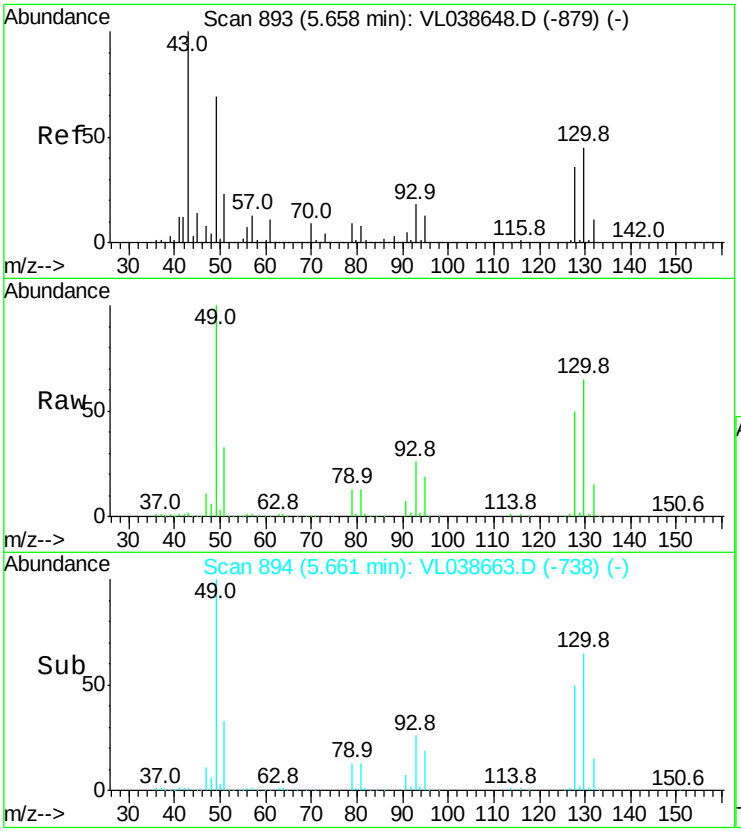
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032122\
Data File : VL038663.D
Acq On : 21 Mar 2022 23:21
Operator : SY/AP
Sample : N1964-09
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
C0P65

Quant Time: Mar 22 03:51:09 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 21 17:09:26 2022
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration



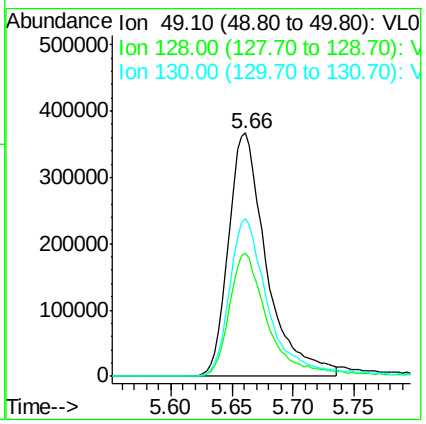


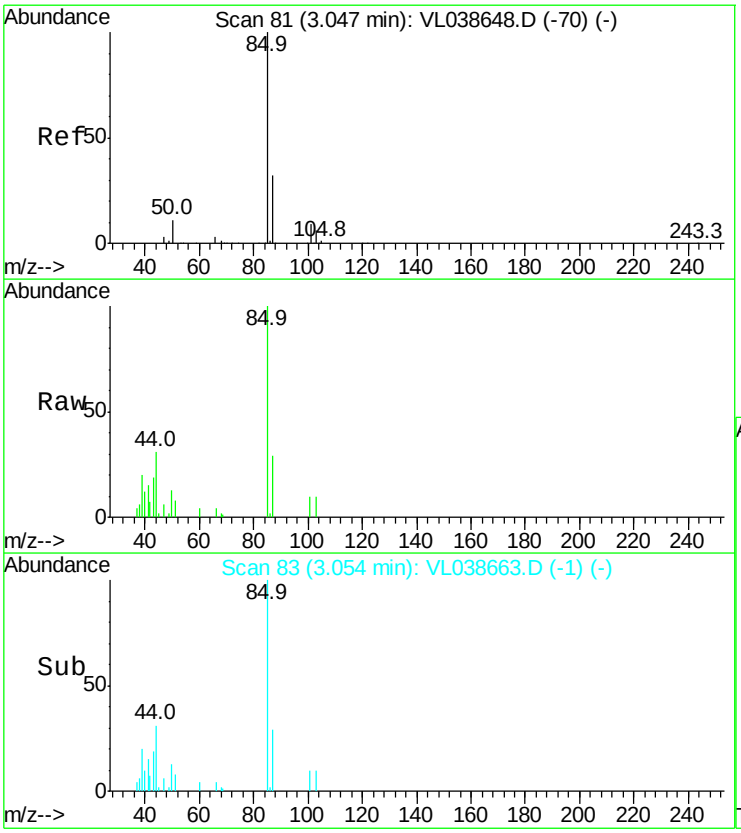
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 21 Mar 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
C0P65

Tgt Ion: 49 Resp: 799852

Ion	Ratio	Lower	Upper
49	100		
128	52.7	26.2	78.6
130	68.0	33.7	101.1

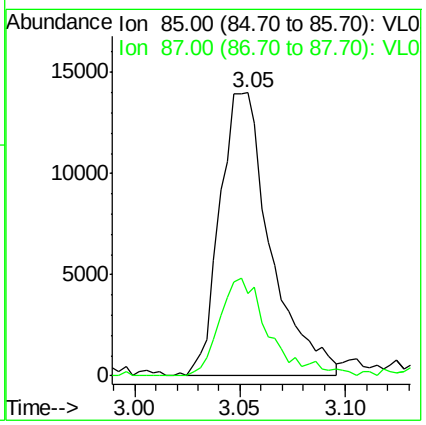


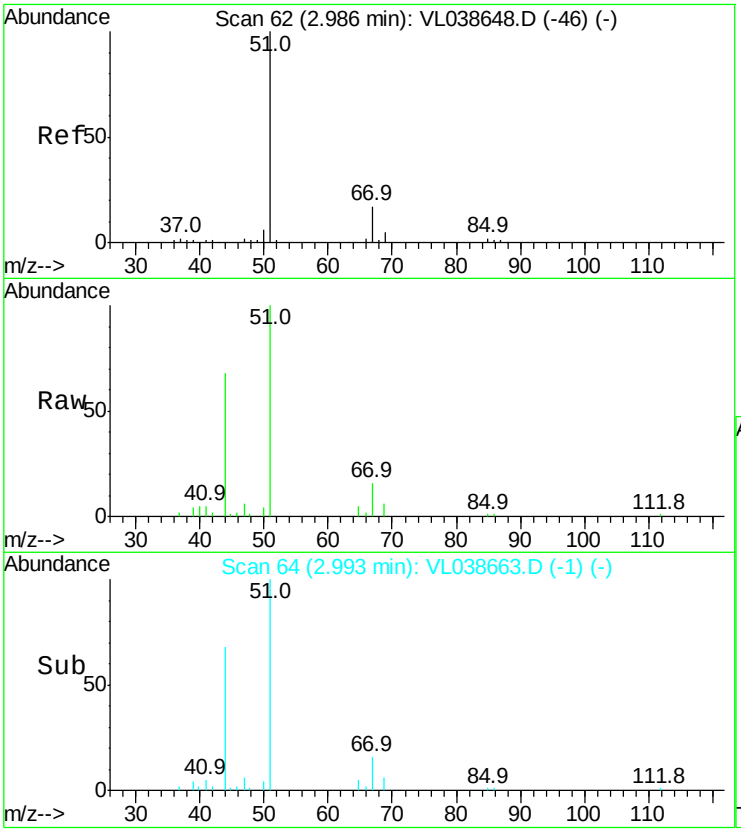


#2
Dichlorodifluoromethane
Concen: 0.22 ppbv
RT: 3.05 min Scan# 83
Delta R.T. 0.01 min
Lab File: VL038663.D
Acq: 21 Mar 2022 23:21

Tgt Ion: 85 Resp: 23342

Ion	Ratio	Lower	Upper
85	100		
87	29.1	26.0	39.0



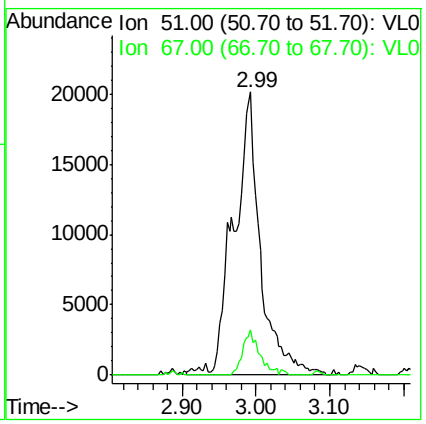


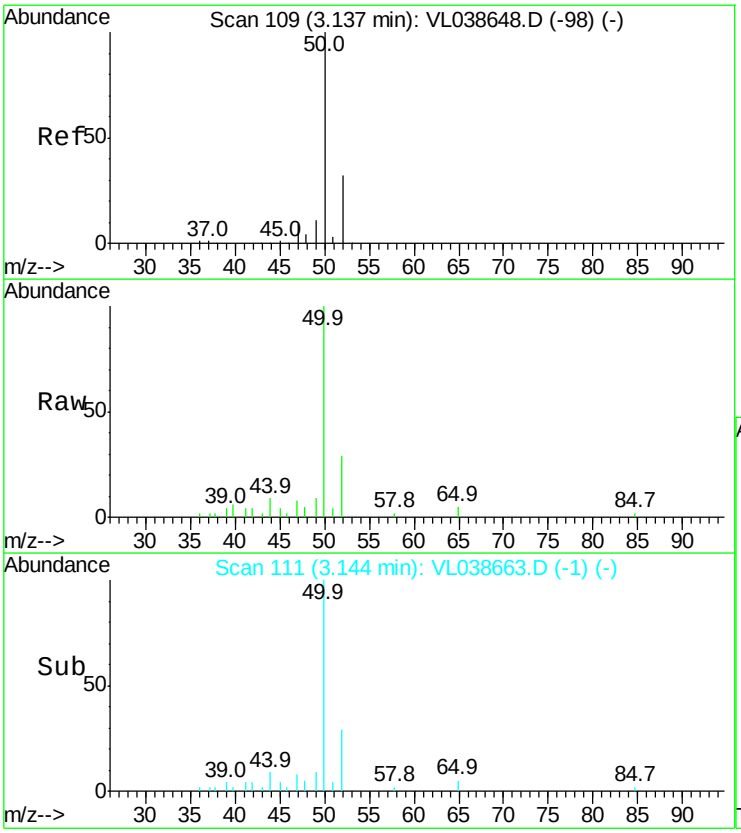
#3
Chlorodifluoromethane
Concen: 0.60 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 21 Mar 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
C0P65

Tgt Ion: 51 Resp: 51073

Ion	Ratio	Lower	Upper
51	100		
67	10.2	14.1	21.1#

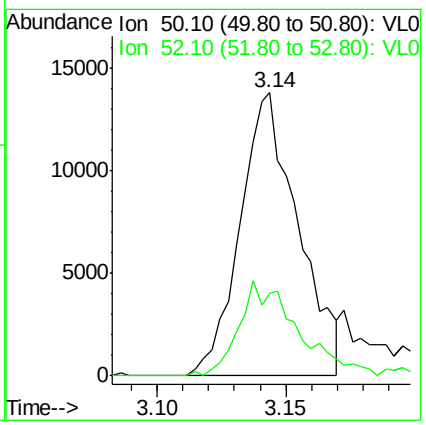


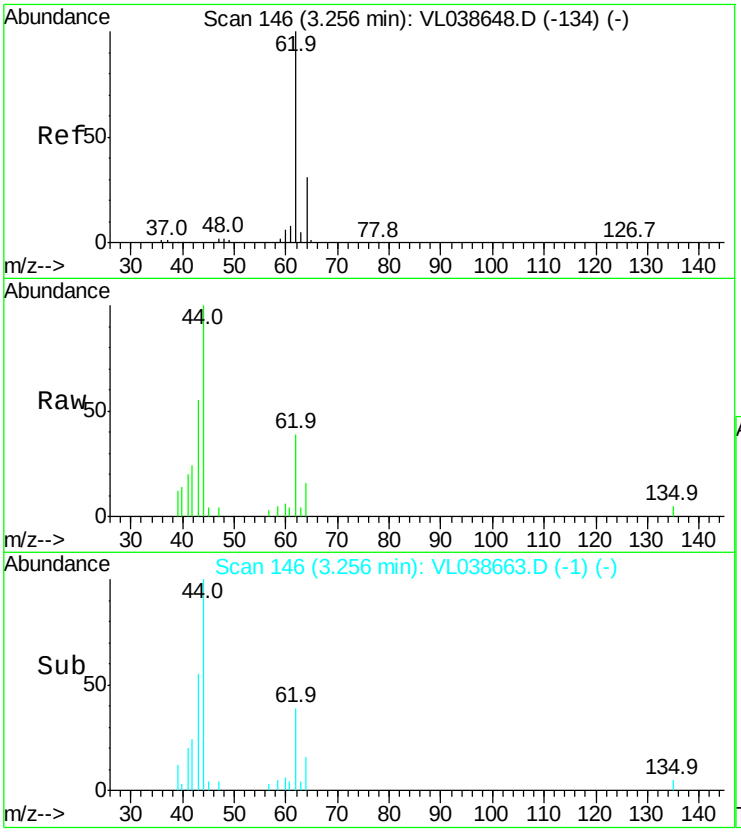


#4
Chloromethane
Concen: 0.47 ppbv
RT: 3.14 min Scan# 111
Delta R.T. 0.01 min
Lab File: VL038663.D
Acq: 21 Mar 2022 23:21

Tgt Ion: 50 Resp: 21731

Ion	Ratio	Lower	Upper
50	100		
52	28.9	25.5	38.3



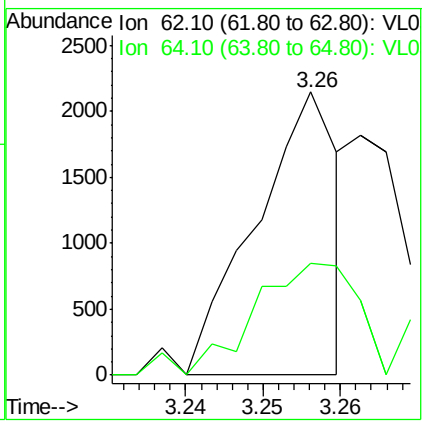


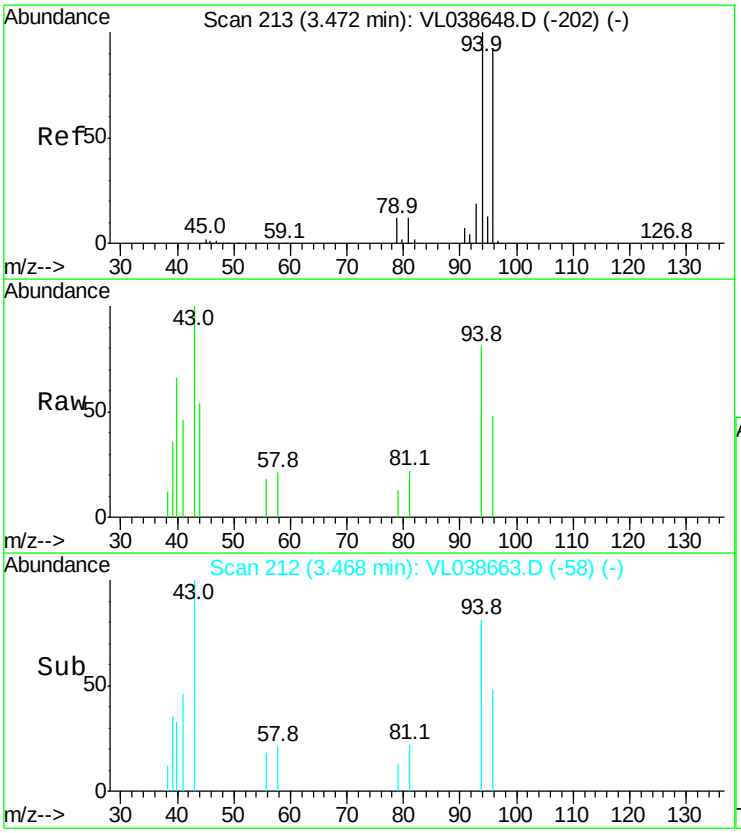
#5
Vinyl Chloride
Concen: 0.03 ppbv
RT: 3.26
Delta R.T
Lab File:
Acq: 21 Mar 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
C0P65

Tgt Ion: 62 Resp: 1590

Ion	Ratio	Lower	Upper
62	100		
64	36.0	25.0	37.4

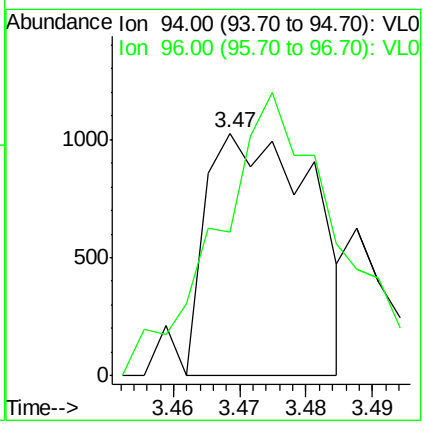


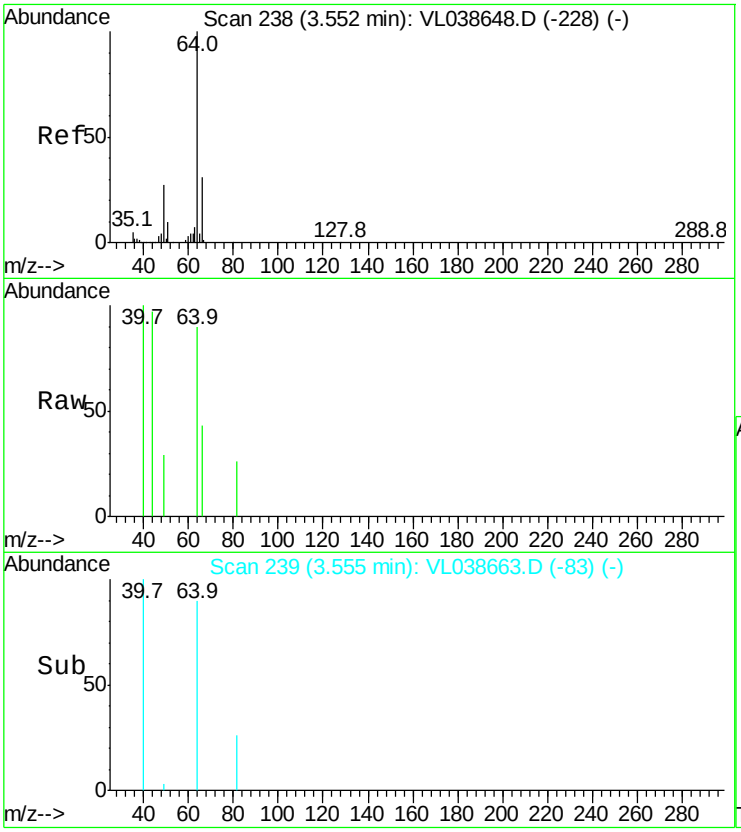


#6
Bromomethane
Concen: 0.05 ppbv
RT: 3.47 min Scan# 212
Delta R.T. -0.00 min
Lab File: VL038663.D
Acq: 21 Mar 2022 23:21

Tgt Ion: 94 Resp: 1139

Ion	Ratio	Lower	Upper
94	100		
96	29.9	73.3	109.9#



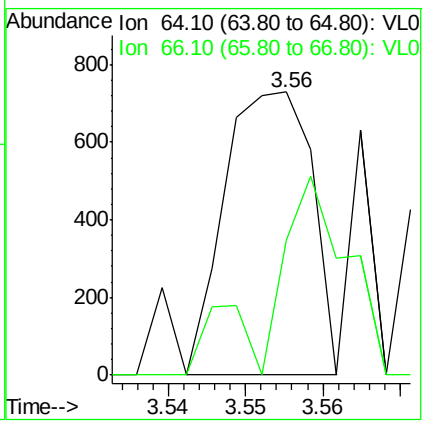


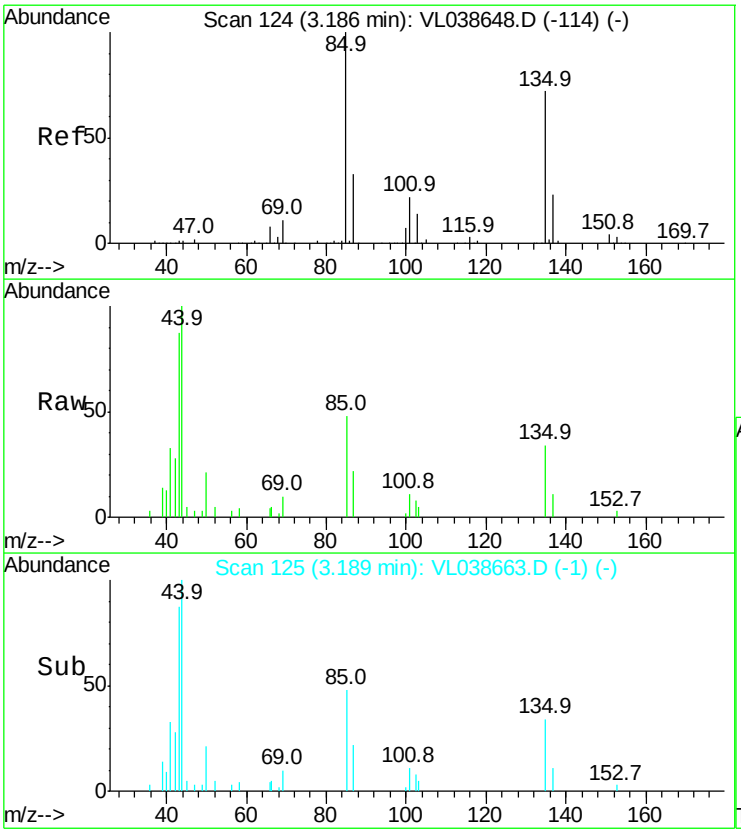
#7
Chloroethane
Concen: 0.04 ppbv
RT: 3.56
Delta R.T
Lab File:
Acq: 21 Mar 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
C0P65

Tgt Ion: 64 Resp: 573

Ion	Ratio	Lower	Upper
64	100		
66	47.7	25.0	37.6#

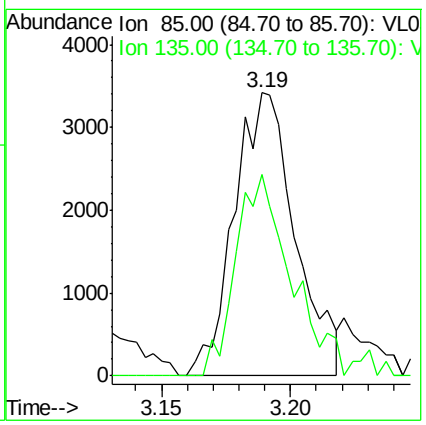


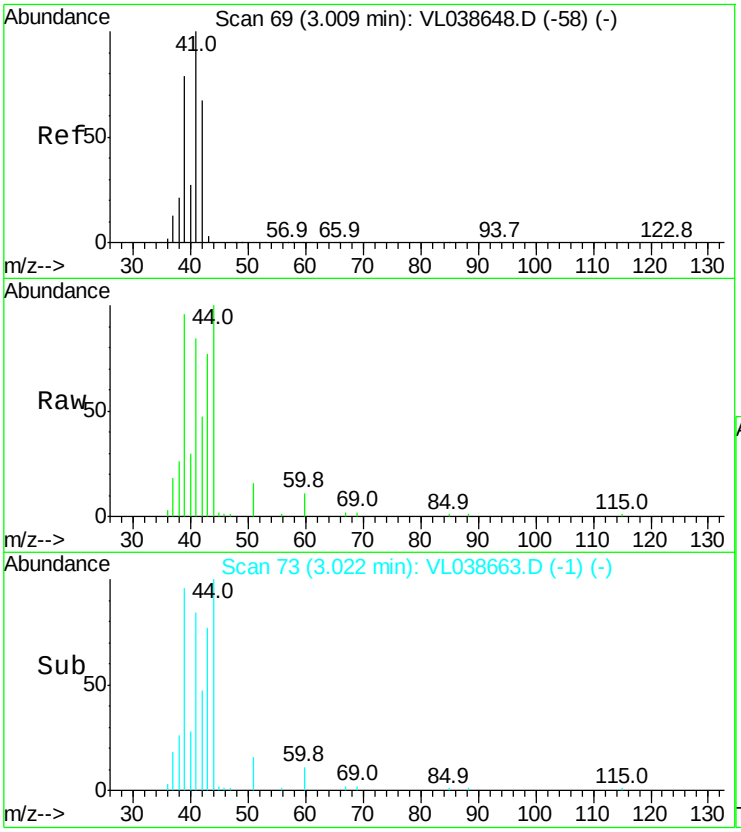


#8
Dichlorotetrafluoroethane
Concen: 0.05 ppbv
RT: 3.19 min Scan# 125
Delta R.T. 0.00 min
Lab File: VL038663.D
Acq: 21 Mar 2022 23:21

Tgt Ion: 85 Resp: 5661

Ion	Ratio	Lower	Upper
85	100		
135	67.1	57.8	86.6



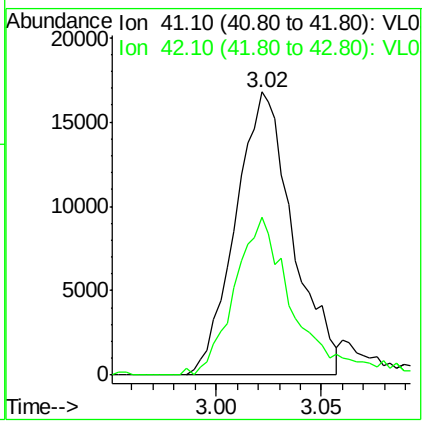


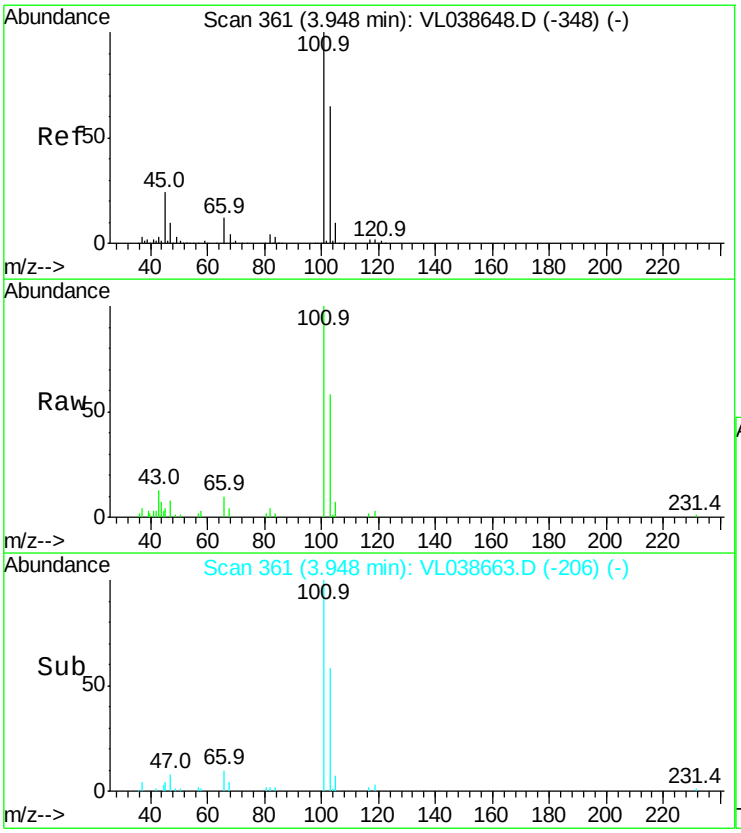
#9
Propene
Concen: 0.78 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 21 Mar 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
C0P65

Tgt Ion: 41 Resp: 31743

Ion	Ratio	Lower	Upper
41	100		
42	58.0	56.2	84.4

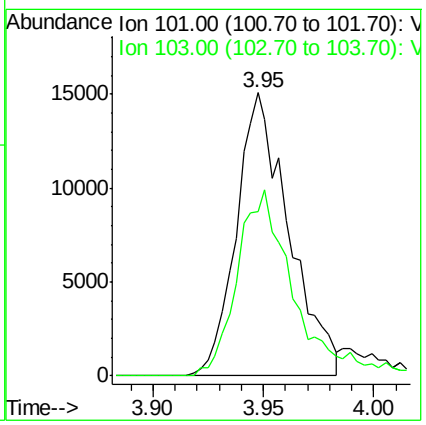


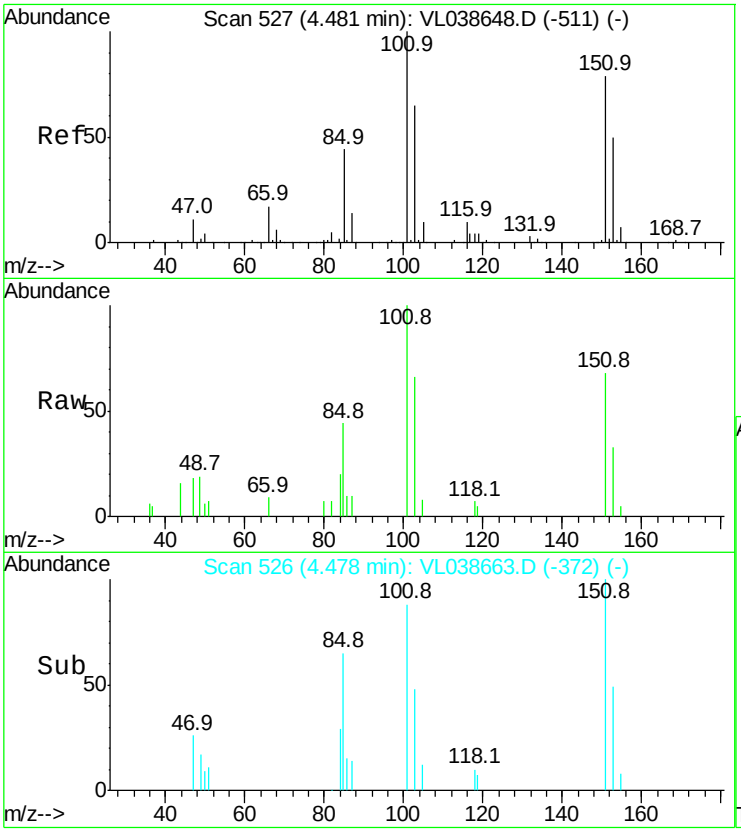


#11
Trichlorofluoromethane
Concen: 0.26 ppbv
RT: 3.95 min Scan# 361
Delta R.T. -0.00 min
Lab File: VL038663.D
Acq: 21 Mar 2022 23:21

Tgt Ion:101 Resp: 24929

Ion	Ratio	Lower	Upper
101	100		
103	58.0	51.9	77.9



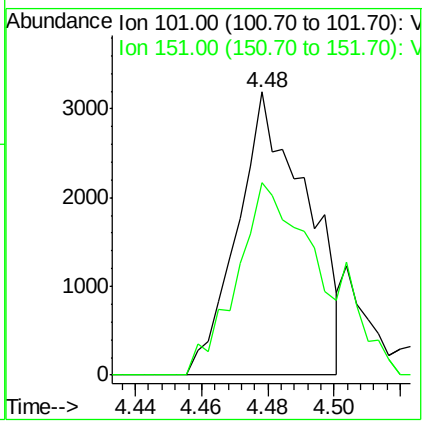


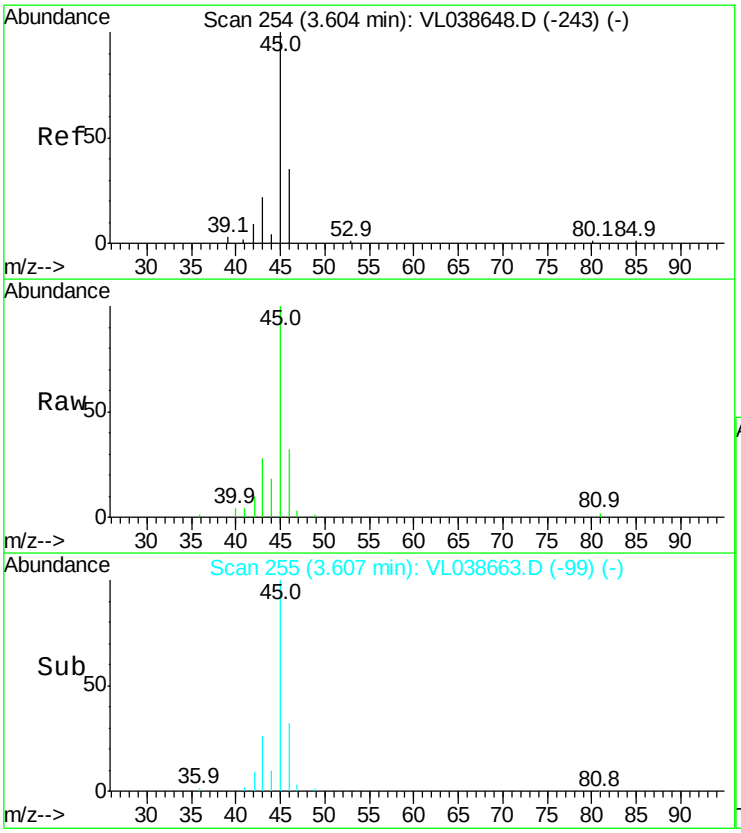
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.06 ppbv
RT: 4.48
Delta R.T
Lab File:
Acq: 21 Mar 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
C0P65

Tgt Ion:101 Resp: 4633

Ion	Ratio	Lower	Upper
101	100		
151	84.9	62.9	94.3

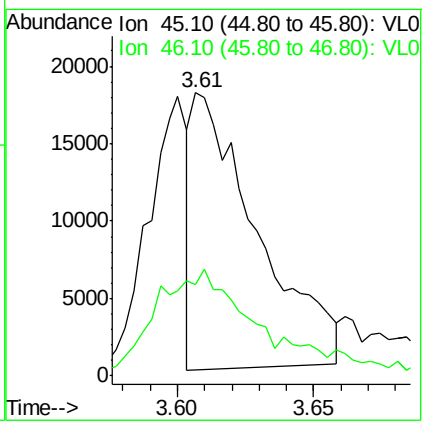


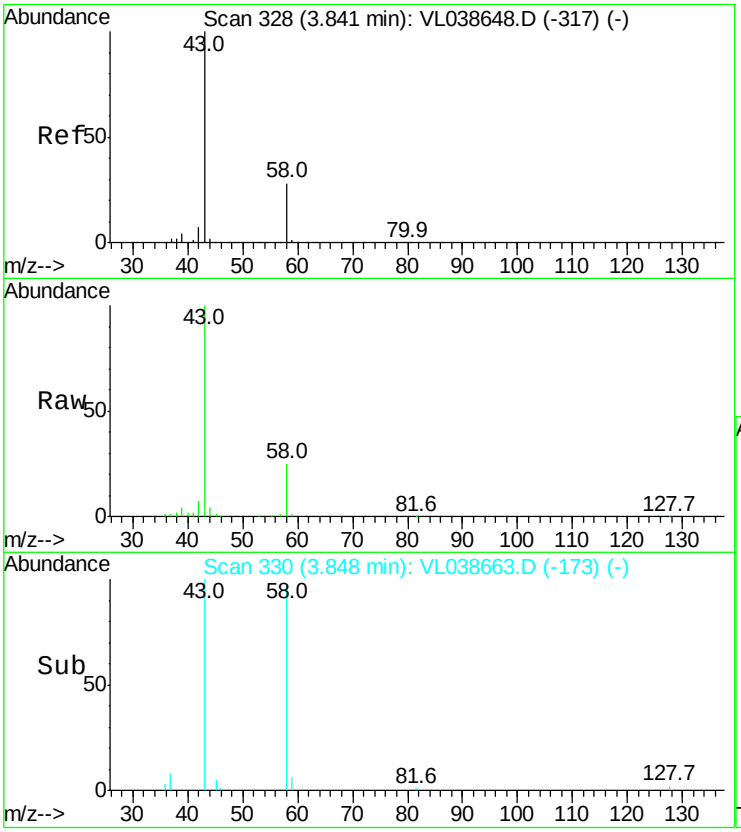


#13
Ethanol
Concen: 6.54 ppbv
RT: 3.61 min Scan# 255
Delta R.T. 0.00 min
Lab File: VL038663.D
Acq: 21 Mar 2022 23:21

Tgt Ion: 45 Resp: 29413

Ion	Ratio	Lower	Upper
45	100		
46	69.9	15.1	60.5#



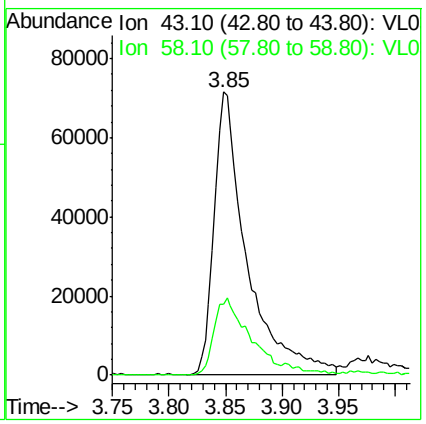


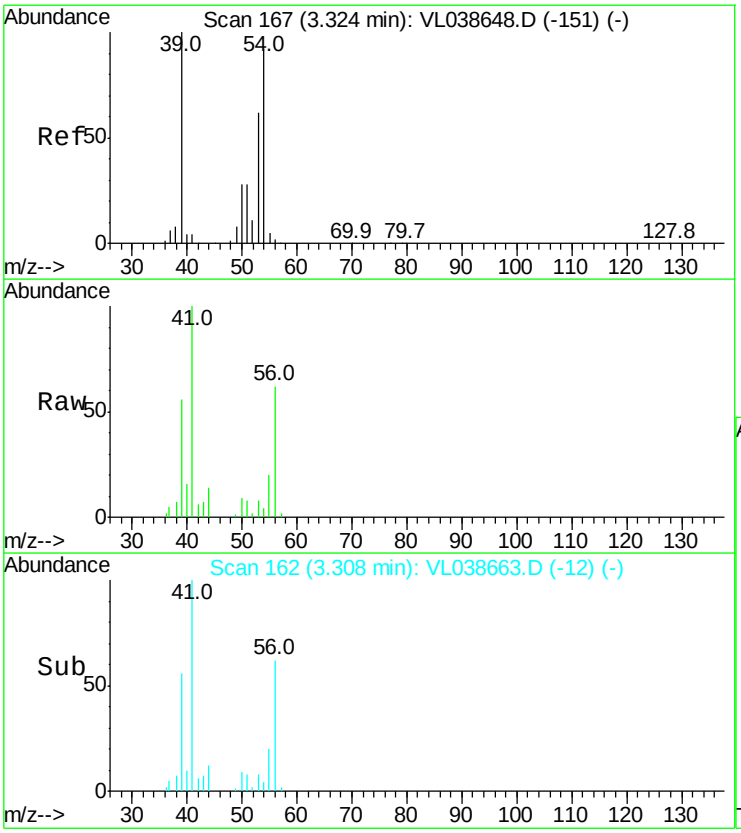
#15
Acetone
Concen: 2.10 ppbv
RT: 3.85
Delta R.T
Lab File:
Acq: 21 Mar 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
C0P65

Tgt Ion: 43 Resp: 145227

Ion	Ratio	Lower	Upper
43	100		
58	31.7	23.3	34.9

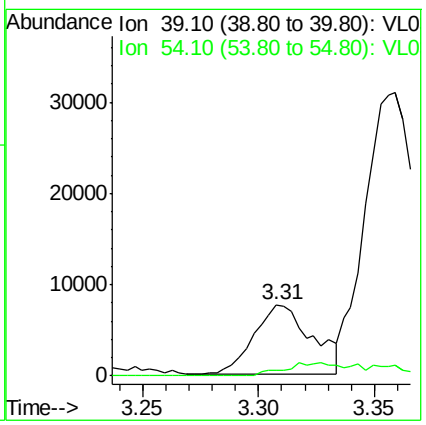


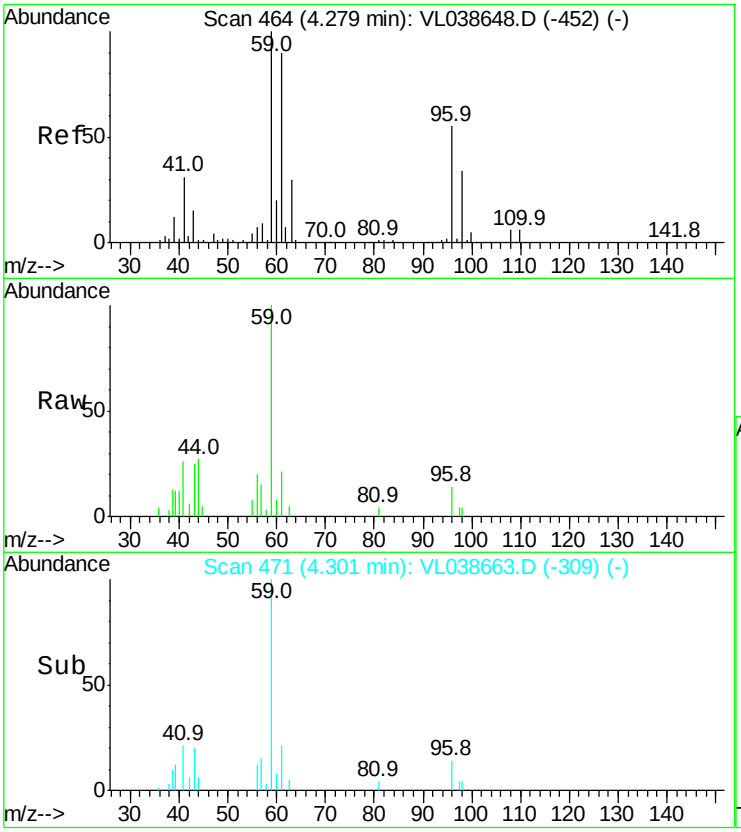


#16
1,3-Butadiene
Concen: 0.34 ppbv
RT: 3.31 min Scan# 162
Delta R.T. -0.02 min
Lab File: VL038663.D
Acq: 21 Mar 2022 23:21

Tgt Ion: 39 Resp: 13263

Ion	Ratio	Lower	Upper
39	100		
54	36.0	69.1	103.7#



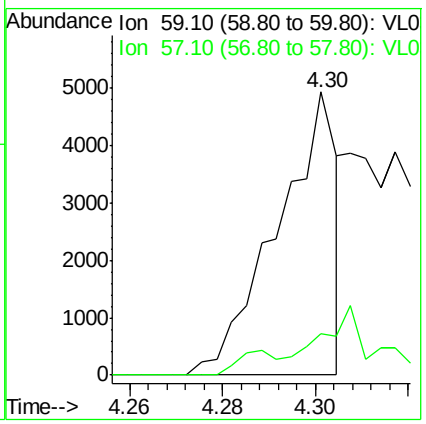


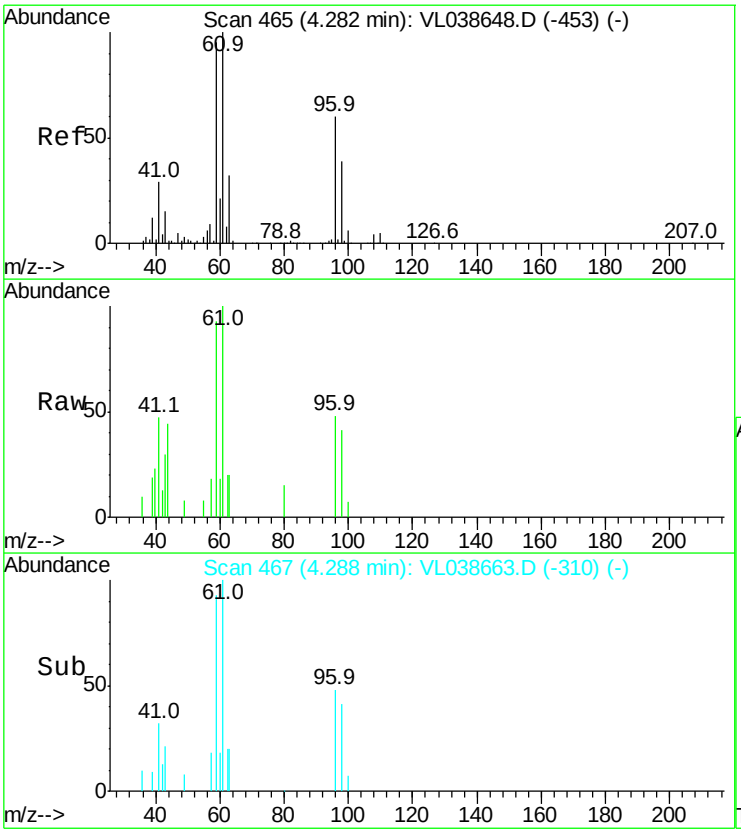
#17
tert-Butyl alcohol
Concen: 0.07 ppbv
RT: 4.30
Delta R.T
Lab File:
Acq: 21 Mar 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
C0P65

Tgt Ion: 59 Resp: 4418

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.2#

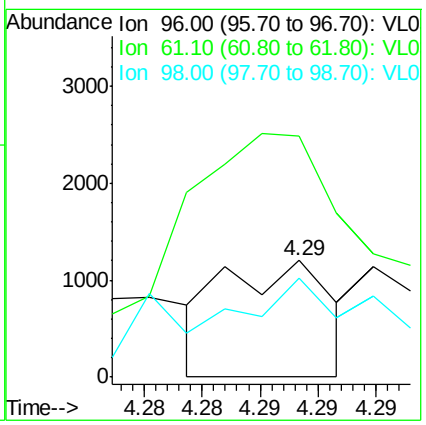


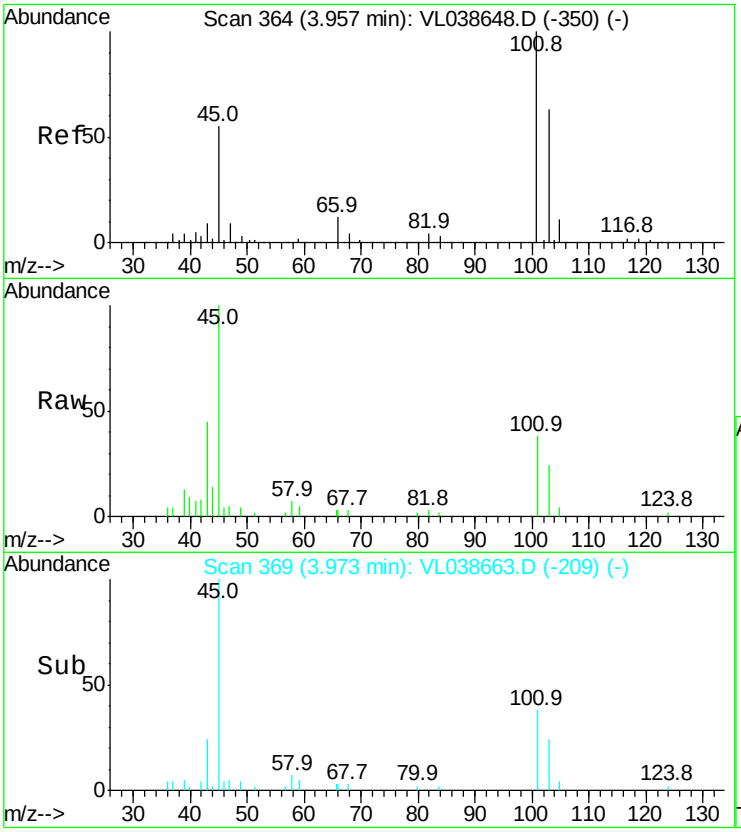


#18
1,1-Dichloroethene
Concen: 0.02 ppbv
RT: 4.29 min Scan# 467
Delta R.T. 0.01 min
Lab File: VL038663.D
Acq: 21 Mar 2022 23:21

Tgt Ion: 96 Resp: 765

Ion	Ratio	Lower	Upper
96	100		
61	173.6	132.4	198.6
98	125.3	51.6	77.4#



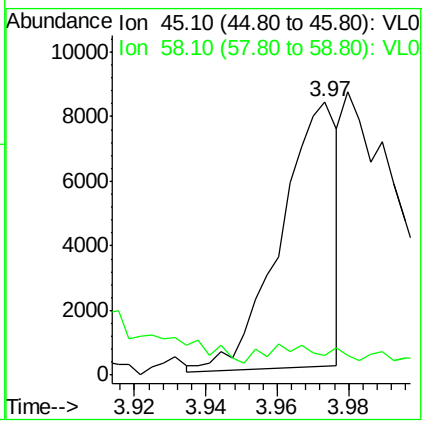


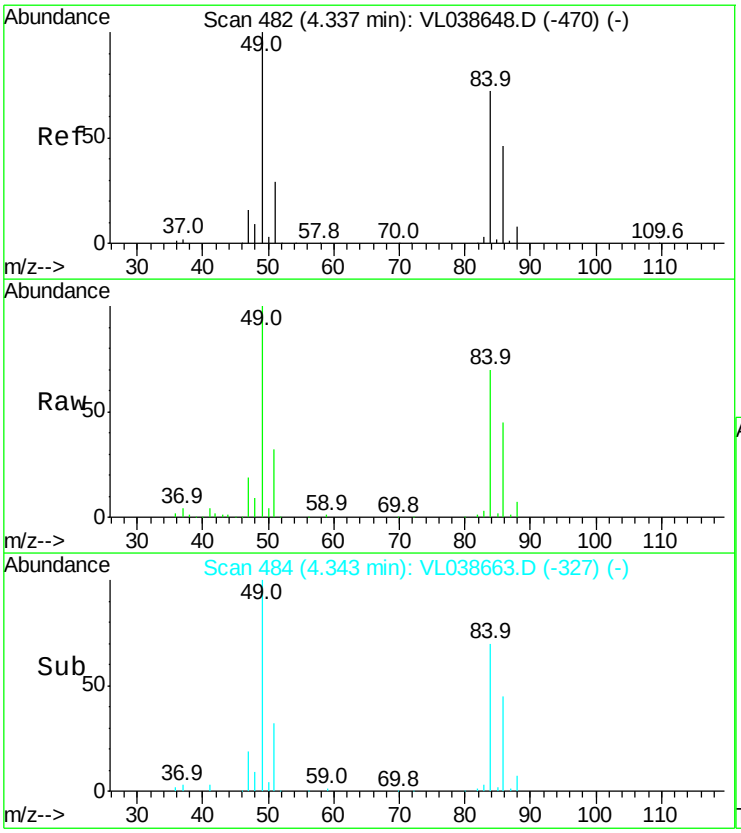
#19
Isopropyl Alcohol
Concen: 0.24 ppbv
RT: 3.97
Delta R.T
Lab File:
Acq: 21 Mar 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
C0P65

Tgt Ion: 45 Resp: 9067

Ion	Ratio	Lower	Upper
45	100		
58	34.5	2.3	3.5#

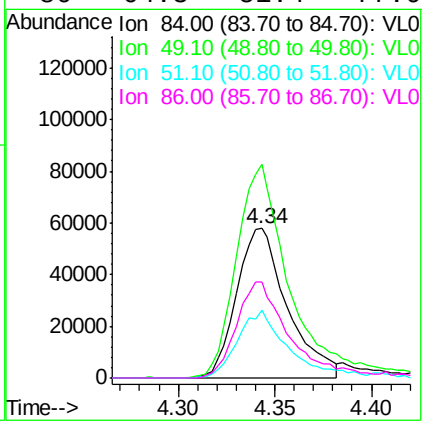


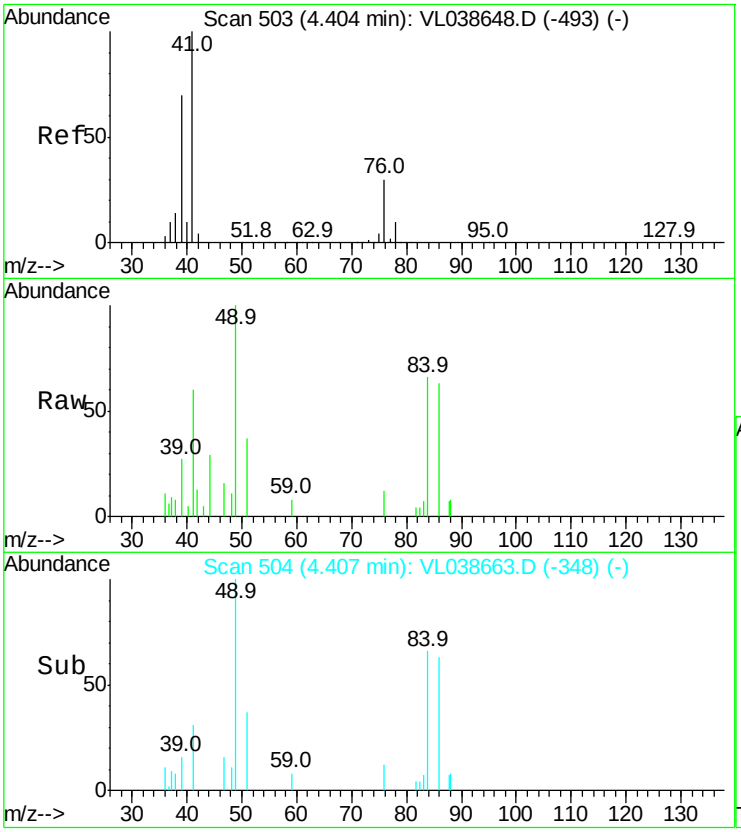


#20
Methylene Chloride
Concen: 3.64 ppbv
RT: 4.34 min Scan# 484
Delta R.T. 0.01 min
Lab File: VL038663.D
Acq: 21 Mar 2022 23:21

Tgt Ion: 84 Resp: 105909

Ion	Ratio	Lower	Upper
84	100		
49	142.4	111.2	166.8
51	45.0	32.8	49.2
86	64.3	51.4	77.0



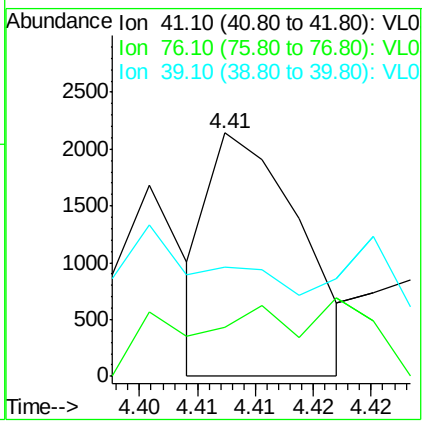


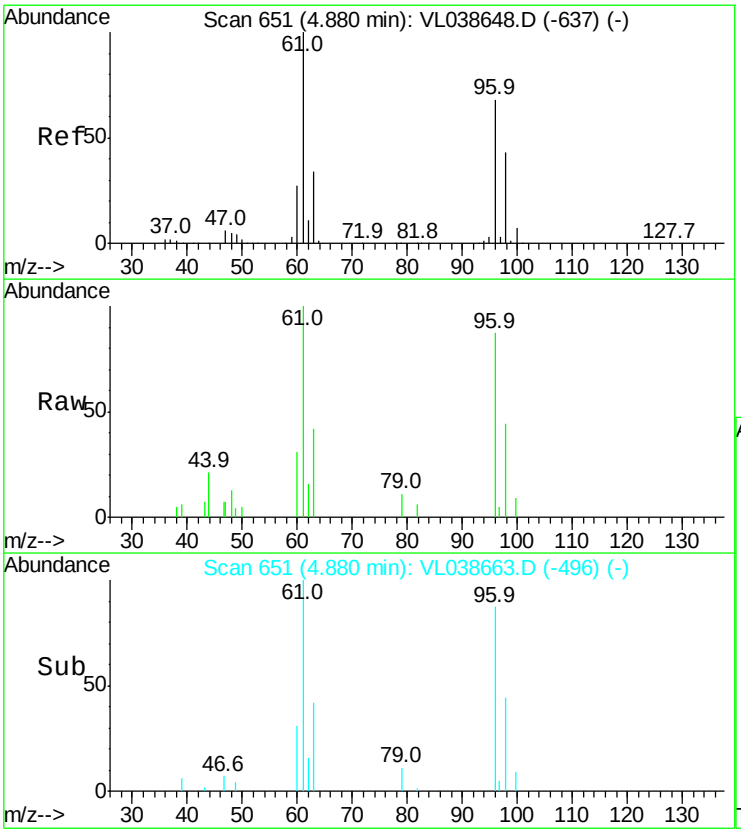
#21
Allyl Chloride
Concen: 0.02 ppbv
RT: 4.41
Delta R.T
Lab File:
Acq: 21 Mar 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
C0P65

Tgt Ion: 41 Resp: 1174

Ion	Ratio	Lower	Upper
41	100		
76	0.0	25.0	37.6#
39	0.0	56.6	85.0#

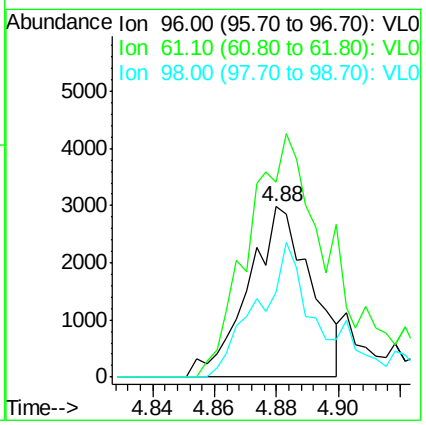


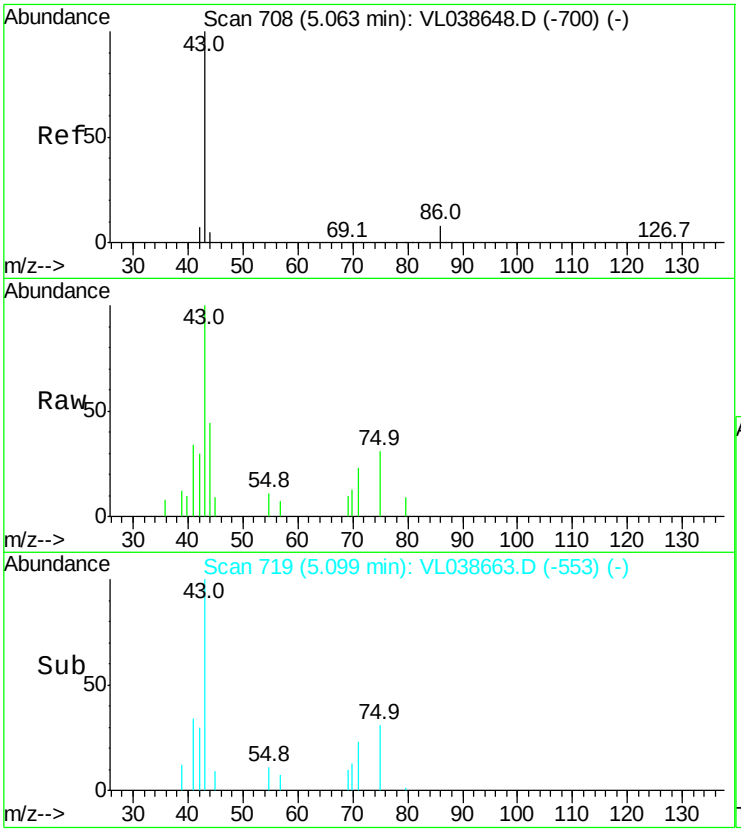


#22
trans-1,2-Dichloroethene
Concen: 0.12 ppbv
RT: 4.88 min Scan# 651
Delta R.T. -0.00 min
Lab File: VL038663.D
Acq: 21 Mar 2022 23:21

Tgt Ion: 96 Resp: 4208

Ion	Ratio	Lower	Upper
96	100		
61	108.0	118.3	177.5#
98	47.2	51.3	76.9#



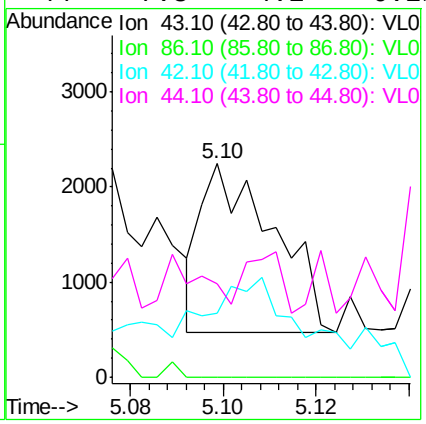


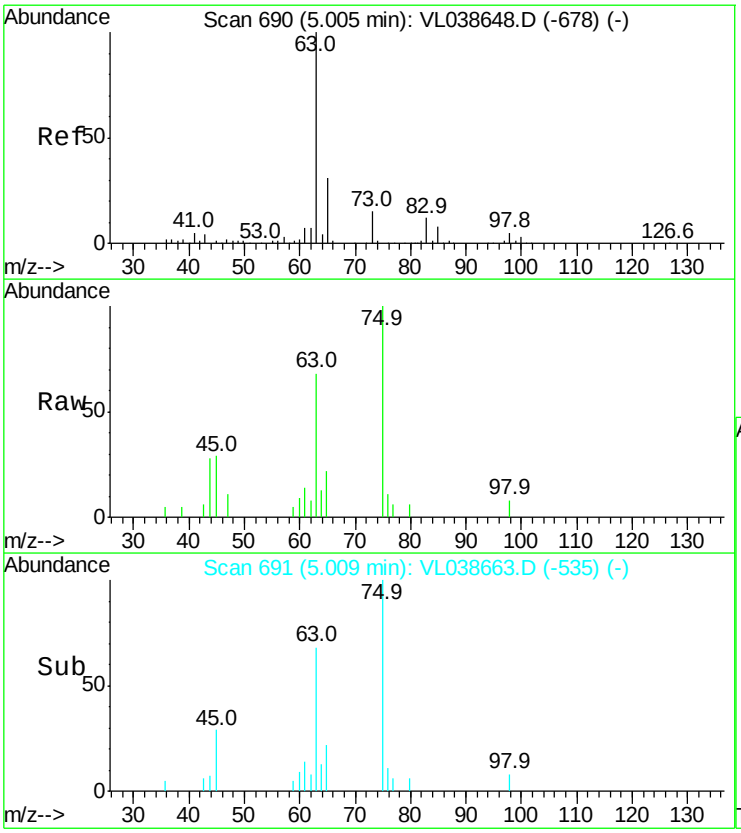
#23
Vinyl Acetate
Concen: 0.03 ppbv
RT: 5.10
Delta R.T
Lab File:
Acq: 21 Mar 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
C0P65

Tgt Ion: 43 Resp: 1914

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.6	8.4#
42	11.2	6.8	10.2#
44	7.3	4.2	6.2#

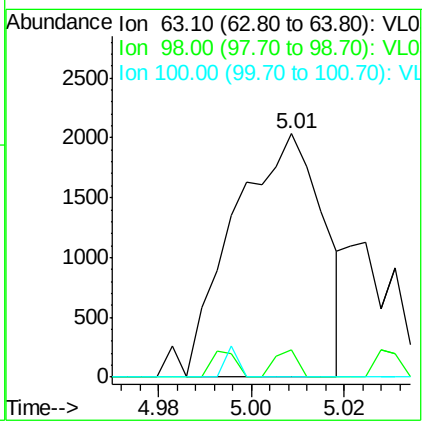


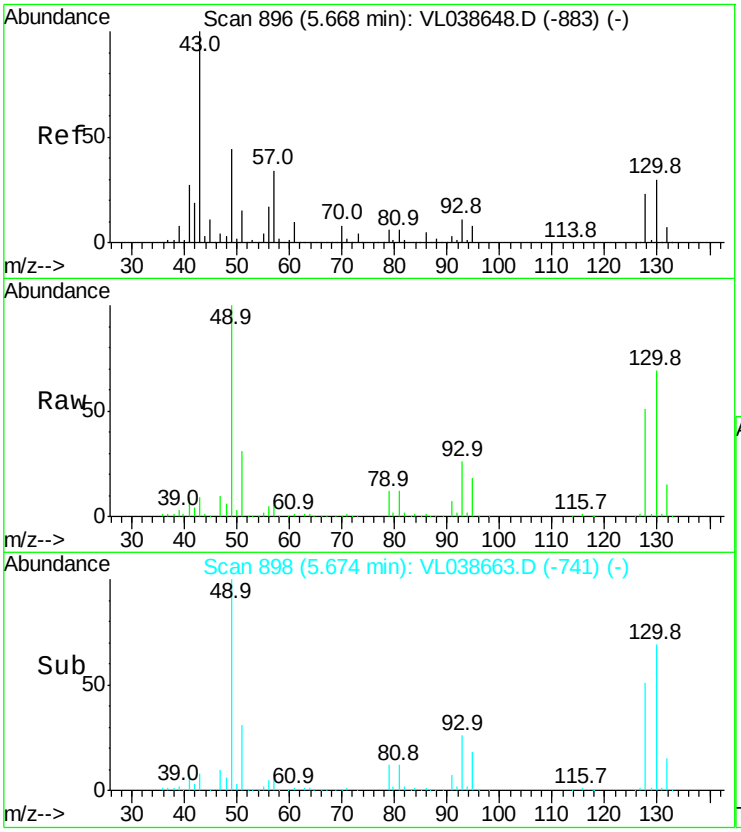


#24
1,1-Dichloroethane
Concen: 0.04 ppbv
RT: 5.01 min Scan# 691
Delta R.T. 0.00 min
Lab File: VL038663.D
Acq: 21 Mar 2022 23:21

Tgt Ion: 63 Resp: 2712

Ion	Ratio	Lower	Upper
63	100		
98	11.2	2.5	7.5#
100	0.0	1.4	4.2#



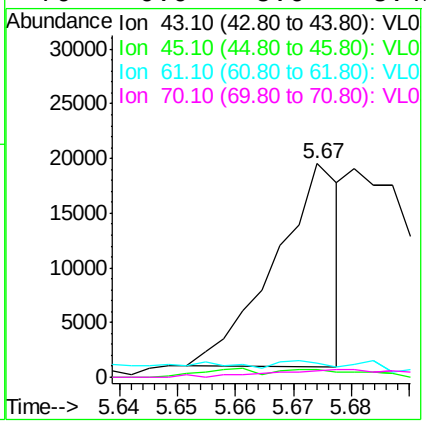


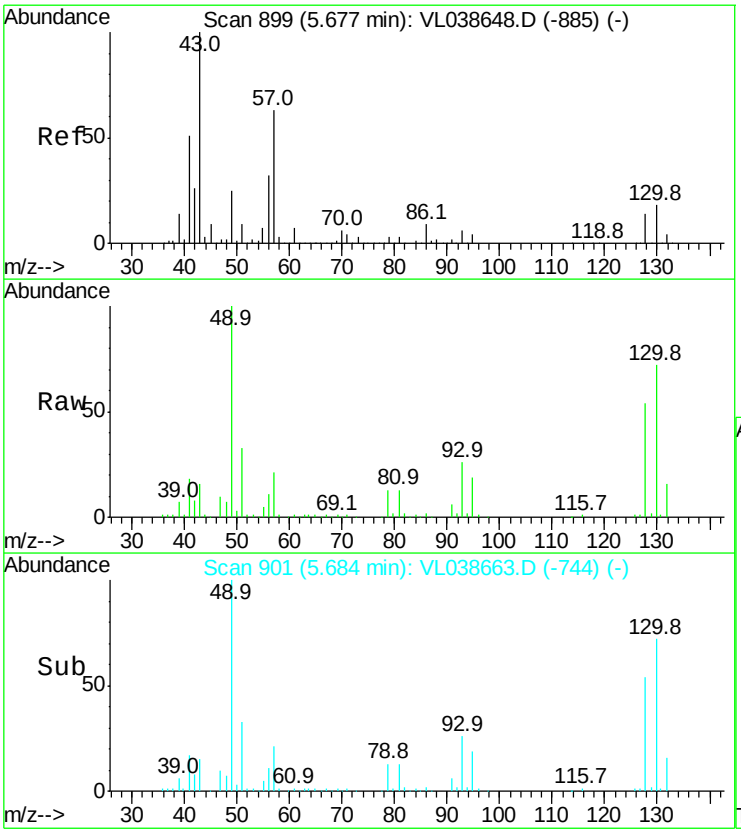
#25
Ethyl Acetate
Concen: 0.08 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 21 Mar 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
C0P65

Tgt Ion: 43 Resp: 14505

Ion	Ratio	Lower	Upper
43	100		
45	11.1	8.2	12.4
61	0.0	8.3	12.5#
70	0.0	5.6	8.4#

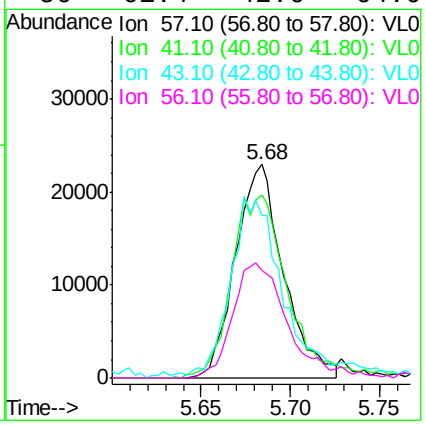


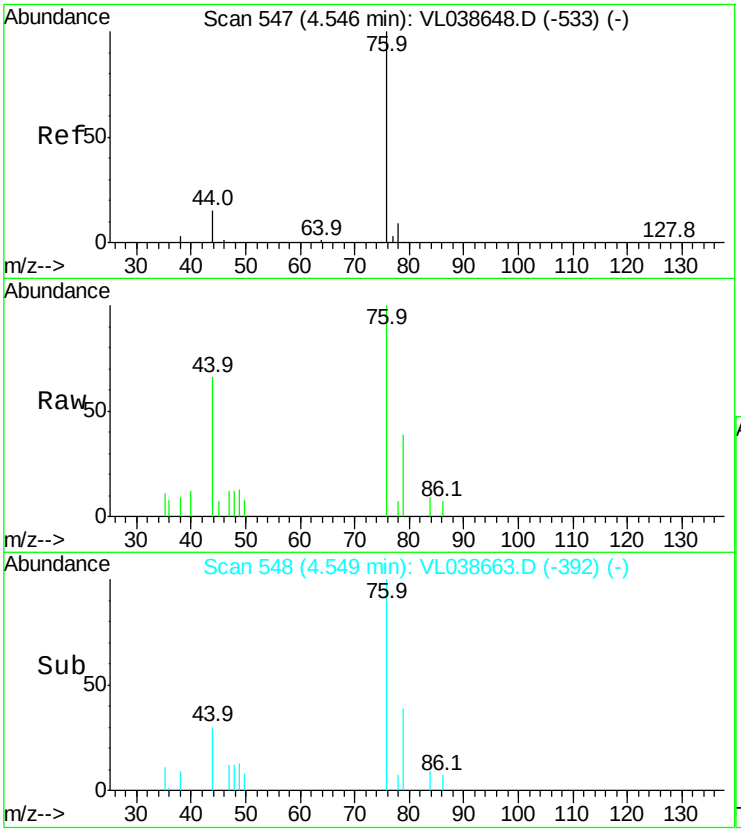


#26
Hexane
Concen: 0.56 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.01 min
Lab File: VL038663.D
Acq: 21 Mar 2022 23:21

Tgt Ion: 57 Resp: 43271

Ion	Ratio	Lower	Upper
57	100		
41	101.8	67.0	100.4#
43	94.7	184.2	276.2#
56	61.4	42.6	64.0



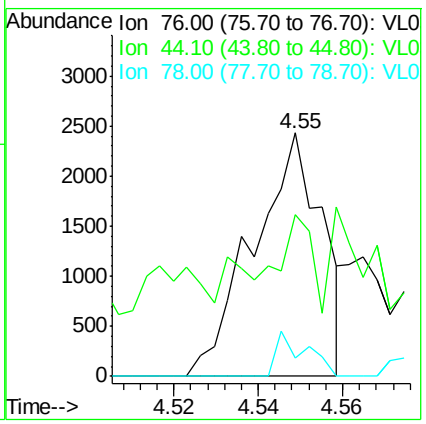


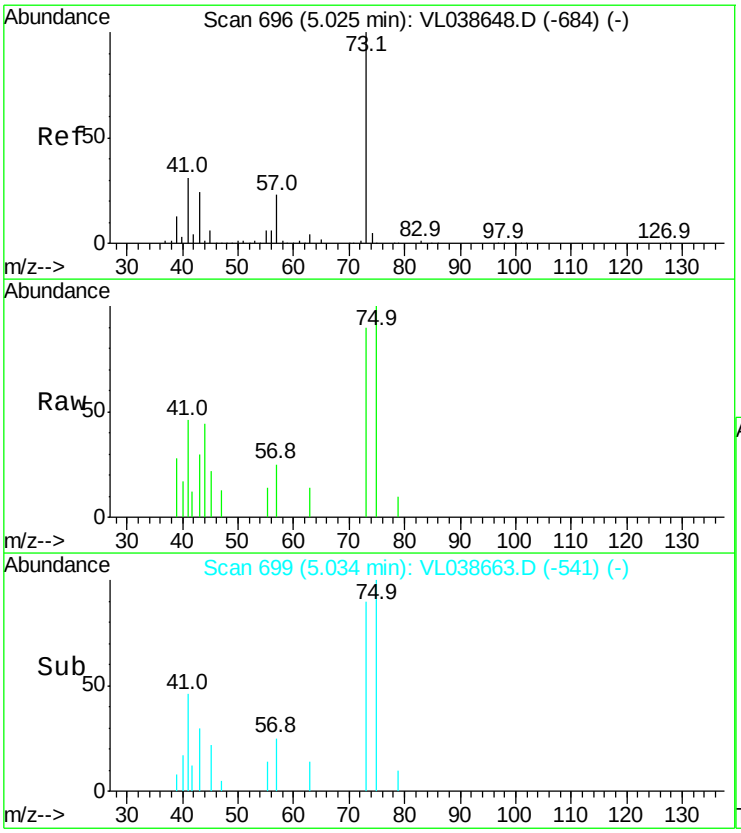
#27
Carbon Disulfide
Concen: 0.04 ppbv
RT: 4.55
Delta R.T
Lab File:
Acq: 21 Mar 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
C0P65

Tgt Ion: 76 Resp: 2752

Ion	Ratio	Lower	Upper
76	100		
44	17.6	12.4	18.6
78	7.9	7.8	11.8

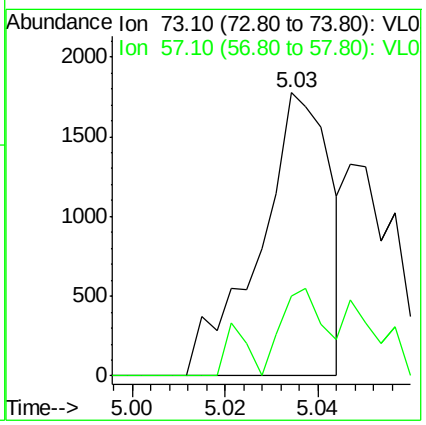


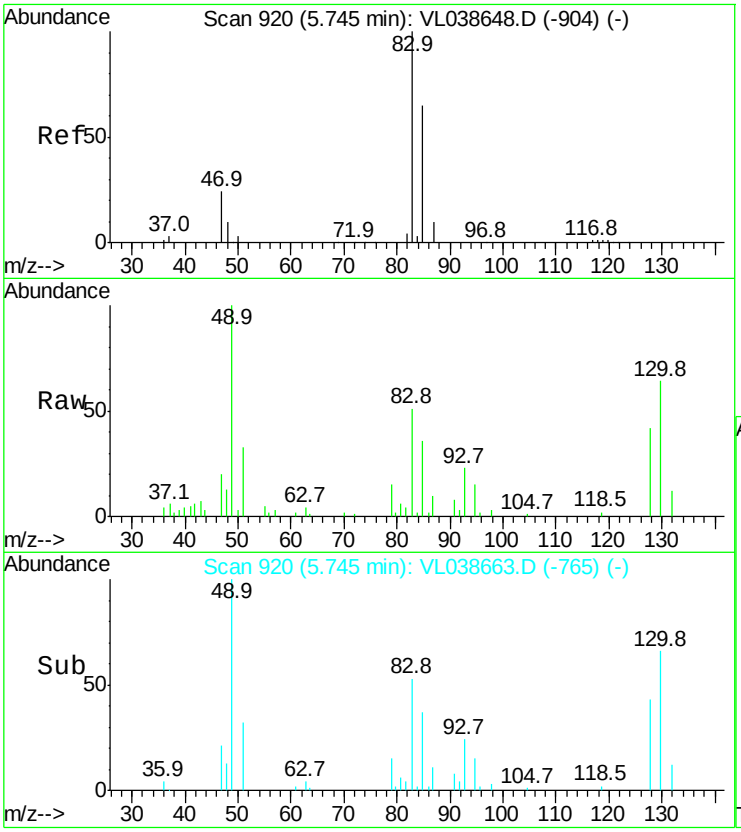


#28
Methyl tert-Butyl Ether
Concen: 0.03 ppbv
RT: 5.03 min Scan# 699
Delta R.T. 0.01 min
Lab File: VL038663.D
Acq: 21 Mar 2022 23:21

Tgt Ion: 73 Resp: 1900

Ion	Ratio	Lower	Upper
73	100		
57	41.1	19.2	28.8#



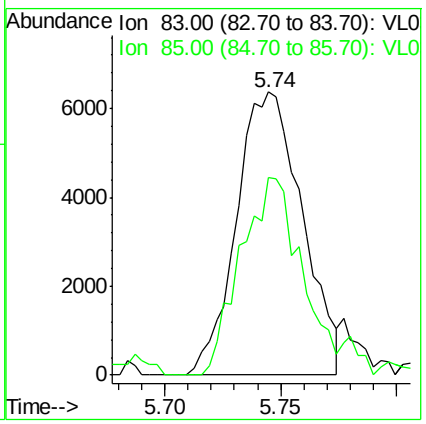


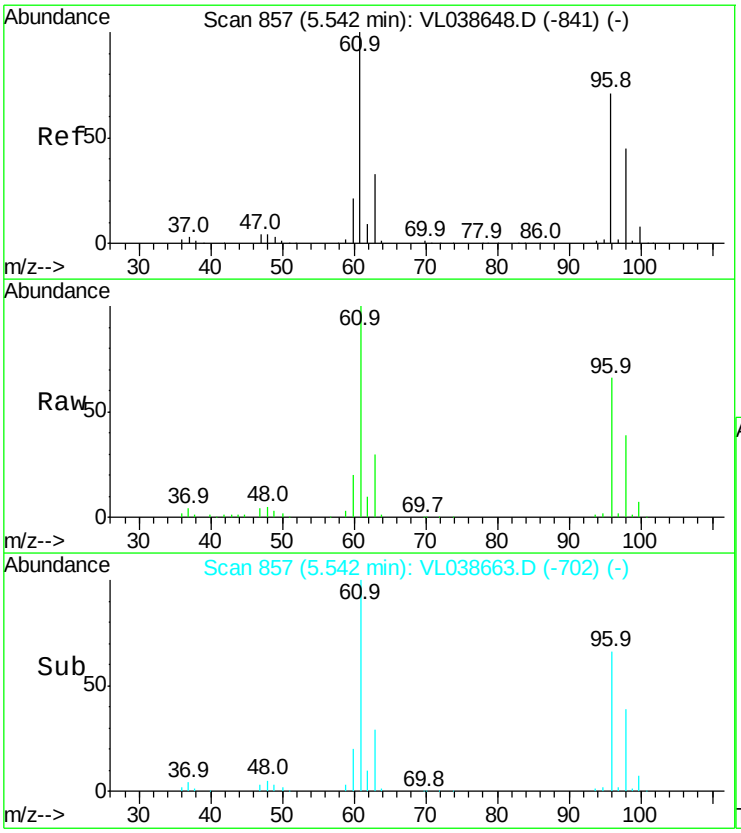
#29
Chloroform
Concen: 0.10 ppbv
RT: 5.74
Delta R.T
Lab File:
Acq: 21 Mar 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
C0P65

Tgt Ion: 83 Resp: 12532

Ion	Ratio	Lower	Upper
83	100		
85	70.0	51.7	77.5

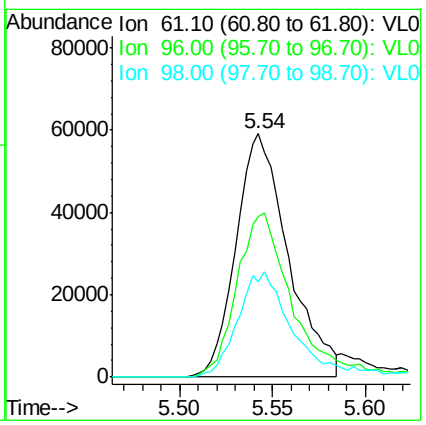


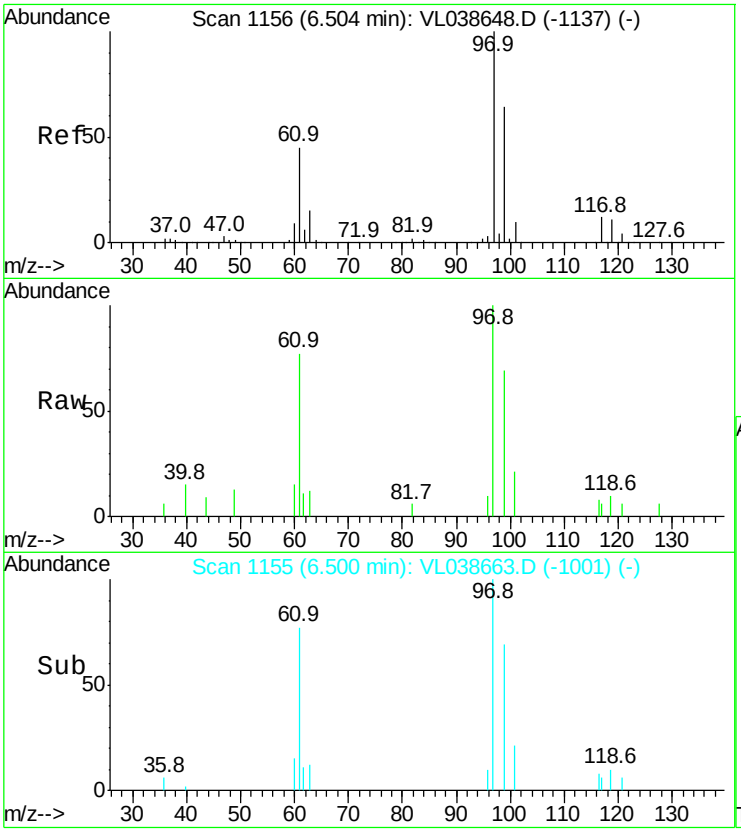


#31
cis-1,2-Dichloroethene
Concen: 1.58 ppbv
RT: 5.54 min Scan# 857
Delta R.T. -0.00 min
Lab File: VL038663.D
Acq: 21 Mar 2022 23:21

Tgt Ion: 61 Resp: 115763

Ion	Ratio	Lower	Upper
61	100		
96	65.8	56.6	84.8
98	39.1	36.3	54.5



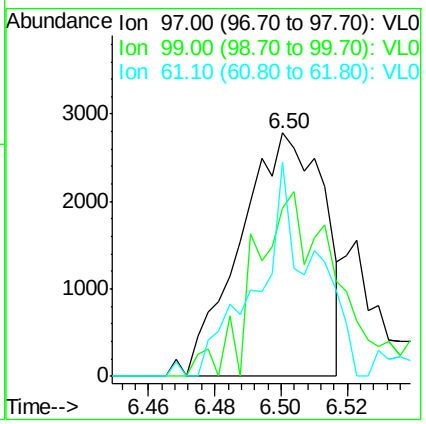


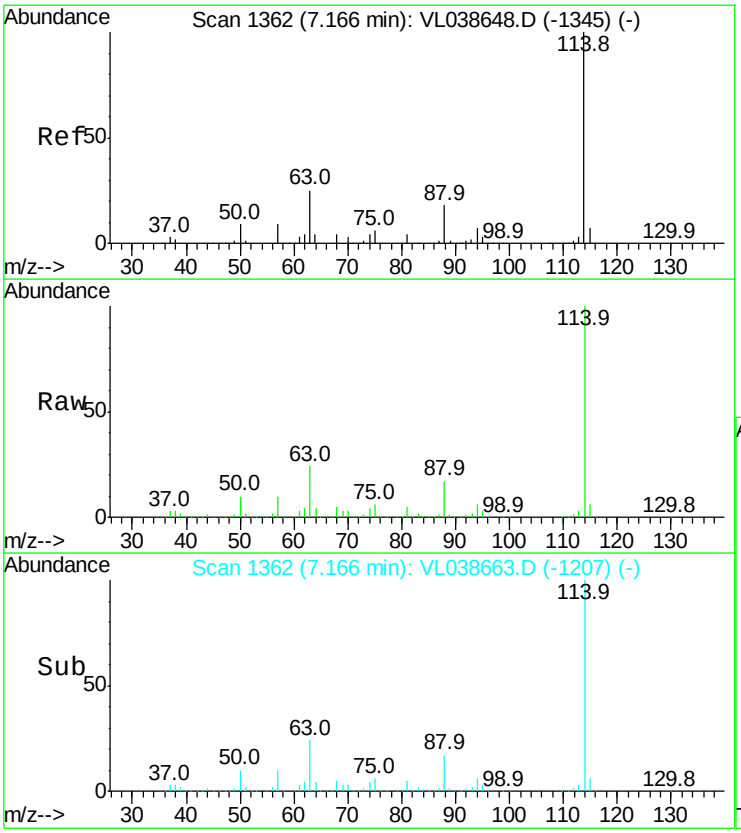
#32
1,1,1-Trichloroethane
Concen: 0.04 ppbv
RT: 6.50
Delta R.T
Lab File:
Acq: 21 Mar 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
C0P65

Tgt Ion: 97 Resp: 4872

Ion	Ratio	Lower	Upper
97	100		
99	77.2	51.8	77.8
61	64.8	36.7	55.1#

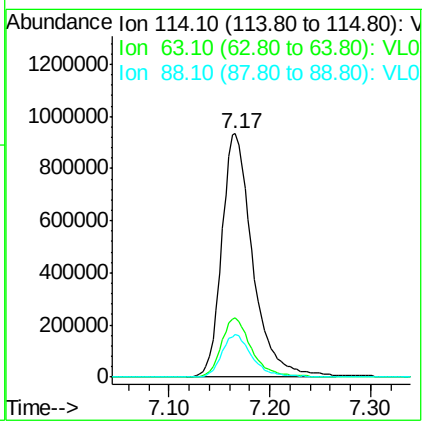


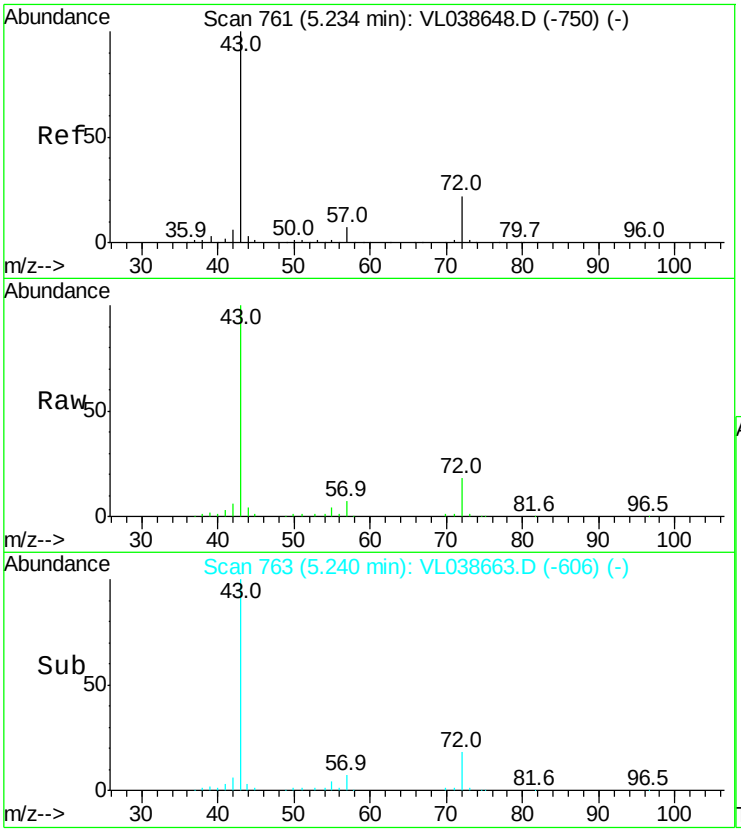


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VL038663.D
Acq: 21 Mar 2022 23:21

Tgt Ion:114 Resp: 1999431

Ion	Ratio	Lower	Upper
114	100		
63	24.1	19.4	29.0
88	17.5	13.9	20.9



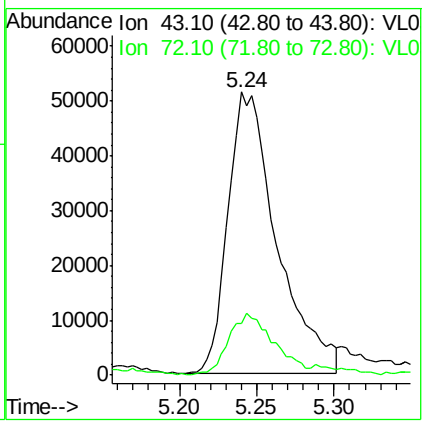


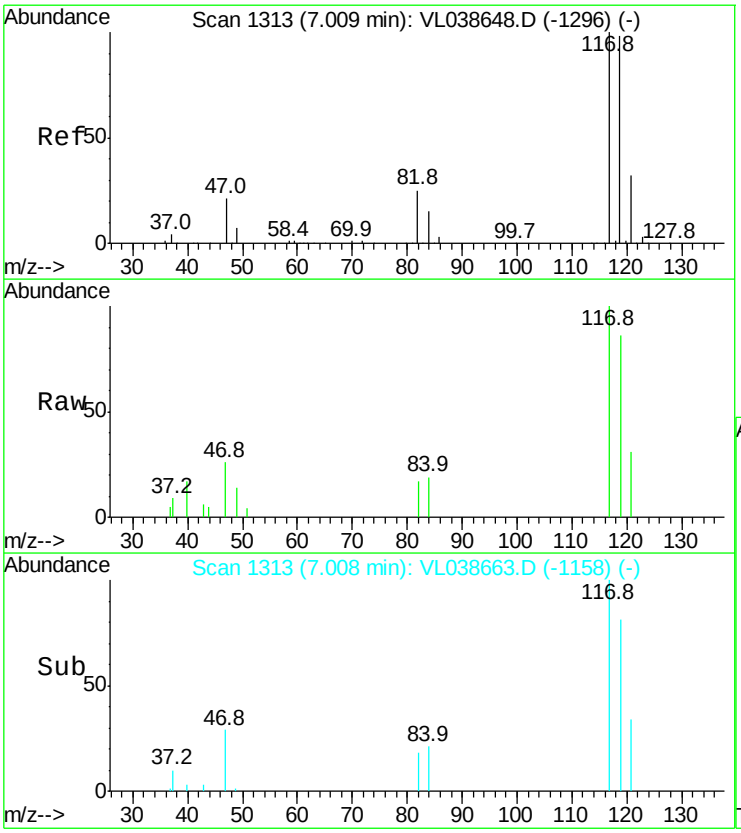
#34
2-Butanone
Concen: 1.43 ppbv
RT: 5.24
Delta R.T
Lab File:
Acq: 21 Mar 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
C0P65

Tgt Ion: 43 Resp: 113453

Ion	Ratio	Lower	Upper
43	100		
72	22.6	17.8	26.8

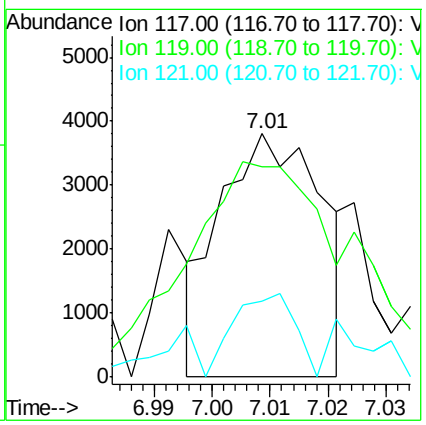


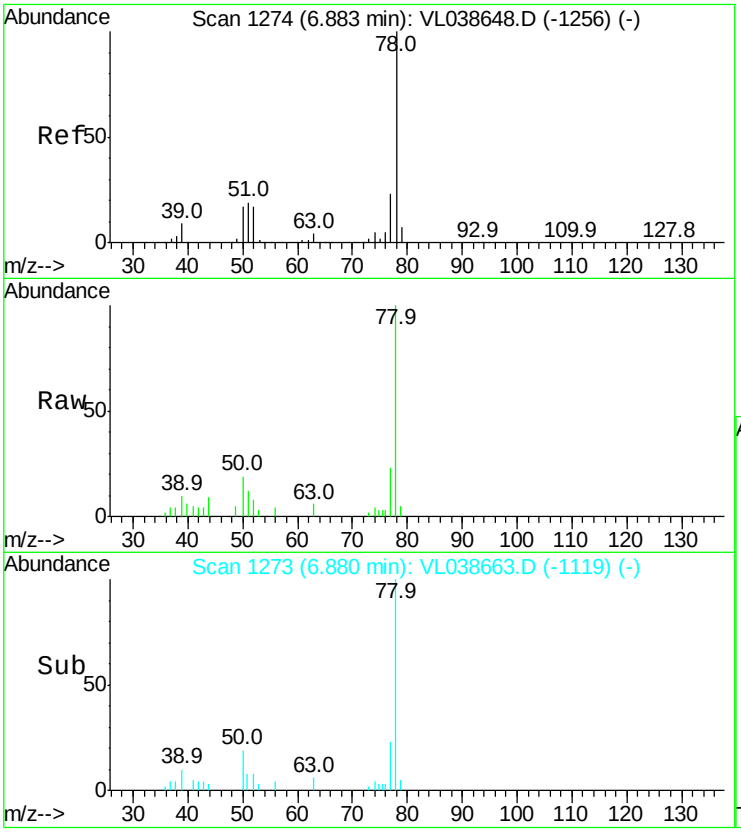


#35
Carbon Tetrachloride
Concen: 0.04 ppbv
RT: 7.01 min Scan# 1313
Delta R.T. -0.00 min
Lab File: VL038663.D
Acq: 21 Mar 2022 23:21

Tgt Ion:117 Resp: 4651

Ion	Ratio	Lower	Upper
117	100		
119	76.7	78.1	117.1#
121	18.8	25.8	38.6#



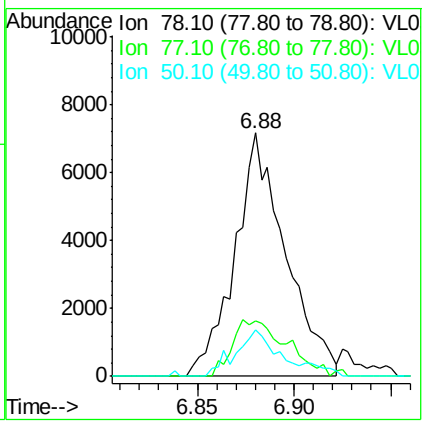


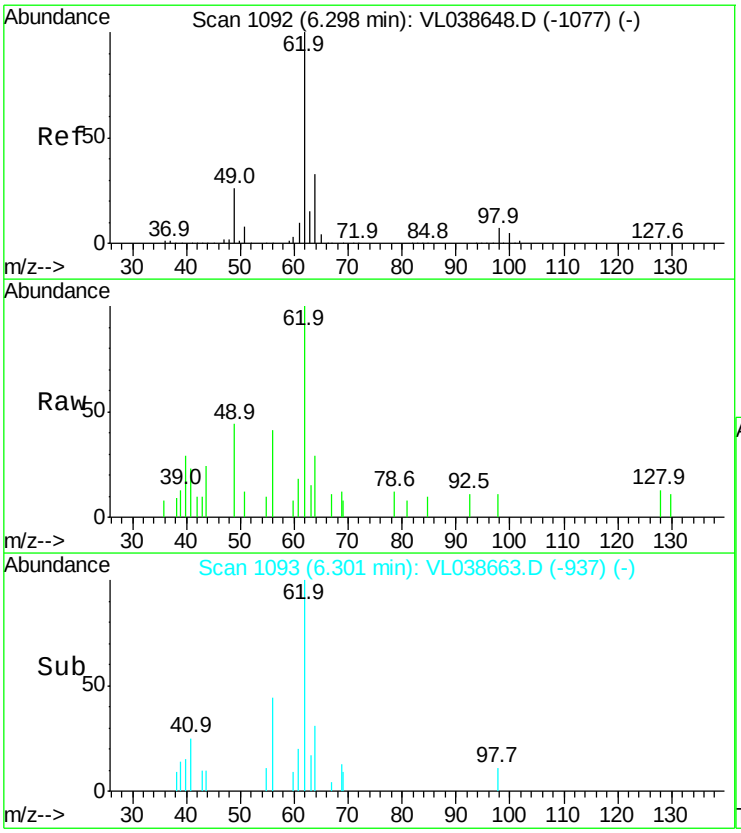
#36
Benzene
Concen: 0.08 ppbv
RT: 6.88
Delta R.T
Lab File:
Acq: 21 Mar 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
C0P65

Tgt Ion: 78 Resp: 13091

Ion	Ratio	Lower	Upper
78	100		
77	21.9	18.1	27.1
50	16.1	13.6	20.4

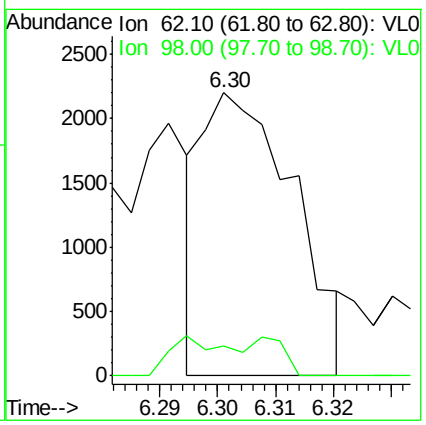


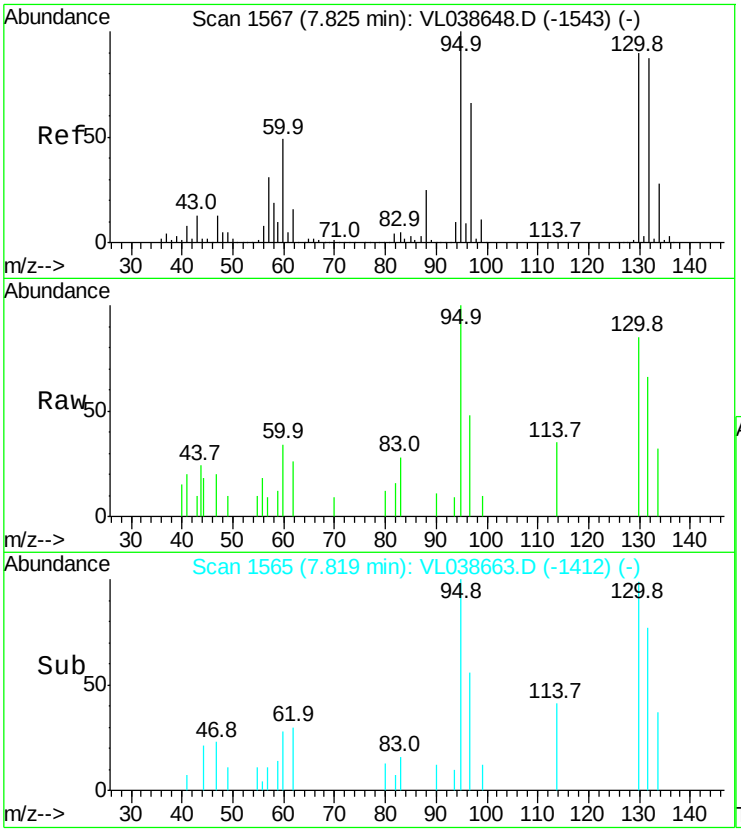


#37
1,2-Dichloroethane
Concen: 0.03 ppbv
RT: 6.30 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VL038663.D
Acq: 21 Mar 2022 23:21

Tgt Ion: 62 Resp: 2421

Ion	Ratio	Lower	Upper
62	100		
98	0.0	5.6	8.4#



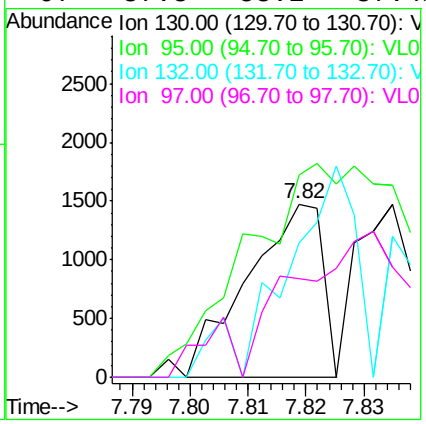


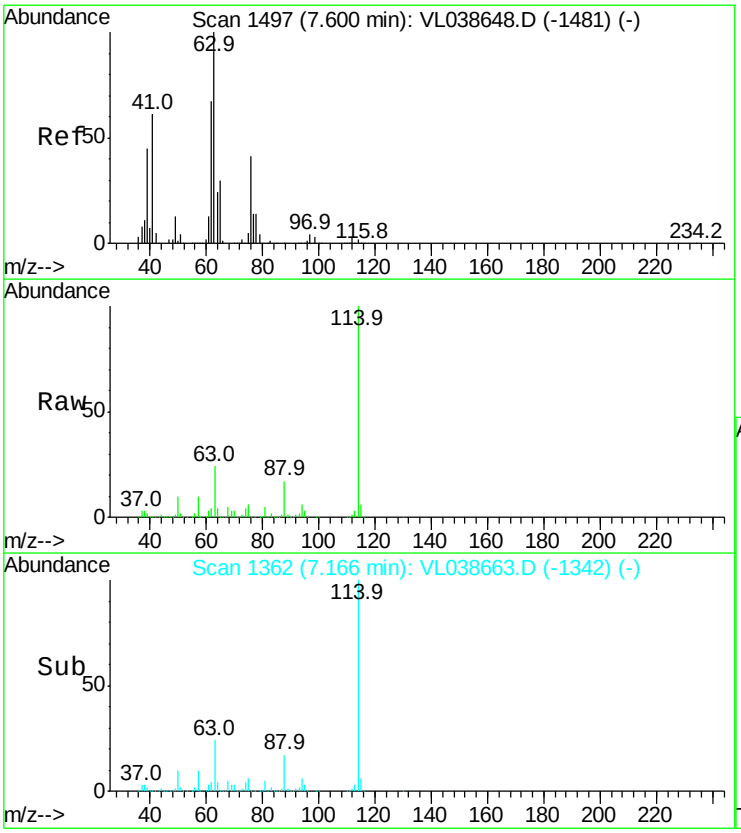
#38
Trichloroethene
Concen: 0.02 ppbv
RT: 7.82
Delta R.T
Lab File:
Acq: 21 Mar 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
C0P65

Tgt Ion:130 Resp: 1326

Ion	Ratio	Lower	Upper
130	100		
95	98.2	88.9	133.3
132	77.5	77.4	116.0
97	37.8	58.2	87.4#

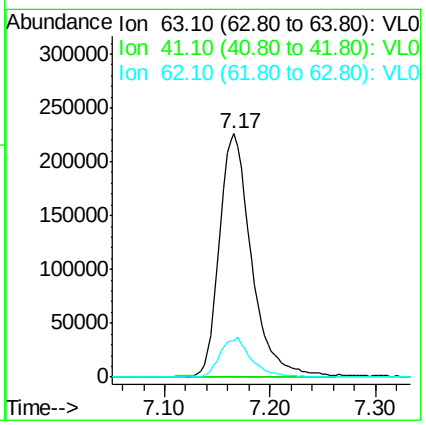


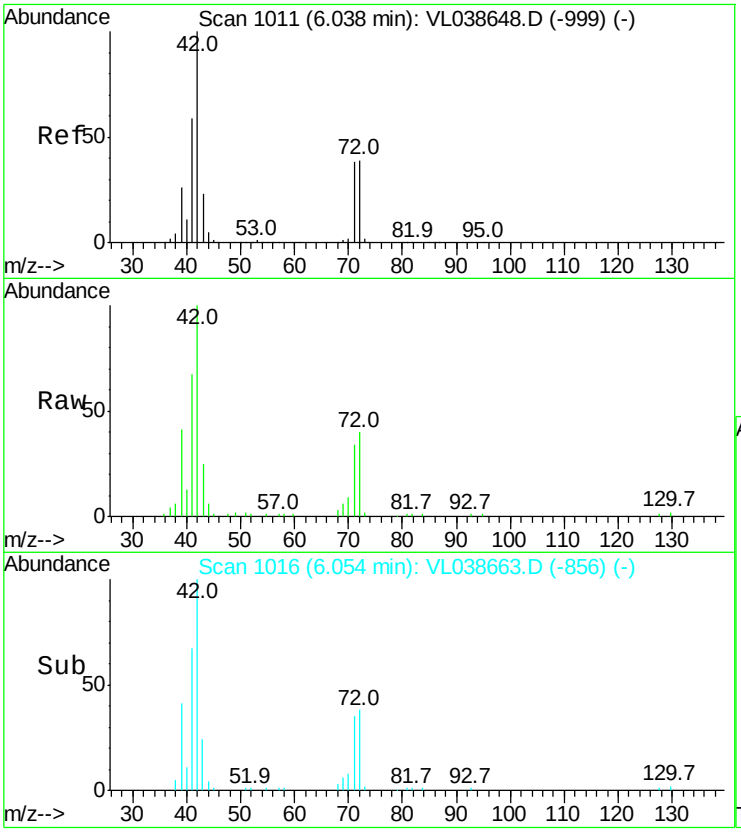


#39
1,2-Dichloropropane
Concen: 7.92 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.43 min
Lab File: VL038663.D
Acq: 21 Mar 2022 23:21

Tgt Ion: 63 Resp: 477665

Ion	Ratio	Lower	Upper
63	100		
41	0.1	49.0	73.6#
62	15.0	53.9	80.9#



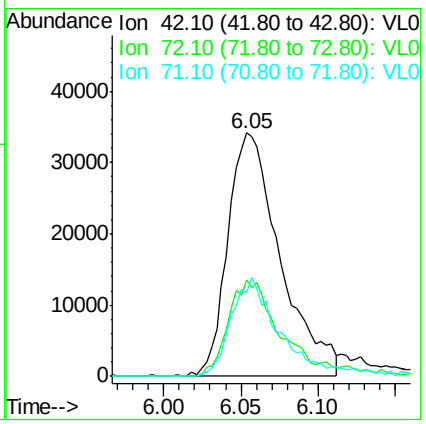


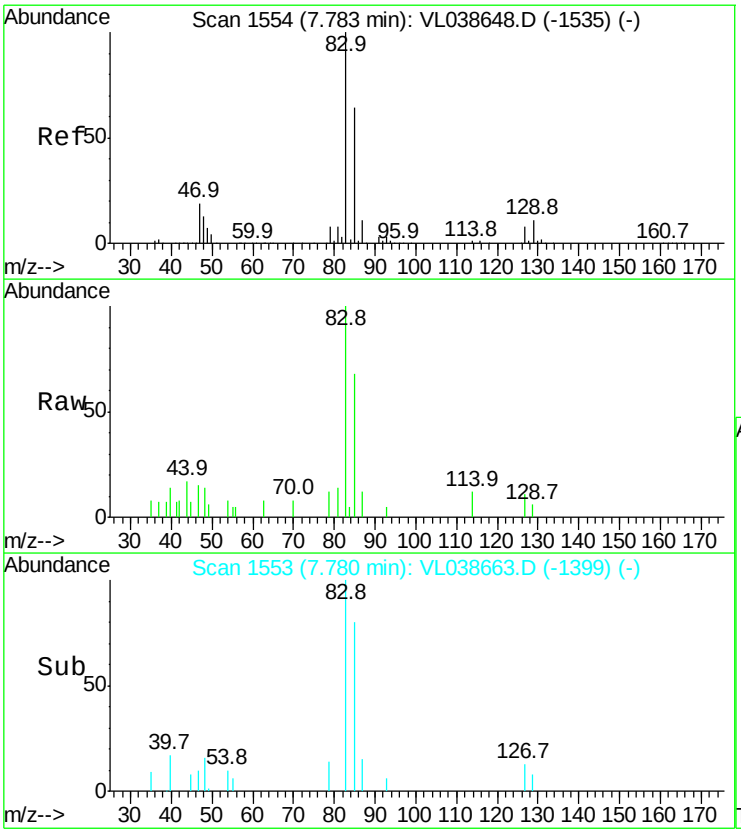
#41
Tetrahydrofuran
Concen: 1.37 ppbv
RT: 6.05
Delta R.T
Lab File:
Acq: 21 Mar 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
C0P65

Tgt Ion: 42 Resp: 80469

Ion	Ratio	Lower	Upper
42	100		
72	41.9	32.5	48.7
71	39.0	31.4	47.2

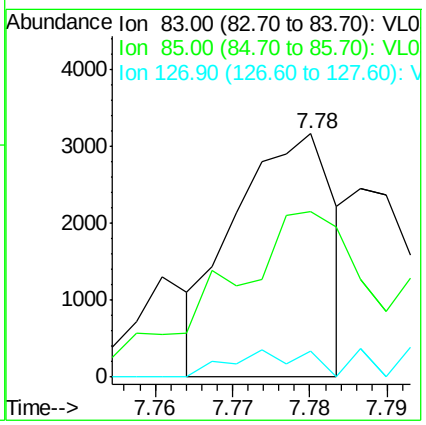


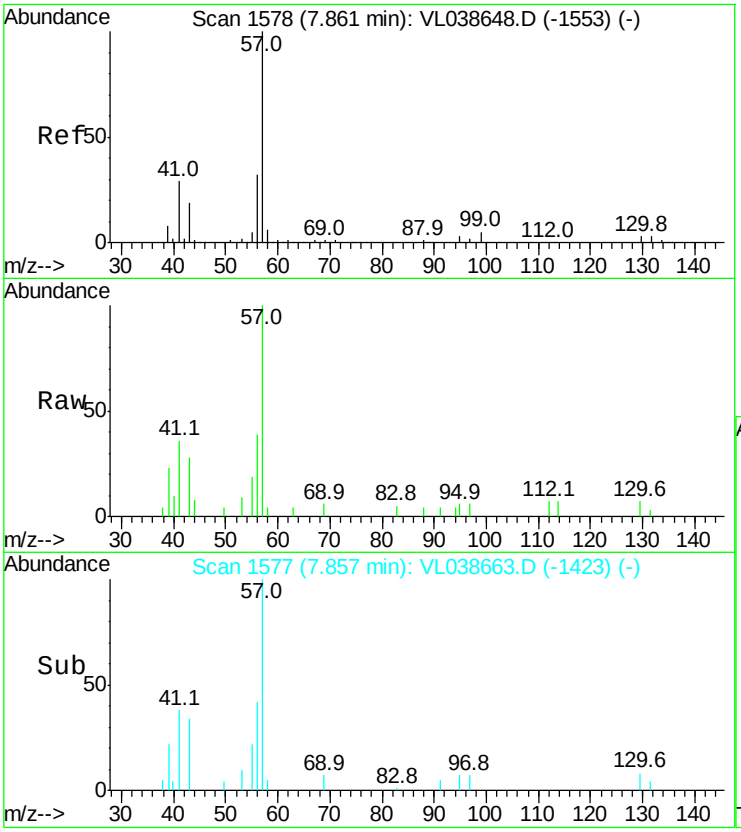


#42
Bromodichloromethane
Concen: 0.02 ppbv
RT: 7.78 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VL038663.D
Acq: 21 Mar 2022 23:21

Tgt Ion: 83 Resp: 2827

Ion	Ratio	Lower	Upper
83	100		
85	71.0	51.1	76.7
127	15.4	6.5	9.7#



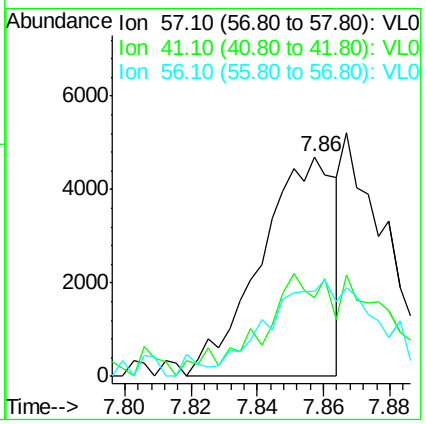


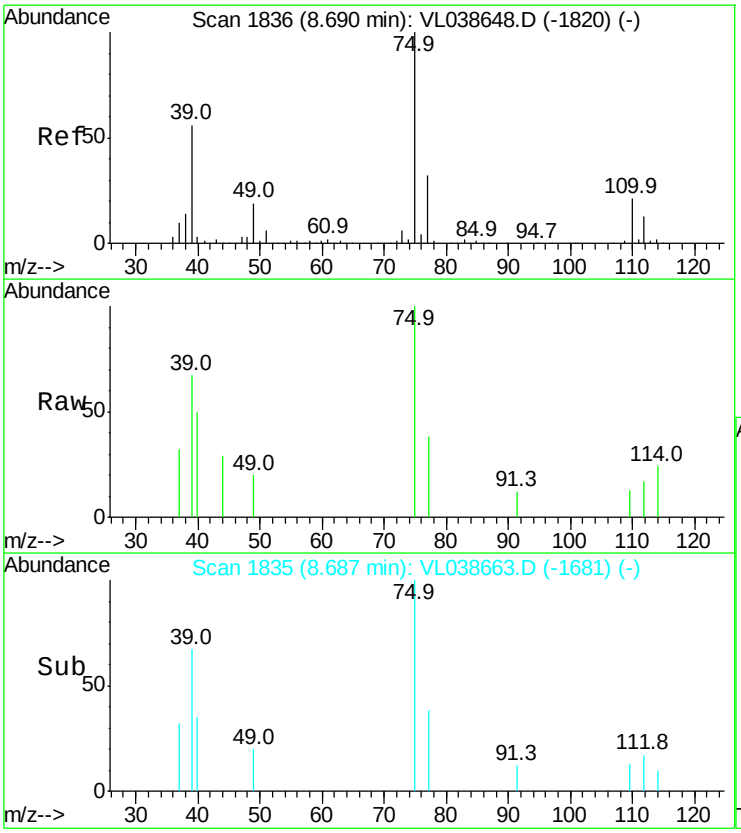
#44
2,2,4-Trimethylpentane
Concen: 0.03 ppbv
RT: 7.86
Delta R.T
Lab File:
Acq: 21 Mar 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
C0P65

Tgt Ion: 57 Resp: 7354

Ion	Ratio	Lower	Upper
57	100		
41	81.9	23.0	34.4#
56	72.3	25.3	37.9#

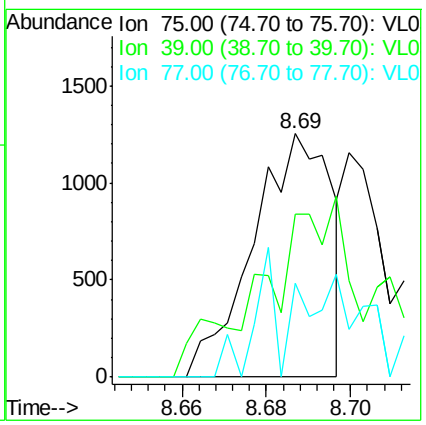


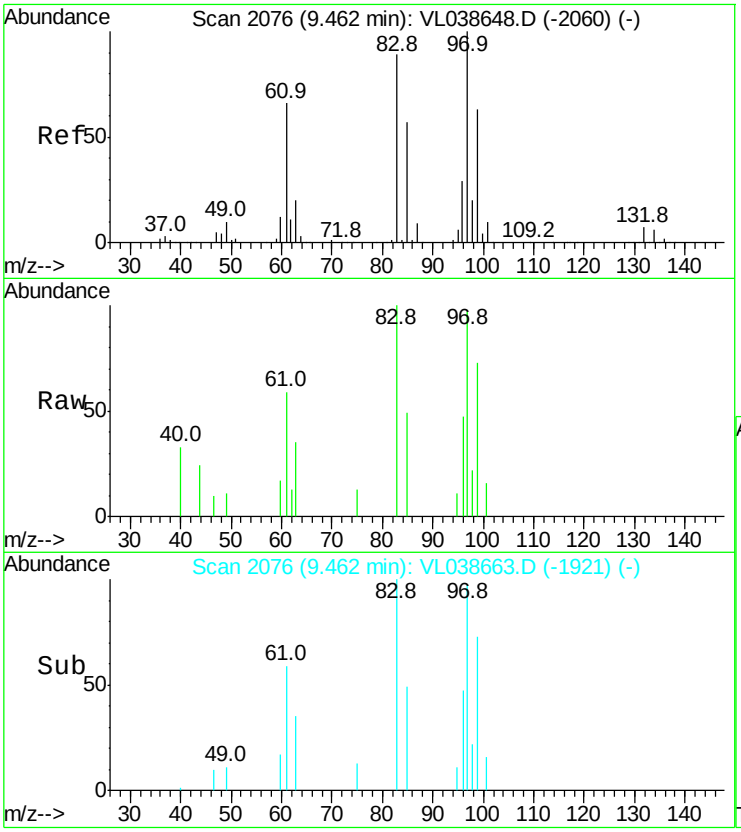


#46
cis-1,3-Dichloropropene
Concen: 0.02 ppbv
RT: 8.69 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VL038663.D
Acq: 21 Mar 2022 23:21

Tgt Ion: 75 Resp: 1613

Ion	Ratio	Lower	Upper
75	100		
39	53.2	44.8	67.2
77	38.4	25.4	38.0#



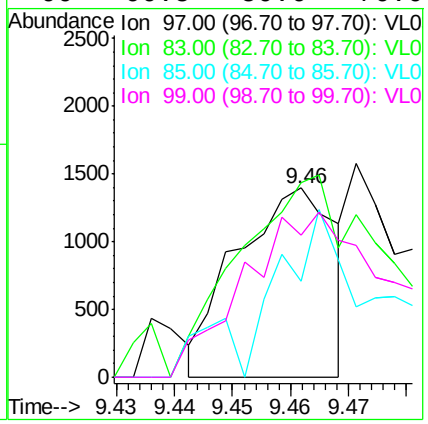


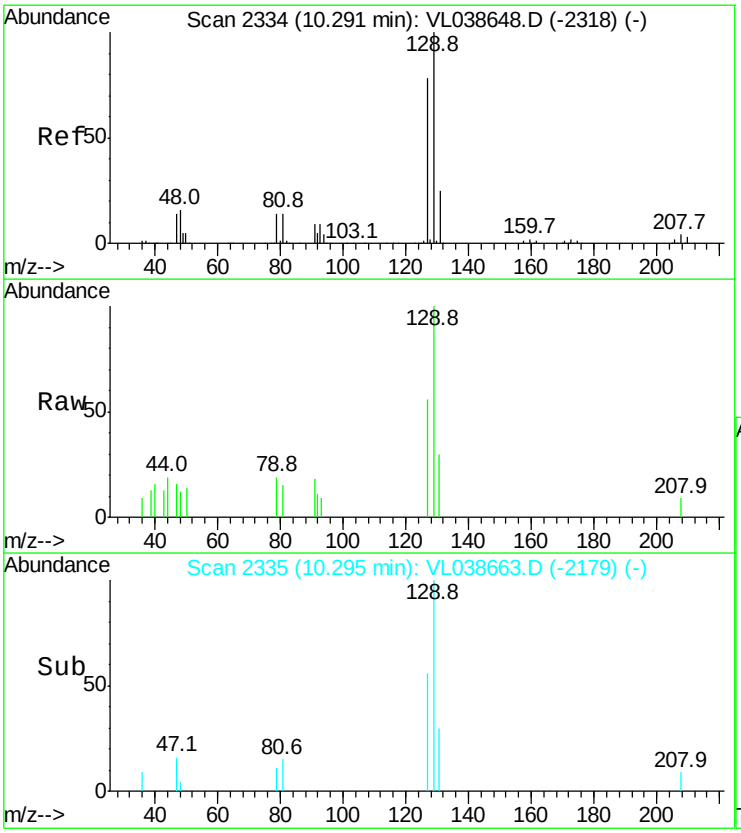
#47
1,1,2-Trichloroethane
Concen: 0.03 ppbv
RT: 9.46
Delta R.T
Lab File:
Acq: 21 Mar 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
C0P65

Tgt Ion: 97 Resp: 1633

Ion	Ratio	Lower	Upper
97	100		
83	98.1	71.2	106.8
85	35.4	45.3	67.9#
99	66.5	50.6	76.0

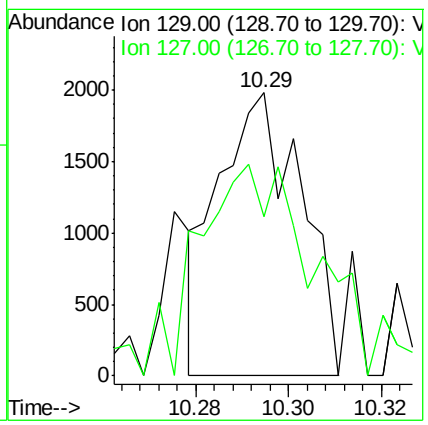


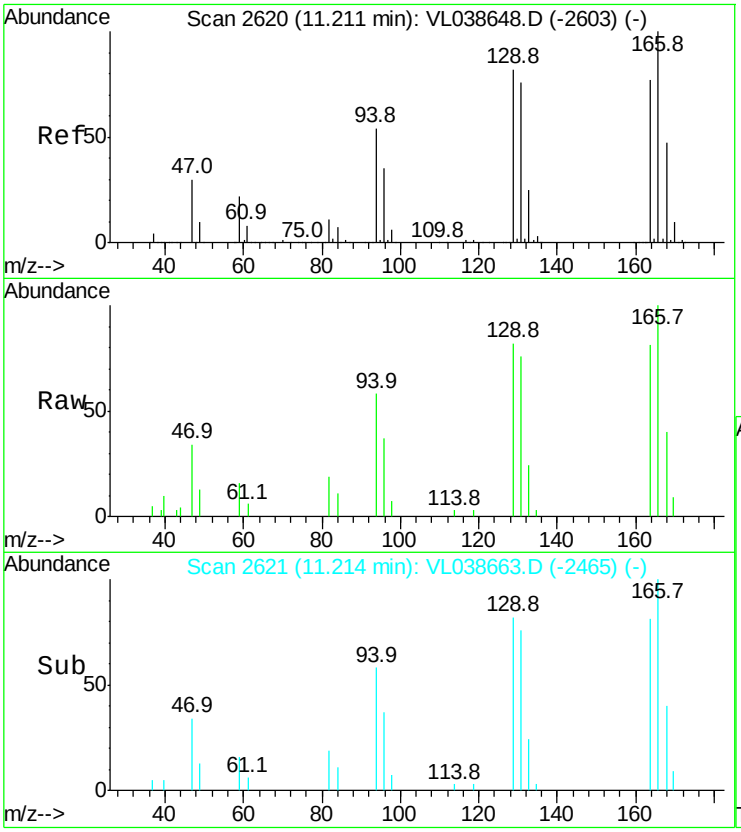


#48
Dibromochloromethane
Concen: 0.02 ppbv
RT: 10.29 min Scan# 2335
Delta R.T. 0.00 min
Lab File: VL038663.D
Acq: 21 Mar 2022 23:21

Tgt Ion:129 Resp: 2458

Ion	Ratio	Lower	Upper
129	100		
127	113.0	39.5	118.5



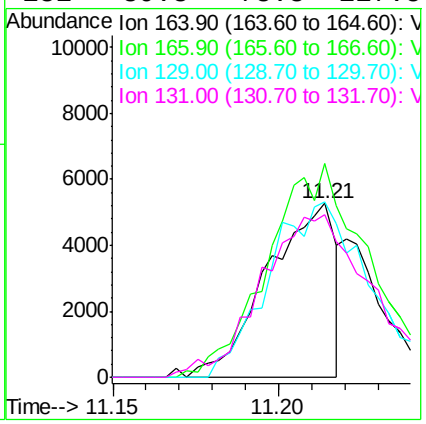


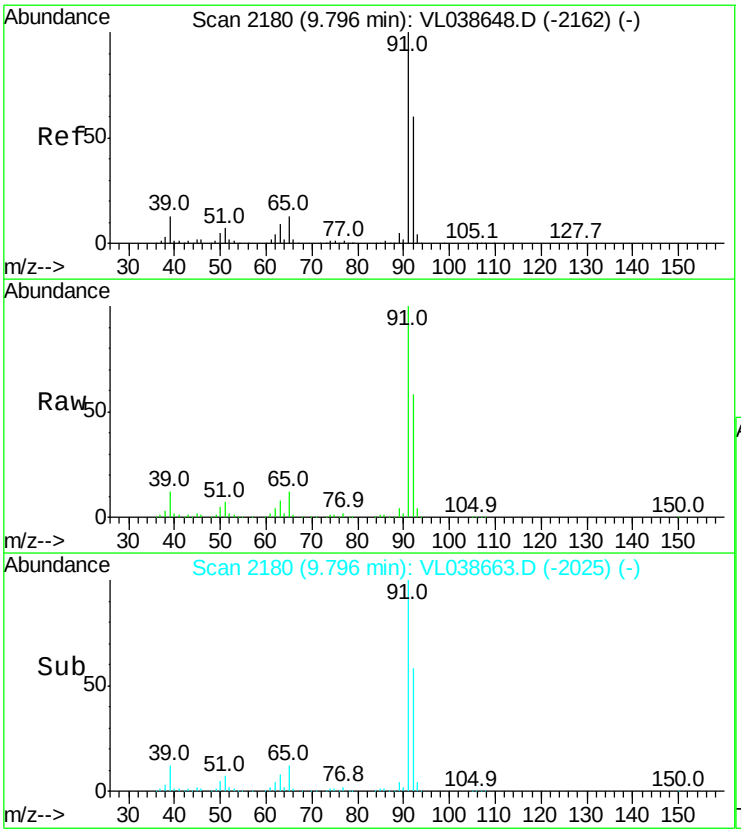
#52
Tetrachloroethene
Concen: 0.13 ppbv
RT: 11.21
Delta R.T
Lab File:
Acq: 21 Mar 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
C0P65

Tgt Ion:164 Resp: 7504

Ion	Ratio	Lower	Upper
164	100		
166	119.1	103.3	154.9
129	100.8	85.2	127.8
131	89.3	78.3	117.5

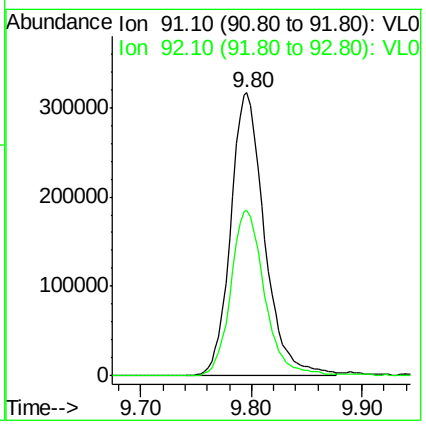


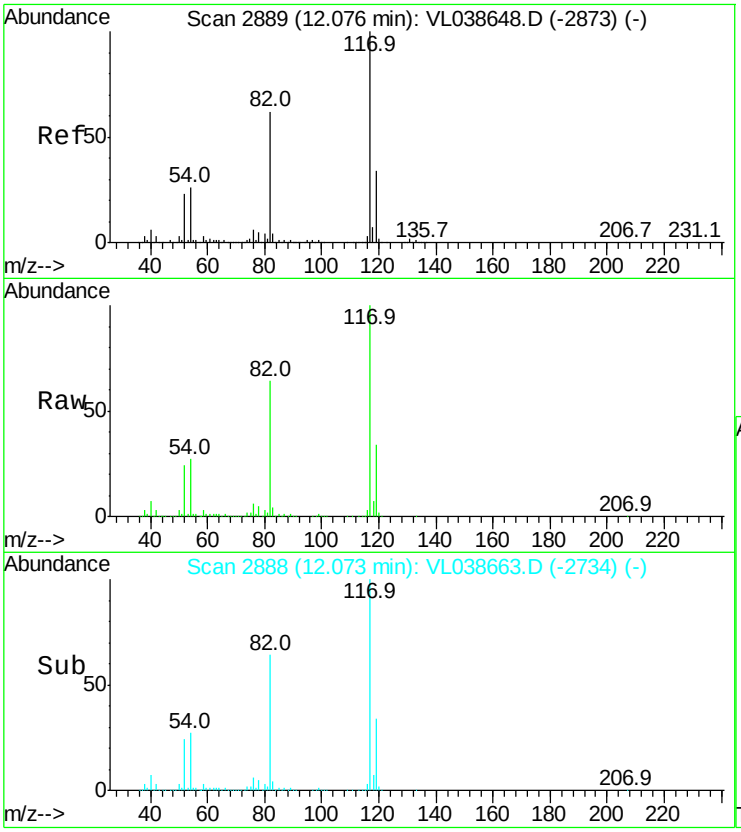


#53
Toluene
Concen: 4.06 ppbv
RT: 9.80 min Scan# 2180
Delta R.T. -0.00 min
Lab File: VL038663.D
Acq: 21 Mar 2022 23:21

Tgt Ion: 91 Resp: 673558

Ion	Ratio	Lower	Upper
91	100		
92	59.0	48.7	73.1



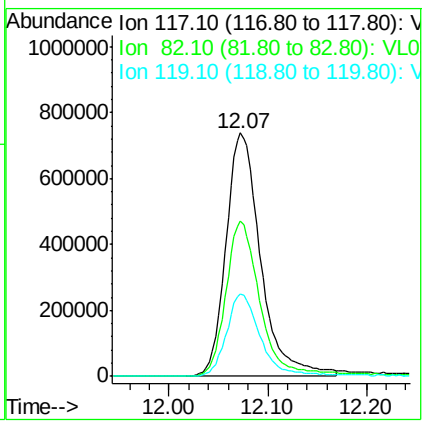


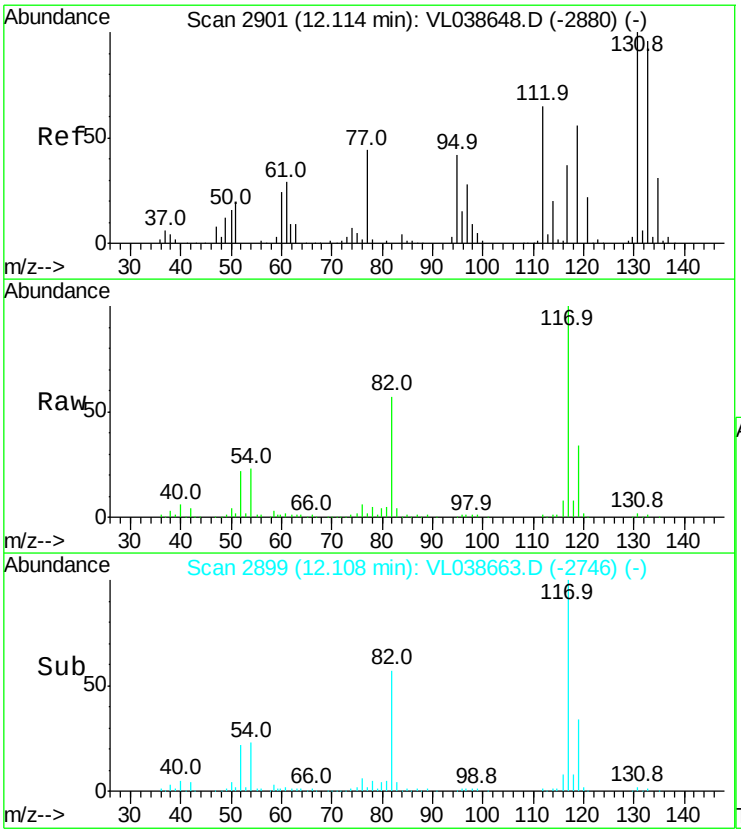
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.07
Delta R.T
Lab File:
Acq: 21 Mar 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
C0P65

Tgt Ion:117 Resp: 1815491

Ion	Ratio	Lower	Upper
117	100		
82	65.8	51.6	77.4
119	34.2	26.9	40.3

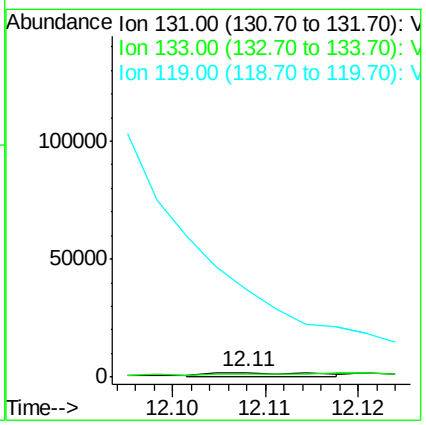


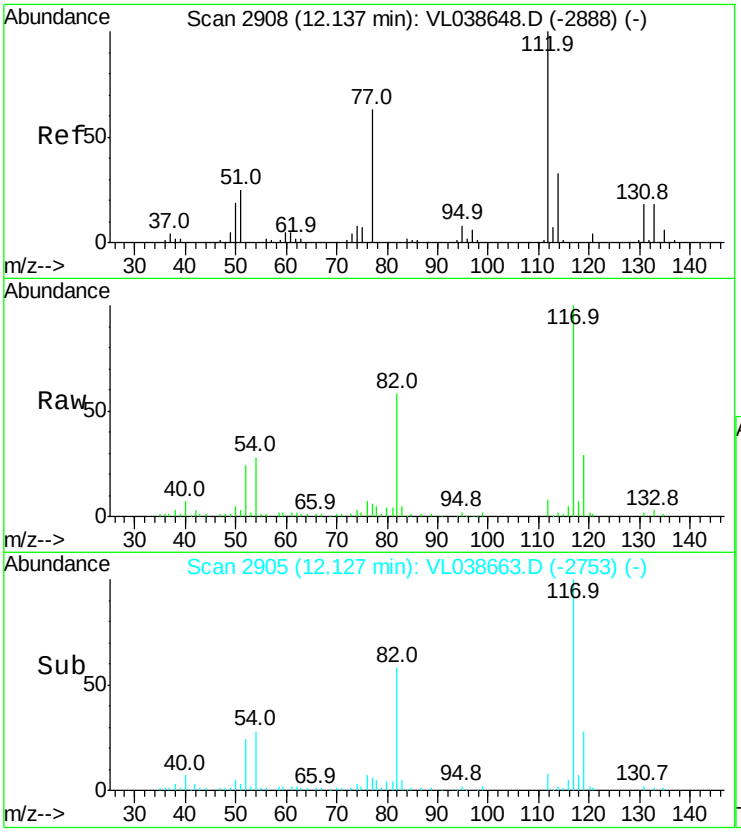


#56
1,1,1,2-Tetrachloroethane
Concen: 0.02 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.01 min
Lab File: VL038663.D
Acq: 21 Mar 2022 23:21

Tgt Ion:131 Resp: 1524

Ion	Ratio	Lower	Upper
131	100		
133	0.0	77.3	115.9#
119	0.0	53.0	79.6#



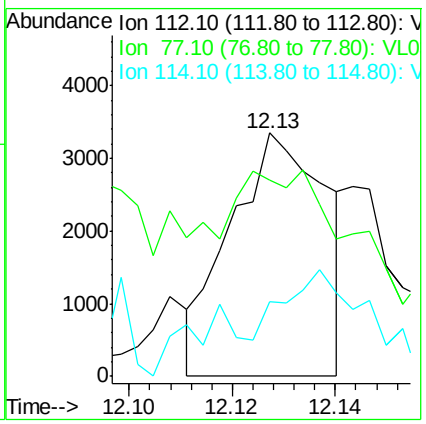


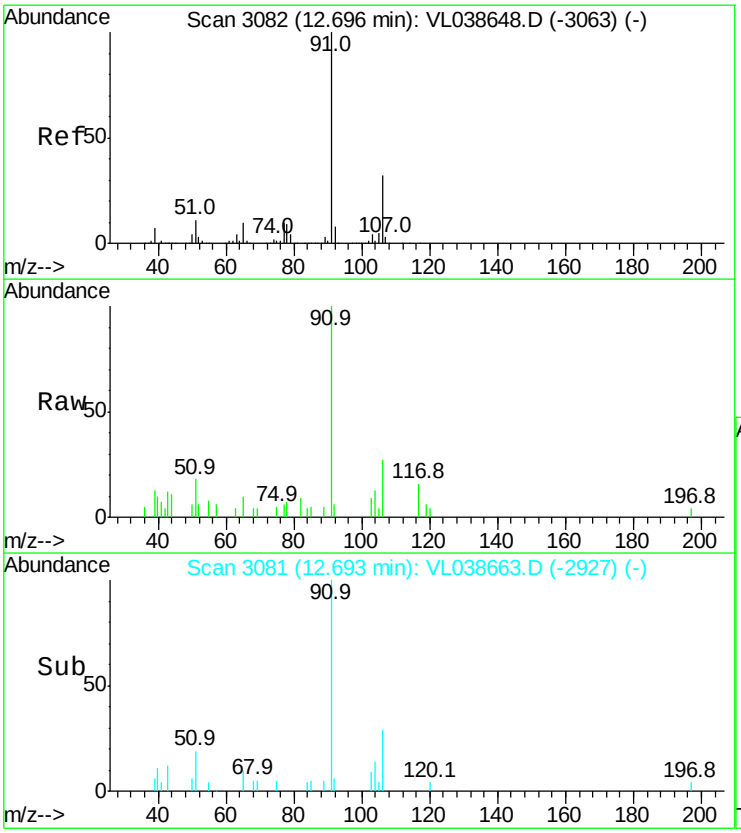
#57
Chlorobenzene
Concen: 0.03 ppbv
RT: 12.13
Delta R.T
Lab File:
Acq: 21 Mar 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
C0P65

Tgt Ion:112 Resp: 4274

Ion	Ratio	Lower	Upper
112	100		
77	33.5	51.0	76.6#
114	15.1	29.8	36.4#

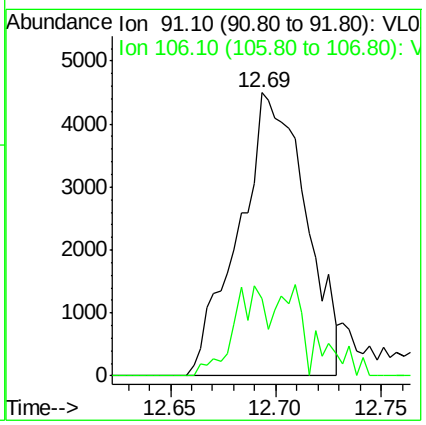


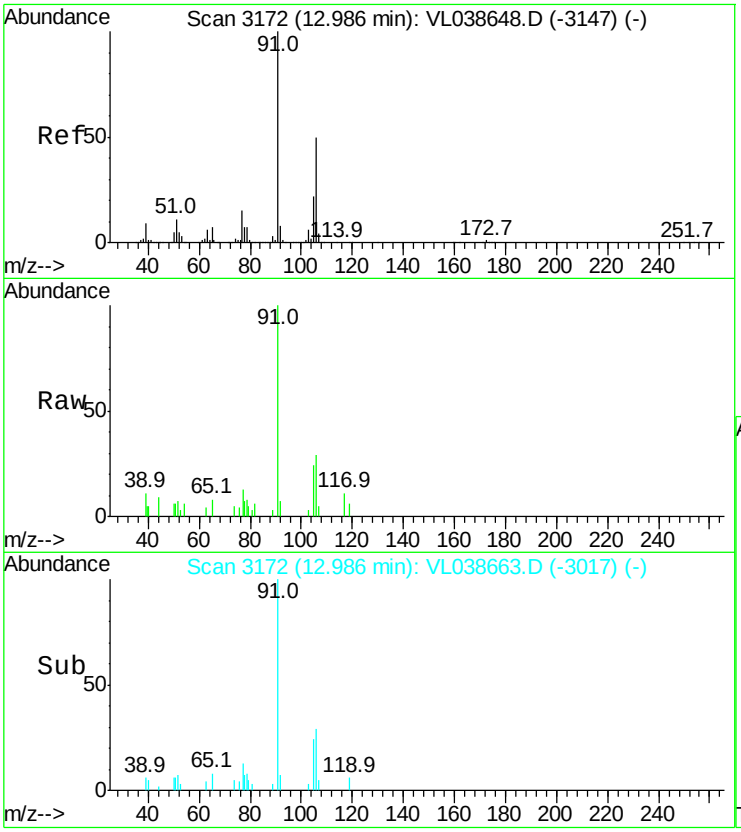


#58
Ethyl Benzene
Concen: 0.05 ppbv
RT: 12.69 min Scan# 3081
Delta R.T. -0.00 min
Lab File: VL038663.D
Acq: 21 Mar 2022 23:21

Tgt Ion: 91 Resp: 9954

Ion	Ratio	Lower	Upper
91	100		
106	25.8	25.4	38.0



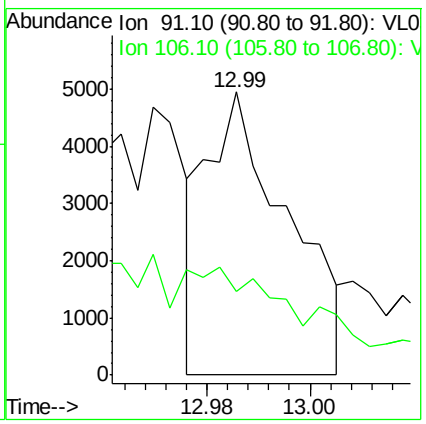


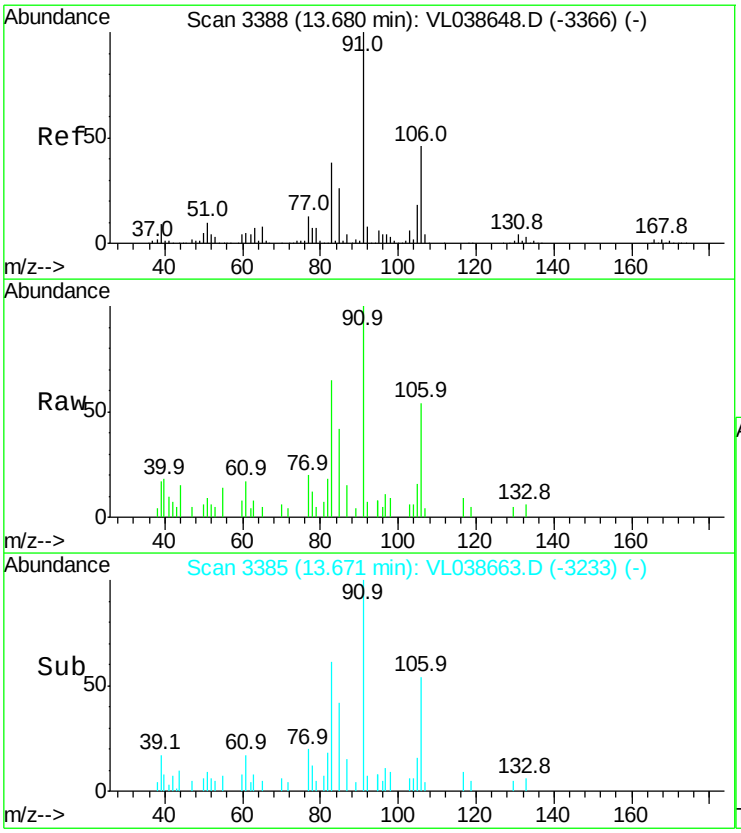
#59
m/p-Xylene
Concen: 0.03 ppbv
RT: 12.99
Delta R.T
Lab File:
Acq: 21 Mar 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
C0P65

Tgt Ion: 91 Resp: 5436

Ion	Ratio	Lower	Upper
91	100		
106	63.0	37.2	55.8#

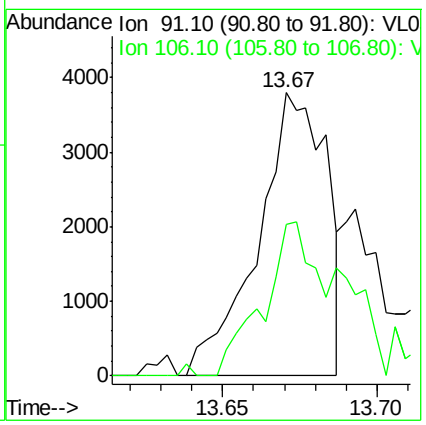


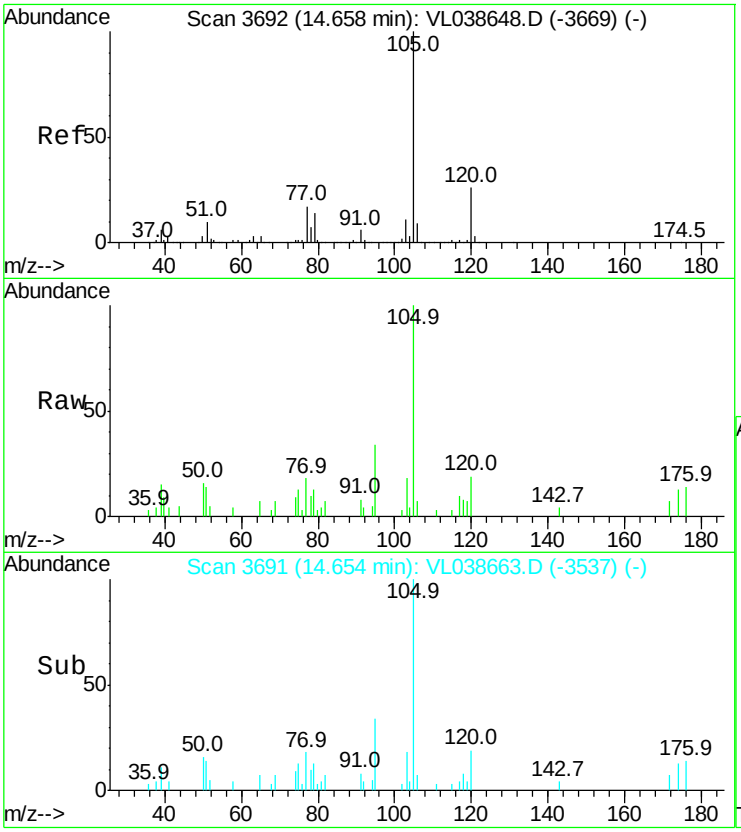


#60
o-Xylene
Concen: 0.03 ppbv
RT: 13.67 min Scan# 3385
Delta R.T. -0.01 min
Lab File: VL038663.D
Acq: 21 Mar 2022 23:21

Tgt Ion: 91 Resp: 5853

Ion	Ratio	Lower	Upper
91	100		
106	67.2	23.5	70.5



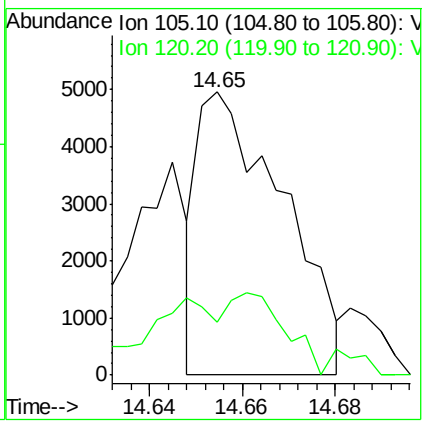


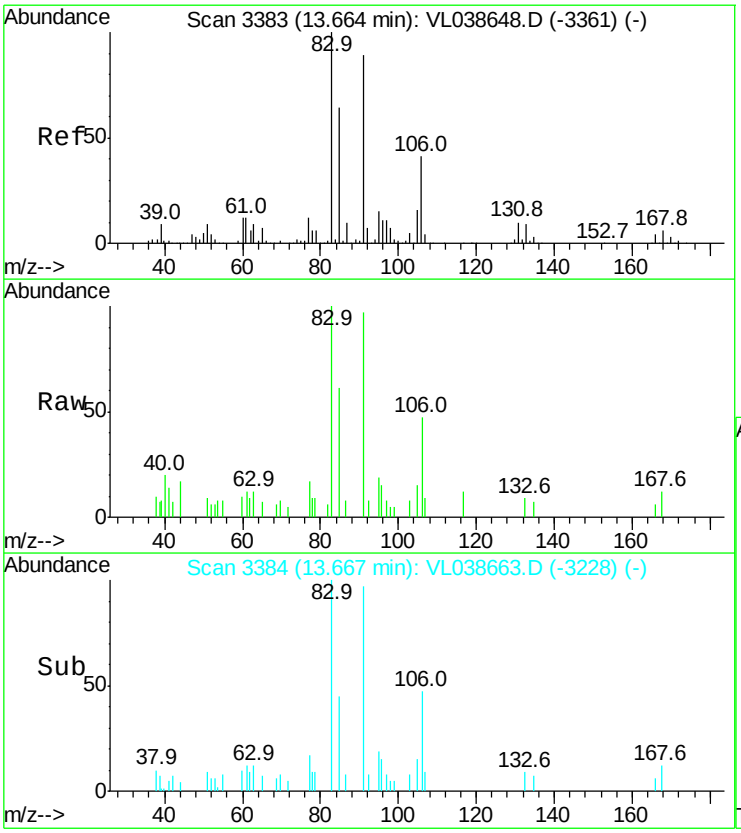
#62
Isopropylbenzene
Concen: 0.02 ppbv
RT: 14.65
Delta R.T
Lab File:
Acq: 21 Mar 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
C0P65

Tgt Ion:105 Resp: 6342

Ion	Ratio	Lower	Upper
105	100		
120	47.8	21.2	31.8#

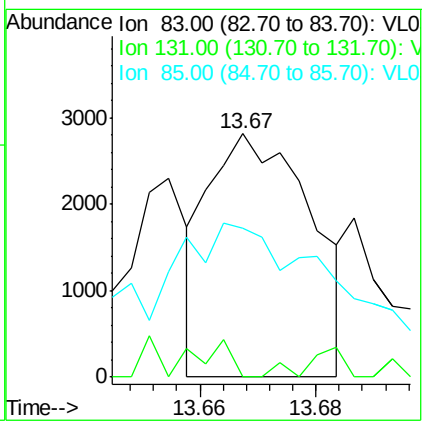


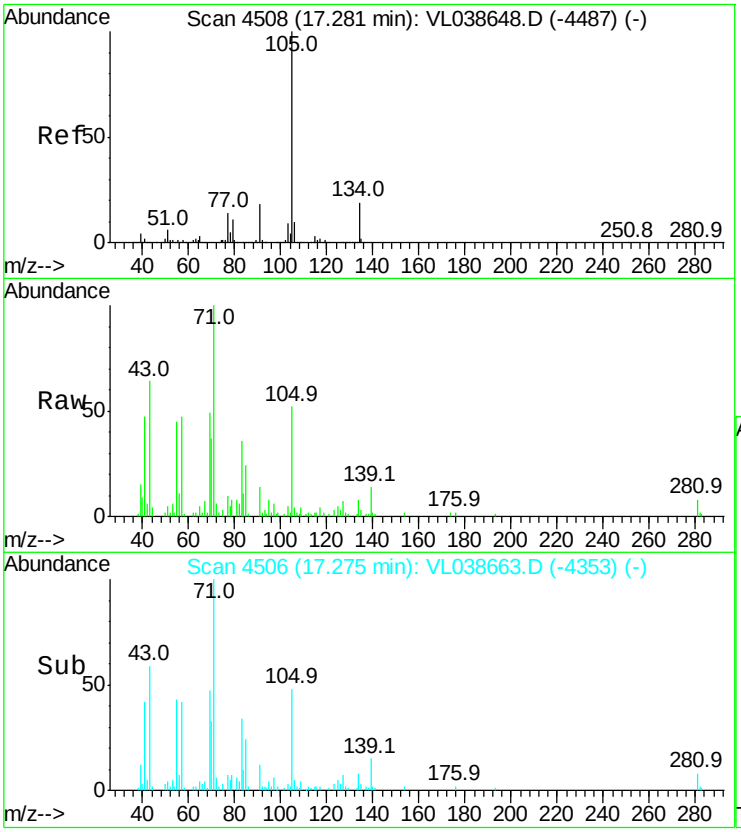


#63
1,1,2,2-Tetrachloroethane
Concen: 0.03 ppbv
RT: 13.67 min Scan# 3384
Delta R.T. 0.00 min
Lab File: VL038663.D
Acq: 21 Mar 2022 23:21

Tgt Ion: 83 Resp: 3476

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.8	14.3#
85	124.2	32.6	97.8#



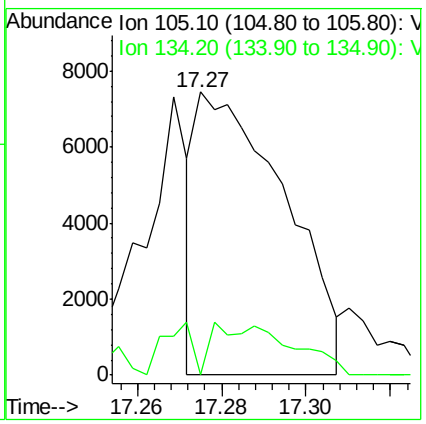


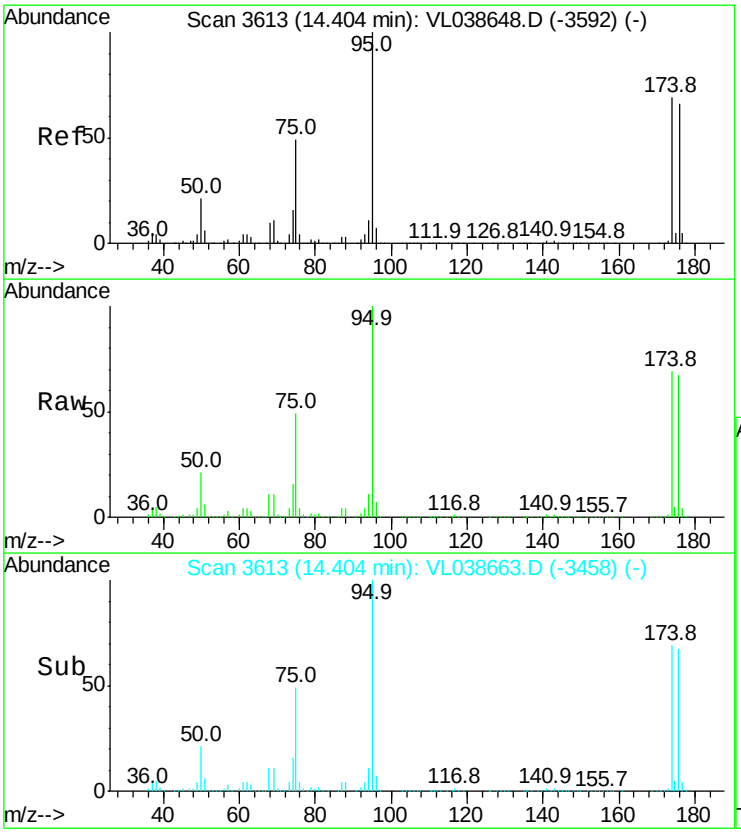
#67
sec-Butylbenzene
Concen: 0.03 ppbv
RT: 17.27
Delta R.T
Lab File:
Acq: 21 Mar 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
C0P65

Tgt Ion:105 Resp: 10897

Ion	Ratio	Lower	Upper
105	100		
134	25.7	15.1	22.7#

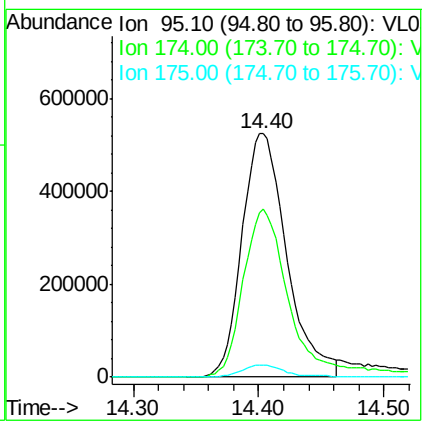


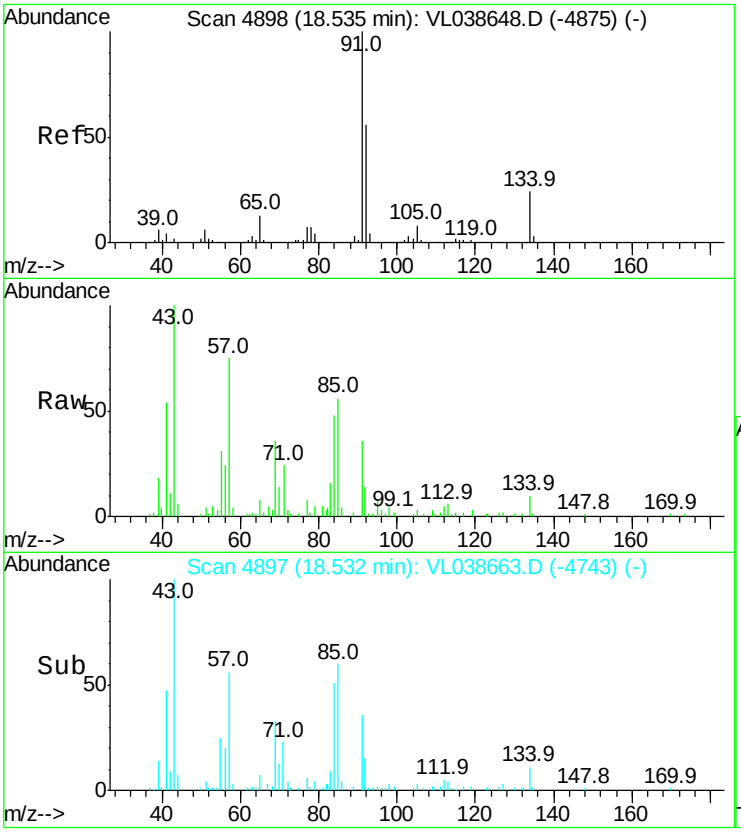


#68
1-Bromo-4-Fluorobenzene
Concen: 9.36 ppbv
RT: 14.40 min Scan# 3613
Delta R.T. -0.00 min
Lab File: VL038663.D
Acq: 21 Mar 2022 23:21

Tgt Ion: 95 Resp: 1302529

Ion	Ratio	Lower	Upper
95	100		
174	74.7	56.1	84.1
175	5.1	4.2	6.2



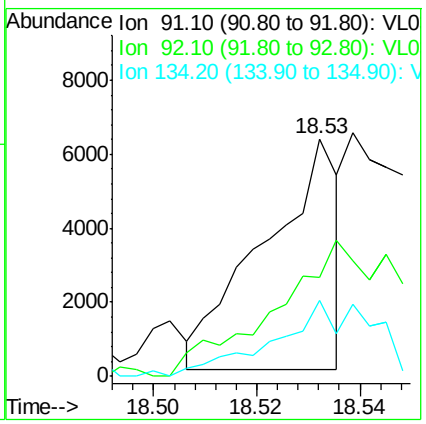


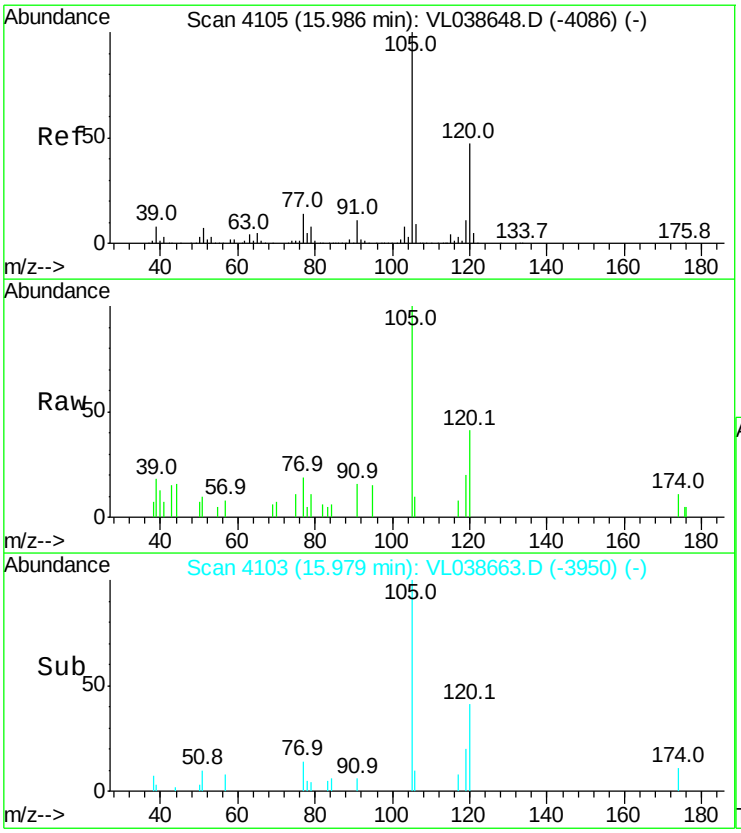
#70
n-Butylbenzene
Concen: 0.02 ppbv
RT: 18.53
Delta R.T
Lab File:
Acq: 21 Mar 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
C0P65

Tgt Ion: 91 Resp: 6244

Ion	Ratio	Lower	Upper
91	100		
92	0.0	43.9	65.9#
134	56.6	18.7	28.1#

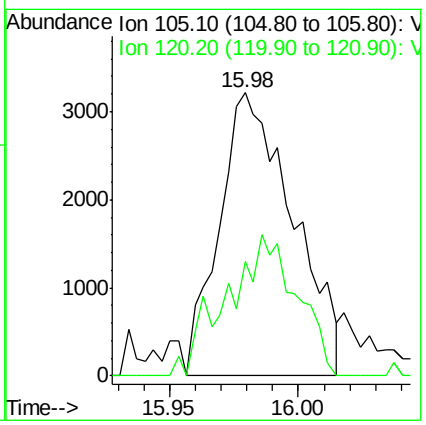


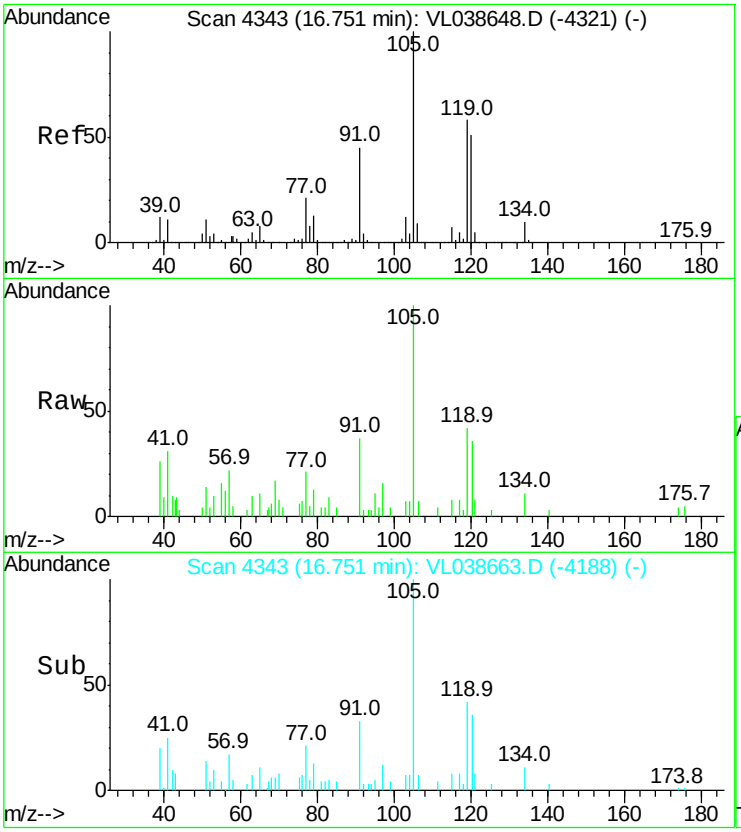


#73
1,3,5-Trimethylbenzene
Concen: 0.03 ppbv
RT: 15.98 min Scan# 4103
Delta R.T. -0.01 min
Lab File: VL038663.D
Acq: 21 Mar 2022 23:21

Tgt Ion:105 Resp: 6426

Ion	Ratio	Lower	Upper
105	100		
120	40.5	37.6	56.4



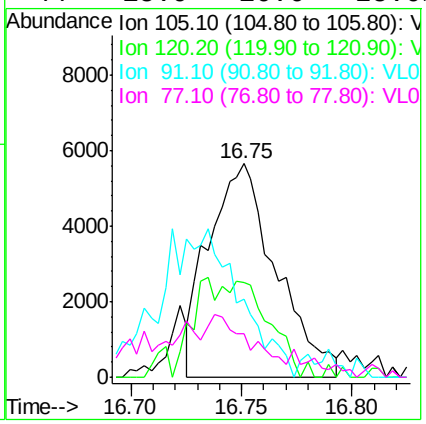


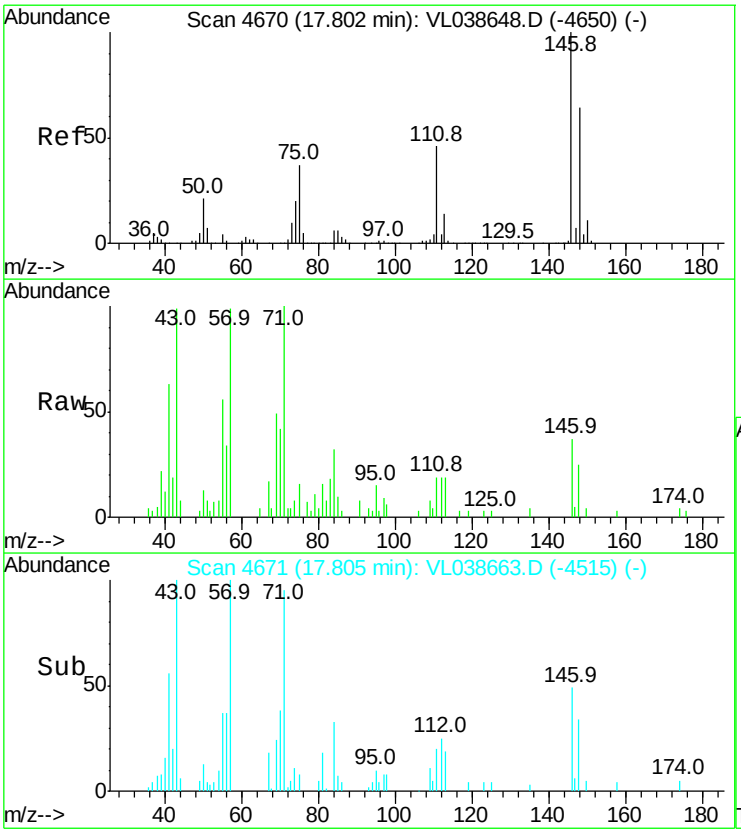
#74
1,2,4-Trimethylbenzene
Concen: 0.06 ppbv
RT: 16.75
Delta R.T
Lab File:
Acq: 21 Mar 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
C0P65

Tgt Ion:105 Resp: 11980

Ion	Ratio	Lower	Upper
105	100		
120	48.8	40.5	60.7
91	34.6	35.9	53.9#
77	15.9	16.6	25.0#

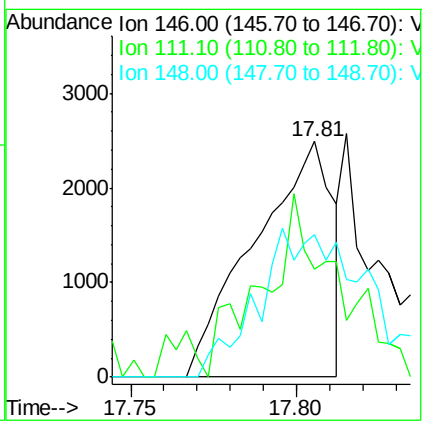


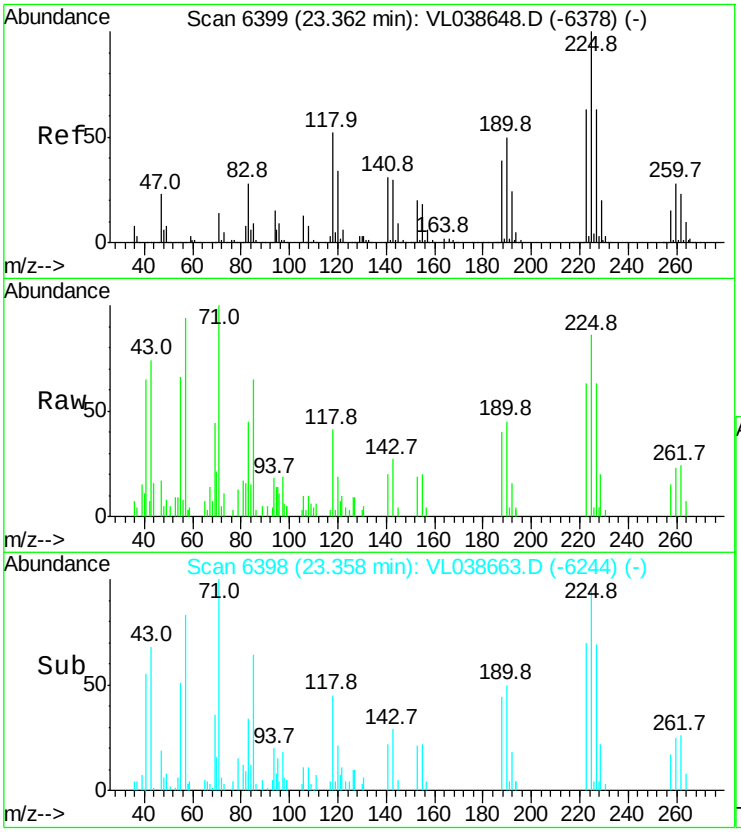


#77
1,2-Dichlorobenzene
Concen: 0.03 ppbv
RT: 17.81 min Scan# 4671
Delta R.T. 0.00 min
Lab File: VL038663.D
Acq: 21 Mar 2022 23:21

Tgt Ion:146 Resp: 4087

Ion	Ratio	Lower	Upper
146	100		
111	88.6	22.8	68.4#
148	94.0	32.5	97.4



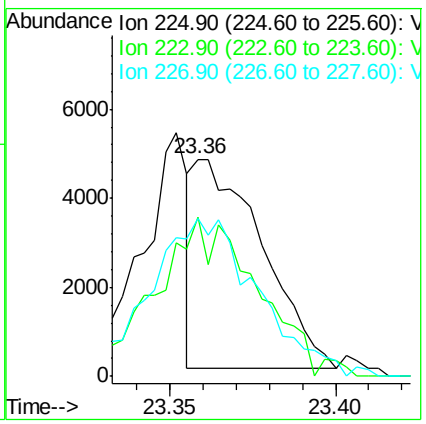


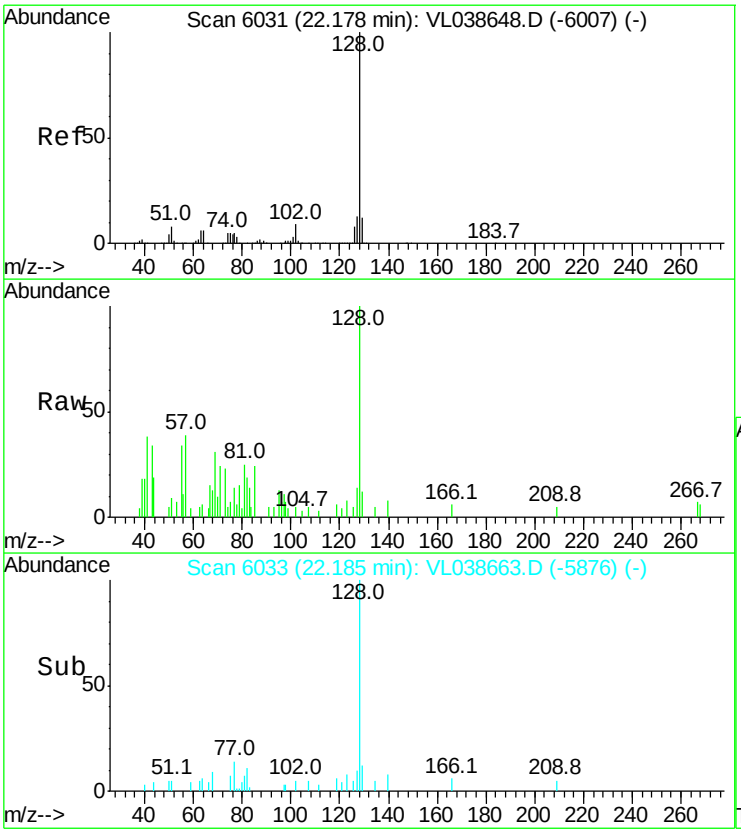
#78
Hexachloro-1,3-Butadiene
Concen: 0.06 ppbv
RT: 23.36
Delta R.T
Lab File:
Acq: 21 Mar 2022 23:21

Instrument :
MSVOA_L
ClientSampleId :
C0P65

Tgt Ion:225 Resp: 6656

Ion	Ratio	Lower	Upper
225	100		
223	118.4	51.0	76.6#
227	121.2	51.5	77.3#





#79
Naphthalene
Concen: 0.03 ppbv
RT: 22.18 min Scan# 6033
Delta R.T. 0.01 min
Lab File: VL038663.D
Acq: 21 Mar 2022 23:21

Tgt Ion:128 Resp: 4169

Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.2	15.4
129	13.3	9.2	13.8