Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120721\
Data File : VL038143.D
Acq On : 7 Dec 2021 10:07
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: Dec 07 14:14:16 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Nov 18 13:16:09 2021
QLast Update : Thu Nov 18 13:16:09 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	901498	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	2640434	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.07	117	2456286	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.40	95	1936660	10.93	ppbv		-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 109.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	1185353	7.960	ppbv		99
3) Chlorodifluoromethane	2.99	51	2066057	10.913	ppbv		98
4) Chloromethane	3.14	50	705952	10.954	ppbv		98
5) Vinyl Chloride	3.26	62	711623	11.256	ppbv		99
6) Bromomethane	3.47	94	379666	11.210	ppbv		99
7) Chloroethane	3.56	64	239172	10.659	ppbv		96
8) Dichlorotetrafluoroethane	3.19	85	1606397	10.844	ppbv		95
9) Propene	3.01	41	697292	10.001	ppbv		97
10) Heptane	8.11	43	1763541	10.234	ppbv		100
11) Trichlorofluoromethane	3.95	101	1686066	11.905	ppbv		100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1229911	12.277	ppbv		97
13) Ethanol	3.61	45	34003	5.047	ppbv	#	47
14) Bromoethene	3.74	108	509249	11.352	ppbv		96
15) Acetone	3.85	43	853394	10.918	ppbv		97
16) 1,3-Butadiene	3.33	39	681803	11.181	ppbv		98
17) tert-Butyl alcohol	4.29	59	1030169	10.865	ppbv		99
18) 1,1-Dichloroethene	4.29	96	545479	11.870	ppbv		100
19) Isopropyl Alcohol	3.96	45	566688	10.034	ppbv	#	96
20) Methylene Chloride	4.34	84	474132	10.830	ppbv		98
21) Allyl Chloride	4.41	41	805813	11.138	ppbv		97
22) trans-1,2-Dichloroethene	4.88	96	581004	12.482	ppbv		96
23) Vinyl Acetate	5.07	43	1305825	11.541	ppbv		98
24) 1,1-Dichloroethane	5.01	63	1131235	12.006	ppbv		98
25) Ethyl Acetate	5.67	43	2644692	10.181	ppbv		99
26) Hexane	5.68	57	1239114	9.896	ppbv		100
27) Carbon Disulfide	4.55	76	1335050	11.903	ppbv		99
28) Methyl tert-Butyl Ether	5.03	73	1265740	11.901	ppbv		98
29) Chloroform	5.74	83	1971862	10.686	ppbv		96
30) Cyclohexane	7.12	84	1138872	10.019	ppbv		98
31) cis-1,2-Dichloroethene	5.54	61	1103899	9.268	ppbv		98
32) 1,1,1-Trichloroethane	6.50	97	2033141	10.856	ppbv		98
34) 2-Butanone	5.24	43	903967	8.490	ppbv		98
35) Carbon Tetrachloride	7.01	117	2090011	11.266	ppbv		98
36) Benzene	6.88	78	2777981	10.547	ppbv		99
37) 1,2-Dichloroethane	6.30	62	1560016	12.264	ppbv		97
38) Trichloroethene	7.82	130	997727	10.042	ppbv		96
39) 1,2-Dichloropropane	7.60	63	1086112	10.750	ppbv		96
40) 1,4-Dioxane	7.83	88	267969	10.180	ppbv	#	1
41) Tetrahydrofuran	6.04	42	666531	10.085	ppbv		99
42) Bromodichloromethane	7.78	83	2247723	11.623	ppbv		99
43) Methyl Methacrylate	8.00	69	1024325	11.367	ppbv		98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120721\
Data File : VL038143.D
Acq On : 7 Dec 2021 10:07
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: Dec 07 14:14:16 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Nov 18 13:16:09 2021
QLast Update : Thu Nov 18 13:16:09 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	4495914	10.202	ppbv		99
45) t-1,3-Dichloropropene	9.27	75	935830	12.947	ppbv		98
46) cis-1,3-Dichloropropene	8.69	75	1164544	11.912	ppbv		95
47) 1,1,2-Trichloroethane	9.46	97	1092723	10.327	ppbv		95
48) Dibromochloromethane	10.29	129	1804533	11.198	ppbv		99
49) Bromoform	13.02	173	1276583	11.073	ppbv		99
50) 4-Methyl-2-Pentanone	8.73	43	1819271	11.252	ppbv		99
51) 2-Hexanone	10.12	43	836451	10.996	ppbv	#	98
52) Tetrachloroethene	11.21	164	892480	9.158	ppbv		94
53) Toluene	9.79	91	3080855	10.166	ppbv		99
54) 1,2-Dibromoethane	10.59	107	1614534	10.802	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.11	131	1154091	10.350	ppbv		97
57) Chlorobenzene	12.13	112	2148005	9.757	ppbv		96
58) Ethyl Benzene	12.69	91	4022273	9.908	ppbv		98
59) m/p-Xylene	12.98	91	2197287	6.429	ppbv	#	1
60) o-Xylene	13.67	91	3057214	9.643	ppbv		97
61) Styrene	13.51	104	1671569	9.834	ppbv		96
62) Isopropylbenzene	14.65	105	4177959	9.284	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.66	83	2190472	9.302	ppbv		99
64) n-propylbenzene	15.54	120	1090748	9.514	ppbv		92
65) tert-Butylbenzene	16.73	119	3543314	8.937	ppbv		96
66) Benzyl Chloride	16.97	91	175751	8.747	ppbv		94
67) sec-Butylbenzene	17.27	105	4996117	9.044	ppbv		100
69) p-Isopropyltoluene	17.64	119	4032609	9.332	ppbv		98
70) n-Butylbenzene	18.53	91	4027018	9.746	ppbv		99
71) 2-Chlorotoluene	15.44	91	3142017	9.550	ppbv		98
72) 4-Ethyltoluene	15.82	105	3652064	9.936	ppbv		97
73) 1,3,5-Trimethylbenzene	15.98	105	3190781	9.504	ppbv		99
74) 1,2,4-Trimethylbenzene	16.74	105	3222336	9.314	ppbv		98
75) 1,3-Dichlorobenzene	16.98	146	1801467	9.481	ppbv		98
76) 1,4-Dichlorobenzene	17.12	146	1717850	8.984	ppbv		100
77) 1,2-Dichlorobenzene	17.80	146	1701000	9.245	ppbv		99
78) Hexachloro-1,3-Butadiene	23.35	225	932378	8.116	ppbv		98
79) Naphthalene	22.17	128	1748575	9.598	ppbv		100
80) Naphthalene,2-methyl-	24.96	142	377013	9.656	ppbv		96
81) 1,2,4-Trichlorobenzene	21.90	180	974051	9.304	ppbv		100

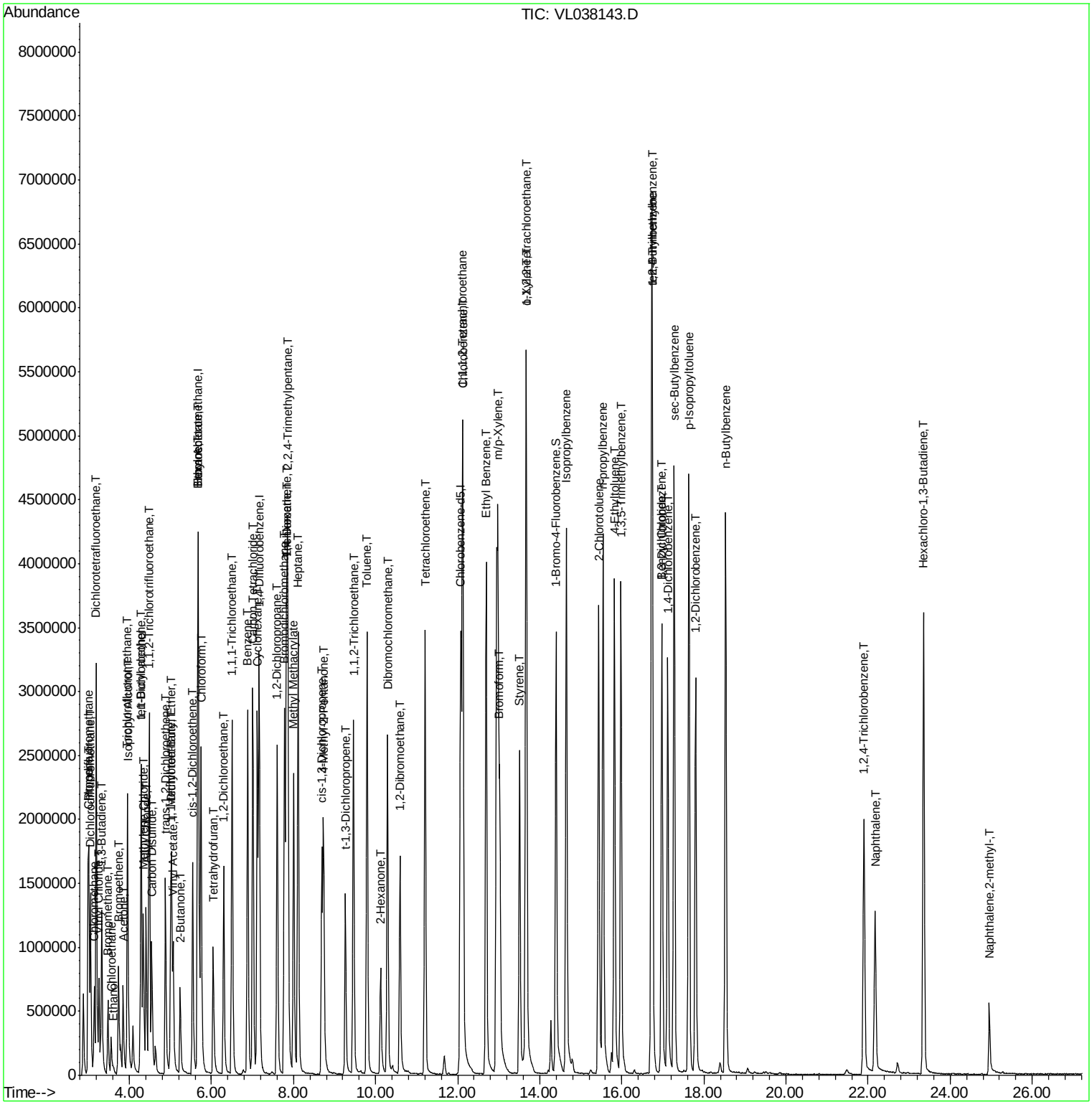
(#) = qualifier out of range (m) = manual integration (+) = signals summed

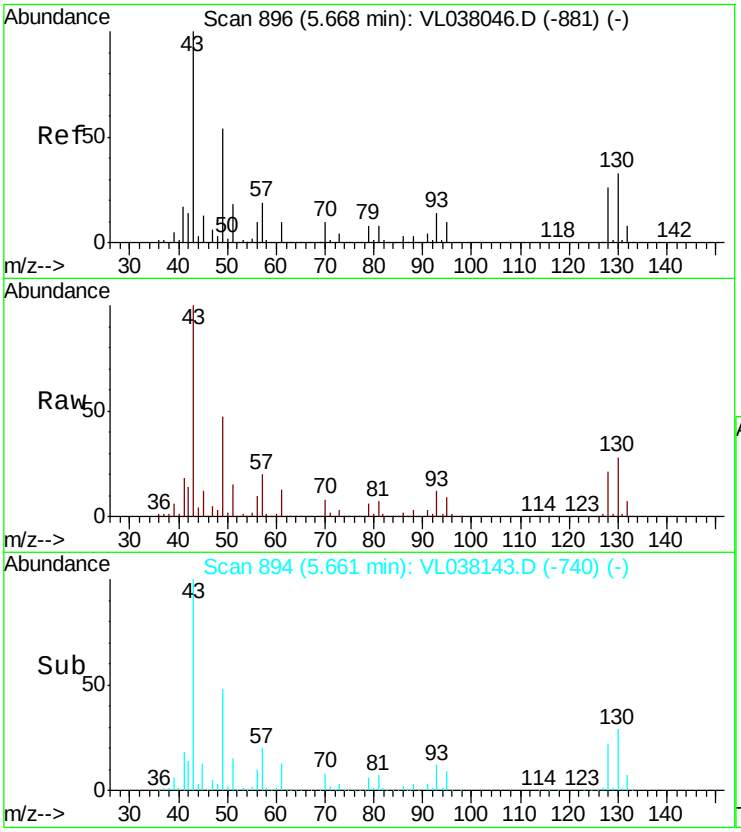
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120721\
Data File : VL038143.D
Acq On : 7 Dec 2021 10:07
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Quant Time: Dec 07 14:14:16 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Nov 18 13:16:09 2021
QLast Update : Thu Nov 18 13:16:09 2021
Response via : Initial Calibration



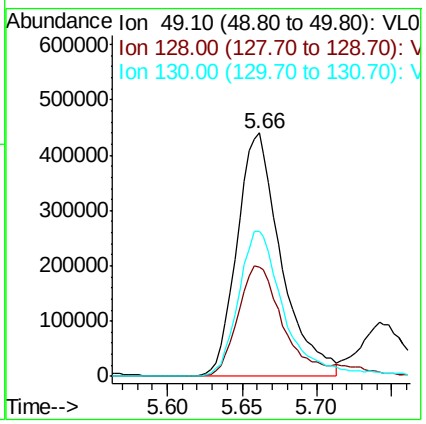


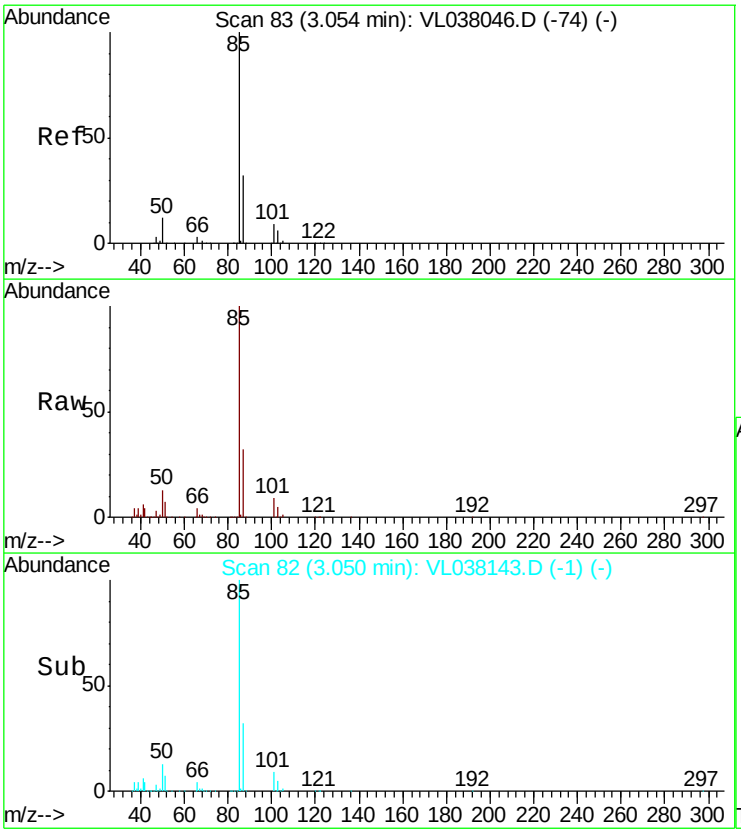
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 7 Dec 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 901498

Ion	Ratio	Lower	Upper
49	100		
128	50.9	26.5	79.5
130	63.5	32.5	97.4

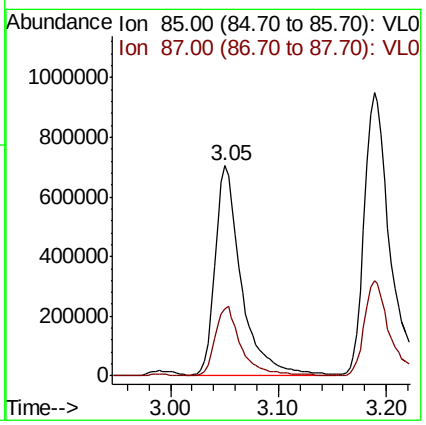


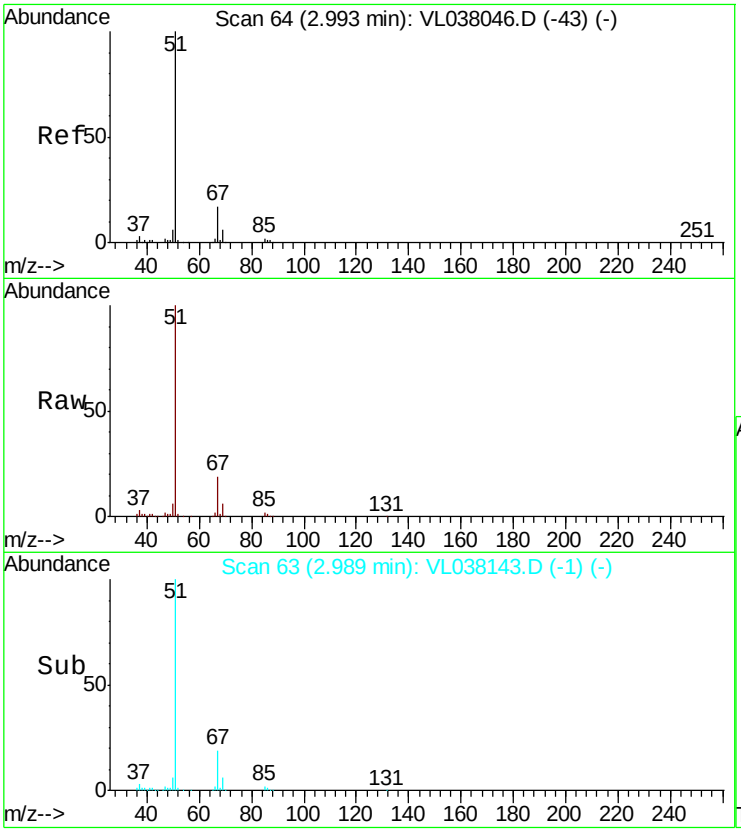


#2
Dichlorodifluoromethane
Concen: 7.960 ppbv
RT: 3.05 min Scan# 82
Delta R.T. -0.00 min
Lab File: VL038143.D
Acq: 7 Dec 2021 10:07

Tgt Ion: 85 Resp: 1185353

Ion	Ratio	Lower	Upper
85	100		
87	31.9	25.8	38.6



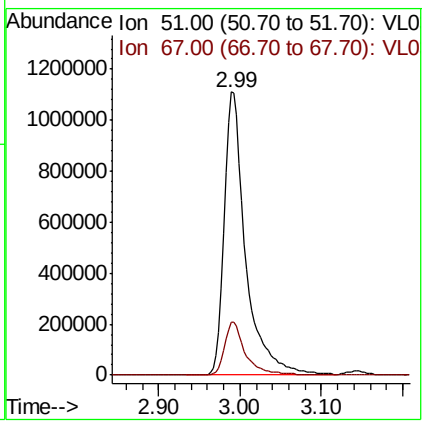


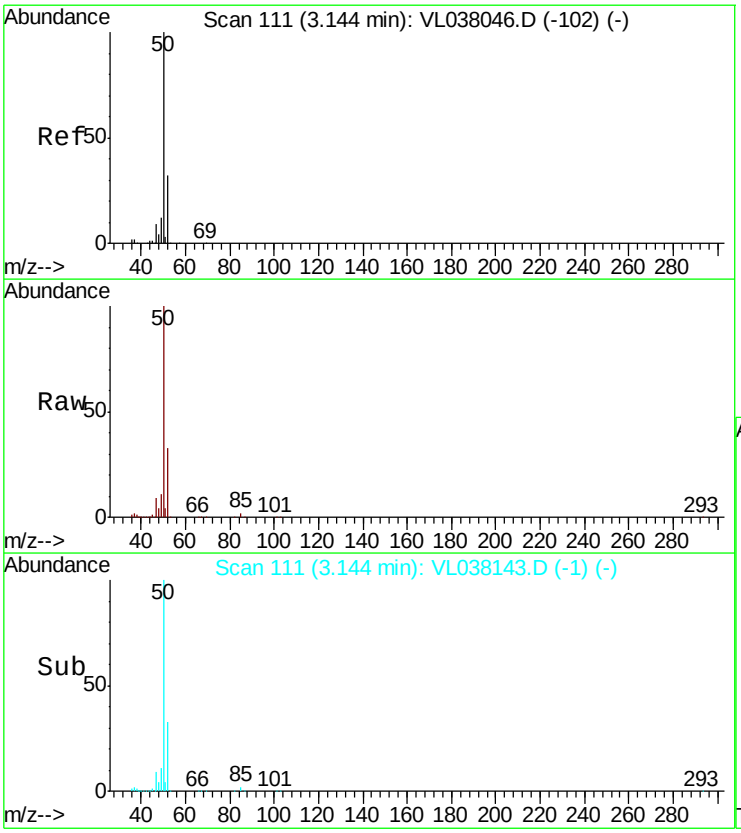
#3
Chlorodifluoromethane
Concen: 10.913 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 7 Dec 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 2066057

Ion	Ratio	Lower	Upper
51	100		
67	18.3	13.8	20.8

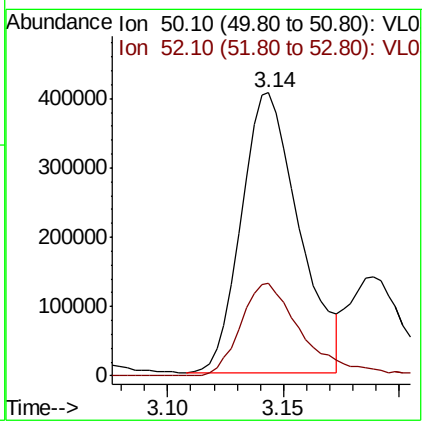


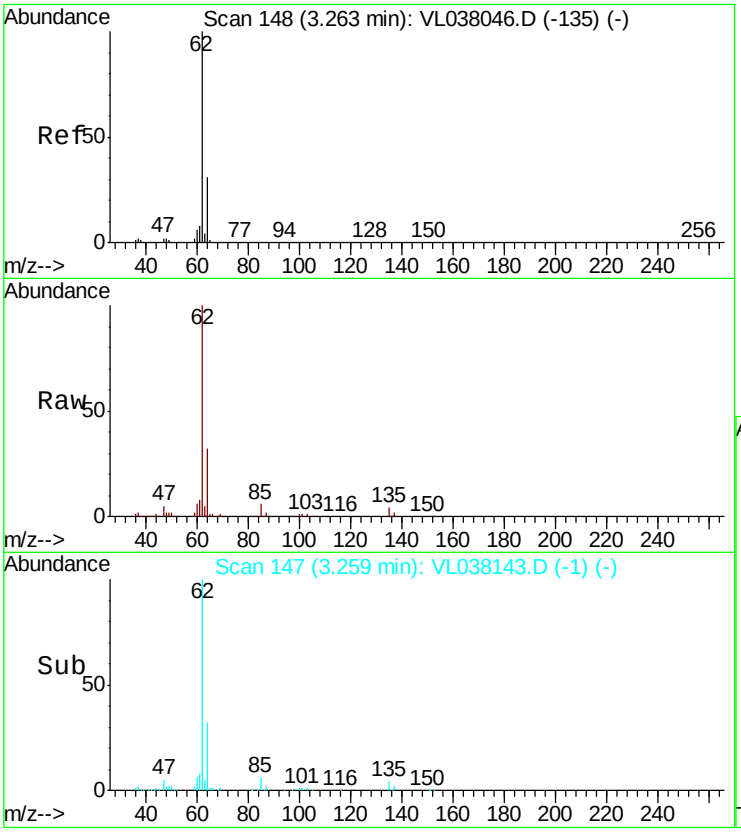


#4
Chloromethane
Concen: 10.954 ppbv
RT: 3.14 min Scan# 111
Delta R.T. 0.00 min
Lab File: VL038143.D
Acq: 7 Dec 2021 10:07

Tgt Ion: 50 Resp: 705952

Ion	Ratio	Lower	Upper
50	100		
52	33.0	25.4	38.0



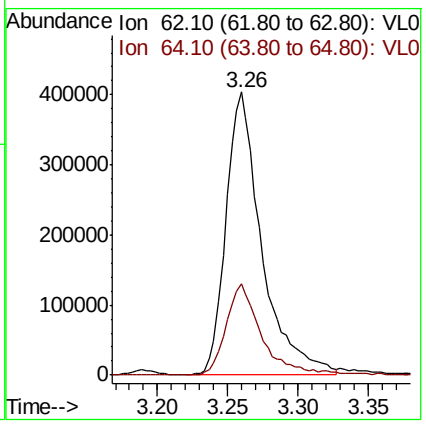


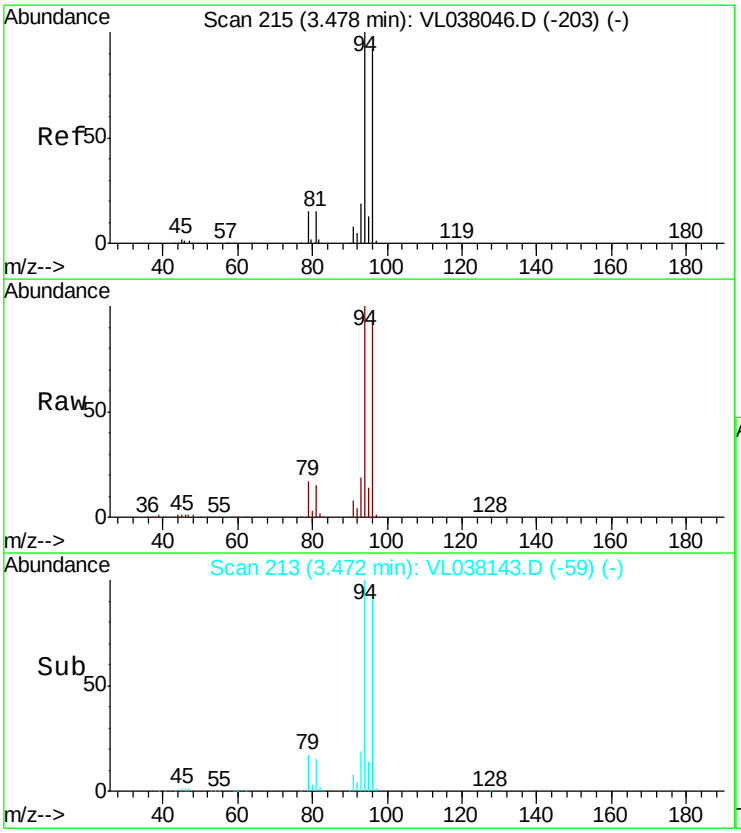
#5
Vinyl Chloride
Concen: 11.256 ppbv
RT: 3.26
Delta R.T
Lab File:
Acq: 7 Dec 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 711623

Ion	Ratio	Lower	Upper
62	100		
64	32.1	25.1	37.7

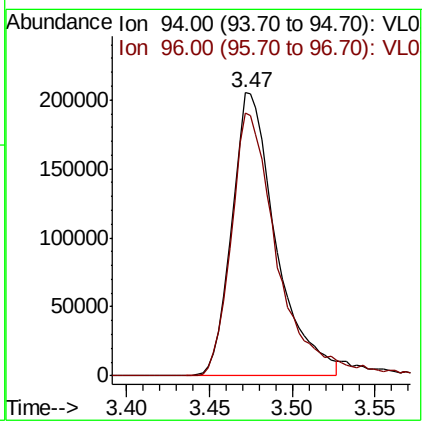


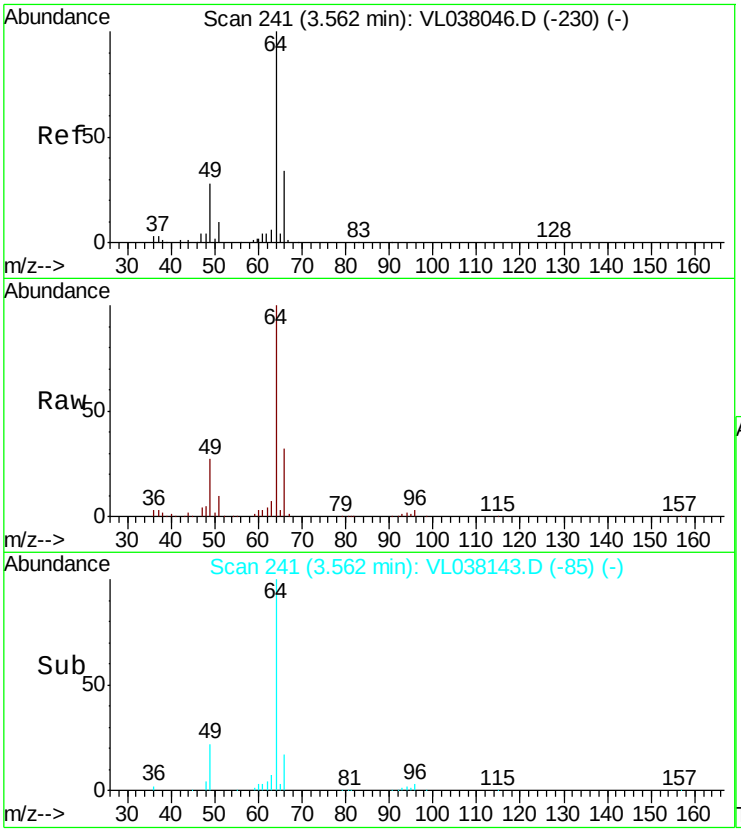


#6
Bromomethane
Concen: 11.210 ppbv
RT: 3.47 min Scan# 213
Delta R.T. -0.01 min
Lab File: VL038143.D
Acq: 7 Dec 2021 10:07

Tgt Ion: 94 Resp: 379666

Ion	Ratio	Lower	Upper
94	100		
96	92.9	73.9	110.9



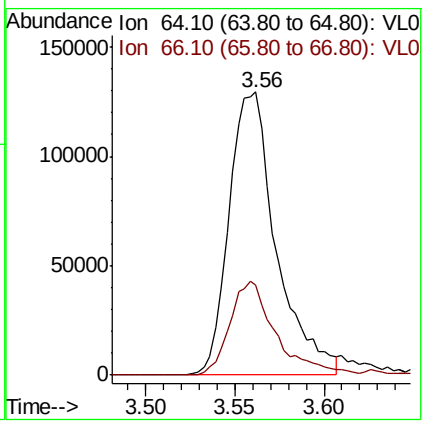


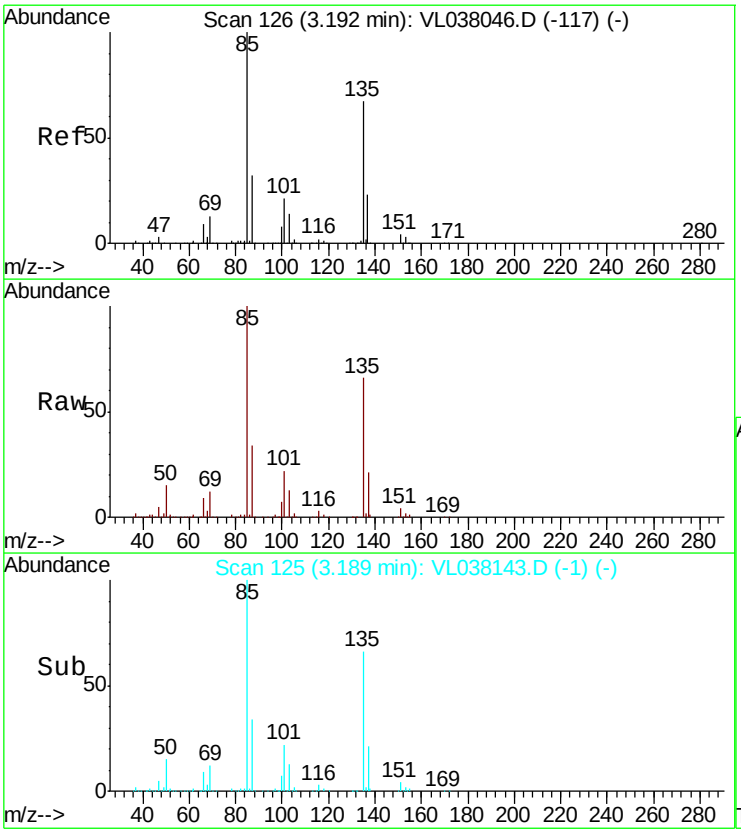
#7
Chloroethane
Concen: 10.659 ppbv
RT: 3.56
Delta R.T
Lab File:
Acq: 7 Dec 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 239172

Ion	Ratio	Lower	Upper
64	100		
66	31.8	27.2	40.8

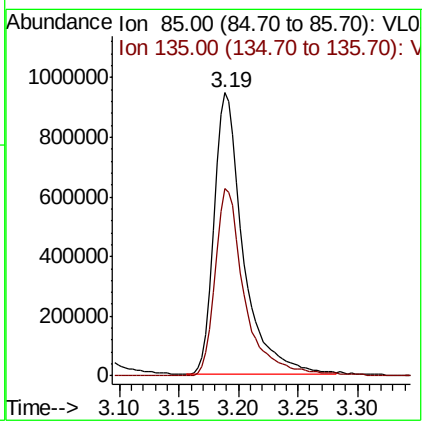


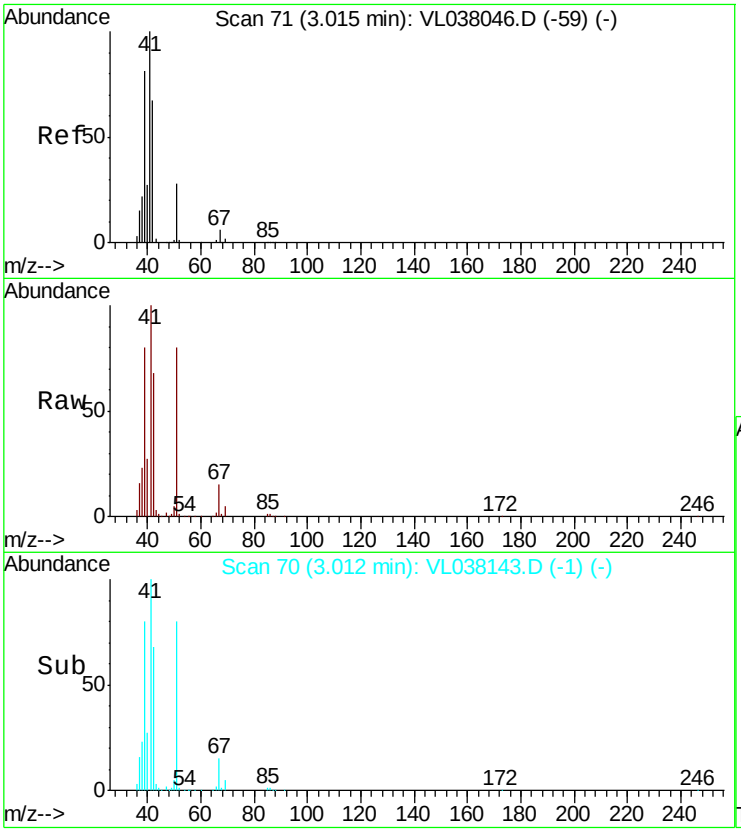


#8
Dichlorotetrafluoroethane
Concen: 10.844 ppbv
RT: 3.19 min Scan# 125
Delta R.T. -0.00 min
Lab File: VL038143.D
Acq: 7 Dec 2021 10:07

Tgt Ion: 85 Resp: 1606397

Ion	Ratio	Lower	Upper
85	100		
135	68.4	57.9	86.9



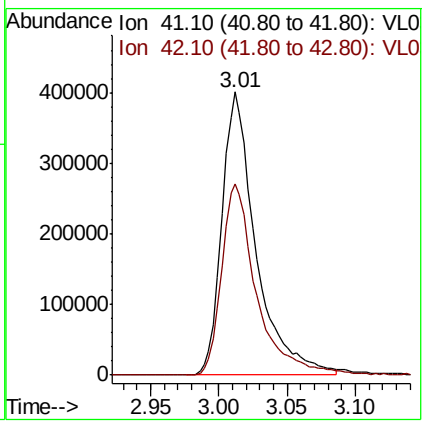


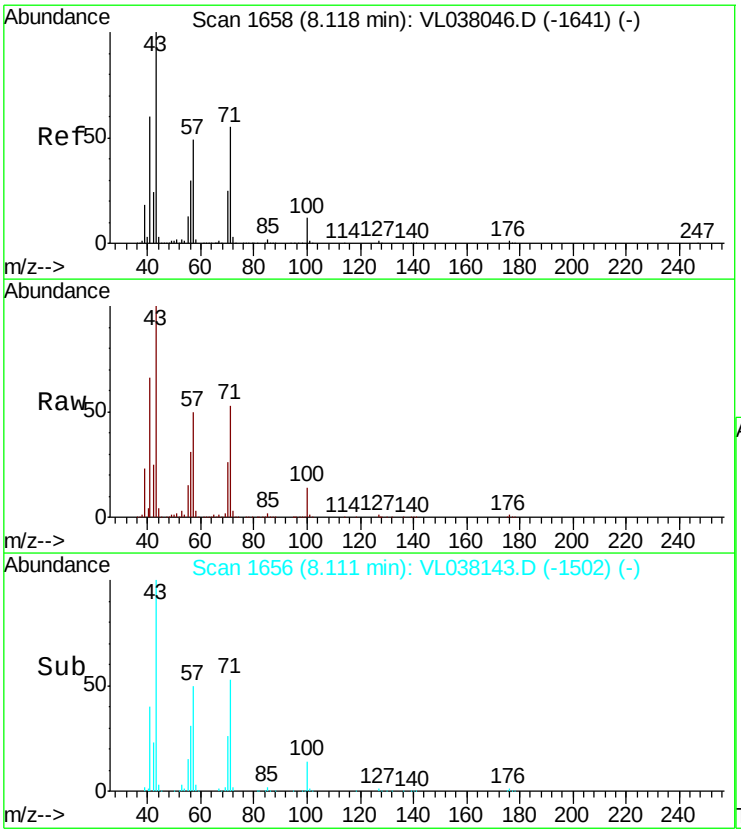
#9
Propene
Concen: 10.001 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 7 Dec 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 697292

Ion	Ratio	Lower	Upper
41	100		
42	69.9	53.8	80.8

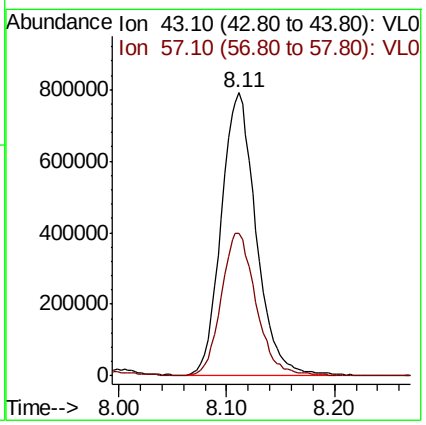


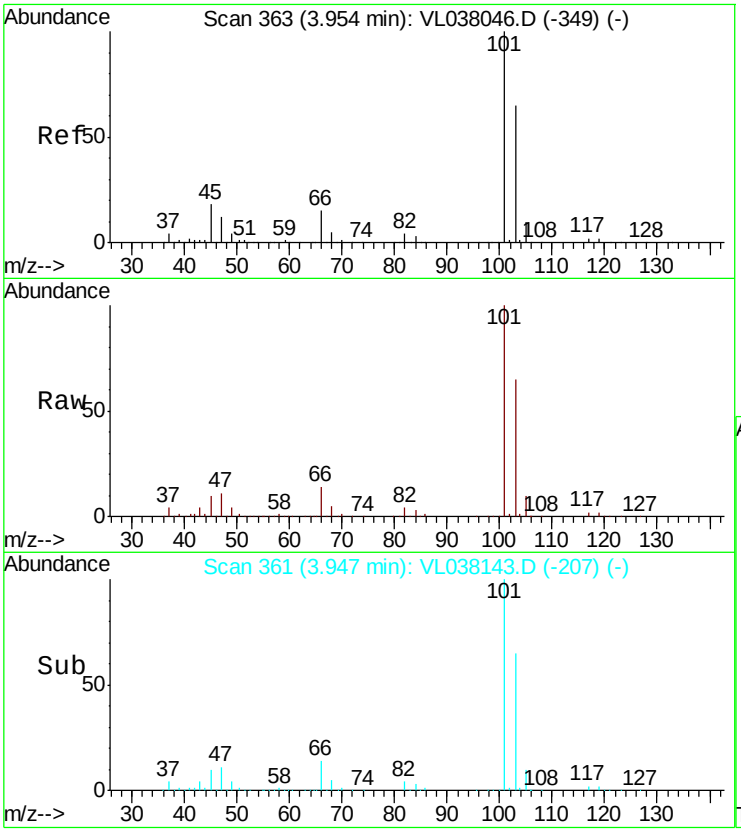


#10
Heptane
Concen: 10.234 ppbv
RT: 8.11 min Scan# 1656
Delta R.T. -0.01 min
Lab File: VL038143.D
Acq: 7 Dec 2021 10:07

Tgt Ion: 43 Resp: 1763541

Ion	Ratio	Lower	Upper
43	100		
57	50.4	40.4	60.6



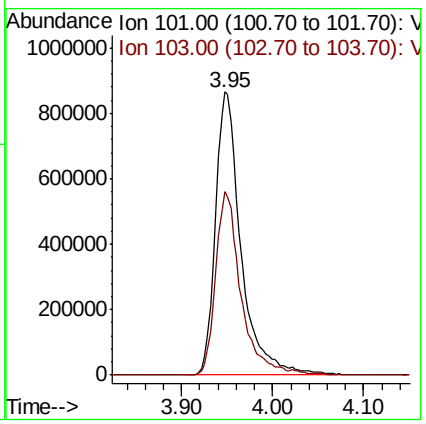


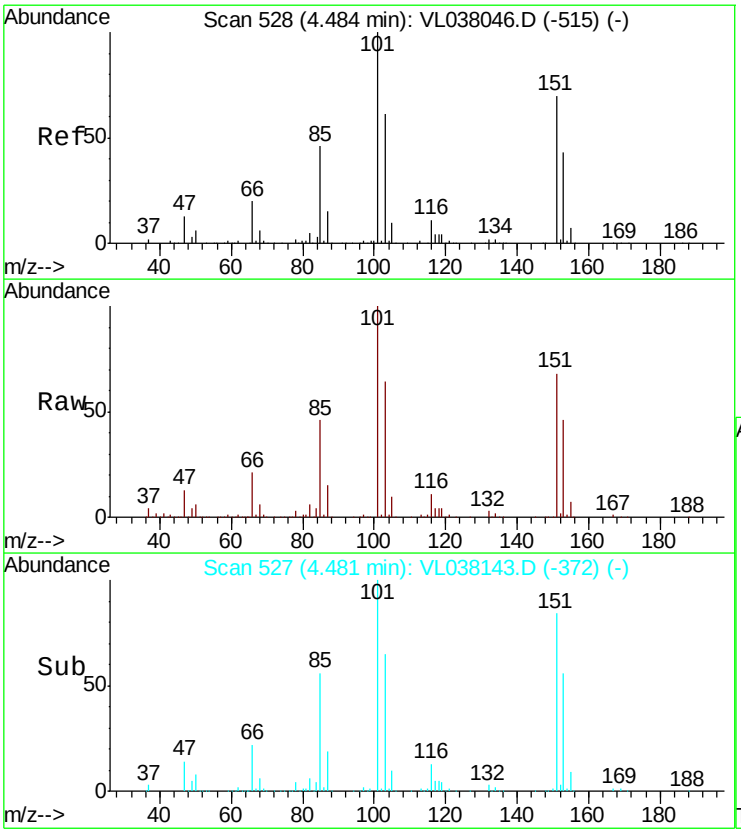
#11
Trichlorofluoromethane
Concen: 11.905 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 7 Dec 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 1686066

Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.8	77.6

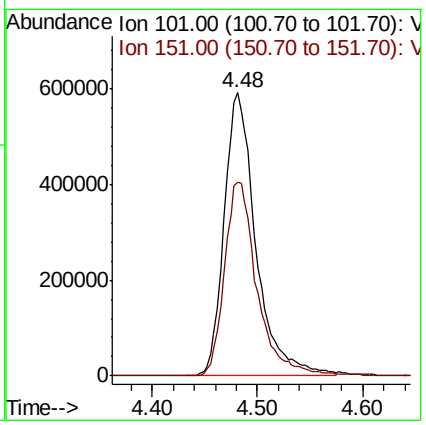


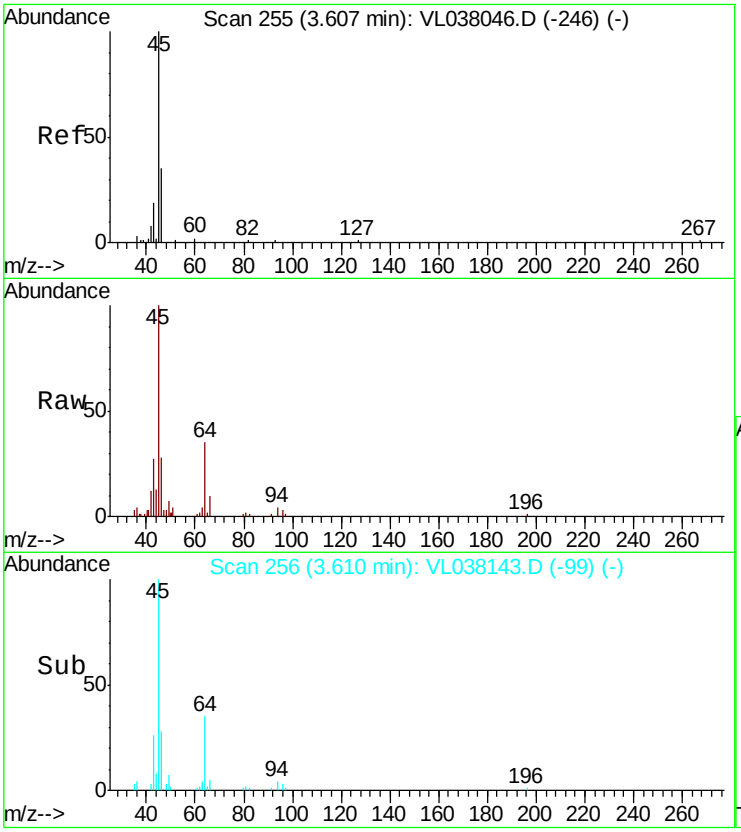


#12
1,1,2-Trichlorotrifluoroethane
Concen: 12.277 ppbv
RT: 4.48 min Scan# 527
Delta R.T. -0.00 min
Lab File: VL038143.D
Acq: 7 Dec 2021 10:07

Tgt Ion:101 Resp: 1229911

Ion	Ratio	Lower	Upper
101	100		
151	70.8	59.0	88.4



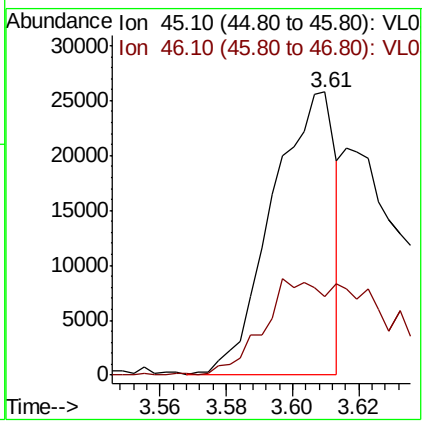


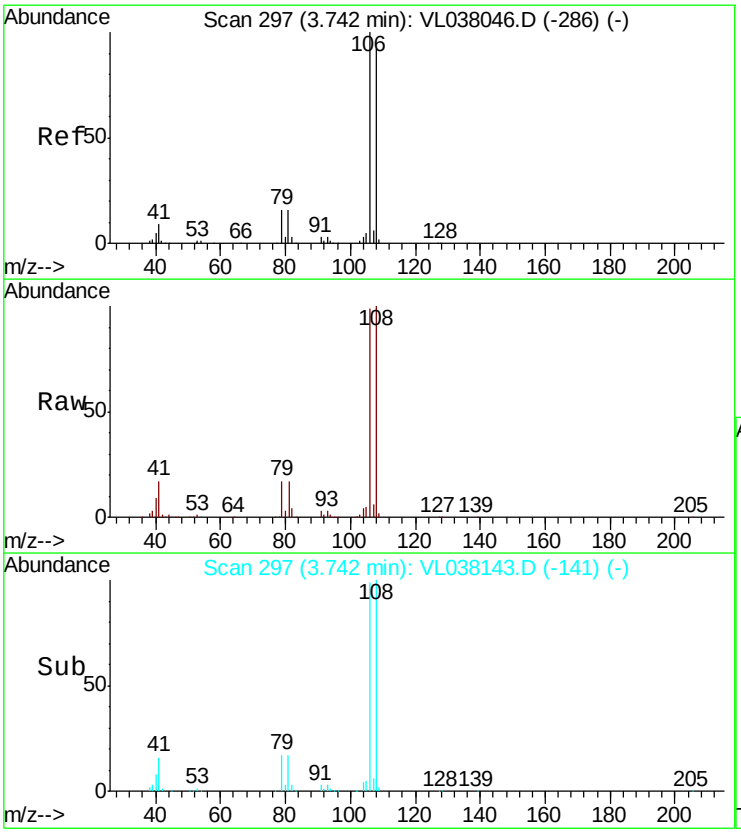
#13
Ethanol
Concen: 5.047 ppbv
RT: 3.61
Delta R.T
Lab File:
Acq: 7 Dec 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 34003

Ion	Ratio	Lower	Upper
45	100		
46	78.4	17.6	70.2#

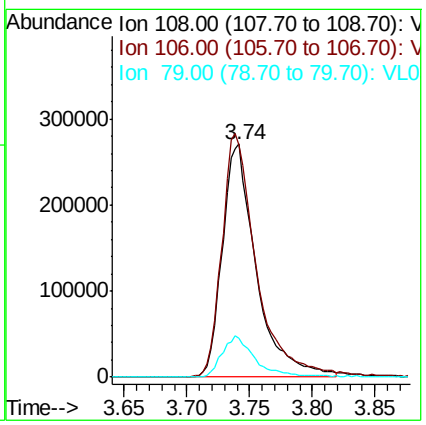


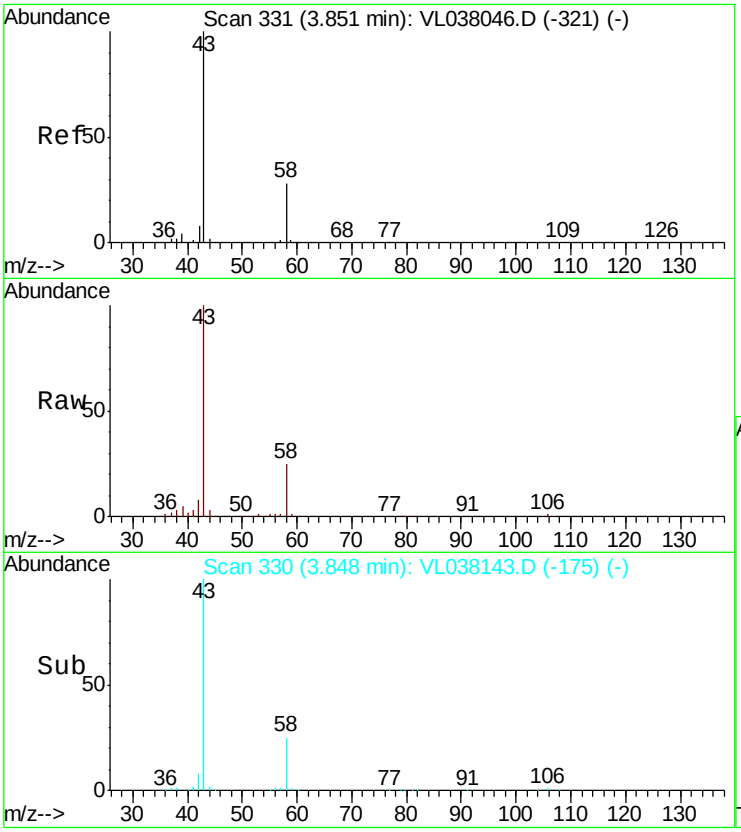


#14
Bromoethene
Concen: 11.352 ppbv
RT: 3.74 min Scan# 297
Delta R.T. 0.00 min
Lab File: VL038143.D
Acq: 7 Dec 2021 10:07

Tgt Ion:108 Resp: 509249

Ion	Ratio	Lower	Upper
108	100		
106	107.5	89.4	134.0
79	17.9	14.1	21.1



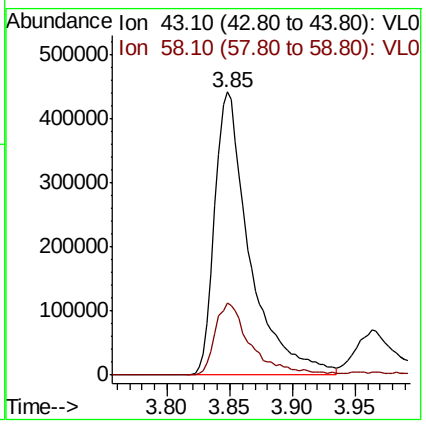


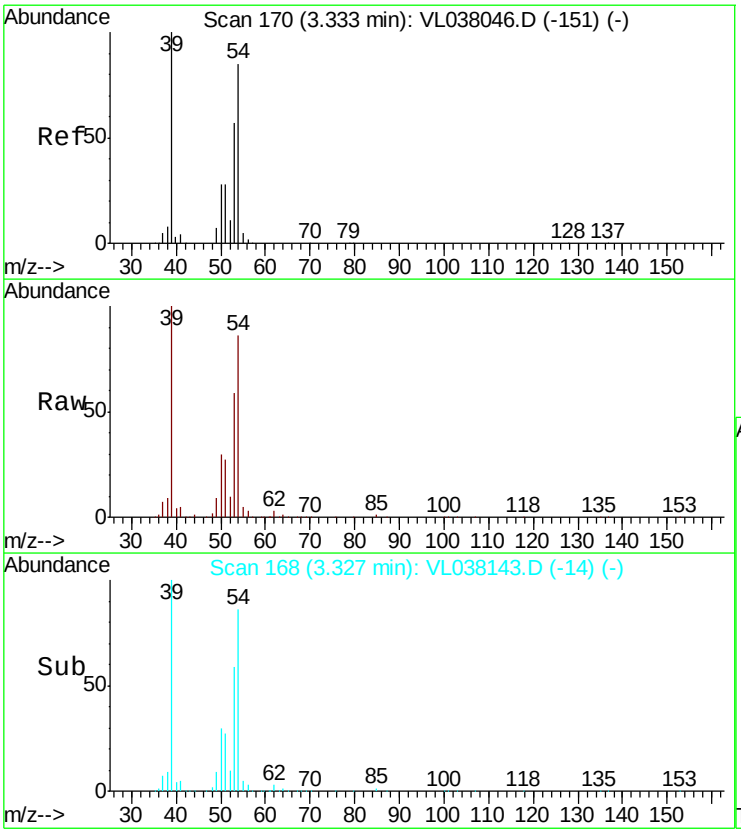
#15
Acetone
Concen: 10.918 ppbv
RT: 3.85
Delta R.T
Lab File:
Acq: 7 Dec 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 853394

Ion	Ratio	Lower	Upper
43	100		
58	26.2	22.4	33.6

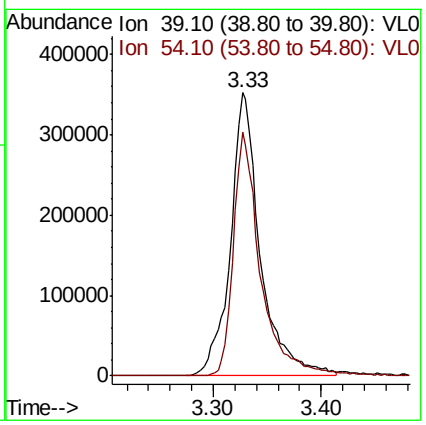


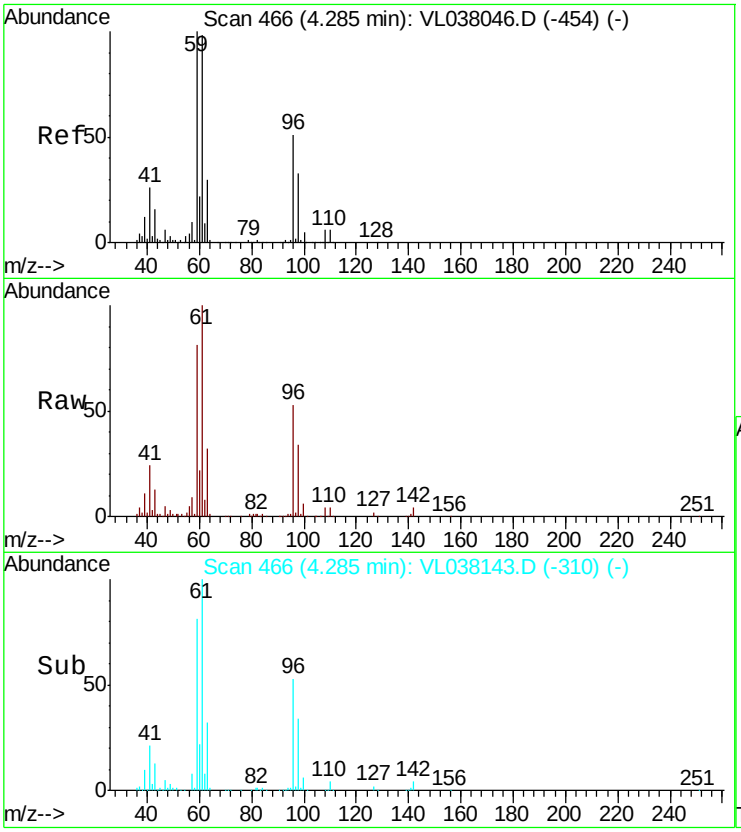


#16
1,3-Butadiene
Concen: 11.181 ppbv
RT: 3.33 min Scan# 168
Delta R.T. -0.01 min
Lab File: VL038143.D
Acq: 7 Dec 2021 10:07

Tgt Ion: 39 Resp: 681803

Ion	Ratio	Lower	Upper
39	100		
54	78.9	64.4	96.6



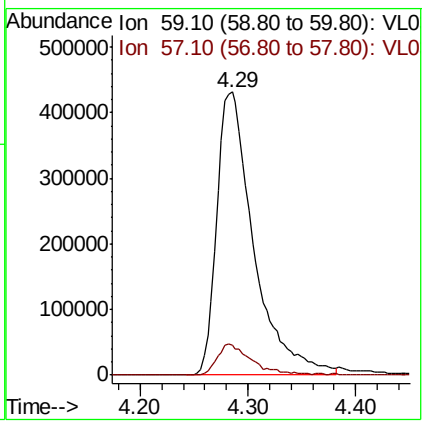


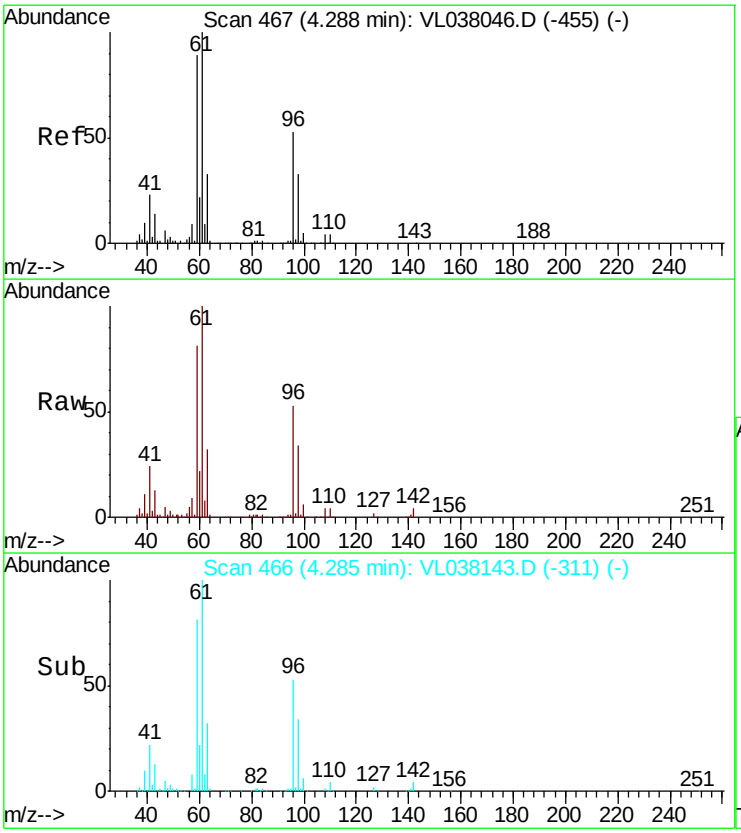
#17
tert-Butyl alcohol
Concen: 10.865 ppbv
RT: 4.29
Delta R.T
Lab File:
Acq: 7 Dec 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 1030169

Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.6	13.0

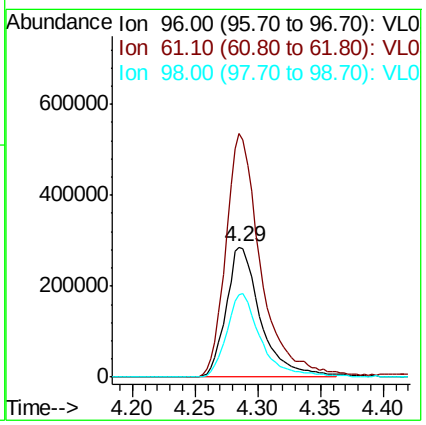


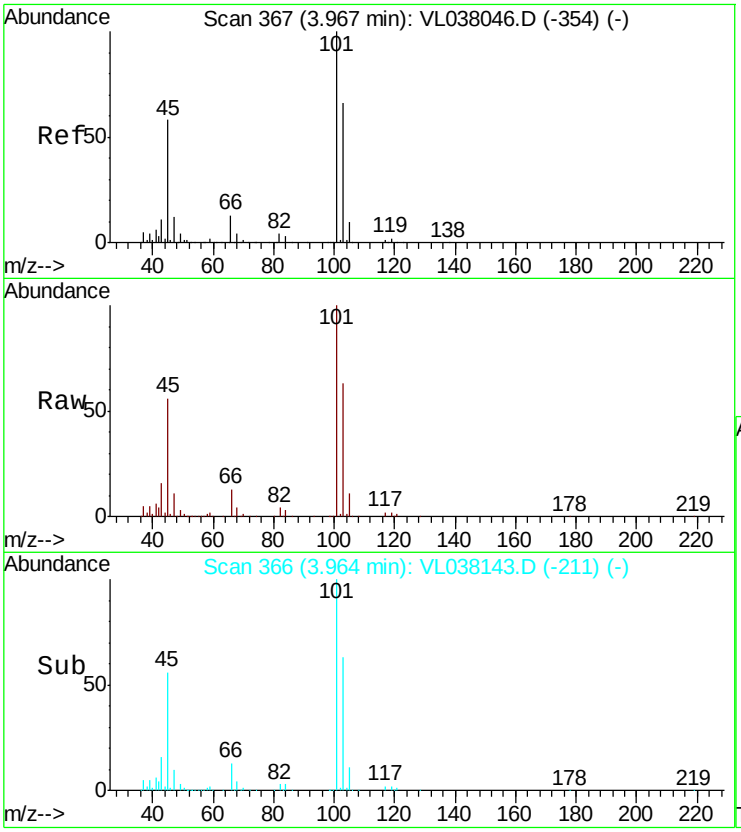


#18
1,1-Dichloroethene
Concen: 11.870 ppbv
RT: 4.29 min Scan# 466
Delta R.T. -0.00 min
Lab File: VL038143.D
Acq: 7 Dec 2021 10:07

Tgt Ion: 96 Resp: 545479

Ion	Ratio	Lower	Upper
96	100		
61	187.0	149.8	224.8
98	63.0	50.2	75.2



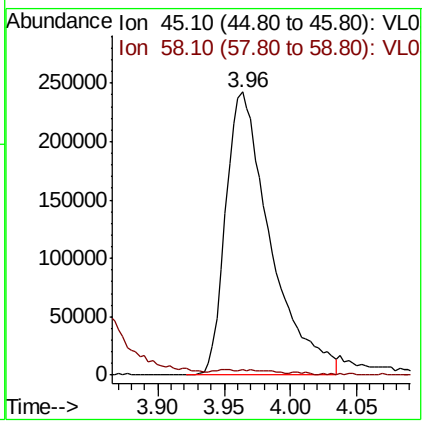


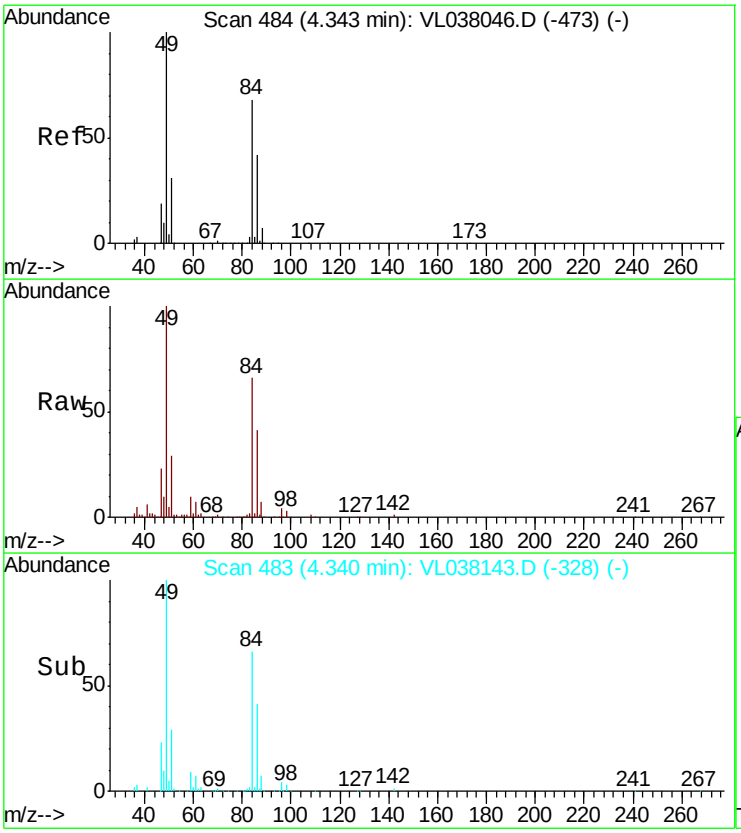
#19
Isopropyl Alcohol
Concen: 10.034 ppbv
RT: 3.96
Delta R.T
Lab File:
Acq: 7 Dec 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 566688

Ion	Ratio	Lower	Upper
45	100		
58	3.3	1.4	2.0#

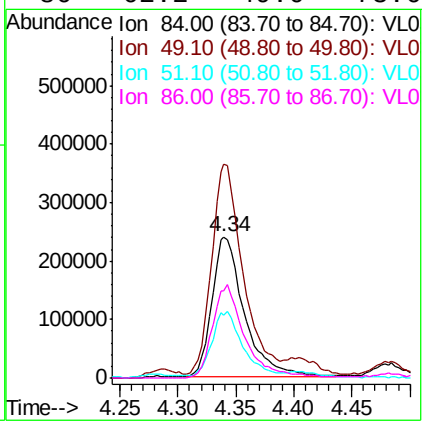


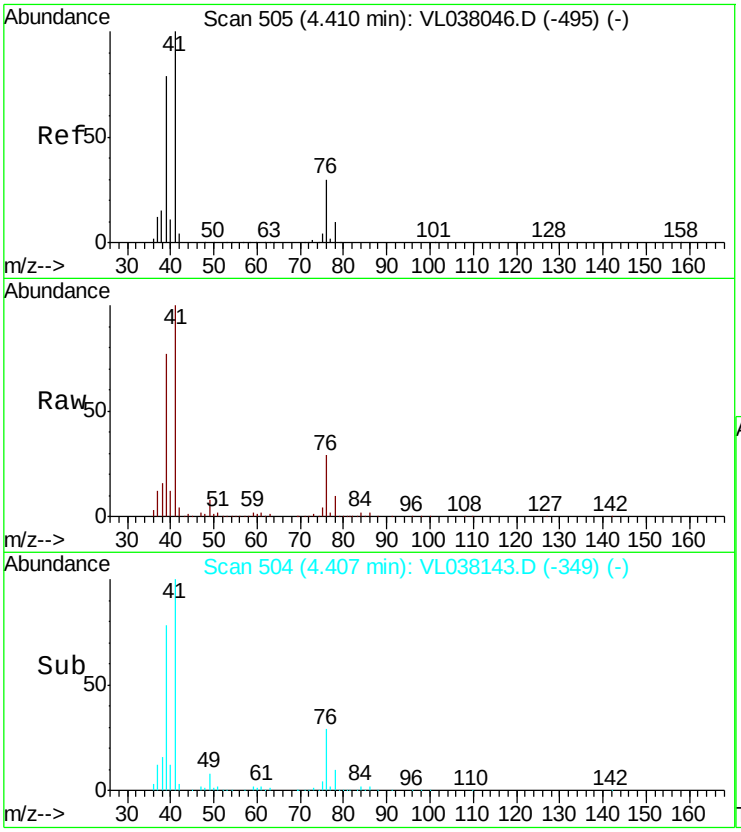


#20
Methylene Chloride
Concen: 10.830 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.00 min
Lab File: VL038143.D
Acq: 7 Dec 2021 10:07

Tgt Ion: 84 Resp: 474132

Ion	Ratio	Lower	Upper
84	100		
49	149.7	118.2	177.2
51	43.4	36.8	55.2
86	62.2	49.0	73.6



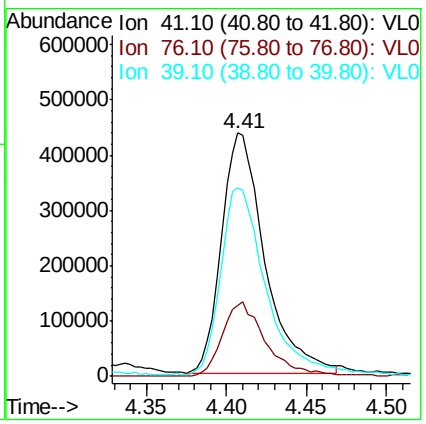


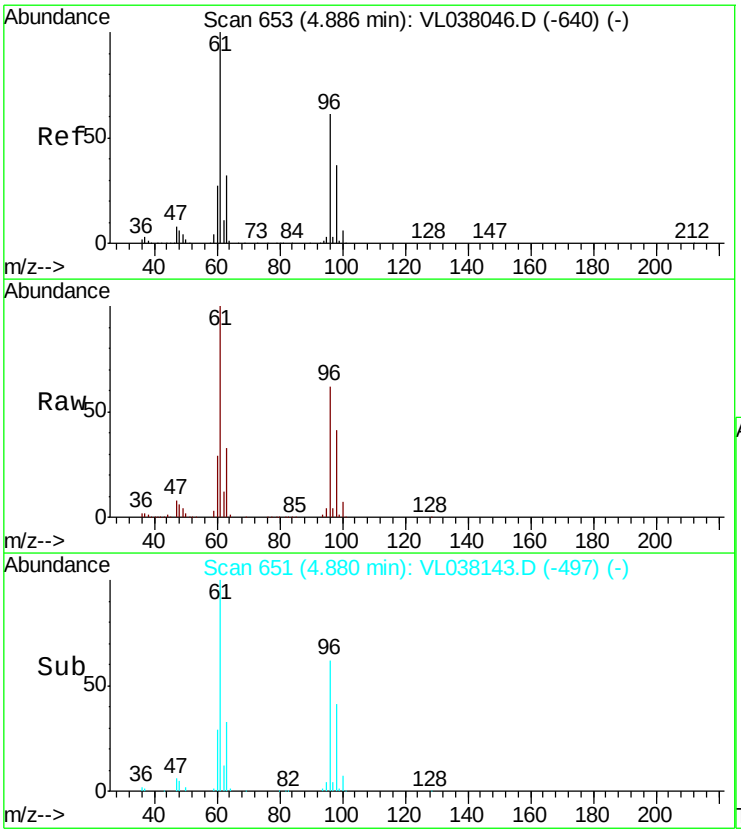
#21
Allyl Chloride
Concen: 11.138 ppbv
RT: 4.41
Delta R.T
Lab File:
Acq: 7 Dec 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 805813

Ion	Ratio	Lower	Upper
41	100		
76	31.4	24.6	36.8
39	82.1	63.4	95.0

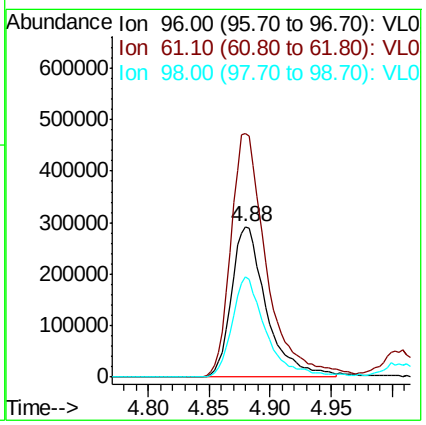


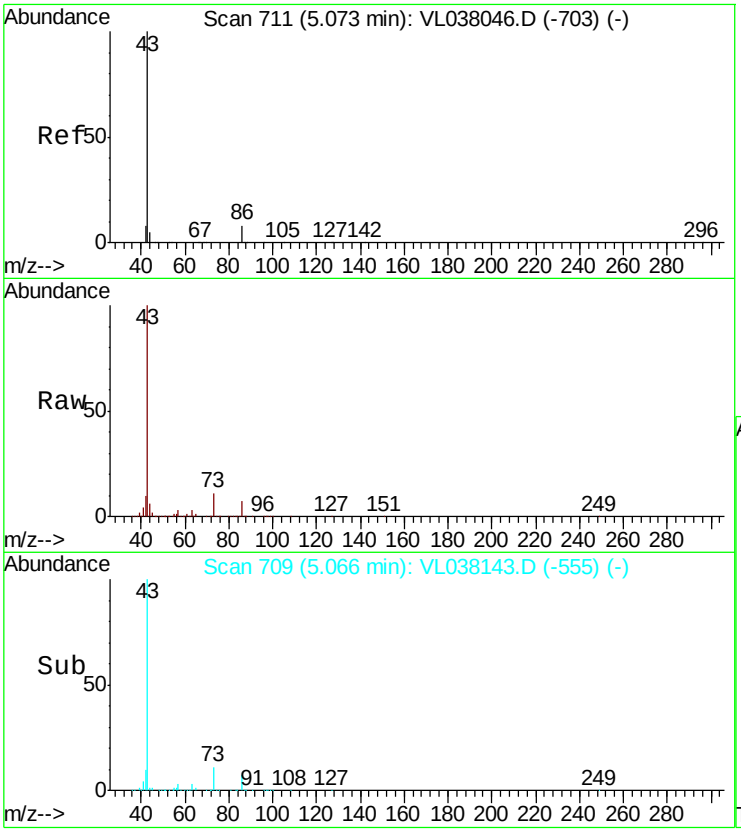


#22
trans-1,2-Dichloroethene
Concen: 12.482 ppbv
RT: 4.88 min Scan# 651
Delta R.T. -0.01 min
Lab File: VL038143.D
Acq: 7 Dec 2021 10:07

Tgt Ion: 96 Resp: 581004

Ion	Ratio	Lower	Upper
96	100		
61	161.7	131.6	197.4
98	66.1	48.4	72.6



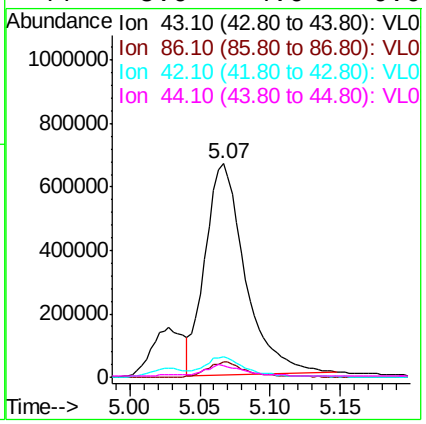


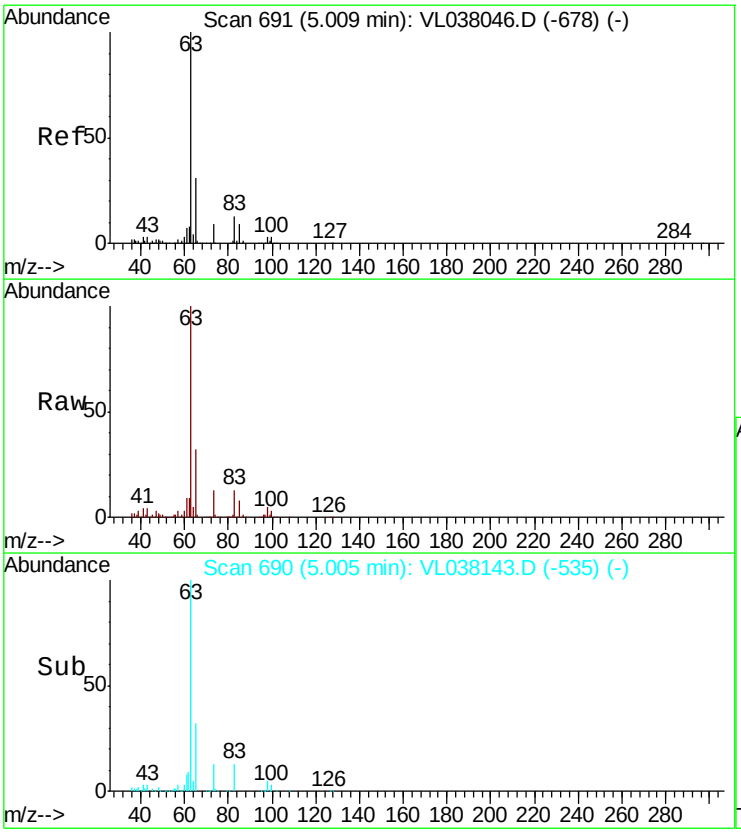
#23
Vinvl Acetate
Concen: 11.541 ppbv
RT: 5.07
Delta R.T
Lab File:
Acq: 7 Dec 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1305825

Ion	Ratio	Lower	Upper
43	100		
86	7.1	5.3	7.9
42	9.8	7.0	10.6
44	5.0	4.0	6.0

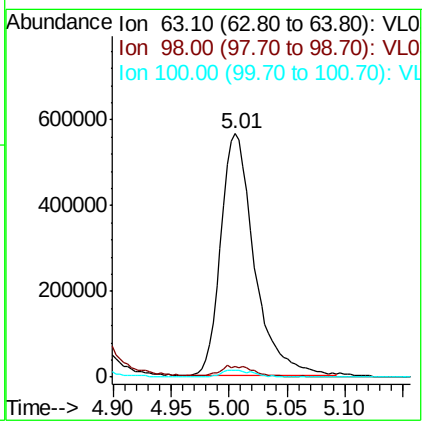


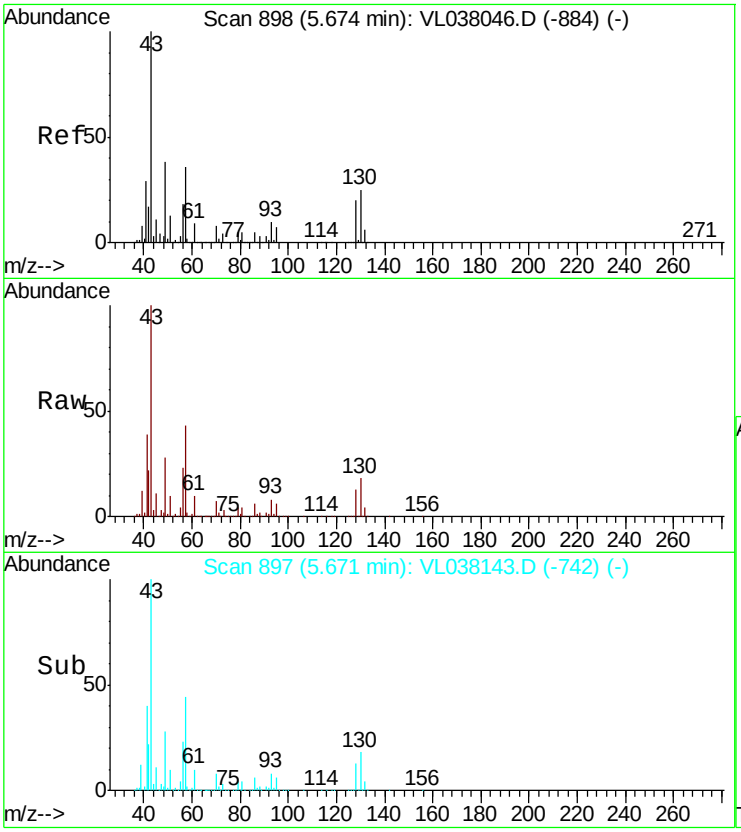


#24
1,1-Dichloroethane
Concen: 12.006 ppbv
RT: 5.01 min Scan# 690
Delta R.T. -0.00 min
Lab File: VL038143.D
Acq: 7 Dec 2021 10:07

Tgt Ion: 63 Resp: 1131235

Ion	Ratio	Lower	Upper
63	100		
98	4.5	1.8	5.4
100	2.9	1.4	4.0



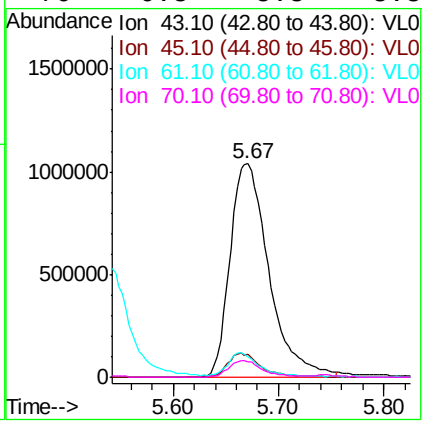


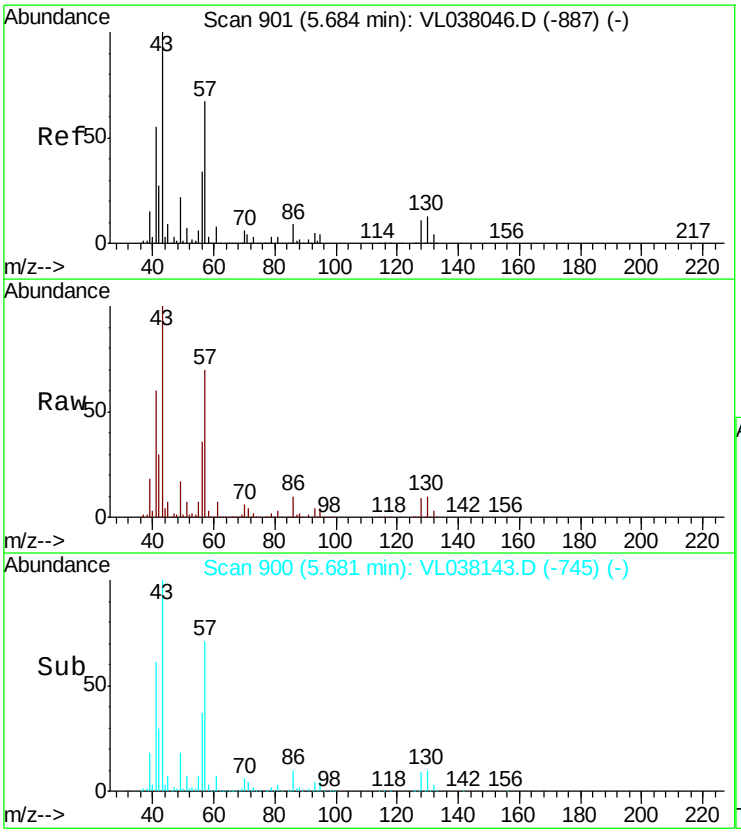
#25
Ethyl Acetate
Concen: 10.181 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 7 Dec 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2644692

Ion	Ratio	Lower	Upper
43	100		
45	10.0	7.9	11.9
61	9.8	7.8	11.6
70	6.8	5.8	8.8

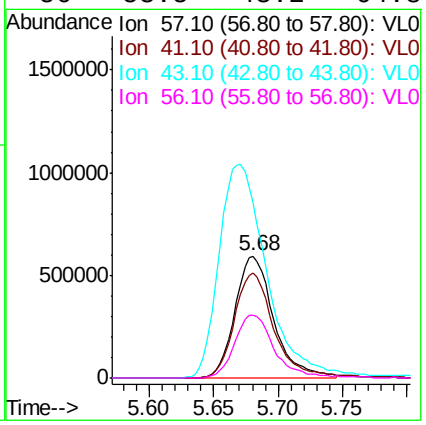


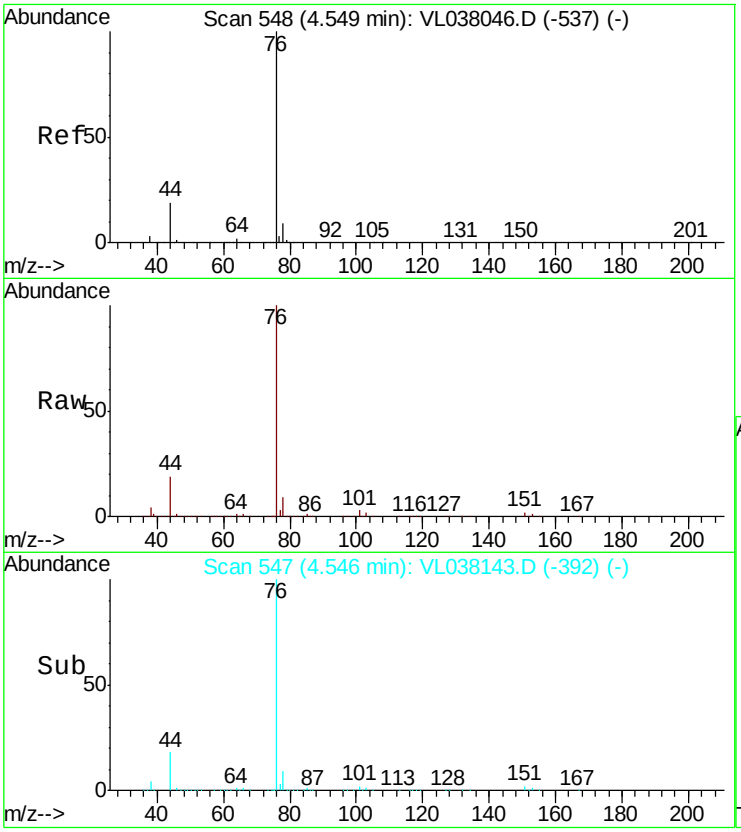


#26
Hexane
Concen: 9.896 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.00 min
Lab File: VL038143.D
Acq: 7 Dec 2021 10:07

Tgt Ion: 57 Resp: 1239114

Ion	Ratio	Lower	Upper
57	100		
41	89.7	71.4	107.2
43	217.9	174.6	261.8
56	53.5	43.2	64.8



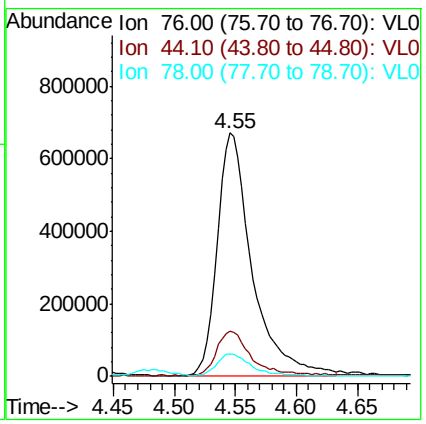


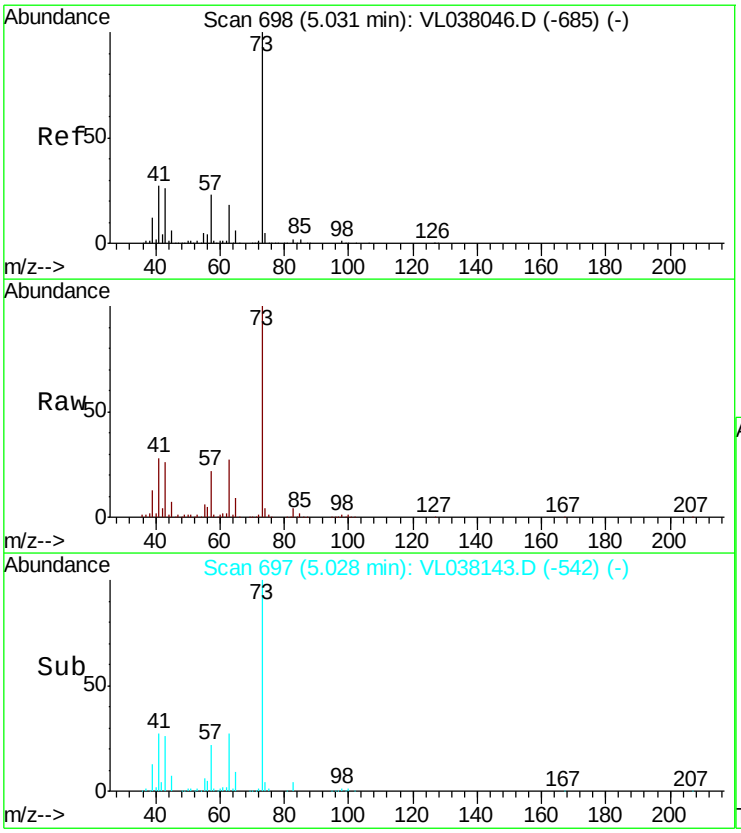
#27
Carbon Disulfide
Concen: 11.903 ppbv
RT: 4.55
Delta R.T
Lab File:
Acq: 7 Dec 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 76 Resp: 1335050

Ion	Ratio	Lower	Upper
76	100		
44	19.3	14.9	22.3
78	9.7	7.6	11.4

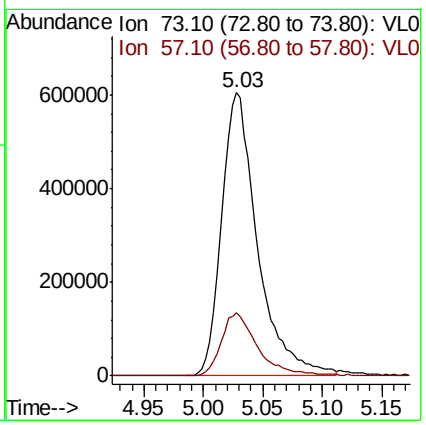


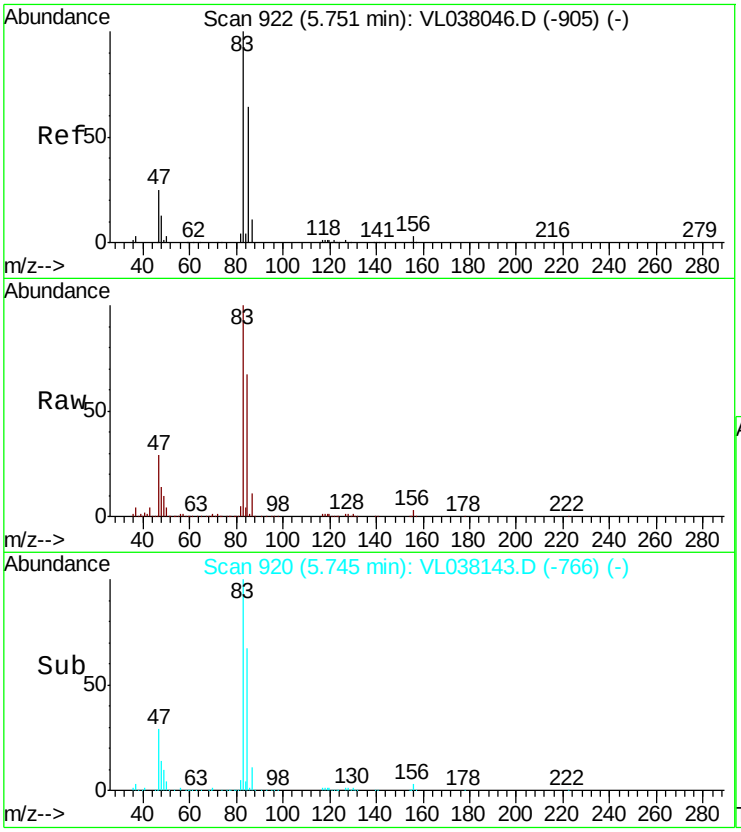


#28
Methyl tert-Butyl Ether
Concen: 11.901 ppbv
RT: 5.03 min Scan# 697
Delta R.T. -0.00 min
Lab File: VL038143.D
Acq: 7 Dec 2021 10:07

Tgt Ion: 73 Resp: 1265740

Ion	Ratio	Lower	Upper
73	100		
57	22.9	19.0	28.4



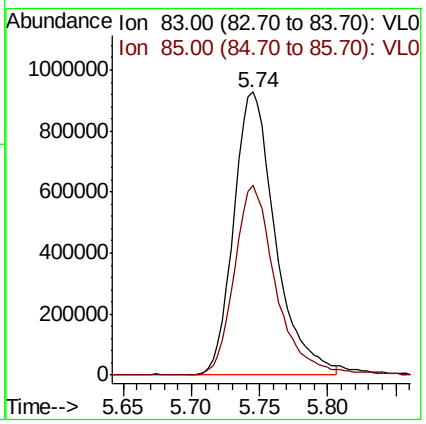


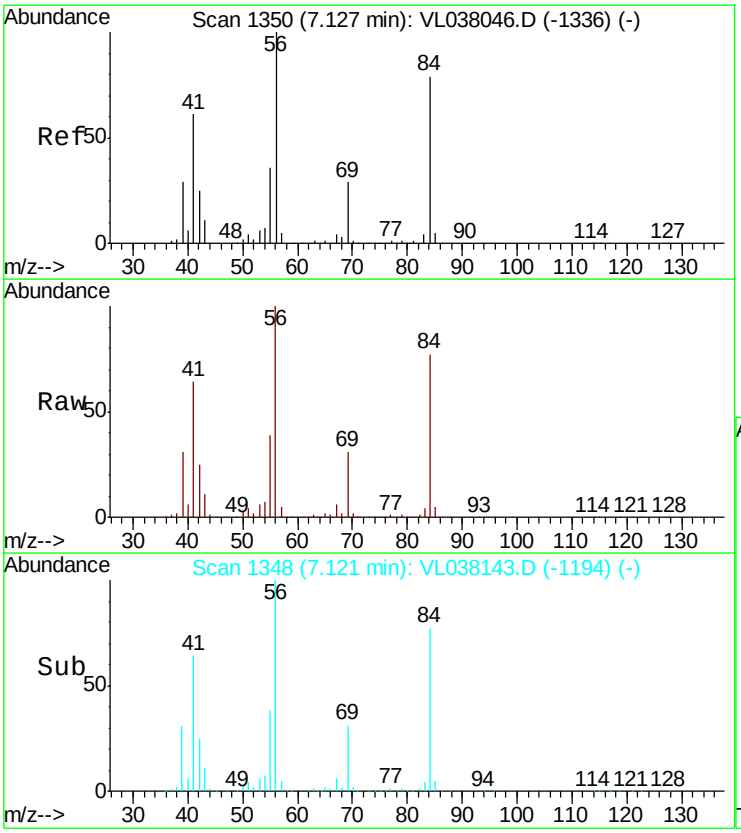
#29
Chloroform
Concen: 10.686 ppbv
RT: 5.74
Delta R.T
Lab File:
Acq: 7 Dec 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1971862

Ion	Ratio	Lower	Upper
83	100		
85	66.8	51.0	76.6

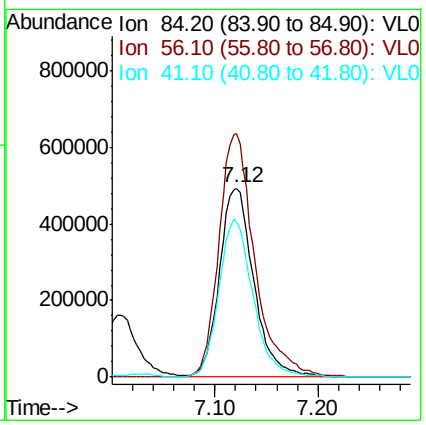


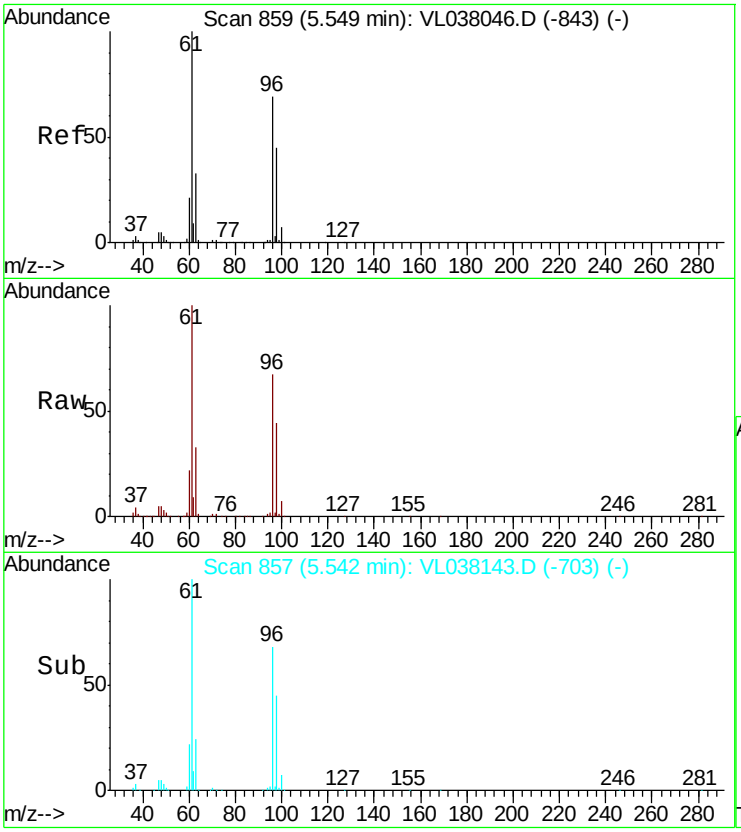


#30
Cyclohexane
Concen: 10.019 ppbv
RT: 7.12 min Scan# 1348
Delta R.T. -0.01 min
Lab File: VL038143.D
Acq: 7 Dec 2021 10:07

Tgt Ion: 84 Resp: 1138872

Ion	Ratio	Lower	Upper
84	100		
56	135.8	108.1	162.1
41	83.8	64.4	96.6



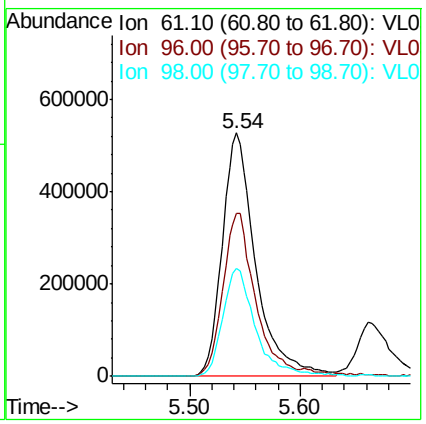


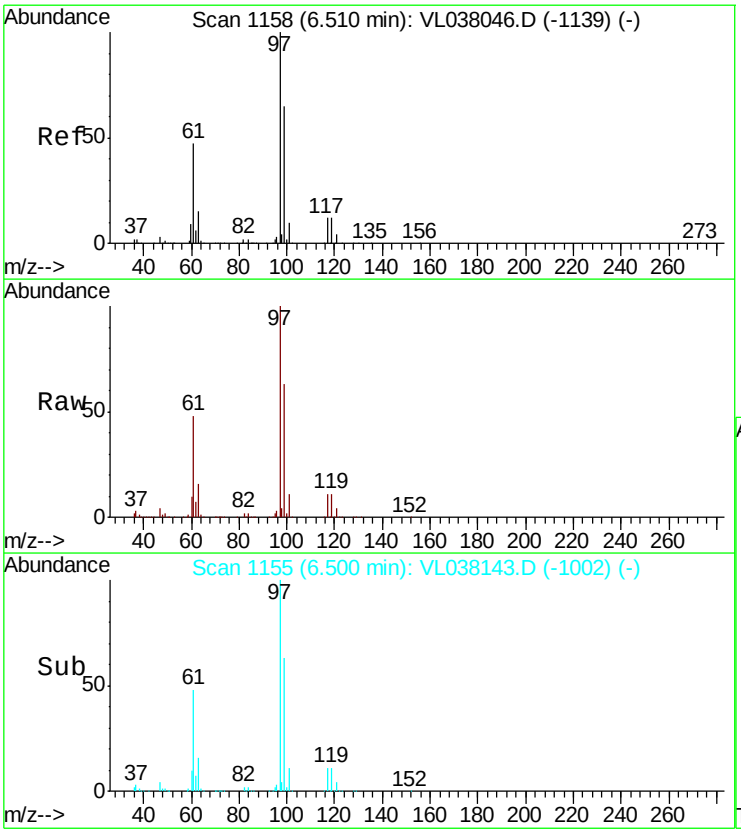
#31
cis-1,2-Dichloroethene
Concen: 9.268 ppbv
RT: 5.54
Delta R.T
Lab File:
Acq: 7 Dec 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 61 Resp: 1103899

Ion	Ratio	Lower	Upper
61	100		
96	67.1	55.4	83.2
98	44.4	35.7	53.5

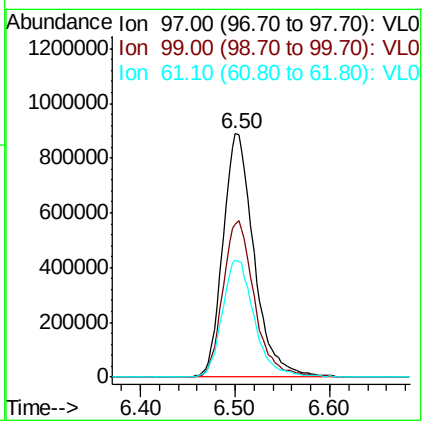


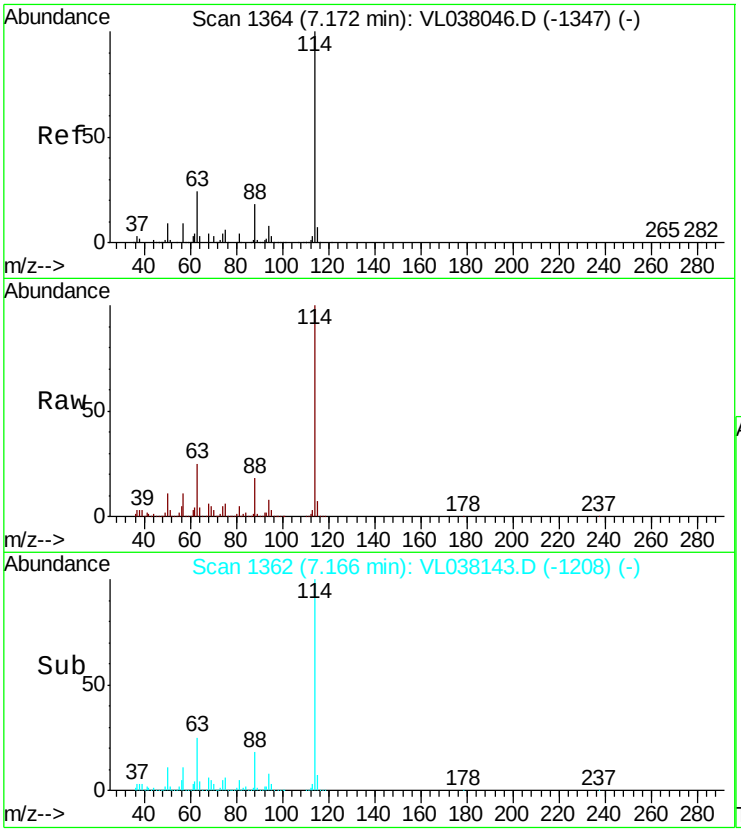


#32
1,1,1-Trichloroethane
Concen: 10.856 ppbv
RT: 6.50 min Scan# 1155
Delta R.T. -0.01 min
Lab File: VL038143.D
Acq: 7 Dec 2021 10:07

Tgt Ion: 97 Resp: 2033141

Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.2	78.4
61	49.6	37.7	56.5



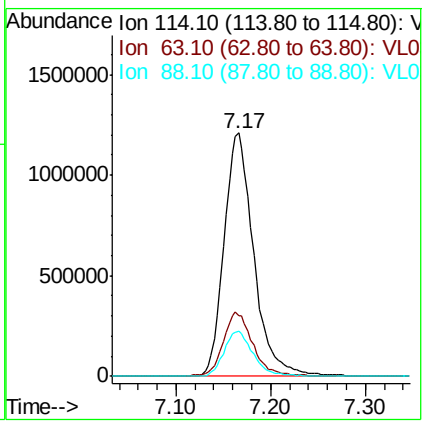


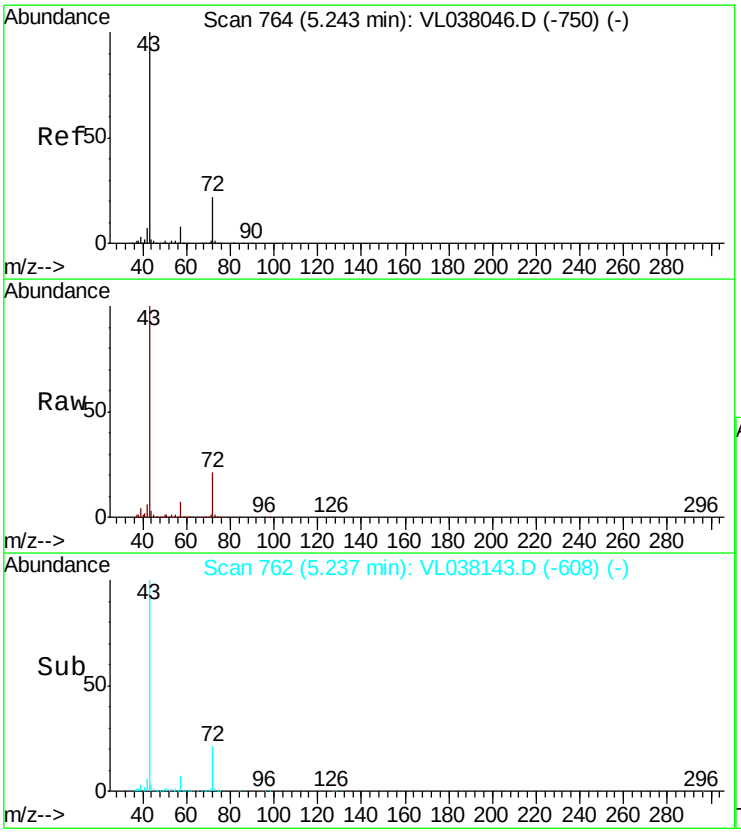
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 7 Dec 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:114 Resp: 2640434

Ion	Ratio	Lower	Upper
114	100		
63	26.3	19.7	29.5
88	18.5	14.4	21.6

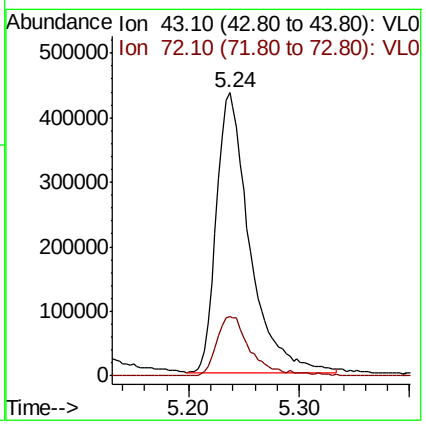


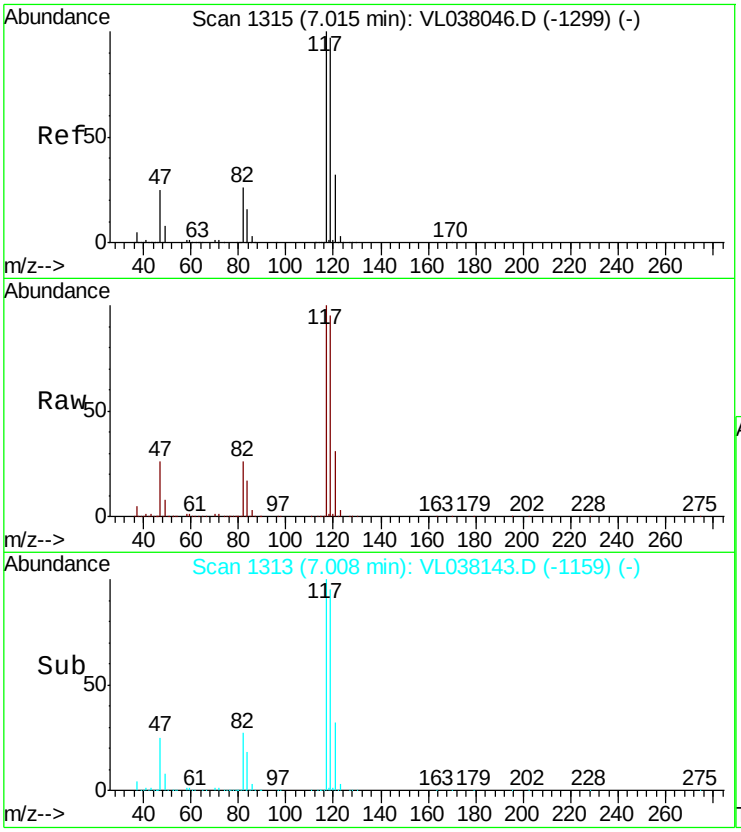


#34
2-Butanone
Concen: 8.490 ppbv
RT: 5.24 min Scan# 762
Delta R.T. -0.01 min
Lab File: VL038143.D
Acq: 7 Dec 2021 10:07

Tgt Ion: 43 Resp: 903967

Ion	Ratio	Lower	Upper
43	100		
72	22.4	18.8	28.2



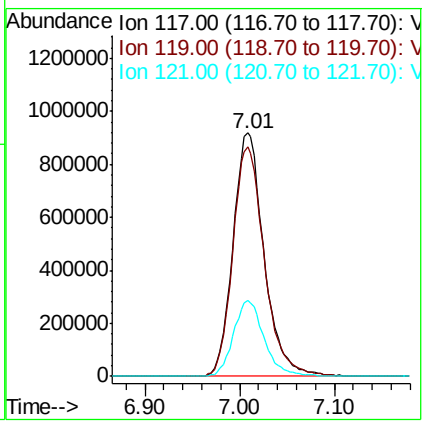


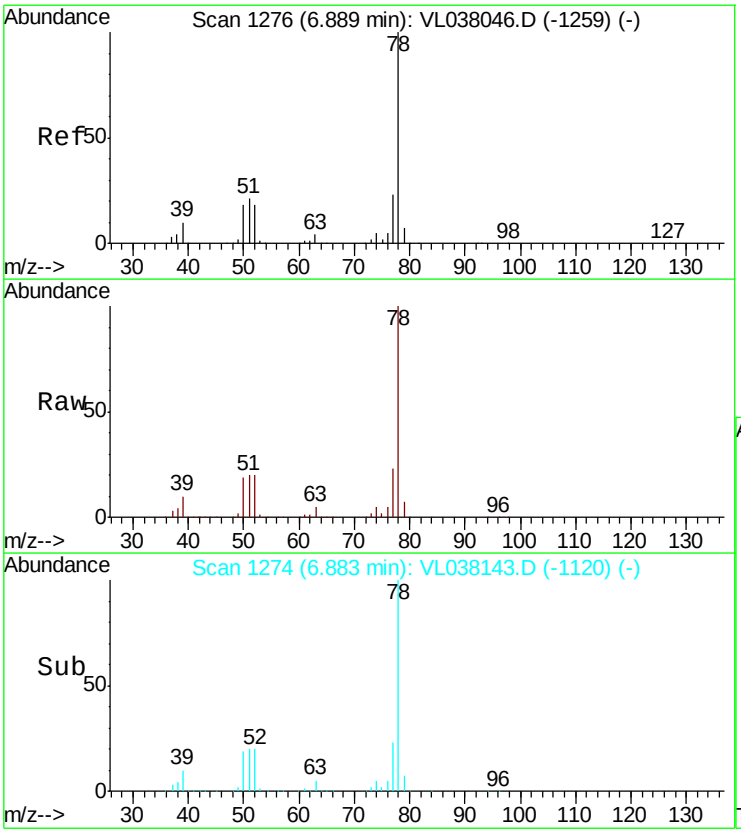
#35
Carbon Tetrachloride
Concen: 11.266 ppbv
RT: 7.01
Delta R.T
Lab File:
Acq: 7 Dec 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 2090011

Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.7	116.5
121	31.3	25.6	38.4

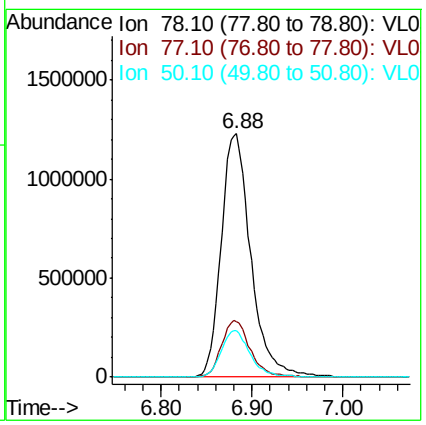


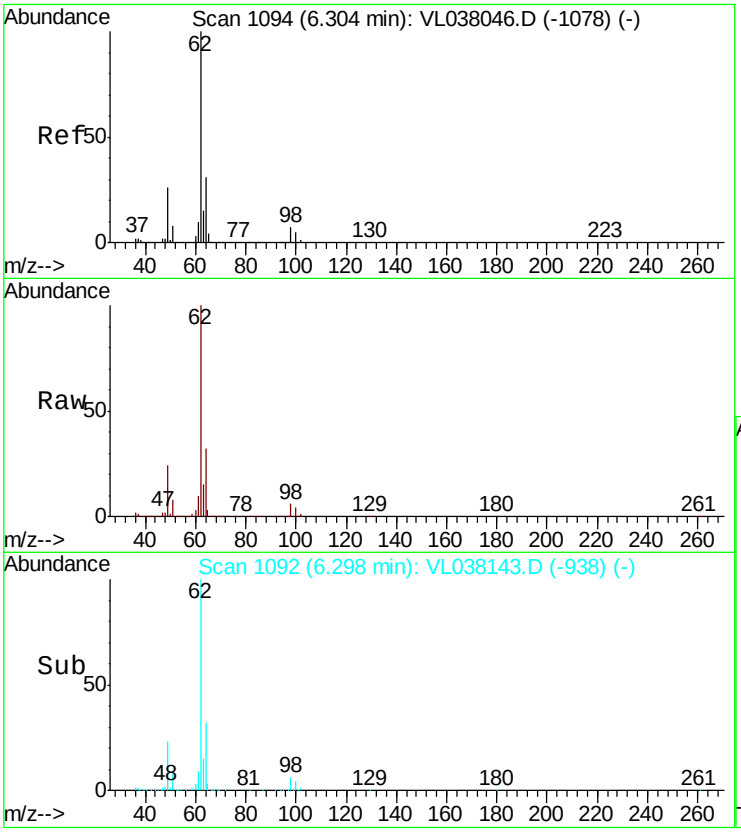


#36
Benzene
Concen: 10.547 ppbv
RT: 6.88 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VL038143.D
Acq: 7 Dec 2021 10:07

Tgt Ion: 78 Resp: 2777981

Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.2	27.4
50	19.1	14.7	22.1



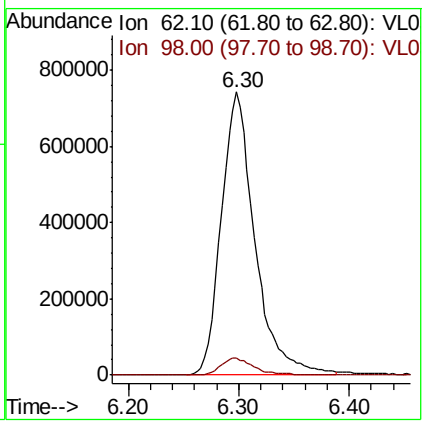


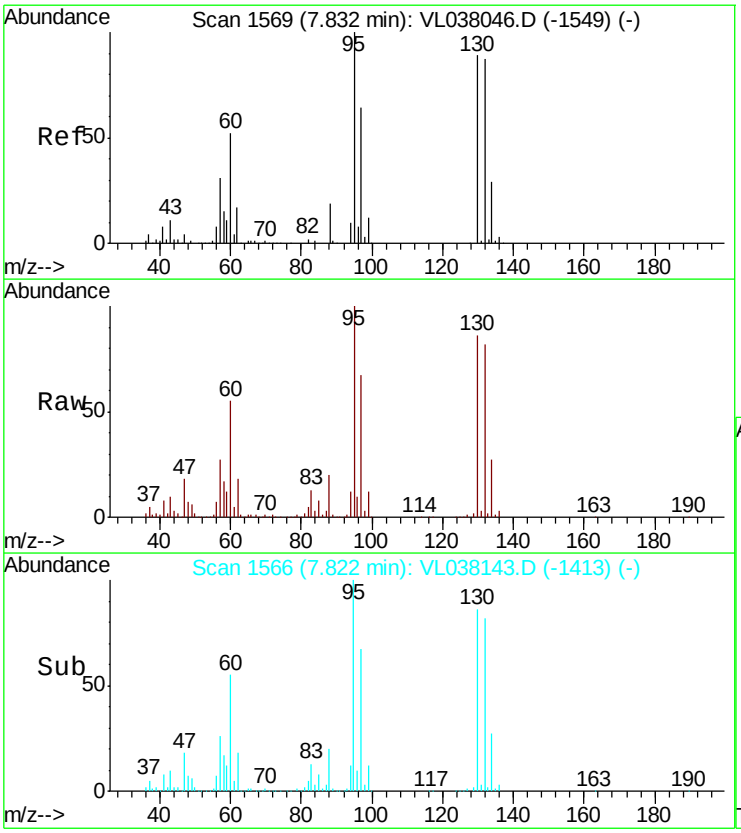
#37
1,2-Dichloroethane
Concen: 12.264 ppbv
RT: 6.30
Delta R.T
Lab File:
Acq: 7 Dec 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 1560016

Ion	Ratio	Lower	Upper
62	100		
98	6.2	5.8	8.6

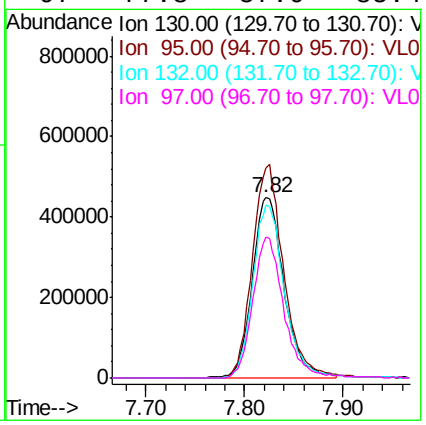


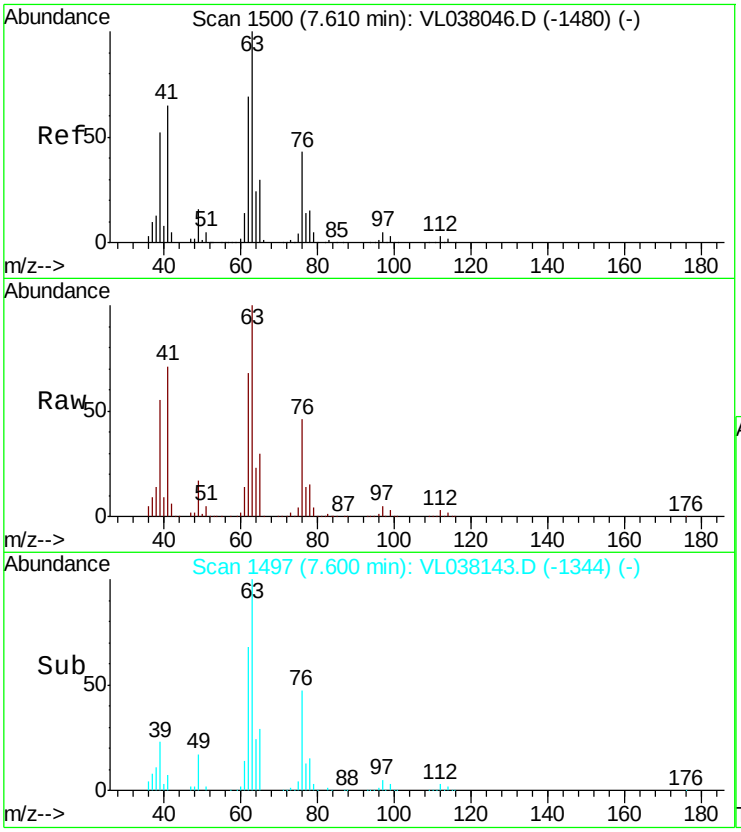


#38
Trichloroethene
Concen: 10.042 ppbv
RT: 7.82 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VL038143.D
Acq: 7 Dec 2021 10:07

Tgt Ion:130 Resp: 997727

Ion	Ratio	Lower	Upper
130	100		
95	116.3	89.4	134.2
132	95.7	78.2	117.2
97	77.8	57.0	85.4



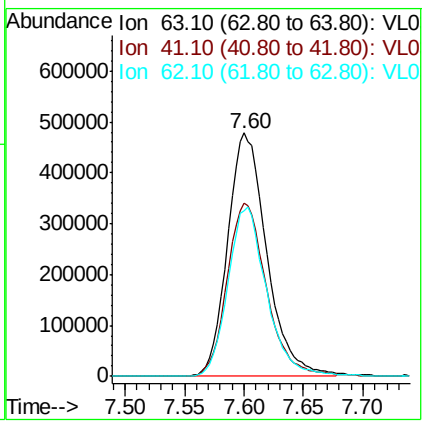


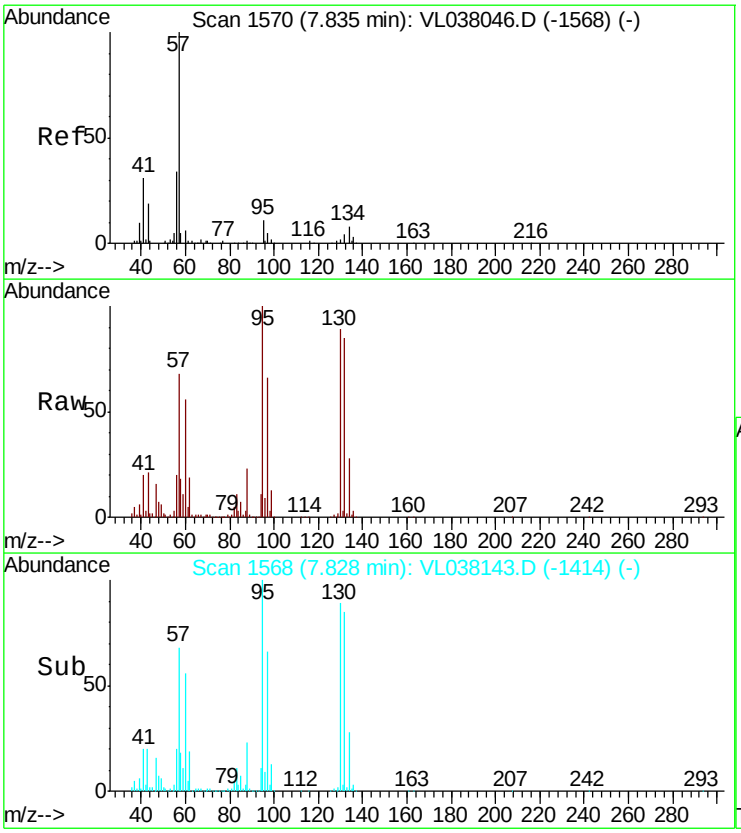
#39
1,2-Dichloropropane
Concen: 10.750 ppbv
RT: 7.60
Delta R.T
Lab File:
Acq: 7 Dec 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 63 Resp: 1086112

Ion	Ratio	Lower	Upper
63	100		
41	70.9	52.3	78.5
62	67.9	55.1	82.7

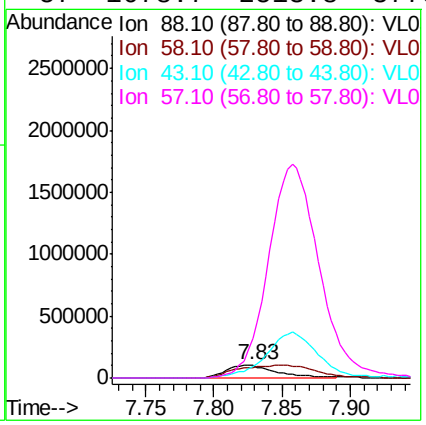


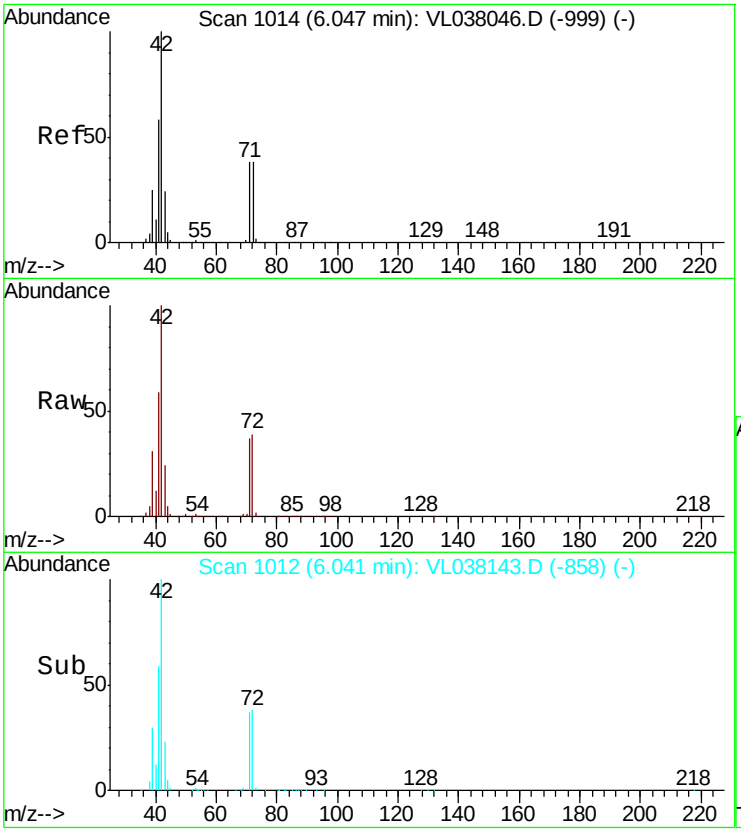


#40
1,4-Dioxane
Concen: 10.180 ppbv
RT: 7.83 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VL038143.D
Acq: 7 Dec 2021 10:07

Tgt Ion: 88 Resp: 267969

Ion	Ratio	Lower	Upper
88	100		
58	157.1	229.2	343.8#
43	376.3	553.3	829.9#
57	1678.7	2513.8	3770.8#



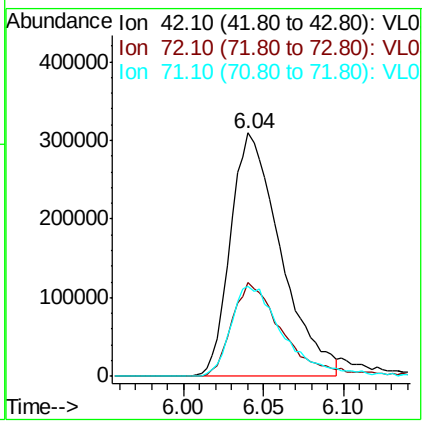


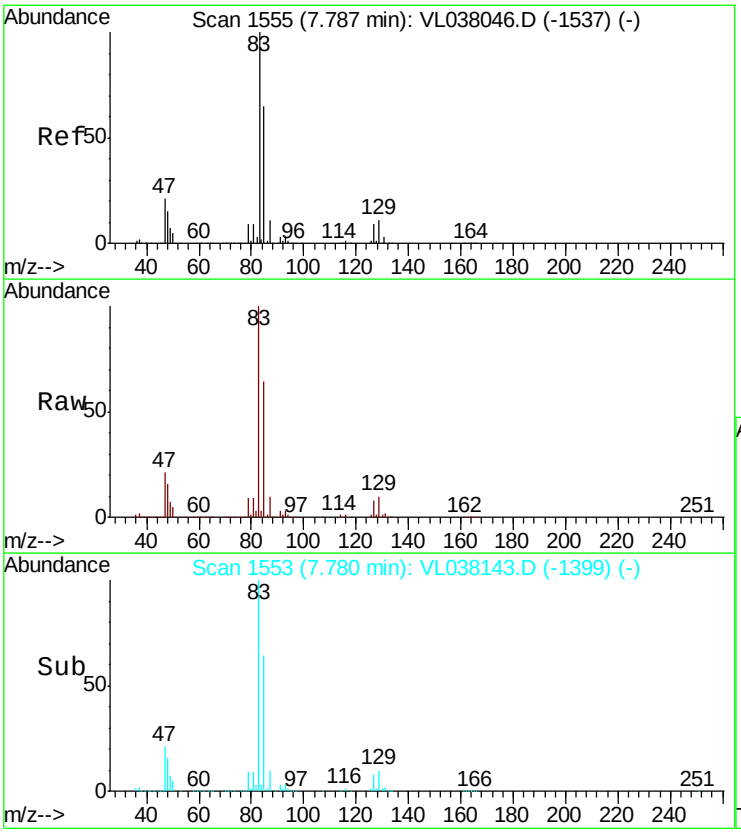
#41
Tetrahydrofuran
Concen: 10.085 ppbv
RT: 6.04
Delta R.T
Lab File:
Acq: 7 Dec 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 666531

Ion	Ratio	Lower	Upper
42	100		
72	39.4	31.7	47.5
71	39.6	30.6	46.0

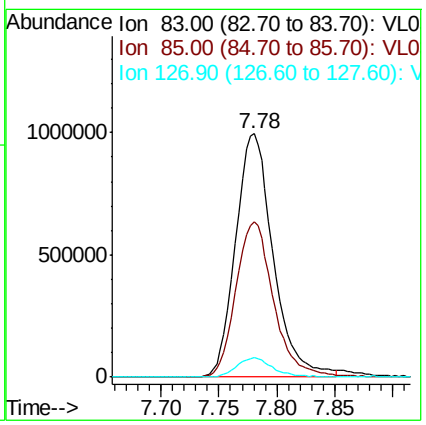


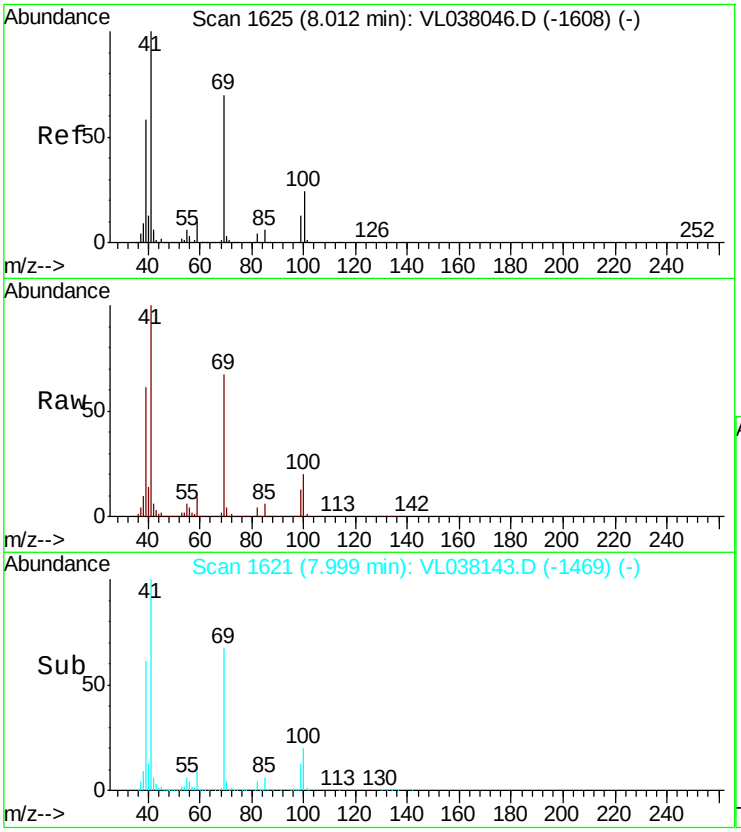


#42
Bromodichloromethane
Concen: 11.623 ppbv
RT: 7.78 min Scan# 1553
Delta R.T. -0.01 min
Lab File: VL038143.D
Acq: 7 Dec 2021 10:07

Tgt Ion: 83 Resp: 2247723

Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.9	77.9
127	8.2	6.8	10.2



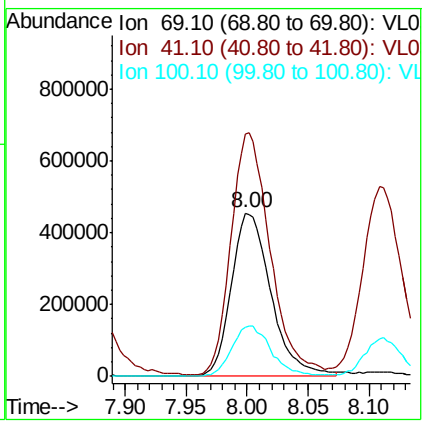


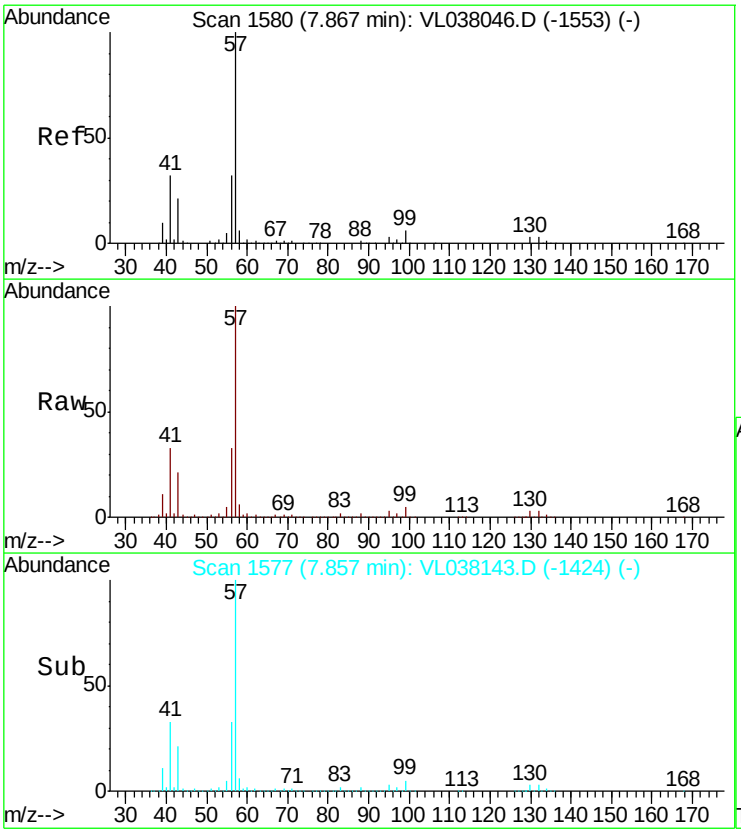
#43
Methyl Methacrylate
Concen: 11.367 ppbv
RT: 8.00
Delta R.T
Lab File:
Acq: 7 Dec 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 1024325

Ion	Ratio	Lower	Upper
69	100		
41	147.8	116.7	175.1
100	31.0	27.3	40.9

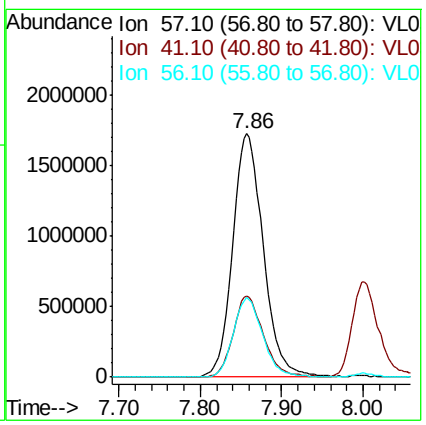


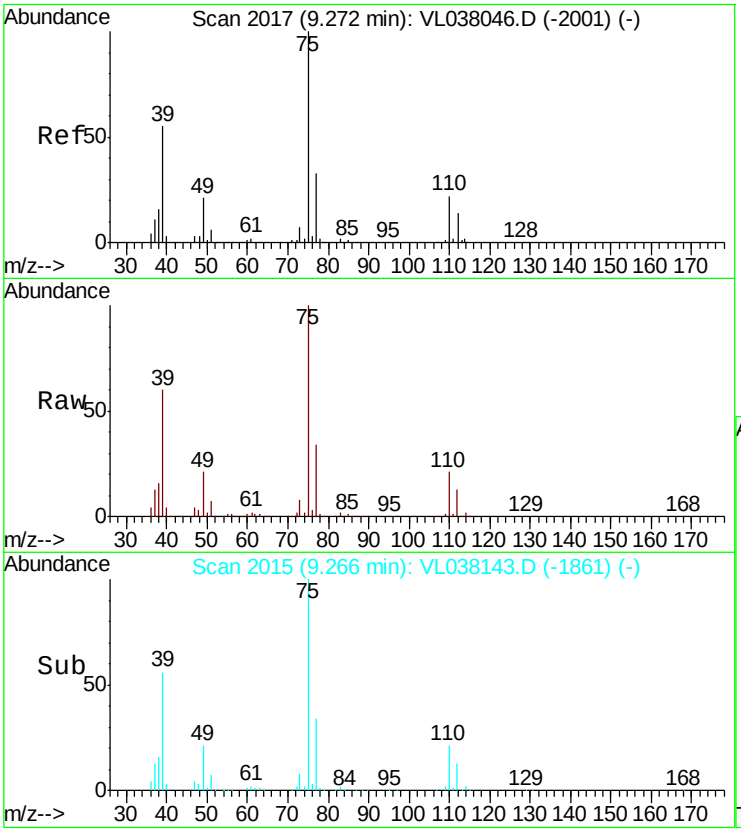


#44
2,2,4-Trimethylpentane
Concen: 10.202 ppbv
RT: 7.86 min Scan# 1577
Delta R.T. -0.01 min
Lab File: VL038143.D
Acq: 7 Dec 2021 10:07

Tgt Ion: 57 Resp: 4495914

Ion	Ratio	Lower	Upper
57	100		
41	33.0	25.8	38.6
56	31.5	25.6	38.4



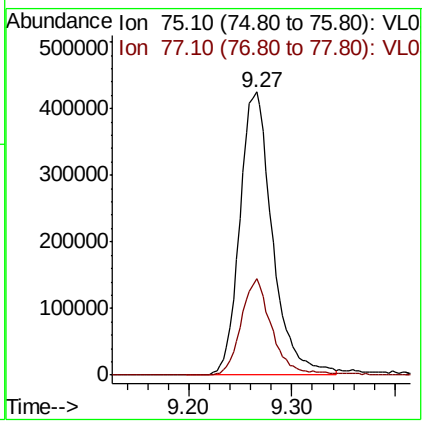


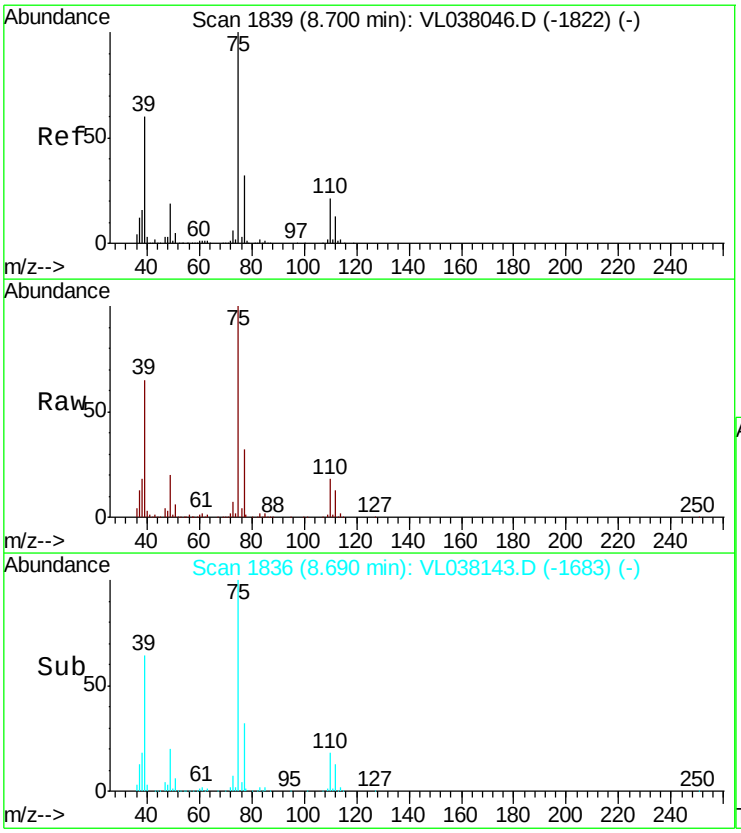
#45
t-1,3-Dichloropropene
Concen: 12.947 ppbv
RT: 9.27
Delta R.T
Lab File:
Acq: 7 Dec 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 935830

Ion	Ratio	Lower	Upper
75	100		
77	34.0	26.2	39.4

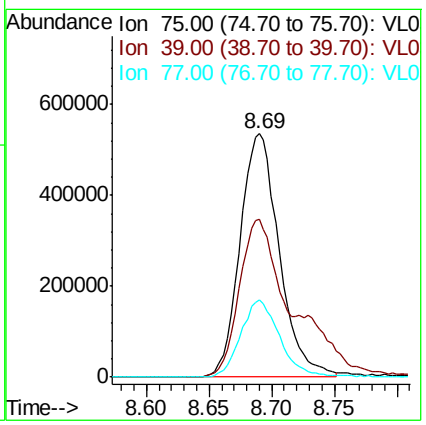


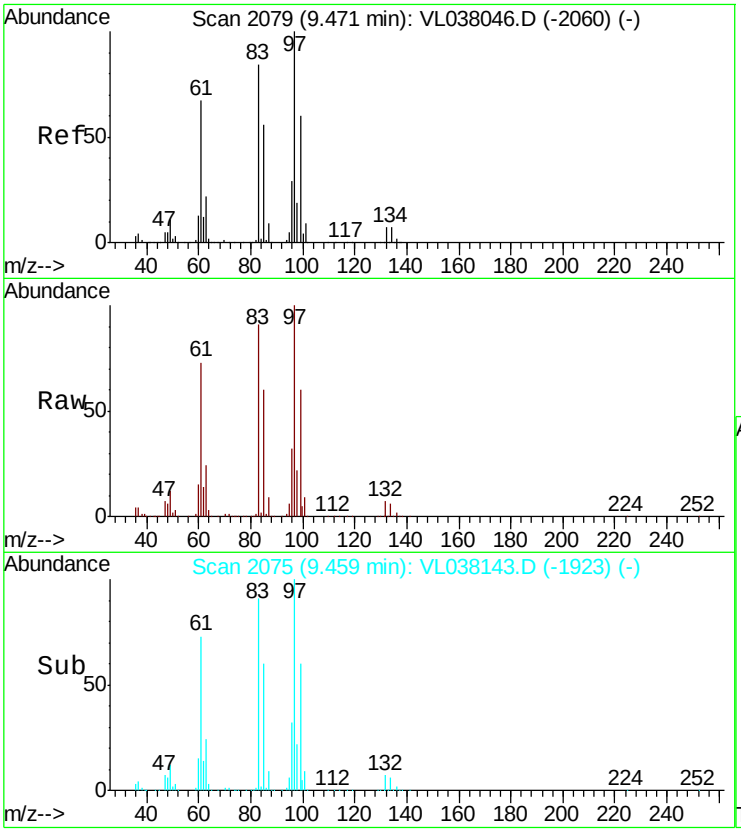


#46
cis-1,3-Dichloropropene
Concen: 11.912 ppbv
RT: 8.69 min Scan# 1836
Delta R.T. -0.01 min
Lab File: VL038143.D
Acq: 7 Dec 2021 10:07

Tgt Ion: 75 Resp: 1164544

Ion	Ratio	Lower	Upper
75	100		
39	65.0	47.8	71.8
77	31.5	25.5	38.3



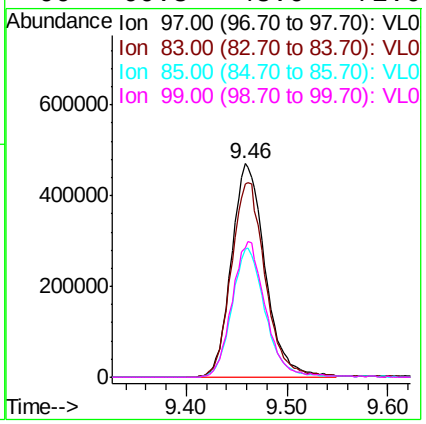


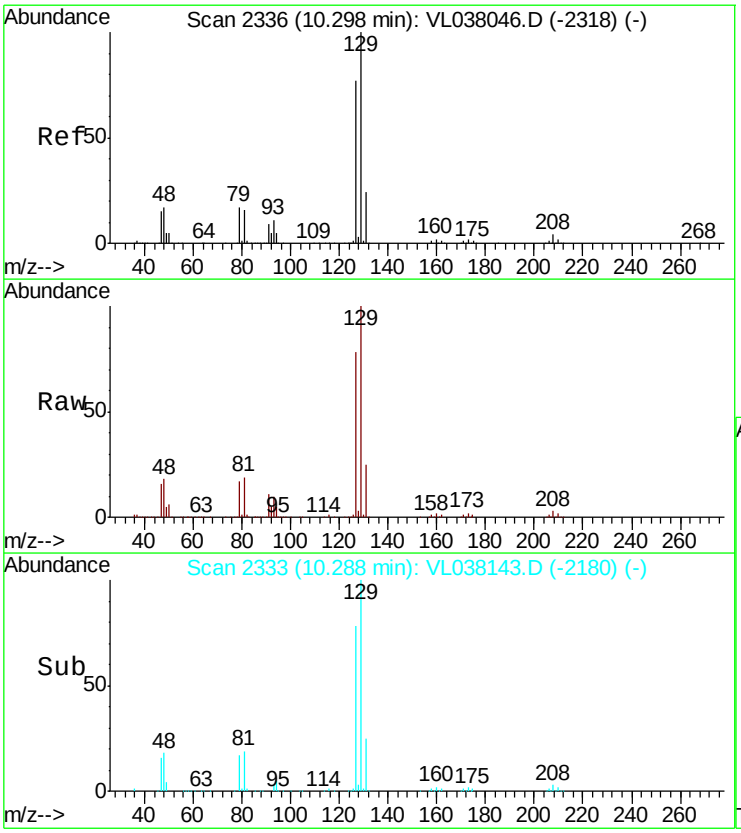
#47
1,1,2-Trichloroethane
Concen: 10.327 ppbv
RT: 9.46
Delta R.T
Lab File:
Acq: 7 Dec 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 97 Resp: 1092723

Ion	Ratio	Lower	Upper
97	100		
83	90.6	66.8	100.2
85	59.7	44.9	67.3
99	60.3	48.0	72.0

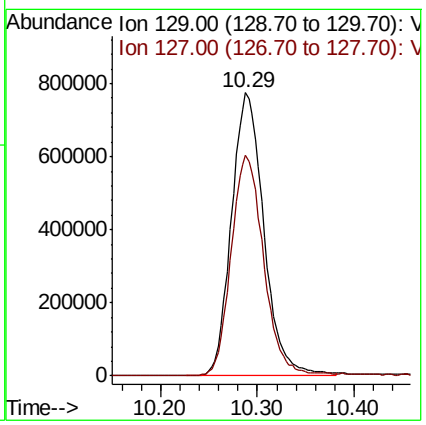


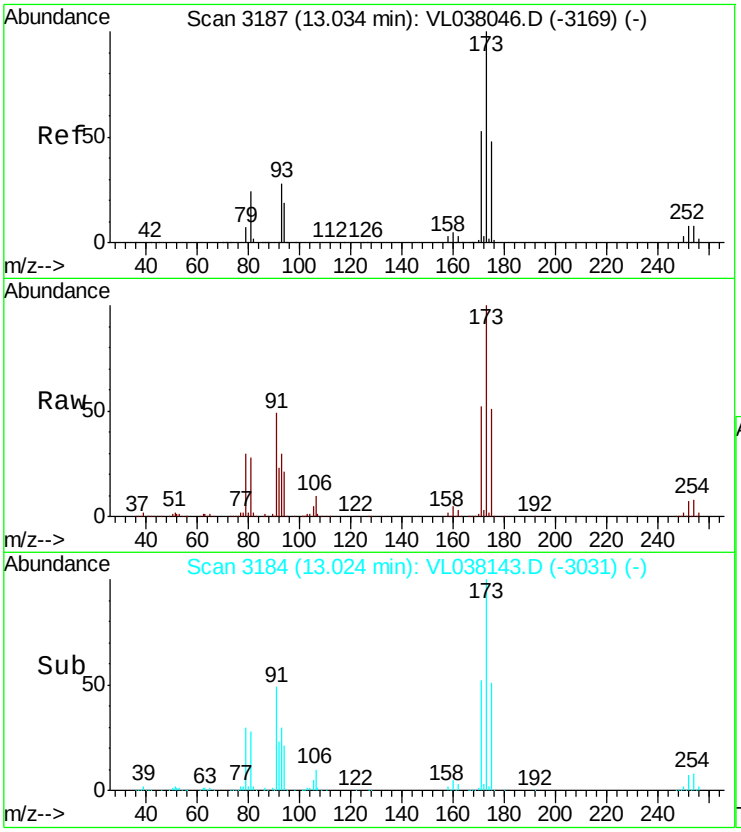


#48
Dibromochloromethane
Concen: 11.198 ppbv
RT: 10.29 min Scan# 2333
Delta R.T. -0.01 min
Lab File: VL038143.D
Acq: 7 Dec 2021 10:07

Tgt Ion:129 Resp: 1804533

Ion	Ratio	Lower	Upper
129	100		
127	79.8	39.4	118.1



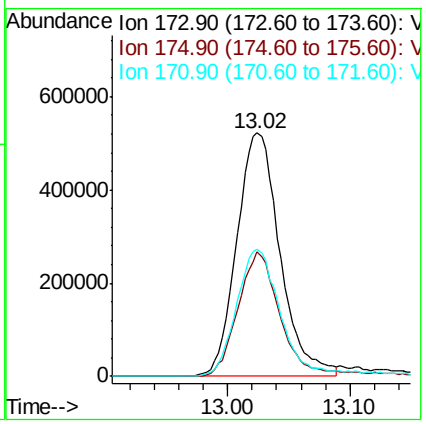


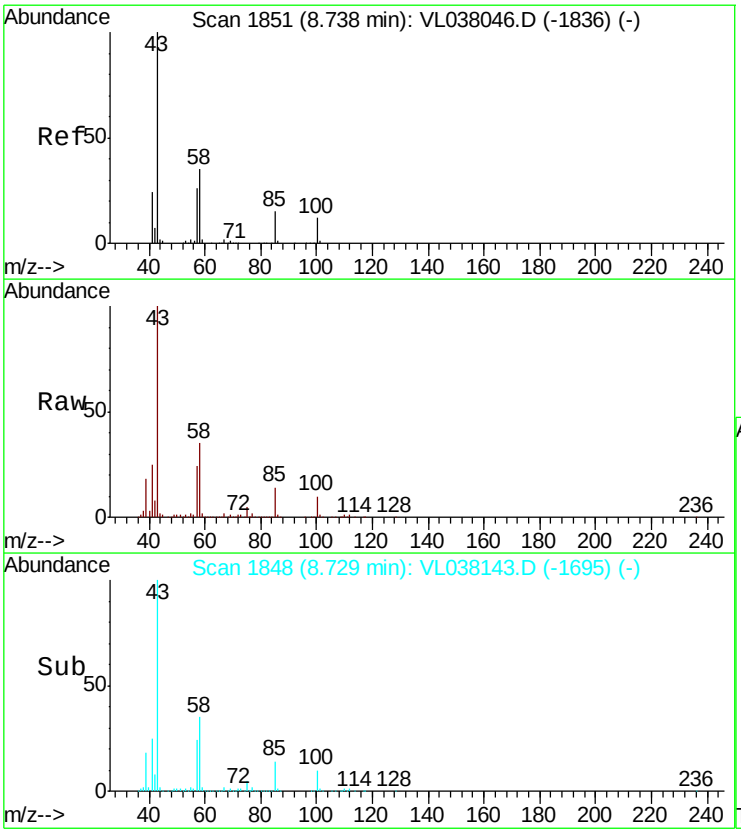
#49
Bromoform
Concen: 11.073 ppbv
RT: 13.02
Delta R.T
Lab File:
Acq: 7 Dec 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 1276583

Ion	Ratio	Lower	Upper
173	100		
175	52.5	42.5	63.7
171	56.1	44.0	66.0

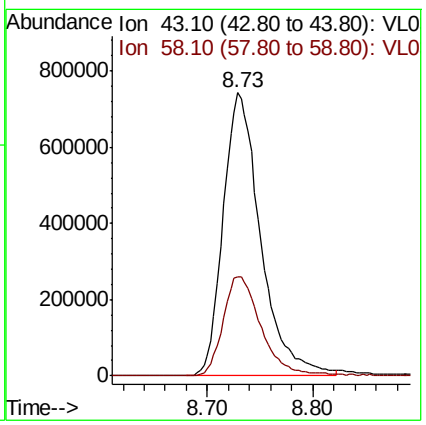


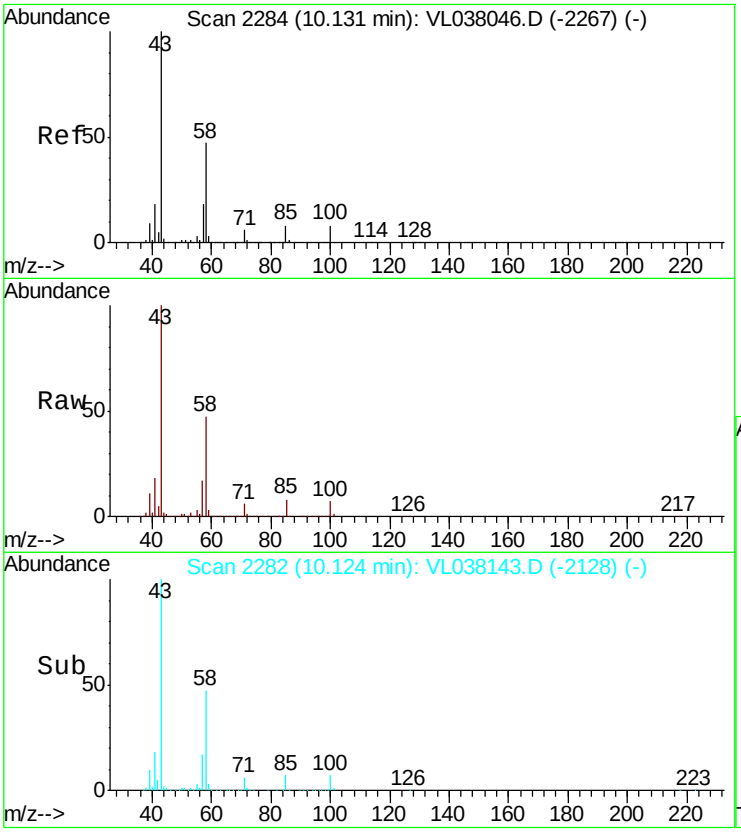


#50
4-Methyl-2-Pentanone
Concen: 11.252 ppbv
RT: 8.73 min Scan# 1848
Delta R.T. -0.01 min
Lab File: VL038143.D
Acq: 7 Dec 2021 10:07

Tgt Ion: 43 Resp: 1819271

Ion	Ratio	Lower	Upper
43	100		
58	36.4	29.4	44.2



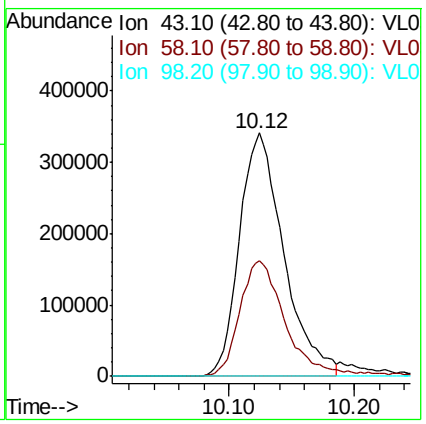


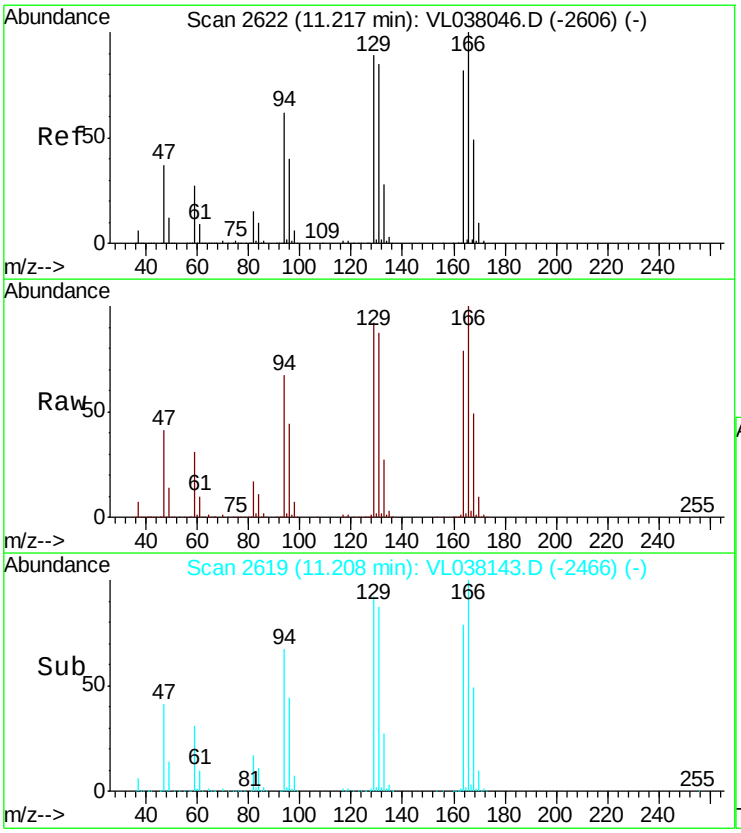
#51
2-Hexanone
Concen: 10.996 ppbv
RT: 10.12
Delta R.T
Lab File:
Acq: 7 Dec 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 836451

Ion	Ratio	Lower	Upper
43	100		
58	49.8	41.1	61.7
98	0.2	0.1	0.1#

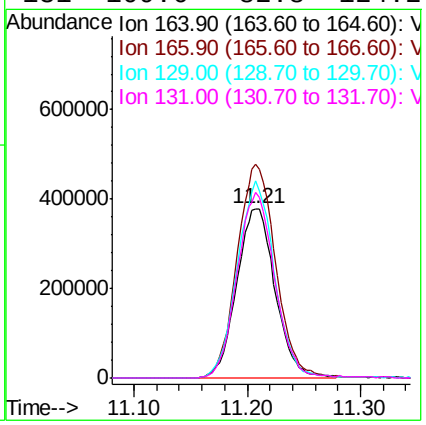


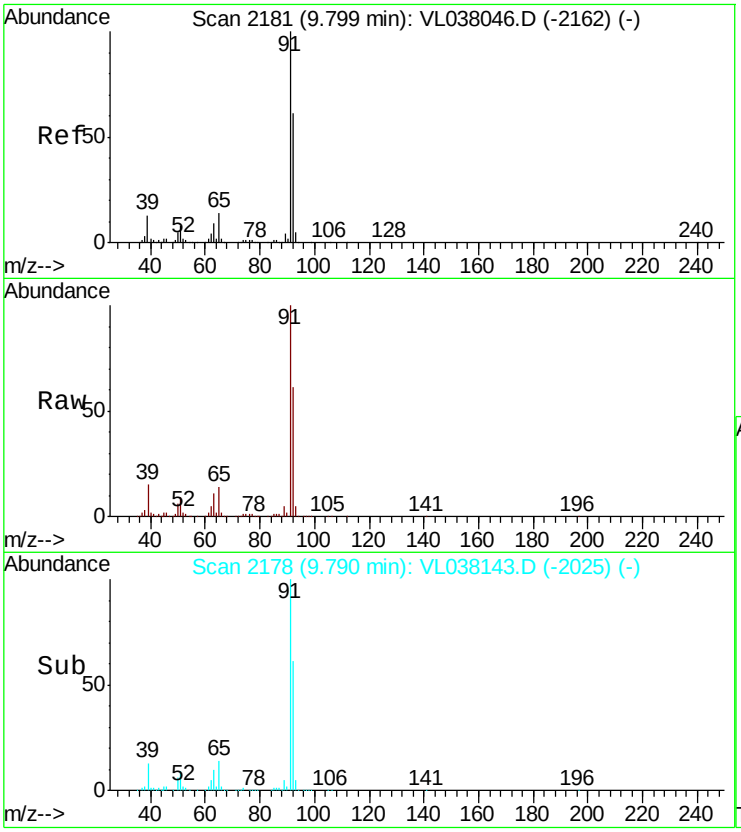


#52
Tetrachloroethene
Concen: 9.158 ppbv
RT: 11.21 min Scan# 2619
Delta R.T. -0.01 min
Lab File: VL038143.D
Acq: 7 Dec 2021 10:07

Tgt Ion:164 Resp: 892480

Ion	Ratio	Lower	Upper
164	100		
166	126.2	97.2	145.8
129	116.3	86.9	130.3
131	109.6	82.8	124.2



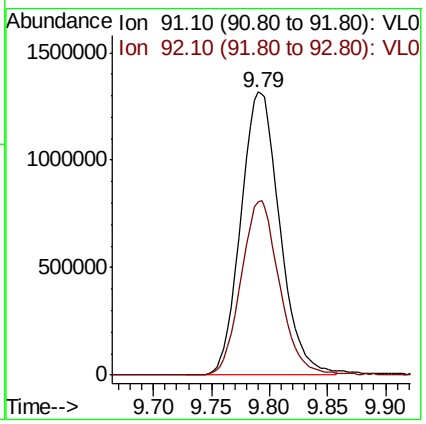


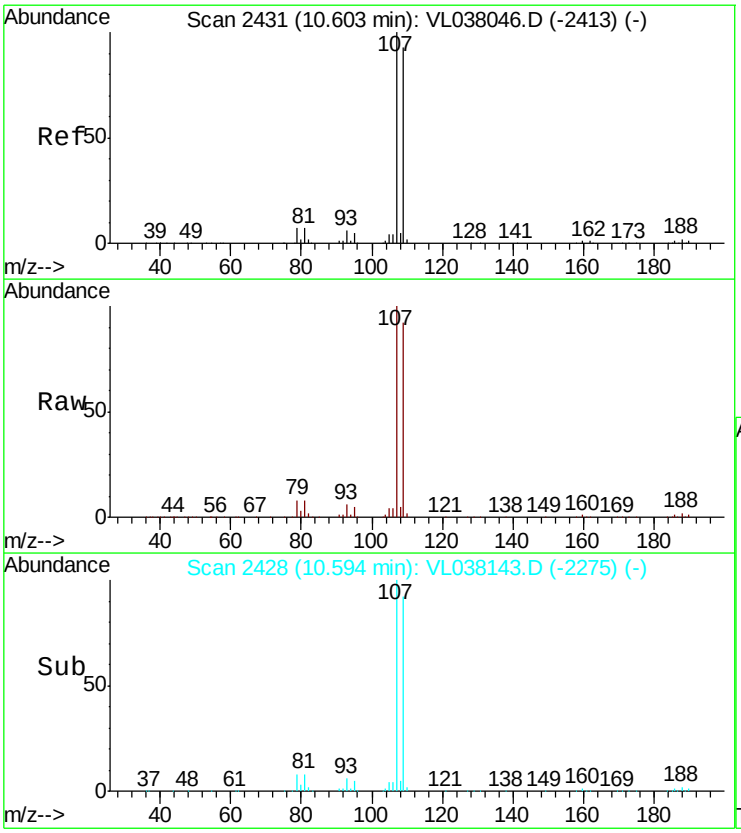
#53
Toluene
Concen: 10.166 ppbv
RT: 9.79
Delta R.T
Lab File:
Acq: 7 Dec 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 3080855

Ion	Ratio	Lower	Upper
91	100		
92	61.3	49.7	74.5

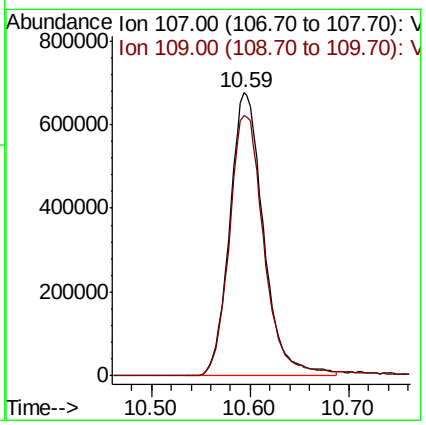


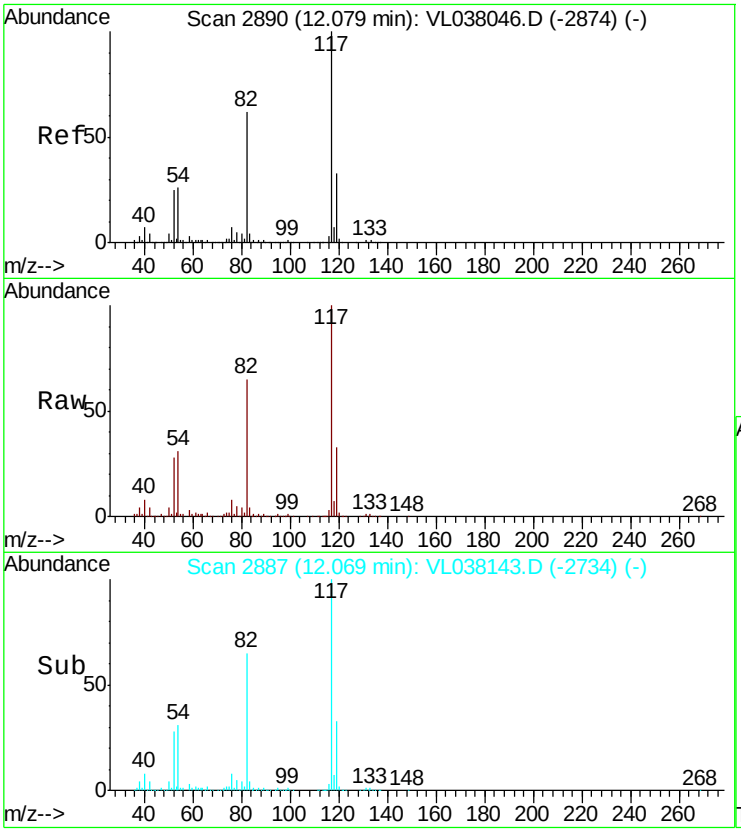


#54
1,2-Dibromoethane
Concen: 10.802 ppbv
RT: 10.59 min Scan# 2428
Delta R.T. -0.01 min
Lab File: VL038143.D
Acq: 7 Dec 2021 10:07

Tgt Ion:107 Resp: 1614534

Ion	Ratio	Lower	Upper
107	100		
109	91.8	74.6	111.8



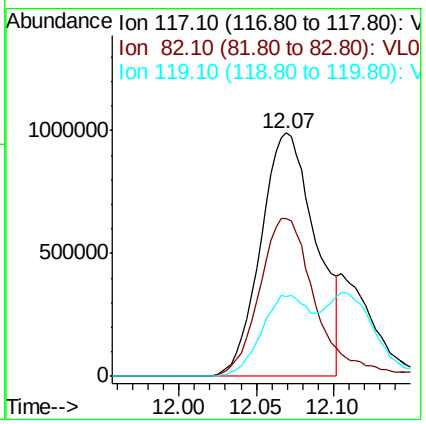


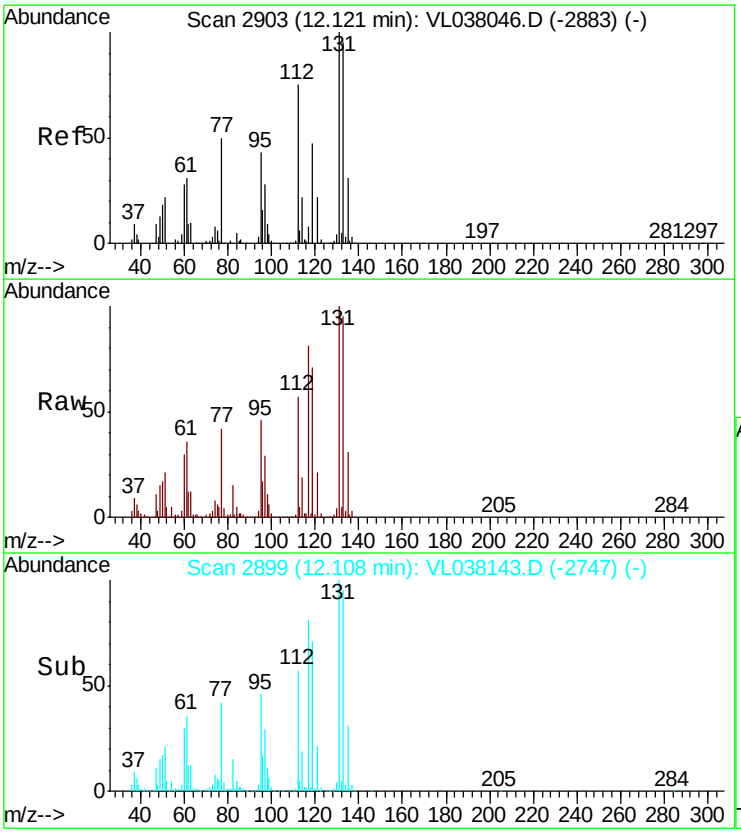
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07
Delta R.T
Lab File:
Acq: 7 Dec 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 2456286

Ion	Ratio	Lower	Upper
117	100		
82	67.4	52.8	79.2
119	29.7	26.8	40.2

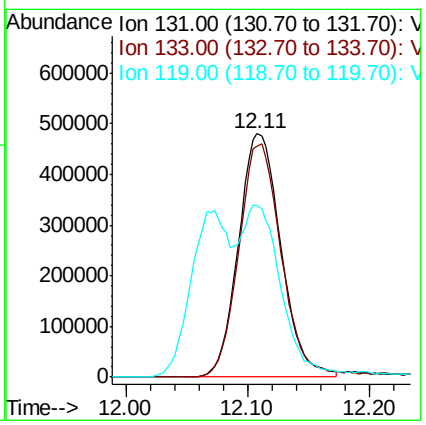


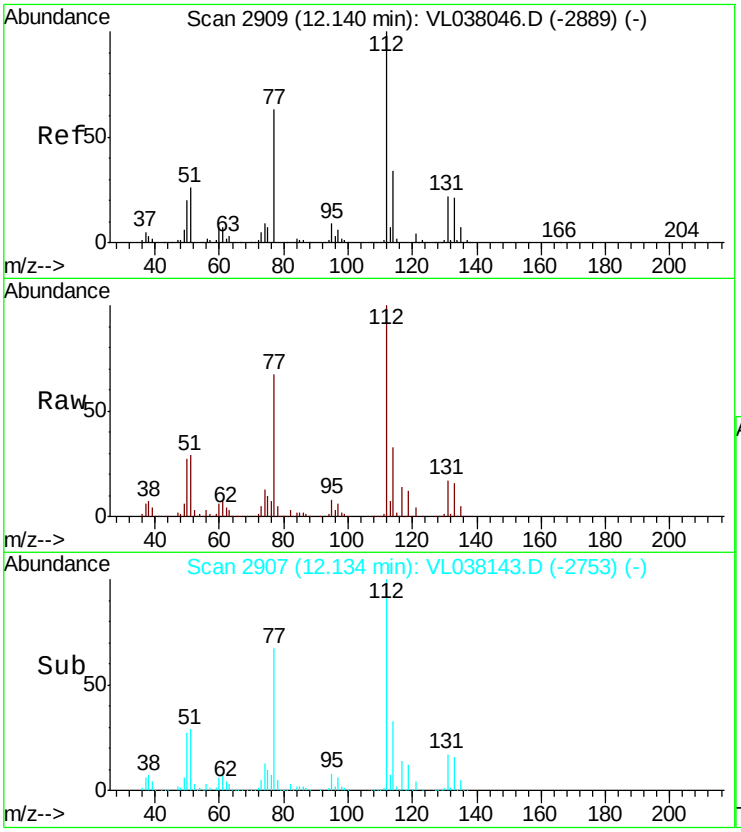


#56
1,1,1,2-Tetrachloroethane
Concen: 10.350 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.01 min
Lab File: VL038143.D
Acq: 7 Dec 2021 10:07

Tgt Ion:131 Resp: 1154091

Ion	Ratio	Lower	Upper
131	100		
133	96.7	78.8	118.2
119	74.5	56.3	84.5



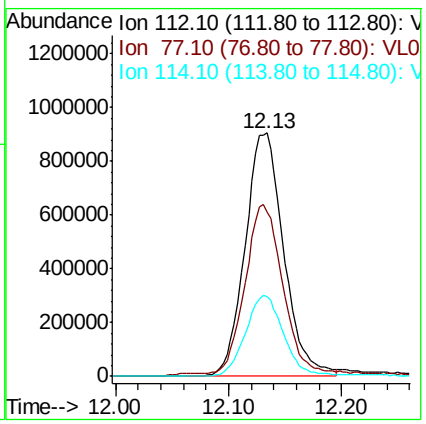


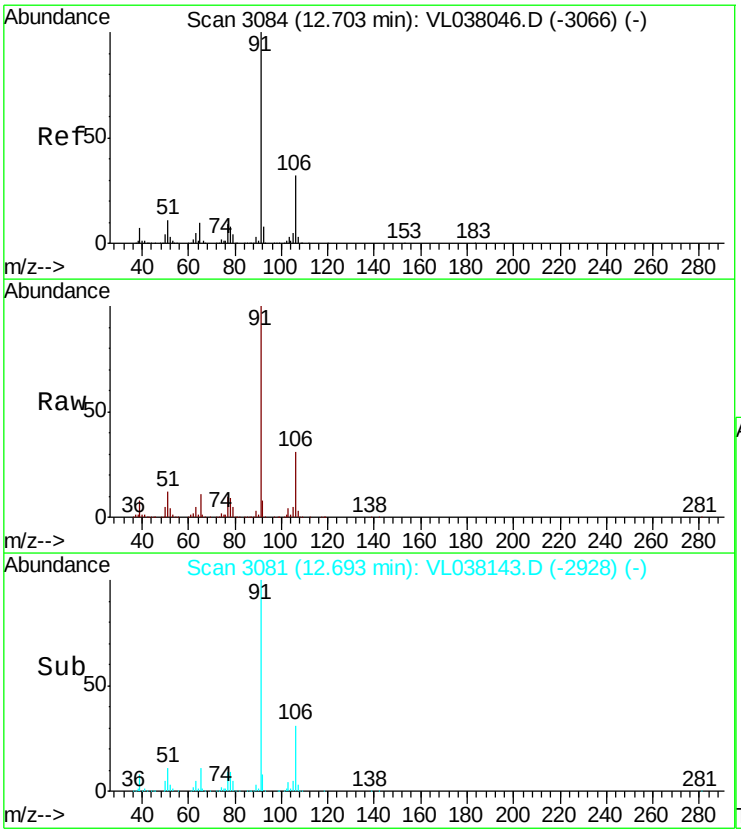
#57
Chlorobenzene
Concen: 9.757 ppbv
RT: 12.13
Delta R.T
Lab File:
Acq: 7 Dec 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 2148005

Ion	Ratio	Lower	Upper
112	100		
77	66.3	50.3	75.5
114	32.8	30.7	37.5

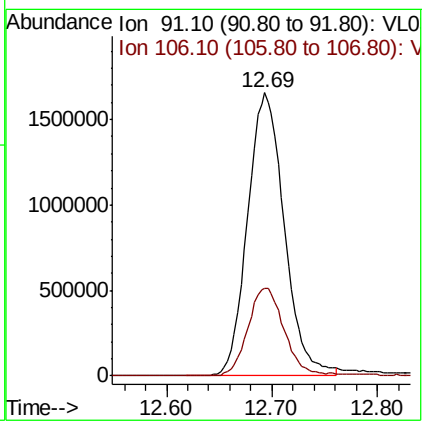


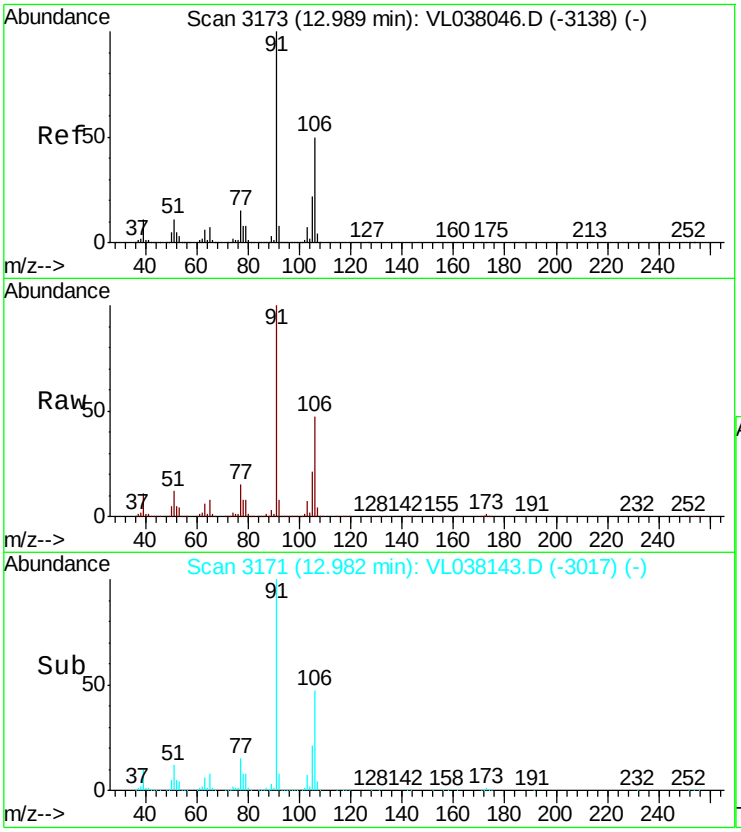


#58
Ethyl Benzene
Concen: 9.908 ppbv
RT: 12.69 min Scan# 3081
Delta R.T. -0.01 min
Lab File: VL038143.D
Acq: 7 Dec 2021 10:07

Tgt Ion: 91 Resp: 4022273

Ion	Ratio	Lower	Upper
91	100		
106	31.0	25.8	38.6



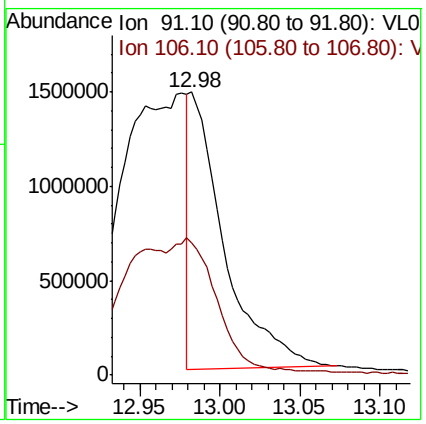


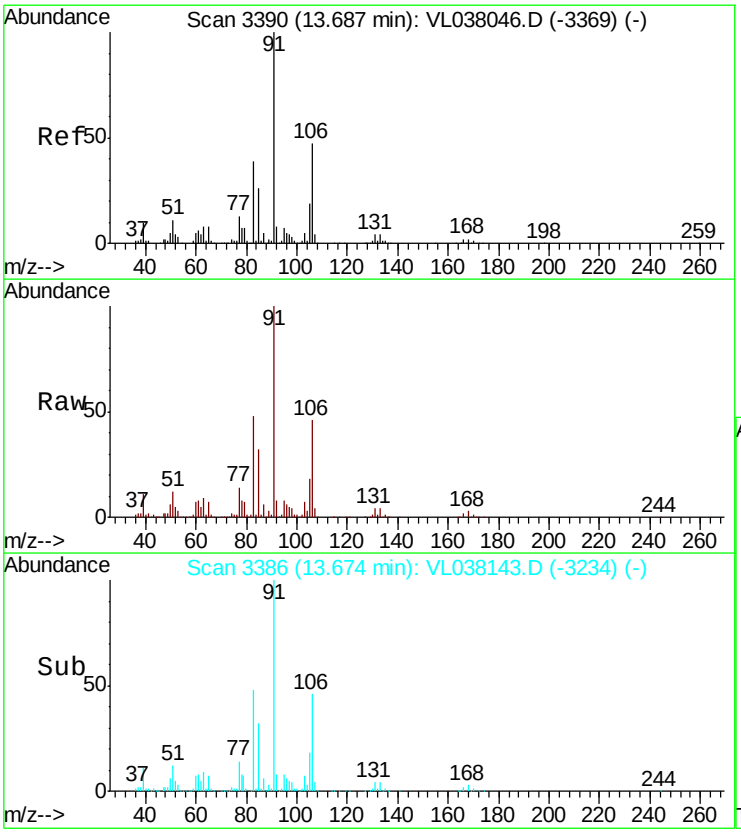
#59
m/p-Xylene
Concen: 6.429 ppbv
RT: 12.98
Delta R.T
Lab File:
Acq: 7 Dec 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2197287

Ion	Ratio	Lower	Upper
91	100		
106	136.7	38.1	57.1#

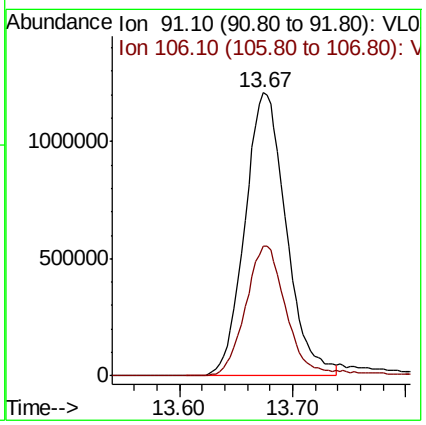


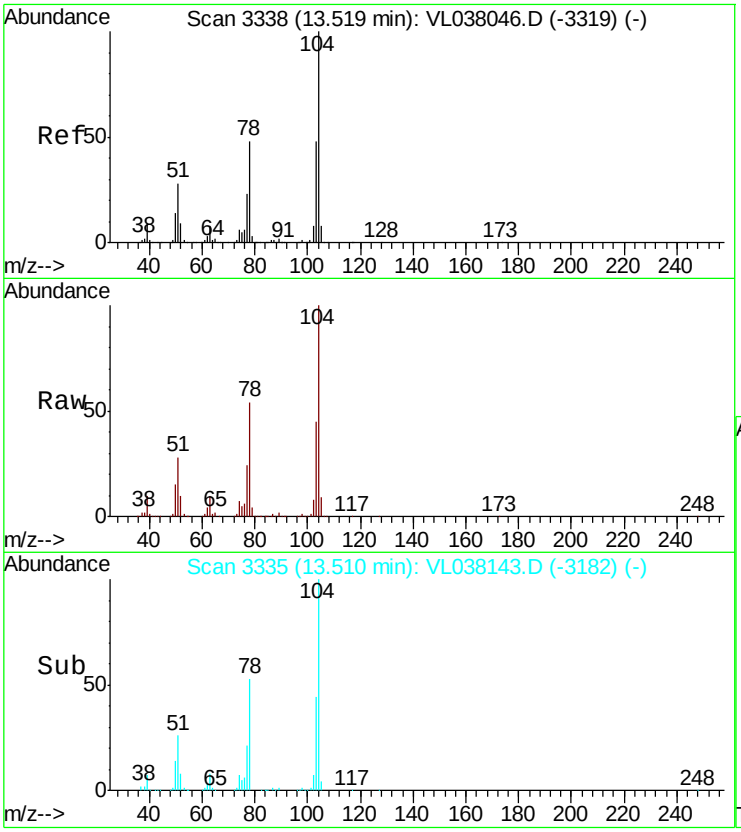


#60
o-Xylene
Concen: 9.643 ppbv
RT: 13.67 min Scan# 3386
Delta R.T. -0.01 min
Lab File: VL038143.D
Acq: 7 Dec 2021 10:07

Tgt Ion: 91 Resp: 3057214

Ion	Ratio	Lower	Upper
91	100		
106	46.6	24.2	72.6



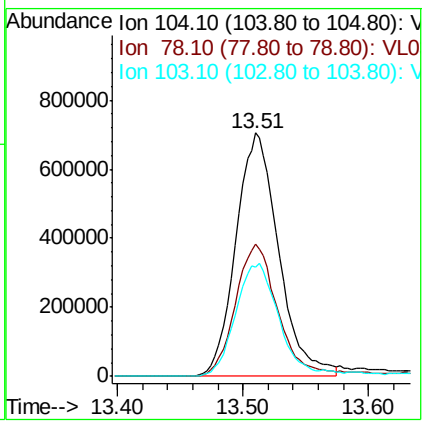


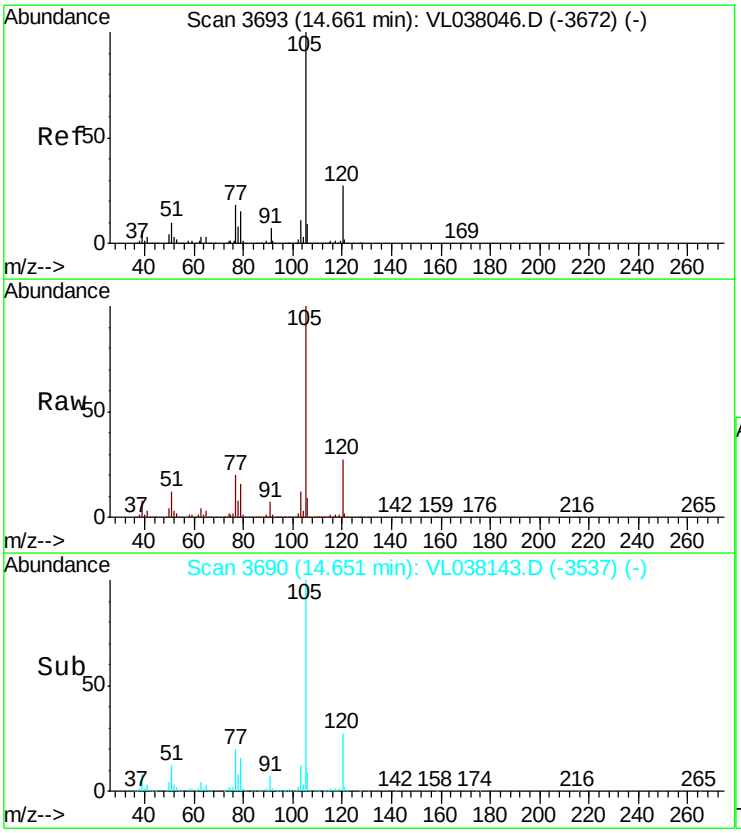
#61
Stvrene
Concen: 9.834 ppbv
RT: 13.51
Delta R.T
Lab File:
Acq: 7 Dec 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 1671569

Ion	Ratio	Lower	Upper
104	100		
78	55.0	39.8	59.6
103	48.4	38.2	57.2

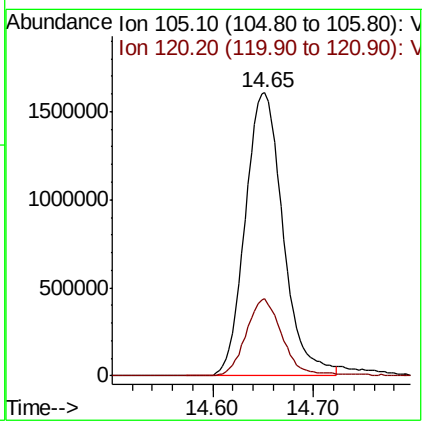


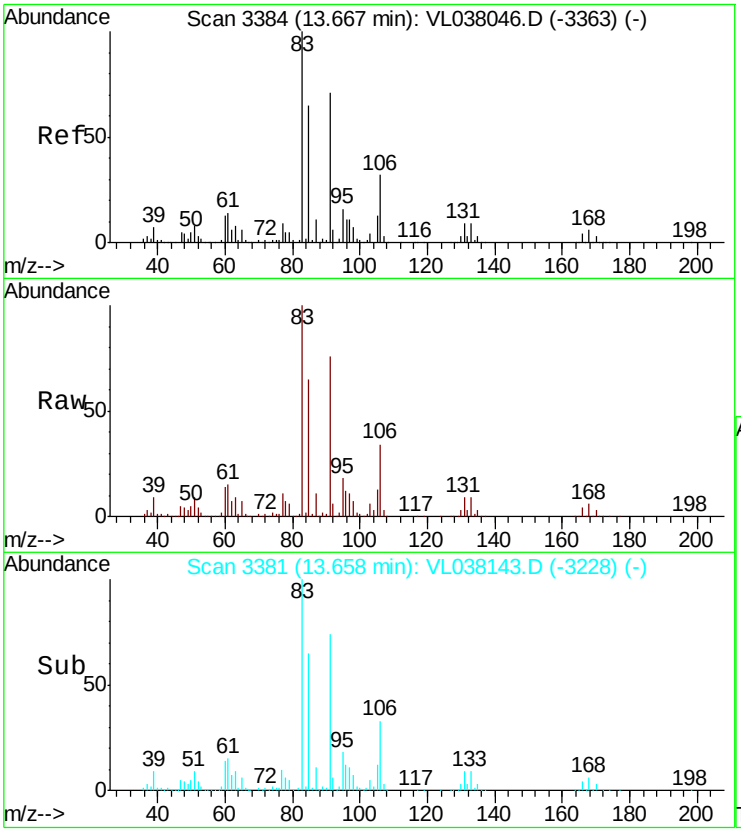


#62
Isopropylbenzene
Concen: 9.284 ppbv
RT: 14.65 min Scan# 3690
Delta R.T. -0.01 min
Lab File: VL038143.D
Acq: 7 Dec 2021 10:07

Tgt Ion:105 Resp: 4177959

Ion	Ratio	Lower	Upper
105	100		
120	26.7	21.8	32.6



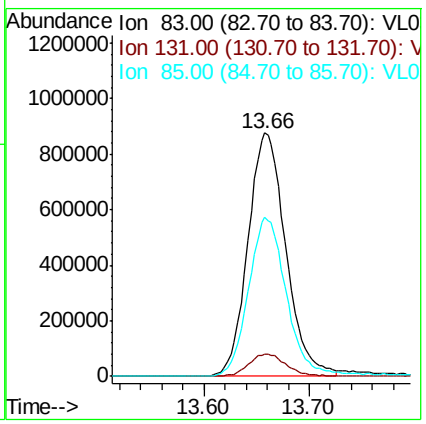


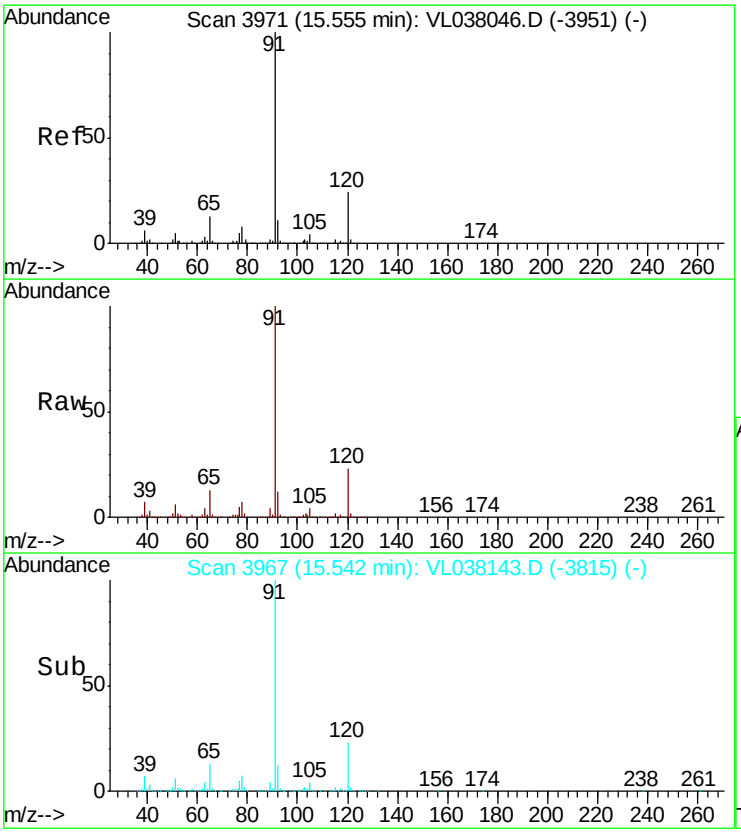
#63
1,1,2,2-Tetrachloroethane
Concen: 9.302 ppbv
RT: 13.66
Delta R.T
Lab File:
Acq: 7 Dec 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 2190472

Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.9	14.7
85	67.0	33.4	100.1

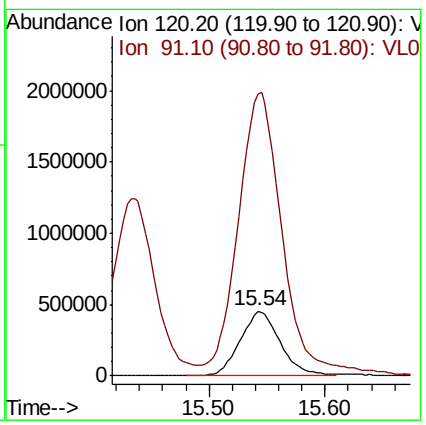


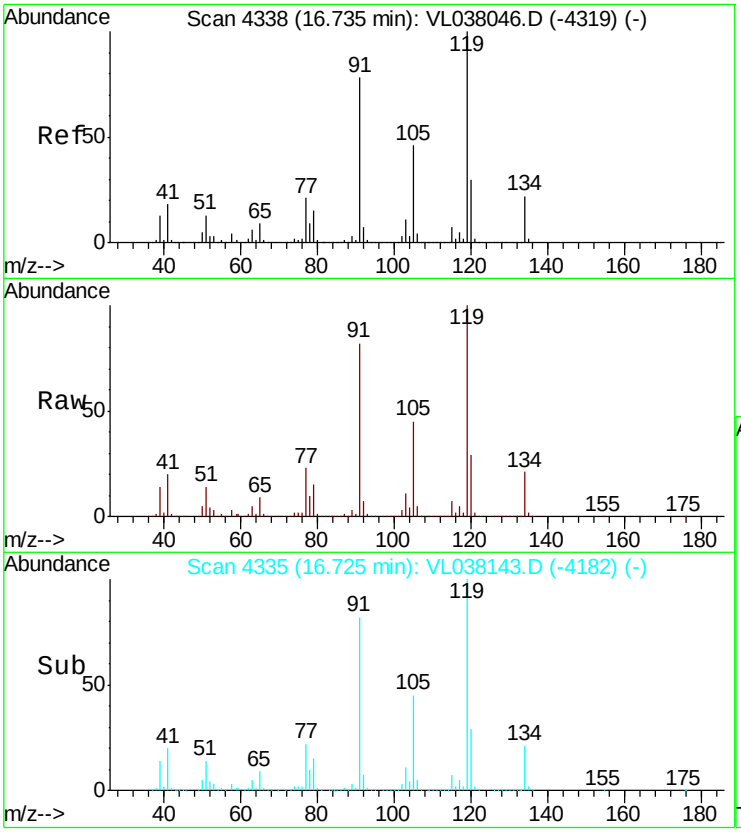


#64
n-propylbenzene
Concen: 9.514 ppbv
RT: 15.54 min Scan# 3967
Delta R.T. -0.01 min
Lab File: VL038143.D
Acq: 7 Dec 2021 10:07

Tgt Ion:120 Resp: 1090748

Ion	Ratio	Lower	Upper
120	100		
91	484.5	371.7	557.5



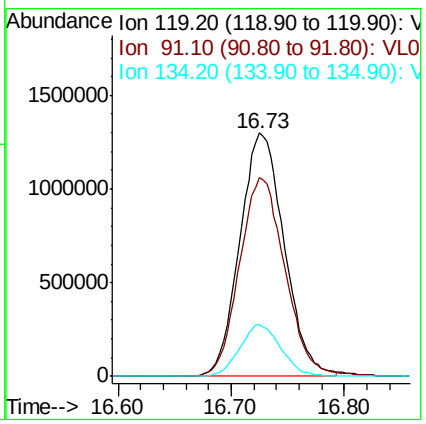


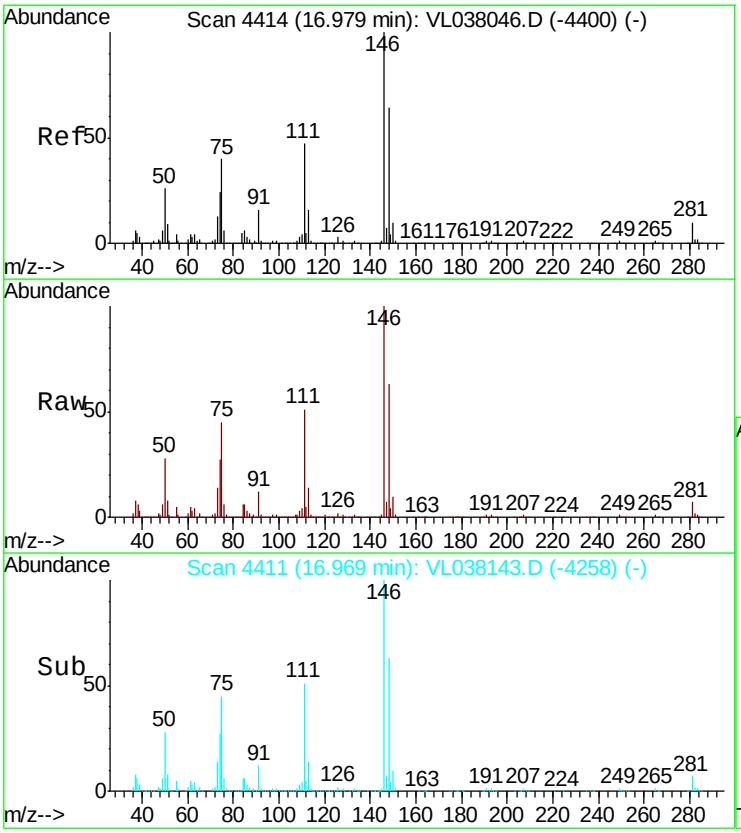
#65
tert-Butylbenzene
Concen: 8.937 ppbv
RT: 16.73
Delta R.T
Lab File:
Acq: 7 Dec 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 3543314

Ion	Ratio	Lower	Upper
119	100		
91	83.8	63.2	94.8
134	19.9	16.1	24.1

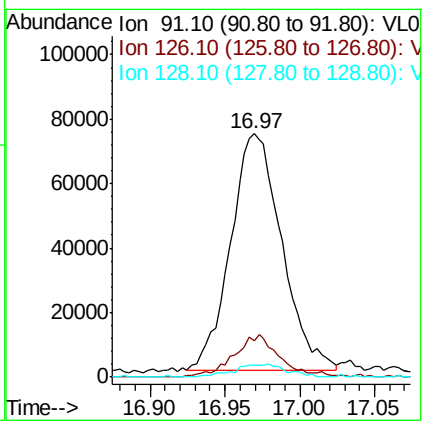


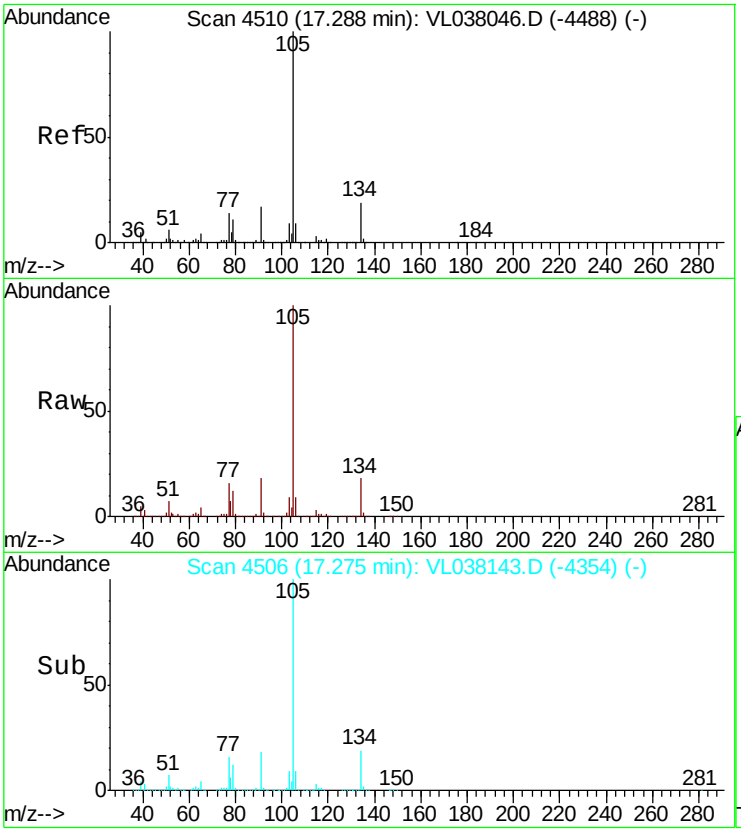


#66
Benzyl Chloride
Concen: 8.747 ppbv
RT: 16.97 min Scan# 4411
Delta R.T. -0.01 min
Lab File: VL038143.D
Acq: 7 Dec 2021 10:07

Tgt Ion: 91 Resp: 175751

Ion	Ratio	Lower	Upper
91	100		
126	16.4	15.5	23.3
128	5.8	5.6	8.4



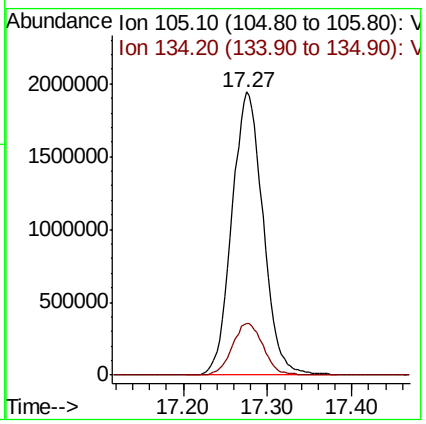


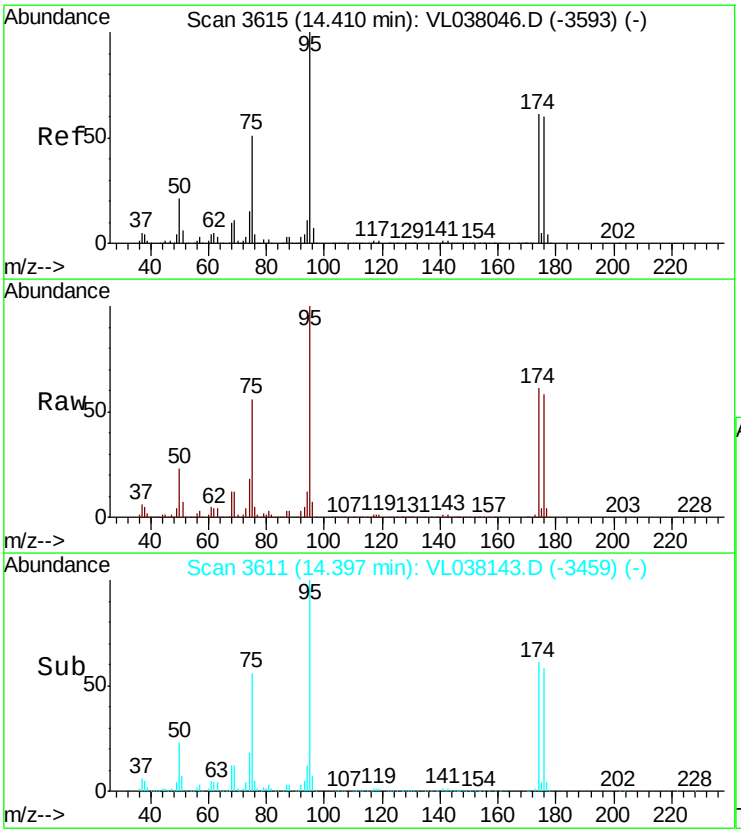
#67
sec-Butylbenzene
Concen: 9.044 ppbv
RT: 17.27
Delta R.T
Lab File:
Acq: 7 Dec 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 4996117

Ion	Ratio	Lower	Upper
105	100		
134	18.2	14.7	22.1

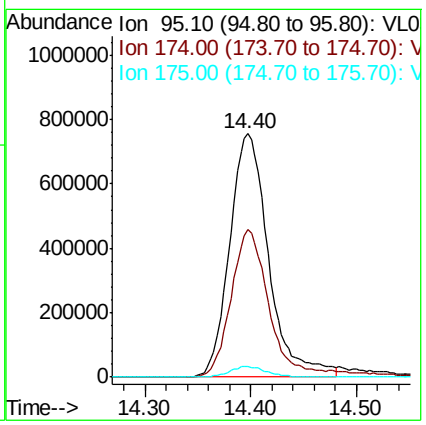


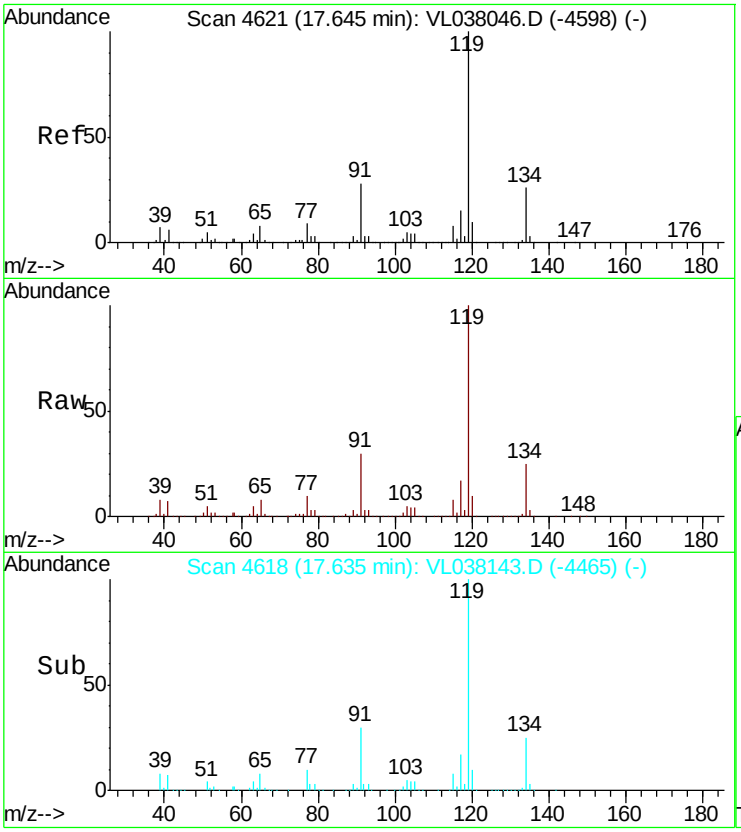


#68
1-Bromo-4-Fluorobenzene
Concen: 10.931 ppbv
RT: 14.40 min Scan# 3611
Delta R.T. -0.01 min
Lab File: VL038143.D
Acq: 7 Dec 2021 10:07

Tgt Ion: 95 Resp: 1936660

Ion	Ratio	Lower	Upper
95	100		
174	61.7	53.1	79.7
175	4.5	4.0	6.0



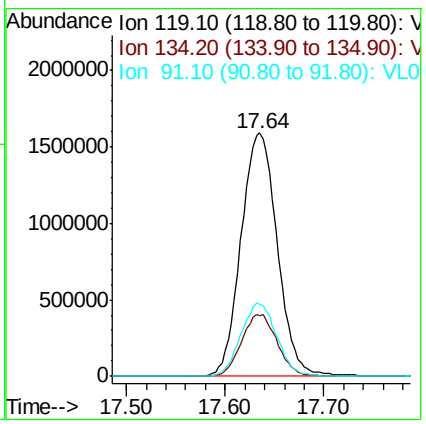


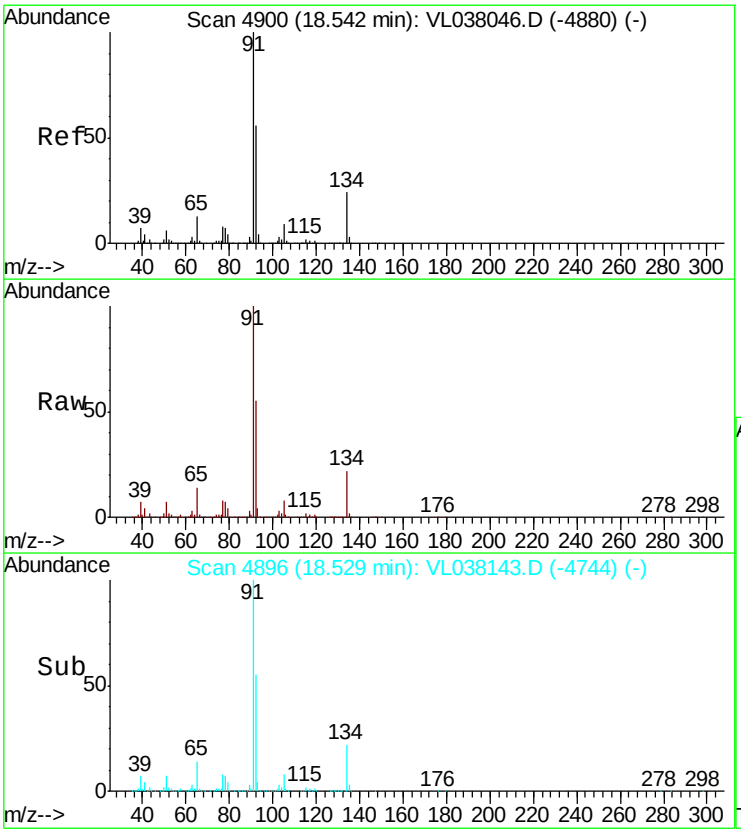
#69
p-Isopropyltoluene
Concen: 9.332 ppbv
RT: 17.64
Delta R.T
Lab File:
Acq: 7 Dec 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 4032609

Ion	Ratio	Lower	Upper
119	100		
134	25.3	20.6	30.8
91	29.8	22.2	33.4

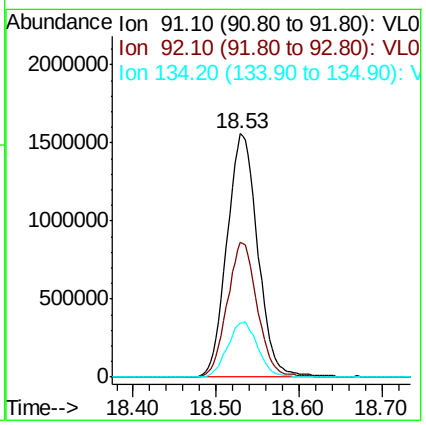


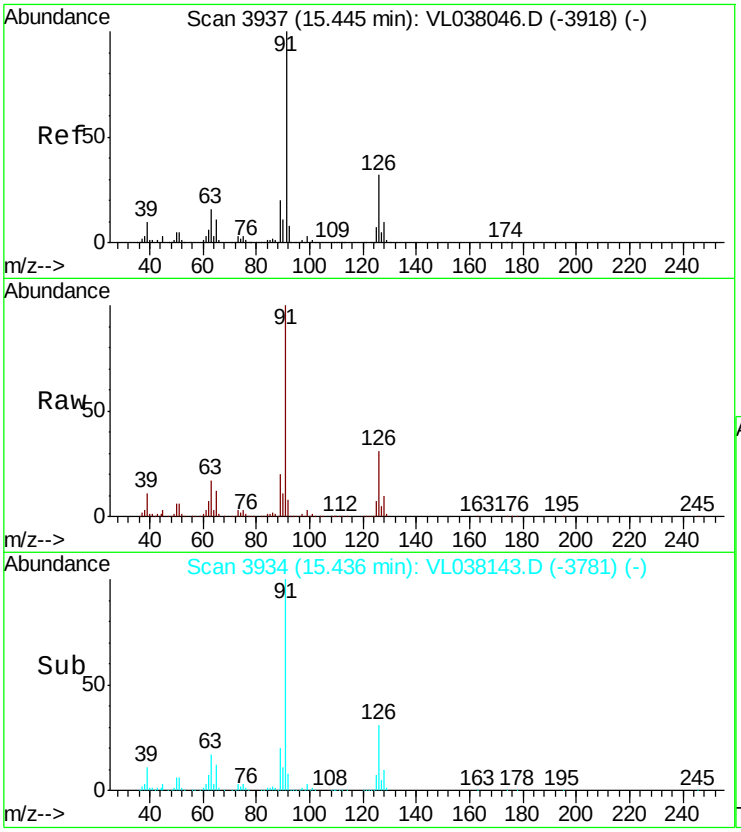


#70
n-Butylbenzene
Concen: 9.746 ppbv
RT: 18.53 min Scan# 4896
Delta R.T. -0.01 min
Lab File: VL038143.D
Acq: 7 Dec 2021 10:07

Tgt Ion: 91 Resp: 4027018

Ion	Ratio	Lower	Upper
91	100		
92	54.3	44.1	66.1
134	22.5	18.9	28.3



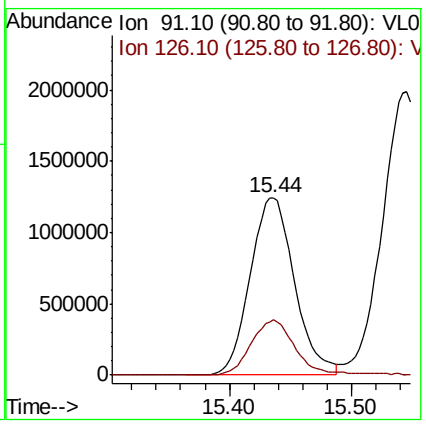


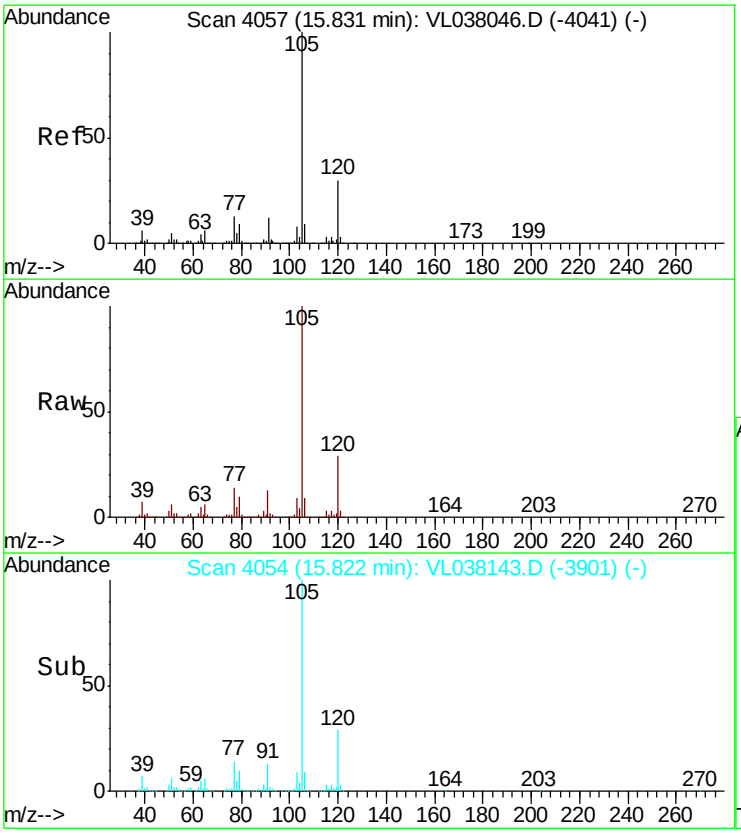
#71
2-Chlorotoluene
Concen: 9.550 ppbv
RT: 15.44
Delta R.T
Lab File:
Acq: 7 Dec 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 3142017

Ion	Ratio	Lower	Upper
91	100		
126	31.8	13.1	52.3

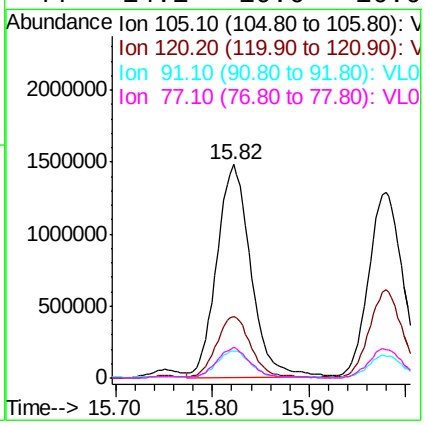


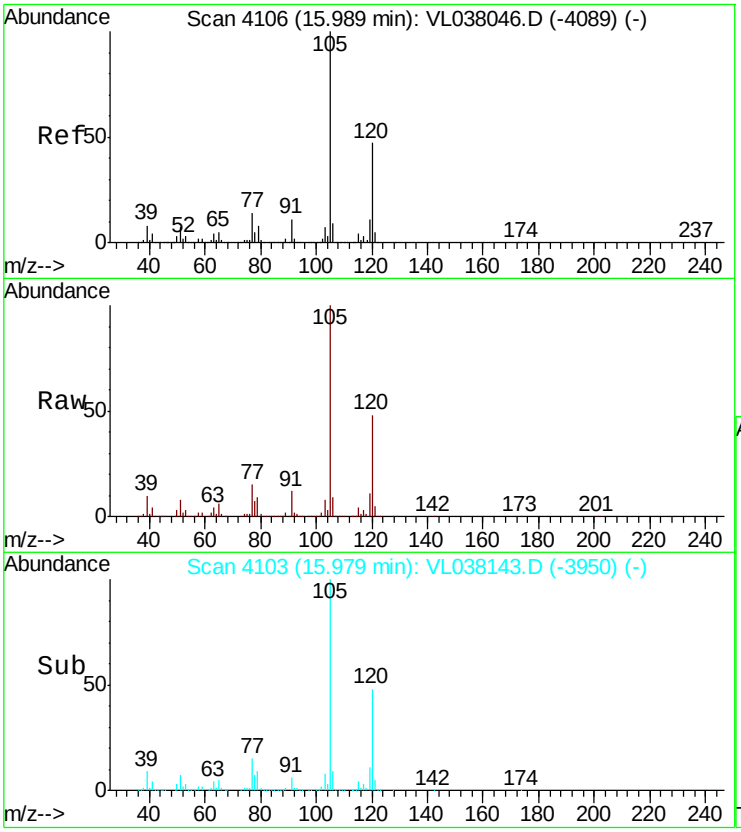


#72
4-Ethyltoluene
Concen: 9.936 ppbv
RT: 15.82 min Scan# 4054
Delta R.T. -0.01 min
Lab File: VL038143.D
Acq: 7 Dec 2021 10:07

Tgt Ion:105 Resp: 3652064

Ion	Ratio	Lower	Upper
105	100		
120	29.5	25.1	37.7
91	12.6	9.7	14.5
77	14.1	10.6	16.0



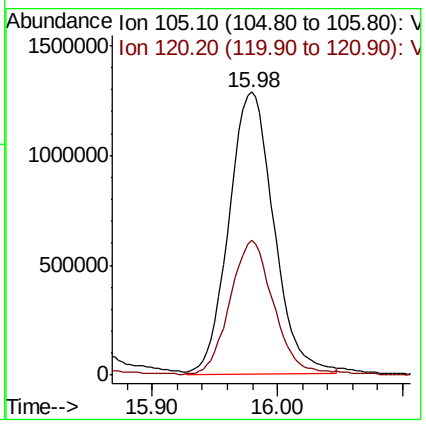


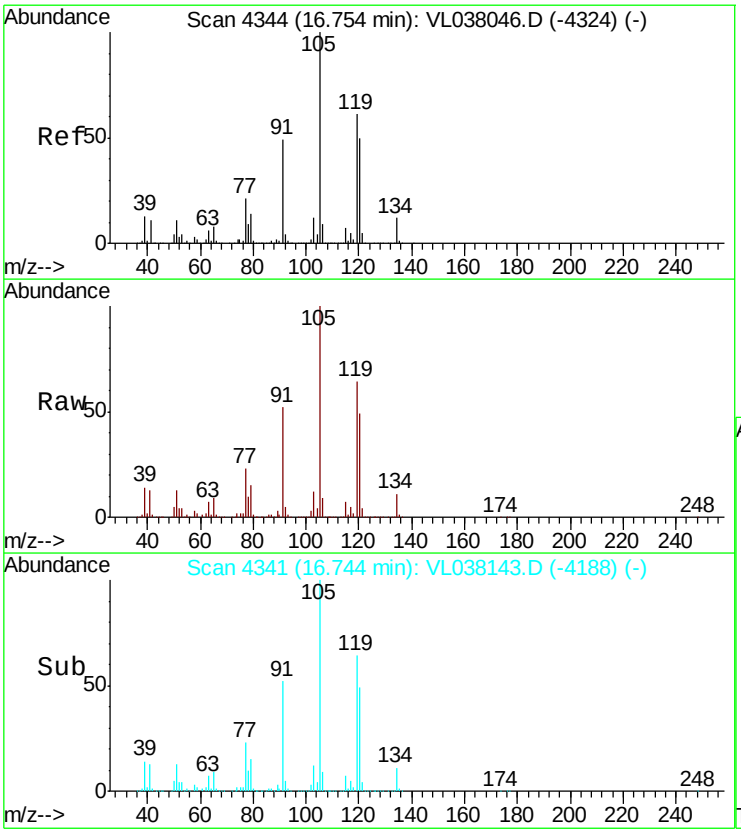
#73
1,3,5-Trimethylbenzene
Concen: 9.504 ppbv
RT: 15.98
Delta R.T
Lab File:
Acq: 7 Dec 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 3190781

Ion	Ratio	Lower	Upper
105	100		
120	47.7	37.8	56.6

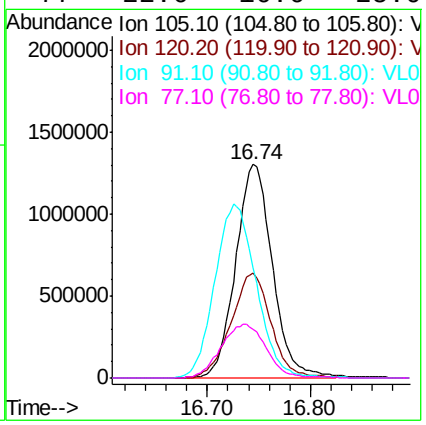


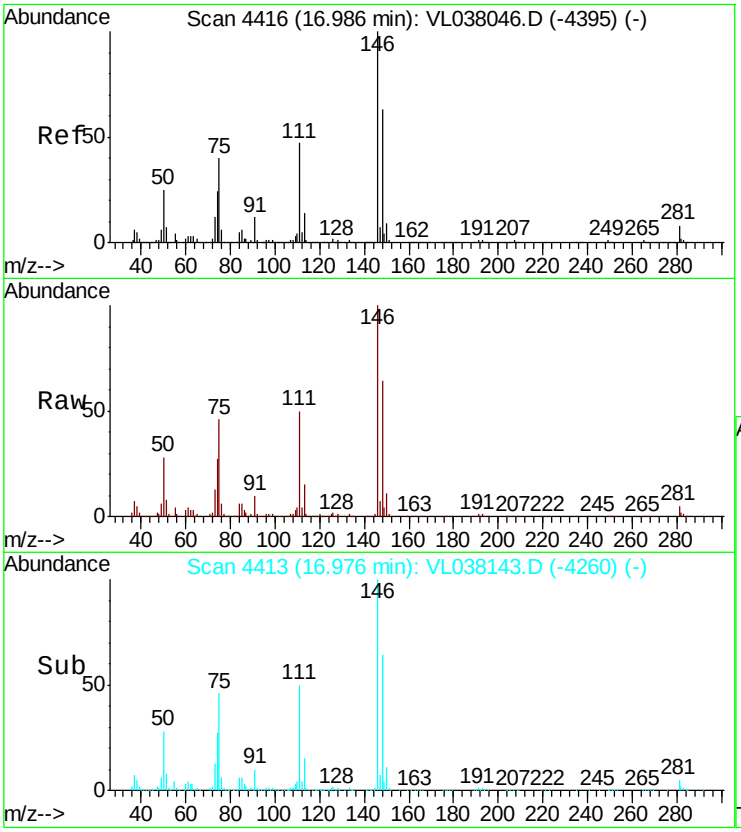


#74
1,2,4-Trimethylbenzene
Concen: 9.314 ppbv
RT: 16.74 min Scan# 4341
Delta R.T. -0.01 min
Lab File: VL038143.D
Acq: 7 Dec 2021 10:07

Tgt Ion:105 Resp: 3222336

Ion	Ratio	Lower	Upper
105	100		
120	49.0	40.1	60.1
91	51.3	39.8	59.8
77	22.6	16.6	25.0



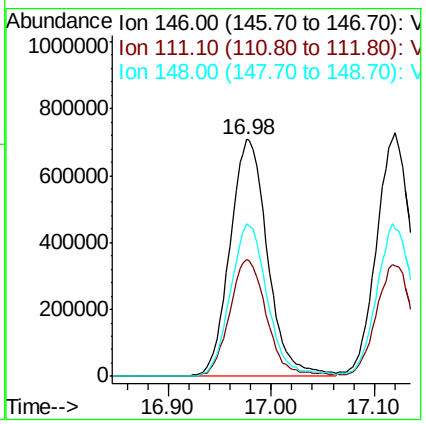


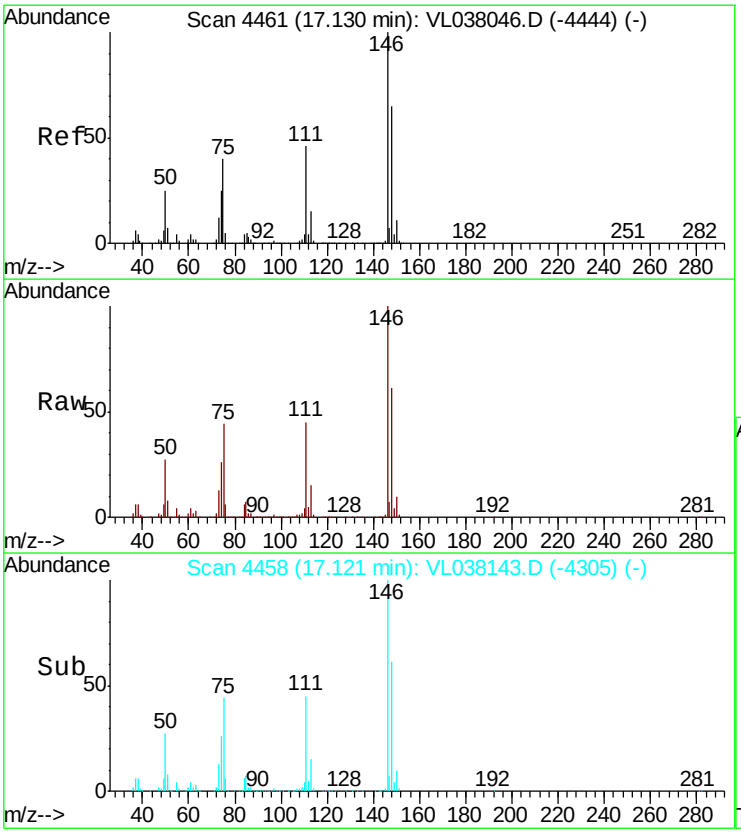
#75
1,3-Dichlorobenzene
Concen: 9.481 ppbv
RT: 16.98
Delta R.T
Lab File:
Acq: 7 Dec 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1801467

Ion	Ratio	Lower	Upper
146	100		
111	48.5	23.5	70.6
148	63.3	32.1	96.3

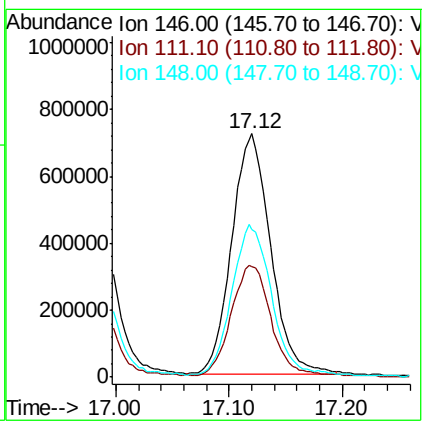


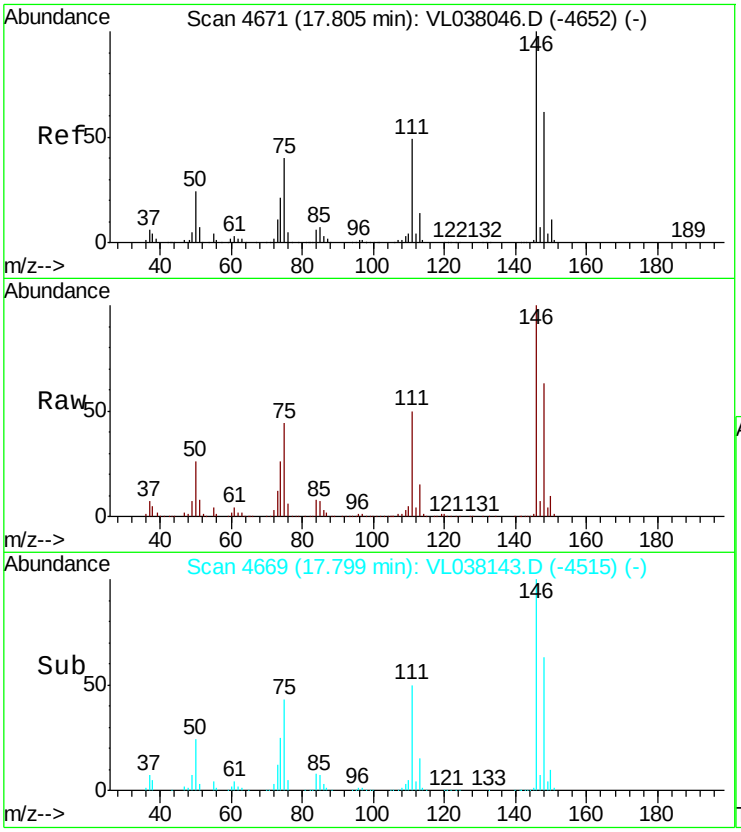


#76
1,4-Dichlorobenzene
Concen: 8.984 ppbv
RT: 17.12 min Scan# 4458
Delta R.T. -0.01 min
Lab File: VL038143.D
Acq: 7 Dec 2021 10:07

Tgt Ion:146 Resp: 1717850

Ion	Ratio	Lower	Upper
146	100		
111	48.4	23.8	71.5
148	66.3	33.2	99.6



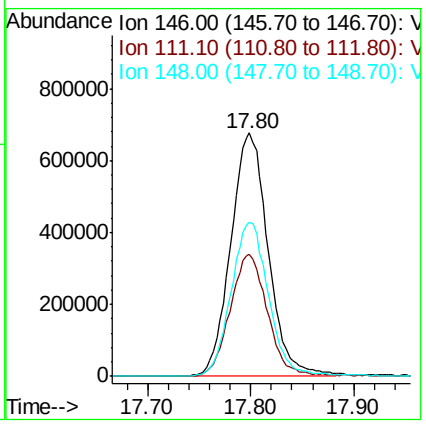


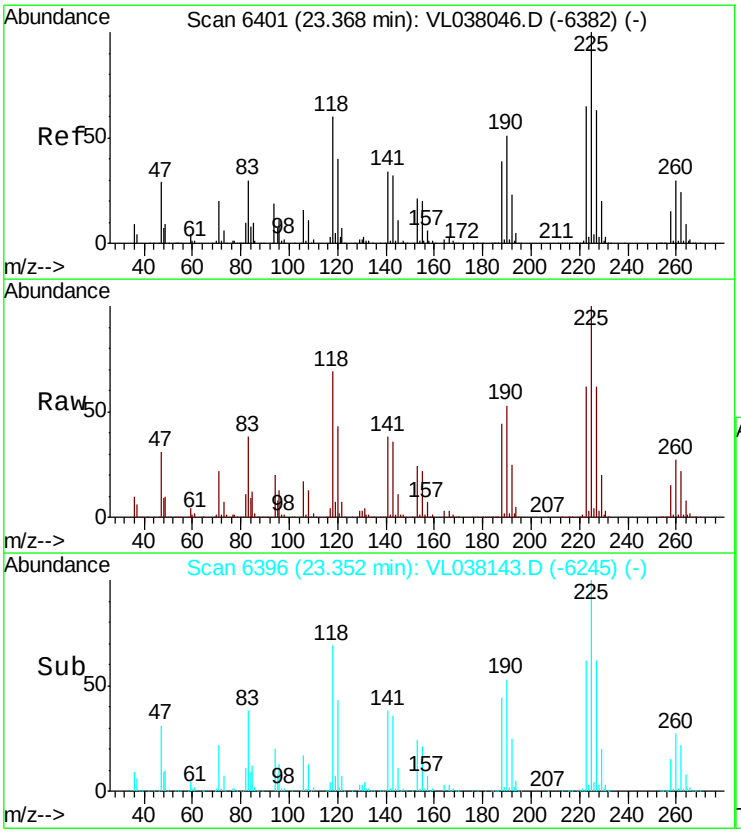
#77
1,2-Dichlorobenzene
Concen: 9.245 ppbv
RT: 17.80
Delta R.T
Lab File:
Acq: 7 Dec 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1701000

Ion	Ratio	Lower	Upper
146	100		
111	50.1	24.8	74.4
148	63.8	32.3	96.9

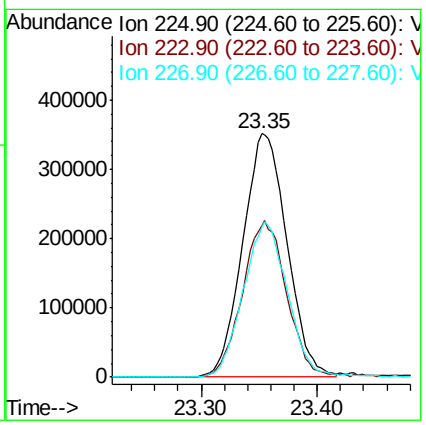


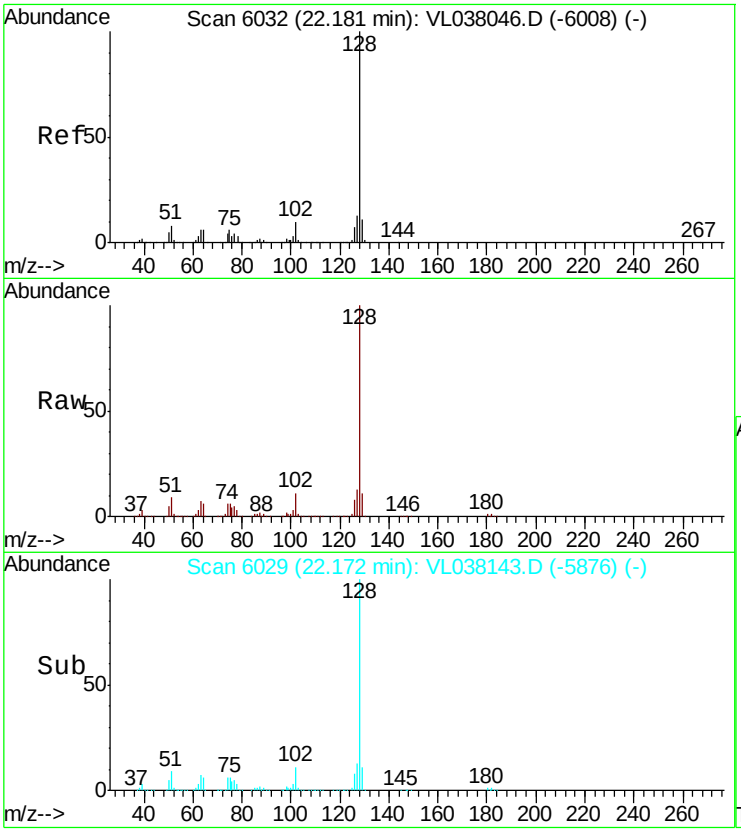


#78
Hexachloro-1,3-Butadiene
Concen: 8.116 ppbv
RT: 23.35 min Scan# 6396
Delta R.T. -0.02 min
Lab File: VL038143.D
Acq: 7 Dec 2021 10:07

Tgt Ion:225 Resp: 932378

Ion	Ratio	Lower	Upper
225	100		
223	64.6	52.3	78.5
227	63.8	52.4	78.6



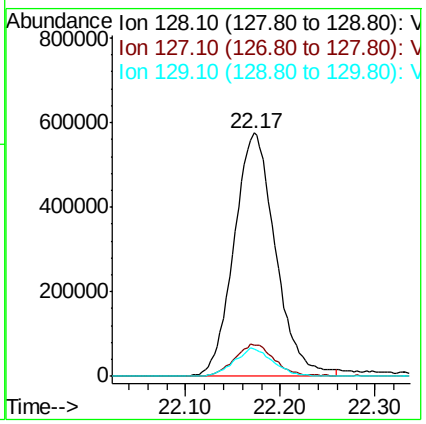


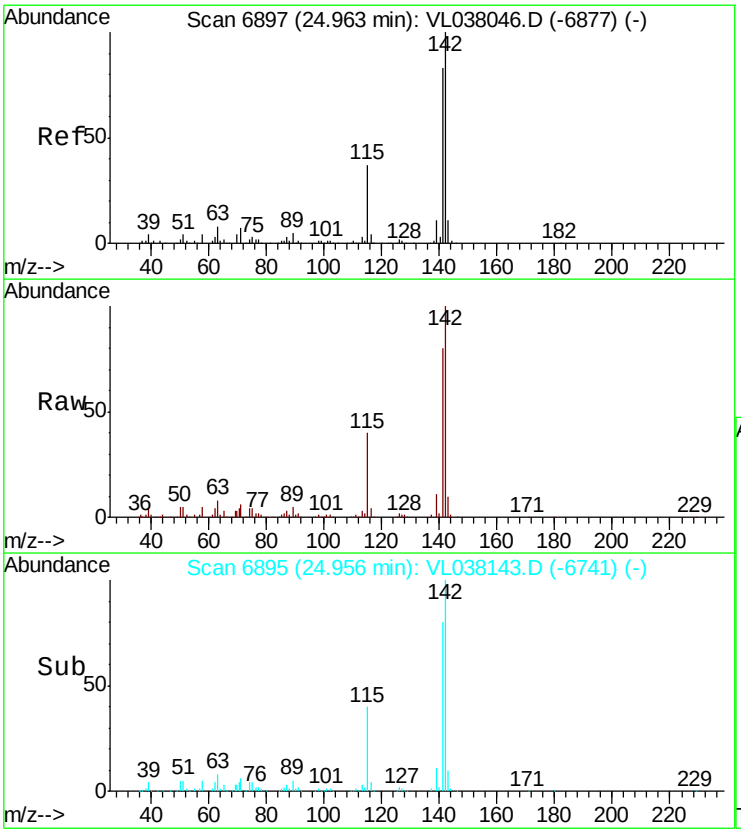
#79
Naphthalene
Concen: 9.598 ppbv
RT: 22.17
Delta R.T
Lab File:
Acq: 7 Dec 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:128 Resp: 1748575

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	11.2	8.9	13.3

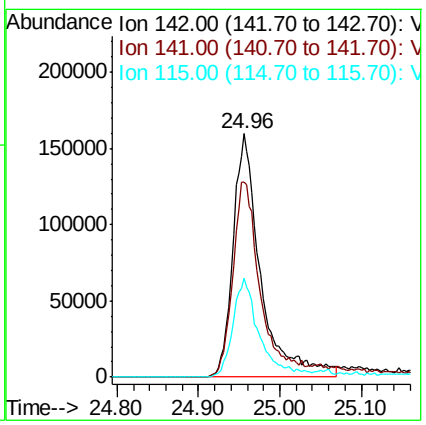


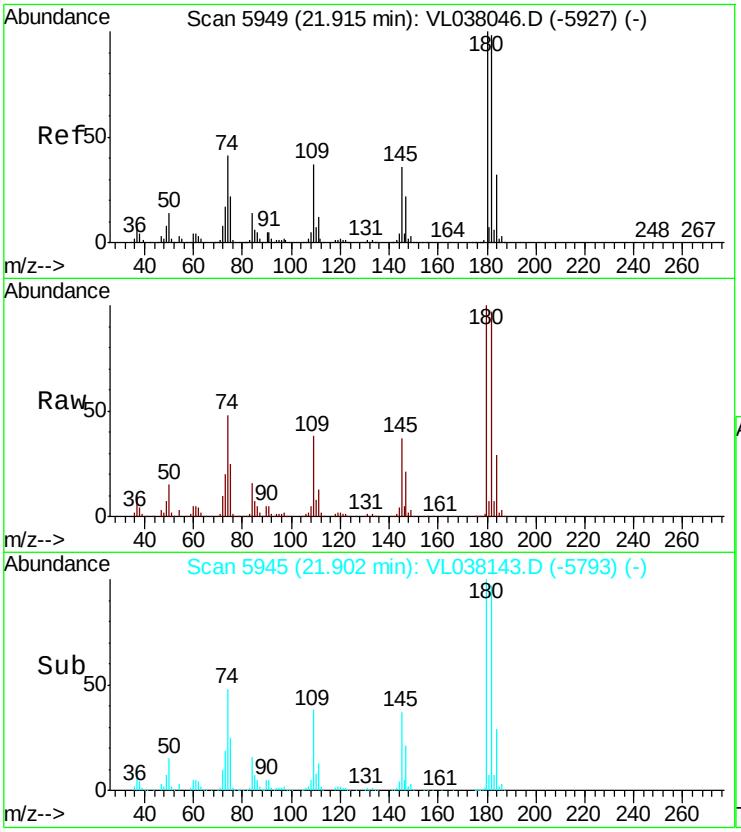


#80
Naphthalene,2-methyl-
Concen: 9.656 ppbv
RT: 24.96 min Scan# 6895
Delta R.T. -0.01 min
Lab File: VL038143.D
Acq: 7 Dec 2021 10:07

Tgt Ion:142 Resp: 377013

Ion	Ratio	Lower	Upper
142	100		
141	80.7	67.3	100.9
115	39.3	28.9	43.3





#81
1,2,4-Trichlorobenzene
Concen: 9.304 ppbv
RT: 21.90
Delta R.T
Lab File:
Acq: 7 Dec 2021 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:180 Resp: 974051

Ion	Ratio	Lower	Upper
180	100		
182	97.2	77.4	116.2
184	31.1	25.0	37.4