Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050522\
Data File : VL038961.D
Acq On : 5 May 2022 5:16
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: May 05 07:23:38 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 04:53:24 2022
QLast Update : Thu May 05 04:53:24 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	1345675	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	3188339	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.07	117	2693755	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.40	95	2138428	10.04	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	25906	0.119	ppbv		89
3) Chlorodifluoromethane	2.99	51	20210	0.085	ppbv		99
4) Chloromethane	3.14	50	5322	0.060	ppbv		96
5) Vinyl Chloride	3.26	62	7907	0.088	ppbv		96
6) Bromomethane	3.47	94	1821	0.038	ppbv	#	47
7) Chloroethane	3.55	64	2107	0.069	ppbv	#	82
8) Dichlorotetrafluoroethane	3.19	85	22987	0.111	ppbv		98
10) Heptane	8.11	43	9499	0.048	ppbv	#	22
11) Trichlorofluoromethane	3.95	101	16436	0.076	ppbv	#	82
12) 1,1,2-Trichlorotrifluoroet	4.48	101	12765	0.091	ppbv	#	79
13) Ethanol	3.62	45	558	0.066	ppbv	#	16
14) Bromoethene	3.74	108	4060	0.070	ppbv	#	47
16) 1,3-Butadiene	3.33	39	5996	0.068	ppbv	#	61
18) 1,1-Dichloroethene	4.29	96	2683	0.043	ppbv	#	33
20) Methylene Chloride	4.35	84	6461	0.108	ppbv	#	87
21) Allyl Chloride	4.41	41	5327	0.052	ppbv	#	1
24) 1,1-Dichloroethane	5.01	63	8102	0.052	ppbv	#	81
25) Ethyl Acetate	5.69	43	20349	0.065	ppbv	#	77
26) Hexane	5.68	57	9044	0.063	ppbv	#	9
31) cis-1,2-Dichloroethene	5.54	61	7570	0.054	ppbv		91
32) 1,1,1-Trichloroethane	6.51	97	13291	0.057	ppbv	#	47
36) Benzene	6.88	78	12466	0.043	ppbv		95
37) 1,2-Dichloroethane	6.30	62	15534	0.089	ppbv		98
38) Trichloroethene	7.82	130	5743	0.049	ppbv	#	57
39) 1,2-Dichloropropane	7.17	63	891114	7.562	ppbv	#	27
42) Bromodichloromethane	7.78	83	11601	0.049	ppbv	#	96
44) 2,2,4-Trimethylpentane	7.86	57	24450	0.048	ppbv	#	29
47) 1,1,2-Trichloroethane	9.47	97	6163	0.051	ppbv	#	82
48) Dibromochloromethane	10.29	129	6822	0.037	ppbv	#	5
52) Tetrachloroethene	11.21	164	5772	0.054	ppbv	#	63
57) Chlorobenzene	12.13	112	14501	0.064	ppbv	#	45
59) m/p-Xylene	12.99	91	16305	0.048	ppbv	#	33
60) o-Xylene	13.68	91	22351	0.068	ppbv		75
61) Styrene	13.52	104	6507	0.040	ppbv	#	4
63) 1,1,2,2-Tetrachloroethane	13.67	83	7927	0.032	ppbv	#	1
65) tert-Butylbenzene	16.73	119	12958	0.033	ppbv	#	15
67) sec-Butylbenzene	17.28	105	45605	0.083	ppbv	#	89
69) p-Isopropyltoluene	17.63	119	15067	0.035	ppbv	#	47
70) n-Butylbenzene	18.52	91	14040	0.031	ppbv	#	33
71) 2-Chlorotoluene	15.44	91	21995	0.066	ppbv	#	45
72) 4-Ethyltoluene	15.82	105	15654	0.044	ppbv	#	49

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050522\
Data File : VL038961.D
Acq On : 5 May 2022 5:16
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: May 05 07:23:38 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 04:53:24 2022
QLast Update : Thu May 05 04:53:24 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
73) 1,3,5-Trimethylbenzene	15.99	105	27790	0.083	ppbv		95
75) 1,3-Dichlorobenzene	16.98	146	10604	0.052	ppbv	#	19
77) 1,2-Dichlorobenzene	17.81	146	12999	0.068	ppbv	#	50
78) Hexachloro-1,3-Butadiene	23.35	225	8077	0.047	ppbv	#	18

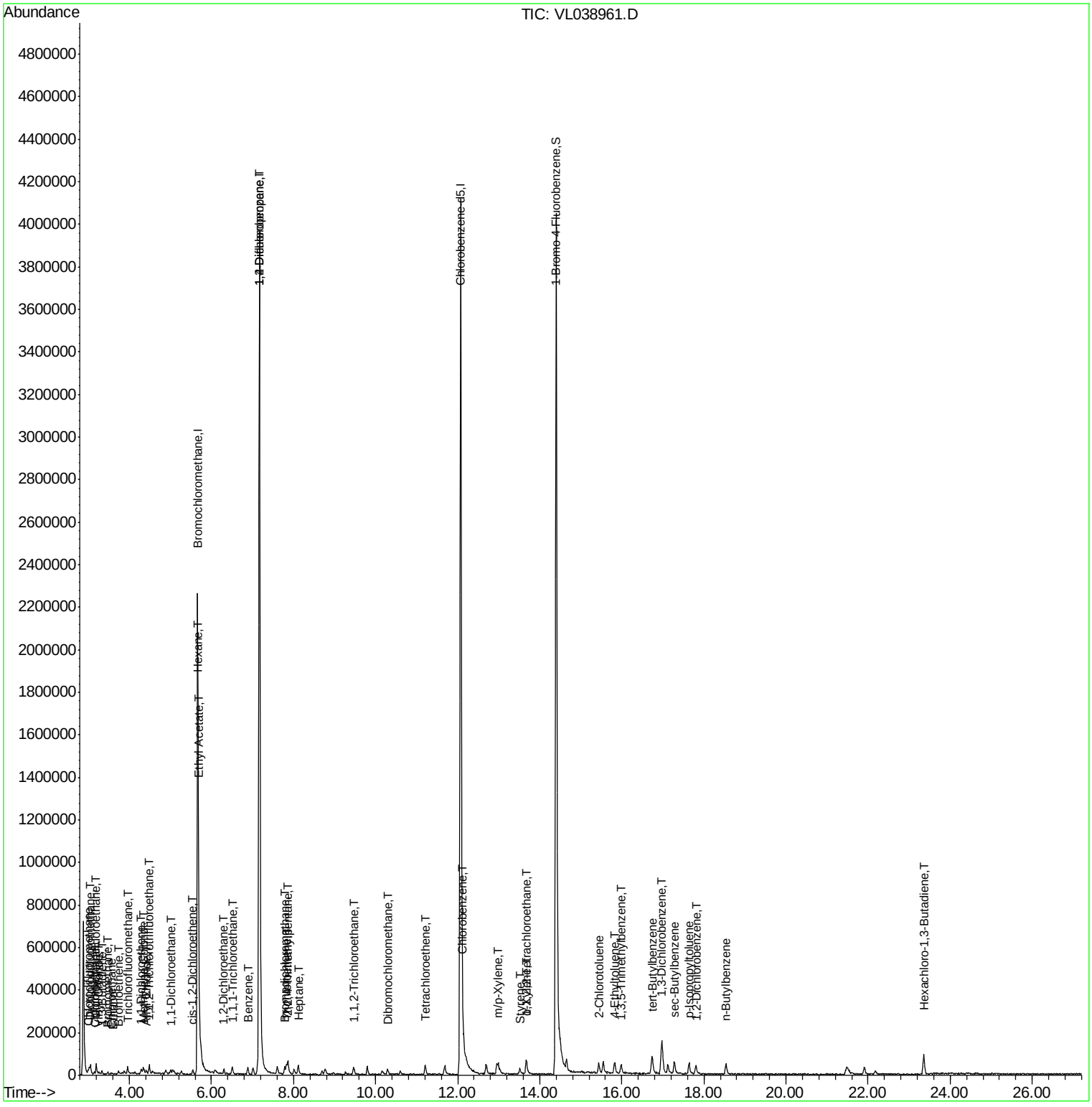
(#) = qualifier out of range (m) = manual integration (+) = signals summed

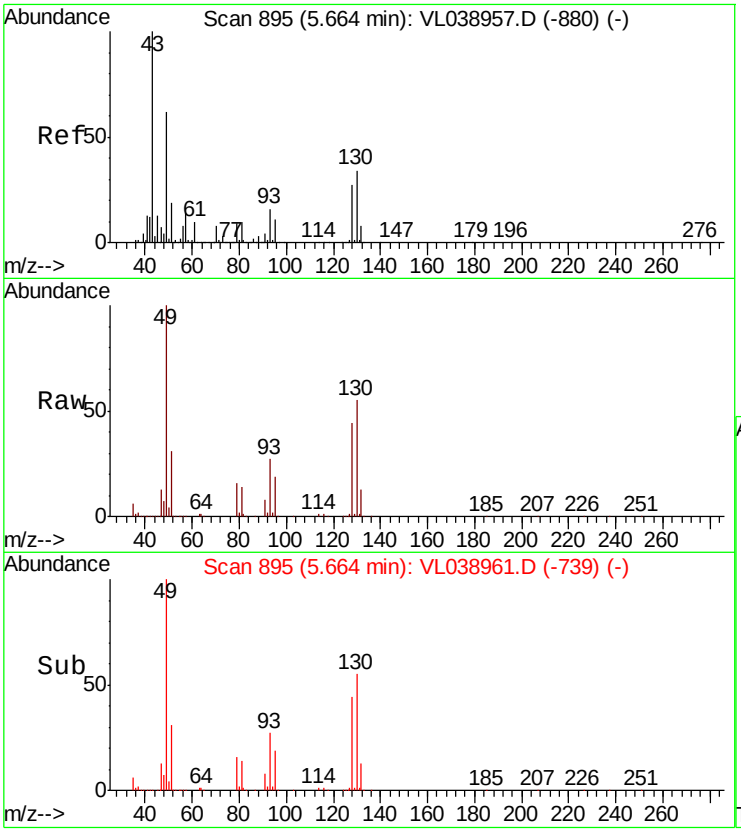
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050522\
Data File : VL038961.D
Acq On : 5 May 2022 5:16
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: May 05 07:23:38 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 04:53:24 2022
QLast Update : Thu May 05 04:53:24 2022
Response via : Initial Calibration



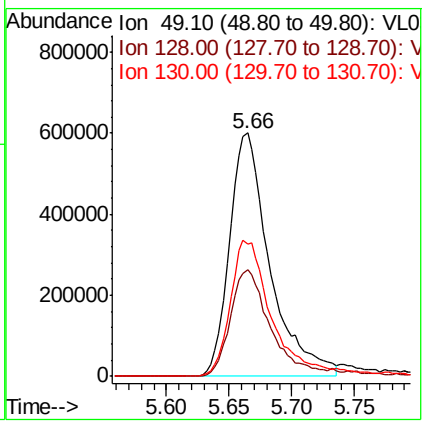


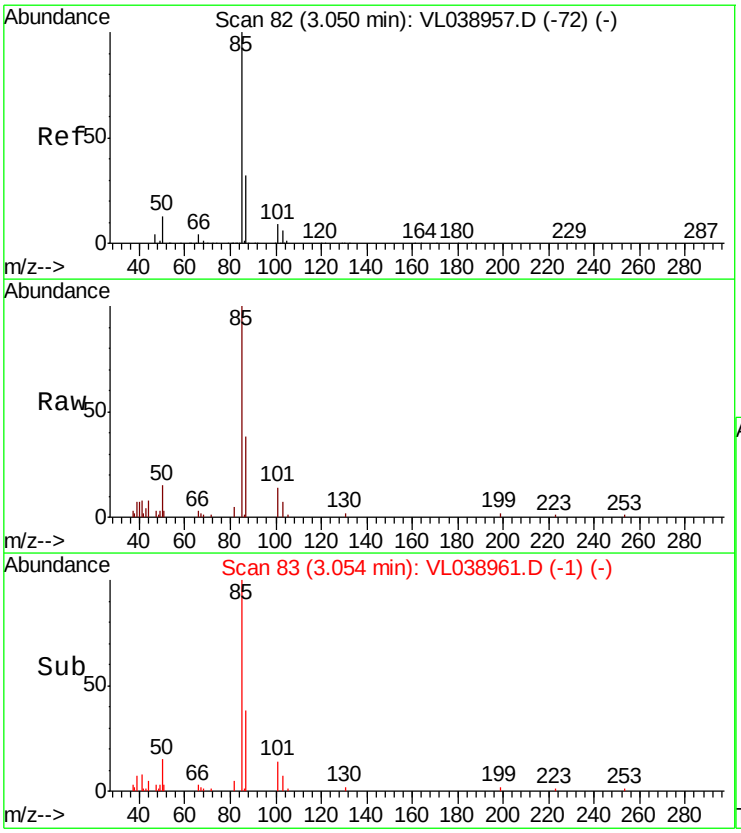
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 5 May 2022 5:16

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1345675

Ion	Ratio	Lower	Upper
49	100		
128	46.5	23.3	69.8
130	60.0	29.8	89.3

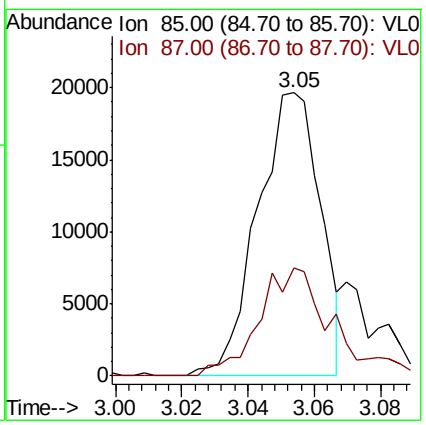


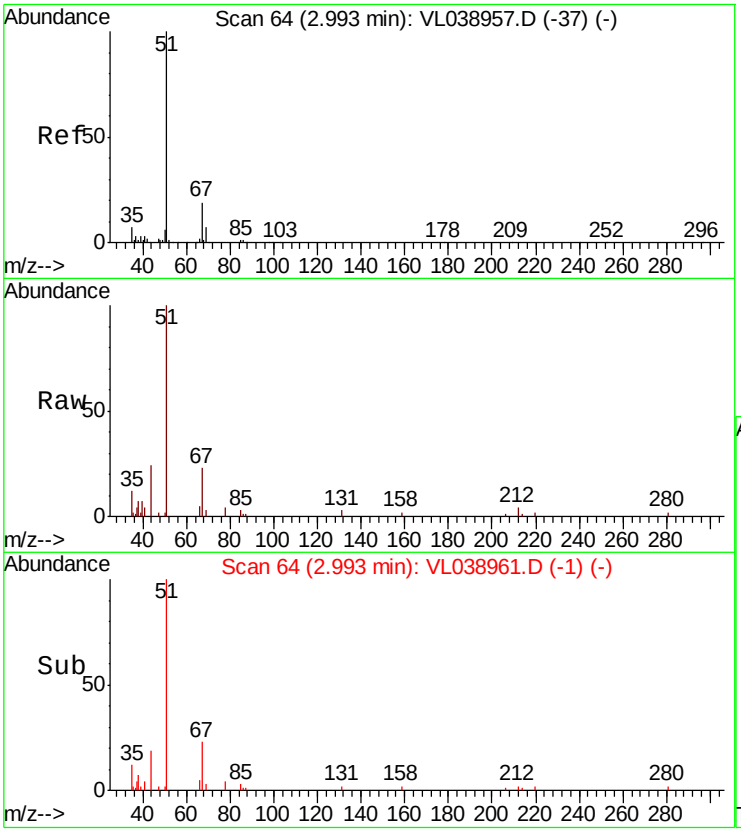


#2
Dichlorodifluoromethane
Concen: 0.119 ppbv
RT: 3.05 min Scan# 83
Delta R.T. 0.00 min
Lab File: VL038961.D
Acq: 5 May 2022 5:16

Tgt Ion: 85 Resp: 25906

Ion	Ratio	Lower	Upper
85	100		
87	38.2	25.7	38.5



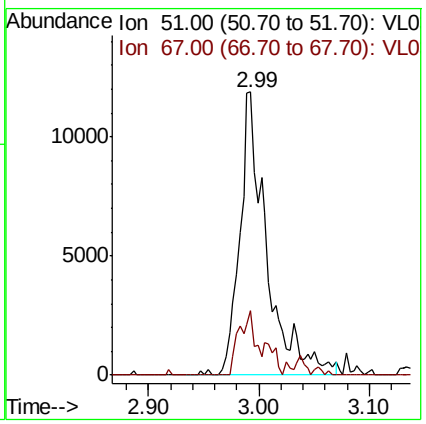


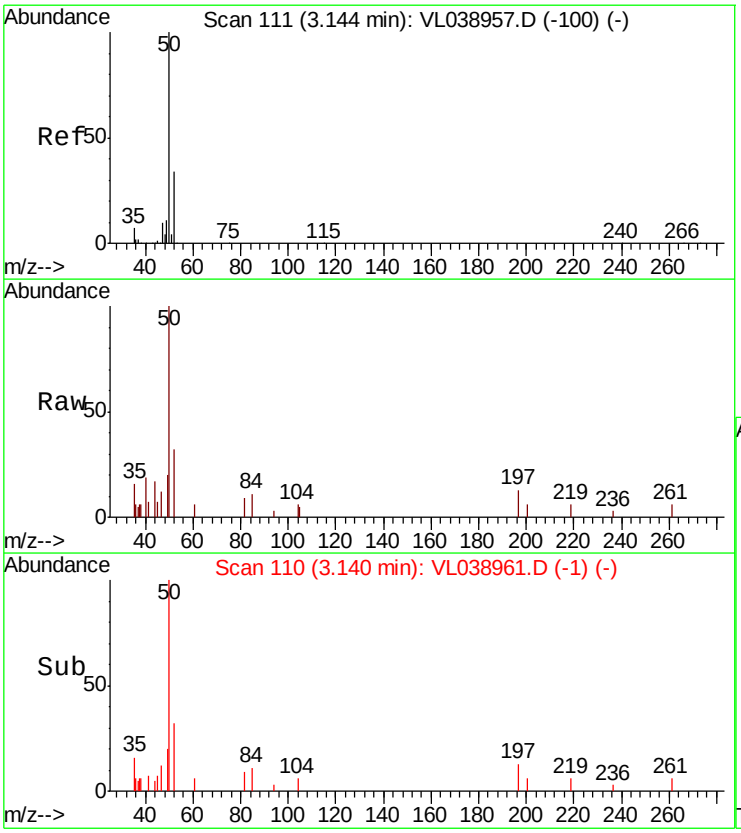
#3
Chlorodifluoromethane
Concen: 0.085 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 5 May 2022 5:16

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 20210

Ion	Ratio	Lower	Upper
51	100		
67	19.6	15.8	23.8

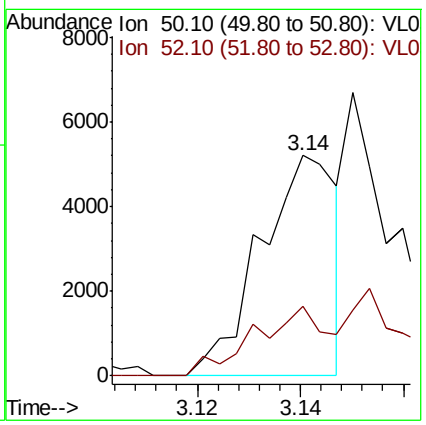


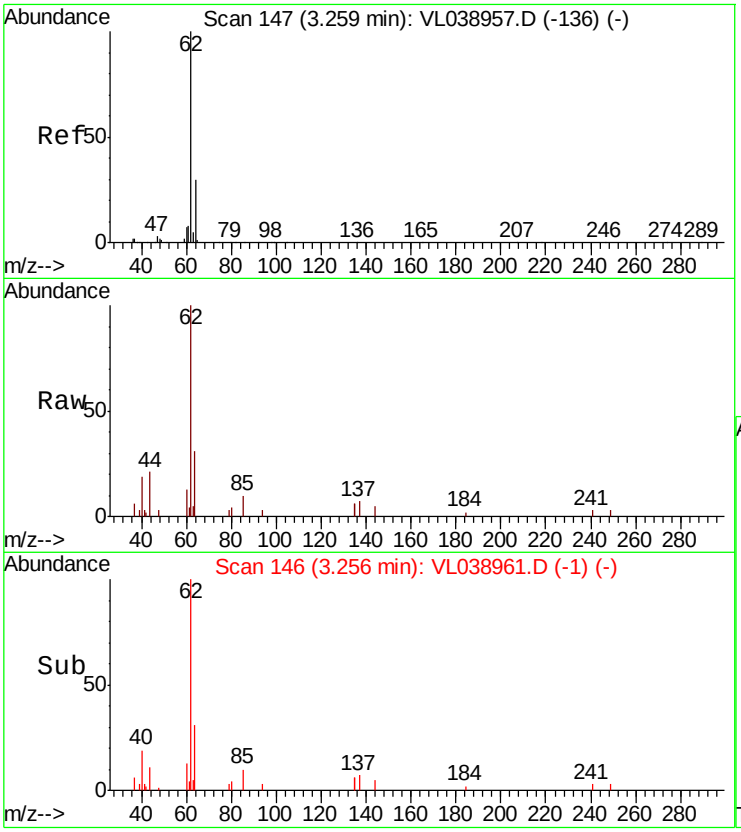


#4
Chloromethane
Concen: 0.060 ppbv
RT: 3.14 min Scan# 110
Delta R.T. -0.00 min
Lab File: VL038961.D
Acq: 5 May 2022 5:16

Tgt Ion: 50 Resp: 5322

Ion	Ratio	Lower	Upper
50	100		
52	31.8	27.3	40.9



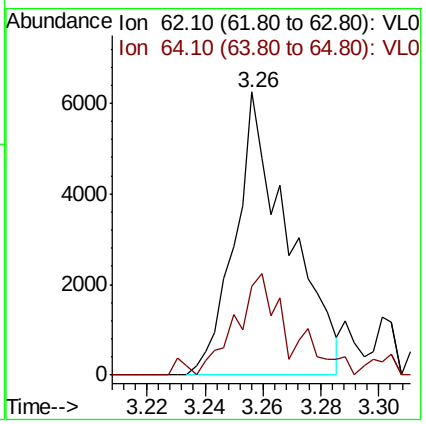


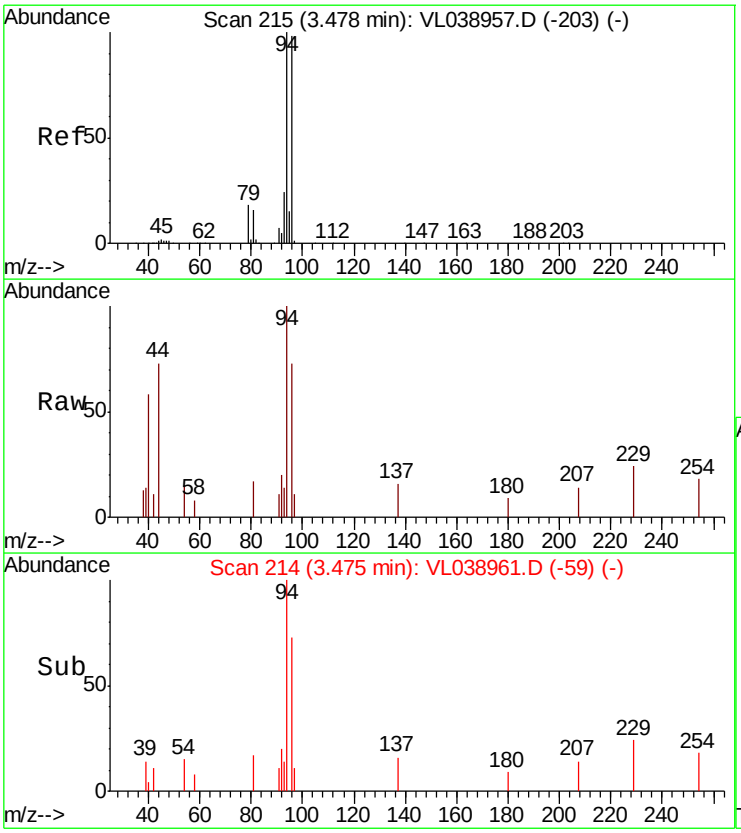
#5
Vinyl Chloride
Concen: 0.088 ppbv
RT: 3.26
Delta R.T
Lab File:
Acq: 5 May 2022 5:16

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 62 Resp: 7907

Ion	Ratio	Lower	Upper
62	100		
64	28.0	24.2	36.4

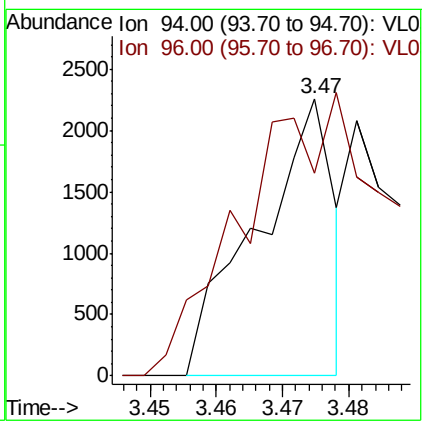


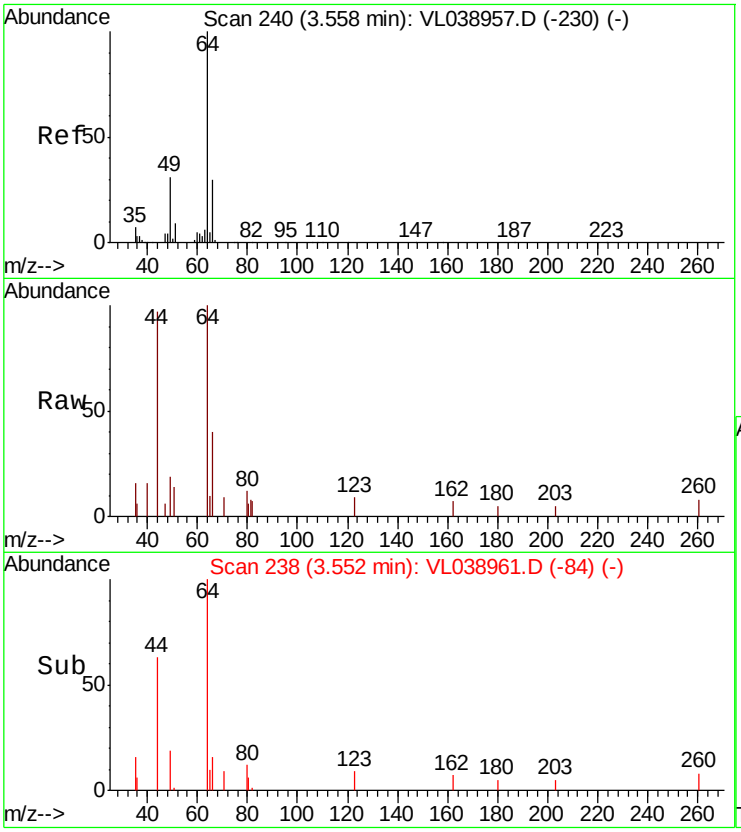


#6
Bromomethane
Concen: 0.038 ppbv
RT: 3.47 min Scan# 214
Delta R.T. -0.00 min
Lab File: VL038961.D
Acq: 5 May 2022 5:16

Tgt Ion: 94 Resp: 1821

Ion	Ratio	Lower	Upper
94	100		
96	45.6	78.1	117.1#



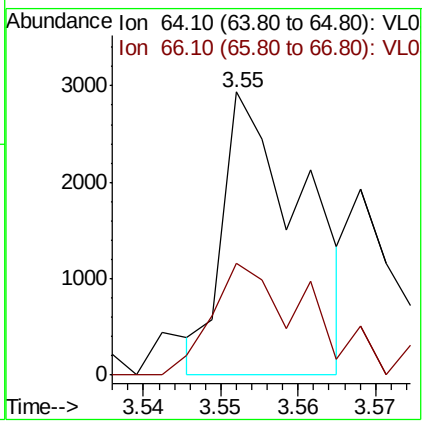


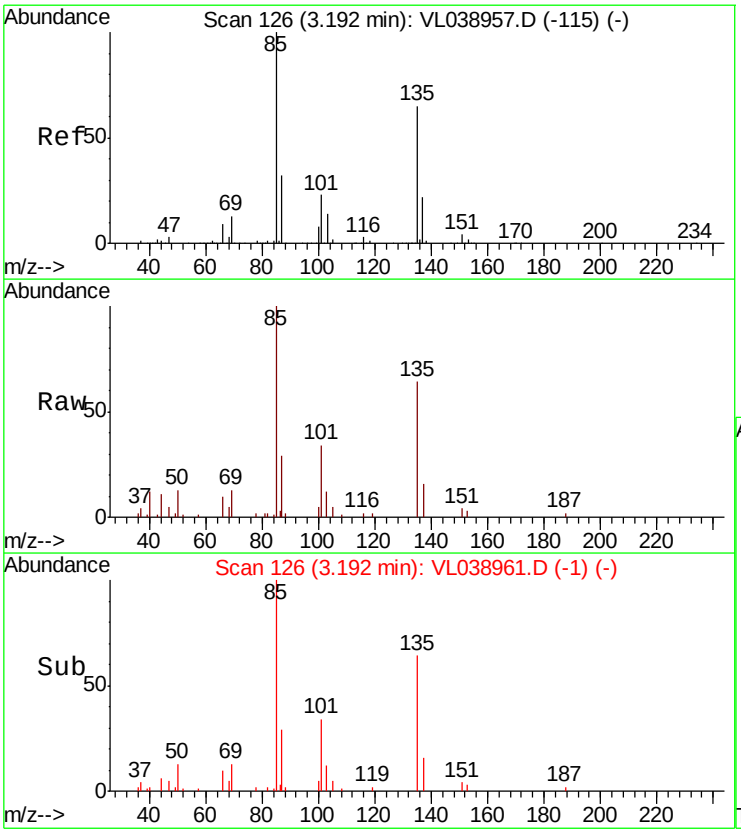
#7
Chloroethane
Concen: 0.069 ppbv
RT: 3.55
Delta R.T
Lab File:
Acq: 5 May 2022 5:16

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 64 Resp: 2107

Ion	Ratio	Lower	Upper
64	100		
66	39.7	23.8	35.8#

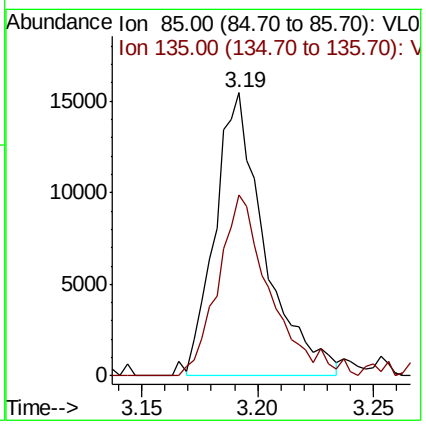


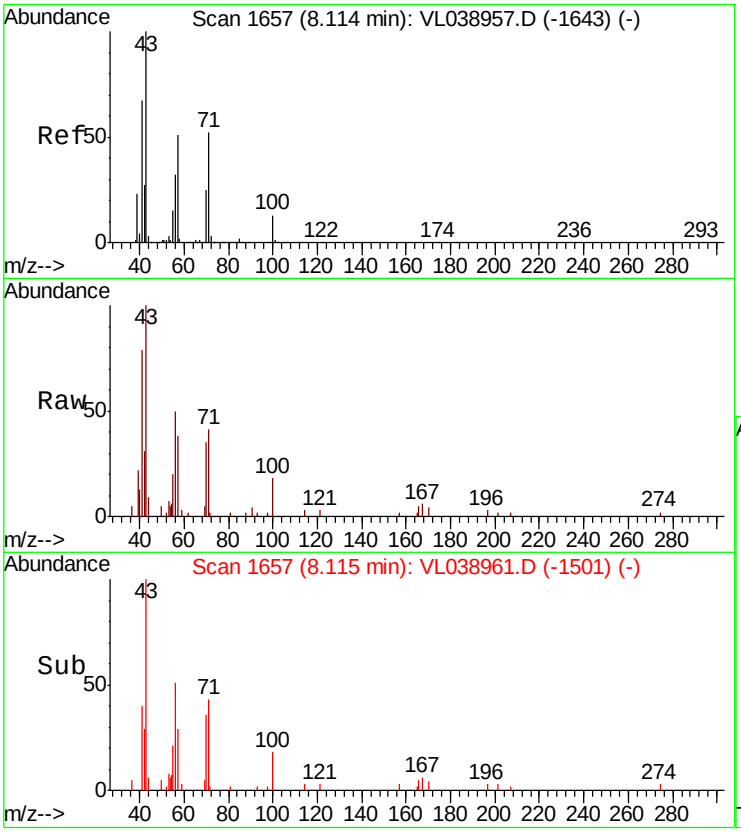


#8
Dichlorotetrafluoroethane
Concen: 0.111 ppbv
RT: 3.19 min Scan# 126
Delta R.T. 0.00 min
Lab File: VL038961.D
Acq: 5 May 2022 5:16

Tgt Ion: 85 Resp: 22987

Ion	Ratio	Lower	Upper
85	100		
135	68.7	53.6	80.4



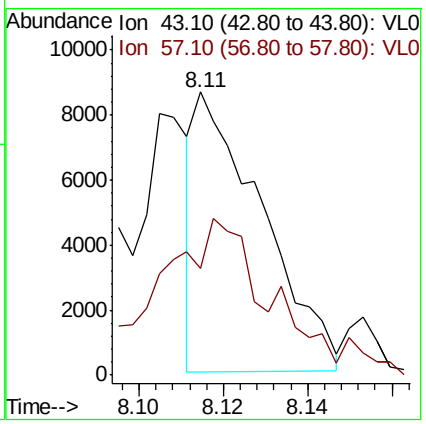


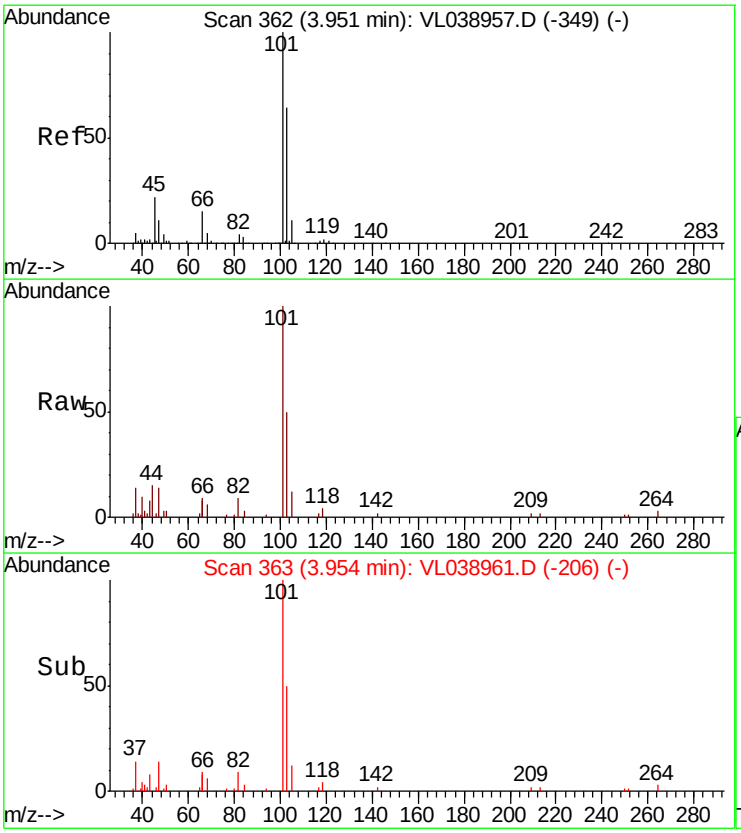
#10
Heptane
Concen: 0.048 ppbv
RT: 8.11
Delta R.T
Lab File:
Acq: 5 May 2022 5:16

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 9499

Ion	Ratio	Lower	Upper
43	100		
57	104.6	40.5	60.7#

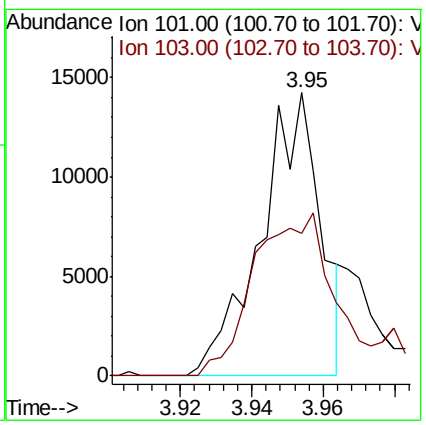


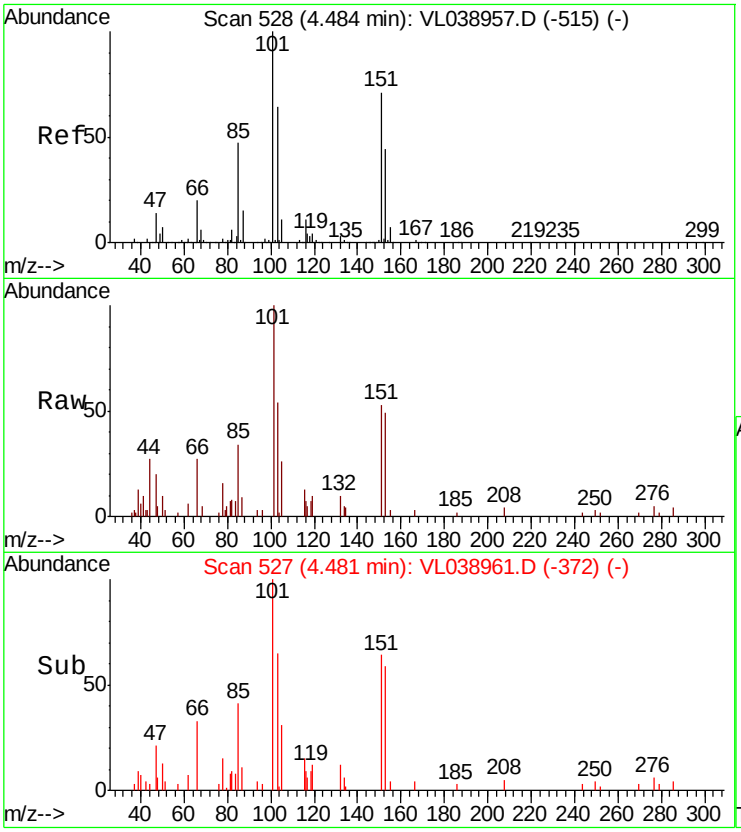


#11
Trichlorofluoromethane
Concen: 0.076 ppbv
RT: 3.95 min Scan# 363
Delta R.T. 0.00 min
Lab File: VL038961.D
Acq: 5 May 2022 5:16

Tgt Ion:101 Resp: 16436

Ion	Ratio	Lower	Upper
101	100		
103	50.4	51.5	77.3#



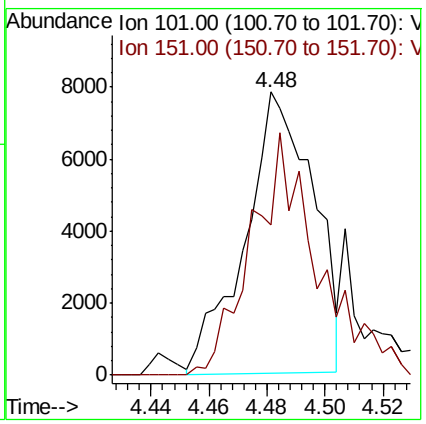


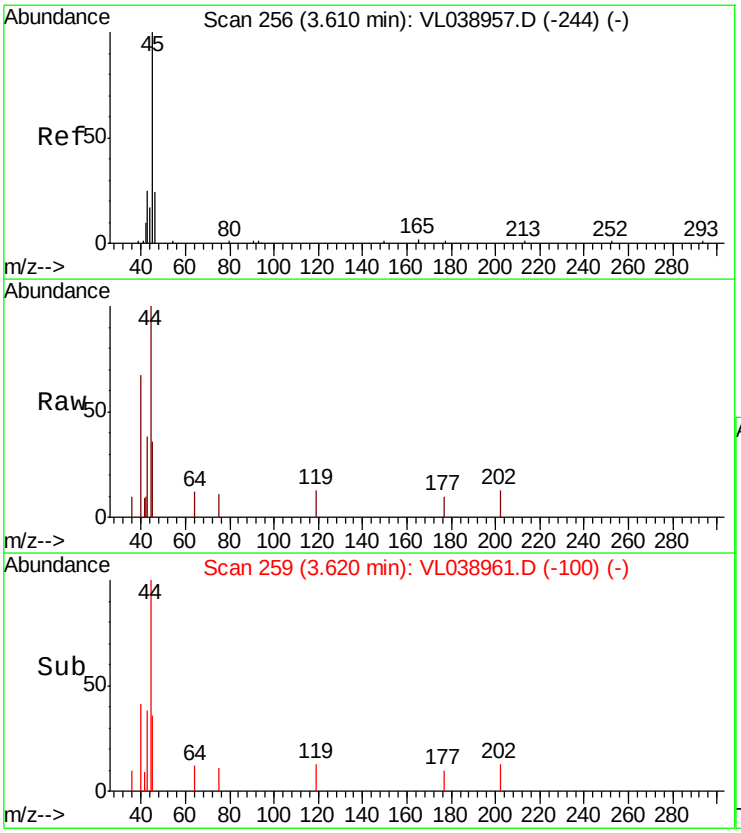
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.091 ppbv
RT: 4.48
Delta R.T
Lab File:
Acq: 5 May 2022 5:16

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 12765

Ion	Ratio	Lower	Upper
101	100		
151	86.3	55.4	83.0#

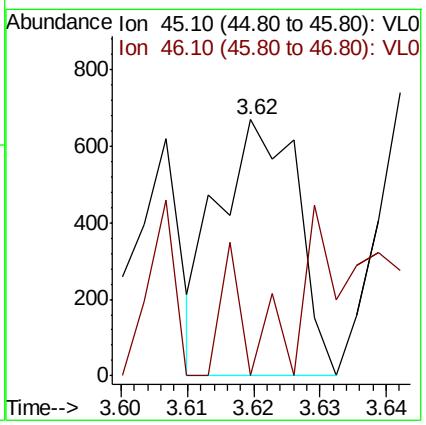


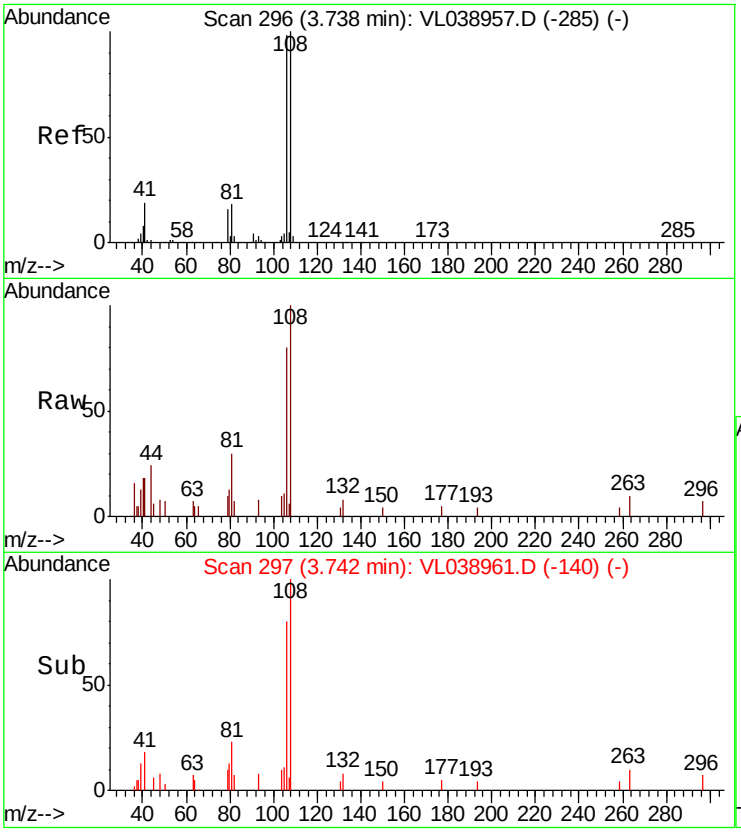


#13
Ethanol
Concen: 0.066 ppbv
RT: 3.62 min Scan# 259
Delta R.T. 0.01 min
Lab File: VL038961.D
Acq: 5 May 2022 5:16

Tgt Ion: 45 Resp: 558

Ion	Ratio	Lower	Upper
45	100		
46	100.4	18.0	72.2#



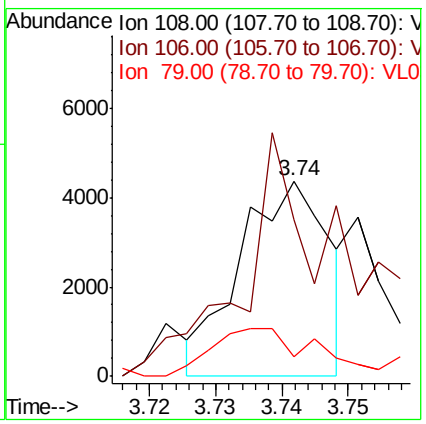


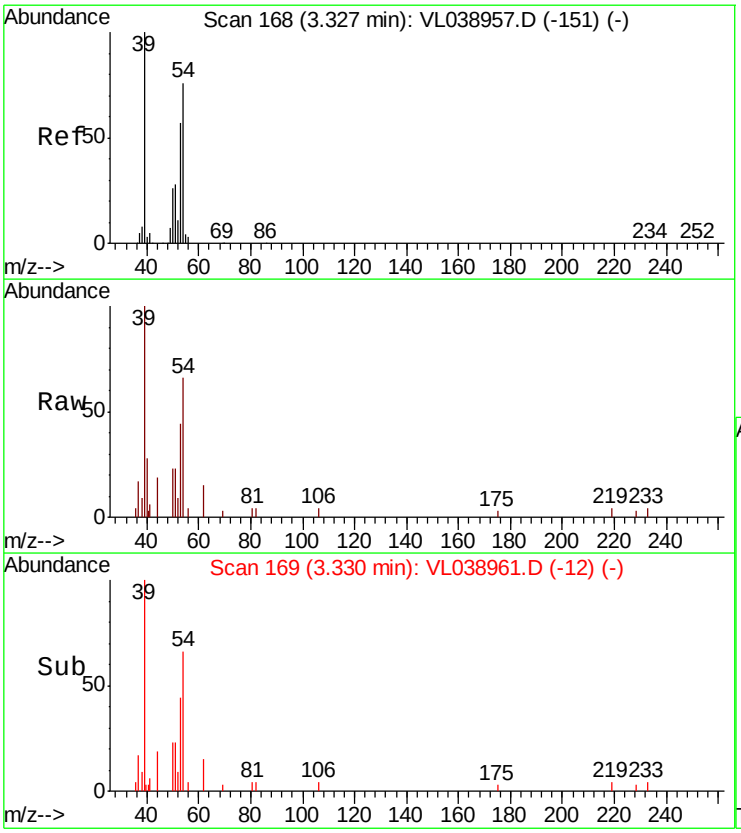
#14
Bromoethene
Concen: 0.070 ppbv
RT: 3.74
Delta R.T
Lab File:
Acq: 5 May 2022 5:16

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:108 Resp: 4060

Ion	Ratio	Lower	Upper
108	100		
106	174.7	90.3	135.5#
79	30.6	14.9	22.3#

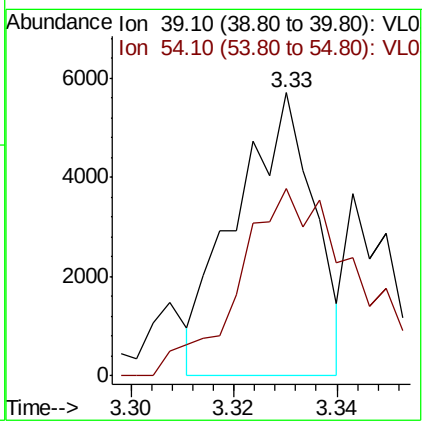


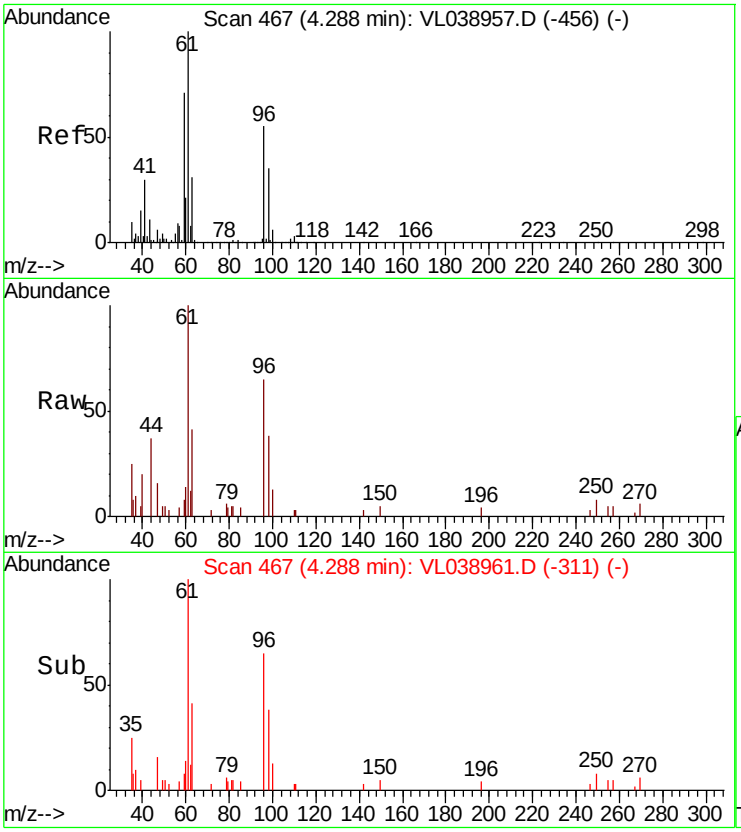


#16
1,3-Butadiene
Concen: 0.068 ppbv
RT: 3.33 min Scan# 169
Delta R.T. 0.00 min
Lab File: VL038961.D
Acq: 5 May 2022 5:16

Tgt Ion: 39 Resp: 5996

Ion	Ratio	Lower	Upper
39	100		
54	115.9	65.2	97.8#



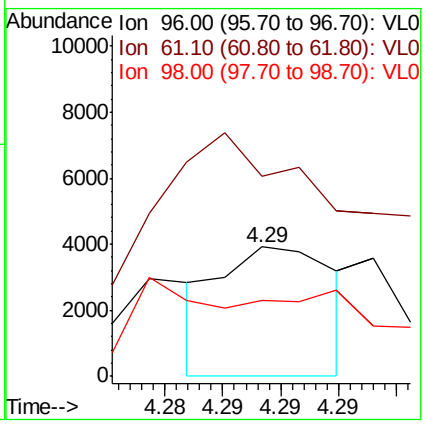


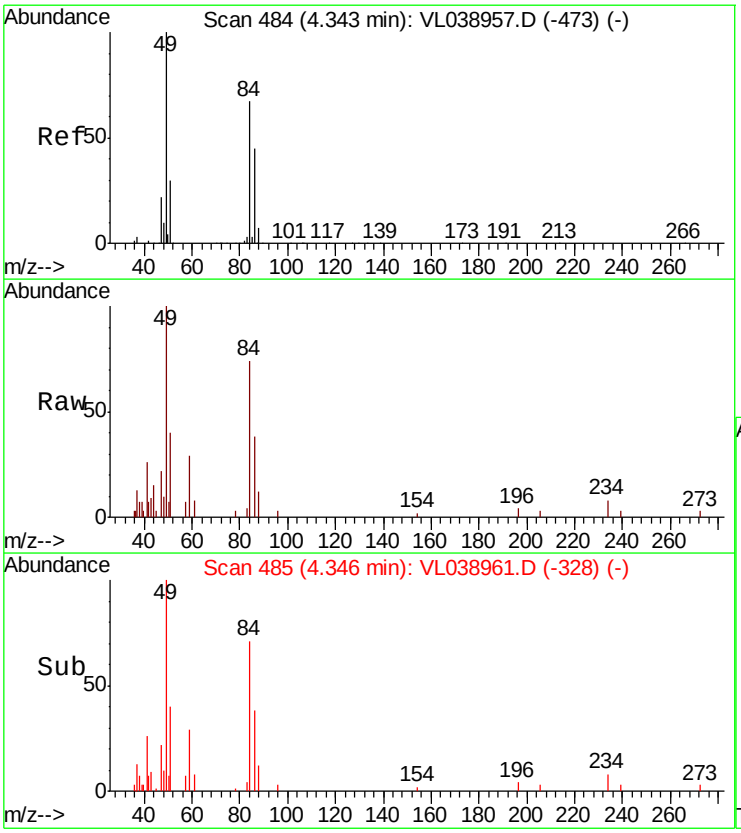
#18
1,1-Dichloroethene
Concen: 0.043 ppbv
RT: 4.29
Delta R.T
Lab File:
Acq: 5 May 2022 5:16

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 96 Resp: 2683

Ion	Ratio	Lower	Upper
96	100		
61	94.3	146.3	219.5#
98	0.6	50.6	75.8#

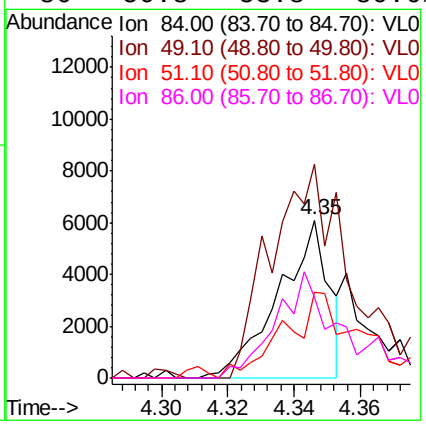


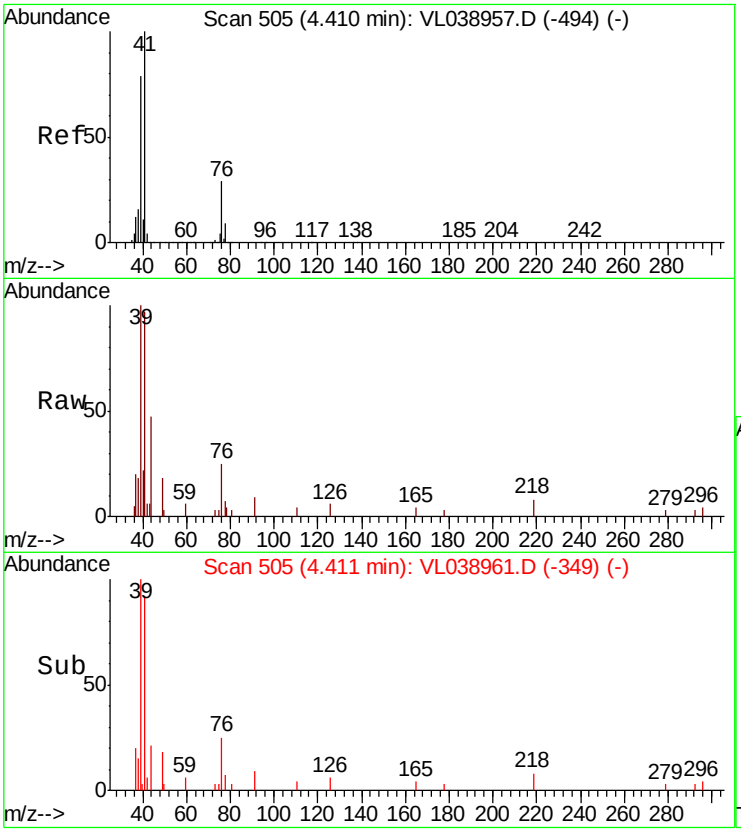


#20
Methylene Chloride
Concen: 0.108 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.00 min
Lab File: VL038961.D
Acq: 5 May 2022 5:16

Tgt Ion: 84 Resp: 6461

Ion	Ratio	Lower	Upper
84	100		
49	135.3	119.9	179.9
51	49.5	35.7	53.5
86	50.8	53.8	80.6#



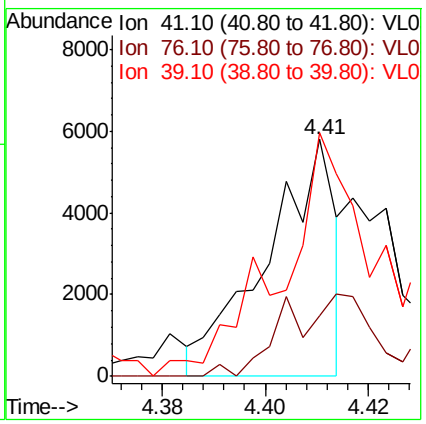


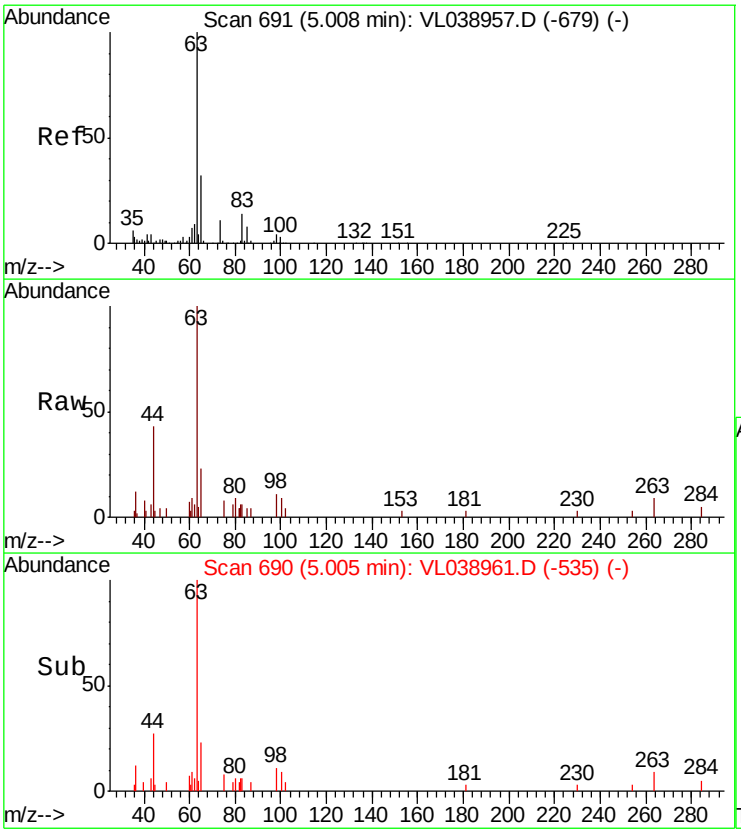
#21
Allyl Chloride
Concen: 0.052 ppbv
RT: 4.41
Delta R.T
Lab File:
Acq: 5 May 2022 5:16

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 5327

Ion	Ratio	Lower	Upper
41	100		
76	0.0	24.2	36.4#
39	186.5	63.8	95.8#

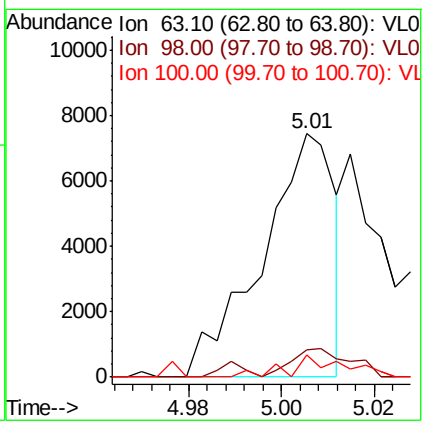


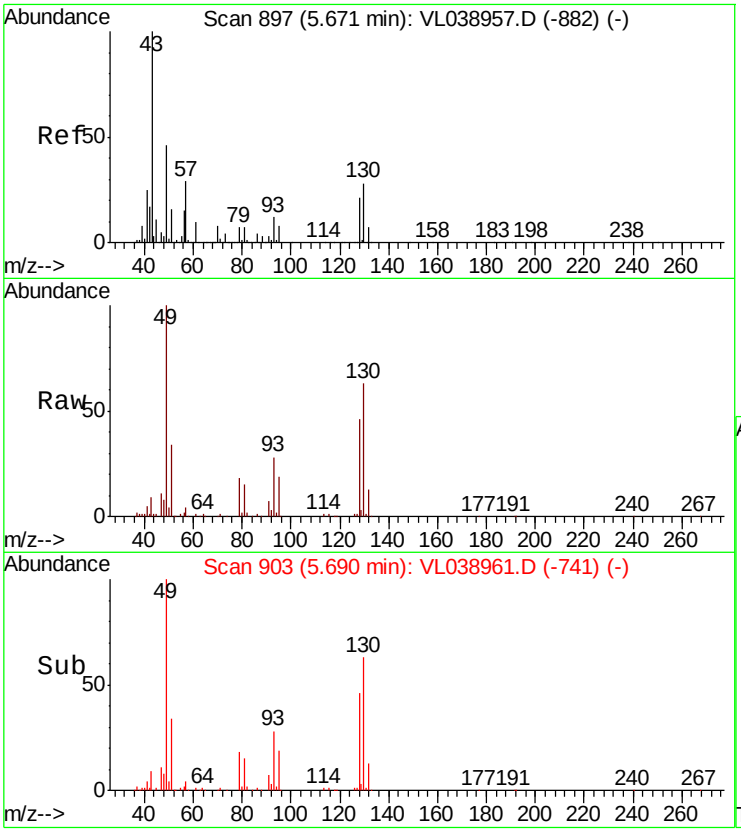


#24
1,1-Dichloroethane
Concen: 0.052 ppbv
RT: 5.01 min Scan# 690
Delta R.T. -0.00 min
Lab File: VL038961.D
Acq: 5 May 2022 5:16

Tgt Ion: 63 Resp: 8102

Ion	Ratio	Lower	Upper
63	100		
98	10.5	2.1	6.2#
100	8.9	1.4	4.2#



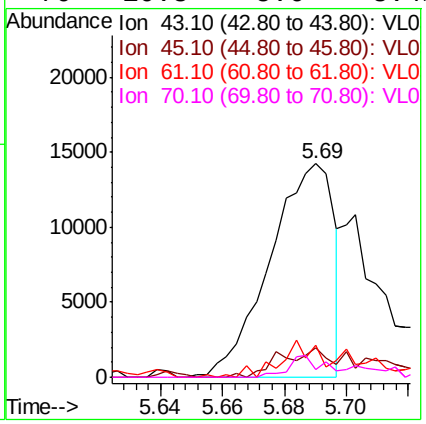


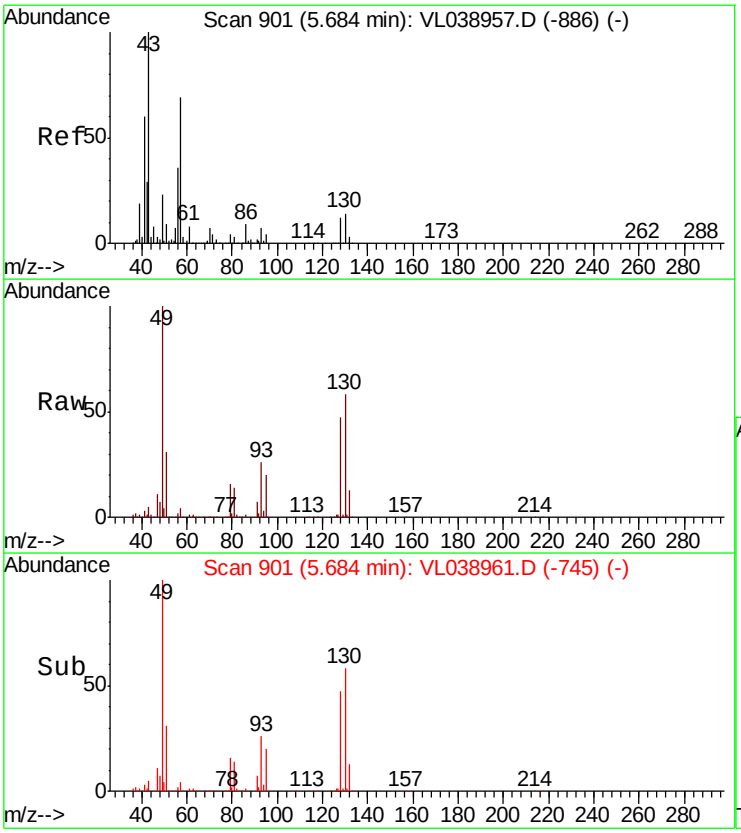
#25
Ethyl Acetate
Concen: 0.065 ppbv
RT: 5.69
Delta R.T
Lab File:
Acq: 5 May 2022 5:16

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 20349

Ion	Ratio	Lower	Upper
43	100		
45	19.9	8.1	12.1#
61	19.9	7.8	11.6#
70	10.8	5.6	8.4#

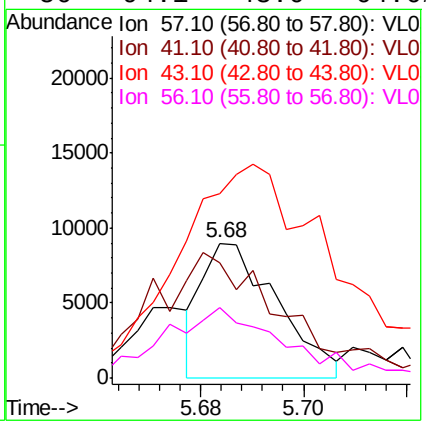


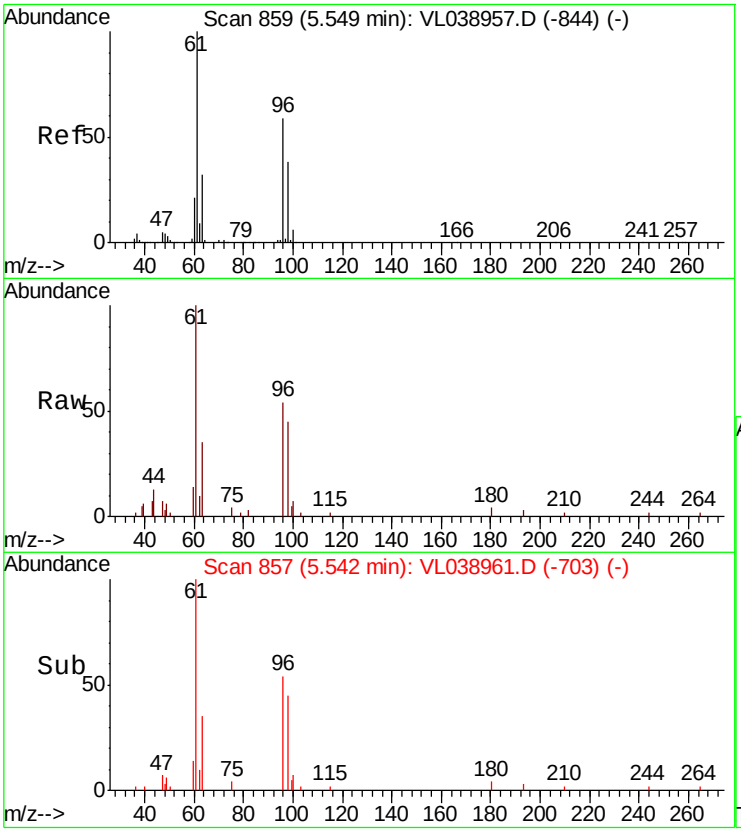


#26
Hexane
Concen: 0.063 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.00 min
Lab File: VL038961.D
Acq: 5 May 2022 5:16

Tgt Ion: 57 Resp: 9044

Ion	Ratio	Lower	Upper
57	100		
41	179.6	75.2	112.8#
43	407.4	190.8	286.2#
56	94.1	43.0	64.6#



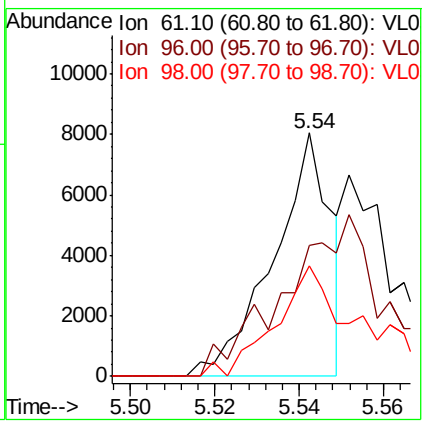


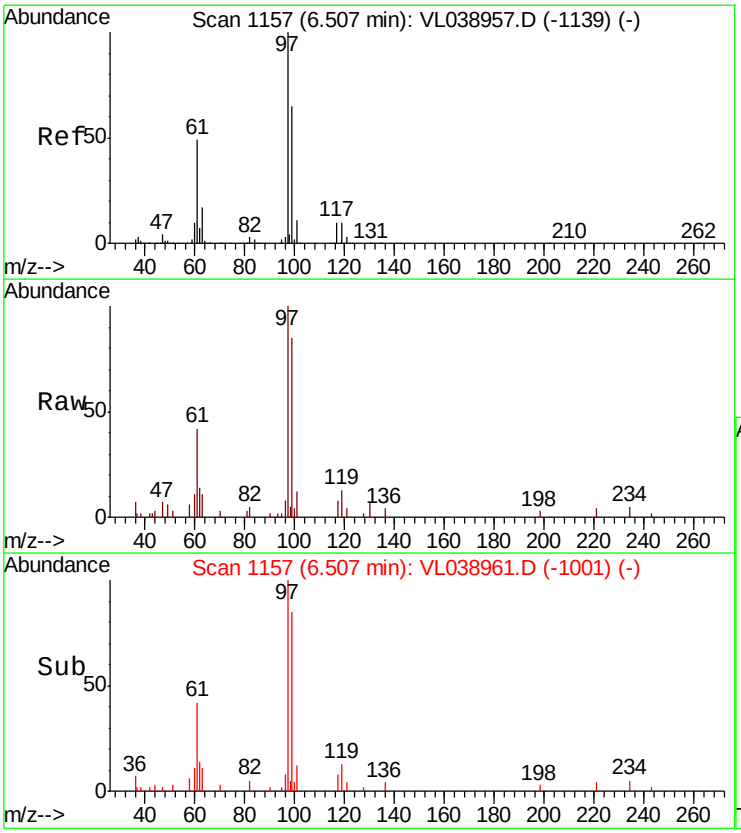
#31
cis-1,2-Dichloroethene
Concen: 0.054 ppbv
RT: 5.54
Delta R.T
Lab File:
Acq: 5 May 2022 5:16

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 61 Resp: 7570

Ion	Ratio	Lower	Upper
61	100		
96	53.7	47.4	71.0
98	45.2	30.6	45.8

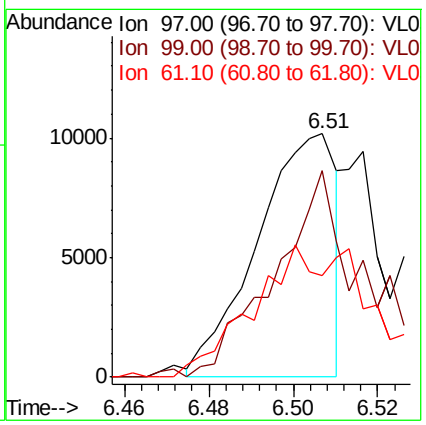


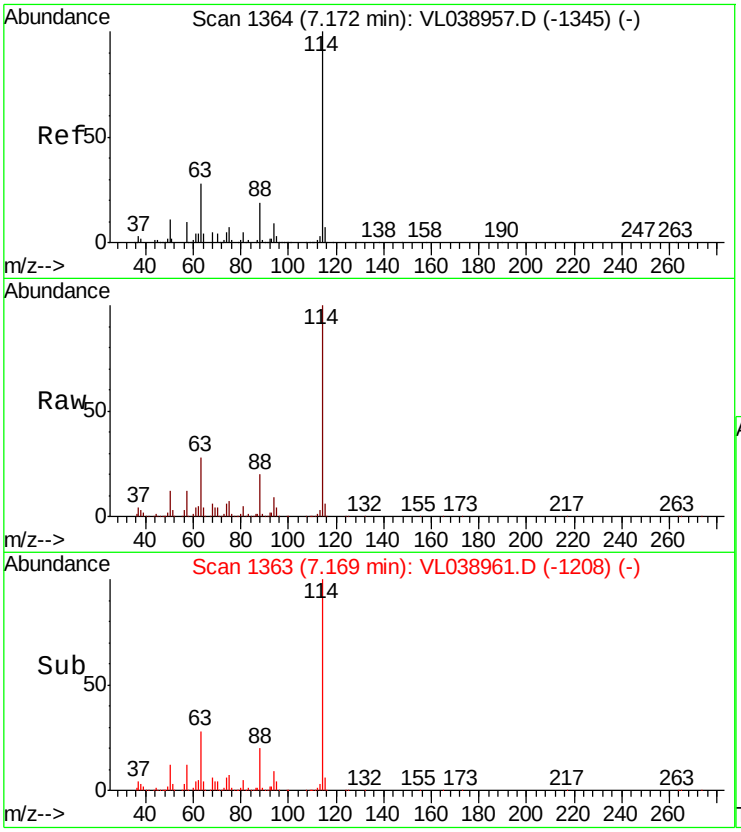


#32
1,1,1-Trichloroethane
Concen: 0.057 ppbv
RT: 6.51 min Scan# 1157
Delta R.T. 0.00 min
Lab File: VL038961.D
Acq: 5 May 2022 5:16

Tgt Ion: 97 Resp: 13291

Ion	Ratio	Lower	Upper
97	100		
99	106.6	51.9	77.9#
61	88.5	40.9	61.3#



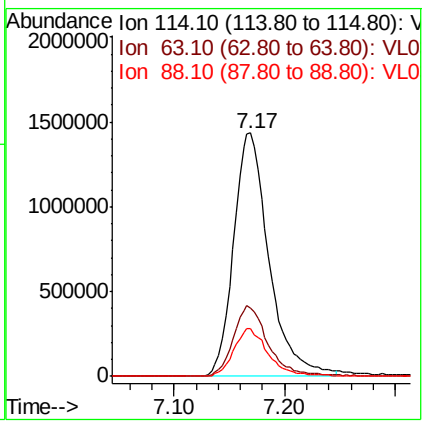


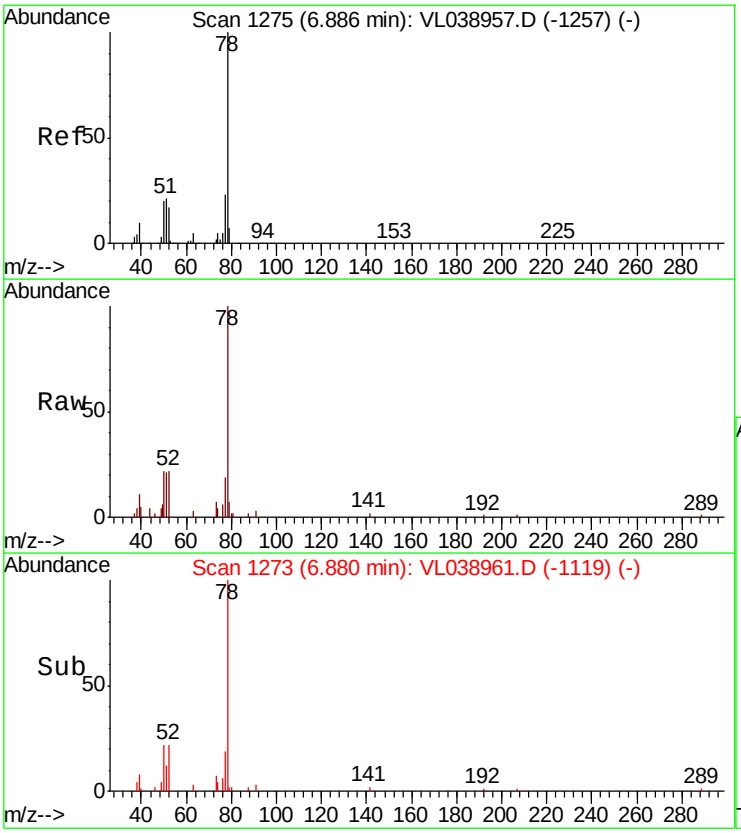
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 5 May 2022 5:16

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 3188339

Ion	Ratio	Lower	Upper
114	100		
63	28.7	22.6	33.8
88	19.6	15.4	23.0

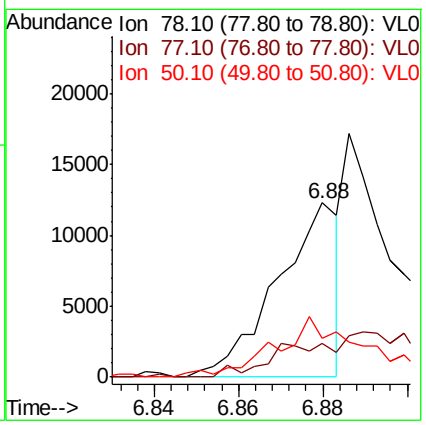


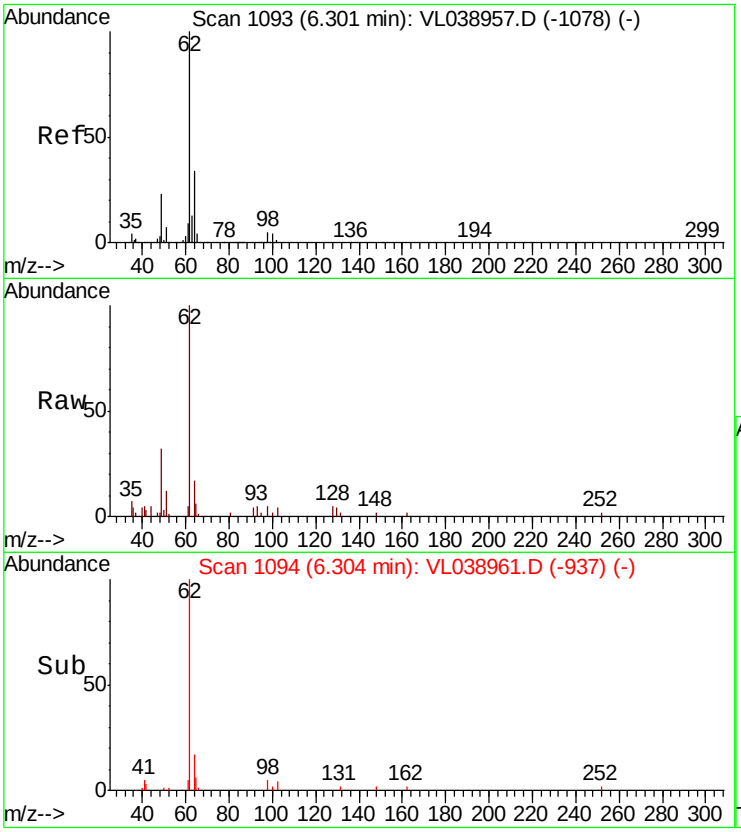


#36
Benzene
Concen: 0.043 ppbv
RT: 6.88 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VL038961.D
Acq: 5 May 2022 5:16

Tgt Ion: 78 Resp: 12466

Ion	Ratio	Lower	Upper
78	100		
77	19.5	18.6	28.0
50	20.2	15.6	23.4



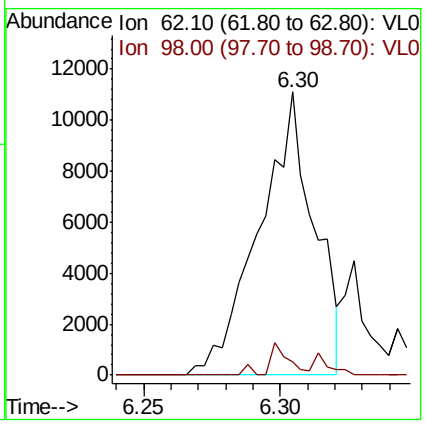


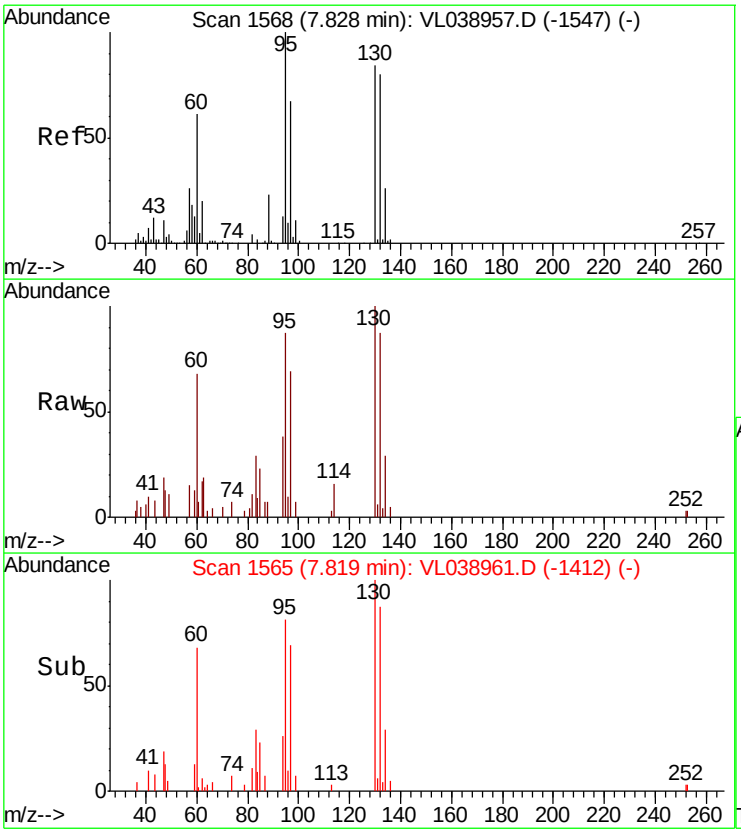
#37
1,2-Dichloroethane
Concen: 0.089 ppbv
RT: 6.30
Delta R.T
Lab File:
Acq: 5 May 2022 5:16

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 62 Resp: 15534

Ion	Ratio	Lower	Upper
62	100		
98	6.2	4.5	6.7

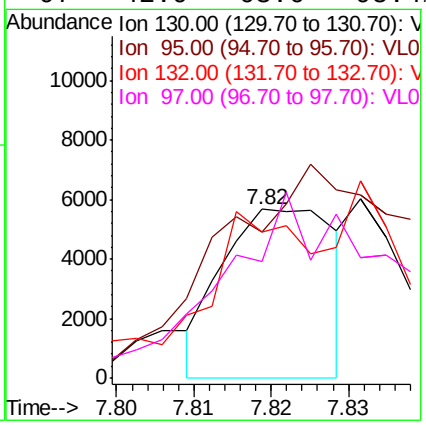


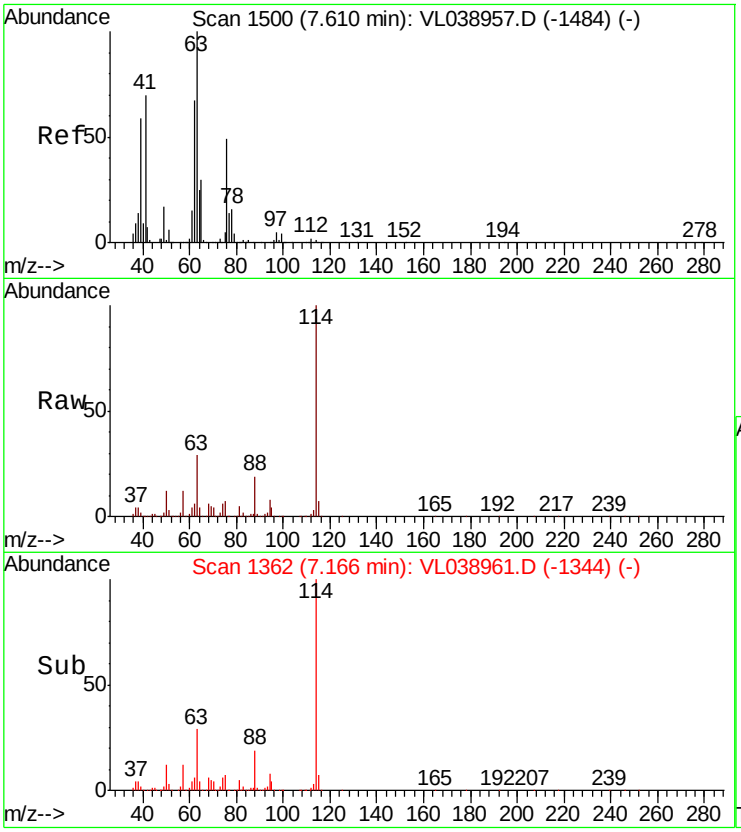


#38
Trichloroethene
Concen: 0.049 ppbv
RT: 7.82 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VL038961.D
Acq: 5 May 2022 5:16

Tgt Ion:130 Resp: 5743

Ion	Ratio	Lower	Upper
130	100		
95	55.6	94.8	142.2#
132	68.5	75.8	113.8#
97	42.9	63.6	95.4#



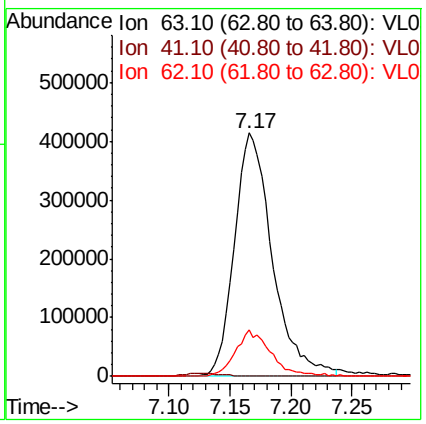


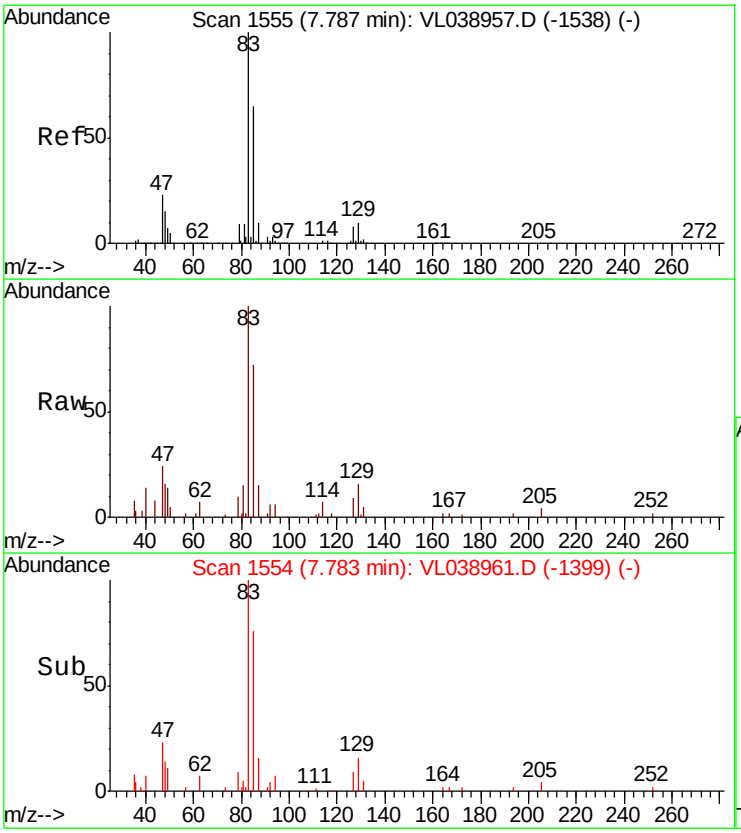
#39
1,2-Dichloropropane
Concen: 7.562 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 5 May 2022 5:16

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 891114

Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.9	83.9#
62	19.1	53.8	80.6#

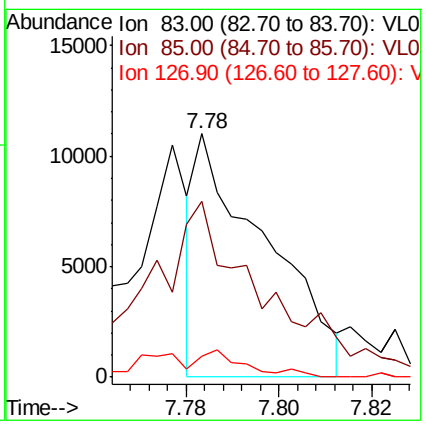


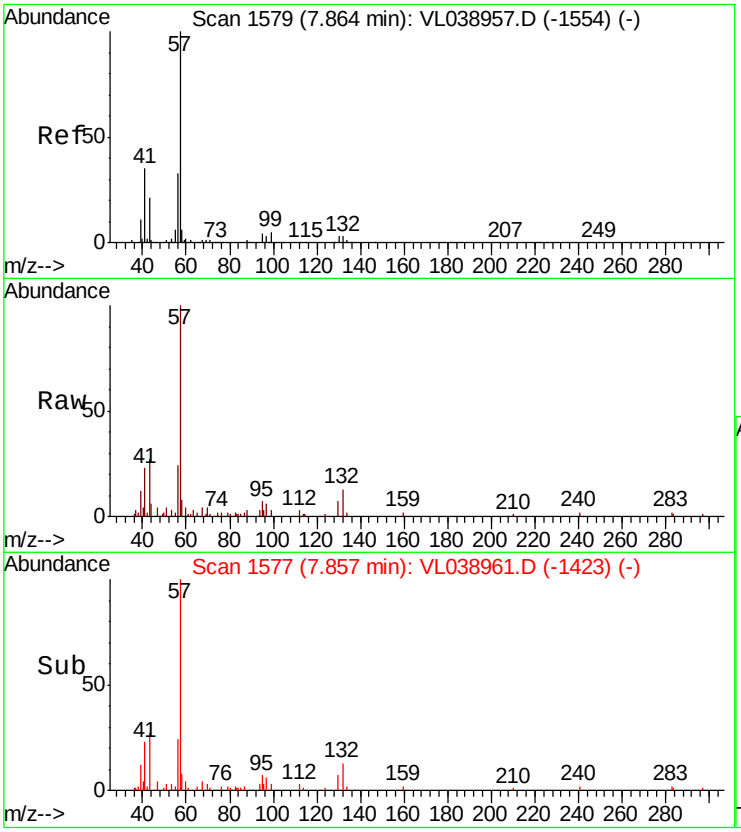


#42
Bromodichloromethane
Concen: 0.049 ppbv
RT: 7.78 min Scan# 1554
Delta R.T. -0.00 min
Lab File: VL038961.D
Acq: 5 May 2022 5:16

Tgt Ion: 83 Resp: 11601

Ion	Ratio	Lower	Upper
83	100		
85	68.0	52.0	78.0
127	10.4	6.0	9.0#



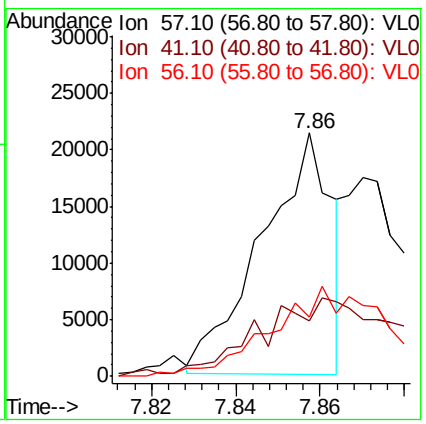


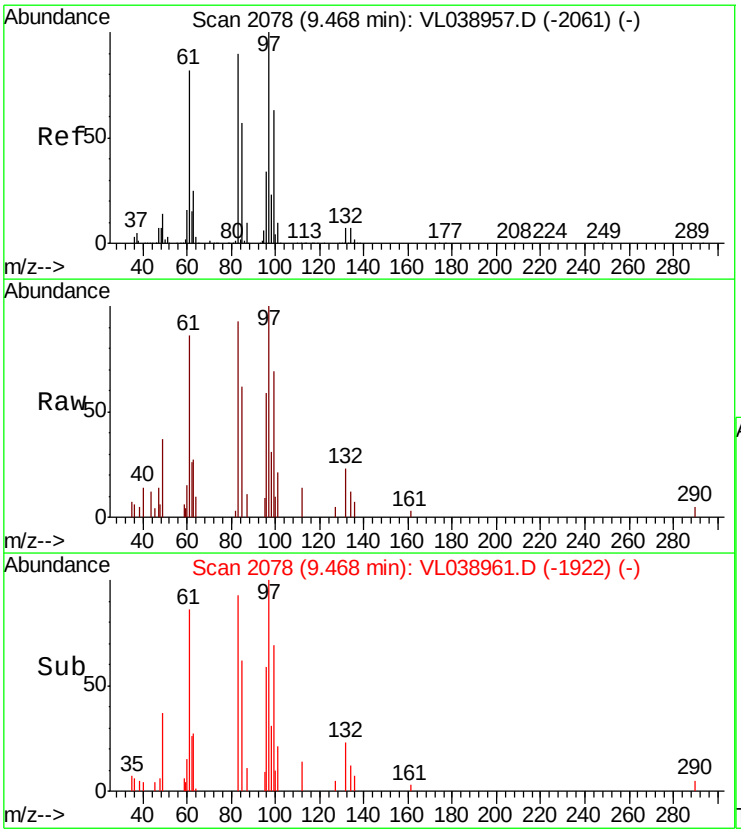
#44
2,2,4-Trimethylpentane
Concen: 0.048 ppbv
RT: 7.86
Delta R.T
Lab File:
Acq: 5 May 2022 5:16

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 24450

Ion	Ratio	Lower	Upper
57	100		
41	73.5	26.3	39.5#
56	69.7	24.6	37.0#

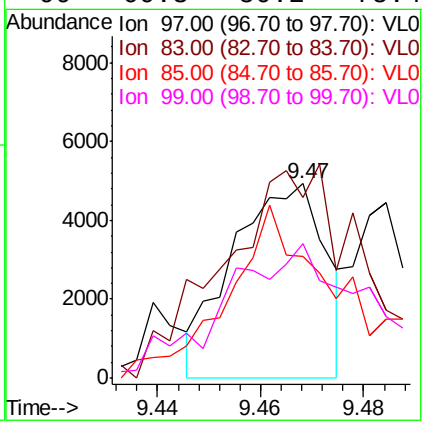


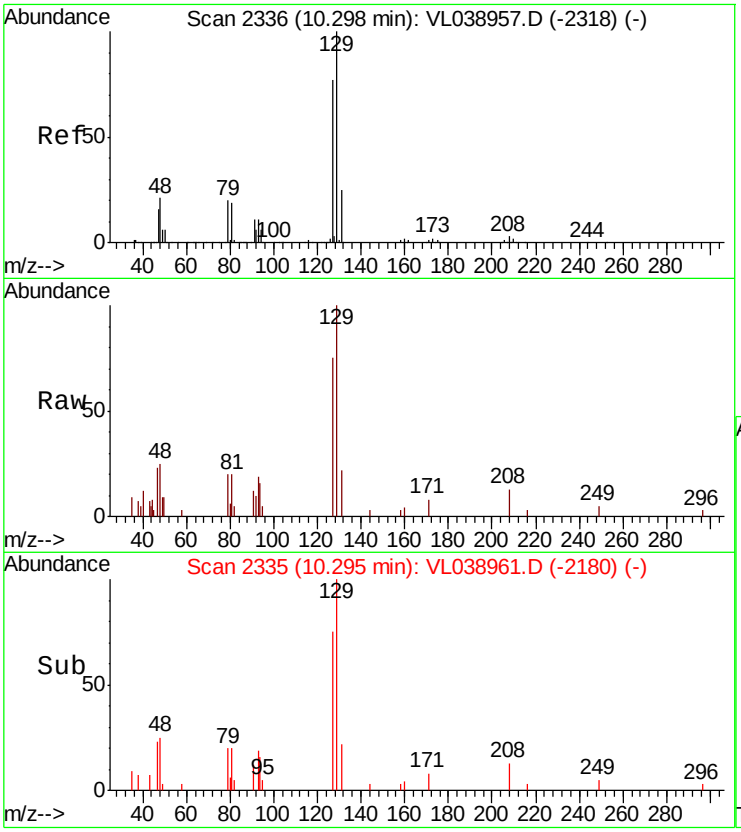


#47
1,1,2-Trichloroethane
Concen: 0.051 ppbv
RT: 9.47 min Scan# 2078
Delta R.T. 0.00 min
Lab File: VL038961.D
Acq: 5 May 2022 5:16

Tgt Ion: 97 Resp: 6163

Ion	Ratio	Lower	Upper
97	100		
83	55.8	72.0	108.0#
85	60.2	45.7	68.5
99	60.3	50.2	75.4



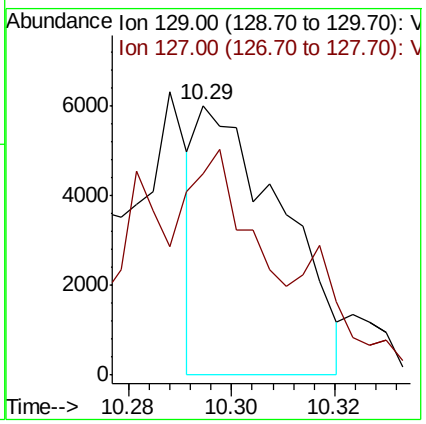


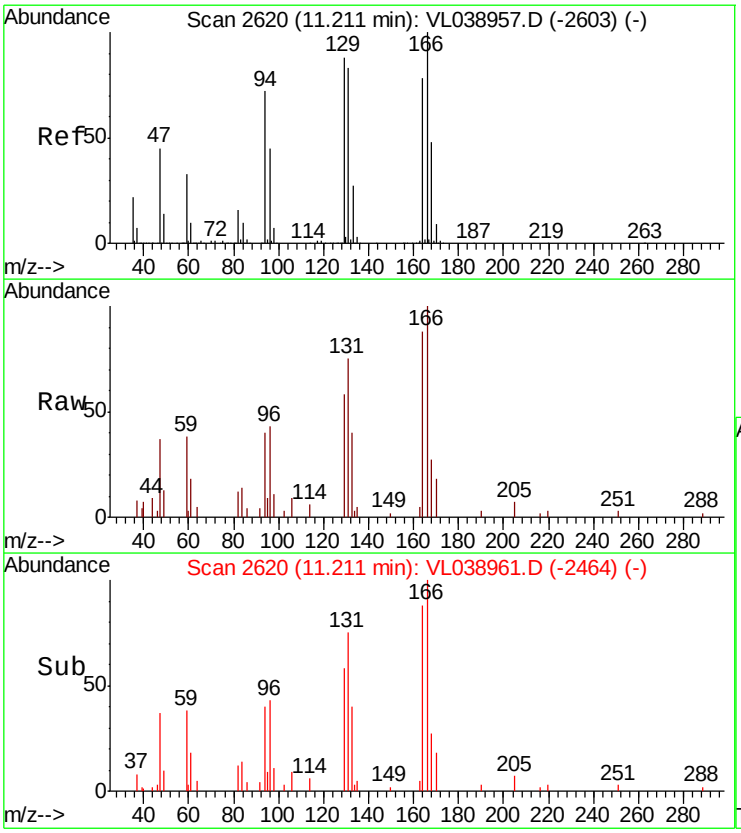
#48
Dibromochloromethane
Concen: 0.037 ppbv
RT: 10.29
Delta R.T
Lab File:
Acq: 5 May 2022 5:16

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:129 Resp: 6822

Ion	Ratio	Lower	Upper
129	100		
127	161.6	39.3	117.9#

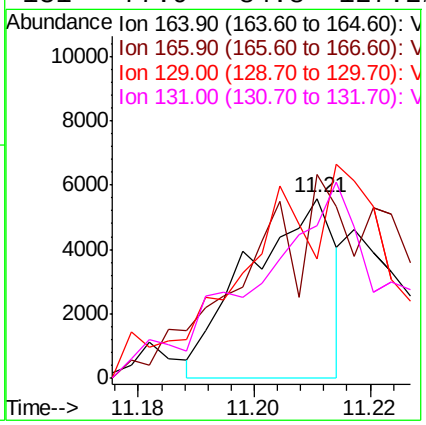


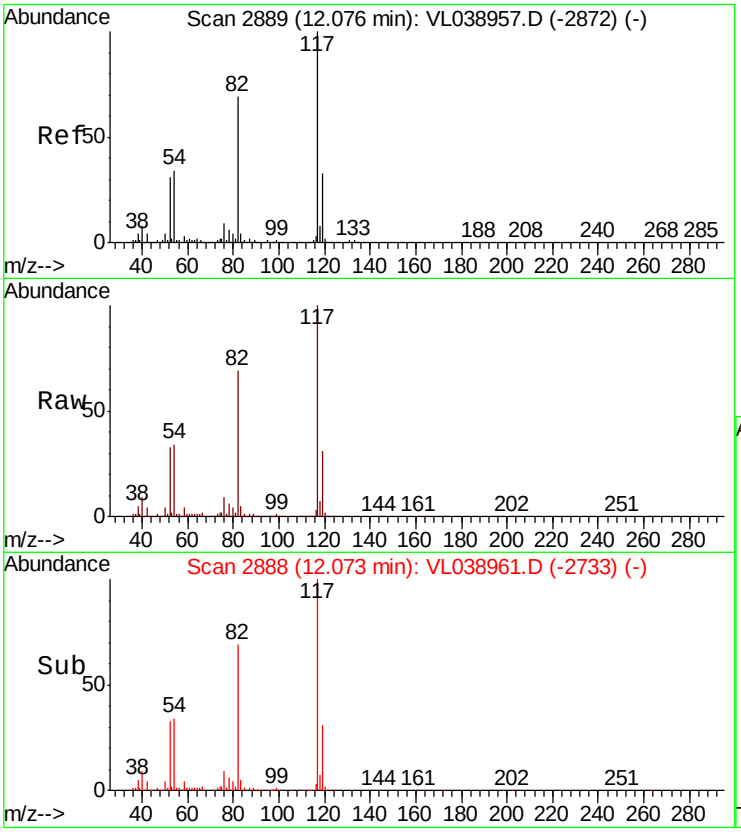


#52
Tetrachloroethene
Concen: 0.054 ppbv
RT: 11.21 min Scan# 2620
Delta R.T. 0.00 min
Lab File: VL038961.D
Acq: 5 May 2022 5:16

Tgt Ion:164 Resp: 5772

Ion	Ratio	Lower	Upper
164	100		
166	96.8	102.5	153.7#
129	50.1	90.1	135.1#
131	77.9	84.8	127.2#



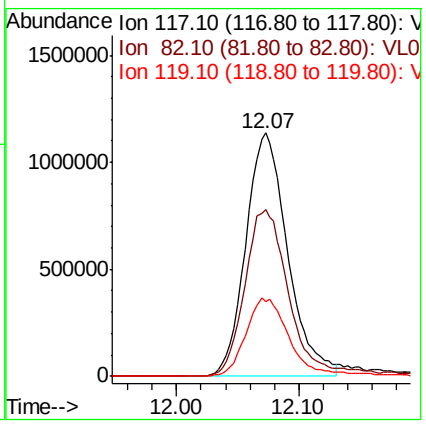


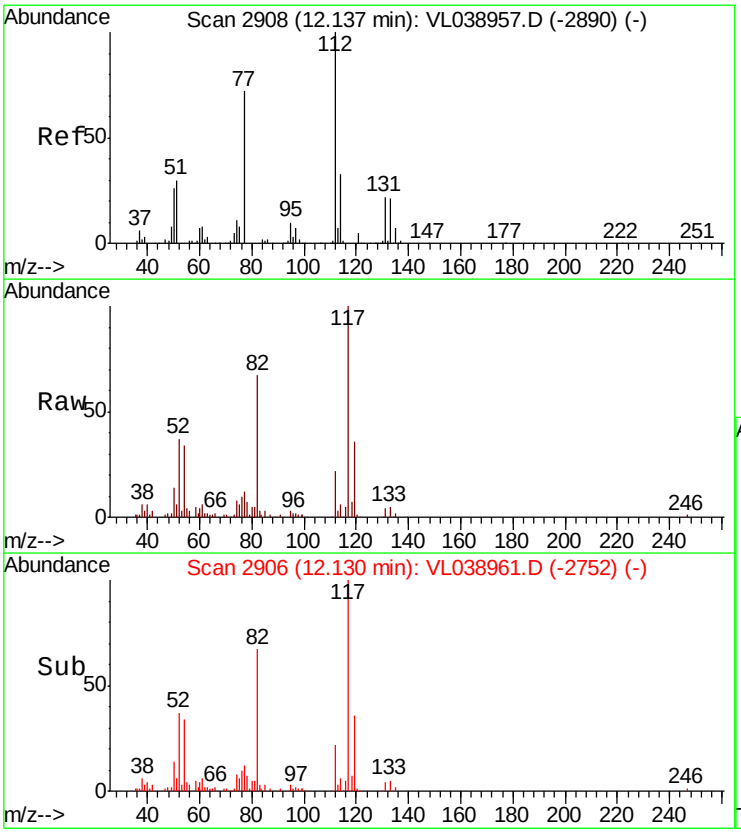
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07
Delta R.T
Lab File:
Acq: 5 May 2022 5:16

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2693755

Ion	Ratio	Lower	Upper
117	100		
82	76.0	57.0	85.6
119	34.3	27.2	40.8

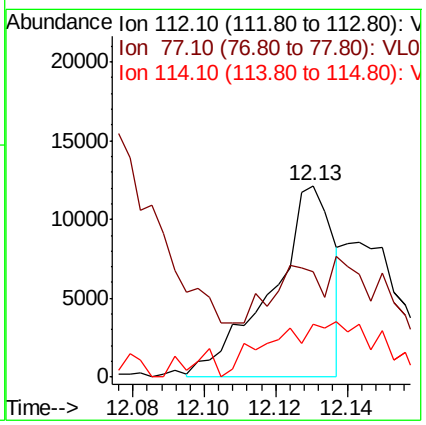


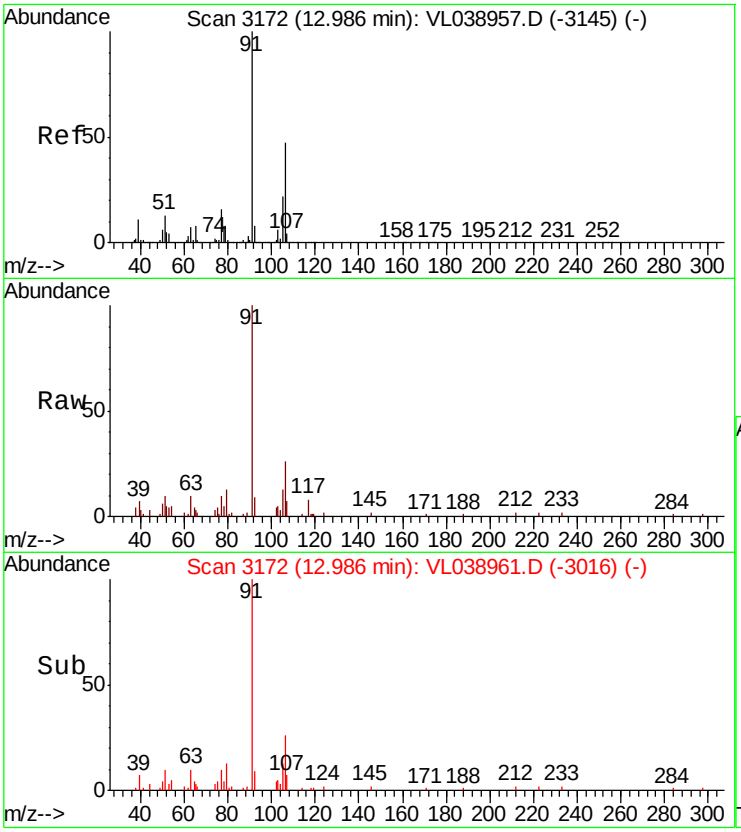


#57
Chlorobenzene
Concen: 0.064 ppbv
RT: 12.13 min Scan# 2906
Delta R.T. -0.01 min
Lab File: VL038961.D
Acq: 5 May 2022 5:16

Tgt Ion:112 Resp: 14501

Ion	Ratio	Lower	Upper
112	100		
77	11.1	57.7	86.5#
114	24.4	30.1	36.7#



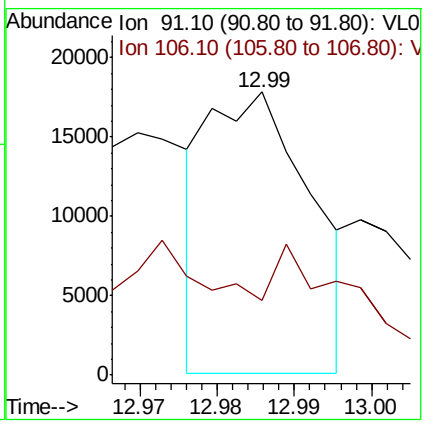


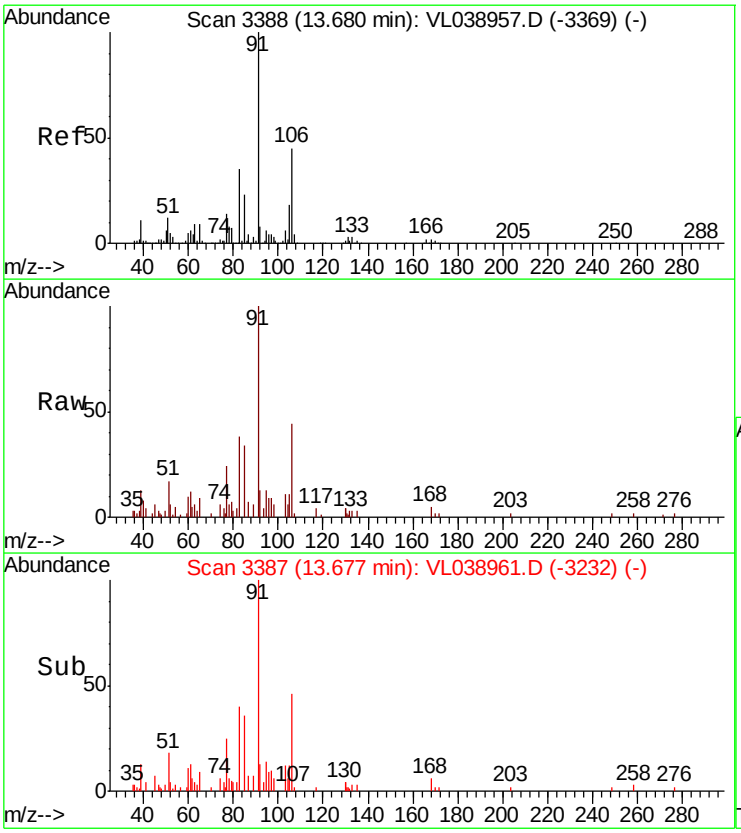
#59
m/p-Xylene
Concen: 0.048 ppbv
RT: 12.99
Delta R.T
Lab File:
Acq: 5 May 2022 5:16

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 16305

Ion	Ratio	Lower	Upper
91	100		
106	0.0	34.6	52.0#

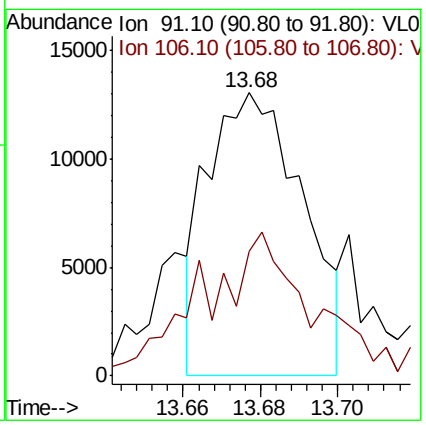


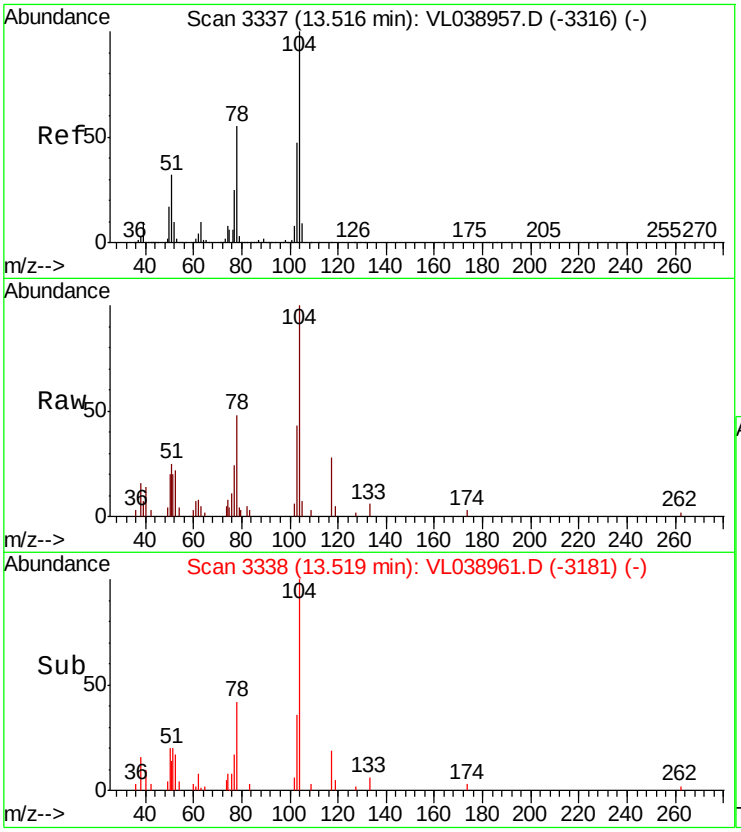


#60
o-Xylene
Concen: 0.068 ppbv
RT: 13.68 min Scan# 3387
Delta R.T. -0.00 min
Lab File: VL038961.D
Acq: 5 May 2022 5:16

Tgt Ion: 91 Resp: 22351

Ion	Ratio	Lower	Upper
91	100		
106	60.7	22.2	66.6



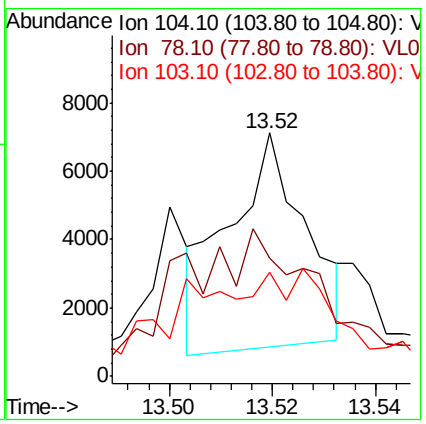


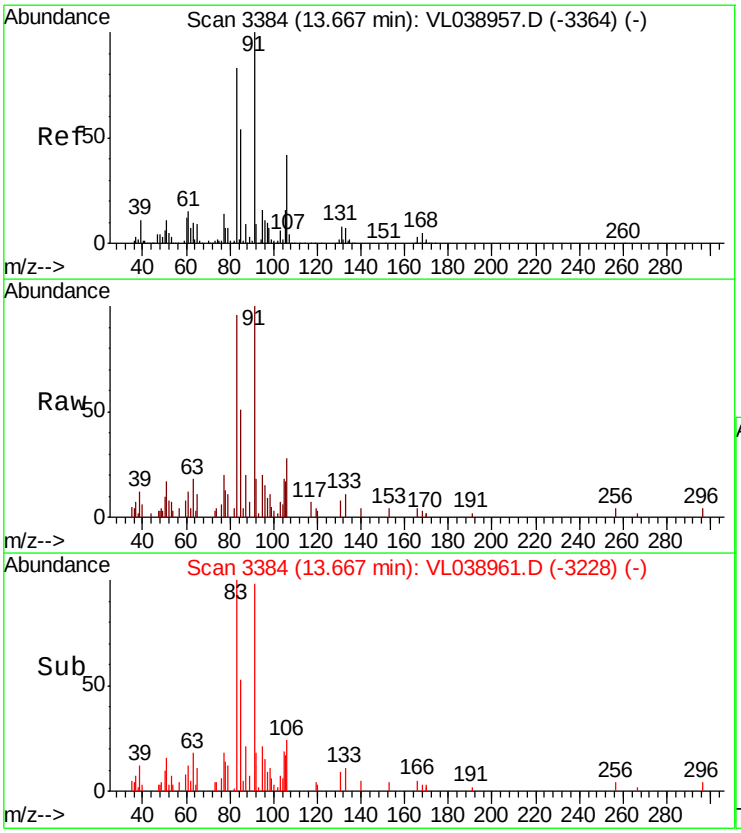
#61
Stvrene
Concen: 0.040 ppbv
RT: 13.52
Delta R.T
Lab File:
Acq: 5 May 2022 5:16

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:104 Resp: 6507

Ion	Ratio	Lower	Upper
104	100		
78	144.1	46.4	69.6#
103	0.0	39.3	58.9#

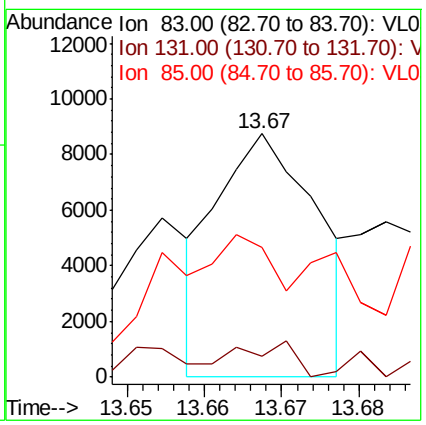


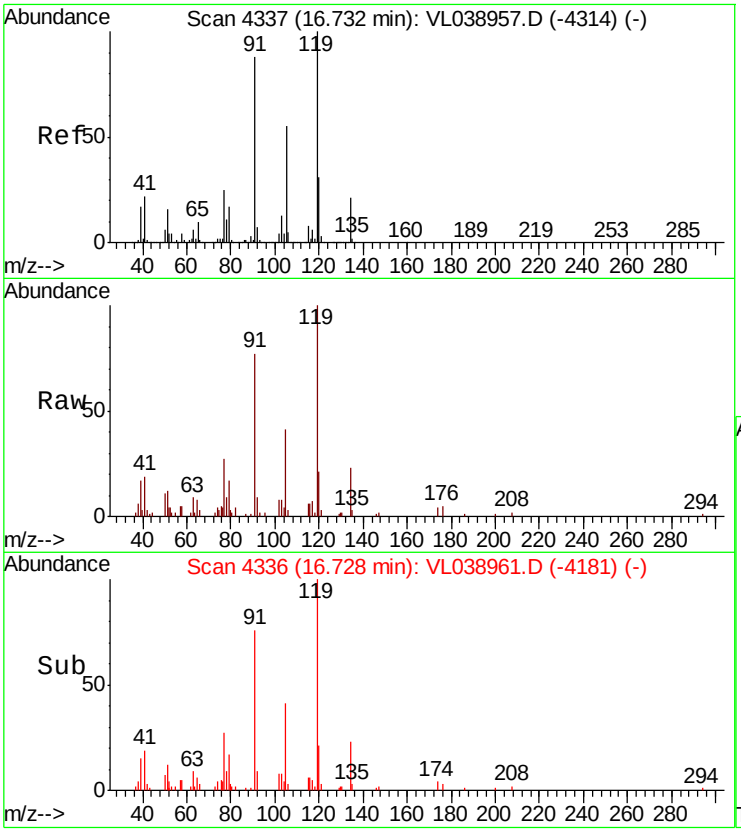


#63
1,1,2,2-Tetrachloroethane
Concen: 0.032 ppbv
RT: 13.67 min Scan# 3384
Delta R.T. 0.00 min
Lab File: VL038961.D
Acq: 5 May 2022 5:16

Tgt Ion: 83 Resp: 7927

Ion	Ratio	Lower	Upper
83	100		
131	20.6	4.5	13.7#
85	162.2	32.8	98.3#



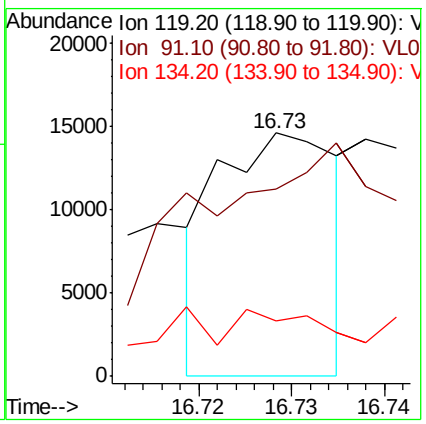


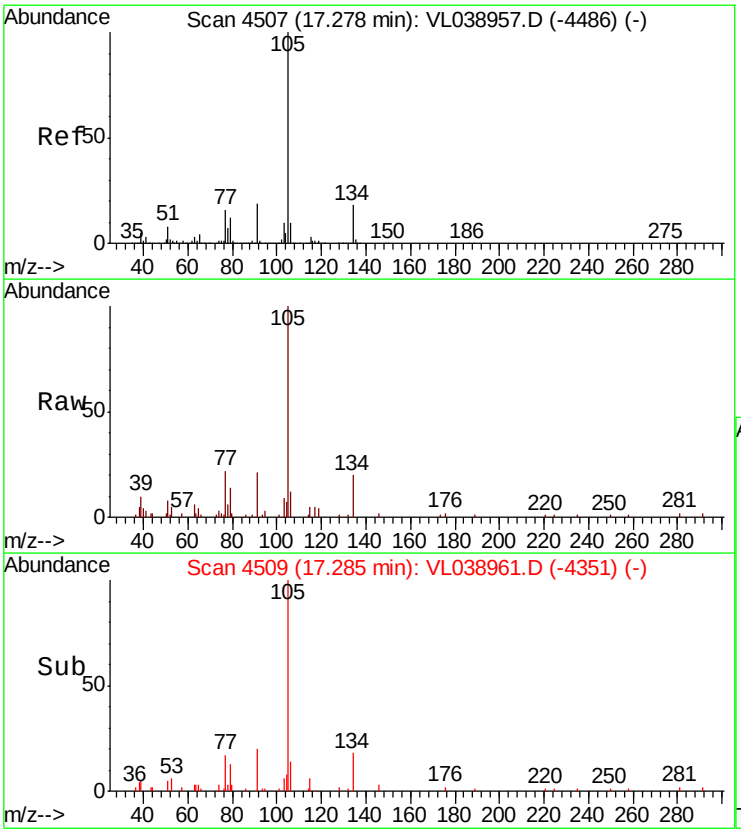
#65
tert-Butylbenzene
Concen: 0.033 ppbv
RT: 16.73
Delta R.T
Lab File:
Acq: 5 May 2022 5:16

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:119 Resp: 12958

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

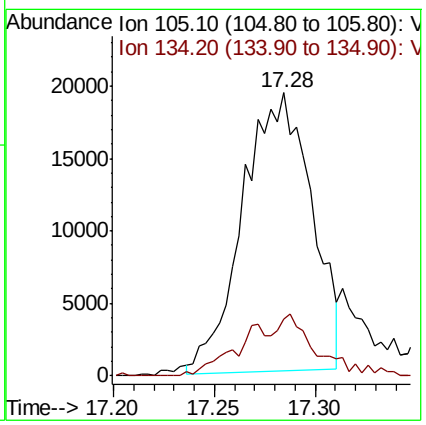


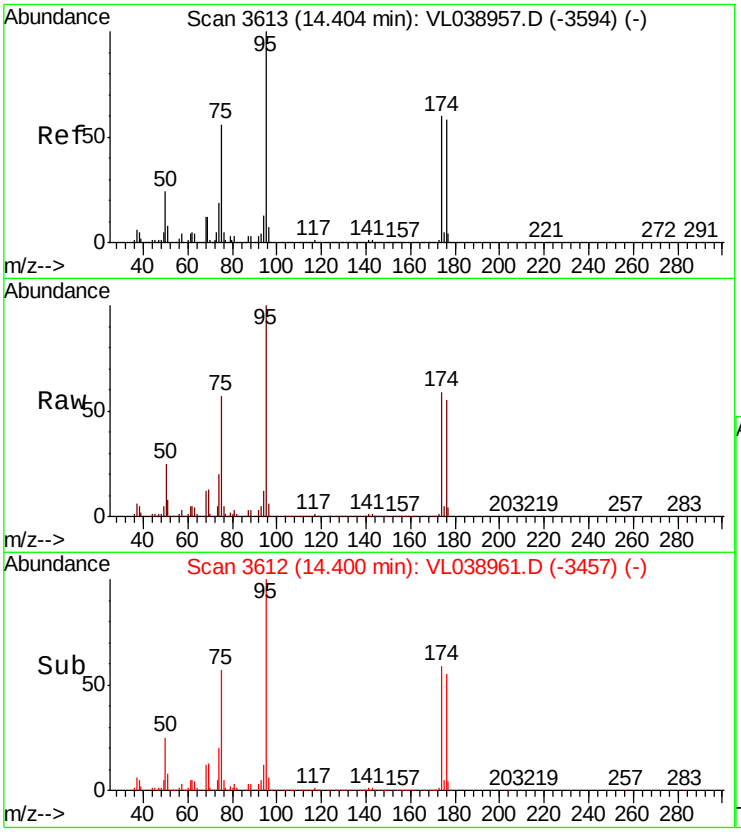


#67
sec-Butylbenzene
Concen: 0.083 ppbv
RT: 17.28 min Scan# 4509
Delta R.T. 0.01 min
Lab File: VL038961.D
Acq: 5 May 2022 5:16

Tgt Ion:105 Resp: 45605

Ion	Ratio	Lower	Upper
105	100		
134	22.7	14.2	21.4#



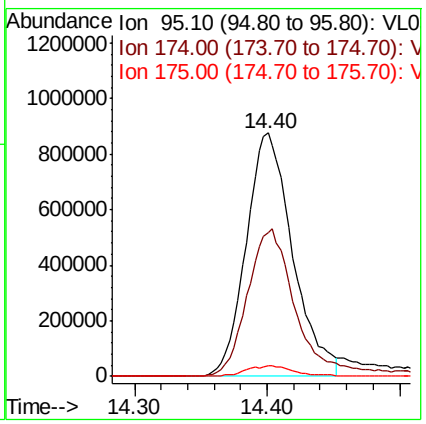


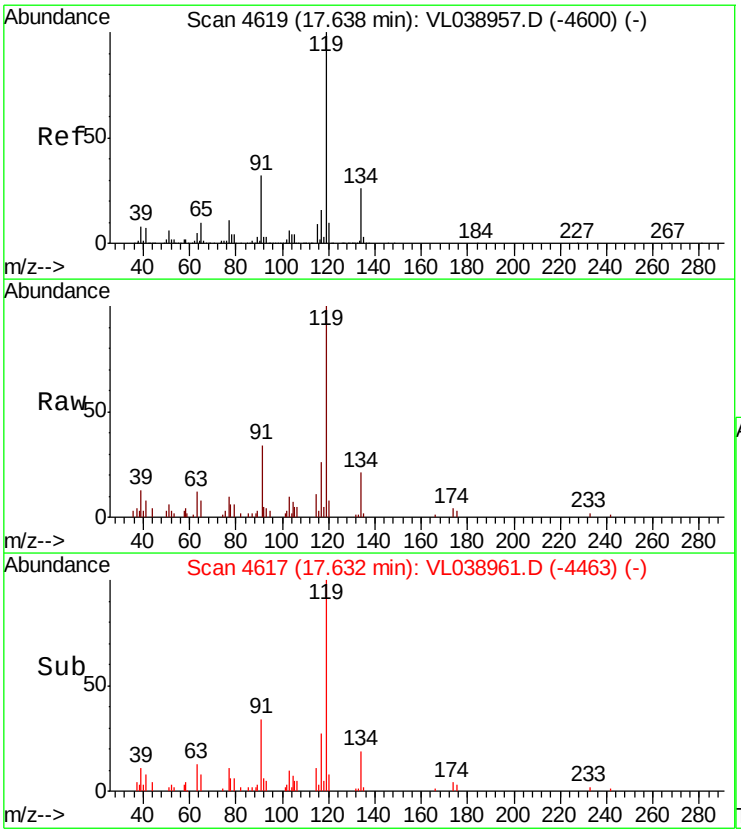
#68
1-Bromo-4-Fluorobenzene
Concen: 10.036 ppbv
RT: 14.40
Delta R.T
Lab File:
Acq: 5 May 2022 5:16

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2138428

Ion	Ratio	Lower	Upper
95	100		
174	66.5	50.8	76.2
175	4.8	3.8	5.6

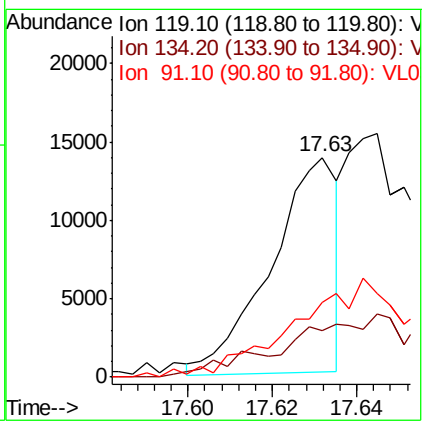


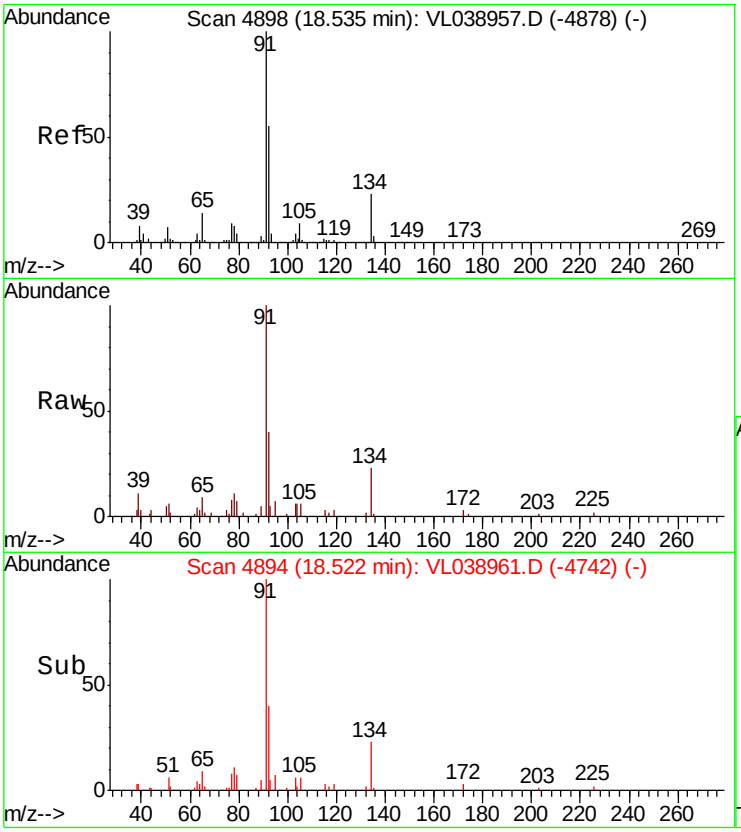


#69
p-Isopropyltoluene
Concen: 0.035 ppbv
RT: 17.63 min Scan# 4617
Delta R.T. -0.01 min
Lab File: VL038961.D
Acq: 5 May 2022 5:16

Tgt Ion:119 Resp: 15067

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



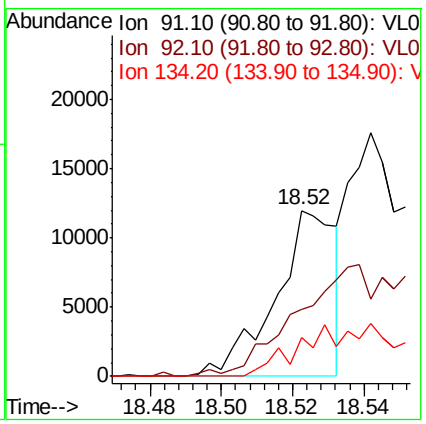


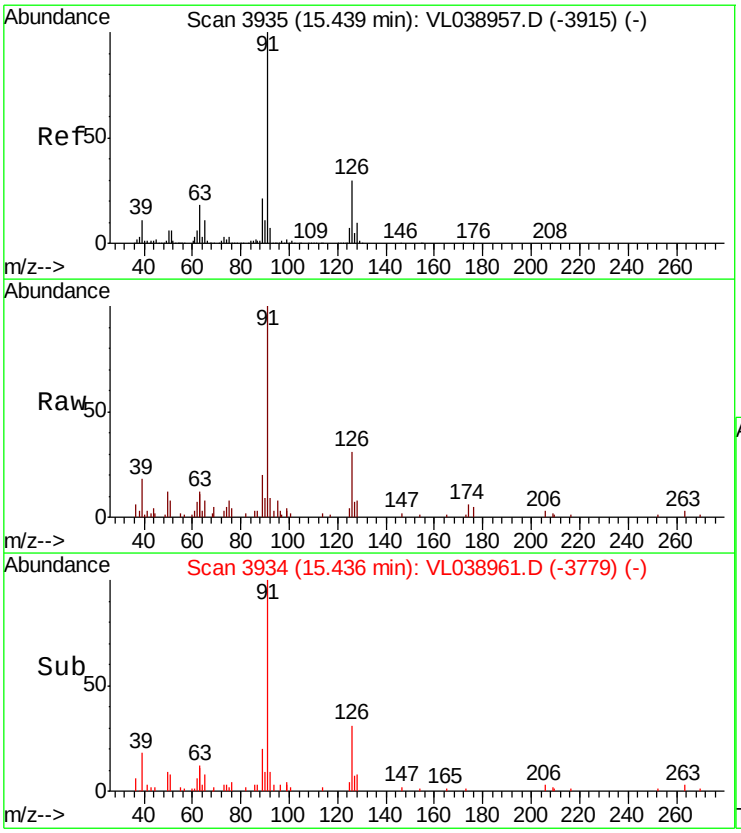
#70
n-Butylbenzene
Concen: 0.031 ppbv
RT: 18.52
Delta R.T
Lab File:
Acq: 5 May 2022 5:16

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 14040

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

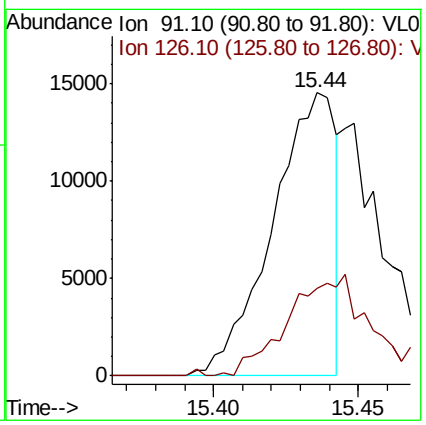


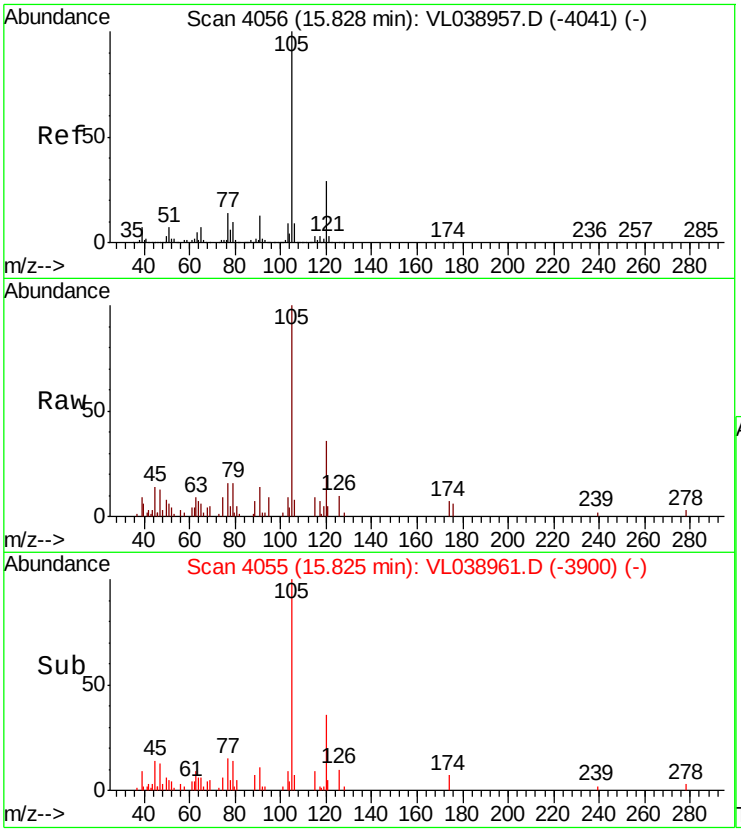


#71
2-Chlorotoluene
Concen: 0.066 ppbv
RT: 15.44 min Scan# 3934
Delta R.T. -0.00 min
Lab File: VL038961.D
Acq: 5 May 2022 5:16

Tgt Ion: 91 Resp: 21995

Ion	Ratio	Lower	Upper
91	100		
126	0.0	11.9	47.5#



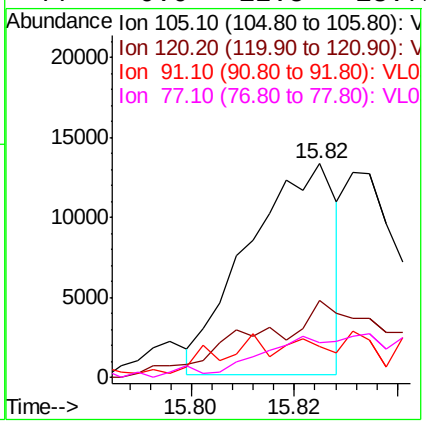


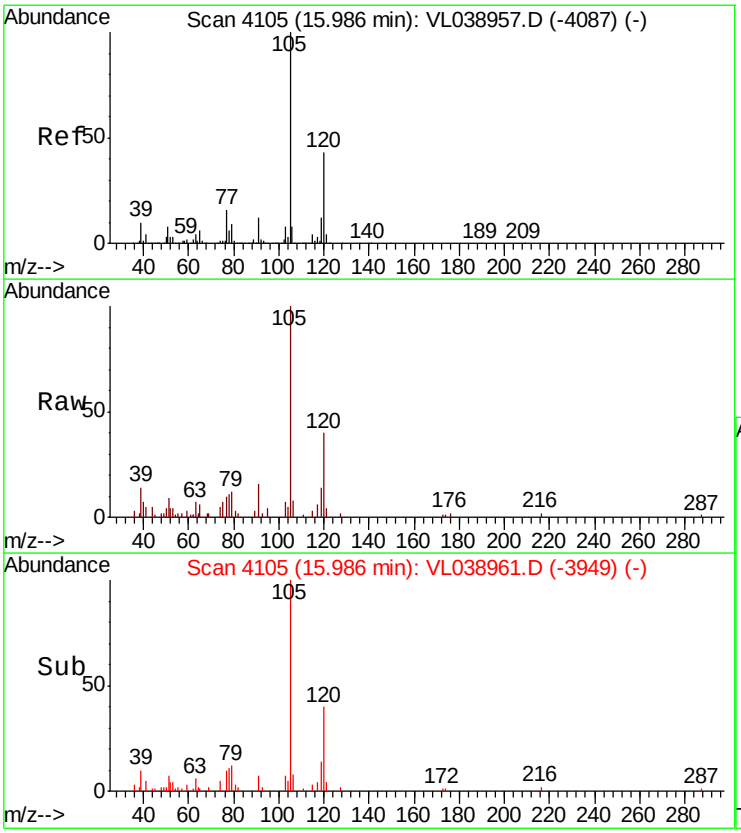
#72
4-Ethyltoluene
Concen: 0.044 ppbv
RT: 15.82
Delta R.T
Lab File:
Acq: 5 May 2022 5:16

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 15654

Ion	Ratio	Lower	Upper
105	100		
120	65.0	23.4	35.0#
91	0.0	10.6	16.0#
77	0.0	12.5	18.7#

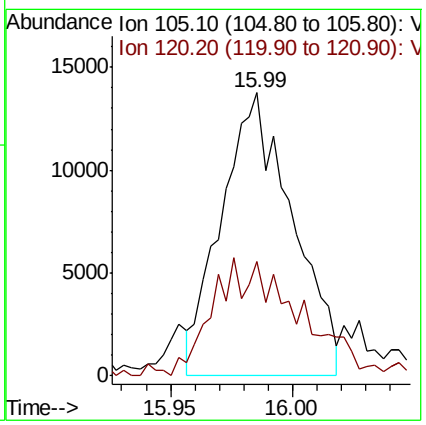


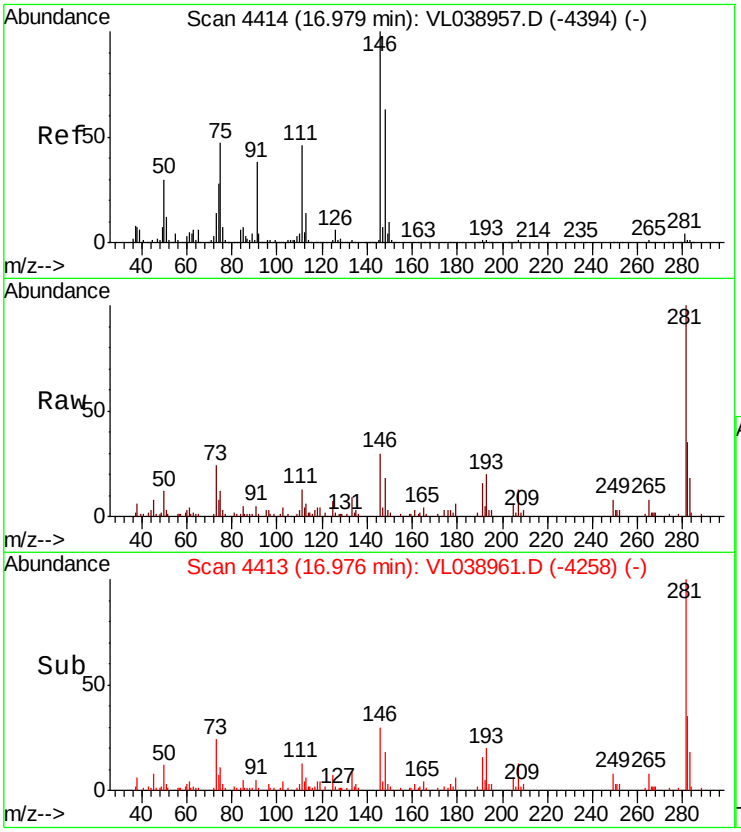


#73
1,3,5-Trimethylbenzene
Concen: 0.083 ppbv
RT: 15.99 min Scan# 4105
Delta R.T. 0.00 min
Lab File: VL038961.D
Acq: 5 May 2022 5:16

Tgt Ion:105 Resp: 27790

Ion	Ratio	Lower	Upper
105	100		
120	39.8	34.4	51.6



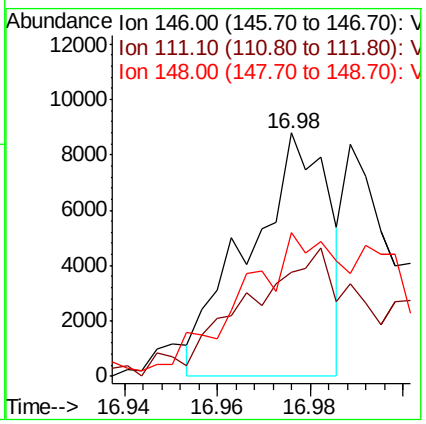


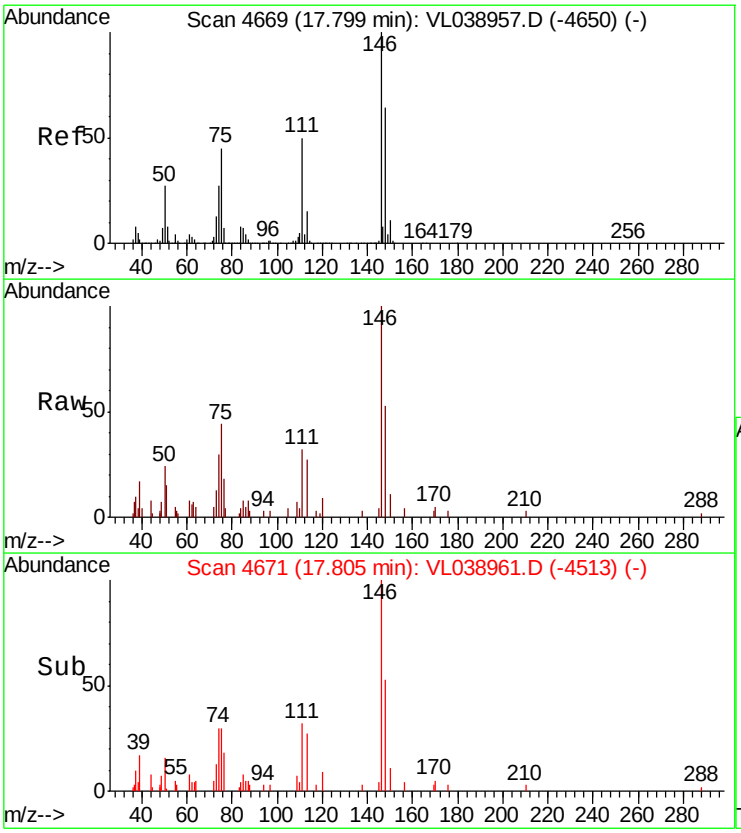
#75
1,3-Dichlorobenzene
Concen: 0.052 ppbv
RT: 16.98
Delta R.T
Lab File:
Acq: 5 May 2022 5:16

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:146 Resp: 10604

Ion	Ratio	Lower	Upper
146	100		
111	0.0	24.1	72.2#
148	134.1	32.4	97.2#

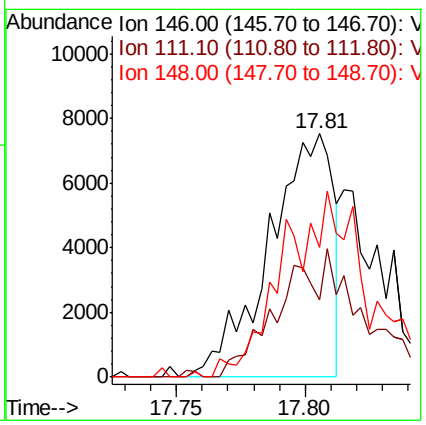


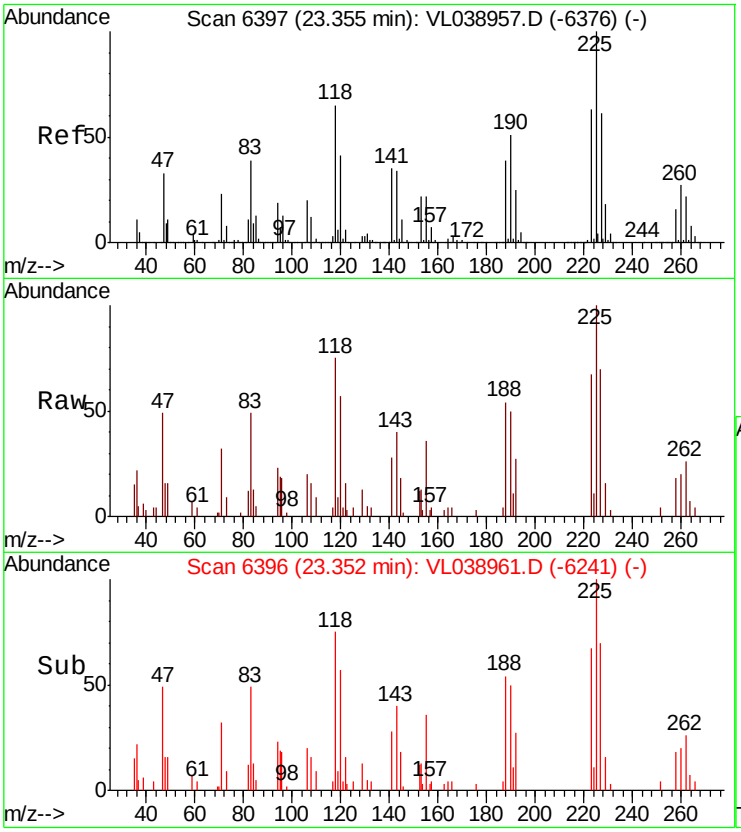


#77
1,2-Dichlorobenzene
Concen: 0.068 ppbv
RT: 17.81 min Scan# 4671
Delta R.T. 0.01 min
Lab File: VL038961.D
Acq: 5 May 2022 5:16

Tgt Ion:146 Resp: 12999

Ion	Ratio	Lower	Upper
146	100		
111	78.2	25.3	75.9#
148	110.9	32.3	96.9#





#78
Hexachloro-1,3-Butadiene
Concen: 0.047 ppbv
RT: 23.35
Delta R.T
Lab File:
Acq: 5 May 2022 5:18

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:225 Resp: 8077

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