Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052322\
Data File : VL039088.D
Acq On : 23 May 2022 17:02
Operator : SY/AP
Sample : 0.4 MDL
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 0.4 MDL

Quant Time: May 24 05:58:00 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	5.65	49	1045988	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.16	114	2514702	10.00	ppbv		-0.01
55) Chlorobenzene-d5	12.06	117	2145919	10.00	ppbv		-0.01
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.39	95	1860323	10.95	ppbv		-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 109.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	94357	0.576	ppbv		100
3) Chlorodifluoromethane	2.99	51	57265	0.441	ppbv		99
4) Chloromethane	3.14	50	25821	0.397	ppbv	#	83
5) Vinyl Chloride	3.25	62	25287	0.426	ppbv		96
6) Bromomethane	3.47	94	8212	0.293	ppbv		99
7) Chloroethane	3.55	64	6315	0.318	ppbv	#	80
8) Dichlorotetrafluoroethane	3.19	85	65687	0.442	ppbv		88
9) Propene	3.01	41	21806	0.385	ppbv		91
10) Heptane	8.10	43	29282	0.211	ppbv	#	46
11) Trichlorofluoromethane	3.94	101	67856	0.483	ppbv		92
12) 1,1,2-Trichlorotrifluoroet	4.47	101	38009	0.392	ppbv	#	76
13) Ethanol	3.61	45	2045	0.510	ppbv	#	22
14) Bromoethene	3.73	108	19327	0.484	ppbv	#	94
15) Acetone	3.86	43	33323	0.338	ppbv	#	37
16) 1,3-Butadiene	3.33	39	19522	0.344	ppbv	#	72
17) tert-Butyl alcohol	4.29	59	27206	0.359	ppbv	#	78
18) 1,1-Dichloroethene	4.28	96	13031	0.313	ppbv		84
19) Isopropyl Alcohol	3.97	45	12966	0.276	ppbv	#	95
20) Methylene Chloride	4.34	84	19472	0.524	ppbv	#	84
21) Allyl Chloride	4.40	41	25451	0.379	ppbv	#	82
22) trans-1,2-Dichloroethene	4.87	96	19886	0.442	ppbv		93
23) Vinyl Acetate	5.07	43	34784	0.446	ppbv	#	86
24) 1,1-Dichloroethane	5.00	63	38161	0.424	ppbv		96
25) Ethyl Acetate	5.67	43	83298	0.353	ppbv	#	94
26) Hexane	5.67	57	17978	0.171	ppbv	#	1
27) Carbon Disulfide	4.54	76	36931	0.371	ppbv	#	80
28) Methyl tert-Butyl Ether	5.03	73	20069	0.251	ppbv	#	52
29) Chloroform	5.74	83	73832	0.435	ppbv		94
30) Cyclohexane	7.12	84	7323	0.083	ppbv	#	1
31) cis-1,2-Dichloroethene	5.54	61	35001	0.327	ppbv		88
32) 1,1,1-Trichloroethane	6.49	97	32160	0.189	ppbv	#	15
34) 2-Butanone	5.24	43	47723	0.372	ppbv	#	89
35) Carbon Tetrachloride	7.01	117	36829	0.222	ppbv		93
36) Benzene	6.87	78	40109	0.186	ppbv		94
37) 1,2-Dichloroethane	6.29	62	56593	0.425	ppbv		98
38) Trichloroethene	7.82	130	32825	0.343	ppbv	#	84
39) 1,2-Dichloropropane	7.16	63	706112	8.433	ppbv	#	27
42) Bromodichloromethane	7.77	83	37870	0.208	ppbv		92
43) Methyl Methacrylate	8.01	69	22665	0.259	ppbv	#	72
44) 2,2,4-Trimethylpentane	7.85	57	73054	0.193	ppbv	#	43
45) t-1,3-Dichloropropene	9.26	75	16859	0.199	ppbv		96

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052322\
Data File : VL039088.D
Acq On : 23 May 2022 17:02
Operator : SY/AP
Sample : 0.4 MDL
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : 0.4 MDL

Quant Time: May 24 05:58:00 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)
46) cis-1,3-Dichloropropene	8.69	75	32187	0.287 ppbv #	83
47) 1,1,2-Trichloroethane	9.47	97	9535	0.109 ppbv	94
48) Dibromochloromethane	10.28	129	24167	0.170 ppbv #	10
49) Bromoform	13.01	173	12793	0.118 ppbv #	1
50) 4-Methyl-2-Pentanone	8.74	43	25940	0.115 ppbv #	5
51) 2-Hexanone	10.13	43	17403	0.106 ppbv #	28
52) Tetrachloroethene	11.20	164	14362	0.187 ppbv	91
53) Toluene	9.79	91	71997	0.298 ppbv	93
56) 1,1,1,2-Tetrachloroethane	12.11	131	36498	0.388 ppbv #	67
57) Chlorobenzene	12.12	112	41686	0.259 ppbv #	70
58) Ethyl Benzene	12.69	91	107247	0.347 ppbv	93
59) m/p-Xylene	12.98	91	13385	0.051 ppbv #	1
60) o-Xylene	13.67	91	90580	0.365 ppbv	94
61) Styrene	13.50	104	20653	0.156 ppbv #	25
62) Isopropylbenzene	14.64	105	139743	0.385 ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.65	83	23479	0.161 ppbv #	24
64) n-propylbenzene	15.54	120	13251	0.151 ppbv #	1
65) tert-Butylbenzene	16.72	119	116779	0.367 ppbv	91
66) Benzyl Chloride	16.97	91	6620	0.159 ppbv #	26
67) sec-Butylbenzene	17.27	105	152776	0.336 ppbv	94
69) p-Isopropyltoluene	17.63	119	118791	0.324 ppbv #	91
70) n-Butylbenzene	18.52	91	43637	0.112 ppbv #	33
71) 2-Chlorotoluene	15.43	91	100690	0.360 ppbv	99
72) 4-Ethyltoluene	15.82	105	92191	0.326 ppbv #	94
73) 1,3,5-Trimethylbenzene	15.97	105	93319	0.367 ppbv	89
74) 1,2,4-Trimethylbenzene	16.73	105	71431	0.256 ppbv #	94
75) 1,3-Dichlorobenzene	16.97	146	13868	0.091 ppbv #	1
76) 1,4-Dichlorobenzene	17.10	146	12435	0.083 ppbv #	23
77) 1,2-Dichlorobenzene	17.78	146	14843	0.098 ppbv #	22
78) Hexachloro-1,3-Butadiene	23.35	225	32994	0.238 ppbv #	27
79) Naphthalene	22.17	128	32858	0.145 ppbv #	95
80) Naphthalene,2-methyl-	24.96	142	8350	0.122 ppbv #	69
81) 1,2,4-Trichlorobenzene	21.90	180	39955	0.301 ppbv #	93

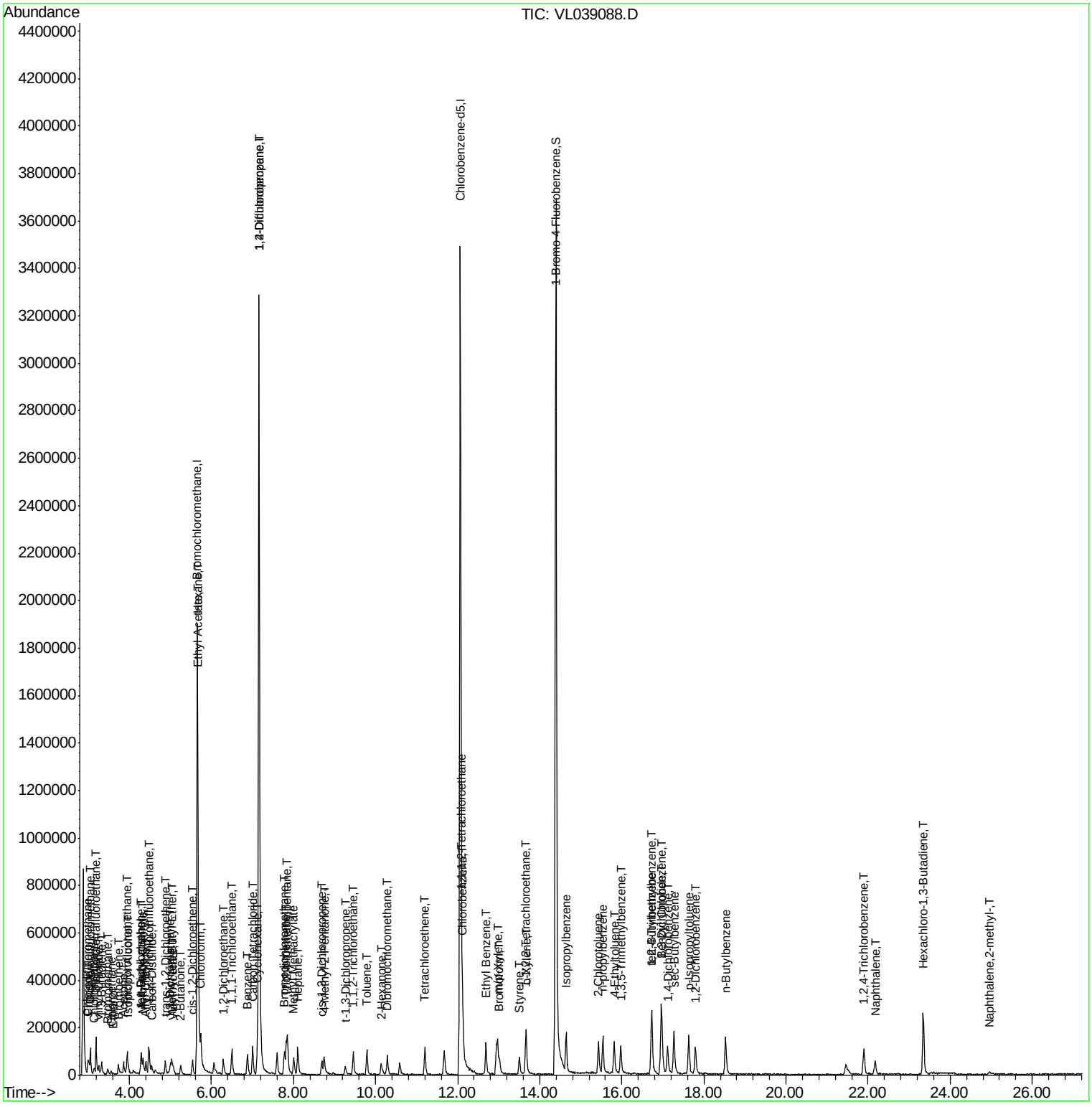
(#) = qualifier out of range (m) = manual integration (+) = signals summed

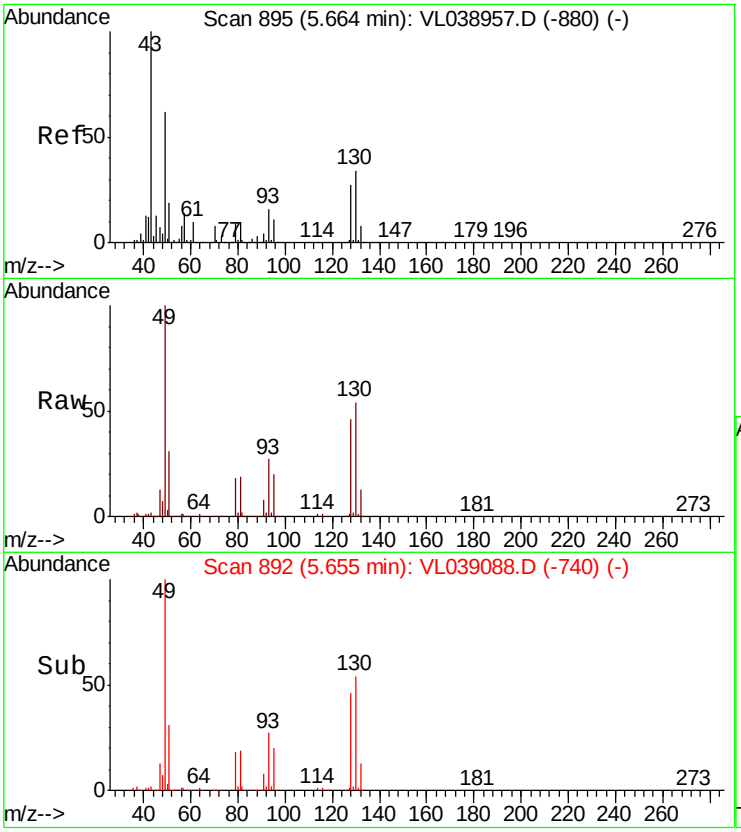
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052322\
Data File : VL039088.D
Acq On : 23 May 2022 17:02
Operator : SY/AP
Sample : 0.4 MDL
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Quant Time: May 24 05:58:00 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



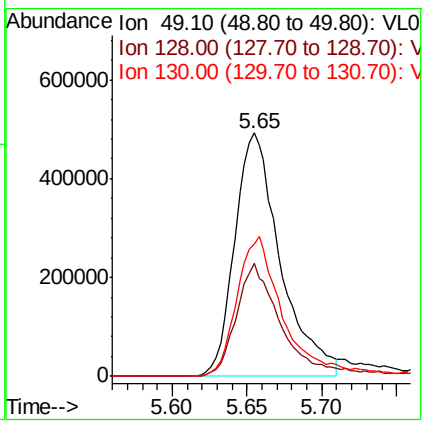


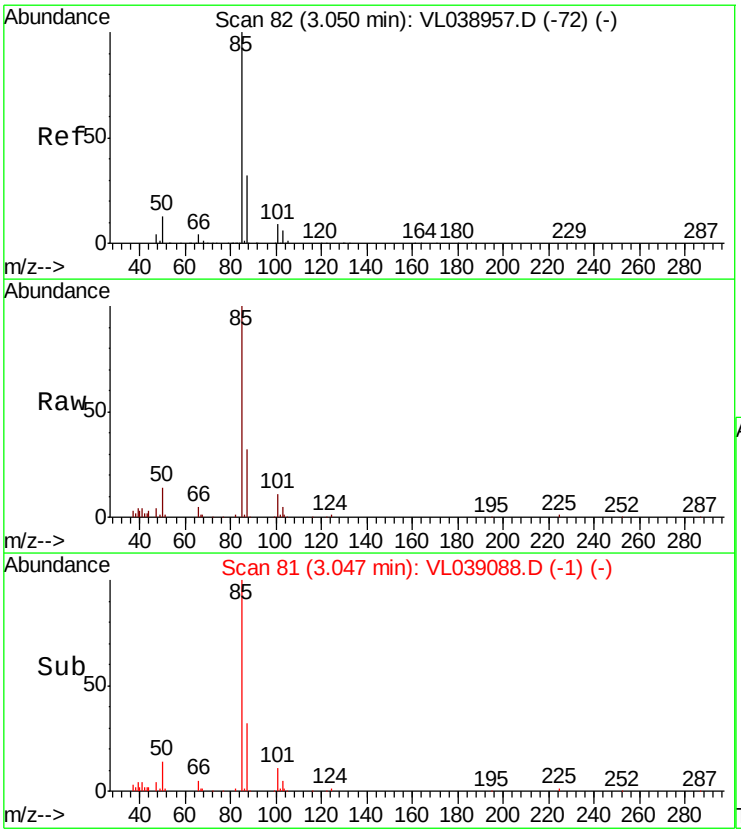
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 49 Resp: 1045988

Ion	Ratio	Lower	Upper
49	100		
128	47.4	23.3	69.8
130	60.7	29.8	89.3

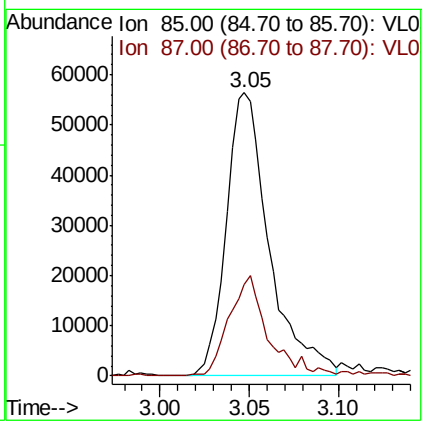


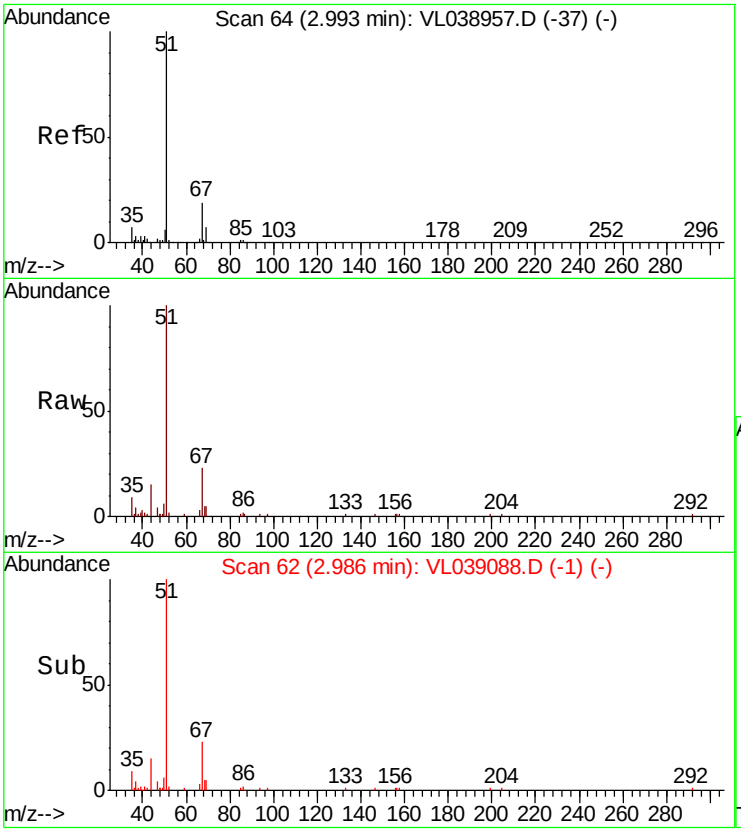


#2
Dichlorodifluoromethane
Concen: 0.576 ppbv
RT: 3.05 min Scan# 81
Delta R.T. -0.00 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion: 85 Resp: 94357

Ion	Ratio	Lower	Upper
85	100		
87	32.3	25.7	38.5



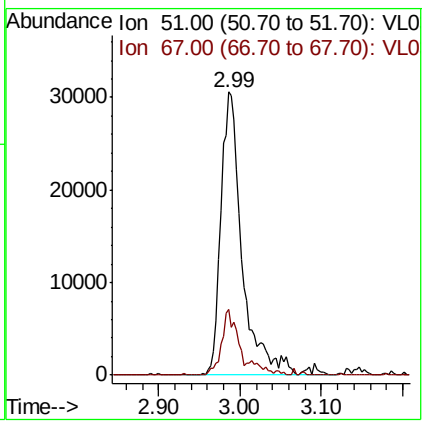


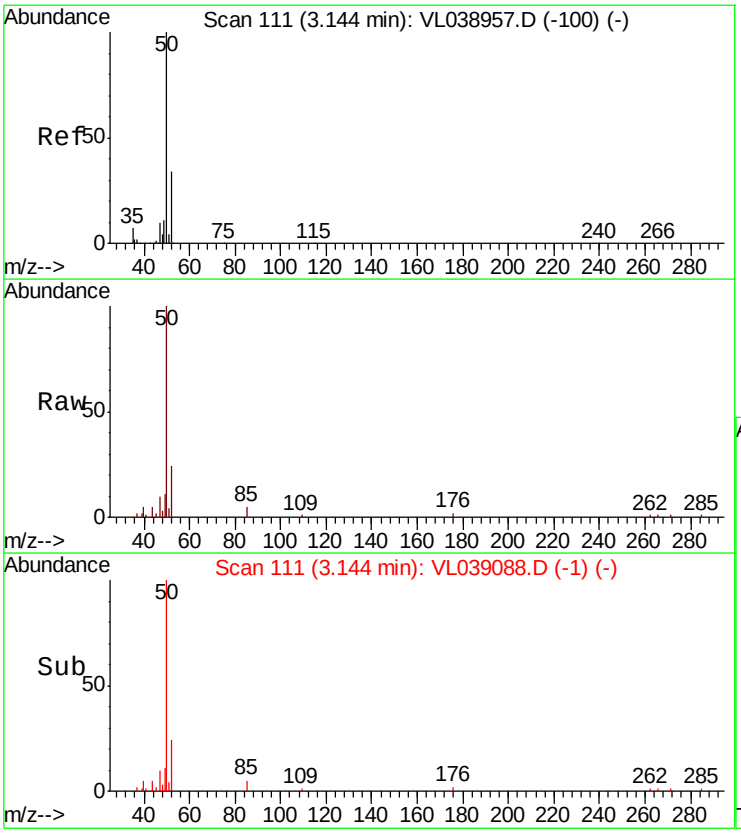
#3
Chlorodifluoromethane
Concen: 0.441 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 51 Resp: 57265

Ion	Ratio	Lower	Upper
51	100		
67	20.3	15.8	23.8

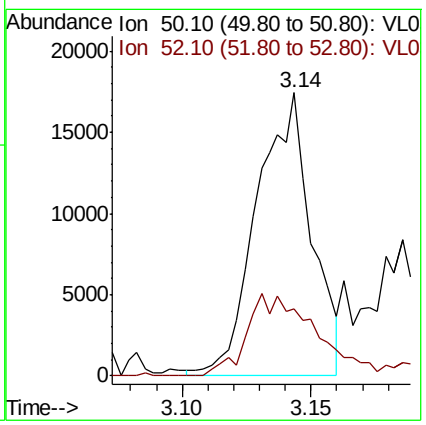


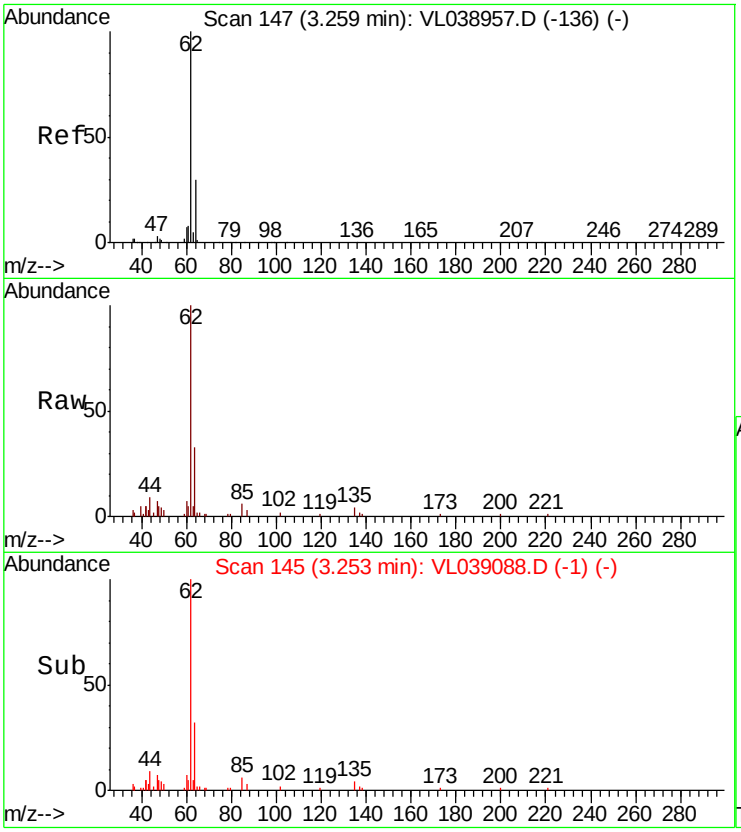


#4
Chloromethane
Concen: 0.397 ppbv
RT: 3.14 min Scan# 111
Delta R.T. -0.00 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion: 50 Resp: 25821

Ion	Ratio	Lower	Upper
50	100		
52	24.2	27.3	40.9#



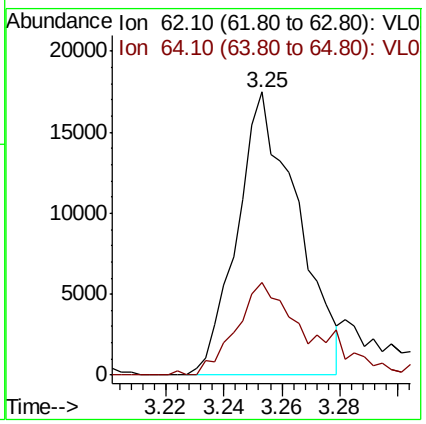


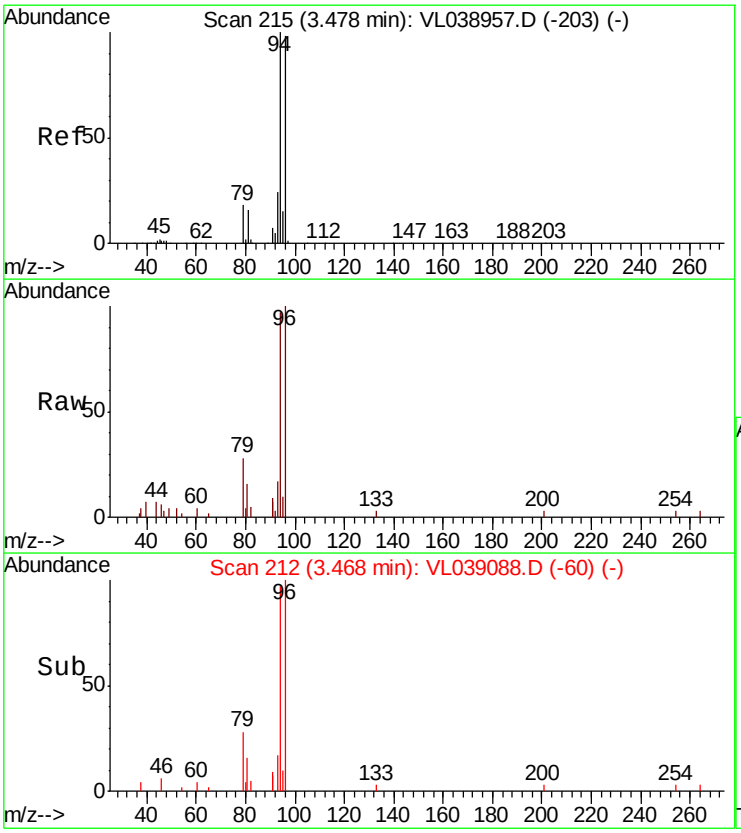
#5
Vinyl Chloride
Concen: 0.426 ppbv
RT: 3.25
Delta R.T
Lab File:
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 62 Resp: 25287

Ion	Ratio	Lower	Upper
62	100		
64	32.7	24.2	36.4

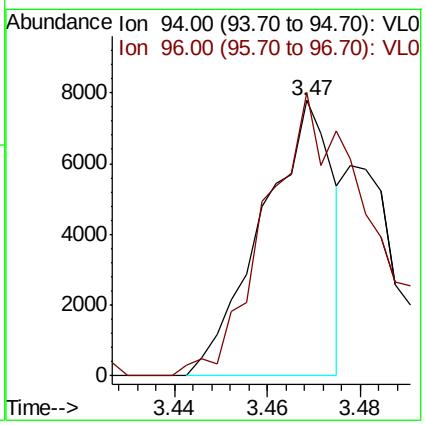


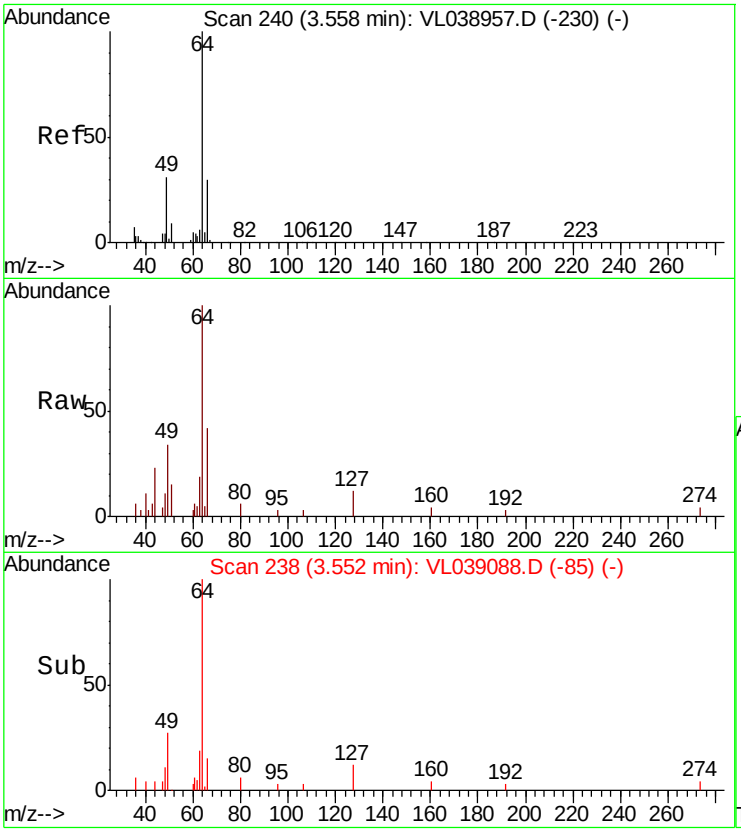


#6
Bromomethane
Concen: 0.293 ppbv
RT: 3.47 min Scan# 212
Delta R.T. -0.01 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion: 94 Resp: 8212

Ion	Ratio	Lower	Upper
94	100		
96	99.0	78.1	117.1



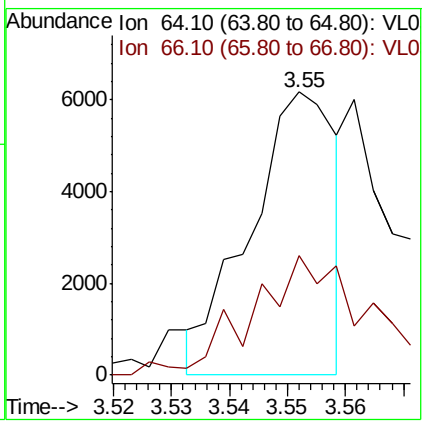


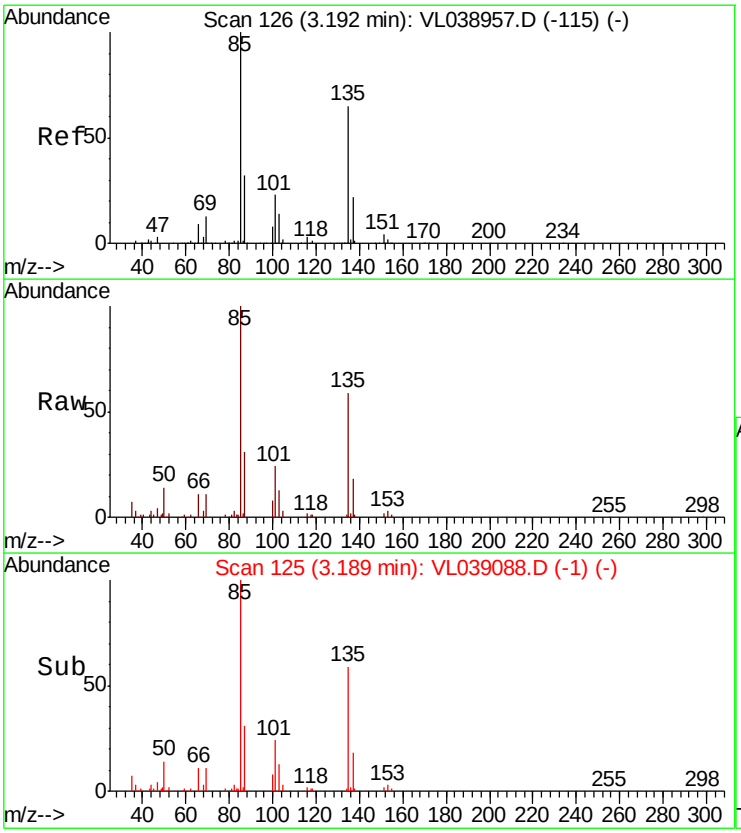
#7
Chloroethane
Concen: 0.318 ppbv
RT: 3.55
Delta R.T
Lab File:
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 64 Resp: 6315

Ion	Ratio	Lower	Upper
64	100		
66	40.4	23.8	35.8#

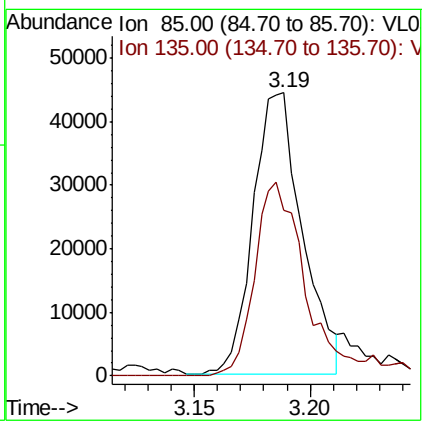


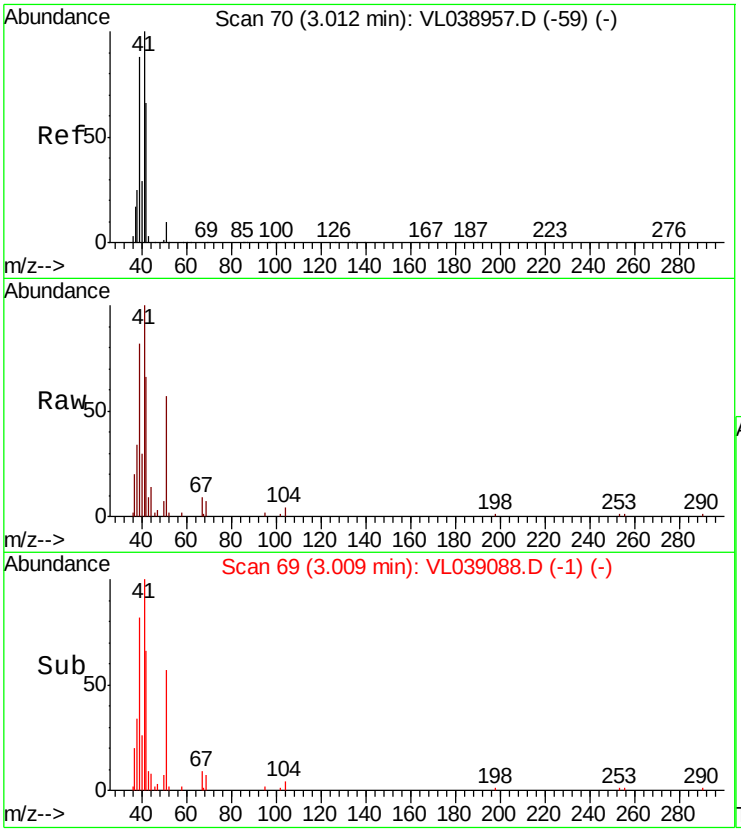


#8
Dichlorotetrafluoroethane
Concen: 0.442 ppbv
RT: 3.19 min Scan# 125
Delta R.T. -0.00 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion: 85 Resp: 65687

Ion	Ratio	Lower	Upper
85	100		
135	76.3	53.6	80.4



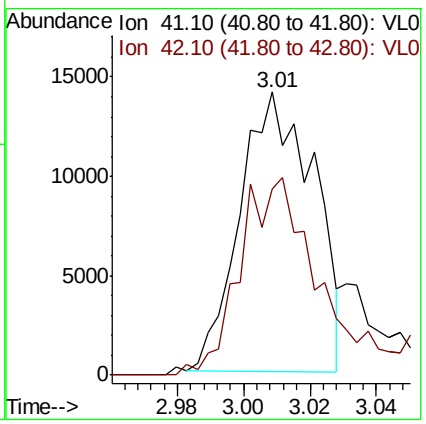


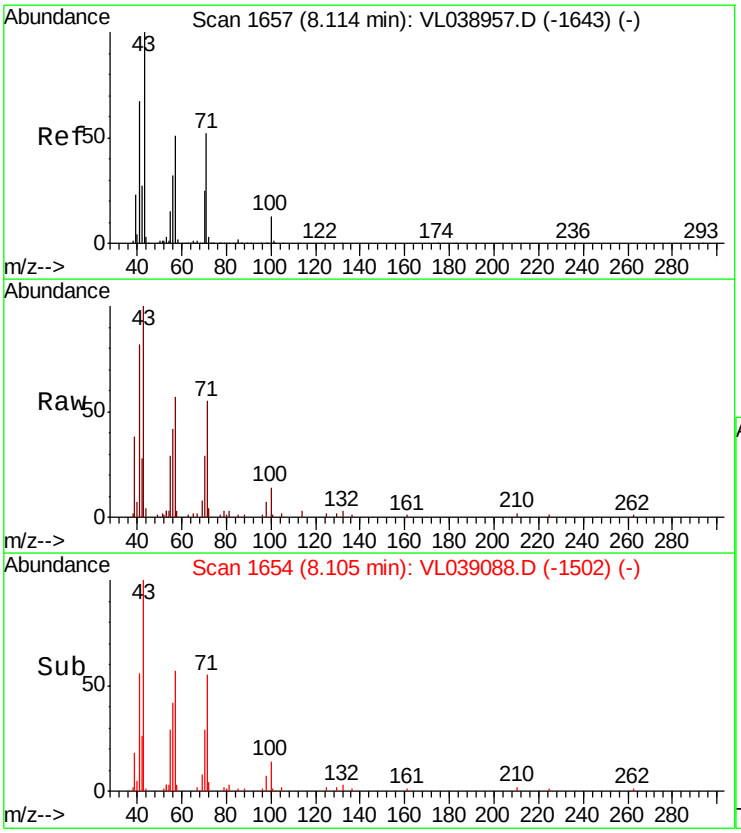
#9
Propene
Concen: 0.385 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 41 Resp: 21806

Ion	Ratio	Lower	Upper
41	100		
42	80.1	58.3	87.5

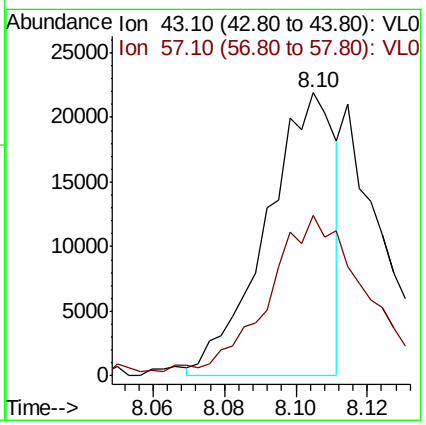


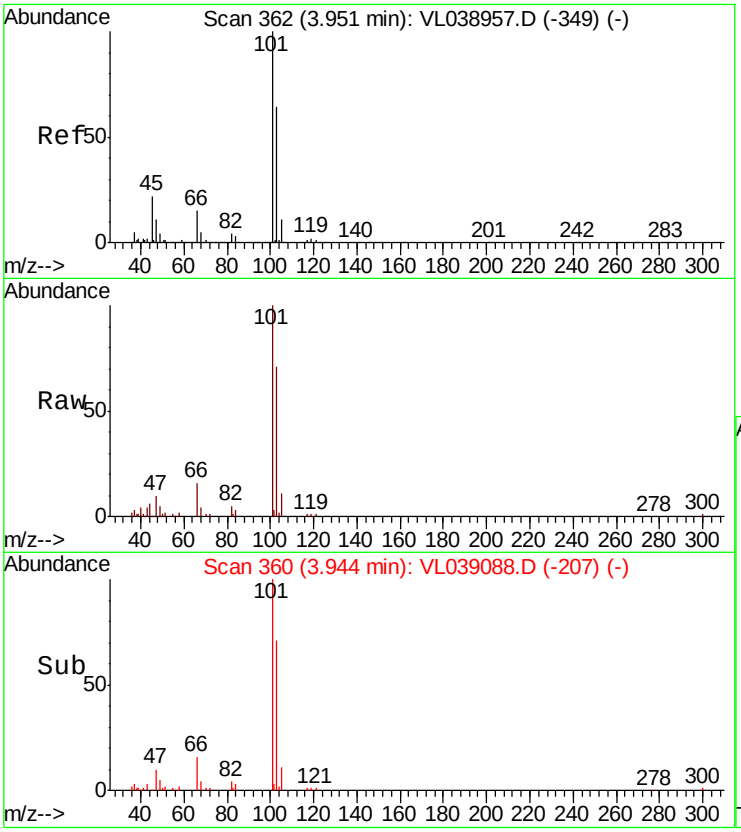


#10
Heptane
Concen: 0.211 ppbv
RT: 8.10 min Scan# 1654
Delta R.T. -0.01 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion: 43 Resp: 29282

Ion	Ratio	Lower	Upper
43	100		
57	87.8	40.5	60.7#



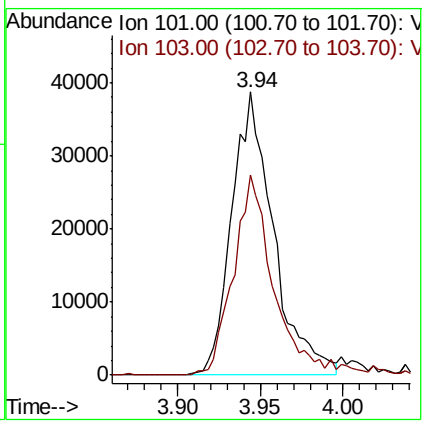


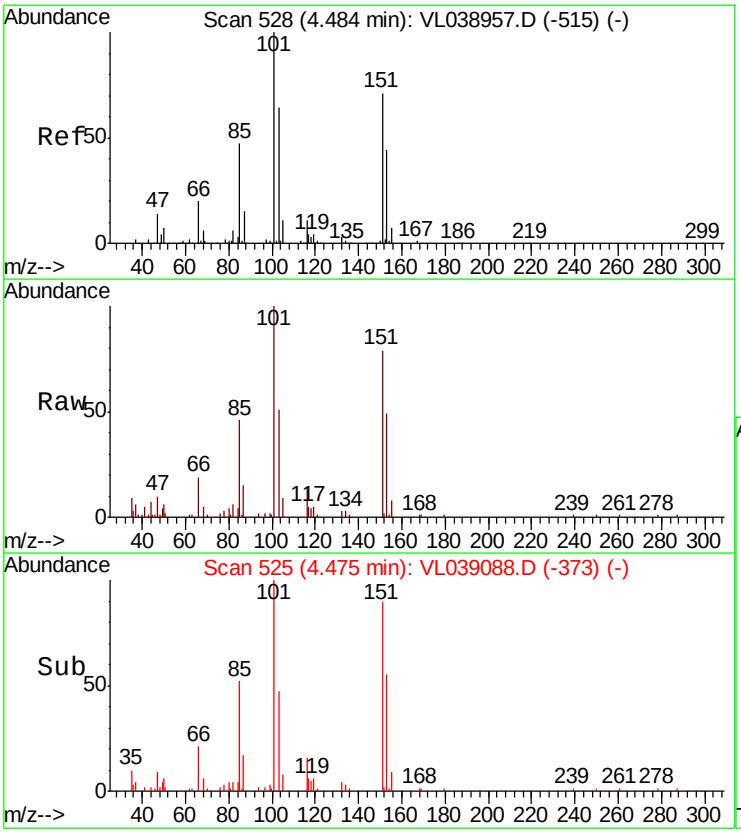
#11
Trichlorofluoromethane
Concen: 0.483 ppbv
RT: 3.94
Delta R.T
Lab File:
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion:101 Resp: 67856

Ion	Ratio	Lower	Upper
101	100		
103	70.9	51.5	77.3

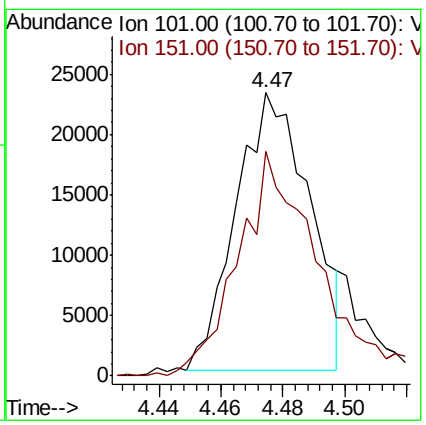


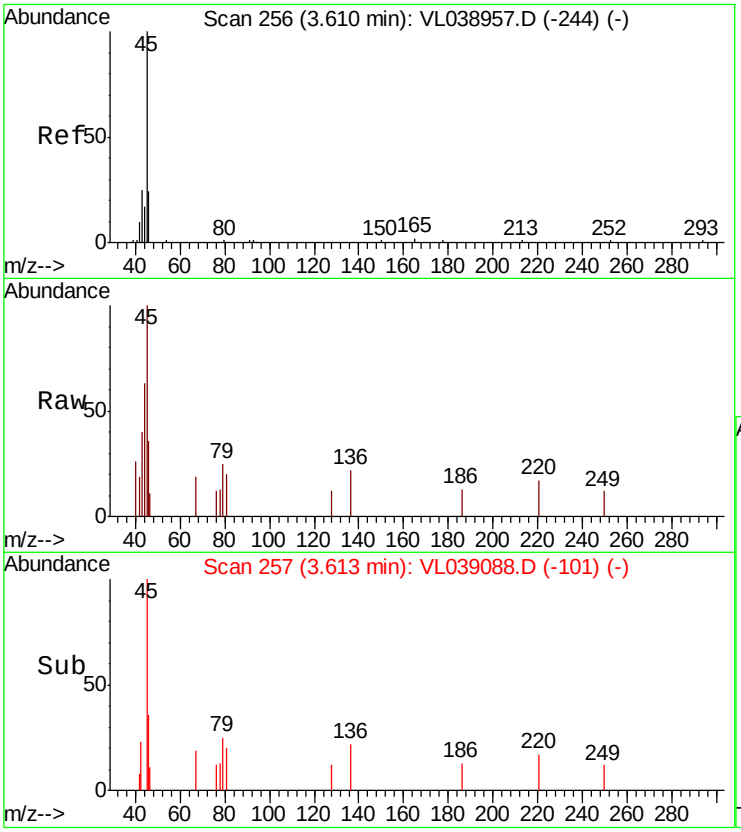


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.392 ppbv
RT: 4.47 min Scan# 525
Delta R.T. -0.01 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion:101 Resp: 38009

Ion	Ratio	Lower	Upper
101	100		
151	88.8	55.4	83.0#



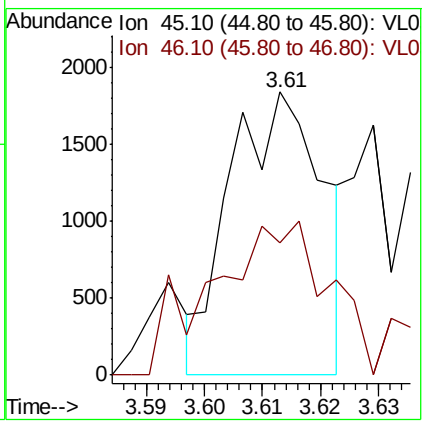


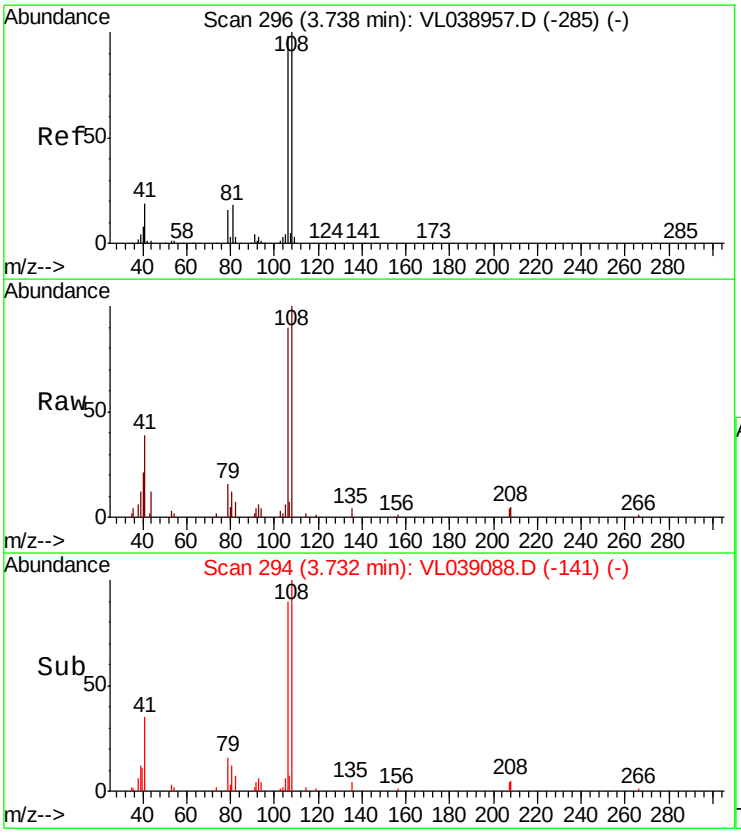
#13
Ethanol
Concen: 0.510 ppbv
RT: 3.61
Delta R.T
Lab File:
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 45 Resp: 2045

Ion	Ratio	Lower	Upper
45	100		
46	96.5	18.0	72.2#

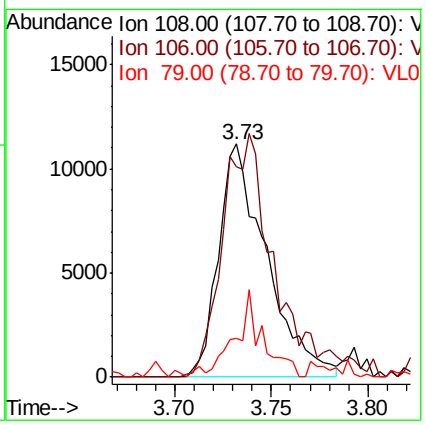


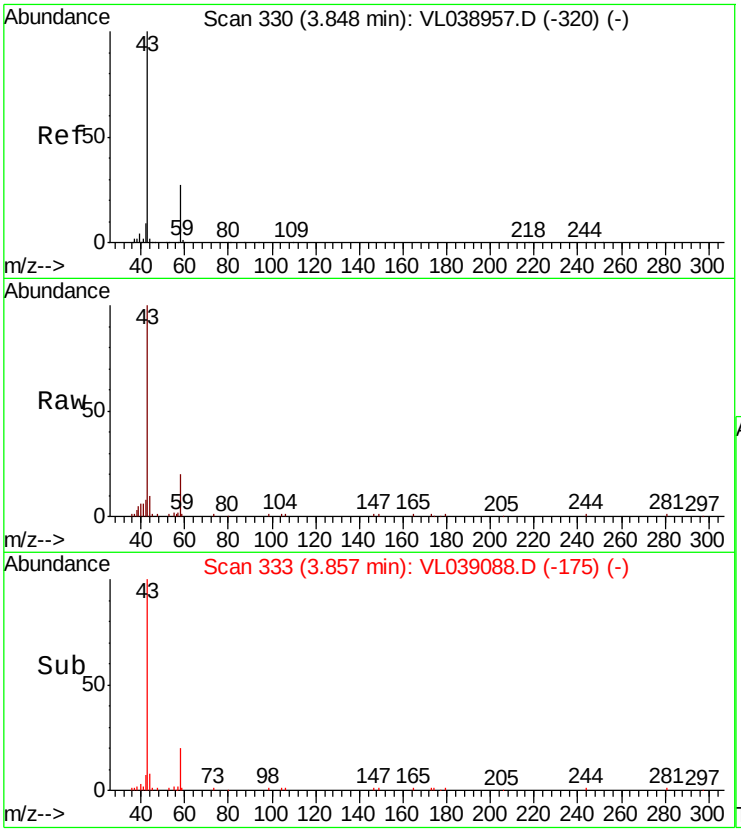


#14
Bromoethene
Concen: 0.484 ppbv
RT: 3.73 min Scan# 294
Delta R.T. -0.01 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion:108 Resp: 19327

Ion	Ratio	Lower	Upper
108	100		
106	117.2	90.3	135.5
79	25.6	14.9	22.3#



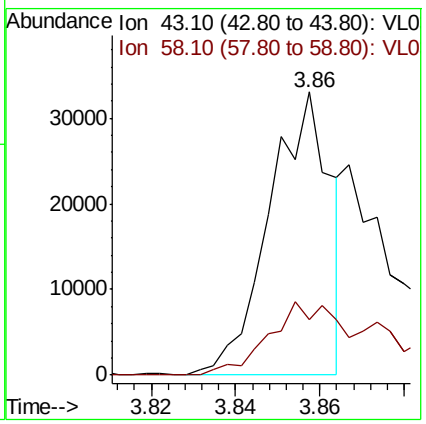


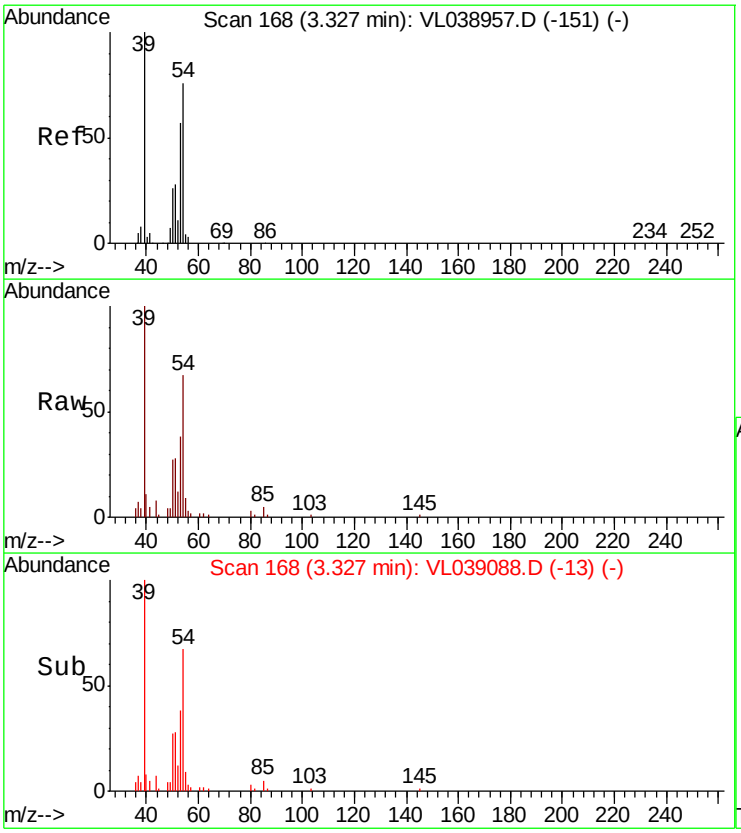
#15
Acetone
Concen: 0.338 ppbv
RT: 3.86
Delta R.T
Lab File:
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 43 Resp: 33323

Ion	Ratio	Lower	Upper
43	100		
58	59.2	21.3	31.9#

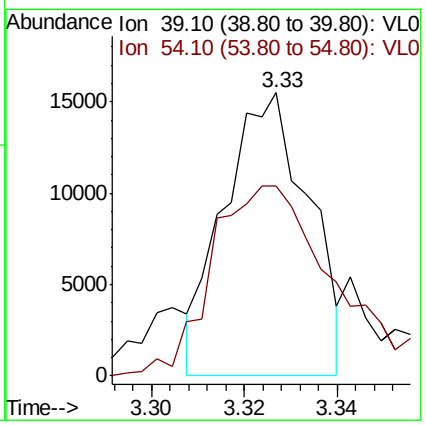


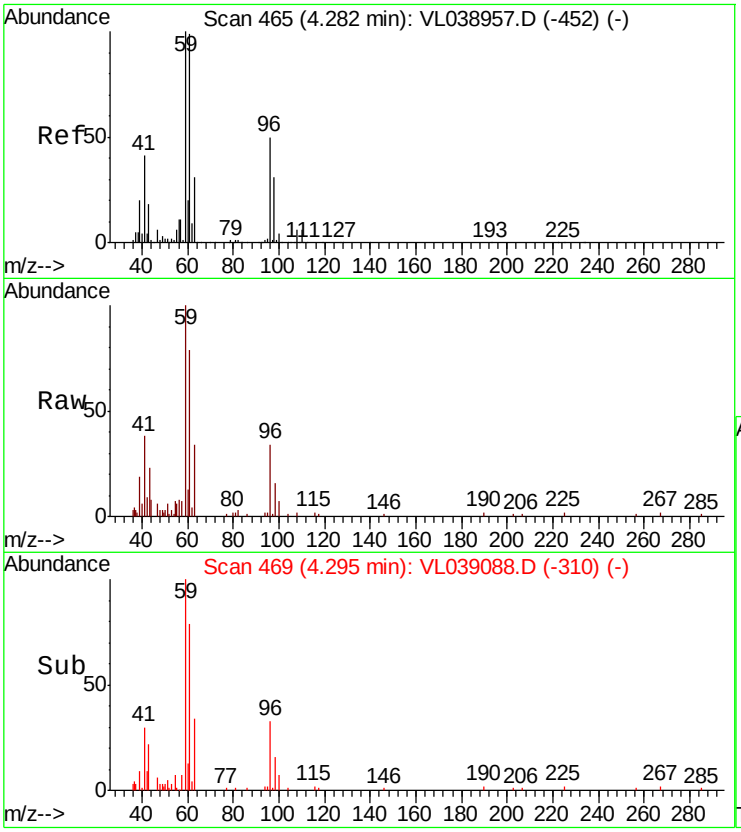


#16
1,3-Butadiene
Concen: 0.344 ppbv
RT: 3.33 min Scan# 168
Delta R.T. -0.00 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion: 39 Resp: 19522

Ion	Ratio	Lower	Upper
39	100		
54	106.1	65.2	97.8#



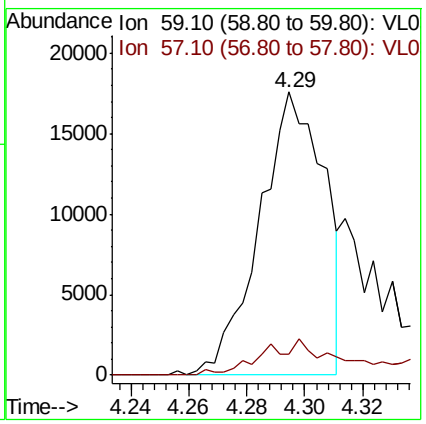


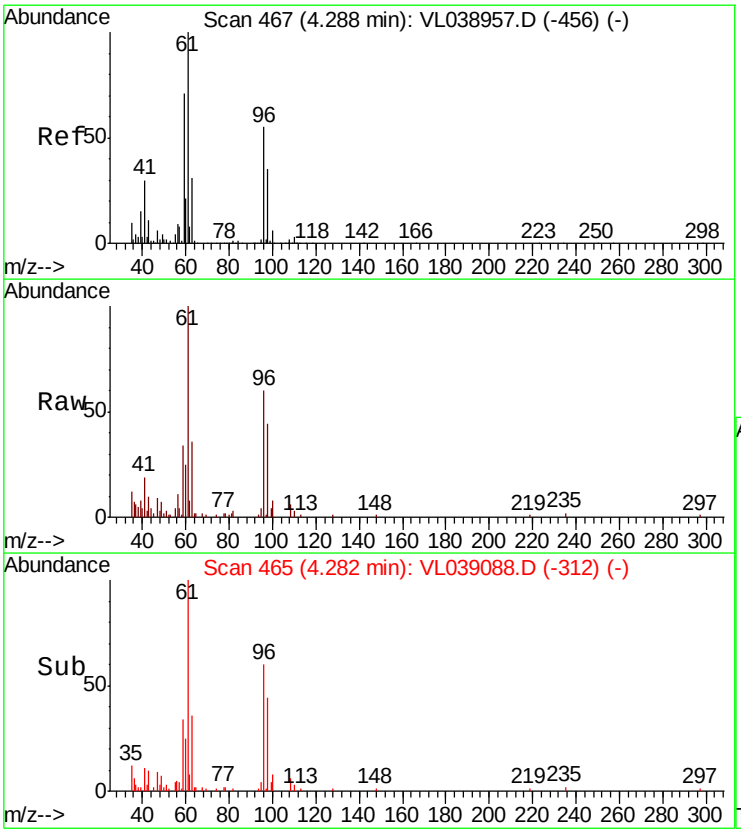
#17
tert-Butyl alcohol
Concen: 0.359 ppbv
RT: 4.29
Delta R.T
Lab File:
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 59 Resp: 27206

Ion	Ratio	Lower	Upper
59	100		
57	19.9	9.2	13.8#

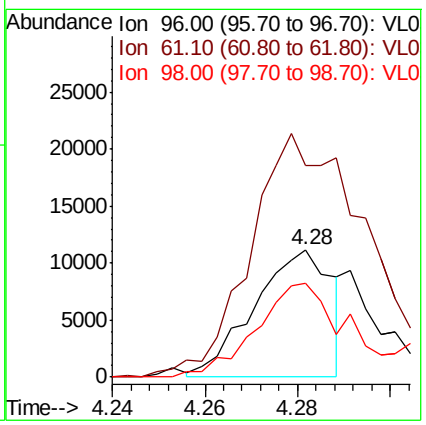


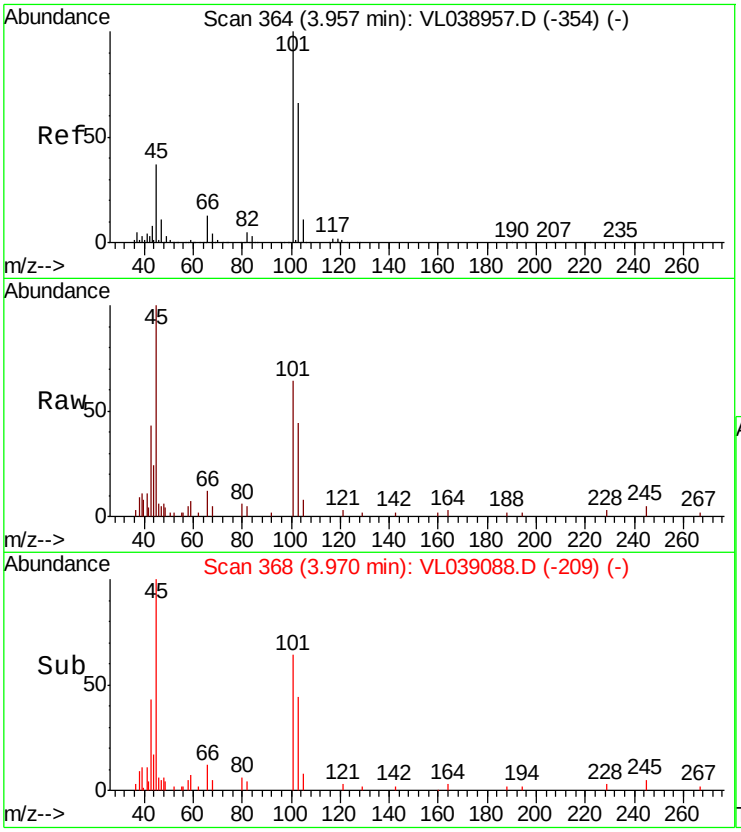


#18
1,1-Dichloroethene
Concen: 0.313 ppbv
RT: 4.28 min Scan# 465
Delta R.T. -0.01 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion: 96 Resp: 13031

Ion	Ratio	Lower	Upper
96	100		
61	158.0	146.3	219.5
98	71.5	50.6	75.8



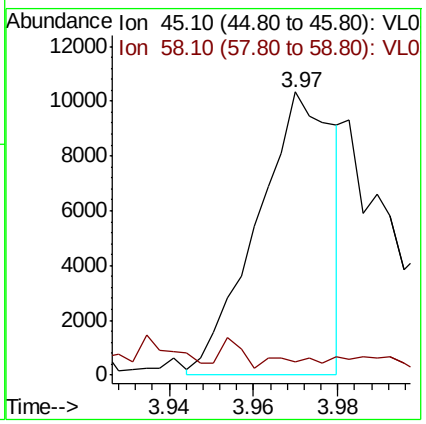


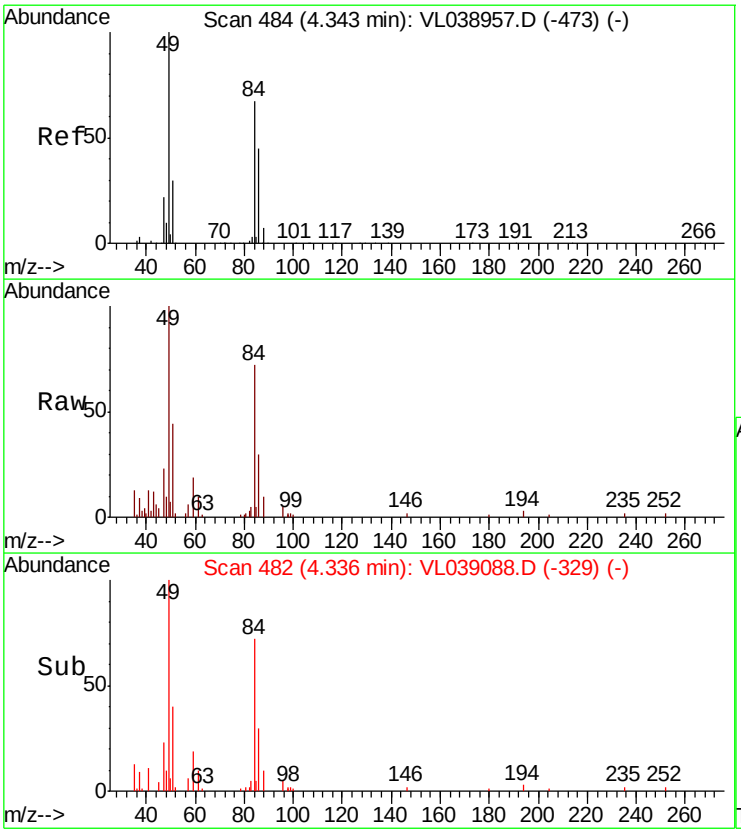
#19
Isopropyl Alcohol
Concen: 0.276 ppbv
RT: 3.97
Delta R.T
Lab File:
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 45 Resp: 12966

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.4	2.2#

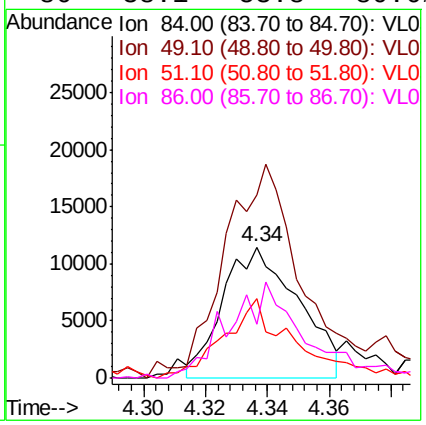


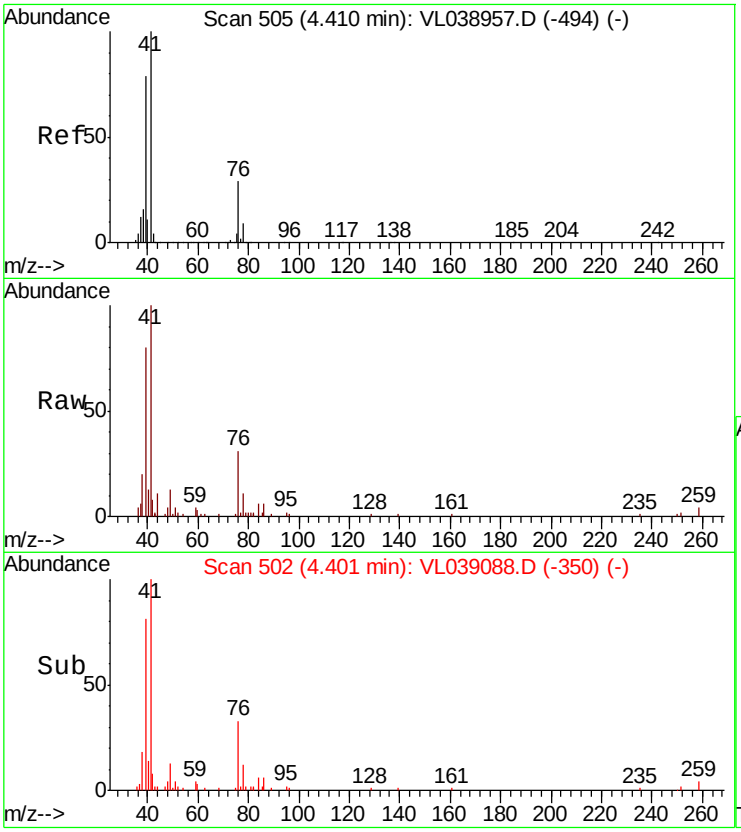


#20
Methylene Chloride
Concen: 0.524 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.01 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion: 84 Resp: 19472

Ion	Ratio	Lower	Upper
84	100		
49	156.2	119.9	179.9
51	60.9	35.7	53.5#
86	38.1	53.8	80.6#



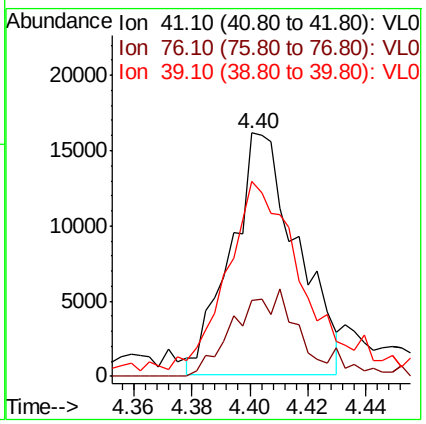


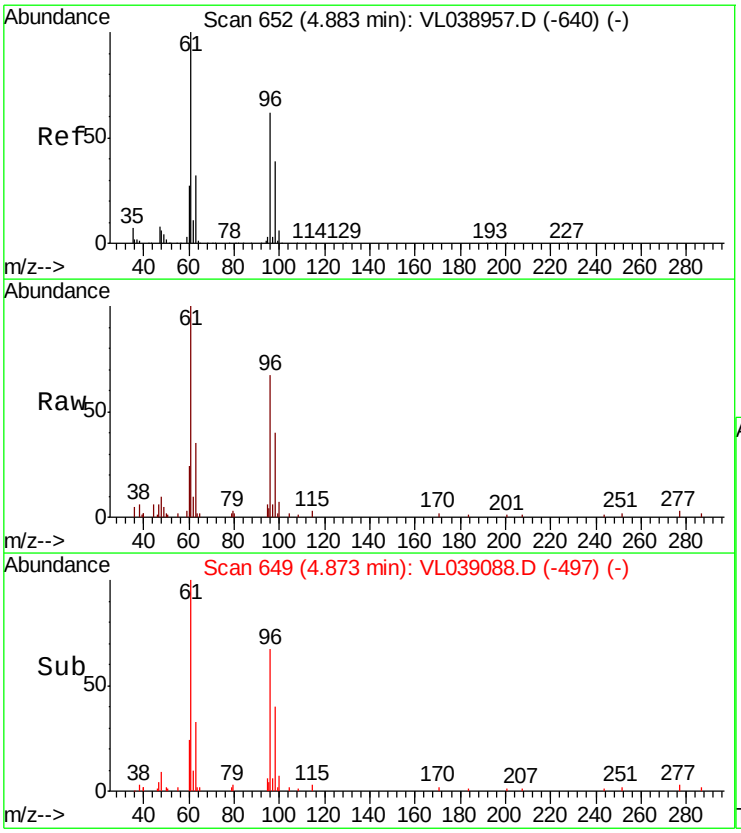
#21
Allyl Chloride
Concen: 0.379 ppbv
RT: 4.40
Delta R.T
Lab File:
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 41 Resp: 25451

Ion	Ratio	Lower	Upper
41	100		
76	39.4	24.2	36.4#
39	96.2	63.8	95.8#

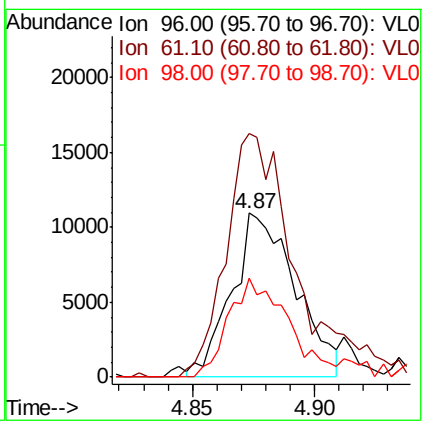


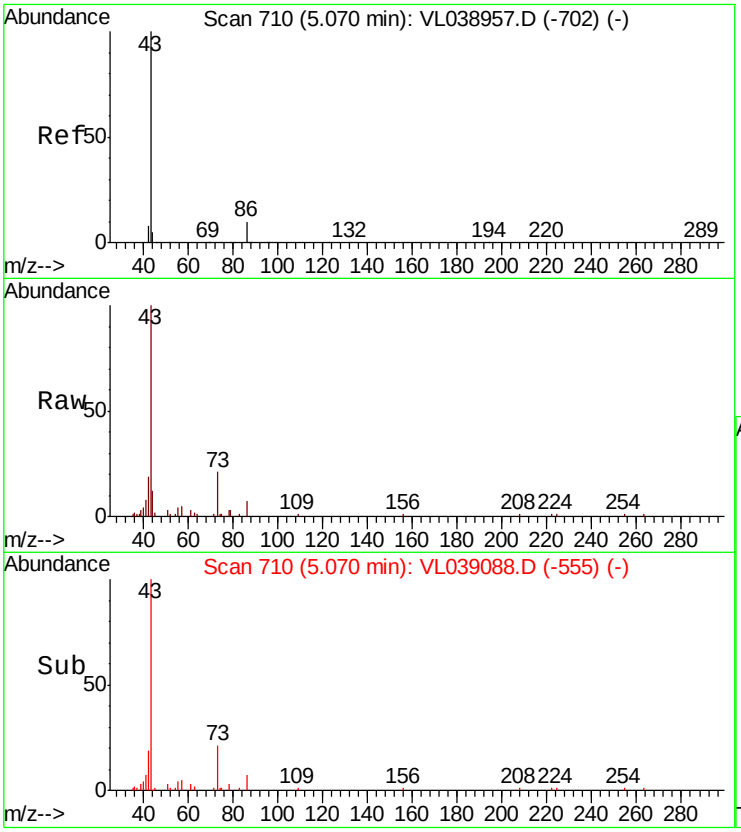


#22
trans-1,2-Dichloroethene
Concen: 0.442 ppbv
RT: 4.87 min Scan# 649
Delta R.T. -0.01 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion: 96 Resp: 19886

Ion	Ratio	Lower	Upper
96	100		
61	148.3	128.2	192.2
98	61.8	50.1	75.1



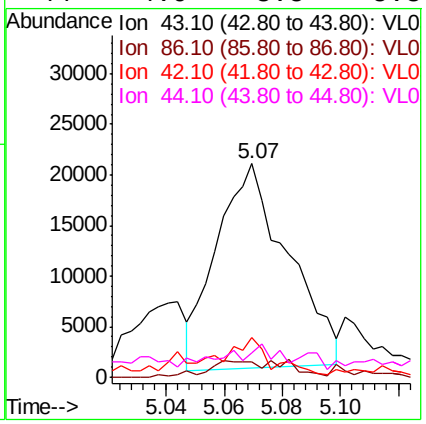


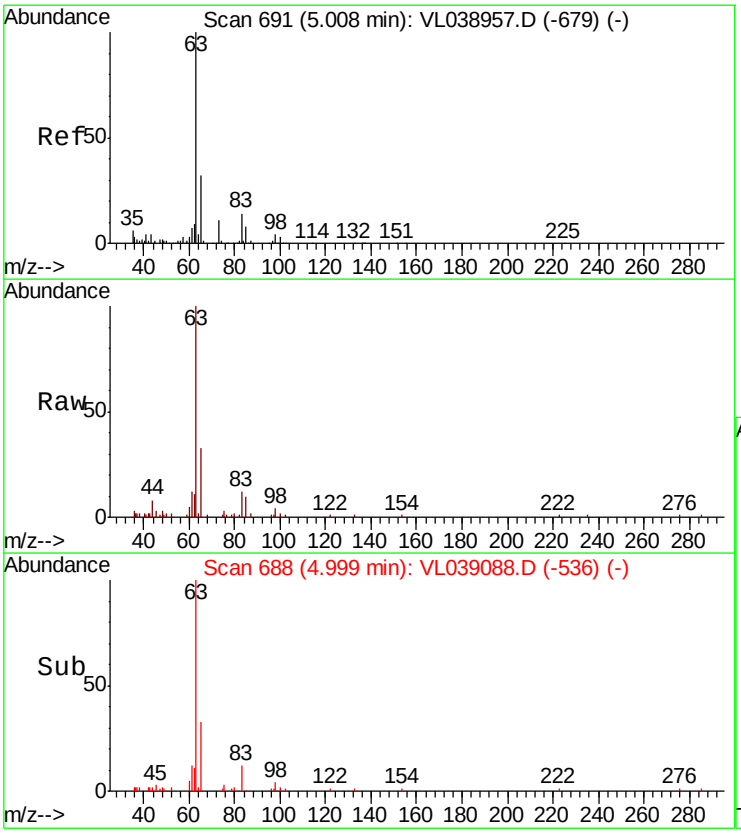
#23
Vinyl Acetate
Concen: 0.446 ppbv
RT: 5.07
Delta R.T
Lab File:
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 43 Resp: 34784

Ion	Ratio	Lower	Upper
43	100		
86	4.9	6.6	9.8#
42	18.5	8.1	12.1#
44	4.9	3.5	5.3

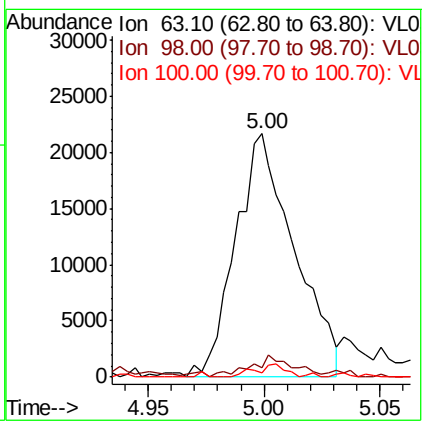


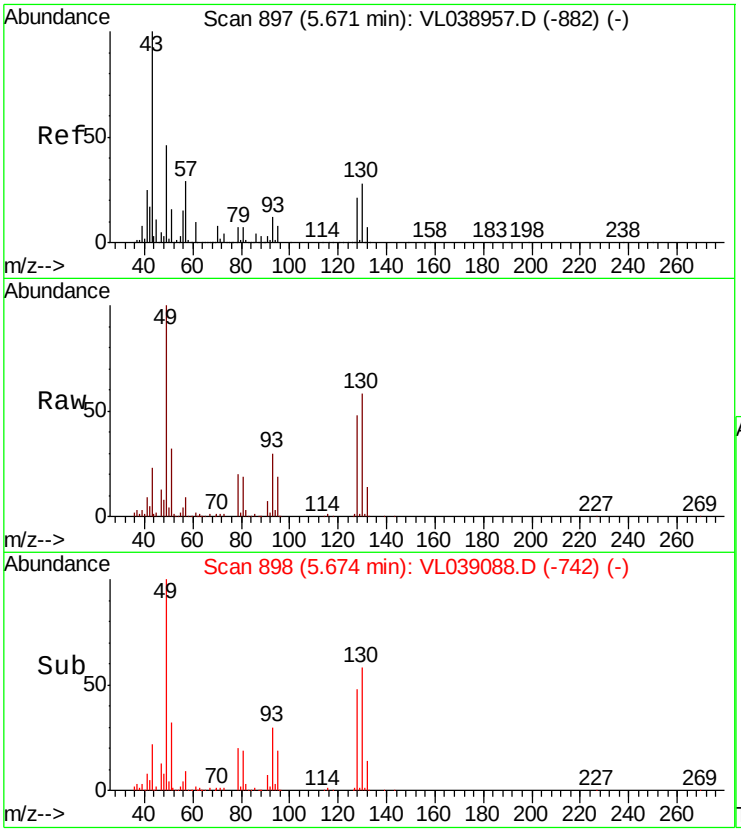


#24
1,1-Dichloroethane
Concen: 0.424 ppbv
RT: 5.00 min Scan# 688
Delta R.T. -0.01 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion: 63 Resp: 38161

Ion	Ratio	Lower	Upper
63	100		
98	2.5	2.1	6.2
100	1.7	1.4	4.2



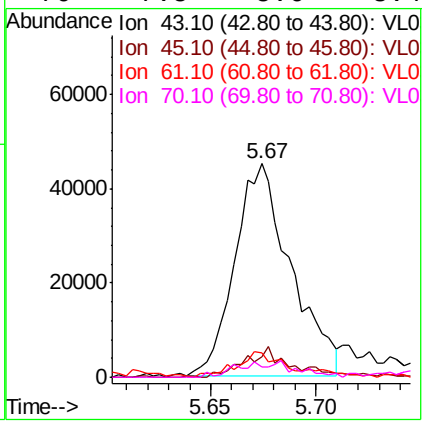


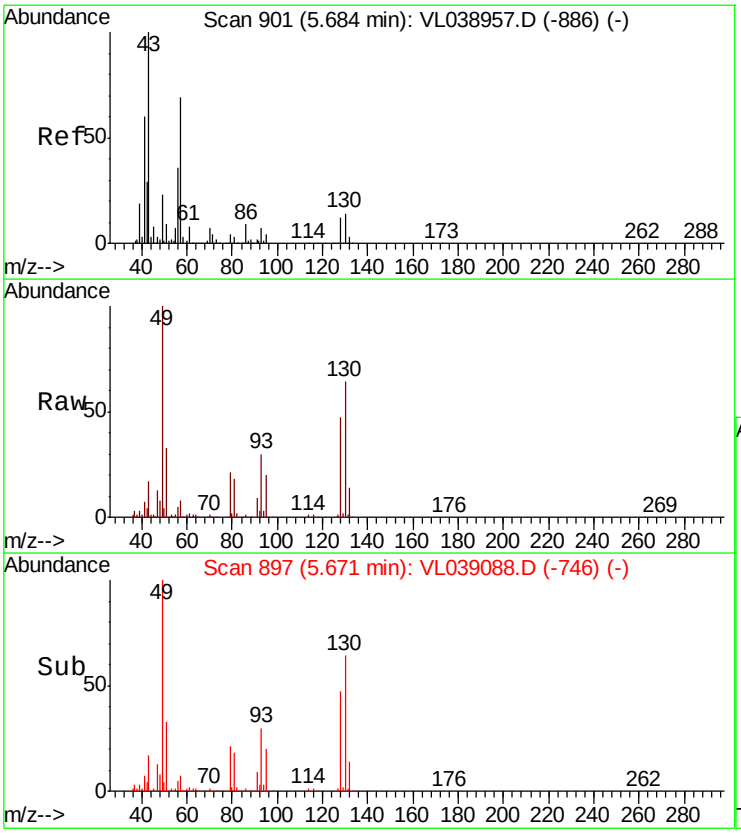
#25
Ethyl Acetate
Concen: 0.353 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 43 Resp: 83298

Ion	Ratio	Lower	Upper
43	100		
45	13.1	8.1	12.1#
61	12.3	7.8	11.6#
70	7.5	5.6	8.4

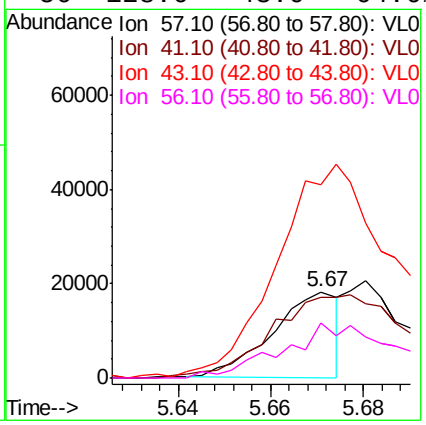


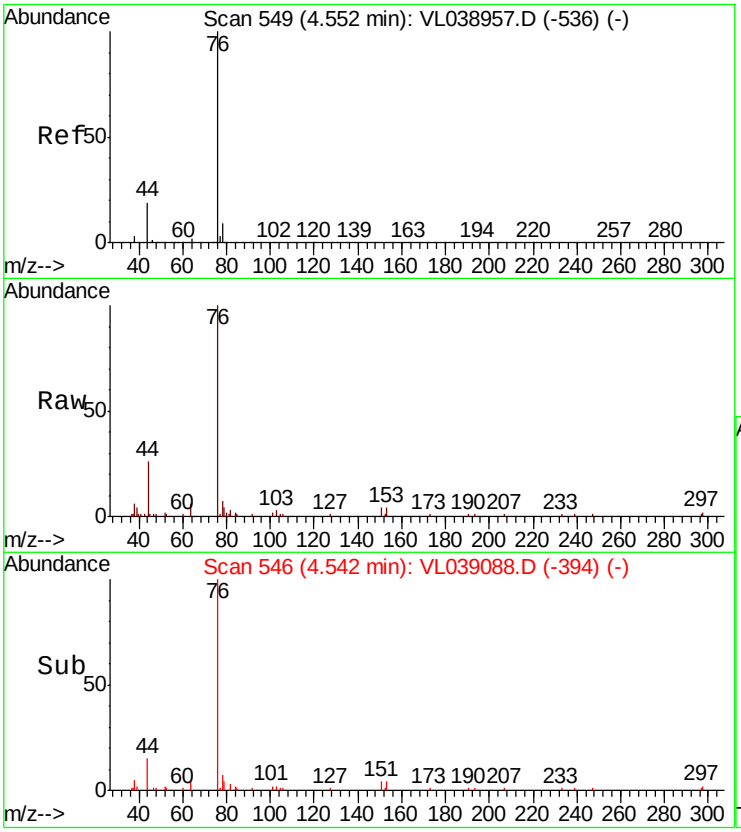


#26
Hexane
Concen: 0.171 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.01 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion: 57 Resp: 17978

Ion	Ratio	Lower	Upper
57	100		
41	0.0	75.2	112.8#
43	0.0	190.8	286.2#
56	128.6	43.0	64.6#



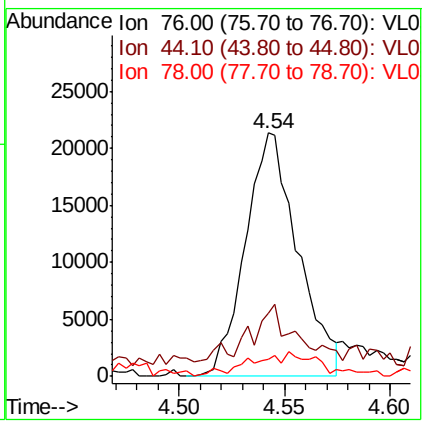


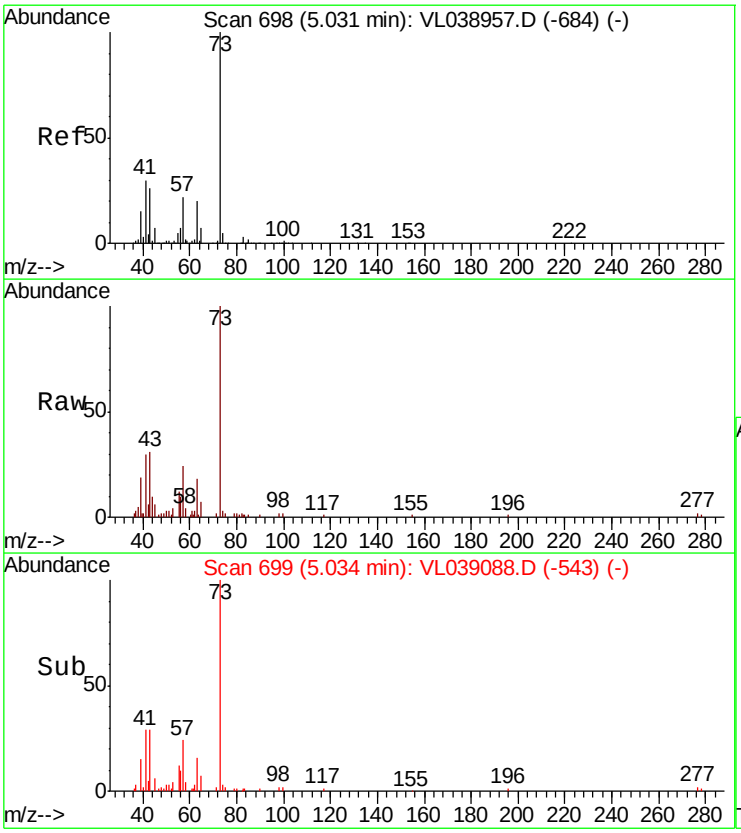
#27
Carbon Disulfide
Concen: 0.371 ppbv
RT: 4.54
Delta R.T
Lab File:
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 76 Resp: 36931

Ion	Ratio	Lower	Upper
76	100		
44	30.4	15.3	22.9#
78	14.3	8.2	12.2#

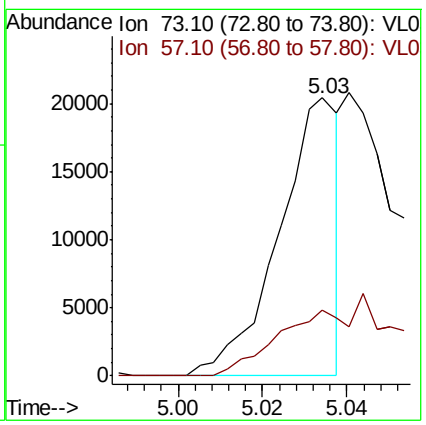


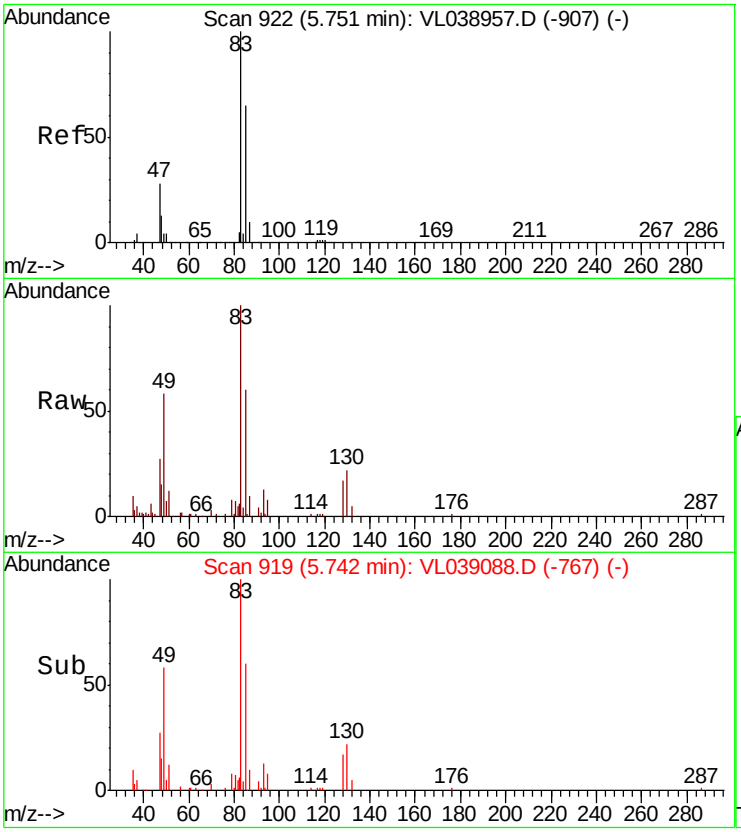


#28
Methyl tert-Butyl Ether
Concen: 0.251 ppbv
RT: 5.03 min Scan# 699
Delta R.T. 0.00 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion: 73 Resp: 20069

Ion	Ratio	Lower	Upper
73	100		
57	0.0	18.8	28.2#



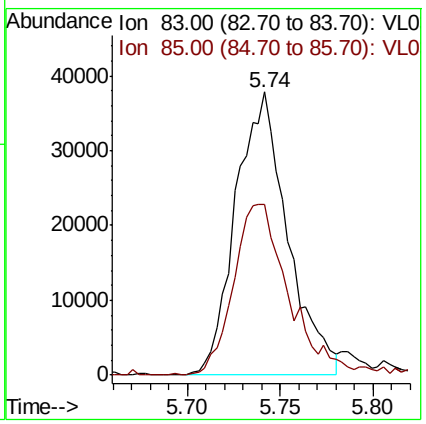


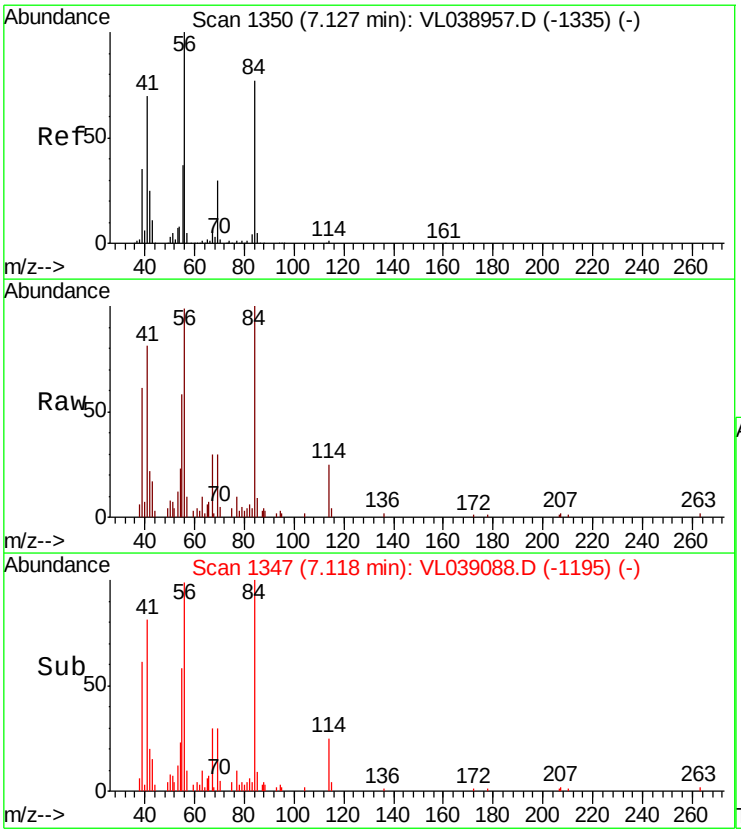
#29
Chloroform
Concen: 0.435 ppbv
RT: 5.74
Delta R.T
Lab File:
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 83 Resp: 73832

Ion	Ratio	Lower	Upper
83	100		
85	60.2	51.8	77.6

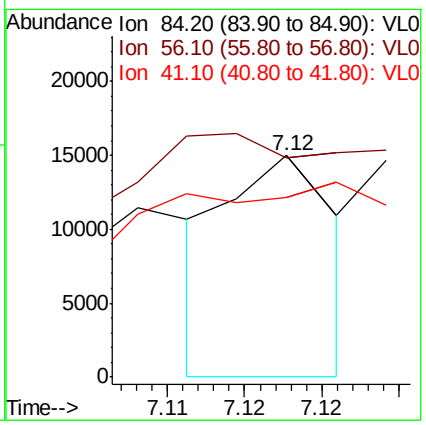


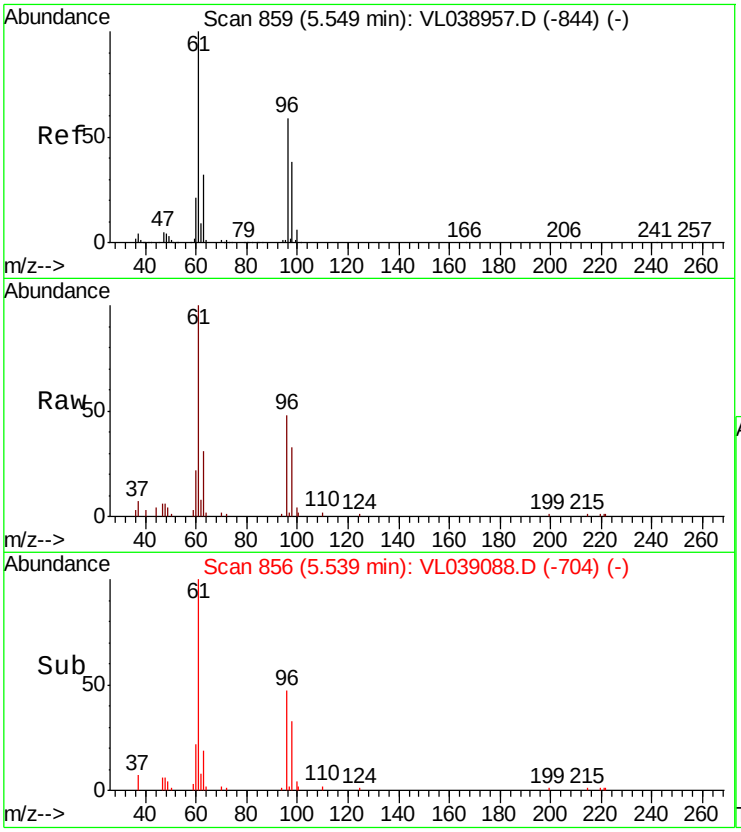


#30
Cyclohexane
Concen: 0.083 ppbv
RT: 7.12 min Scan# 1347
Delta R.T. -0.01 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion: 84 Resp: 7323

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



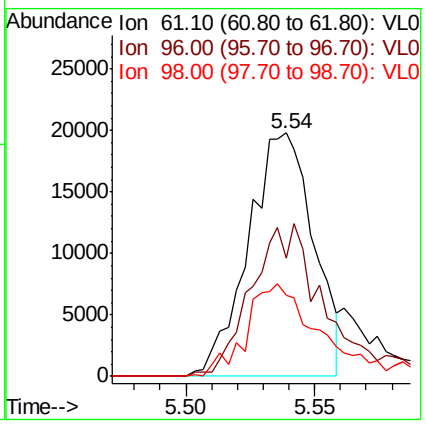


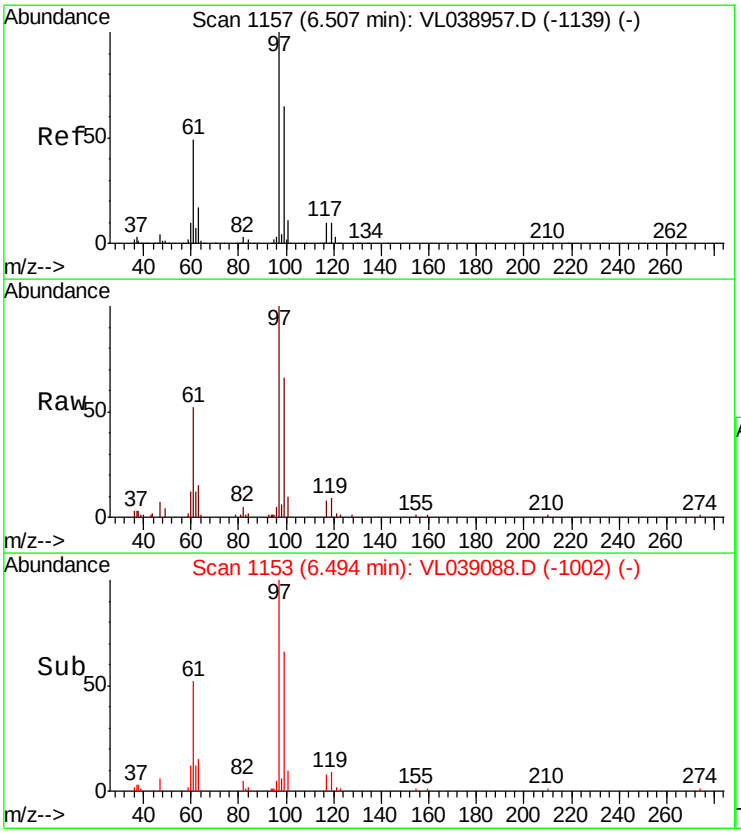
#31
cis-1,2-Dichloroethene
Concen: 0.327 ppbv
RT: 5.54
Delta R.T
Lab File:
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 61 Resp: 35001

Ion	Ratio	Lower	Upper
61	100		
96	48.5	47.4	71.0
98	33.5	30.6	45.8

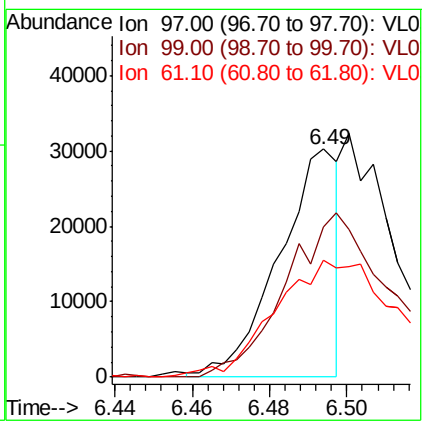


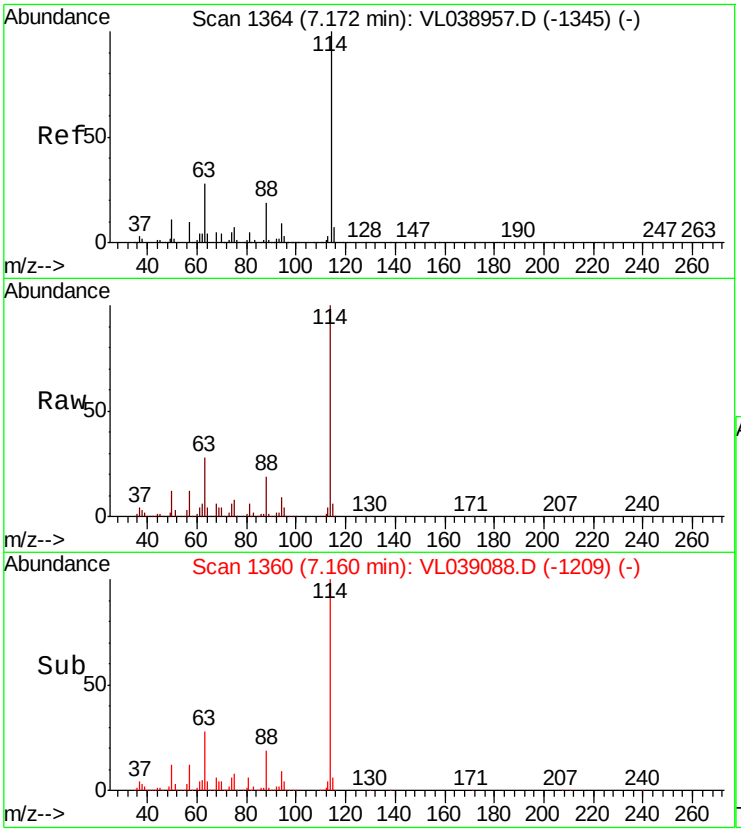


#32
1,1,1-Trichloroethane
Concen: 0.189 ppbv
RT: 6.49 min Scan# 1153
Delta R.T. -0.01 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion: 97 Resp: 32160

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.9	77.9#
61	112.4	40.9	61.3#



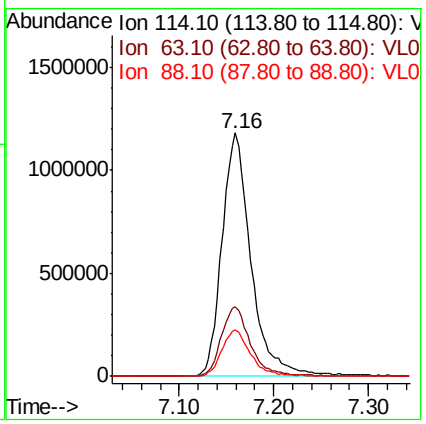


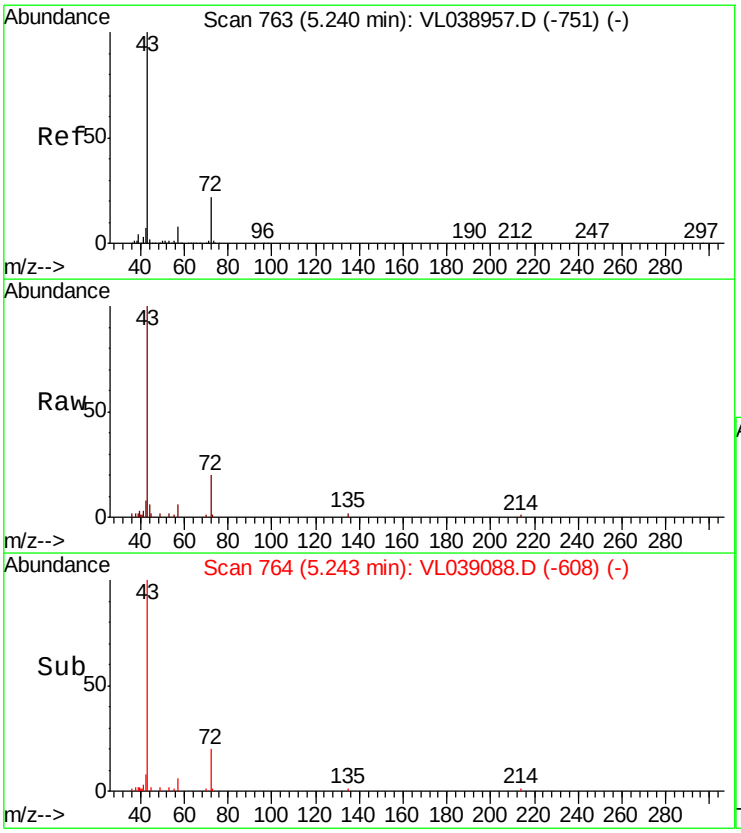
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16
Delta R.T
Lab File:
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion:114 Resp: 2514702

Ion	Ratio	Lower	Upper
114	100		
63	29.0	22.6	33.8
88	19.2	15.4	23.0

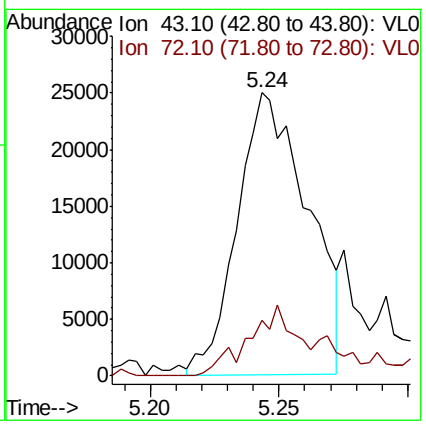


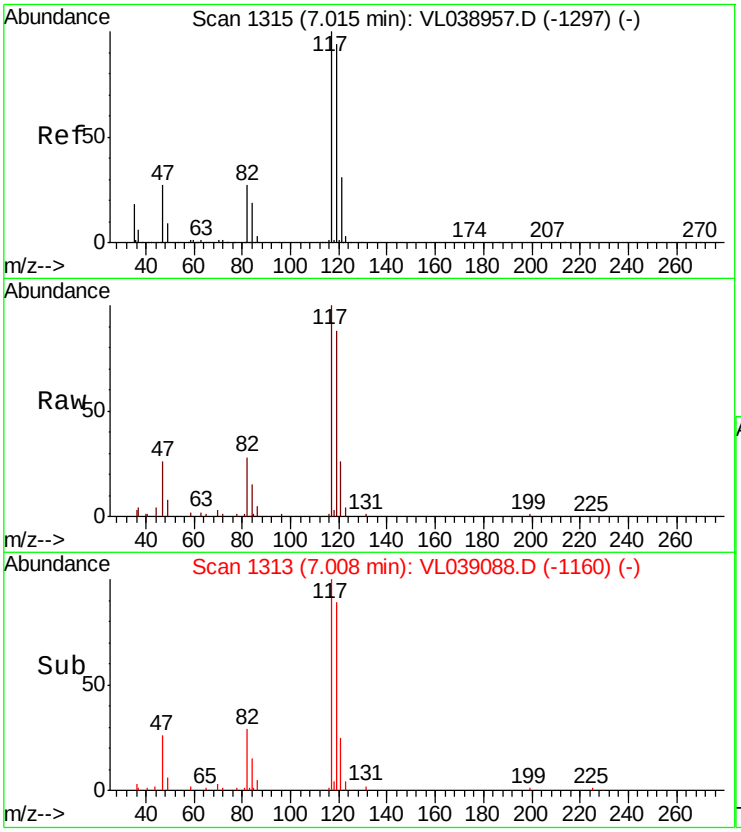


#34
2-Butanone
Concen: 0.372 ppbv
RT: 5.24 min Scan# 764
Delta R.T. 0.00 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion: 43 Resp: 47723

Ion	Ratio	Lower	Upper
43	100		
72	27.6	17.8	26.6#



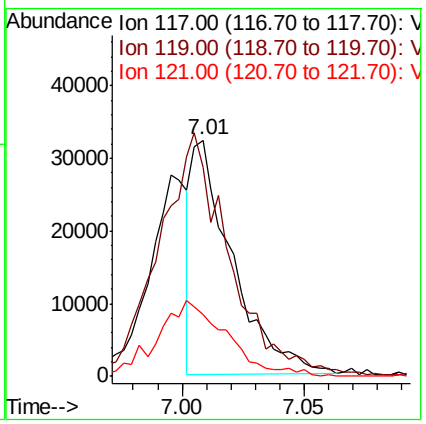


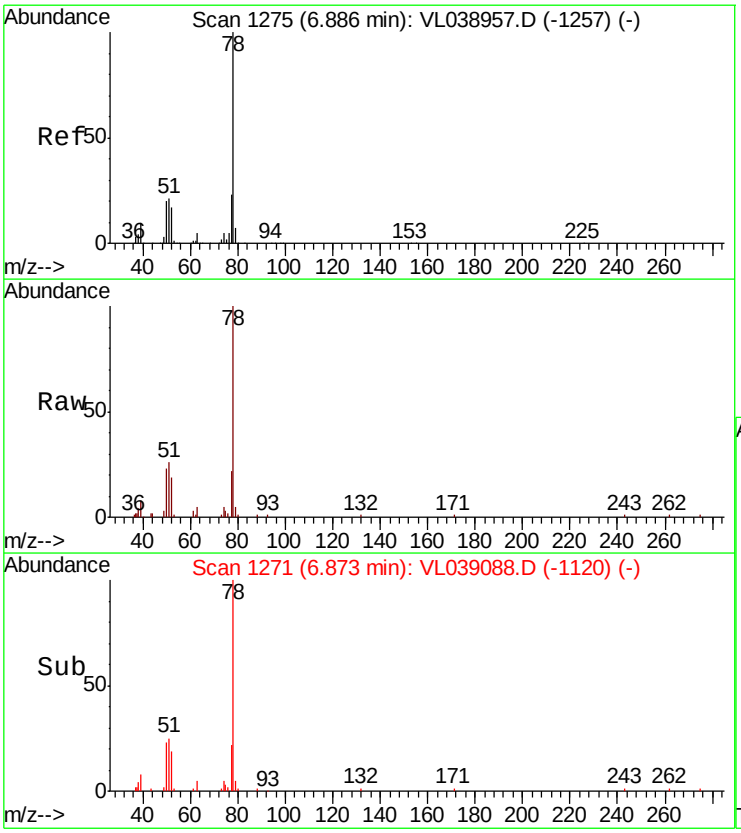
#35
Carbon Tetrachloride
Concen: 0.222 ppbv
RT: 7.01
Delta R.T
Lab File:
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion:117 Resp: 36829

Ion	Ratio	Lower	Upper
117	100		
119	87.0	75.2	112.8
121	26.4	24.6	37.0

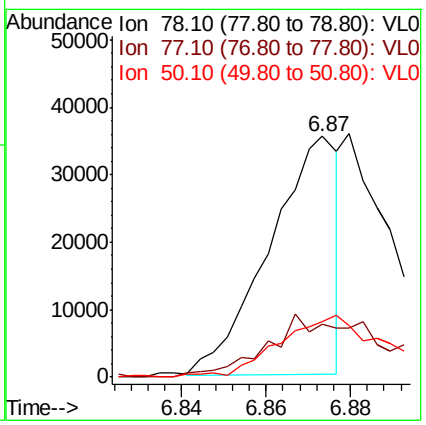


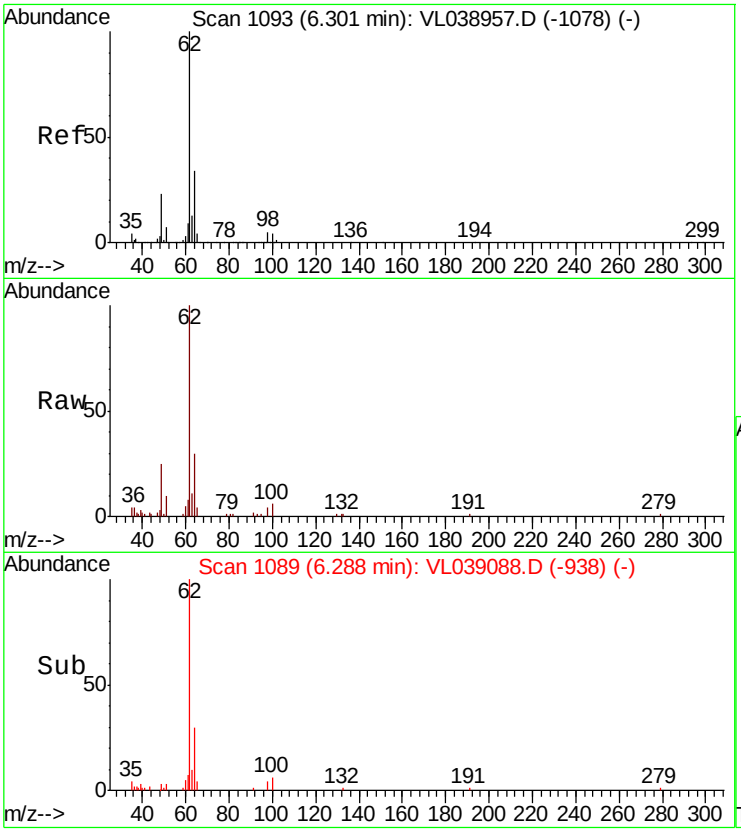


#36
Benzene
Concen: 0.186 ppbv
RT: 6.87 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion: 78 Resp: 40109

Ion	Ratio	Lower	Upper
78	100		
77	20.3	18.6	28.0
50	22.0	15.6	23.4



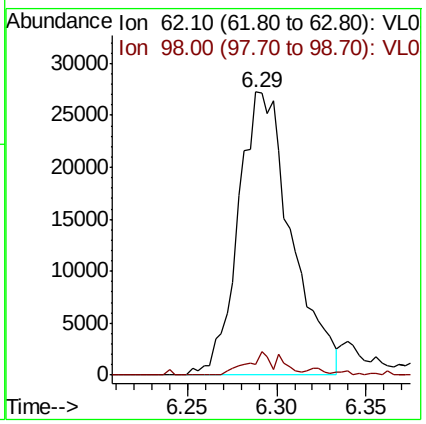


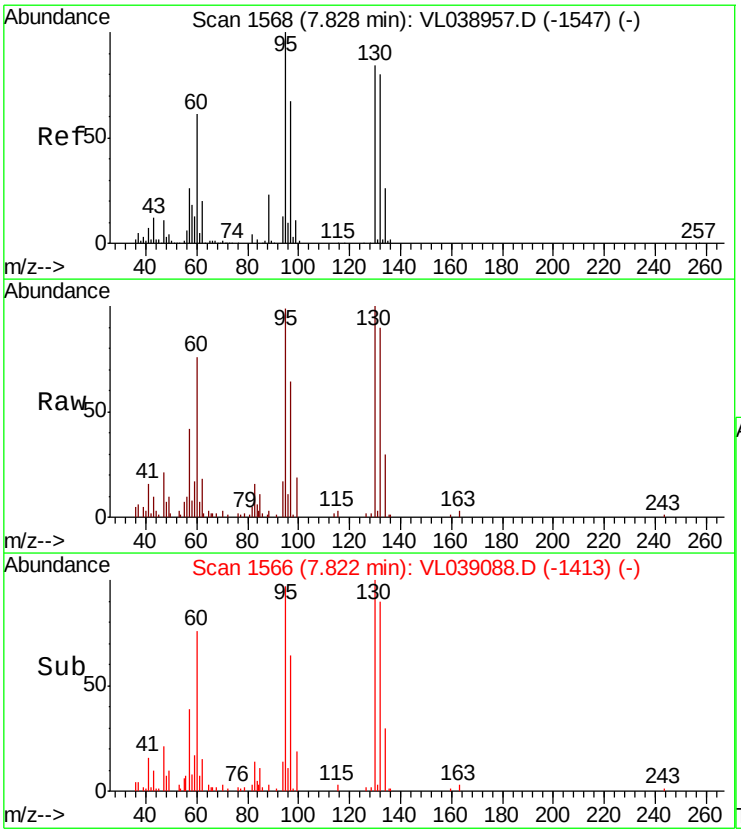
#37
1,2-Dichloroethane
Concen: 0.425 ppbv
RT: 6.29
Delta R.T
Lab File:
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 62 Resp: 56593

Ion	Ratio	Lower	Upper
62	100		
98	6.3	4.5	6.7

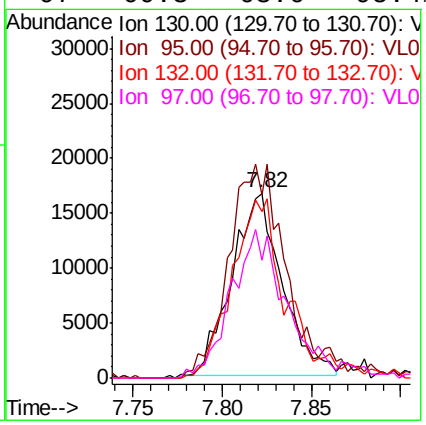


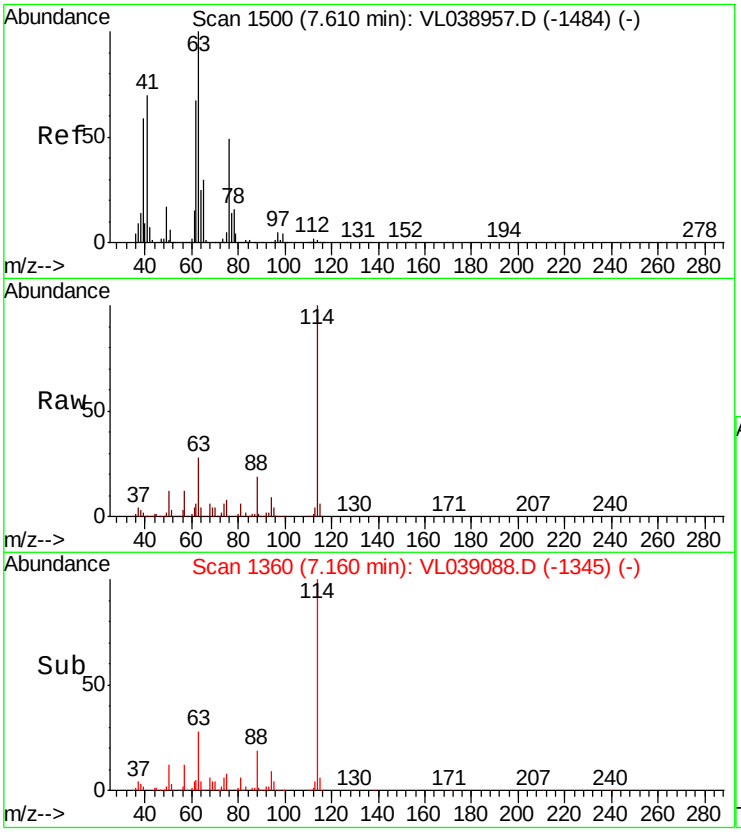


#38
Trichloroethene
Concen: 0.343 ppbv
RT: 7.82 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion:130 Resp: 32825

Ion	Ratio	Lower	Upper
130	100		
95	96.8	94.8	142.2
132	89.4	75.8	113.8
97	60.3	63.6	95.4#



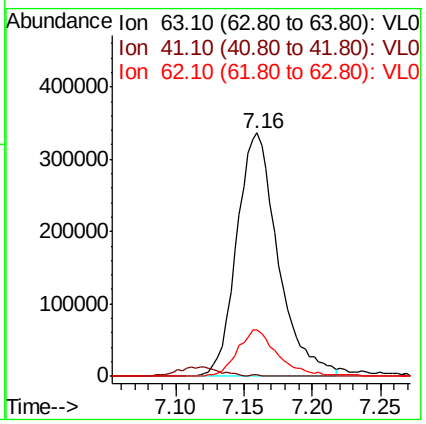


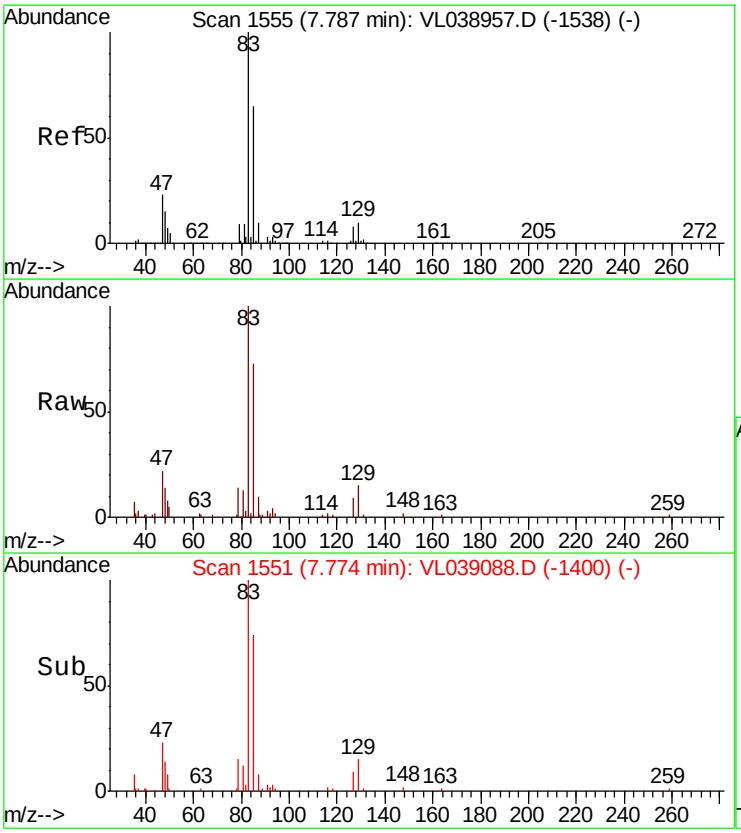
#39
1,2-Dichloropropane
Concen: 8.433 ppbv
RT: 7.16
Delta R.T
Lab File:
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 63 Resp: 706112

Ion	Ratio	Lower	Upper
63	100		
41	0.4	55.9	83.9#
62	19.2	53.8	80.6#

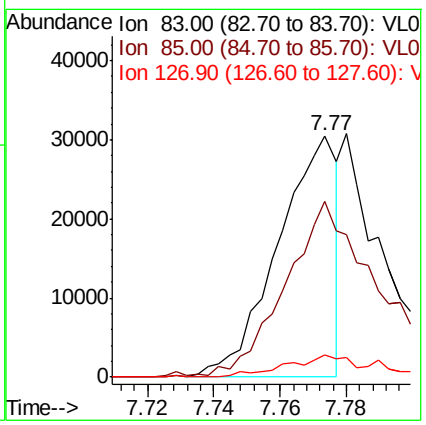


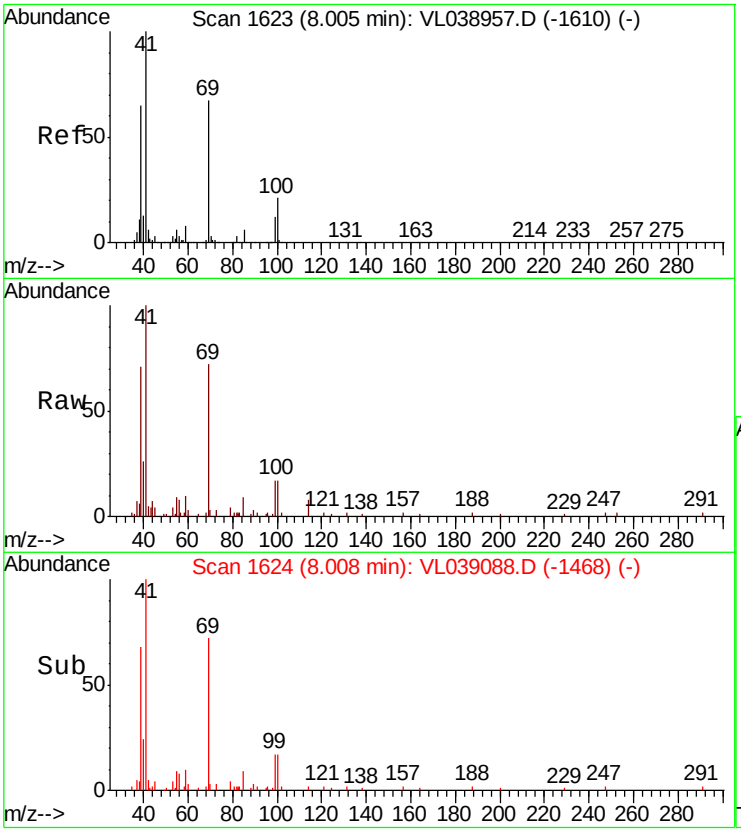


#42
Bromodichloromethane
Concen: 0.208 ppbv
RT: 7.77 min Scan# 1551
Delta R.T. -0.01 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion: 83 Resp: 37870

Ion	Ratio	Lower	Upper
83	100		
85	71.7	52.0	78.0
127	9.0	6.0	9.0



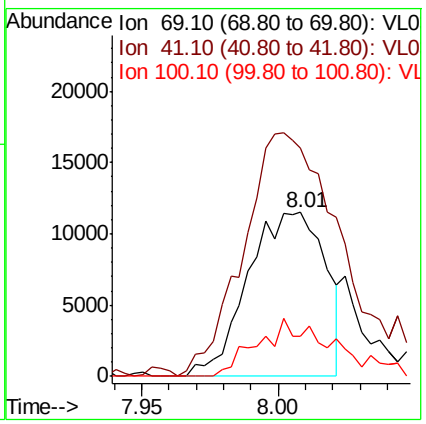


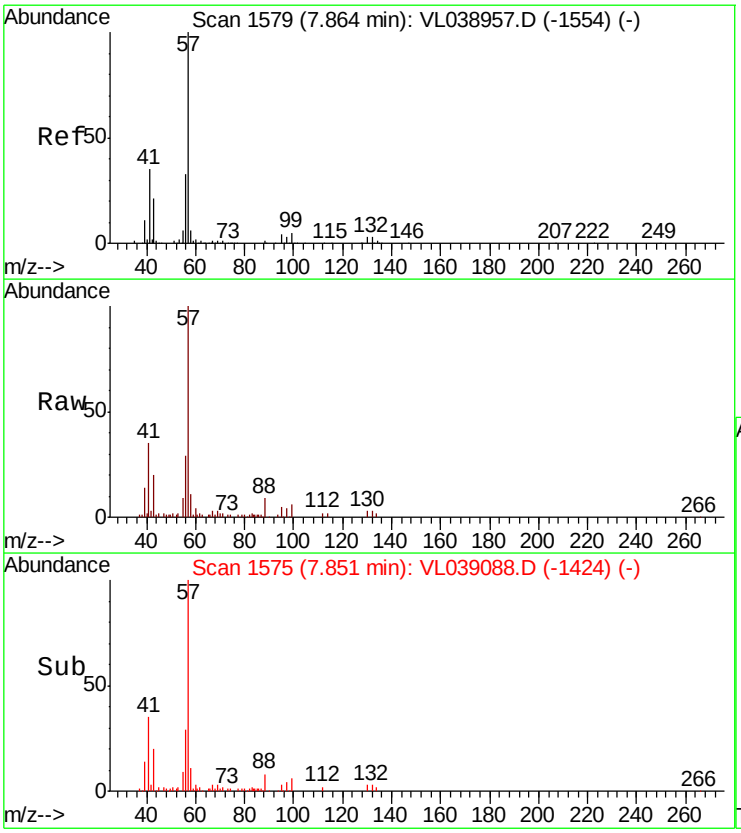
#43
Methyl Methacrylate
Concen: 0.259 ppbv
RT: 8.01
Delta R.T
Lab File:
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 69 Resp: 22665

Ion	Ratio	Lower	Upper
69	100		
41	192.1	121.9	182.9#
100	37.7	24.6	36.8#

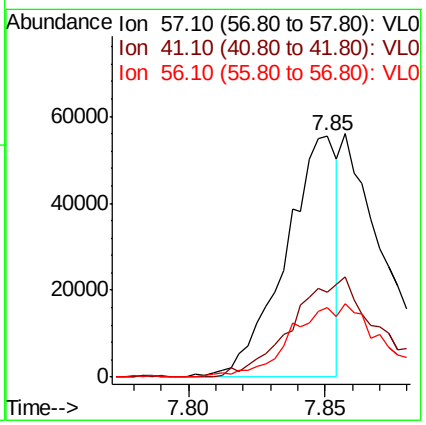


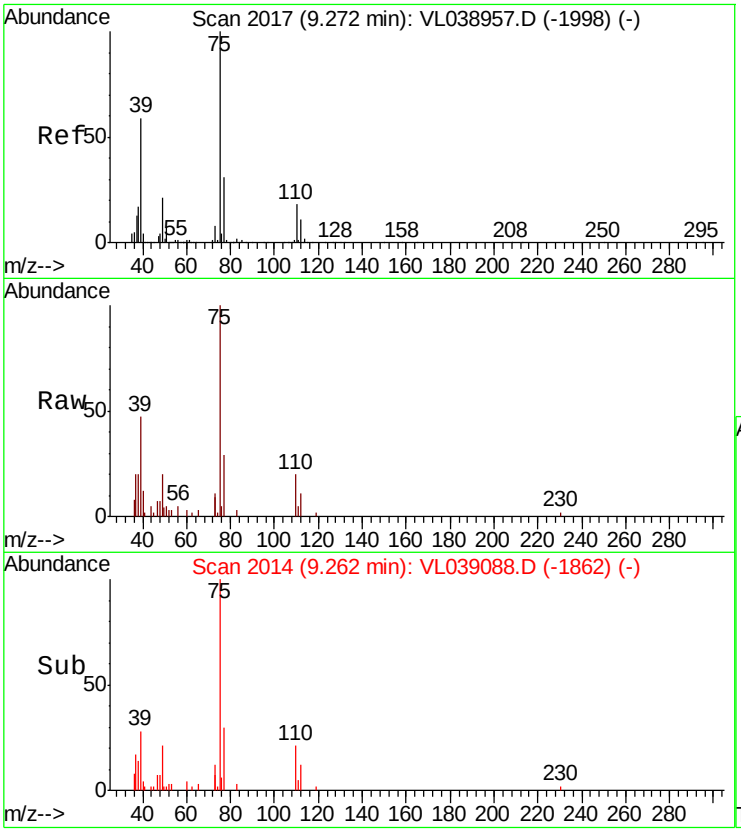


#44
2,2,4-Trimethylpentane
Concen: 0.193 ppbv
RT: 7.85 min Scan# 1575
Delta R.T. -0.01 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion: 57 Resp: 73054

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



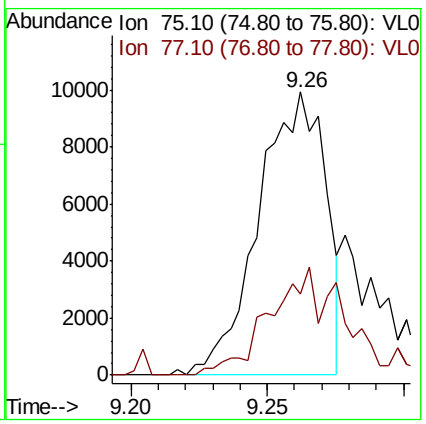


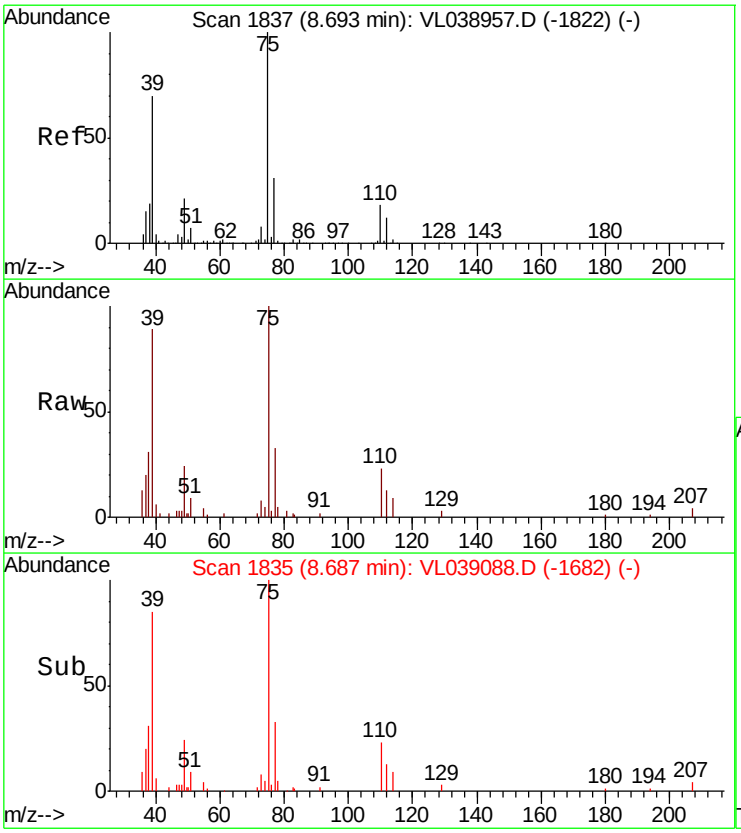
#45
t-1,3-Dichloropropene
Concen: 0.199 ppbv
RT: 9.26
Delta R.T
Lab File:
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 75 Resp: 16859

Ion	Ratio	Lower	Upper
75	100		
77	28.7	24.6	37.0

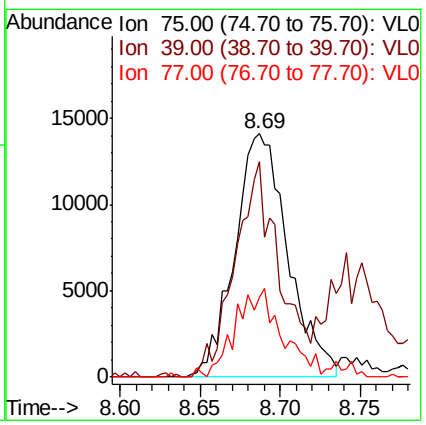


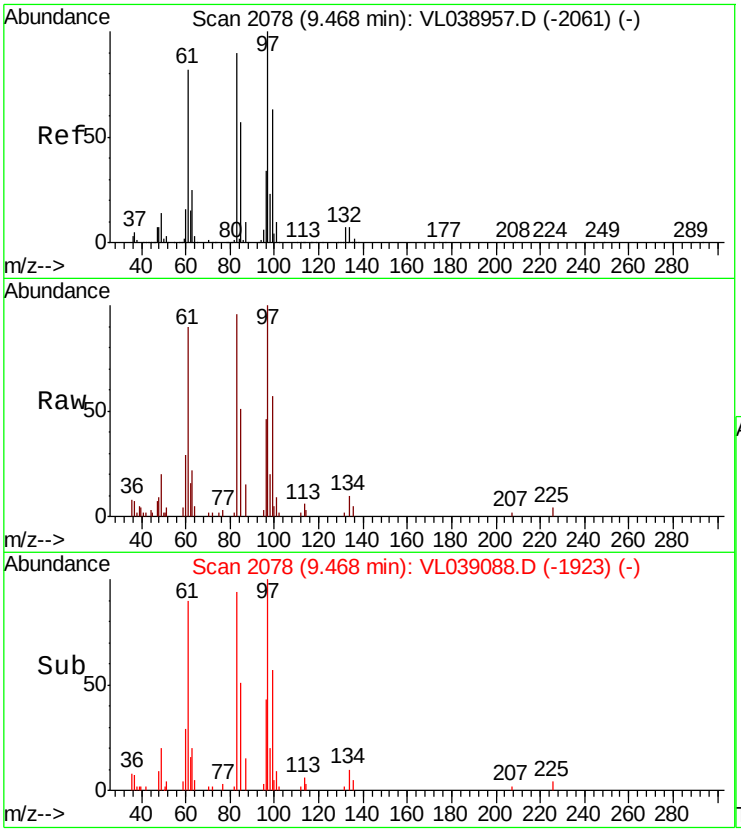


#46
cis-1,3-Dichloropropene
Concen: 0.287 ppbv
RT: 8.69 min Scan# 1835
Delta R.T. -0.01 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion: 75 Resp: 32187

Ion	Ratio	Lower	Upper
75	100		
39	88.6	55.8	83.6#
77	32.7	24.8	37.2



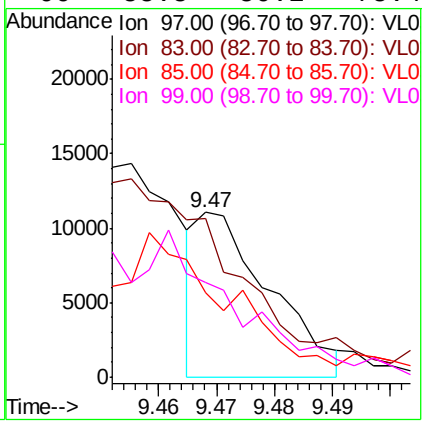


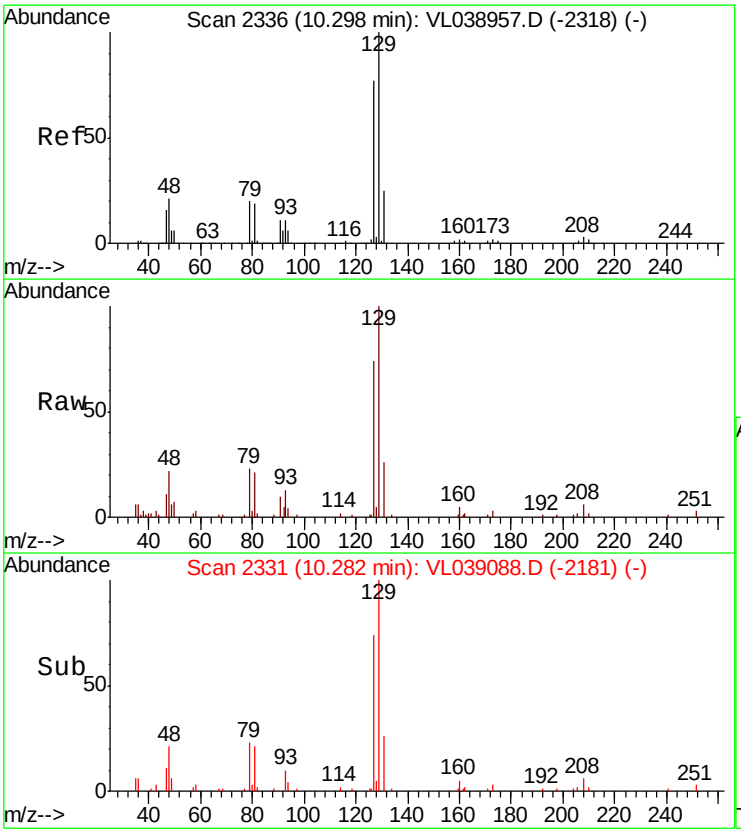
#47
1,1,2-Trichloroethane
Concen: 0.109 ppbv
RT: 9.47
Delta R.T
Lab File:
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 97 Resp: 9535

Ion	Ratio	Lower	Upper
97	100		
83	85.7	72.0	108.0
85	52.6	45.7	68.5
99	55.5	50.2	75.4

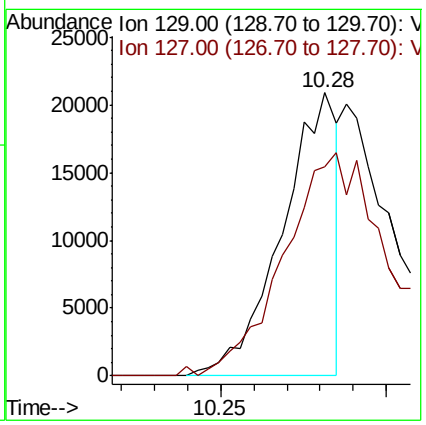


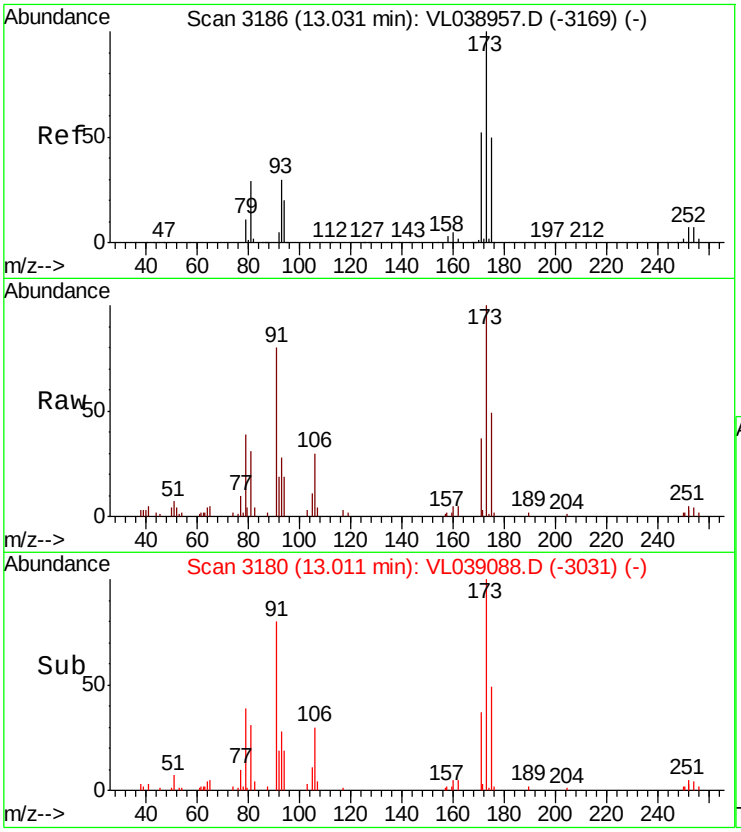


#48
Dibromochloromethane
Concen: 0.170 ppbv
RT: 10.28 min Scan# 2331
Delta R.T. -0.02 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion:129 Resp: 24167

Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.3	117.9#



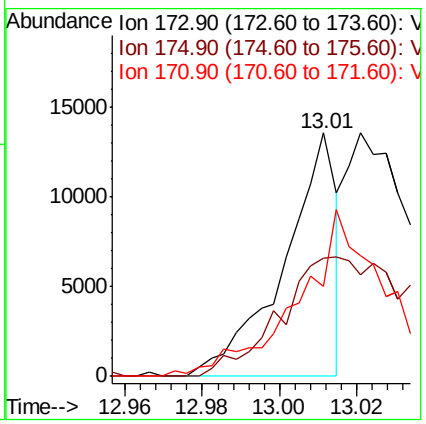


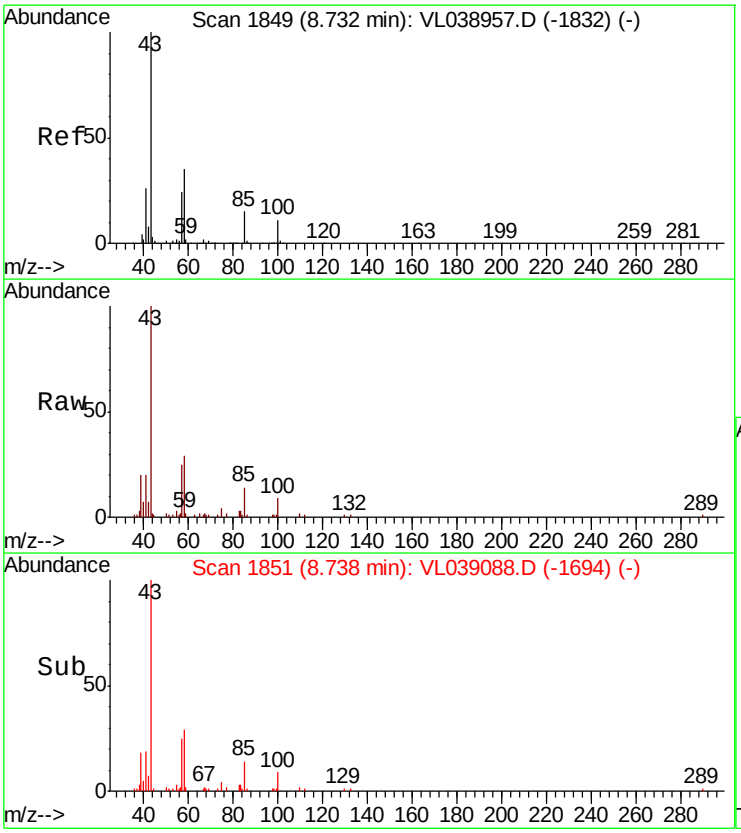
#49
Bromoform
Concen: 0.118 ppbv
RT: 13.01
Delta R.T
Lab File:
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion:173 Resp: 12793

Ion	Ratio	Lower	Upper
173	100		
175	139.8	41.0	61.6#
171	135.9	42.6	64.0#

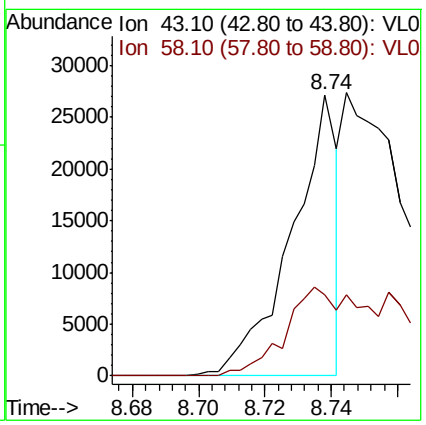


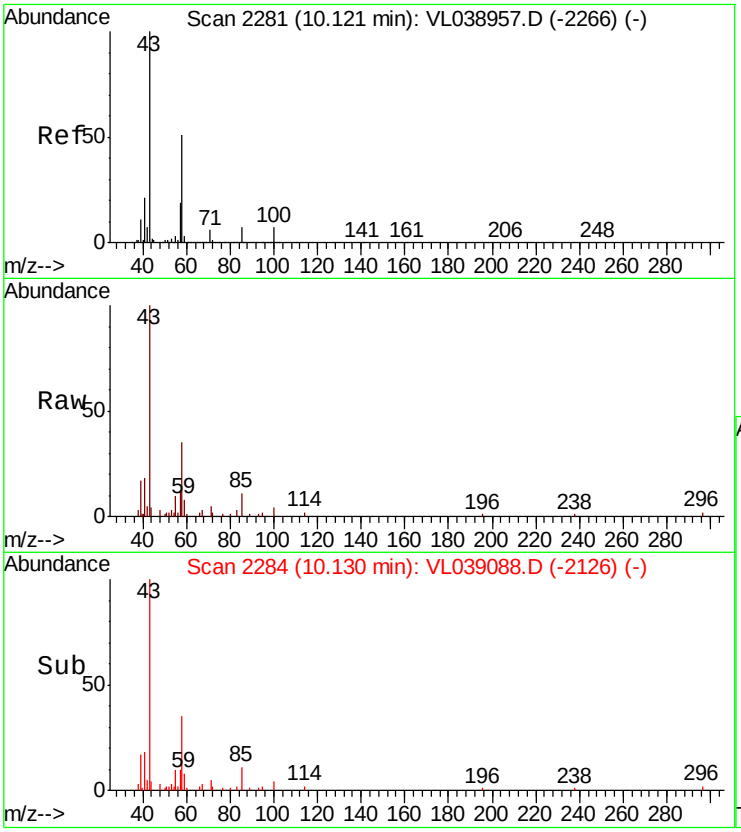


#50
4-Methyl-2-Pentanone
Concen: 0.115 ppbv
RT: 8.74 min Scan# 1851
Delta R.T. 0.01 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion: 43 Resp: 25940

Ion	Ratio	Lower	Upper
43	100		
58	91.0	28.4	42.6#



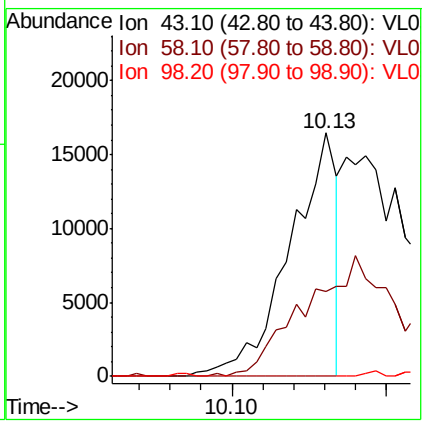


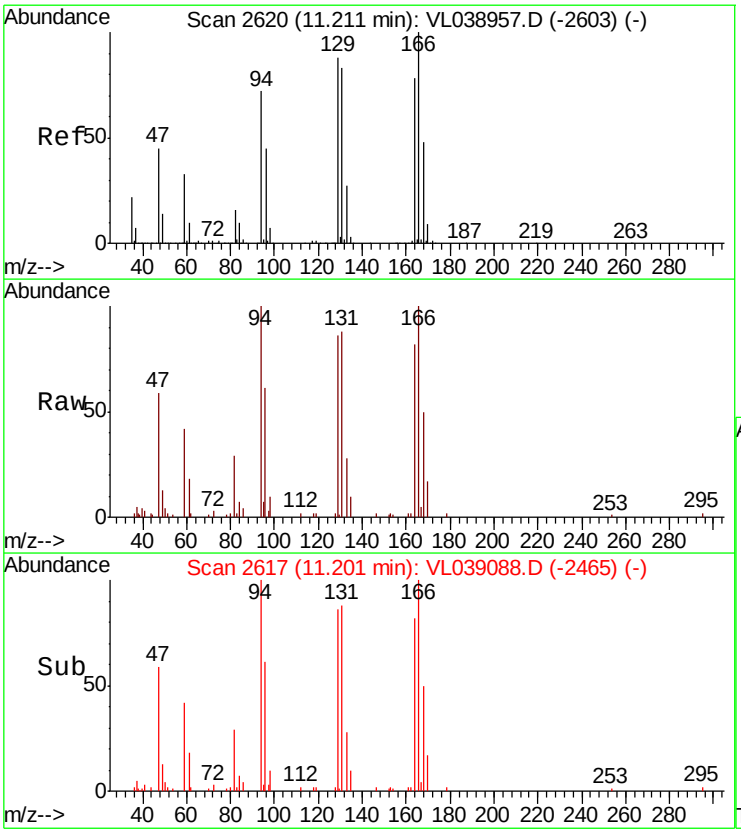
#51
2-Hexanone
Concen: 0.106 ppbv
RT: 10.13
Delta R.T
Lab File:
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 43 Resp: 17403

Ion	Ratio	Lower	Upper
43	100		
58	0.0	39.3	58.9#
98	0.4	0.2	0.2#

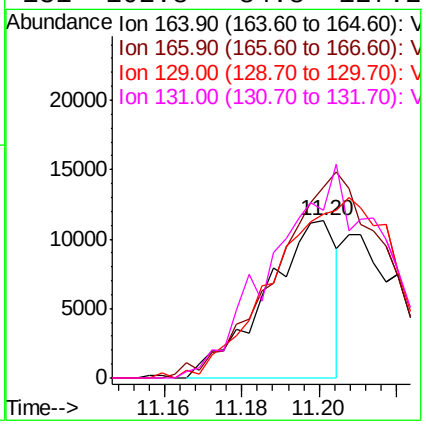


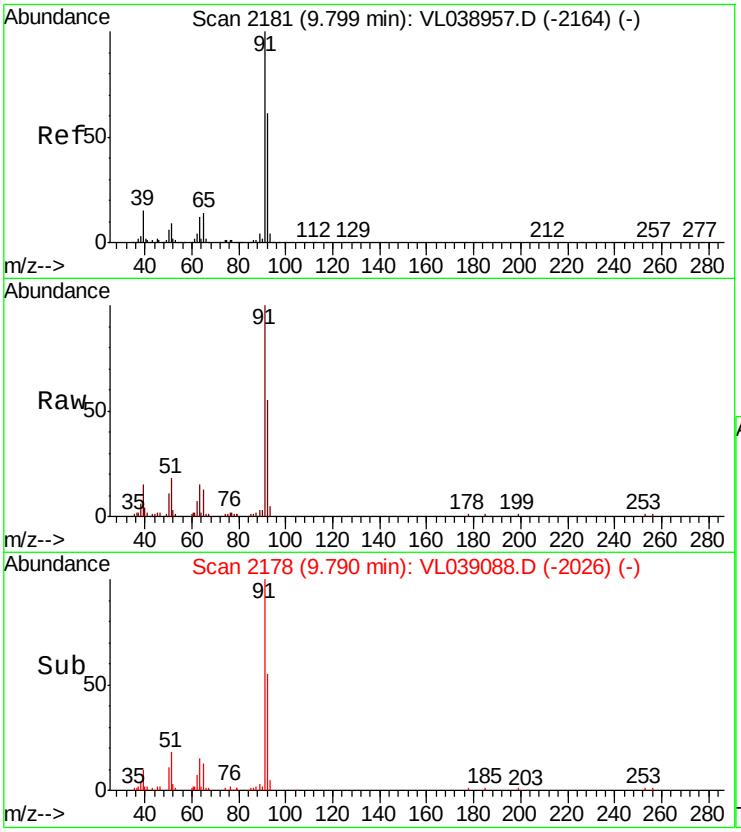


#52
Tetrachloroethene
Concen: 0.187 ppbv
RT: 11.20 min Scan# 2617
Delta R.T. -0.01 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion:164 Resp: 14362

Ion	Ratio	Lower	Upper
164	100		
166	112.1	102.5	153.7
129	101.7	90.1	135.1
131	102.8	84.8	127.2



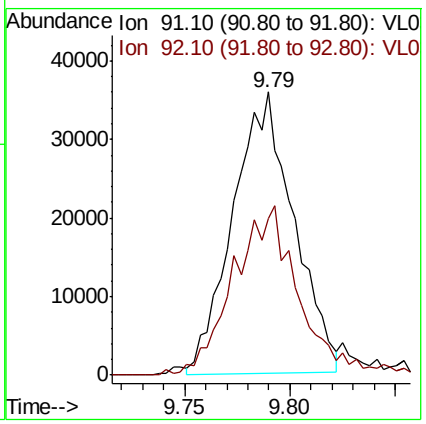


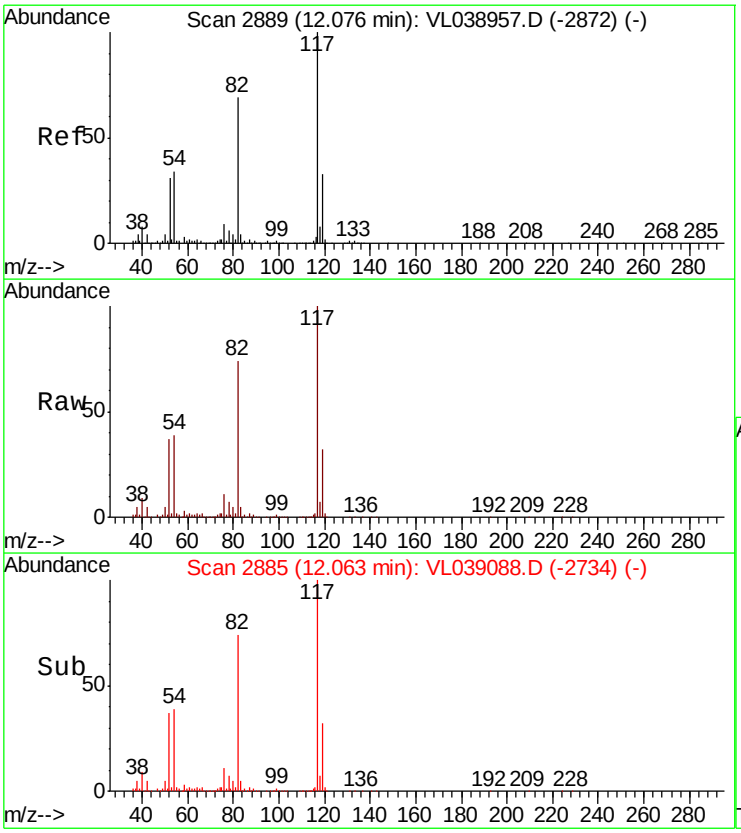
#53
Toluene
Concen: 0.298 ppbv
RT: 9.79
Delta R.T
Lab File:
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 91 Resp: 71997

Ion	Ratio	Lower	Upper
91	100		
92	65.7	48.2	72.2

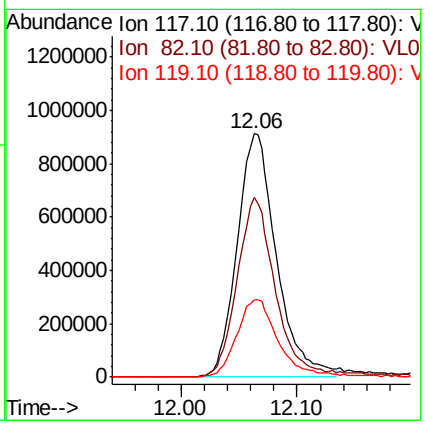


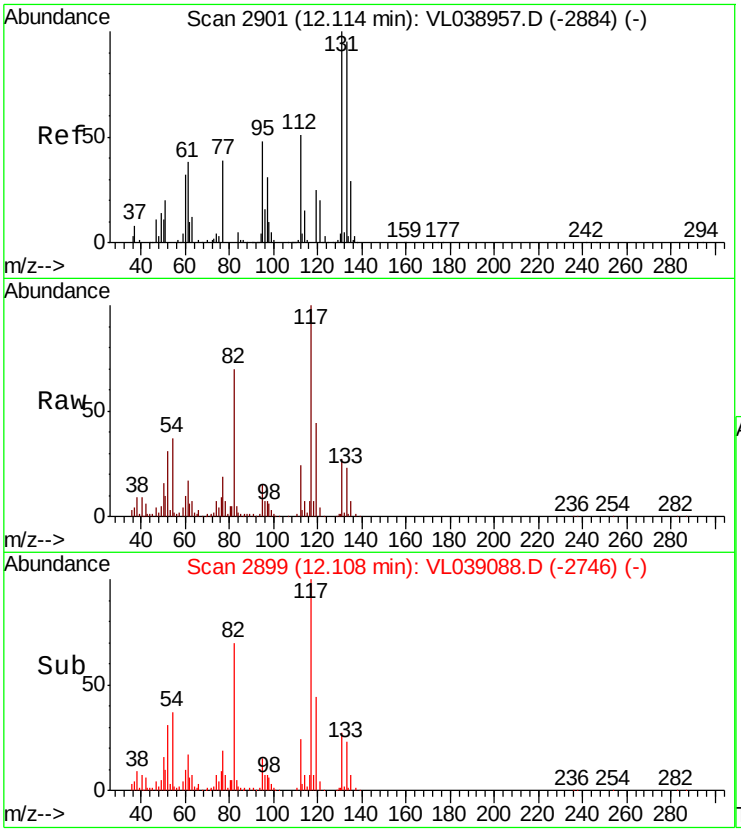


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2885
Delta R.T. -0.01 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion:117 Resp: 2145919

Ion	Ratio	Lower	Upper
117	100		
82	74.9	57.0	85.6
119	33.9	27.2	40.8



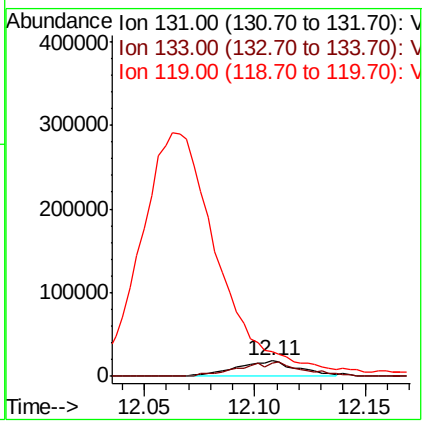


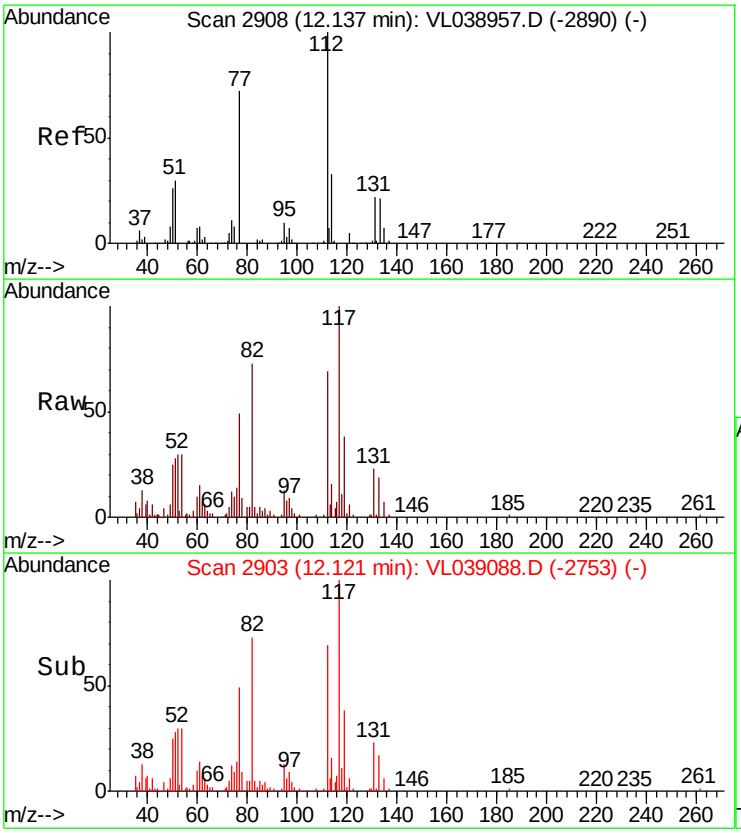
#56
1,1,1,2-Tetrachloroethane
Concen: 0.388 ppbv
RT: 12.11
Delta R.T
Lab File:
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion:131 Resp: 36498

Ion	Ratio	Lower	Upper
131	100		
133	100.6	76.9	115.3
119	0.0	47.4	71.0#

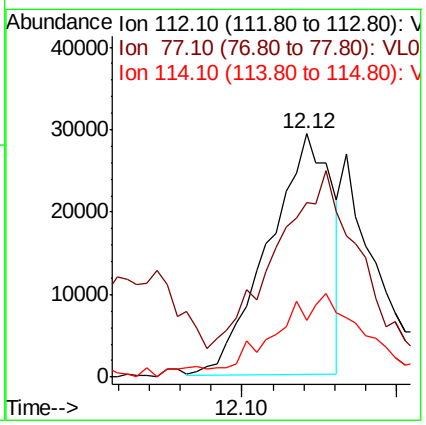


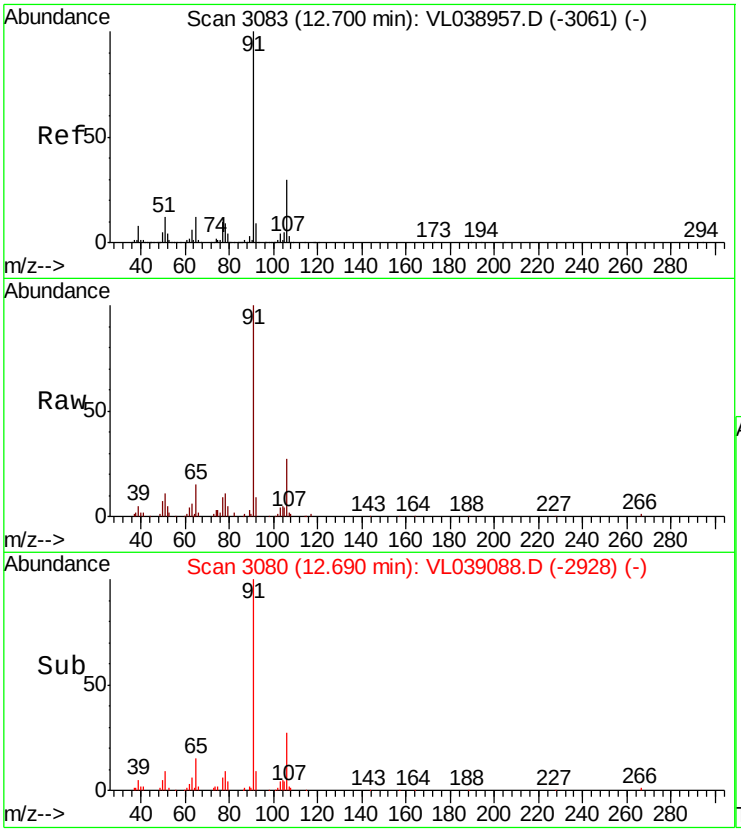


#57
Chlorobenzene
Concen: 0.259 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. -0.02 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion:112 Resp: 41686

Ion	Ratio	Lower	Upper
112	100		
77	45.6	57.7	86.5#
114	19.4	30.1	36.7#



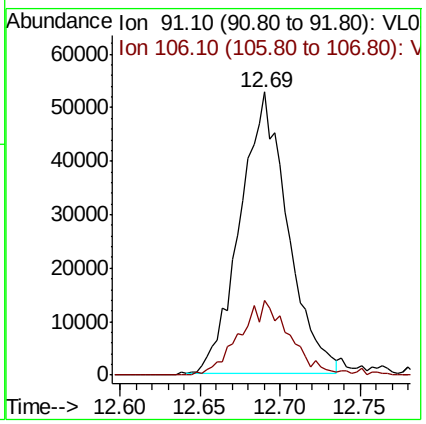


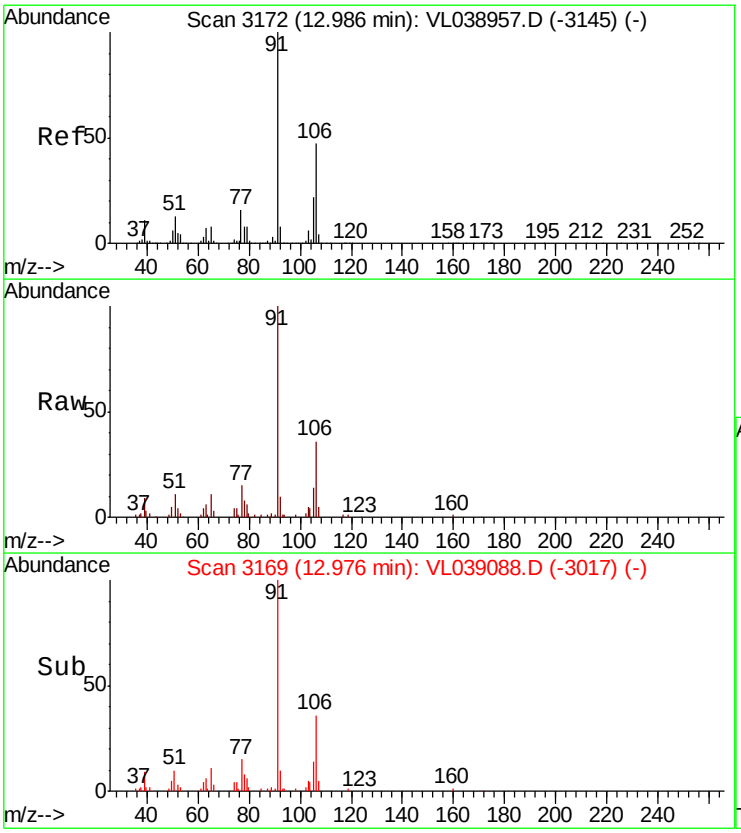
#58
Ethyl Benzene
Concen: 0.347 ppbv
RT: 12.69
Delta R.T
Lab File:
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 91 Resp: 107247

Ion	Ratio	Lower	Upper
91	100		
106	26.7	24.2	36.4

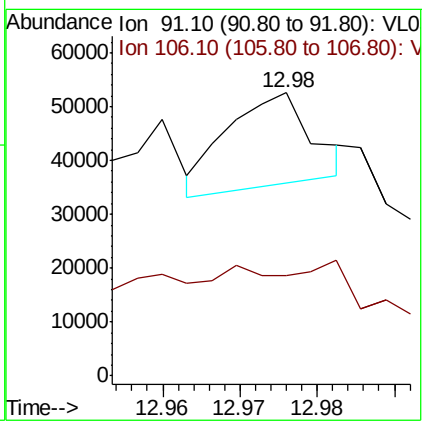


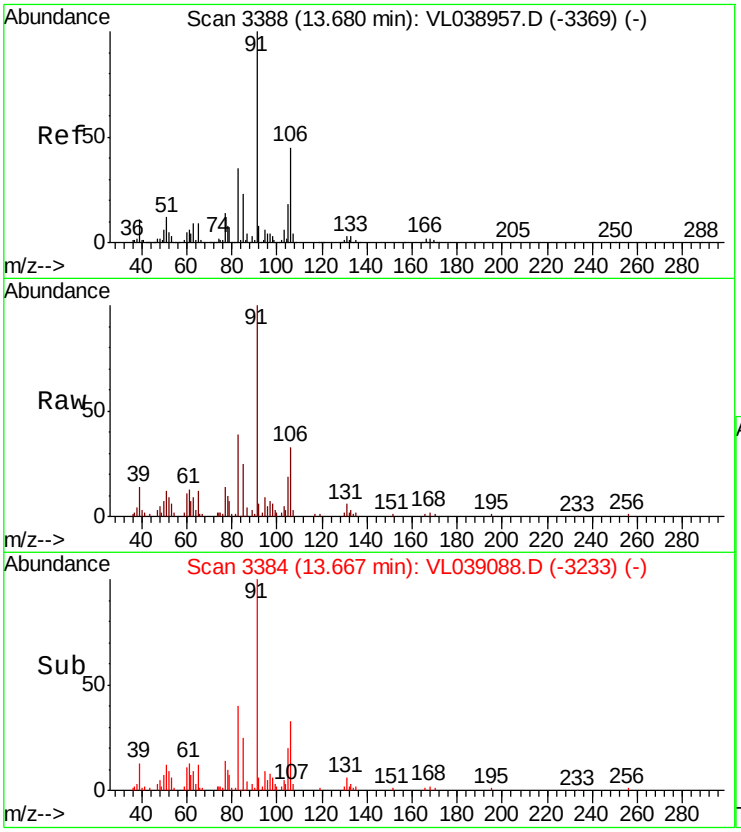


#59
m/p-Xylene
Concen: 0.051 ppbv
RT: 12.98 min Scan# 3169
Delta R.T. -0.01 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion: 91 Resp: 13385

Ion	Ratio	Lower	Upper
91	100		
106	597.6	34.6	52.0#



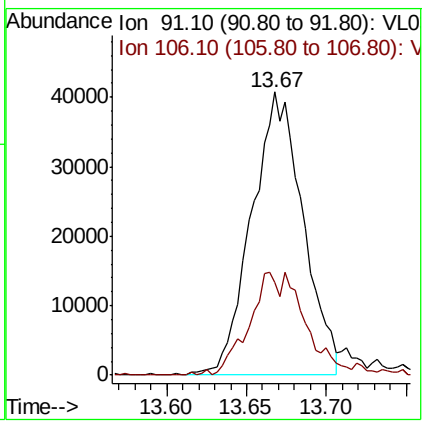


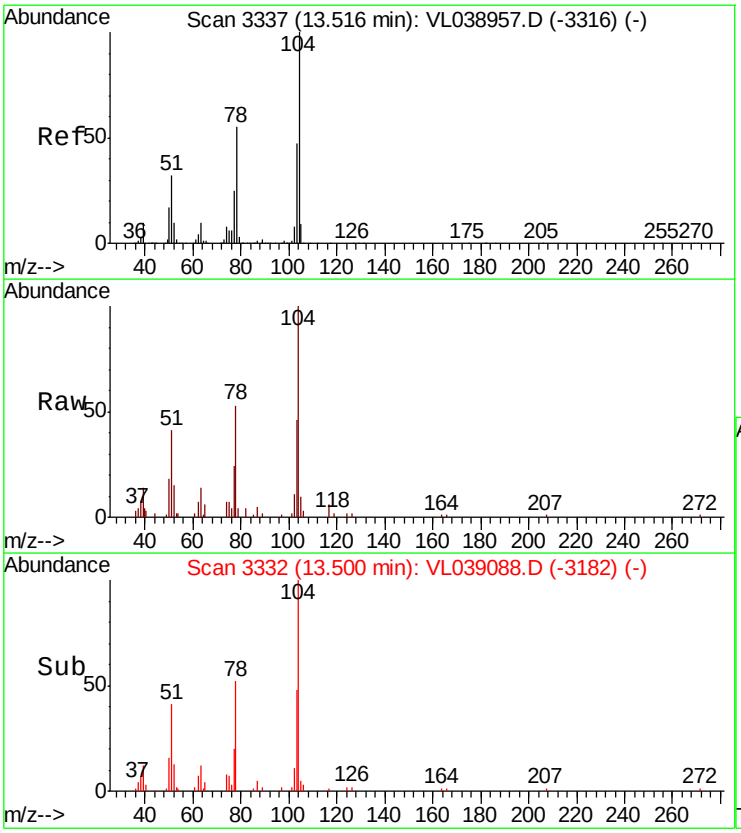
#60
o-Xylene
Concen: 0.365 ppbv
RT: 13.67
Delta R.T
Lab File:
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 91 Resp: 90580

Ion	Ratio	Lower	Upper
91	100		
106	40.4	22.2	66.6

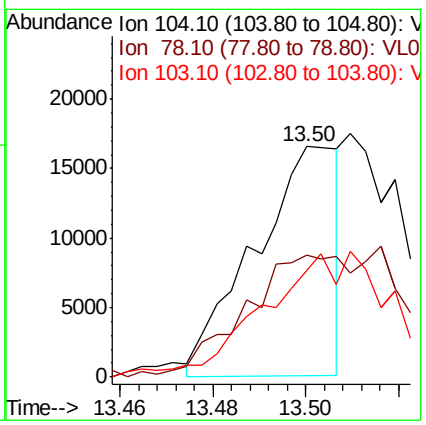


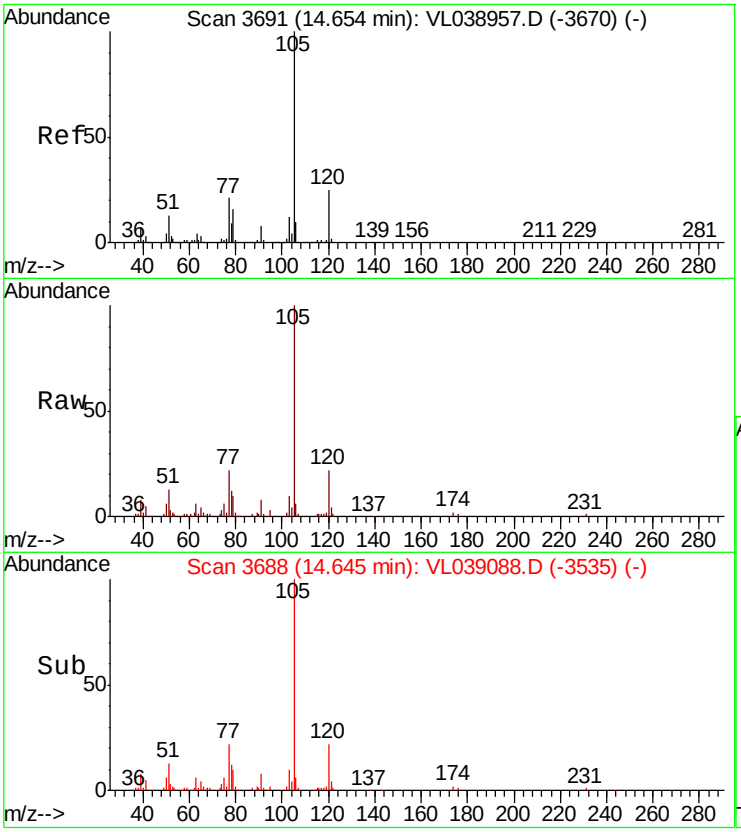


#61
Styrene
Concen: 0.156 ppbv
RT: 13.50 min Scan# 3332
Delta R.T. -0.02 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion:104 Resp: 20653

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



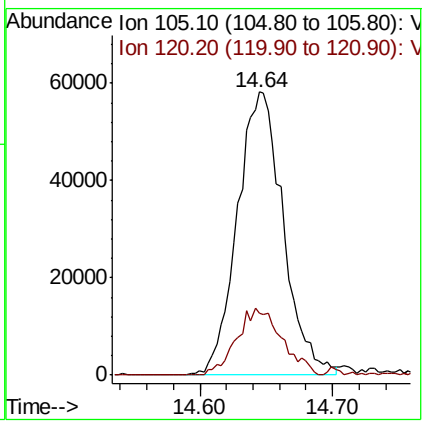


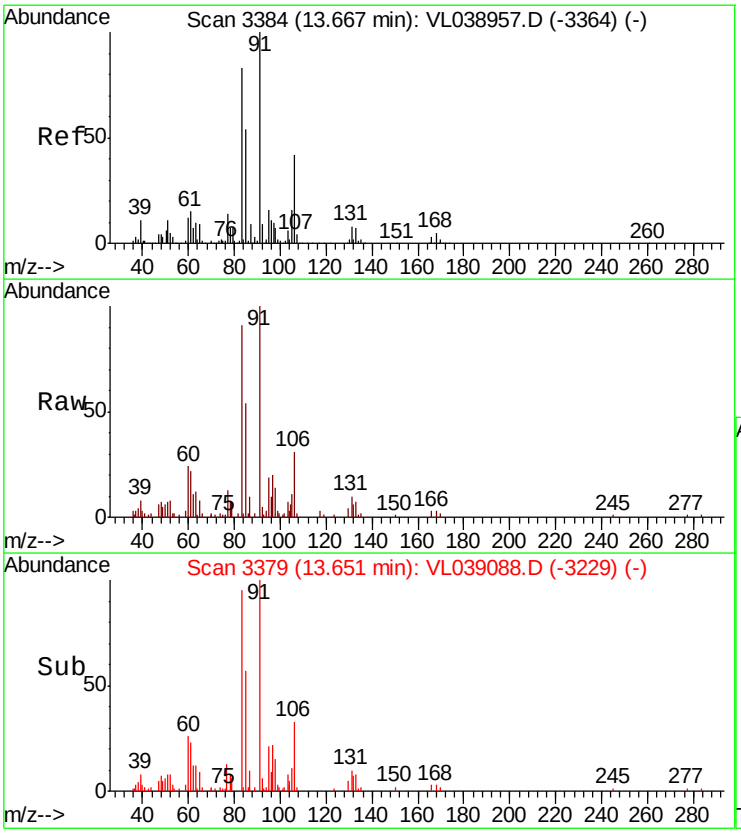
#62
Isopropylbenzene
Concen: 0.385 ppbv
RT: 14.64
Delta R.T
Lab File:
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion:105 Resp: 139743

Ion	Ratio	Lower	Upper
105	100		
120	24.1	20.5	30.7

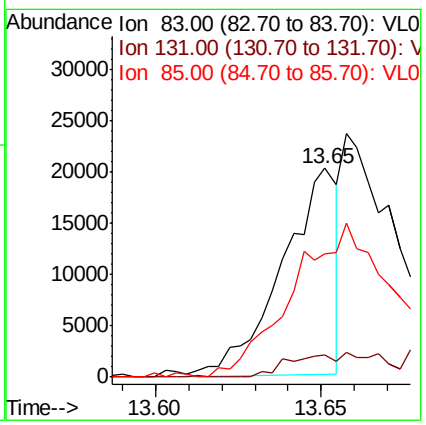


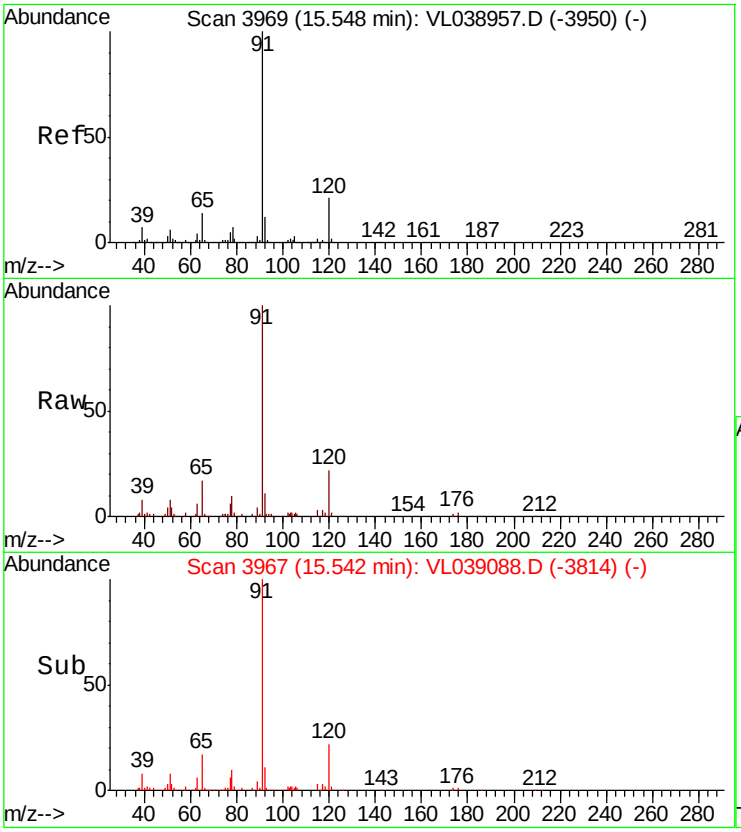


#63
1,1,2,2-Tetrachloroethane
Concen: 0.161 ppbv
RT: 13.65 min Scan# 3379
Delta R.T. -0.02 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion: 83 Resp: 23479

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



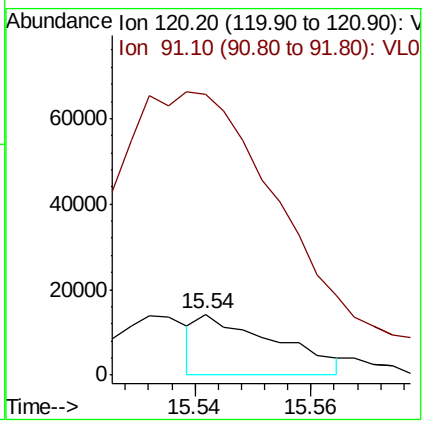


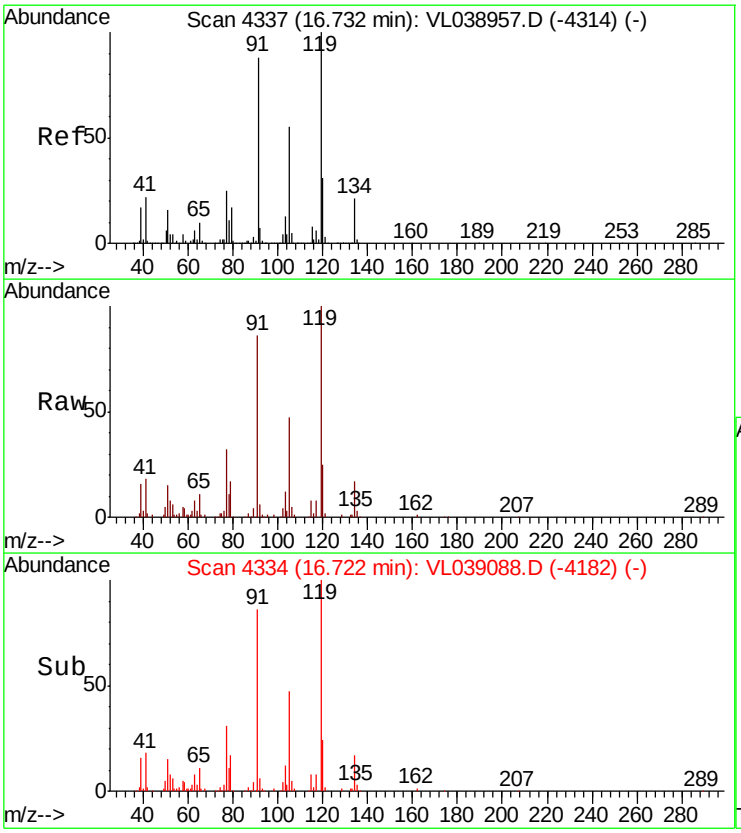
#64
n-propylbenzene
Concen: 0.151 ppbv
RT: 15.54
Delta R.T
Lab File:
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion:120 Resp: 13251

Ion	Ratio	Lower	Upper
120	100		
91	1288.0	400.6	601.0#

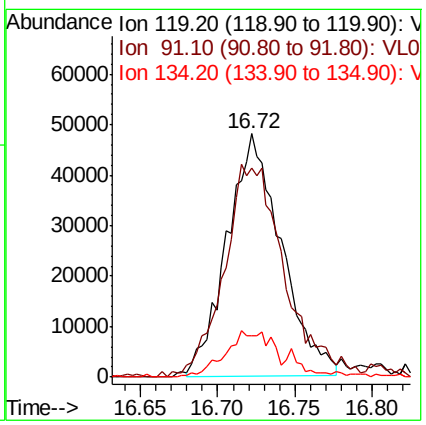


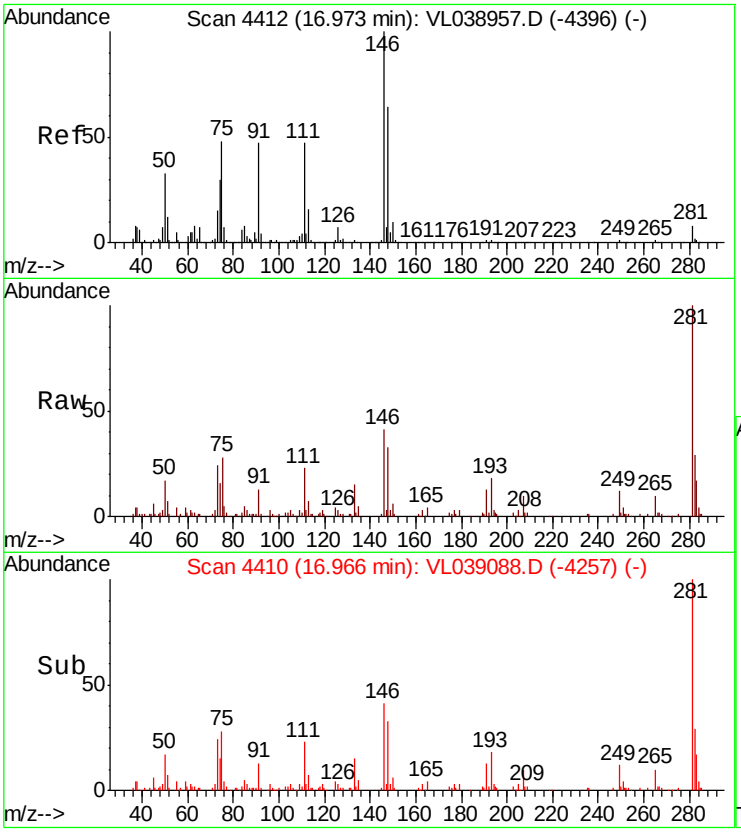


#65
tert-Butylbenzene
Concen: 0.367 ppbv
RT: 16.72 min Scan# 4334
Delta R.T. -0.01 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion:119 Resp: 116779

Ion	Ratio	Lower	Upper
119	100		
91	96.5	69.4	104.2
134	19.8	15.8	23.8



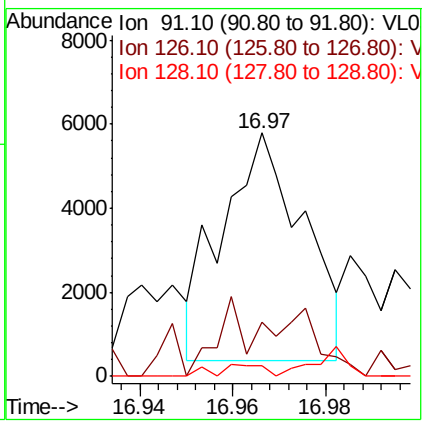


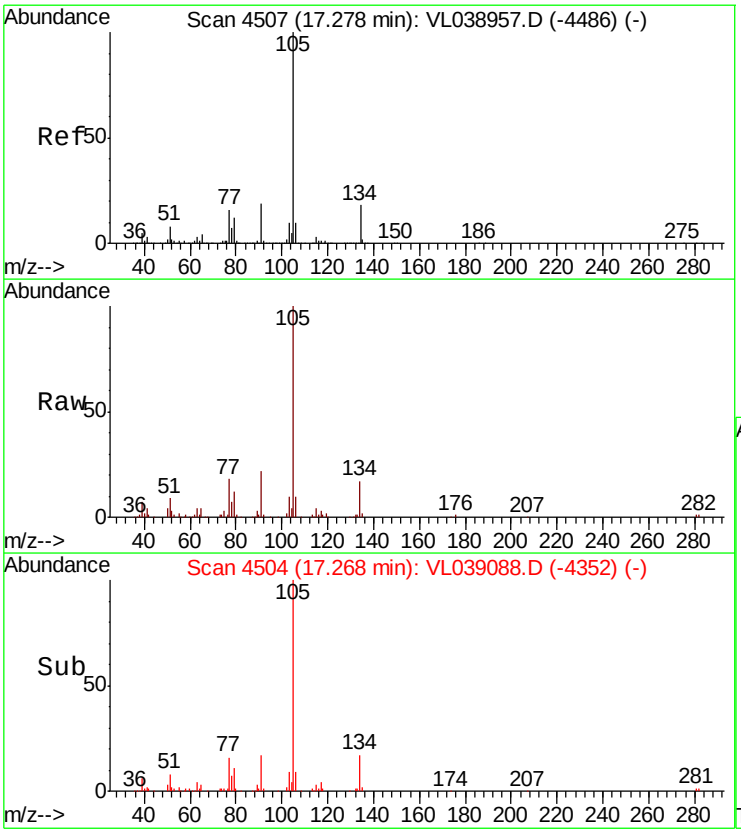
#66
Benzyl Chloride
Concen: 0.159 ppbv
RT: 16.97
Delta R.T
Lab File:
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 91 Resp: 6620

Ion	Ratio	Lower	Upper
91	100		
126	53.5	11.8	17.6#
128	0.0	4.2	6.2#

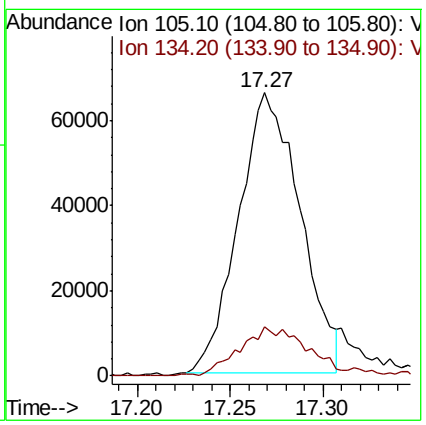


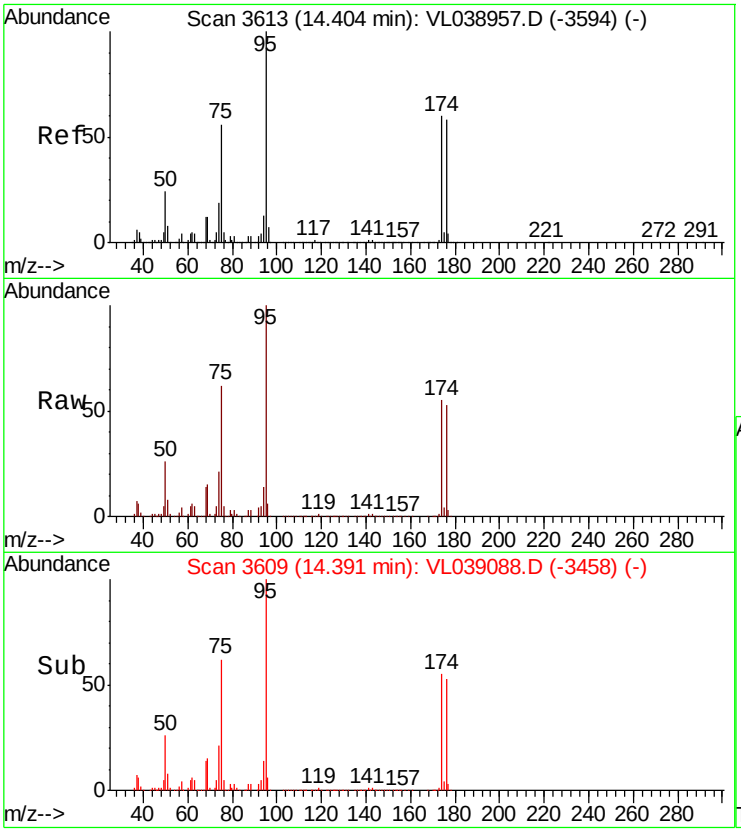


#67
sec-Butylbenzene
Concen: 0.336 ppbv
RT: 17.27 min Scan# 4504
Delta R.T. -0.01 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion:105 Resp: 152776

Ion	Ratio	Lower	Upper
105	100		
134	20.3	14.2	21.4



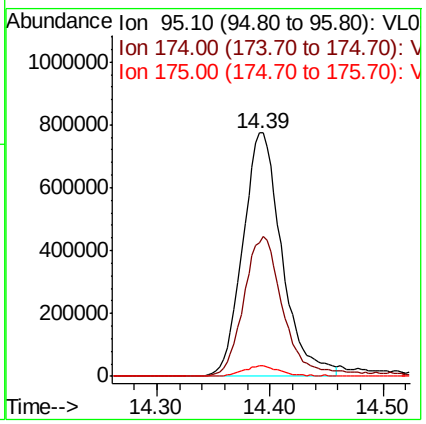


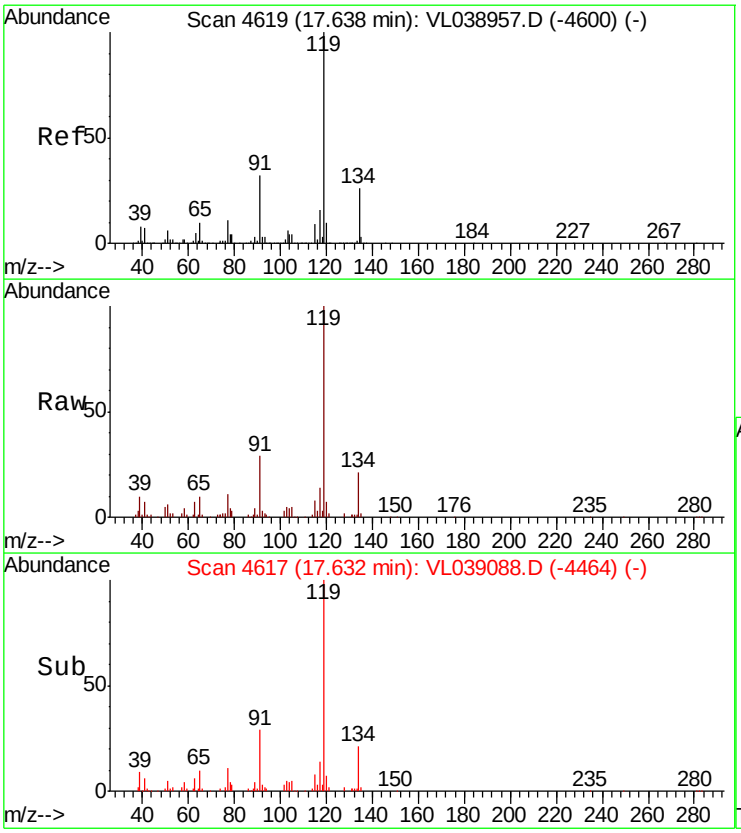
#68
1-Bromo-4-Fluorobenzene
Concen: 10.947 ppbv
RT: 14.39
Delta R.T
Lab File:
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 95 Resp: 1860323

Ion	Ratio	Lower	Upper
95	100		
174	60.8	50.8	76.2
175	4.1	3.8	5.6

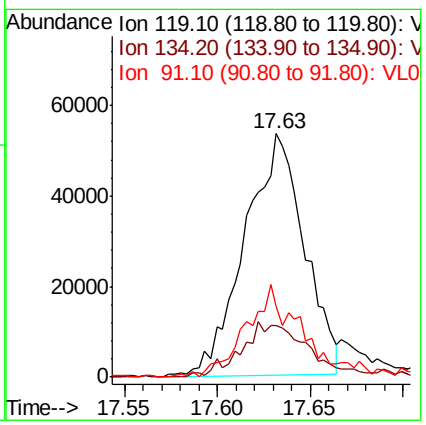


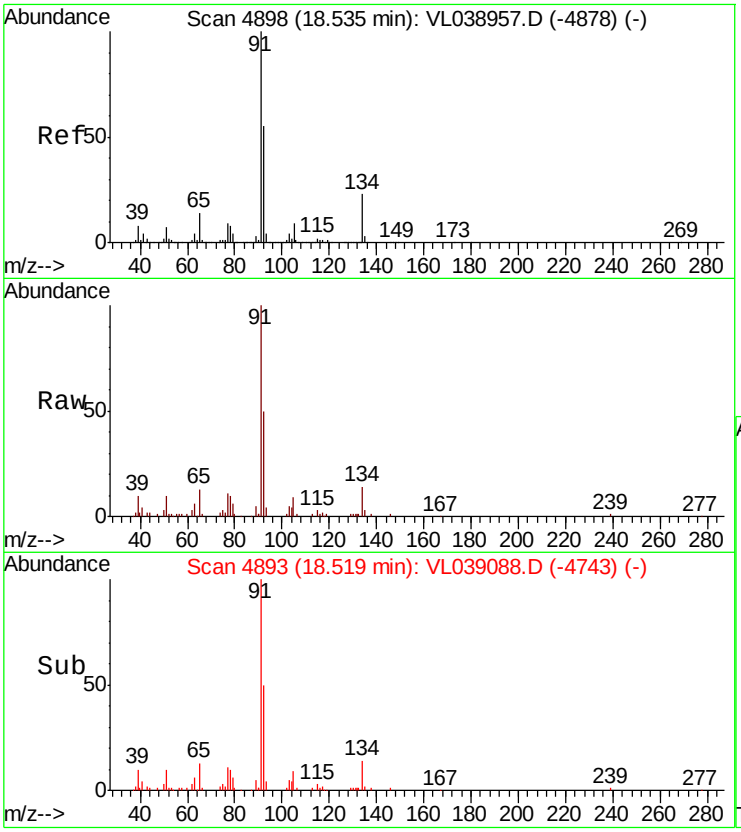


#69
p-Isopropyltoluene
Concen: 0.324 ppbv
RT: 17.63 min Scan# 4617
Delta R.T. -0.01 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion:119 Resp: 118791

Ion	Ratio	Lower	Upper
119	100		
134	26.3	20.0	30.0
91	38.9	24.8	37.2#



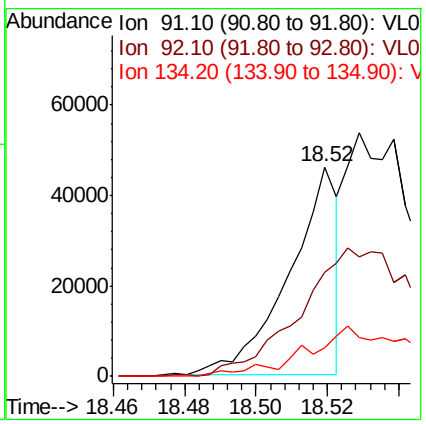


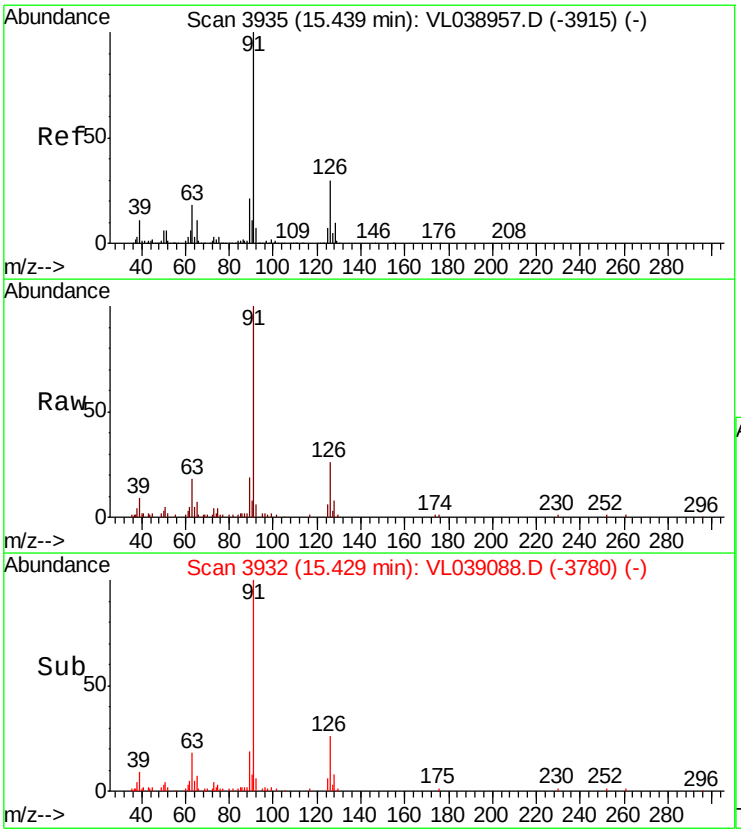
#70
n-Butylbenzene
Concen: 0.112 ppbv
RT: 18.52
Delta R.T
Lab File:
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 91 Resp: 43637

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

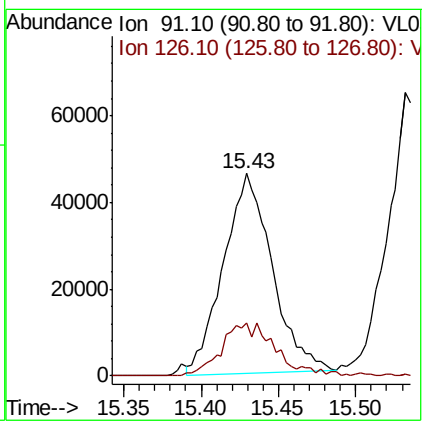


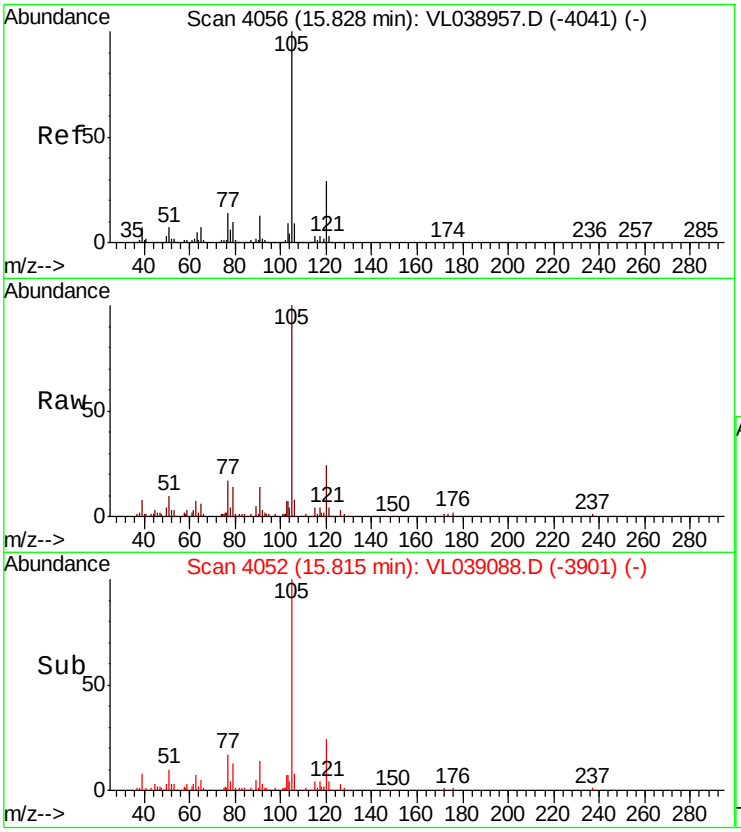


#71
2-Chlorotoluene
Concen: 0.360 ppbv
RT: 15.43 min Scan# 3932
Delta R.T. -0.01 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion: 91 Resp: 100690

Ion	Ratio	Lower	Upper
91	100		
126	30.0	11.9	47.5



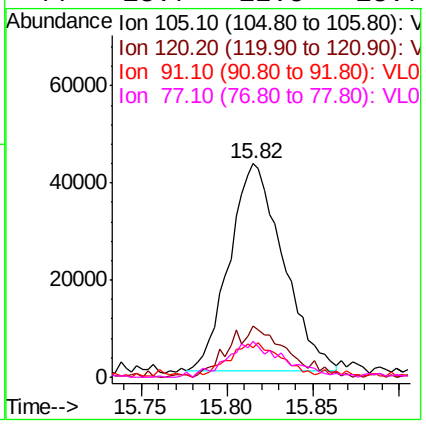


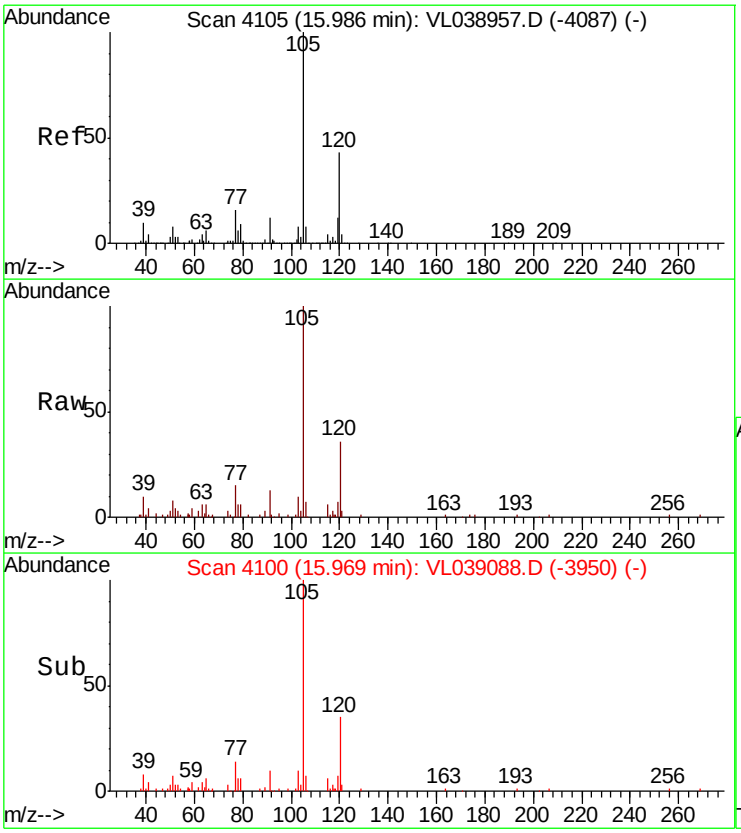
#72
4-Ethyltoluene
Concen: 0.326 ppbv
RT: 15.82
Delta R.T
Lab File:
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion:105 Resp: 92191

Ion	Ratio	Lower	Upper
105	100		
120	27.5	23.4	35.0
91	18.3	10.6	16.0#
77	18.7	12.5	18.7

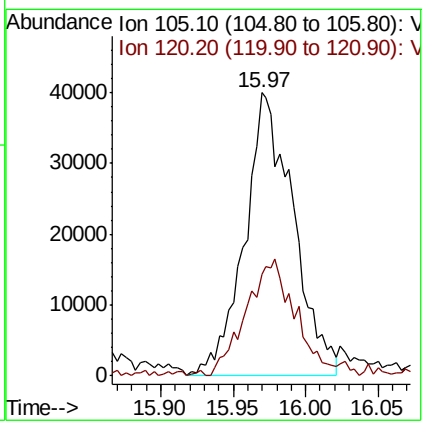


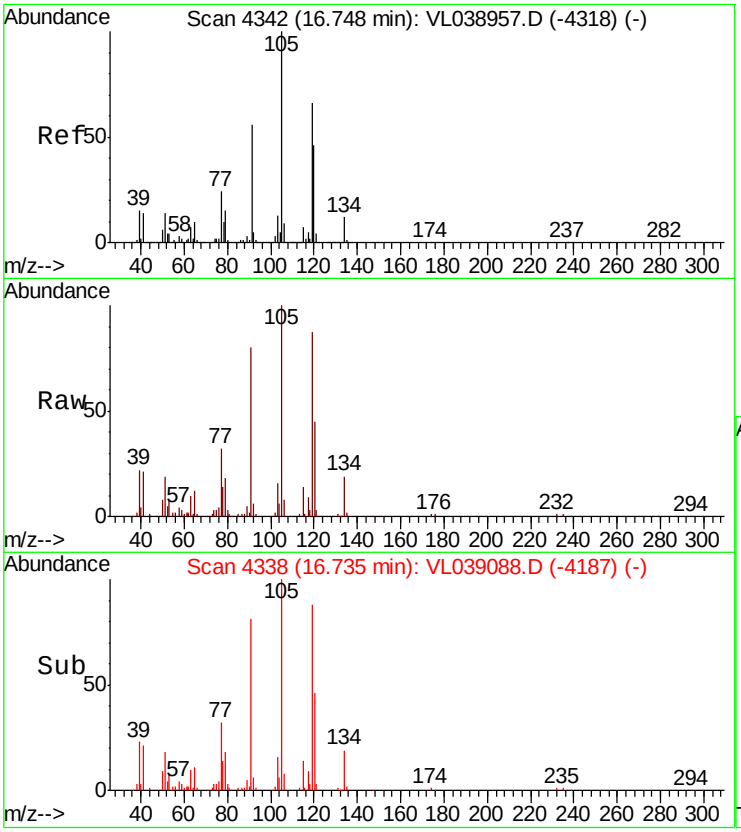


#73
1,3,5-Trimethylbenzene
Concen: 0.367 ppbv
RT: 15.97 min Scan# 4100
Delta R.T. -0.02 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion:105 Resp: 93319

Ion	Ratio	Lower	Upper
105	100		
120	35.7	34.4	51.6



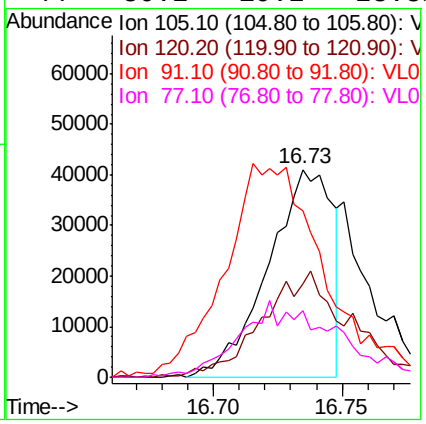


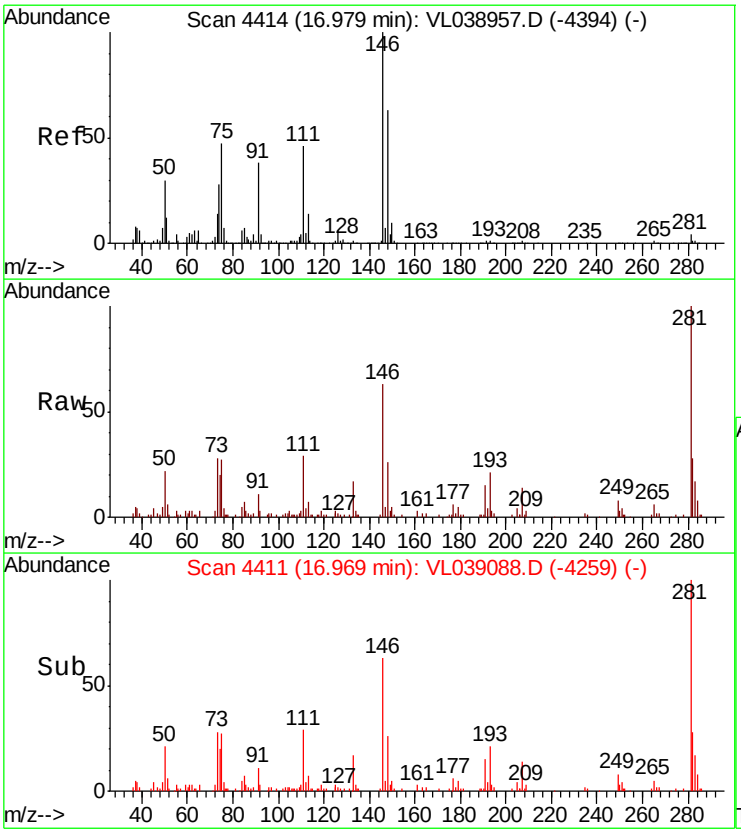
#74
1,2,4-Trimethylbenzene
Concen: 0.256 ppbv
RT: 16.73
Delta R.T
Lab File:
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion:105 Resp: 71431

Ion	Ratio	Lower	Upper
105	100		
120	43.4	36.9	55.3
91	60.1	45.0	67.4
77	30.2	19.2	28.8#

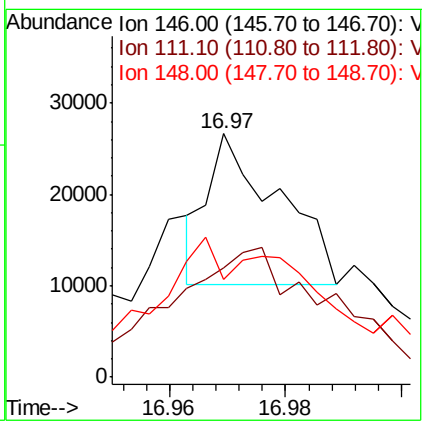


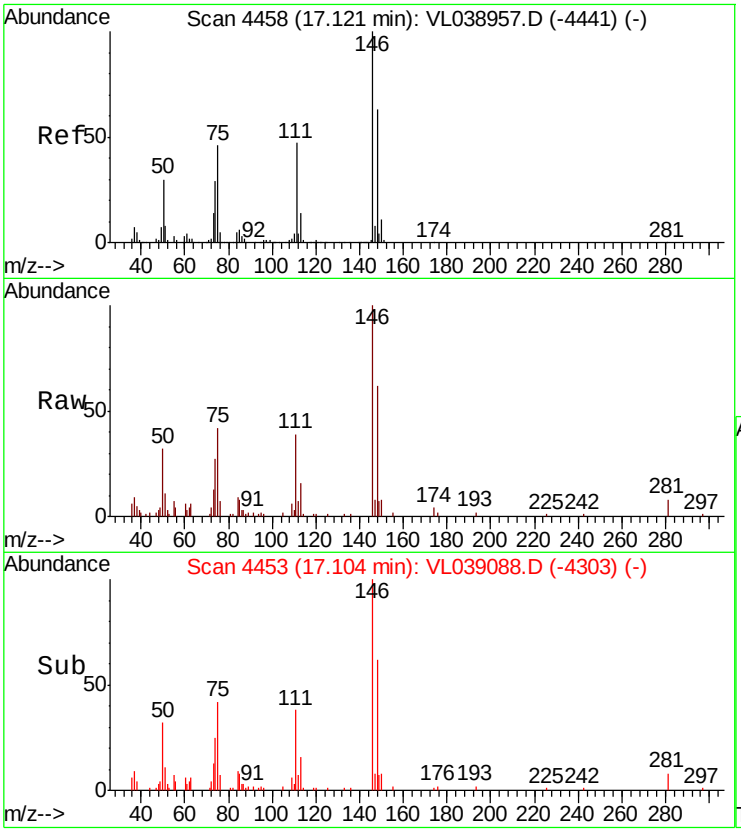


#75
1,3-Dichlorobenzene
Concen: 0.091 ppbv
RT: 16.97 min Scan# 4411
Delta R.T. -0.01 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion:146 Resp: 13868

Ion	Ratio	Lower	Upper
146	100		
111	241.6	24.1	72.2#
148	278.1	32.4	97.2#



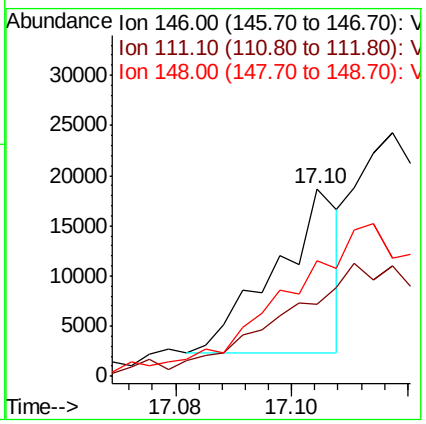


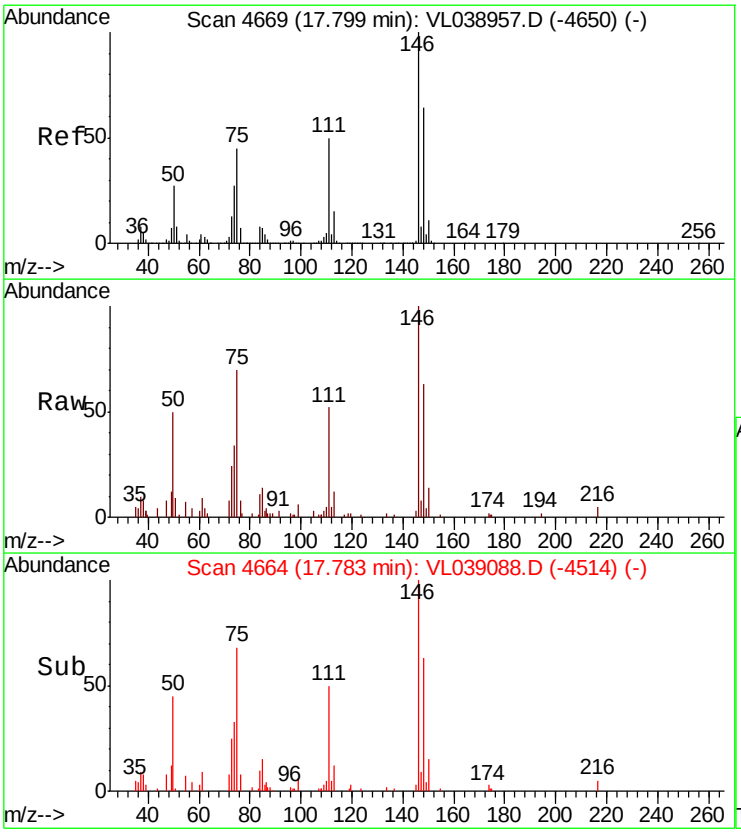
#76
1,4-Dichlorobenzene
Concen: 0.083 ppbv
RT: 17.10
Delta R.T
Lab File:
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion:146 Resp: 12435

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

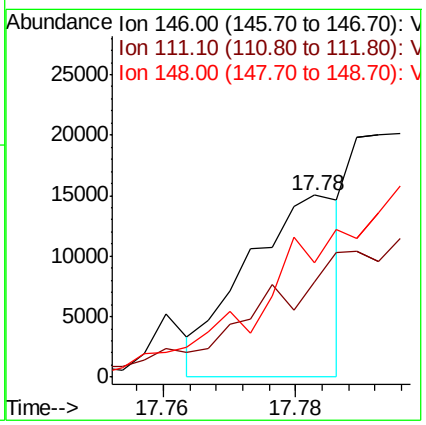


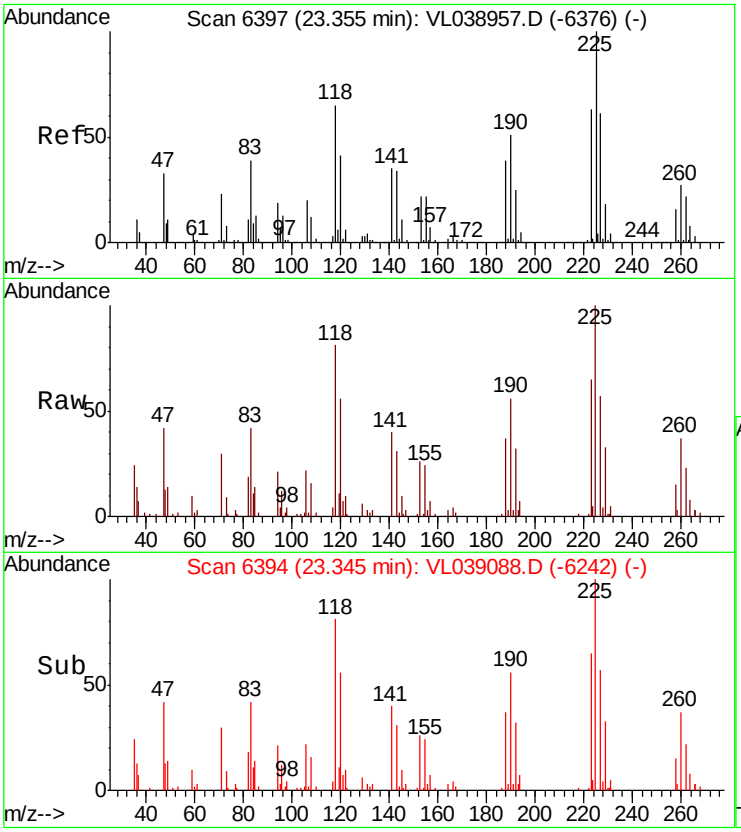


#77
1,2-Dichlorobenzene
Concen: 0.098 ppbv
RT: 17.78 min Scan# 4664
Delta R.T. -0.02 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion:146 Resp: 14843

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



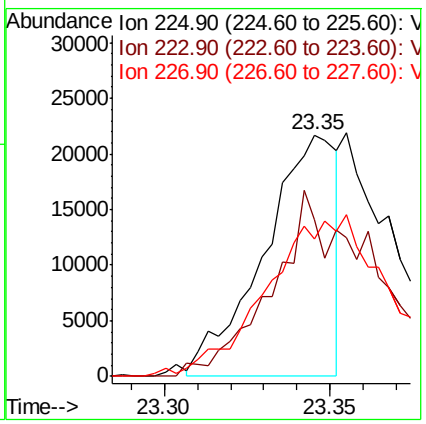


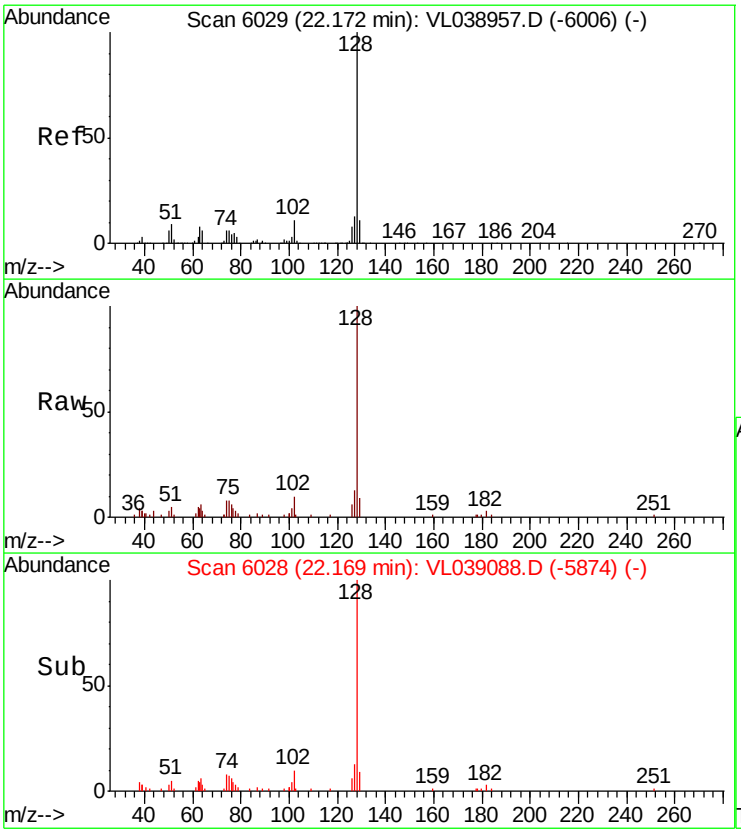
#78
Hexachloro-1,3-Butadiene
Concen: 0.238 ppbv
RT: 23.35
Delta R.T
Lab File:
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion:225 Resp: 32994

Ion	Ratio	Lower	Upper
225	100		
223	113.8	51.4	77.0#
227	0.0	51.4	77.0#

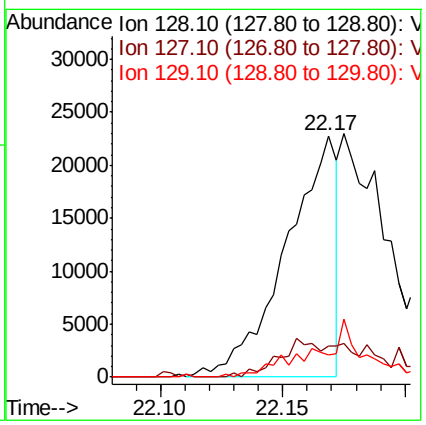


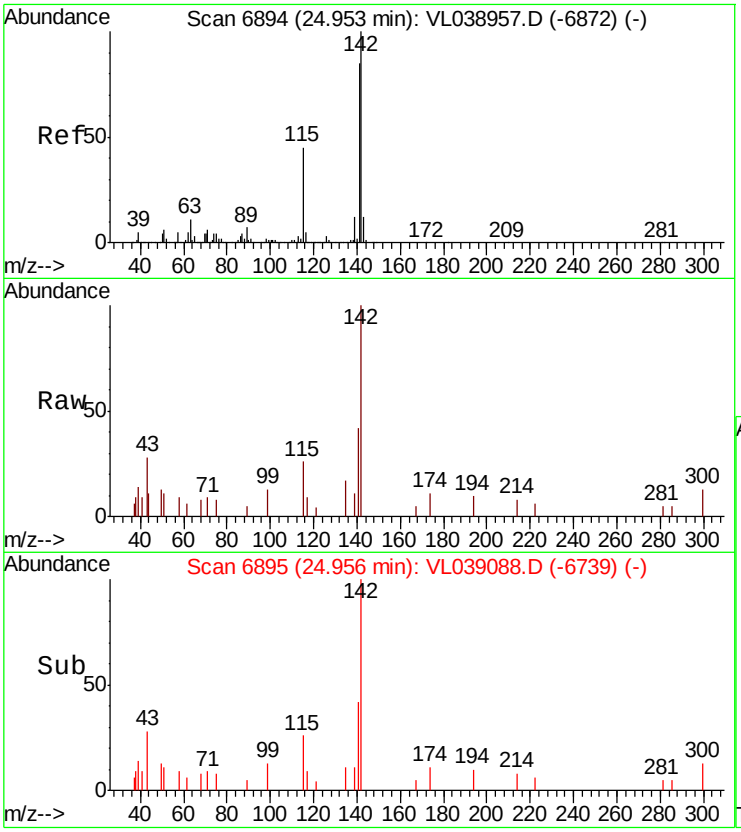


#79
Naphthalene
Concen: 0.145 ppbv
RT: 22.17 min Scan# 6028
Delta R.T. -0.00 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion:128 Resp: 32858

Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.2	15.2
129	7.9	8.9	13.3#



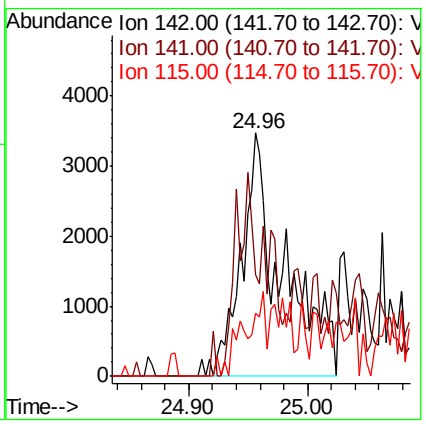


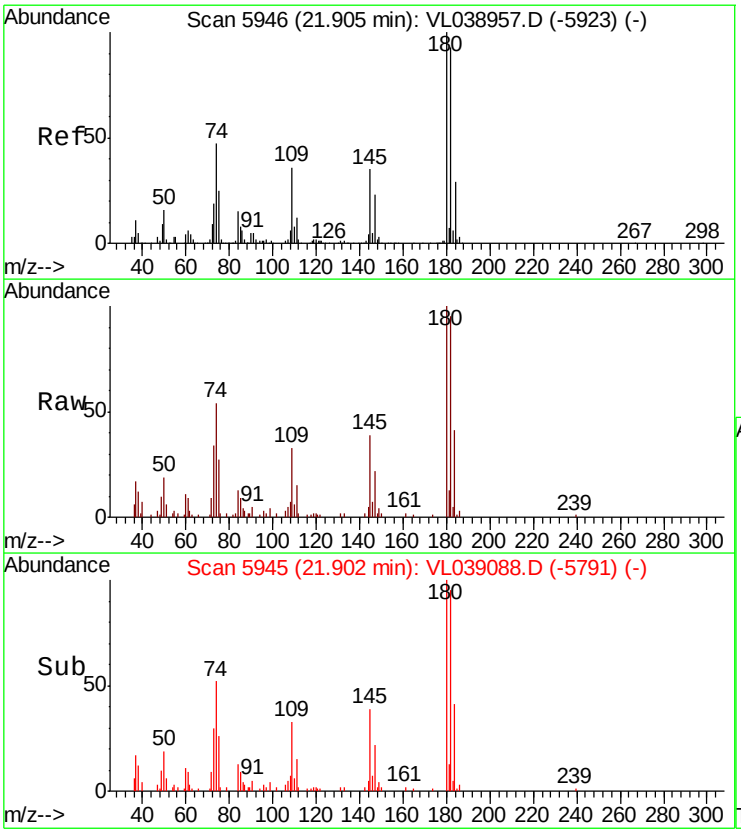
#80
Naphthalene,2-methyl-
Concen: 0.122 ppbv
RT: 24.96
Delta R.T
Lab File:
Acq: 23 May 2022 17:02

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion:142 Resp: 8350

Ion	Ratio	Lower	Upper
142	100		
141	64.1	70.8	106.2#
115	17.5	35.1	52.7#





#81
1,2,4-Trichlorobenzene
Concen: 0.301 ppbv
RT: 21.90 min Scan# 5945
Delta R.T. -0.00 min
Lab File: VL039088.D
Acq: 23 May 2022 17:02

Tgt Ion:180 Resp: 39955

Ion	Ratio	Lower	Upper
180	100		
182	102.9	78.4	117.6
184	37.6	24.4	36.6#