Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052322\
Data File : VL039083.D
Acq On : 23 May 2022 11:47
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: May 24 05:55:43 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	1029314	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	2434547	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.06	117	2802471	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	1904683	8.58	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 85.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.04	85	1579731	9.795	ppbv	96
3) Chlorodifluoromethane	2.98	51	1215543	9.517	ppbv	98
4) Chloromethane	3.13	50	598913	9.363	ppbv	97
5) Vinyl Chloride	3.25	62	604731	10.354	ppbv	96
6) Bromomethane	3.47	94	307555	11.147	ppbv	95
7) Chloroethane	3.55	64	221378	11.324	ppbv	99
8) Dichlorotetrafluoroethane	3.18	85	1497297	10.244	ppbv	99
9) Propene	3.01	41	496365	8.899	ppbv	96
10) Heptane	8.10	43	1239172	9.055	ppbv	97
11) Trichlorofluoromethane	3.94	101	1486928	10.746	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.47	101	1000130	10.492	ppbv	99
13) Ethanol	3.59	45	16424	4.161	ppbv #	40
14) Bromoethene	3.73	108	440753	11.213	ppbv	99
15) Acetone	3.84	43	1037099	10.681	ppbv	100
16) 1,3-Butadiene	3.32	39	561001	10.057	ppbv	99
17) tert-Butyl alcohol	4.27	59	876888	11.751	ppbv	98
18) 1,1-Dichloroethene	4.28	96	440978	10.749	ppbv	98
19) Isopropyl Alcohol	3.95	45	538558	11.666	ppbv #	97
20) Methylene Chloride	4.33	84	370775	10.132	ppbv	96
21) Allyl Chloride	4.40	41	697104	10.536	ppbv	99
22) trans-1,2-Dichloroethene	4.87	96	461123	10.406	ppbv	97
23) Vinyl Acetate	5.06	43	845759	11.009	ppbv #	97
24) 1,1-Dichloroethane	5.00	63	917529	10.372	ppbv	100
25) Ethyl Acetate	5.66	43	2275059	9.790	ppbv	100
26) Hexane	5.67	57	972310	9.416	ppbv	100
27) Carbon Disulfide	4.54	76	1097550	11.189	ppbv	100
28) Methyl tert-Butyl Ether	5.02	73	840349	10.697	ppbv	98
29) Chloroform	5.74	83	1667806	9.983	ppbv	97
30) Cyclohexane	7.11	84	806795	9.332	ppbv	96
31) cis-1,2-Dichloroethene	5.53	61	1027778	9.770	ppbv	98
32) 1,1,1-Trichloroethane	6.49	97	1720742	10.301	ppbv	100
34) 2-Butanone	5.23	43	1383553	11.139	ppbv	100
35) Carbon Tetrachloride	7.00	117	1769969	11.034	ppbv	100
36) Benzene	6.87	78	1947739	9.349	ppbv	98
37) 1,2-Dichloroethane	6.29	62	1368261	10.614	ppbv	99
38) Trichloroethene	7.82	130	875840	9.456	ppbv	97
39) 1,2-Dichloropropane	7.59	63	754458	9.307	ppbv	93
40) 1,4-Dioxane	7.81	88	284224	9.762	ppbv	99
41) Tetrahydrofuran	6.03	42	784922	9.403	ppbv	99
42) Bromodichloromethane	7.77	83	1838981	10.435	ppbv	98
43) Methyl Methacrylate	7.99	69	818332	9.675	ppbv	98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052322\
Data File : VL039083.D
Acq On : 23 May 2022 11:47
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: May 24 05:55:43 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	3381651	9.250	ppbv		99
45) t-1,3-Dichloropropene	9.26	75	968844	11.833	ppbv		95
46) cis-1,3-Dichloropropene	8.68	75	1165770	10.737	ppbv		97
47) 1,1,2-Trichloroethane	9.45	97	794532	9.424	ppbv		99
48) Dibromochloromethane	10.28	129	1446254	10.539	ppbv		99
49) Bromoform	13.01	173	1137887	10.872	ppbv		99
50) 4-Methyl-2-Pentanone	8.72	43	2103328	9.657	ppbv		100
51) 2-Hexanone	10.10	43	1663560	10.465	ppbv	#	98
52) Tetrachloroethene	11.20	164	684126	9.189	ppbv		99
53) Toluene	9.78	91	2212745	9.476	ppbv		100
54) 1,2-Dibromoethane	10.58	107	1136612	9.902	ppbv		96
56) 1,1,1,2-Tetrachloroethane	12.10	131	974745	7.927	ppbv		97
57) Chlorobenzene	12.12	112	1618313	7.704	ppbv		99
58) Ethyl Benzene	12.68	91	3015596	7.477	ppbv		96
59) m/p-Xylene	12.97	91	3183131	9.245	ppbv	#	58
60) o-Xylene	13.66	91	2493846	7.696	ppbv		99
61) Styrene	13.50	104	1423947	8.231	ppbv		99
62) Isopropylbenzene	14.64	105	3596548	7.589	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.65	83	1388582	7.277	ppbv		99
64) n-propylbenzene	15.53	120	901580	7.869	ppbv		99
65) tert-Butylbenzene	16.72	119	3221917	7.760	ppbv		100
66) Benzyl Chloride	16.96	91	533089	9.822	ppbv		98
67) sec-Butylbenzene	17.27	105	4591314	7.740	ppbv		99
69) p-Isopropyltoluene	17.63	119	3832585	7.997	ppbv		99
70) n-Butylbenzene	18.52	91	4224644	8.297	ppbv		100
71) 2-Chlorotoluene	15.42	91	1545415	4.230	ppbv	#	58
72) 4-Ethyltoluene	15.81	105	2922287	7.914	ppbv		99
73) 1,3,5-Trimethylbenzene	15.97	105	2702346	8.129	ppbv		100
74) 1,2,4-Trimethylbenzene	16.74	105	2921628	8.026	ppbv	#	91
75) 1,3-Dichlorobenzene	16.97	146	1635604	8.201	ppbv		100
76) 1,4-Dichlorobenzene	17.11	146	1598478	8.147	ppbv		97
77) 1,2-Dichlorobenzene	17.79	146	1617860	8.202	ppbv		99
78) Hexachloro-1,3-Butadiene	23.35	225	1533673	8.460	ppbv		100
79) Naphthalene	22.16	128	3185553	10.774	ppbv		98
80) Naphthalene,2-methyl-	24.95	142	889798	9.948	ppbv		94
81) 1,2,4-Trichlorobenzene	21.89	180	1685745	9.730	ppbv		99

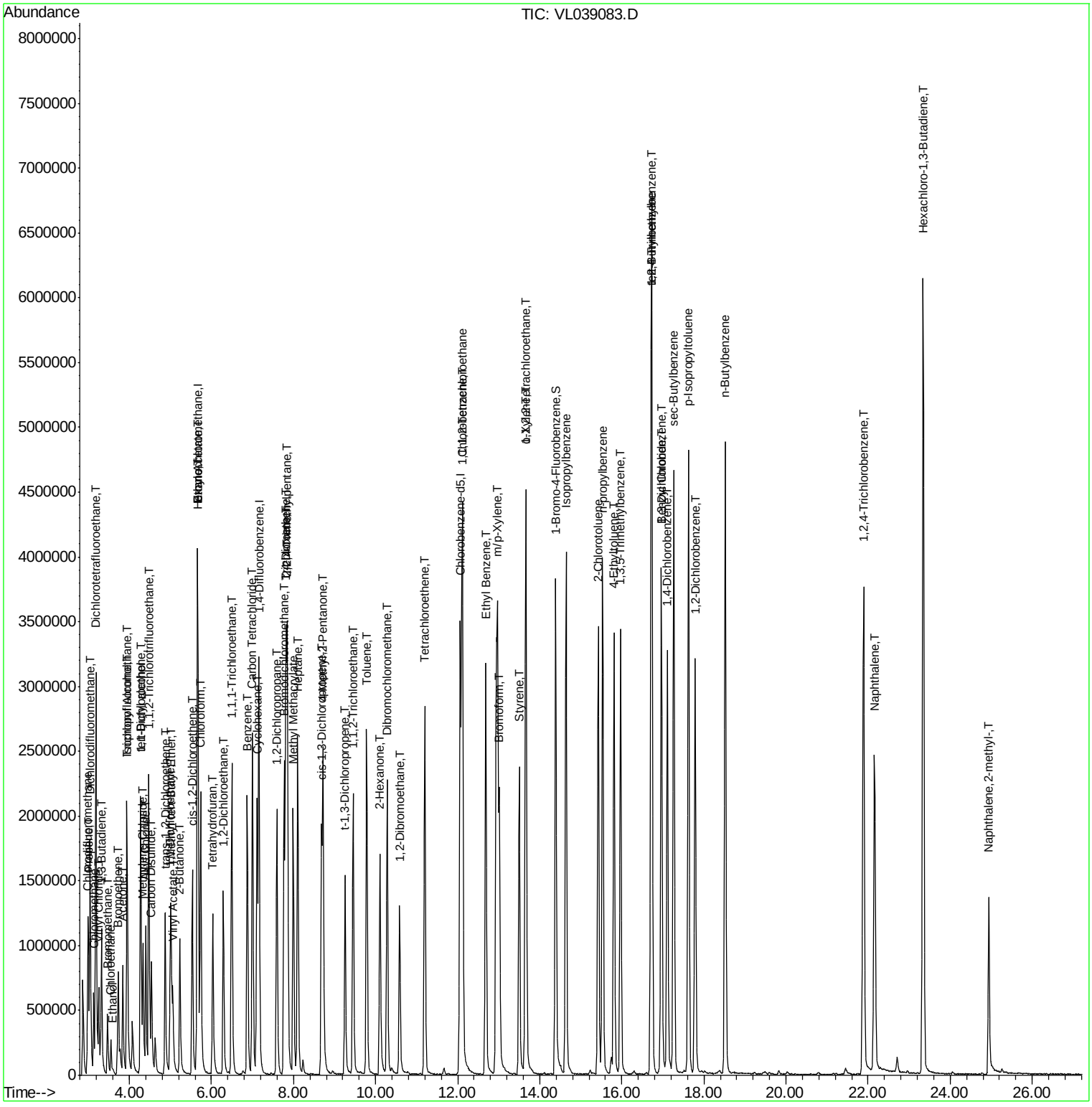
(#) = qualifier out of range (m) = manual integration (+) = signals summed

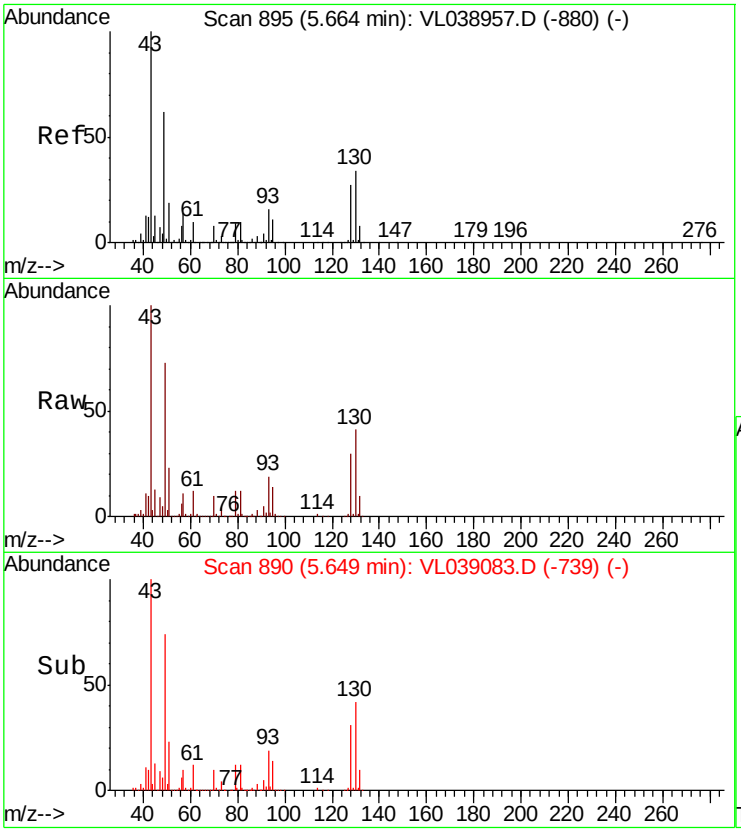
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052322\
Data File : VL039083.D
Acq On : 23 May 2022 11:47
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Quant Time: May 24 05:55:43 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 10:12:15 2022
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration



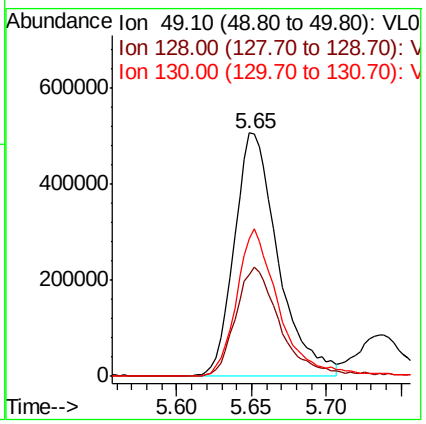


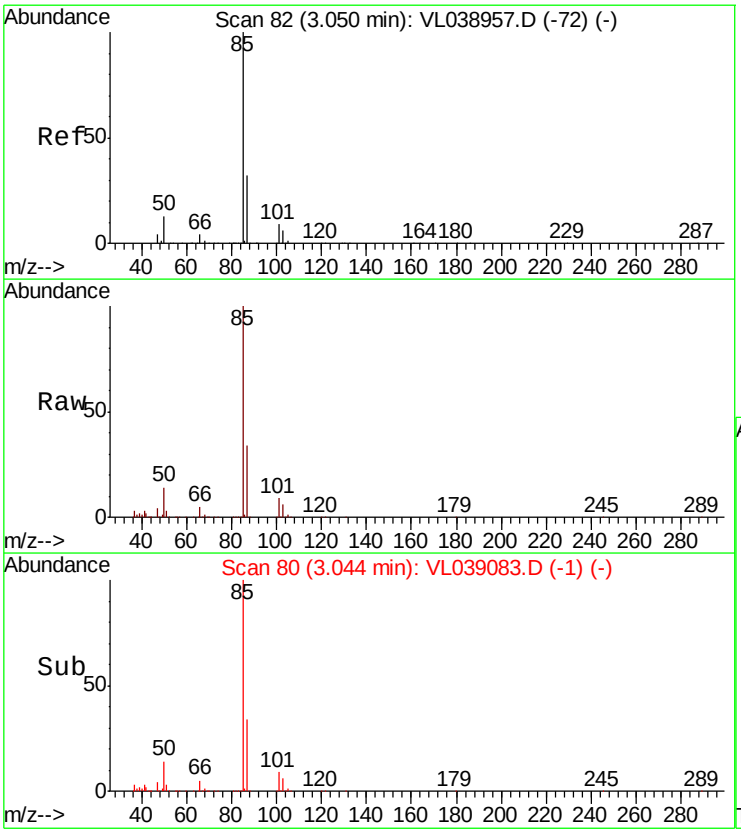
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 1029314

Ion	Ratio	Lower	Upper
49	100		
128	47.2	23.3	69.8
130	59.5	29.8	89.3

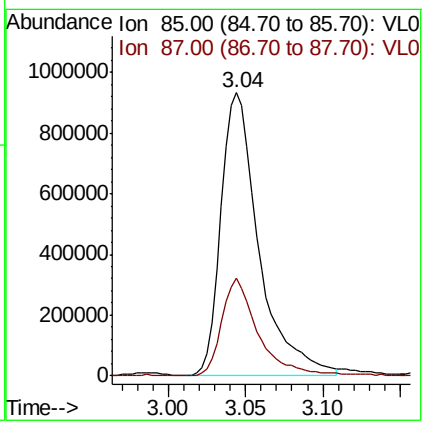


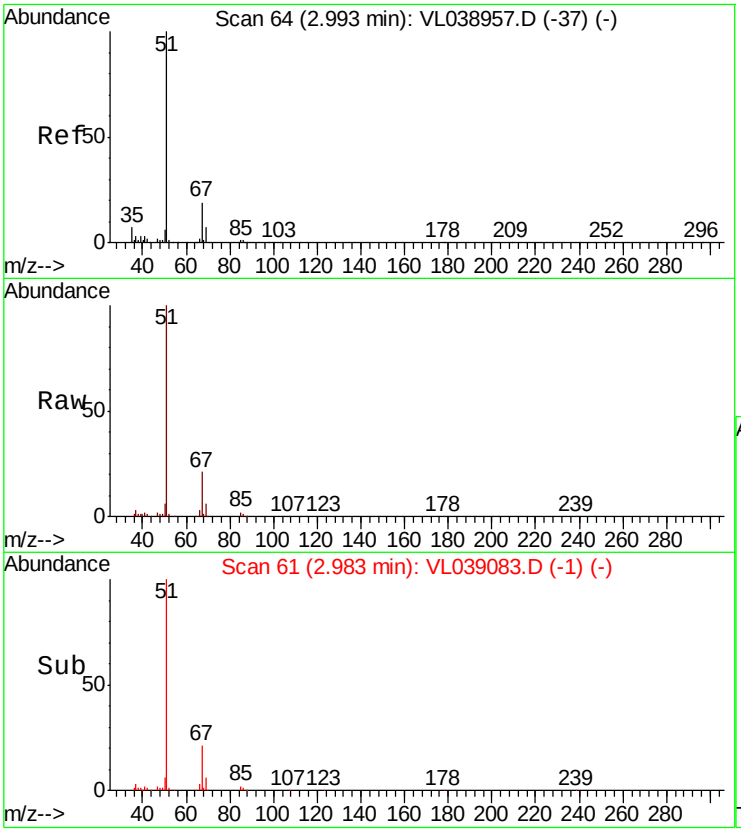


#2
Dichlorodifluoromethane
Concen: 9.795 ppbv
RT: 3.04 min Scan# 80
Delta R.T. -0.01 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion: 85 Resp: 1579731

Ion	Ratio	Lower	Upper
85	100		
87	34.5	25.7	38.5



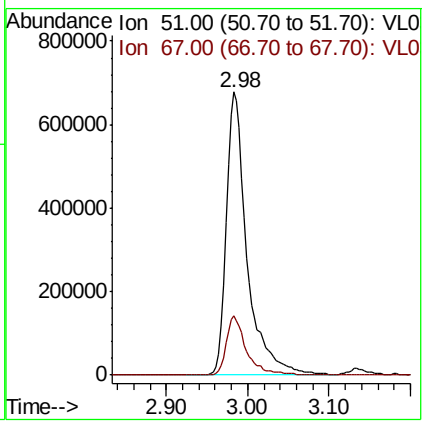


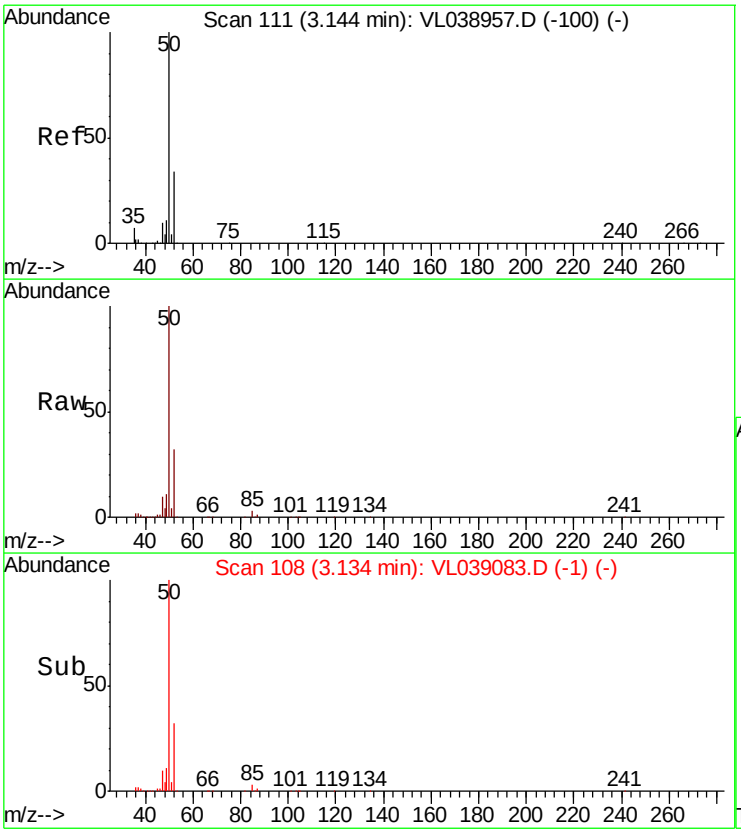
#3
Chlorodifluoromethane
Concen: 9.517 ppbv
RT: 2.98
Delta R.T
Lab File:
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 1215543

Ion	Ratio	Lower	Upper
51	100		
67	20.5	15.8	23.8

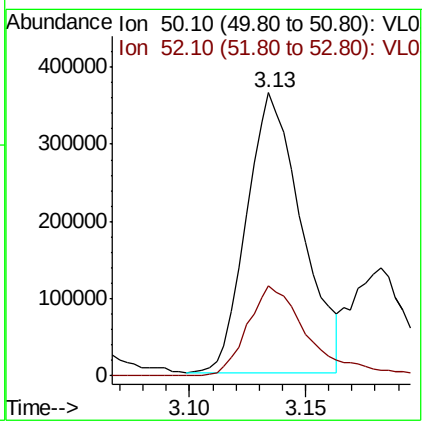


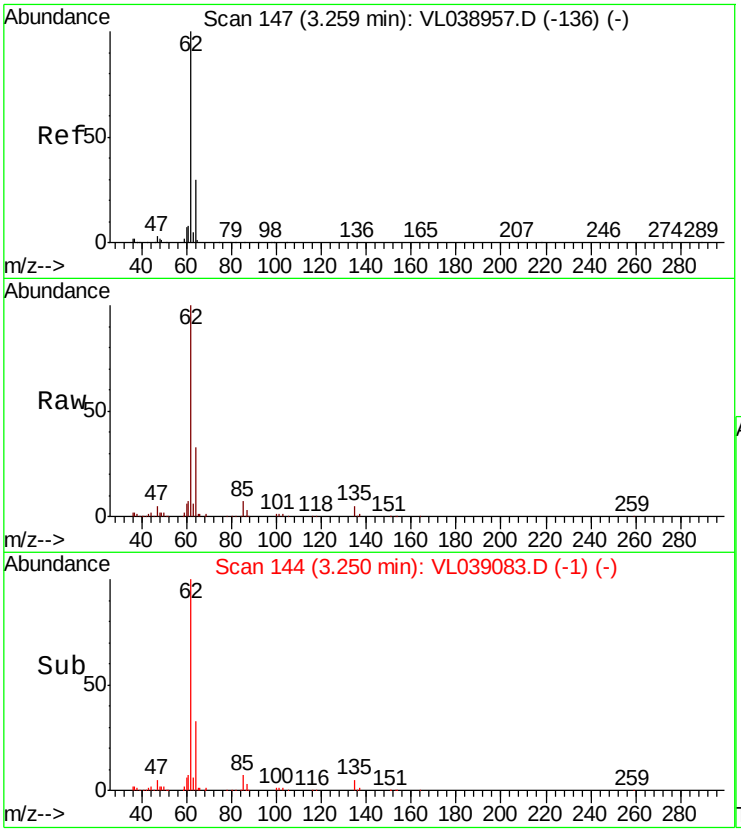


#4
Chloromethane
Concen: 9.363 ppbv
RT: 3.13 min Scan# 108
Delta R.T. -0.01 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion: 50 Resp: 598913

Ion	Ratio	Lower	Upper
50	100		
52	32.1	27.3	40.9



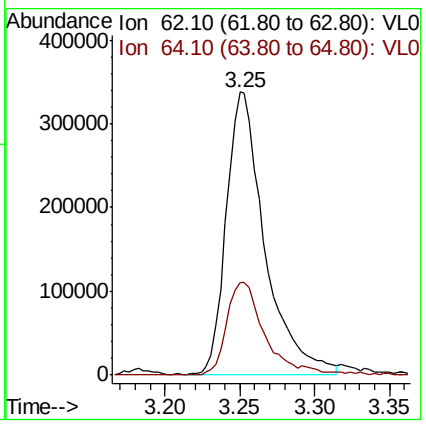


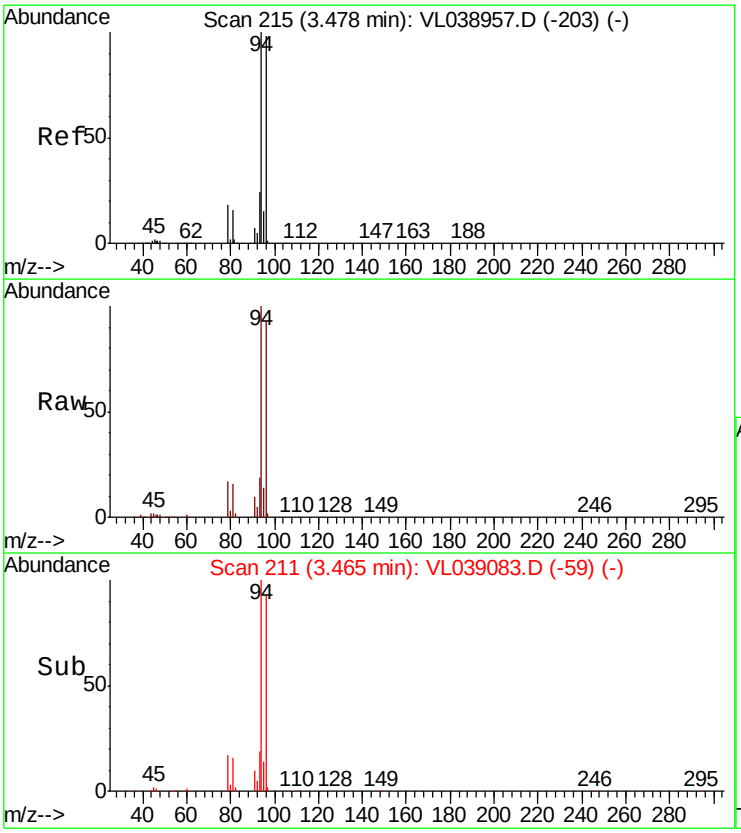
#5
Vinyl Chloride
Concen: 10.354 ppbv
RT: 3.25
Delta R.T
Lab File:
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 604731

Ion	Ratio	Lower	Upper
62	100		
64	32.6	24.2	36.4

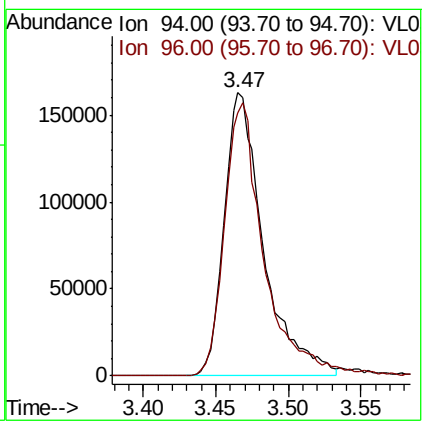


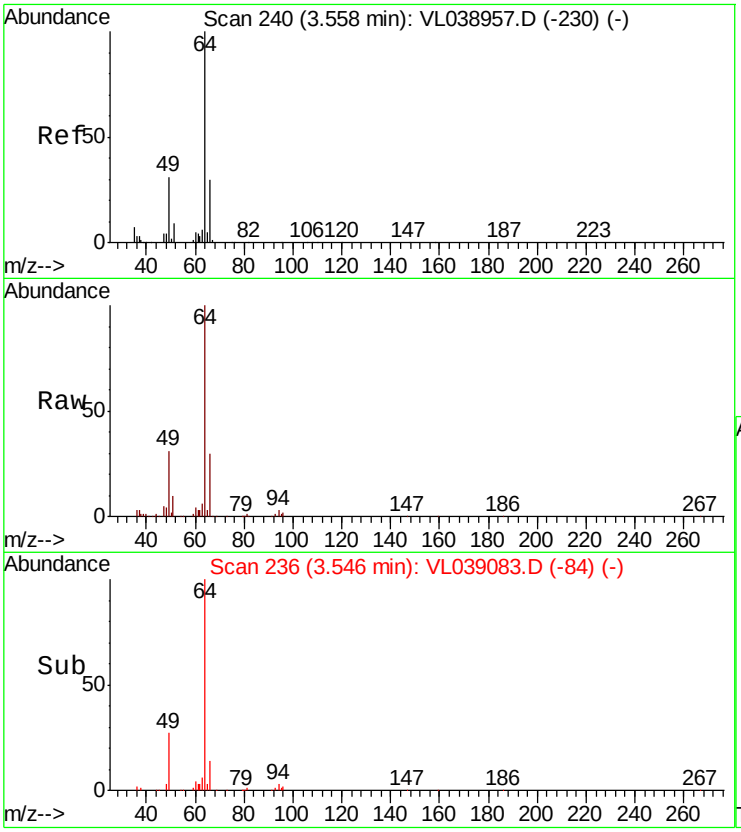


#6
Bromomethane
Concen: 11.147 ppbv
RT: 3.47 min Scan# 211
Delta R.T. -0.01 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion: 94 Resp: 307555

Ion	Ratio	Lower	Upper
94	100		
96	92.8	78.1	117.1



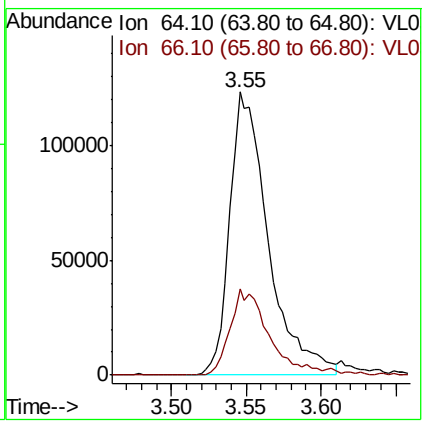


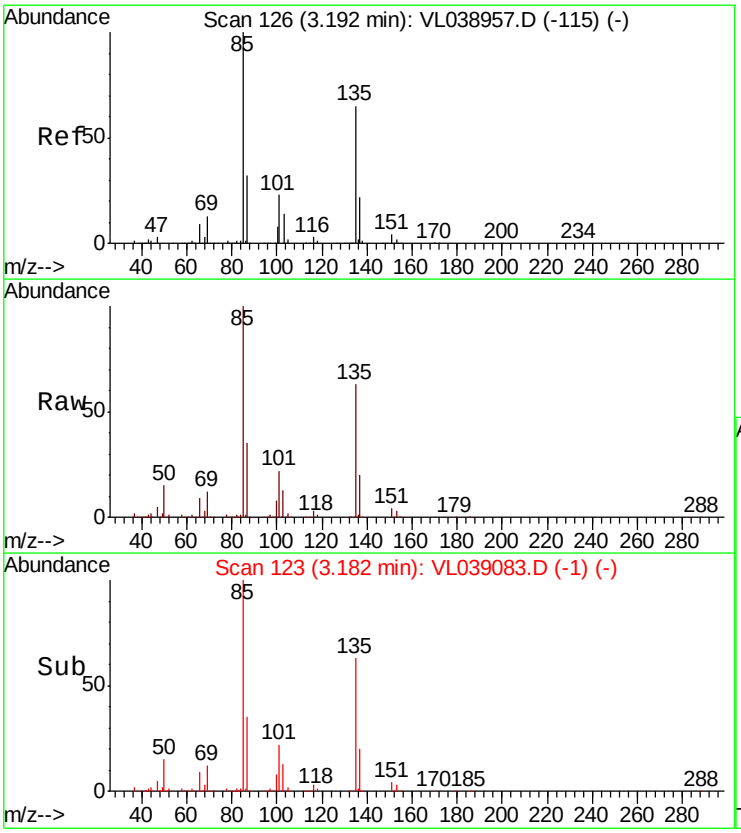
#7
Chloroethane
Concen: 11.324 ppbv
RT: 3.55
Delta R.T
Lab File:
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 221378

Ion	Ratio	Lower	Upper
64	100		
66	30.5	23.8	35.8

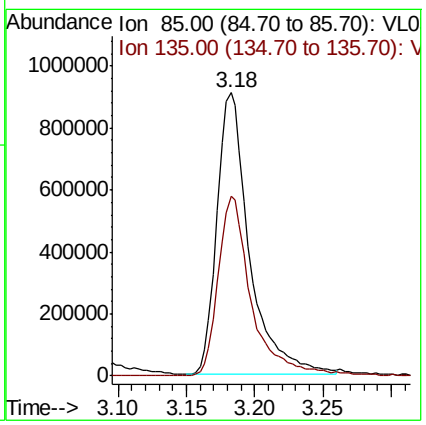


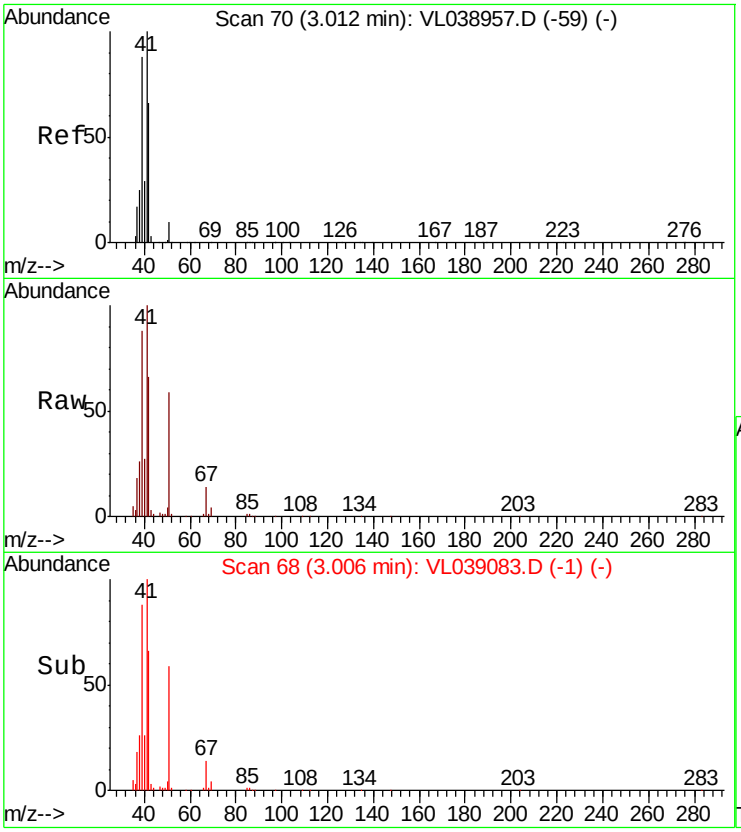


#8
Dichlorotetrafluoroethane
Concen: 10.244 ppbv
RT: 3.18 min Scan# 123
Delta R.T. -0.01 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion: 85 Resp: 1497297

Ion	Ratio	Lower	Upper
85	100		
135	66.6	53.6	80.4



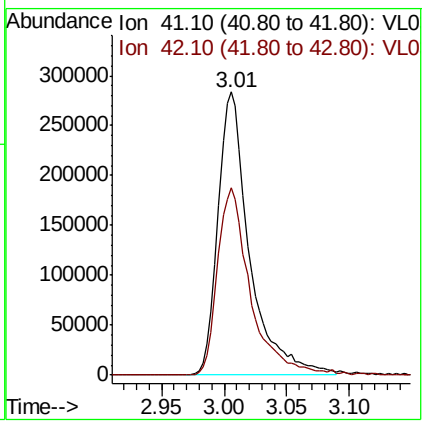


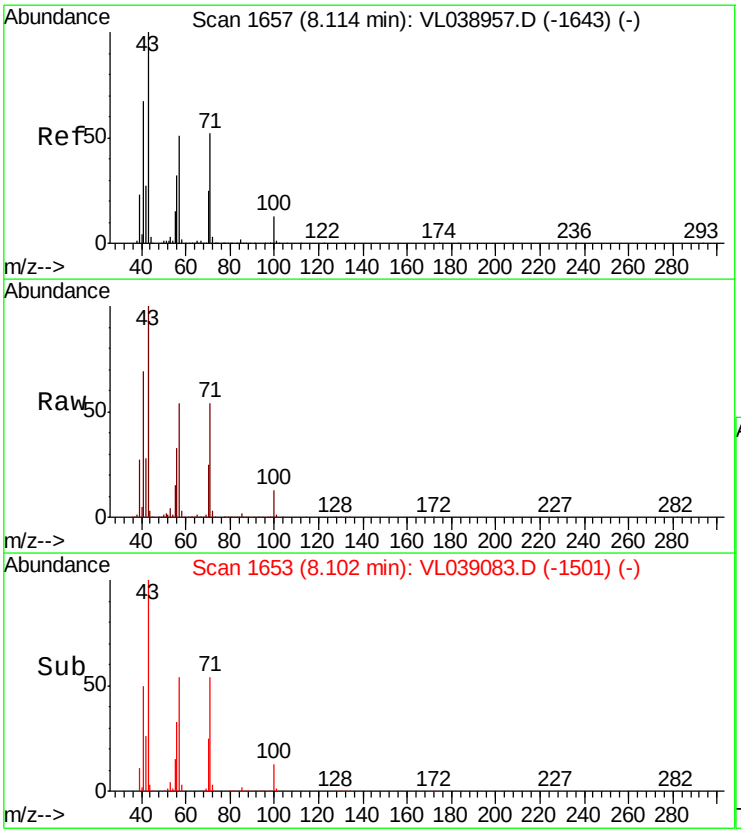
#9
Propene
Concen: 8.899 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 496365

Ion	Ratio	Lower	Upper
41	100		
42	69.5	58.3	87.5

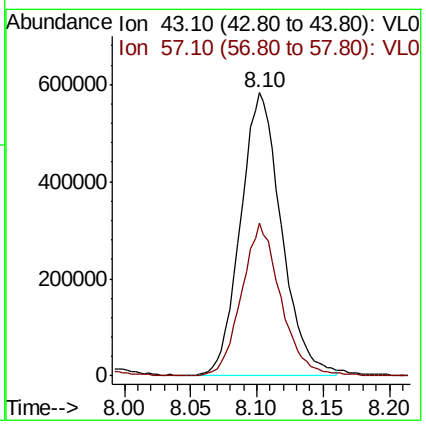


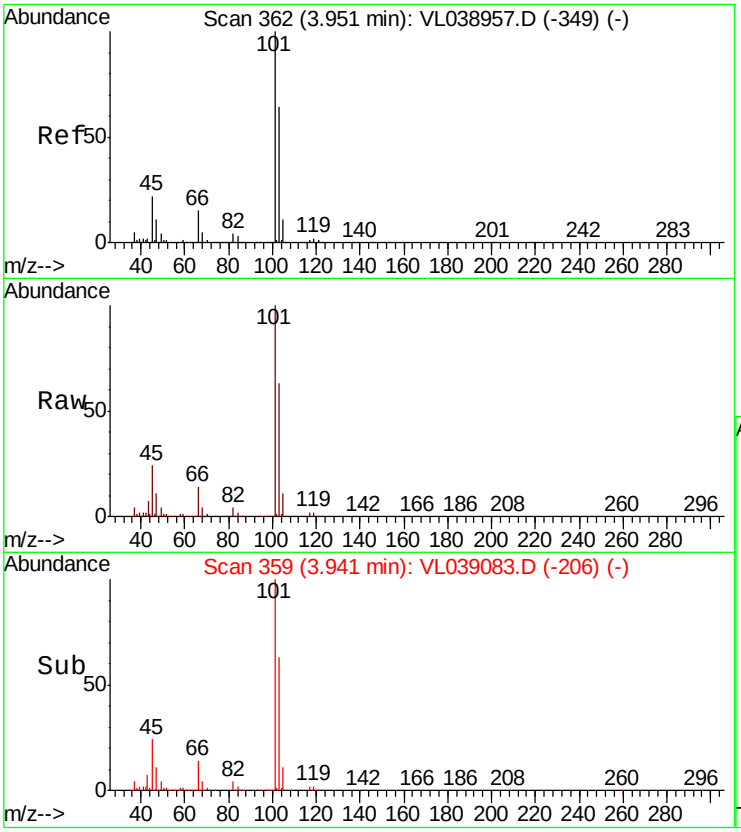


#10
Heptane
Concen: 9.055 ppbv
RT: 8.10 min Scan# 1653
Delta R.T. -0.01 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion: 43 Resp: 1239172

Ion	Ratio	Lower	Upper
43	100		
57	52.6	40.5	60.7



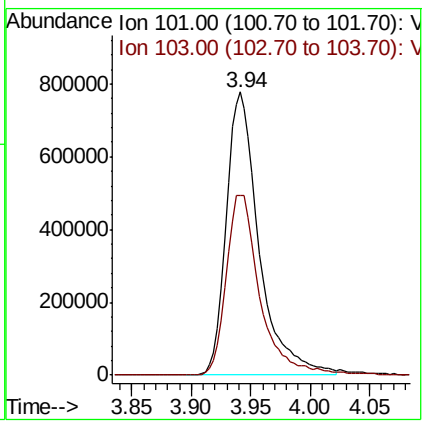


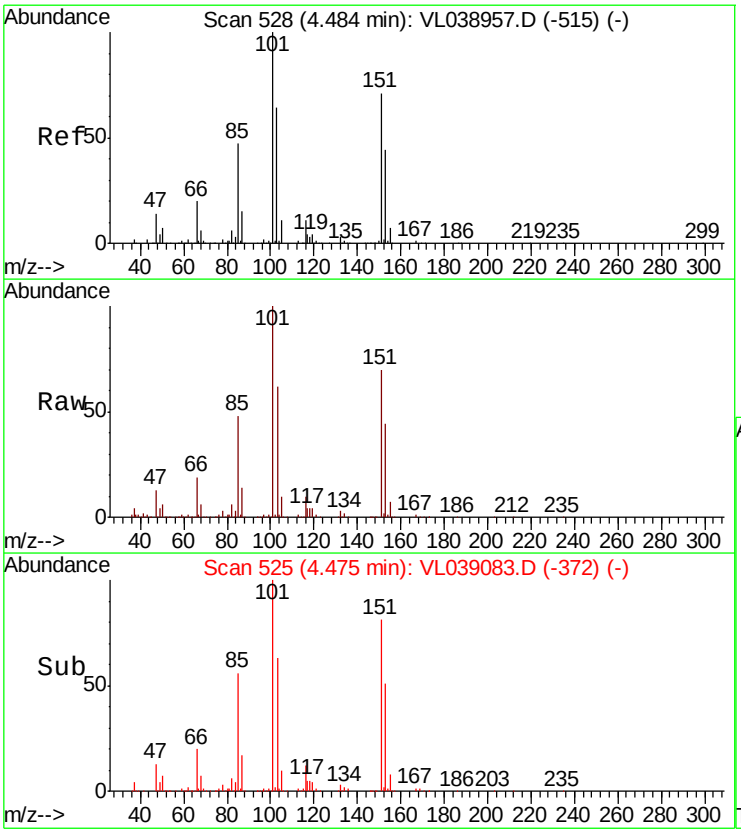
#11
Trichlorofluoromethane
Concen: 10.746 ppbv
RT: 3.94
Delta R.T
Lab File:
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 1486928

Ion	Ratio	Lower	Upper
101	100		
103	63.4	51.5	77.3

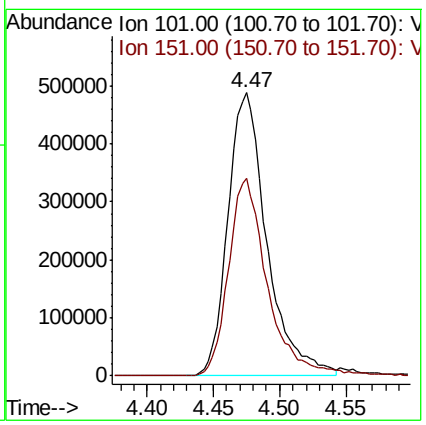


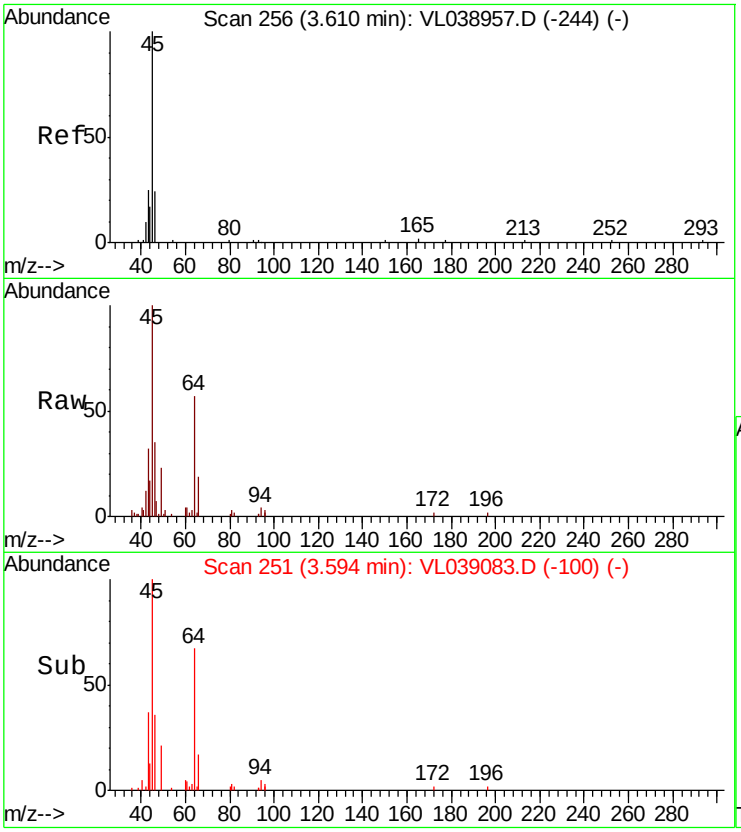


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.492 ppbv
RT: 4.47 min Scan# 525
Delta R.T. -0.01 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion:101 Resp: 1000130

Ion	Ratio	Lower	Upper
101	100		
151	70.2	55.4	83.0



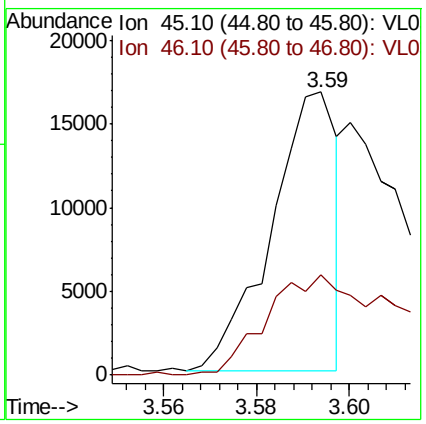


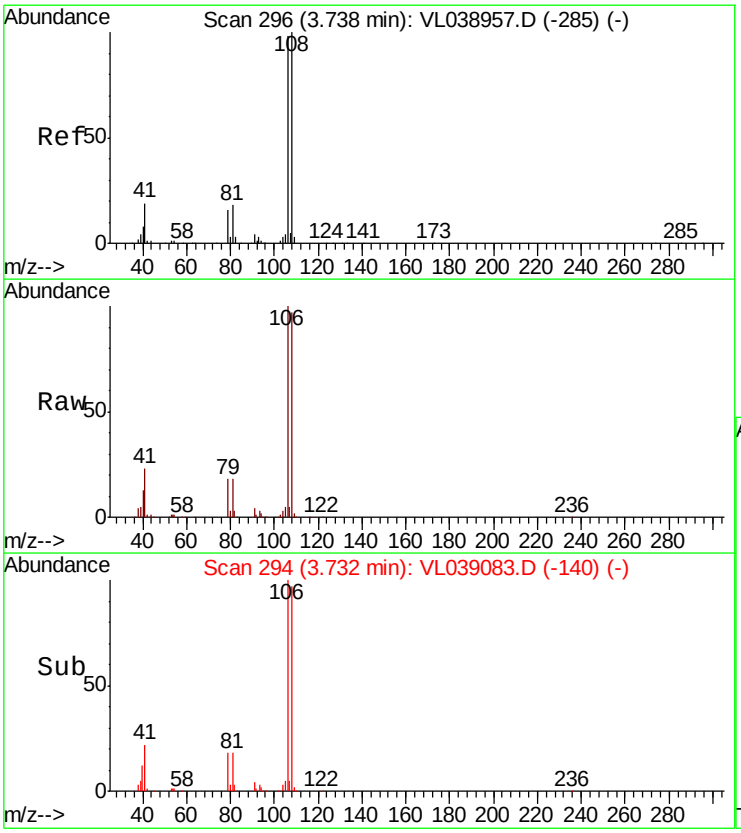
#13
Ethanol
Concen: 4.161 ppbv
RT: 3.59
Delta R.T
Lab File:
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 16424

Ion	Ratio	Lower	Upper
45	100		
46	84.4	18.0	72.2#

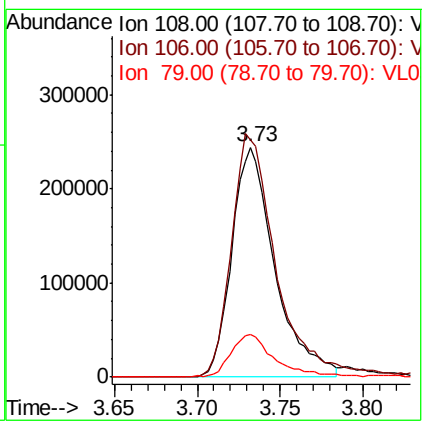


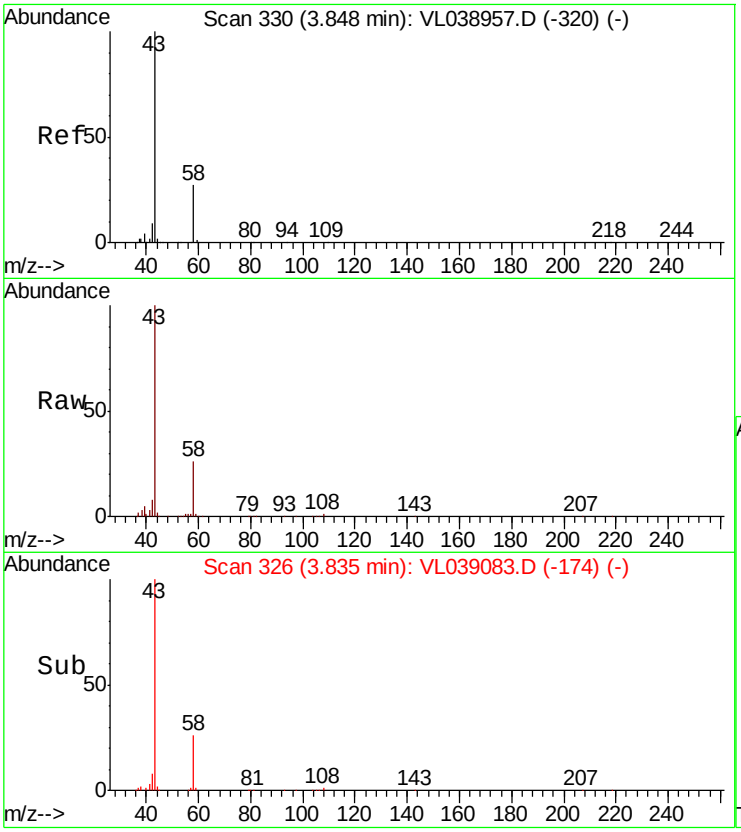


#14
Bromoethene
Concen: 11.213 ppbv
RT: 3.73 min Scan# 294
Delta R.T. -0.01 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion:108 Resp: 440753

Ion	Ratio	Lower	Upper
108	100		
106	112.2	90.3	135.5
79	19.7	14.9	22.3



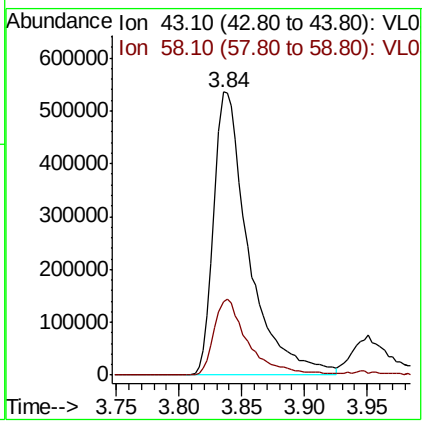


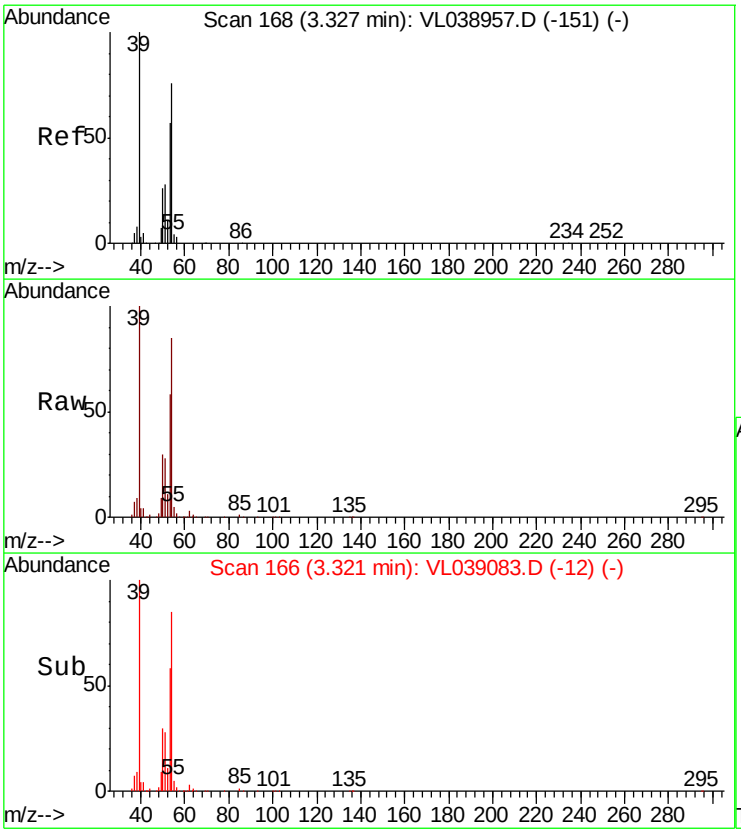
#15
Acetone
Concen: 10.681 ppbv
RT: 3.84
Delta R.T
Lab File:
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1037099

Ion	Ratio	Lower	Upper
43	100		
58	26.6	21.3	31.9

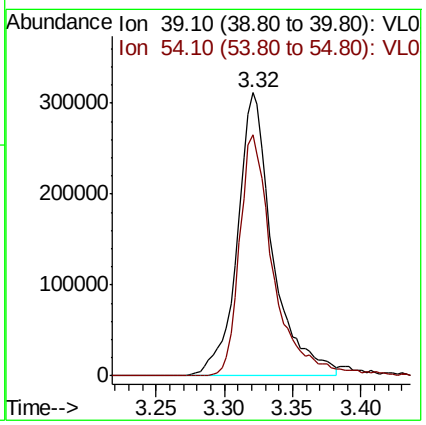


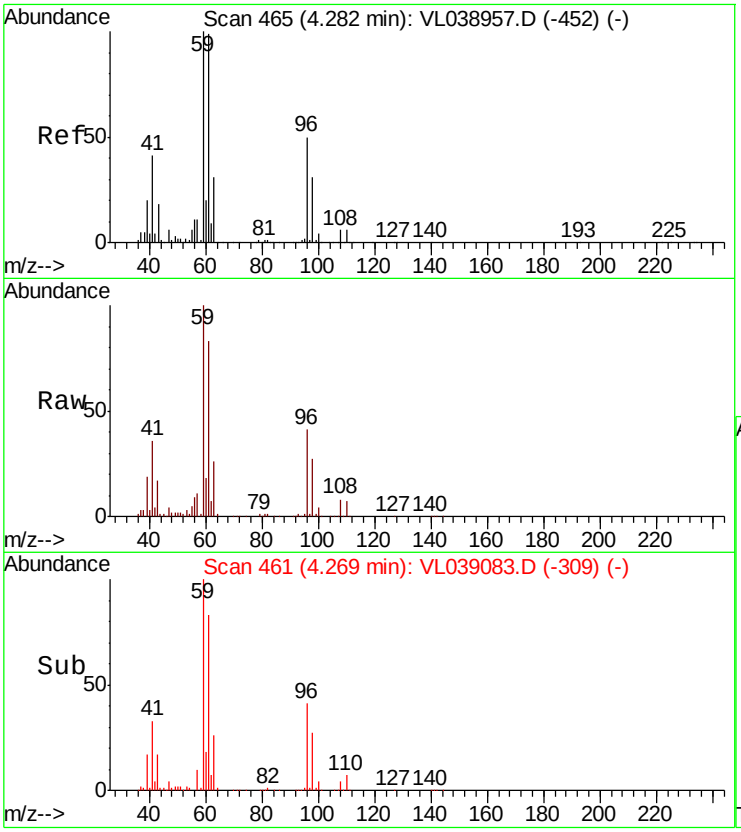


#16
1,3-Butadiene
Concen: 10.057 ppbv
RT: 3.32 min Scan# 166
Delta R.T. -0.01 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion: 39 Resp: 561001

Ion	Ratio	Lower	Upper
39	100		
54	82.2	65.2	97.8



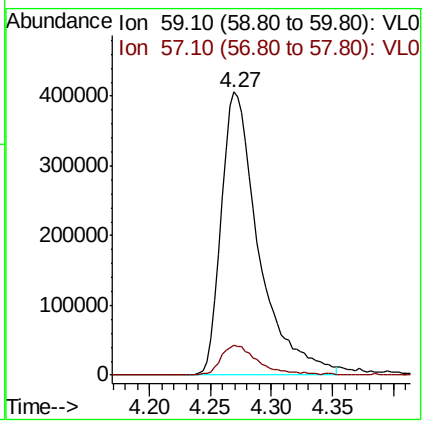


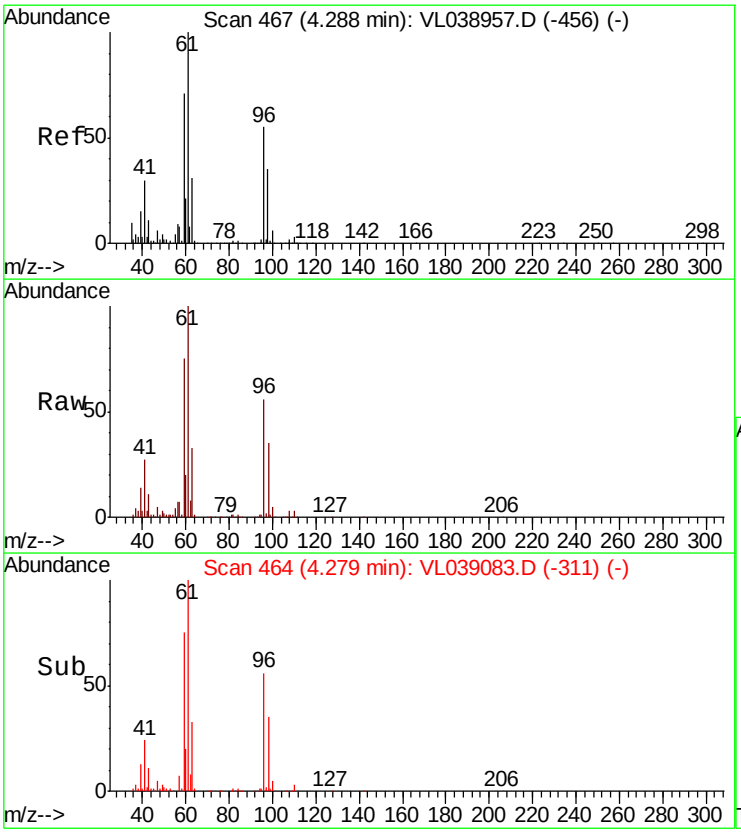
#17
tert-Butyl alcohol
Concen: 11.751 ppbv
RT: 4.27
Delta R.T
Lab File:
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 876888

Ion	Ratio	Lower	Upper
59	100		
57	10.8	9.2	13.8

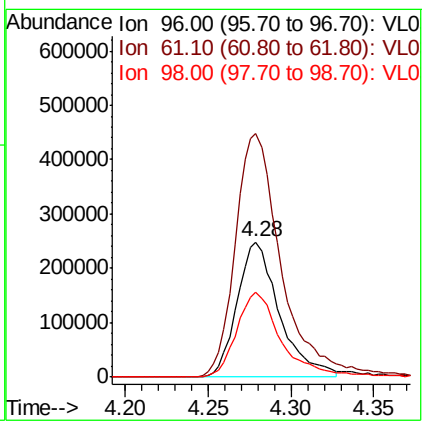


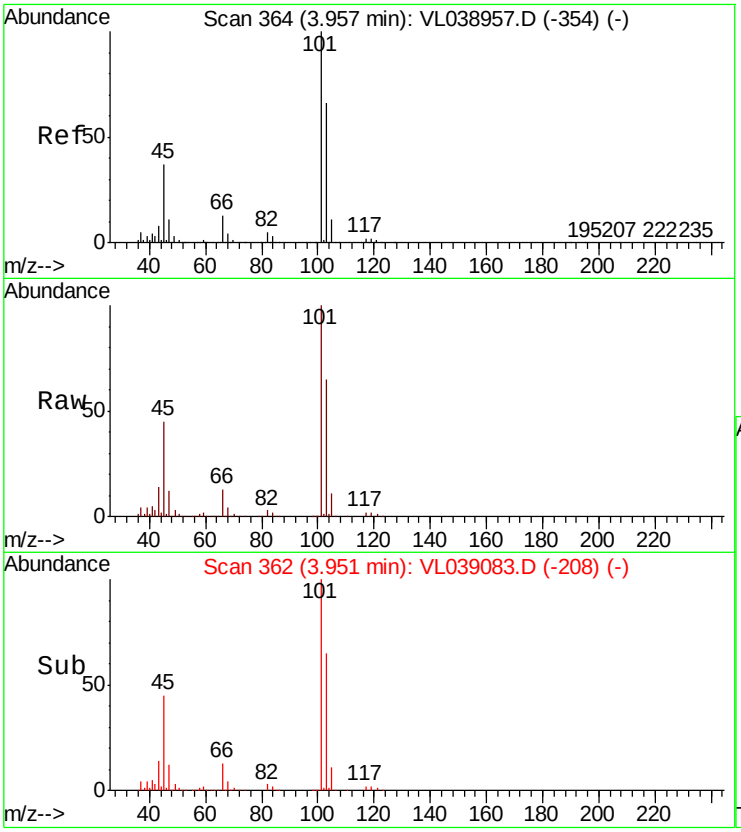


#18
1,1-Dichloroethene
Concen: 10.749 ppbv
RT: 4.28 min Scan# 464
Delta R.T. -0.01 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion: 96 Resp: 440978

Ion	Ratio	Lower	Upper
96	100		
61	179.8	146.3	219.5
98	62.3	50.6	75.8



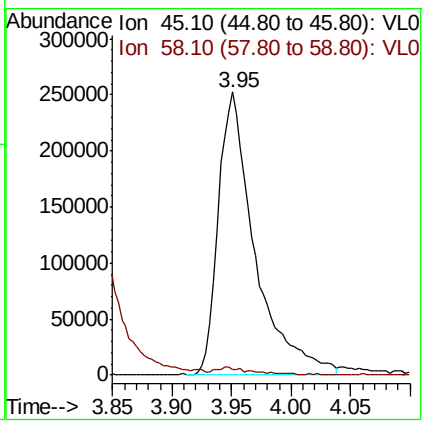


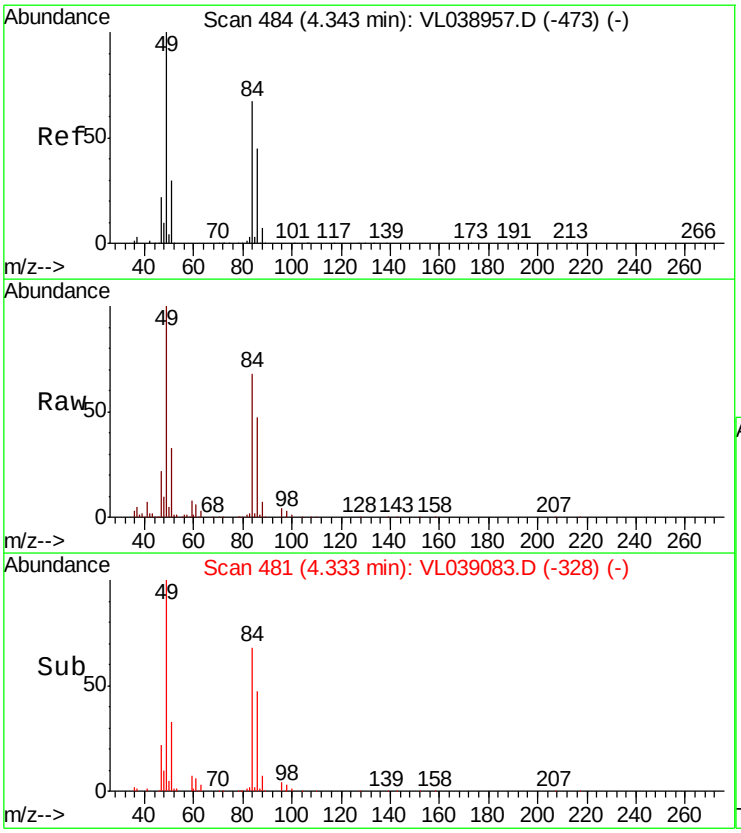
#19
Isopropyl Alcohol
Concen: 11.666 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 538558

Ion	Ratio	Lower	Upper
45	100		
58	2.9	1.4	2.2#

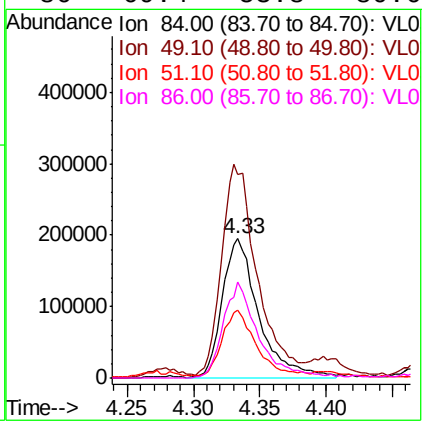


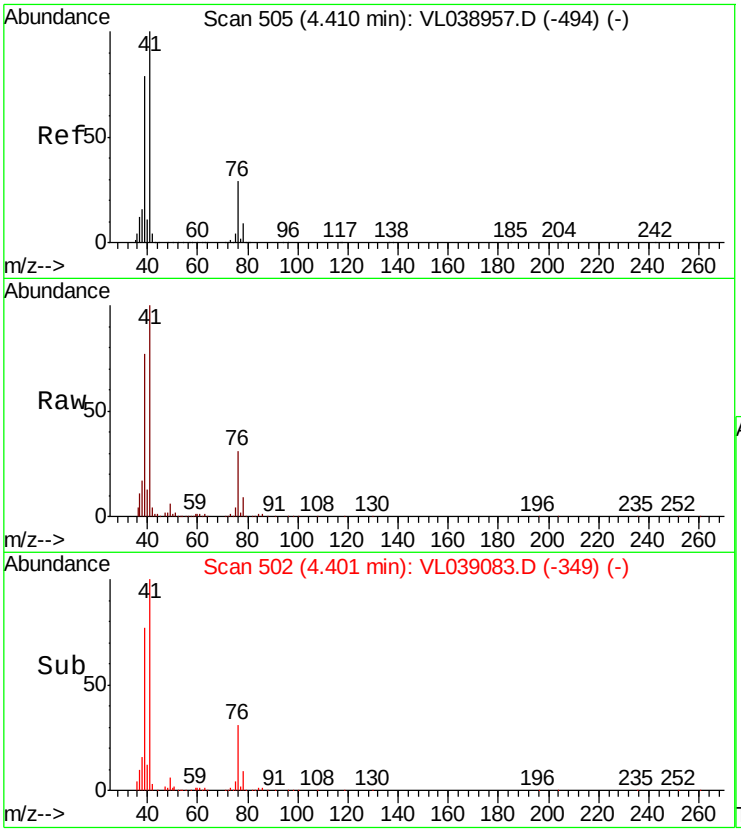


#20
Methylene Chloride
Concen: 10.132 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.01 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion: 84 Resp: 370775

Ion	Ratio	Lower	Upper
84	100		
49	144.3	119.9	179.9
51	47.2	35.7	53.5
86	69.4	53.8	80.6



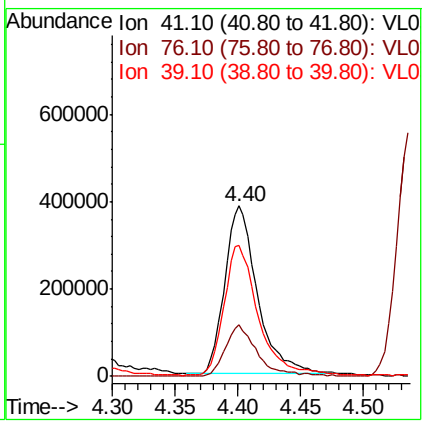


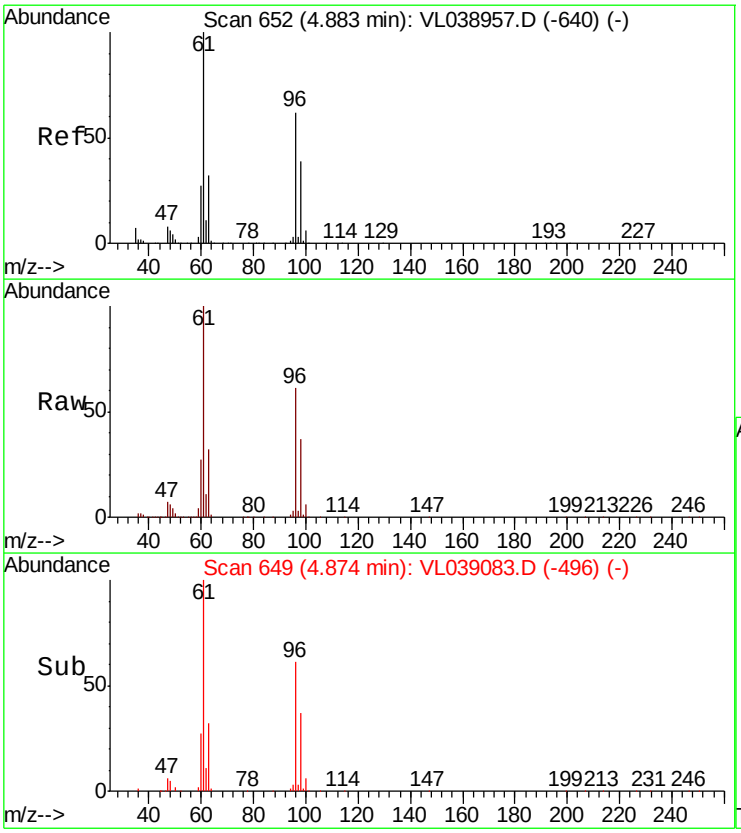
#21
Allvl Chloride
Concen: 10.536 ppbv
RT: 4.40
Delta R.T
Lab File:
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 697104

Ion	Ratio	Lower	Upper
41	100		
76	30.4	24.2	36.4
39	80.7	63.8	95.8

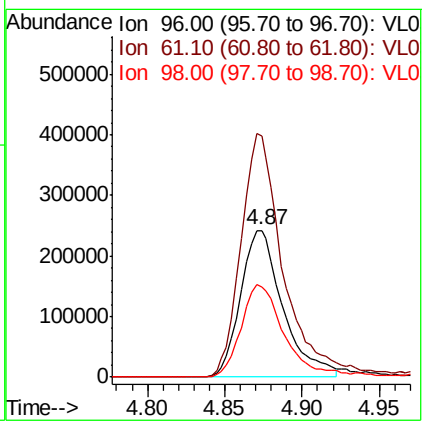


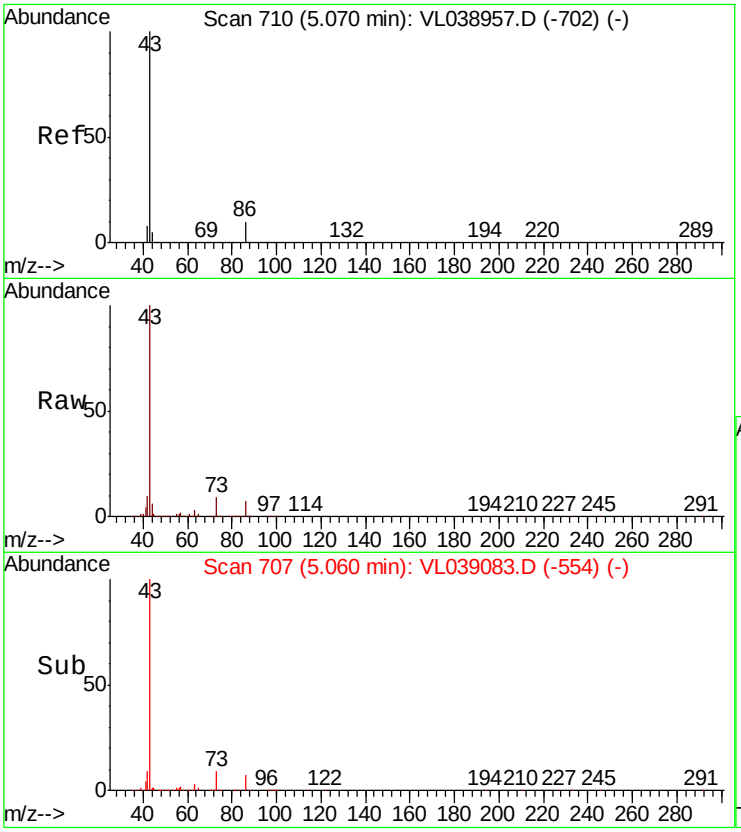


#22
trans-1,2-Dichloroethene
Concen: 10.406 ppbv
RT: 4.87 min Scan# 649
Delta R.T. -0.01 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion: 96 Resp: 461123

Ion	Ratio	Lower	Upper
96	100		
61	164.6	128.2	192.2
98	61.1	50.1	75.1



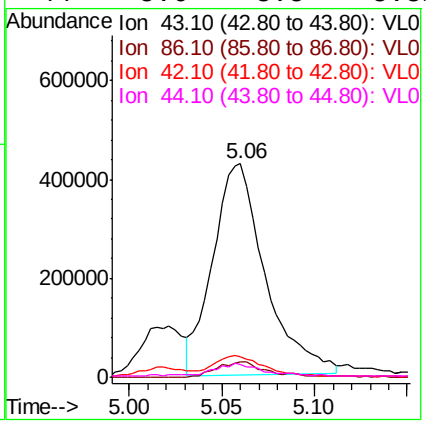


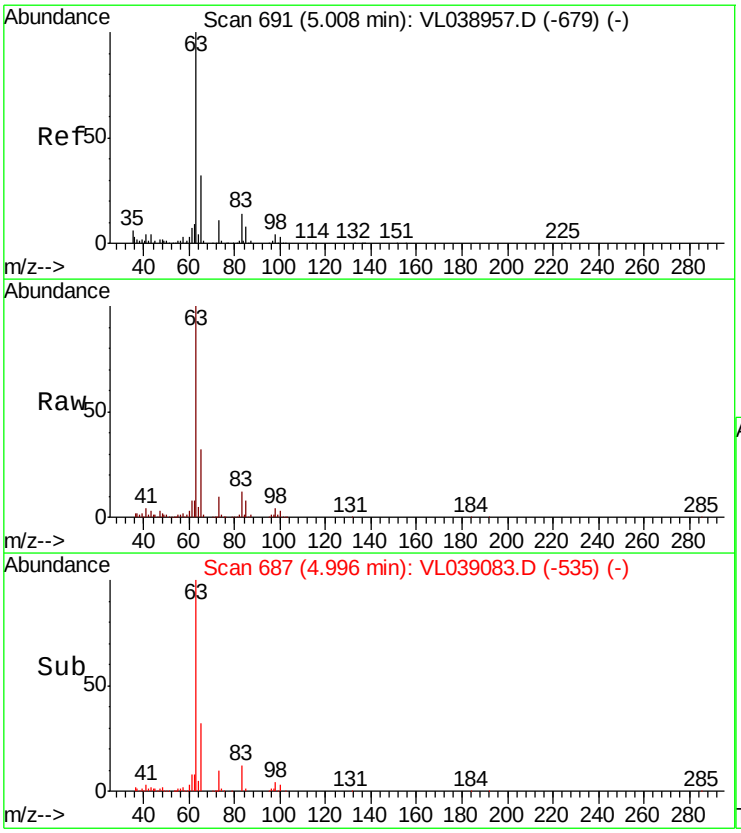
#23
Vinvl Acetate
Concen: 11.009 ppbv
RT: 5.06
Delta R.T
Lab File:
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 845759

Ion	Ratio	Lower	Upper
43	100		
86	7.1	6.6	9.8
42	9.4	8.1	12.1
44	5.6	3.5	5.3#

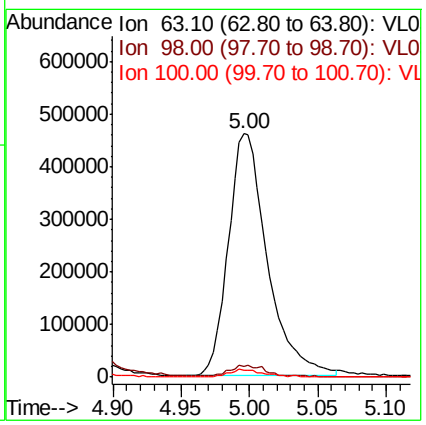


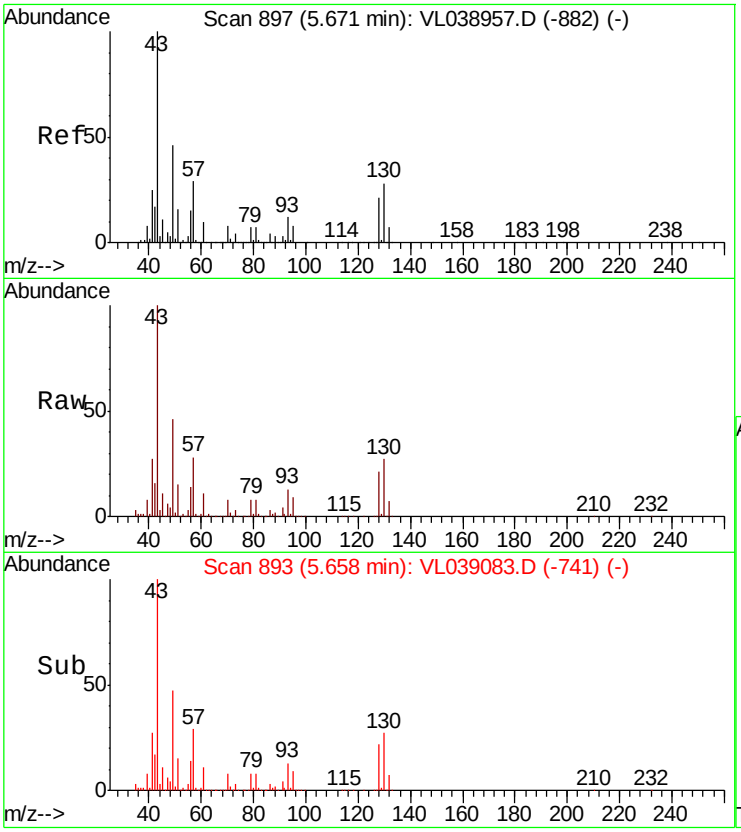


#24
1,1-Dichloroethane
Concen: 10.372 ppbv
RT: 5.00 min Scan# 687
Delta R.T. -0.01 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion: 63 Resp: 917529

Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.1	6.2
100	2.9	1.4	4.2



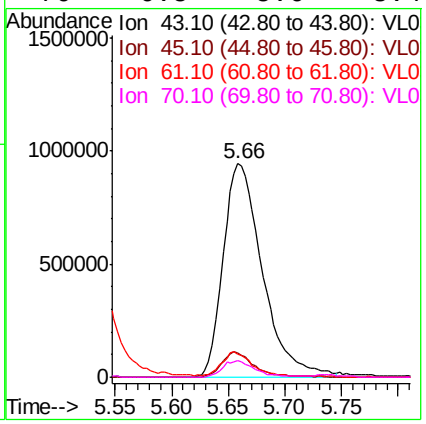


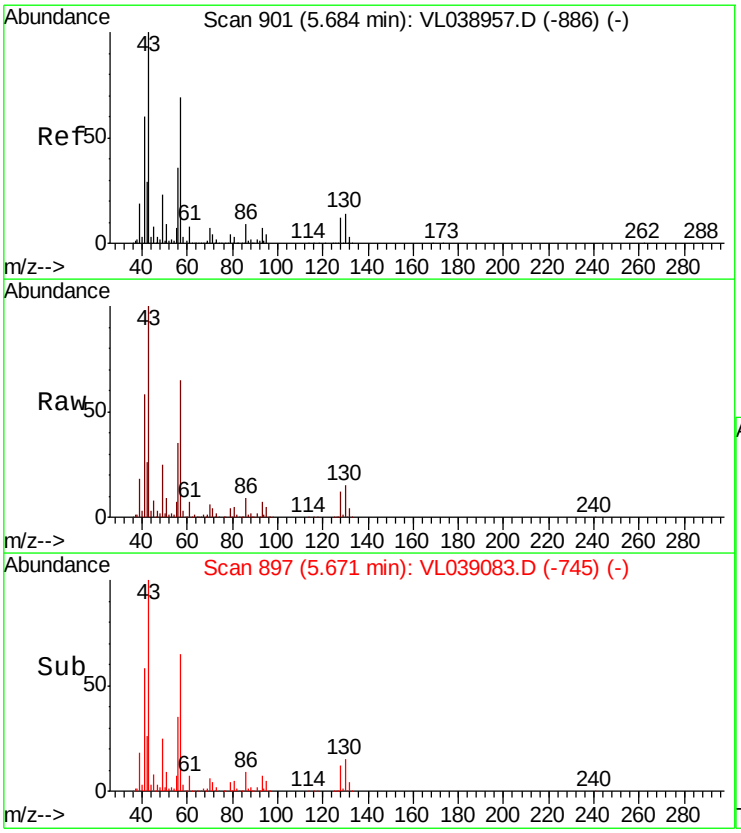
#25
Ethyl Acetate
Concen: 9.790 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2275059

Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.1	12.1
61	9.7	7.8	11.6
70	6.5	5.6	8.4

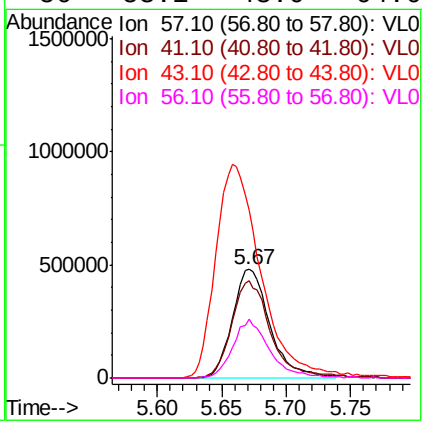


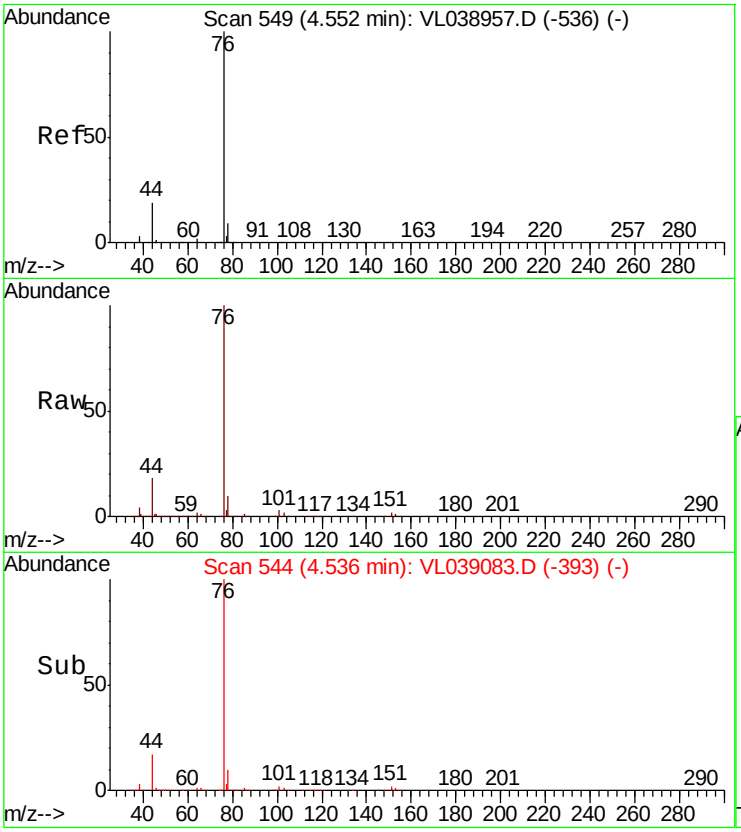


#26
Hexane
Concen: 9.416 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.01 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion: 57 Resp: 972310

Ion	Ratio	Lower	Upper
57	100		
41	93.9	75.2	112.8
43	237.7	190.8	286.2
56	53.1	43.0	64.6



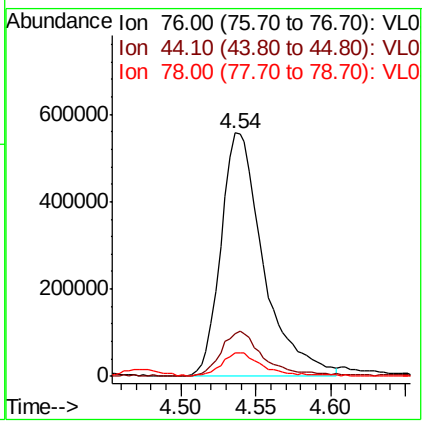


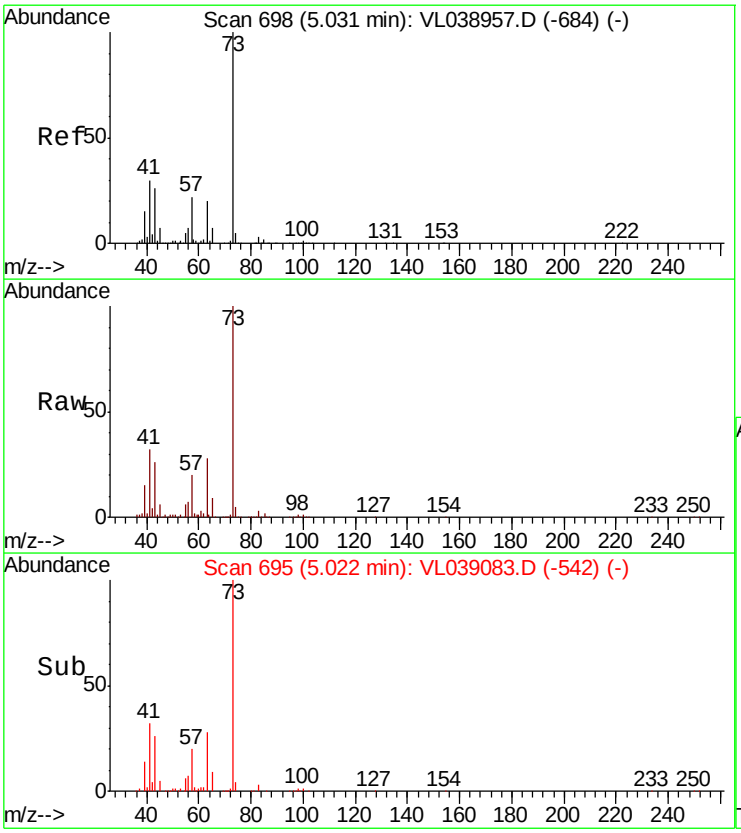
#27
Carbon Disulfide
Concen: 11.189 ppbv
RT: 4.54
Delta R.T
Lab File:
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 76 Resp: 1097550

Ion	Ratio	Lower	Upper
76	100		
44	19.2	15.3	22.9
78	10.0	8.2	12.2

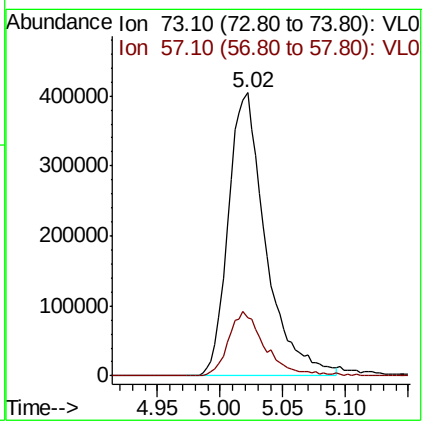


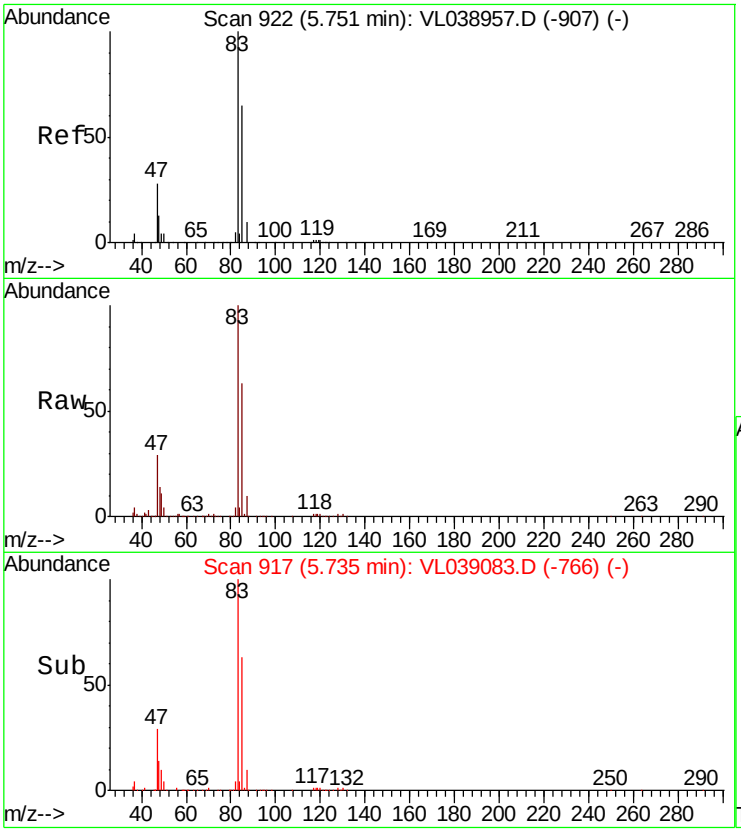


#28
Methyl tert-Butyl Ether
Concen: 10.697 ppbv
RT: 5.02 min Scan# 695
Delta R.T. -0.01 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion: 73 Resp: 840349

Ion	Ratio	Lower	Upper
73	100		
57	22.7	18.8	28.2



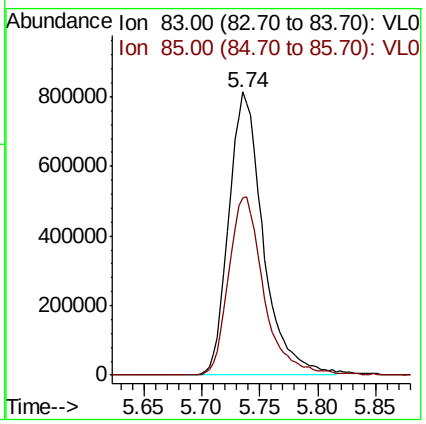


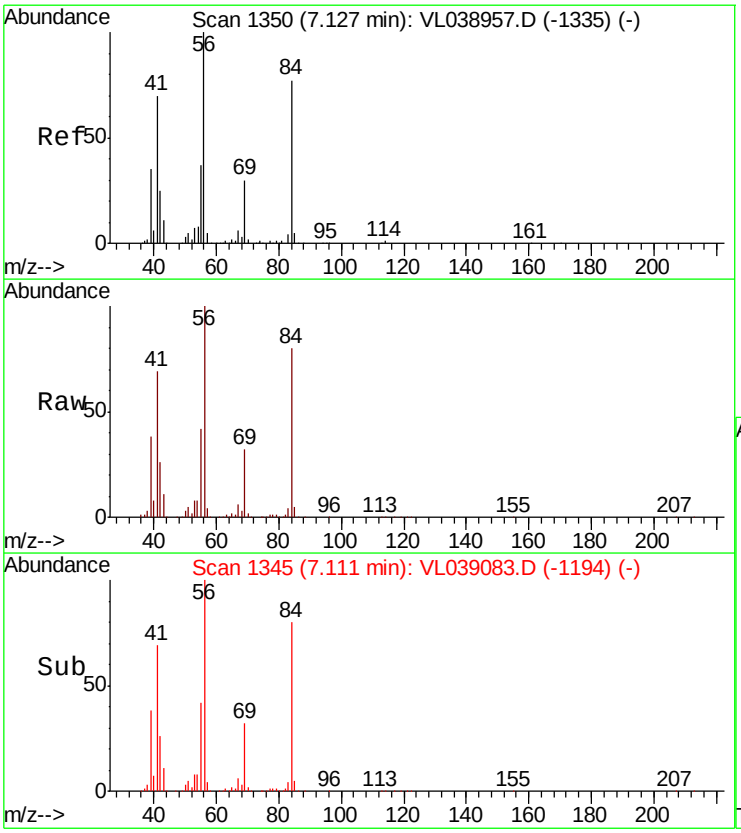
#29
Chloroform
Concen: 9.983 ppbv
RT: 5.74
Delta R.T
Lab File:
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1667806

Ion	Ratio	Lower	Upper
83	100		
85	62.5	51.8	77.6

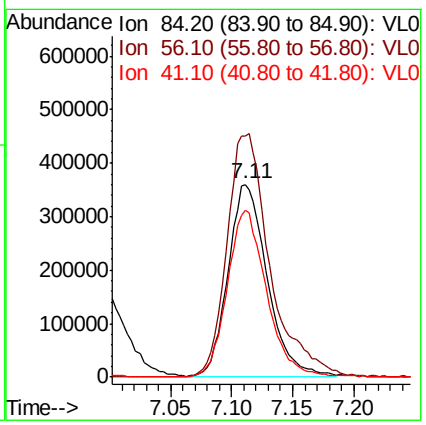


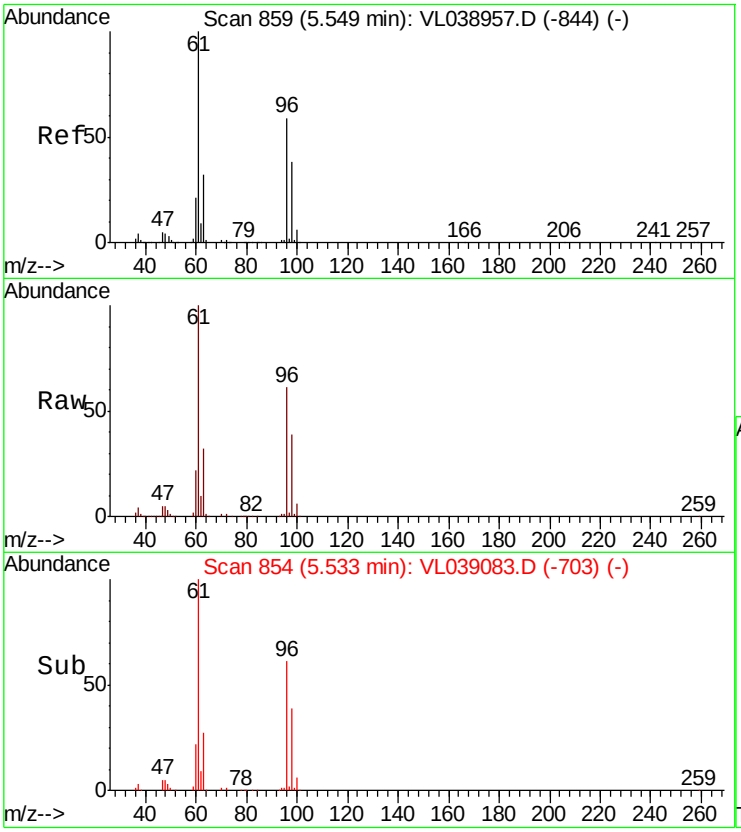


#30
Cyclohexane
Concen: 9.332 ppbv
RT: 7.11 min Scan# 1345
Delta R.T. -0.02 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion: 84 Resp: 806795

Ion	Ratio	Lower	Upper
84	100		
56	139.4	115.3	172.9
41	86.4	72.0	108.0



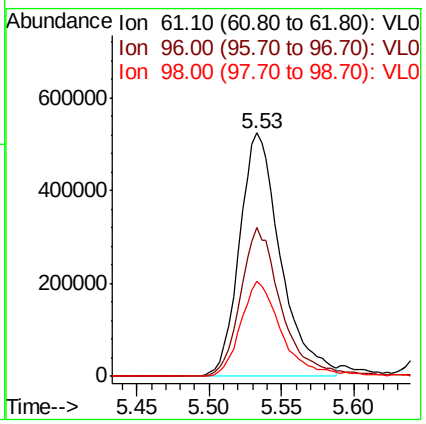


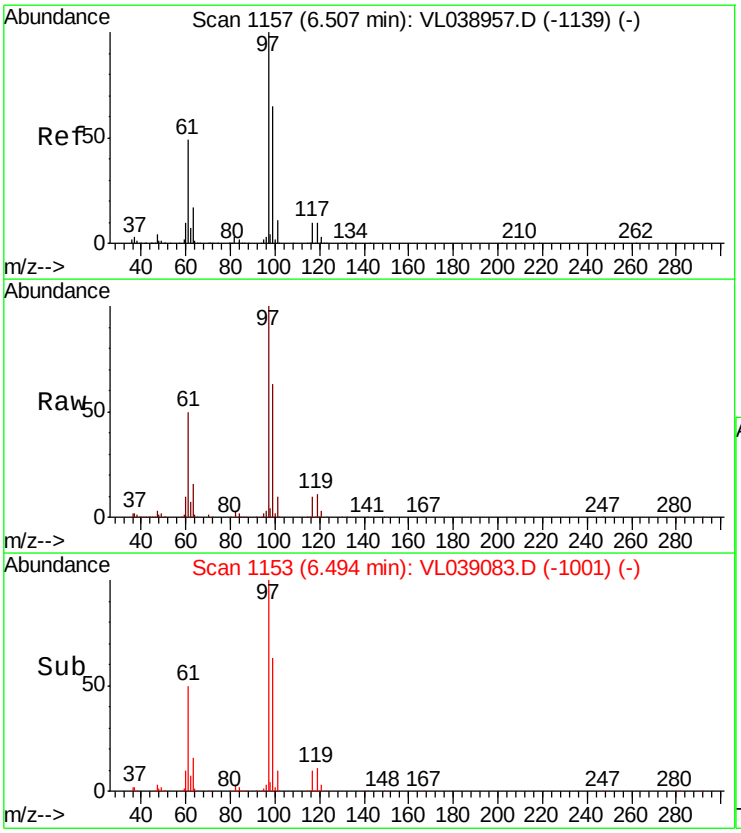
#31
cis-1,2-Dichloroethene
Concen: 9.770 ppbv
RT: 5.53
Delta R.T
Lab File:
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 61 Resp: 1027778

Ion	Ratio	Lower	Upper
61	100		
96	61.1	47.4	71.0
98	39.1	30.6	45.8

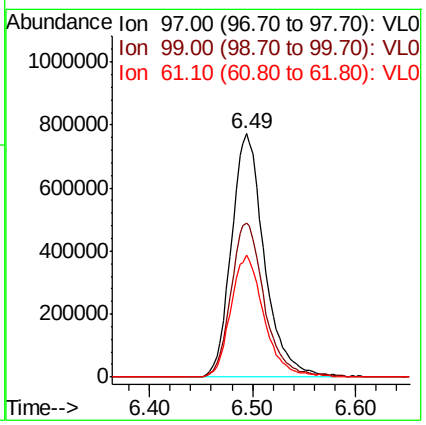


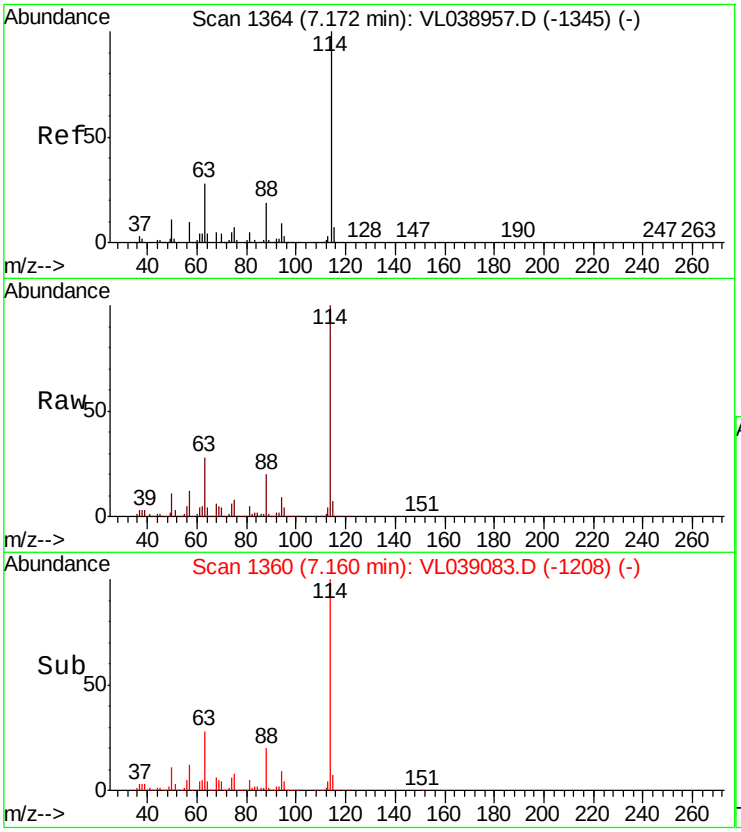


#32
1,1,1-Trichloroethane
Concen: 10.301 ppbv
RT: 6.49 min Scan# 1153
Delta R.T. -0.01 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion: 97 Resp: 1720742

Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.9	77.9
61	50.7	40.9	61.3



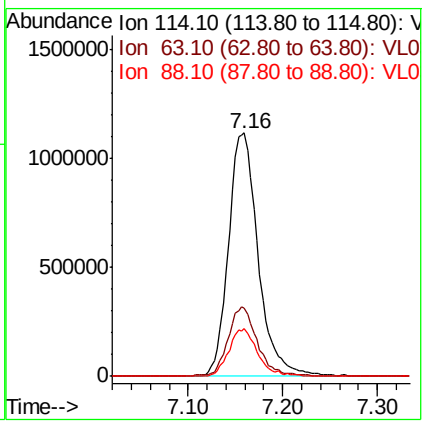


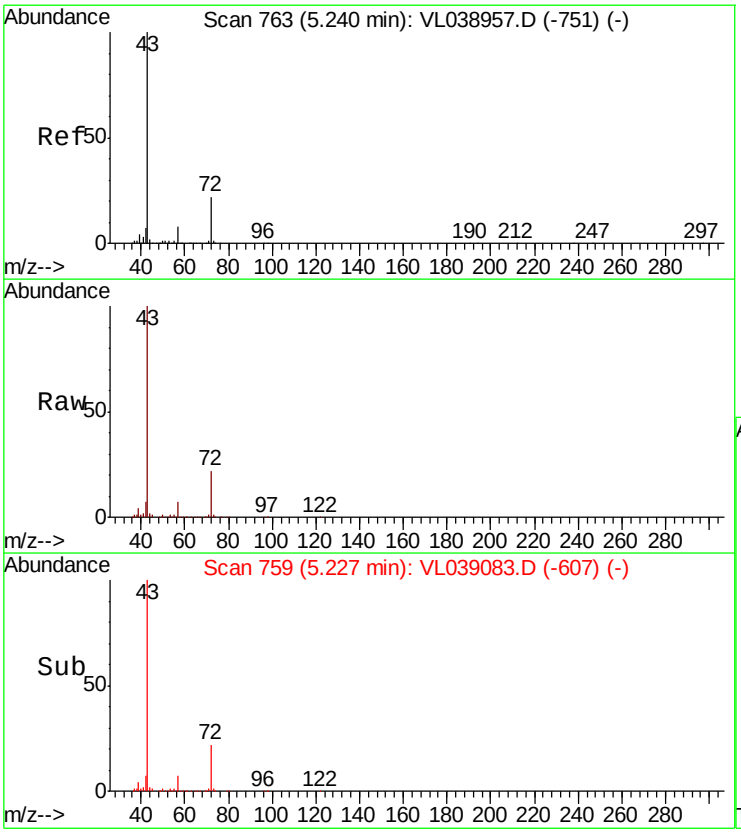
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16
Delta R.T
Lab File:
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:114 Resp: 2434547

Ion	Ratio	Lower	Upper
114	100		
63	28.6	22.6	33.8
88	19.2	15.4	23.0

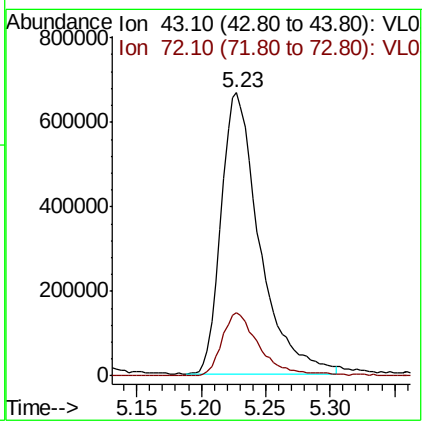


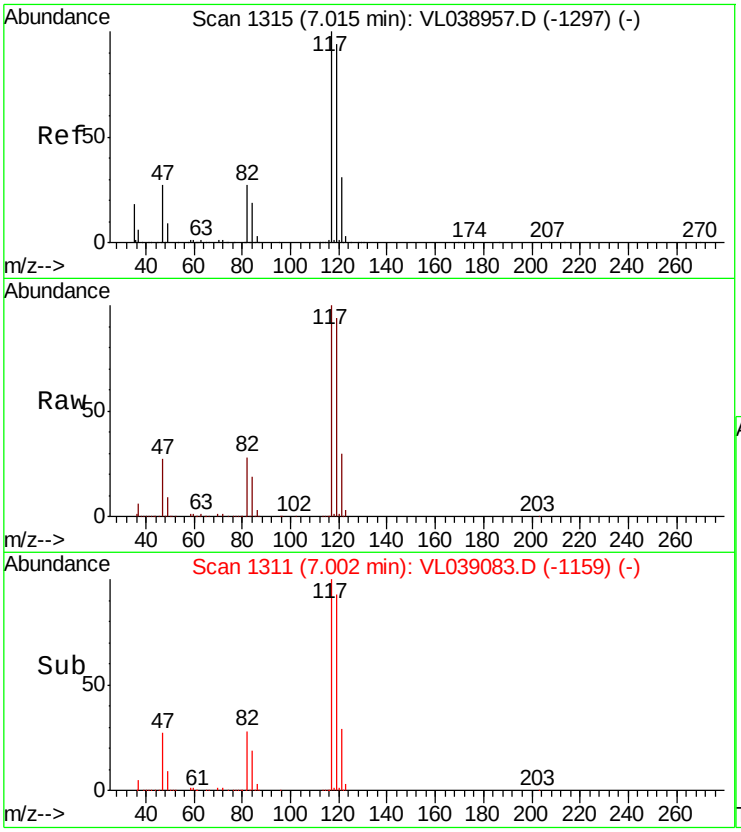


#34
2-Butanone
Concen: 11.139 ppbv
RT: 5.23 min Scan# 759
Delta R.T. -0.01 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion: 43 Resp: 1383553

Ion	Ratio	Lower	Upper
43	100		
72	22.2	17.8	26.6



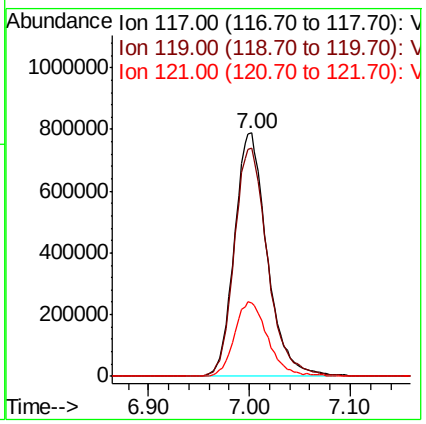


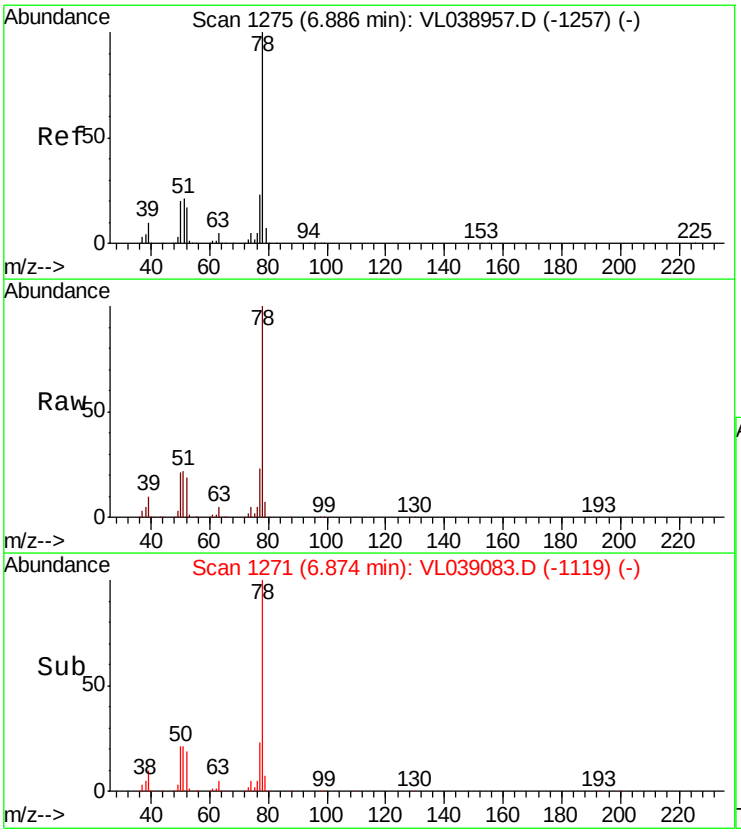
#35
Carbon Tetrachloride
Concen: 11.034 ppbv
RT: 7.00
Delta R.T
Lab File:
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 1769969

Ion	Ratio	Lower	Upper
117	100		
119	94.0	75.2	112.8
121	29.9	24.6	37.0

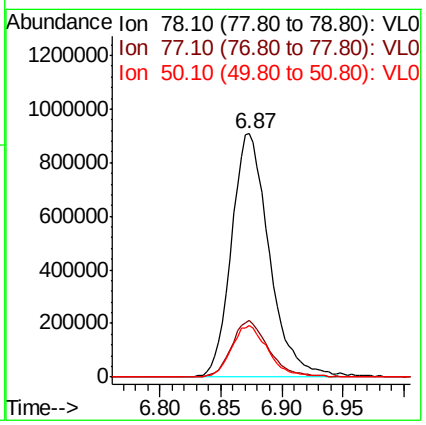


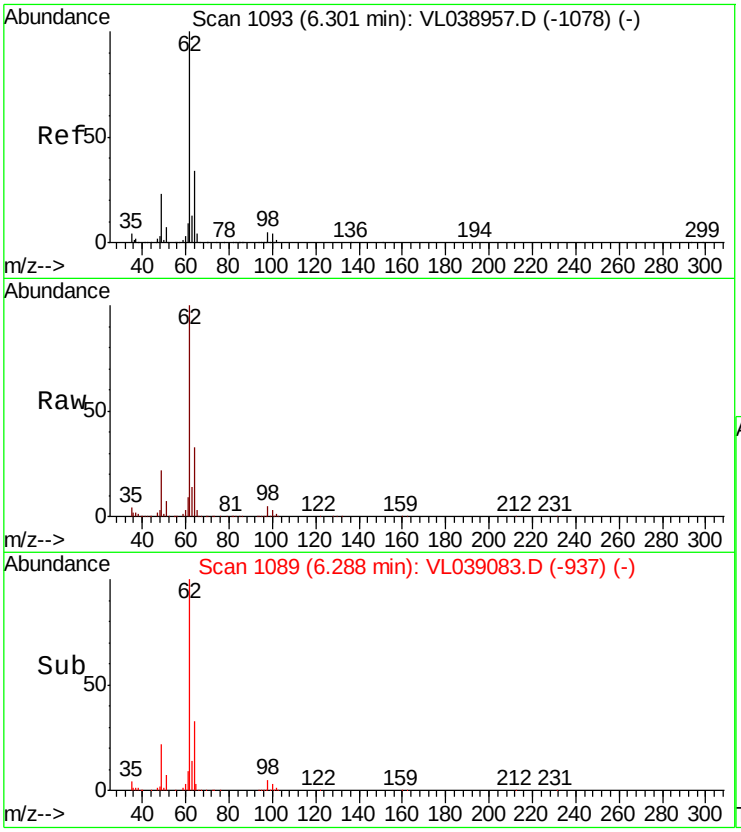


#36
Benzene
Concen: 9.349 ppbv
RT: 6.87 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion: 78 Resp: 1947739

Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.6	28.0
50	21.4	15.6	23.4



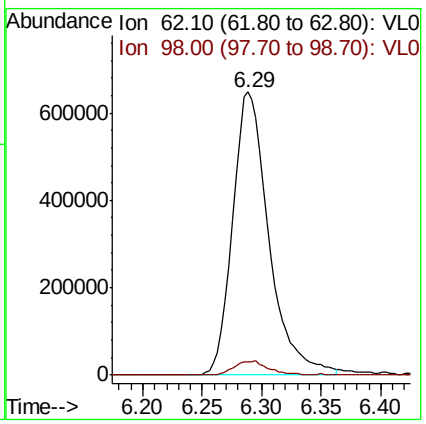


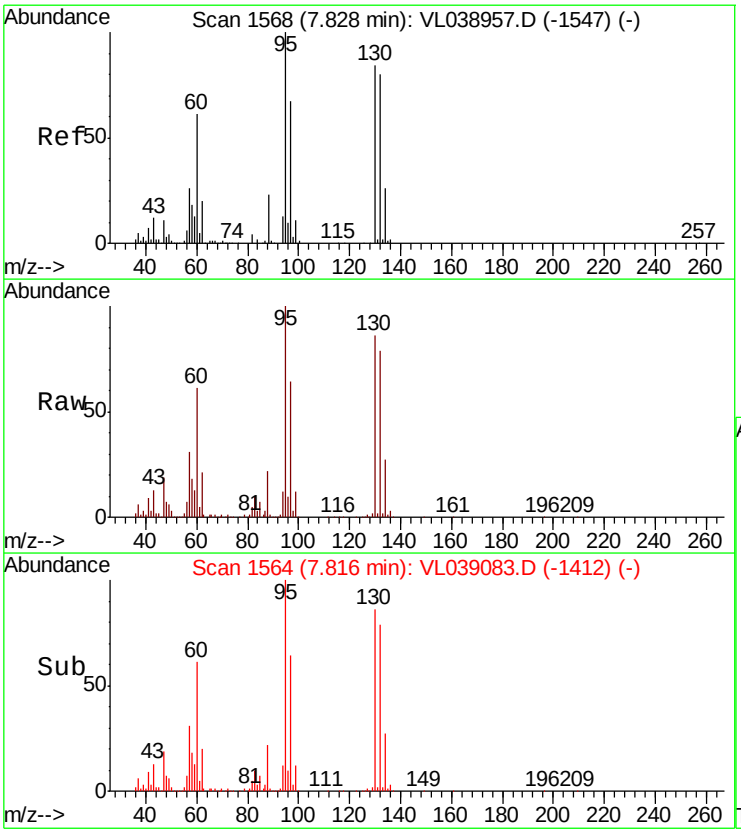
#37
1,2-Dichloroethane
Concen: 10.614 ppbv
RT: 6.29
Delta R.T
Lab File:
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 1368261

Ion	Ratio	Lower	Upper
62	100		
98	5.1	4.5	6.7

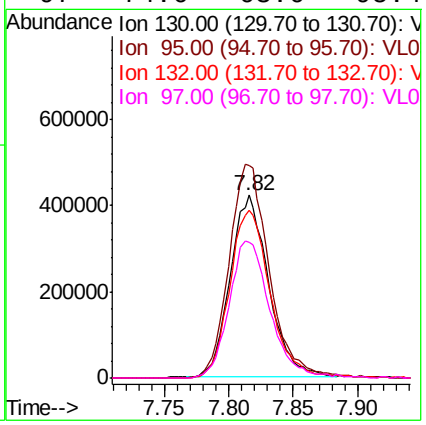


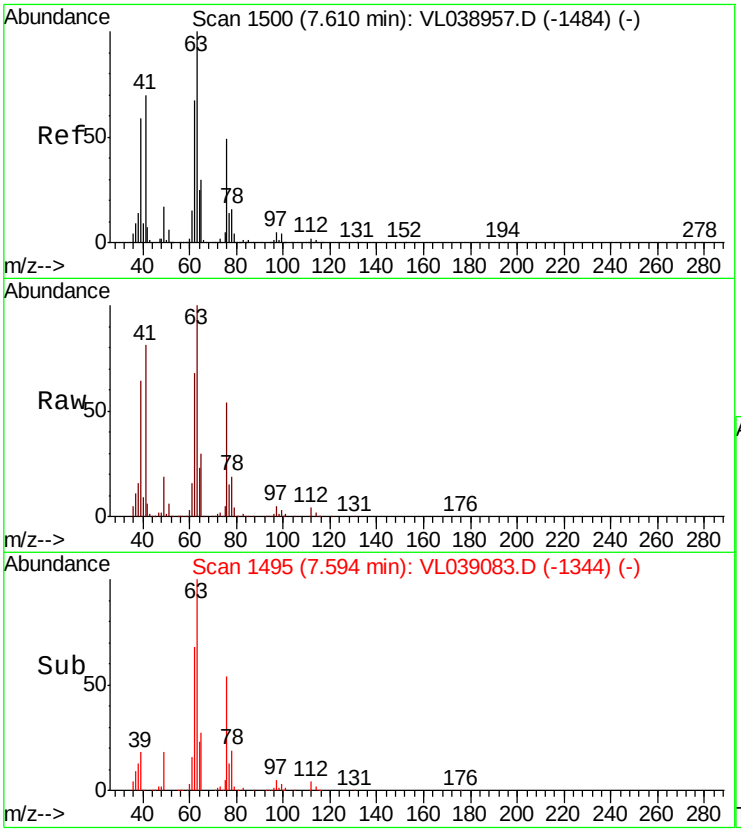


#38
Trichloroethene
Concen: 9.456 ppbv
RT: 7.82 min Scan# 1564
Delta R.T. -0.01 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion:130 Resp: 875840

Ion	Ratio	Lower	Upper
130	100		
95	116.6	94.8	142.2
132	91.7	75.8	113.8
97	74.6	63.6	95.4



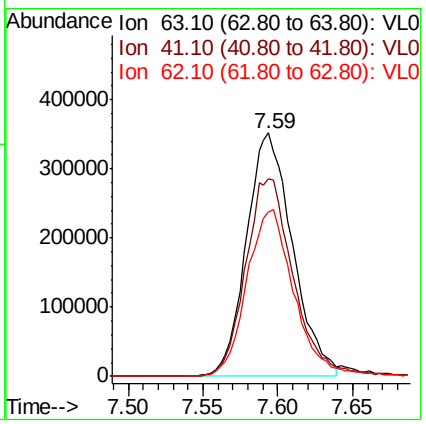


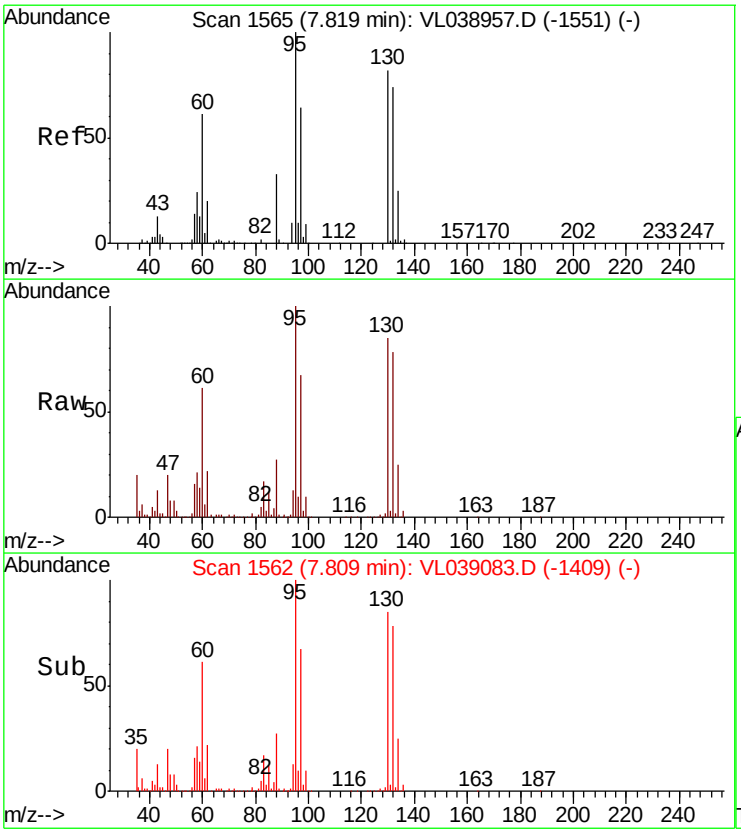
#39
1,2-Dichloropropane
Concen: 9.307 ppbv
RT: 7.59
Delta R.T
Lab File:
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 63 Resp: 754458

Ion	Ratio	Lower	Upper
63	100		
41	81.2	55.9	83.9
62	67.6	53.8	80.6

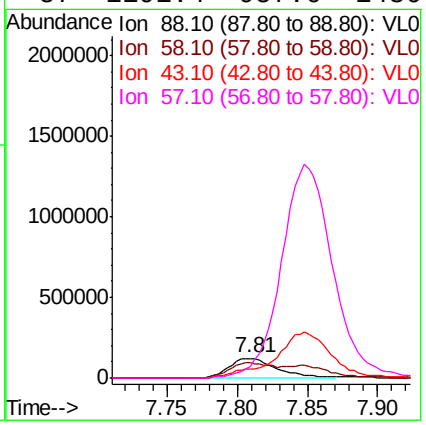


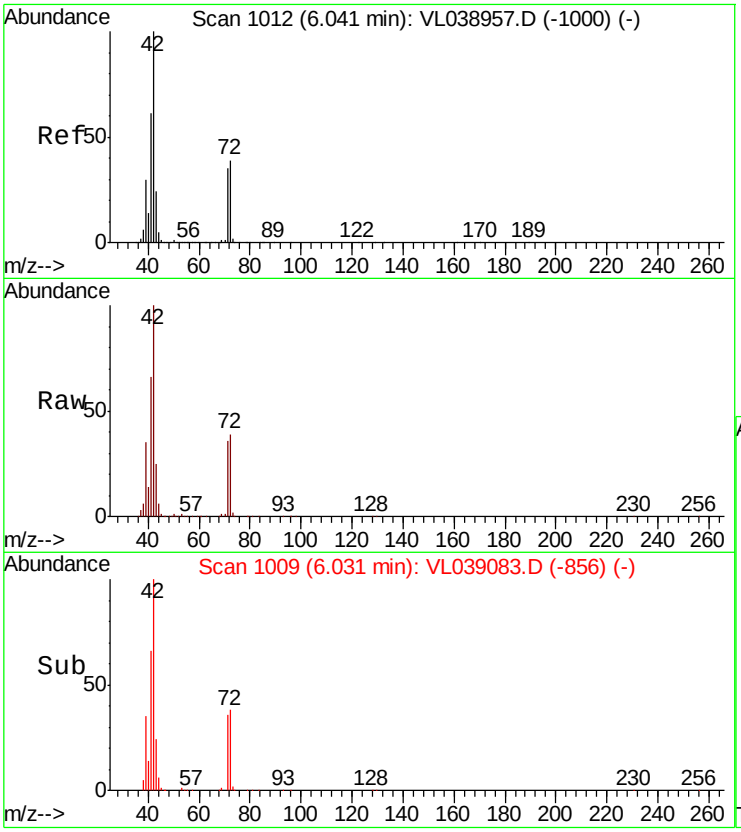


#40
1,4-Dioxane
Concen: 9.762 ppbv
RT: 7.81 min Scan# 1562
Delta R.T. -0.01 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion: 88 Resp: 284224

Ion	Ratio	Lower	Upper
88	100		
58	134.7	106.1	159.1
43	276.0	222.9	334.3
57	1191.4	957.6	1436.4



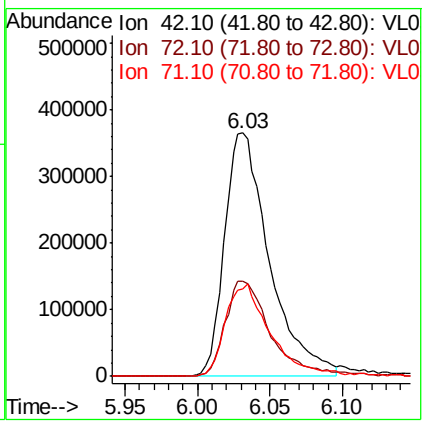


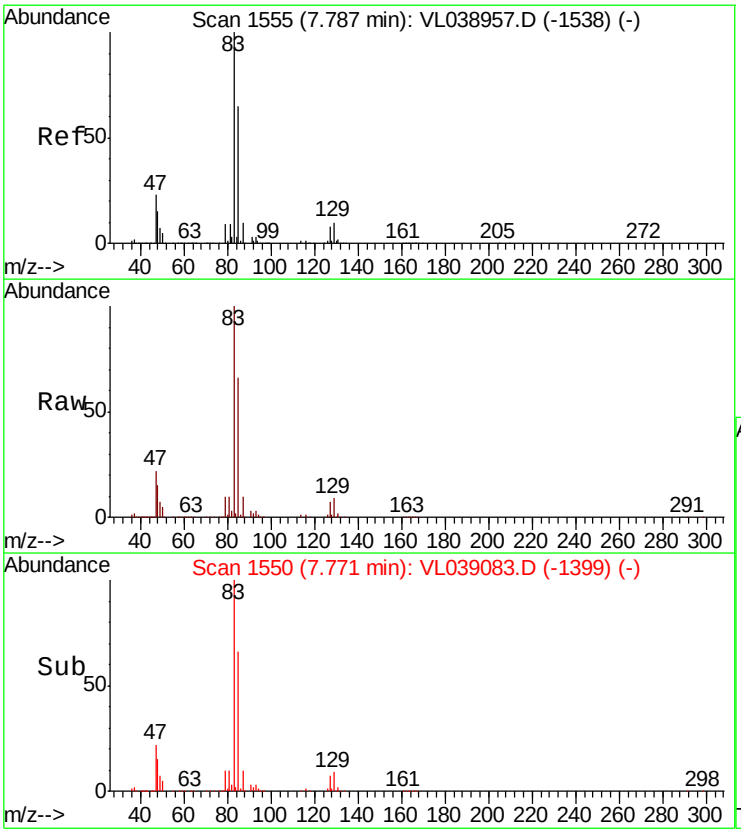
#41
Tetrahydrofuran
Concen: 9.403 ppbv
RT: 6.03
Delta R.T
Lab File:
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 784922

Ion	Ratio	Lower	Upper
42	100		
72	40.5	31.8	47.6
71	38.9	30.6	45.8

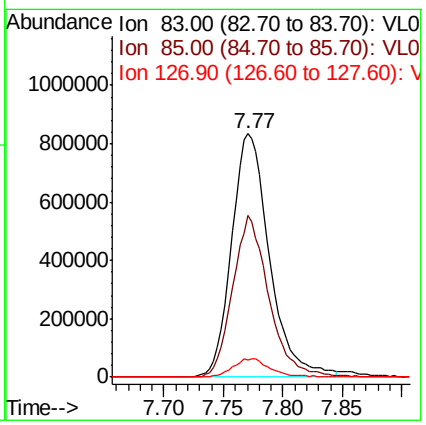


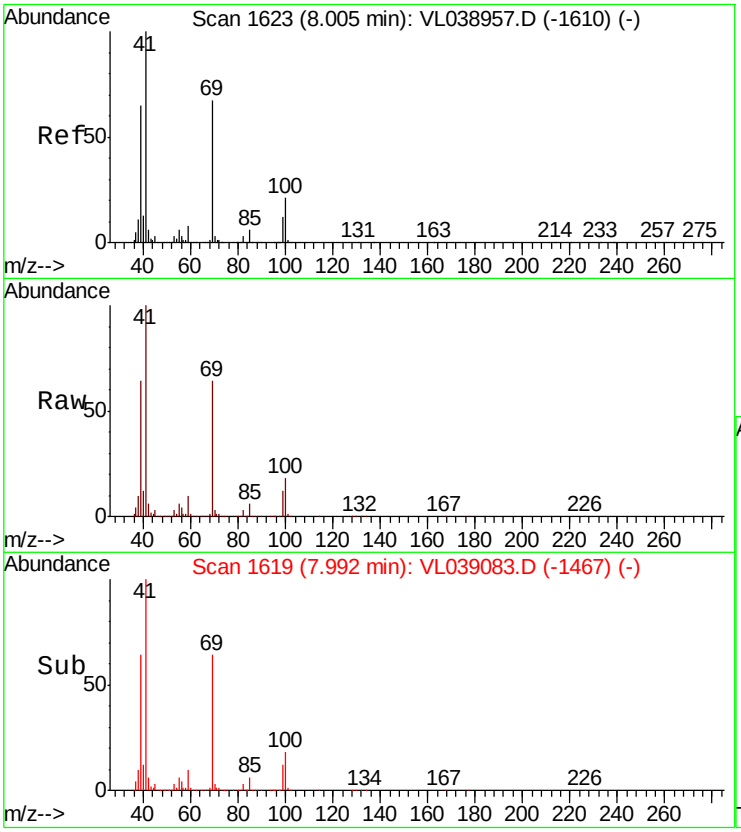


#42
Bromodichloromethane
Concen: 10.435 ppbv
RT: 7.77 min Scan# 1550
Delta R.T. -0.02 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion: 83 Resp: 1838981

Ion	Ratio	Lower	Upper
83	100		
85	66.4	52.0	78.0
127	6.9	6.0	9.0



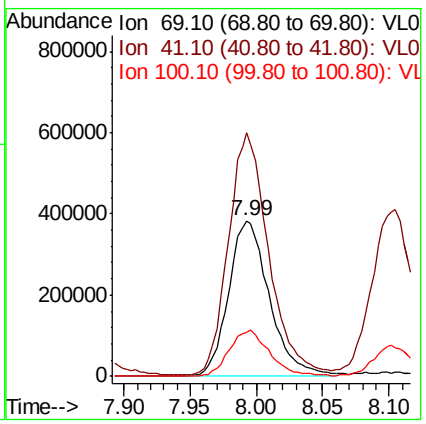


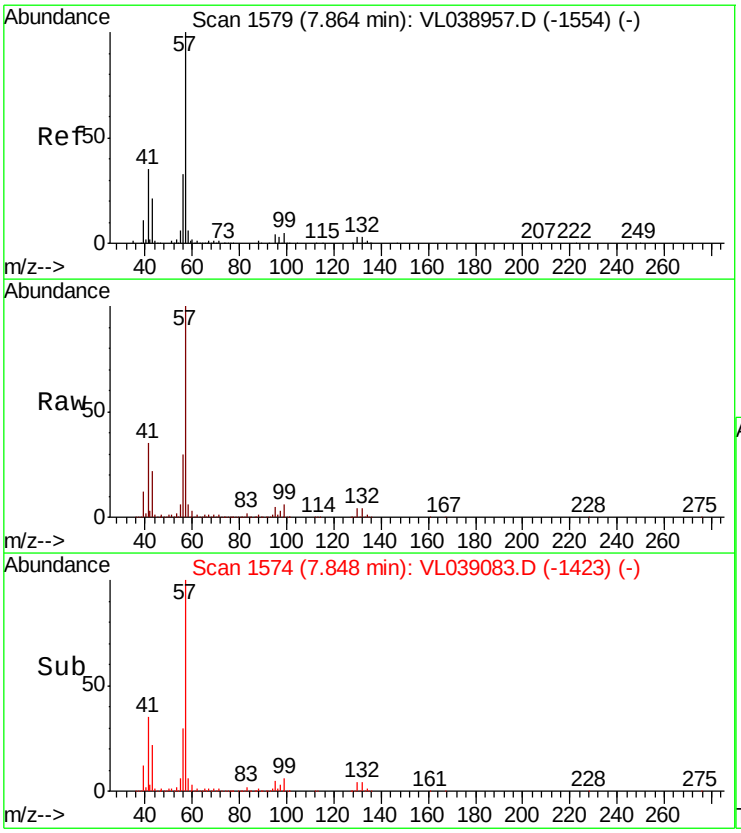
#43
Methyl Methacrylate
Concen: 9.675 ppbv
RT: 7.99
Delta R.T
Lab File:
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 818332

Ion	Ratio	Lower	Upper
69	100		
41	155.6	121.9	182.9
100	29.5	24.6	36.8

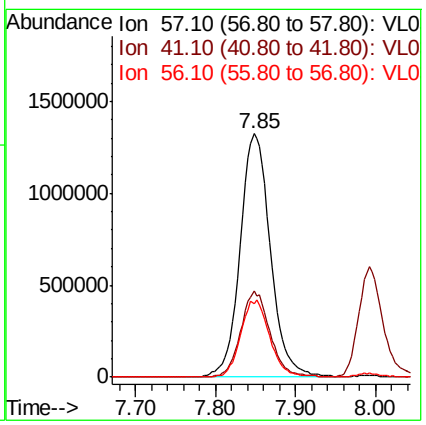


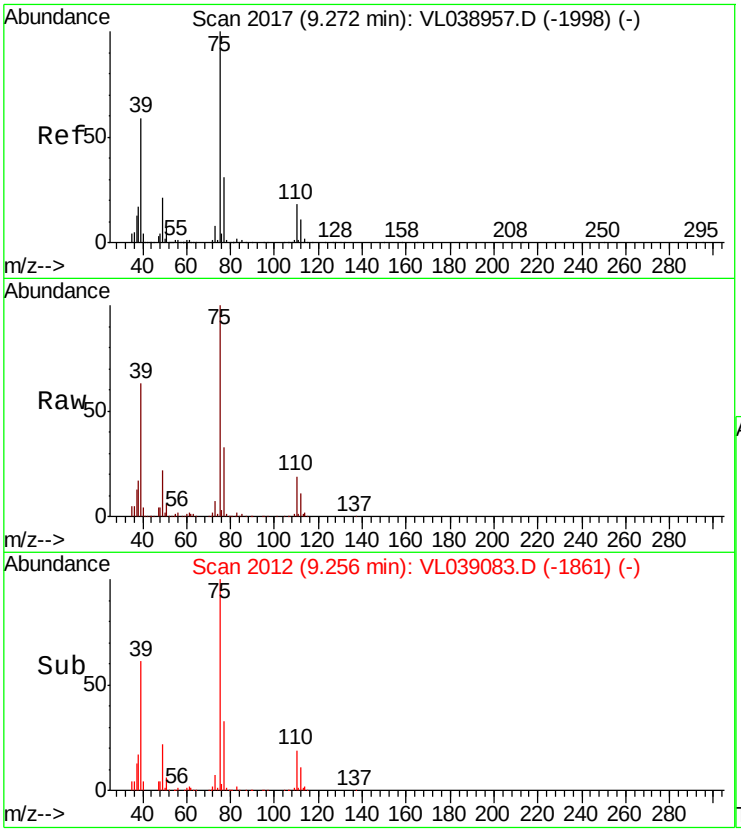


#44
2,2,4-Trimethylpentane
Concen: 9.250 ppbv
RT: 7.85 min Scan# 1574
Delta R.T. -0.02 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion: 57 Resp: 3381651

Ion	Ratio	Lower	Upper
57	100		
41	33.9	26.3	39.5
56	30.4	24.6	37.0



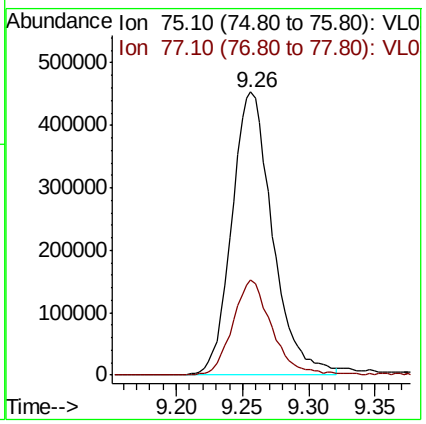


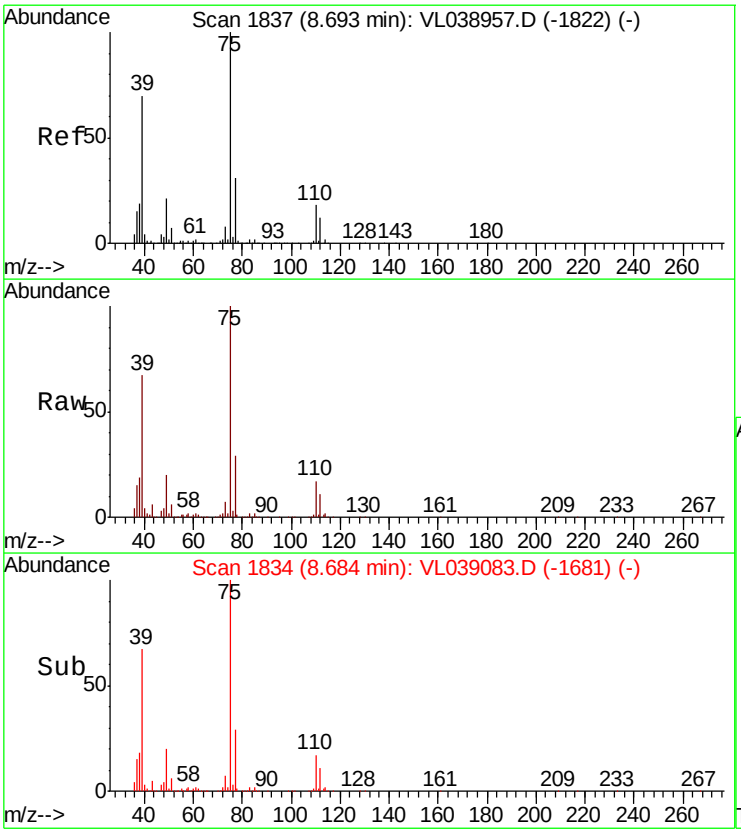
#45
t-1,3-Dichloropropene
Concen: 11.833 ppbv
RT: 9.26
Delta R.T
Lab File:
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 968844

Ion	Ratio	Lower	Upper
75	100		
77	33.5	24.6	37.0

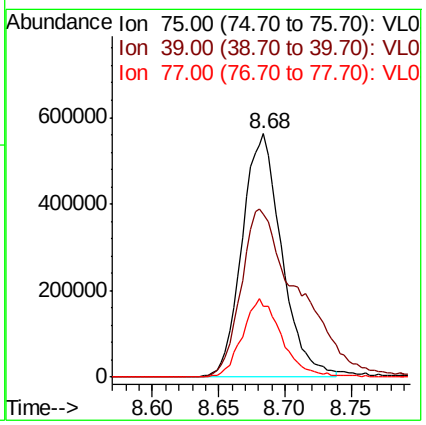


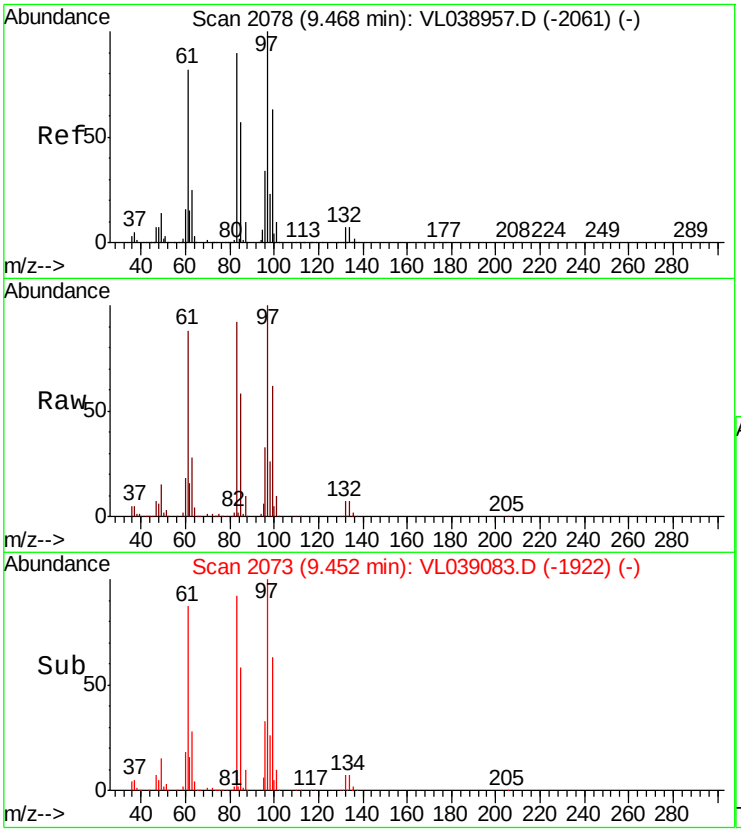


#46
cis-1,3-Dichloropropene
Concen: 10.737 ppbv
RT: 8.68 min Scan# 1834
Delta R.T. -0.01 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion: 75 Resp: 1165770

Ion	Ratio	Lower	Upper
75	100		
39	67.0	55.8	83.6
77	28.9	24.8	37.2



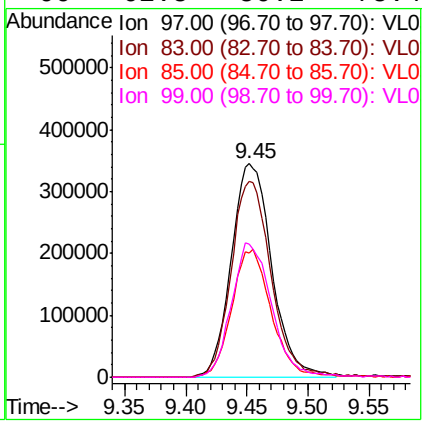


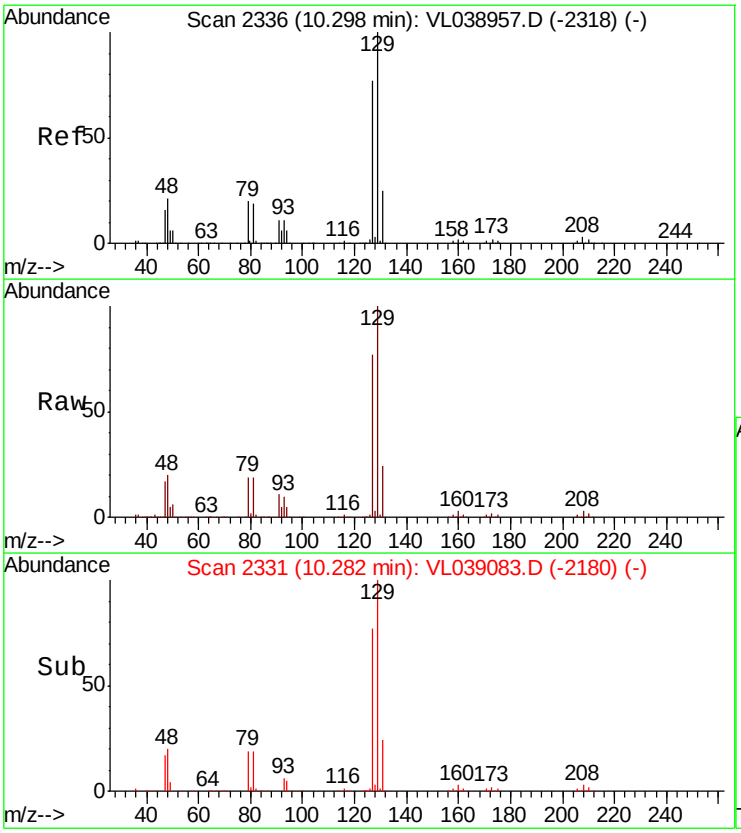
#47
1,1,2-Trichloroethane
Concen: 9.424 ppbv
RT: 9.45
Delta R.T
Lab File:
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 97 Resp: 794532

Ion	Ratio	Lower	Upper
97	100		
83	91.5	72.0	108.0
85	57.9	45.7	68.5
99	62.5	50.2	75.4

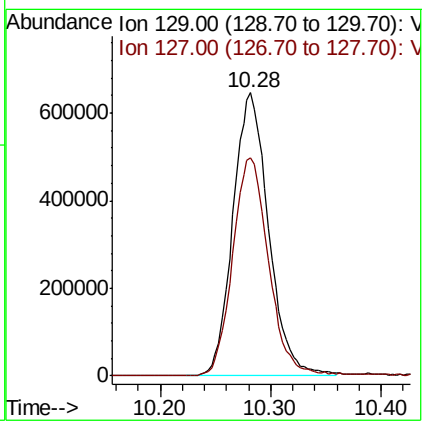


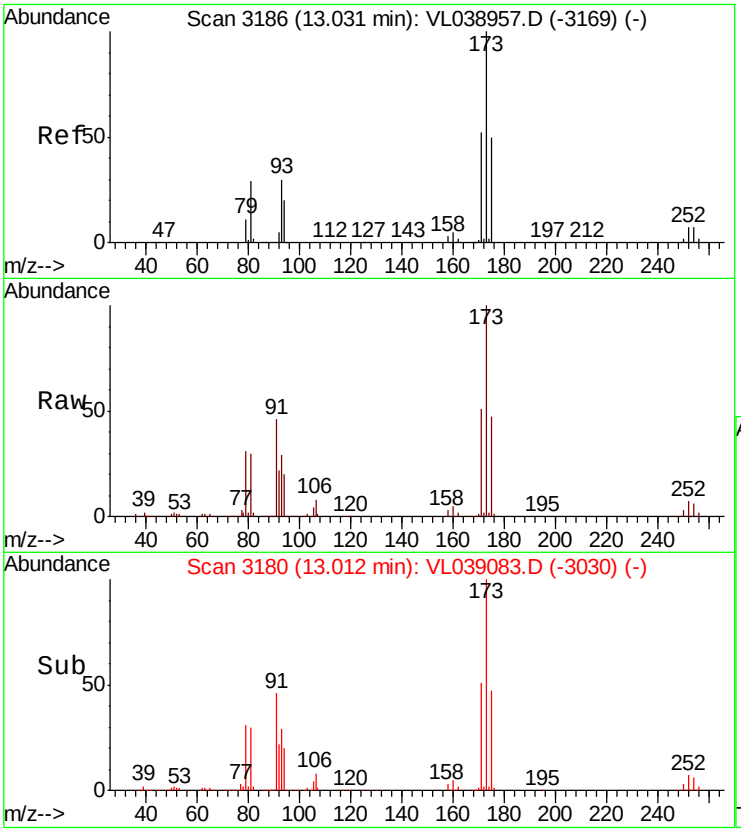


#48
Dibromochloromethane
Concen: 10.539 ppbv
RT: 10.28 min Scan# 2331
Delta R.T. -0.02 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion:129 Resp: 1446254

Ion	Ratio	Lower	Upper
129	100		
127	77.8	39.3	117.9



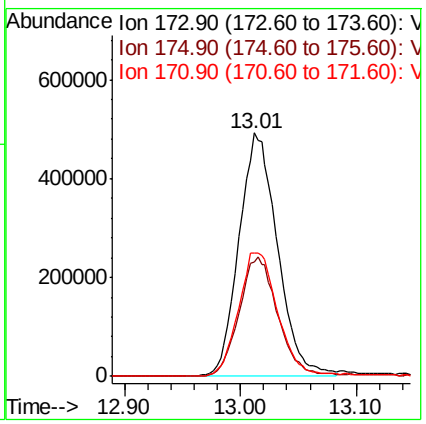


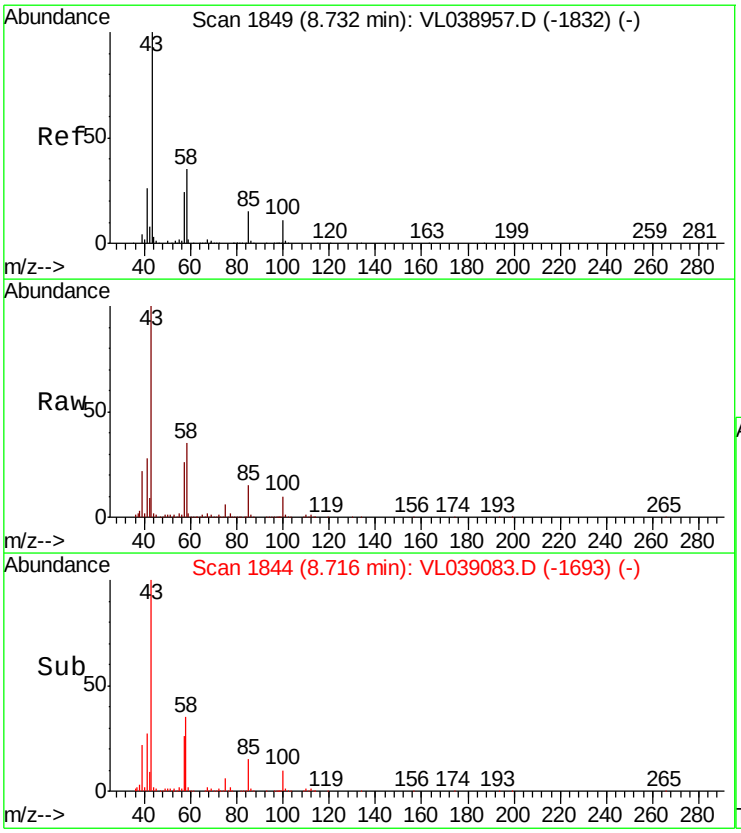
#49
Bromoform
Concen: 10.872 ppbv
RT: 13.01
Delta R.T
Lab File:
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 1137887

Ion	Ratio	Lower	Upper
173	100		
175	50.5	41.0	61.6
171	53.1	42.6	64.0

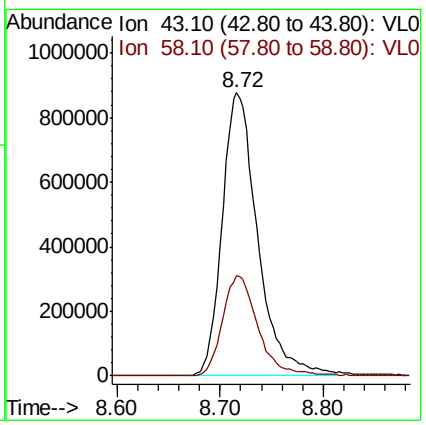


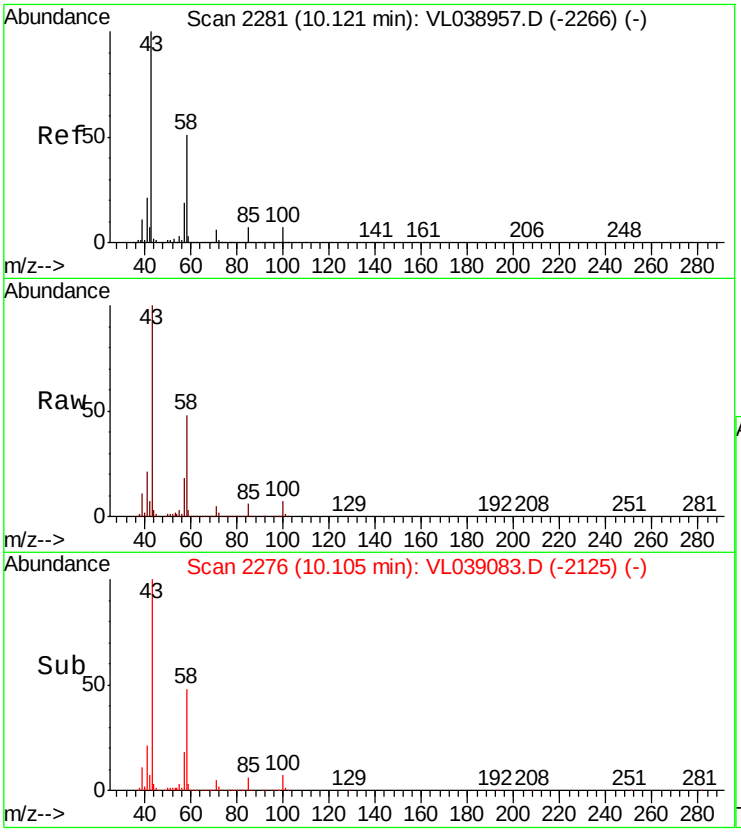


#50
4-Methyl-2-Pentanone
Concen: 9.657 ppbv
RT: 8.72 min Scan# 1844
Delta R.T. -0.02 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion: 43 Resp: 2103328

Ion	Ratio	Lower	Upper
43	100		
58	35.8	28.4	42.6



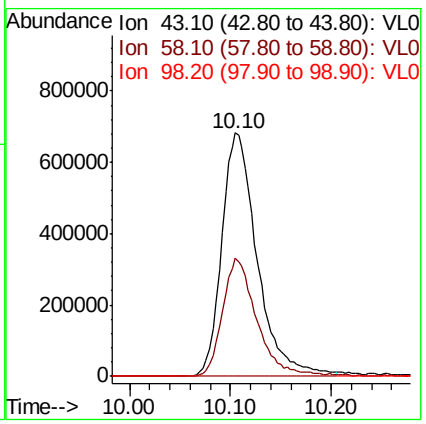


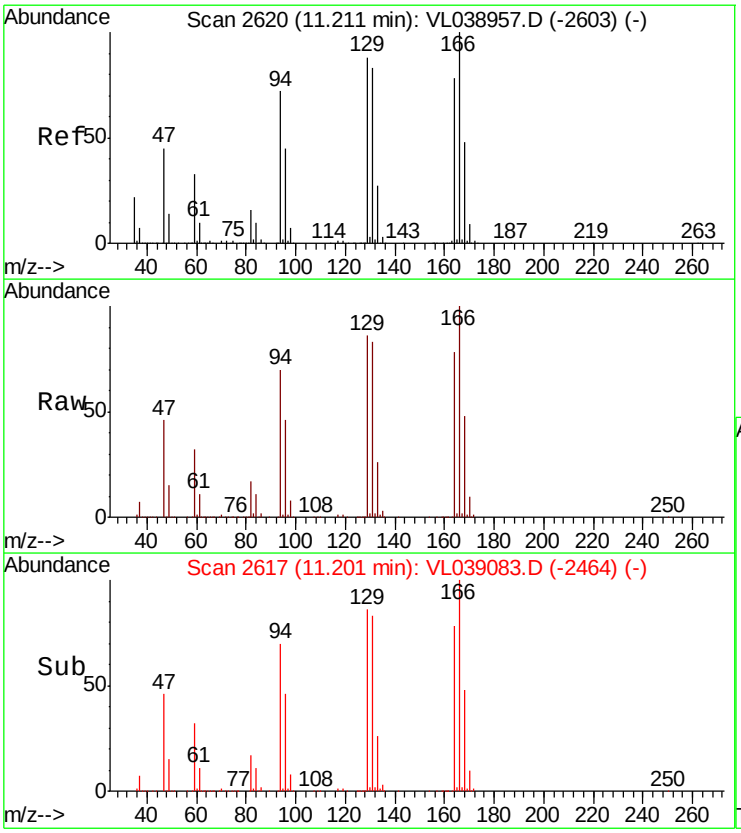
#51
2-Hexanone
Concen: 10.465 ppbv
RT: 10.10
Delta R.T
Lab File:
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1663560

Ion	Ratio	Lower	Upper
43	100		
58	47.6	39.3	58.9
98	0.1	0.2	0.2#

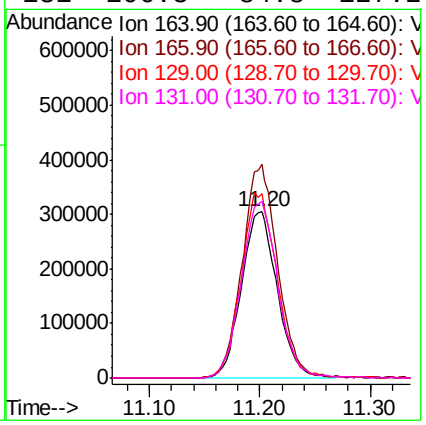


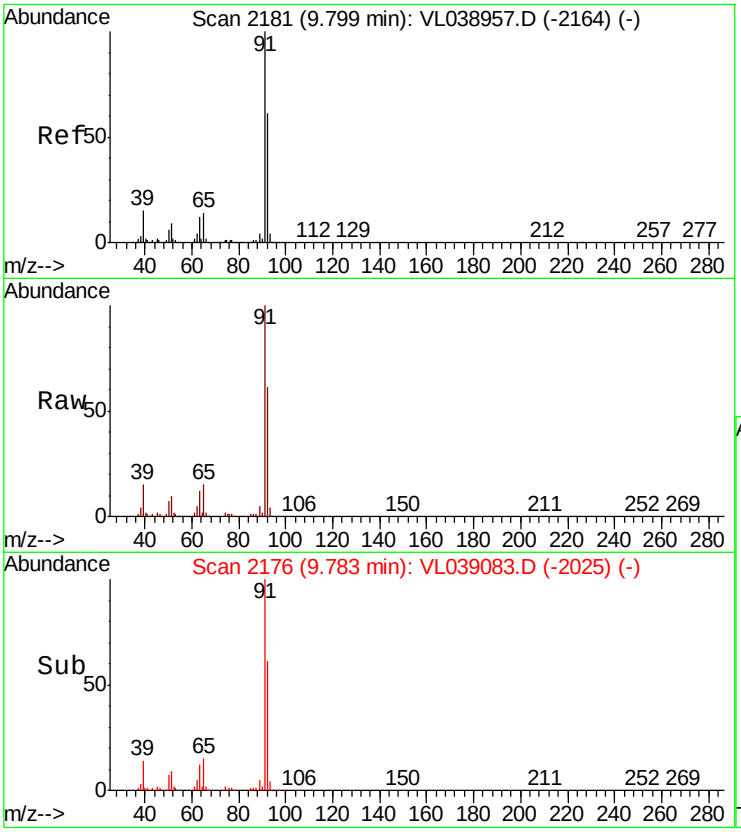


#52
Tetrachloroethene
Concen: 9.189 ppbv
RT: 11.20 min Scan# 2617
Delta R.T. -0.01 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion:164 Resp: 684126

Ion	Ratio	Lower	Upper
164	100		
166	128.7	102.5	153.7
129	111.2	90.1	135.1
131	106.3	84.8	127.2



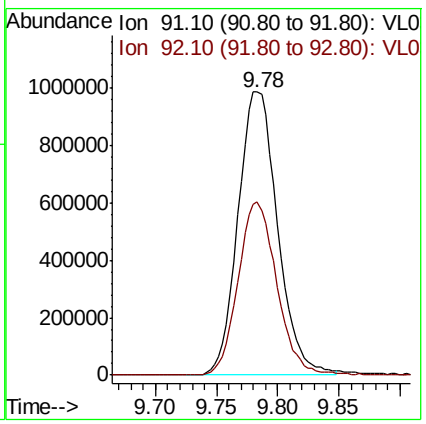


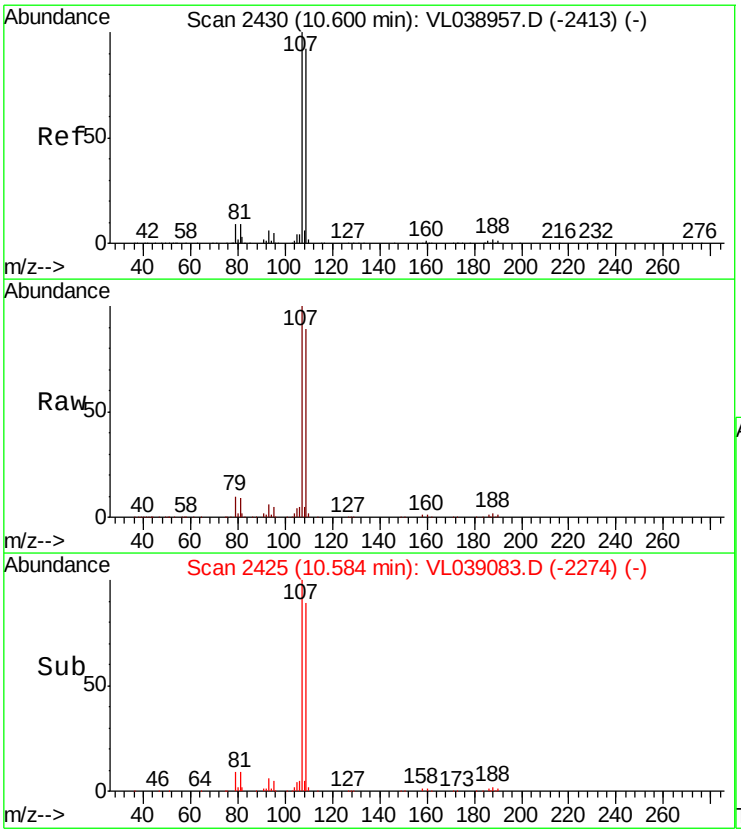
#53
Toluene
Concen: 9.476 ppbv
RT: 9.78
Delta R.T
Lab File:
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2212745

Ion	Ratio	Lower	Upper
91	100		
92	60.4	48.2	72.2

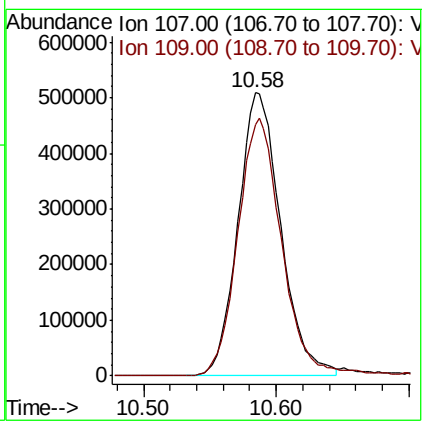


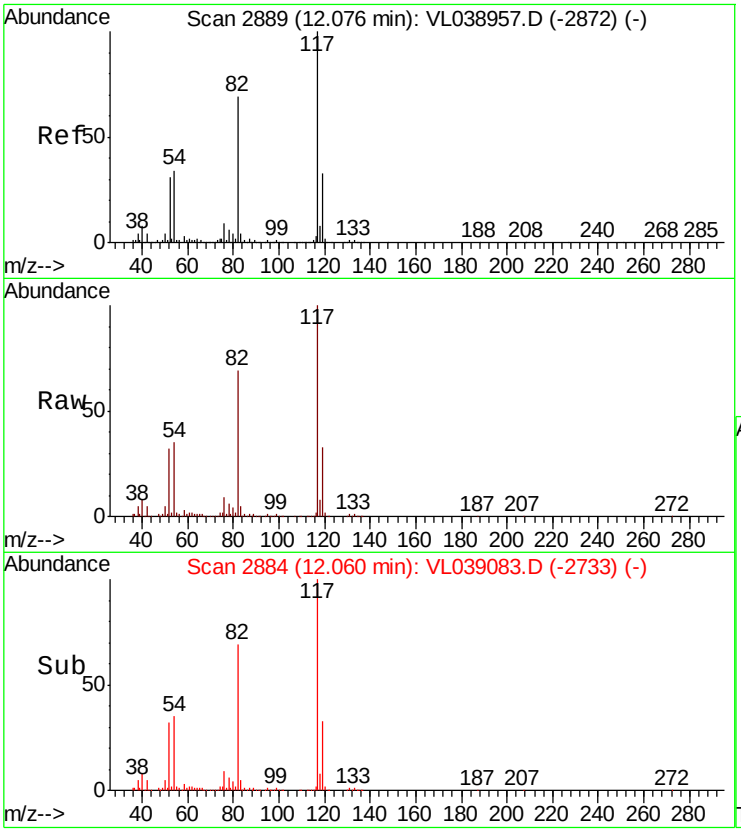


#54
1,2-Dibromoethane
Concen: 9.902 ppbv
RT: 10.58 min Scan# 2425
Delta R.T. -0.02 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion:107 Resp: 1136612

Ion	Ratio	Lower	Upper
107	100		
109	88.7	73.8	110.8



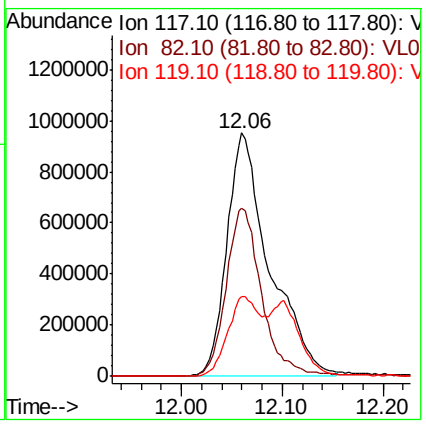


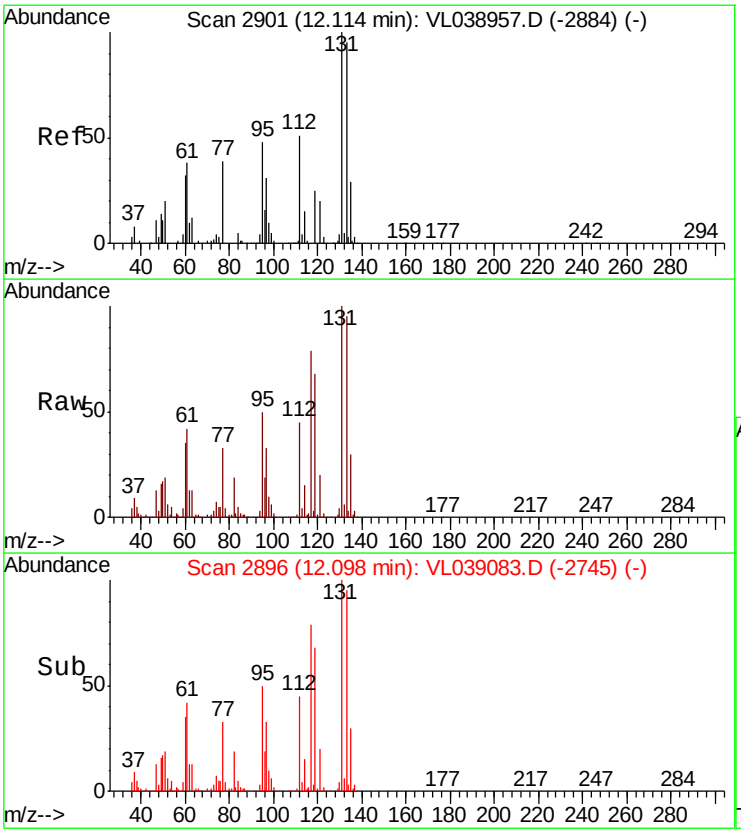
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06
Delta R.T
Lab File:
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 2802471

Ion	Ratio	Lower	Upper
117	100		
82	58.6	57.0	85.6
119	26.7	27.2	40.8#

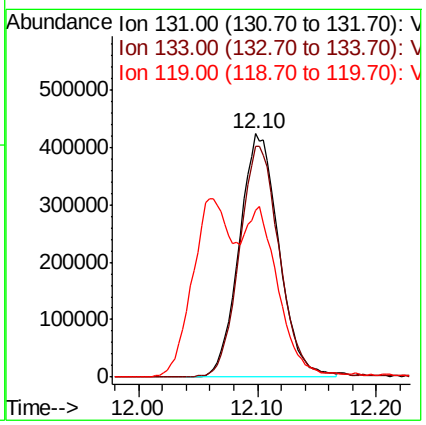


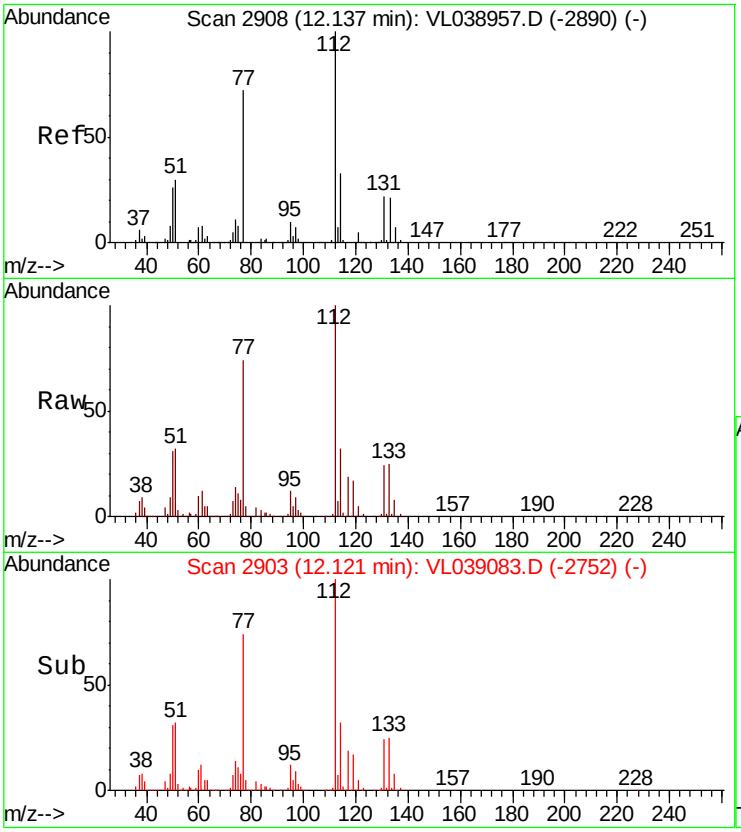


#56
1,1,1,2-Tetrachloroethane
Concen: 7.927 ppbv
RT: 12.10 min Scan# 2896
Delta R.T. -0.02 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion:131 Resp: 974745

Ion	Ratio	Lower	Upper
131	100		
133	97.0	76.9	115.3
119	63.2	47.4	71.0



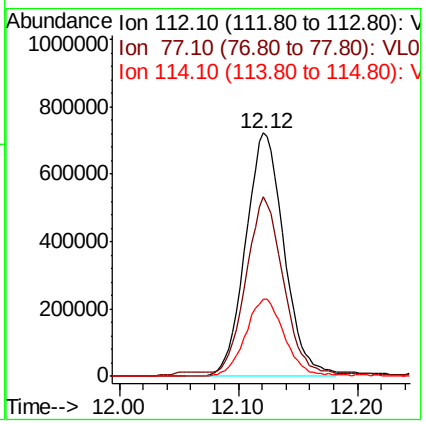


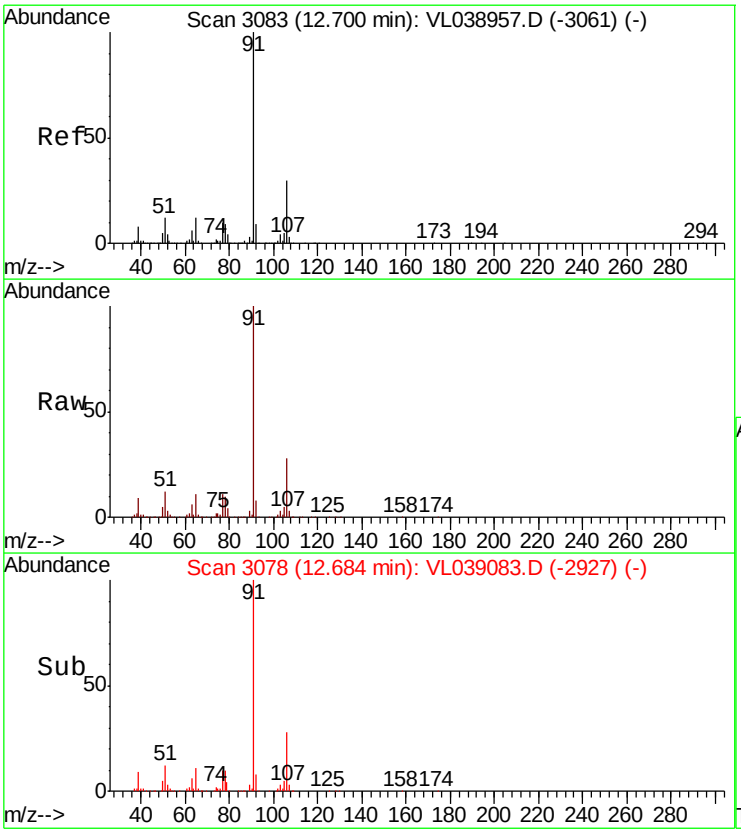
#57
Chlorobenzene
Concen: 7.704 ppbv
RT: 12.12
Delta R.T
Lab File:
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 1618313

Ion	Ratio	Lower	Upper
112	100		
77	72.2	57.7	86.5
114	31.6	30.1	36.7

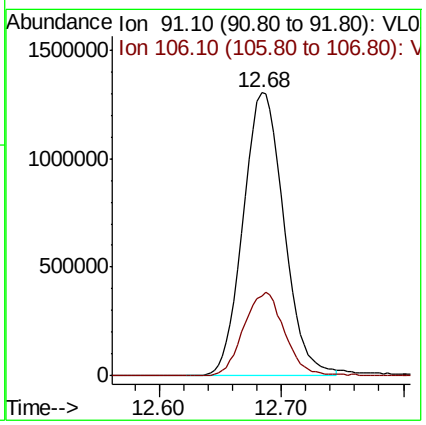


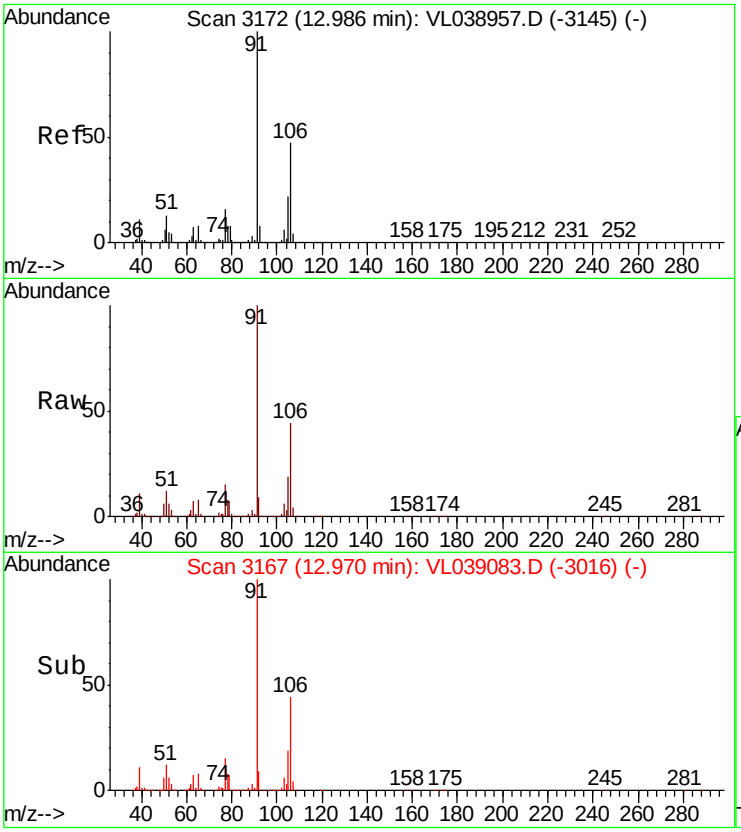


#58
Ethyl Benzene
Concen: 7.477 ppbv
RT: 12.68 min Scan# 3078
Delta R.T. -0.02 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion: 91 Resp: 3015596

Ion	Ratio	Lower	Upper
91	100		
106	28.3	24.2	36.4



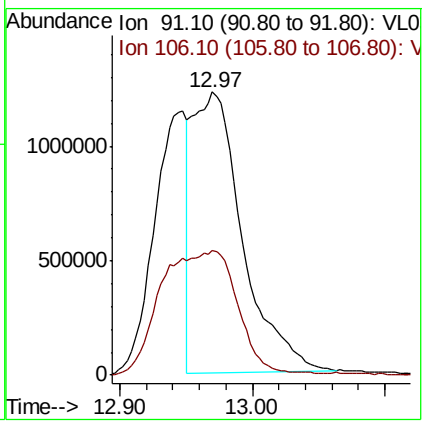


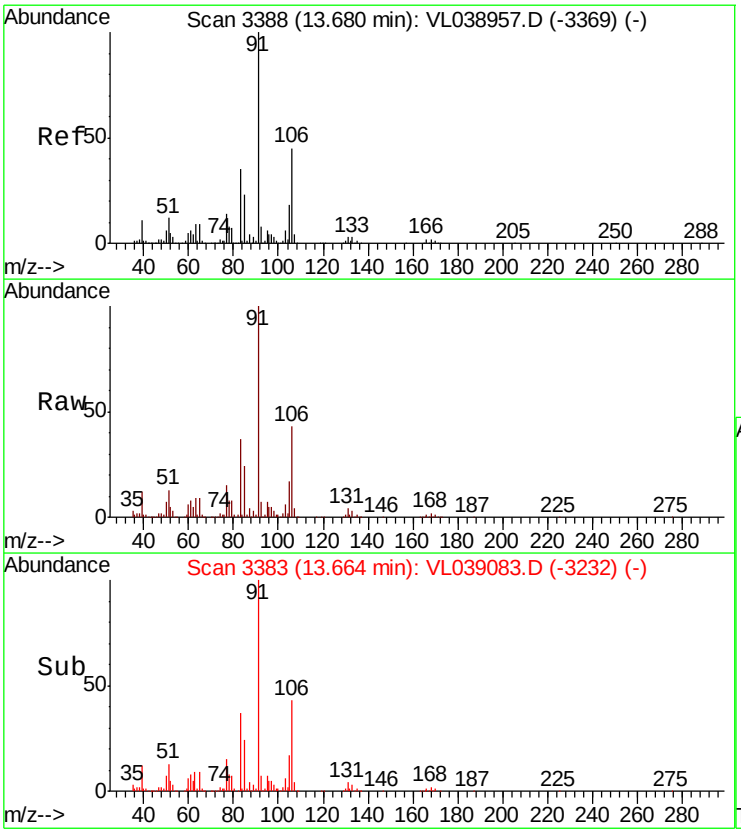
#59
m/p-Xylene
Concen: 9.245 ppbv
RT: 12.97
Delta R.T
Lab File:
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 3183131

Ion	Ratio	Lower	Upper
91	100		
106	70.1	34.6	52.0#

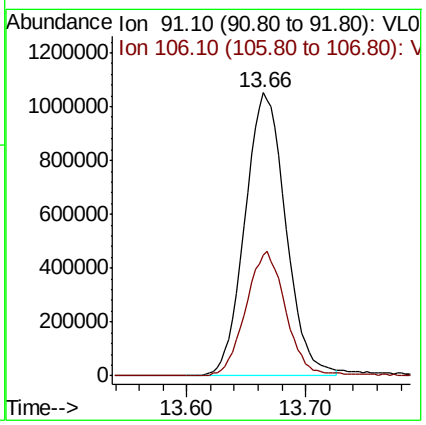


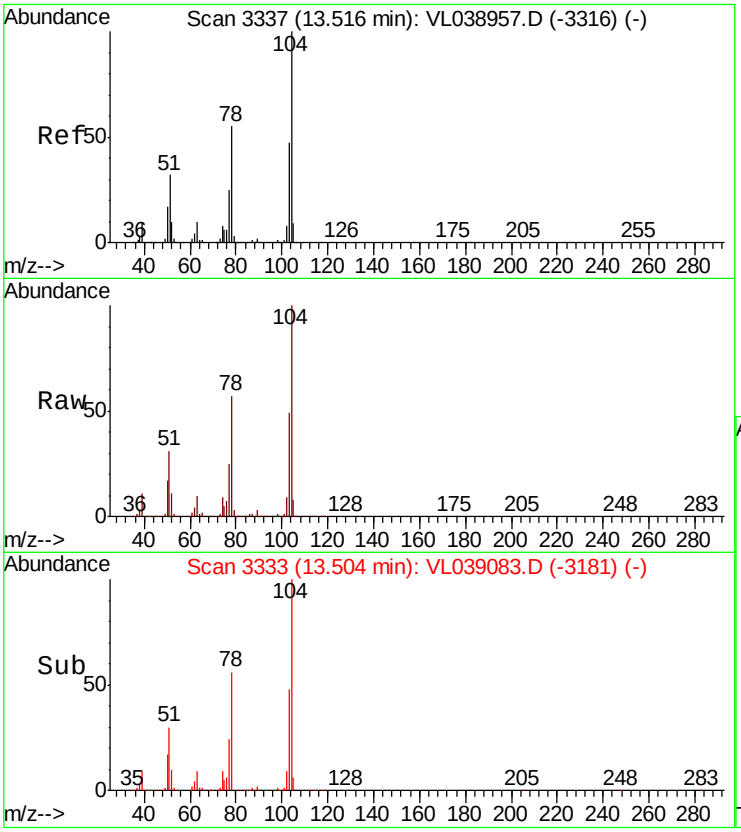


#60
o-Xylene
Concen: 7.696 ppbv
RT: 13.66 min Scan# 3383
Delta R.T. -0.02 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion: 91 Resp: 2493846

Ion	Ratio	Lower	Upper
91	100		
106	43.7	22.2	66.6



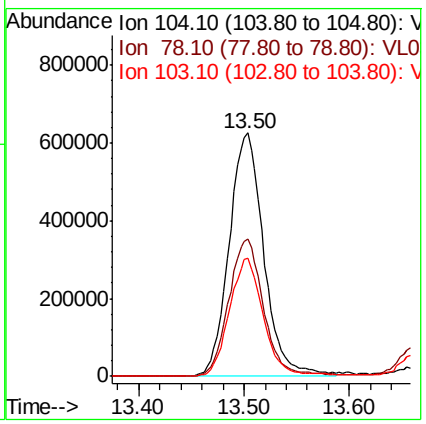


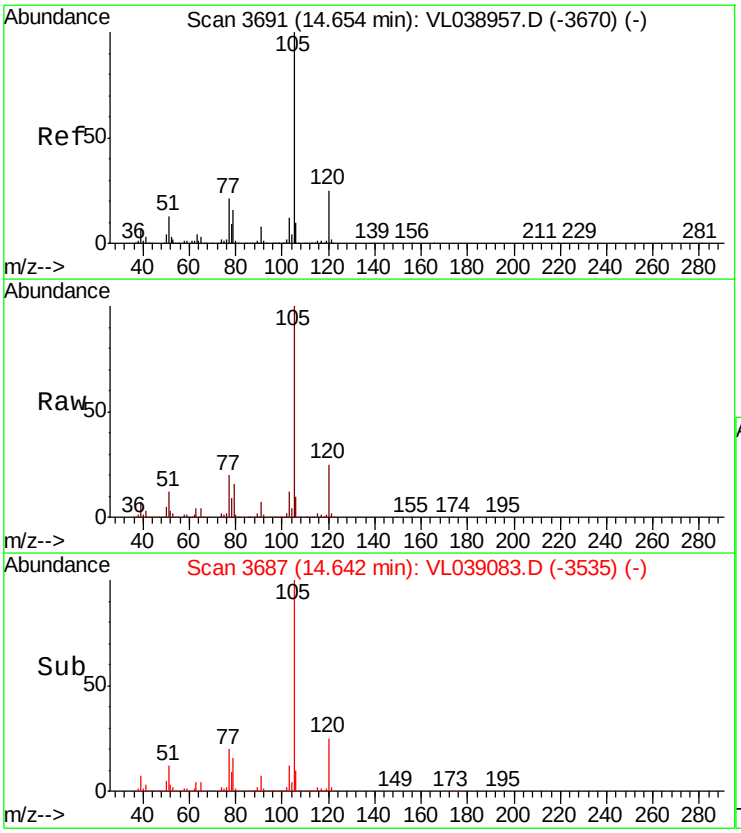
#61
Stvrene
Concen: 8.231 ppbv
RT: 13.50
Delta R.T
Lab File:
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 1423947

Ion	Ratio	Lower	Upper
104	100		
78	57.2	46.4	69.6
103	48.3	39.3	58.9

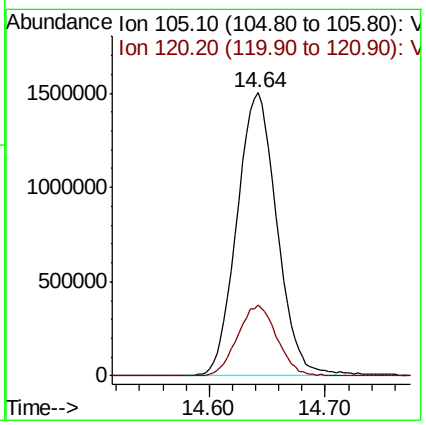


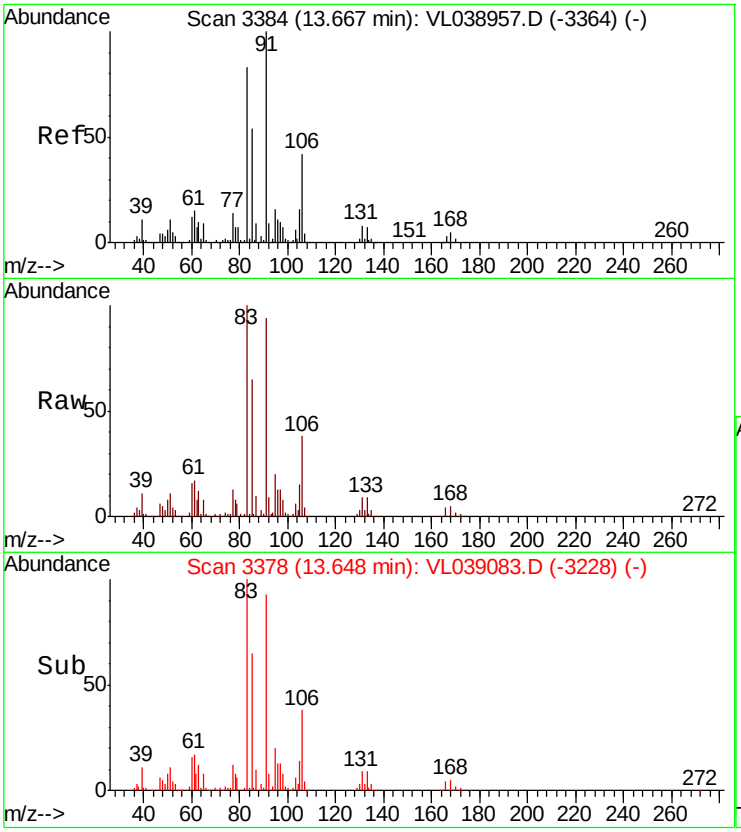


#62
Isopropylbenzene
Concen: 7.589 ppbv
RT: 14.64 min Scan# 3687
Delta R.T. -0.01 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion:105 Resp: 3596548

Ion	Ratio	Lower	Upper
105	100		
120	25.0	20.5	30.7



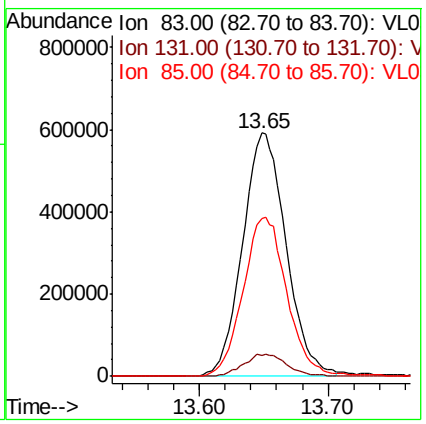


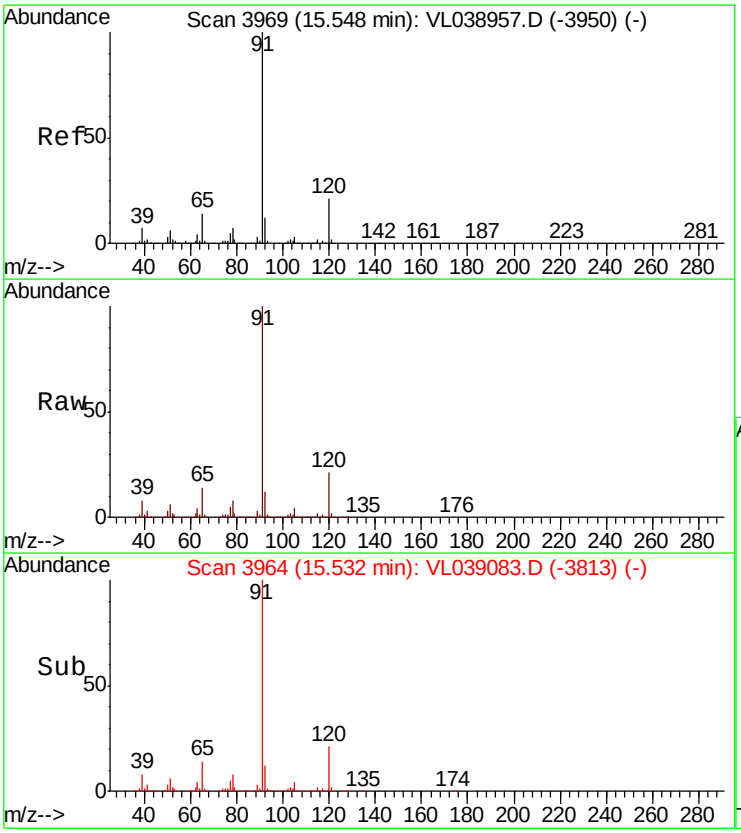
#63
1,1,2,2-Tetrachloroethane
Concen: 7.277 ppbv
RT: 13.65
Delta R.T
Lab File:
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1388582

Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.5	13.7
85	66.7	32.8	98.3

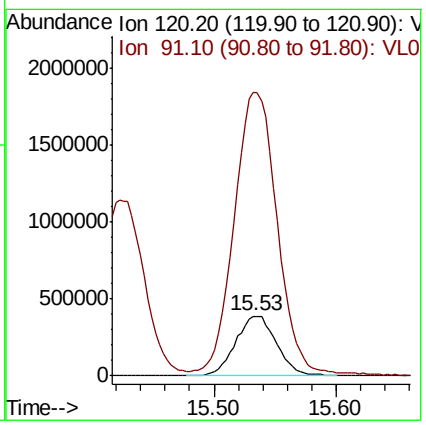


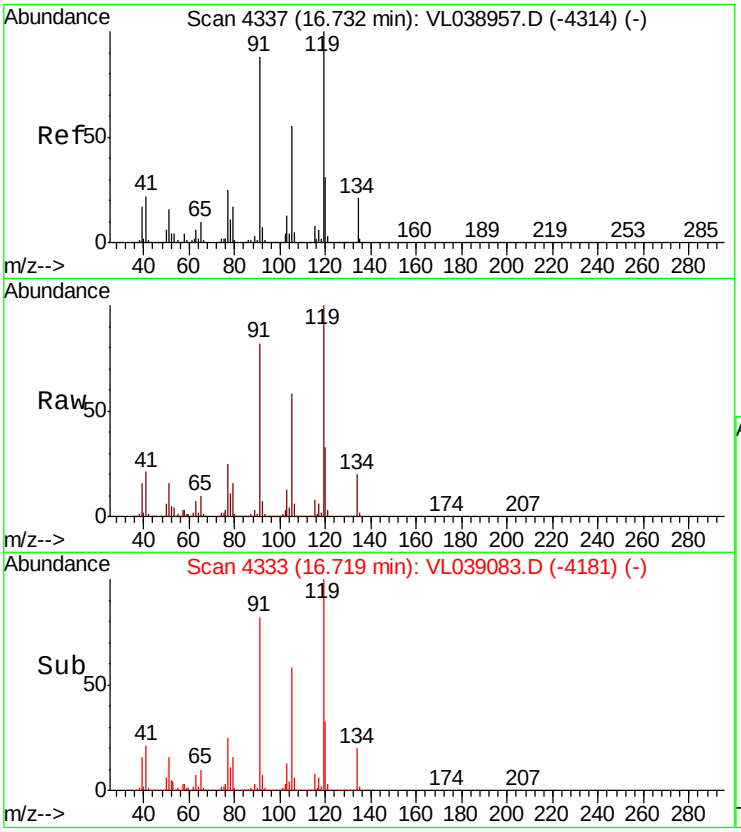


#64
n-propylbenzene
Concen: 7.869 ppbv
RT: 15.53 min Scan# 3964
Delta R.T. -0.02 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion:120 Resp: 901580

Ion	Ratio	Lower	Upper
120	100		
91	503.9	400.6	601.0



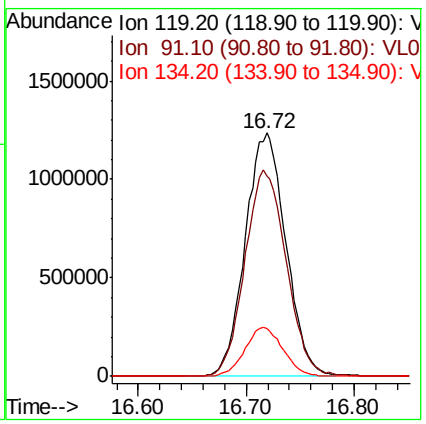


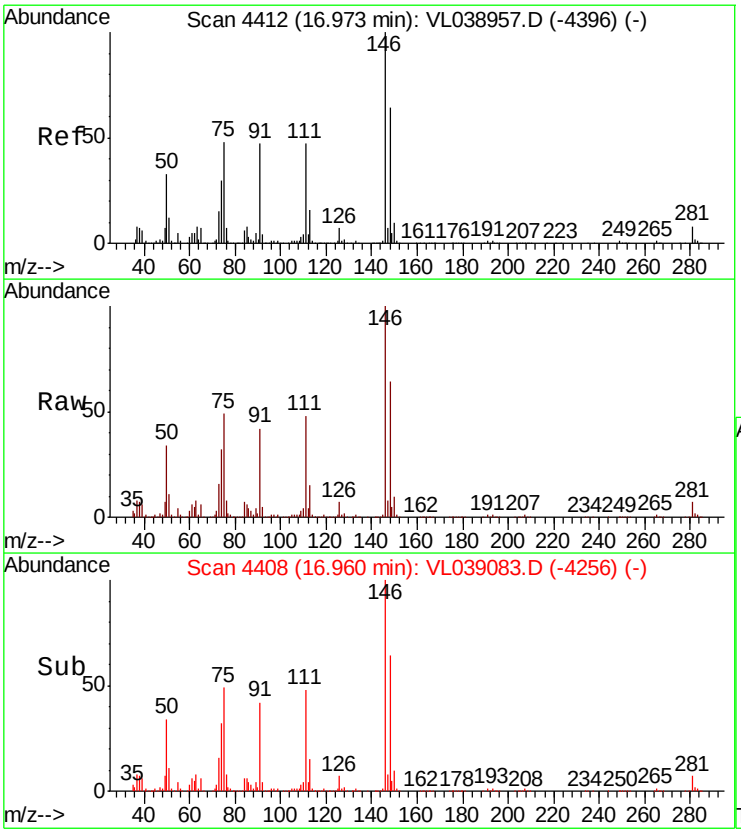
#65
tert-Butylbenzene
Concen: 7.760 ppbv
RT: 16.72
Delta R.T
Lab File:
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 3221917

Ion	Ratio	Lower	Upper
119	100		
91	86.8	69.4	104.2
134	19.0	15.8	23.8

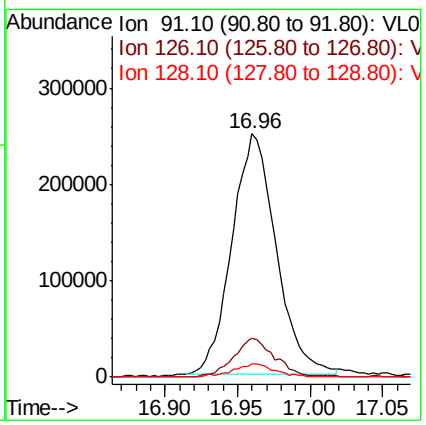


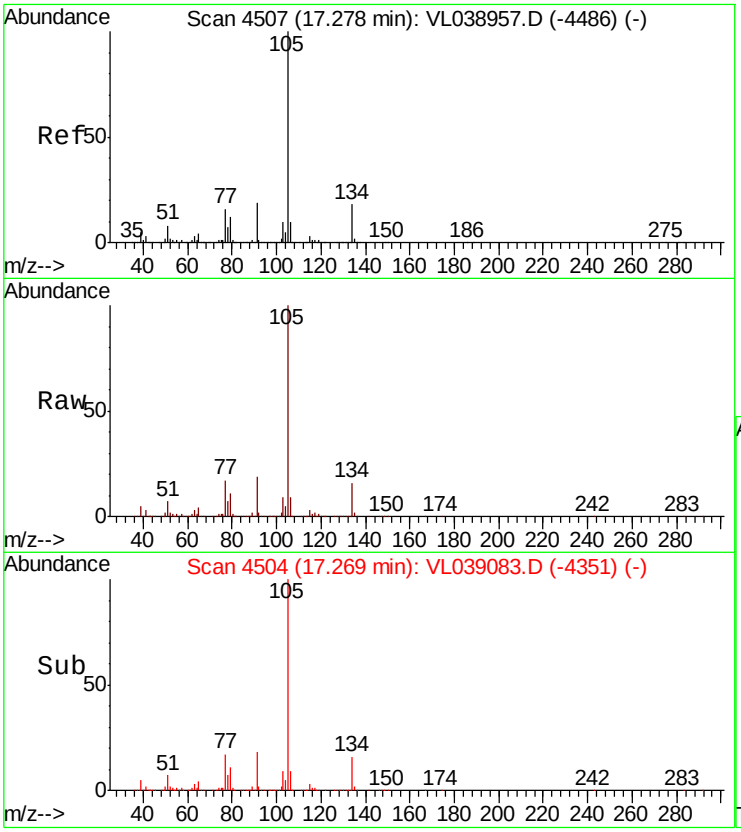


#66
Benzyl Chloride
Concen: 9.822 ppbv
RT: 16.96 min Scan# 4408
Delta R.T. -0.01 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion: 91 Resp: 533089

Ion	Ratio	Lower	Upper
91	100		
126	15.6	11.8	17.6
128	5.3	4.2	6.2



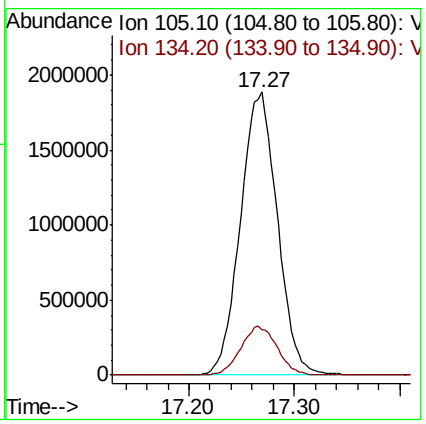


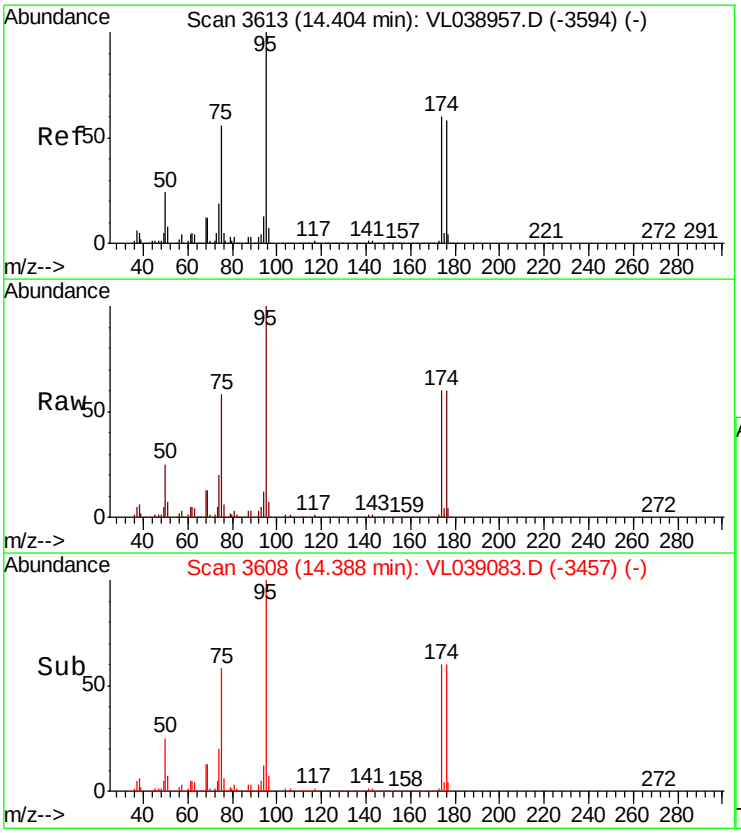
#67
sec-Butylbenzene
Concen: 7.740 ppbv
RT: 17.27
Delta R.T
Lab File:
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 4591314

Ion	Ratio	Lower	Upper
105	100		
134	17.2	14.2	21.4

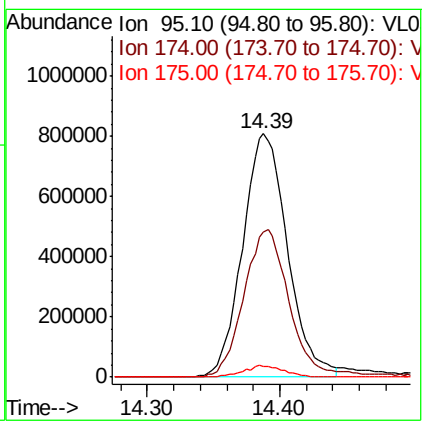


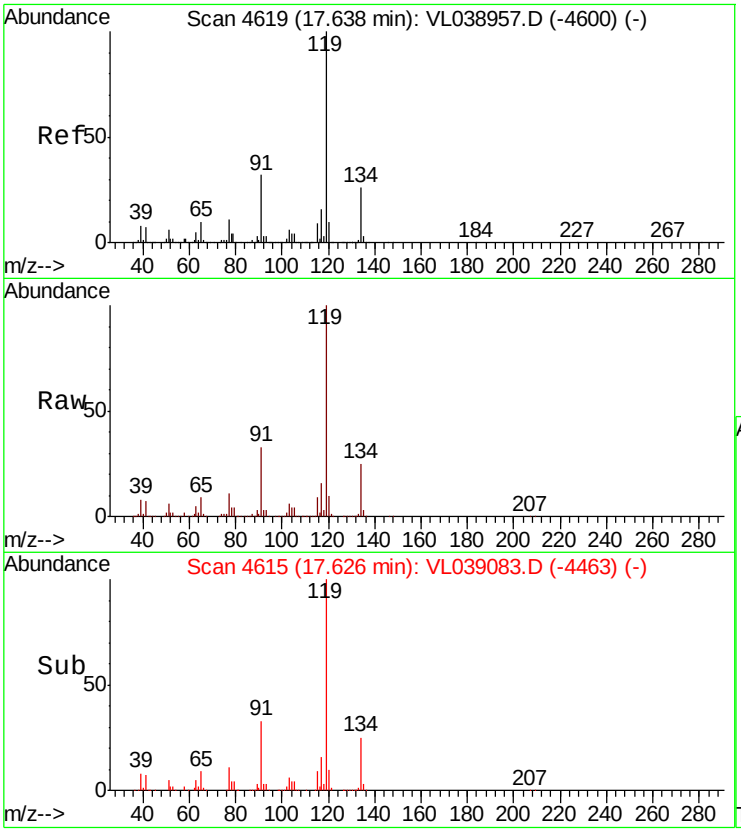


#68
1-Bromo-4-Fluorobenzene
Concen: 8.582 ppbv
RT: 14.39 min Scan# 3608
Delta R.T. -0.02 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion: 95 Resp: 1904683

Ion	Ratio	Lower	Upper
95	100		
174	63.3	50.8	76.2
175	4.6	3.8	5.6



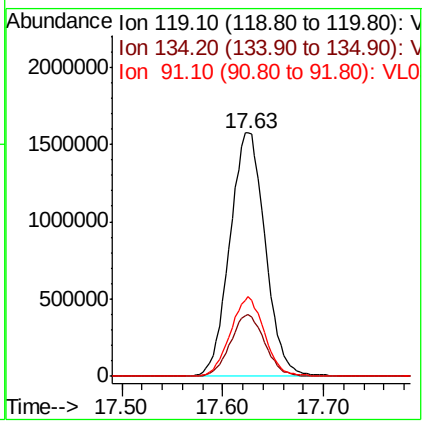


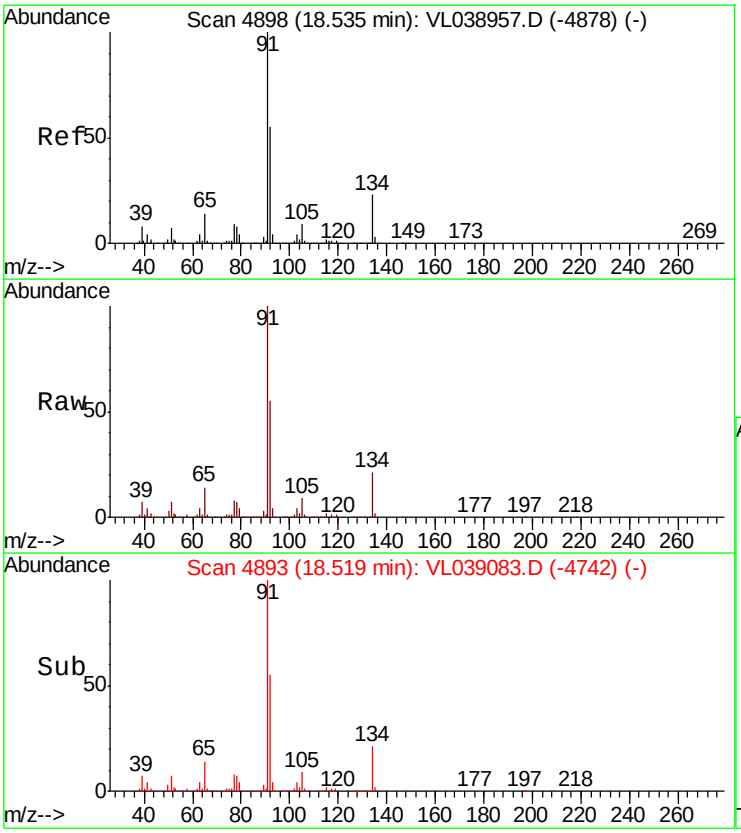
#69
p-Isopropyltoluene
Concen: 7.997 ppbv
RT: 17.63
Delta R.T
Lab File:
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 3832585

Ion	Ratio	Lower	Upper
119	100		
134	24.7	20.0	30.0
91	31.4	24.8	37.2

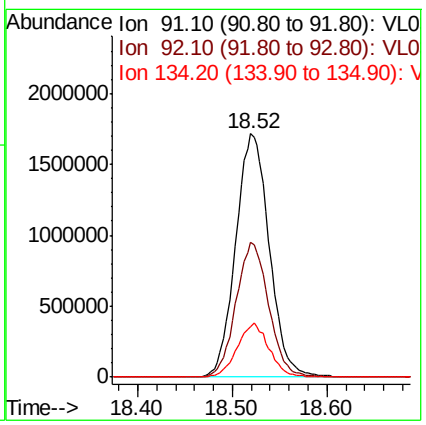


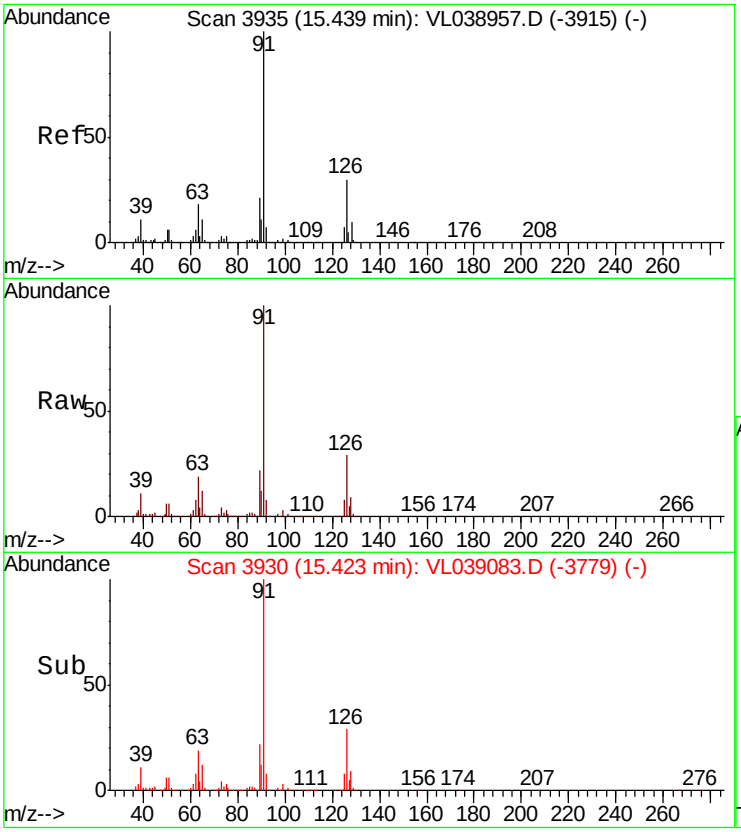


#70
n-Butylbenzene
Concen: 8.297 ppbv
RT: 18.52 min Scan# 4893
Delta R.T. -0.02 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion: 91 Resp: 4224644

Ion	Ratio	Lower	Upper
91	100		
92	54.0	43.1	64.7
134	21.1	17.0	25.4



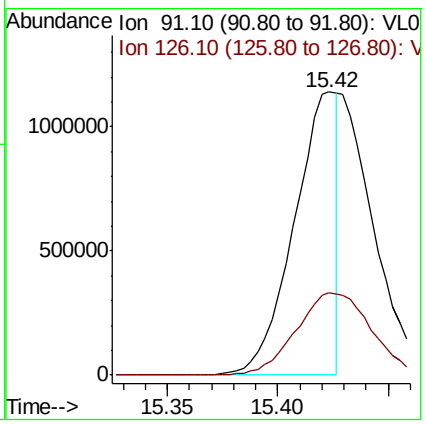


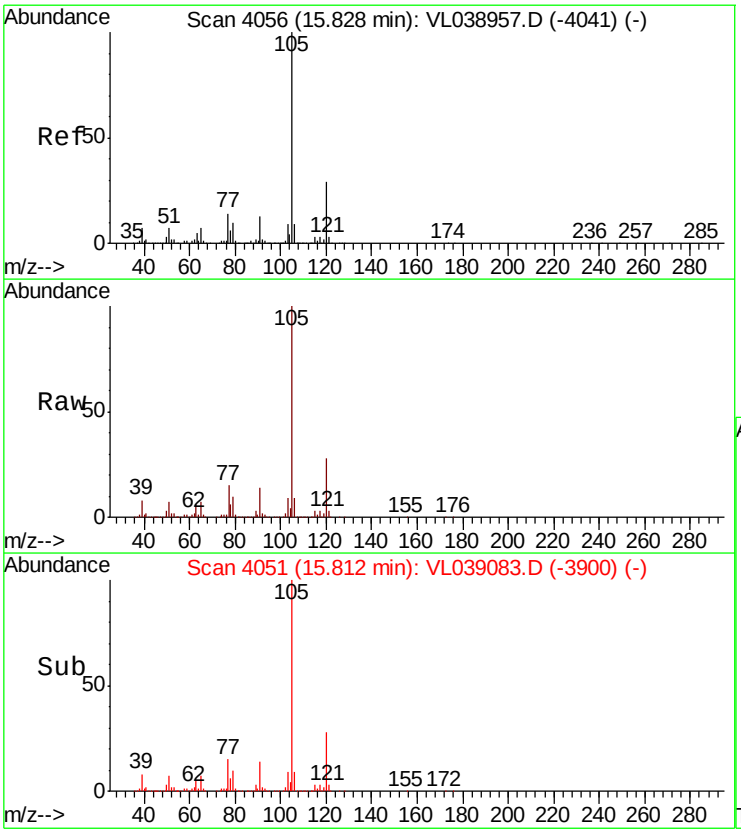
#71
2-Chlorotoluene
Concen: 4.230 ppbv
RT: 15.42
Delta R.T
Lab File:
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 1545415

Ion	Ratio	Lower	Upper
91	100		
126	52.5	11.9	47.5#

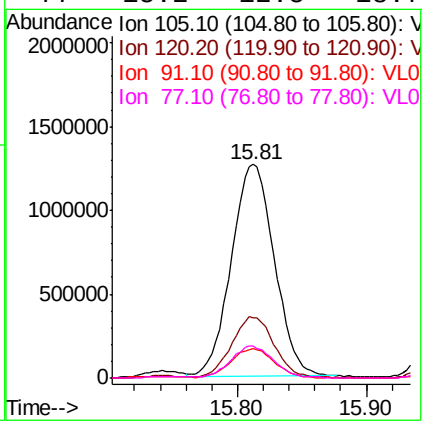


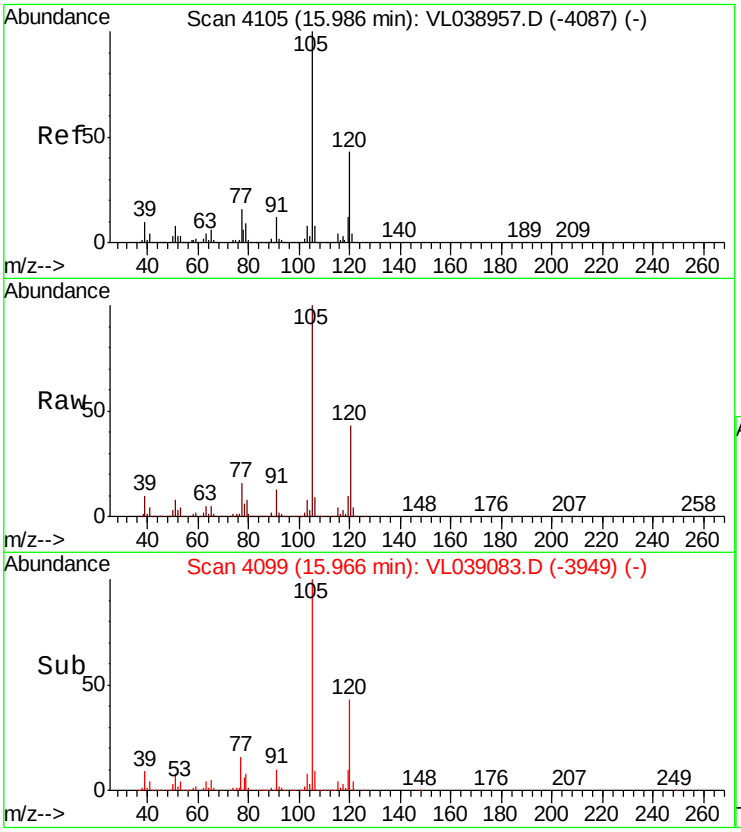


#72
4-Ethyltoluene
Concen: 7.914 ppbv
RT: 15.81 min Scan# 4051
Delta R.T. -0.02 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion:105 Resp: 2922287

Ion	Ratio	Lower	Upper
105	100		
120	29.0	23.4	35.0
91	13.7	10.6	16.0
77	15.2	12.5	18.7



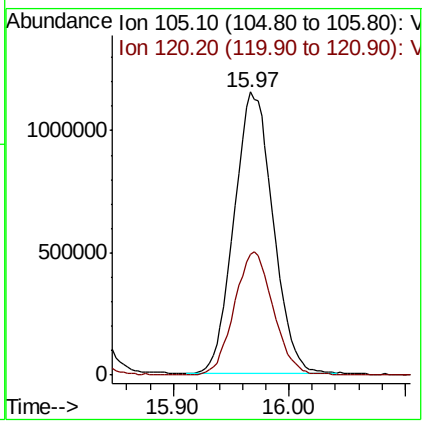


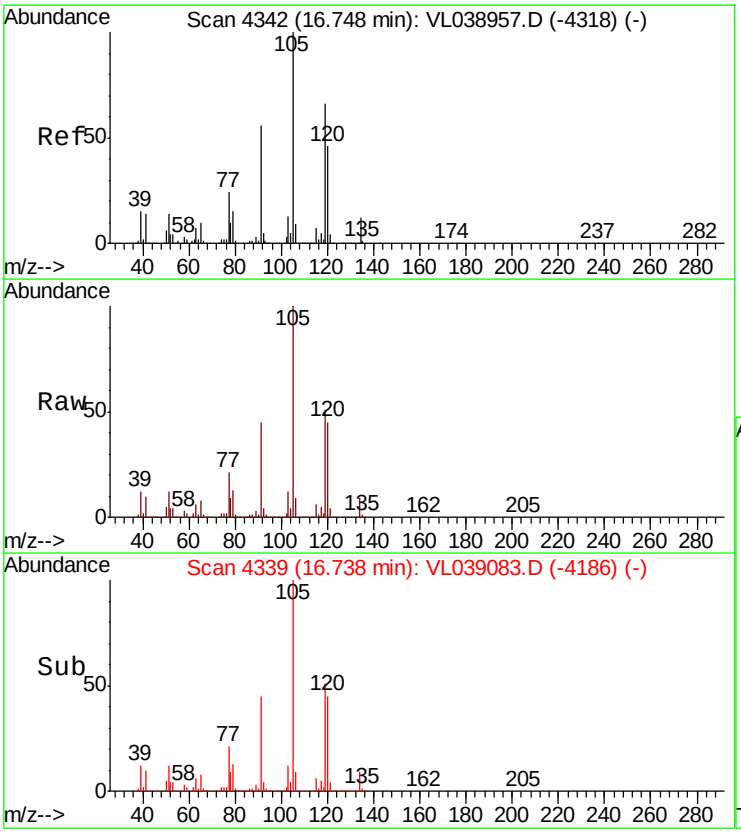
#73
1,3,5-Trimethylbenzene
Concen: 8.129 ppbv
RT: 15.97
Delta R.T
Lab File:
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 2702346

Ion	Ratio	Lower	Upper
105	100		
120	42.8	34.4	51.6

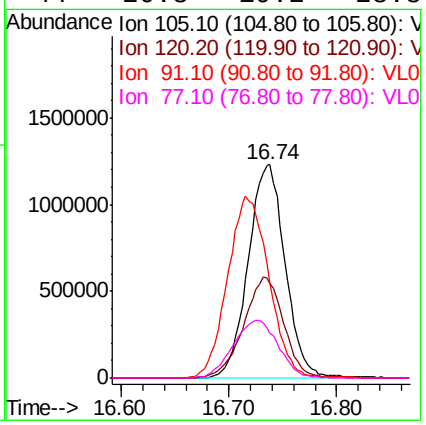


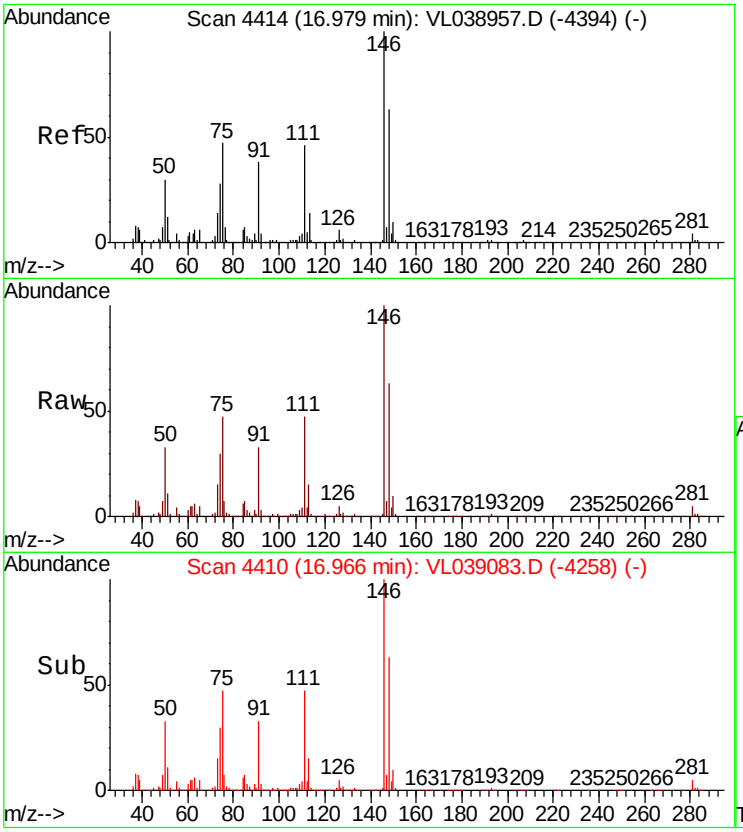


#74
1,2,4-Trimethylbenzene
Concen: 8.026 ppbv
RT: 16.74 min Scan# 4339
Delta R.T. -0.01 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion:105 Resp: 2921628

Ion	Ratio	Lower	Upper
105	100		
120	44.6	36.9	55.3
91	44.5	45.0	67.4#
77	20.8	19.2	28.8



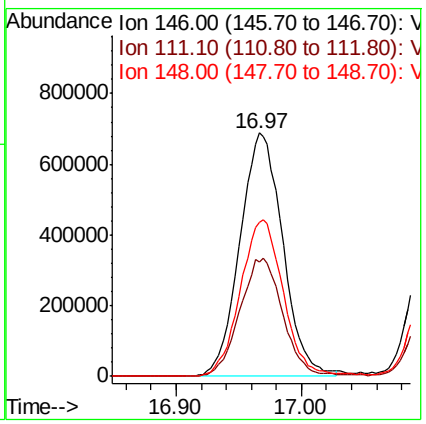


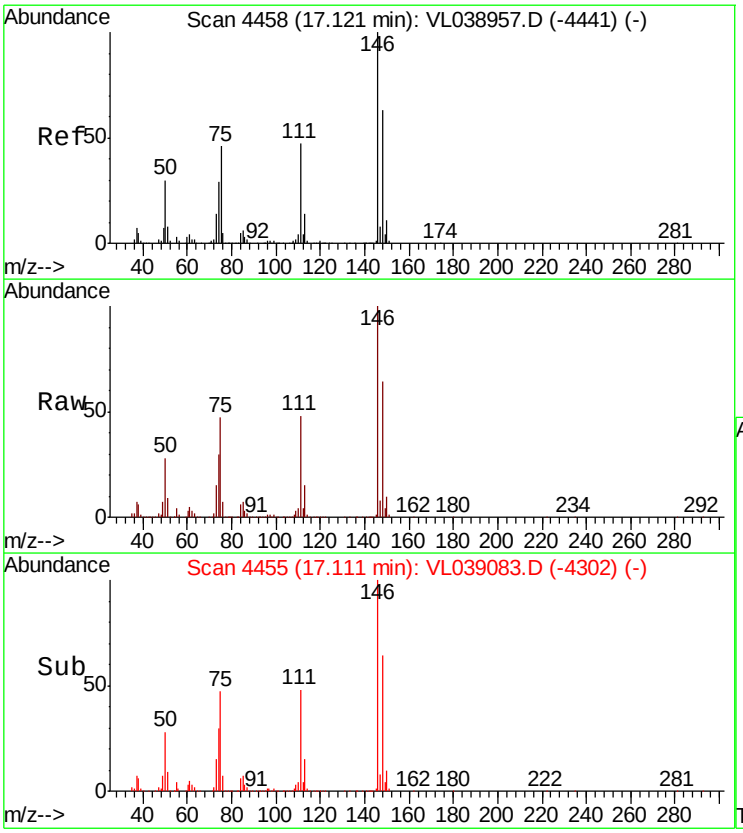
#75
1,3-Dichlorobenzene
Concen: 8.201 ppbv
RT: 16.97
Delta R.T
Lab File:
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1635604

Ion	Ratio	Lower	Upper
146	100		
111	48.4	24.1	72.2
148	64.6	32.4	97.2

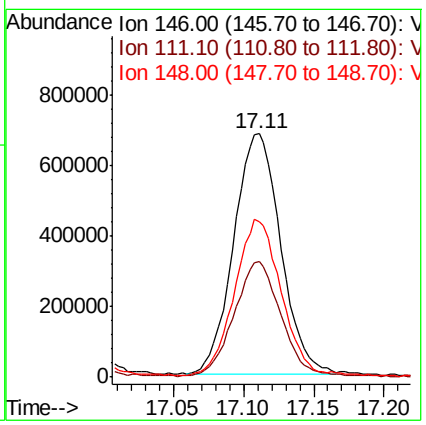


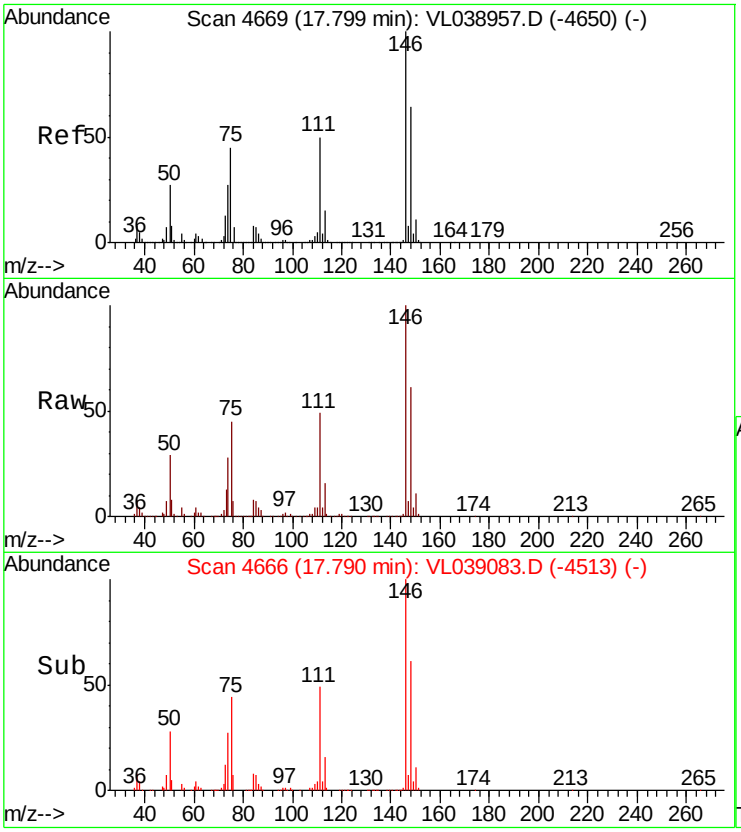


#76
1,4-Dichlorobenzene
Concen: 8.147 ppbv
RT: 17.11 min Scan# 4455
Delta R.T. -0.01 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion:146 Resp: 1598478

Ion	Ratio	Lower	Upper
146	100		
111	49.0	23.6	71.0
148	66.4	32.2	96.6



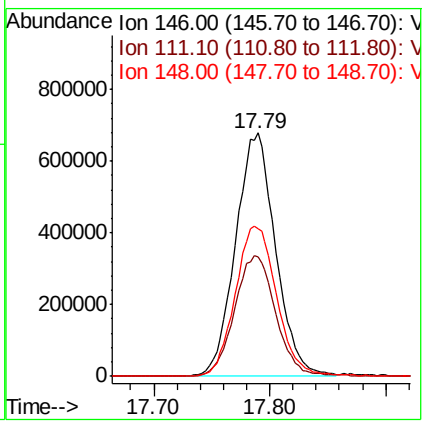


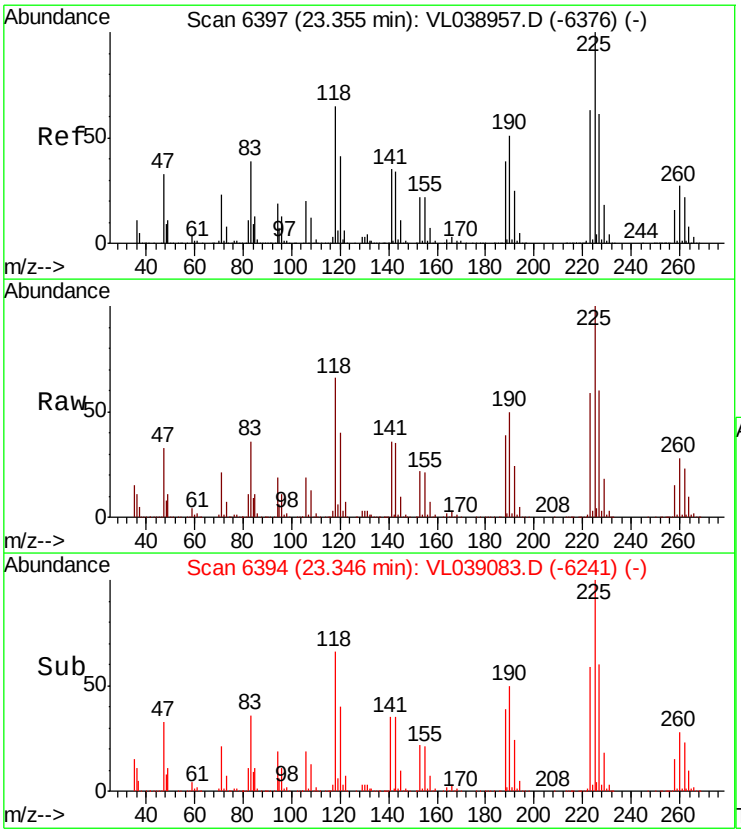
#77
1,2-Dichlorobenzene
Concen: 8.202 ppbv
RT: 17.79
Delta R.T
Lab File:
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1617860

Ion	Ratio	Lower	Upper
146	100		
111	51.1	25.3	75.9
148	64.0	32.3	96.9

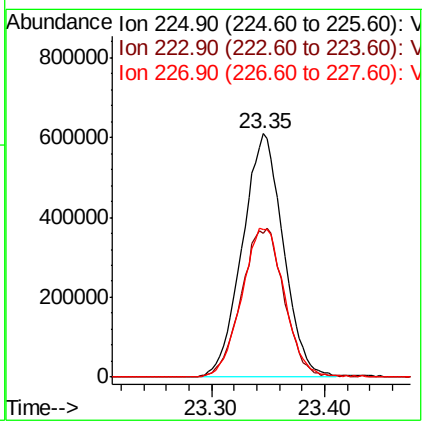


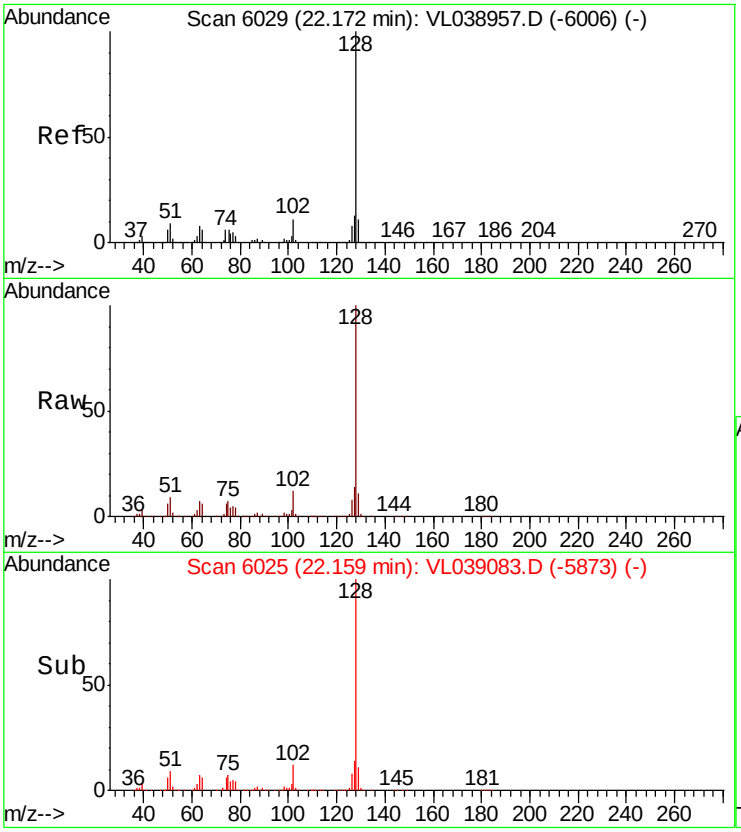


#78
Hexachloro-1,3-Butadiene
Concen: 8.460 ppbv
RT: 23.35 min Scan# 6394
Delta R.T. -0.01 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion:225 Resp: 1533673

Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.4	77.0
227	64.4	51.4	77.0



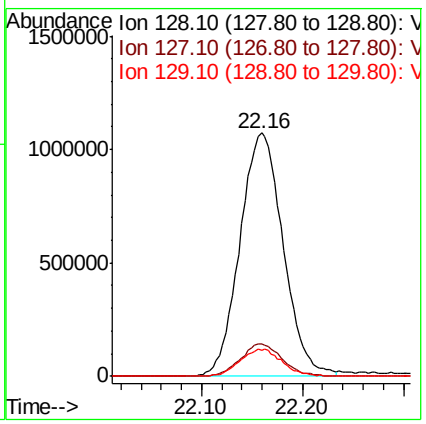


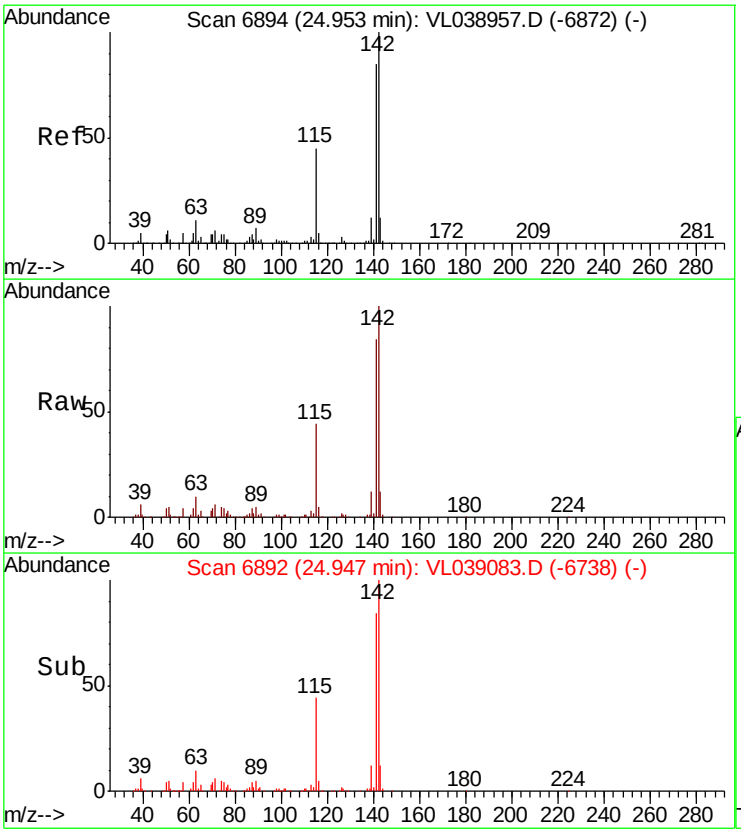
#79
Naphthalene
Concen: 10.774 ppbv
RT: 22.16
Delta R.T
Lab File:
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:128 Resp: 3185553

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.2	15.2
129	10.8	8.9	13.3

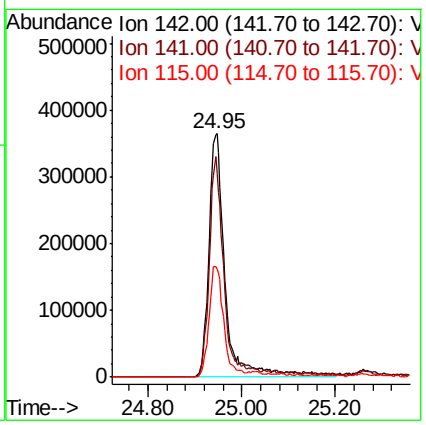


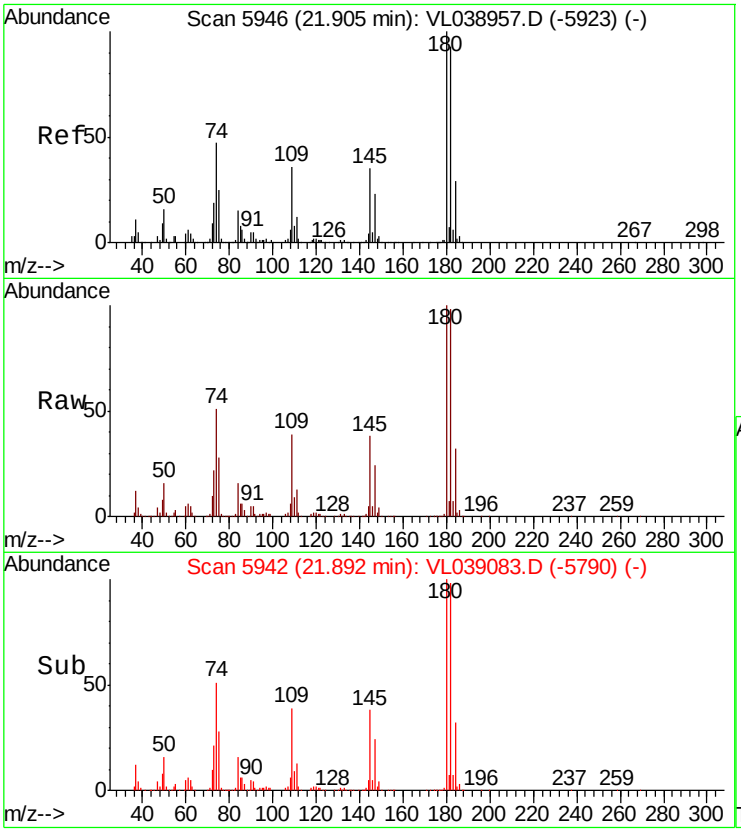


#80
Naphthalene,2-methyl-
Concen: 9.948 ppbv
RT: 24.95 min Scan# 6892
Delta R.T. -0.01 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion:142 Resp: 889798

Ion	Ratio	Lower	Upper
142	100		
141	82.6	70.8	106.2
115	40.9	35.1	52.7





#81
1,2,4-Trichlorobenzene
Concen: 9.730 ppbv
RT: 21.89
Delta R.T
Lab File:
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:180 Resp: 1685745

Ion	Ratio	Lower	Upper
180	100		
182	98.3	78.4	117.6
184	31.4	24.4	36.6