Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031722\
Data File : VL038624.D
Acq On : 17 Mar 2022 11:56
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: Apr 01 05:43:35 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 08 21:18:44 2022
QLast Update : Tue Mar 08 21:18:44 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	905321	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	2389934	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.08	117	2780834	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	1651266	7.81	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 78.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	1194473	8.735	ppbv		100
3) Chlorodifluoromethane	2.99	51	1507929	9.446	ppbv		100
4) Chloromethane	3.14	50	594779	10.051	ppbv		98
5) Vinyl Chloride	3.26	62	585329	9.855	ppbv		99
6) Bromomethane	3.48	94	320714	10.060	ppbv		96
7) Chloroethane	3.56	64	198648	10.329	ppbv		97
8) Dichlorotetrafluoroethane	3.19	85	1339835	10.108	ppbv		100
9) Propene	3.02	41	536590	9.526	ppbv		100
10) Heptane	8.12	43	1352461	10.037	ppbv		97
11) Trichlorofluoromethane	3.95	101	1192051	9.943	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	935144	10.032	ppbv		99
13) Ethanol	3.61	45	29466	4.554	ppbv	#	48
14) Bromoethene	3.74	108	413063	10.400	ppbv		99
15) Acetone	3.85	43	730542	11.440	ppbv		98
16) 1,3-Butadiene	3.33	39	521917	10.171	ppbv		97
17) tert-Butyl alcohol	4.29	59	707978	10.204	ppbv		99
18) 1,1-Dichloroethene	4.29	96	423089	10.142	ppbv		97
19) Isopropyl Alcohol	3.96	45	414340	9.717	ppbv	#	97
20) Methylene Chloride	4.34	84	346164	9.008	ppbv		98
21) Allyl Chloride	4.41	41	618136	10.043	ppbv		99
22) trans-1,2-Dichloroethene	4.88	96	453240	10.364	ppbv		98
23) Vinyl Acetate	5.07	43	974042	10.641	ppbv		99
24) 1,1-Dichloroethane	5.01	63	820421	9.855	ppbv		99
25) Ethyl Acetate	5.67	43	2139753	9.950	ppbv		100
26) Hexane	5.69	57	1013224	10.032	ppbv		98
27) Carbon Disulfide	4.55	76	1093051	10.867	ppbv		98
28) Methyl tert-Butyl Ether	5.03	73	821899	9.999	ppbv		99
29) Chloroform	5.75	83	1571344	9.998	ppbv		100
30) Cyclohexane	7.13	84	867463	9.932	ppbv		98
31) cis-1,2-Dichloroethene	5.55	61	965970	9.999	ppbv		99
32) 1,1,1-Trichloroethane	6.51	97	1503189	9.862	ppbv		99
34) 2-Butanone	5.24	43	652977	10.541	ppbv		98
35) Carbon Tetrachloride	7.01	117	1582803	9.710	ppbv		97
36) Benzene	6.89	78	2164866	10.038	ppbv		99
37) 1,2-Dichloroethane	6.30	62	1048015	10.169	ppbv		99
38) Trichloroethene	7.83	130	816201	9.474	ppbv		99
39) 1,2-Dichloropropane	7.61	63	838534	10.110	ppbv		99
40) 1,4-Dioxane	7.83	88	192110	9.255	ppbv		84
41) Tetrahydrofuran	6.05	42	503375	9.932	ppbv		98
42) Bromodichloromethane	7.79	83	1667592	10.204	ppbv		100
43) Methyl Methacrylate	8.01	69	779522	10.530	ppbv		96

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031722\
Data File : VL038624.D
Acq On : 17 Mar 2022 11:56
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Quant Time: Apr 01 05:43:35 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 08 21:18:44 2022
QLast Update : Tue Mar 08 21:18:44 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	3533329	9.690	ppbv		99
45) t-1,3-Dichloropropene	9.27	75	629049	11.791	ppbv		99
46) cis-1,3-Dichloropropene	8.70	75	837491	11.480	ppbv		95
47) 1,1,2-Trichloroethane	9.47	97	883665	10.454	ppbv		98
48) Dibromochloromethane	10.30	129	1495681	11.143	ppbv		99
49) Bromoform	13.03	173	1233804	12.001	ppbv		99
50) 4-Methyl-2-Pentanone	8.74	43	1304199	10.270	ppbv		99
51) 2-Hexanone	10.13	43	554227	10.328	ppbv	#	100
52) Tetrachloroethene	11.22	164	765111	9.679	ppbv		97
53) Toluene	9.80	91	2440822	10.602	ppbv		99
54) 1,2-Dibromoethane	10.61	107	1269037	10.506	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.12	131	962670	8.499	ppbv		97
57) Chlorobenzene	12.14	112	1768193	8.328	ppbv		97
58) Ethyl Benzene	12.70	91	3123012	8.674	ppbv		99
59) m/p-Xylene	12.99	91	2741101	8.893	ppbv	#	36
60) o-Xylene	13.69	91	2450630	8.420	ppbv		98
61) Styrene	13.52	104	1348272	9.400	ppbv		100
62) Isopropylbenzene	14.66	105	3428469	8.537	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.67	83	1895143	7.706	ppbv		100
64) n-propylbenzene	15.55	120	934279	9.128	ppbv		95
65) tert-Butylbenzene	16.74	119	3018523	8.405	ppbv		99
66) Benzyl Chloride	16.98	91	220355	10.355	ppbv		99
67) sec-Butylbenzene	17.29	105	4297701	8.419	ppbv		100
69) p-Isopropyltoluene	17.64	119	3529927	8.348	ppbv		99
70) n-Butylbenzene	18.54	91	3618673	8.035	ppbv		100
71) 2-Chlorotoluene	15.45	91	2572554	8.627	ppbv		98
72) 4-Ethyltoluene	15.83	105	2958173	8.848	ppbv		99
73) 1,3,5-Trimethylbenzene	15.99	105	2610995	8.413	ppbv		98
74) 1,2,4-Trimethylbenzene	16.76	105	2744197	8.277	ppbv		96
75) 1,3-Dichlorobenzene	16.99	146	1742247	8.329	ppbv		100
76) 1,4-Dichlorobenzene	17.13	146	1680186	8.109	ppbv		99
77) 1,2-Dichlorobenzene	17.81	146	1676833	7.923	ppbv		99
78) Hexachloro-1,3-Butadiene	23.36	225	1336836	6.476	ppbv		100
79) Naphthalene	22.18	128	2554907	8.566	ppbv		99
80) Naphthalene,2-methyl-	24.97	142	553507	10.514	ppbv		98
81) 1,2,4-Trichlorobenzene	21.92	180	1430082	7.504	ppbv		99

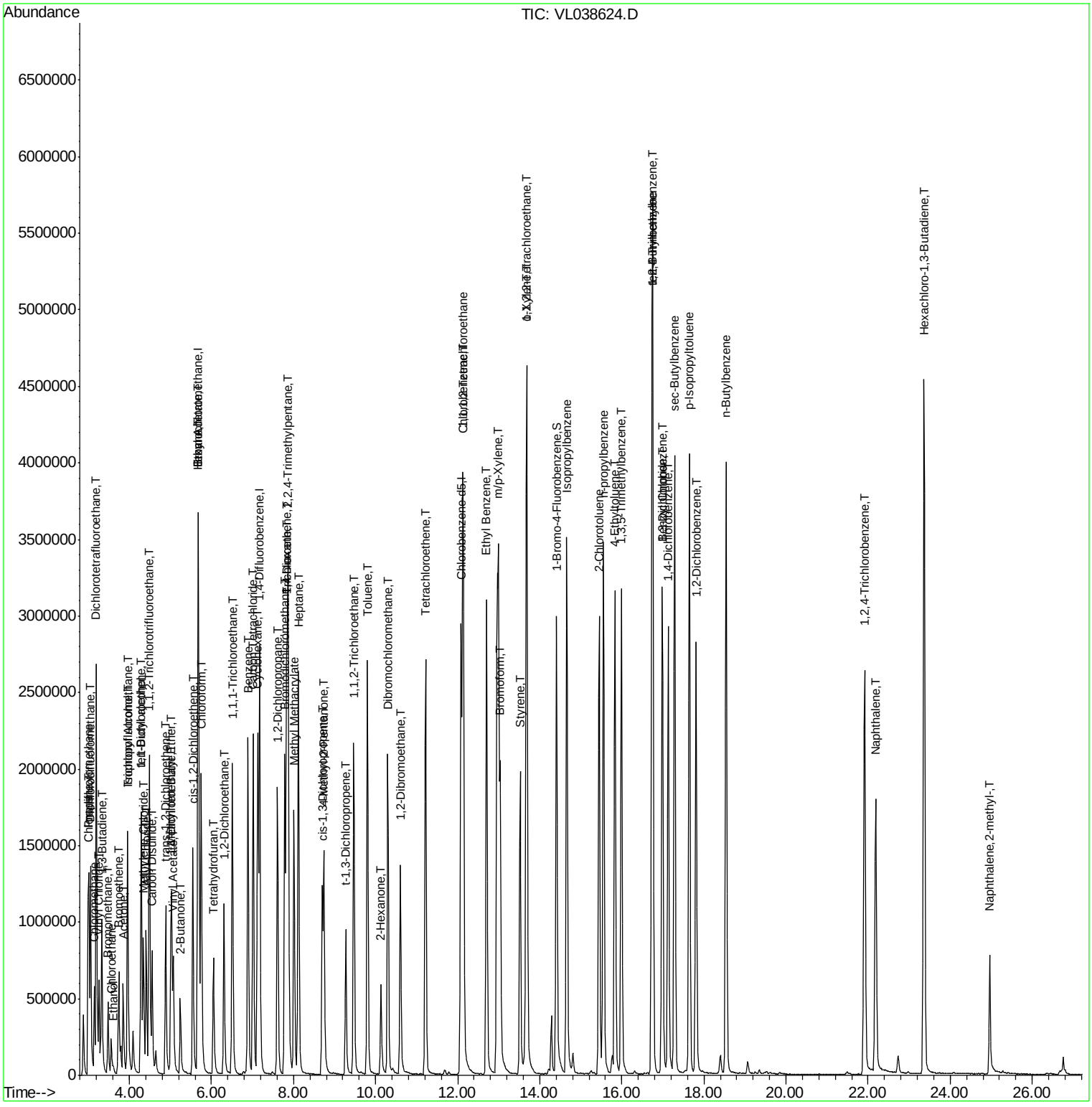
(#) = qualifier out of range (m) = manual integration (+) = signals summed

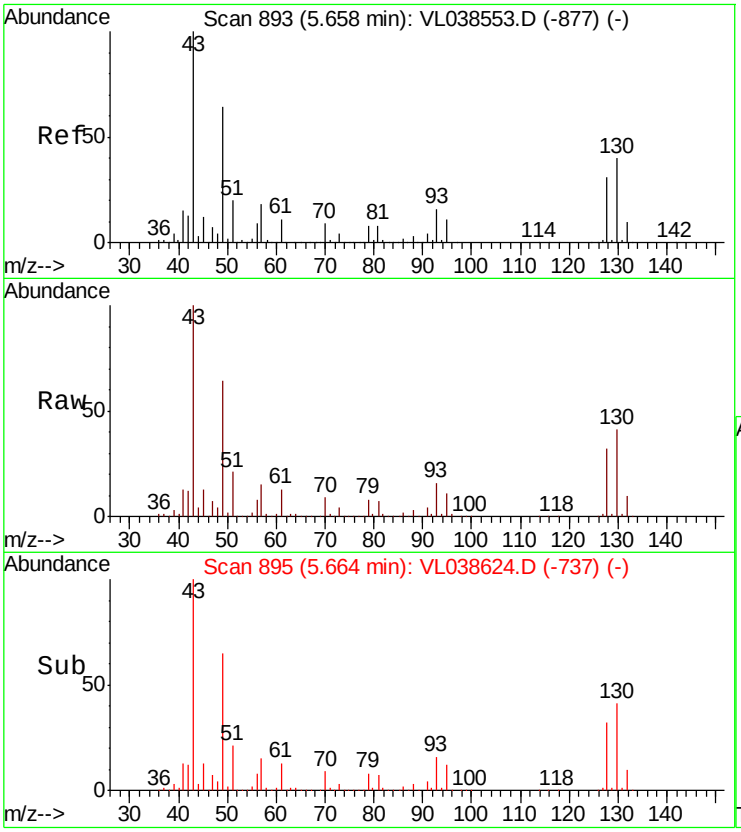
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031722\
Data File : VL038624.D
Acq On : 17 Mar 2022 11:56
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Quant Time: Apr 01 05:43:35 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 08 21:18:44 2022
QLast Update : Tue Mar 08 21:18:44 2022
Response via : Initial Calibration



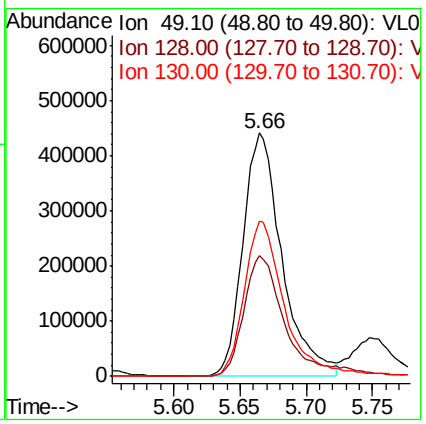


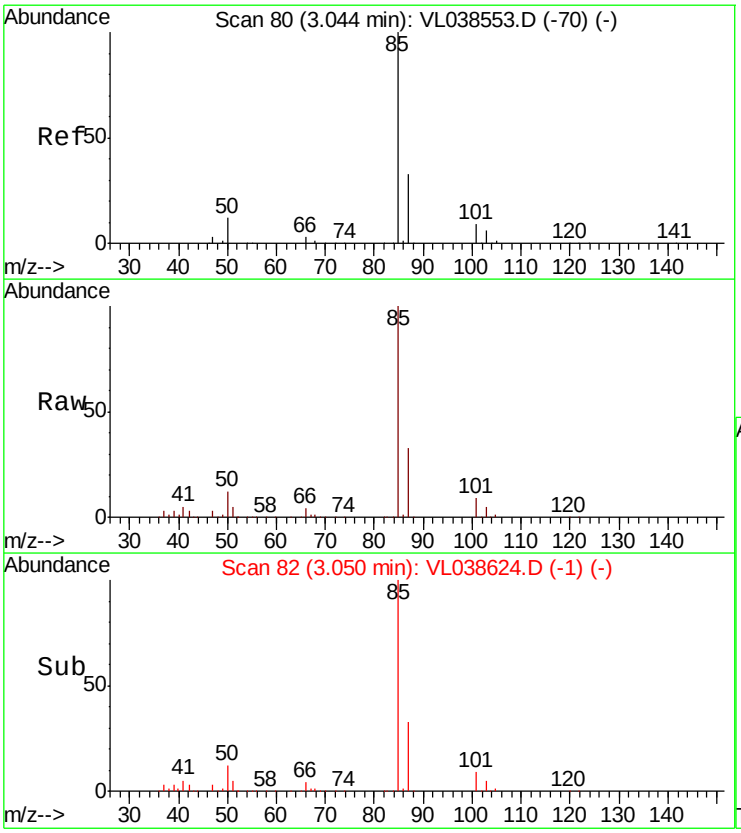
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 905321

Ion	Ratio	Lower	Upper
49	100		
128	54.3	26.4	79.2
130	66.7	33.0	98.9

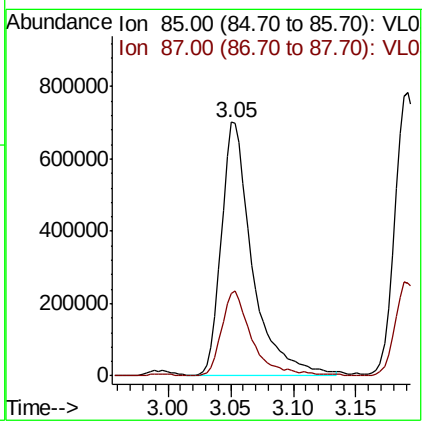


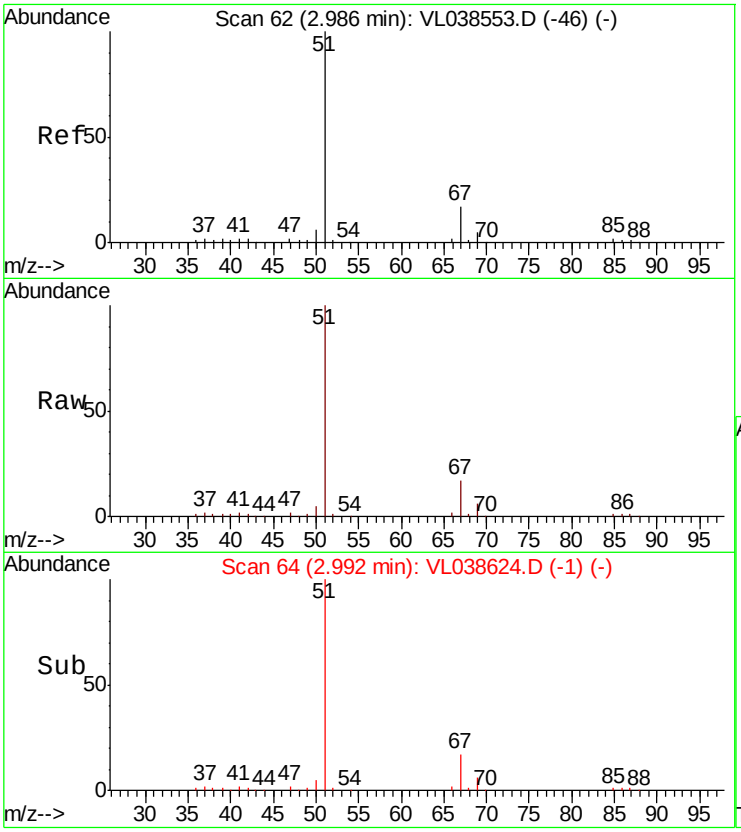


#2
Dichlorodifluoromethane
Concen: 8.735 ppbv
RT: 3.05 min Scan# 82
Delta R.T. 0.01 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion: 85 Resp: 1194473

Ion	Ratio	Lower	Upper
85	100		
87	32.6	26.2	39.2



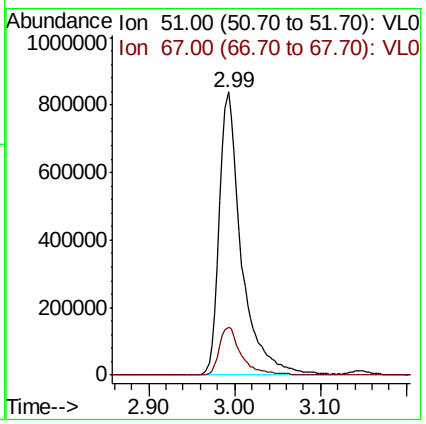


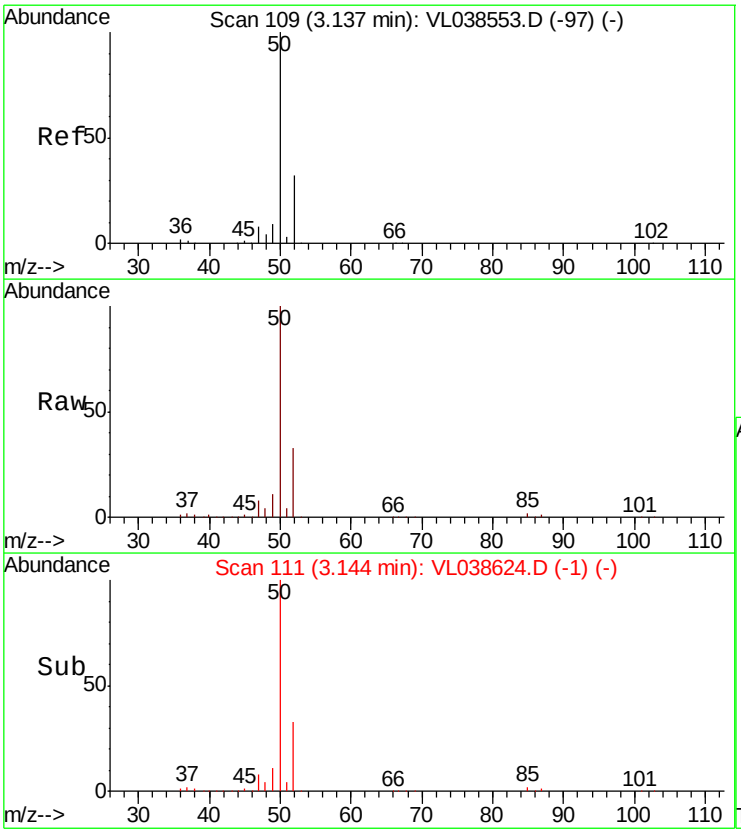
#3
Chlorodifluoromethane
Concen: 9.446 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 1507929

Ion	Ratio	Lower	Upper
51	100		
67	17.0	13.6	20.4

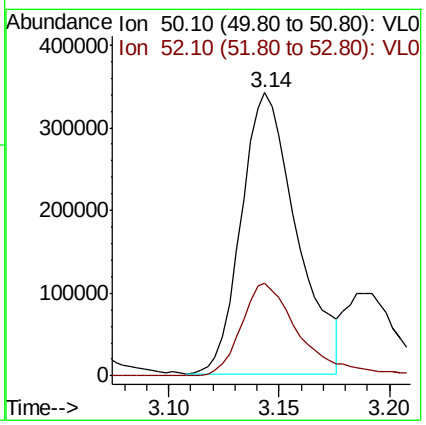


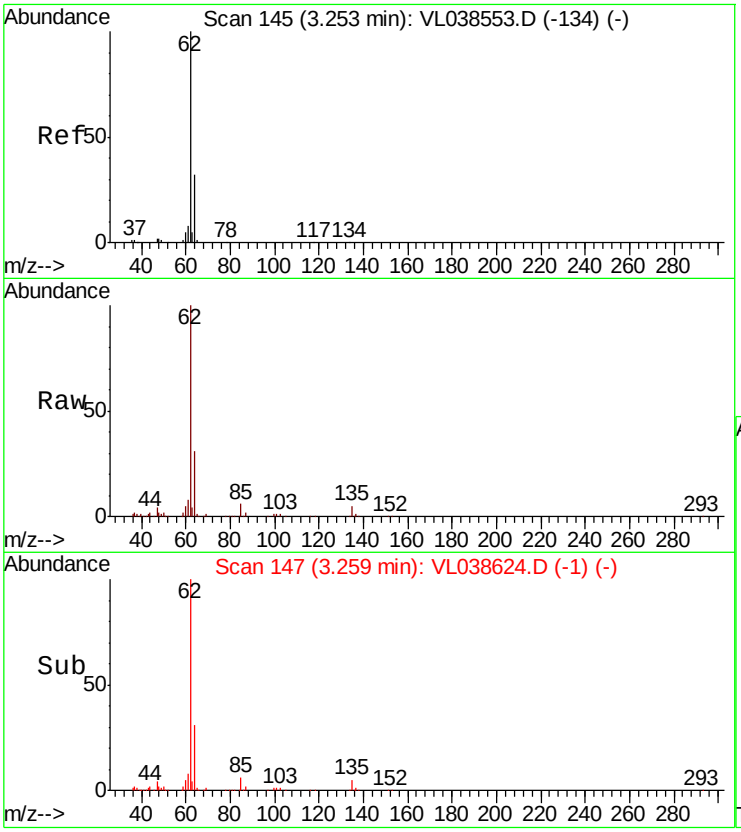


#4
Chloromethane
Concen: 10.051 ppbv
RT: 3.14 min Scan# 111
Delta R.T. 0.01 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion: 50 Resp: 594779

Ion	Ratio	Lower	Upper
50	100		
52	33.2	25.6	38.4



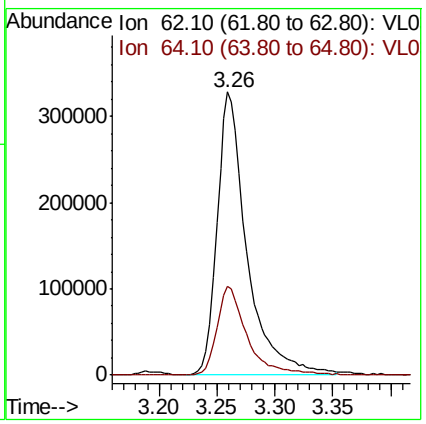


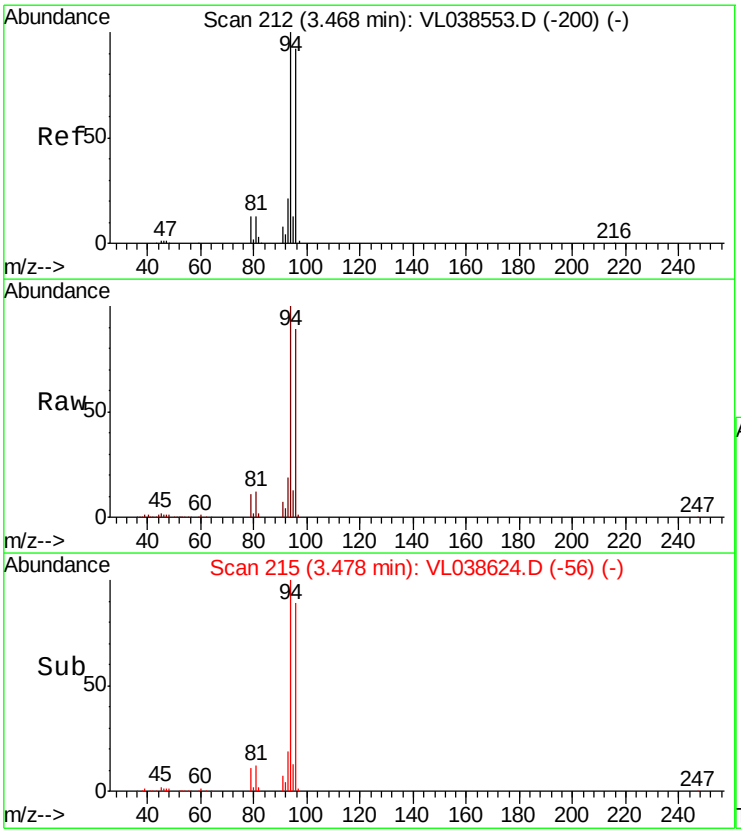
#5
Vinyl Chloride
Concen: 9.855 ppbv
RT: 3.26
Delta R.T
Lab File:
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 585329

Ion	Ratio	Lower	Upper
62	100		
64	31.4	25.8	38.6

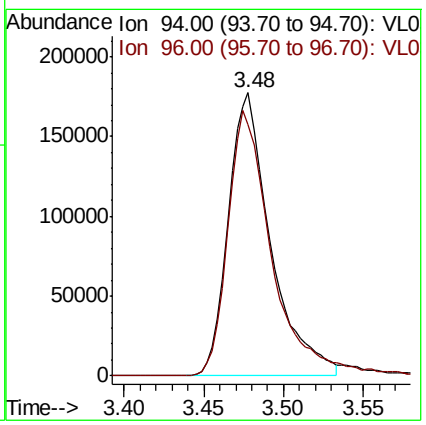


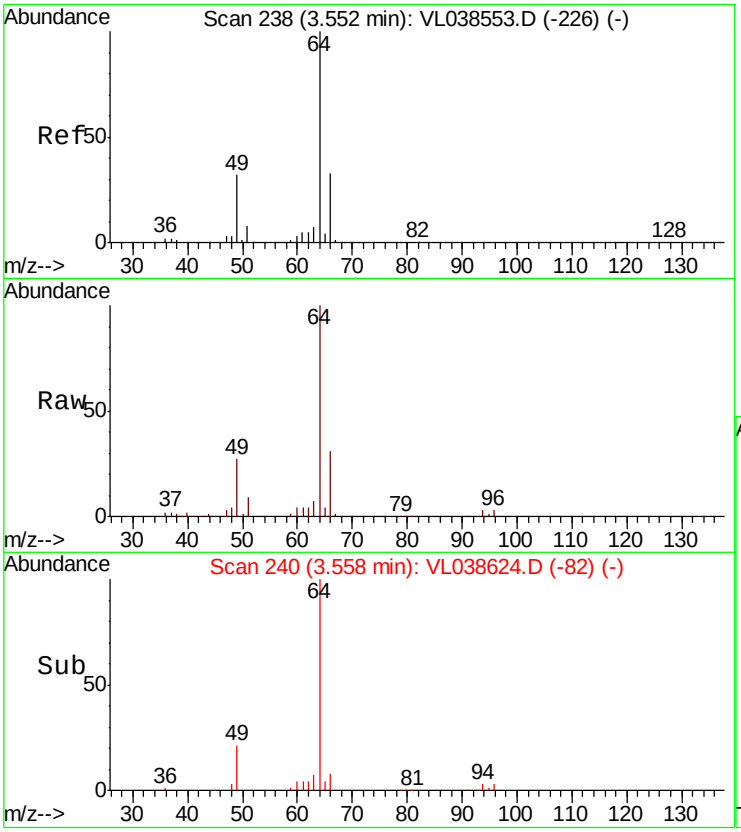


#6
Bromomethane
Concen: 10.060 ppbv
RT: 3.48 min Scan# 215
Delta R.T. 0.01 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion: 94 Resp: 320714

Ion	Ratio	Lower	Upper
94	100		
96	88.6	73.7	110.5



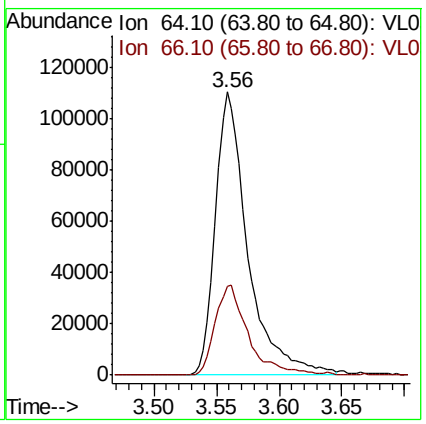


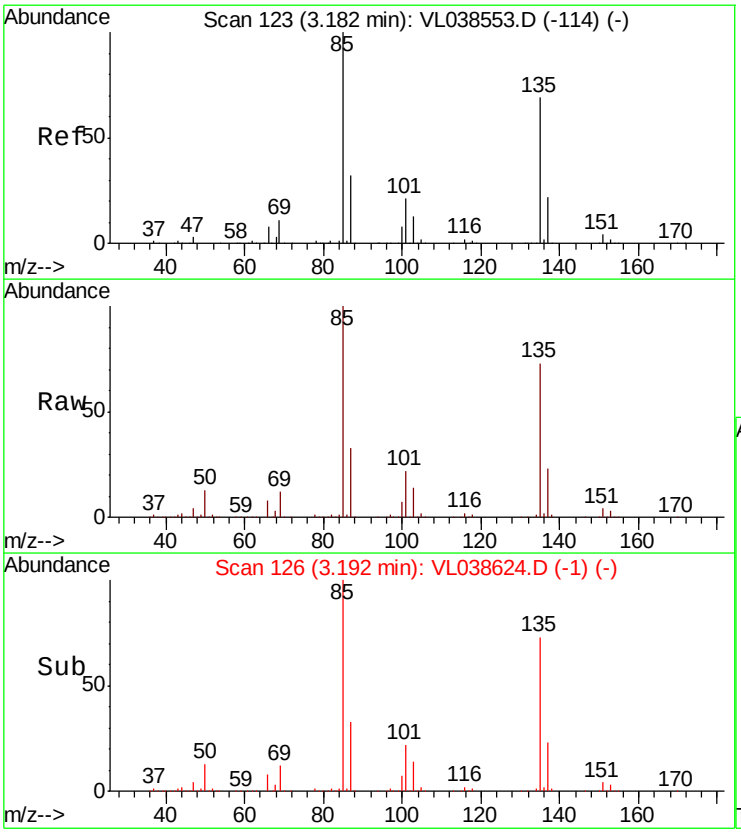
#7
Chloroethane
Concen: 10.329 ppbv
RT: 3.56
Delta R.T
Lab File:
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 198648

Ion	Ratio	Lower	Upper
64	100		
66	31.4	26.6	39.8

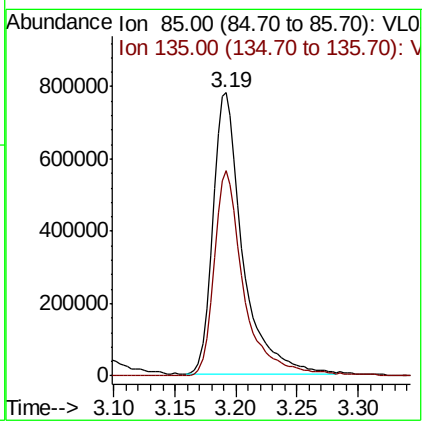


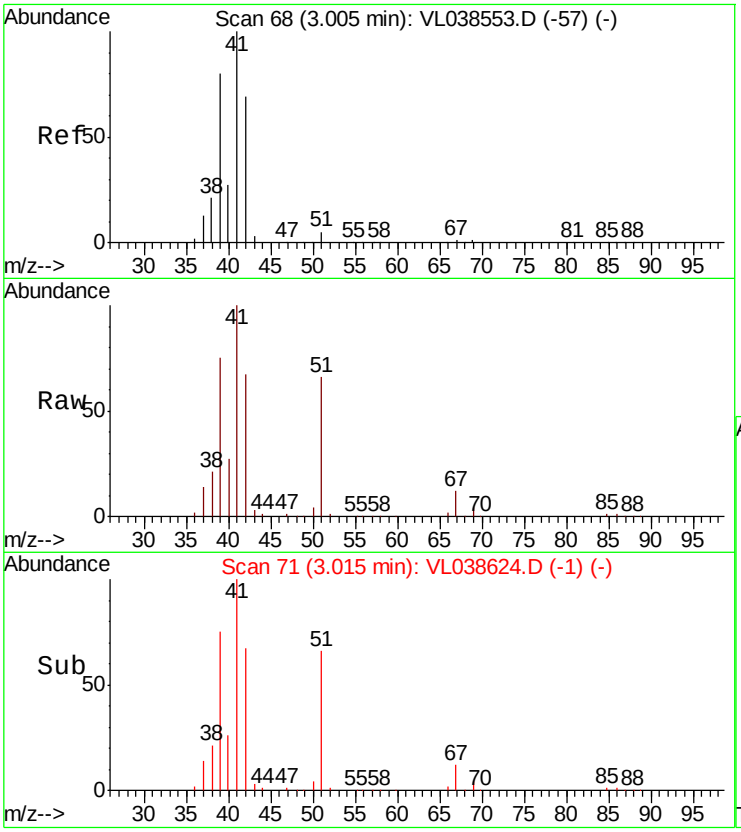


#8
Dichlorotetrafluoroethane
Concen: 10.108 ppbv
RT: 3.19 min Scan# 126
Delta R.T. 0.01 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion: 85 Resp: 1339835

Ion	Ratio	Lower	Upper
85	100		
135	73.5	59.0	88.4



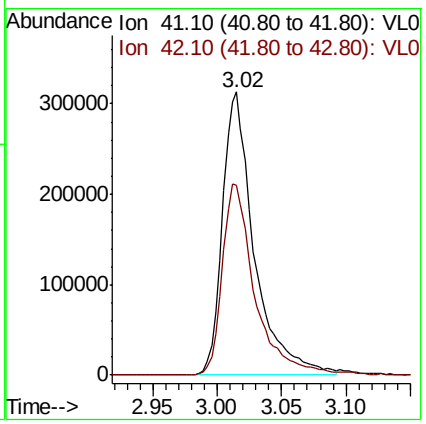


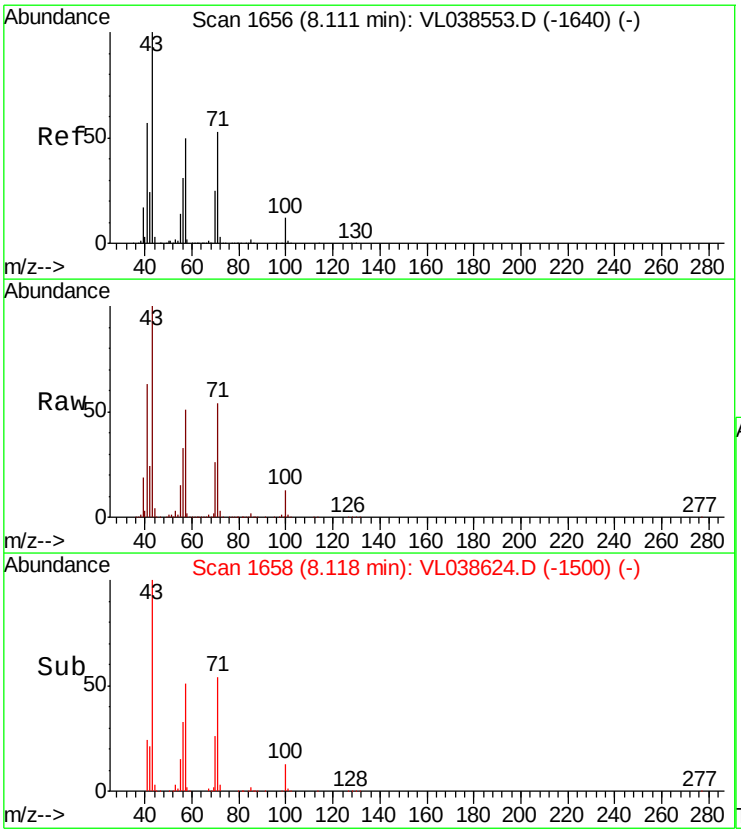
#9
Propene
Concen: 9.526 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 536590

Ion	Ratio	Lower	Upper
41	100		
42	69.9	55.7	83.5

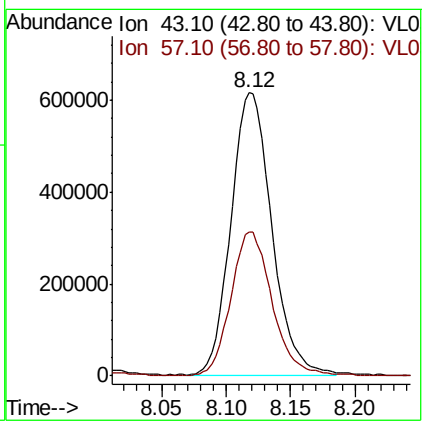


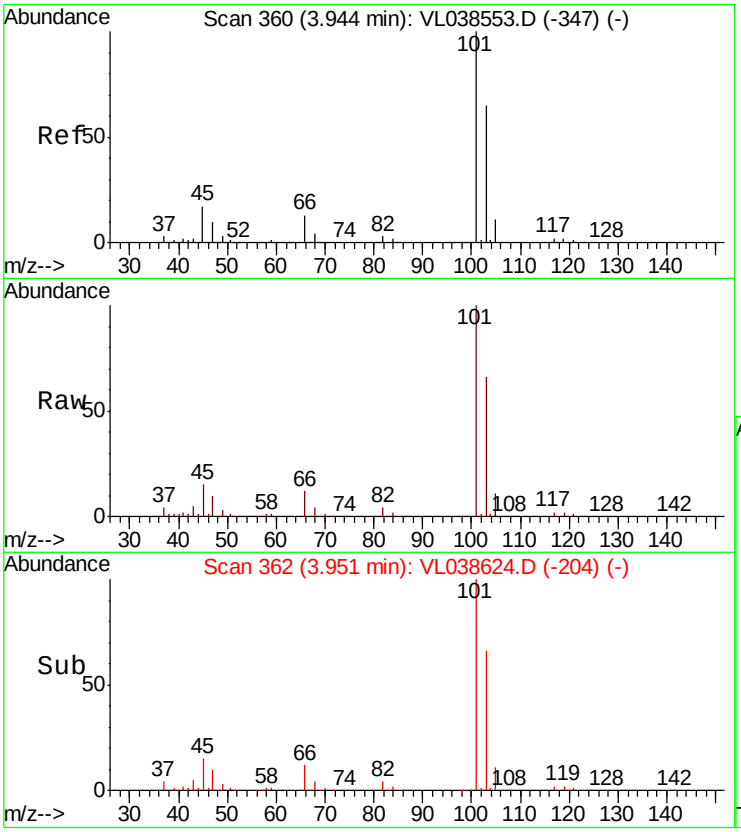


#10
Heptane
Concen: 10.037 ppbv
RT: 8.12 min Scan# 1658
Delta R.T. 0.01 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion: 43 Resp: 1352461

Ion	Ratio	Lower	Upper
43	100		
57	51.3	39.6	59.4



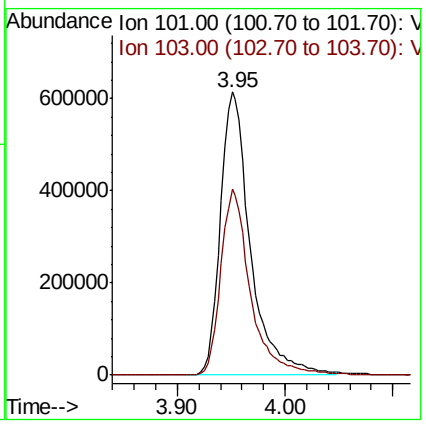


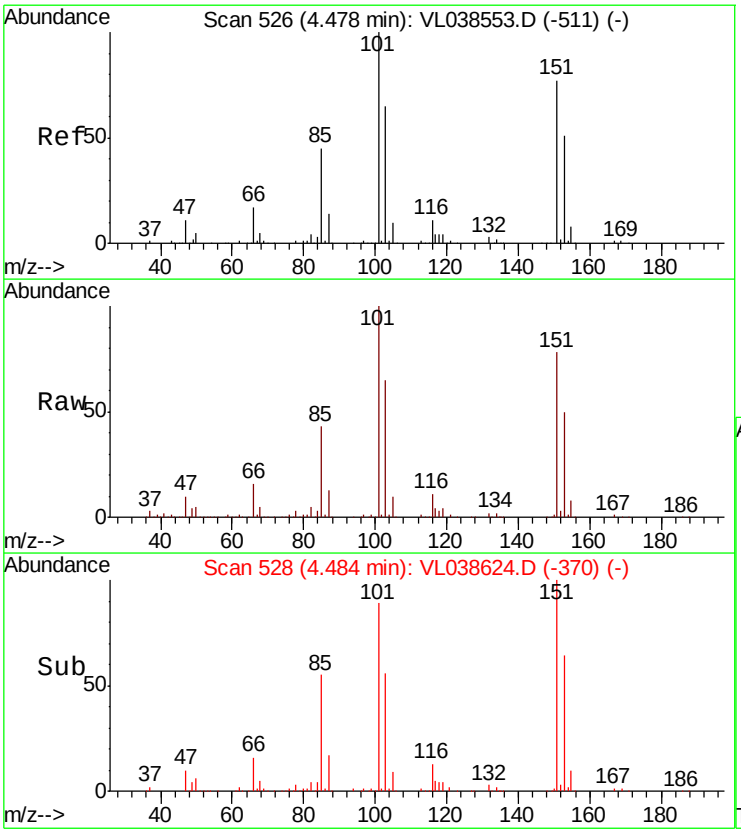
#11
Trichlorofluoromethane
Concen: 9.943 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 1192051

Ion	Ratio	Lower	Upper
101	100		
103	65.5	52.0	78.0

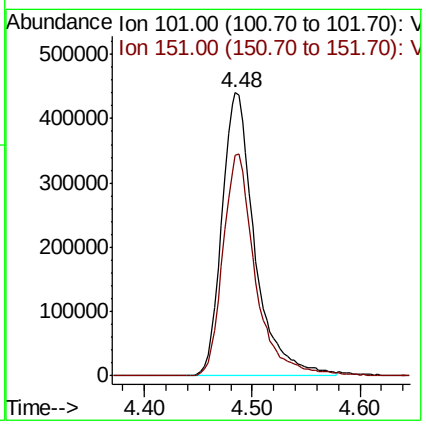


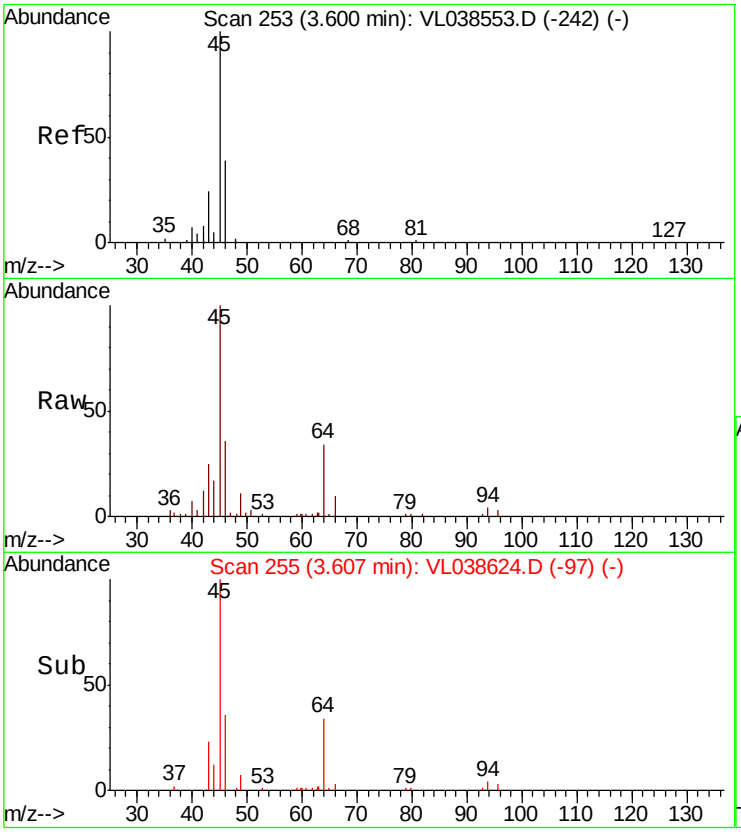


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.032 ppbv
RT: 4.48 min Scan# 528
Delta R.T. 0.01 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion:101 Resp: 935144

Ion	Ratio	Lower	Upper
101	100		
151	77.9	63.4	95.0



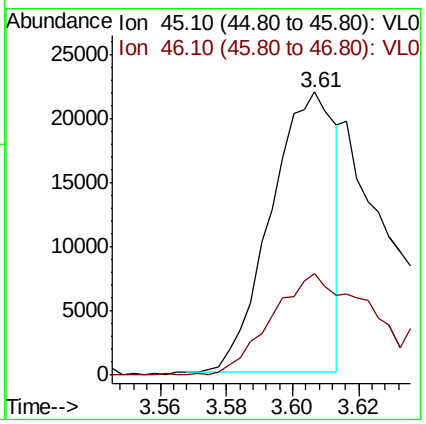


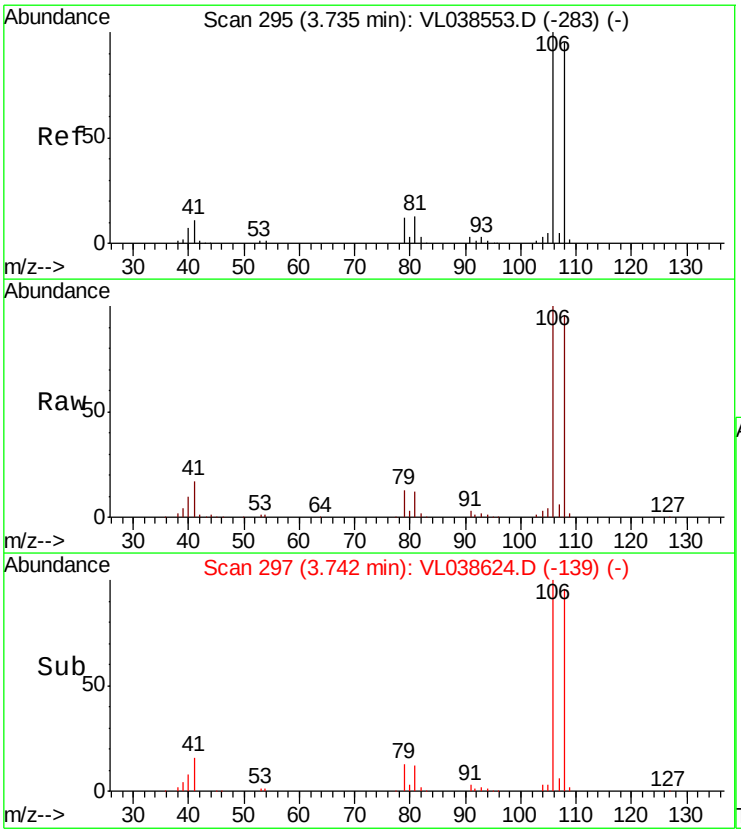
#13
Ethanol
Concen: 4.554 ppbv
RT: 3.61
Delta R.T
Lab File:
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 29466

Ion	Ratio	Lower	Upper
45	100		
46	74.4	16.8	67.0#

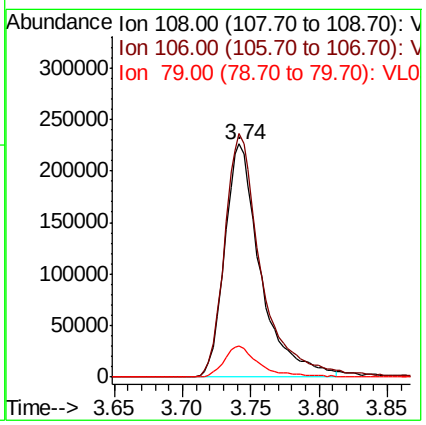


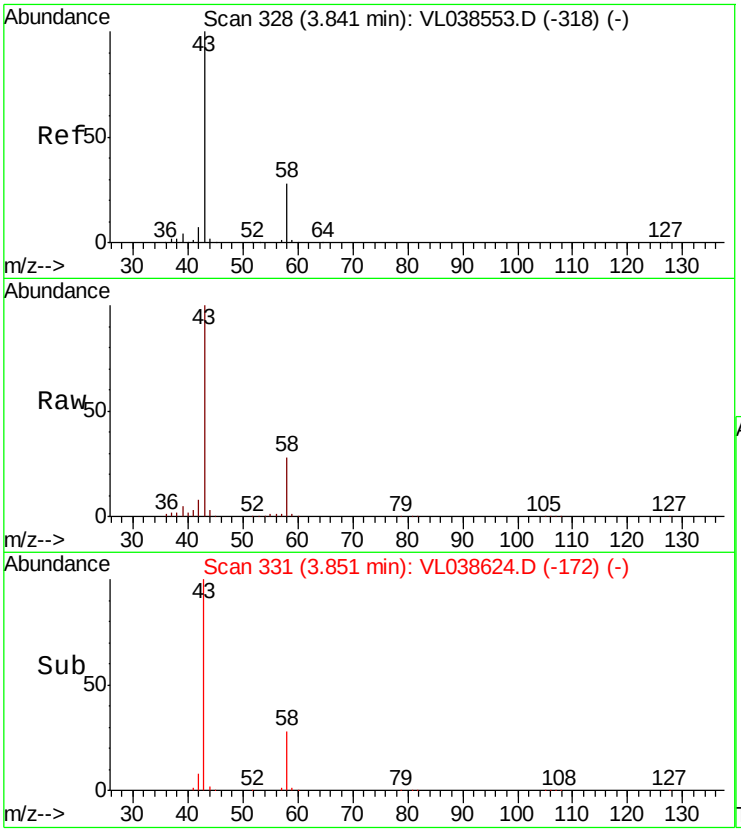


#14
Bromoethene
Concen: 10.400 ppbv
RT: 3.74 min Scan# 297
Delta R.T. 0.01 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion:108 Resp: 413063

Ion	Ratio	Lower	Upper
108	100		
106	108.6	85.9	128.9
79	13.6	11.0	16.6



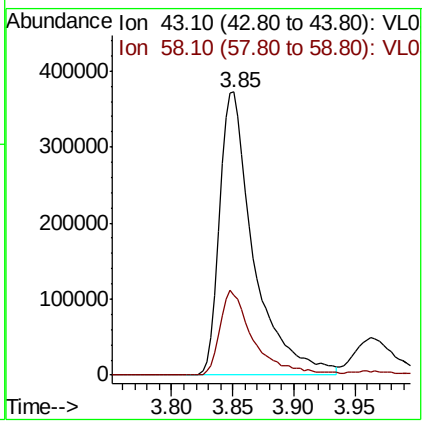


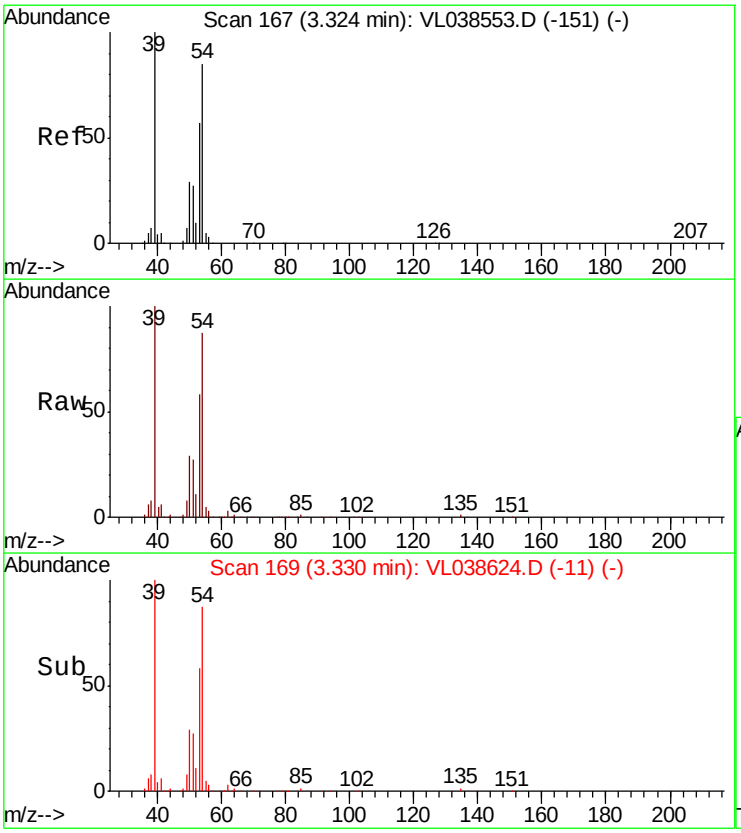
#15
Acetone
Concen: 11.440 ppbv
RT: 3.85
Delta R.T
Lab File:
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 730542

Ion	Ratio	Lower	Upper
43	100		
58	29.4	22.7	34.1

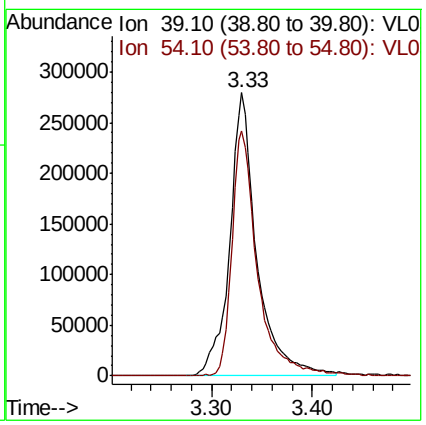


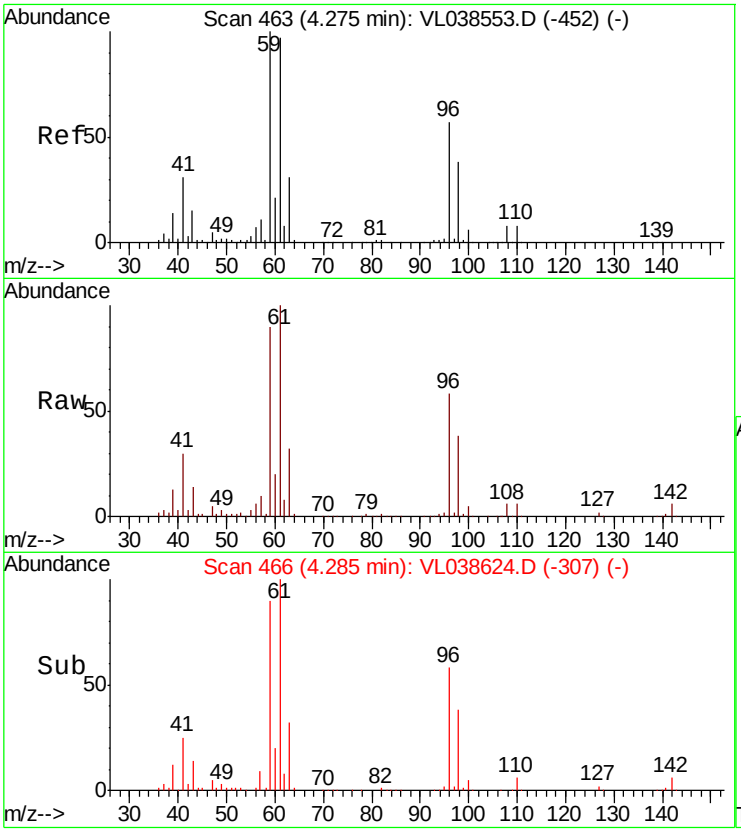


#16
1,3-Butadiene
Concen: 10.171 ppbv
RT: 3.33 min Scan# 169
Delta R.T. 0.01 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion: 39 Resp: 521917

Ion	Ratio	Lower	Upper
39	100		
54	82.4	64.2	96.2



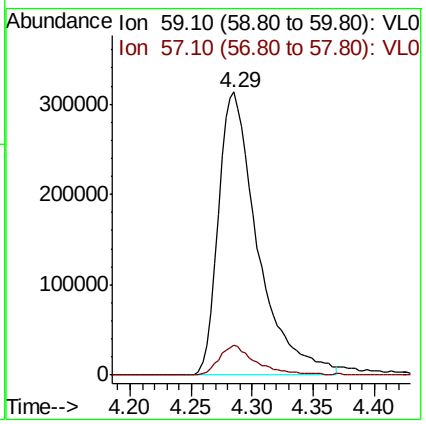


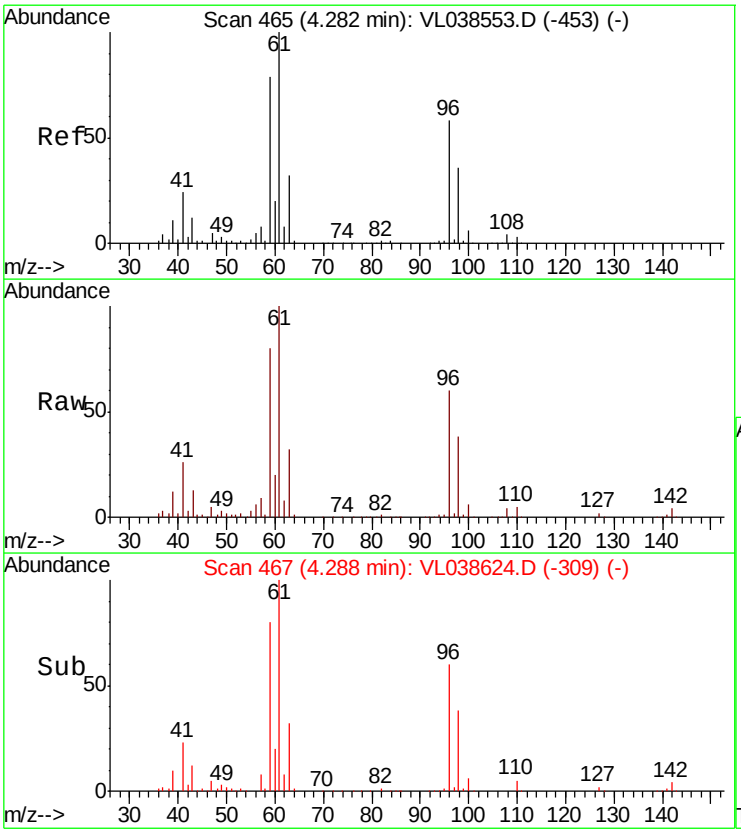
#17
tert-Butyl alcohol
Concen: 10.204 ppbv
RT: 4.29
Delta R.T
Lab File:
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 707978

Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.1	12.1

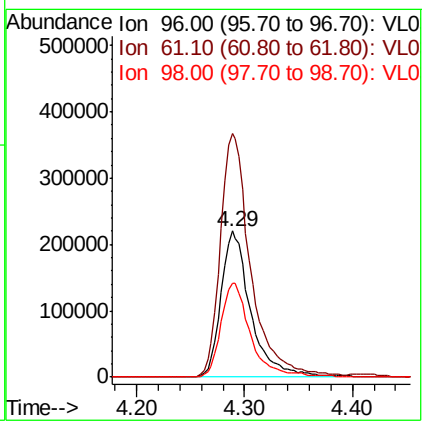


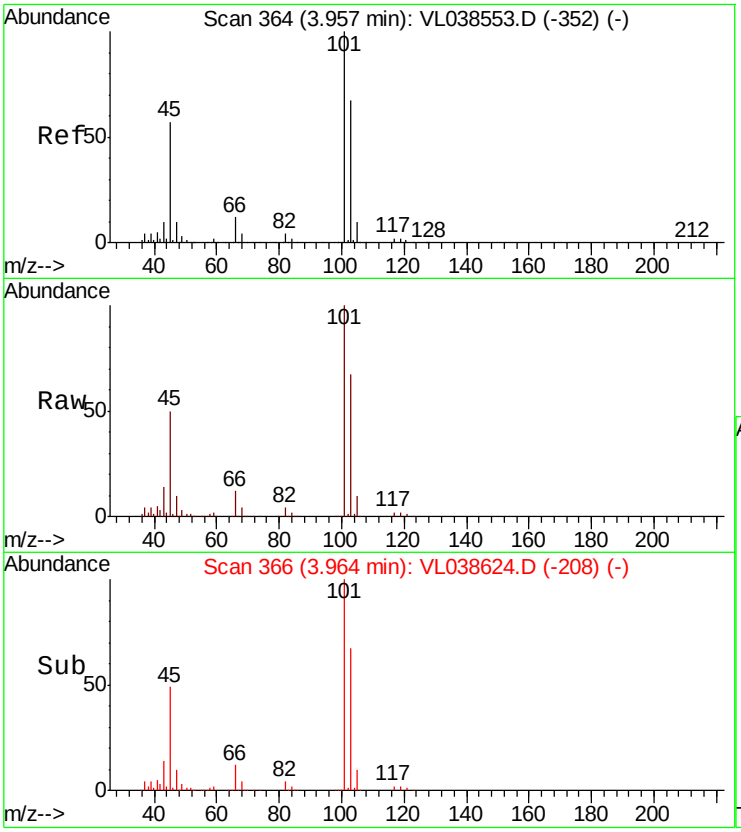


#18
1,1-Dichloroethene
Concen: 10.142 ppbv
RT: 4.29 min Scan# 467
Delta R.T. 0.01 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion: 96 Resp: 423089

Ion	Ratio	Lower	Upper
96	100		
61	166.9	137.4	206.0
98	64.3	49.3	73.9



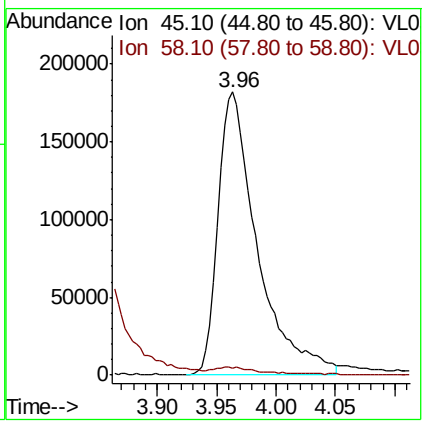


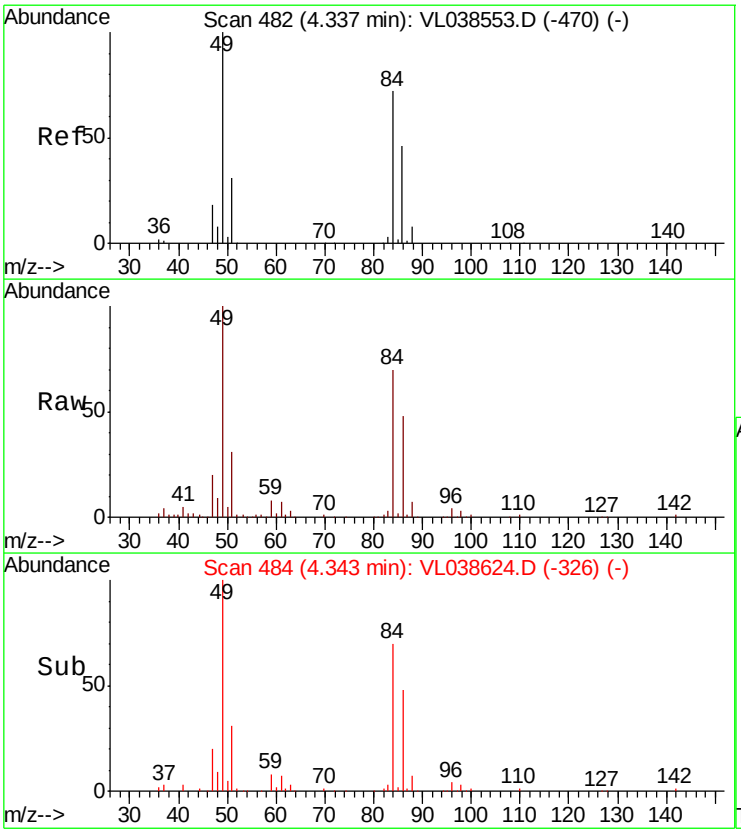
#19
Isopropyl Alcohol
Concen: 9.717 ppbv
RT: 3.96
Delta R.T
Lab File:
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 414340

Ion	Ratio	Lower	Upper
45	100		
58	3.8	2.2	3.2#

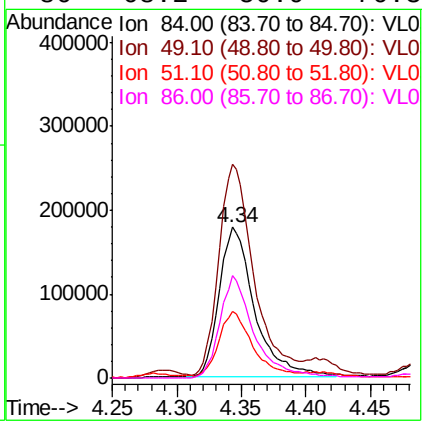


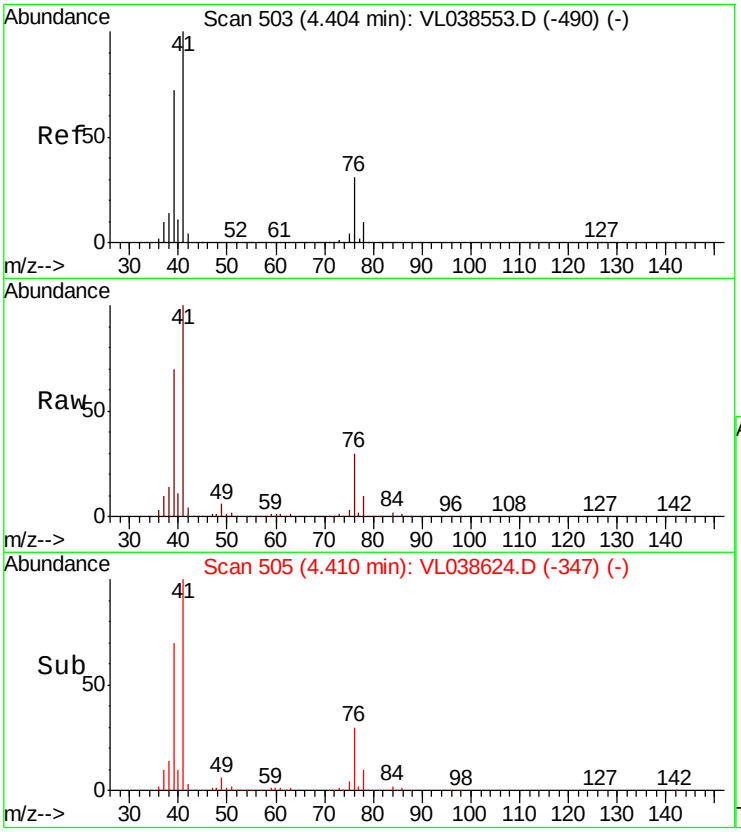


#20
Methylene Chloride
Concen: 9.008 ppbv
RT: 4.34 min Scan# 484
Delta R.T. 0.01 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion: 84 Resp: 346164

Ion	Ratio	Lower	Upper
84	100		
49	140.2	111.1	166.7
51	43.1	34.0	51.0
86	68.2	50.9	76.3



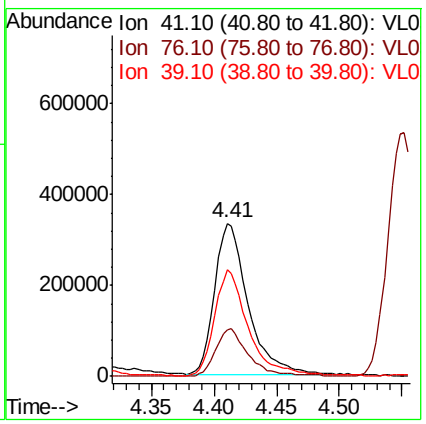


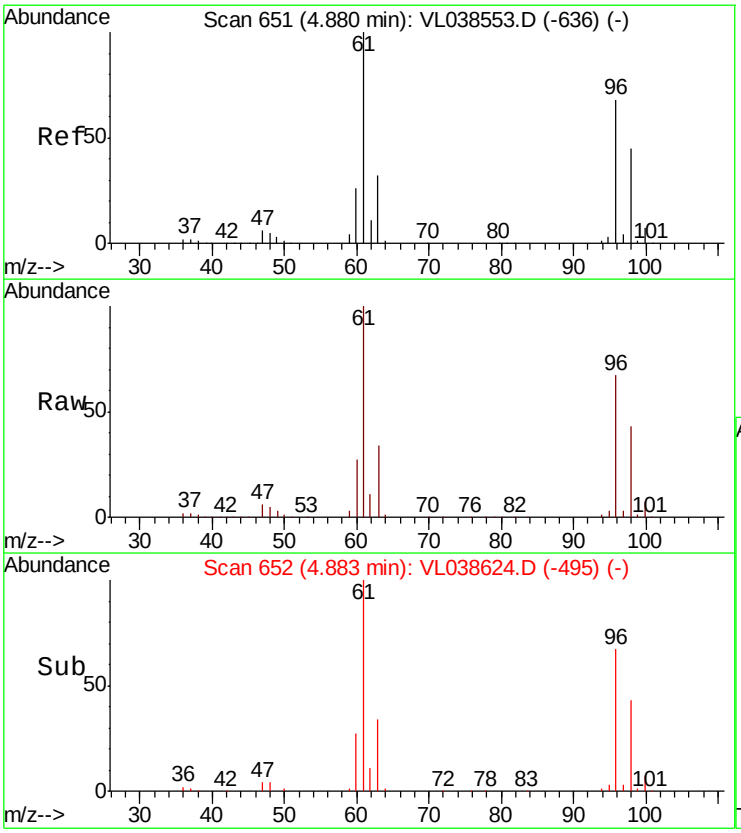
#21
Allvl Chloride
Concen: 10.043 ppbv
RT: 4.41
Delta R.T
Lab File:
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 618136

Ion	Ratio	Lower	Upper
41	100		
76	31.3	24.3	36.5
39	70.2	57.1	85.7

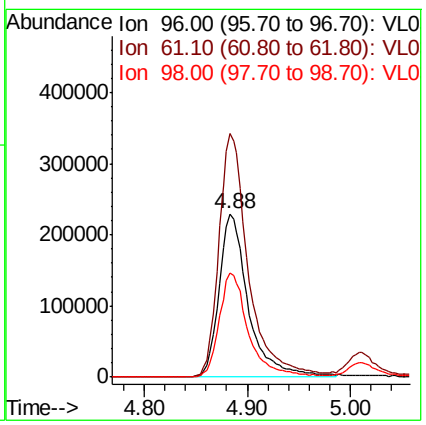


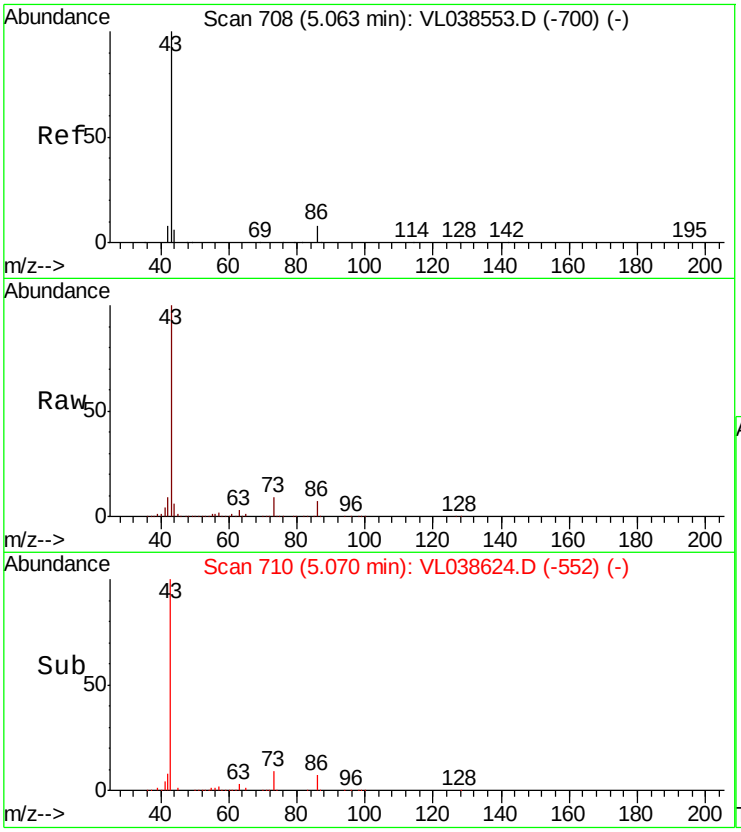


#22
trans-1,2-Dichloroethene
Concen: 10.364 ppbv
RT: 4.88 min Scan# 652
Delta R.T. 0.00 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion: 96 Resp: 453240

Ion	Ratio	Lower	Upper
96	100		
61	148.8	117.6	176.4
98	63.3	52.6	78.8



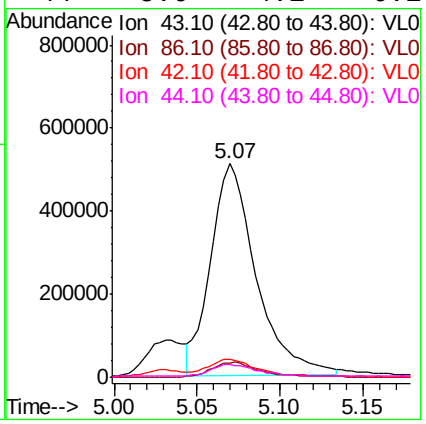


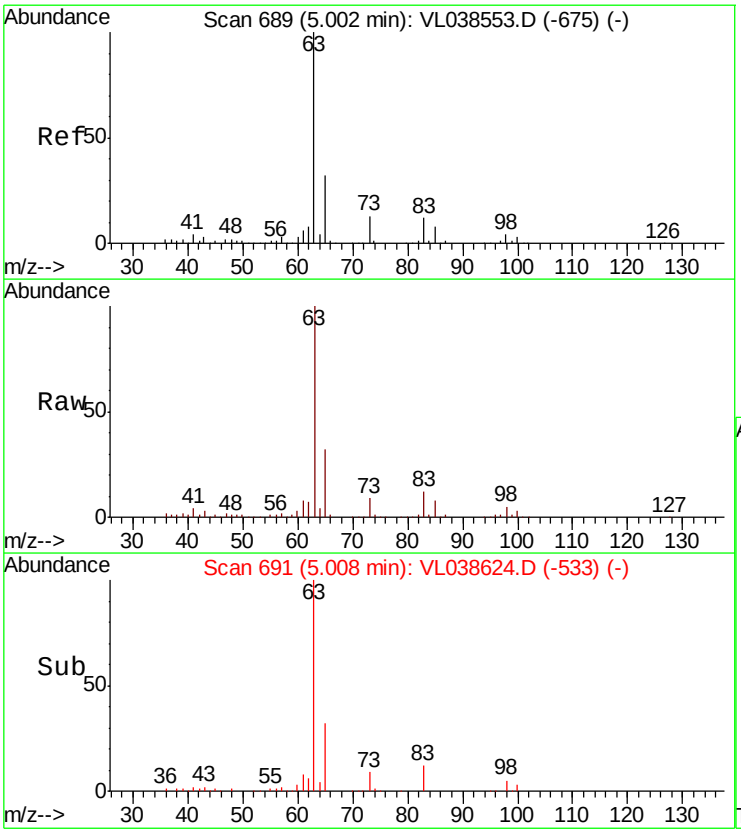
#23
Vinyl Acetate
Concen: 10.641 ppbv
RT: 5.07
Delta R.T
Lab File:
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 974042

Ion	Ratio	Lower	Upper
43	100		
86	6.6	5.6	8.4
42	8.2	7.1	10.7
44	5.6	4.1	6.1

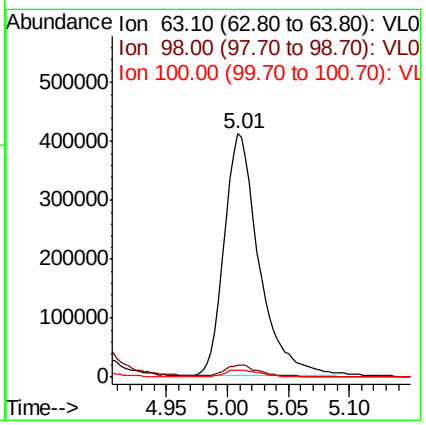


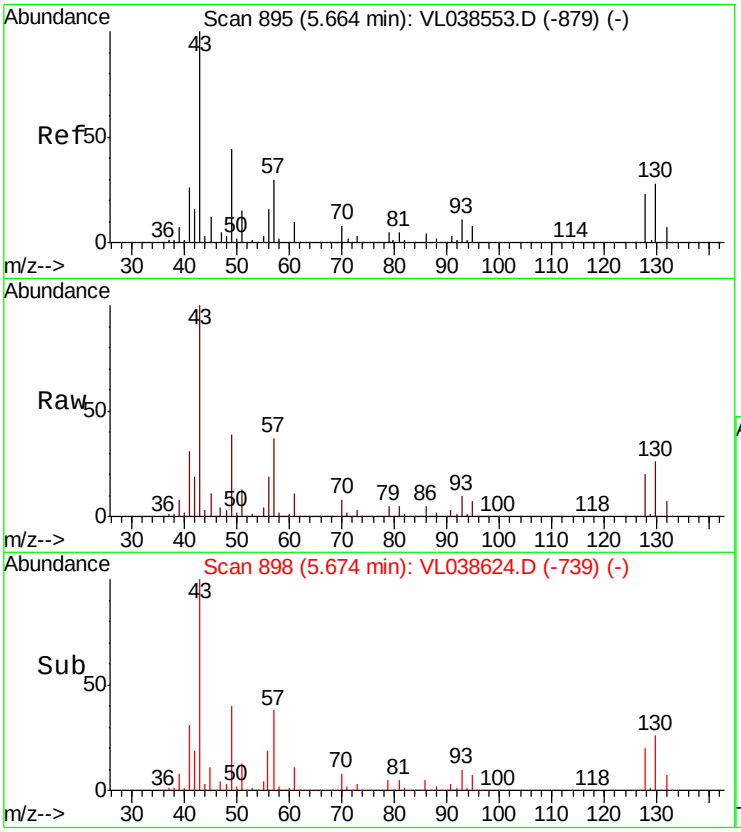


#24
1,1-Dichloroethane
Concen: 9.855 ppbv
RT: 5.01 min Scan# 691
Delta R.T. 0.01 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion: 63 Resp: 820421

Ion	Ratio	Lower	Upper
63	100		
98	4.6	2.2	6.6
100	2.8	1.5	4.5



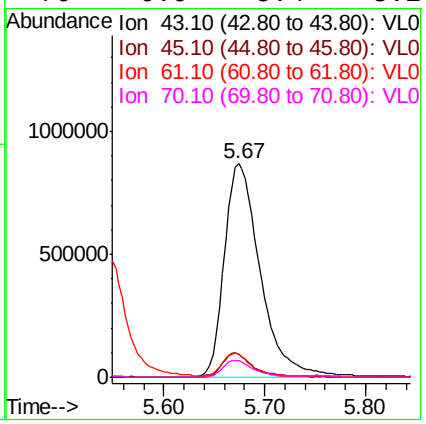


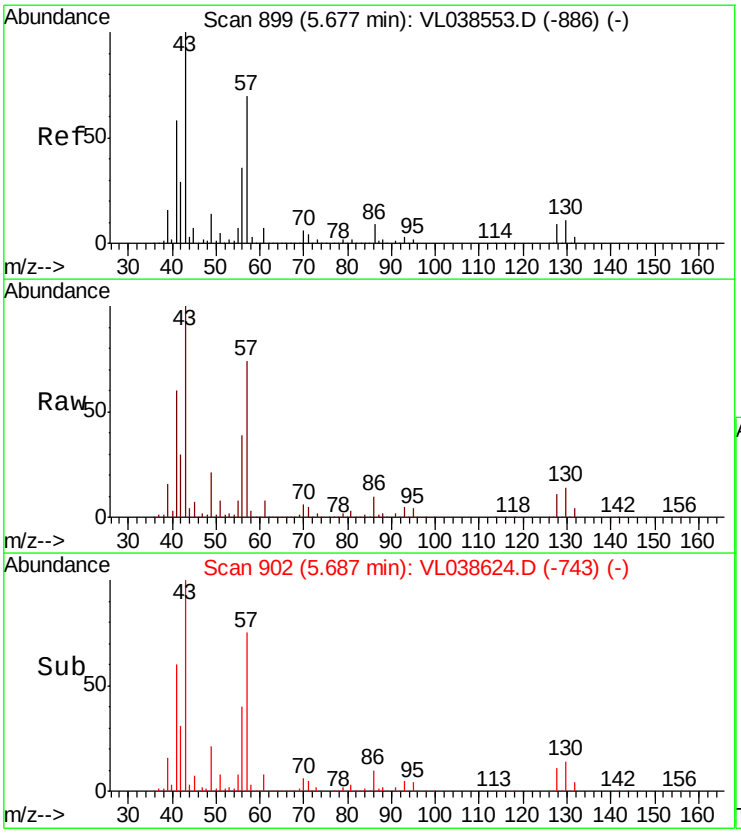
#25
Ethyl Acetate
Concen: 9.950 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2139753

Ion	Ratio	Lower	Upper
43	100		
45	10.0	8.0	12.0
61	10.5	8.2	12.4
70	6.9	5.4	8.2

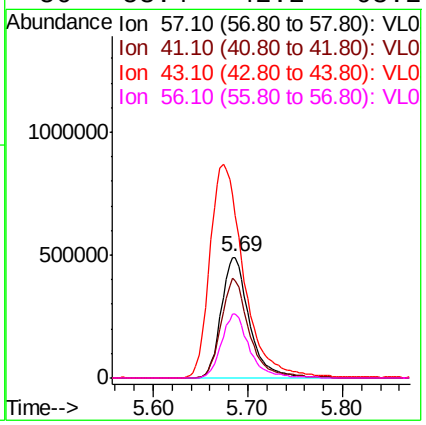


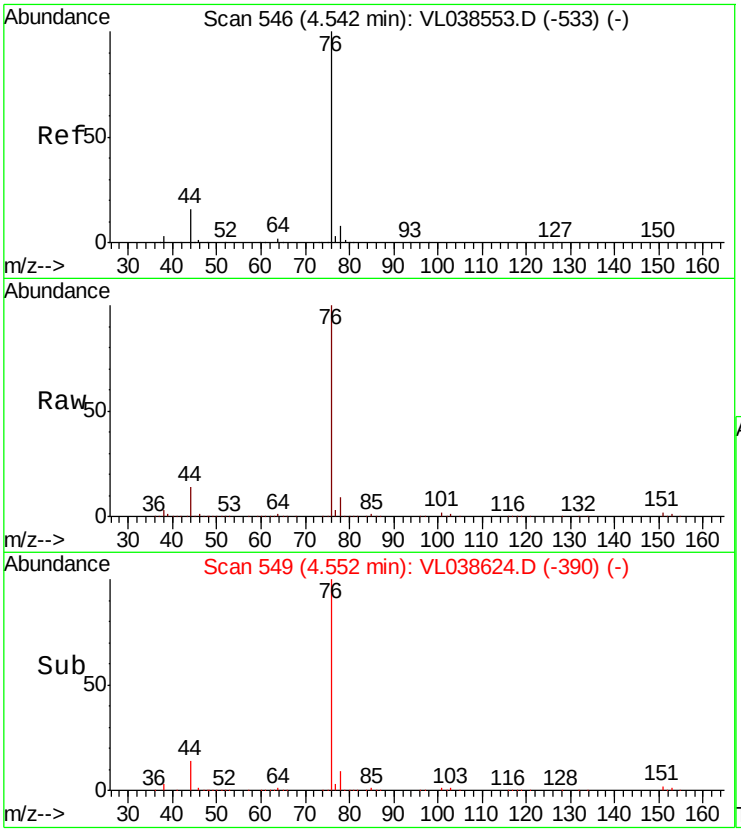


#26
Hexane
Concen: 10.032 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.01 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion: 57 Resp: 1013224

Ion	Ratio	Lower	Upper
57	100		
41	83.0	67.8	101.6
43	214.1	173.6	260.4
56	53.4	42.2	63.2



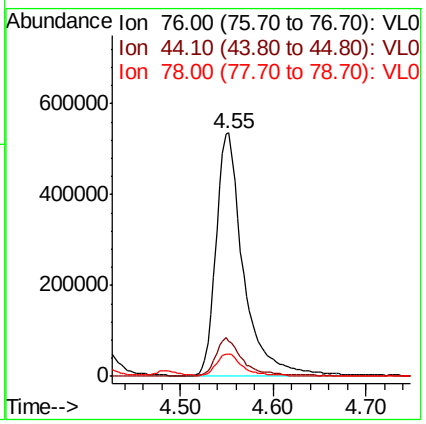


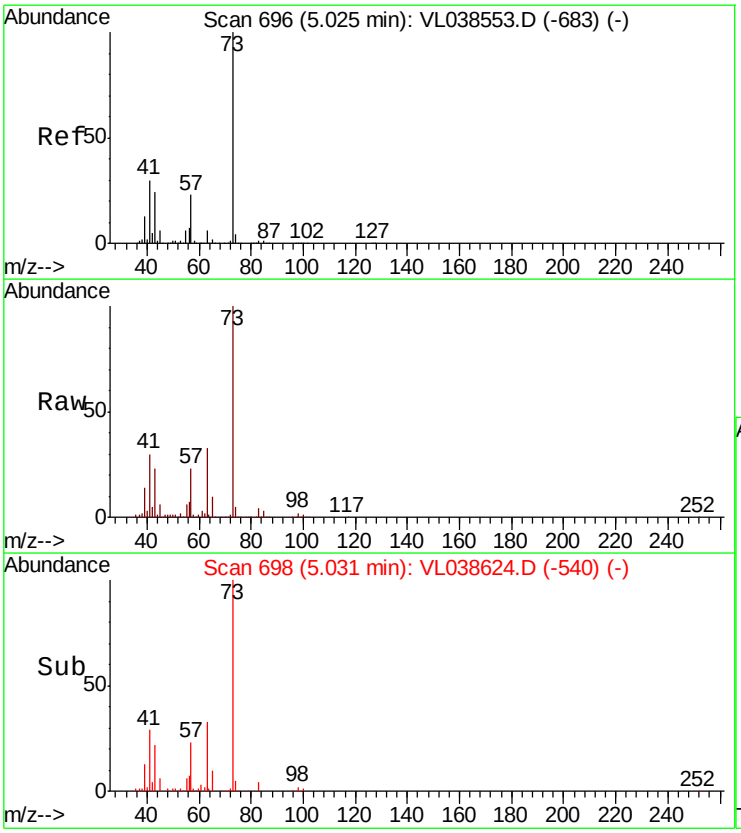
#27
Carbon Disulfide
Concen: 10.867 ppbv
RT: 4.55
Delta R.T
Lab File:
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 76 Resp: 1093051

Ion	Ratio	Lower	Upper
76	100		
44	15.3	12.9	19.3
78	9.3	7.8	11.6

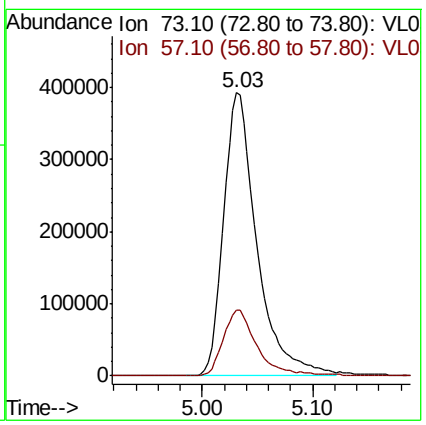


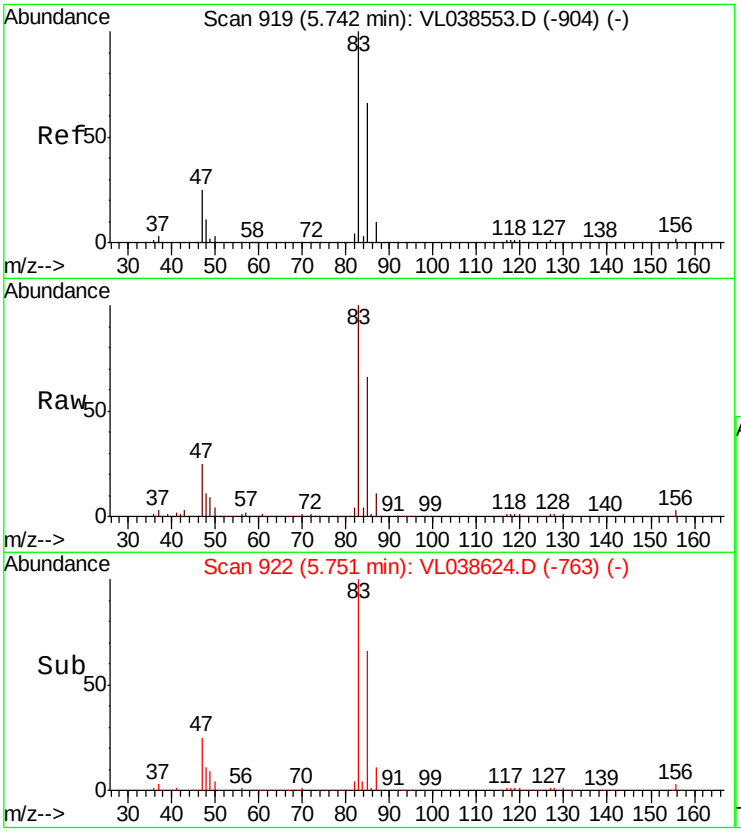


#28
Methyl tert-Butyl Ether
Concen: 9.999 ppbv
RT: 5.03 min Scan# 698
Delta R.T. 0.01 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion: 73 Resp: 821899

Ion	Ratio	Lower	Upper
73	100		
57	24.0	18.8	28.2



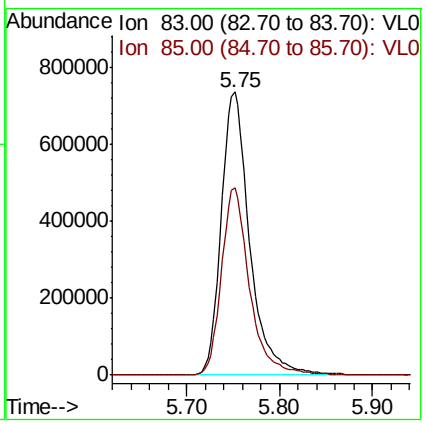


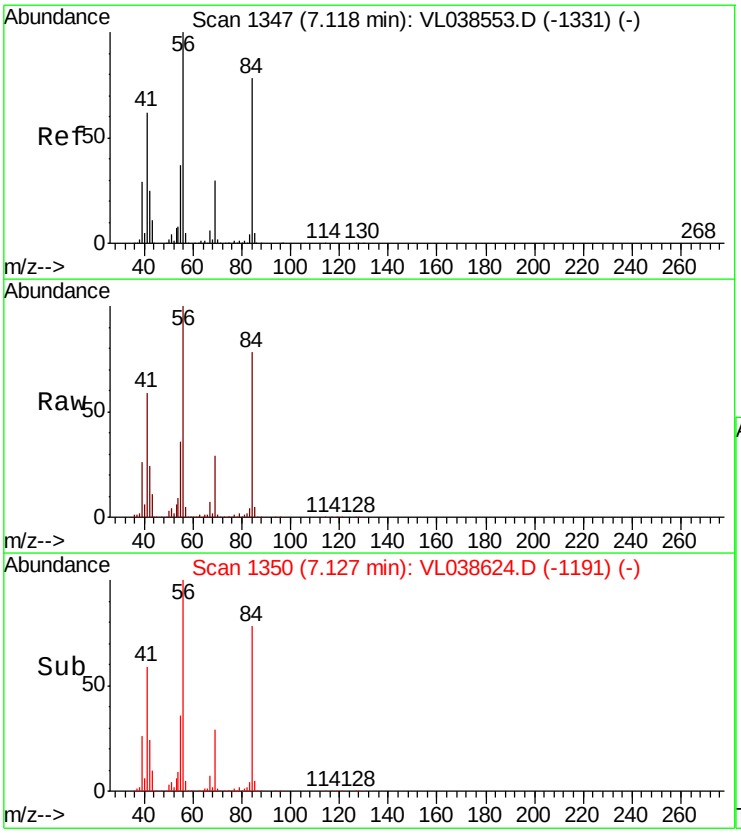
#29
Chloroform
Concen: 9.998 ppbv
RT: 5.75
Delta R.T
Lab File:
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1571344

Ion	Ratio	Lower	Upper
83	100		
85	66.1	52.8	79.2

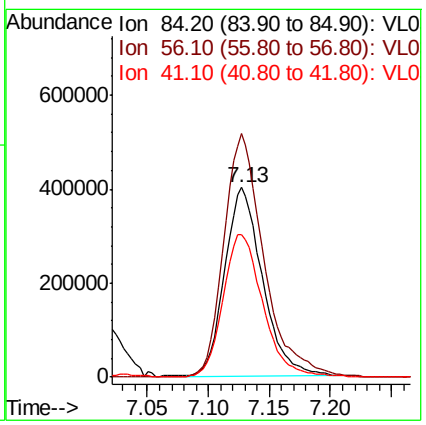


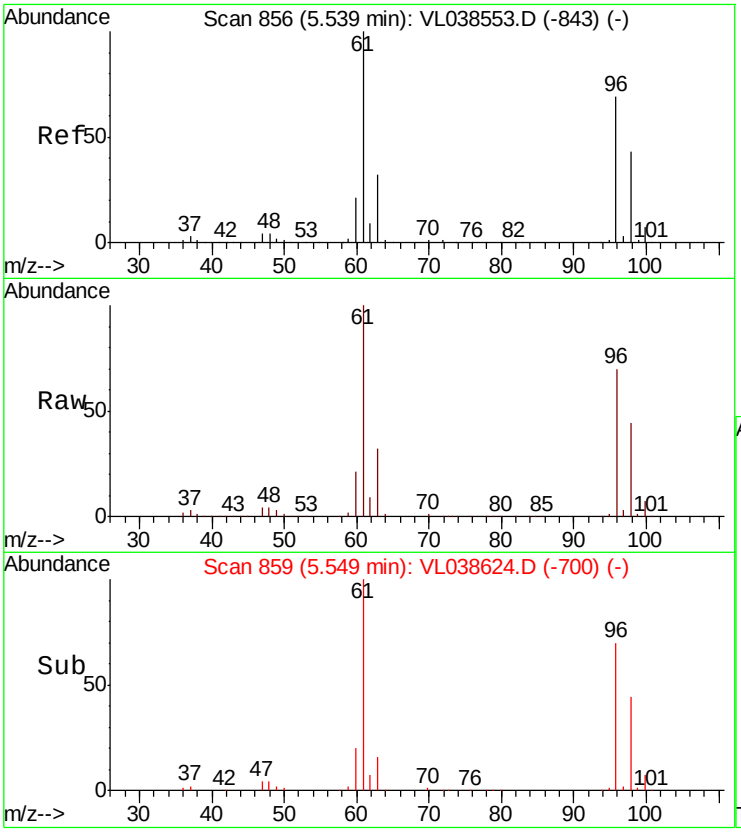


#30
Cyclohexane
Concen: 9.932 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. 0.01 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion: 84 Resp: 867463

Ion	Ratio	Lower	Upper
84	100		
56	137.3	111.4	167.0
41	79.9	65.5	98.3



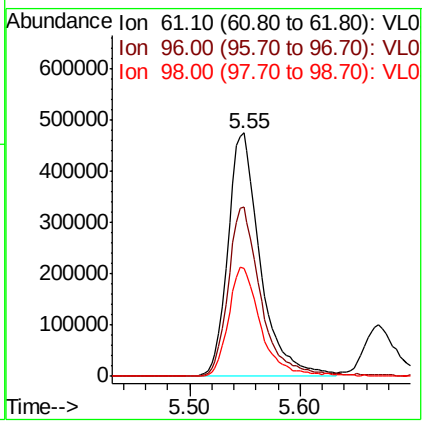


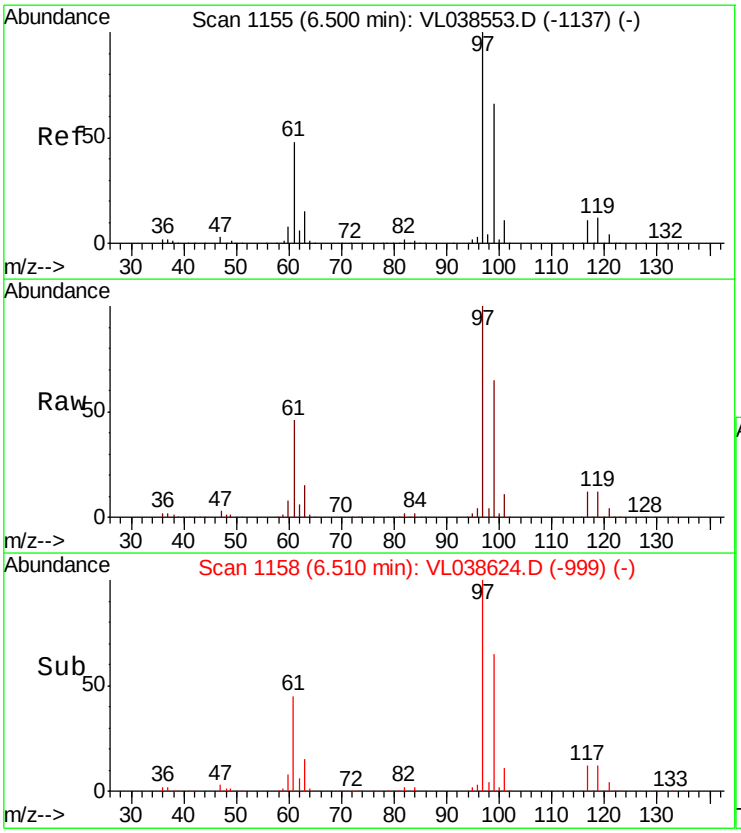
#31
cis-1,2-Dichloroethene
Concen: 9.999 ppbv
RT: 5.55
Delta R.T
Lab File:
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 61 Resp: 965970

Ion	Ratio	Lower	Upper
61	100		
96	69.5	55.2	82.8
98	44.2	34.2	51.4

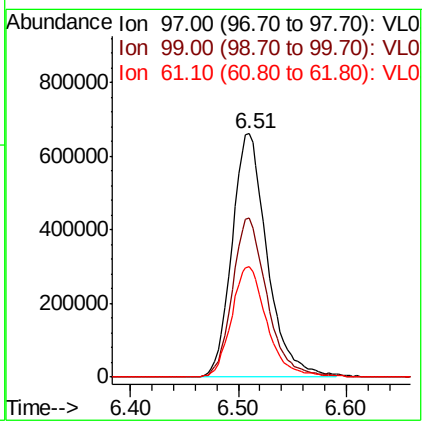


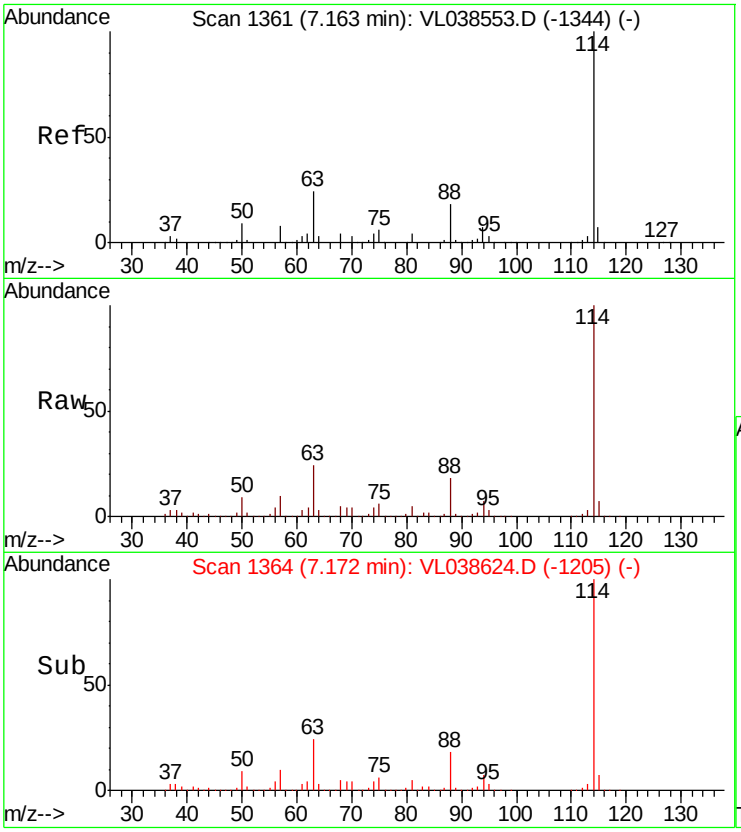


#32
1,1,1-Trichloroethane
Concen: 9.862 ppbv
RT: 6.51 min Scan# 1158
Delta R.T. 0.01 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion: 97 Resp: 1503189

Ion	Ratio	Lower	Upper
97	100		
99	64.9	52.1	78.1
61	46.2	37.7	56.5



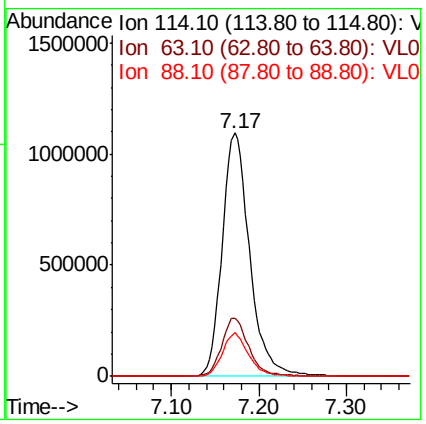


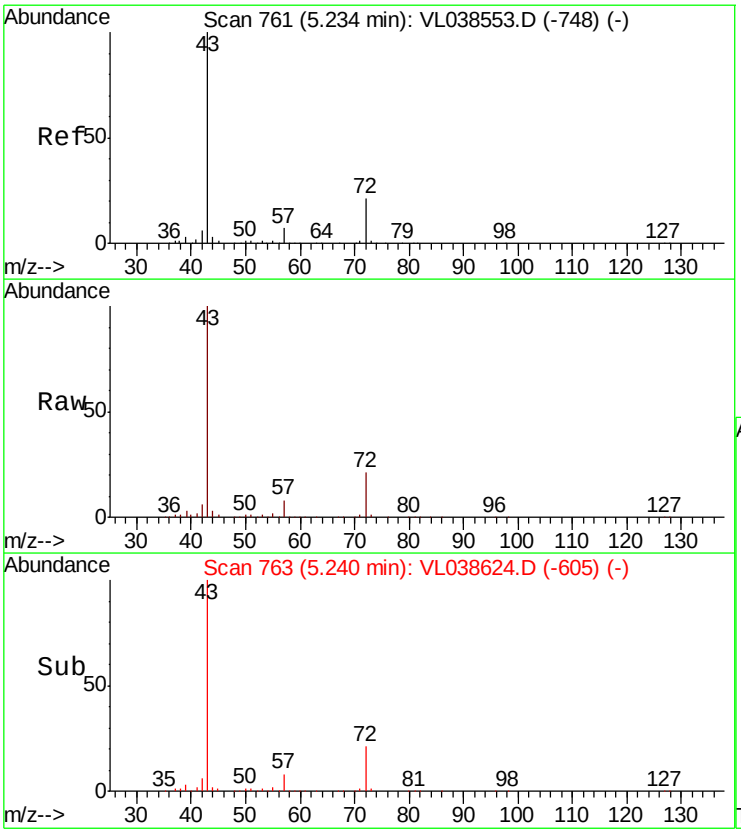
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:114 Resp: 2389934

Ion	Ratio	Lower	Upper
114	100		
63	23.9	19.6	29.4
88	17.1	13.9	20.9

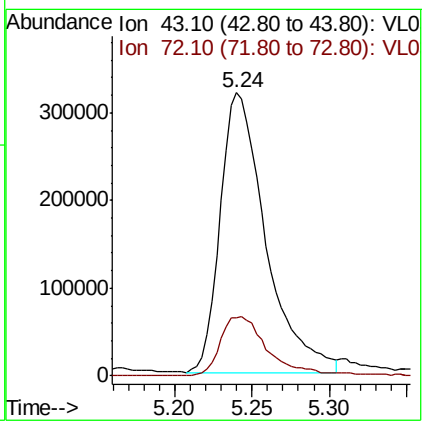


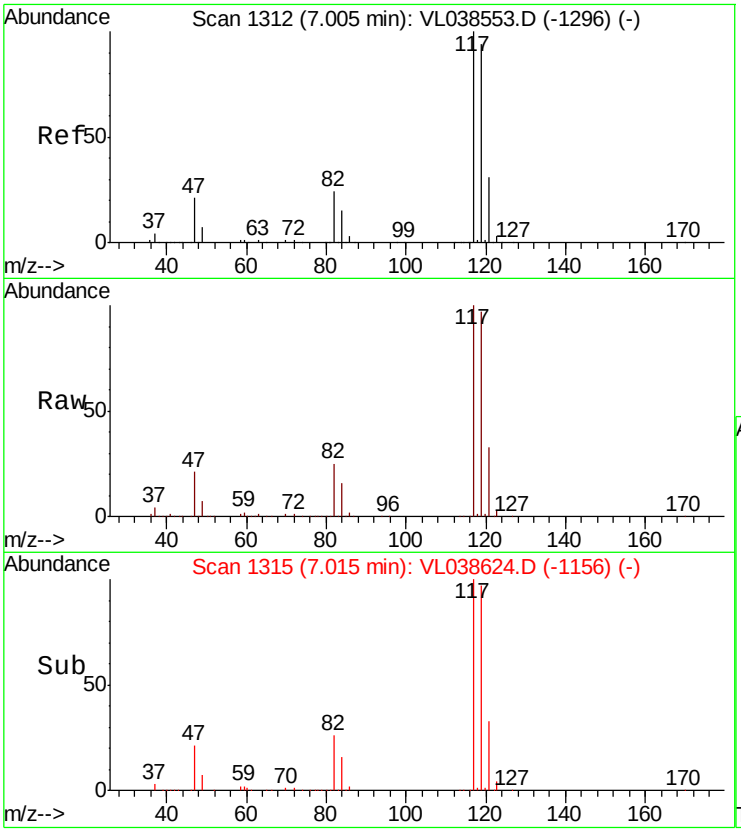


#34
2-Butanone
Concen: 10.541 ppbv
RT: 5.24 min Scan# 763
Delta R.T. 0.01 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion: 43 Resp: 652977

Ion	Ratio	Lower	Upper
43	100		
72	23.3	17.8	26.6



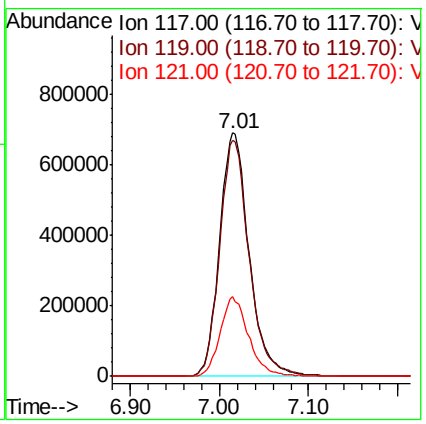


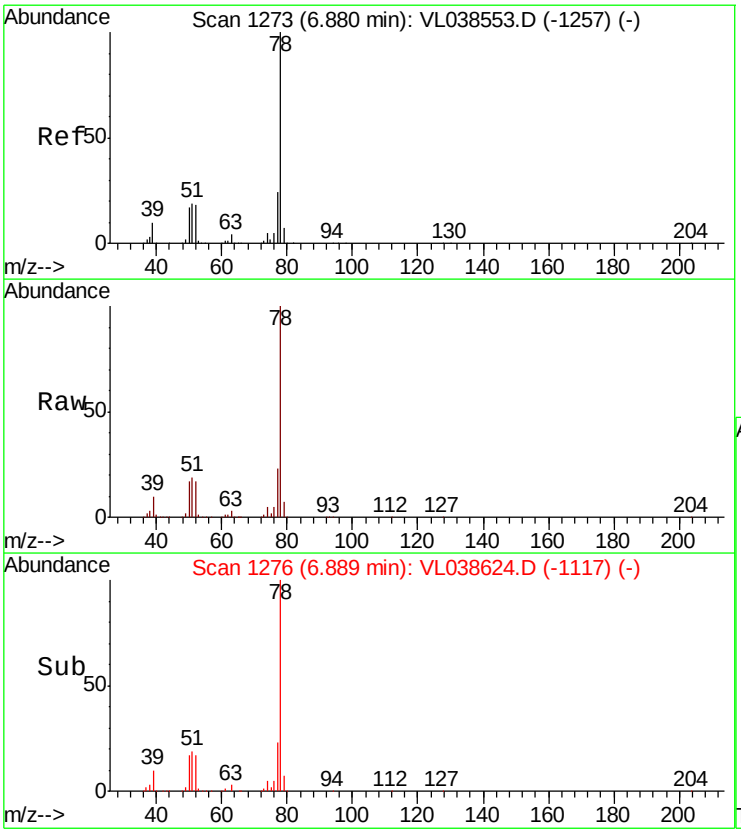
#35
Carbon Tetrachloride
Concen: 9.710 ppbv
RT: 7.01
Delta R.T
Lab File:
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 1582803

Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.2	112.8
121	32.6	24.8	37.2

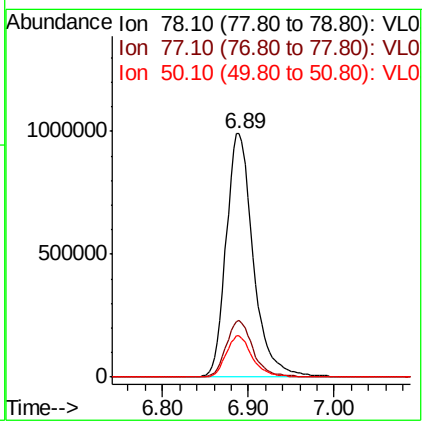


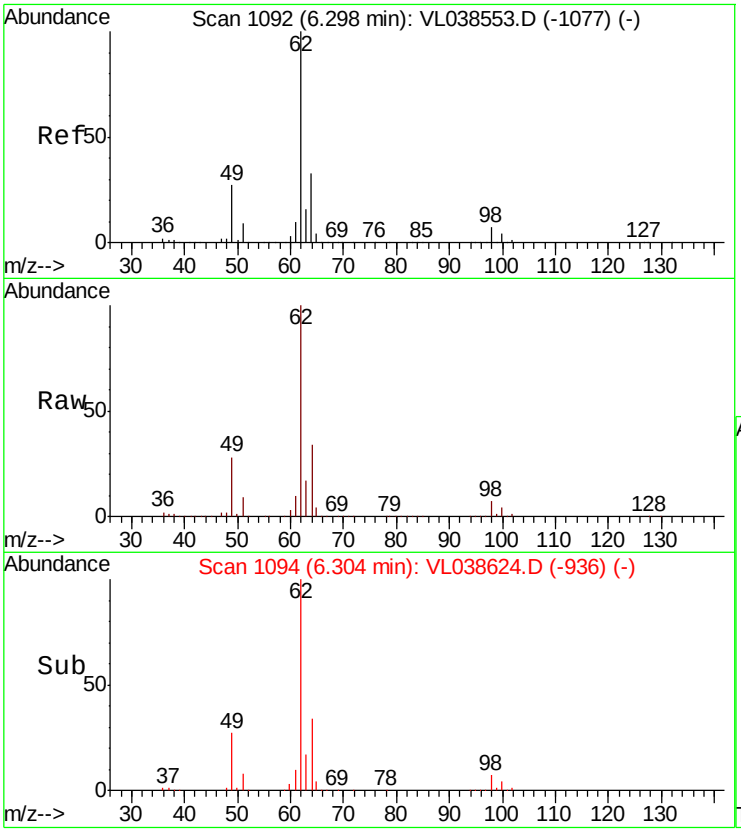


#36
Benzene
Concen: 10.038 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. 0.01 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion: 78 Resp: 2164866

Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.4
50	17.1	13.9	20.9



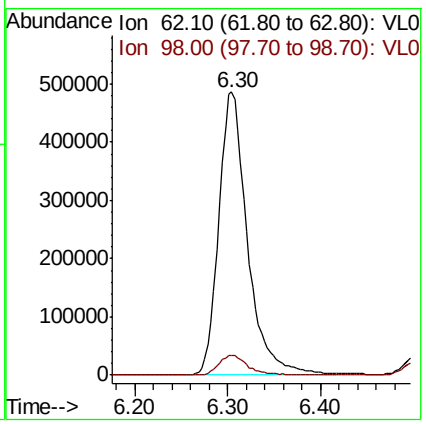


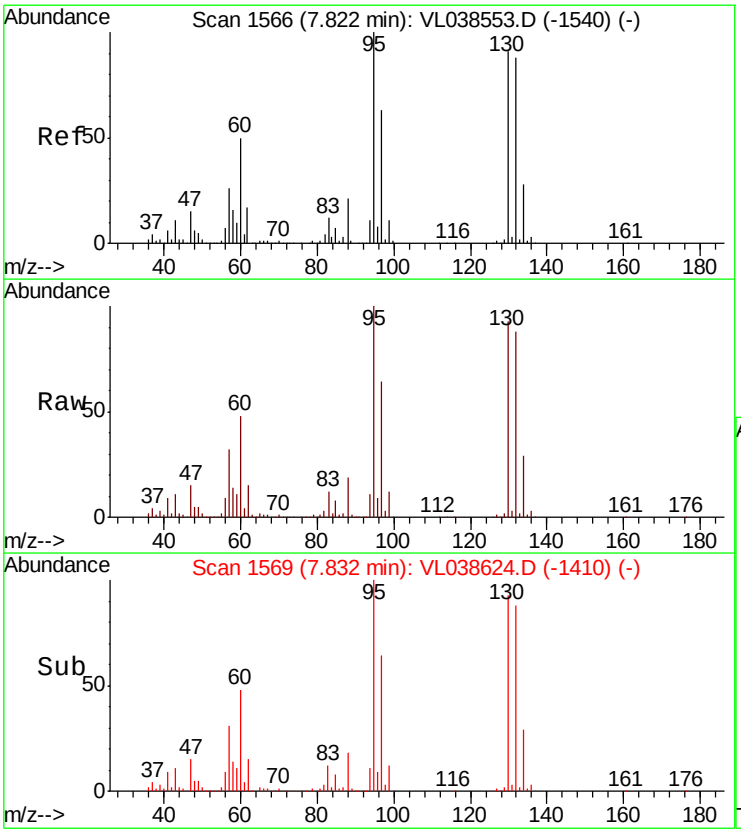
#37
1,2-Dichloroethane
Concen: 10.169 ppbv
RT: 6.30
Delta R.T
Lab File:
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 1048015

Ion	Ratio	Lower	Upper
62	100		
98	7.4	5.7	8.5

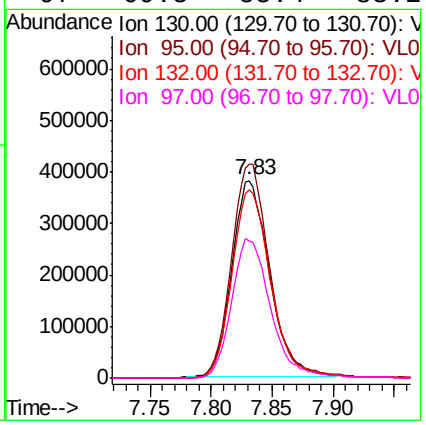


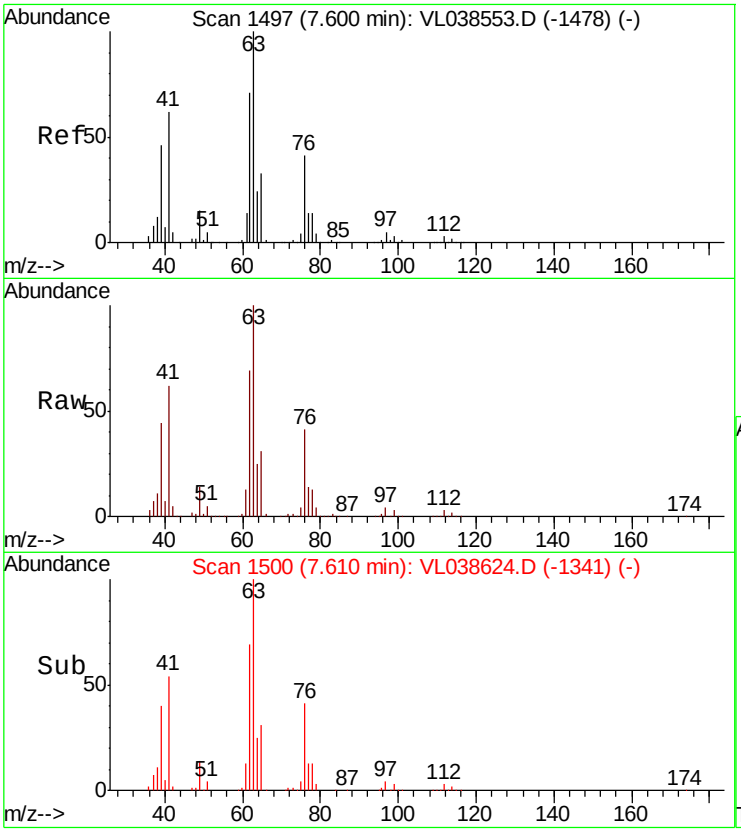


#38
Trichloroethene
Concen: 9.474 ppbv
RT: 7.83 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion:130 Resp: 816201

Ion	Ratio	Lower	Upper
130	100		
95	108.5	87.8	131.8
132	95.4	77.5	116.3
97	69.5	55.4	83.2



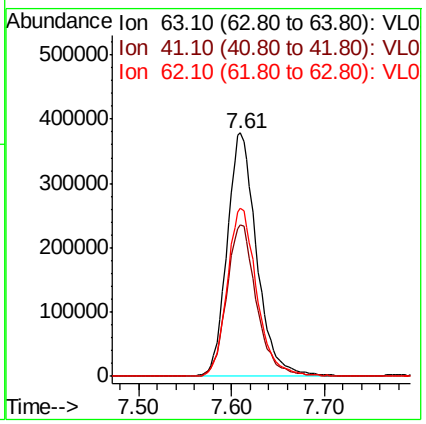


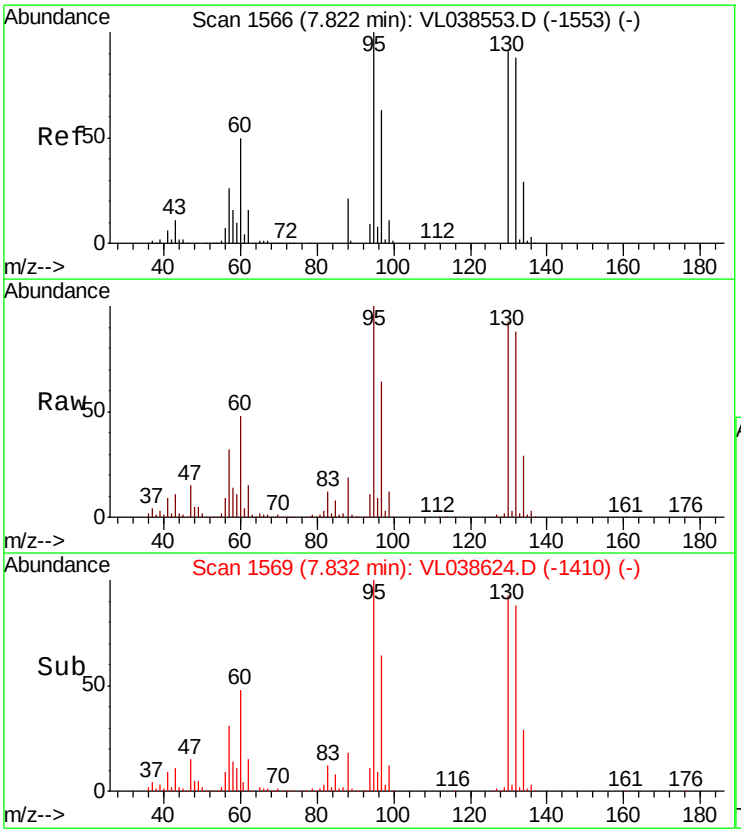
#39
1,2-Dichloropropane
Concen: 10.110 ppbv
RT: 7.61
Delta R.T
Lab File:
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 63 Resp: 838534

Ion	Ratio	Lower	Upper
63	100		
41	62.2	49.8	74.6
62	69.1	56.7	85.1

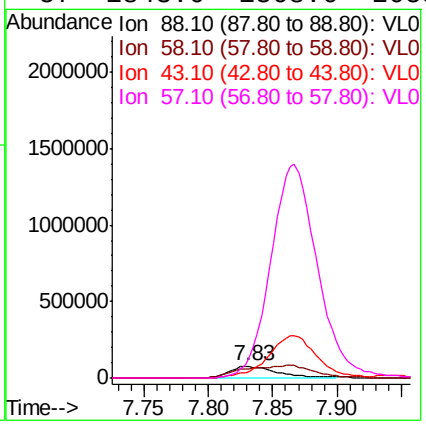


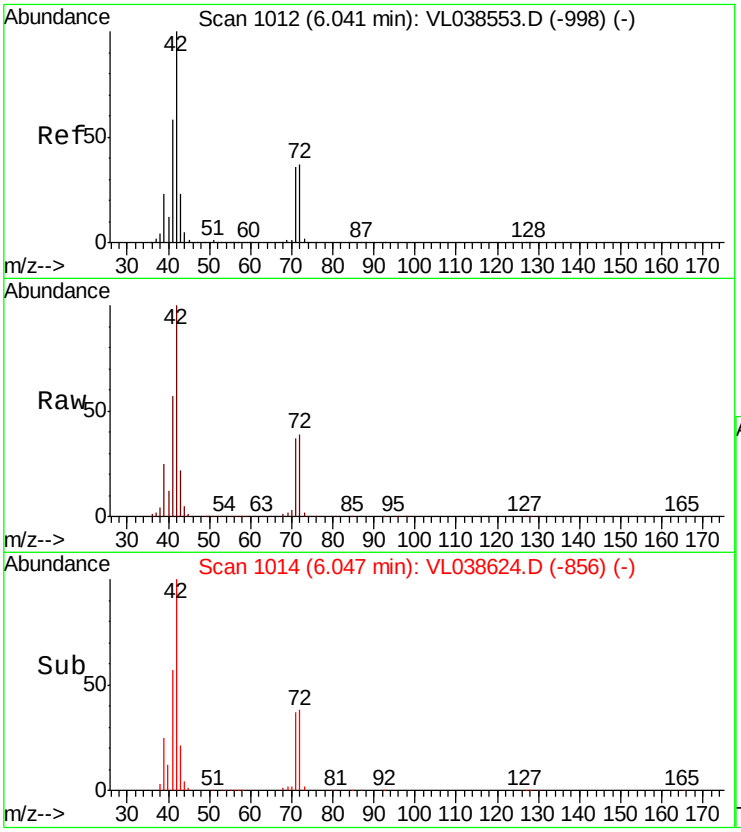


#40
1,4-Dioxane
Concen: 9.255 ppbv
RT: 7.83 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion: 88 Resp: 192110

Ion	Ratio	Lower	Upper
88	100		
58	166.1	126.7	190.1
43	377.2	303.0	454.6
57	1843.0	1368.6	2053.0



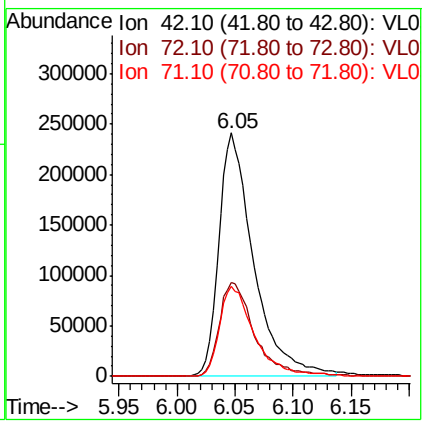


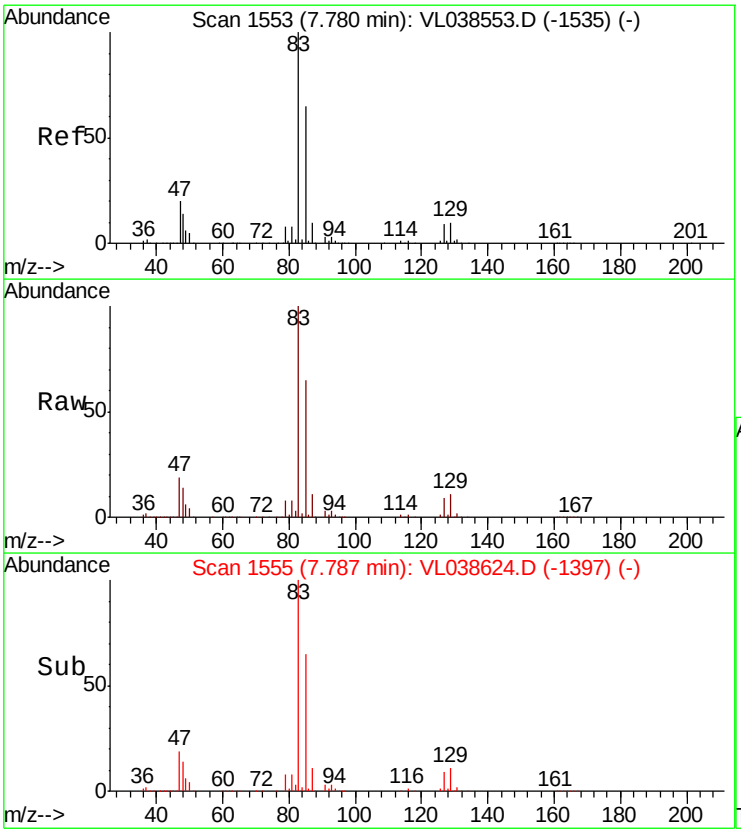
#41
Tetrahydrofuran
Concen: 9.932 ppbv
RT: 6.05
Delta R.T
Lab File:
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 503375

Ion	Ratio	Lower	Upper
42	100		
72	39.8	30.9	46.3
71	37.7	29.1	43.7

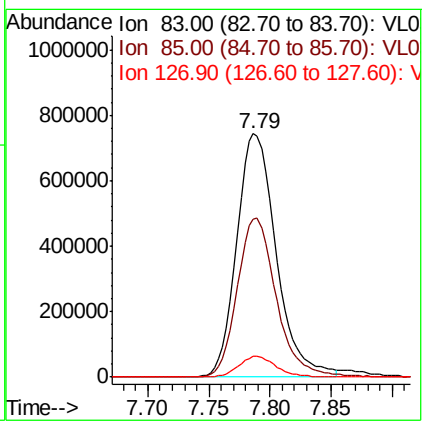


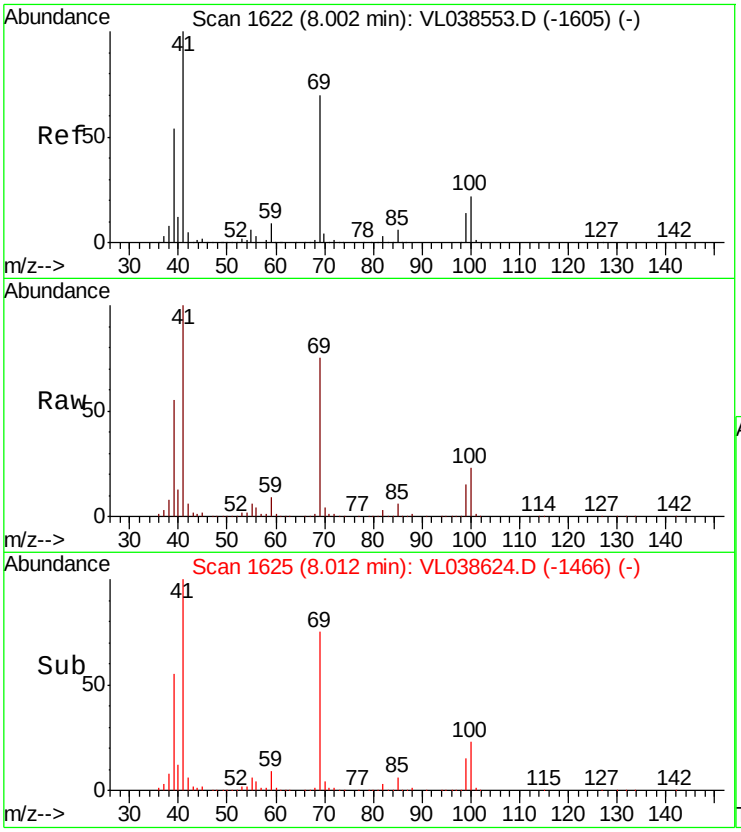


#42
Bromodichloromethane
Concen: 10.204 ppbv
RT: 7.79 min Scan# 1555
Delta R.T. 0.01 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion: 83 Resp: 1667592

Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.7	77.5
127	8.5	6.9	10.3



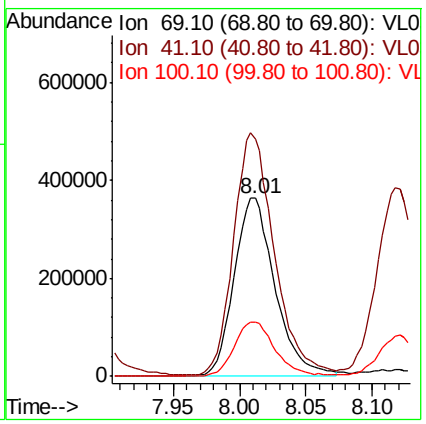


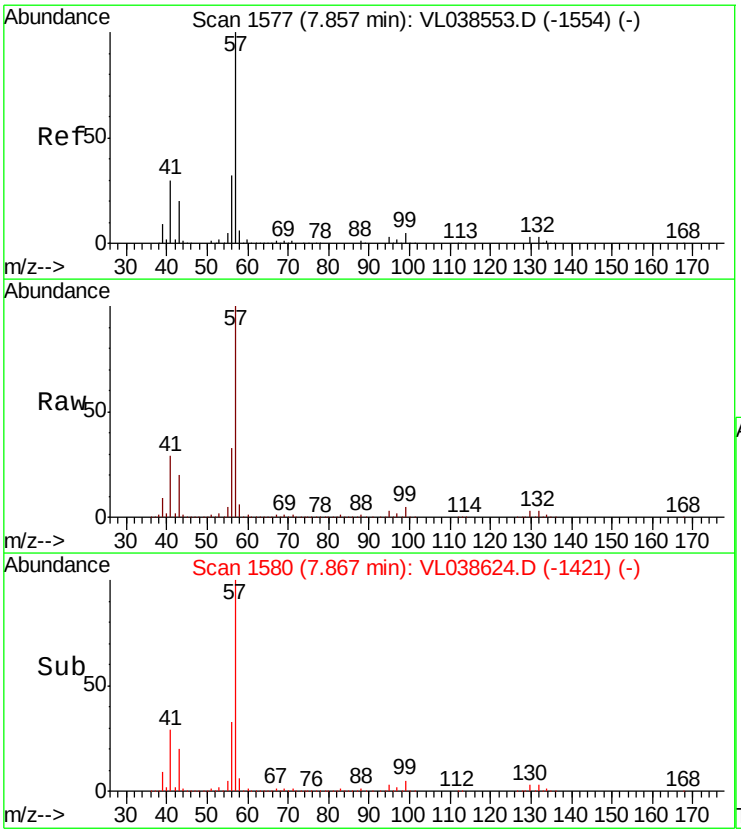
#43
Methyl Methacrylate
Concen: 10.530 ppbv
RT: 8.01
Delta R.T
Lab File:
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 779522

Ion	Ratio	Lower	Upper
69	100		
41	136.5	113.8	170.6
100	30.5	24.4	36.6

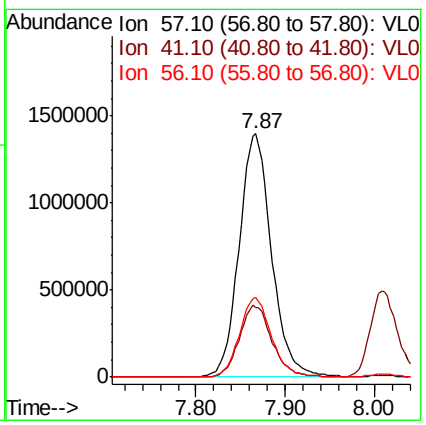


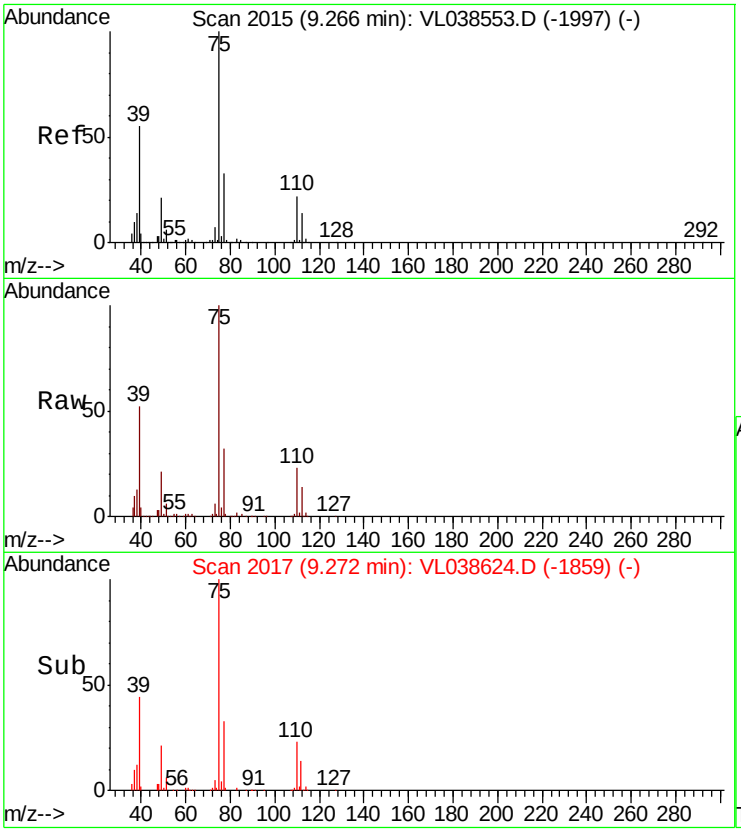


#44
2,2,4-Trimethylpentane
Concen: 9.690 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion: 57 Resp: 3533329

Ion	Ratio	Lower	Upper
57	100		
41	29.5	24.0	36.0
56	32.1	25.6	38.4



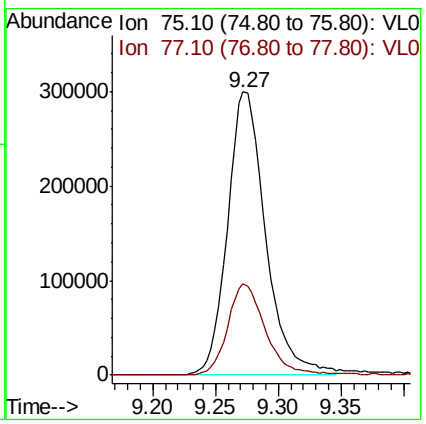


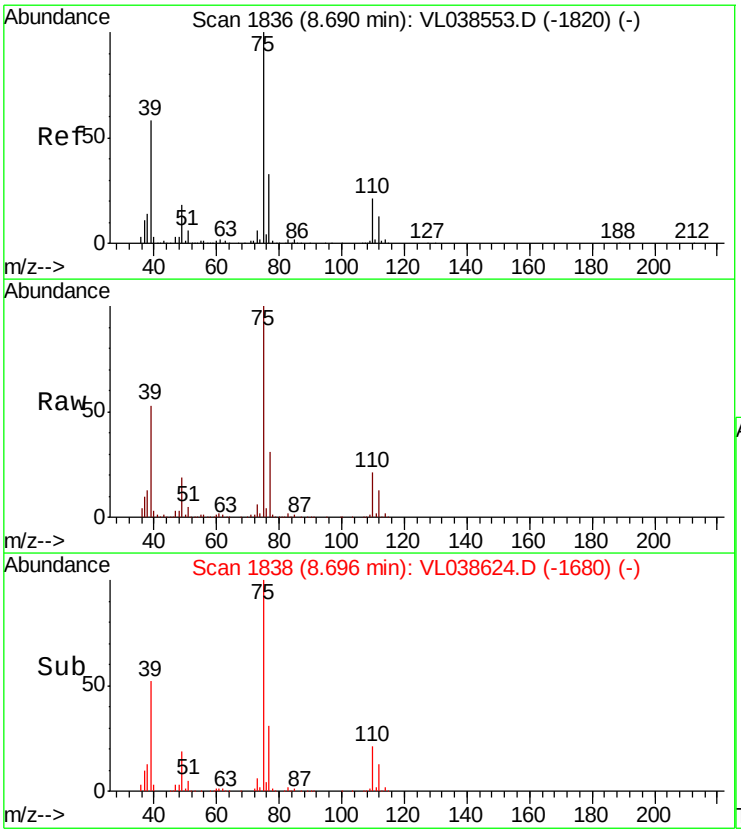
#45
t-1,3-Dichloropropene
Concen: 11.791 ppbv
RT: 9.27
Delta R.T
Lab File:
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 629049

Ion	Ratio	Lower	Upper
75	100		
77	32.5	26.6	40.0

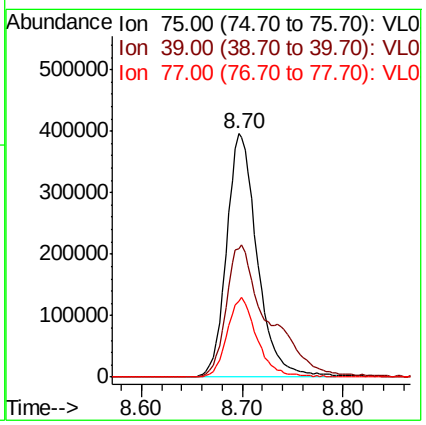


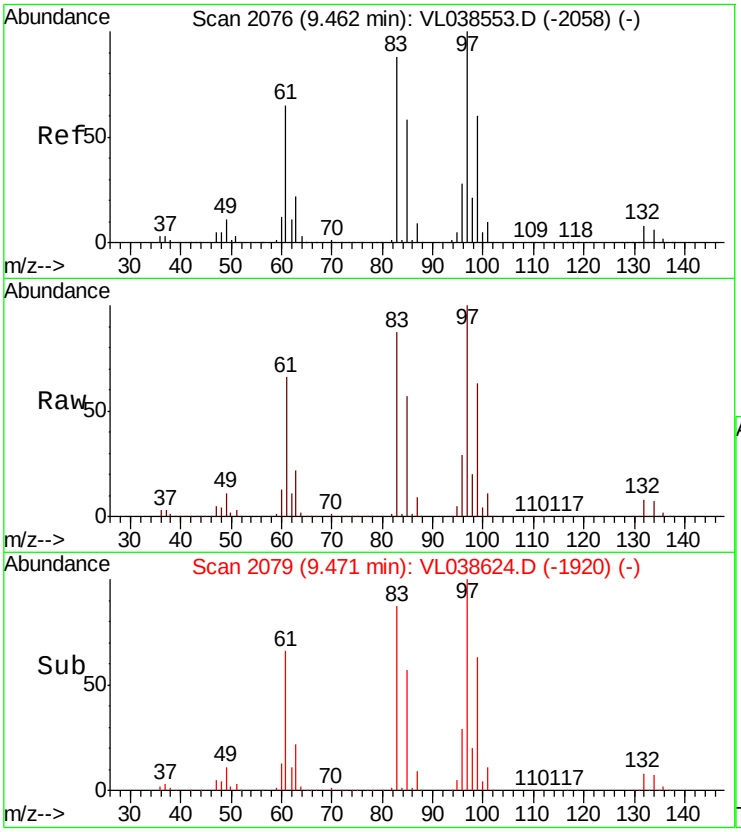


#46
cis-1,3-Dichloropropene
Concen: 11.480 ppbv
RT: 8.70 min Scan# 1838
Delta R.T. 0.01 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion: 75 Resp: 837491

Ion	Ratio	Lower	Upper
75	100		
39	52.8	46.2	69.2
77	31.3	26.2	39.2



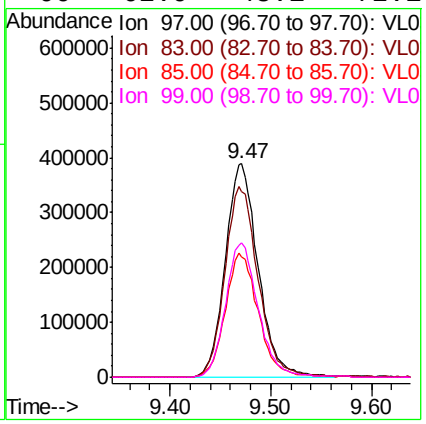


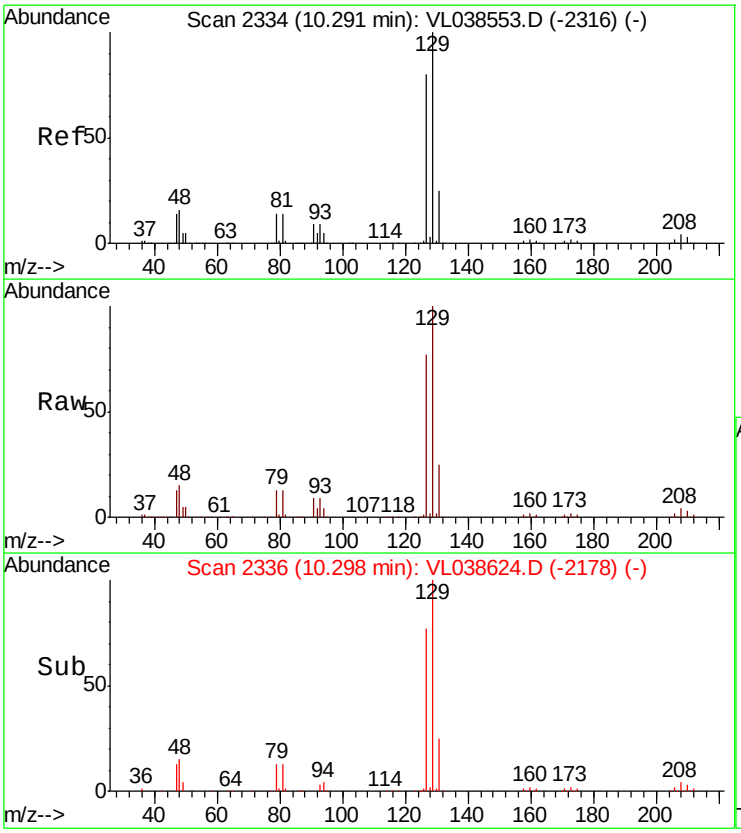
#47
1,1,2-Trichloroethane
Concen: 10.454 ppbv
RT: 9.47
Delta R.T
Lab File:
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 97 Resp: 883665

Ion	Ratio	Lower	Upper
97	100		
83	86.8	70.1	105.1
85	56.6	46.6	69.8
99	62.9	48.1	72.1

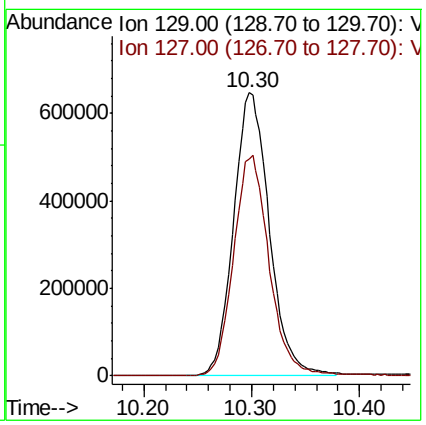


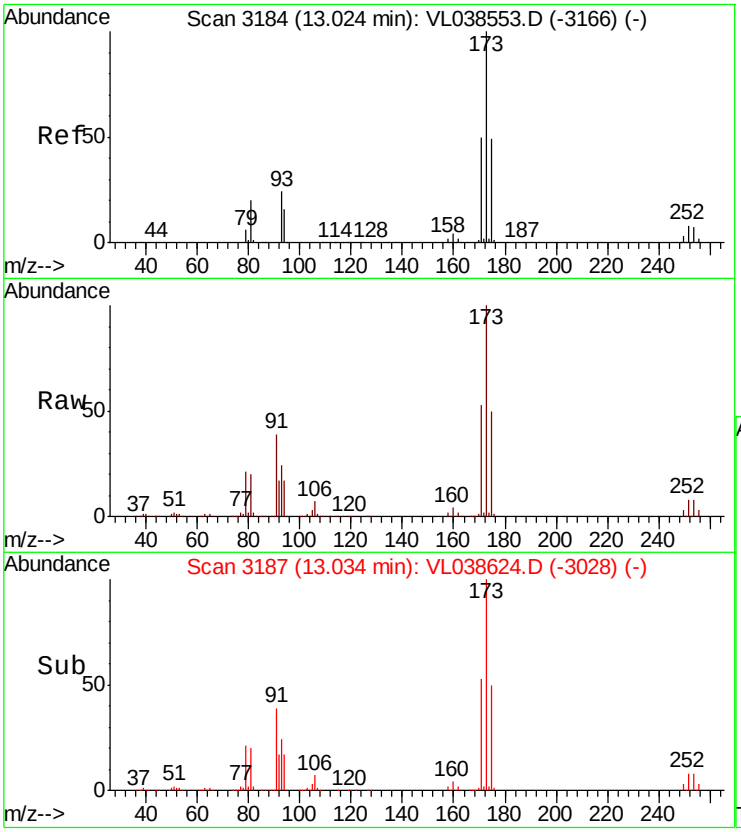


#48
Dibromochloromethane
Concen: 11.143 ppbv
RT: 10.30 min Scan# 2336
Delta R.T. 0.01 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion:129 Resp: 1495681

Ion	Ratio	Lower	Upper
129	100		
127	78.3	39.5	118.3



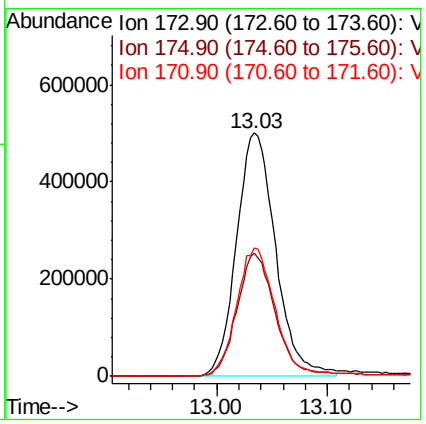


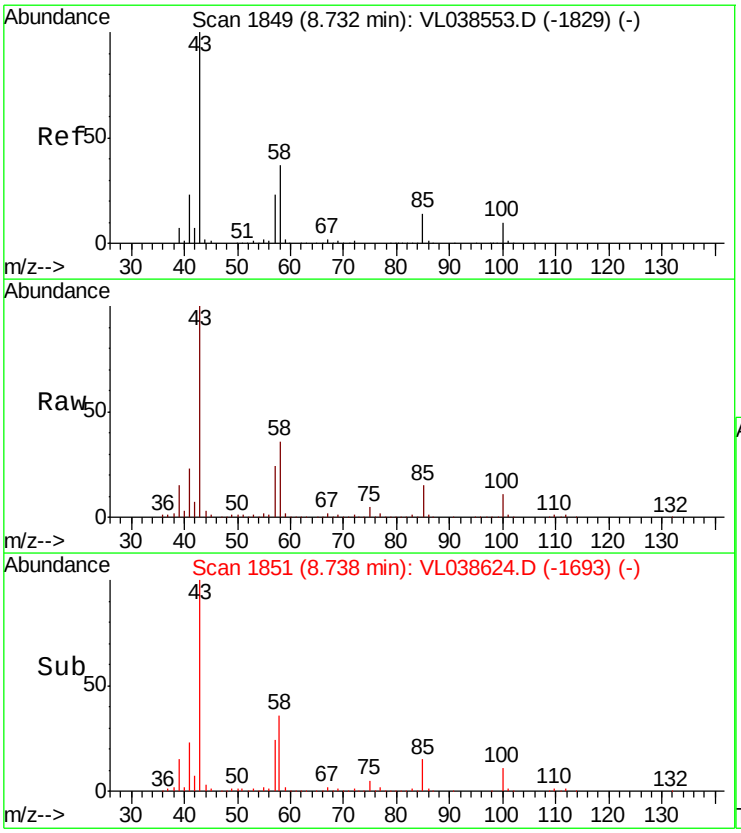
#49
Bromoform
Concen: 12.001 ppbv
RT: 13.03
Delta R.T
Lab File:
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 1233804

Ion	Ratio	Lower	Upper
173	100		
175	51.4	40.7	61.1
171	54.3	42.9	64.3

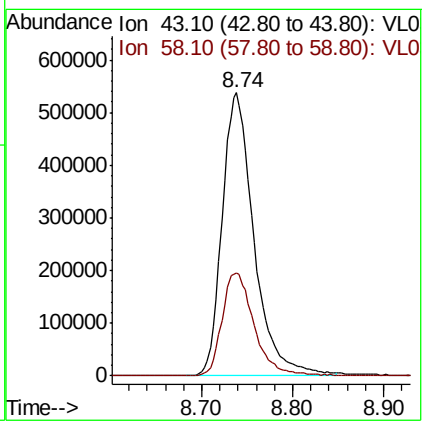


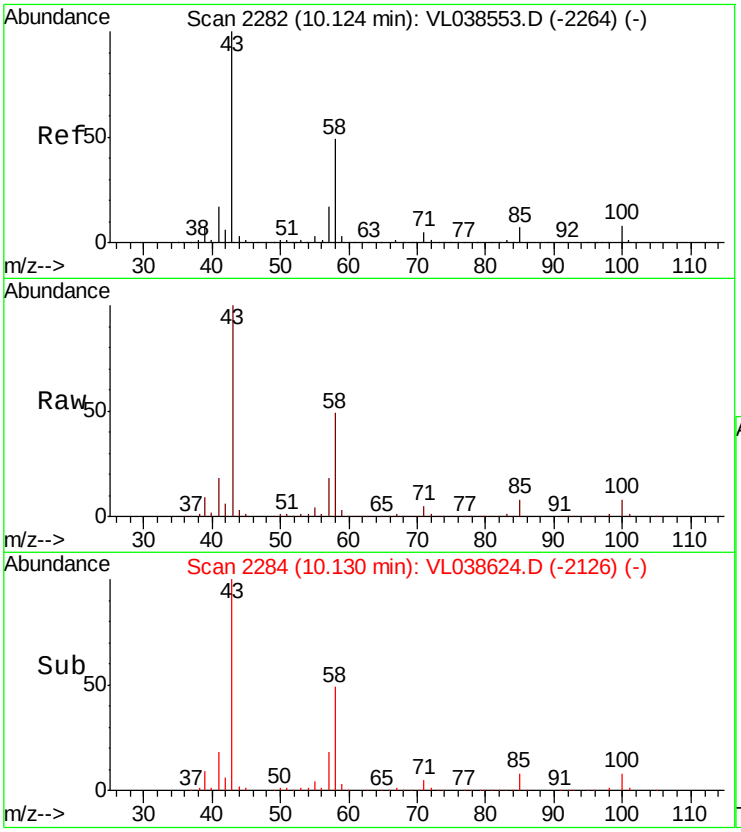


#50
4-Methyl-2-Pentanone
Concen: 10.270 ppbv
RT: 8.74 min Scan# 1851
Delta R.T. 0.01 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion: 43 Resp: 1304199

Ion	Ratio	Lower	Upper
43	100		
58	36.9	29.2	43.8



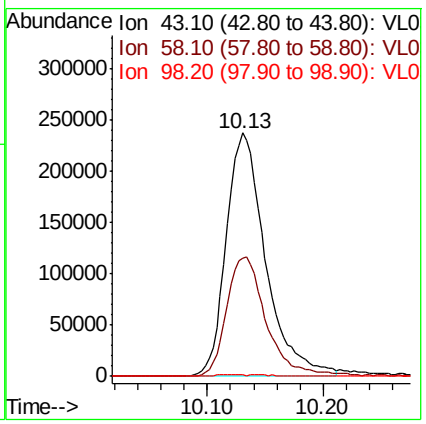


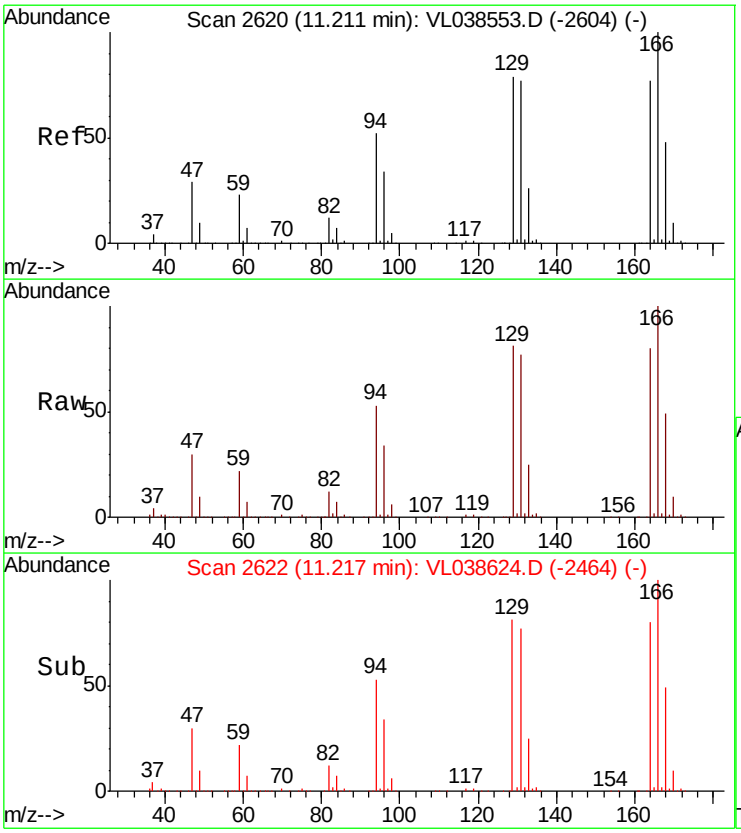
#51
2-Hexanone
Concen: 10.328 ppbv
RT: 10.13
Delta R.T
Lab File:
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 554227

Ion	Ratio	Lower	Upper
43	100		
58	50.3	40.1	60.1
98	0.9	0.4	0.6#

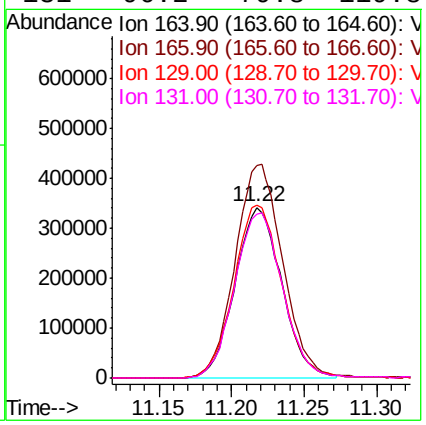


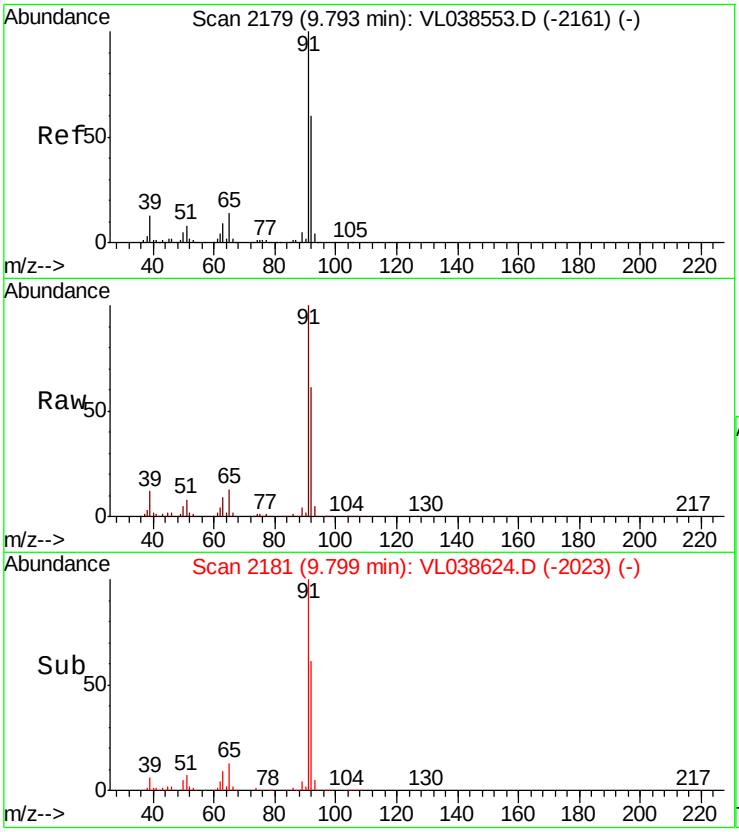


#52
Tetrachloroethene
Concen: 9.679 ppbv
RT: 11.22 min Scan# 2622
Delta R.T. 0.01 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion:164 Resp: 765111

Ion	Ratio	Lower	Upper
164	100		
166	124.5	103.4	155.2
129	100.9	81.3	121.9
131	96.2	79.8	119.8



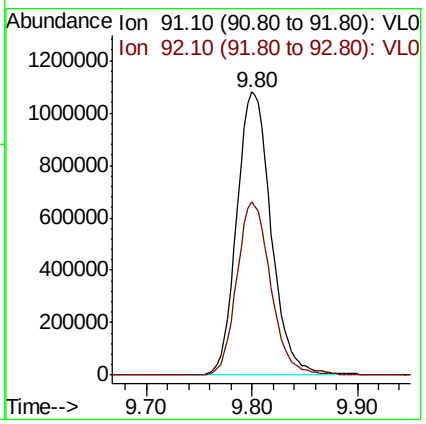


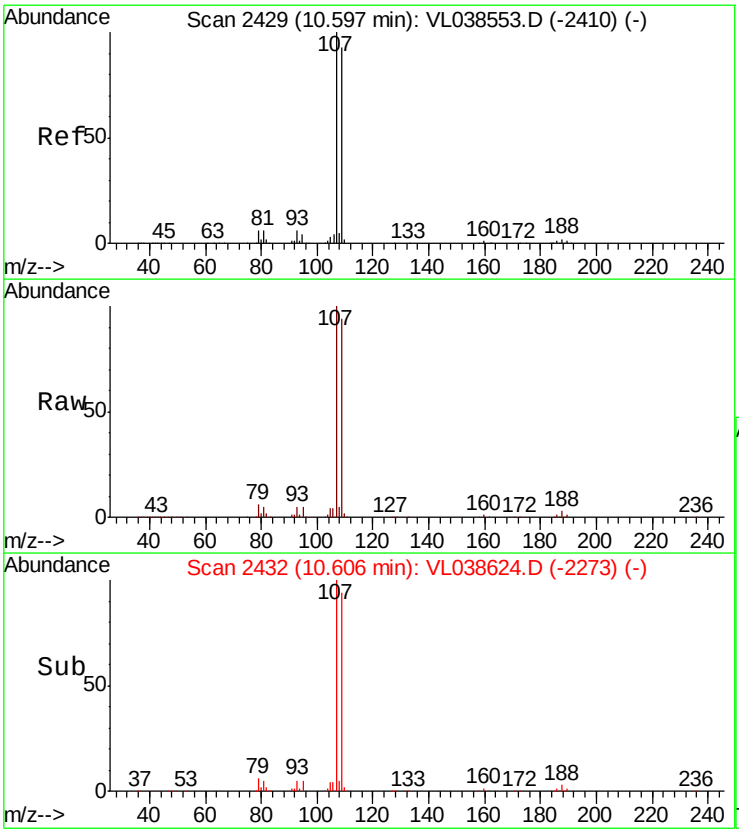
#53
Toluene
Concen: 10.602 ppbv
RT: 9.80
Delta R.T
Lab File:
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2440822

Ion	Ratio	Lower	Upper
91	100		
92	60.9	48.1	72.1

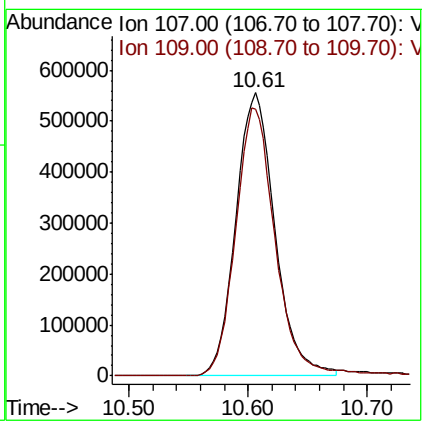


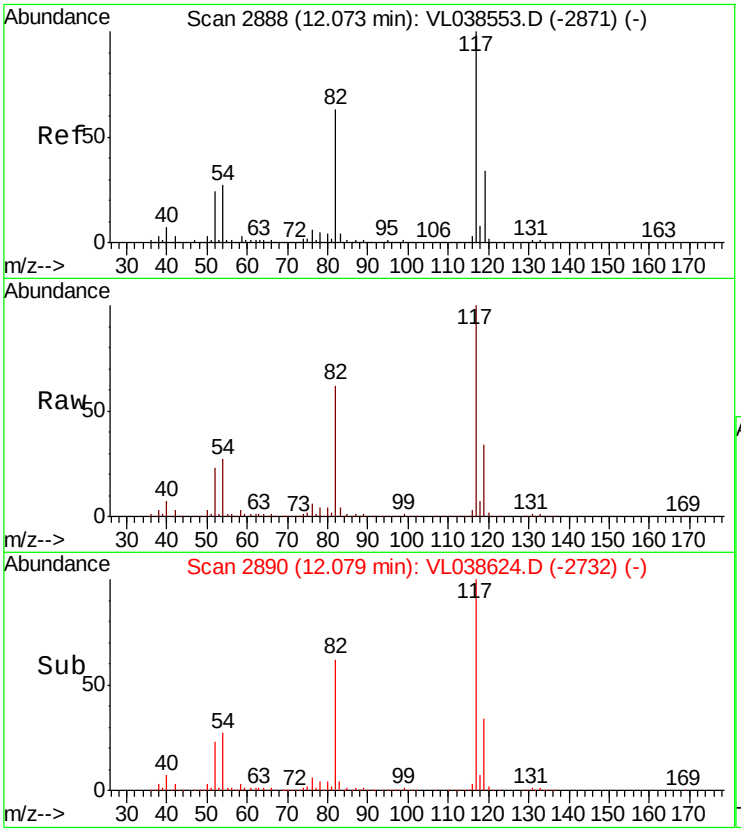


#54
1,2-Dibromoethane
Concen: 10.506 ppbv
RT: 10.61 min Scan# 2432
Delta R.T. 0.01 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion:107 Resp: 1269037

Ion	Ratio	Lower	Upper
107	100		
109	94.4	74.6	112.0



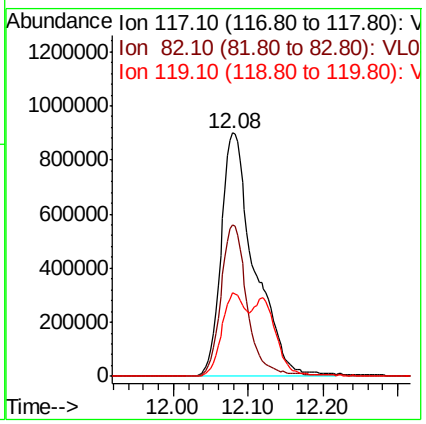


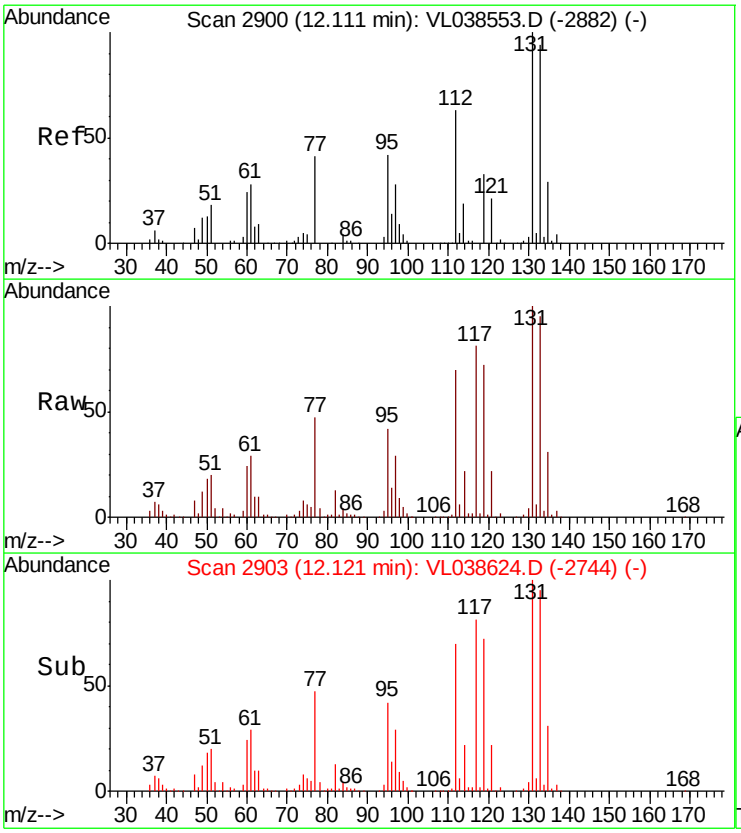
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08
Delta R.T
Lab File:
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 2780834

Ion	Ratio	Lower	Upper
117	100		
82	49.8	52.5	78.7#
119	23.5	46.4	69.6#

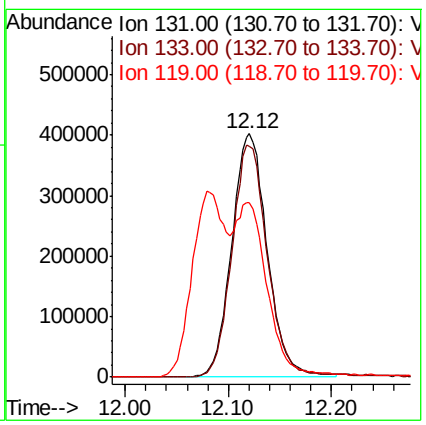


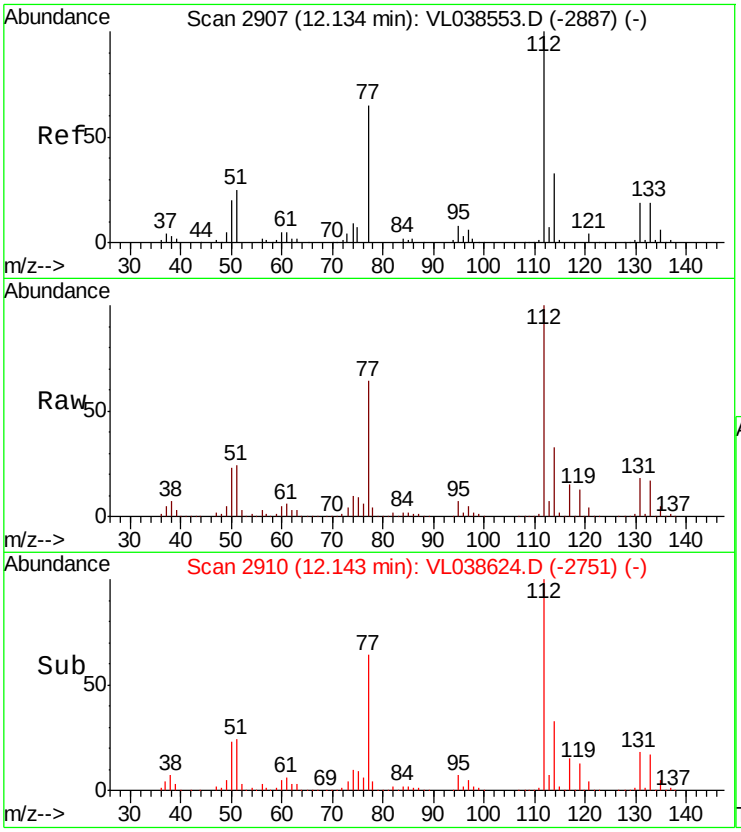


#56
1,1,1,2-Tetrachloroethane
Concen: 8.499 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. 0.01 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion:131 Resp: 962670

Ion	Ratio	Lower	Upper
131	100		
133	97.5	78.0	117.0
119	71.8	53.1	79.7



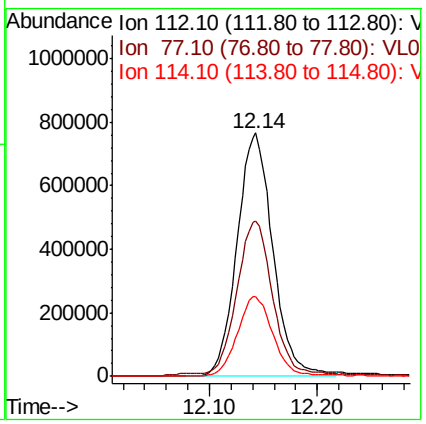


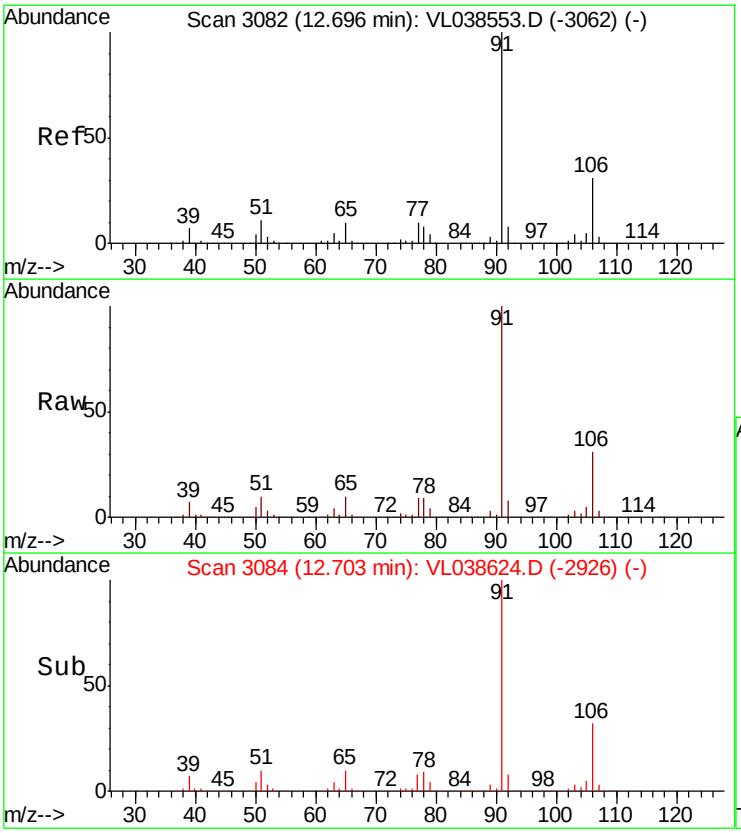
#57
Chlorobenzene
Concen: 8.328 ppbv
RT: 12.14
Delta R.T
Lab File:
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 1768193

Ion	Ratio	Lower	Upper
112	100		
77	62.7	52.5	78.7
114	32.8	30.0	36.6

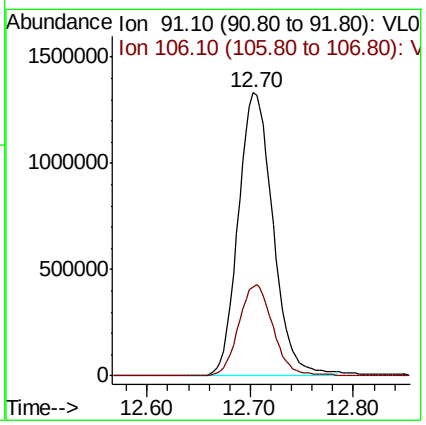


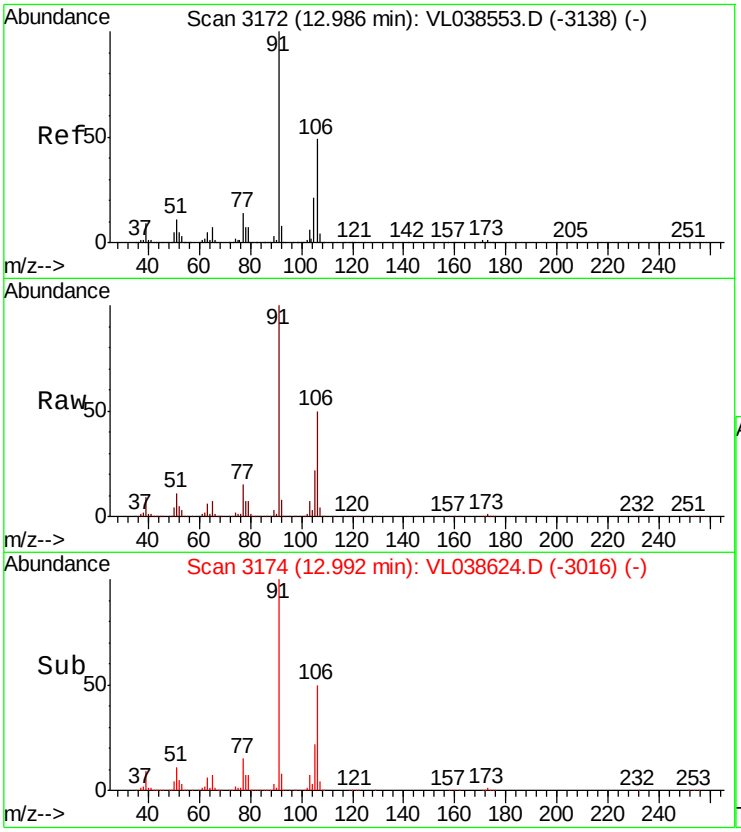


#58
Ethyl Benzene
Concen: 8.674 ppbv
RT: 12.70 min Scan# 3084
Delta R.T. 0.01 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion: 91 Resp: 3123012

Ion	Ratio	Lower	Upper
91	100		
106	31.5	24.6	37.0



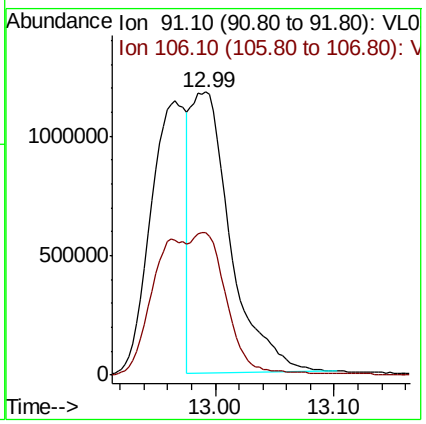


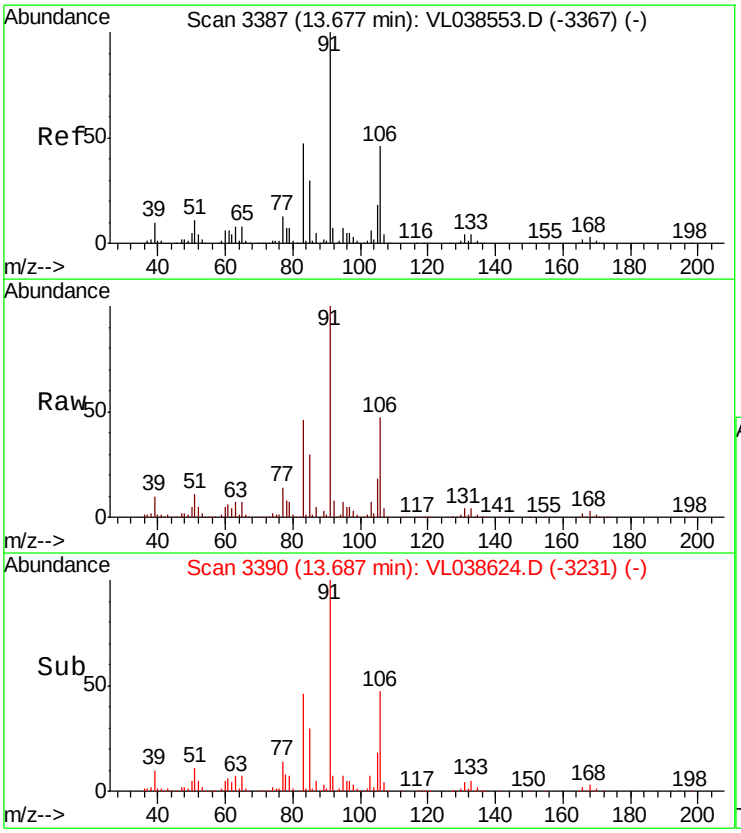
#59
m/p-Xylene
Concen: 8.893 ppbv
RT: 12.99
Delta R.T
Lab File:
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2741101

Ion	Ratio	Lower	Upper
91	100		
106	89.2	37.1	55.7#

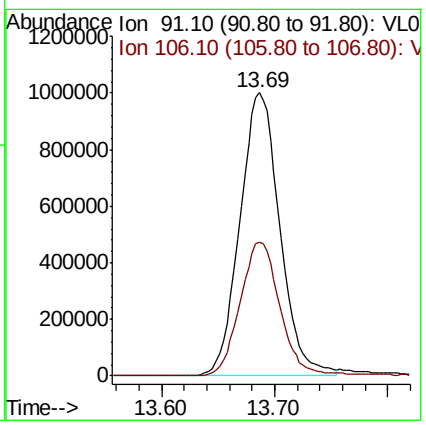


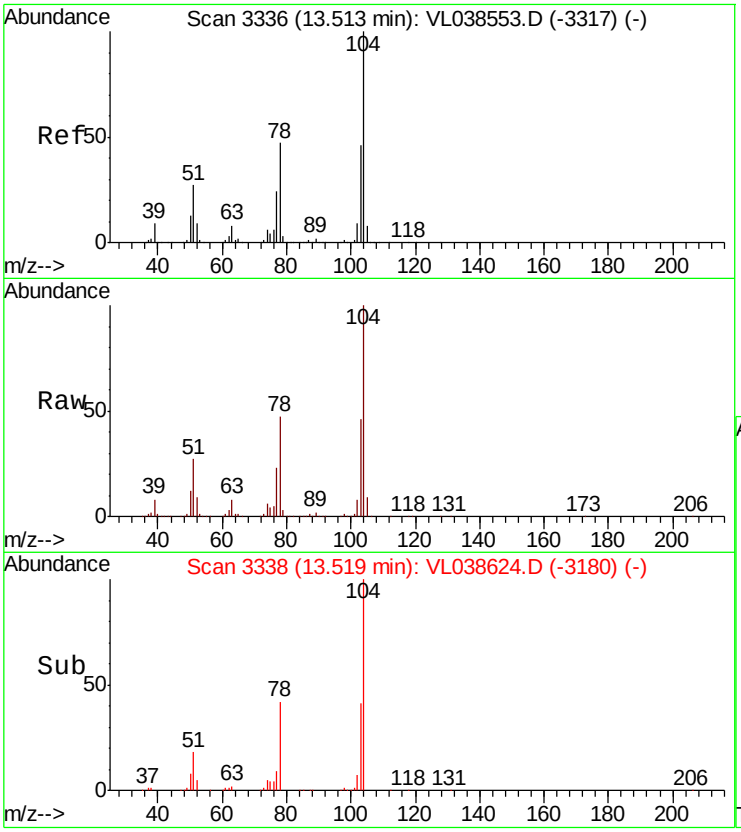


#60
o-Xylene
Concen: 8.420 ppbv
RT: 13.69 min Scan# 3390
Delta R.T. 0.01 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion: 91 Resp: 2450630

Ion	Ratio	Lower	Upper
91	100		
106	48.3	23.5	70.6



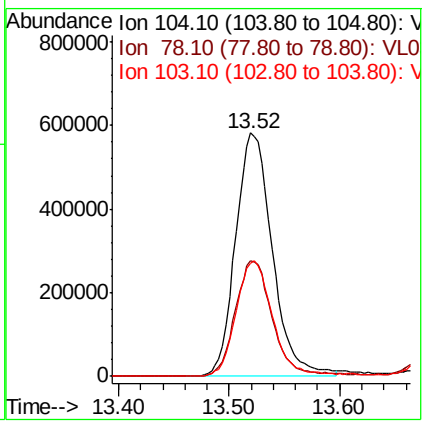


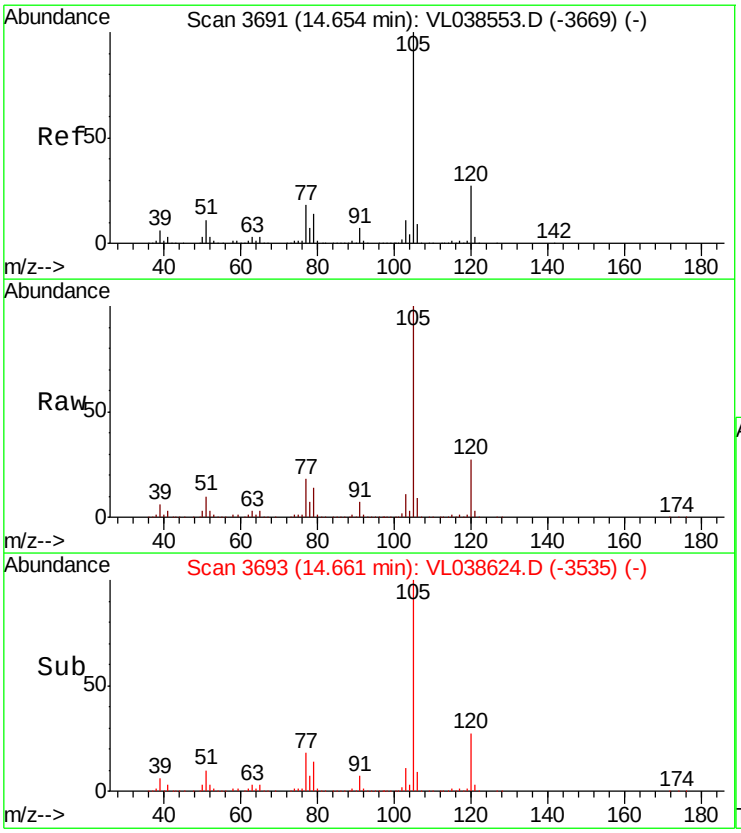
#61
Stvrene
Concen: 9.400 ppbv
RT: 13.52
Delta R.T
Lab File:
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 1348272

Ion	Ratio	Lower	Upper
104	100		
78	48.2	39.0	58.4
103	47.7	38.0	57.0

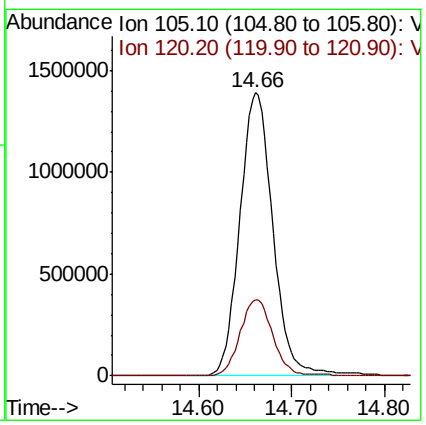


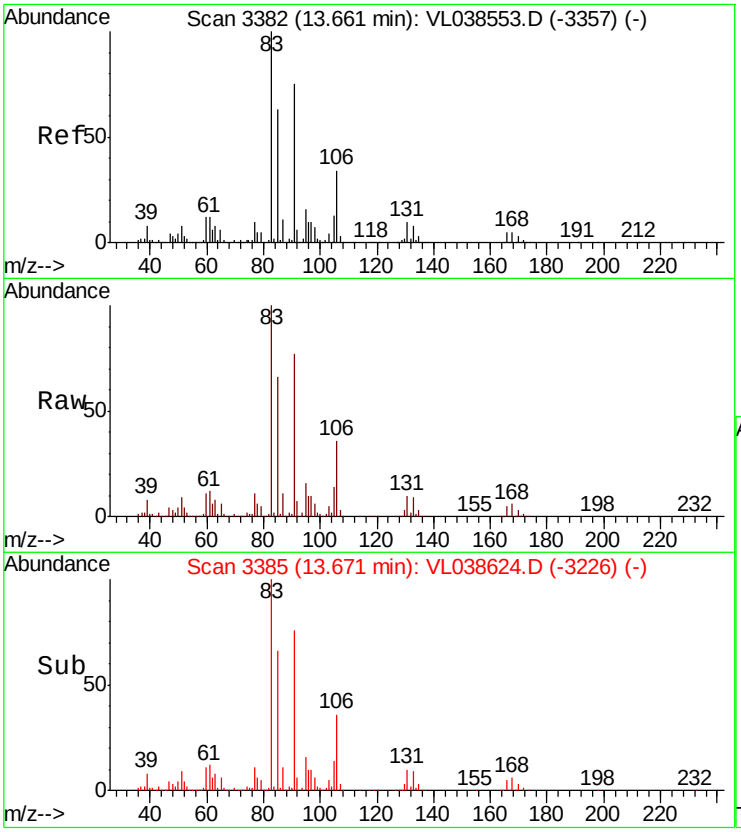


#62
Isopropylbenzene
Concen: 8.537 ppbv
RT: 14.66 min Scan# 3693
Delta R.T. 0.01 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion:105 Resp: 3428469

Ion	Ratio	Lower	Upper
105	100		
120	27.2	21.2	31.8



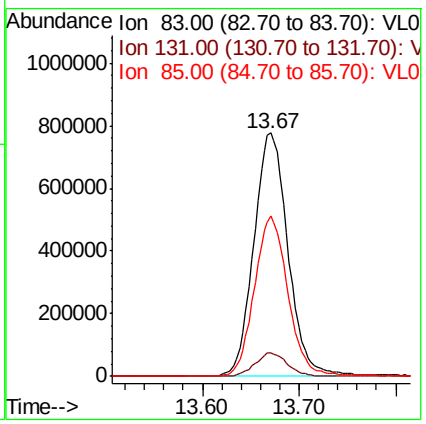


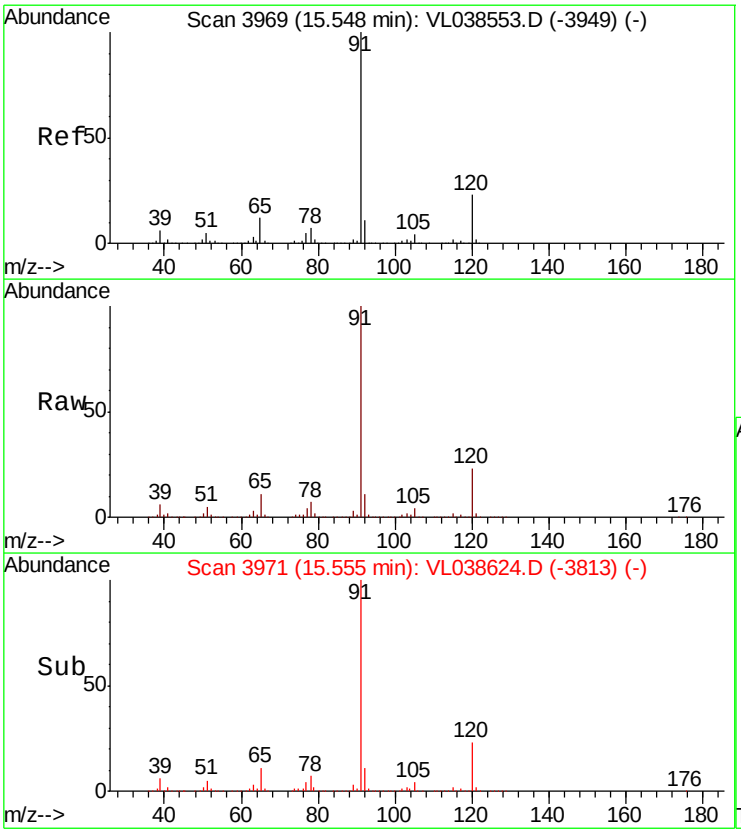
#63
1,1,2,2-Tetrachloroethane
Concen: 7.706 ppbv
RT: 13.67
Delta R.T
Lab File:
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1895143

Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.7	14.1
85	65.7	32.6	98.0

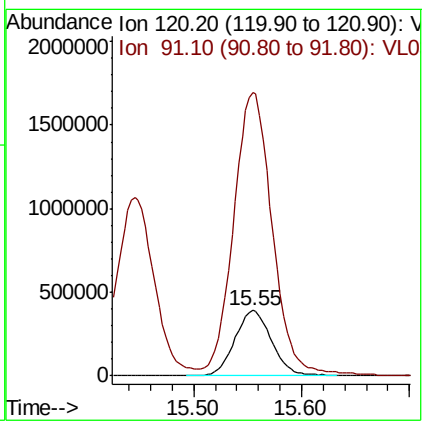


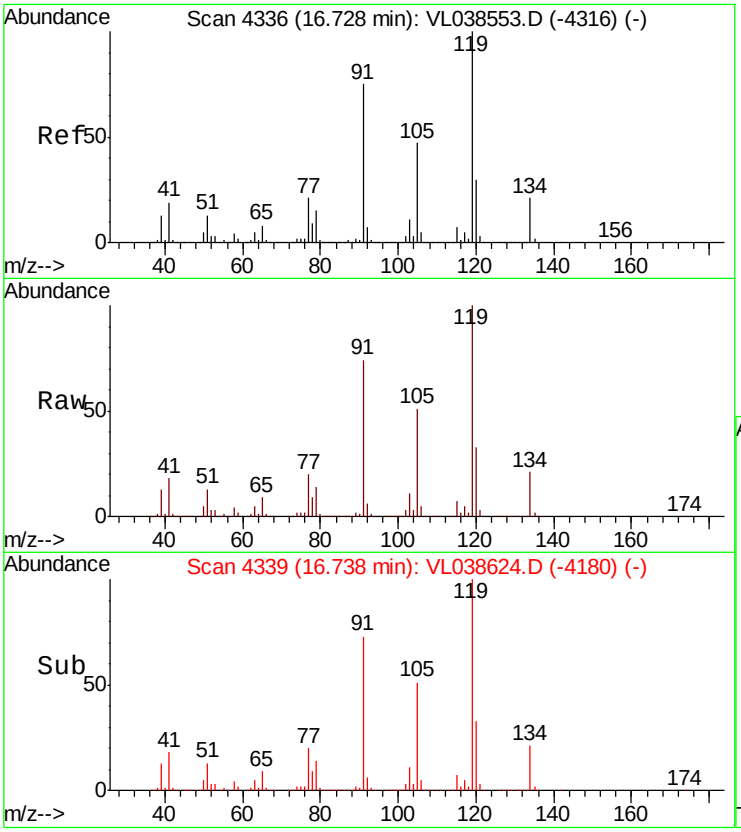


#64
n-propylbenzene
Concen: 9.128 ppbv
RT: 15.55 min Scan# 3971
Delta R.T. 0.01 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion:120 Resp: 934279

Ion	Ratio	Lower	Upper
120	100		
91	455.8	374.2	561.2



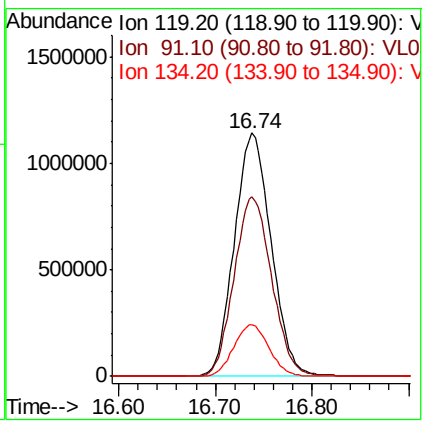


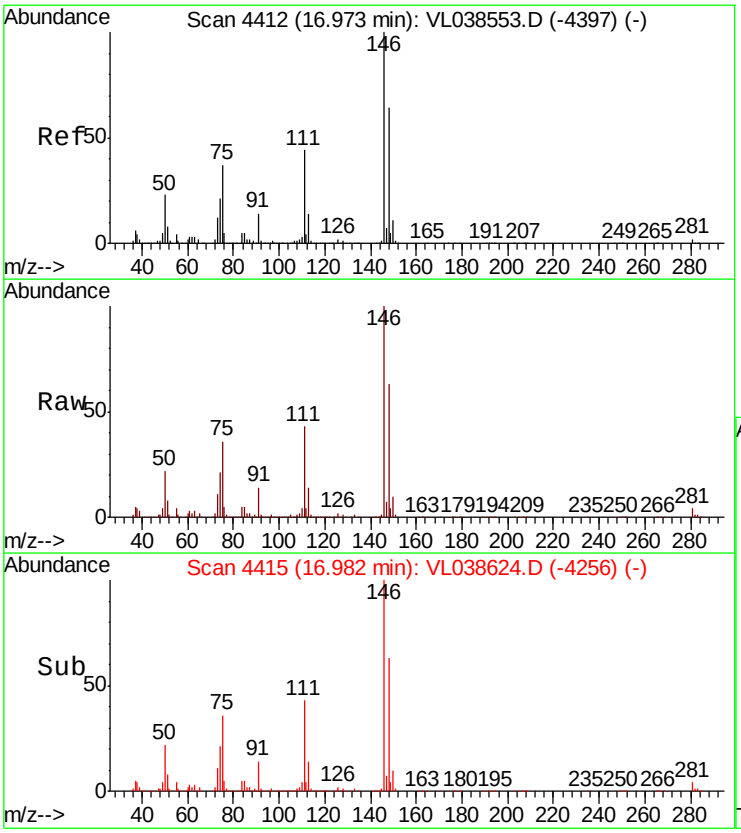
#65
tert-Butylbenzene
Concen: 8.405 ppbv
RT: 16.74
Delta R.T
Lab File:
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 3018523

Ion	Ratio	Lower	Upper
119	100		
91	75.8	61.2	91.8
134	20.4	16.2	24.2

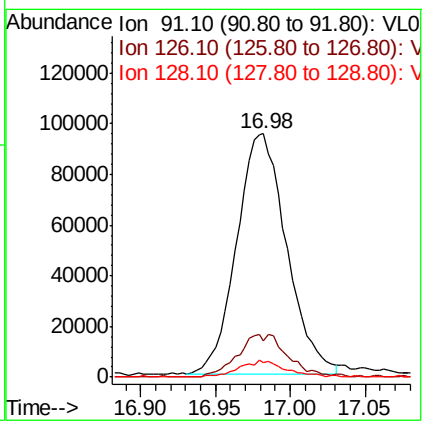


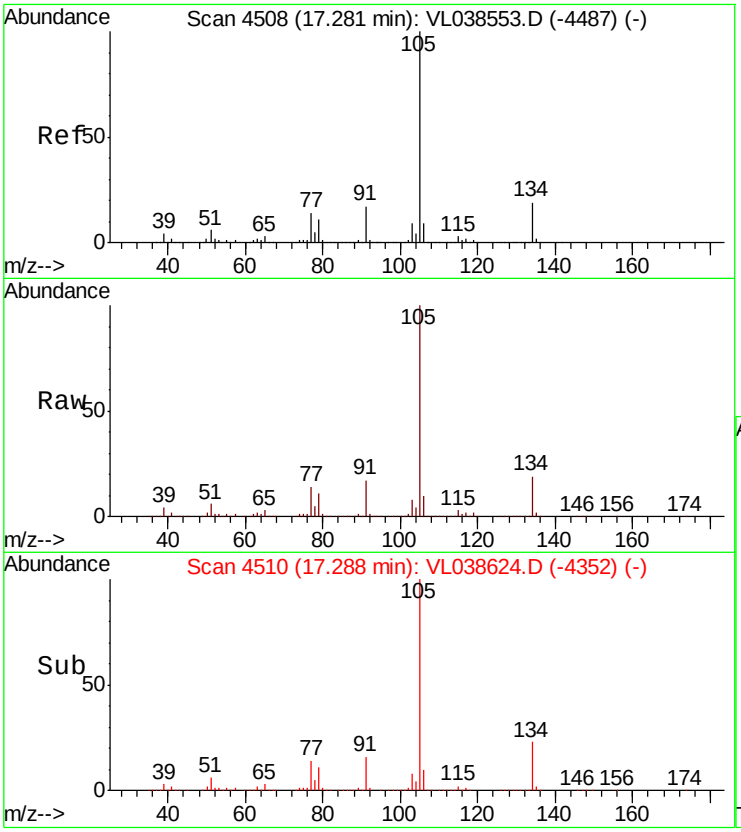


#66
Benzyl Chloride
Concen: 10.355 ppbv
RT: 16.98 min Scan# 4415
Delta R.T. 0.01 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion: 91 Resp: 220355

Ion	Ratio	Lower	Upper
91	100		
126	18.0	14.1	21.1
128	6.5	5.1	7.7



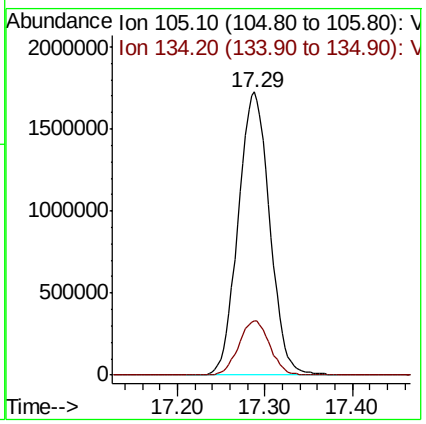


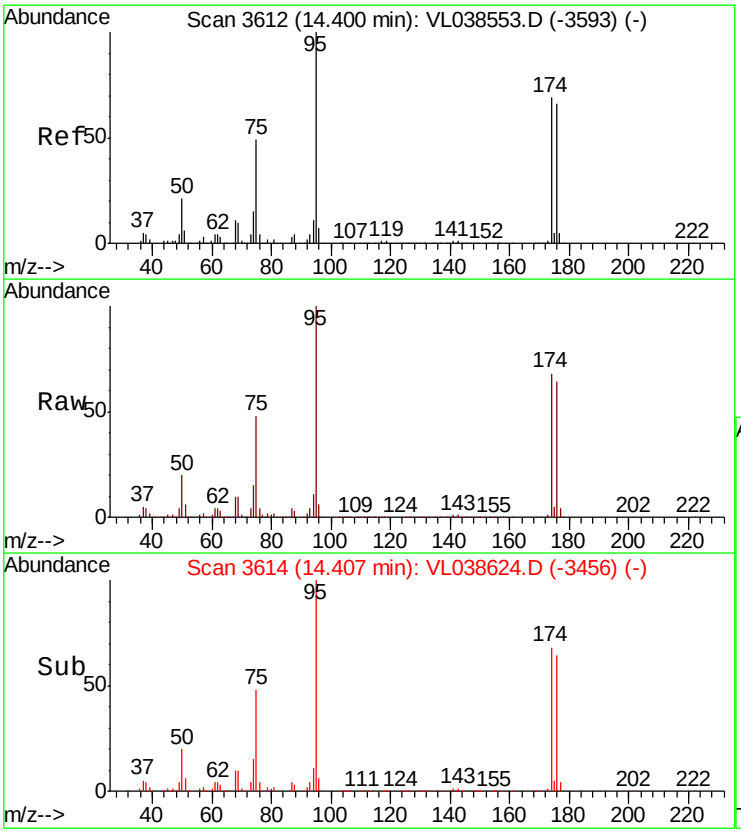
#67
sec-Butylbenzene
Concen: 8.419 ppbv
RT: 17.29
Delta R.T
Lab File:
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 4297701

Ion	Ratio	Lower	Upper
105	100		
134	19.0	15.0	22.6

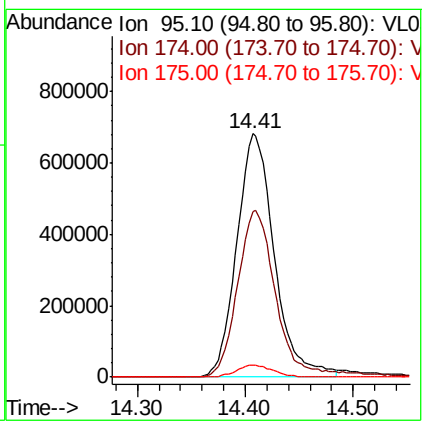


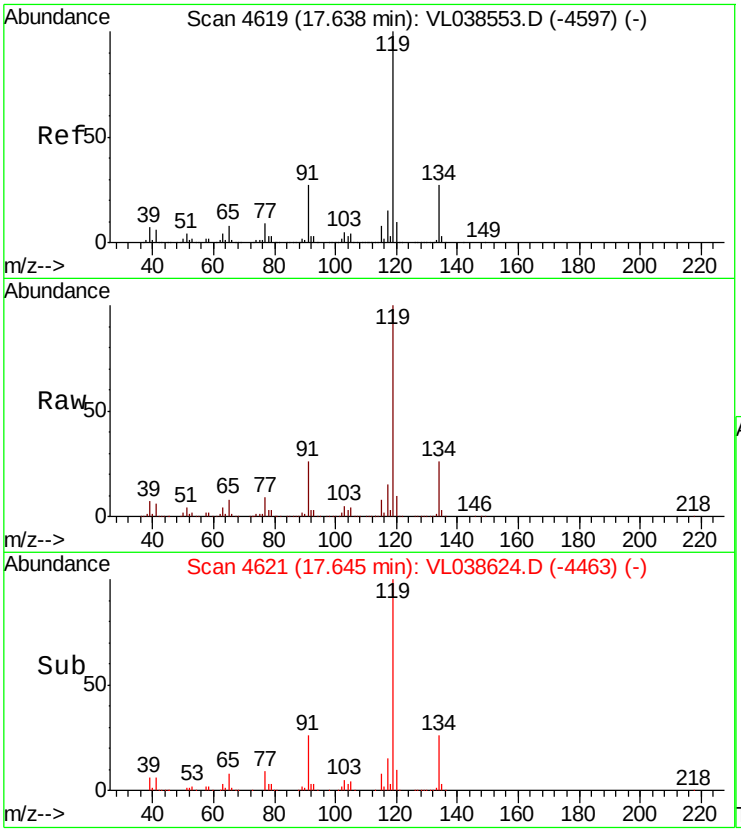


#68
1-Bromo-4-Fluorobenzene
Concen: 7.810 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. 0.01 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion: 95 Resp: 1651266

Ion	Ratio	Lower	Upper
95	100		
174	71.3	56.2	84.4
175	5.2	4.2	6.2



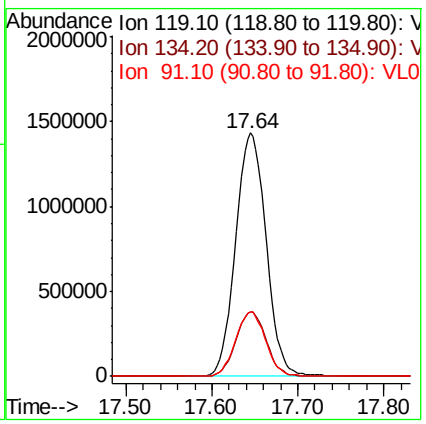


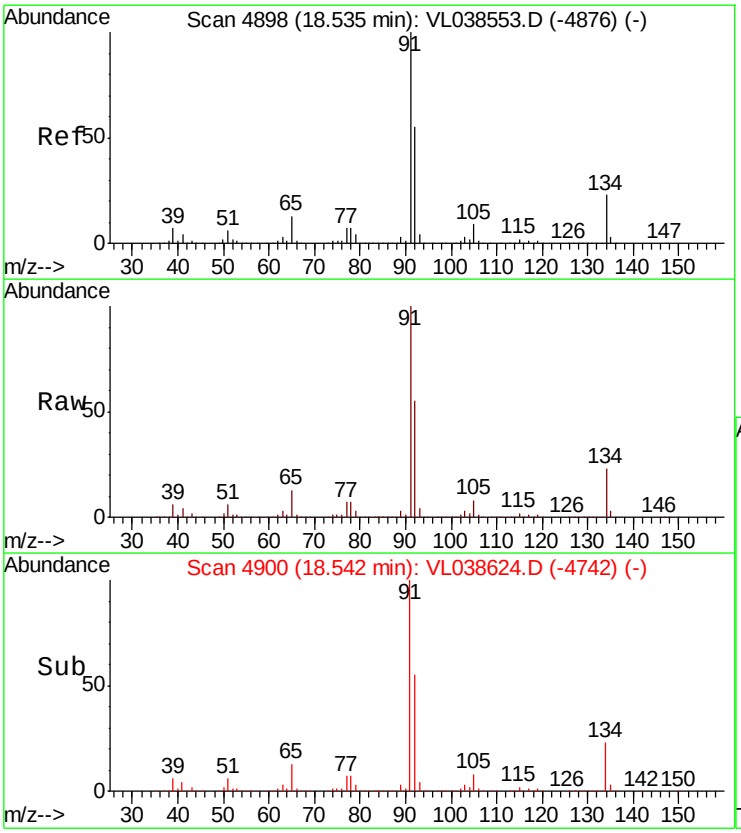
#69
p-Isopropyltoluene
Concen: 8.348 ppbv
RT: 17.64
Delta R.T
Lab File:
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 3529927

Ion	Ratio	Lower	Upper
119	100		
134	26.5	20.9	31.3
91	26.2	21.1	31.7

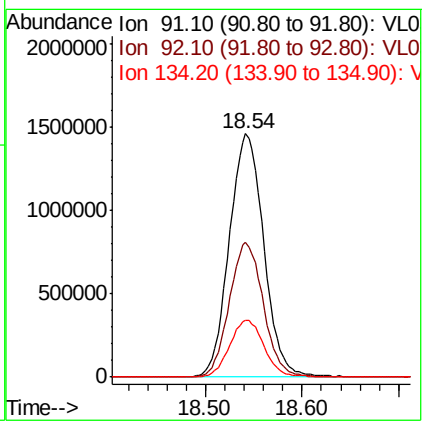


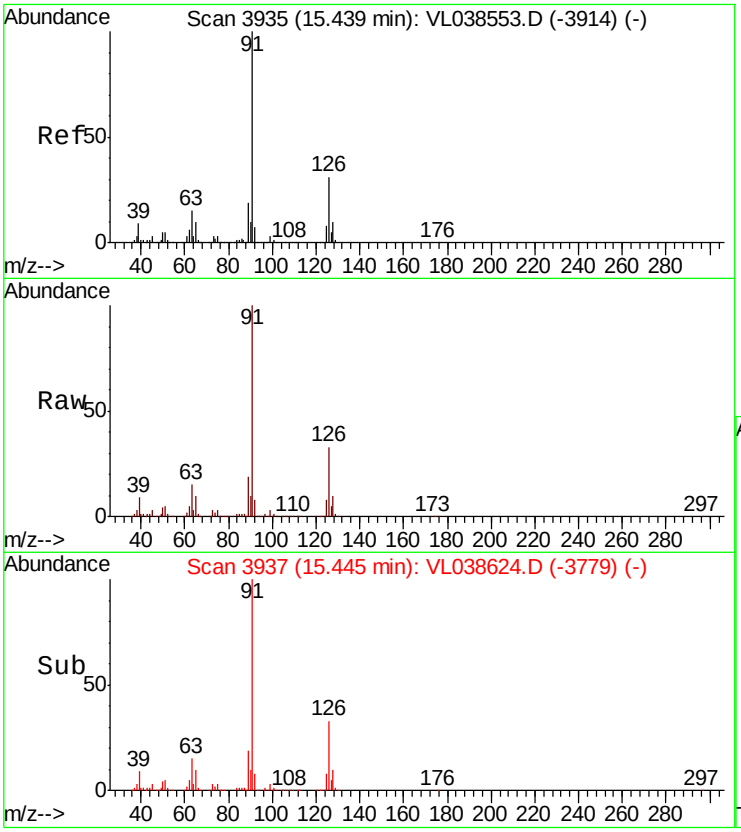


#70
n-Butylbenzene
Concen: 8.035 ppbv
RT: 18.54 min Scan# 4900
Delta R.T. 0.01 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion: 91 Resp: 3618673

Ion	Ratio	Lower	Upper
91	100		
92	55.1	43.8	65.8
134	23.5	18.7	28.1



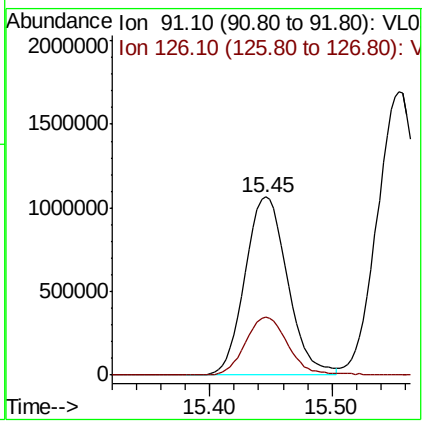


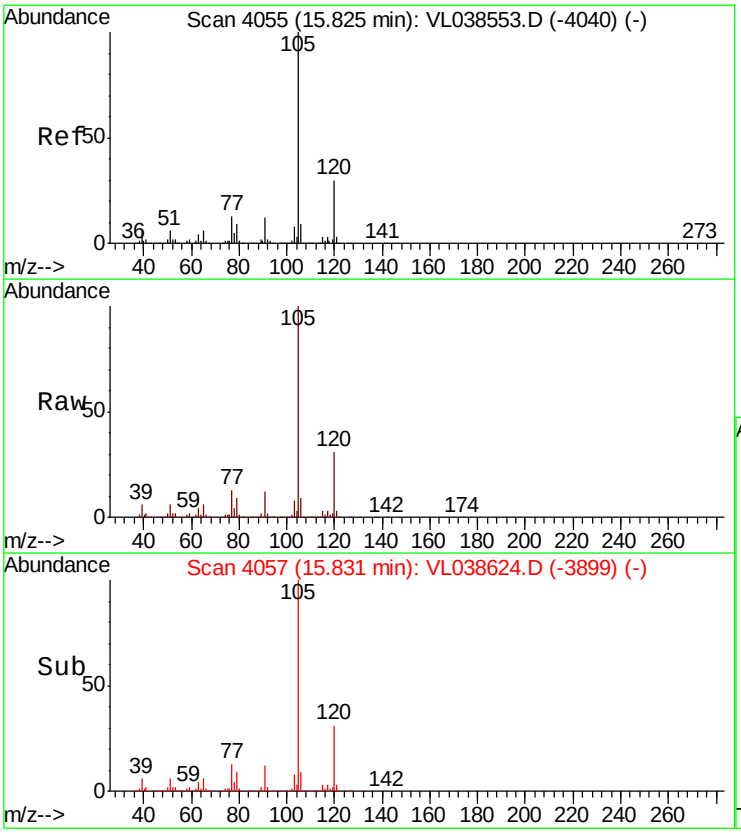
#71
2-Chlorotoluene
Concen: 8.627 ppbv
RT: 15.45
Delta R.T
Lab File:
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2572554

Ion	Ratio	Lower	Upper
91	100		
126	33.2	12.9	51.7

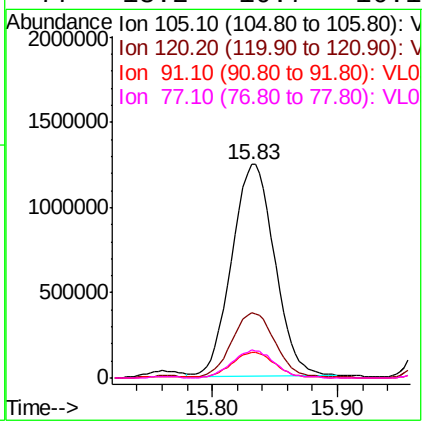


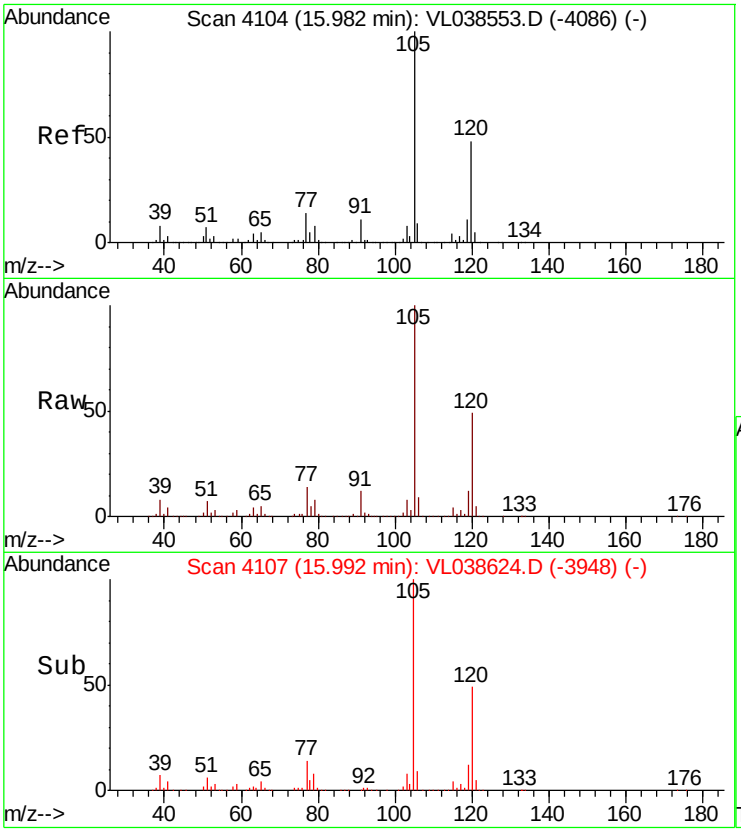


#72
4-Ethyltoluene
Concen: 8.848 ppbv
RT: 15.83 min Scan# 4057
Delta R.T. 0.01 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion:105 Resp: 2958173

Ion	Ratio	Lower	Upper
105	100		
120	31.5	25.0	37.4
91	12.0	9.8	14.6
77	13.2	10.7	16.1



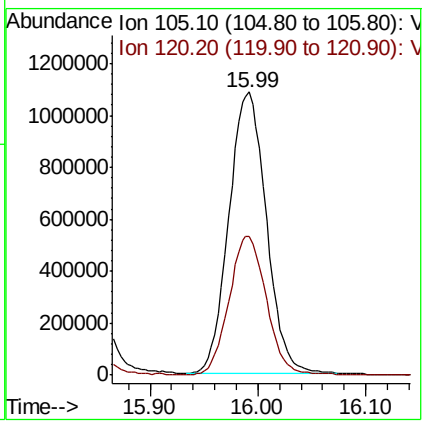


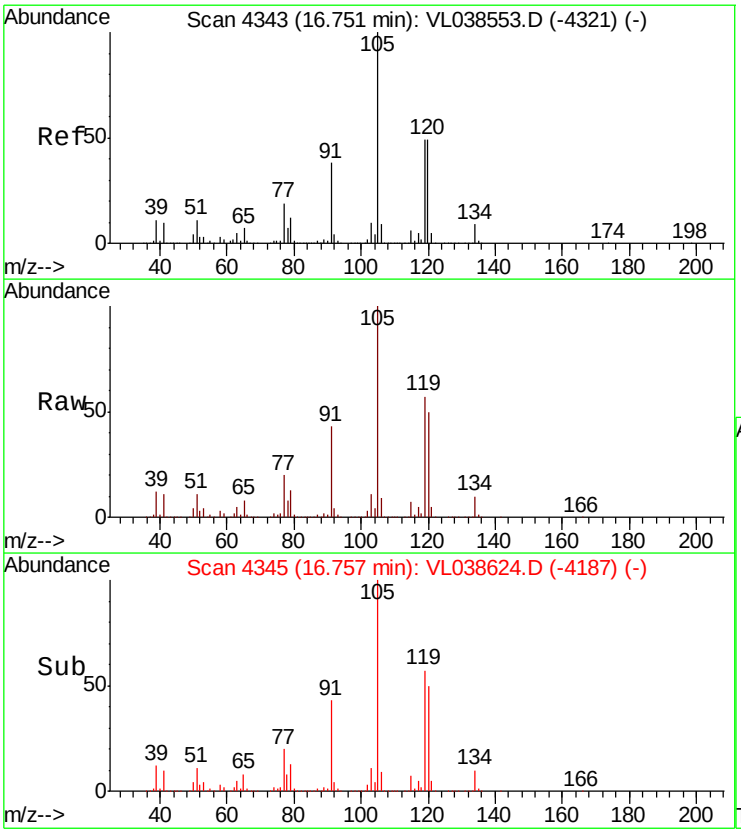
#73
1,3,5-Trimethylbenzene
Concen: 8.413 ppbv
RT: 15.99
Delta R.T
Lab File:
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 2610995

Ion	Ratio	Lower	Upper
105	100		
120	49.1	38.3	57.5

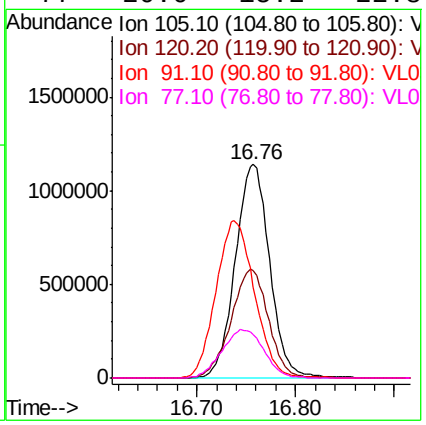


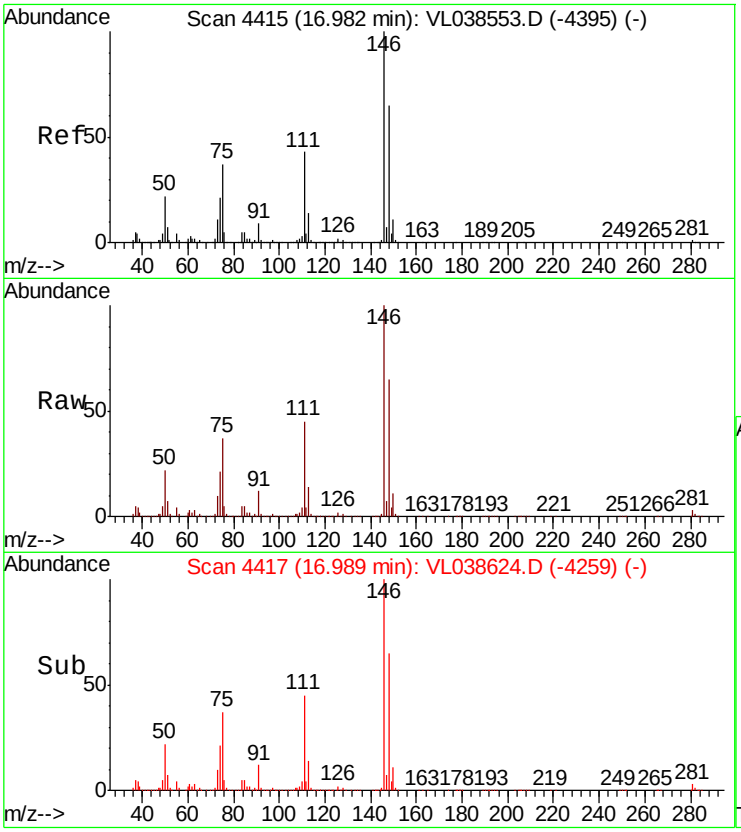


#74
1,2,4-Trimethylbenzene
Concen: 8.277 ppbv
RT: 16.76 min Scan# 4345
Delta R.T. 0.01 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion:105 Resp: 2744197

Ion	Ratio	Lower	Upper
105	100		
120	50.2	38.9	58.3
91	42.6	30.6	46.0
77	20.0	15.2	22.8



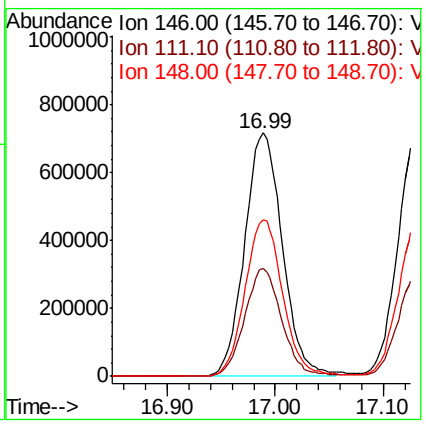


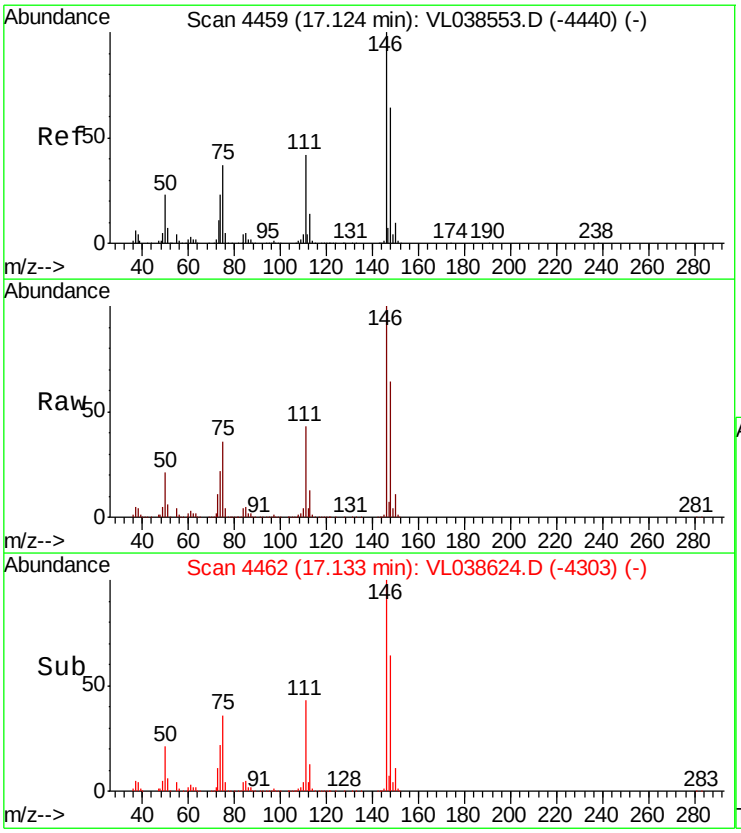
#75
1,3-Dichlorobenzene
Concen: 8.329 ppbv
RT: 16.99
Delta R.T
Lab File:
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1742247

Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.9	65.8
148	64.5	32.2	96.6

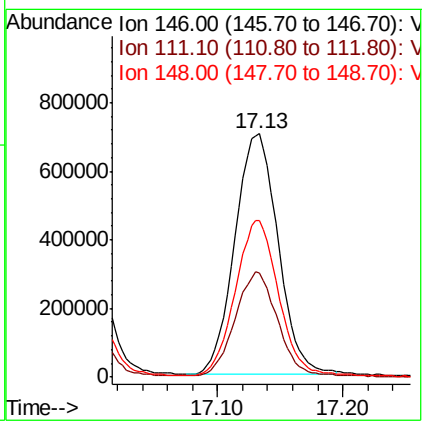


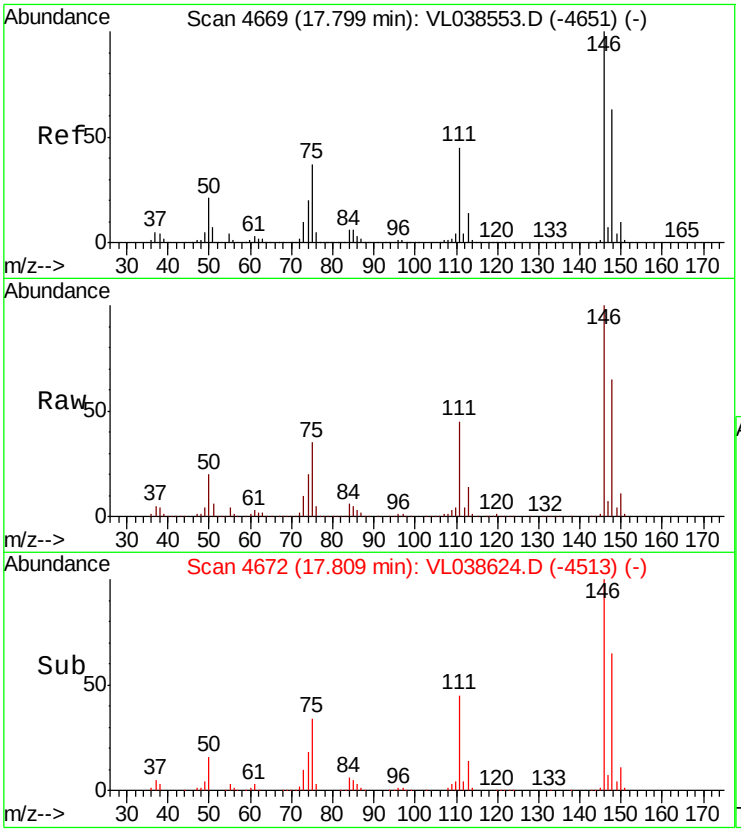


#76
1,4-Dichlorobenzene
Concen: 8.109 ppbv
RT: 17.13 min Scan# 4462
Delta R.T. 0.01 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion:146 Resp: 1680186

Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.8	65.3
148	66.3	32.8	98.4



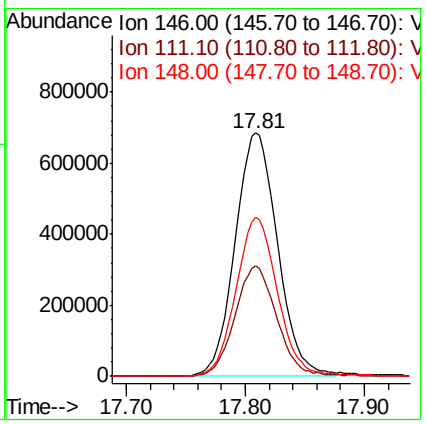


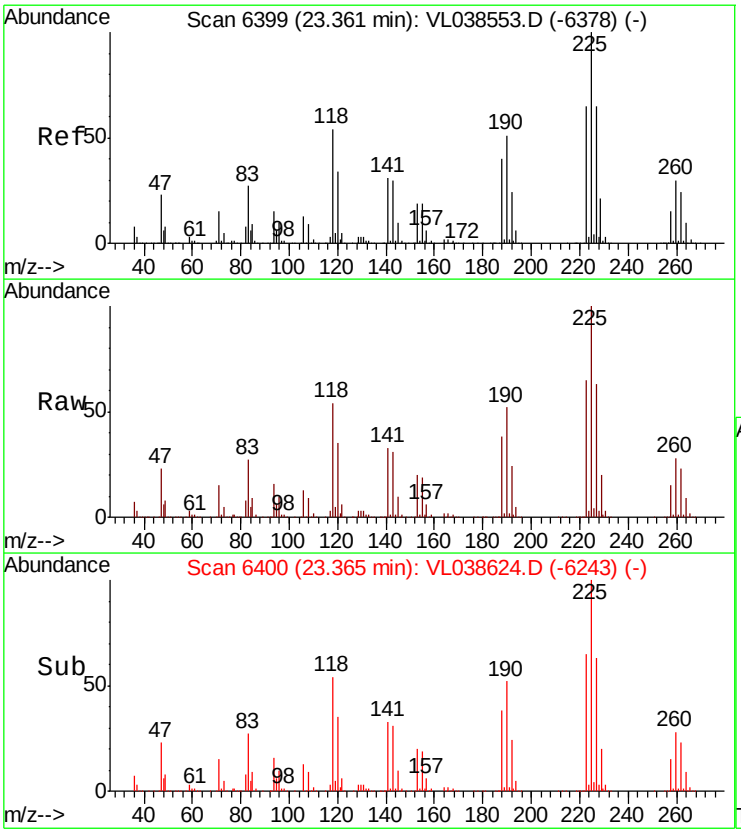
#77
1,2-Dichlorobenzene
Concen: 7.923 ppbv
RT: 17.81
Delta R.T
Lab File:
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1676833

Ion	Ratio	Lower	Upper
146	100		
111	45.2	23.2	69.5
148	64.6	32.6	98.0

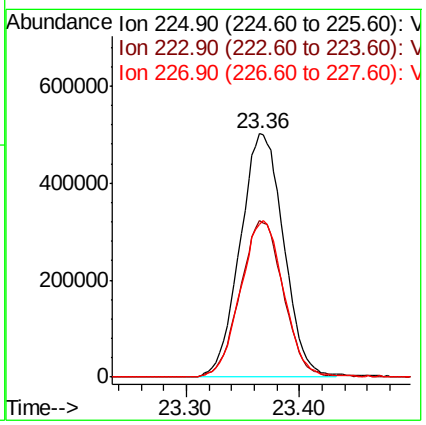


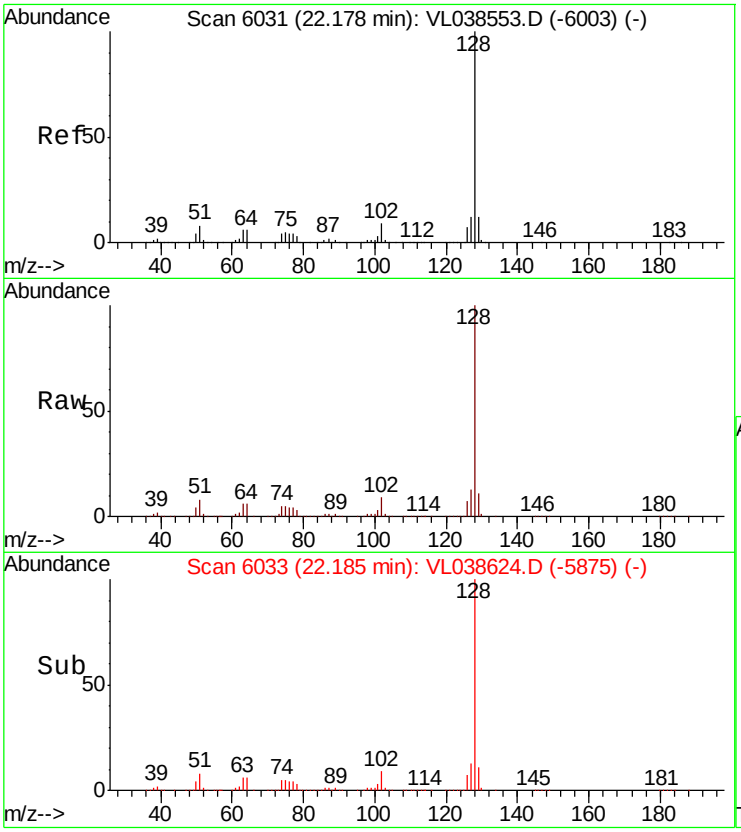


#78
Hexachloro-1,3-Butadiene
Concen: 6.476 ppbv
RT: 23.36 min Scan# 6400
Delta R.T. 0.00 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion:225 Resp: 1336836

Ion	Ratio	Lower	Upper
225	100		
223	64.4	51.4	77.0
227	64.4	51.9	77.9



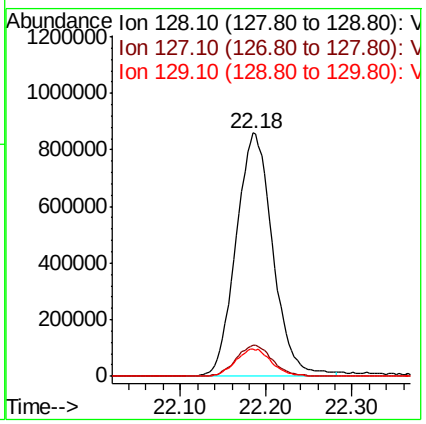


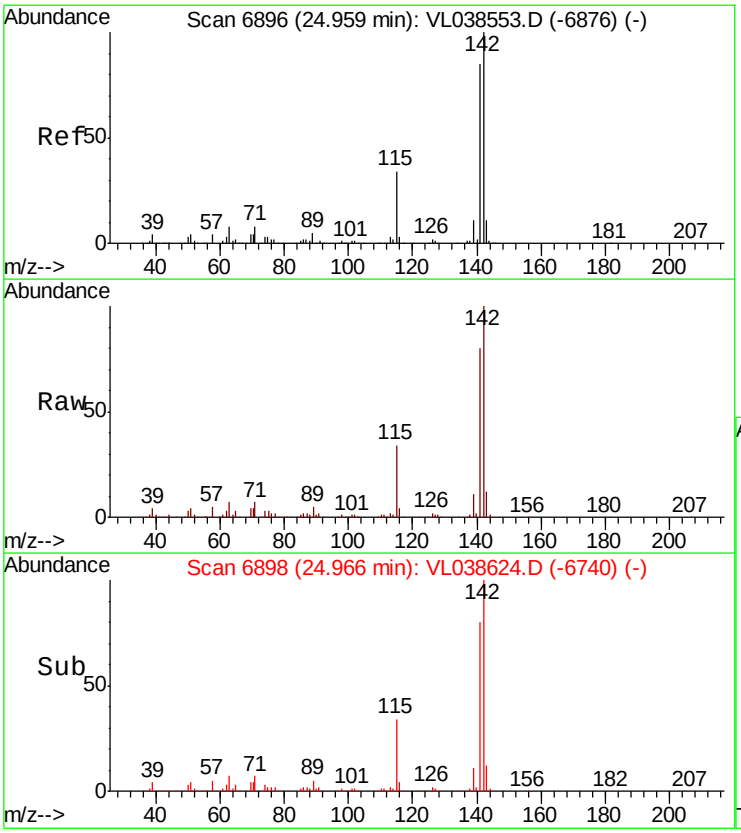
#79
Naphthalene
Concen: 8.566 ppbv
RT: 22.18
Delta R.T
Lab File:
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:128 Resp: 2554907

Ion	Ratio	Lower	Upper
128	100		
127	12.9	9.9	14.9
129	11.2	9.3	13.9

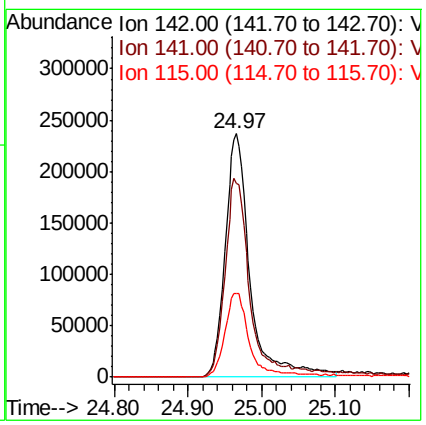


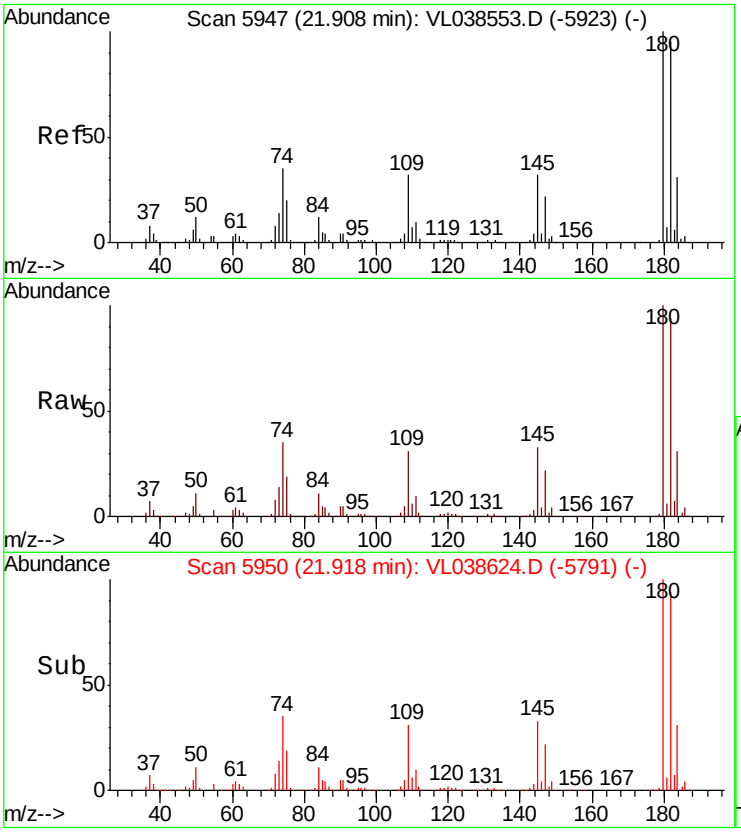


#80
Naphthalene,2-methyl-
Concen: 10.514 ppbv
RT: 24.97 min Scan# 6898
Delta R.T. 0.01 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion:142 Resp: 553507

Ion	Ratio	Lower	Upper
142	100		
141	87.7	68.4	102.6
115	35.0	27.9	41.9





#81
1,2,4-Trichlorobenzene
Concen: 7.504 ppbv
RT: 21.92
Delta R.T
Lab File:
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:180 Resp: 1430082

Ion	Ratio	Lower	Upper
180	100		
182	99.7	79.1	118.7
184	31.8	25.0	37.6