Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050922\
Data File : VL038988.D
Acq On : 9 May 2022 14:17
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: May 18 09:11:17 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	1103319	10.00	ppbv		-0.01
33) 1,4-Difluorobenzene	7.16	114	2527596	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.06	117	2502564	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.39	95	2014900	10.17	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	1571116	9.088	ppbv		97
3) Chlorodifluoromethane	2.98	51	1368951	9.999	ppbv		98
4) Chloromethane	3.13	50	663718	9.681	ppbv		97
5) Vinyl Chloride	3.25	62	655490	10.470	ppbv		97
6) Bromomethane	3.47	94	334721	11.317	ppbv		97
7) Chloroethane	3.55	64	233501	11.143	ppbv		99
8) Dichlorotetrafluoroethane	3.18	85	1668970	10.652	ppbv		98
9) Propene	3.01	41	544867	9.113	ppbv		96
10) Heptane	8.10	43	1405726	9.584	ppbv		100
11) Trichlorofluoromethane	3.94	101	1653257	11.146	ppbv		98
12) 1,1,2-Trichlorotrifluoroet	4.47	101	1173352	11.484	ppbv		99
13) Ethanol	3.60	45	20441	4.831	ppbv	#	41
14) Bromoethene	3.73	108	487313	11.566	ppbv		96
15) Acetone	3.84	43	1145739	11.009	ppbv		99
16) 1,3-Butadiene	3.32	39	631233	10.557	ppbv		99
17) tert-Butyl alcohol	4.27	59	921687	11.522	ppbv		99
18) 1,1-Dichloroethene	4.28	96	511866	11.640	ppbv		97
19) Isopropyl Alcohol	3.95	45	553815	11.192	ppbv	#	96
20) Methylene Chloride	4.33	84	432361	11.022	ppbv		95
21) Allyl Chloride	4.40	41	808481	11.400	ppbv		97
22) trans-1,2-Dichloroethene	4.87	96	545555	11.485	ppbv		96
23) Vinyl Acetate	5.06	43	985437	11.967	ppbv	#	97
24) 1,1-Dichloroethane	5.00	63	1079185	11.381	ppbv		99
25) Ethyl Acetate	5.66	43	2557278	10.266	ppbv		99
26) Hexane	5.67	57	1083242	9.787	ppbv		99
27) Carbon Disulfide	4.54	76	1322742	12.581	ppbv		99
28) Methyl tert-Butyl Ether	5.02	73	941334	11.178	ppbv		99
29) Chloroform	5.74	83	1866217	10.422	ppbv		100
30) Cyclohexane	7.11	84	859591	9.276	ppbv		98
31) cis-1,2-Dichloroethene	5.53	61	1160757	10.294	ppbv		99
32) 1,1,1-Trichloroethane	6.49	97	1908779	10.661	ppbv		99
34) 2-Butanone	5.23	43	1275404	9.891	ppbv		100
35) Carbon Tetrachloride	7.00	117	1992981	11.967	ppbv		98
36) Benzene	6.87	78	2133099	9.861	ppbv		96
37) 1,2-Dichloroethane	6.29	62	1587126	11.859	ppbv		97
38) Trichloroethene	7.82	130	951020	9.890	ppbv		96
39) 1,2-Dichloropropane	7.59	63	855108	10.160	ppbv	#	88
40) 1,4-Dioxane	7.81	88	289500	9.577	ppbv		82
41) Tetrahydrofuran	6.03	42	893301	10.307	ppbv		98
42) Bromodichloromethane	7.77	83	2093910	11.444	ppbv		97
43) Methyl Methacrylate	7.99	69	919678	10.473	ppbv		97

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050922\
Data File : VL038988.D
Acq On : 9 May 2022 14:17
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: May 18 09:11:17 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	7.85	57	3740459	9.855	ppbv		98
45) t-1,3-Dichloropropene	9.26	75	1101563	12.959	ppbv		98
46) cis-1,3-Dichloropropene	8.68	75	1337814	11.868	ppbv		96
47) 1,1,2-Trichloroethane	9.46	97	887335	10.137	ppbv		98
48) Dibromochloromethane	10.28	129	1662321	11.667	ppbv		100
49) Bromoform	13.01	173	1319802	12.146	ppbv		100
50) 4-Methyl-2-Pentanone	8.72	43	2425010	10.724	ppbv		99
51) 2-Hexanone	10.10	43	1928513	11.686	ppbv	#	98
52) Tetrachloroethene	11.20	164	753266	9.745	ppbv		96
53) Toluene	9.78	91	2499288	10.309	ppbv		99
54) 1,2-Dibromoethane	10.59	107	1280985	10.749	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.10	131	1121399	10.213	ppbv		98
57) Chlorobenzene	12.12	112	1803917	9.616	ppbv		99
58) Ethyl Benzene	12.68	91	3441562	9.556	ppbv		98
59) m/p-Xylene	12.97	91	3416647	11.113	ppbv	#	51
60) o-Xylene	13.67	91	2887095	9.977	ppbv		98
61) Styrene	13.50	104	1603470	10.379	ppbv		98
62) Isopropylbenzene	14.64	105	4098103	9.684	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.65	83	1621152	9.514	ppbv		98
64) n-propylbenzene	15.54	120	1017975	9.950	ppbv		94
65) tert-Butylbenzene	16.72	119	3651499	9.848	ppbv		98
66) Benzyl Chloride	16.96	91	662869	13.677	ppbv		99
67) sec-Butylbenzene	17.27	105	5219621	9.853	ppbv		99
69) p-Isopropyltoluene	17.63	119	4308510	10.068	ppbv		98
70) n-Butylbenzene	18.52	91	4677093	10.287	ppbv		99
71) 2-Chlorotoluene	15.43	91	3209079	9.837	ppbv		99
72) 4-Ethyltoluene	15.81	105	3415175	10.357	ppbv		99
73) 1,3,5-Trimethylbenzene	15.97	105	3033681	10.219	ppbv		99
74) 1,2,4-Trimethylbenzene	16.73	105	3316755	10.204	ppbv		98
75) 1,3-Dichlorobenzene	16.97	146	1792064	10.062	ppbv		99
76) 1,4-Dichlorobenzene	17.11	146	1807529	10.317	ppbv		99
77) 1,2-Dichlorobenzene	17.79	146	1782400	10.119	ppbv		99
78) Hexachloro-1,3-Butadiene	23.35	225	1471480	9.090	ppbv		99
79) Naphthalene	22.16	128	3012445	11.409	ppbv		100
80) Naphthalene,2-methyl-	24.94	142	1057756	13.243	ppbv		98
81) 1,2,4-Trichlorobenzene	21.89	180	1595547	10.313	ppbv		99

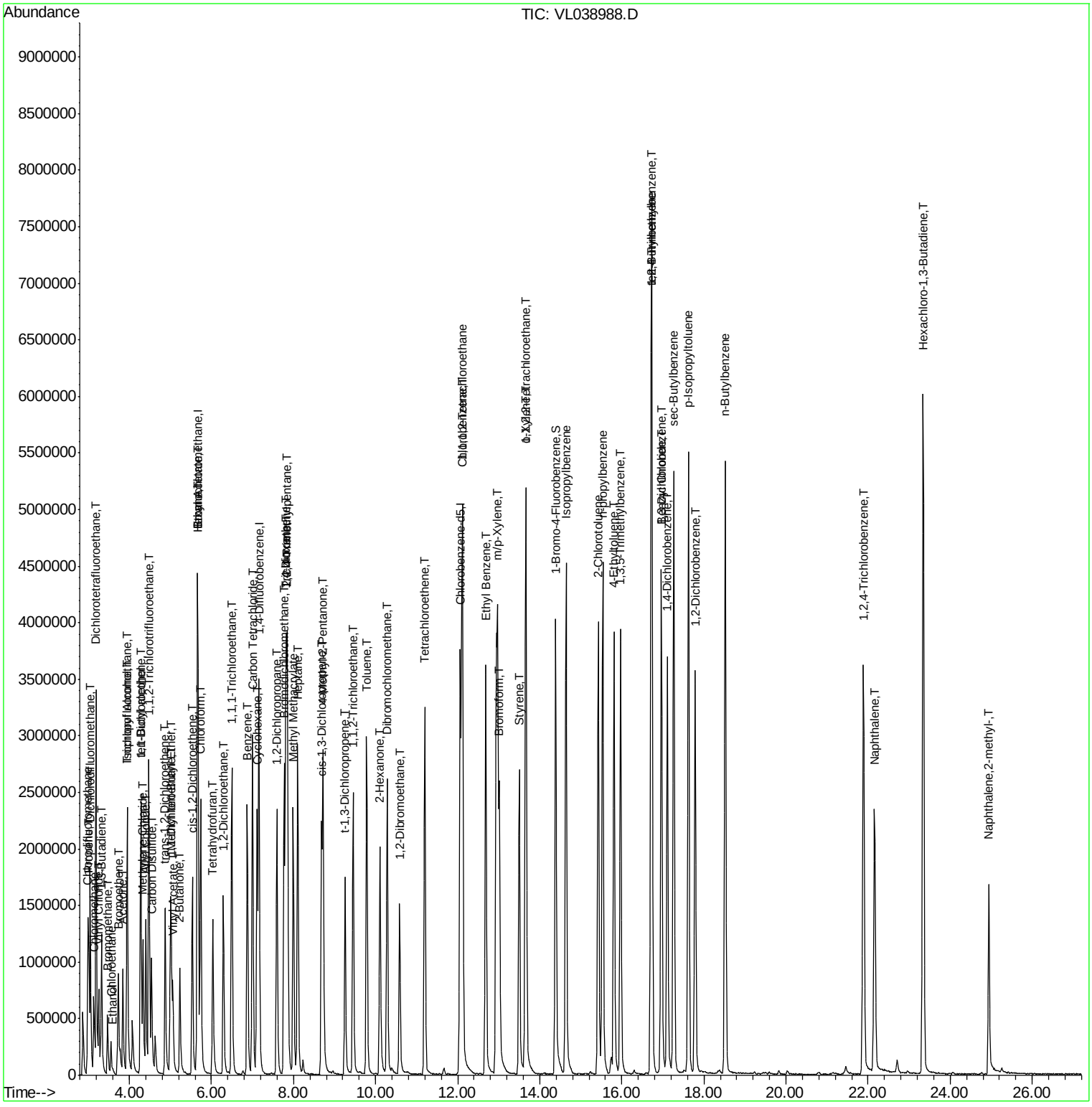
(#) = qualifier out of range (m) = manual integration (+) = signals summed

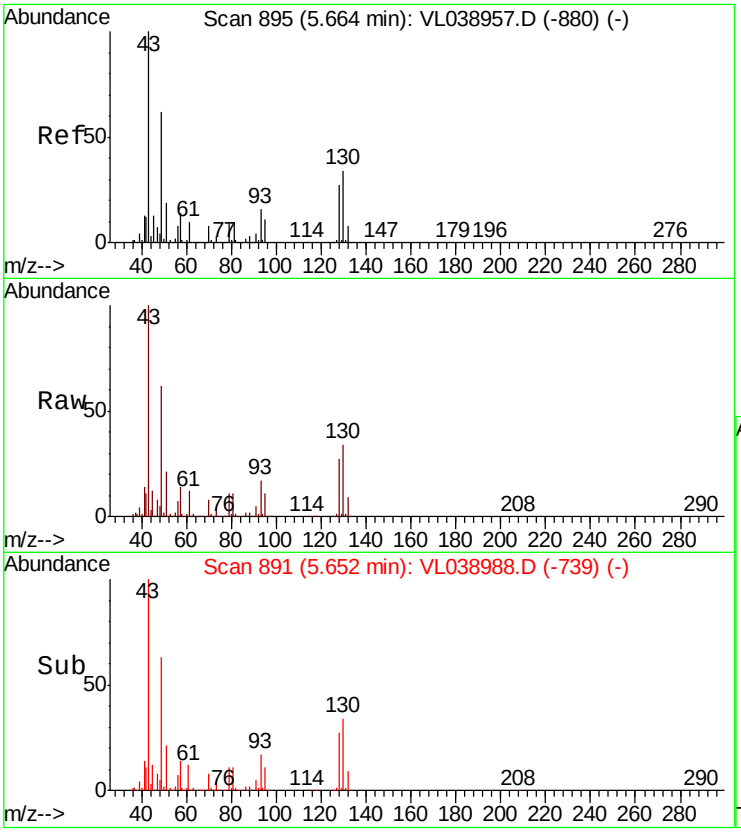
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050922\
Data File : VL038988.D
Acq On : 9 May 2022 14:17
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Quant Time: May 18 09:11:17 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



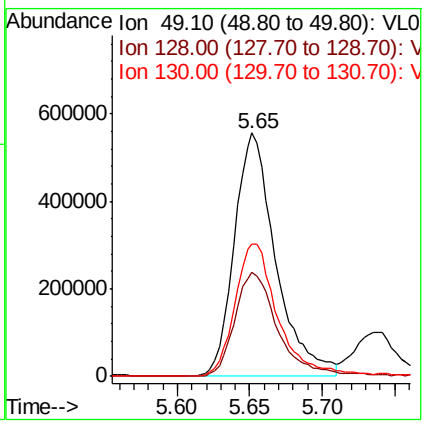


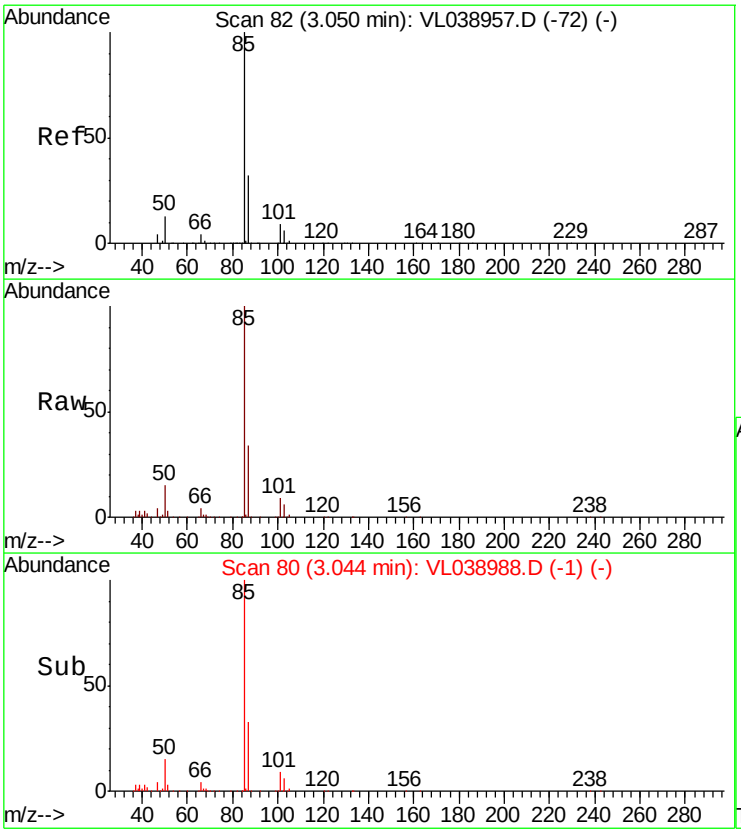
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 9 May 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 1103319

Ion	Ratio	Lower	Upper
49	100		
128	45.5	23.3	69.8
130	58.1	29.8	89.3

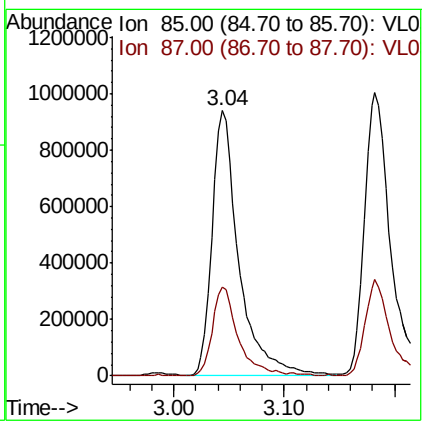


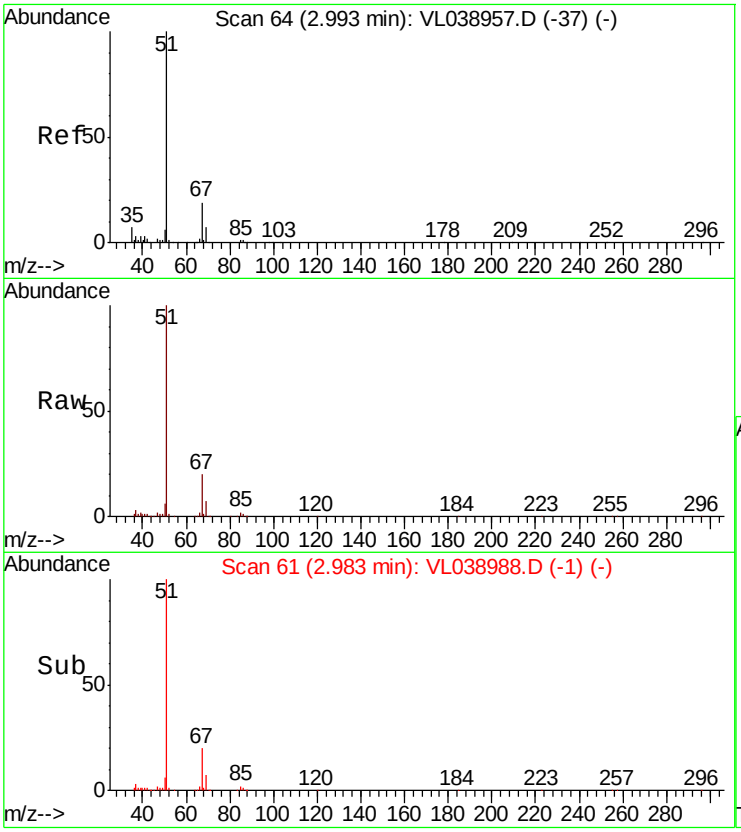


#2
Dichlorodifluoromethane
Concen: 9.088 ppbv
RT: 3.04 min Scan# 80
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion: 85 Resp: 1571116

Ion	Ratio	Lower	Upper
85	100		
87	33.5	25.7	38.5



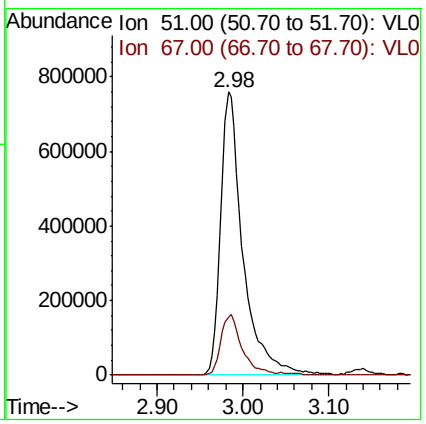


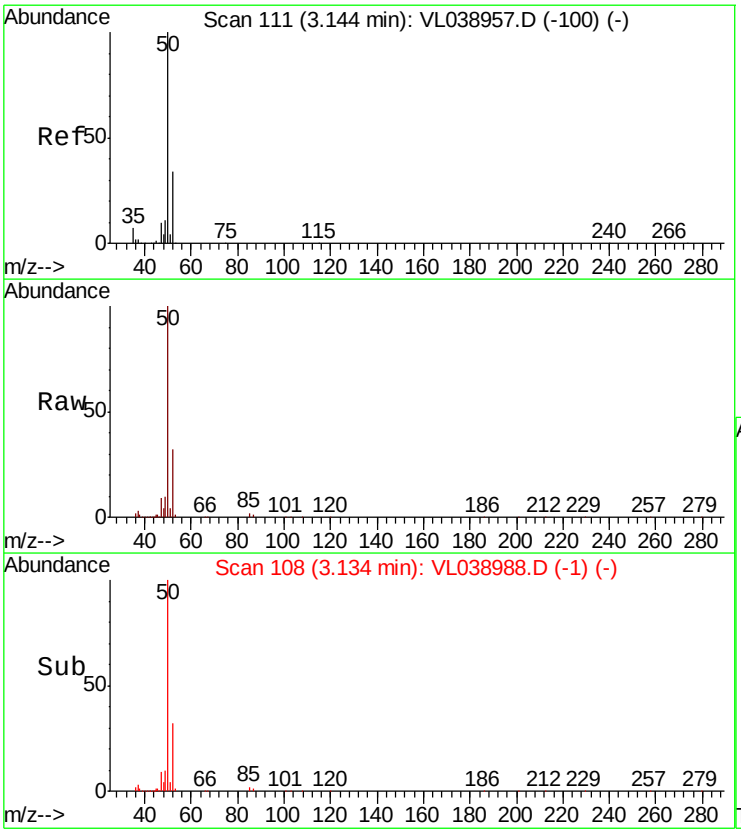
#3
Chlorodifluoromethane
Concen: 9.999 ppbv
RT: 2.98
Delta R.T
Lab File:
Acq: 9 May 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 1368951

Ion	Ratio	Lower	Upper
51	100		
67	20.9	15.8	23.8

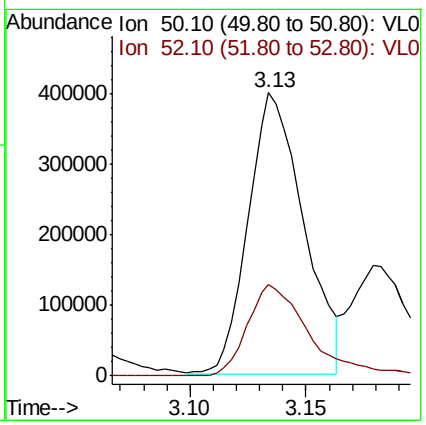


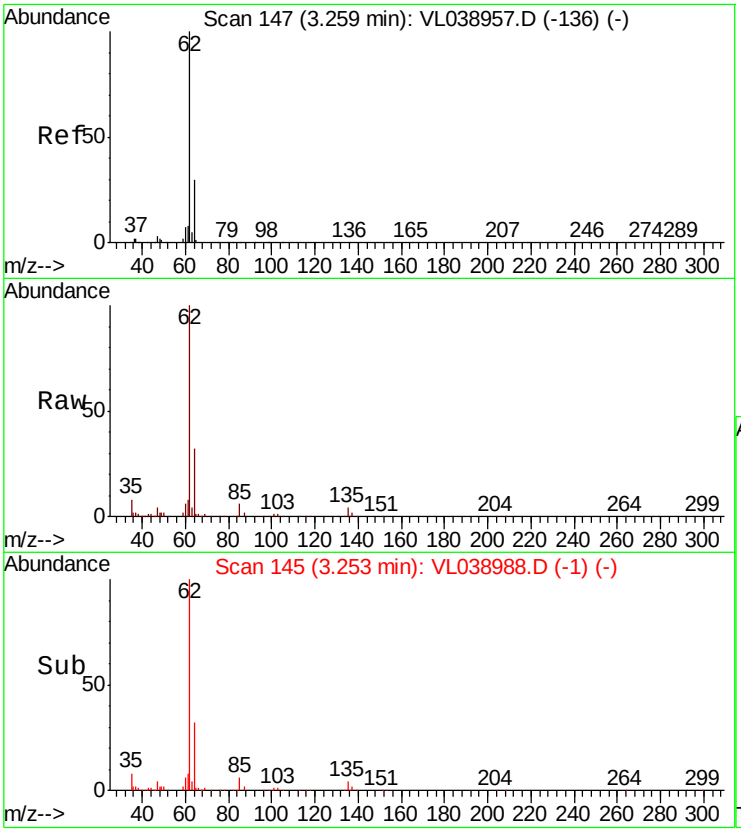


#4
Chloromethane
Concen: 9.681 ppbv
RT: 3.13 min Scan# 108
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion: 50 Resp: 663718

Ion	Ratio	Lower	Upper
50	100		
52	32.7	27.3	40.9



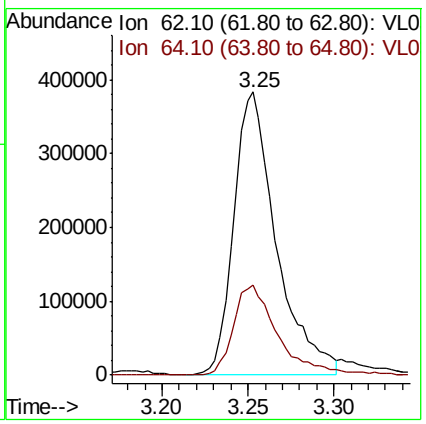


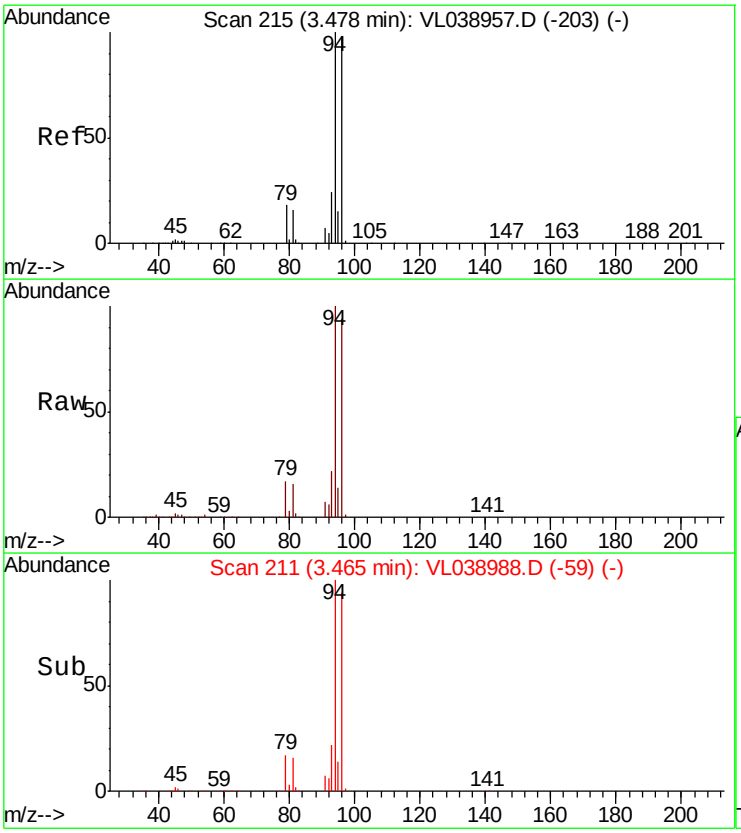
#5
Vinyl Chloride
Concen: 10.470 ppbv
RT: 3.25
Delta R.T
Lab File:
Acq: 9 May 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 655490

Ion	Ratio	Lower	Upper
62	100		
64	32.0	24.2	36.4

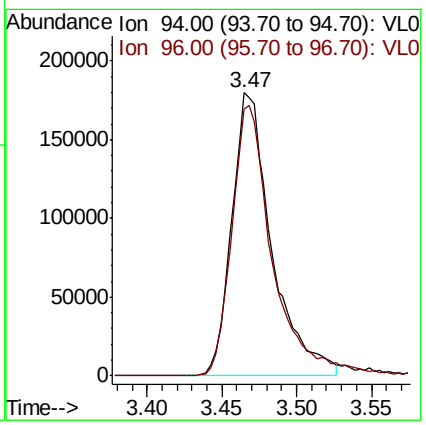


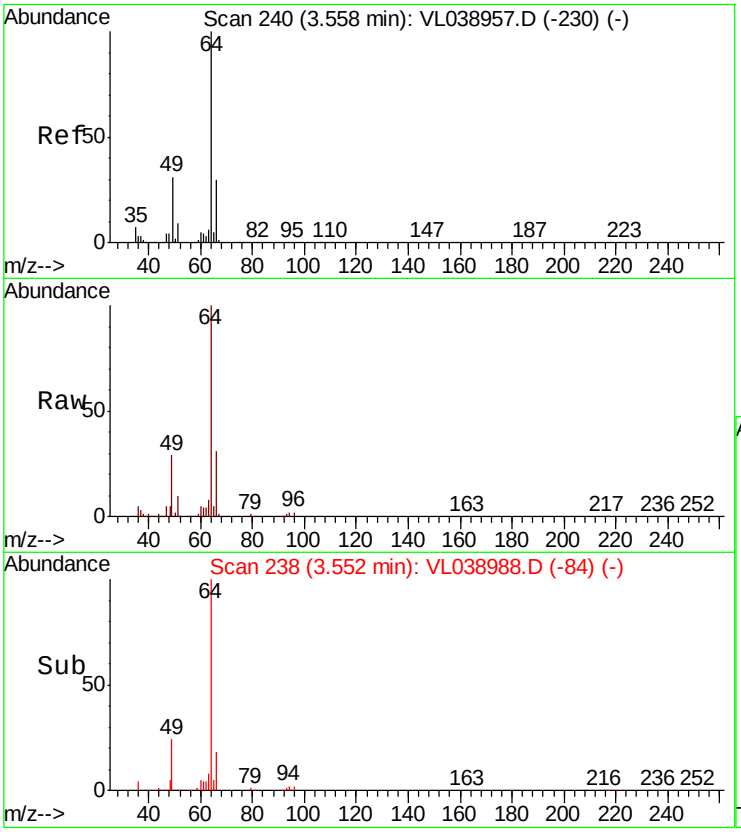


#6
Bromomethane
Concen: 11.317 ppbv
RT: 3.47 min Scan# 211
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion: 94 Resp: 334721

Ion	Ratio	Lower	Upper
94	100		
96	94.2	78.1	117.1



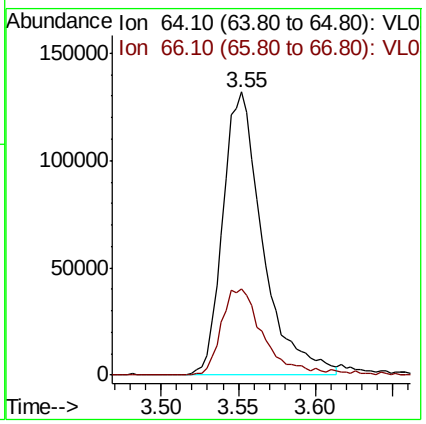


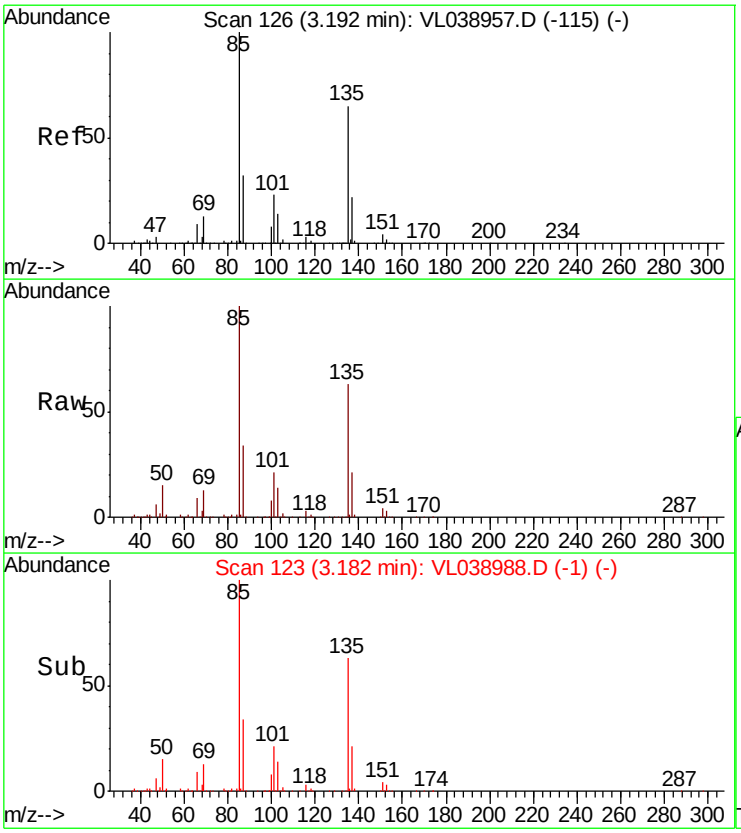
#7
Chloroethane
Concen: 11.143 ppbv
RT: 3.55
Delta R.T
Lab File:
Acq: 9 May 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 233501

Ion	Ratio	Lower	Upper
64	100		
66	30.5	23.8	35.8

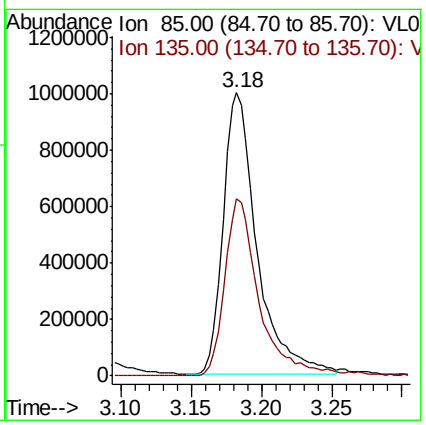


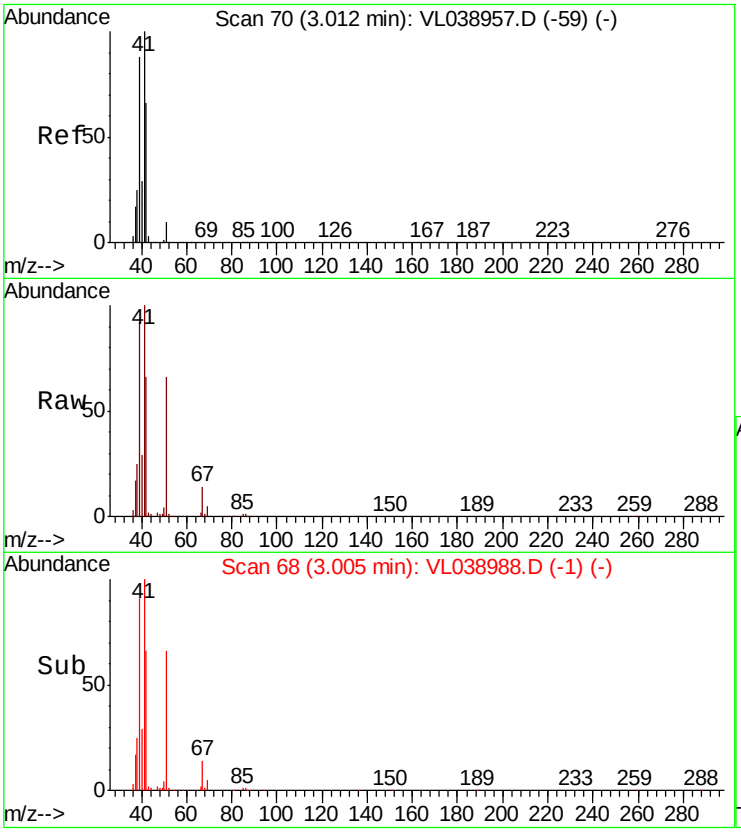


#8
Dichlorotetrafluoroethane
Concen: 10.652 ppbv
RT: 3.18 min Scan# 123
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion: 85 Resp: 1668970

Ion	Ratio	Lower	Upper
85	100		
135	65.2	53.6	80.4



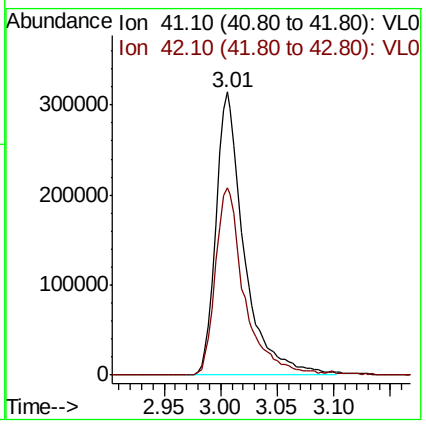


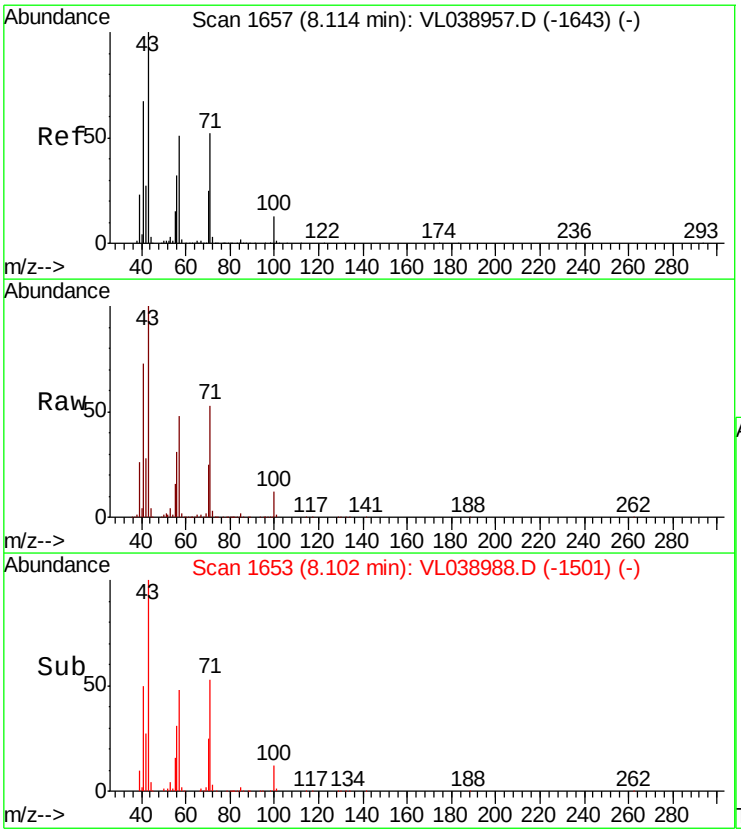
#9
Propene
Concen: 9.113 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 9 May 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 544867

Ion	Ratio	Lower	Upper
41	100		
42	69.3	58.3	87.5

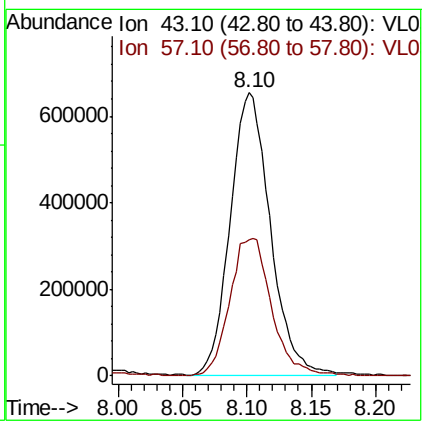


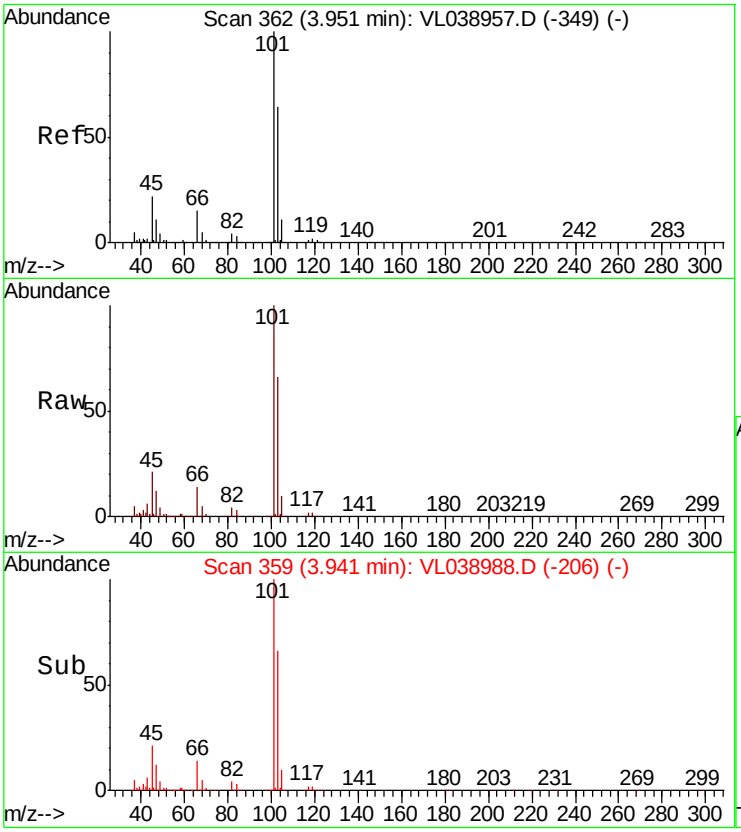


#10
Heptane
Concen: 9.584 ppbv
RT: 8.10 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion: 43 Resp: 1405726

Ion	Ratio	Lower	Upper
43	100		
57	50.6	40.5	60.7



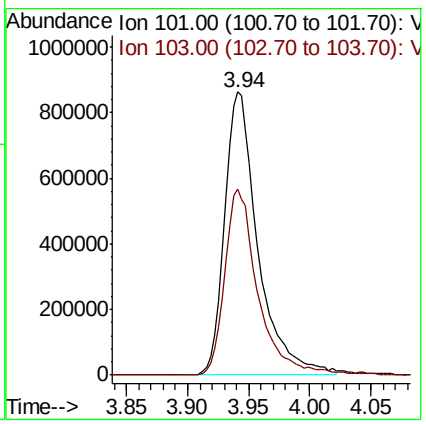


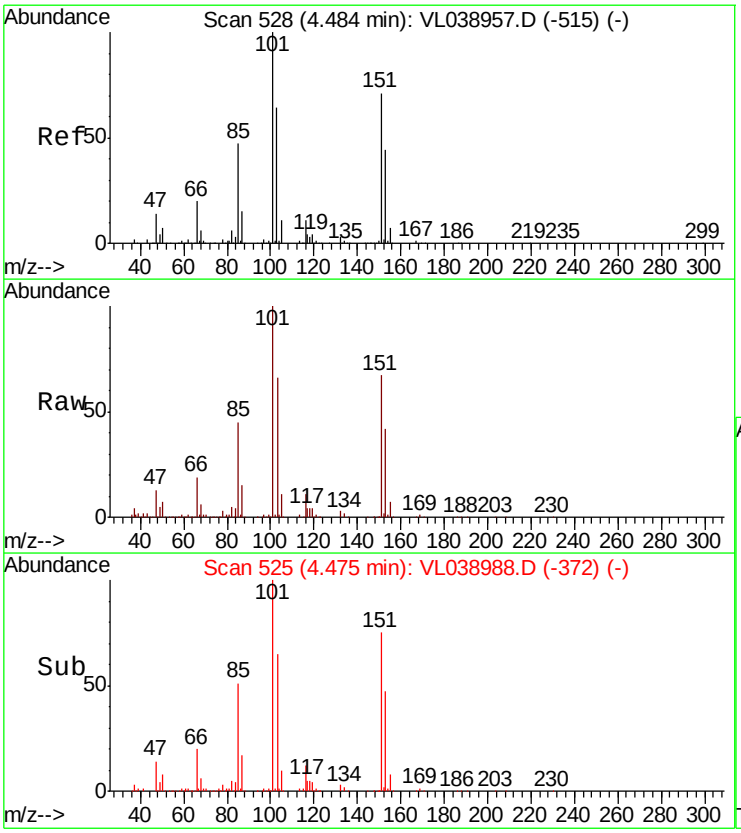
#11
Trichlorofluoromethane
Concen: 11.146 ppbv
RT: 3.94
Delta R.T
Lab File:
Acq: 9 May 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 1653257

Ion	Ratio	Lower	Upper
101	100		
103	65.8	51.5	77.3

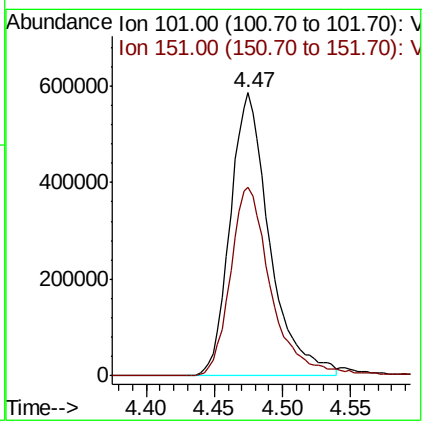


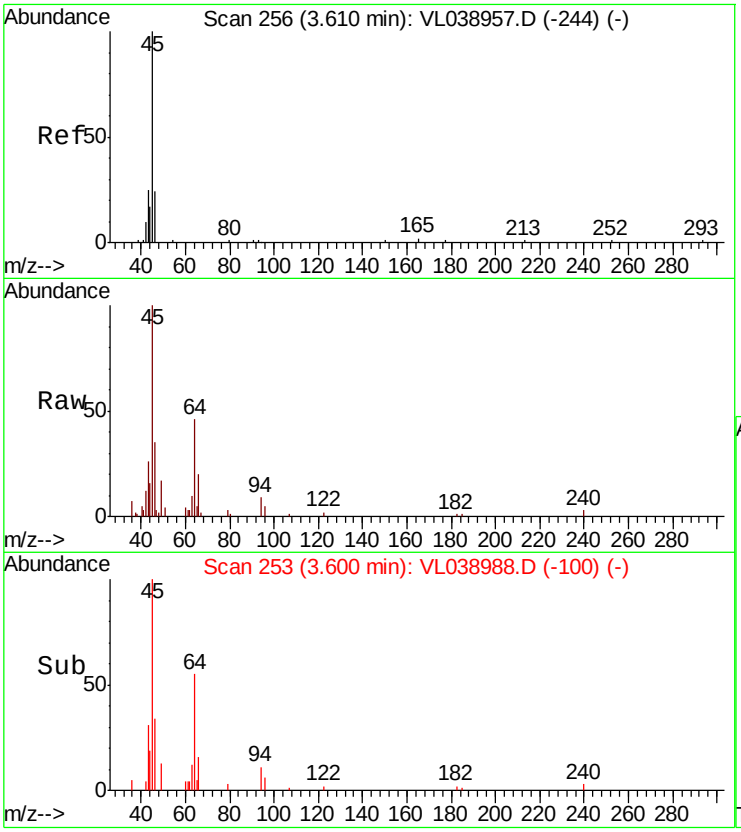


#12
1,1,2-Trichlorotrifluoroethane
Concen: 11.484 ppbv
RT: 4.47 min Scan# 525
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion:101 Resp: 1173352

Ion	Ratio	Lower	Upper
101	100		
151	69.6	55.4	83.0



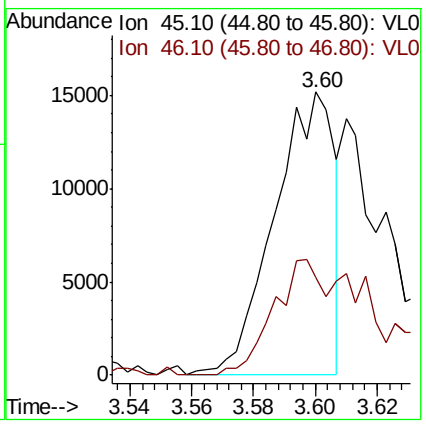


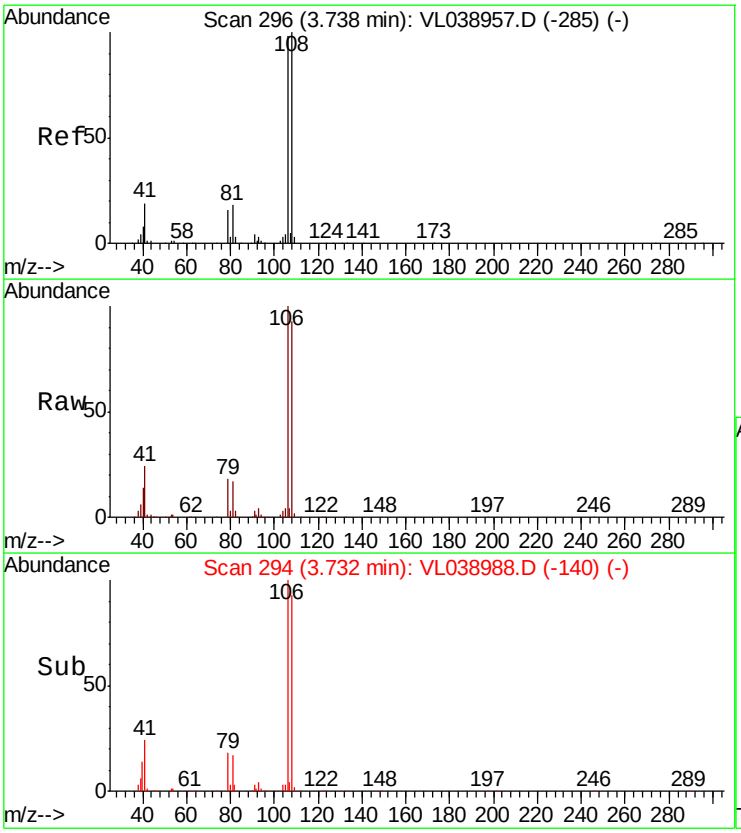
#13
Ethanol
Concen: 4.831 ppbv
RT: 3.60
Delta R.T
Lab File:
Acq: 9 May 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 20441

Ion	Ratio	Lower	Upper
45	100		
46	83.7	18.0	72.2#

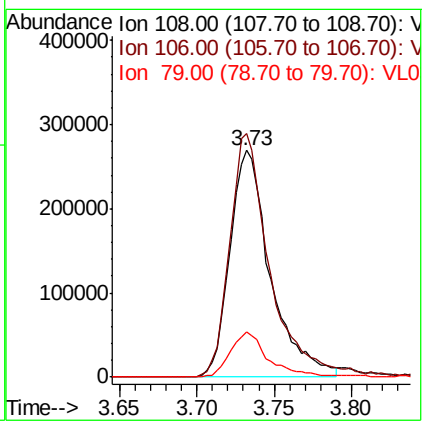


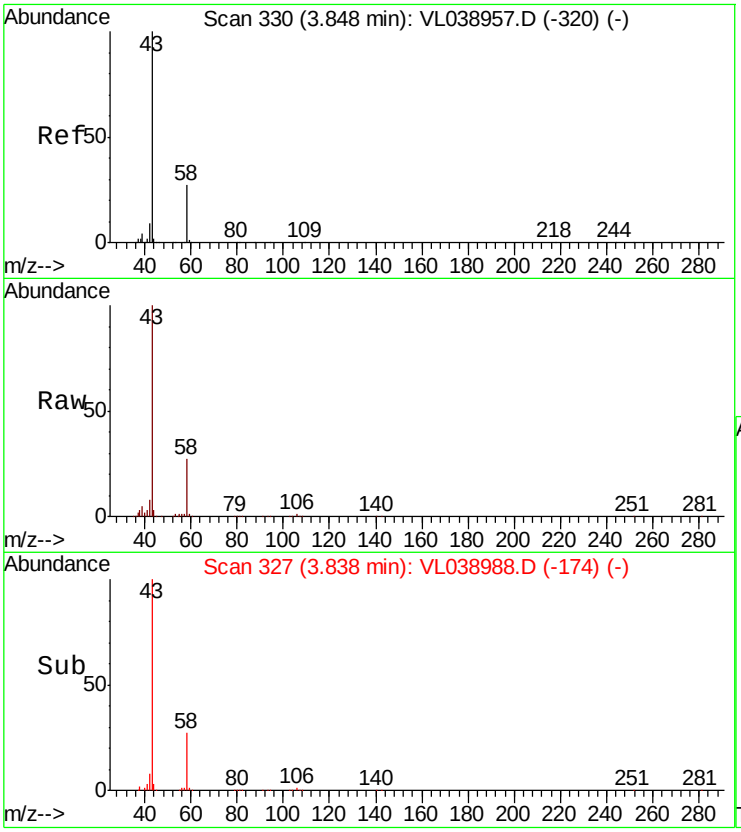


#14
Bromoethene
Concen: 11.566 ppbv
RT: 3.73 min Scan# 294
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion:108 Resp: 487313

Ion	Ratio	Lower	Upper
108	100		
106	108.5	90.3	135.5
79	19.7	14.9	22.3



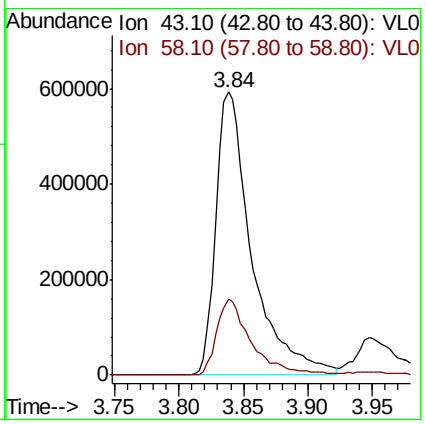


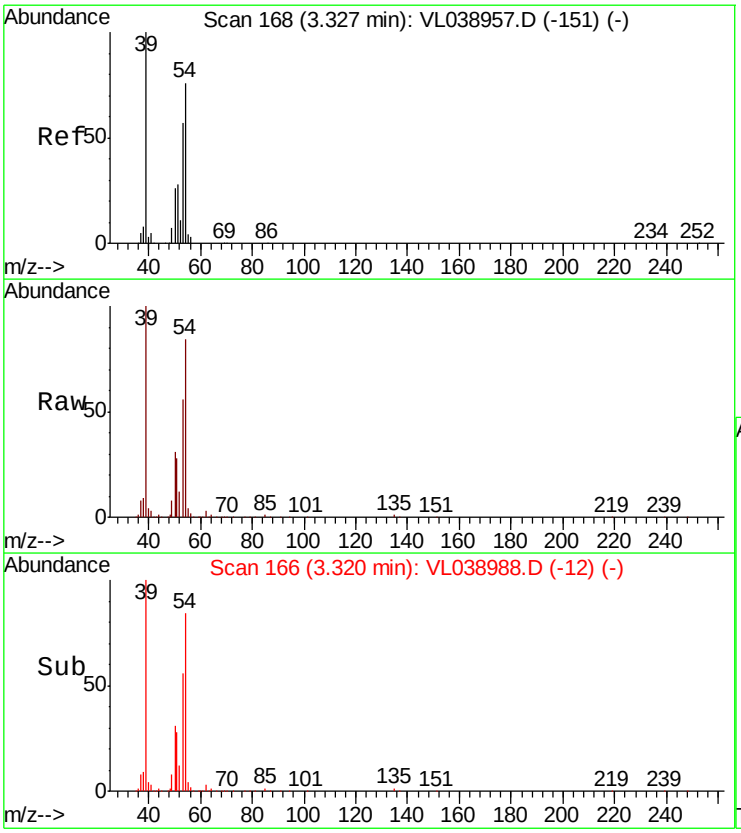
#15
Acetone
Concen: 11.009 ppbv
RT: 3.84
Delta R.T
Lab File:
Acq: 9 May 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1145739

Ion	Ratio	Lower	Upper
43	100		
58	26.3	21.3	31.9

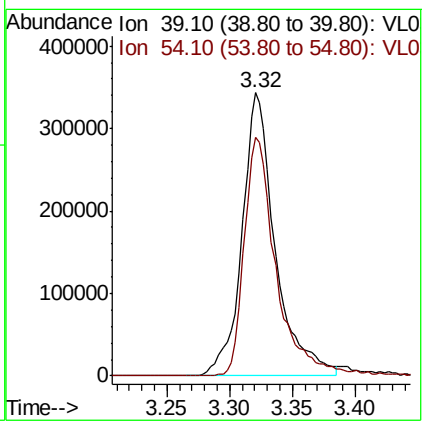


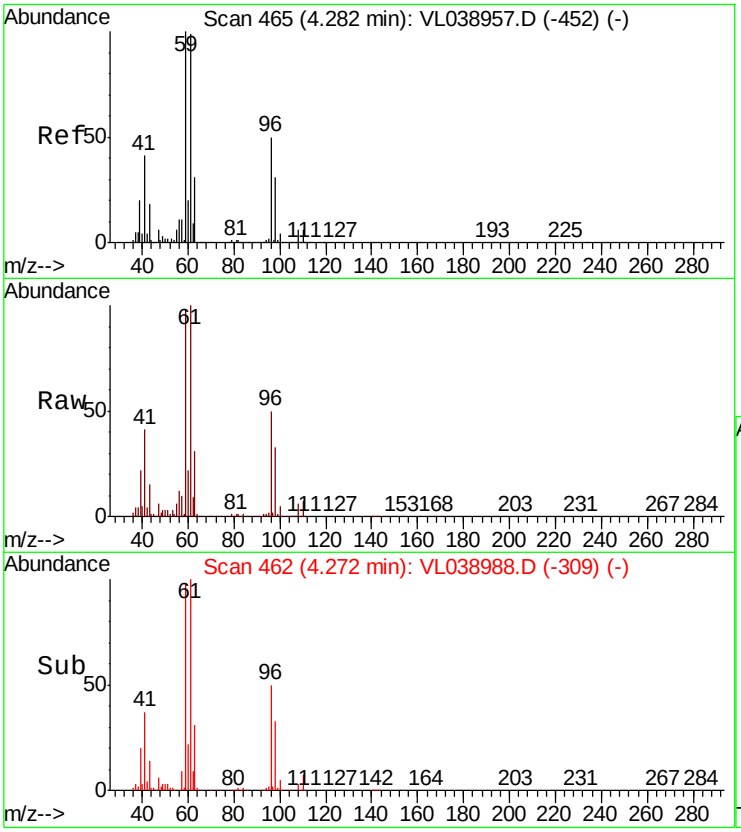


#16
1,3-Butadiene
Concen: 10.557 ppbv
RT: 3.32 min Scan# 166
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion: 39 Resp: 631233

Ion	Ratio	Lower	Upper
39	100		
54	82.5	65.2	97.8



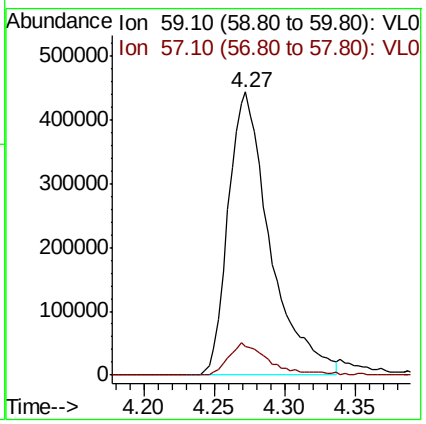


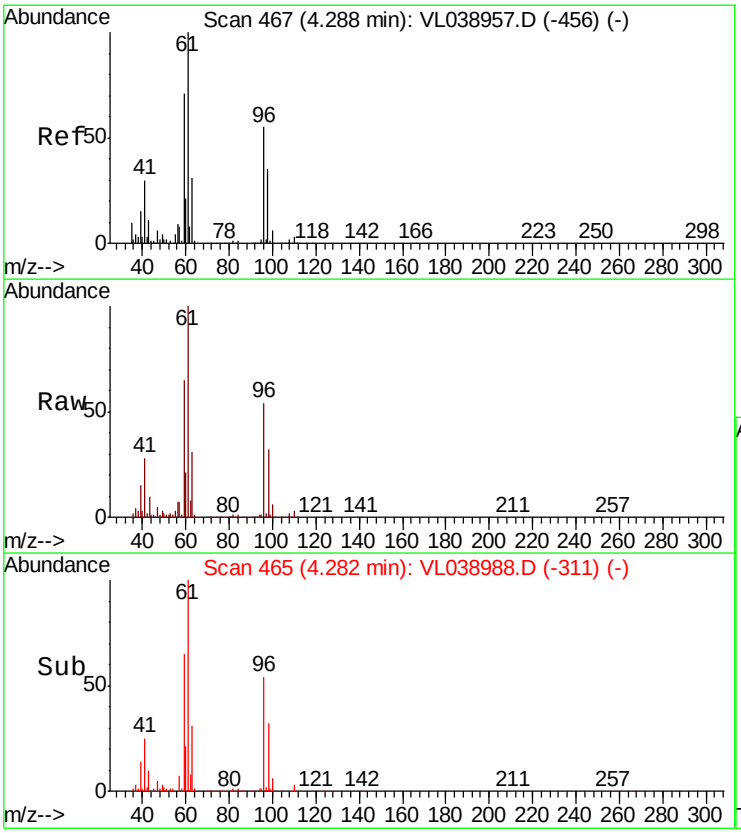
#17
tert-Butyl alcohol
Concen: 11.522 ppbv
RT: 4.27
Delta R.T
Lab File:
Acq: 9 May 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 921687

Ion	Ratio	Lower	Upper
59	100		
57	11.2	9.2	13.8

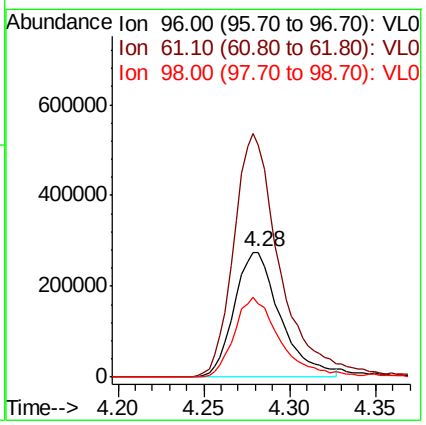


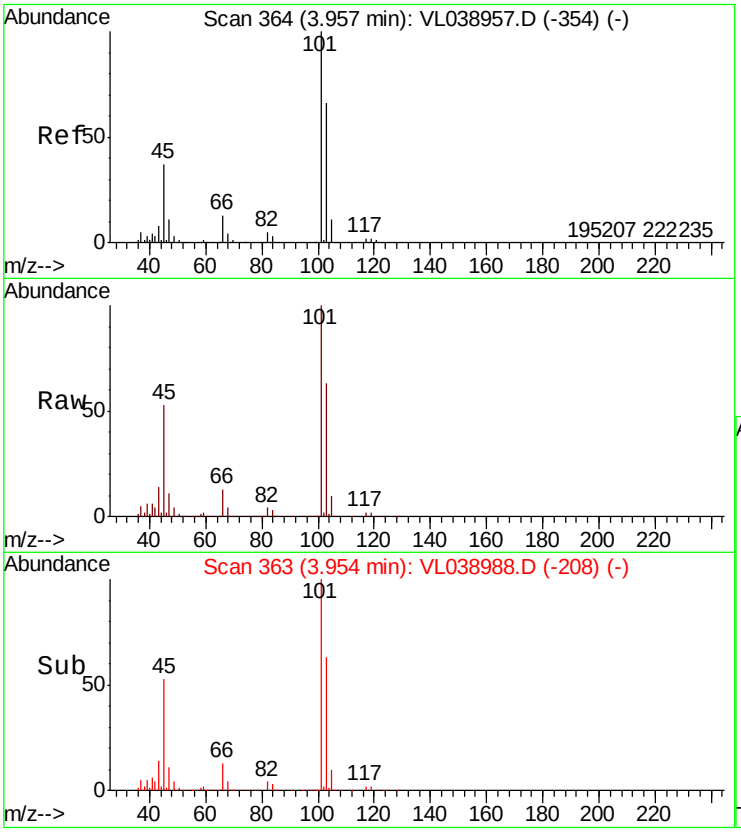


#18
1,1-Dichloroethene
Concen: 11.640 ppbv
RT: 4.28 min Scan# 465
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion: 96 Resp: 511866

Ion	Ratio	Lower	Upper
96	100		
61	185.5	146.3	219.5
98	59.2	50.6	75.8



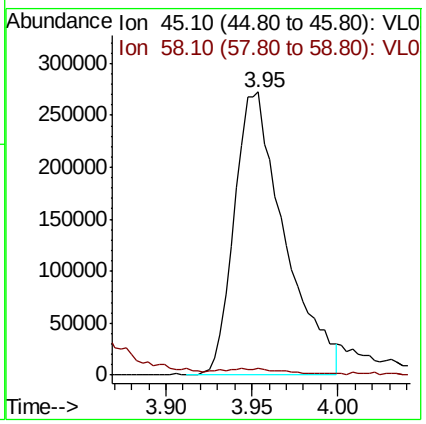


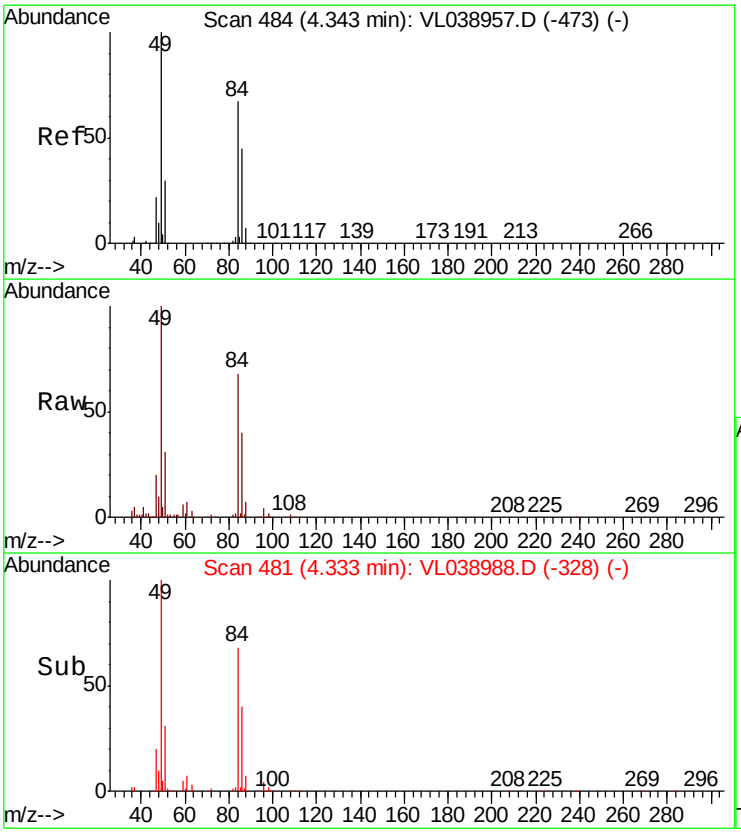
#19
Isopropyl Alcohol
Concen: 11.192 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 9 May 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 553815

Ion	Ratio	Lower	Upper
45	100		
58	3.2	1.4	2.2#

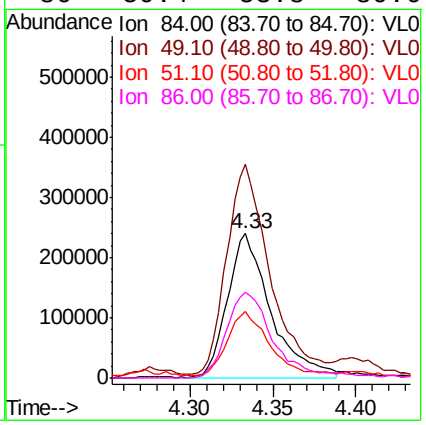


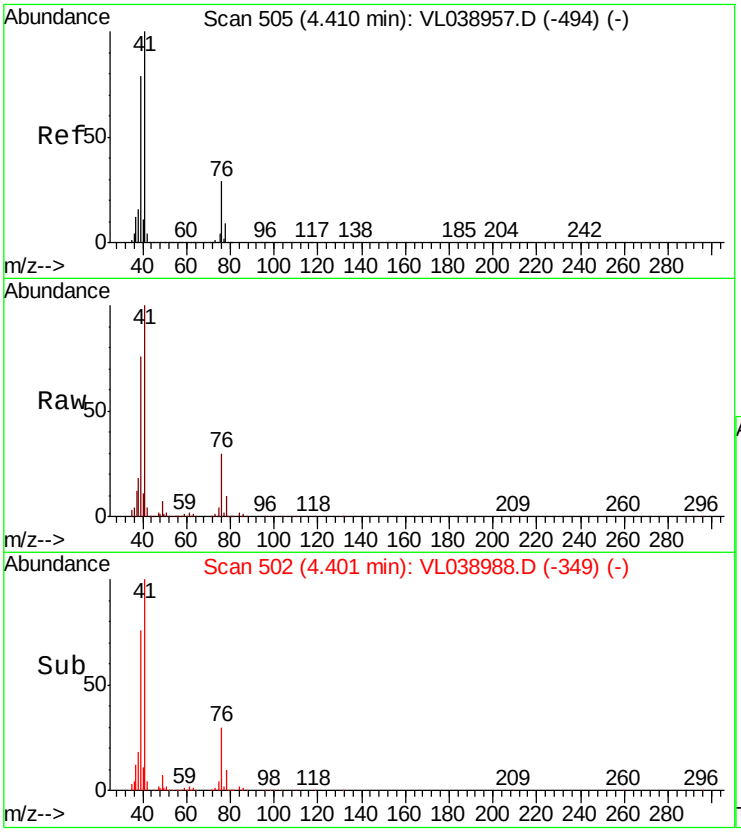


#20
Methylene Chloride
Concen: 11.022 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion: 84 Resp: 432361

Ion	Ratio	Lower	Upper
84	100		
49	145.6	119.9	179.9
51	45.0	35.7	53.5
86	59.4	53.8	80.6



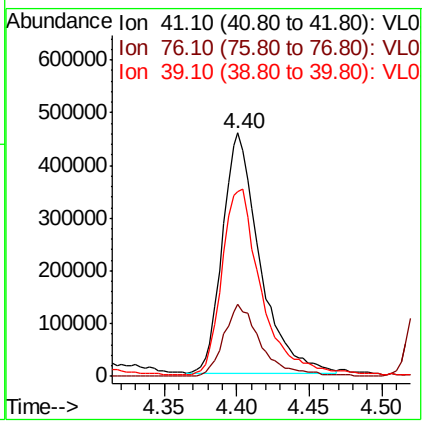


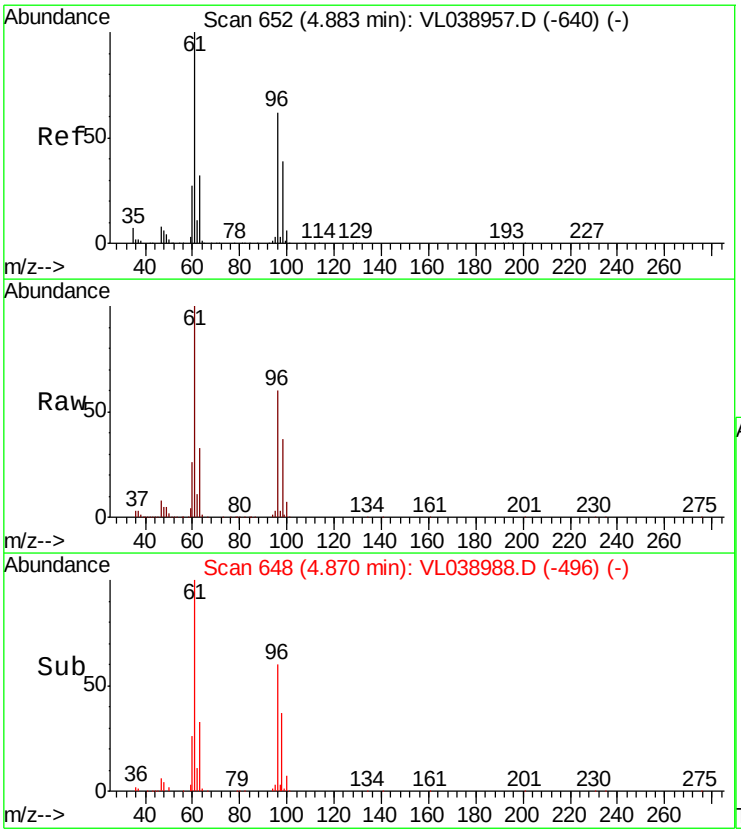
#21
Allvl Chloride
Concen: 11.400 ppbv
RT: 4.40
Delta R.T
Lab File:
Acq: 9 May 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 808481

Ion	Ratio	Lower	Upper
41	100		
76	30.2	24.2	36.4
39	83.3	63.8	95.8

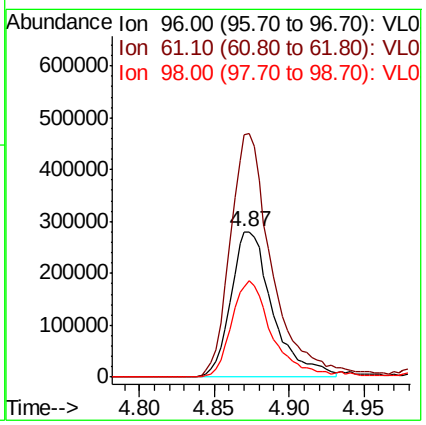


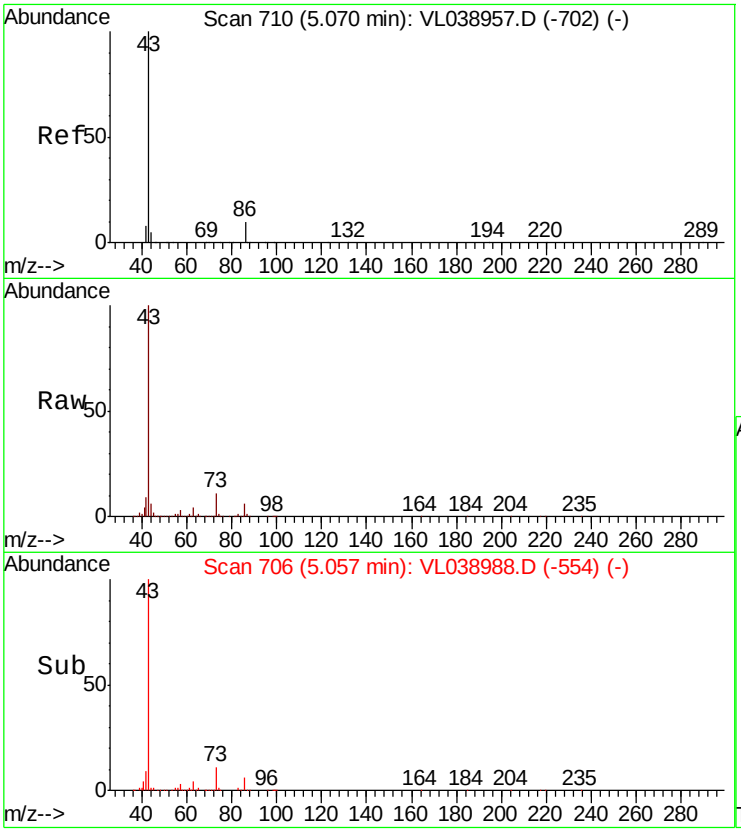


#22
trans-1,2-Dichloroethene
Concen: 11.485 ppbv
RT: 4.87 min Scan# 648
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion: 96 Resp: 545555

Ion	Ratio	Lower	Upper
96	100		
61	167.1	128.2	192.2
98	62.1	50.1	75.1



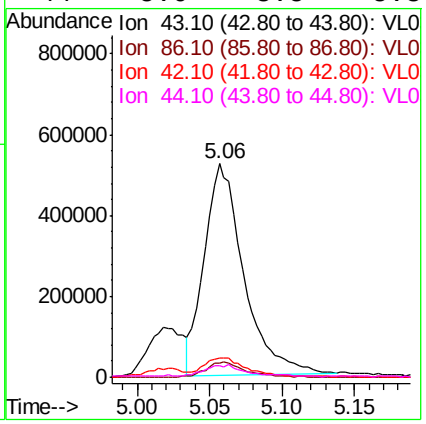


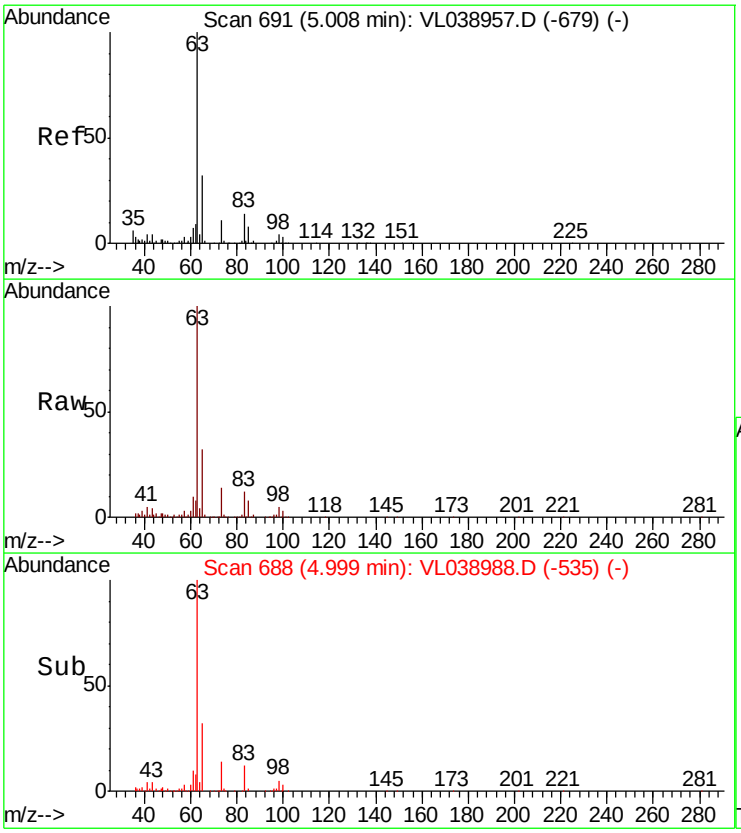
#23
Vinyl Acetate
Concen: 11.967 ppbv
RT: 5.06
Delta R.T
Lab File:
Acq: 9 May 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 985437

Ion	Ratio	Lower	Upper
43	100		
86	6.4	6.6	9.8#
42	9.2	8.1	12.1
44	5.0	3.5	5.3

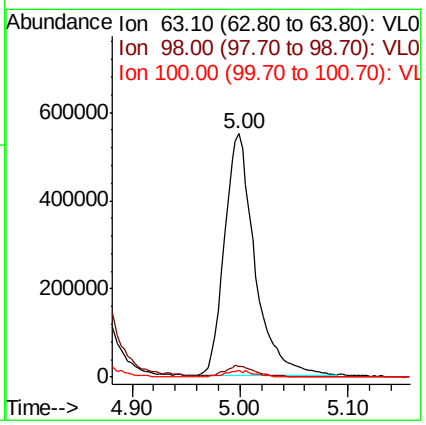


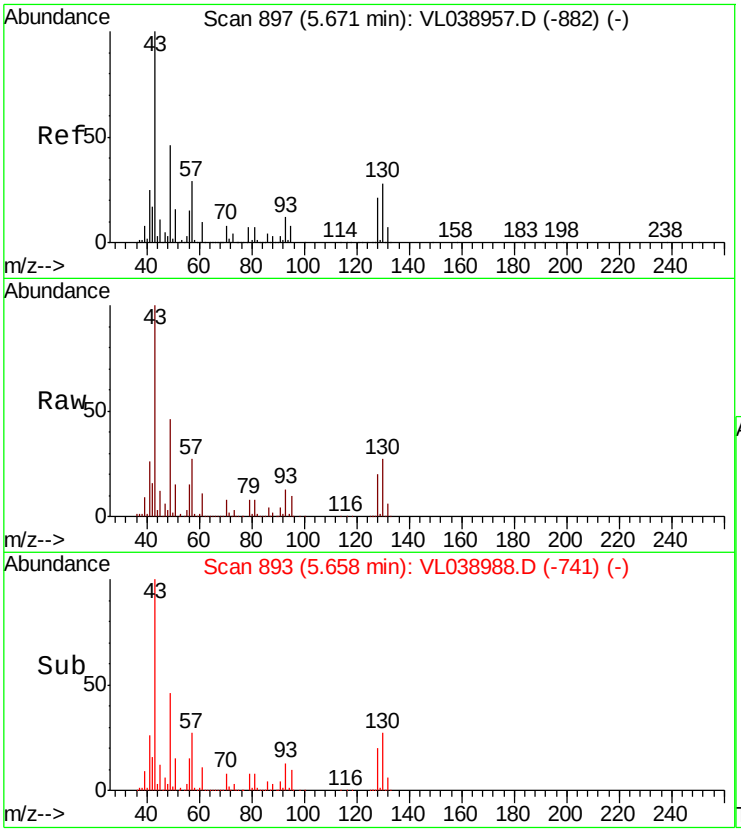


#24
1,1-Dichloroethane
Concen: 11.381 ppbv
RT: 5.00 min Scan# 688
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion: 63 Resp: 1079185

Ion	Ratio	Lower	Upper
63	100		
98	4.4	2.1	6.2
100	2.5	1.4	4.2



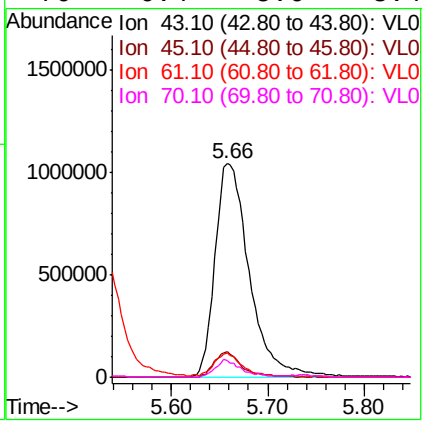


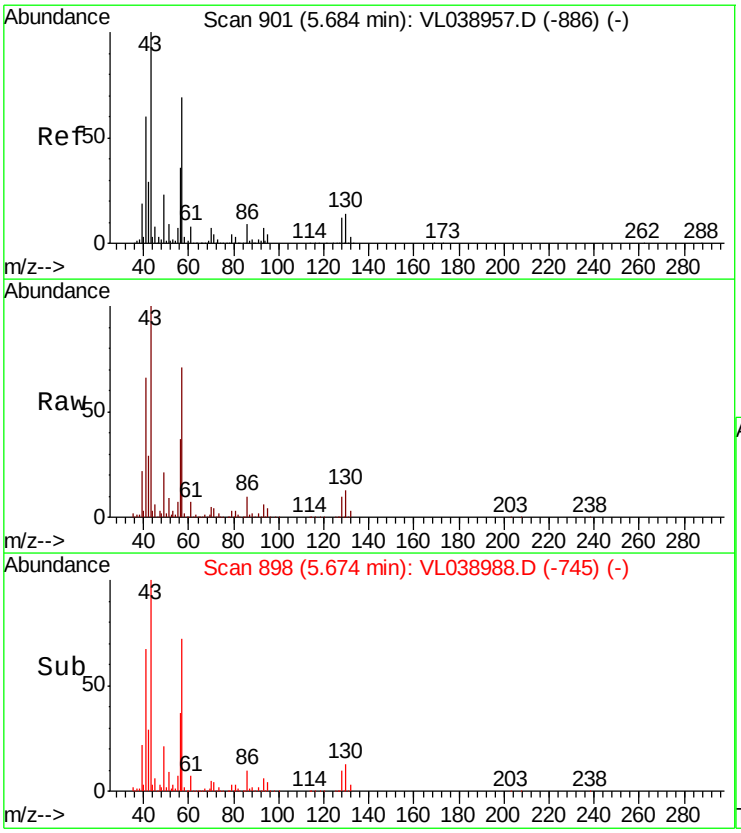
#25
Ethyl Acetate
Concen: 10.266 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 9 May 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2557278

Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.1	12.1
61	10.0	7.8	11.6
70	6.4	5.6	8.4

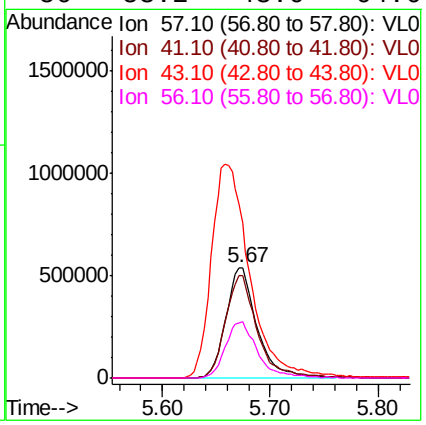


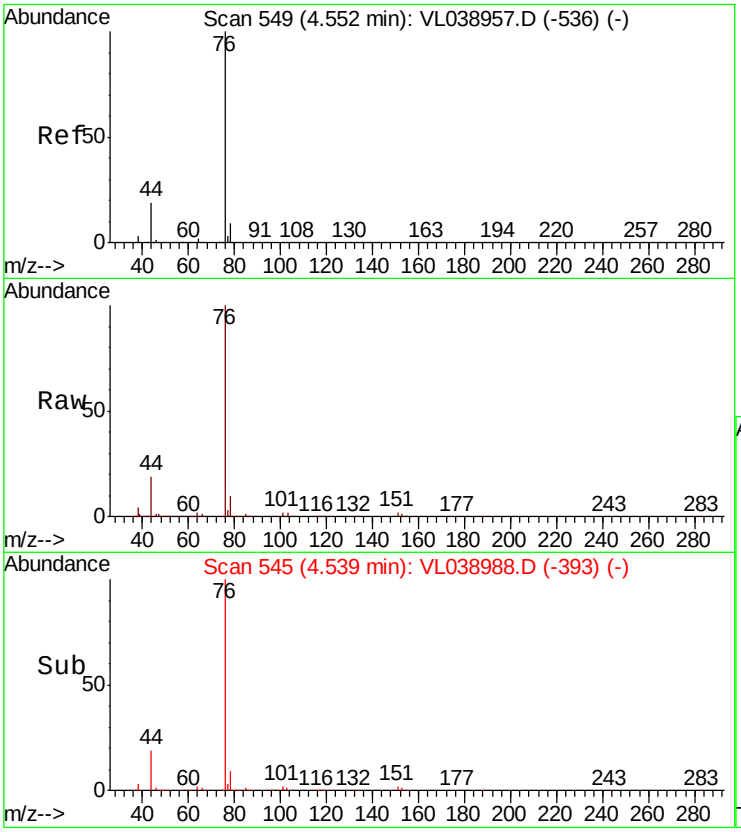


#26
Hexane
Concen: 9.787 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion: 57 Resp: 1083242

Ion	Ratio	Lower	Upper
57	100		
41	95.5	75.2	112.8
43	238.8	190.8	286.2
56	53.2	43.0	64.6



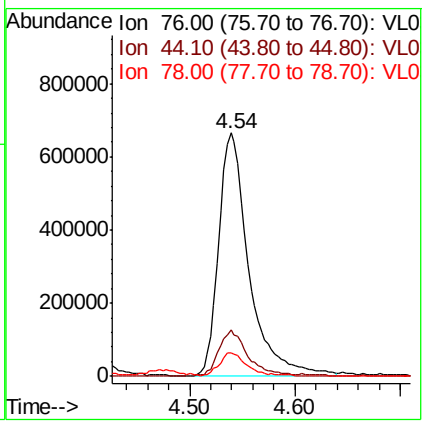


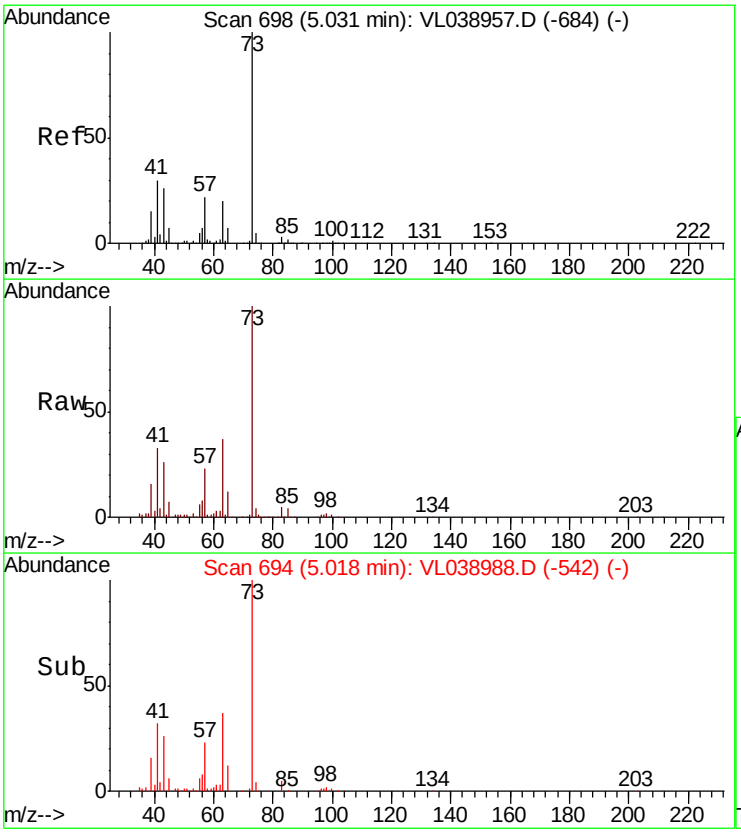
#27
Carbon Disulfide
Concen: 12.581 ppbv
RT: 4.54
Delta R.T
Lab File:
Acq: 9 May 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 76 Resp: 1322742

Ion	Ratio	Lower	Upper
76	100		
44	18.8	15.3	22.9
78	9.5	8.2	12.2

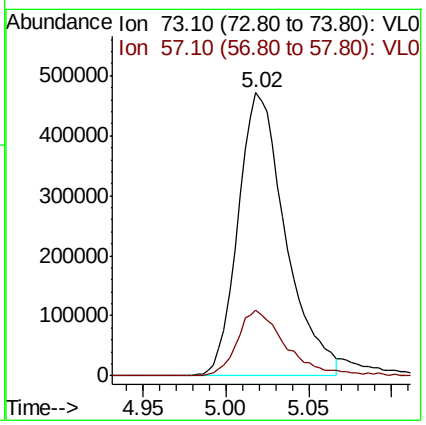


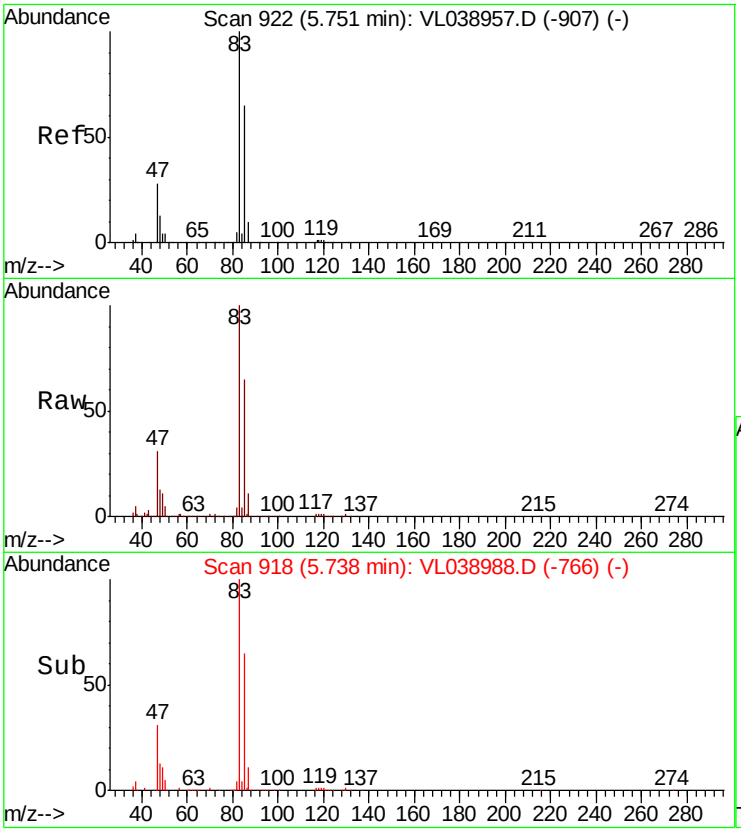


#28
Methyl tert-Butyl Ether
Concen: 11.178 ppbv
RT: 5.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion: 73 Resp: 941334

Ion	Ratio	Lower	Upper
73	100		
57	24.0	18.8	28.2



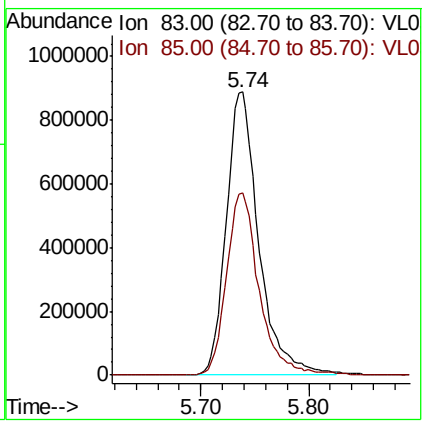


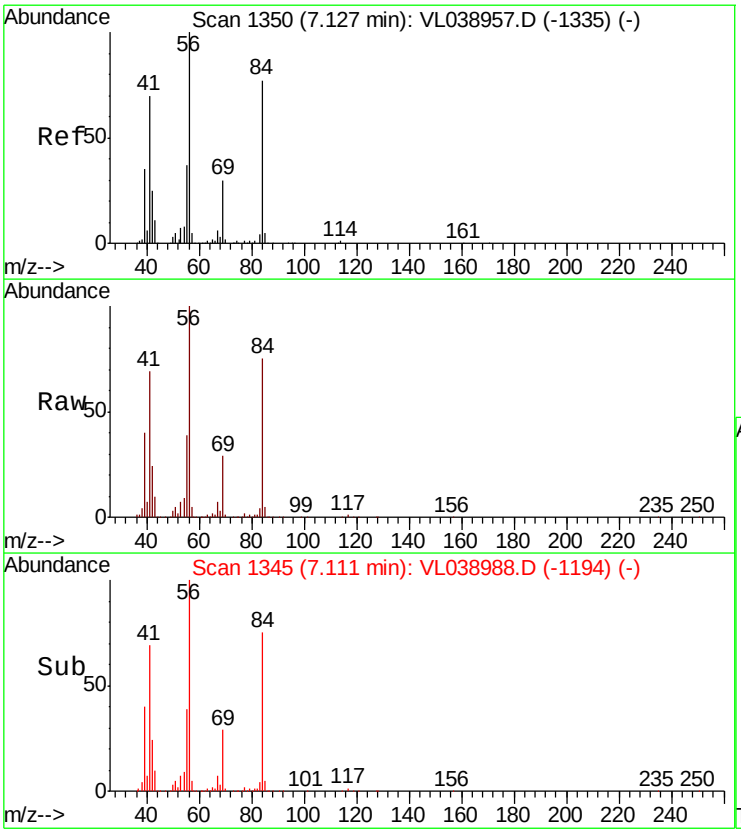
#29
Chloroform
Concen: 10.422 ppbv
RT: 5.74
Delta R.T
Lab File:
Acq: 9 May 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1866217

Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.8	77.6

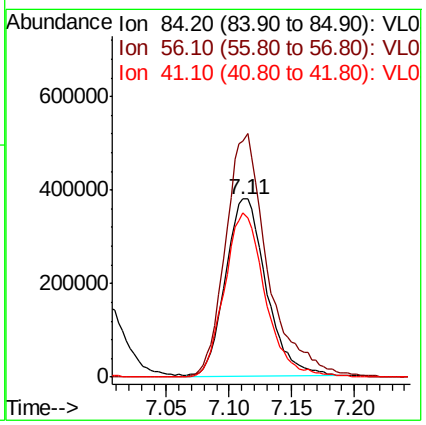


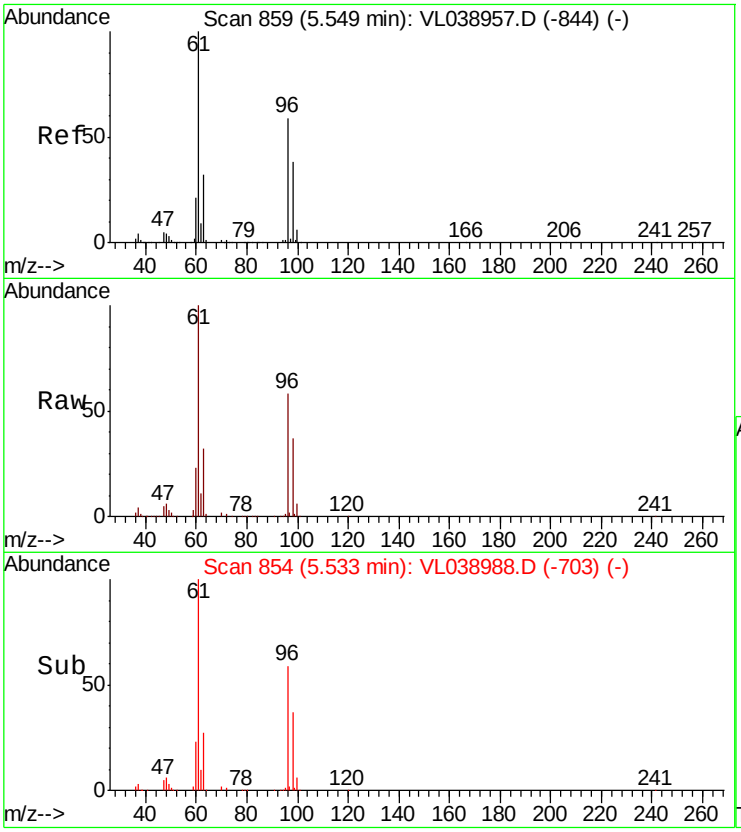


#30
Cyclohexane
Concen: 9.276 ppbv
RT: 7.11 min Scan# 1345
Delta R.T. -0.02 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion: 84 Resp: 859591

Ion	Ratio	Lower	Upper
84	100		
56	142.9	115.3	172.9
41	92.7	72.0	108.0



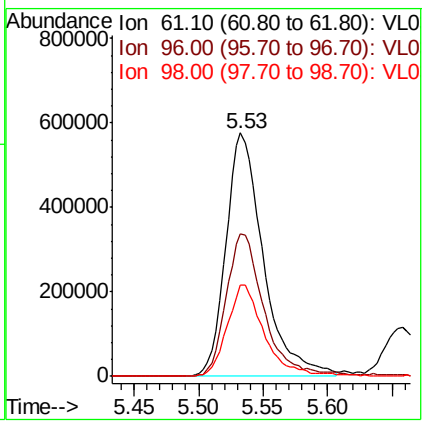


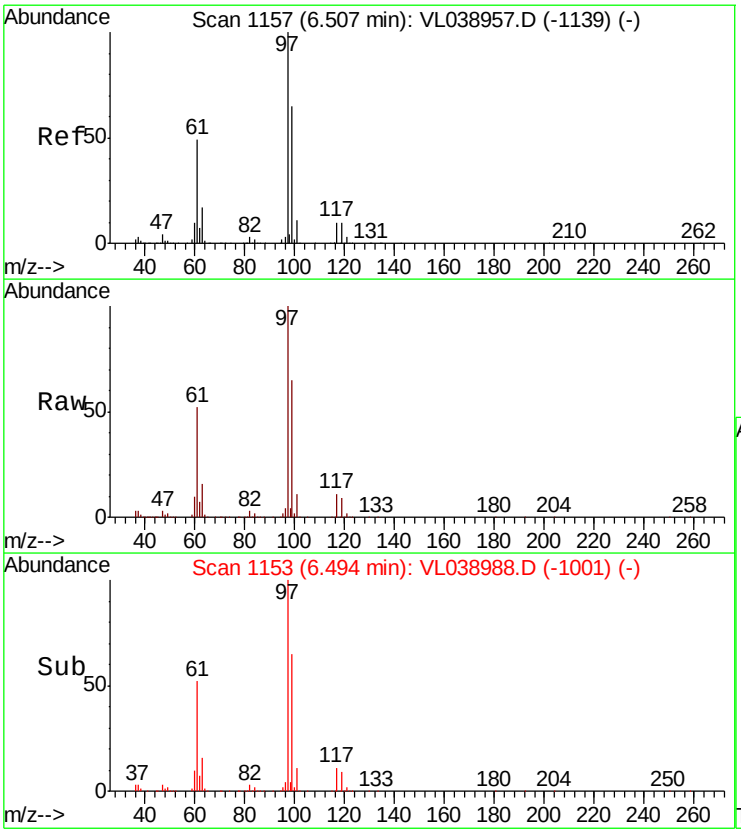
#31
cis-1,2-Dichloroethene
Concen: 10.294 ppbv
RT: 5.53
Delta R.T
Lab File:
Acq: 9 May 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 61 Resp: 1160757

Ion	Ratio	Lower	Upper
61	100		
96	58.3	47.4	71.0
98	37.3	30.6	45.8

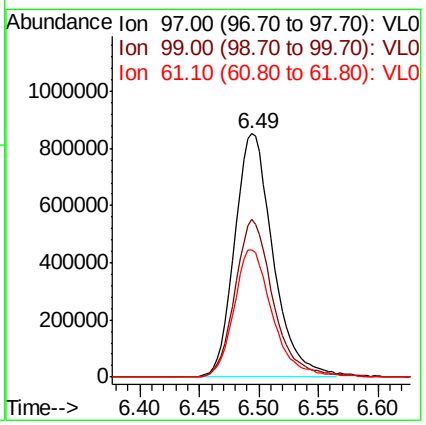


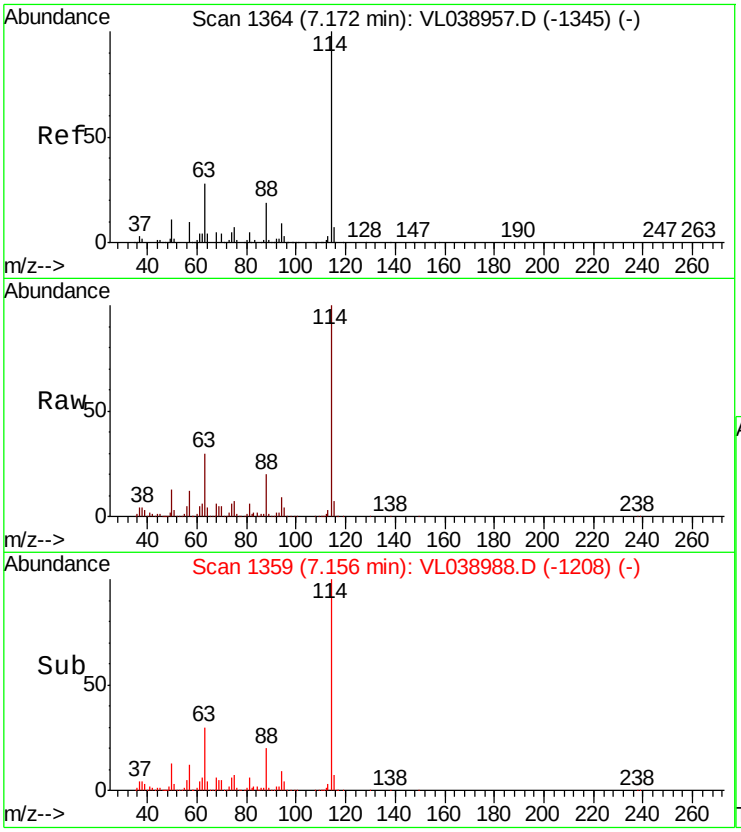


#32
1,1,1-Trichloroethane
Concen: 10.661 ppbv
RT: 6.49 min Scan# 1153
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion: 97 Resp: 1908779

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.9	77.9
61	52.6	40.9	61.3



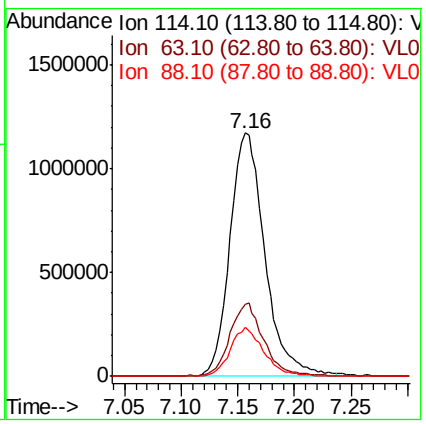


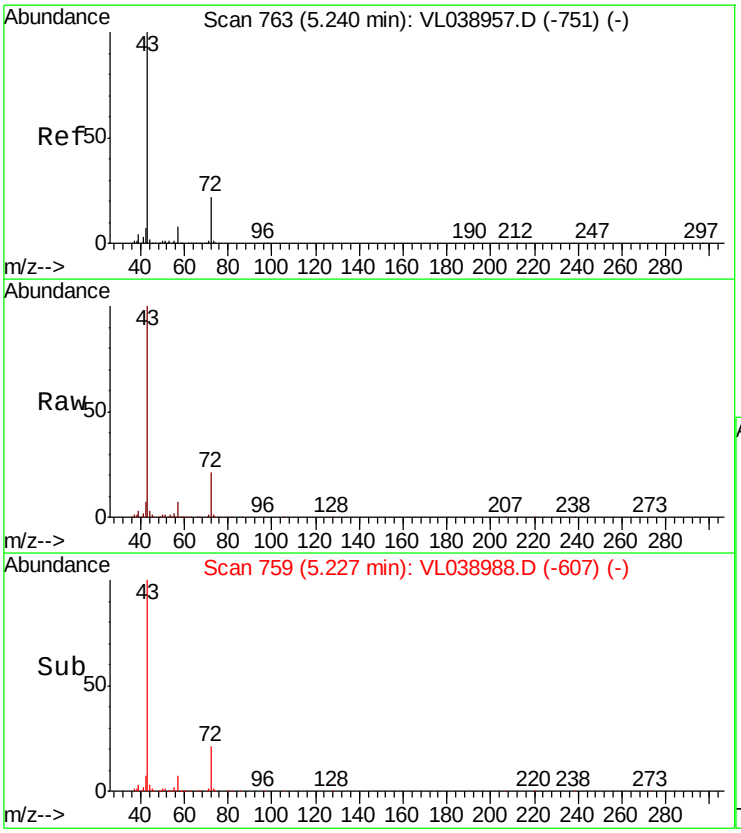
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16
Delta R.T
Lab File:
Acq: 9 May 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:114 Resp: 2527596

Ion	Ratio	Lower	Upper
114	100		
63	29.6	22.6	33.8
88	19.5	15.4	23.0

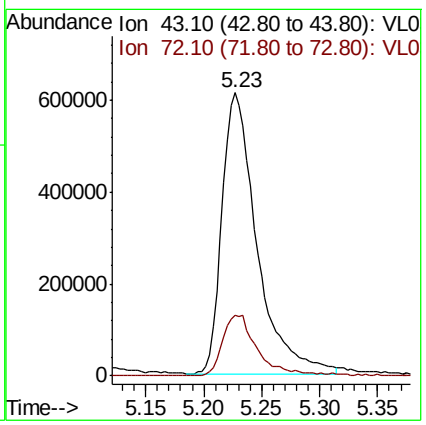


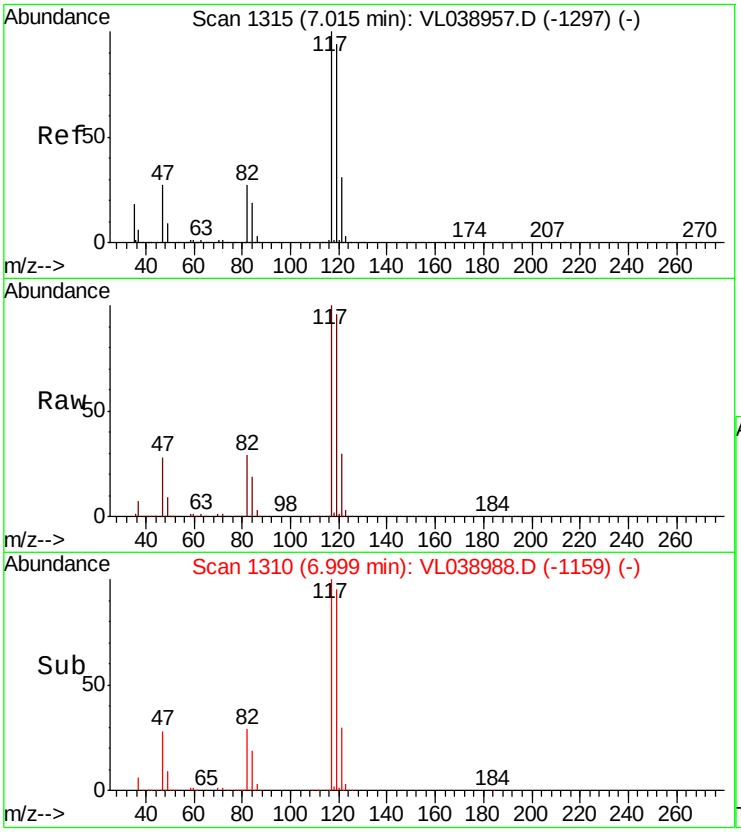


#34
2-Butanone
Concen: 9.891 ppbv
RT: 5.23 min Scan# 759
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion: 43 Resp: 1275404

Ion	Ratio	Lower	Upper
43	100		
72	22.4	17.8	26.6



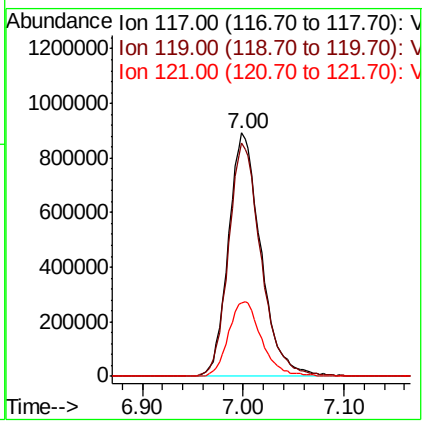


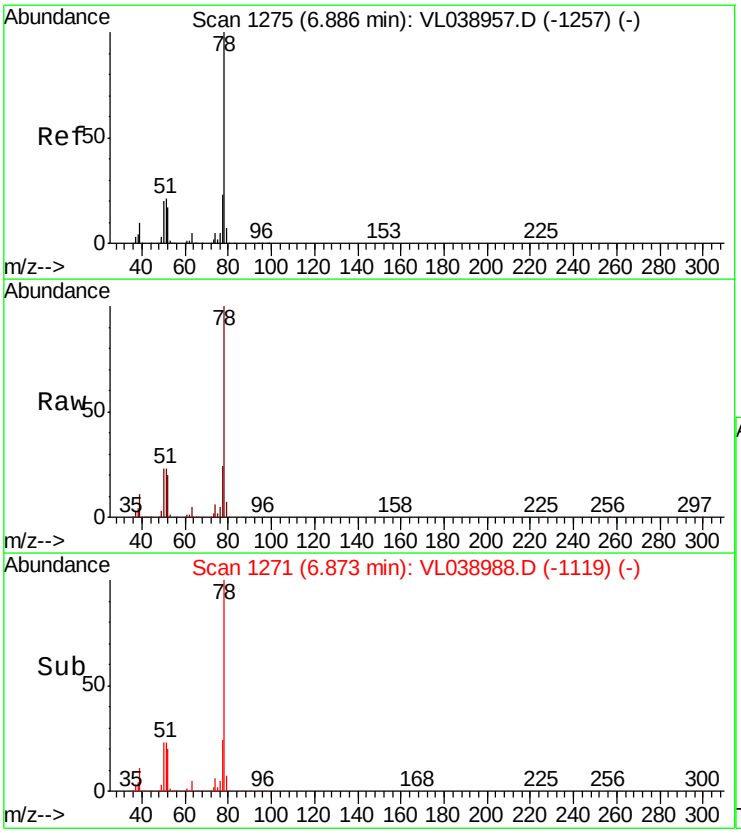
#35
Carbon Tetrachloride
Concen: 11.967 ppbv
RT: 7.00
Delta R.T
Lab File:
Acq: 9 May 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 1992981

Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.2	112.8
121	30.3	24.6	37.0

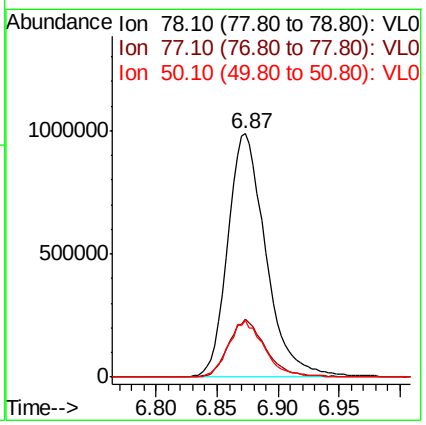


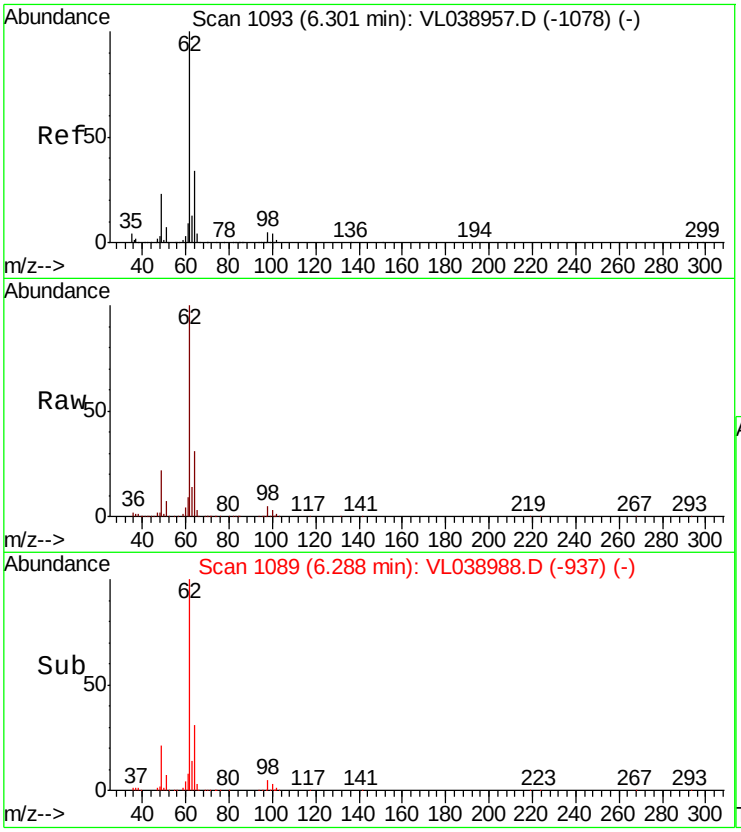


#36
Benzene
Concen: 9.861 ppbv
RT: 6.87 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion: 78 Resp: 2133099

Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.6	28.0
50	23.2	15.6	23.4



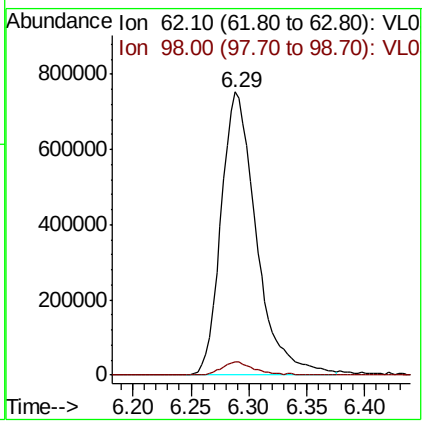


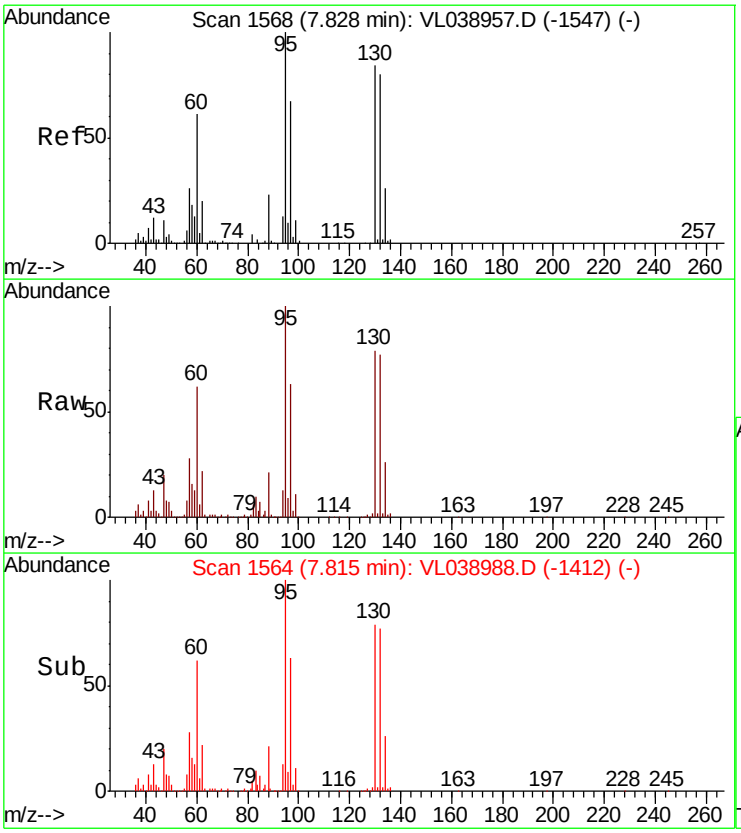
#37
1,2-Dichloroethane
Concen: 11.859 ppbv
RT: 6.29
Delta R.T
Lab File:
Acq: 9 May 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 1587126

Ion	Ratio	Lower	Upper
62	100		
98	4.5	4.5	6.7

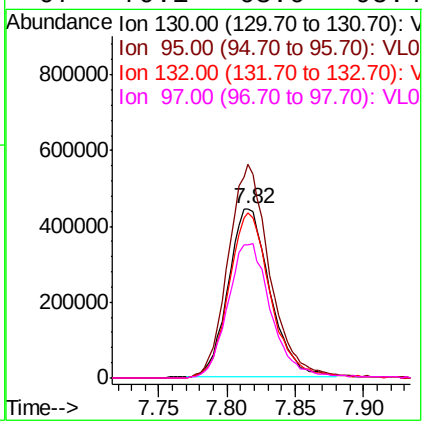


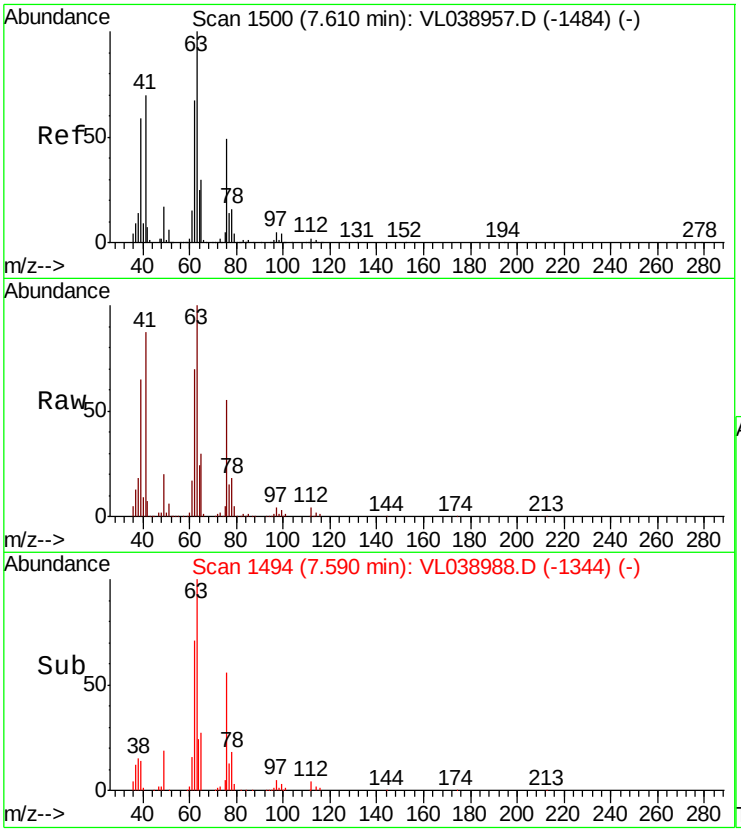


#38
Trichloroethene
Concen: 9.890 ppbv
RT: 7.82 min Scan# 1564
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion:130 Resp: 951020

Ion	Ratio	Lower	Upper
130	100		
95	126.2	94.8	142.2
132	97.6	75.8	113.8
97	79.1	63.6	95.4



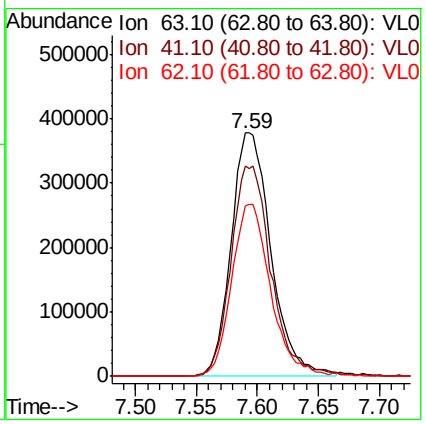


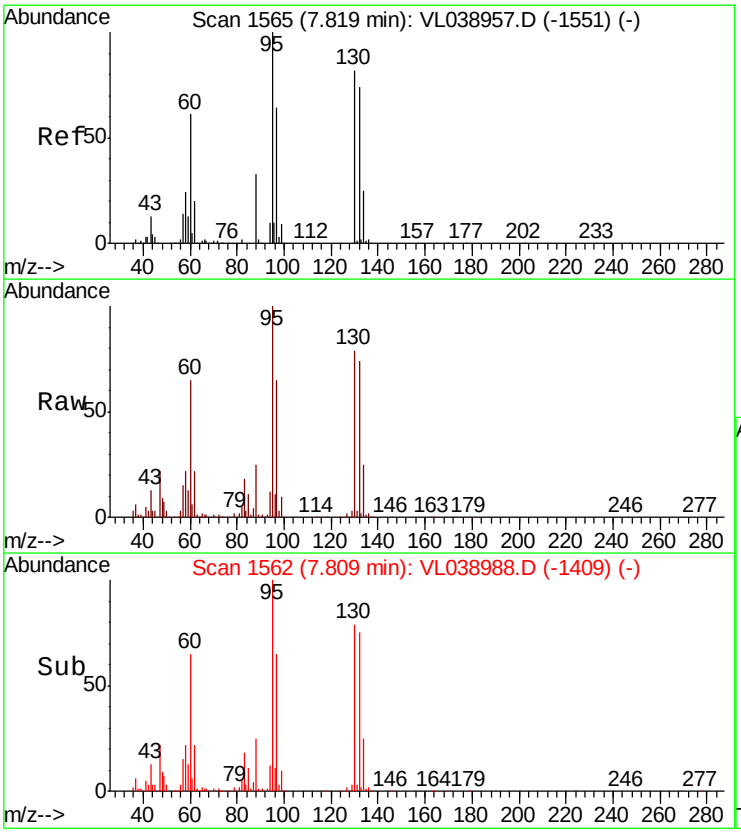
#39
1,2-Dichloropropane
Concen: 10.160 ppbv
RT: 7.59
Delta R.T
Lab File:
Acq: 9 May 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 63 Resp: 855108

Ion	Ratio	Lower	Upper
63	100		
41	86.6	55.9	83.9#
62	70.1	53.8	80.6

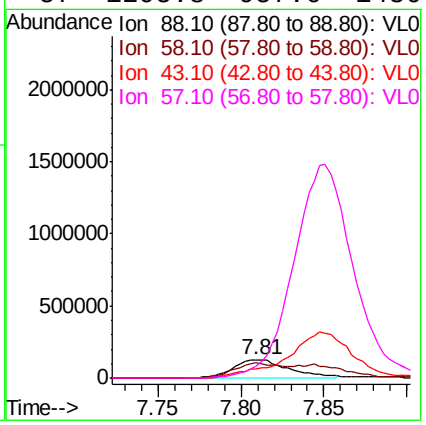


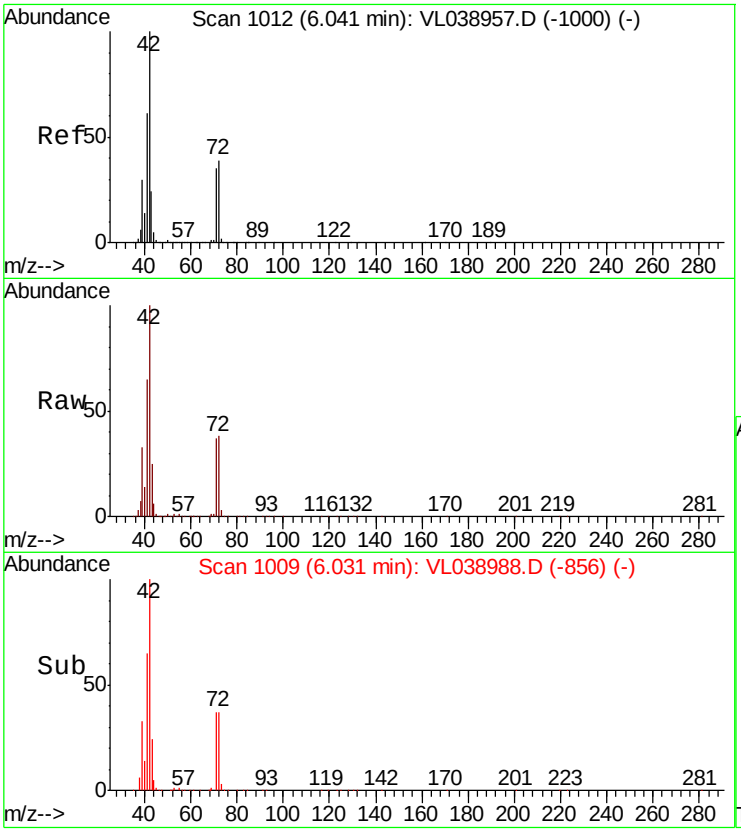


#40
1,4-Dioxane
Concen: 9.577 ppbv
RT: 7.81 min Scan# 1562
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion: 88 Resp: 289500

Ion	Ratio	Lower	Upper
88	100		
58	144.8	106.1	159.1
43	304.7	222.9	334.3
57	1295.8	957.6	1436.4



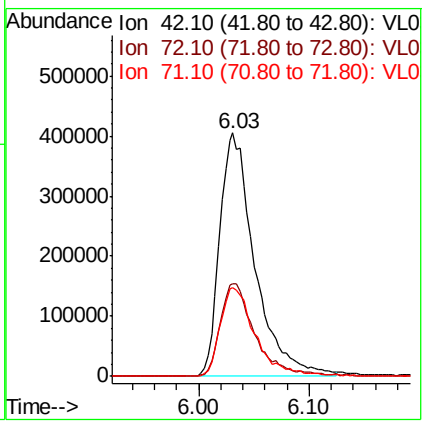


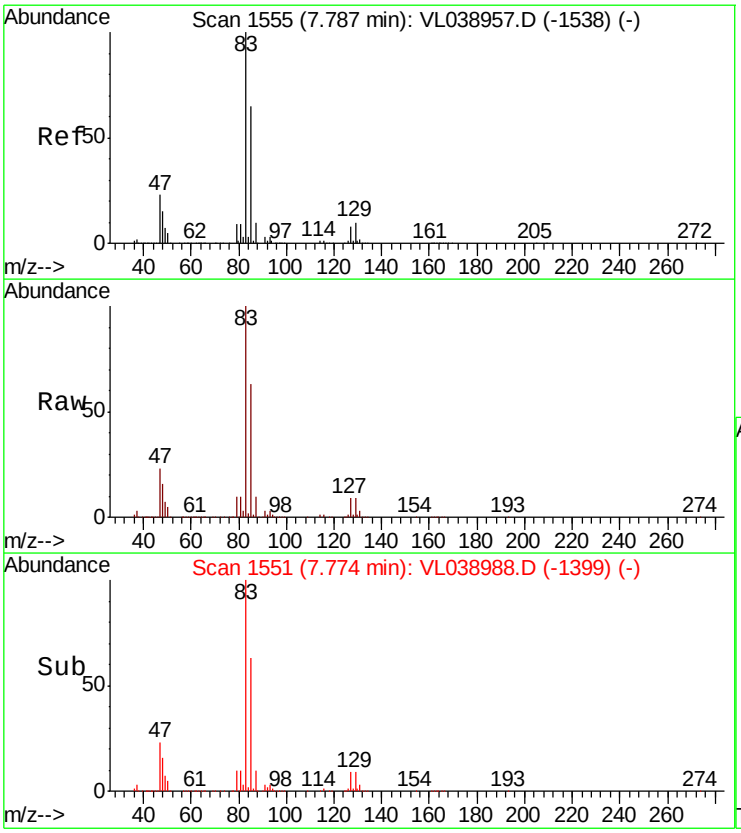
#41
Tetrahydrofuran
Concen: 10.307 ppbv
RT: 6.03
Delta R.T
Lab File:
Acq: 9 May 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 893301

Ion	Ratio	Lower	Upper
42	100		
72	38.1	31.8	47.6
71	37.1	30.6	45.8

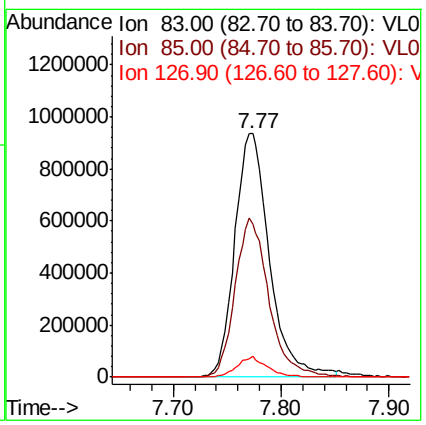


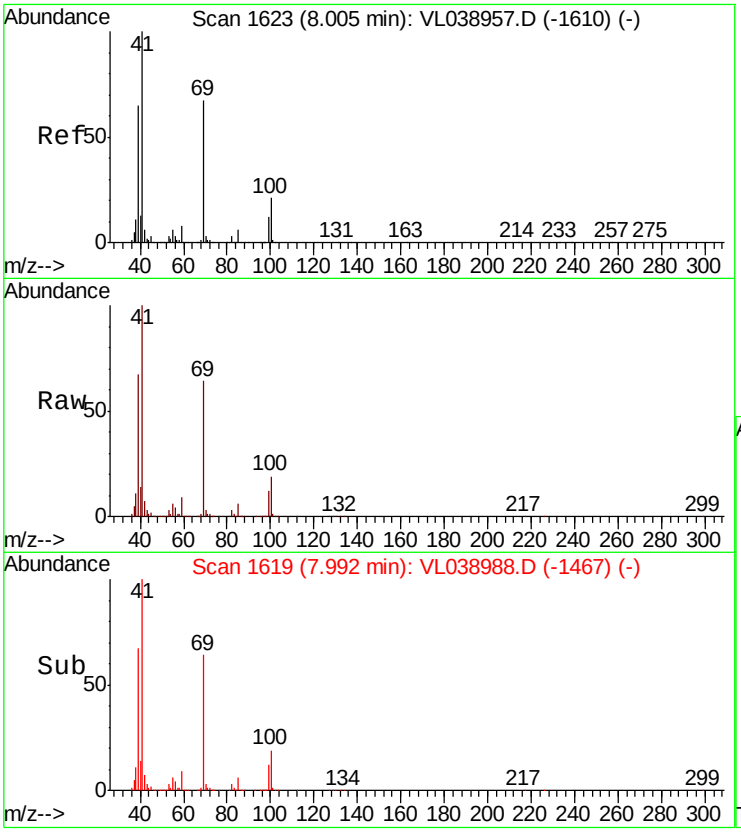


#42
Bromodichloromethane
Concen: 11.444 ppbv
RT: 7.77 min Scan# 1551
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion: 83 Resp: 2093910

Ion	Ratio	Lower	Upper
83	100		
85	62.6	52.0	78.0
127	8.6	6.0	9.0



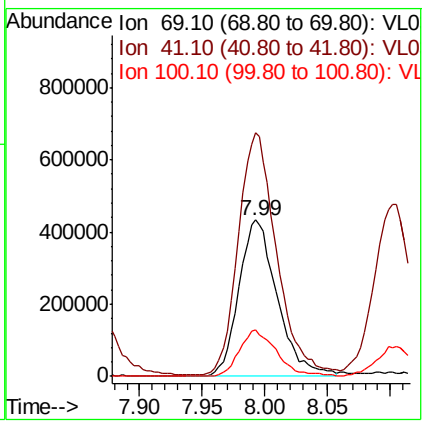


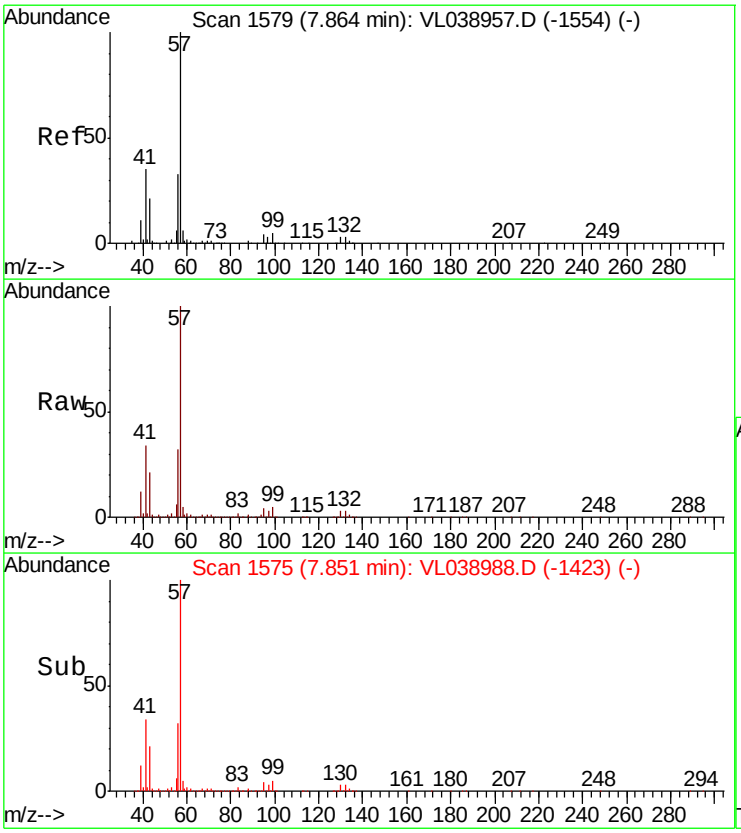
#43
Methyl Methacrylate
Concen: 10.473 ppbv
RT: 7.99
Delta R.T
Lab File:
Acq: 9 May 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 919678

Ion	Ratio	Lower	Upper
69	100		
41	156.6	121.9	182.9
100	28.8	24.6	36.8

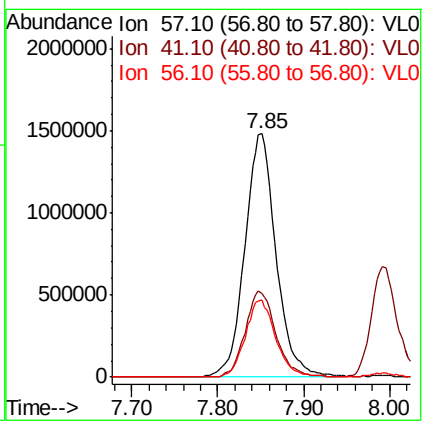


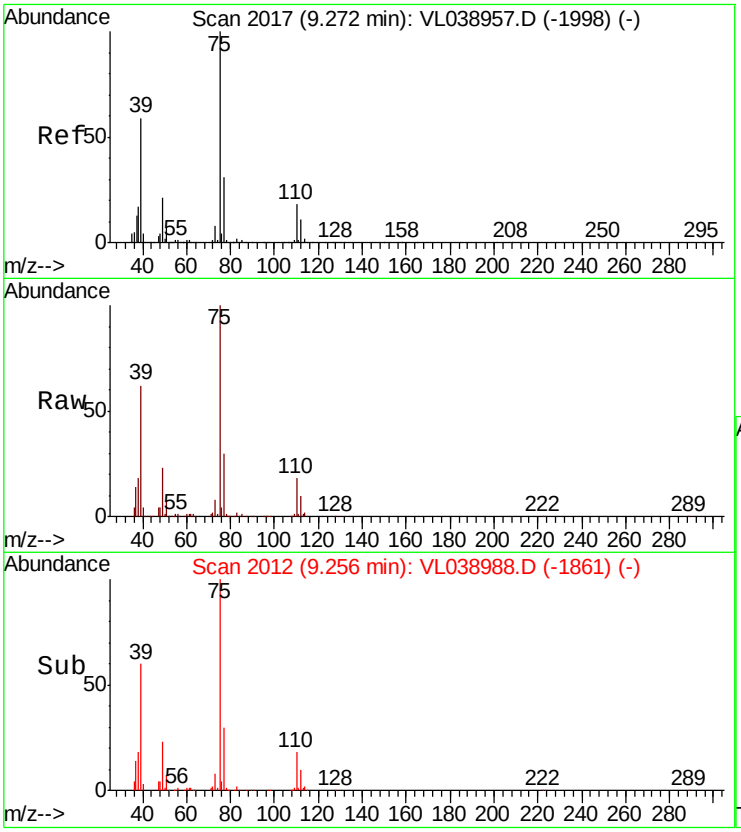


#44
2,2,4-Trimethylpentane
Concen: 9.855 ppbv
RT: 7.85 min Scan# 1575
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion: 57 Resp: 3740459

Ion	Ratio	Lower	Upper
57	100		
41	34.9	26.3	39.5
56	30.8	24.6	37.0



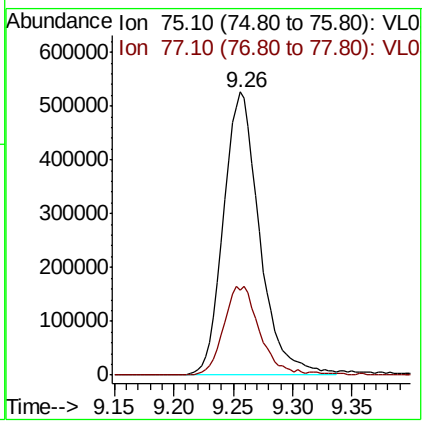


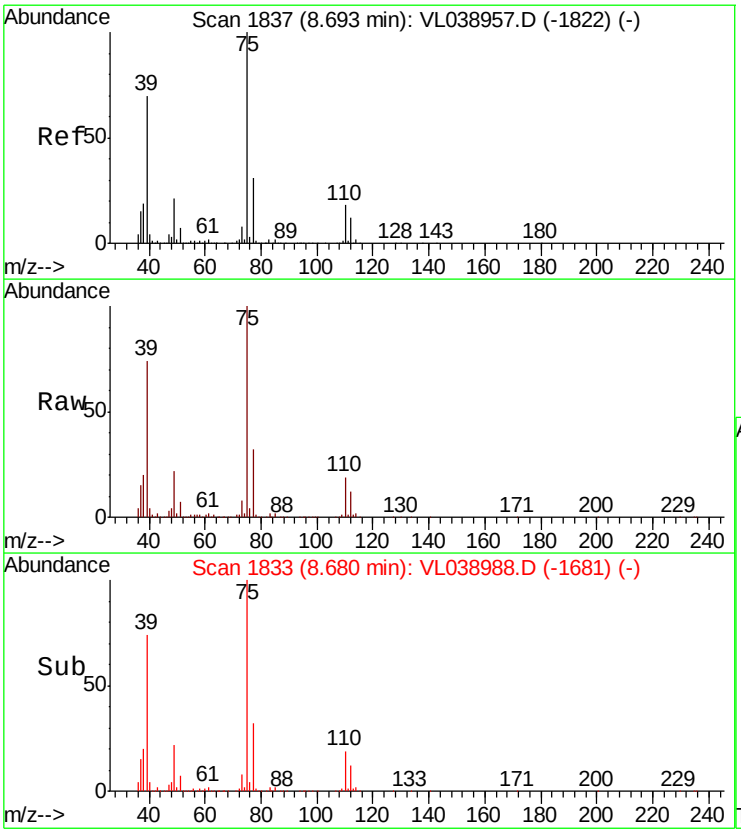
#45
t-1,3-Dichloropropene
Concen: 12.959 ppbv
RT: 9.26
Delta R.T
Lab File:
Acq: 9 May 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 1101563

Ion	Ratio	Lower	Upper
75	100		
77	30.0	24.6	37.0

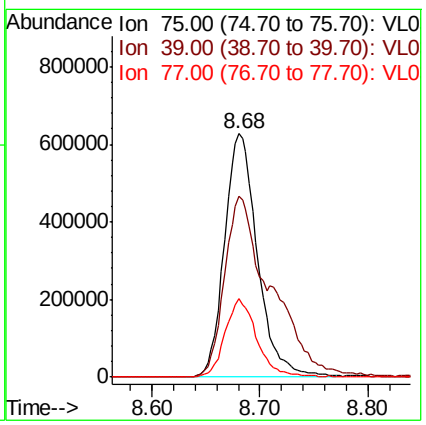


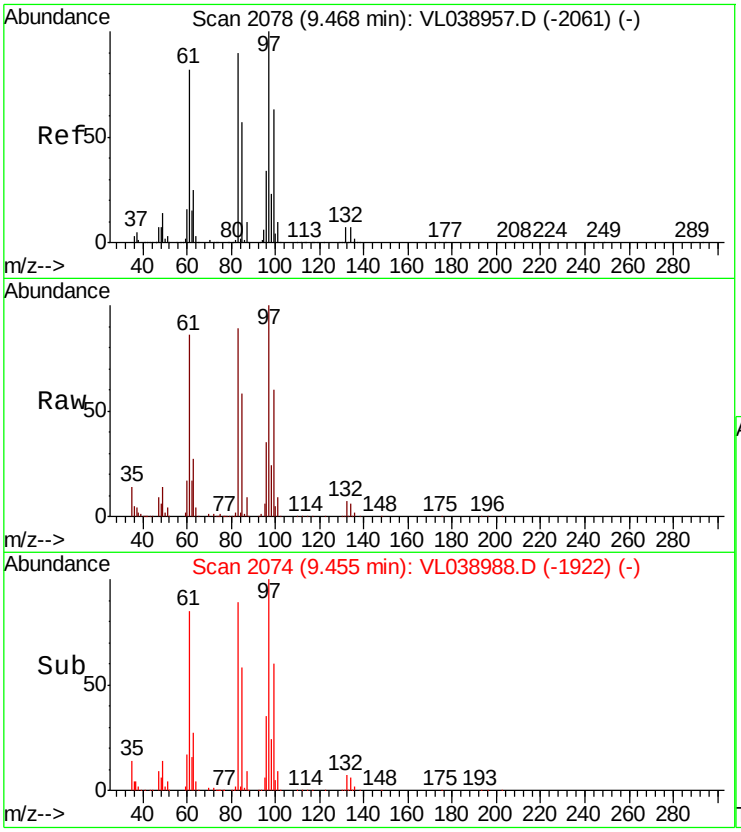


#46
cis-1,3-Dichloropropene
Concen: 11.868 ppbv
RT: 8.68 min Scan# 1833
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion: 75 Resp: 1337814

Ion	Ratio	Lower	Upper
75	100		
39	74.2	55.8	83.6
77	32.0	24.8	37.2



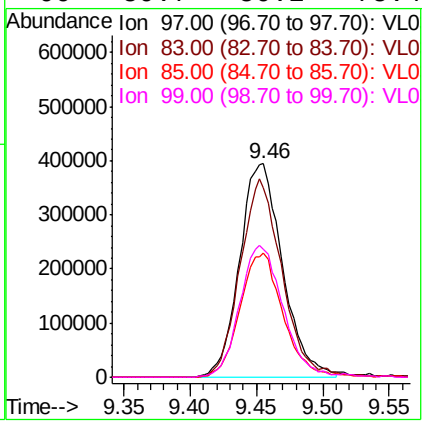


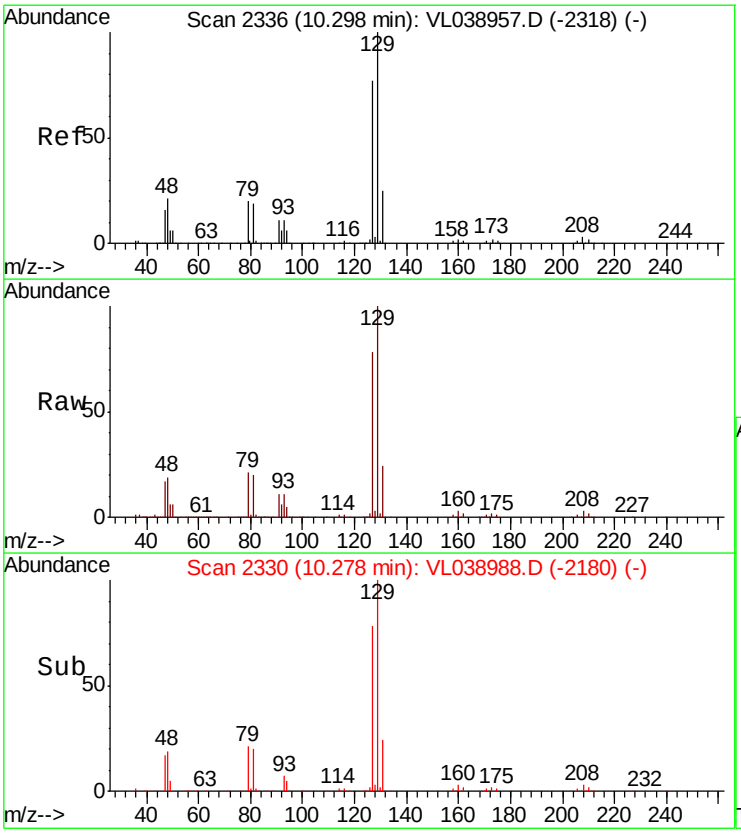
#47
1,1,2-Trichloroethane
Concen: 10.137 ppbv
RT: 9.46
Delta R.T
Lab File:
Acq: 9 May 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 97 Resp: 887335

Ion	Ratio	Lower	Upper
97	100		
83	88.8	72.0	108.0
85	58.0	45.7	68.5
99	59.7	50.2	75.4

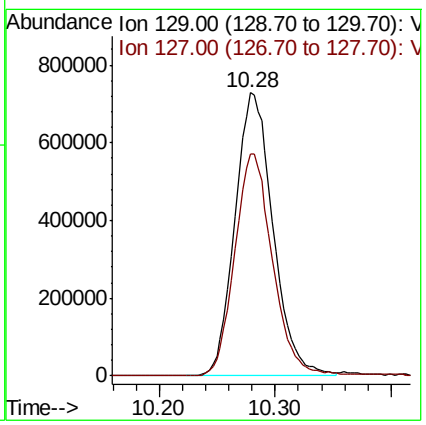


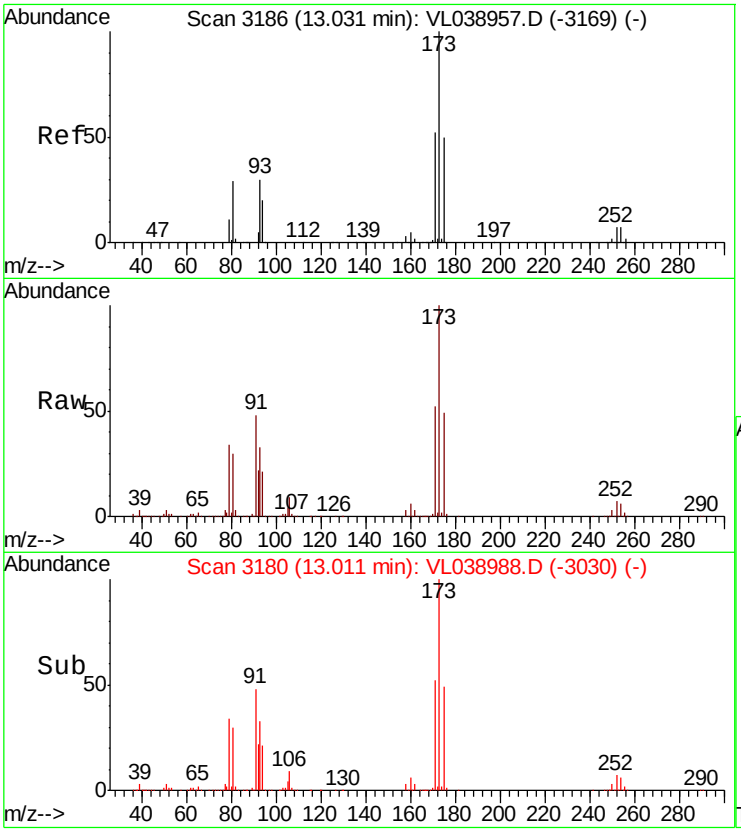


#48
Dibromochloromethane
Concen: 11.667 ppbv
RT: 10.28 min Scan# 2330
Delta R.T. -0.02 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion:129 Resp: 1662321

Ion	Ratio	Lower	Upper
129	100		
127	78.5	39.3	117.9



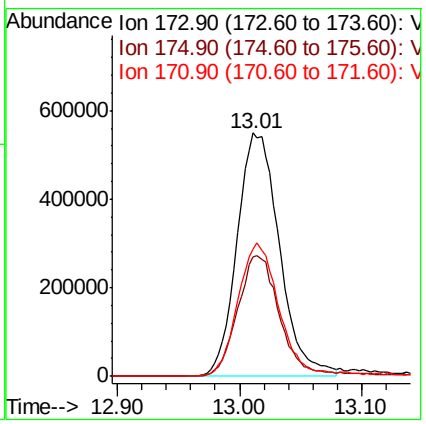


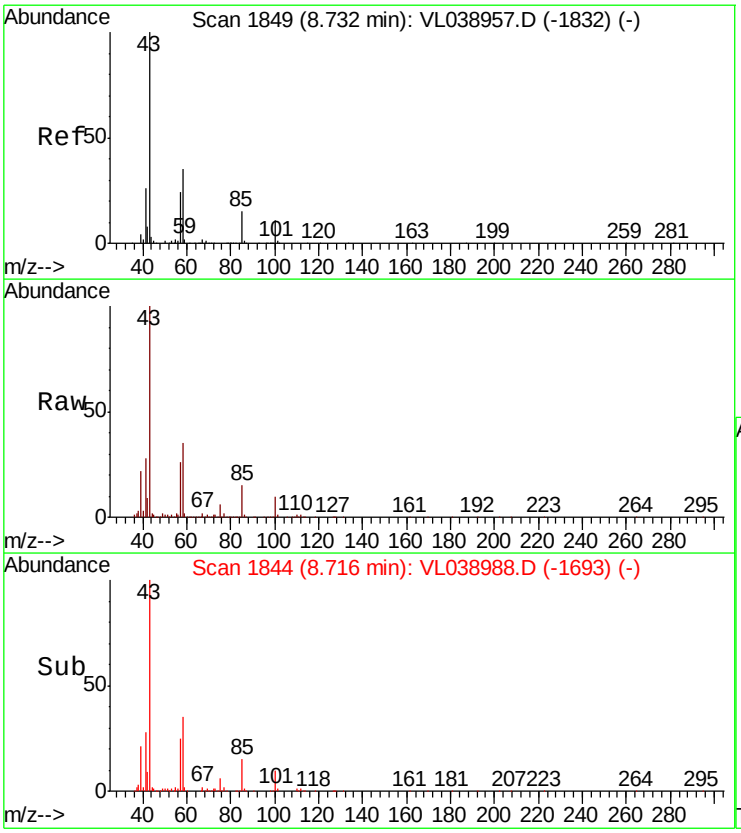
#49
Bromoform
Concen: 12.146 ppbv
RT: 13.01
Delta R.T
Lab File:
Acq: 9 May 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 1319802

Ion	Ratio	Lower	Upper
173	100		
175	51.0	41.0	61.6
171	53.5	42.6	64.0

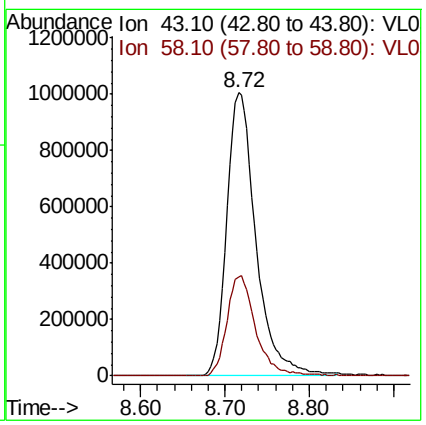


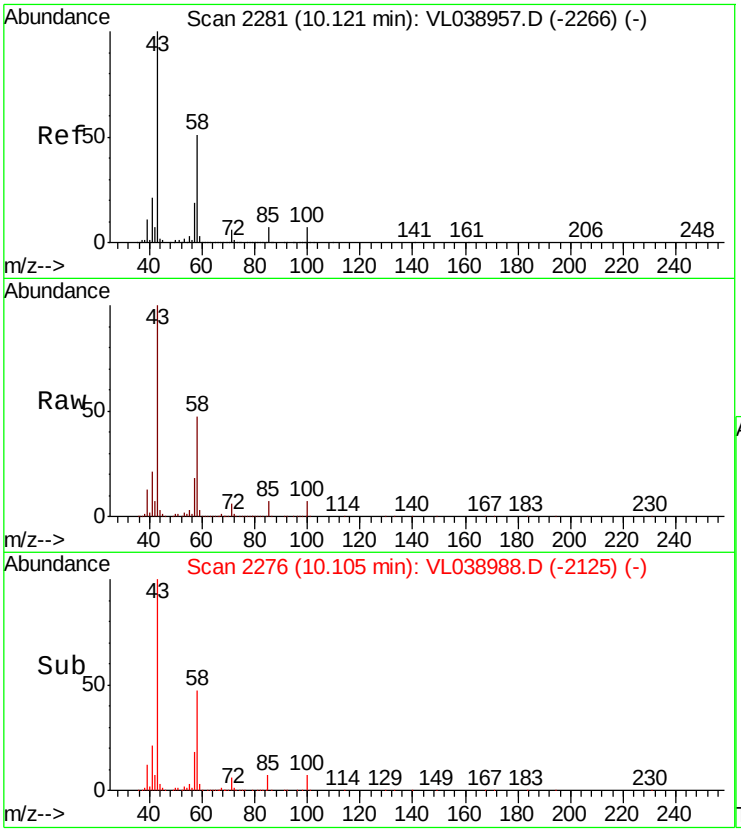


#50
4-Methyl-2-Pentanone
Concen: 10.724 ppbv
RT: 8.72 min Scan# 1844
Delta R.T. -0.02 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion: 43 Resp: 2425010

Ion	Ratio	Lower	Upper
43	100		
58	35.1	28.4	42.6



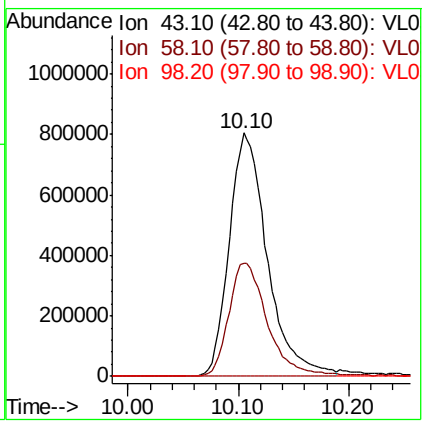


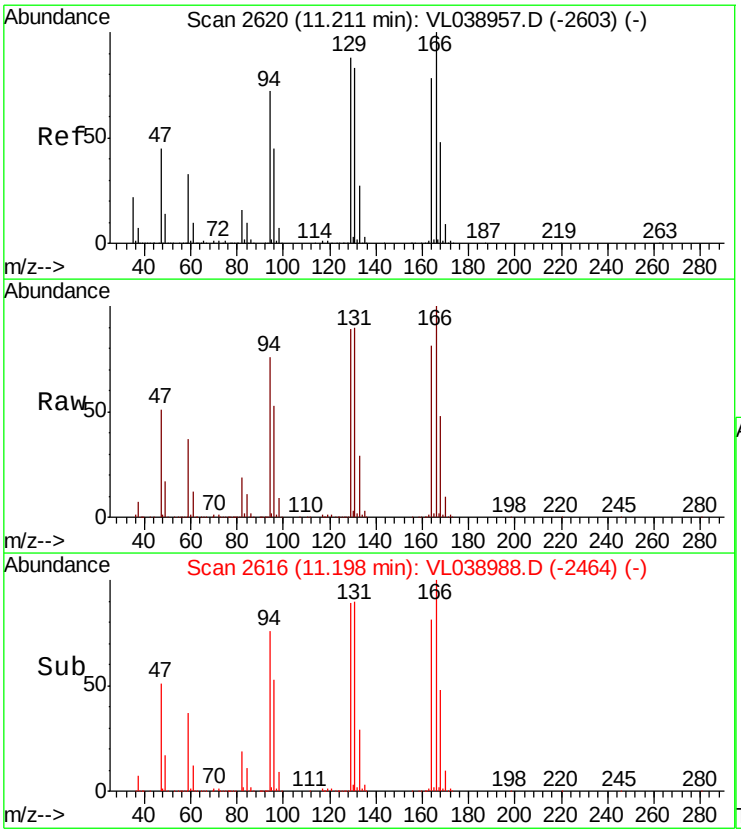
#51
2-Hexanone
Concen: 11.686 ppbv
RT: 10.10
Delta R.T
Lab File:
Acq: 9 May 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1928513

Ion	Ratio	Lower	Upper
43	100		
58	48.1	39.3	58.9
98	0.3	0.2	0.2#

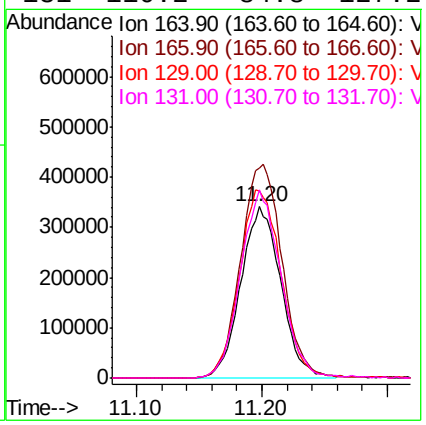


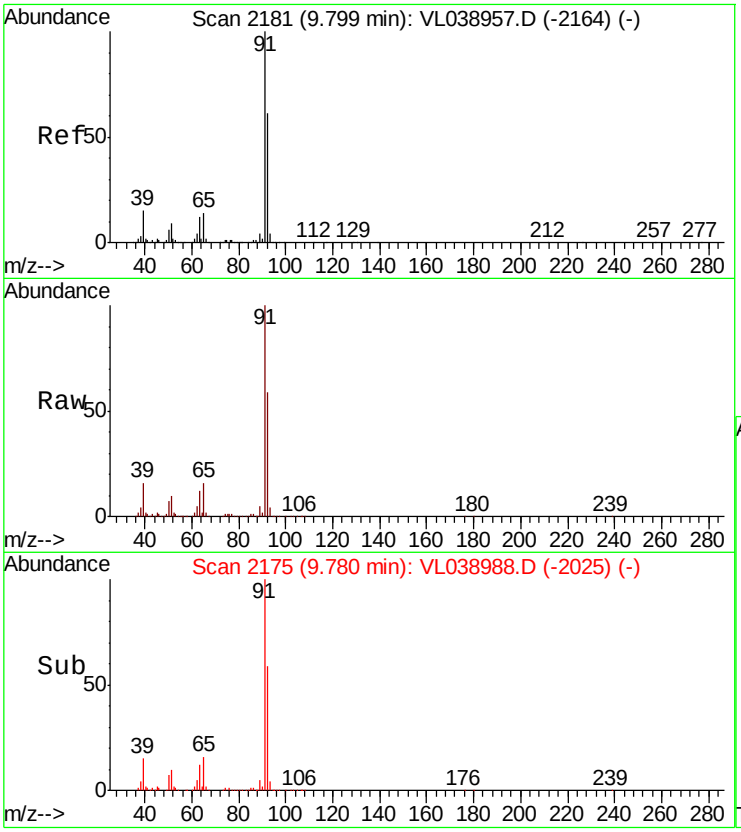


#52
Tetrachloroethene
Concen: 9.745 ppbv
RT: 11.20 min Scan# 2616
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion:164 Resp: 753266

Ion	Ratio	Lower	Upper
164	100		
166	123.1	102.5	153.7
129	109.6	90.1	135.1
131	110.2	84.8	127.2



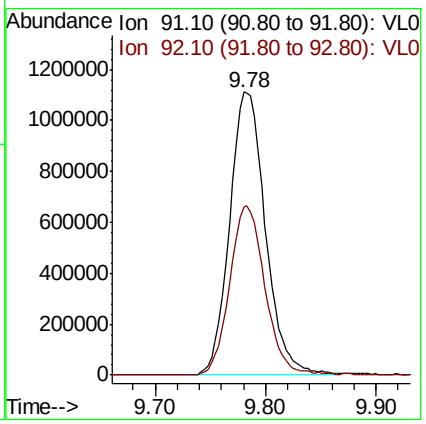


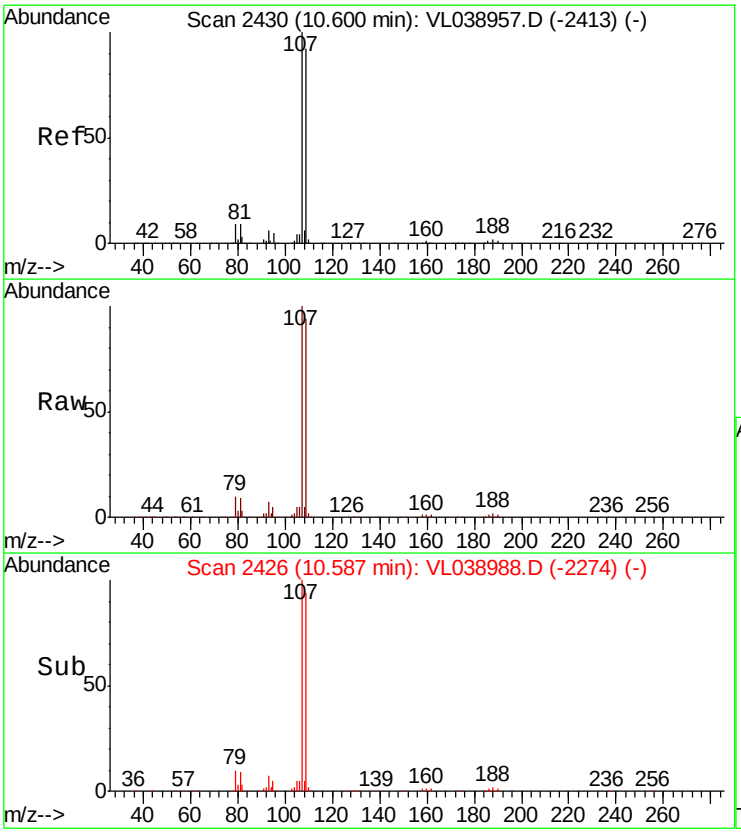
#53
Toluene
Concen: 10.309 ppbv
RT: 9.78
Delta R.T
Lab File:
Acq: 9 May 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2499288

Ion	Ratio	Lower	Upper
91	100		
92	59.6	48.2	72.2

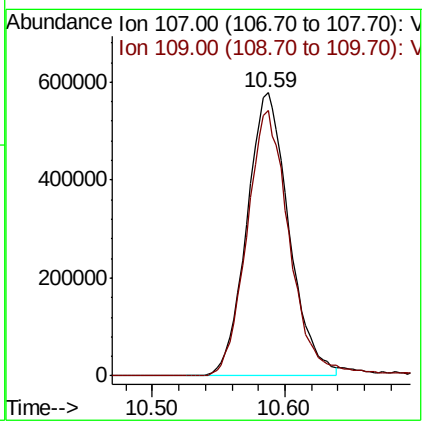


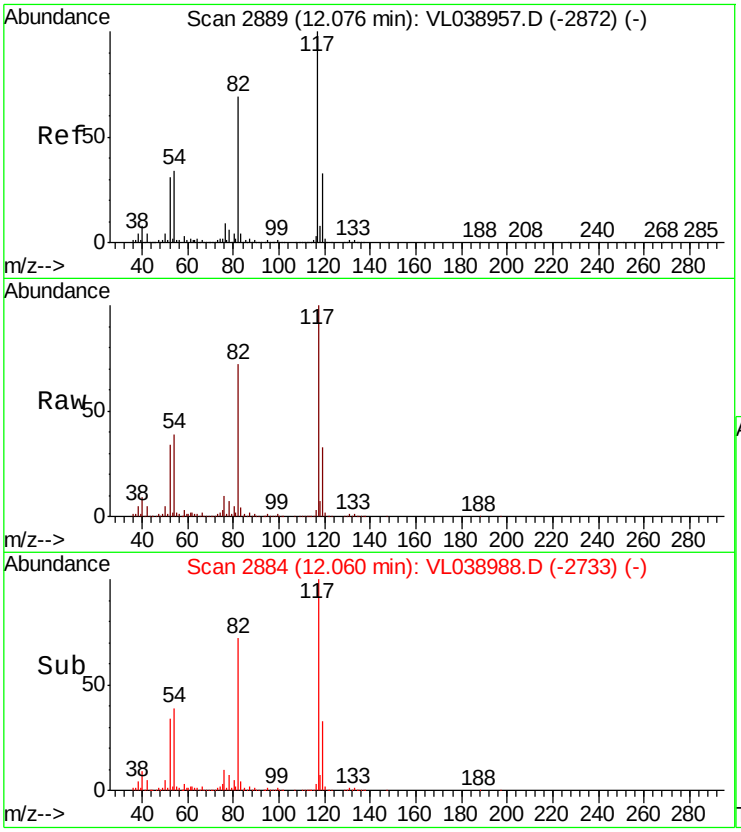


#54
1,2-Dibromoethane
Concen: 10.749 ppbv
RT: 10.59 min Scan# 2426
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion:107 Resp: 1280985

Ion	Ratio	Lower	Upper
107	100		
109	93.6	73.8	110.8



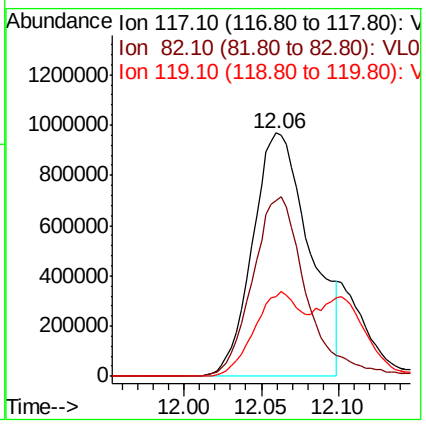


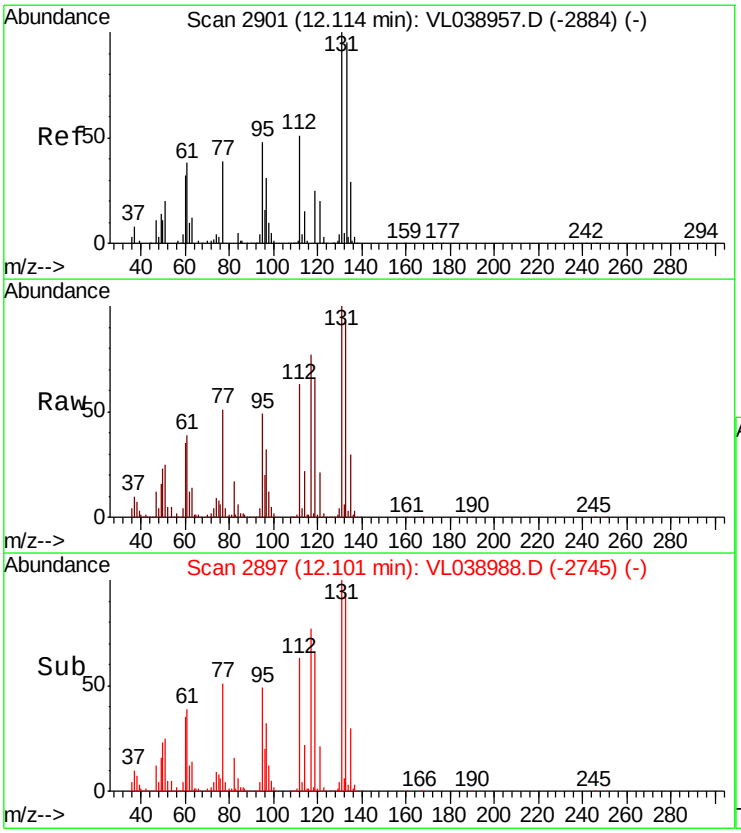
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06
Delta R.T
Lab File:
Acq: 9 May 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 2502564

Ion	Ratio	Lower	Upper
117	100		
82	71.2	57.0	85.6
119	28.1	27.2	40.8

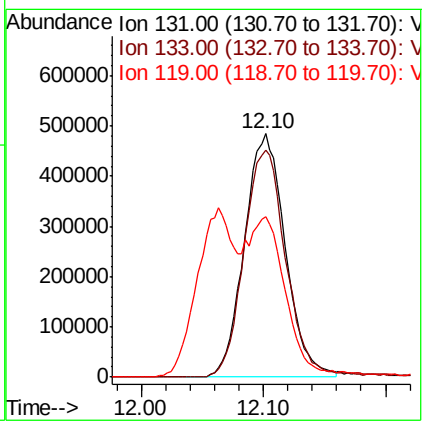


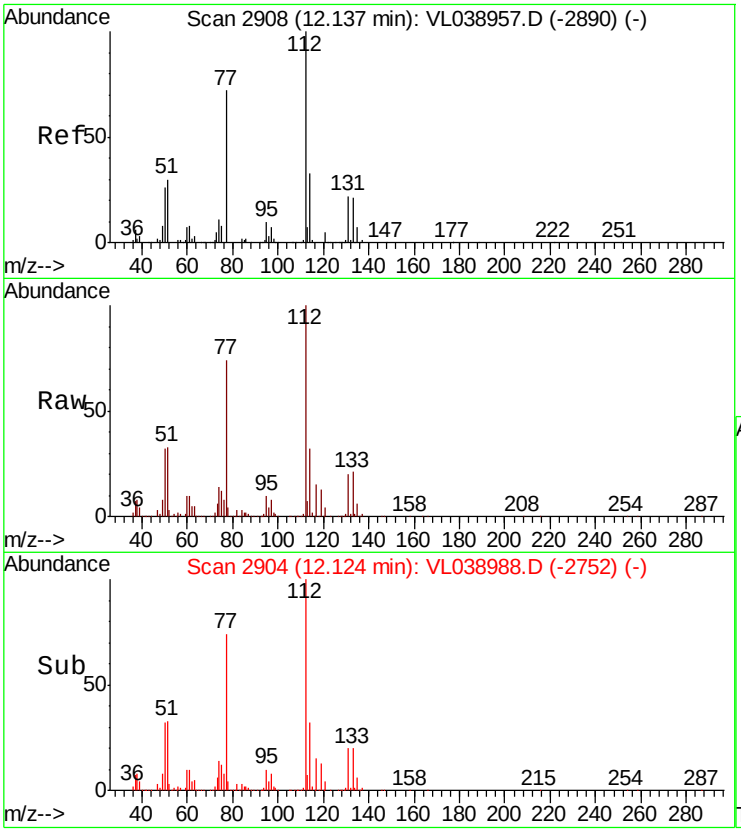


#56
1,1,1,2-Tetrachloroethane
Concen: 10.213 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion:131 Resp: 1121399

Ion	Ratio	Lower	Upper
131	100		
133	97.5	76.9	115.3
119	61.0	47.4	71.0



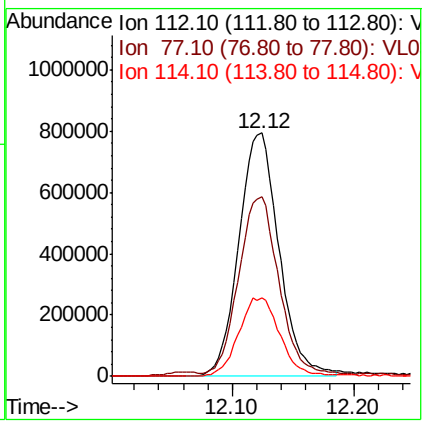


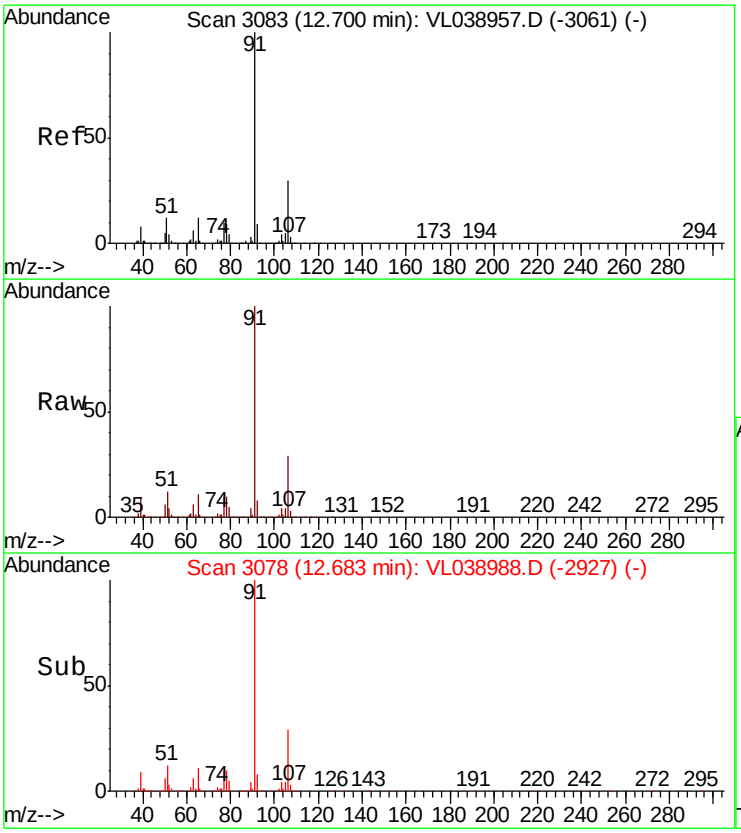
#57
Chlorobenzene
Concen: 9.616 ppbv
RT: 12.12
Delta R.T
Lab File:
Acq: 9 May 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 1803917

Ion	Ratio	Lower	Upper
112	100		
77	72.4	57.7	86.5
114	32.1	30.1	36.7

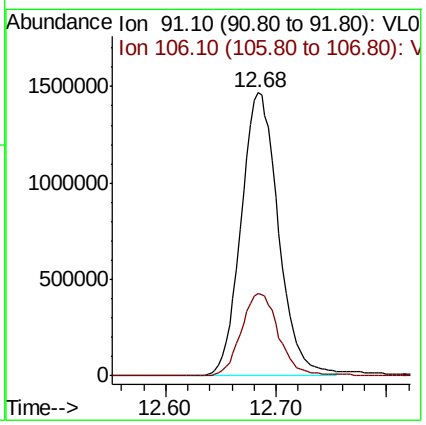


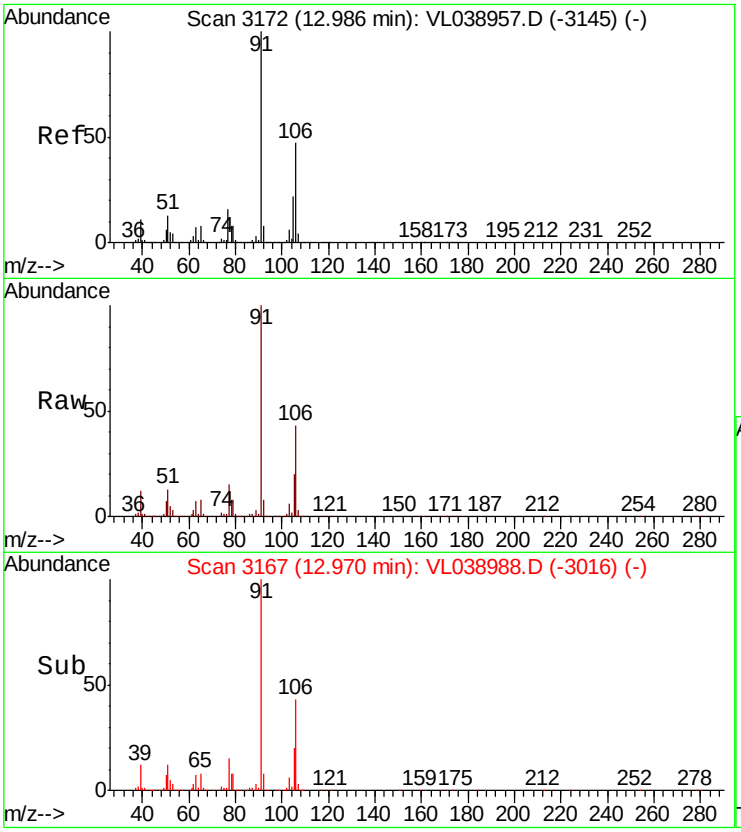


#58
Ethyl Benzene
Concen: 9.556 ppbv
RT: 12.68 min Scan# 3078
Delta R.T. -0.02 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion: 91 Resp: 3441562

Ion	Ratio	Lower	Upper
91	100		
106	29.3	24.2	36.4



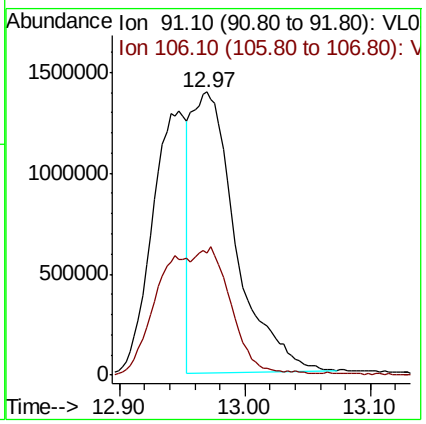


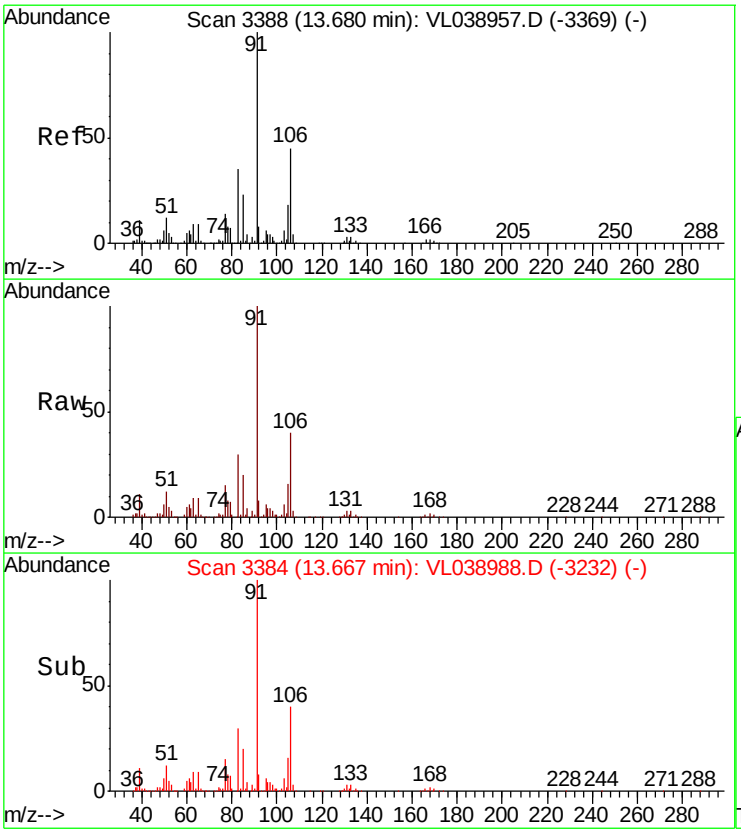
#59
m/p-Xylene
Concen: 11.113 ppbv
RT: 12.97
Delta R.T
Lab File:
Acq: 9 May 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 3416647

Ion	Ratio	Lower	Upper
91	100		
106	74.4	34.6	52.0#

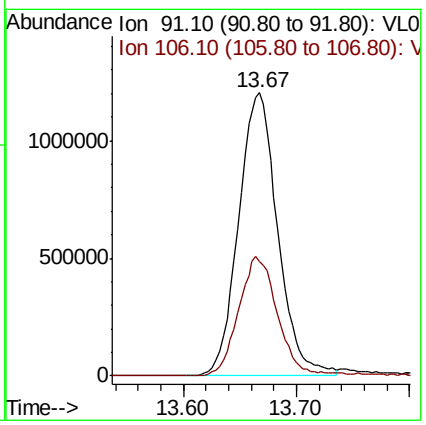


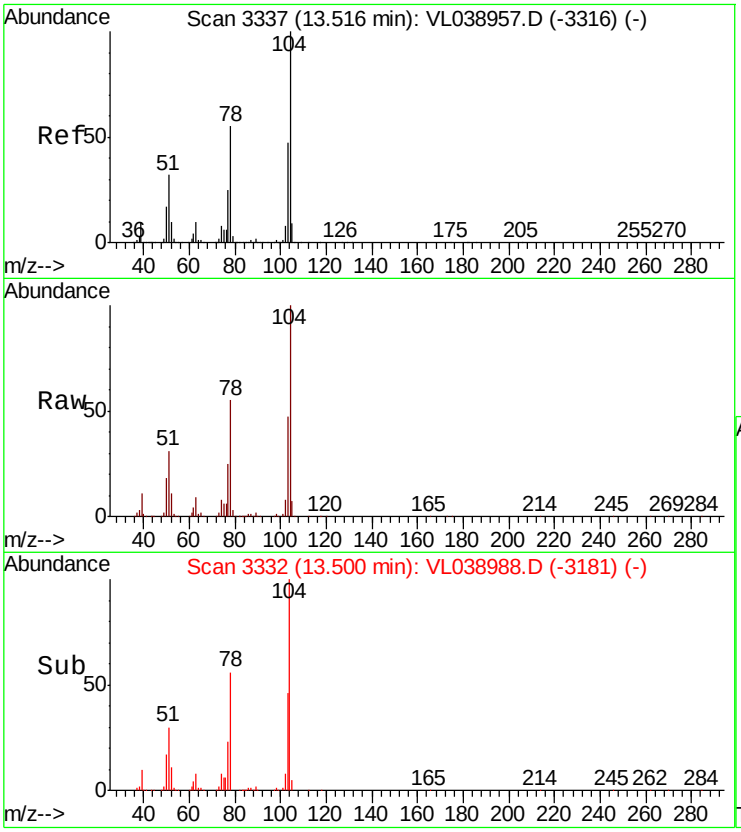


#60
o-Xylene
Concen: 9.977 ppbv
RT: 13.67 min Scan# 3384
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion: 91 Resp: 2887095

Ion	Ratio	Lower	Upper
91	100		
106	43.1	22.2	66.6



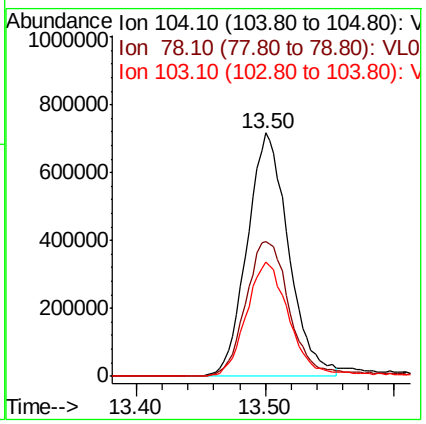


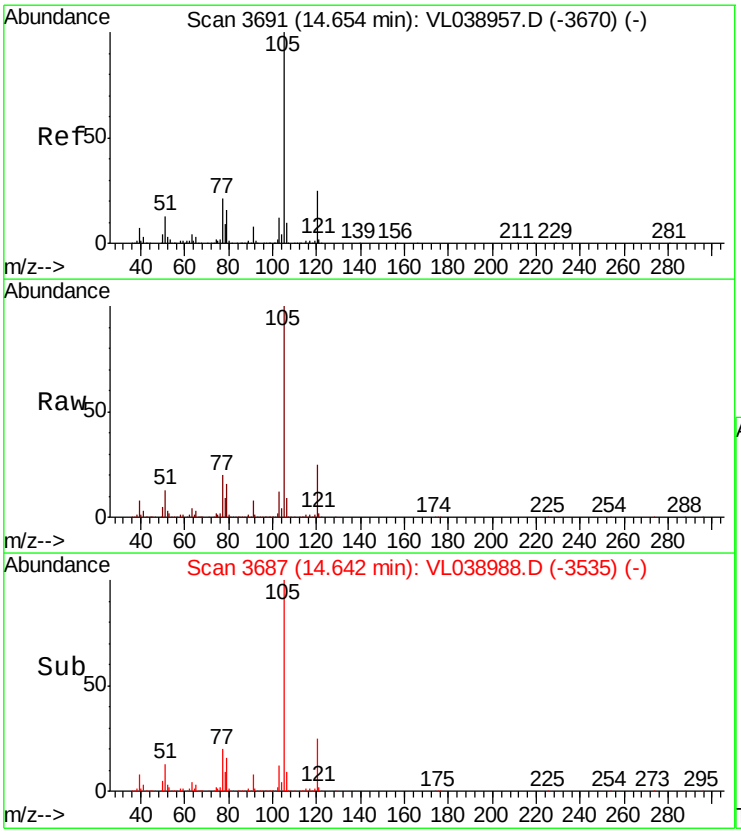
#61
Stvrene
Concen: 10.379 ppbv
RT: 13.50
Delta R.T
Lab File:
Acq: 9 May 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 1603470

Ion	Ratio	Lower	Upper
104	100		
78	60.0	46.4	69.6
103	49.4	39.3	58.9

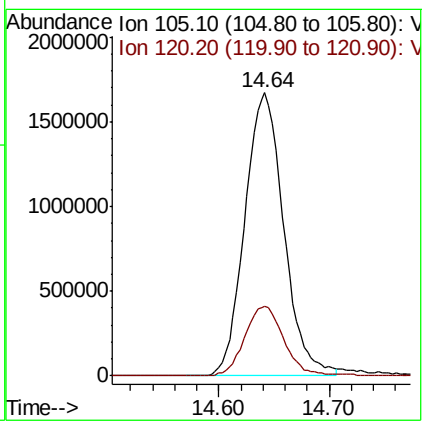


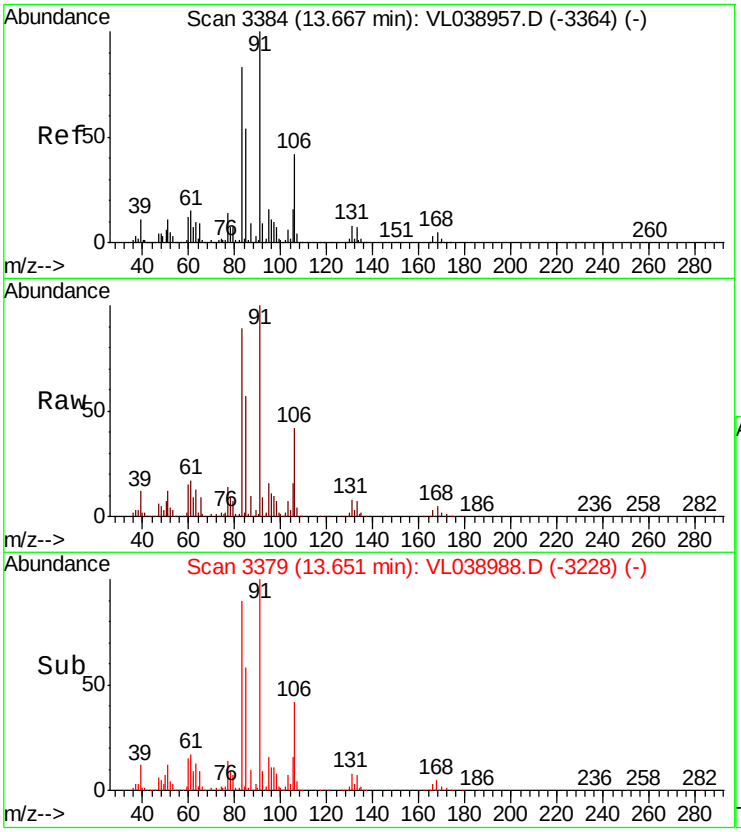


#62
Isopropylbenzene
Concen: 9.684 ppbv
RT: 14.64 min Scan# 3687
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion:105 Resp: 4098103

Ion	Ratio	Lower	Upper
105	100		
120	25.1	20.5	30.7



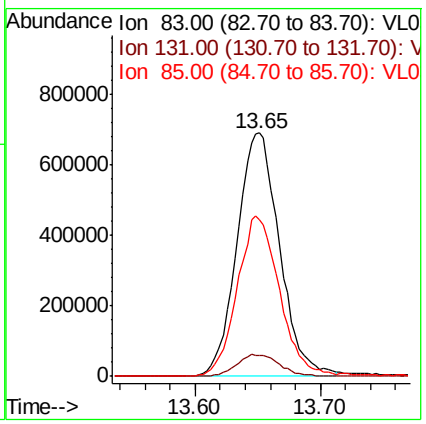


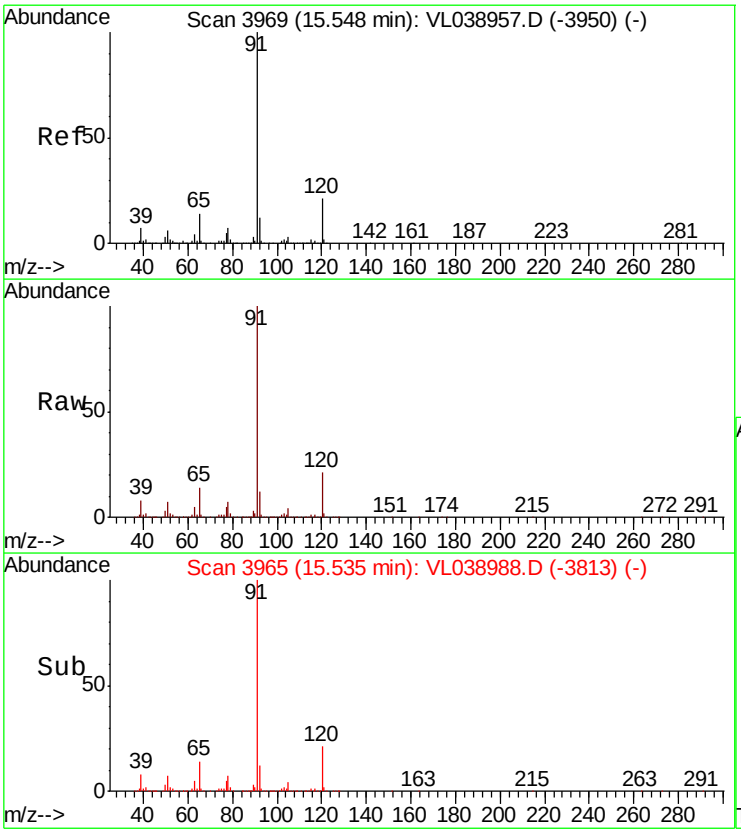
#63
1,1,2,2-Tetrachloroethane
Concen: 9.514 ppbv
RT: 13.65
Delta R.T
Lab File:
Acq: 9 May 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1621152

Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.5	13.7
85	66.8	32.8	98.3

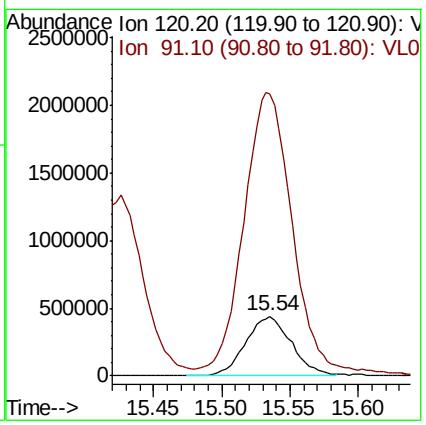


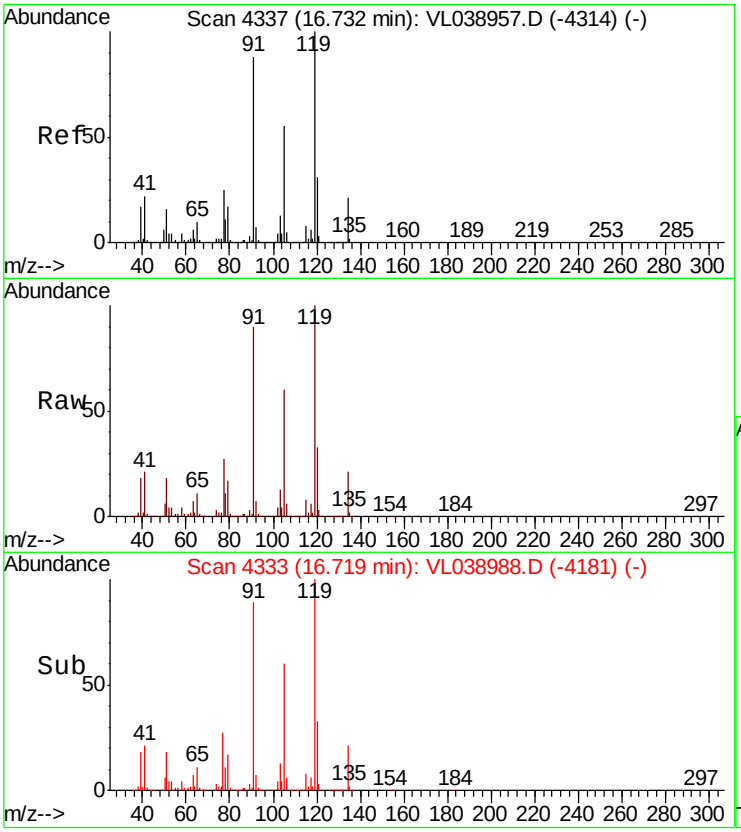


#64
n-propylbenzene
Concen: 9.950 ppbv
RT: 15.54 min Scan# 3965
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion:120 Resp: 1017975

Ion	Ratio	Lower	Upper
120	100		
91	516.0	400.6	601.0



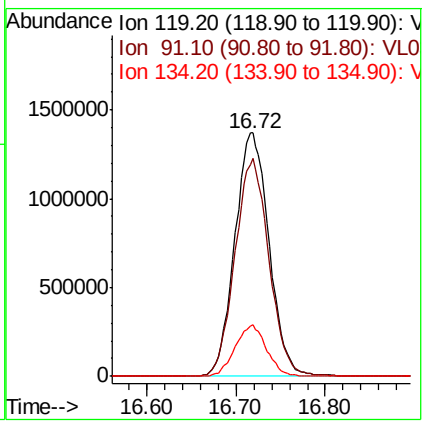


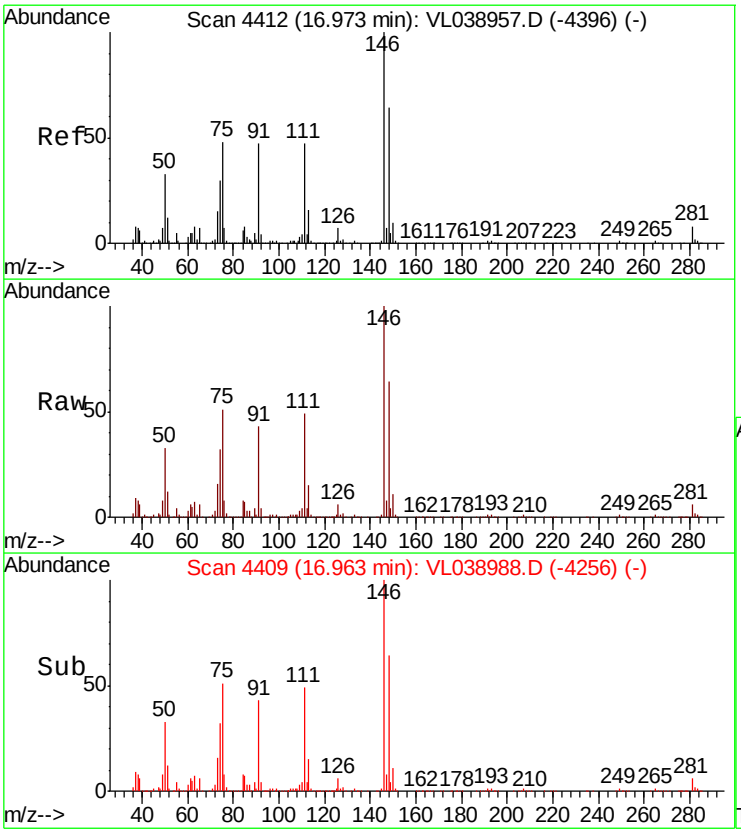
#65
tert-Butylbenzene
Concen: 9.848 ppbv
RT: 16.72
Delta R.T
Lab File:
Acq: 9 May 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 3651499

Ion	Ratio	Lower	Upper
119	100		
91	89.1	69.4	104.2
134	19.4	15.8	23.8

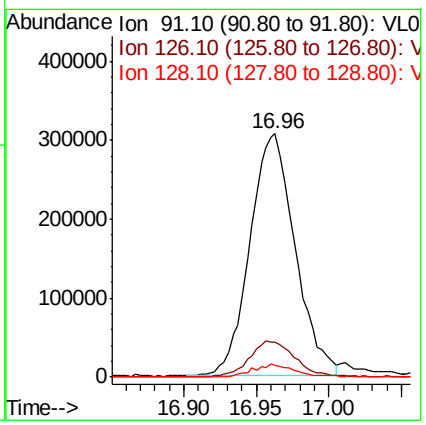


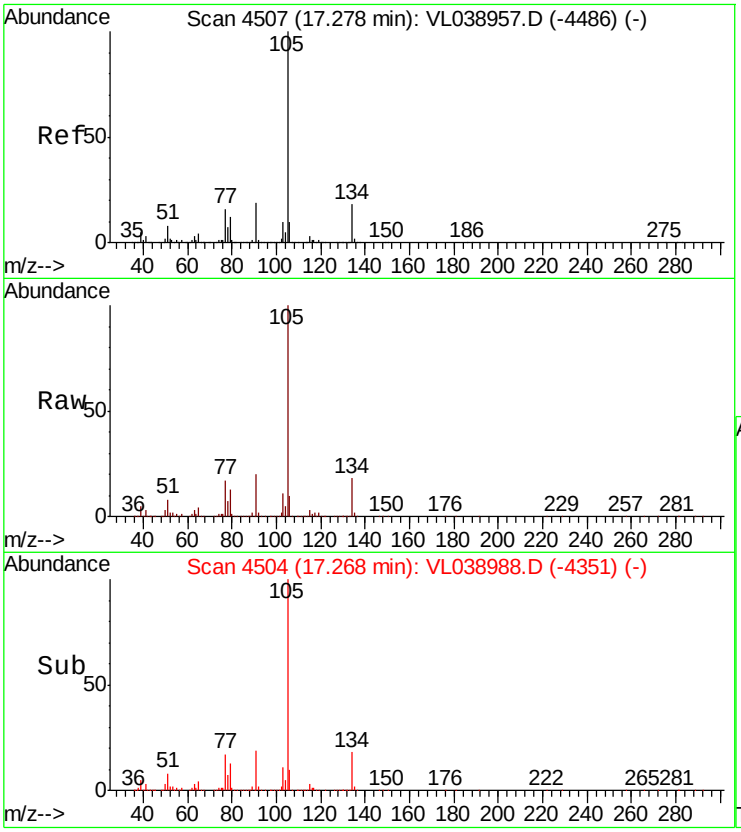


#66
Benzyl Chloride
Concen: 13.677 ppbv
RT: 16.96 min Scan# 4409
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion: 91 Resp: 662869

Ion	Ratio	Lower	Upper
91	100		
126	15.5	11.8	17.6
128	5.2	4.2	6.2



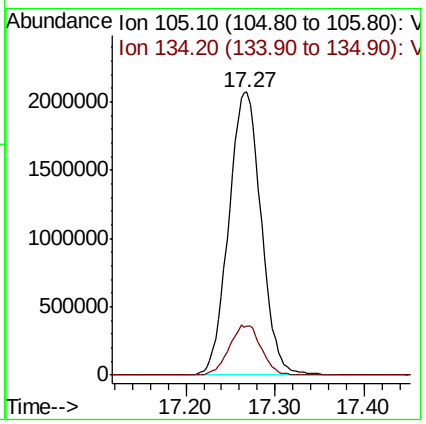


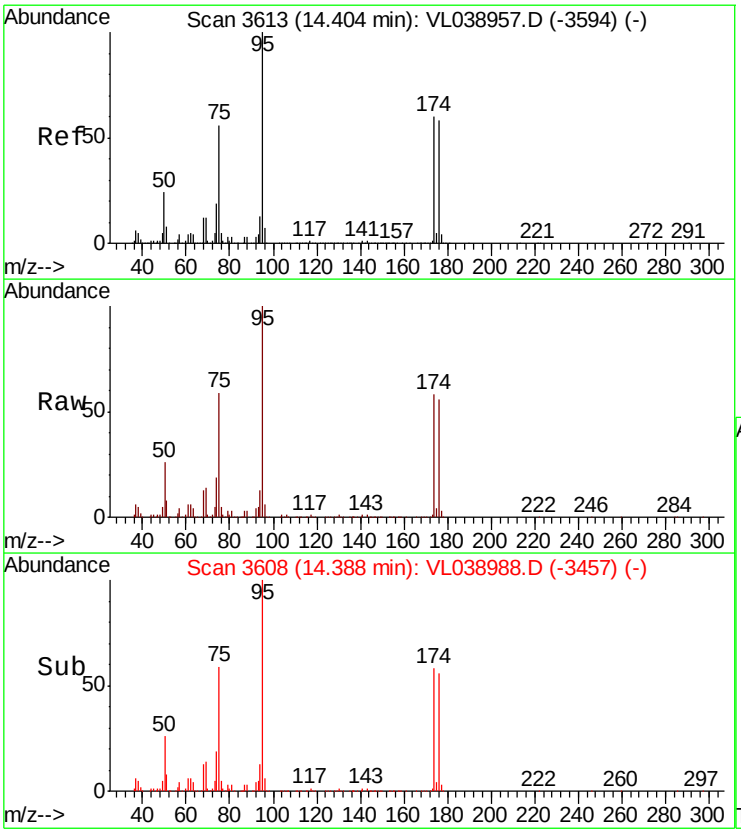
#67
sec-Butylbenzene
Concen: 9.853 ppbv
RT: 17.27
Delta R.T
Lab File:
Acq: 9 May 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 5219621

Ion	Ratio	Lower	Upper
105	100		
134	17.5	14.2	21.4

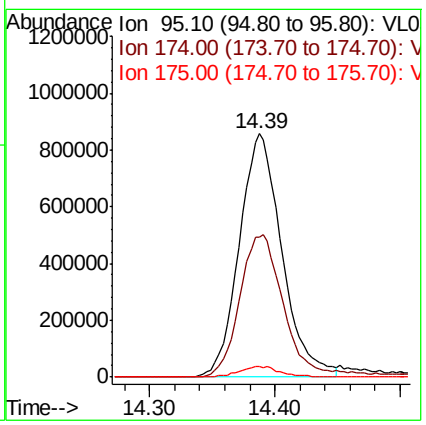


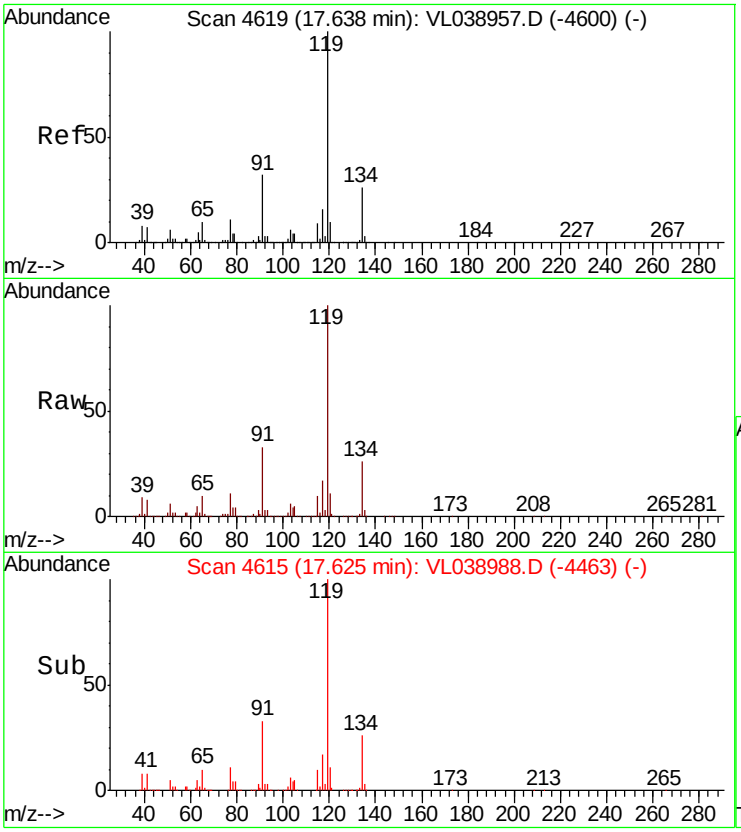


#68
1-Bromo-4-Fluorobenzene
Concen: 10.166 ppbv
RT: 14.39 min Scan# 3608
Delta R.T. -0.02 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion: 95 Resp: 2014900

Ion	Ratio	Lower	Upper
95	100		
174	62.6	50.8	76.2
175	4.6	3.8	5.6



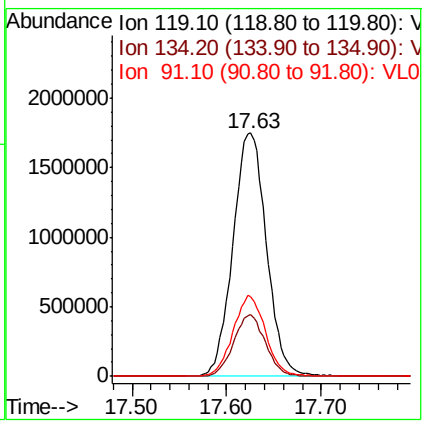


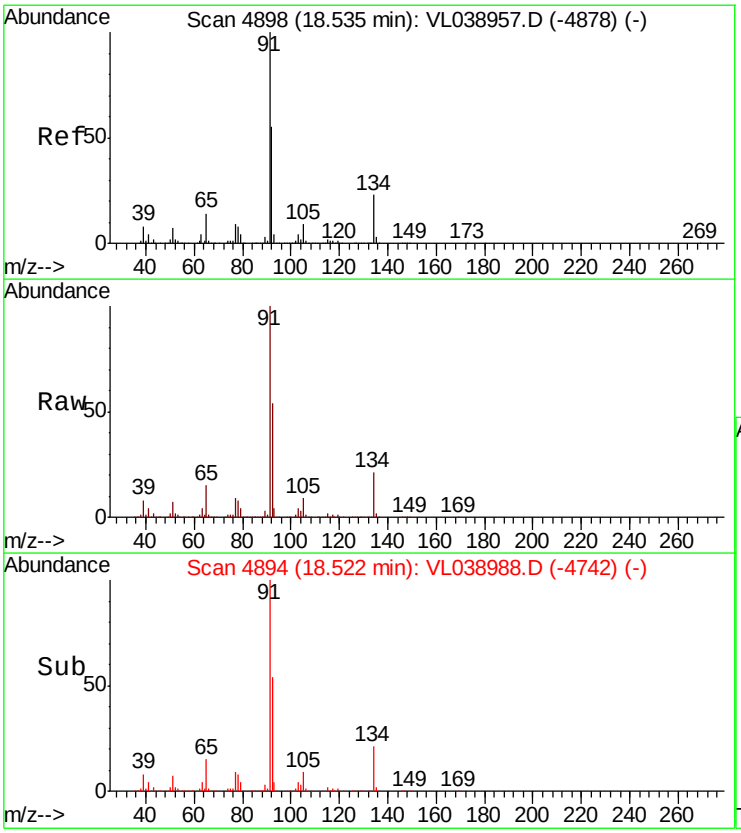
#69
p-Isopropyltoluene
Concen: 10.068 ppbv
RT: 17.63
Delta R.T
Lab File:
Acq: 9 May 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 4308510

Ion	Ratio	Lower	Upper
119	100		
134	24.2	20.0	30.0
91	32.0	24.8	37.2

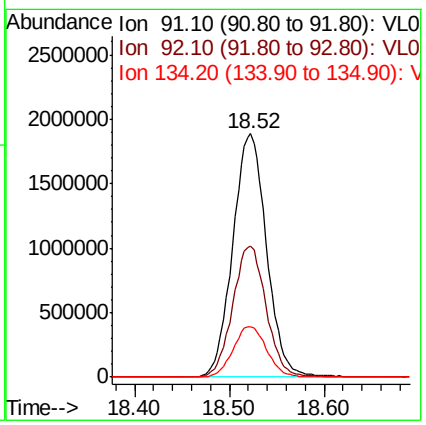


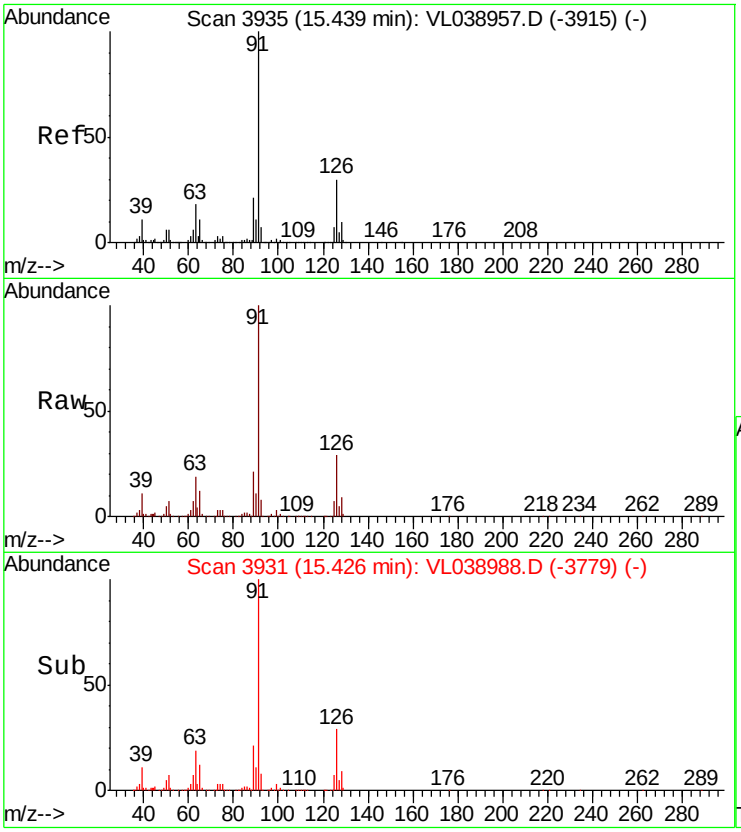


#70
n-Butylbenzene
Concen: 10.287 ppbv
RT: 18.52 min Scan# 4894
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion: 91 Resp: 4677093

Ion	Ratio	Lower	Upper
91	100		
92	53.5	43.1	64.7
134	20.9	17.0	25.4



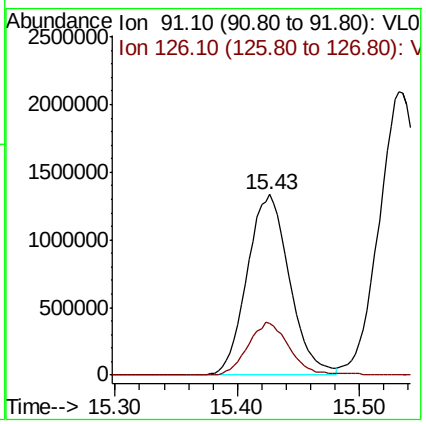


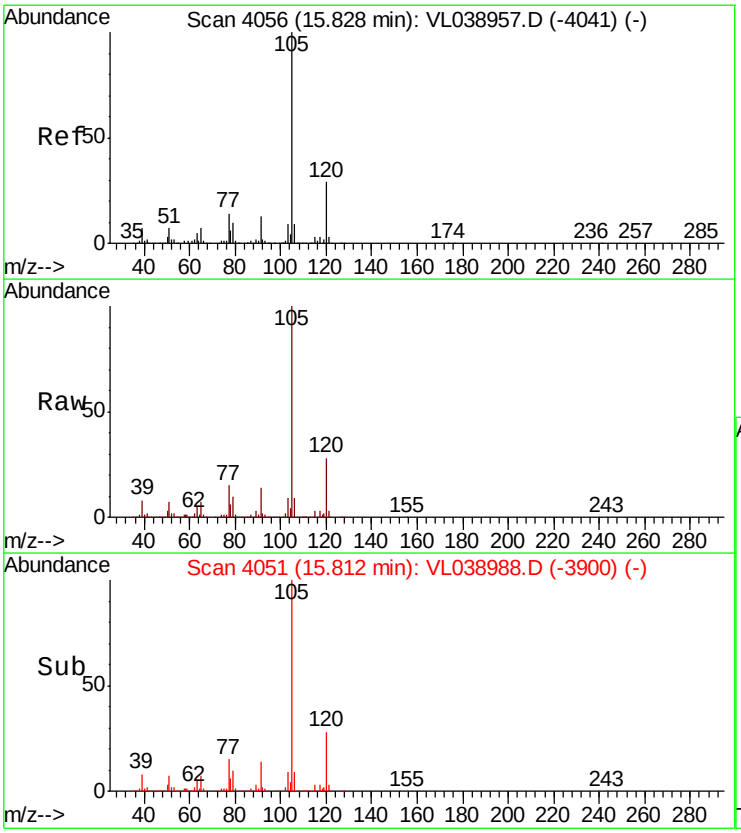
#71
2-Chlorotoluene
Concen: 9.837 ppbv
RT: 15.43
Delta R.T
Lab File:
Acq: 9 May 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 3209079

Ion	Ratio	Lower	Upper
91	100		
126	29.3	11.9	47.5

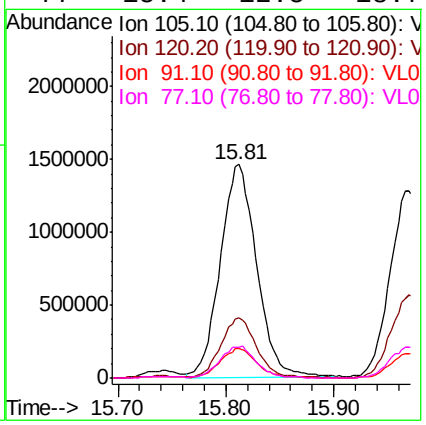


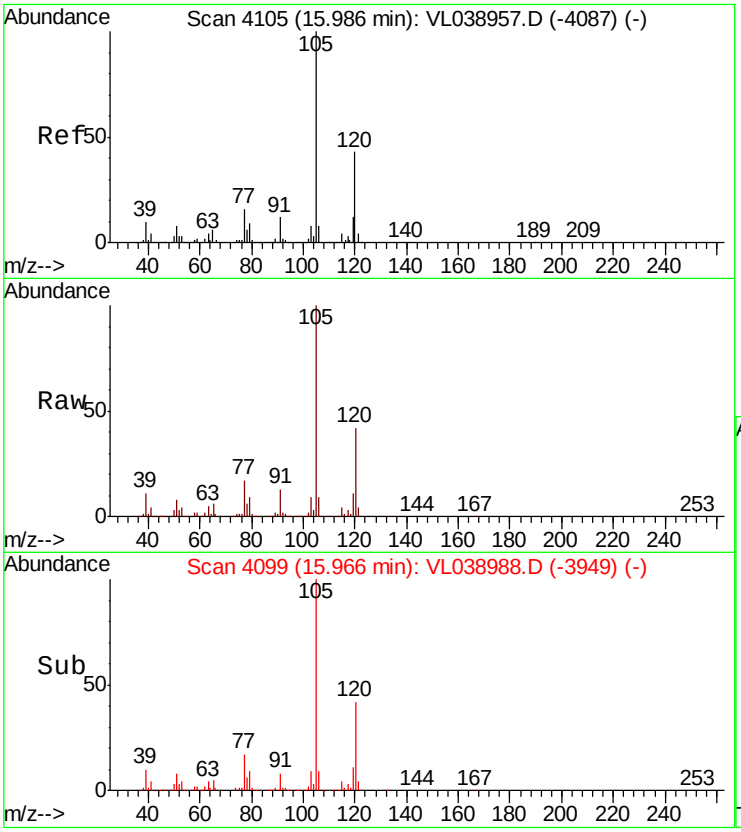


#72
4-Ethyltoluene
Concen: 10.357 ppbv
RT: 15.81 min Scan# 4051
Delta R.T. -0.02 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion:105 Resp: 3415175

Ion	Ratio	Lower	Upper
105	100		
120	28.2	23.4	35.0
91	13.7	10.6	16.0
77	15.4	12.5	18.7



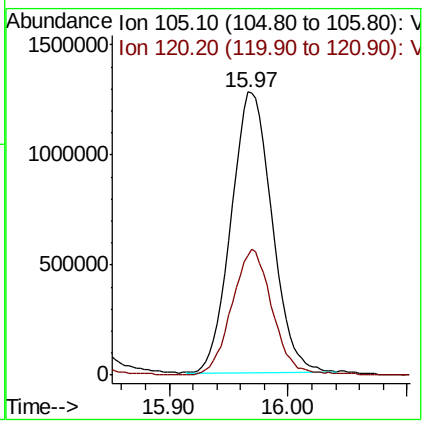


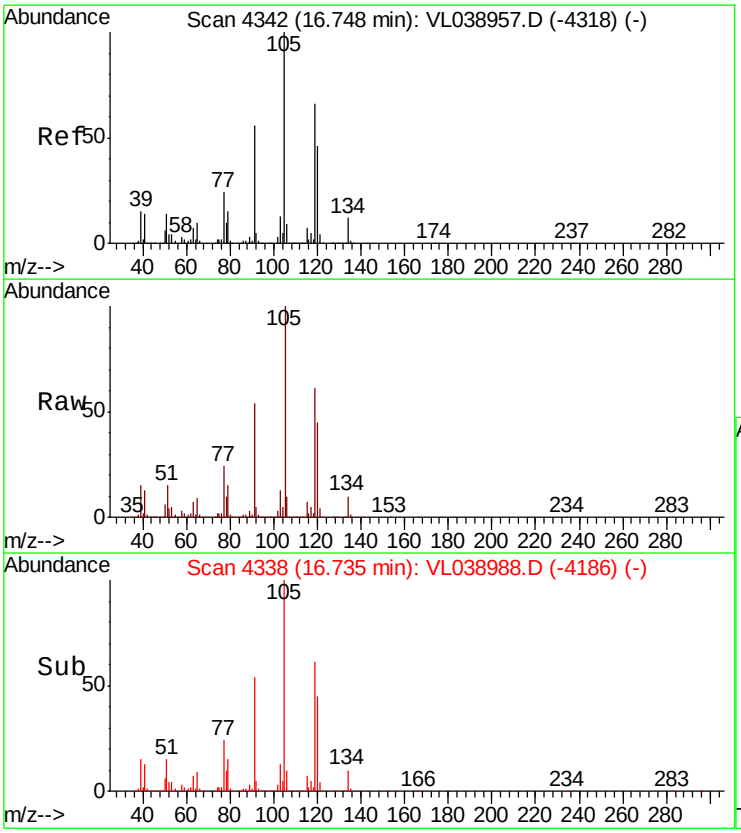
#73
1,3,5-Trimethylbenzene
Concen: 10.219 ppbv
RT: 15.97
Delta R.T
Lab File:
Acq: 9 May 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 3033681

Ion	Ratio	Lower	Upper
105	100		
120	42.5	34.4	51.6

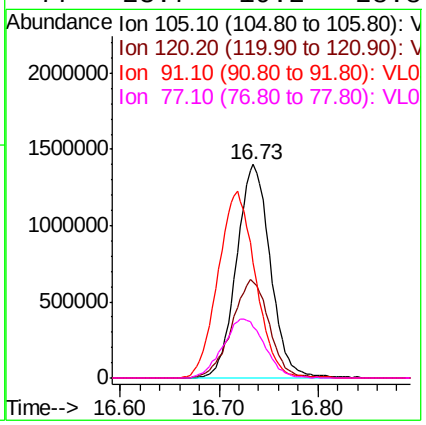


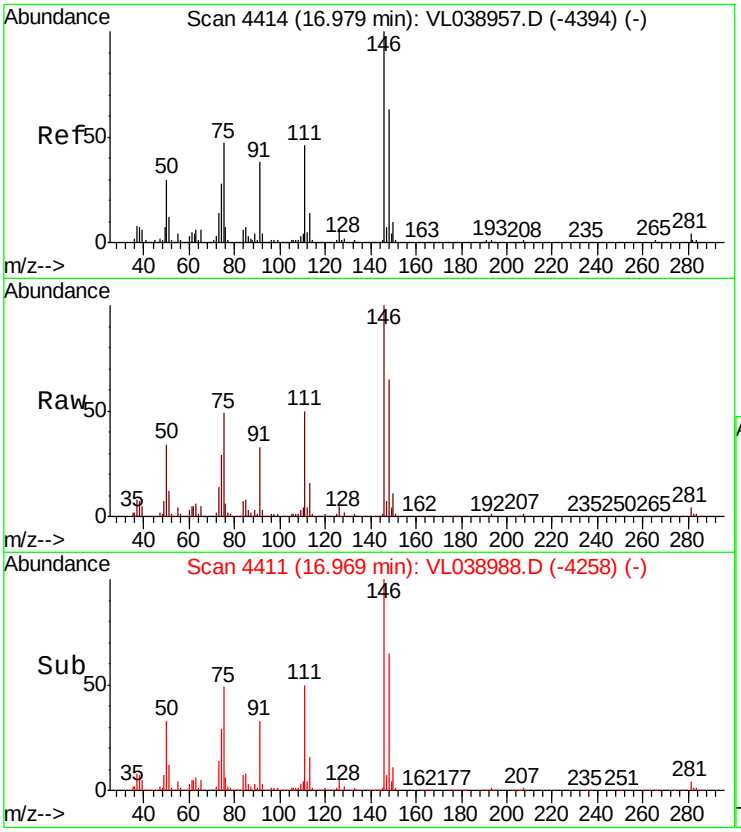


#74
1,2,4-Trimethylbenzene
Concen: 10.204 ppbv
RT: 16.73 min Scan# 4338
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion:105 Resp: 3316755

Ion	Ratio	Lower	Upper
105	100		
120	45.0	36.9	55.3
91	53.5	45.0	67.4
77	23.7	19.2	28.8



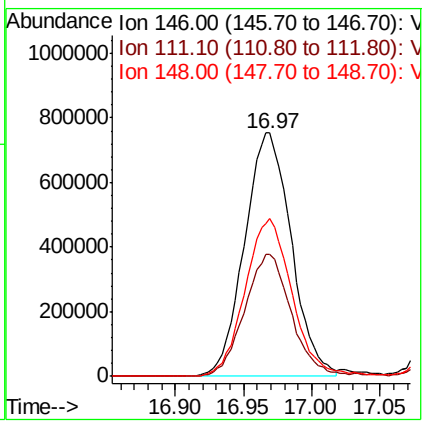


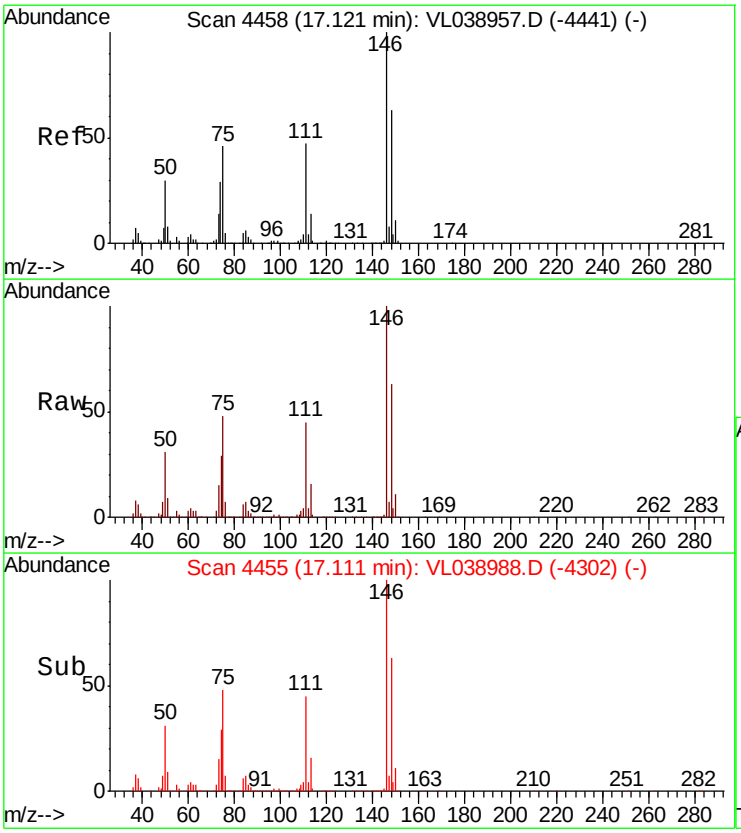
#75
1,3-Dichlorobenzene
Concen: 10.062 ppbv
RT: 16.97
Delta R.T
Lab File:
Acq: 9 May 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1792064

Ion	Ratio	Lower	Upper
146	100		
111	50.3	24.1	72.2
148	65.0	32.4	97.2

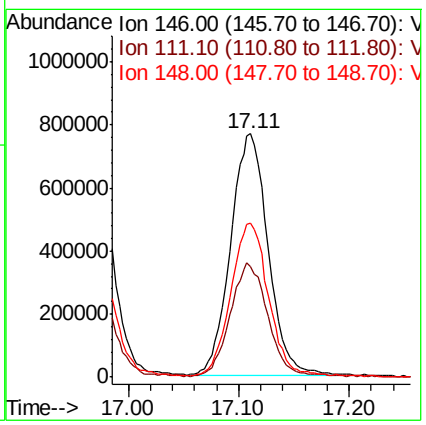


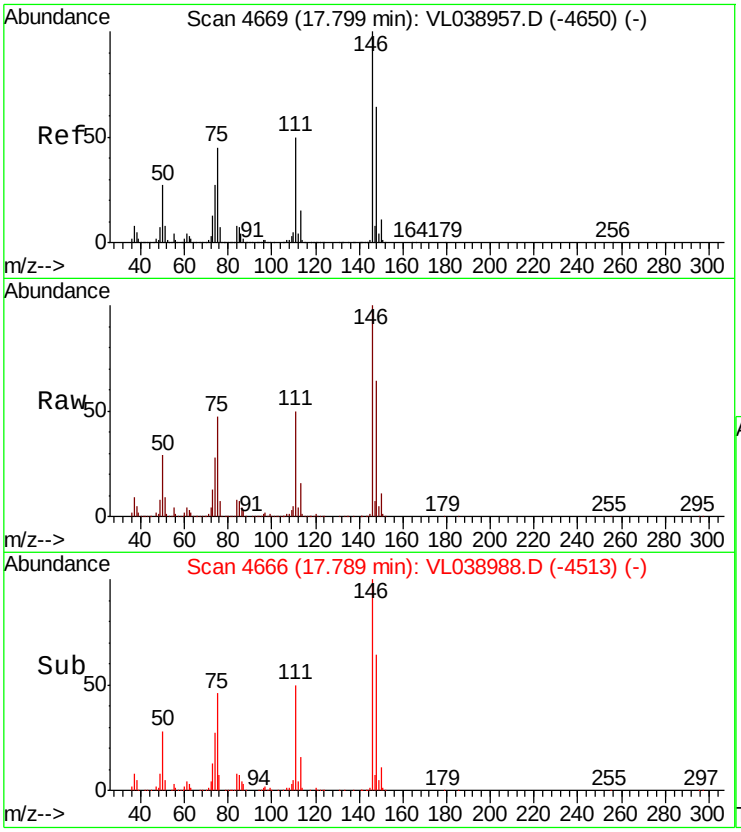


#76
1,4-Dichlorobenzene
Concen: 10.317 ppbv
RT: 17.11 min Scan# 4455
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion:146 Resp: 1807529

Ion	Ratio	Lower	Upper
146	100		
111	47.9	23.6	71.0
148	64.5	32.2	96.6



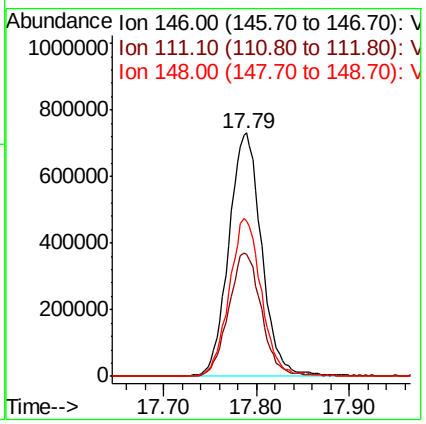


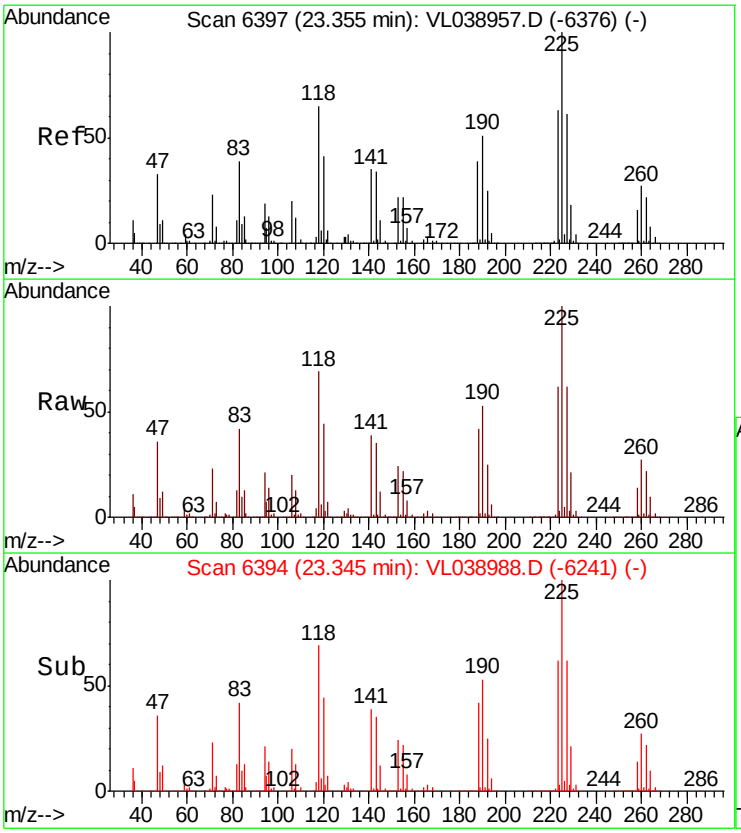
#77
1,2-Dichlorobenzene
Concen: 10.119 ppbv
RT: 17.79
Delta R.T
Lab File:
Acq: 9 May 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1782400

Ion	Ratio	Lower	Upper
146	100		
111	50.9	25.3	75.9
148	63.9	32.3	96.9

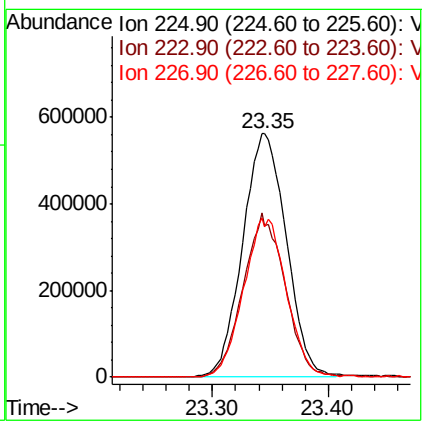


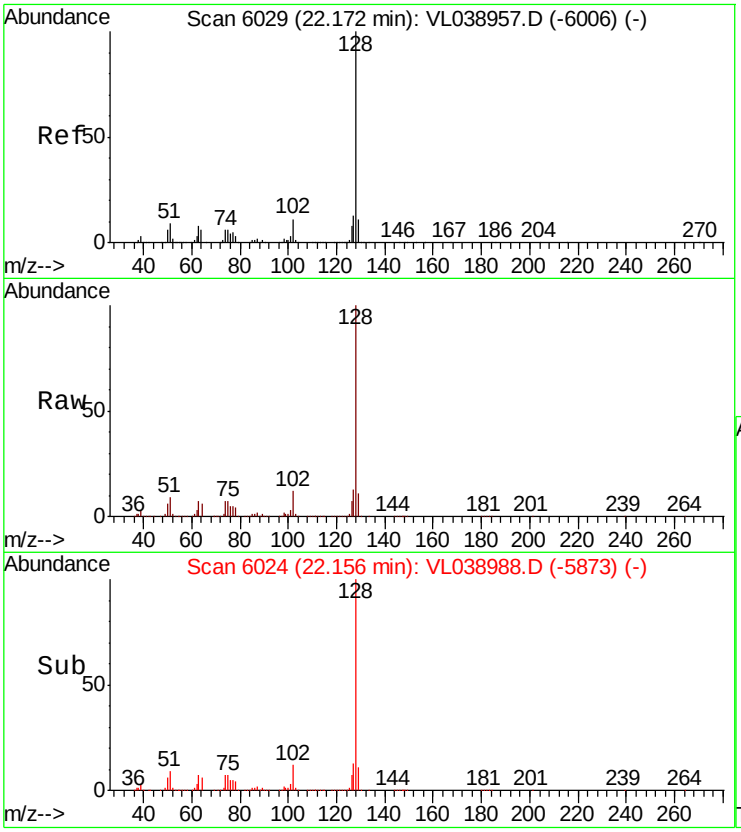


#78
Hexachloro-1,3-Butadiene
Concen: 9.090 ppbv
RT: 23.35 min Scan# 6394
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion:225 Resp: 1471480

Ion	Ratio	Lower	Upper
225	100		
223	64.9	51.4	77.0
227	64.4	51.4	77.0



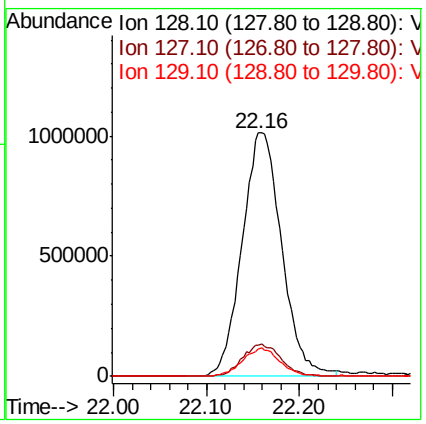


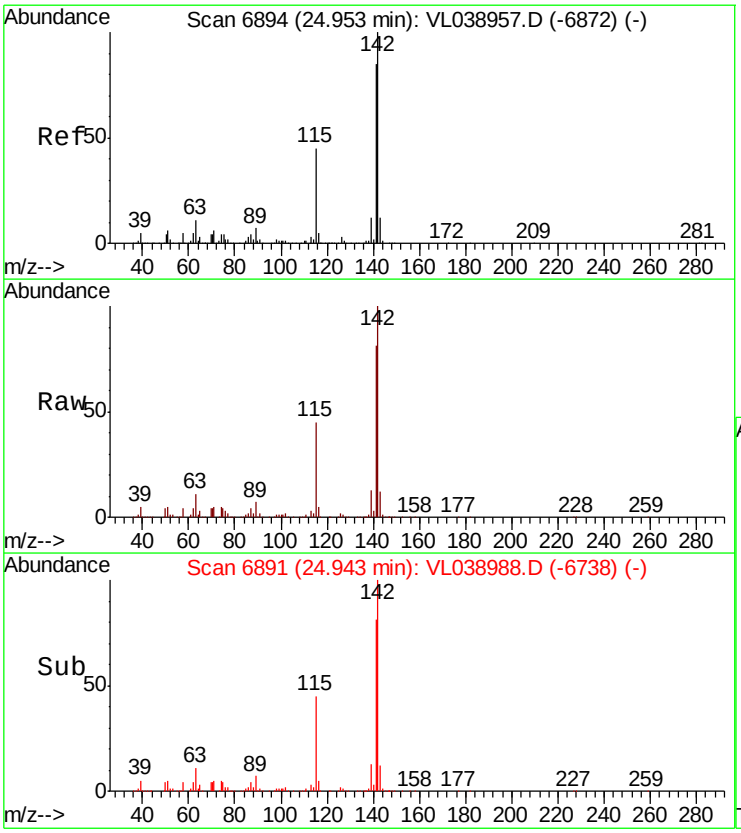
#79
Naphthalene
Concen: 11.409 ppbv
RT: 22.16
Delta R.T
Lab File:
Acq: 9 May 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:128 Resp: 3012445

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.0	8.9	13.3

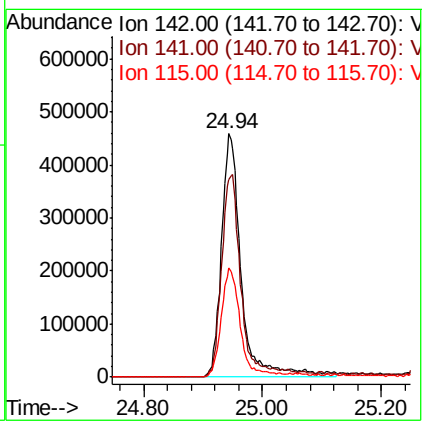


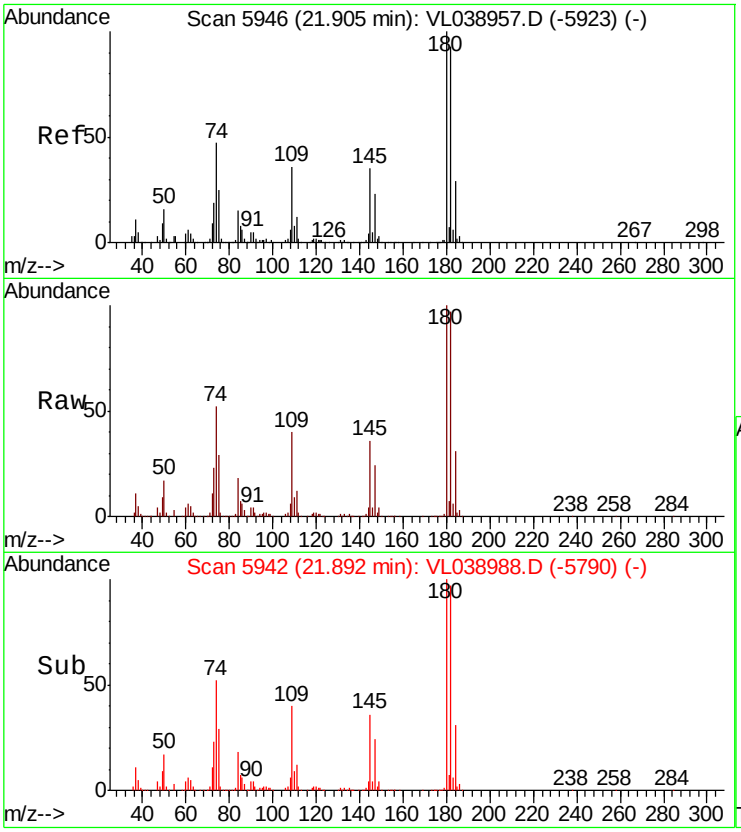


#80
Naphthalene,2-methyl-
Concen: 13.243 ppbv
RT: 24.94 min Scan# 6891
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion:142 Resp: 1057756

Ion	Ratio	Lower	Upper
142	100		
141	85.7	70.8	106.2
115	43.2	35.1	52.7





#81
1,2,4-Trichlorobenzene
Concen: 10.313 ppbv
RT: 21.89
Delta R.T
Lab File:
Acq: 9 May 2022 14:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:180 Resp: 1595547

Ion	Ratio	Lower	Upper
180	100		
182	96.8	78.4	117.6
184	31.2	24.4	36.6