Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052522\
Data File : VL039115.D
Acq On : 25 May 2022 12:57
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: May 26 07:56:33 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	5.64	49	1169238	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.14	114	2826970	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.05	117	2614217	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.37	95	2066344	9.98	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.04	85	1180566	6.444	ppbv	99
3) Chlorodifluoromethane	2.98	51	1457430	10.045	ppbv	100
4) Chloromethane	3.12	50	673826	9.274	ppbv	97
5) Vinyl Chloride	3.24	62	702906	10.594	ppbv	97
6) Bromomethane	3.46	94	321204	10.248	ppbv	89
7) Chloroethane	3.54	64	240426	10.826	ppbv	95
8) Dichlorotetrafluoroethane	3.17	85	1648790	9.930	ppbv	100
9) Propene	3.00	41	620277	9.790	ppbv	95
10) Heptane	8.09	43	1534828	9.874	ppbv	99
11) Trichlorofluoromethane	3.93	101	1642105	10.447	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.47	101	1176270	10.863	ppbv	98
13) Ethanol	3.59	45	22140	4.938	ppbv #	1
14) Bromoethene	3.72	108	491046	10.998	ppbv	99
15) Acetone	3.83	43	1146320	10.393	ppbv	98
16) 1,3-Butadiene	3.31	39	651194	10.276	ppbv	100
17) tert-Butyl alcohol	4.26	59	1022259	12.059	ppbv	98
18) 1,1-Dichloroethene	4.27	96	516813	11.090	ppbv	97
19) Isopropyl Alcohol	3.94	45	624406	11.907	ppbv #	99
20) Methylene Chloride	4.32	84	448208	10.782	ppbv	94
21) Allyl Chloride	4.39	41	781782	10.402	ppbv	99
22) trans-1,2-Dichloroethene	4.86	96	535521	10.639	ppbv	96
23) Vinyl Acetate	5.05	43	817009	9.362	ppbv #	97
24) 1,1-Dichloroethane	4.99	63	1047693	10.426	ppbv	100
25) Ethyl Acetate	5.65	43	3004405	11.381	ppbv	99
26) Hexane	5.66	57	1226296	10.455	ppbv	96
27) Carbon Disulfide	4.53	76	1252124	11.238	ppbv	100
28) Methyl tert-Butyl Ether	5.01	73	996100	11.162	ppbv	99
29) Chloroform	5.72	83	1932823	10.185	ppbv	100
30) Cyclohexane	7.10	84	951494	9.689	ppbv	97
31) cis-1,2-Dichloroethene	5.52	61	1198862	10.033	ppbv	98
32) 1,1,1-Trichloroethane	6.48	97	1979452	10.432	ppbv	98
34) 2-Butanone	5.21	43	1436952	9.963	ppbv	97
35) Carbon Tetrachloride	6.99	117	2005774	10.768	ppbv	99
36) Benzene	6.86	78	2352746	9.725	ppbv	99
37) 1,2-Dichloroethane	6.28	62	1526338	10.197	ppbv	99
38) Trichloroethene	7.80	130	918439	8.540	ppbv	98
39) 1,2-Dichloropropane	7.58	63	938500	9.970	ppbv	91
40) 1,4-Dioxane	7.80	88	336198	9.944	ppbv #	1
41) Tetrahydrofuran	6.02	42	956359	9.866	ppbv	100
42) Bromodichloromethane	7.76	83	2114952	10.335	ppbv	96
43) Methyl Methacrylate	7.98	69	1019802	10.383	ppbv	100

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052522\
Data File : VL039115.D
Acq On : 25 May 2022 12:57
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Quant Time: May 26 07:56:33 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 10:12:15 2022
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.83	57	4062683	9.570	ppbv		100
45) t-1,3-Dichloropropene	9.24	75	829846	8.729	ppbv		100
46) cis-1,3-Dichloropropene	8.67	75	1159323	9.195	ppbv		96
47) 1,1,2-Trichloroethane	9.44	97	965394	9.861	ppbv		99
48) Dibromochloromethane	10.27	129	1672929	10.498	ppbv		99
49) Bromoform	13.00	173	1347519	11.088	ppbv		99
50) 4-Methyl-2-Pentanone	8.70	43	2442444	9.658	ppbv		99
51) 2-Hexanone	10.09	43	1840834	9.973	ppbv	#	99
52) Tetrachloroethene	11.19	164	835294	9.662	ppbv		96
53) Toluene	9.77	91	2691112	9.925	ppbv		99
54) 1,2-Dibromoethane	10.57	107	1418102	10.640	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.09	131	1229479	10.719	ppbv		98
57) Chlorobenzene	12.11	112	1934687	9.873	ppbv		100
58) Ethyl Benzene	12.67	91	3661654	9.733	ppbv		99
59) m/p-Xylene	12.96	91	3375417	10.510	ppbv	#	43
60) o-Xylene	13.65	91	2988218	9.885	ppbv		99
61) Styrene	13.49	104	1604340	9.941	ppbv		99
62) Isopropylbenzene	14.63	105	4452122	10.071	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.64	83	2053069	11.534	ppbv		100
64) n-propylbenzene	15.52	120	1127234	10.547	ppbv		99
65) tert-Butylbenzene	16.70	119	3928358	10.142	ppbv		100
66) Benzyl Chloride	16.94	91	269414	5.321	ppbv		100
67) sec-Butylbenzene	17.25	105	5621367	10.159	ppbv		99
69) p-Isopropyltoluene	17.61	119	4628551	10.353	ppbv		100
70) n-Butylbenzene	18.51	91	4931956	10.384	ppbv		100
71) 2-Chlorotoluene	15.41	91	3410533	10.008	ppbv		100
72) 4-Ethyltoluene	15.80	105	3425007	9.943	ppbv		99
73) 1,3,5-Trimethylbenzene	15.95	105	3115252	10.046	ppbv		98
74) 1,2,4-Trimethylbenzene	16.72	105	3417380	10.065	ppbv		98
75) 1,3-Dichlorobenzene	16.95	146	1908238	10.257	ppbv		100
76) 1,4-Dichlorobenzene	17.10	146	1821455	9.952	ppbv		97
77) 1,2-Dichlorobenzene	17.77	146	1850596	10.058	ppbv		99
78) Hexachloro-1,3-Butadiene	23.33	225	1458660	8.626	ppbv		99
79) Naphthalene	22.14	128	2635804	9.556	ppbv		99
80) Naphthalene,2-methyl-	24.93	142	671479	8.048	ppbv		96
81) 1,2,4-Trichlorobenzene	21.87	180	1466263	9.072	ppbv		99

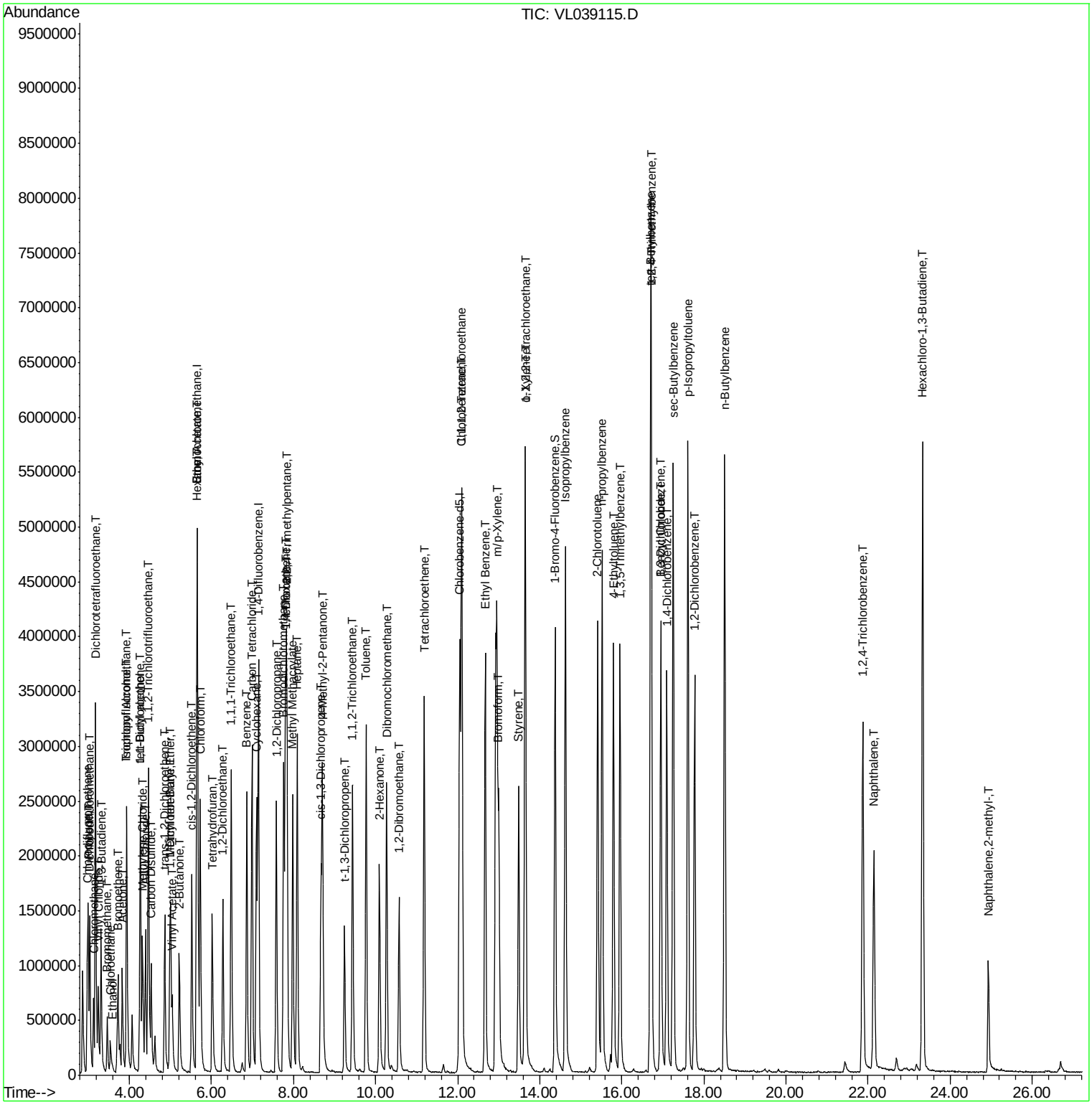
(#) = qualifier out of range (m) = manual integration (+) = signals summed

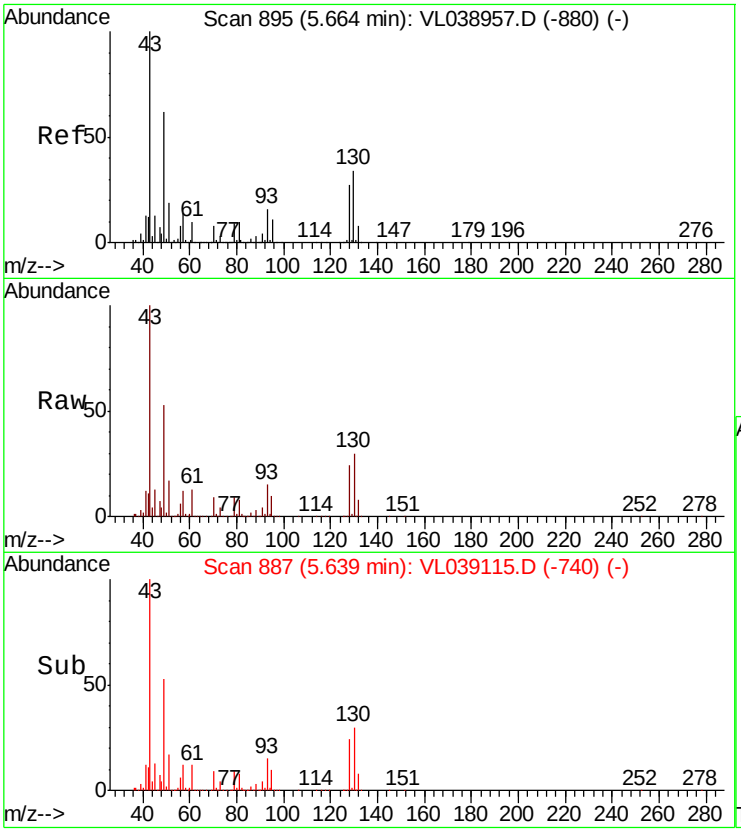
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052522\
Data File : VL039115.D
Acq On : 25 May 2022 12:57
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Quant Time: May 26 07:56:33 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



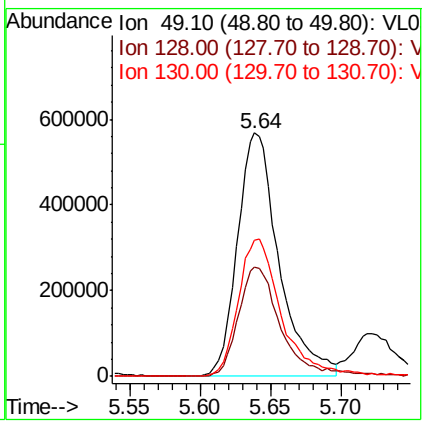


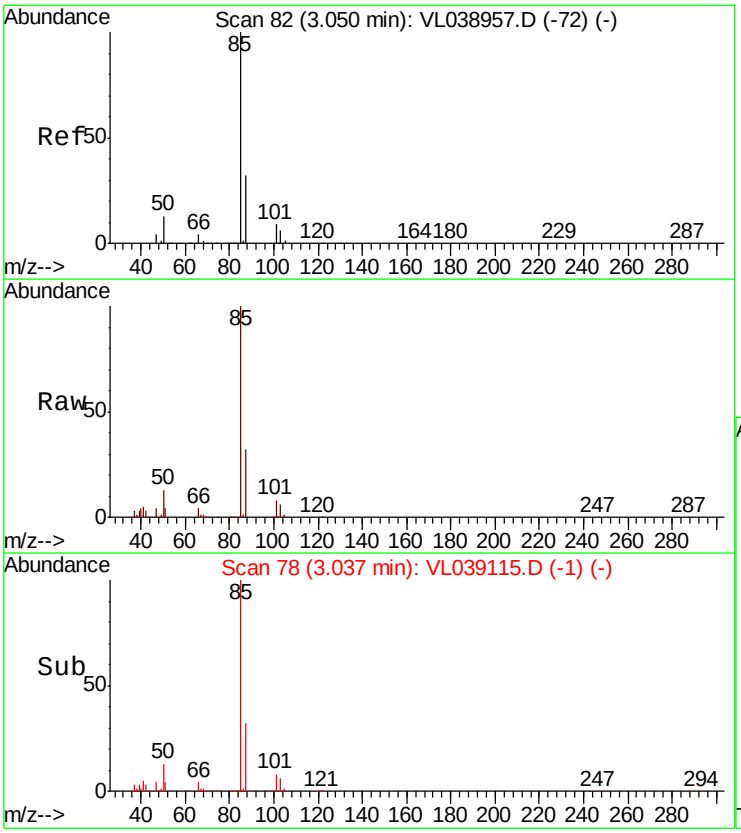
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64
Delta R.T
Lab File:
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 1169238

Ion	Ratio	Lower	Upper
49	100		
128	47.5	23.3	69.8
130	59.8	29.8	89.3

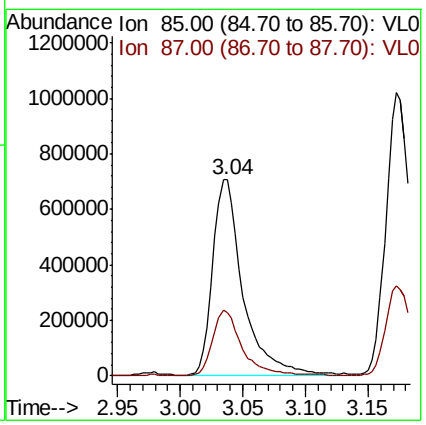


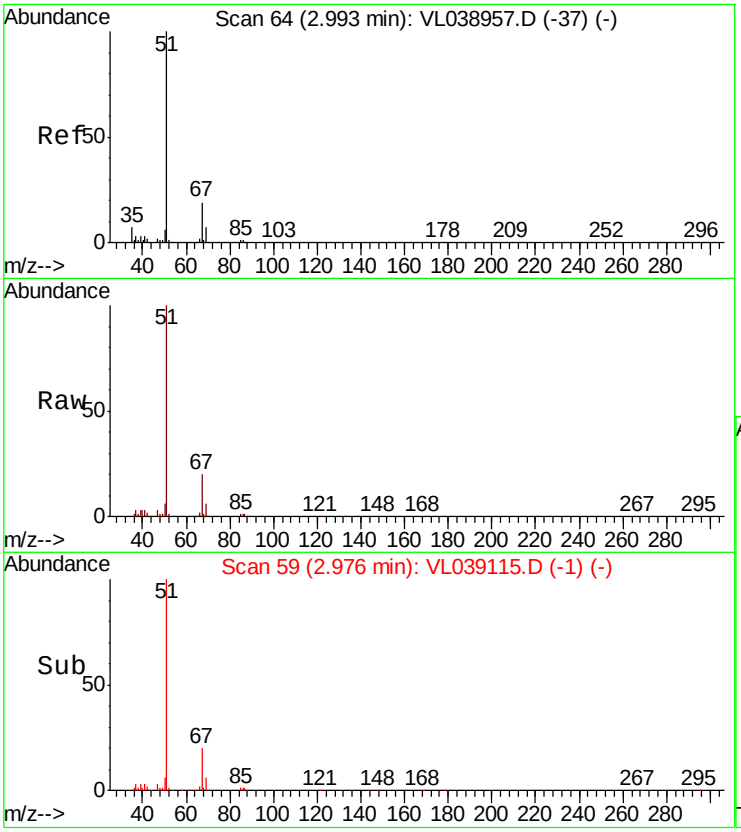


#2
Dichlorodifluoromethane
Concen: 6.444 ppbv
RT: 3.04 min Scan# 78
Delta R.T. -0.01 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion: 85 Resp: 1180566

Ion	Ratio	Lower	Upper
85	100		
87	32.4	25.7	38.5



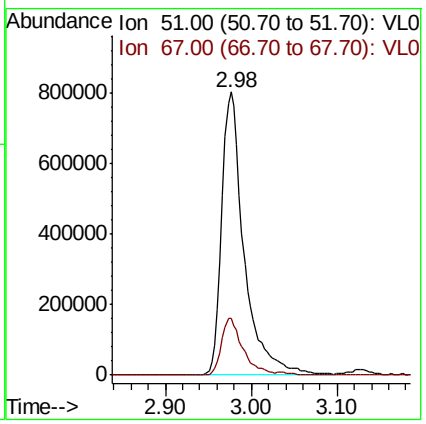


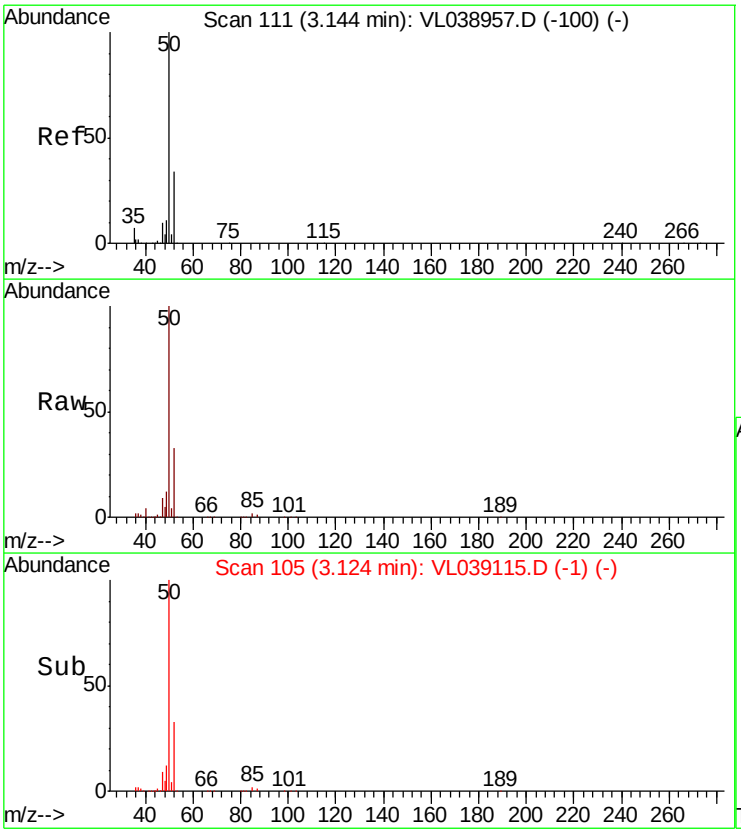
#3
Chlorodifluoromethane
Concen: 10.045 ppbv
RT: 2.98
Delta R.T
Lab File:
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 1457430

Ion	Ratio	Lower	Upper
51	100		
67	20.0	15.8	23.8

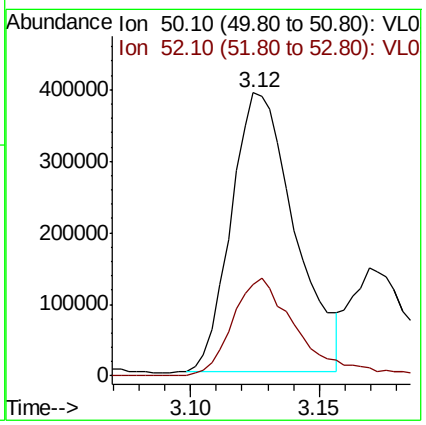


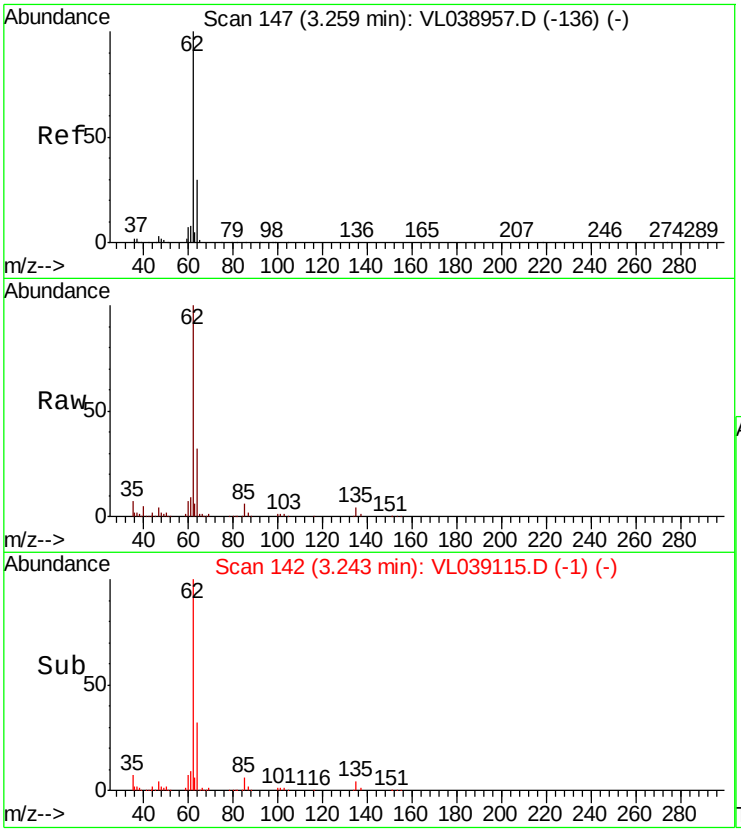


#4
Chloromethane
Concen: 9.274 ppbv
RT: 3.12 min Scan# 105
Delta R.T. -0.02 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion: 50 Resp: 673826

Ion	Ratio	Lower	Upper
50	100		
52	32.6	27.3	40.9



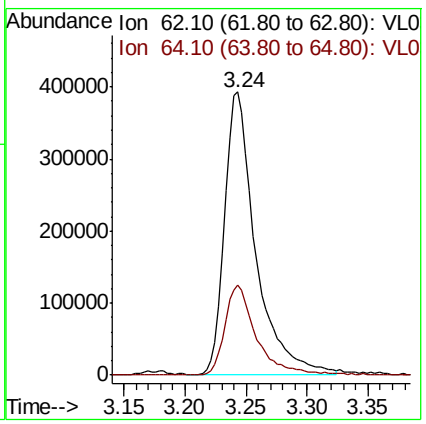


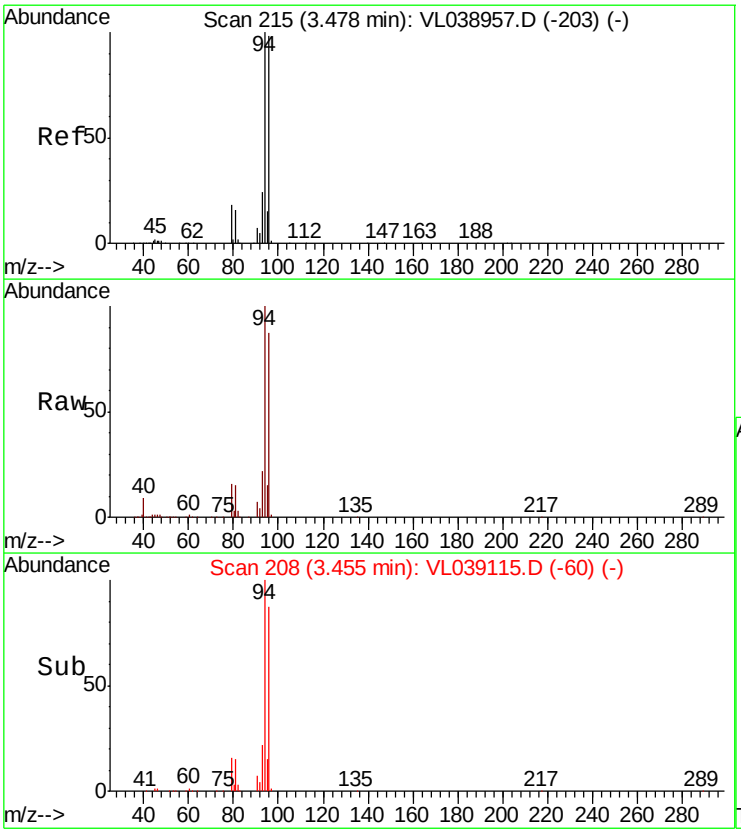
#5
Vinyl Chloride
Concen: 10.594 ppbv
RT: 3.24
Delta R.T
Lab File:
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 702906

Ion	Ratio	Lower	Upper
62	100		
64	31.9	24.2	36.4

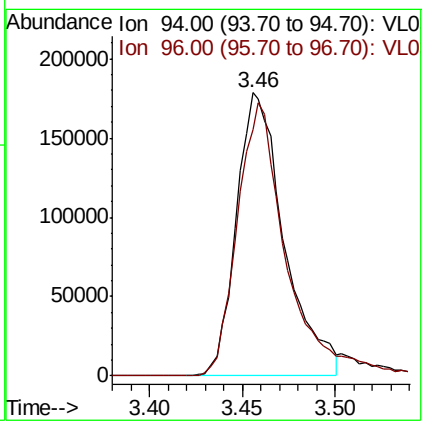


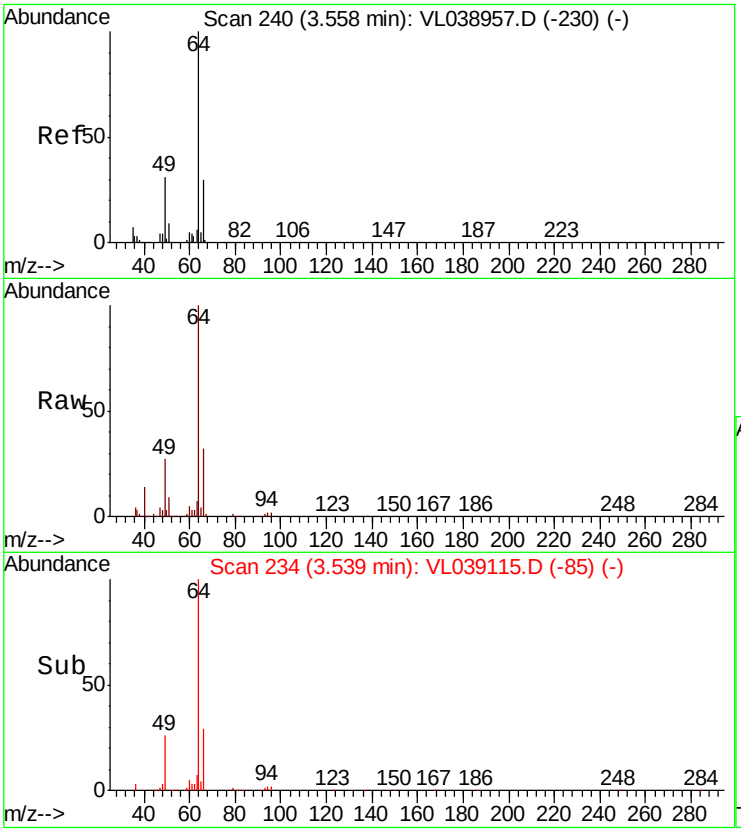


#6
Bromomethane
Concen: 10.248 ppbv
RT: 3.46 min Scan# 208
Delta R.T. -0.02 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion: 94 Resp: 321204

Ion	Ratio	Lower	Upper
94	100		
96	87.1	78.1	117.1



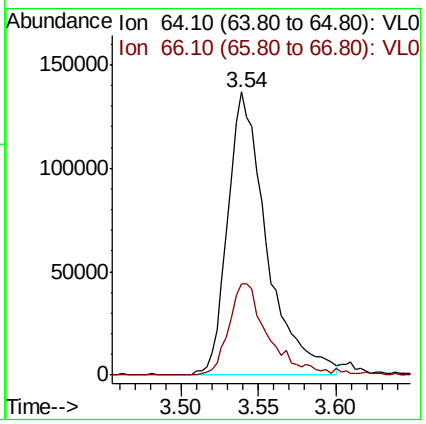


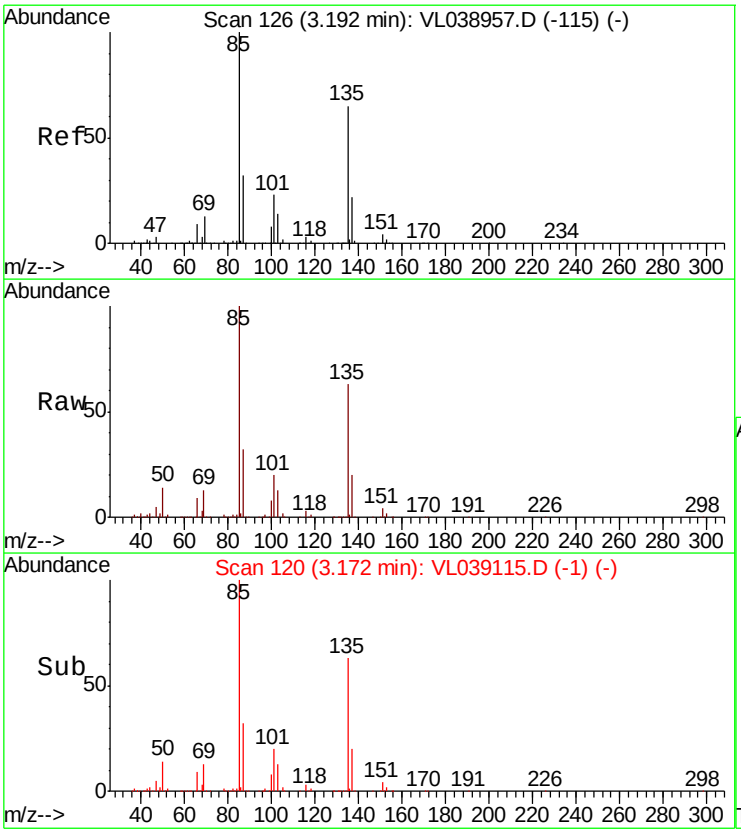
#7
Chloroethane
Concen: 10.826 ppbv
RT: 3.54
Delta R.T
Lab File:
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 240426

Ion	Ratio	Lower	Upper
64	100		
66	32.4	23.8	35.8

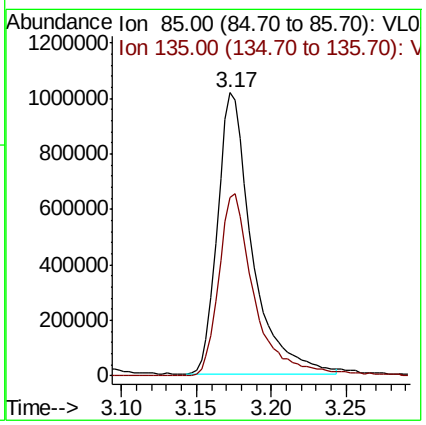


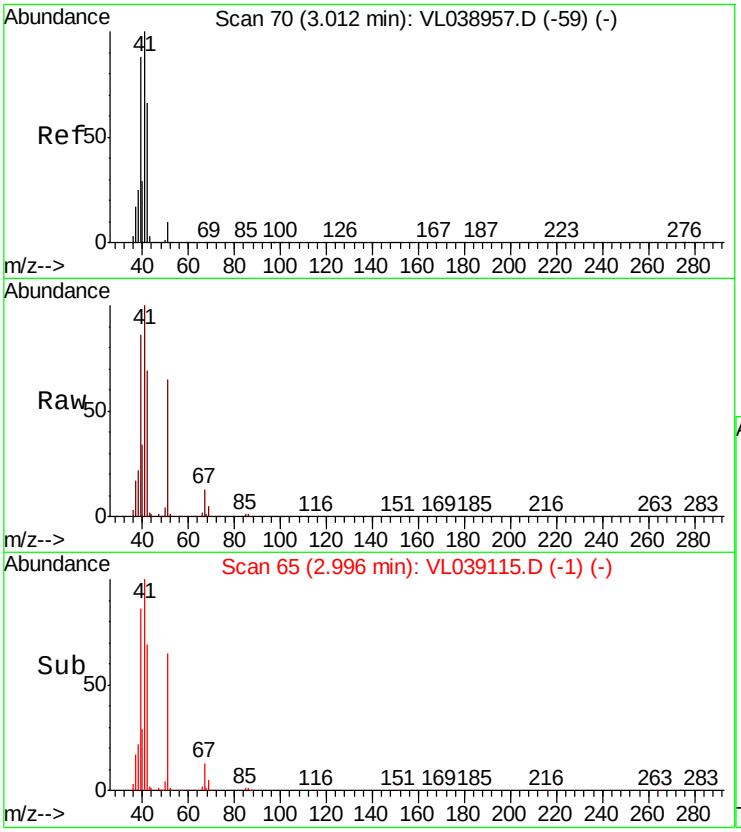


#8
Dichlorotetrafluoroethane
Concen: 9.930 ppbv
RT: 3.17 min Scan# 120
Delta R.T. -0.02 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion: 85 Resp: 1648790

Ion	Ratio	Lower	Upper
85	100		
135	67.3	53.6	80.4



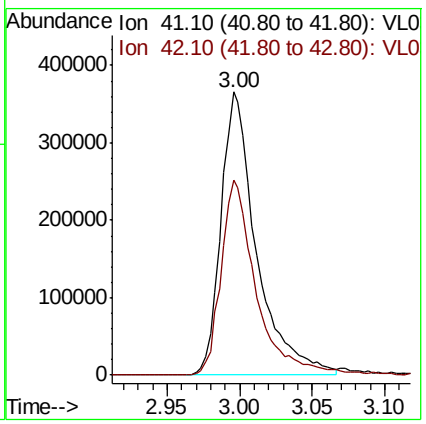


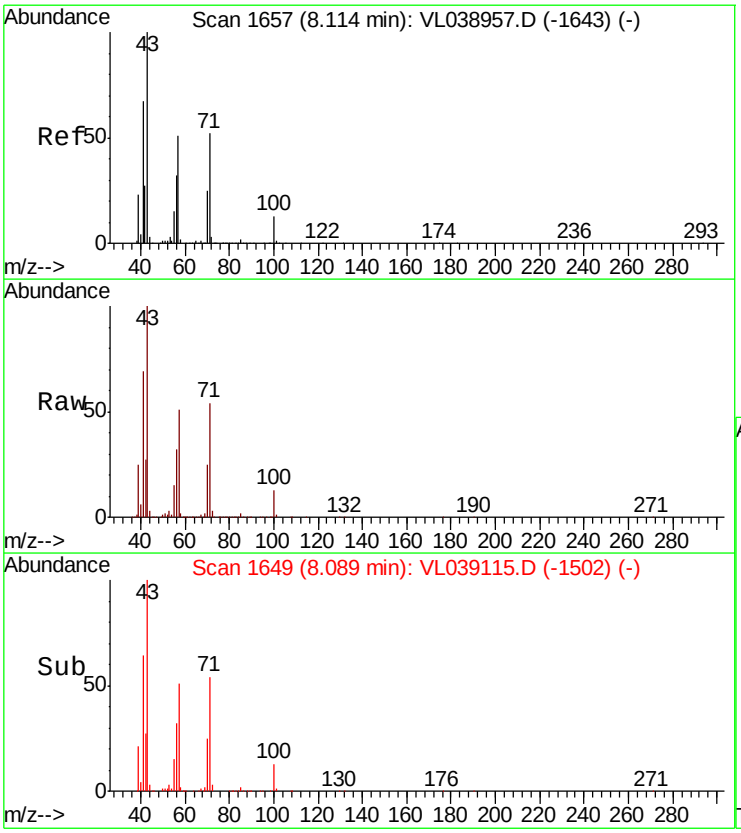
#9
Propene
Concen: 9.790 ppbv
RT: 3.00
Delta R.T
Lab File:
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 620277

Ion	Ratio	Lower	Upper
41	100		
42	69.0	58.3	87.5

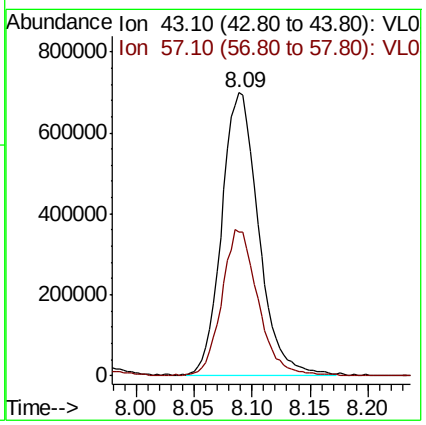


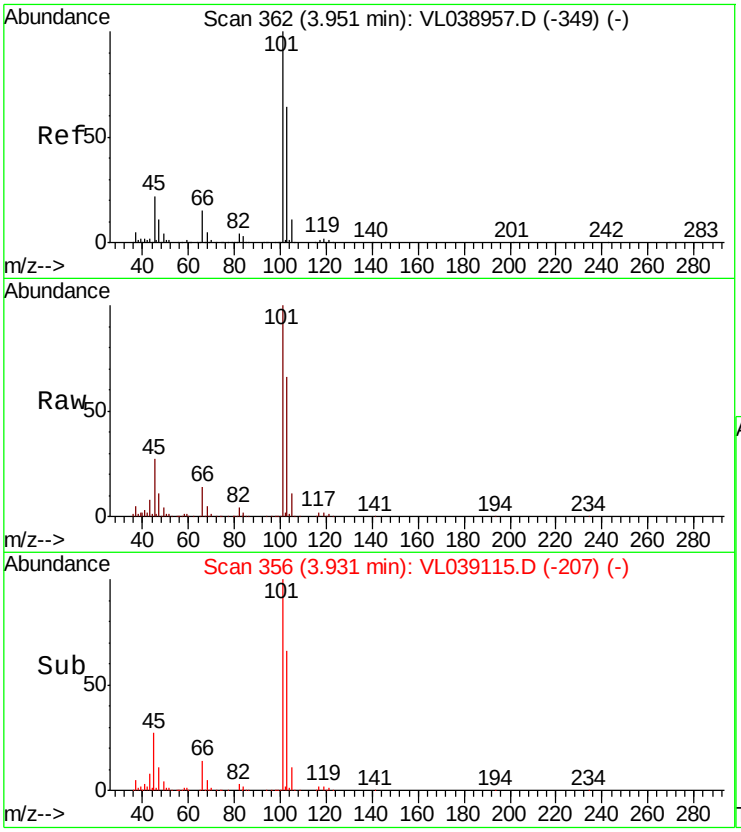


#10
Heptane
Concen: 9.874 ppbv
RT: 8.09 min Scan# 1649
Delta R.T. -0.03 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion: 43 Resp: 1534828

Ion	Ratio	Lower	Upper
43	100		
57	51.3	40.5	60.7



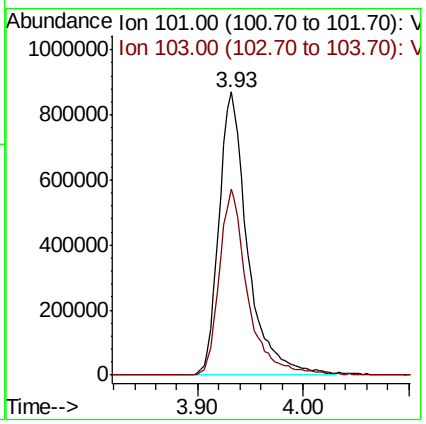


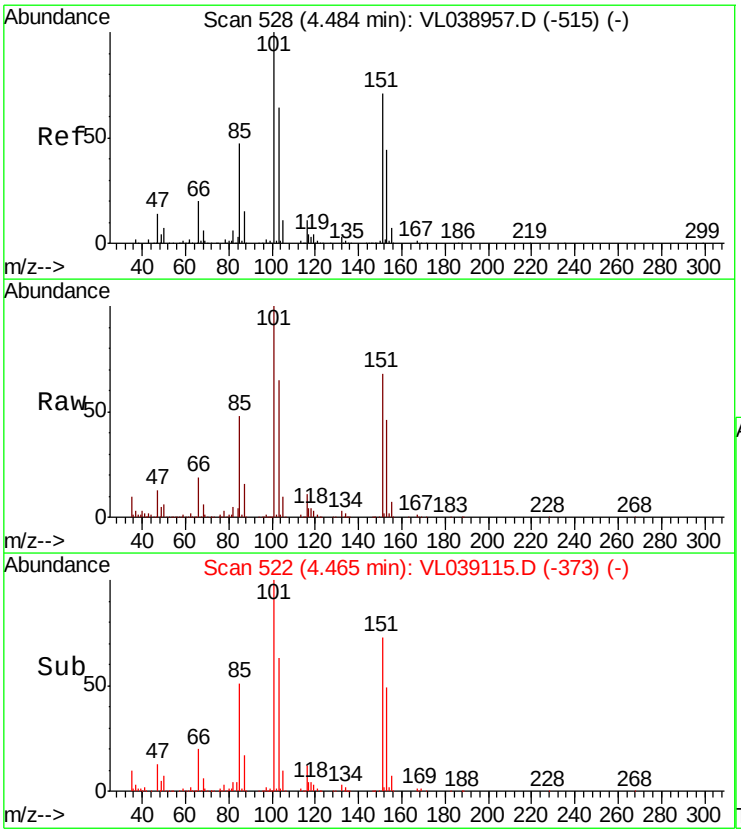
#11
Trichlorofluoromethane
Concen: 10.447 ppbv
RT: 3.93
Delta R.T
Lab File:
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 1642105

Ion	Ratio	Lower	Upper
101	100		
103	65.6	51.5	77.3

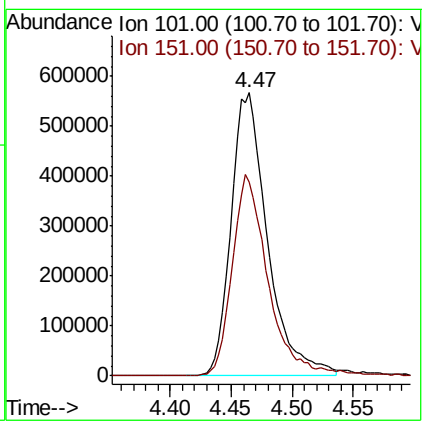


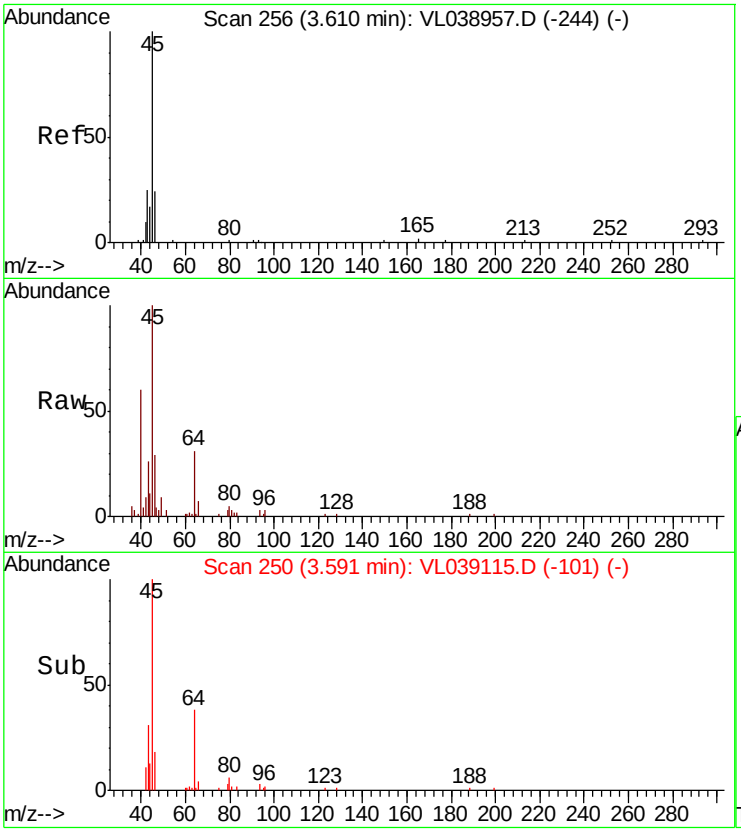


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.863 ppbv
RT: 4.47 min Scan# 522
Delta R.T. -0.02 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion:101 Resp: 1176270

Ion	Ratio	Lower	Upper
101	100		
151	70.5	55.4	83.0



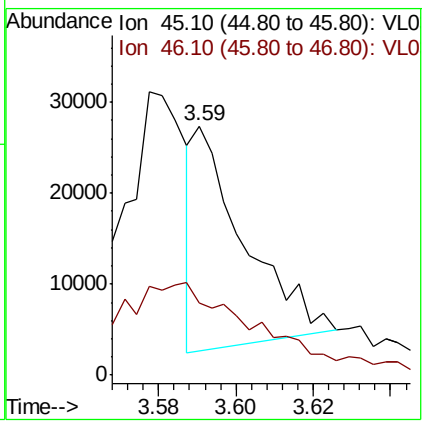


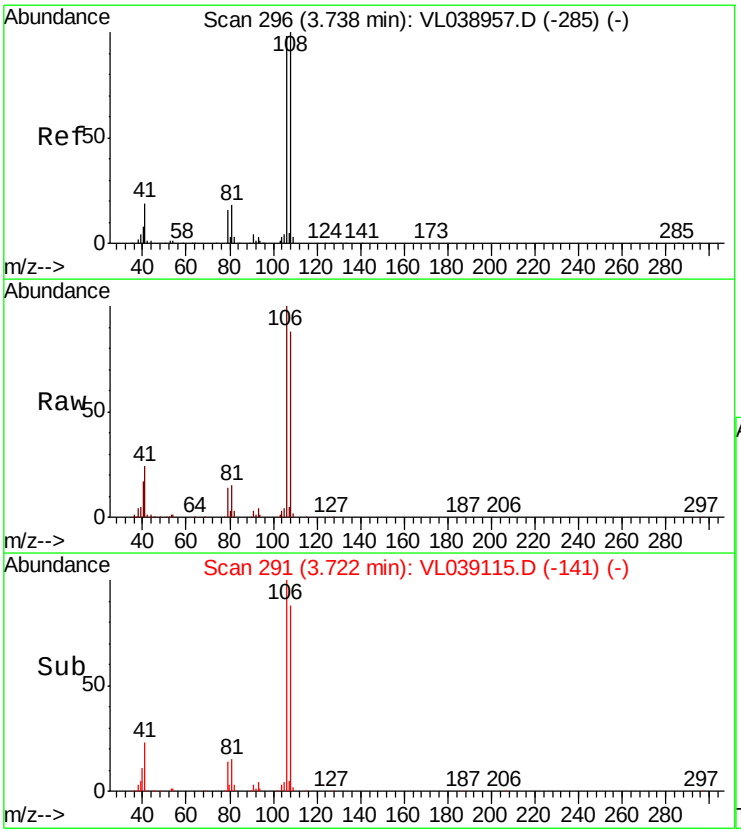
#13
Ethanol
Concen: 4.938 ppbv
RT: 3.59
Delta R.T
Lab File:
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 22140

Ion	Ratio	Lower	Upper
45	100		
46	116.0	18.0	72.2#

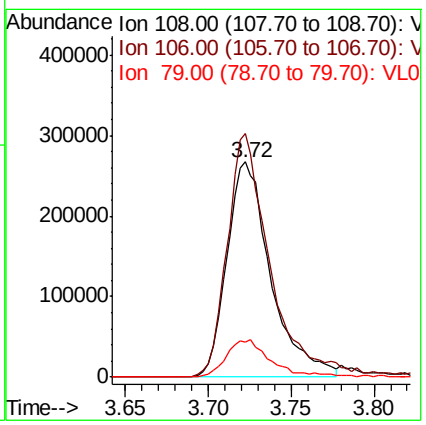


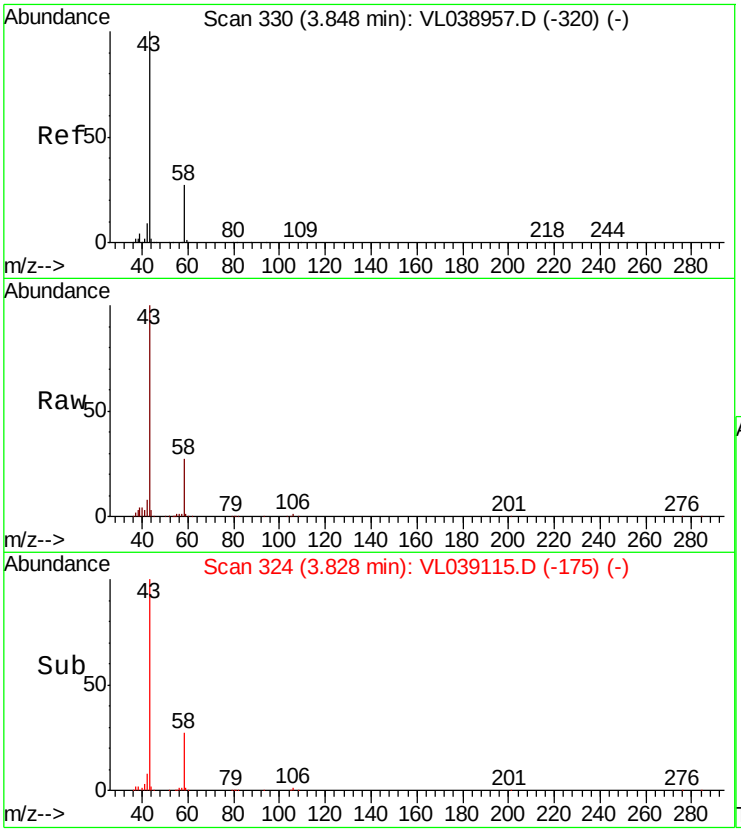


#14
Bromoethene
Concen: 10.998 ppbv
RT: 3.72 min Scan# 291
Delta R.T. -0.02 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion:108 Resp: 491046

Ion	Ratio	Lower	Upper
108	100		
106	113.7	90.3	135.5
79	18.3	14.9	22.3



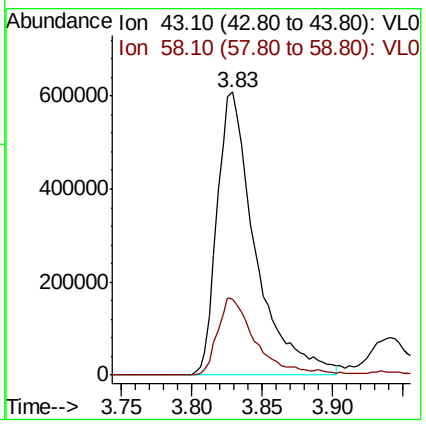


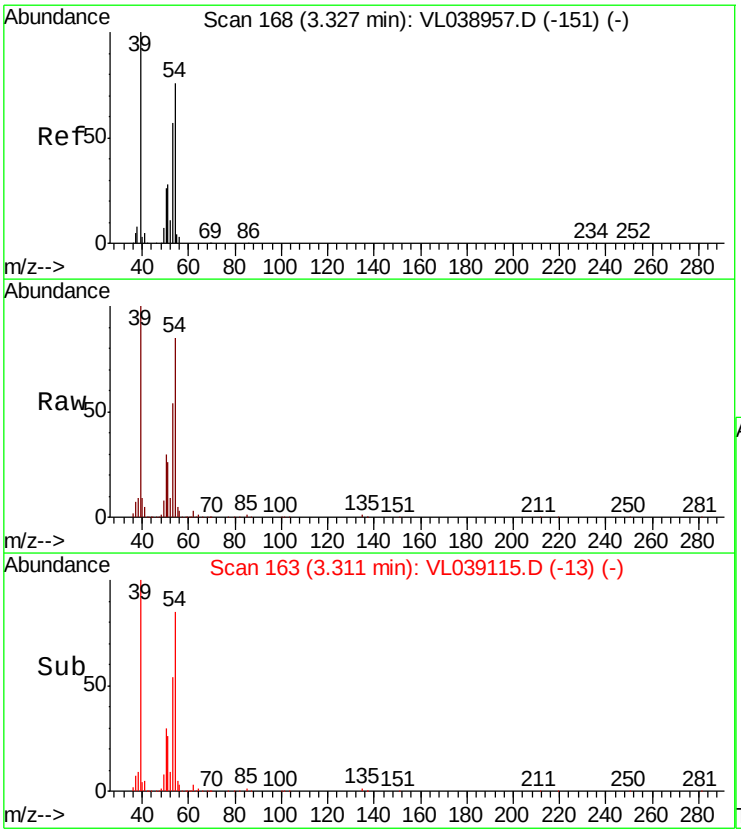
#15
Acetone
Concen: 10.393 ppbv
RT: 3.83
Delta R.T
Lab File:
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1146320

Ion	Ratio	Lower	Upper
43	100		
58	27.4	21.3	31.9

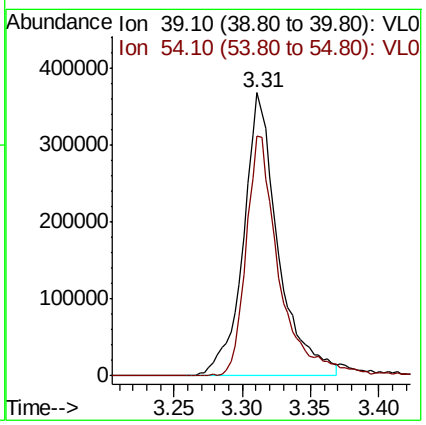


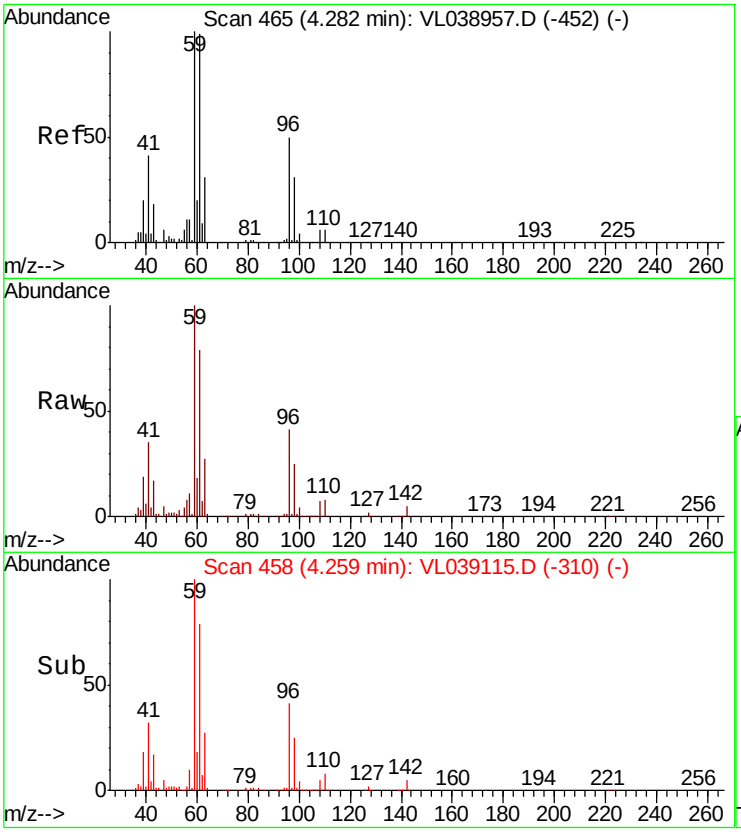


#16
1,3-Butadiene
Concen: 10.276 ppbv
RT: 3.31 min Scan# 163
Delta R.T. -0.02 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion: 39 Resp: 651194

Ion	Ratio	Lower	Upper
39	100		
54	81.9	65.2	97.8



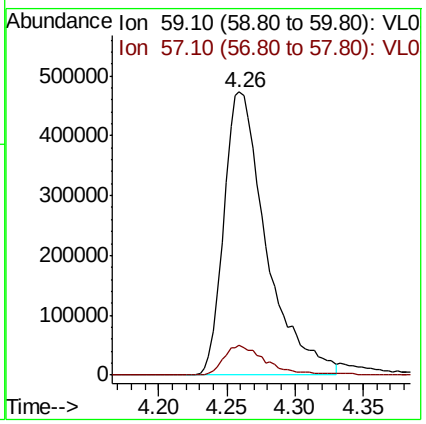


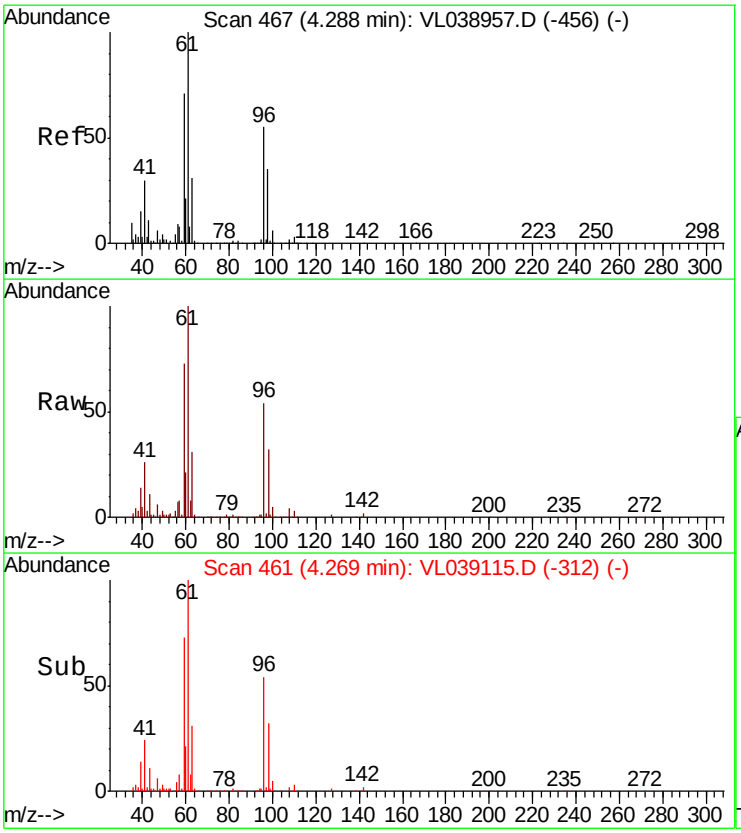
#17
tert-Butyl alcohol
Concen: 12.059 ppbv
RT: 4.26
Delta R.T
Lab File:
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 1022259

Ion	Ratio	Lower	Upper
59	100		
57	10.8	9.2	13.8

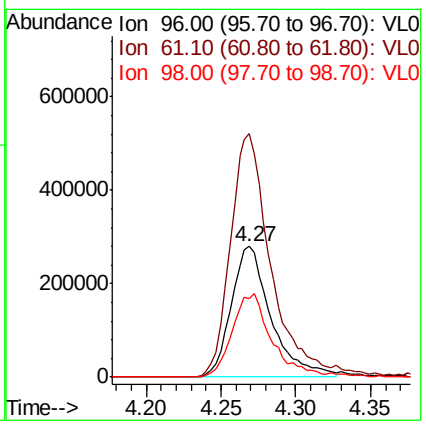


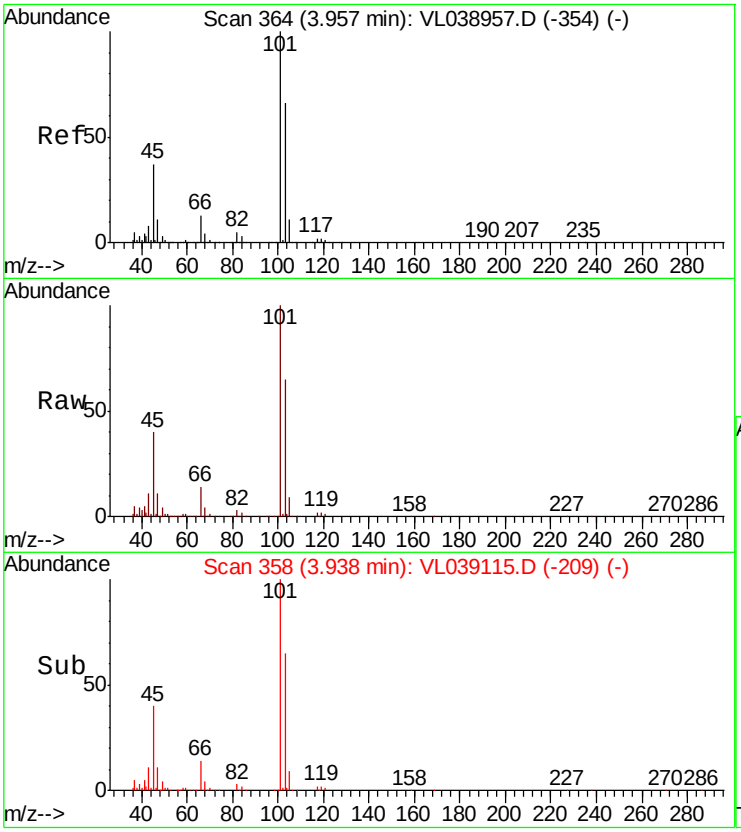


#18
1,1-Dichloroethene
Concen: 11.090 ppbv
RT: 4.27 min Scan# 461
Delta R.T. -0.02 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion: 96 Resp: 516813

Ion	Ratio	Lower	Upper
96	100		
61	186.1	146.3	219.5
98	59.6	50.6	75.8



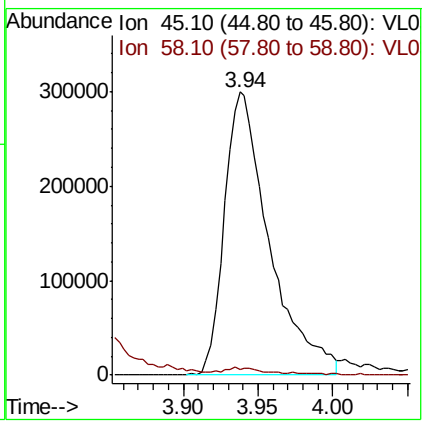


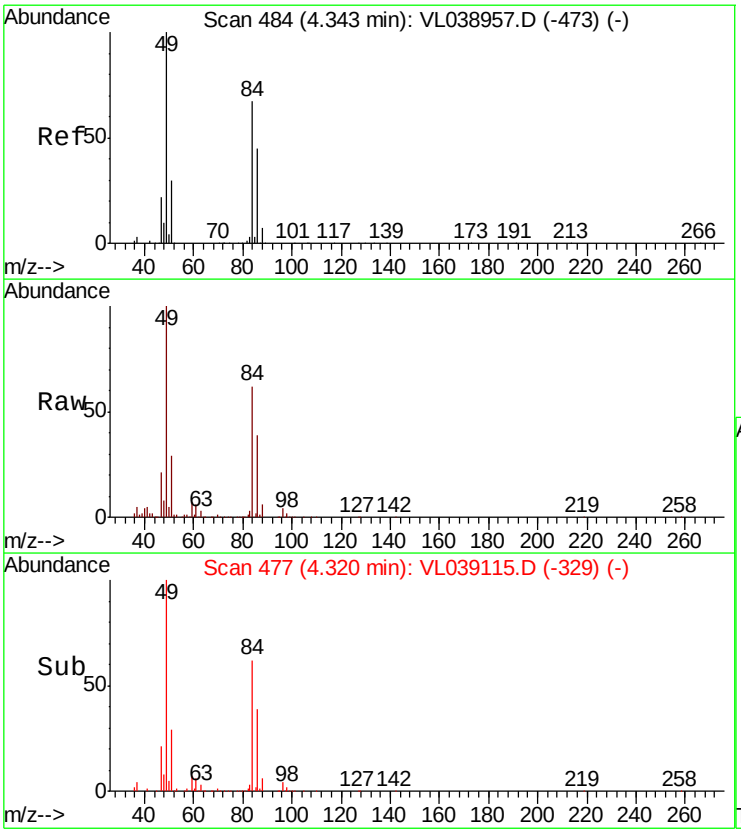
#19
Isopropyl Alcohol
Concen: 11.907 ppbv
RT: 3.94
Delta R.T
Lab File:
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 624406

Ion	Ratio	Lower	Upper
45	100		
58	2.2	1.4	2.2#

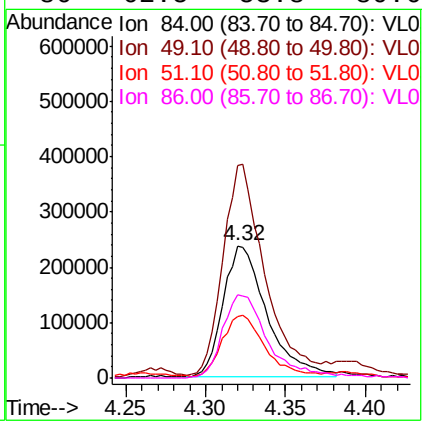


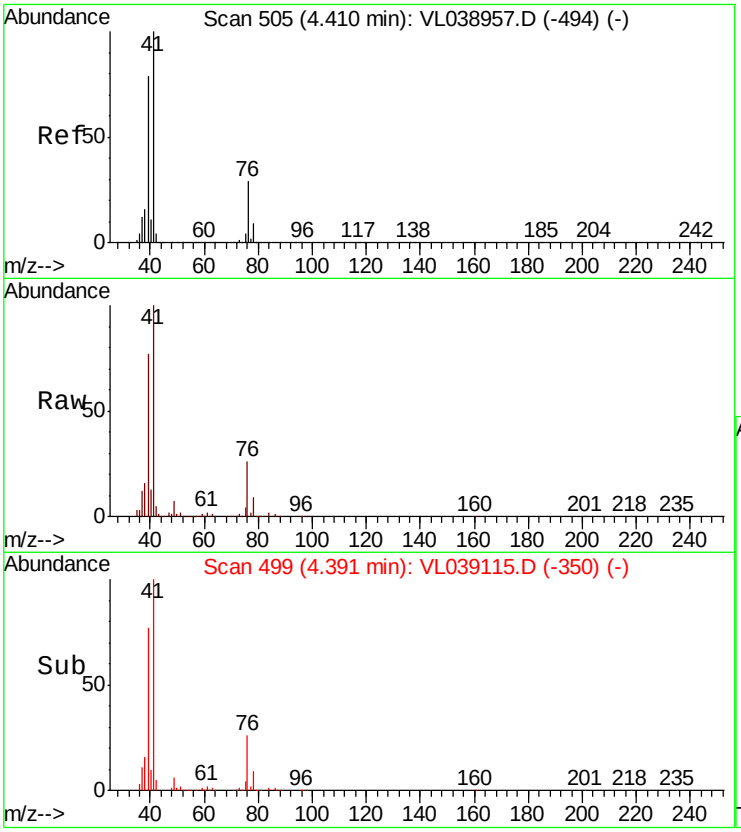


#20
Methylene Chloride
Concen: 10.782 ppbv
RT: 4.32 min Scan# 477
Delta R.T. -0.02 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion: 84 Resp: 448208

Ion	Ratio	Lower	Upper
84	100		
49	159.3	119.9	179.9
51	44.7	35.7	53.5
86	62.5	53.8	80.6



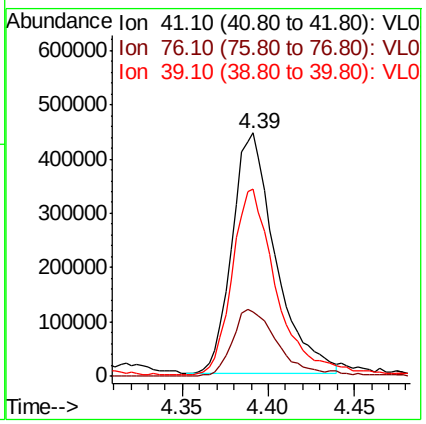


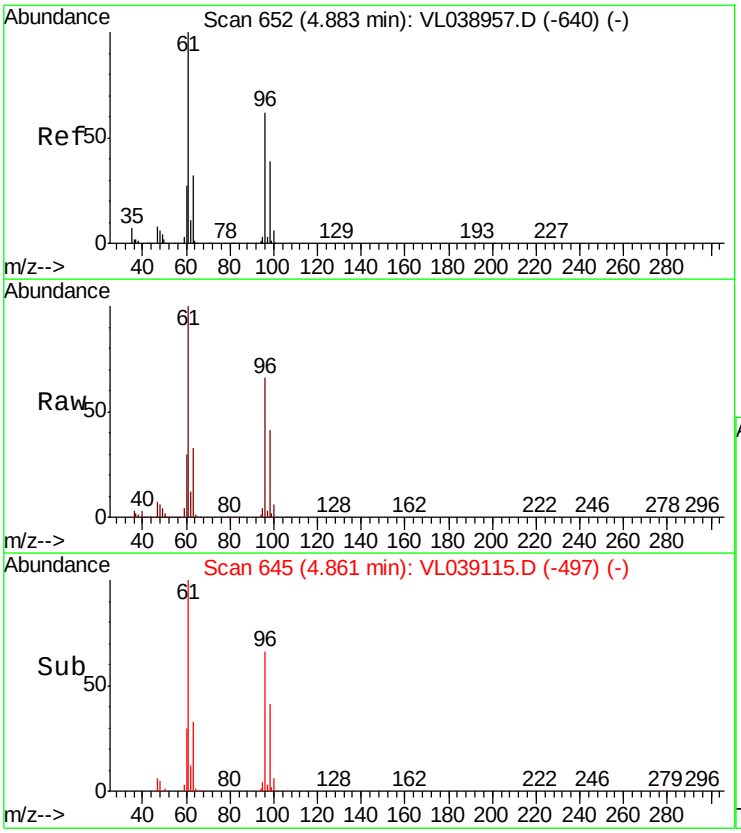
#21
Allyl Chloride
Concen: 10.402 ppbv
RT: 4.39
Delta R.T
Lab File:
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 781782

Ion	Ratio	Lower	Upper
41	100		
76	29.8	24.2	36.4
39	80.5	63.8	95.8

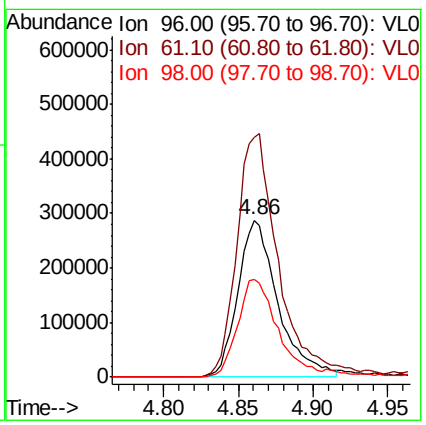


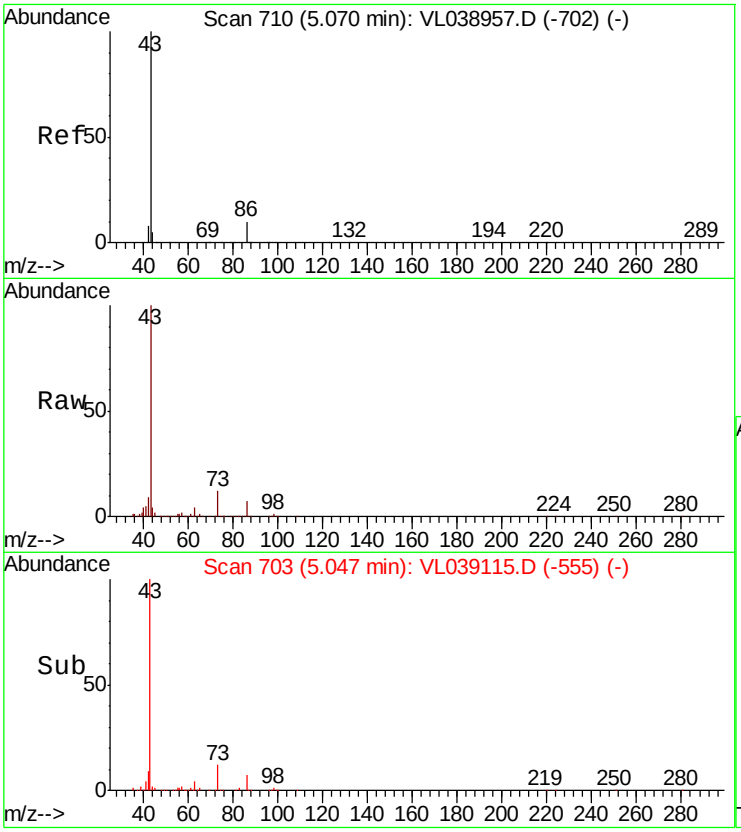


#22
trans-1,2-Dichloroethene
Concen: 10.639 ppbv
RT: 4.86 min Scan# 645
Delta R.T. -0.02 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion: 96 Resp: 535521

Ion	Ratio	Lower	Upper
96	100		
61	152.6	128.2	192.2
98	62.4	50.1	75.1



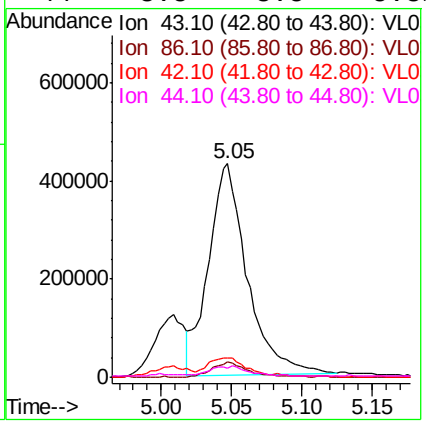


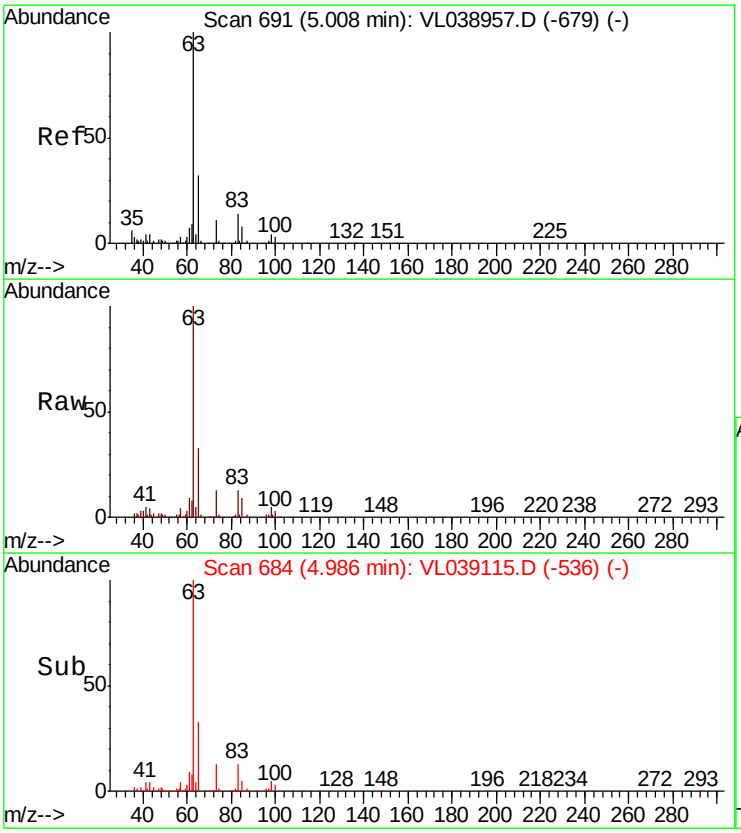
#23
Vinyl Acetate
Concen: 9.362 ppbv
RT: 5.05
Delta R.T
Lab File:
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 817009

Ion	Ratio	Lower	Upper
43	100		
86	7.0	6.6	9.8
42	8.7	8.1	12.1
44	3.5	3.5	5.3#

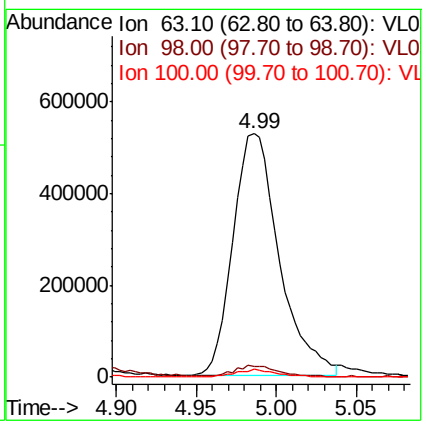


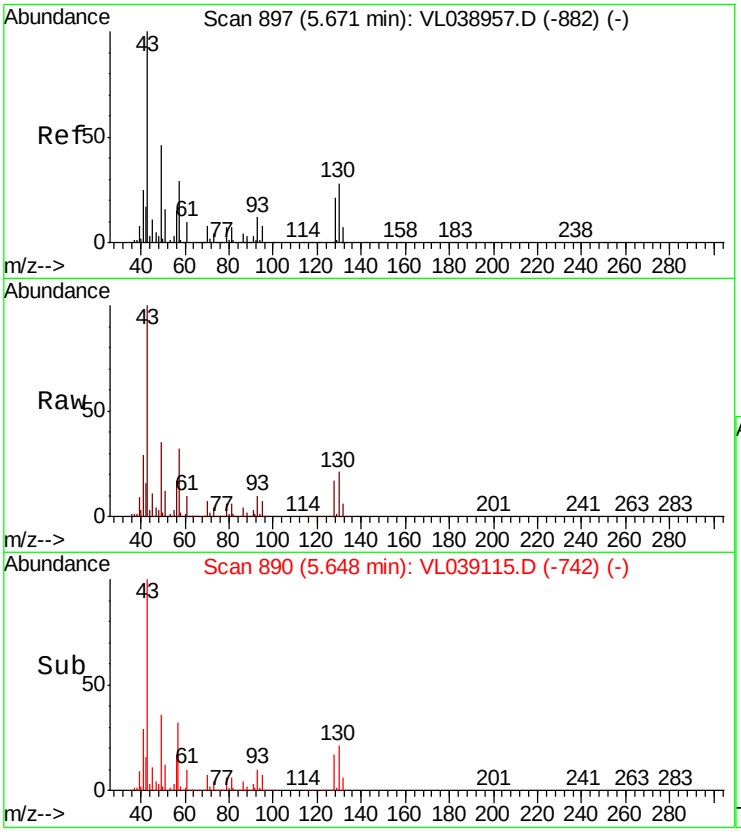


#24
1,1-Dichloroethane
Concen: 10.426 ppbv
RT: 4.99 min Scan# 684
Delta R.T. -0.02 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion: 63 Resp: 1047693

Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.1	6.2
100	3.1	1.4	4.2



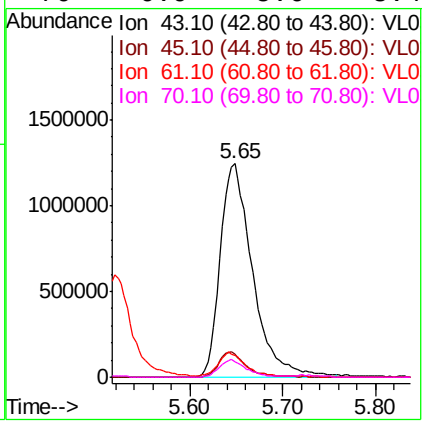


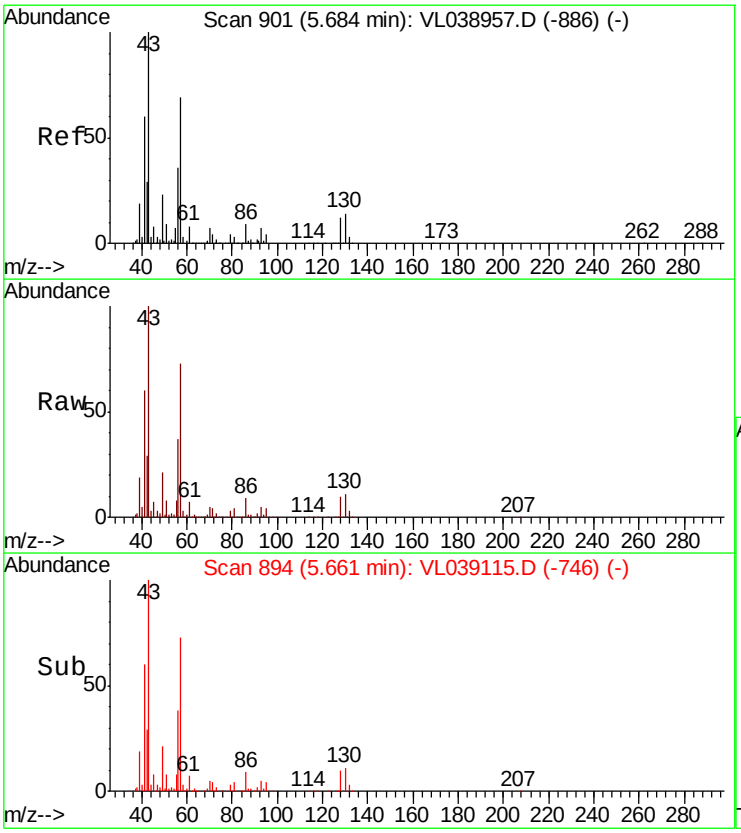
#25
Ethyl Acetate
Concen: 11.381 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 3004405

Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.1	12.1
61	10.2	7.8	11.6
70	6.9	5.6	8.4

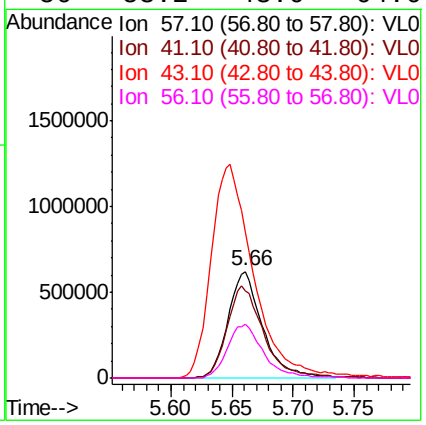


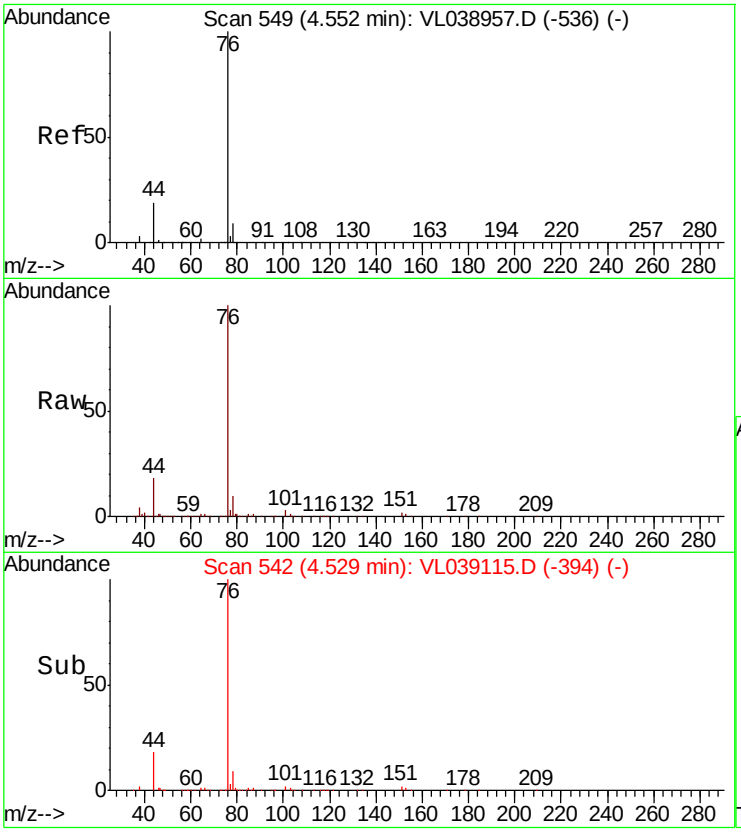


#26
Hexane
Concen: 10.455 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.02 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion: 57 Resp: 1226296

Ion	Ratio	Lower	Upper
57	100		
41	91.8	75.2	112.8
43	248.4	190.8	286.2
56	53.2	43.0	64.6



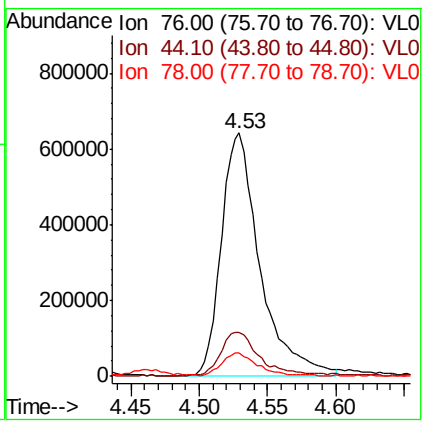


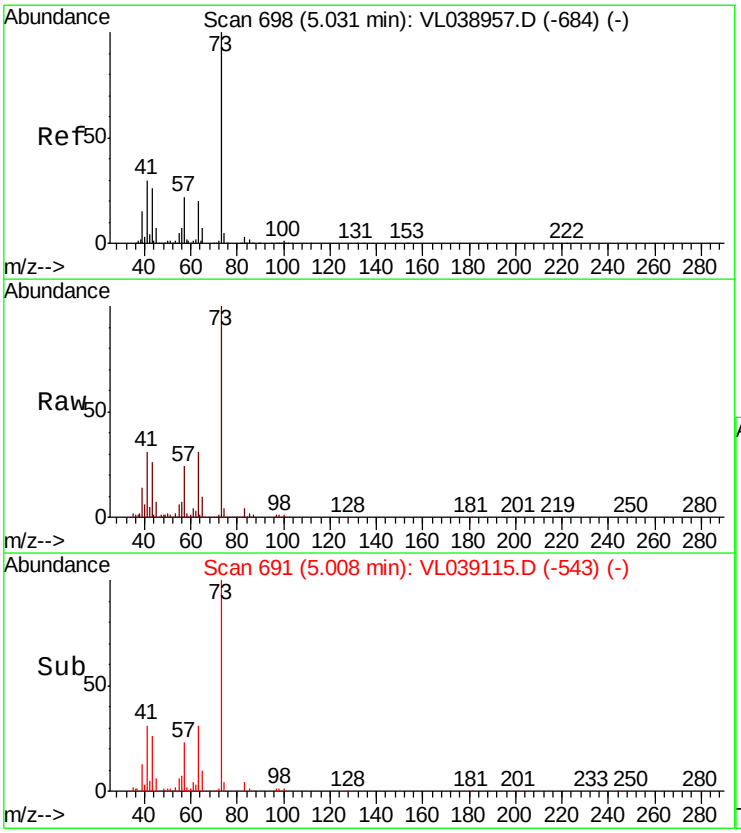
#27
Carbon Disulfide
Concen: 11.238 ppbv
RT: 4.53
Delta R.T
Lab File:
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 76 Resp: 1252124

Ion	Ratio	Lower	Upper
76	100		
44	18.8	15.3	22.9
78	10.2	8.2	12.2

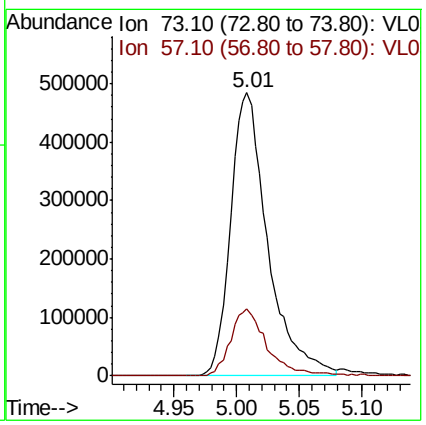


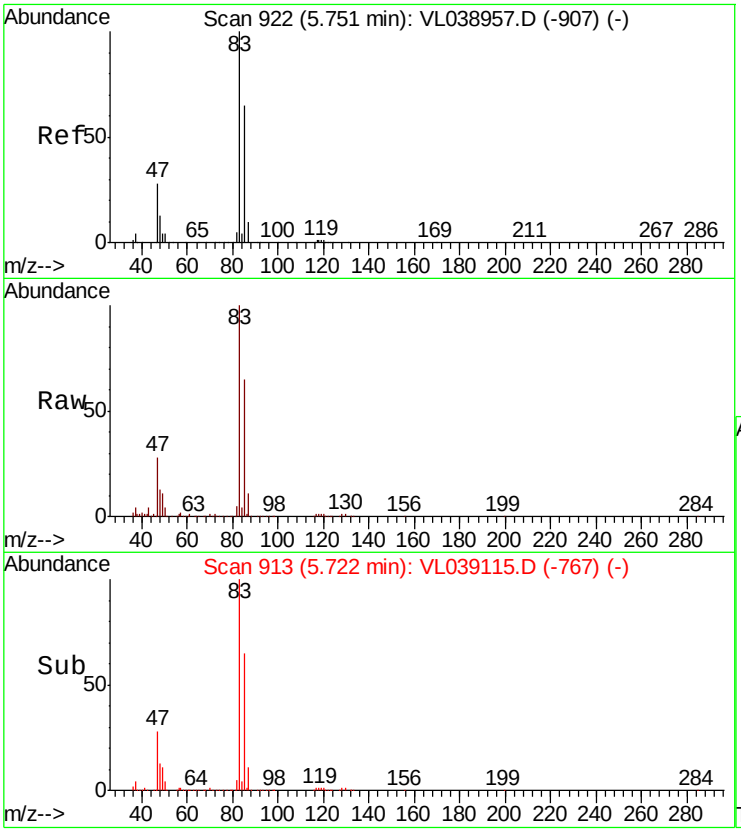


#28
Methyl tert-Butyl Ether
Concen: 11.162 ppbv
RT: 5.01 min Scan# 691
Delta R.T. -0.02 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion: 73 Resp: 996100

Ion	Ratio	Lower	Upper
73	100		
57	23.8	18.8	28.2



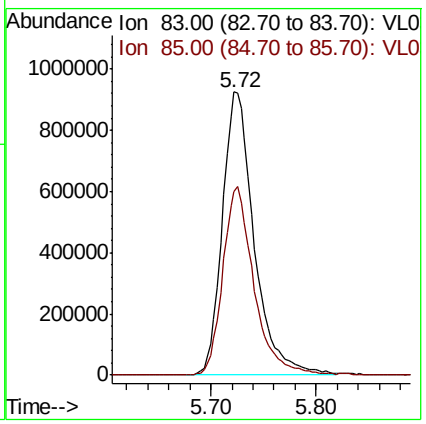


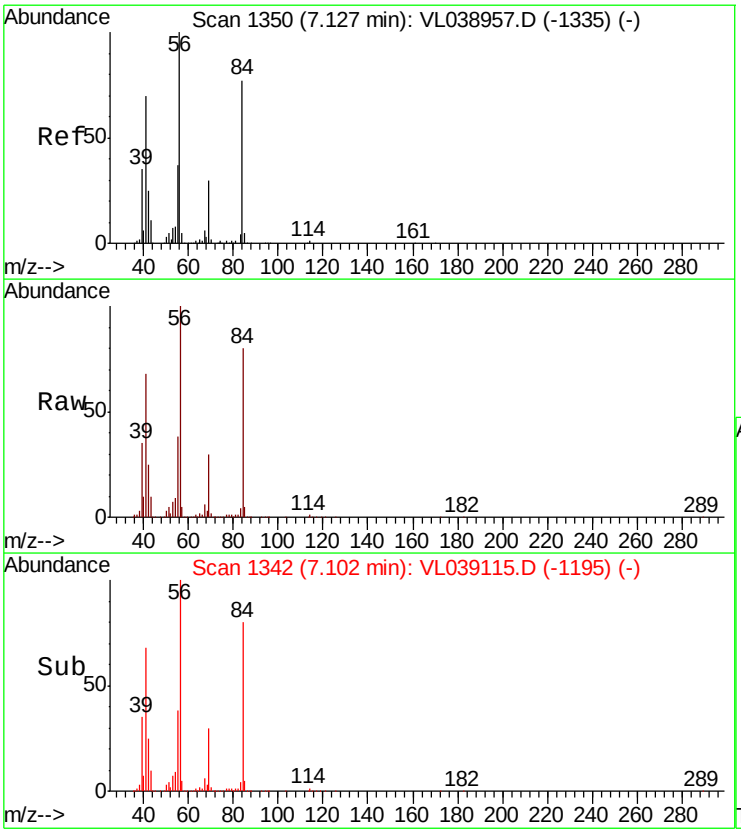
#29
Chloroform
Concen: 10.185 ppbv
RT: 5.72
Delta R.T
Lab File:
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1932823

Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.8	77.6

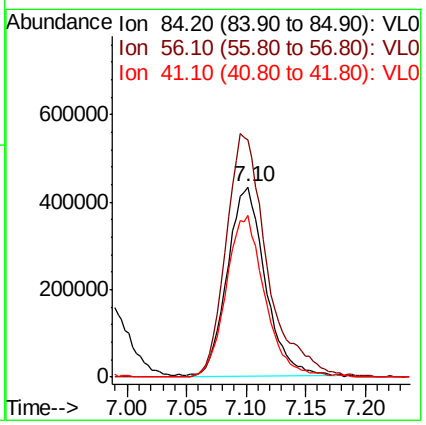


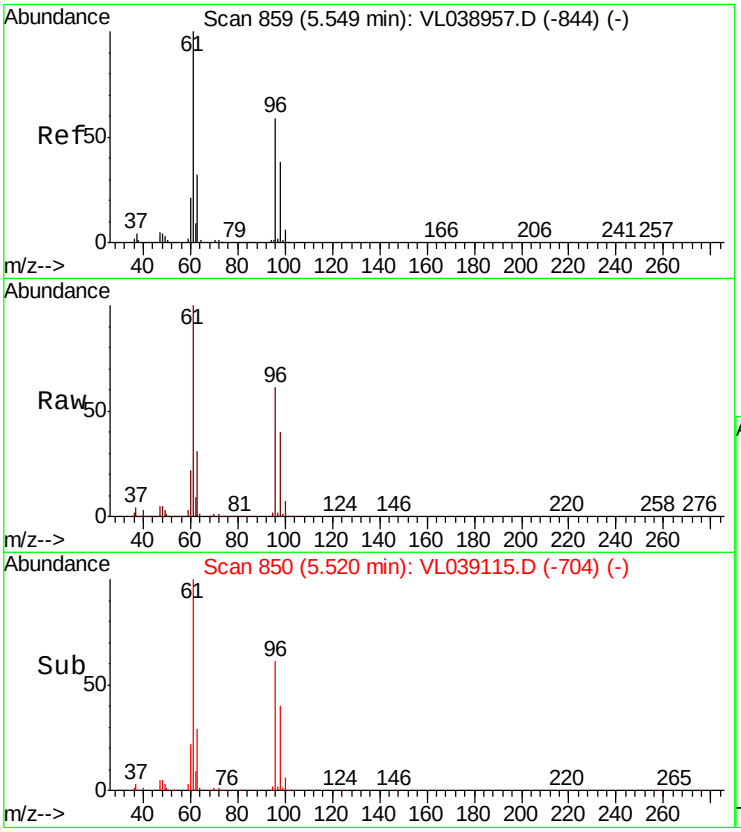


#30
Cyclohexane
Concen: 9.689 ppbv
RT: 7.10 min Scan# 1342
Delta R.T. -0.03 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion: 84 Resp: 951494

Ion	Ratio	Lower	Upper
84	100		
56	140.6	115.3	172.9
41	88.1	72.0	108.0



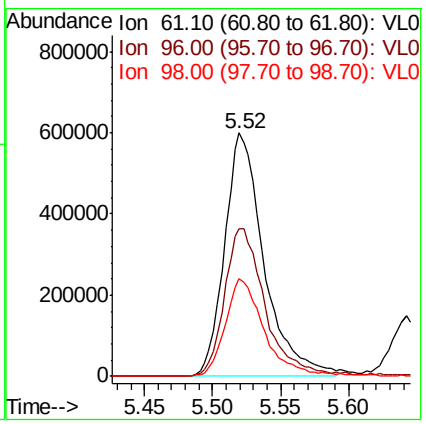


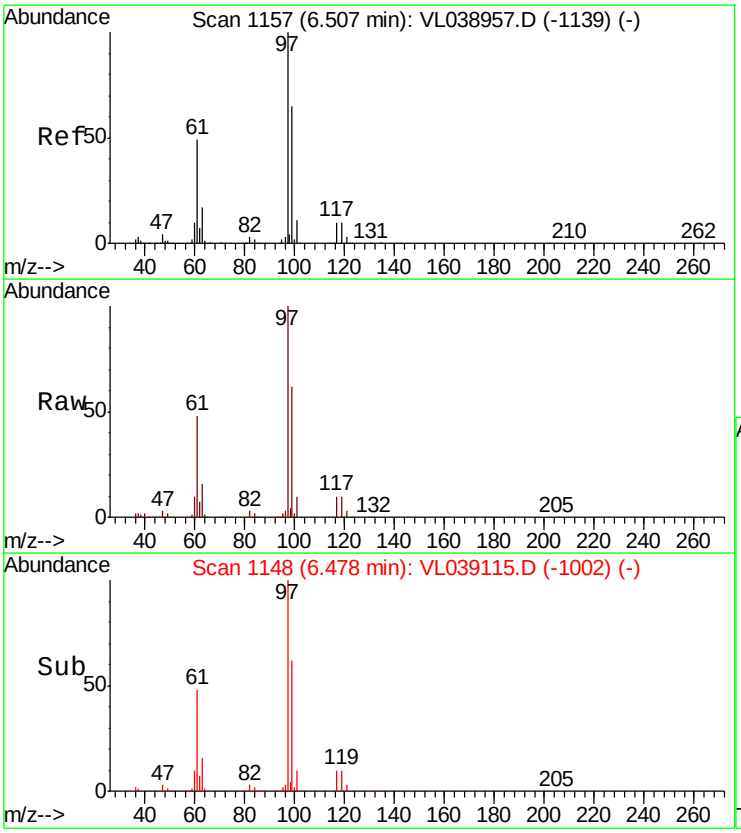
#31
cis-1,2-Dichloroethene
Concen: 10.033 ppbv
RT: 5.52
Delta R.T
Lab File:
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 61 Resp: 1198862

Ion	Ratio	Lower	Upper
61	100		
96	60.5	47.4	71.0
98	40.2	30.6	45.8

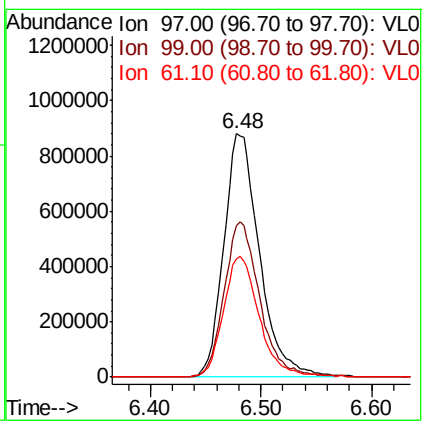


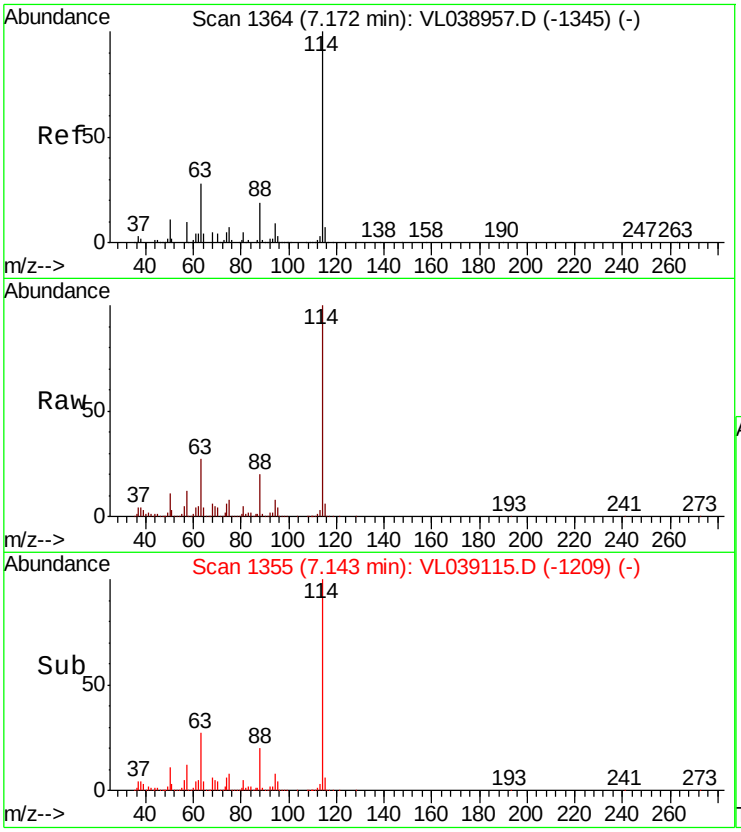


#32
1,1,1-Trichloroethane
Concen: 10.432 ppbv
RT: 6.48 min Scan# 1148
Delta R.T. -0.03 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion: 97 Resp: 1979452

Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.9	77.9
61	49.8	40.9	61.3



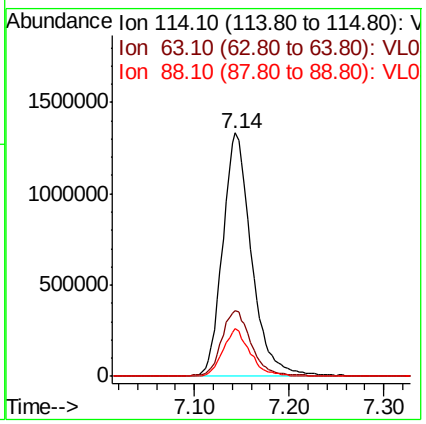


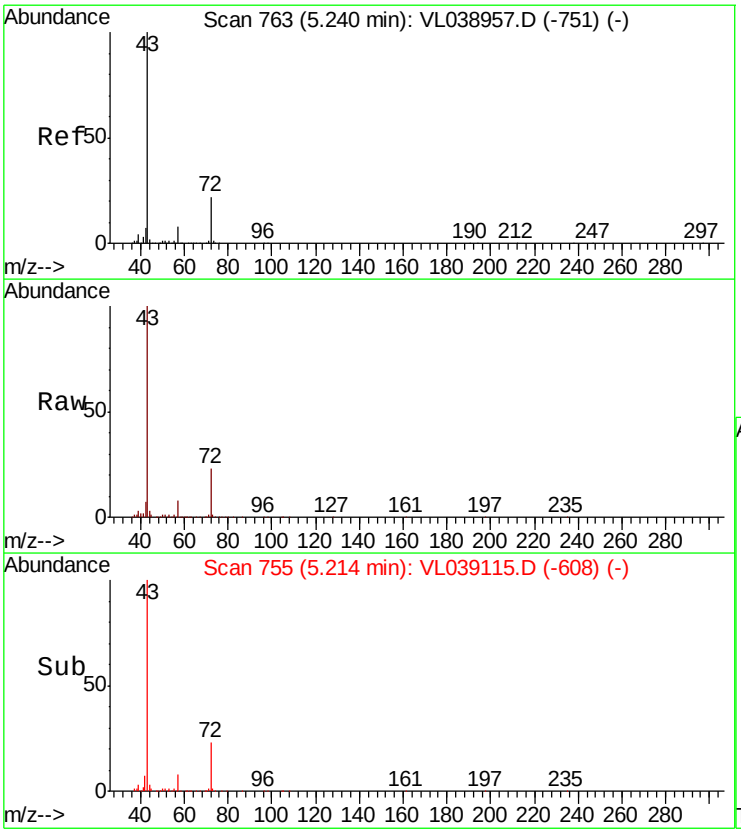
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14
Delta R.T
Lab File:
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:114 Resp: 2826970

Ion	Ratio	Lower	Upper
114	100		
63	27.9	22.6	33.8
88	18.8	15.4	23.0

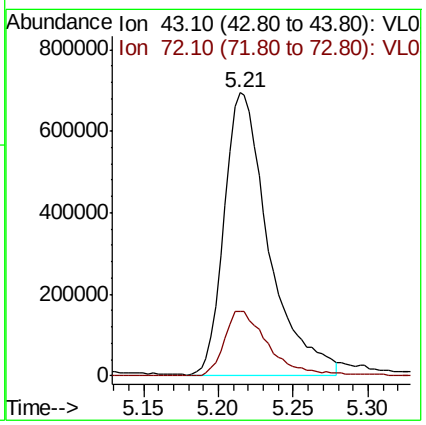


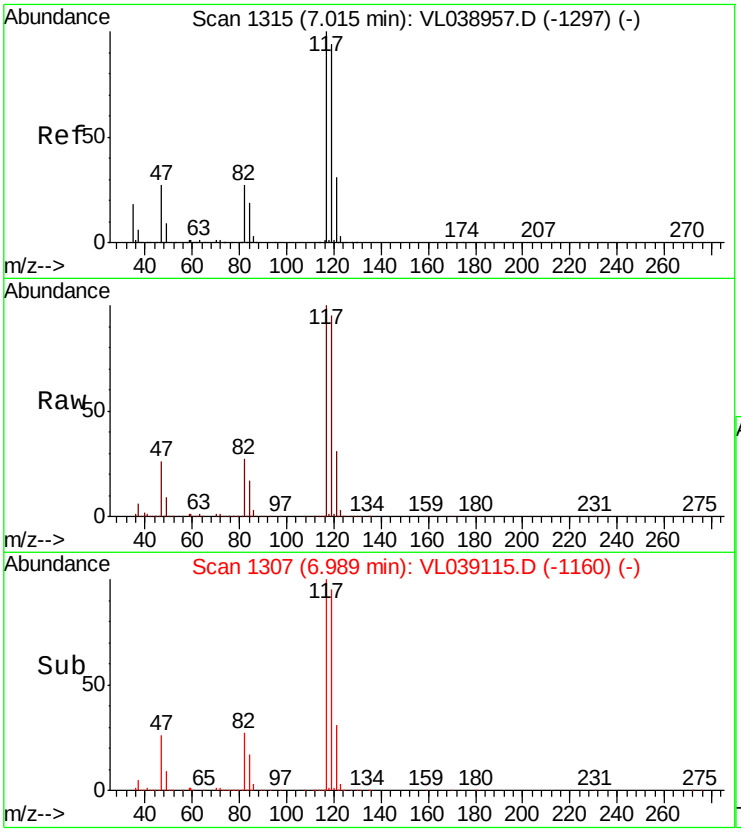


#34
2-Butanone
Concen: 9.963 ppbv
RT: 5.21 min Scan# 755
Delta R.T. -0.03 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion: 43 Resp: 1436952

Ion	Ratio	Lower	Upper
43	100		
72	23.5	17.8	26.6



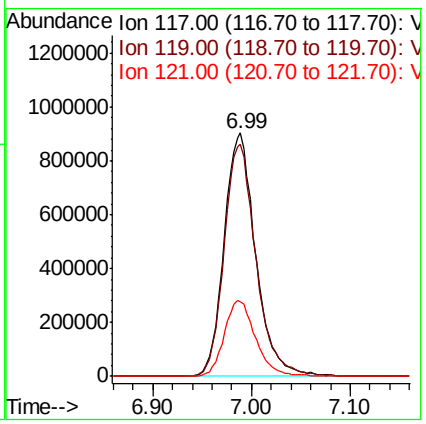


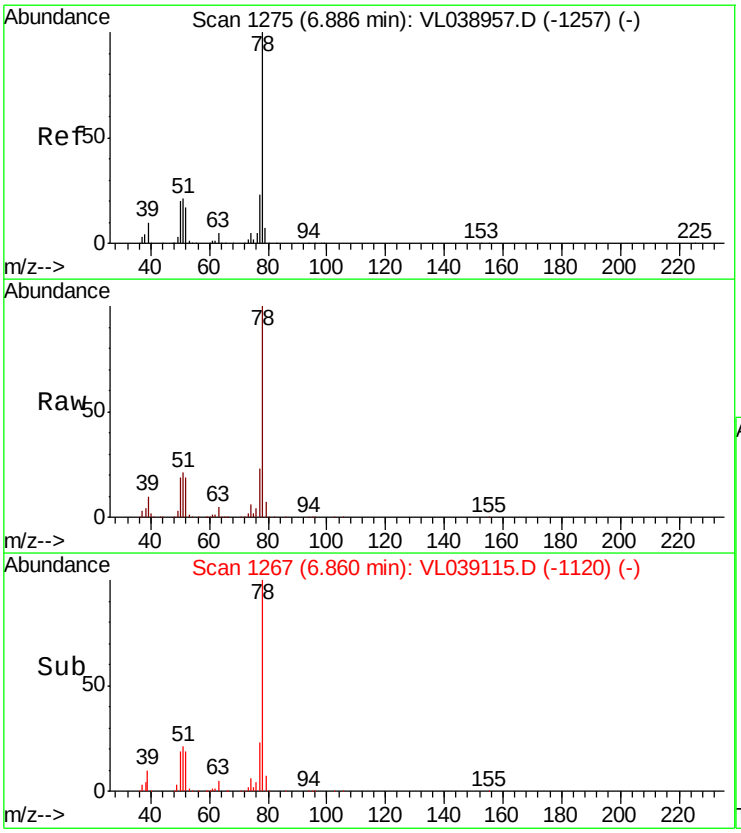
#35
Carbon Tetrachloride
Concen: 10.768 ppbv
RT: 6.99
Delta R.T
Lab File:
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 2005774

Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.2	112.8
121	30.8	24.6	37.0

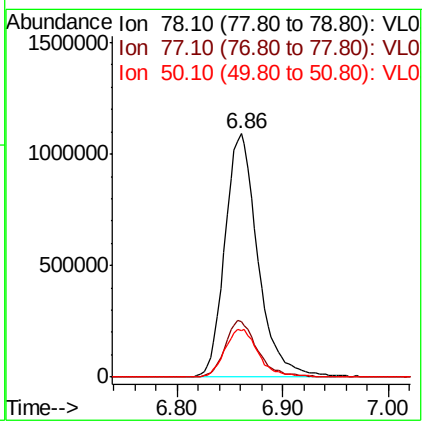


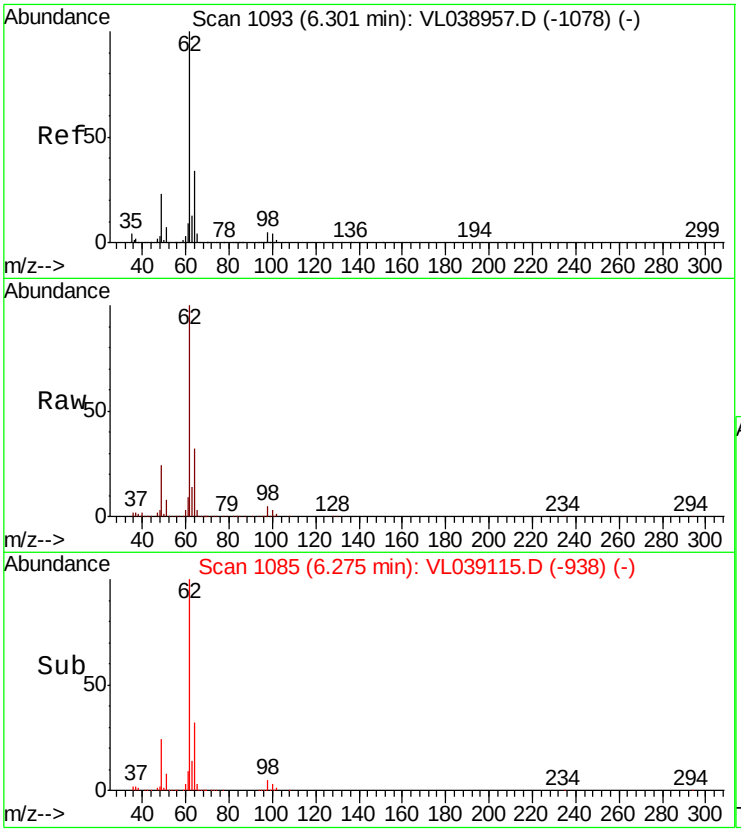


#36
Benzene
Concen: 9.725 ppbv
RT: 6.86 min Scan# 1267
Delta R.T. -0.03 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion: 78 Resp: 2352746

Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.6	28.0
50	19.3	15.6	23.4



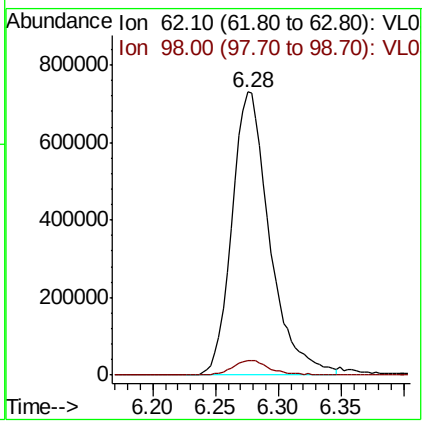


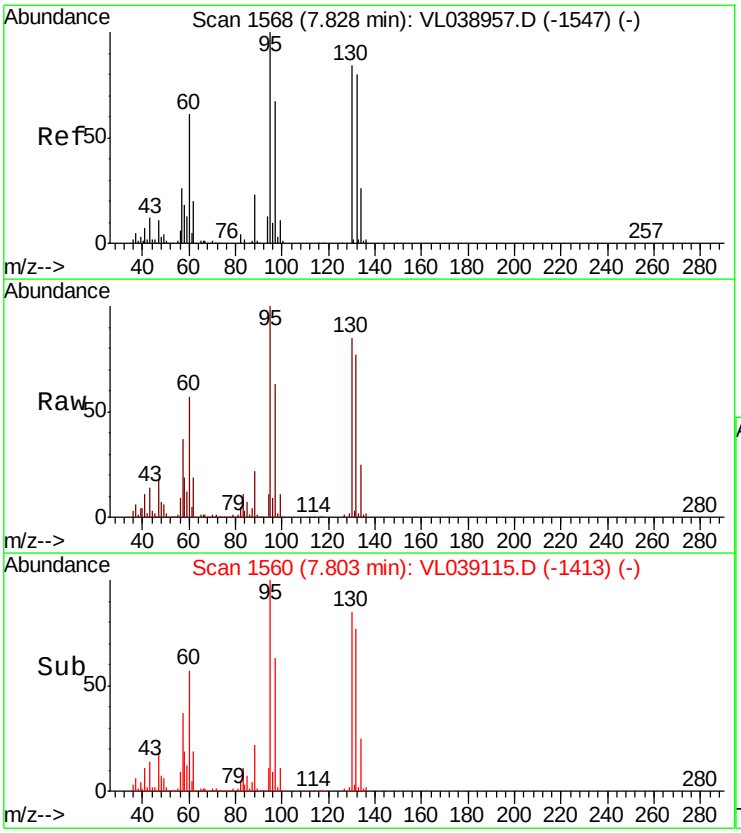
#37
1,2-Dichloroethane
Concen: 10.197 ppbv
RT: 6.28
Delta R.T
Lab File:
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 1526338

Ion	Ratio	Lower	Upper
62	100		
98	5.4	4.5	6.7

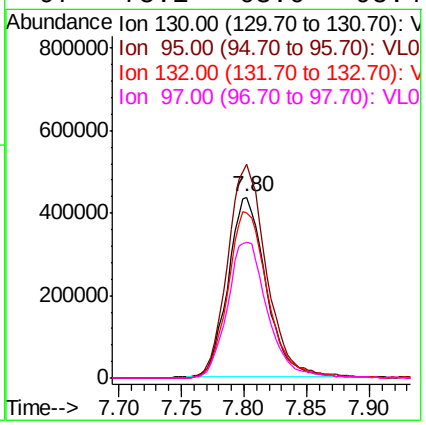


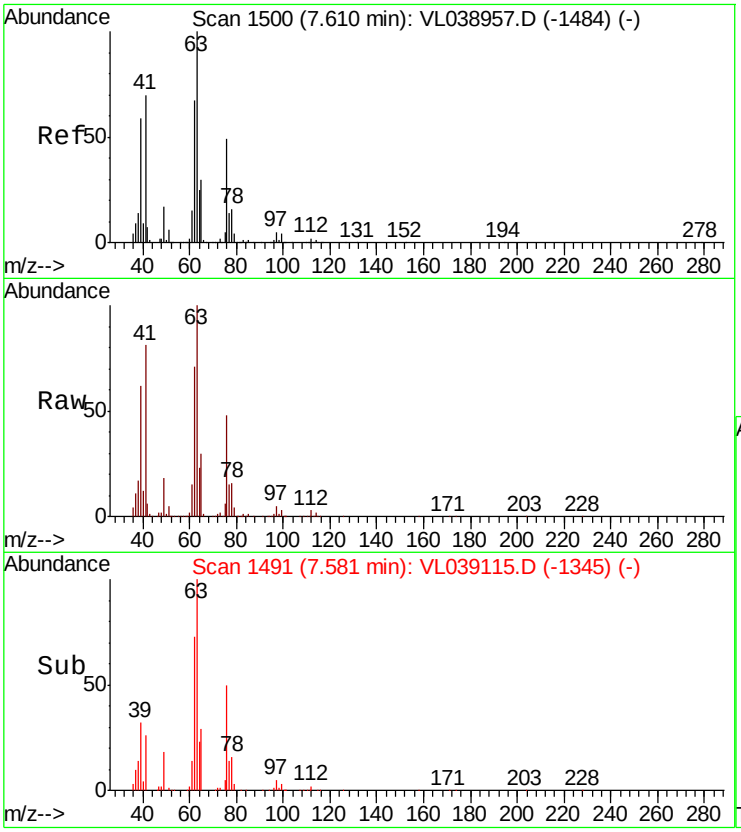


#38
Trichloroethene
Concen: 8.540 ppbv
RT: 7.80 min Scan# 1560
Delta R.T. -0.03 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion:130 Resp: 918439

Ion	Ratio	Lower	Upper
130	100		
95	118.7	94.8	142.2
132	91.9	75.8	113.8
97	75.1	63.6	95.4



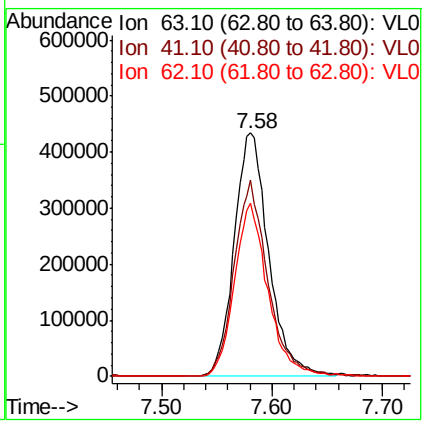


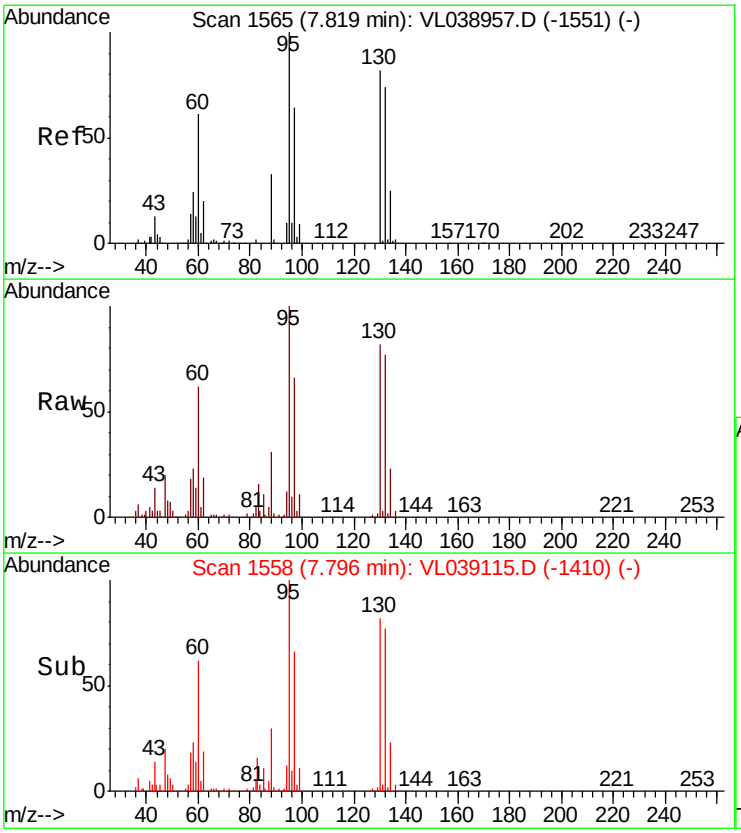
#39
1,2-Dichloropropane
Concen: 9.970 ppbv
RT: 7.58
Delta R.T
Lab File:
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 63 Resp: 938500

Ion	Ratio	Lower	Upper
63	100		
41	80.8	55.9	83.9
62	71.4	53.8	80.6

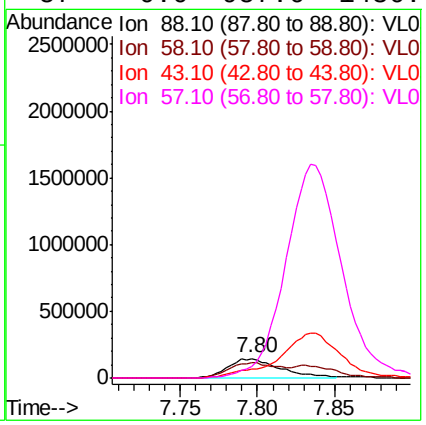


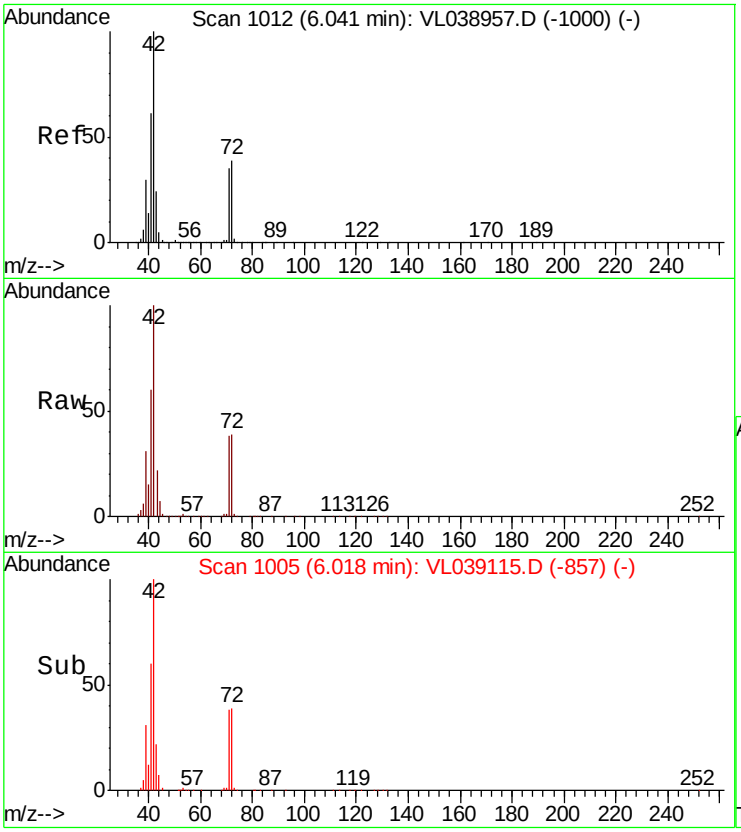


#40
1,4-Dioxane
Concen: 9.944 ppbv
RT: 7.80 min Scan# 1558
Delta R.T. -0.02 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion: 88 Resp: 336198

Ion	Ratio	Lower	Upper
88	100		
58	74.5	106.1	159.1#
43	0.0	222.9	334.3#
57	0.0	957.6	1436.4#



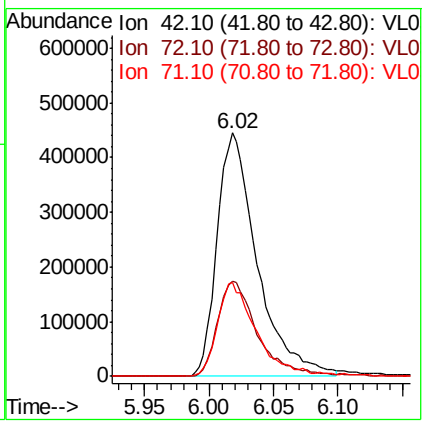


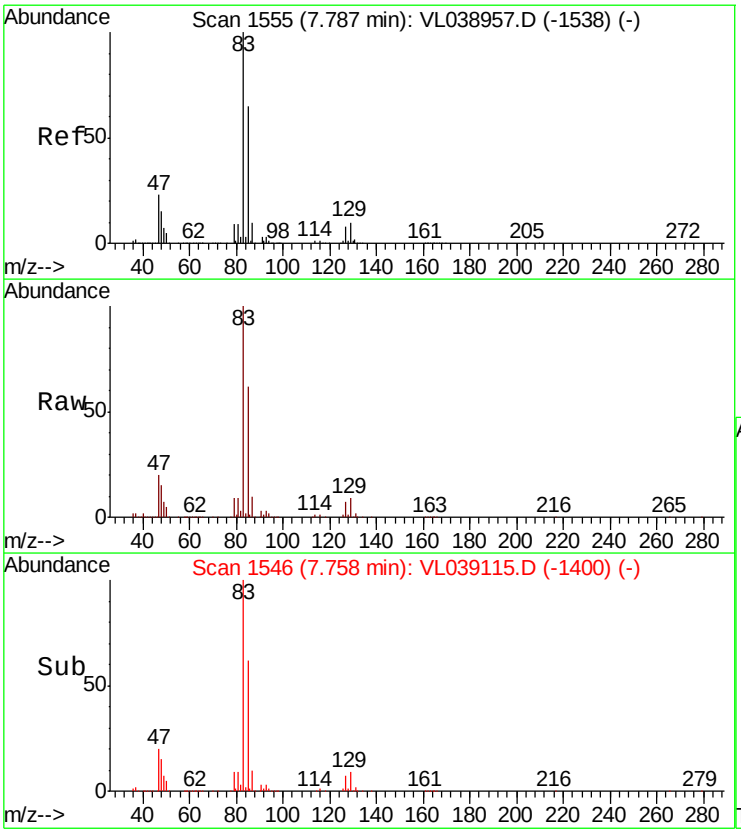
#41
Tetrahydrofuran
Concen: 9.866 ppbv
RT: 6.02
Delta R.T
Lab File:
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 956359

Ion	Ratio	Lower	Upper
42	100		
72	40.0	31.8	47.6
71	38.4	30.6	45.8

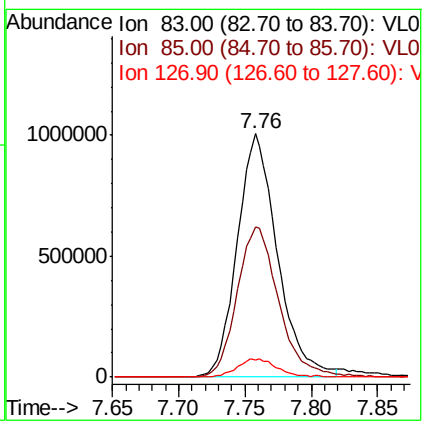


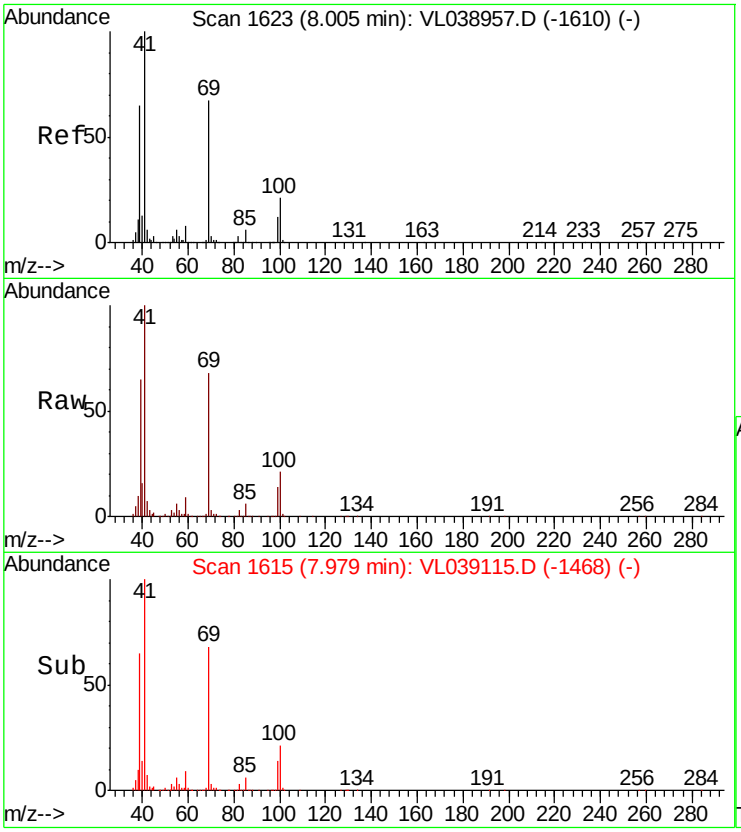


#42
Bromodichloromethane
Concen: 10.335 ppbv
RT: 7.76 min Scan# 1546
Delta R.T. -0.03 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion: 83 Resp: 2114952

Ion	Ratio	Lower	Upper
83	100		
85	61.9	52.0	78.0
127	7.1	6.0	9.0



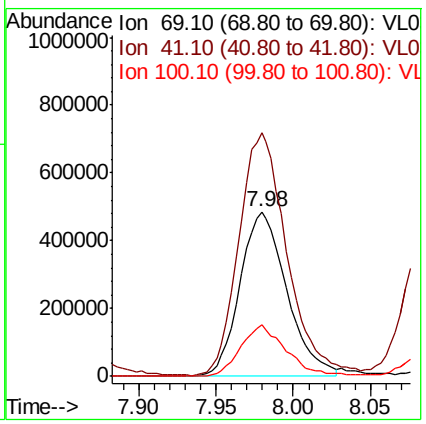


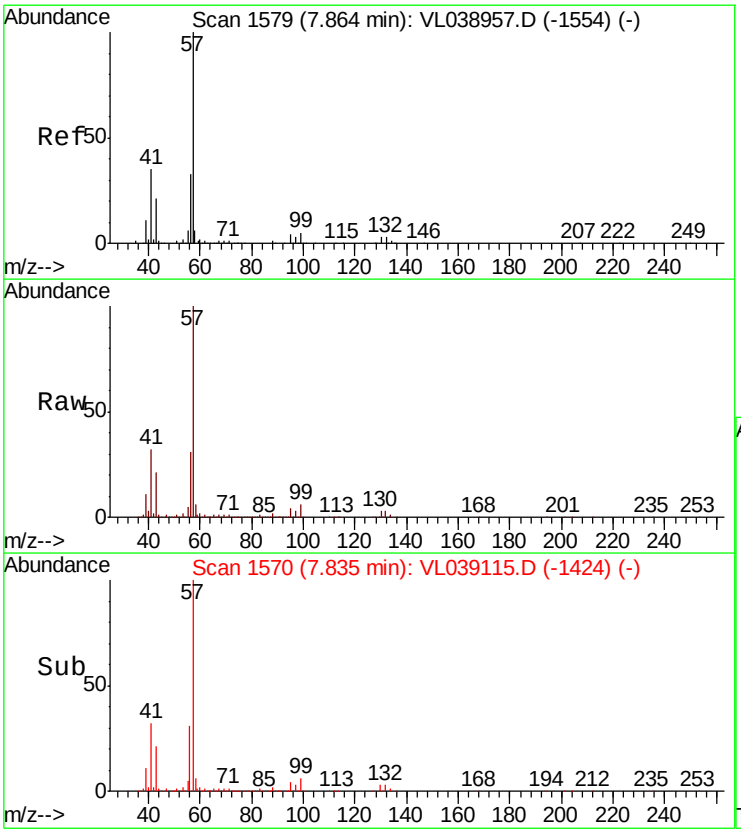
#43
Methyl Methacrylate
Concen: 10.383 ppbv
RT: 7.98
Delta R.T
Lab File:
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 1019802

Ion	Ratio	Lower	Upper
69	100		
41	153.0	121.9	182.9
100	30.8	24.6	36.8

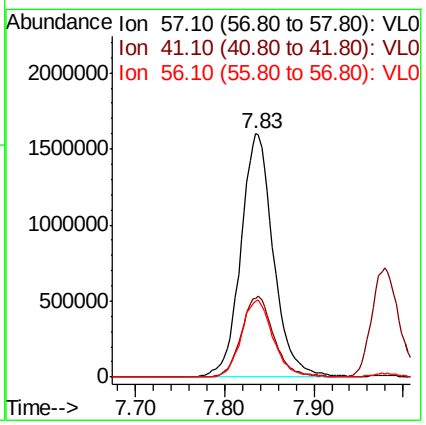


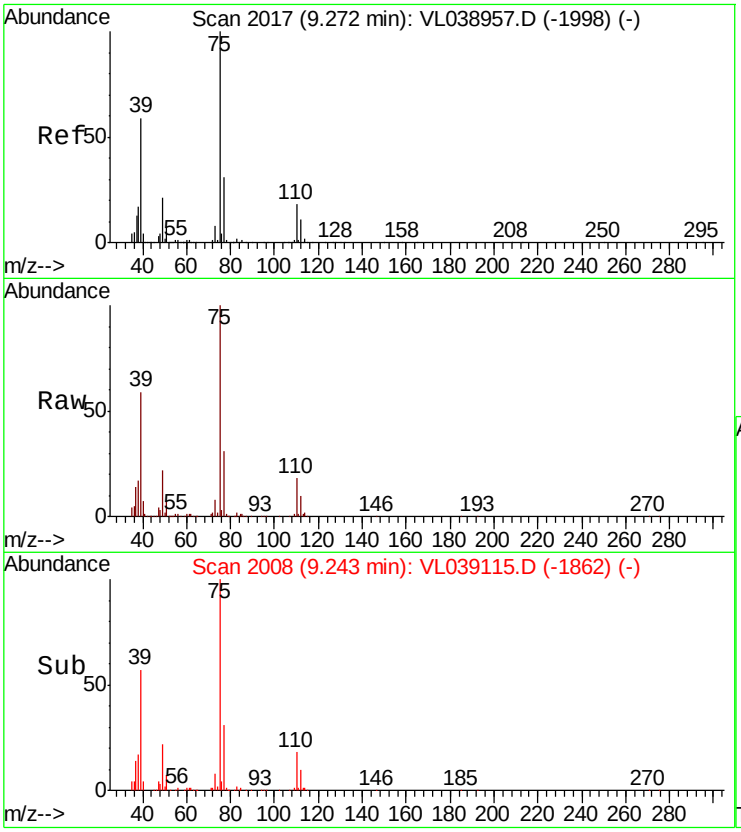


#44
2,2,4-Trimethylpentane
Concen: 9.570 ppbv
RT: 7.83 min Scan# 1570
Delta R.T. -0.03 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion: 57 Resp: 4062683

Ion	Ratio	Lower	Upper
57	100		
41	33.2	26.3	39.5
56	30.9	24.6	37.0



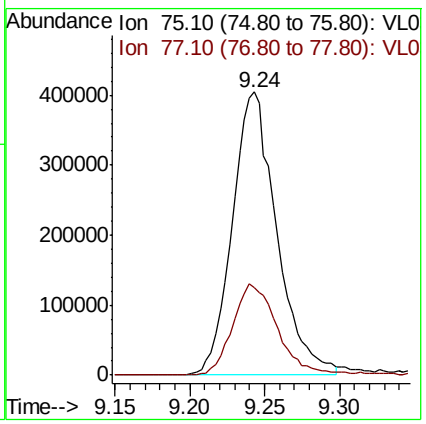


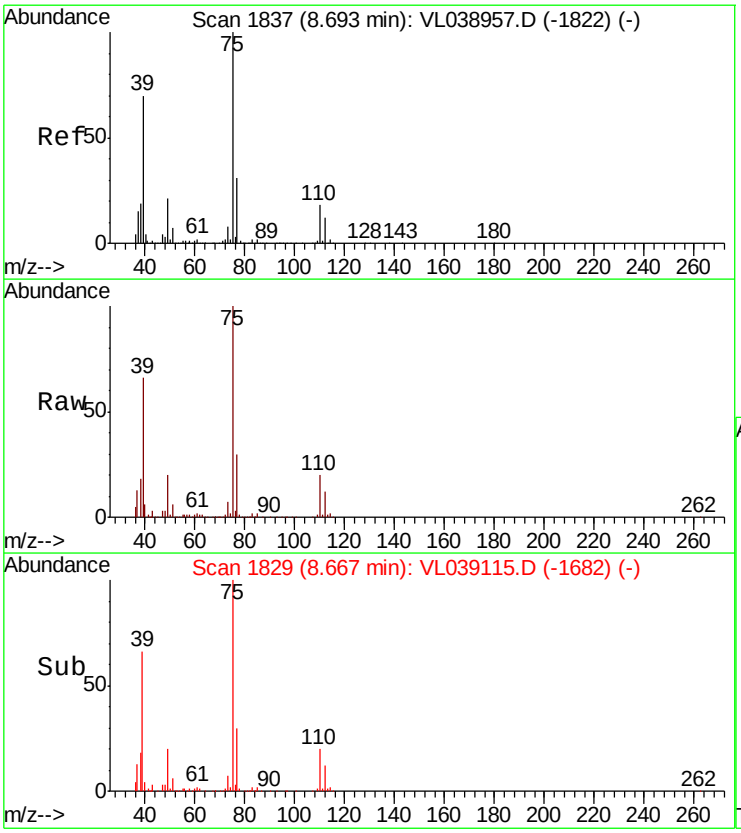
#45
t-1,3-Dichloropropene
Concen: 8.729 ppbv
RT: 9.24
Delta R.T
Lab File:
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 829846

Ion	Ratio	Lower	Upper
75	100		
77	30.7	24.6	37.0

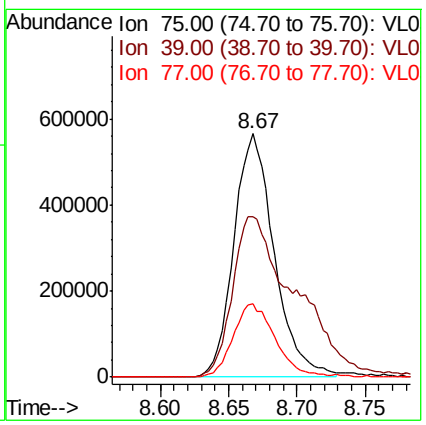


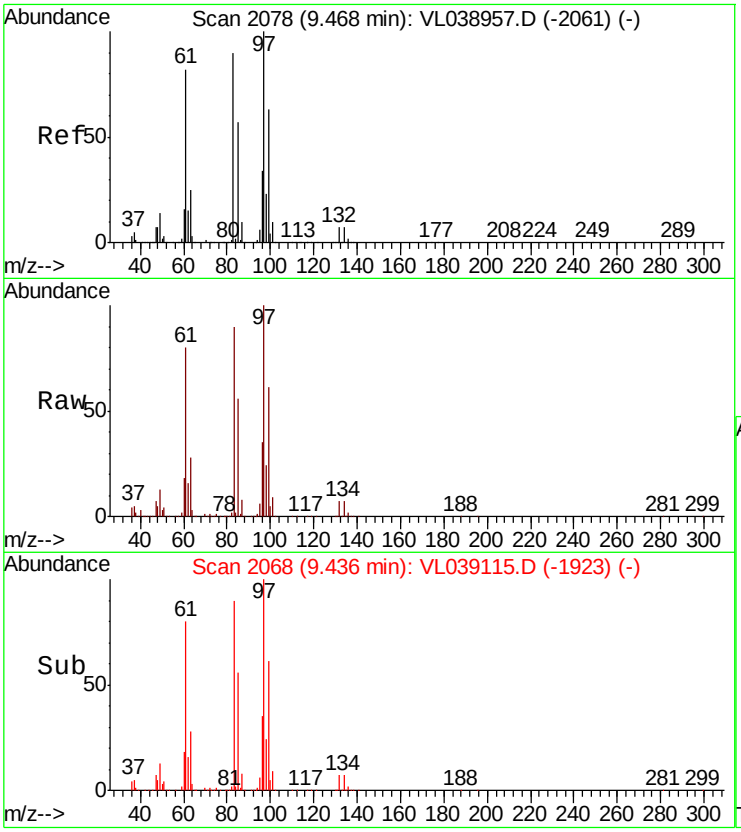


#46
cis-1,3-Dichloropropene
Concen: 9.195 ppbv
RT: 8.67 min Scan# 1829
Delta R.T. -0.03 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion: 75 Resp: 1159323

Ion	Ratio	Lower	Upper
75	100		
39	66.1	55.8	83.6
77	29.9	24.8	37.2



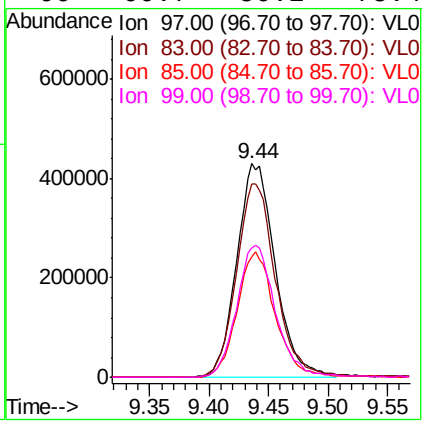


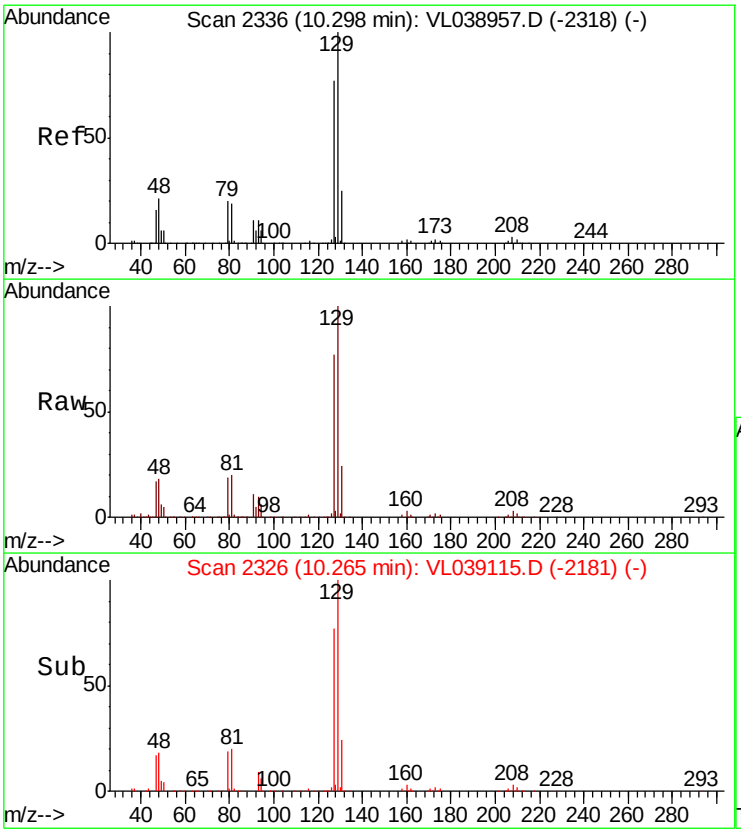
#47
1,1,2-Trichloroethane
Concen: 9.861 ppbv
RT: 9.44
Delta R.T
Lab File:
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 97 Resp: 965394

Ion	Ratio	Lower	Upper
97	100		
83	90.4	72.0	108.0
85	56.5	45.7	68.5
99	60.7	50.2	75.4

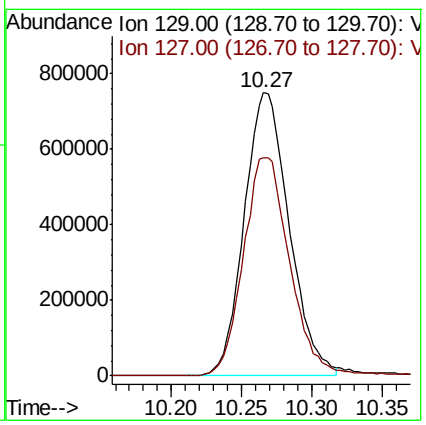


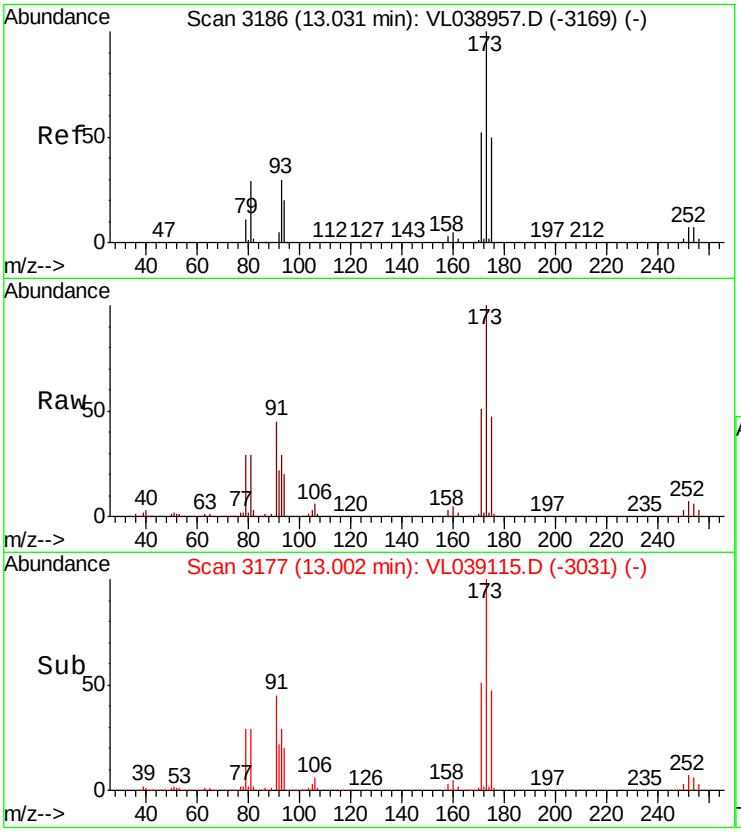


#48
Dibromochloromethane
Concen: 10.498 ppbv
RT: 10.27 min Scan# 2326
Delta R.T. -0.03 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion:129 Resp: 1672929

Ion	Ratio	Lower	Upper
129	100		
127	79.6	39.3	117.9



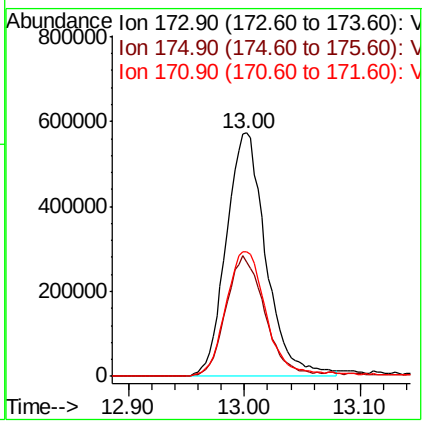


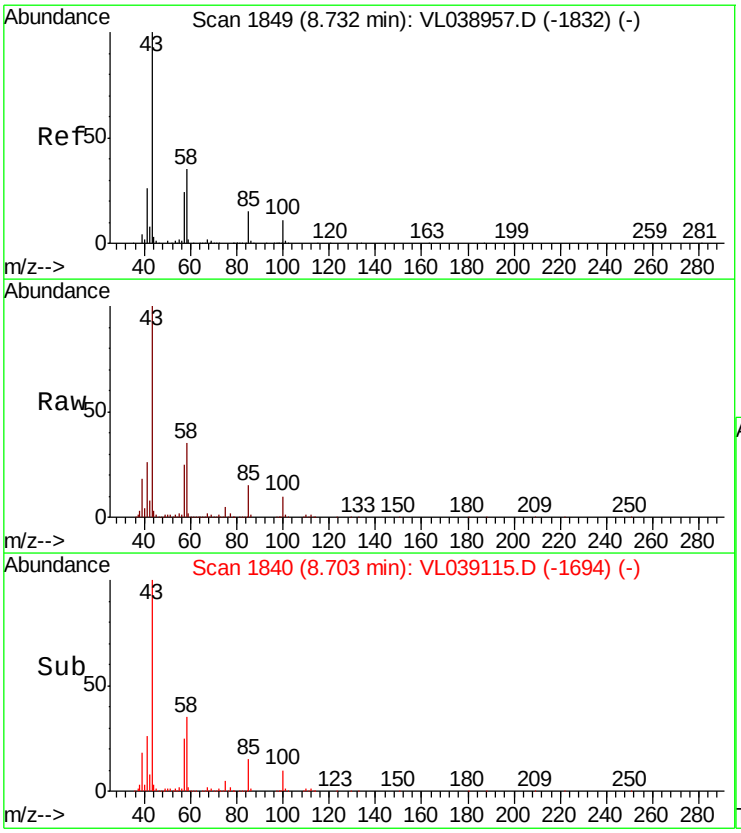
#49
Bromoform
Concen: 11.088 ppbv
RT: 13.00
Delta R.T
Lab File:
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 1347519

Ion	Ratio	Lower	Upper
173	100		
175	51.3	41.0	61.6
171	54.1	42.6	64.0

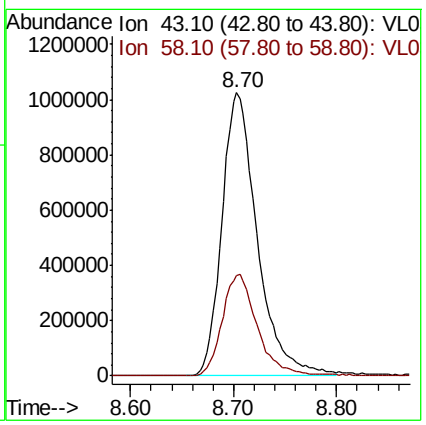


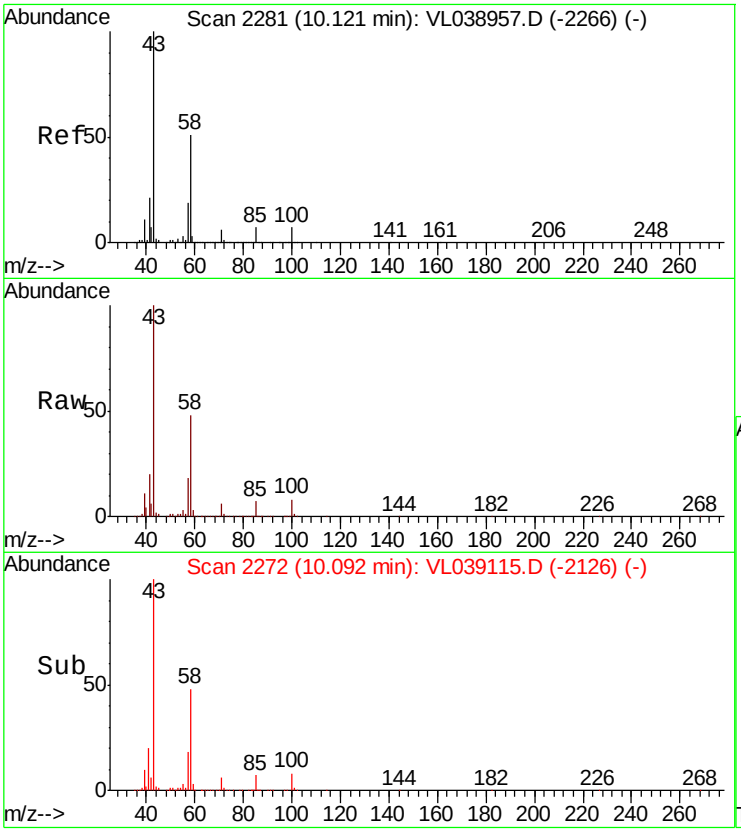


#50
4-Methyl-2-Pentanone
Concen: 9.658 ppbv
RT: 8.70 min Scan# 1840
Delta R.T. -0.03 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion: 43 Resp: 2442444

Ion	Ratio	Lower	Upper
43	100		
58	36.3	28.4	42.6



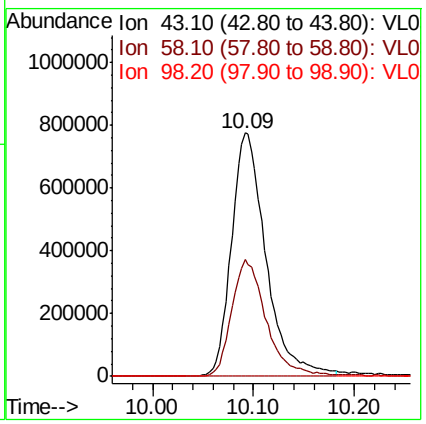


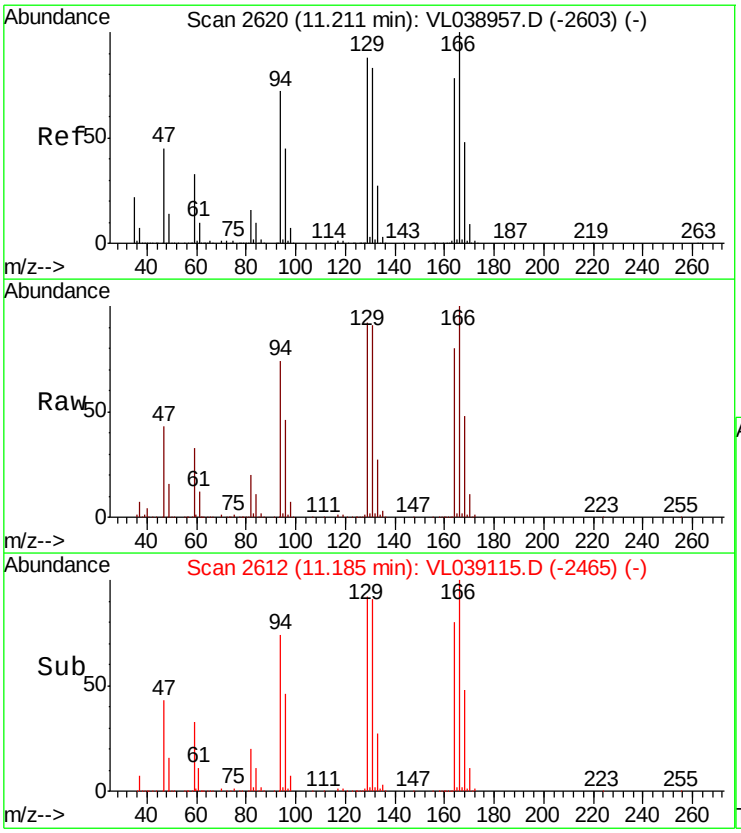
#51
2-Hexanone
Concen: 9.973 ppbv
RT: 10.09
Delta R.T
Lab File:
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1840834

Ion	Ratio	Lower	Upper
43	100		
58	48.5	39.3	58.9
98	0.1	0.2	0.2#

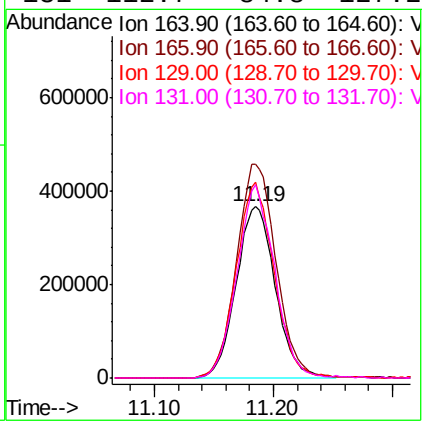


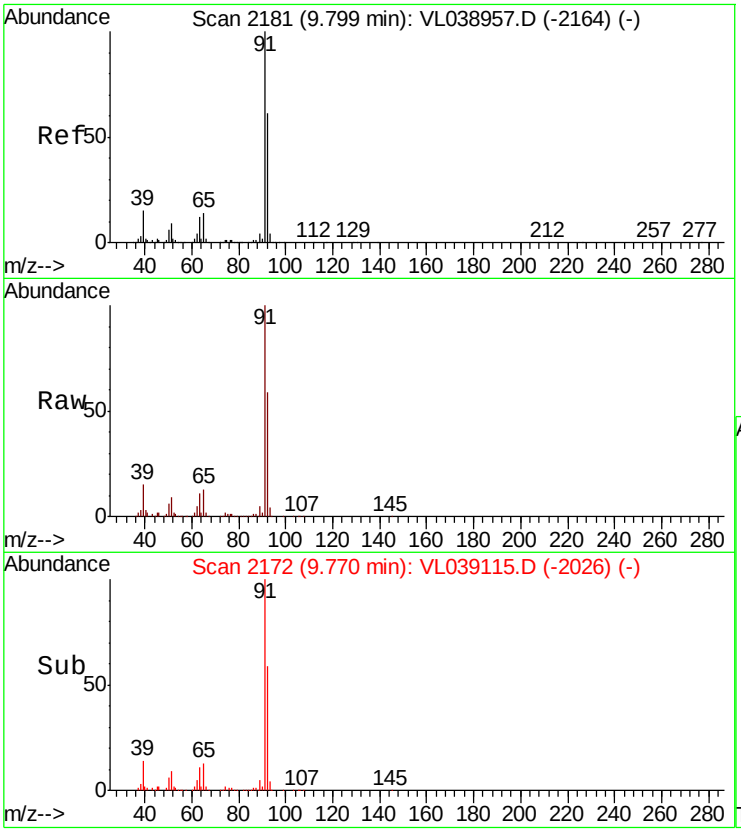


#52
Tetrachloroethene
Concen: 9.662 ppbv
RT: 11.19 min Scan# 2612
Delta R.T. -0.03 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion:164 Resp: 835294

Ion	Ratio	Lower	Upper
164	100		
166	124.5	102.5	153.7
129	114.4	90.1	135.1
131	112.7	84.8	127.2



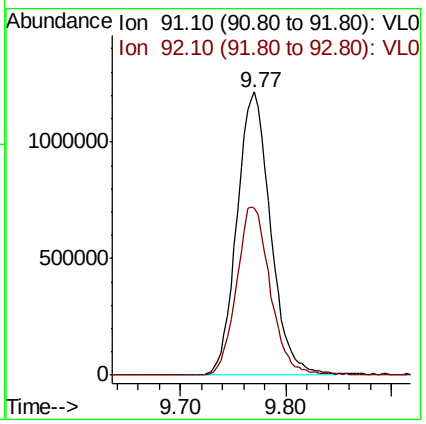


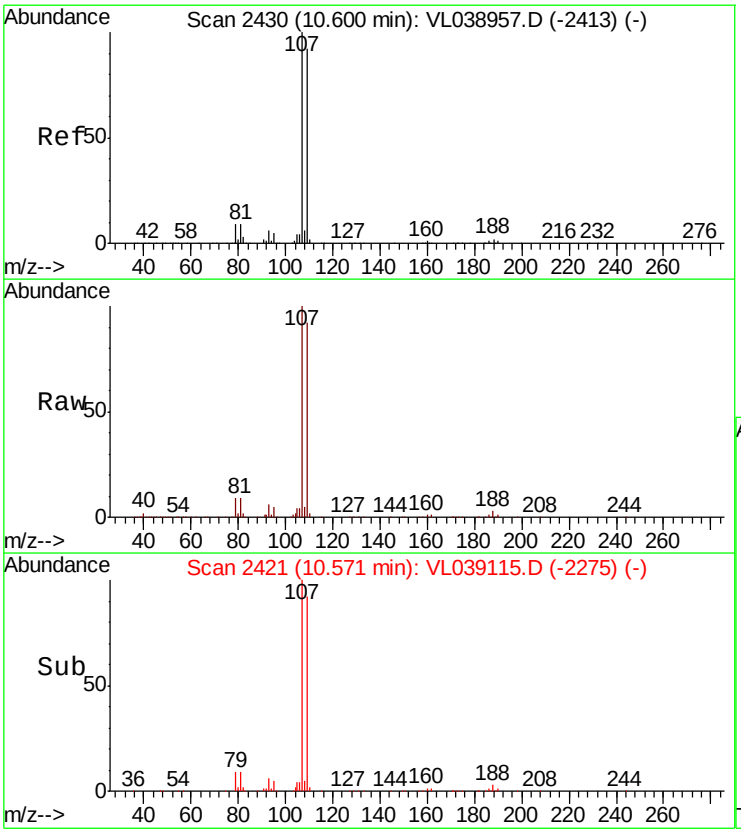
#53
Toluene
Concen: 9.925 ppbv
RT: 9.77
Delta R.T
Lab File:
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2691112

Ion	Ratio	Lower	Upper
91	100		
92	59.7	48.2	72.2

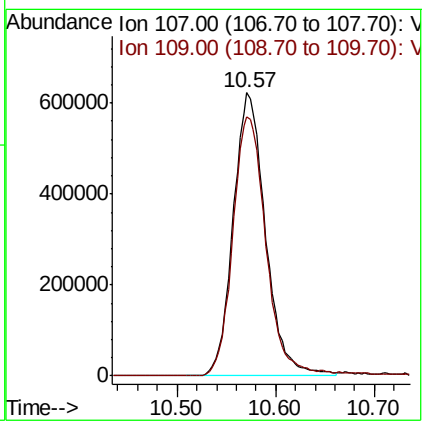


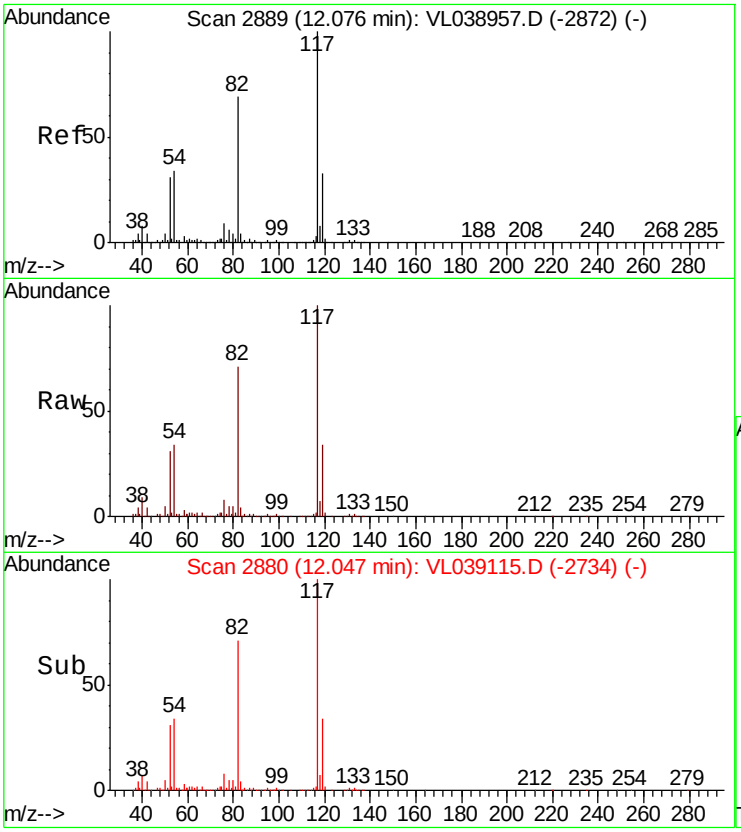


#54
1,2-Dibromoethane
Concen: 10.640 ppbv
RT: 10.57 min Scan# 2421
Delta R.T. -0.03 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion:107 Resp: 1418102

Ion	Ratio	Lower	Upper
107	100		
109	91.6	73.8	110.8



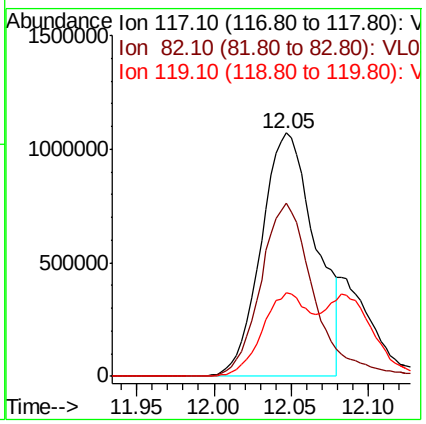


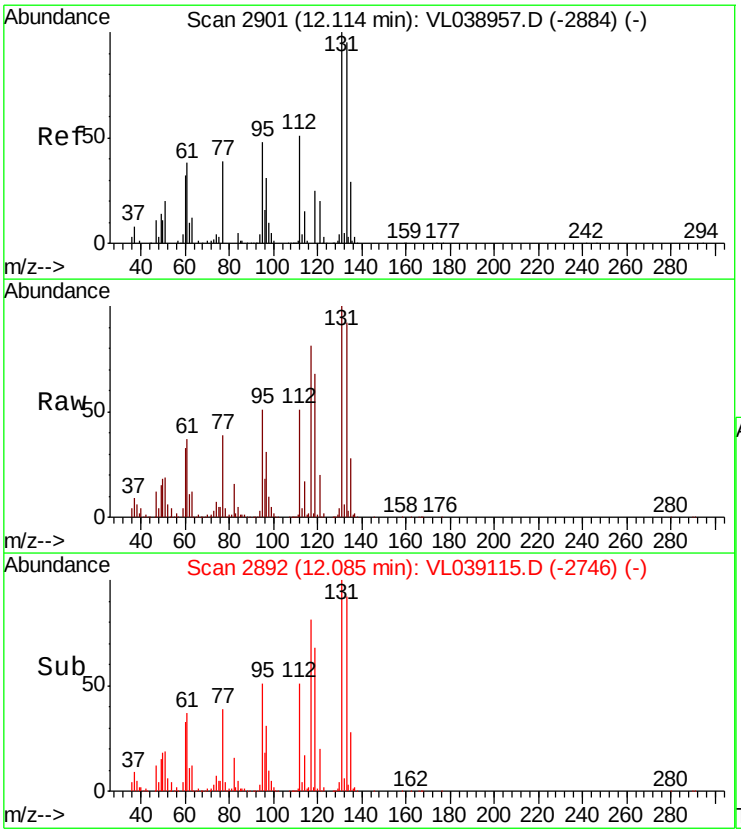
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05
Delta R.T
Lab File:
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 2614217

Ion	Ratio	Lower	Upper
117	100		
82	71.2	57.0	85.6
119	32.3	27.2	40.8

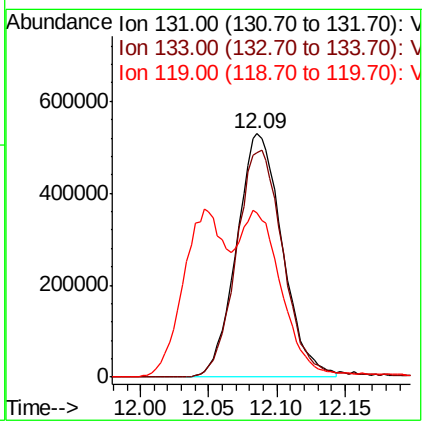


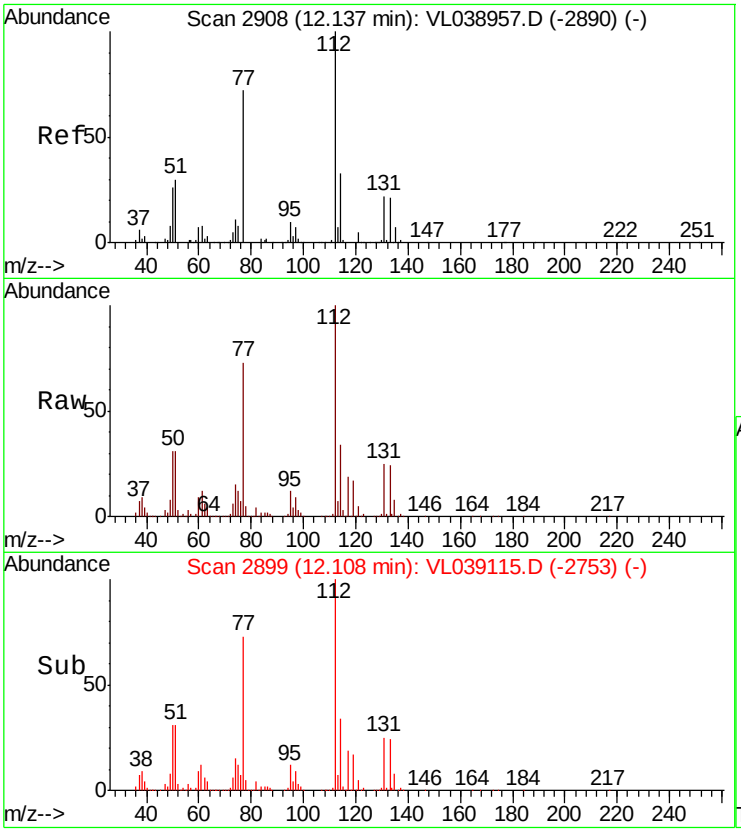


#56
1,1,1,2-Tetrachloroethane
Concen: 10.719 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.03 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion:131 Resp: 1229479

Ion	Ratio	Lower	Upper
131	100		
133	96.9	76.9	115.3
119	63.2	47.4	71.0



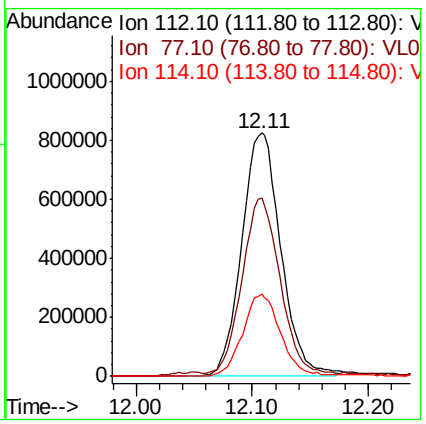


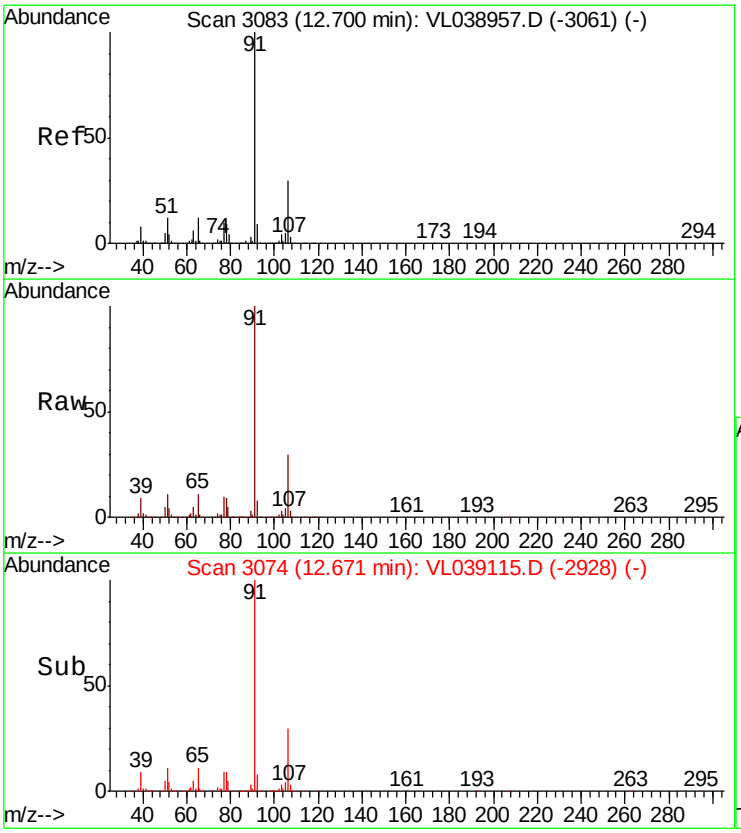
#57
Chlorobenzene
Concen: 9.873 ppbv
RT: 12.11
Delta R.T
Lab File:
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 1934687

Ion	Ratio	Lower	Upper
112	100		
77	72.1	57.7	86.5
114	33.5	30.1	36.7

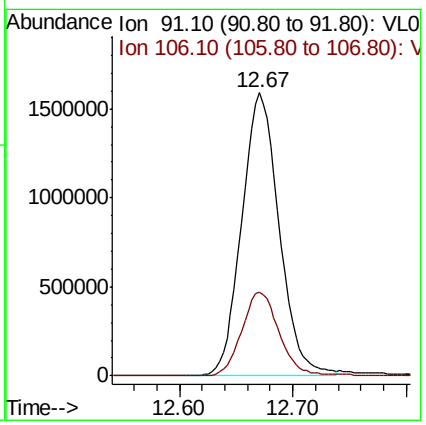


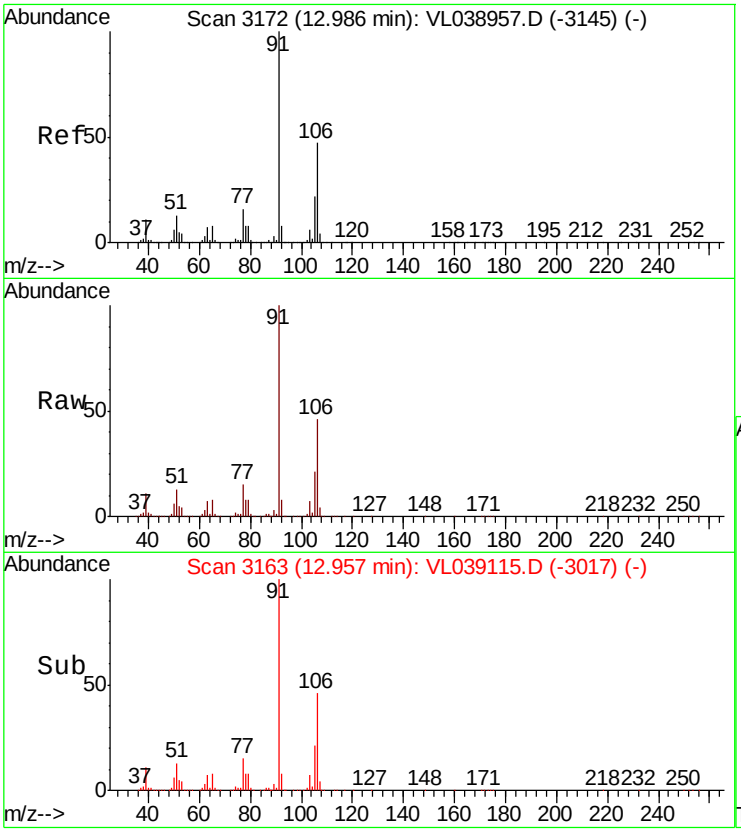


#58
Ethyl Benzene
Concen: 9.733 ppbv
RT: 12.67 min Scan# 3074
Delta R.T. -0.03 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion: 91 Resp: 3661654

Ion	Ratio	Lower	Upper
91	100		
106	29.7	24.2	36.4



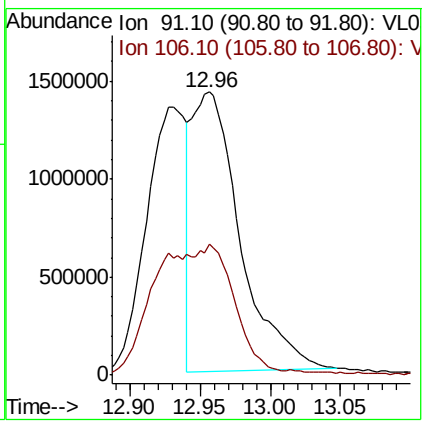


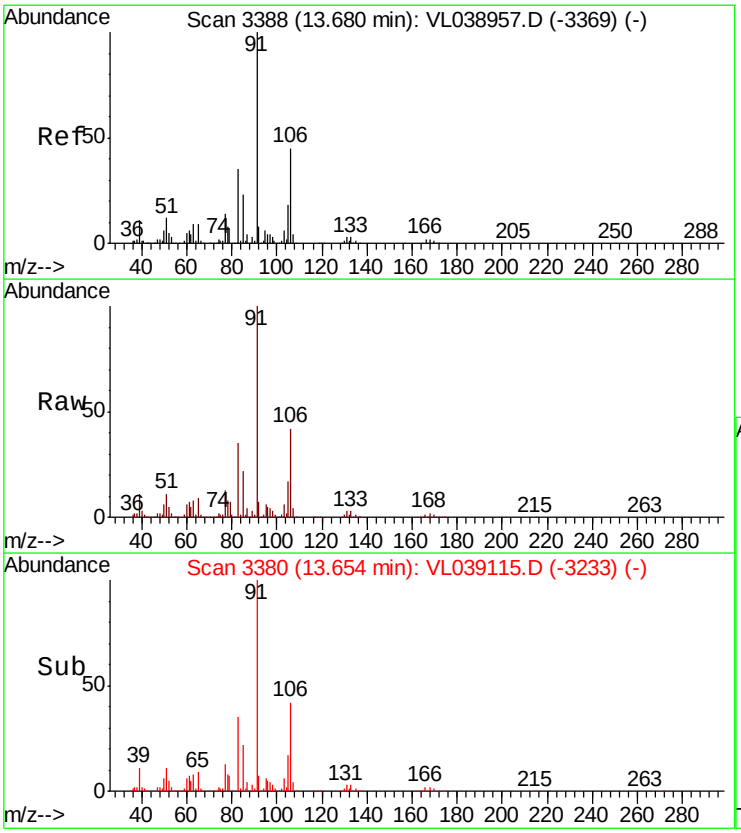
#59
m/p-Xylene
Concen: 10.510 ppbv
RT: 12.96
Delta R.T
Lab File:
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 3375417

Ion	Ratio	Lower	Upper
91	100		
106	79.8	34.6	52.0#

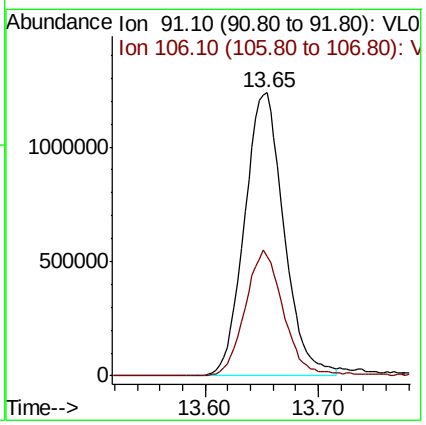


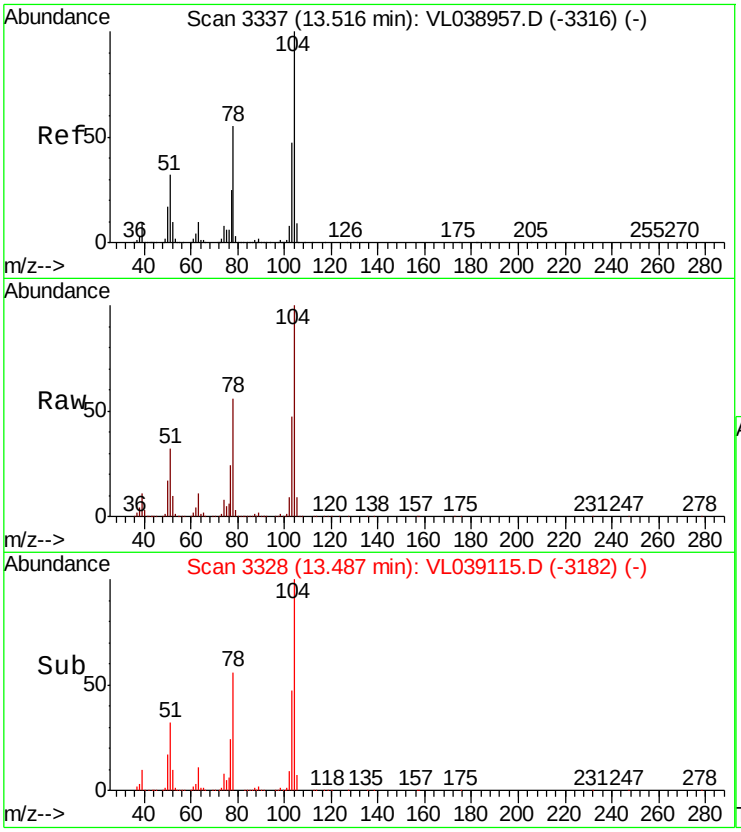


#60
o-Xylene
Concen: 9.885 ppbv
RT: 13.65 min Scan# 3380
Delta R.T. -0.03 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion: 91 Resp: 2988218

Ion	Ratio	Lower	Upper
91	100		
106	43.6	22.2	66.6



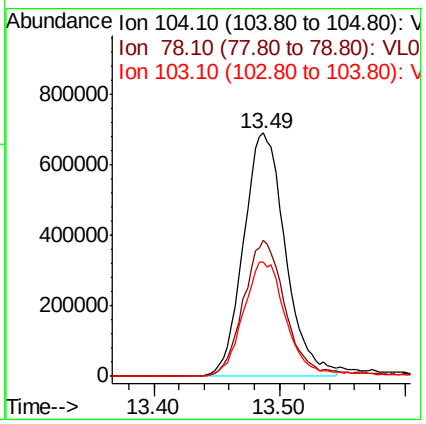


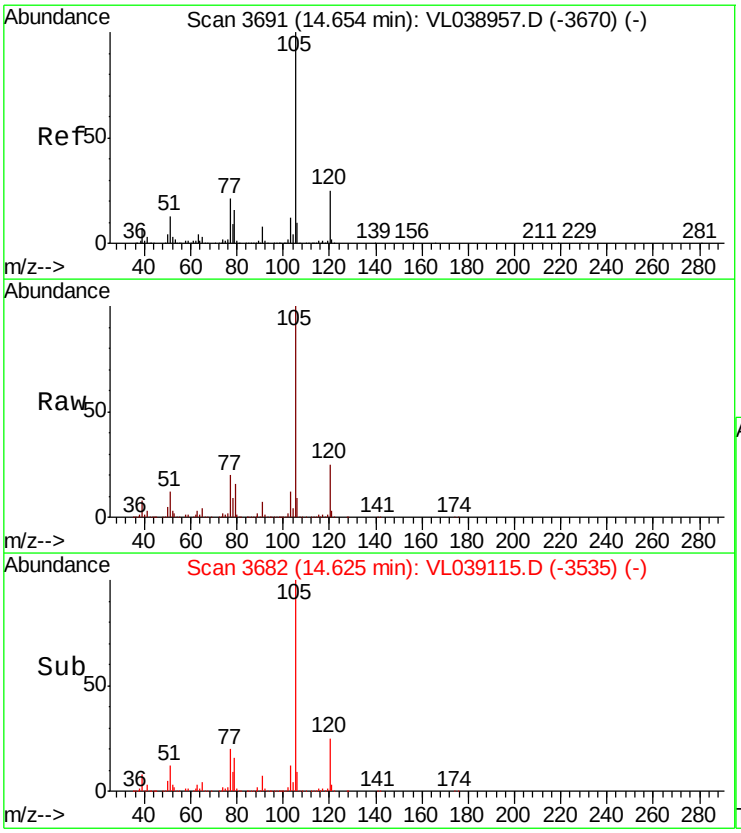
#61
Stvrene
Concen: 9.941 ppbv
RT: 13.49
Delta R.T
Lab File:
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 1604340

Ion	Ratio	Lower	Upper
104	100		
78	56.8	46.4	69.6
103	48.8	39.3	58.9

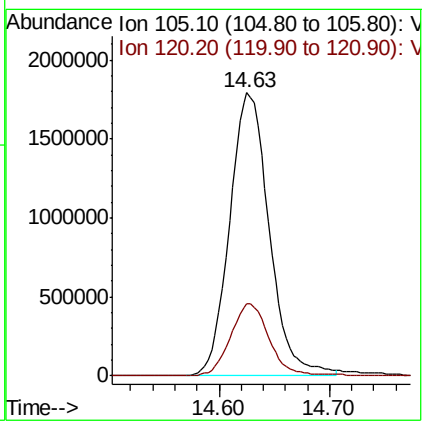


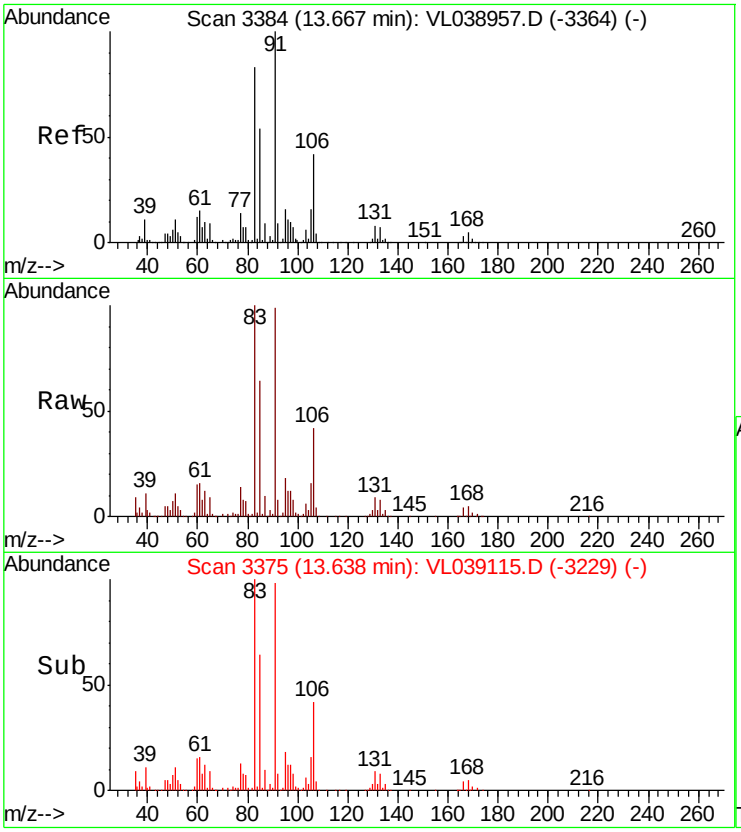


#62
Isopropylbenzene
Concen: 10.071 ppbv
RT: 14.63 min Scan# 3682
Delta R.T. -0.03 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion:105 Resp: 4452122

Ion	Ratio	Lower	Upper
105	100		
120	25.4	20.5	30.7



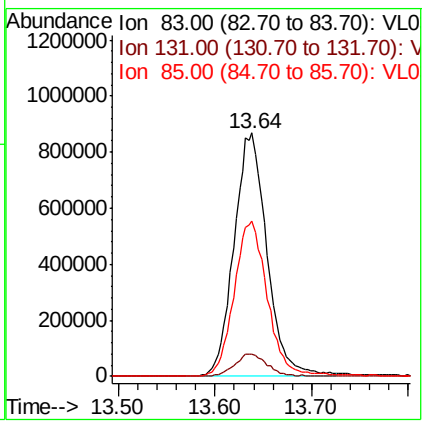


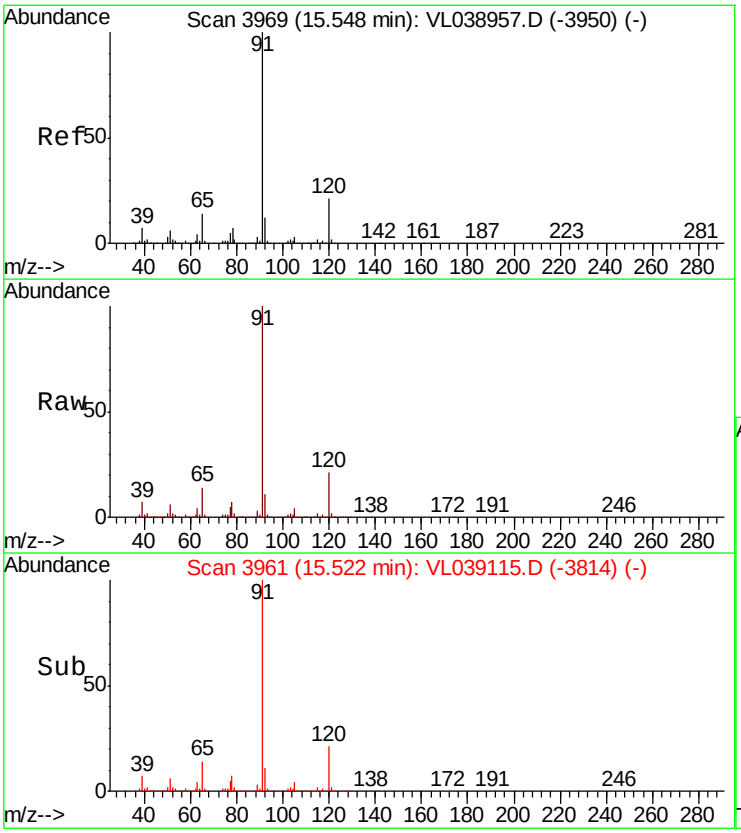
#63
1,1,2,2-Tetrachloroethane
Concen: 11.534 ppbv
RT: 13.64
Delta R.T
Lab File:
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 2053069

Ion	Ratio	Lower	Upper
83	100		
131	9.1	4.5	13.7
85	65.3	32.8	98.3

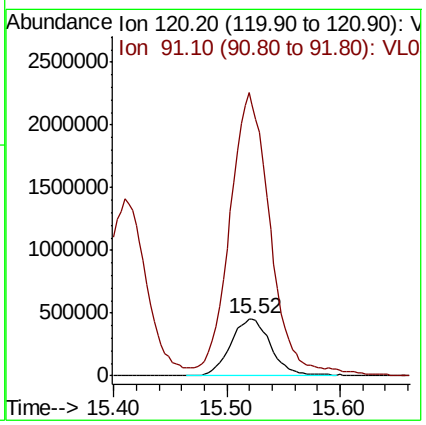


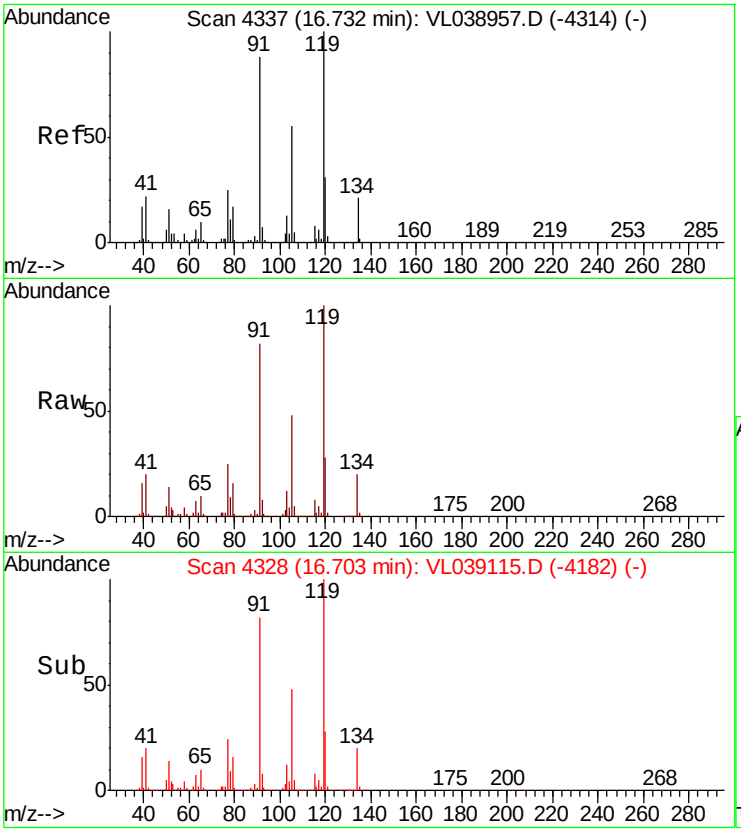


#64
n-propylbenzene
Concen: 10.547 ppbv
RT: 15.52 min Scan# 3961
Delta R.T. -0.03 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion:120 Resp: 1127234

Ion	Ratio	Lower	Upper
120	100		
91	502.5	400.6	601.0



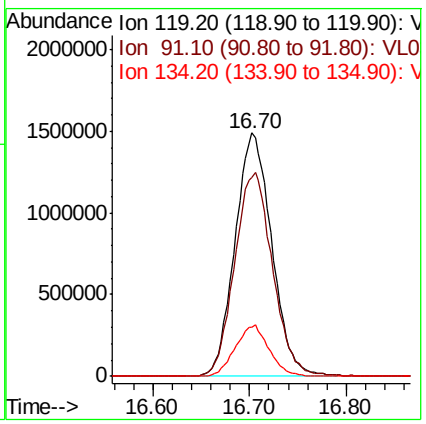


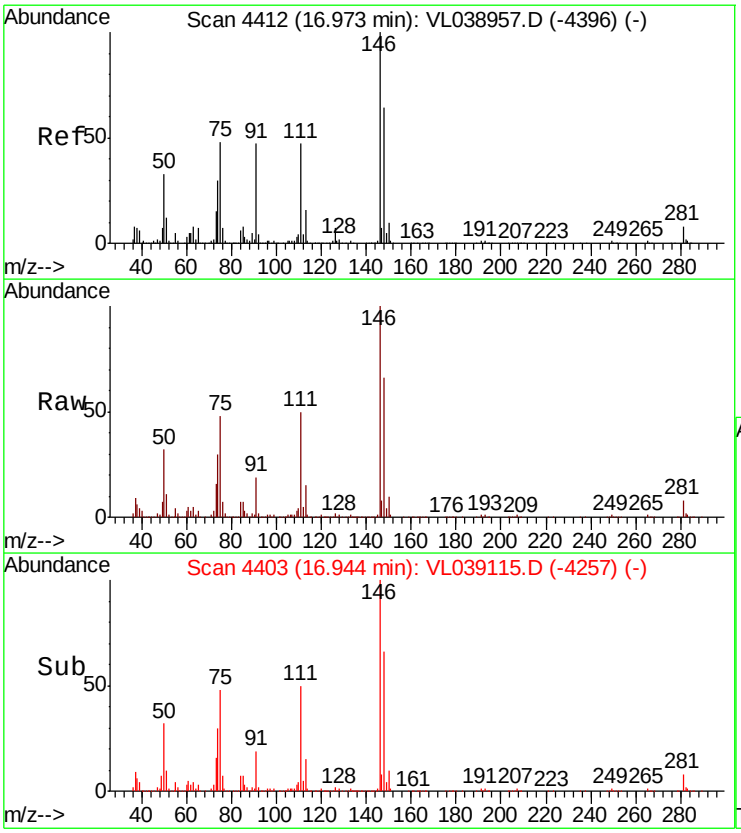
#65
tert-Butylbenzene
Concen: 10.142 ppbv
RT: 16.70
Delta R.T
Lab File:
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 3928358

Ion	Ratio	Lower	Upper
119	100		
91	86.4	69.4	104.2
134	19.5	15.8	23.8

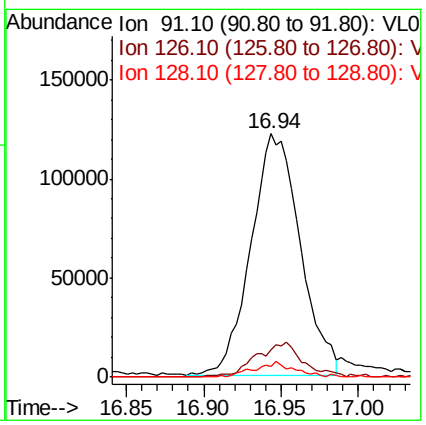


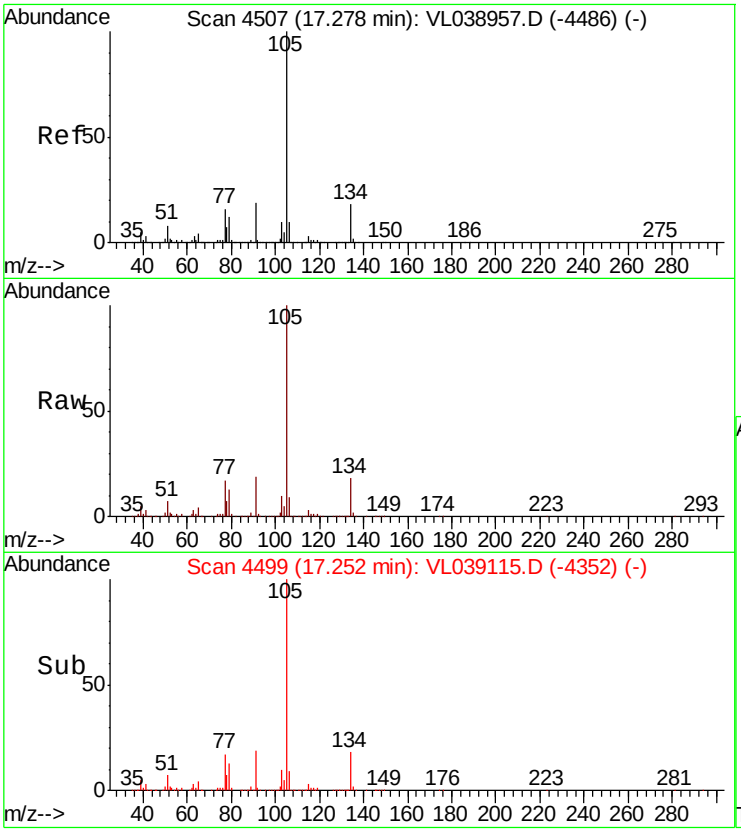


#66
Benzyl Chloride
Concen: 5.321 ppbv
RT: 16.94 min Scan# 4403
Delta R.T. -0.03 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion: 91 Resp: 269414

Ion	Ratio	Lower	Upper
91	100		
126	14.6	11.8	17.6
128	5.5	4.2	6.2



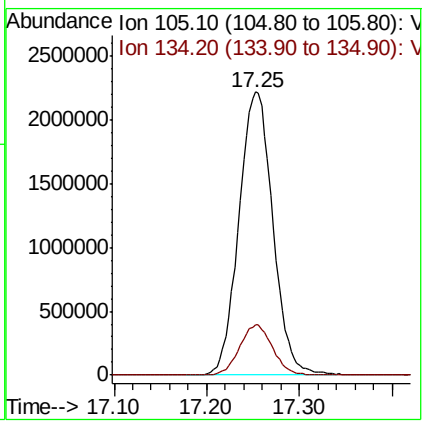


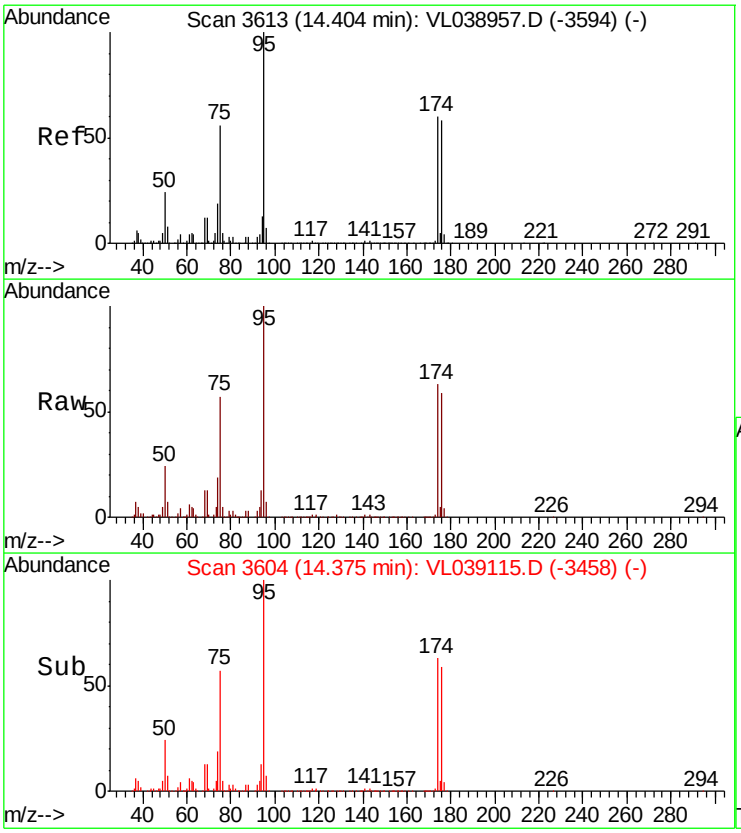
#67
sec-Butylbenzene
Concen: 10.159 ppbv
RT: 17.25
Delta R.T
Lab File:
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 5621367

Ion	Ratio	Lower	Upper
105	100		
134	17.4	14.2	21.4

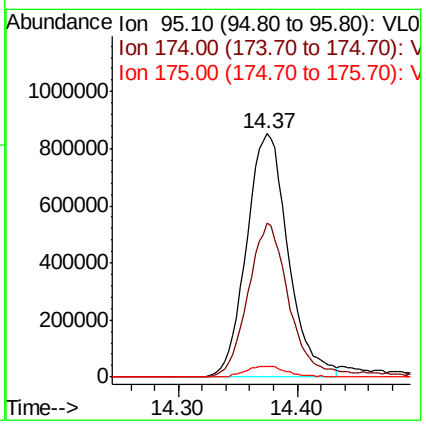


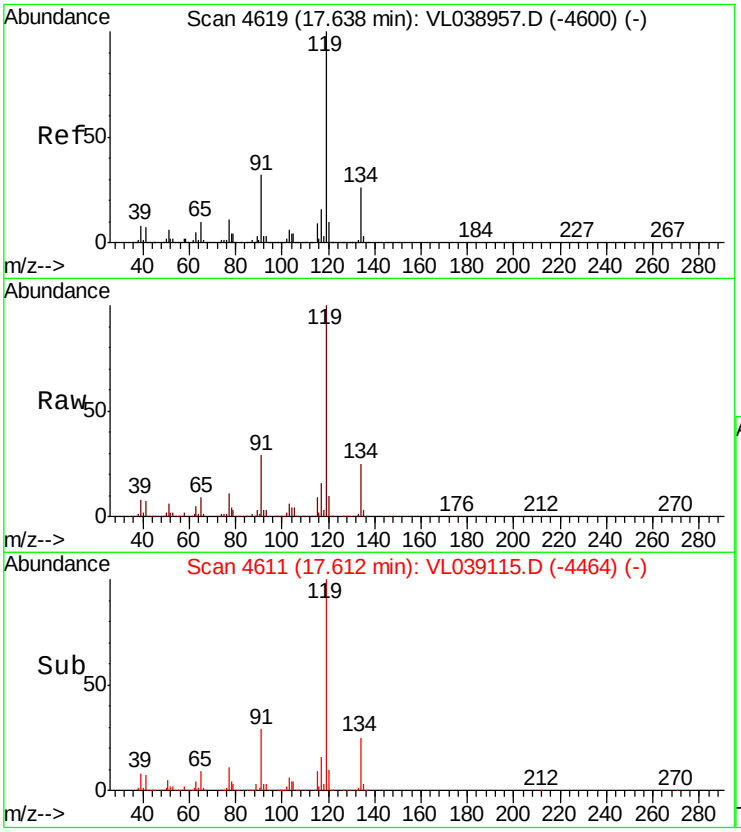


#68
1-Bromo-4-Fluorobenzene
Concen: 9.981 ppbv
RT: 14.37 min Scan# 3604
Delta R.T. -0.03 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion: 95 Resp: 2066344

Ion	Ratio	Lower	Upper
95	100		
174	64.5	50.8	76.2
175	4.8	3.8	5.6



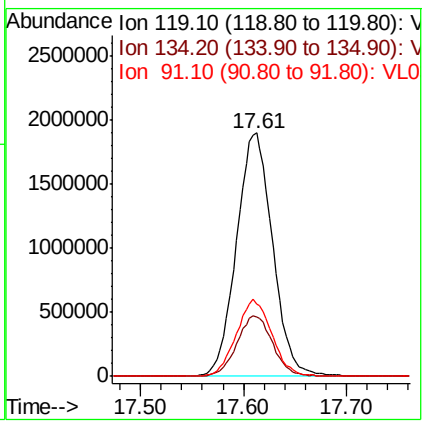


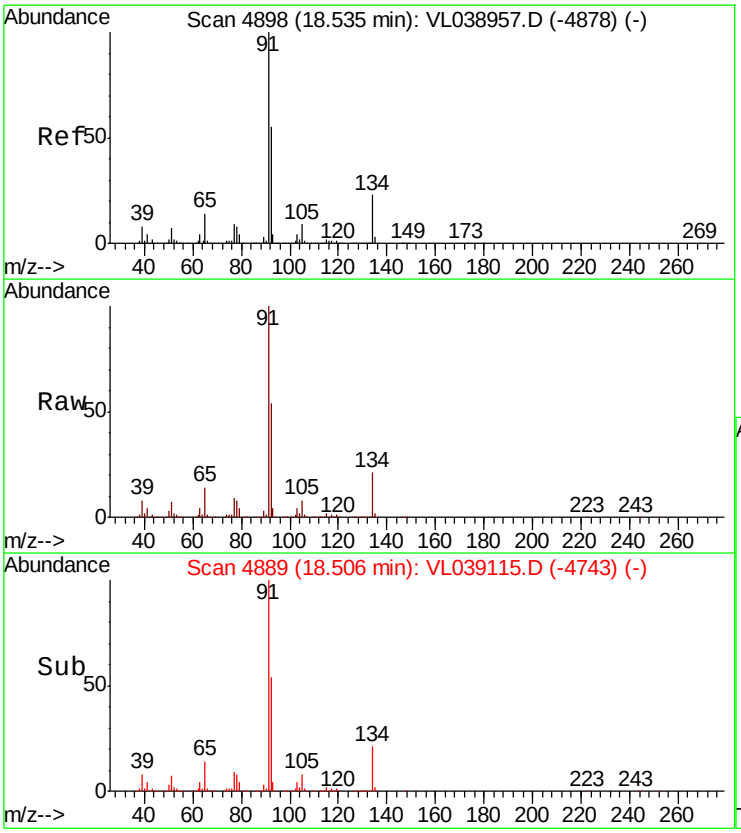
#69
p-Isopropyltoluene
Concen: 10.353 ppbv
RT: 17.61
Delta R.T
Lab File:
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 4628551

Ion	Ratio	Lower	Upper
119	100		
134	24.7	20.0	30.0
91	30.9	24.8	37.2

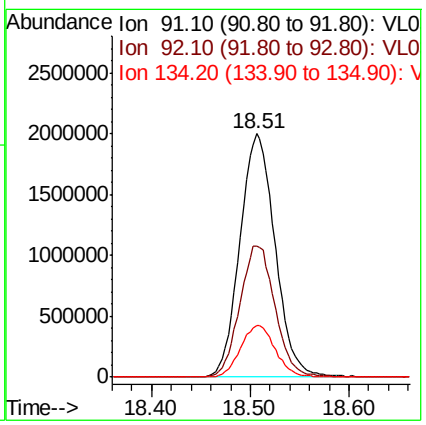


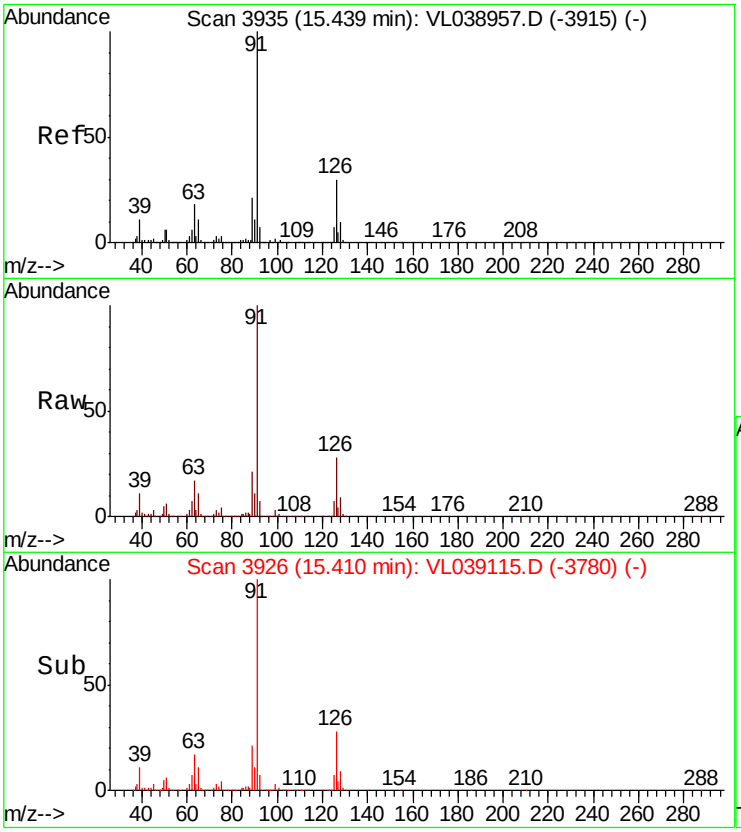


#70
n-Butylbenzene
Concen: 10.384 ppbv
RT: 18.51 min Scan# 4889
Delta R.T. -0.03 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion: 91 Resp: 4931956

Ion	Ratio	Lower	Upper
91	100		
92	54.2	43.1	64.7
134	21.2	17.0	25.4



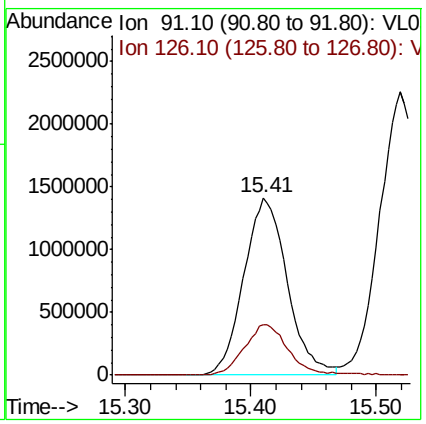


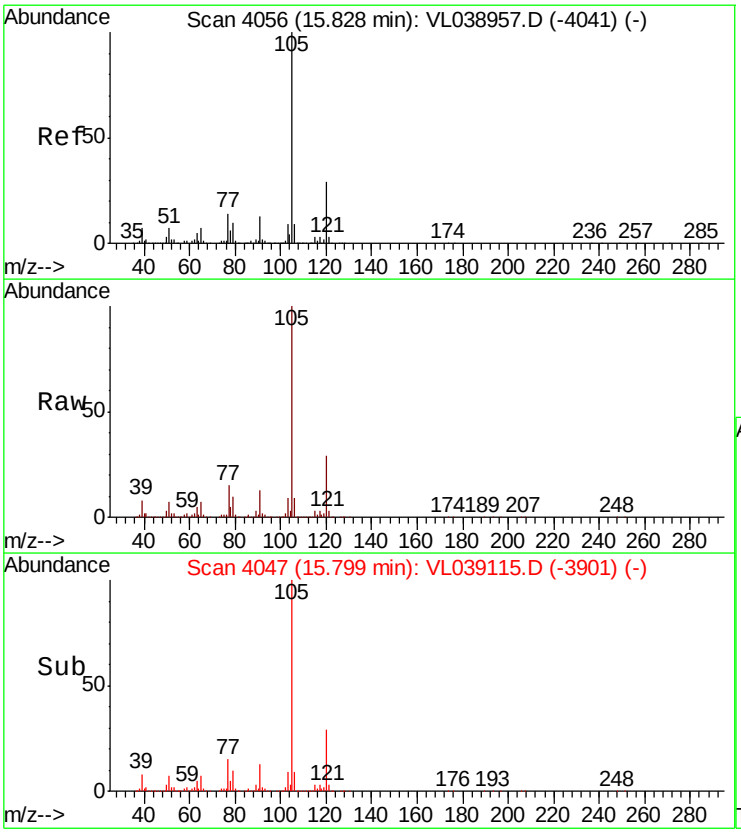
#71
2-Chlorotoluene
Concen: 10.008 ppbv
RT: 15.41
Delta R.T
Lab File:
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 3410533

Ion	Ratio	Lower	Upper
91	100		
126	29.6	11.9	47.5

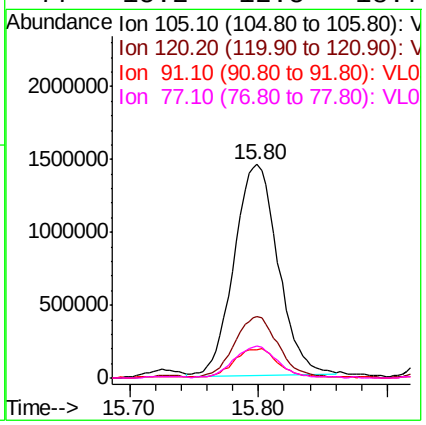


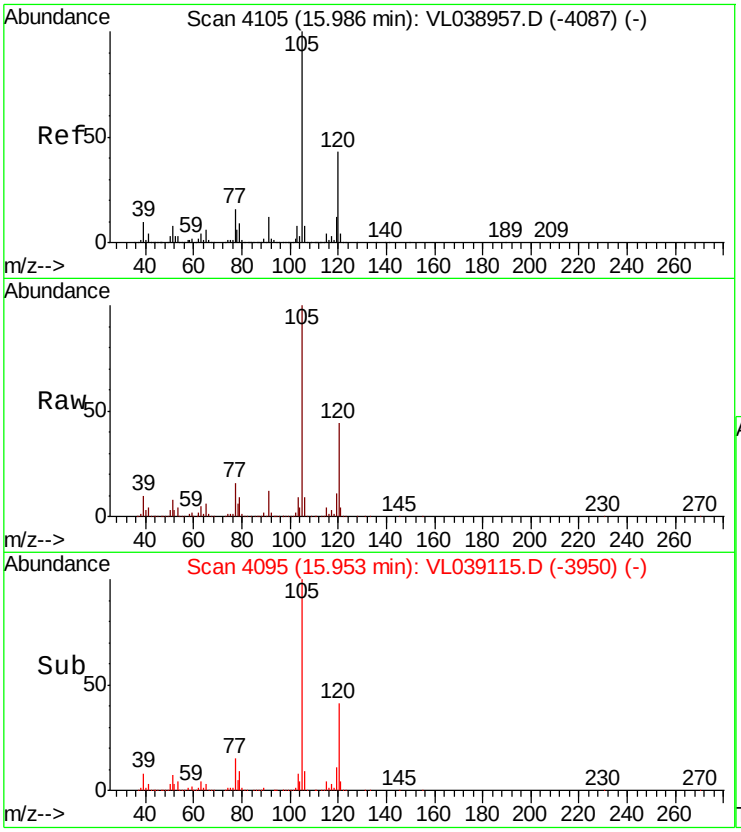


#72
4-Ethyltoluene
Concen: 9.943 ppbv
RT: 15.80 min Scan# 4047
Delta R.T. -0.03 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion:105 Resp: 3425007

Ion	Ratio	Lower	Upper
105	100		
120	29.8	23.4	35.0
91	13.8	10.6	16.0
77	15.2	12.5	18.7



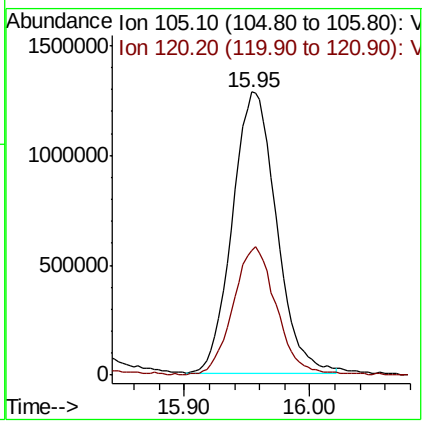


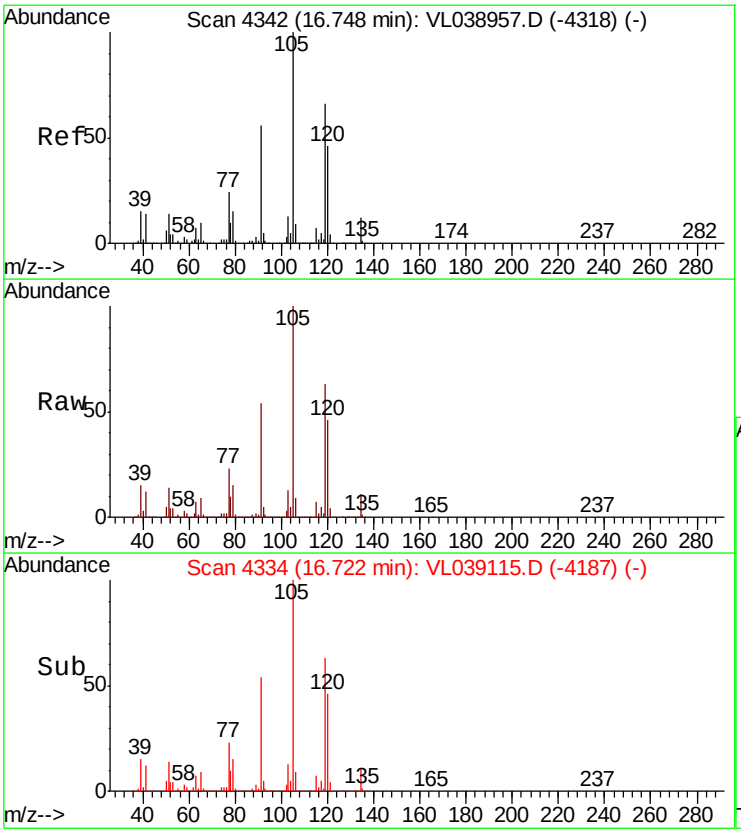
#73
1,3,5-Trimethylbenzene
Concen: 10.046 ppbv
RT: 15.95
Delta R.T
Lab File:
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 3115252

Ion	Ratio	Lower	Upper
105	100		
120	44.2	34.4	51.6

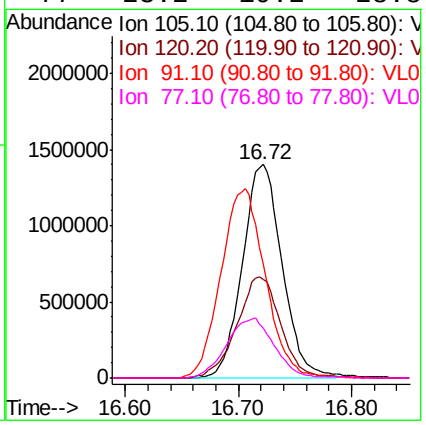


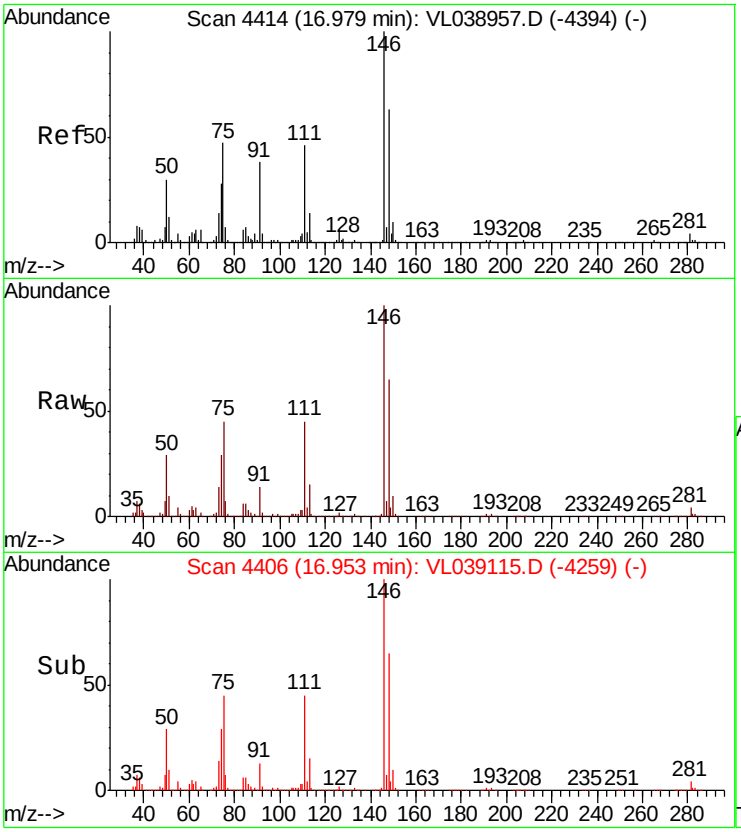


#74
1,2,4-Trimethylbenzene
Concen: 10.065 ppbv
RT: 16.72 min Scan# 4334
Delta R.T. -0.03 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion:105 Resp: 3417380

Ion	Ratio	Lower	Upper
105	100		
120	46.0	36.9	55.3
91	52.8	45.0	67.4
77	23.2	19.2	28.8



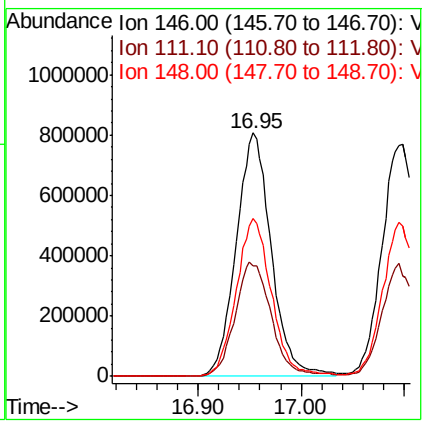


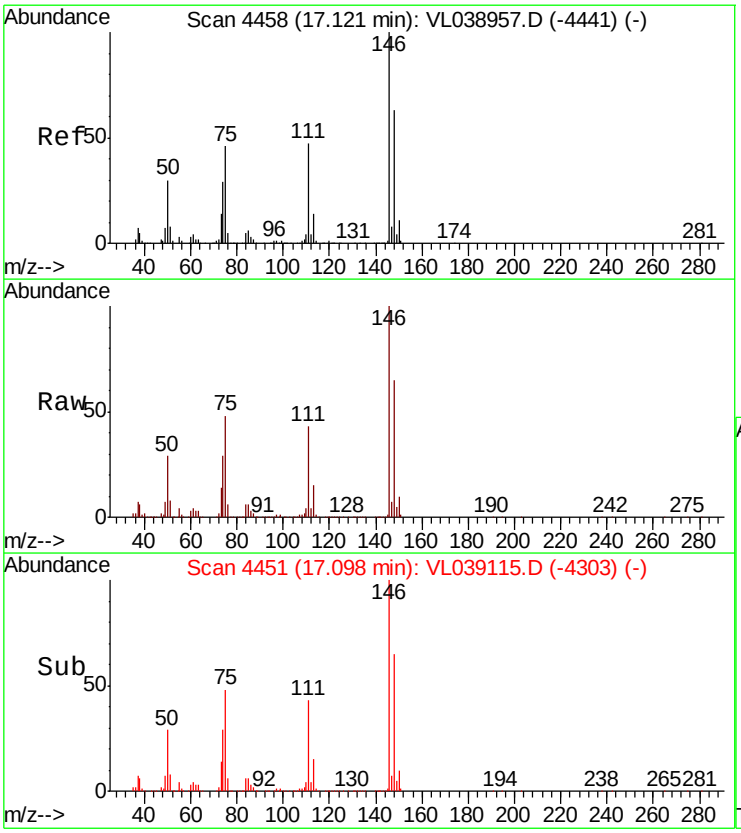
#75
1,3-Dichlorobenzene
Concen: 10.257 ppbv
RT: 16.95
Delta R.T
Lab File:
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1908238

Ion	Ratio	Lower	Upper
146	100		
111	48.4	24.1	72.2
148	65.0	32.4	97.2

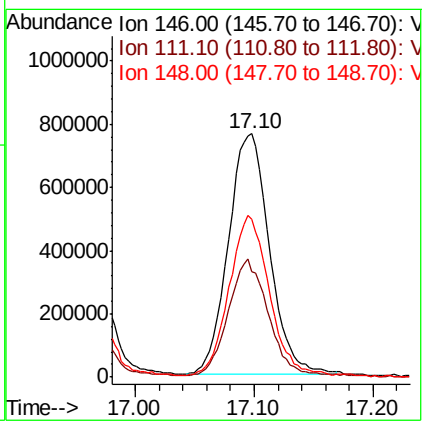


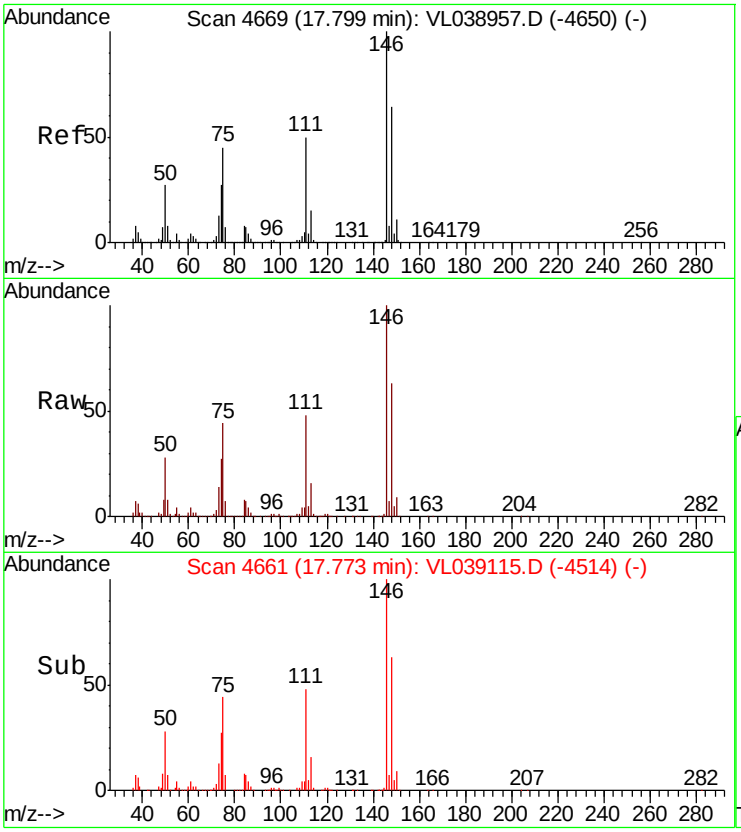


#76
1,4-Dichlorobenzene
Concen: 9.952 ppbv
RT: 17.10 min Scan# 4451
Delta R.T. -0.02 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion:146 Resp: 1821455

Ion	Ratio	Lower	Upper
146	100		
111	48.5	23.6	71.0
148	66.9	32.2	96.6



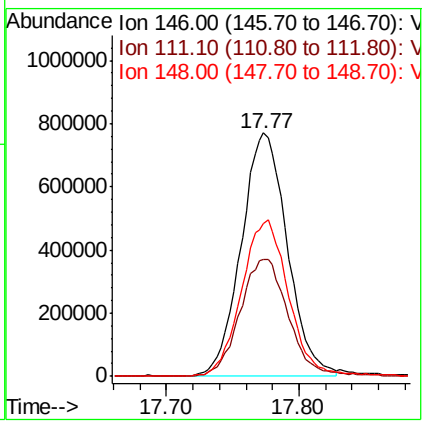


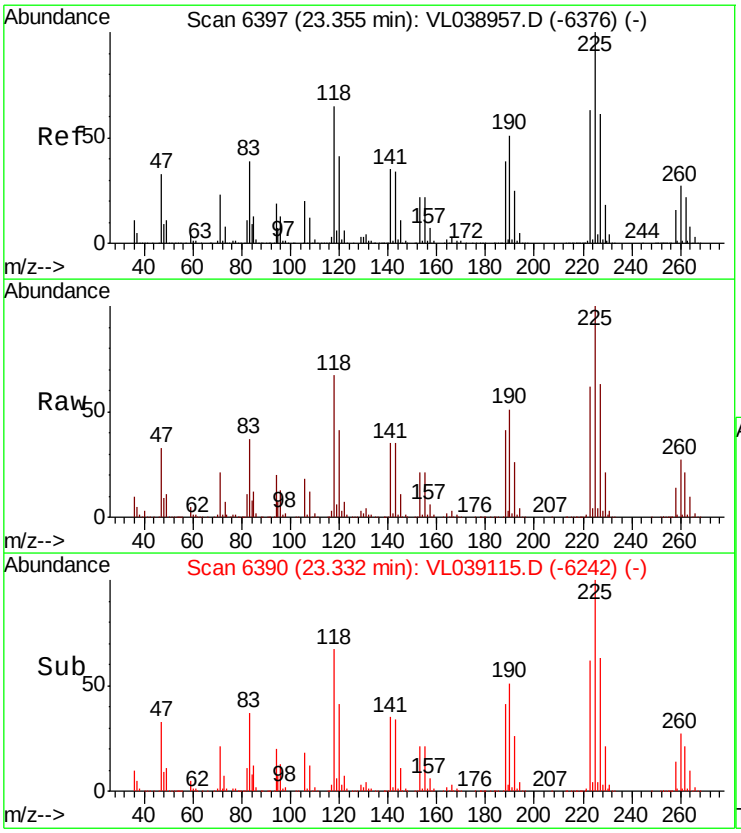
#77
1,2-Dichlorobenzene
Concen: 10.058 ppbv
RT: 17.77
Delta R.T
Lab File:
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1850596

Ion	Ratio	Lower	Upper
146	100		
111	50.7	25.3	75.9
148	65.8	32.3	96.9

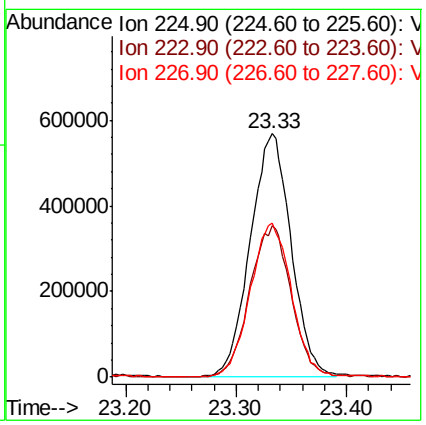


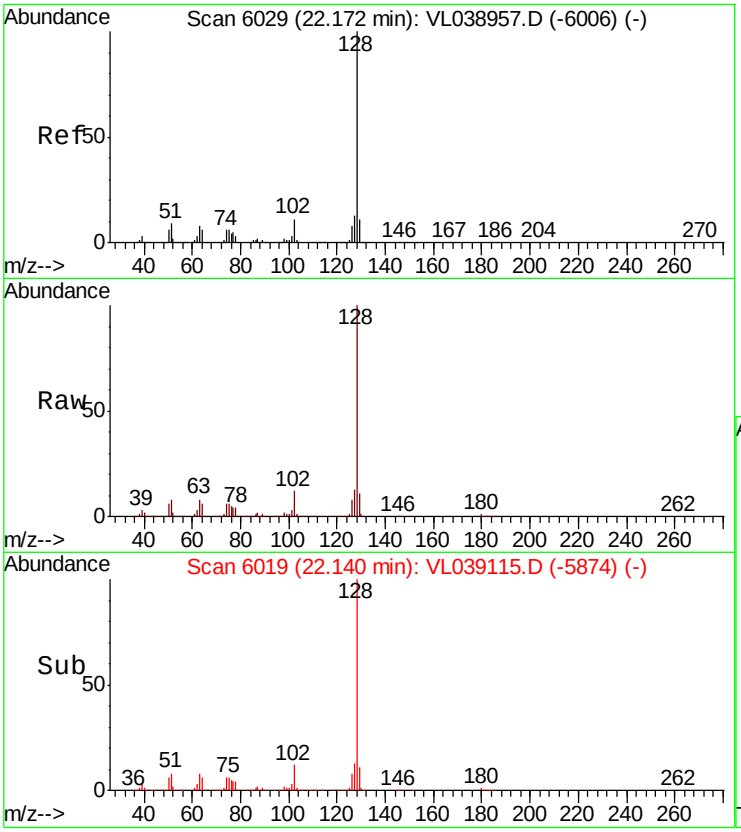


#78
Hexachloro-1,3-Butadiene
Concen: 8.626 ppbv
RT: 23.33 min Scan# 6390
Delta R.T. -0.02 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion:225 Resp: 1458660

Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.4	77.0
227	64.9	51.4	77.0



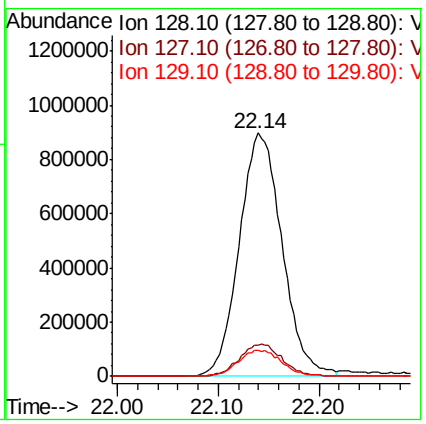


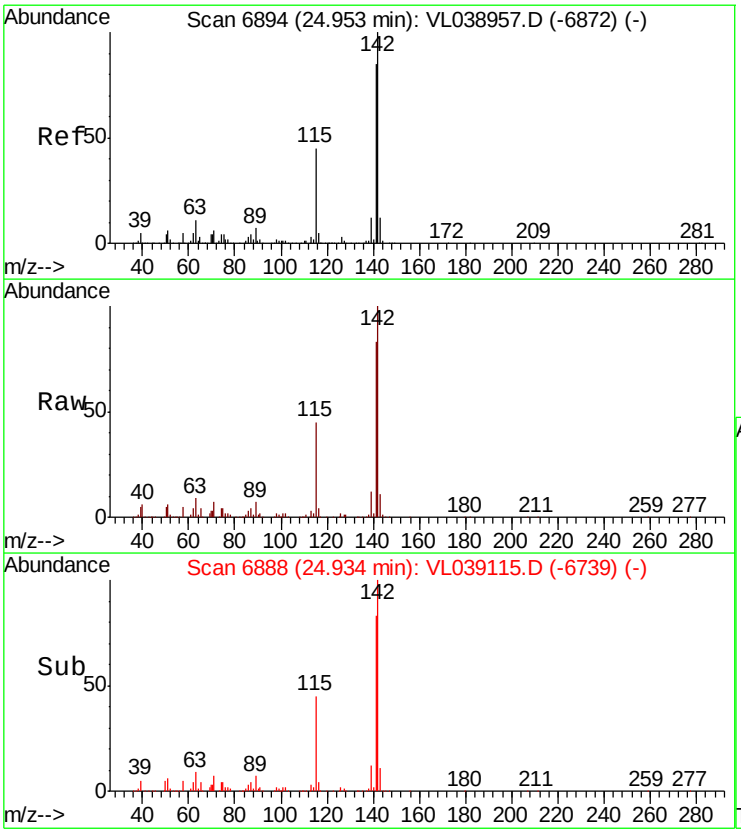
#79
Naphthalene
Concen: 9.556 ppbv
RT: 22.14
Delta R.T
Lab File:
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:128 Resp: 2635804

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.7	8.9	13.3

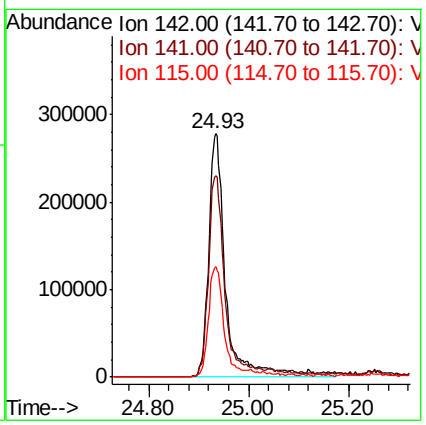


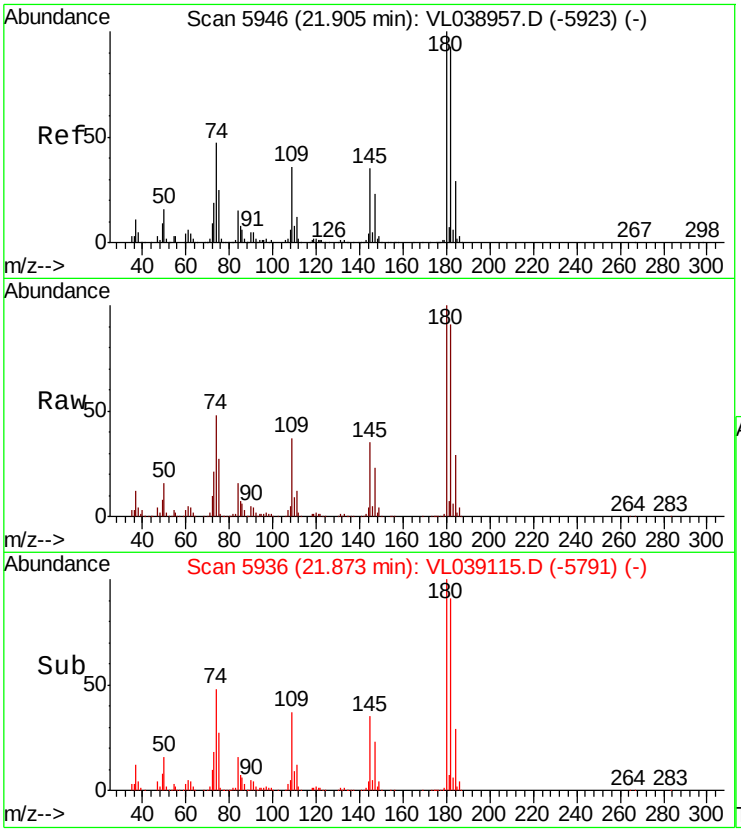


#80
Naphthalene,2-methyl-
Concen: 8.048 ppbv
RT: 24.93 min Scan# 6888
Delta R.T. -0.02 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion:142 Resp: 671479

Ion	Ratio	Lower	Upper
142	100		
141	83.4	70.8	106.2
115	45.3	35.1	52.7





#81
1,2,4-Trichlorobenzene
Concen: 9.072 ppbv
RT: 21.87
Delta R.T
Lab File:
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:180 Resp: 1466263

Ion	Ratio	Lower	Upper
180	100		
182	99.3	78.4	117.6
184	31.6	24.4	36.6