Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL083122\
Data File : VL039612.D
Acq On : 31 Aug 2022 17:45
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Quant Time: Aug 31 23:46:28 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Aug 26 06:05:16 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.21	49	994821	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	6.68	114	2601095	10.00	ppbv	0.02
55) Chlorobenzene-d5	11.49	117	2547728	10.00	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.79	95	1878158	9.77	ppbv	0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.76	85	1913899	14.458	ppbv	99
3) Chlorodifluoromethane	2.70	51	1180312	9.958	ppbv	96
4) Chloromethane	2.84	50	721095	10.101	ppbv	99
5) Vinyl Chloride	2.95	62	625871	10.862	ppbv	97
6) Bromomethane	3.15	94	245046	10.028	ppbv	97
7) Chloroethane	3.23	64	226073	10.472	ppbv	95
8) Dichlorotetrafluoroethane	2.89	85	1473756	10.406	ppbv	98
9) Propene	2.72	41	552165	10.181	ppbv	98
10) Heptane	7.60	43	1373824	10.938	ppbv	99
11) Trichlorofluoromethane	3.59	101	1467573	10.101	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.10	101	1107806	10.309	ppbv	97
13) Ethanol	3.27	45	31576	8.101	ppbv	85
14) Bromoethene	3.39	108	452115	10.297	ppbv	96
15) Acetone	3.49	43	1118900	10.041	ppbv	99
16) 1,3-Butadiene	3.01	39	609029	10.474	ppbv	97
17) tert-Butyl alcohol	3.90	59	978720	10.291	ppbv	100
18) 1,1-Dichloroethene	3.91	96	504168	10.416	ppbv	97
19) Isopropyl Alcohol	3.60	45	552733	10.196	ppbv	98
20) Methylene Chloride	3.96	84	397215	8.774	ppbv	95
21) Allyl Chloride	4.02	41	796274	10.984	ppbv	97
22) trans-1,2-Dichloroethene	4.47	96	493992	10.261	ppbv	95
23) Vinyl Acetate	4.65	43	538609	10.165	ppbv	99
24) 1,1-Dichloroethane	4.59	63	1041817	10.622	ppbv	99
25) Ethyl Acetate	5.23	43	2452891	10.287	ppbv	99
26) Hexane	5.24	57	1014875	10.428	ppbv	97
27) Carbon Disulfide	4.15	76	1172502	11.278	ppbv	97
28) Methyl tert-Butyl Ether	4.62	73	846428	10.082	ppbv	98
29) Chloroform	5.30	83	1543286	10.139	ppbv	97
30) Cyclohexane	6.62	84	863207	10.712	ppbv	97
31) cis-1,2-Dichloroethene	5.10	61	999031	10.598	ppbv	96
32) 1,1,1-Trichloroethane	6.03	97	1500789	11.208	ppbv	98
34) 2-Butanone	4.81	43	1416172	10.952	ppbv	99
35) Carbon Tetrachloride	6.51	117	1583960	11.265	ppbv	100
36) Benzene	6.39	78	2126096	10.723	ppbv	96
37) 1,2-Dichloroethane	5.83	62	1156494	10.589	ppbv	99
38) Trichloroethene	7.31	130	1175649	11.066	ppbv	99
39) 1,2-Dichloropropane	7.10	63	812896	10.905	ppbv	96
40) 1,4-Dioxane	7.31	88	292528	10.023	ppbv #	1
41) Tetrahydrofuran	5.58	42	848155	10.980	ppbv	98
42) Bromodichloromethane	7.27	83	1653482	11.064	ppbv	99
43) Methyl Methacrylate	7.50	69	841349	11.767	ppbv	100

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL083122\
Data File : VL039612.D
Acq On : 31 Aug 2022 17:45
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Quant Time: Aug 31 23:46:28 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Aug 26 06:05:16 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.35	57	3577104	10.702	ppbv		98
45) t-1,3-Dichloropropene	8.73	75	808434	12.983	ppbv		99
46) cis-1,3-Dichloropropene	8.17	75	1086163	12.594	ppbv		97
47) 1,1,2-Trichloroethane	8.92	97	880648	10.344	ppbv		97
48) Dibromochloromethane	9.73	129	1478477	11.781	ppbv		100
49) Bromoform	12.43	173	1239184	11.921	ppbv		98
50) 4-Methyl-2-Pentanone	8.20	43	2254985	11.193	ppbv		98
51) 2-Hexanone	9.57	43	1727920	11.653	ppbv	#	98
52) Tetrachloroethene	10.63	164	820149	10.933	ppbv		96
53) Toluene	9.24	91	2523189	11.371	ppbv		99
54) 1,2-Dibromoethane	10.03	107	1069055	11.227	ppbv		95
56) 1,1,1,2-Tetrachloroethane	11.53	131	1069729	10.334	ppbv		97
57) Chlorobenzene	11.55	112	1936363	10.188	ppbv	#	96
58) Ethyl Benzene	12.11	91	3333467	11.388	ppbv		100
59) m/p-Xylene	12.39	91	3202628	12.195	ppbv	#	46
60) o-Xylene	13.08	91	2691918	10.679	ppbv		99
61) Styrene	12.92	104	1623290	12.091	ppbv		99
62) Isopropylbenzene	14.05	105	3950305	10.363	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.07	83	1105817	9.263	ppbv		99
64) n-propylbenzene	14.94	120	1036963	10.467	ppbv		99
65) tert-Butylbenzene	16.11	119	3467329	10.233	ppbv		100
66) Benzyl Chloride	16.34	91	318853	11.585	ppbv		99
67) sec-Butylbenzene	16.65	105	4801455	10.005	ppbv		99
69) p-Isopropyltoluene	17.01	119	4046758	10.158	ppbv		99
70) n-Butylbenzene	17.91	91	4008848	10.114	ppbv		99
71) 2-Chlorotoluene	14.82	91	2886752	10.456	ppbv		100
72) 4-Ethyltoluene	15.21	105	3195739	10.842	ppbv		99
73) 1,3,5-Trimethylbenzene	15.37	105	2850076	10.581	ppbv		96
74) 1,2,4-Trimethylbenzene	16.13	105	3050472	10.164	ppbv		99
75) 1,3-Dichlorobenzene	16.35	146	1824260	9.997	ppbv		100
76) 1,4-Dichlorobenzene	16.49	146	1768373	9.727	ppbv		99
77) 1,2-Dichlorobenzene	17.16	146	1752376	9.807	ppbv		99
78) Hexachloro-1,3-Butadiene	22.65	225	1440598	10.123	ppbv		99
79) Naphthalene	21.40	128	2957268	13.836	ppbv		98
80) Naphthalene,2-methyl-	24.39	142	1170802	13.497	ppbv		98
81) 1,2,4-Trichlorobenzene	21.16	180	799341	5.600	ppbv	#	4

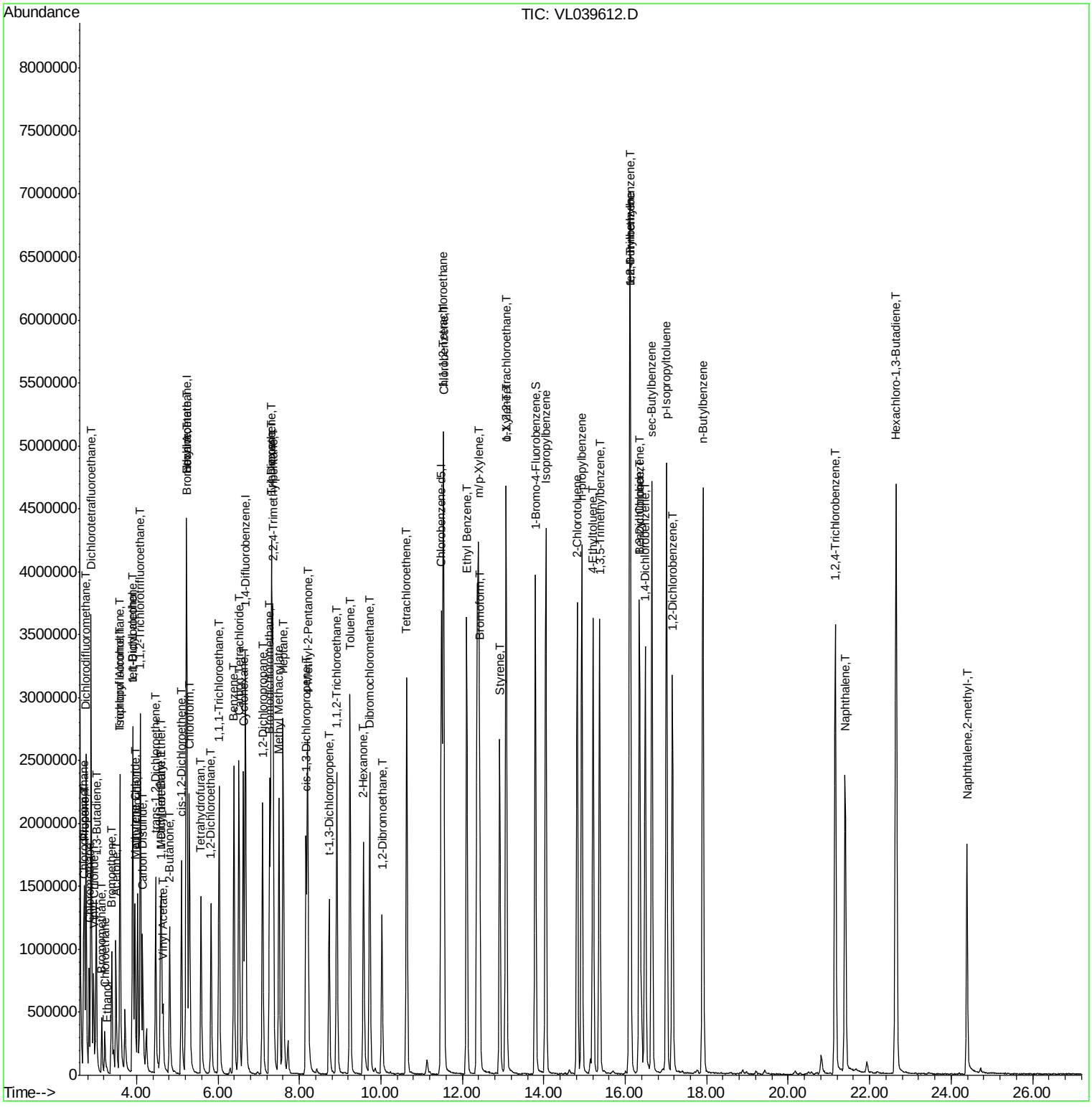
(#) = qualifier out of range (m) = manual integration (+) = signals summed

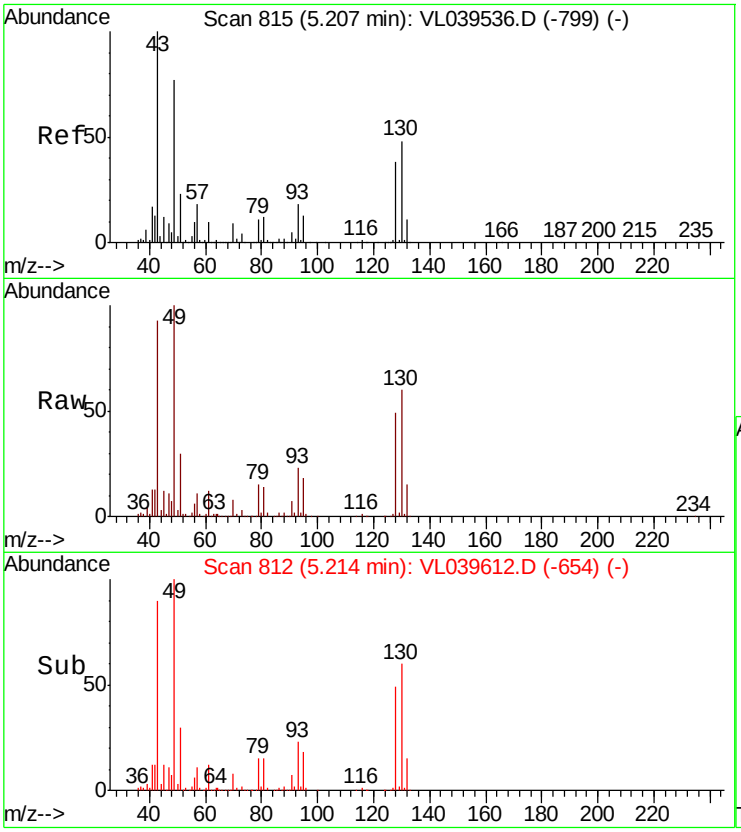
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL083122\
Data File : VL039612.D
Acq On : 31 Aug 2022 17:45
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Quant Time: Aug 31 23:46:28 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Aug 26 06:05:16 2022
Response via : Initial Calibration



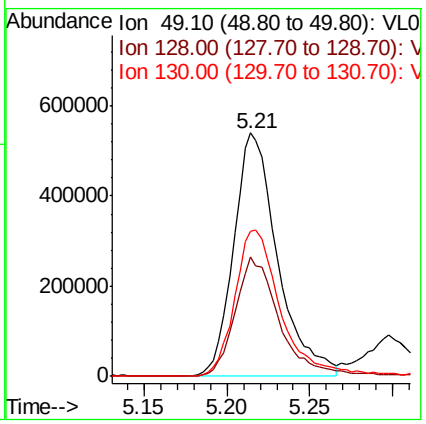


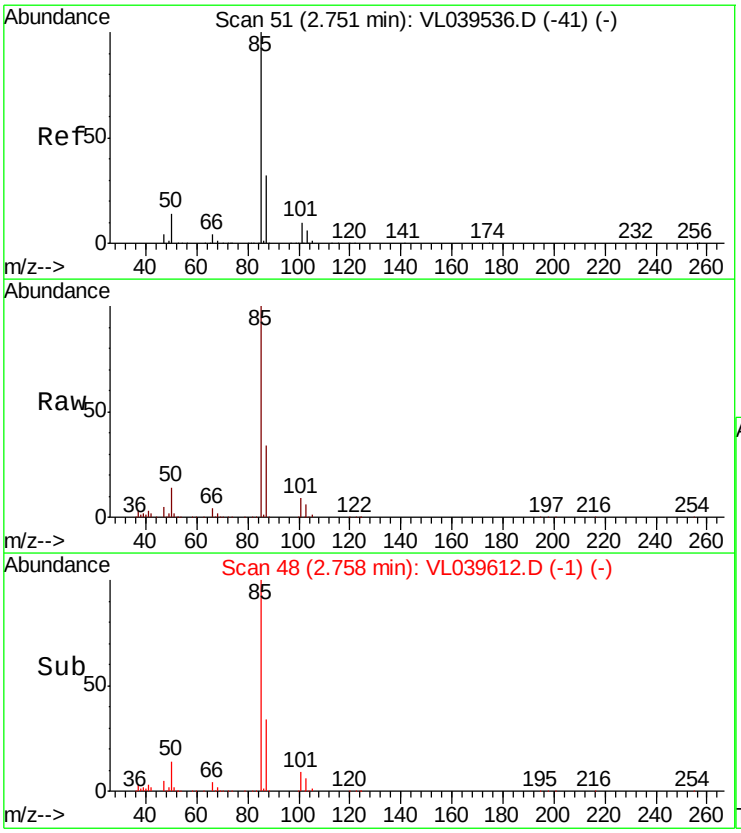
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.21
Delta R.T
Lab File:
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 49 Resp: 994821

Ion	Ratio	Lower	Upper
49	100		
128	50.5	26.7	80.0
130	63.6	34.3	102.8

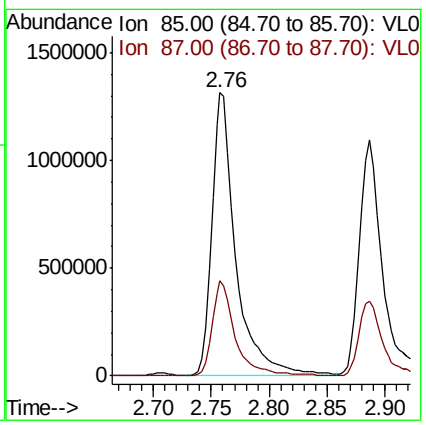


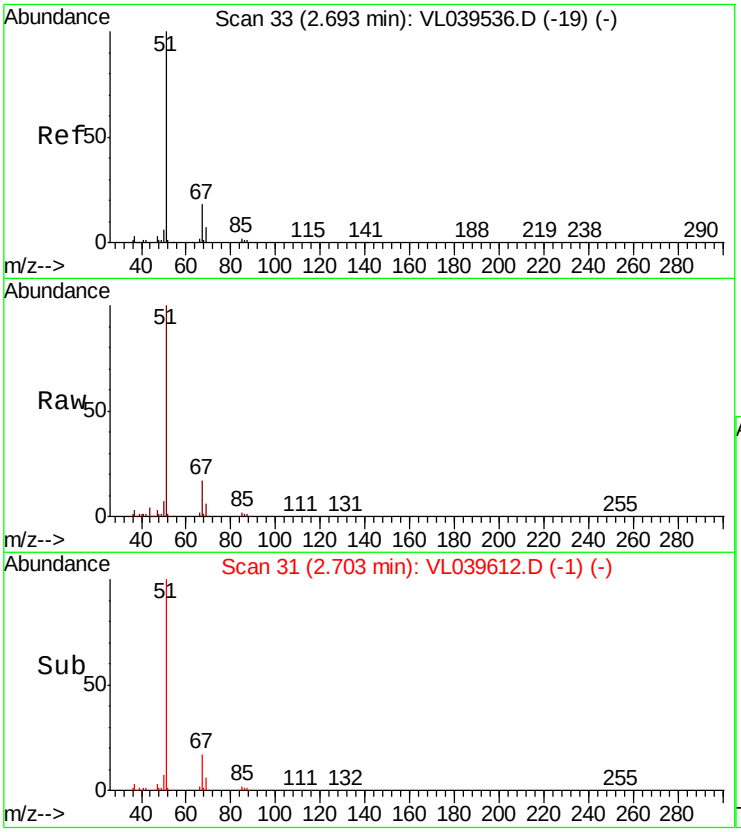


#2
Dichlorodifluoromethane
Concen: 14.458 ppbv
RT: 2.76 min Scan# 48
Delta R.T. 0.01 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion: 85 Resp: 1913899

Ion	Ratio	Lower	Upper
85	100		
87	33.8	26.7	40.1



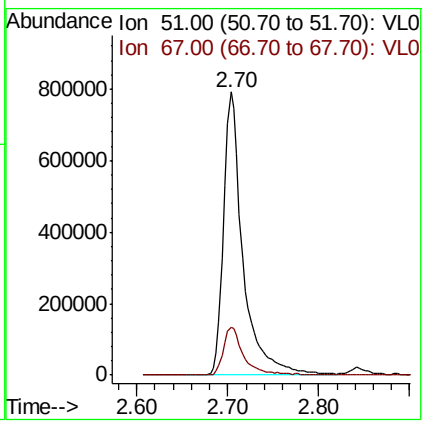


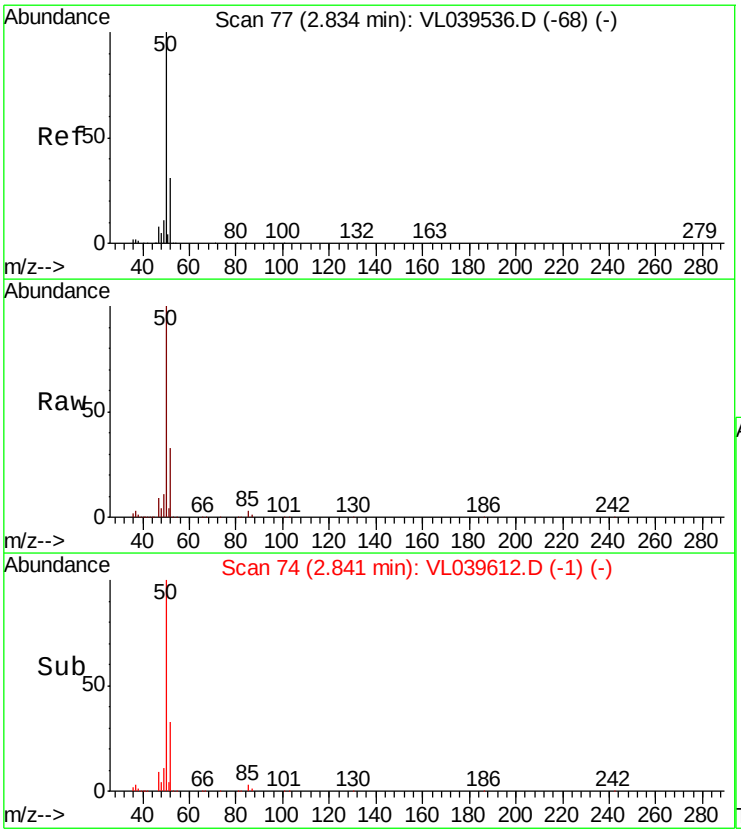
#3
Chlorodifluoromethane
Concen: 9.958 ppbv
RT: 2.70
Delta R.T
Lab File:
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 1180312

Ion	Ratio	Lower	Upper
51	100		
67	17.8	15.7	23.5

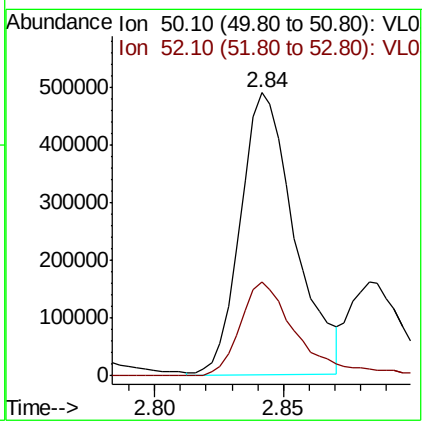


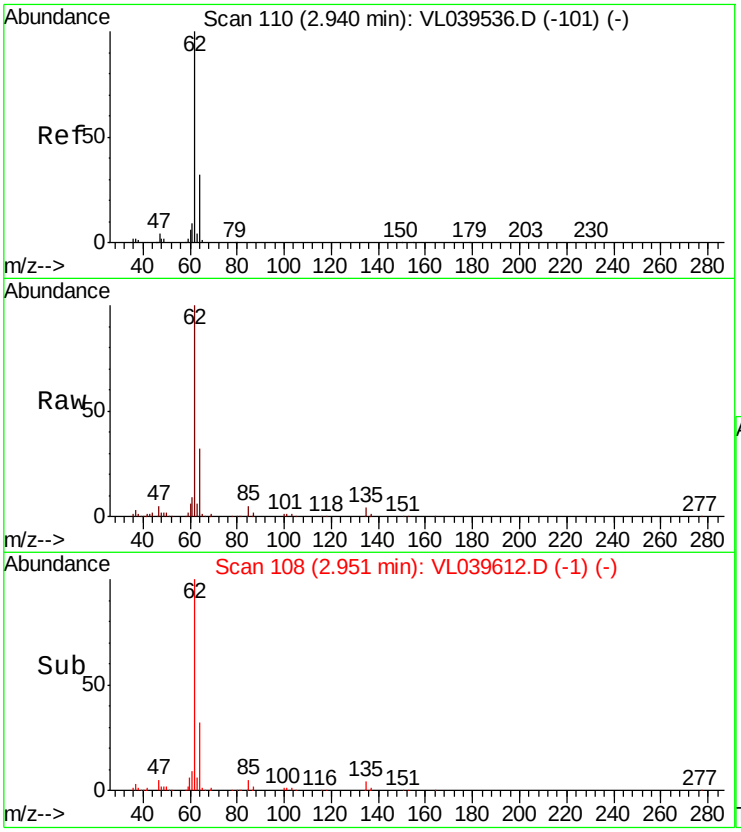


#4
Chloromethane
Concen: 10.101 ppbv
RT: 2.84 min Scan# 74
Delta R.T. 0.01 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion: 50 Resp: 721095

Ion	Ratio	Lower	Upper
50	100		
52	33.5	26.5	39.7



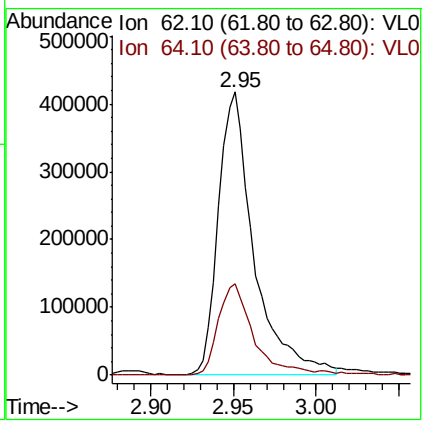


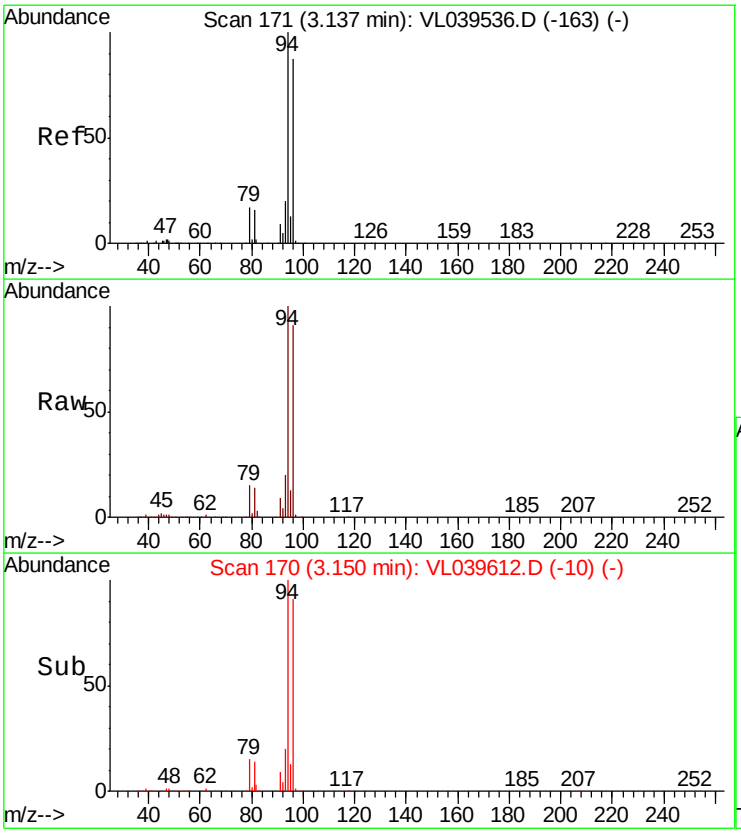
#5
Vinyl Chloride
Concen: 10.862 ppbv
RT: 2.95
Delta R.T
Lab File:
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 625871

Ion	Ratio	Lower	Upper
62	100		
64	32.2	24.6	36.8

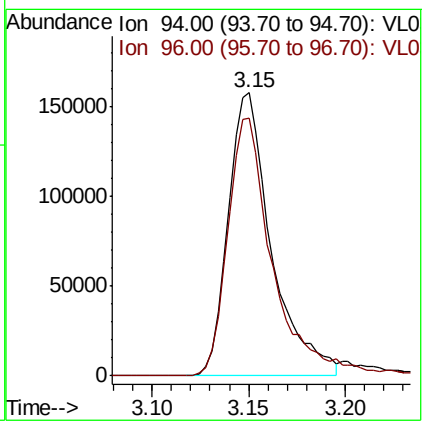


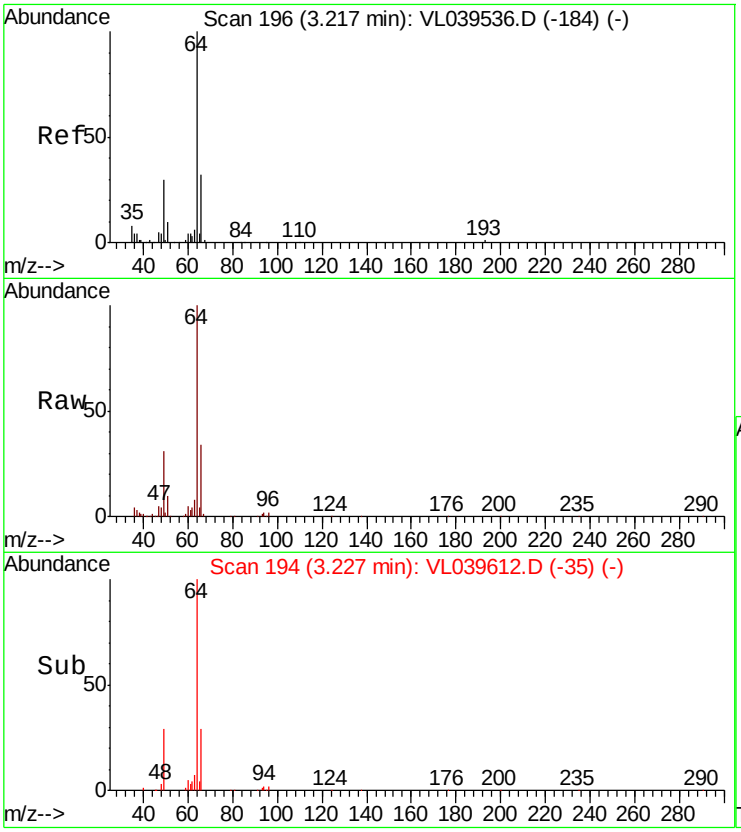


#6
Bromomethane
Concen: 10.028 ppbv
RT: 3.15 min Scan# 170
Delta R.T. 0.01 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion: 94 Resp: 245046

Ion	Ratio	Lower	Upper
94	100		
96	91.1	75.6	113.4



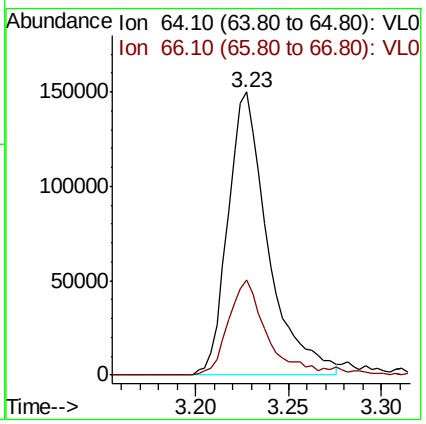


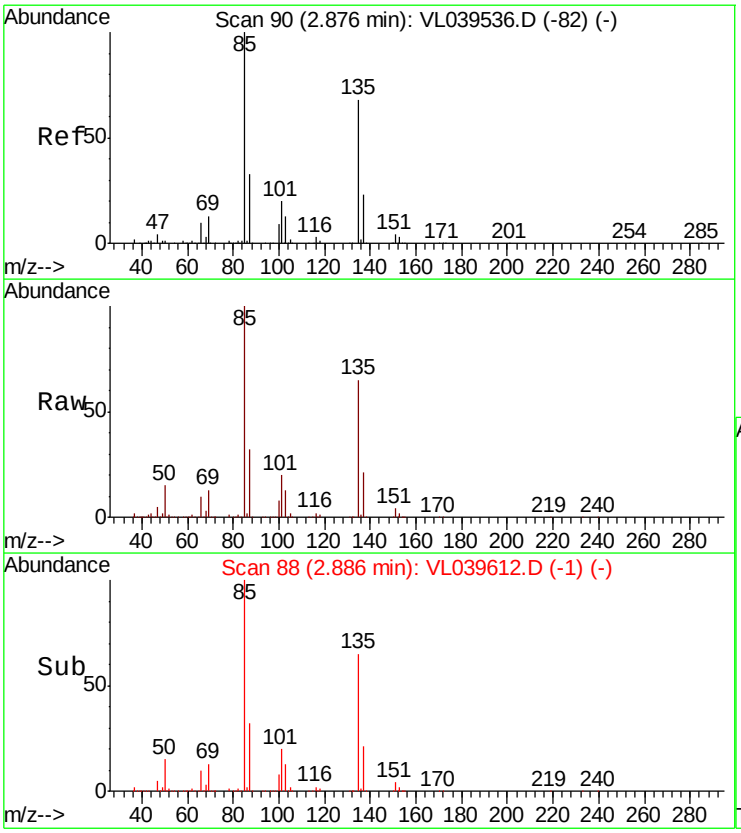
#7
Chloroethane
Concen: 10.472 ppbv
RT: 3.23
Delta R.T
Lab File:
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 64 Resp: 226073

Ion	Ratio	Lower	Upper
64	100		
66	33.9	24.7	37.1

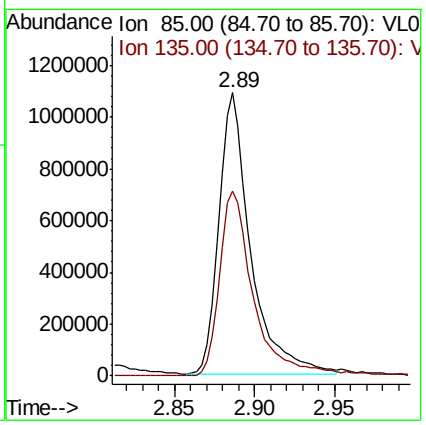


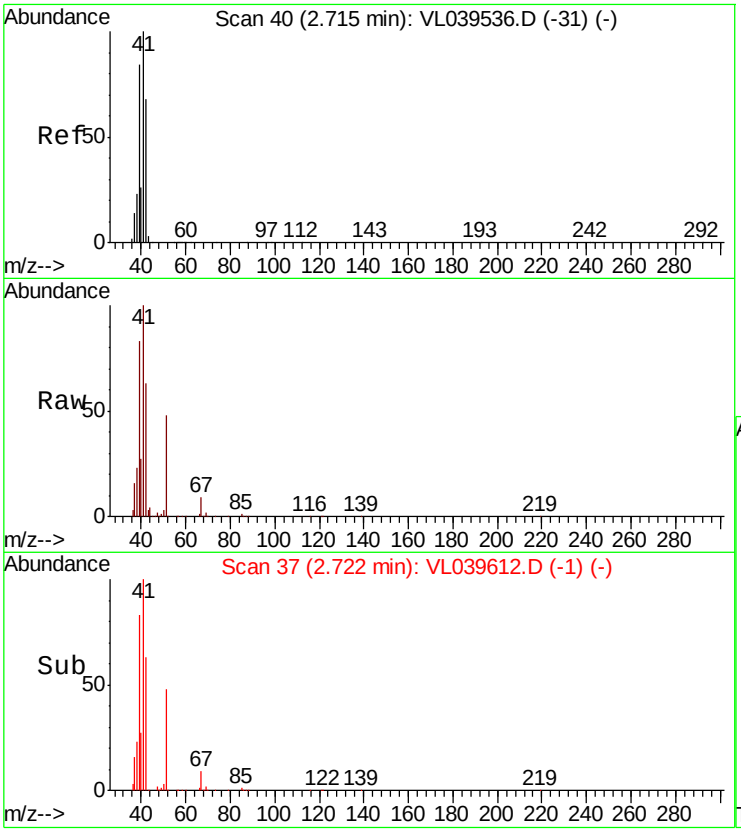


#8
Dichlorotetrafluoroethane
Concen: 10.406 ppbv
RT: 2.89 min Scan# 88
Delta R.T. 0.01 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion: 85 Resp: 1473756

Ion	Ratio	Lower	Upper
85	100		
135	72.1	59.0	88.4



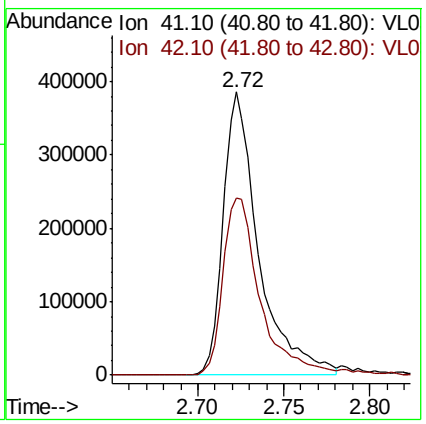


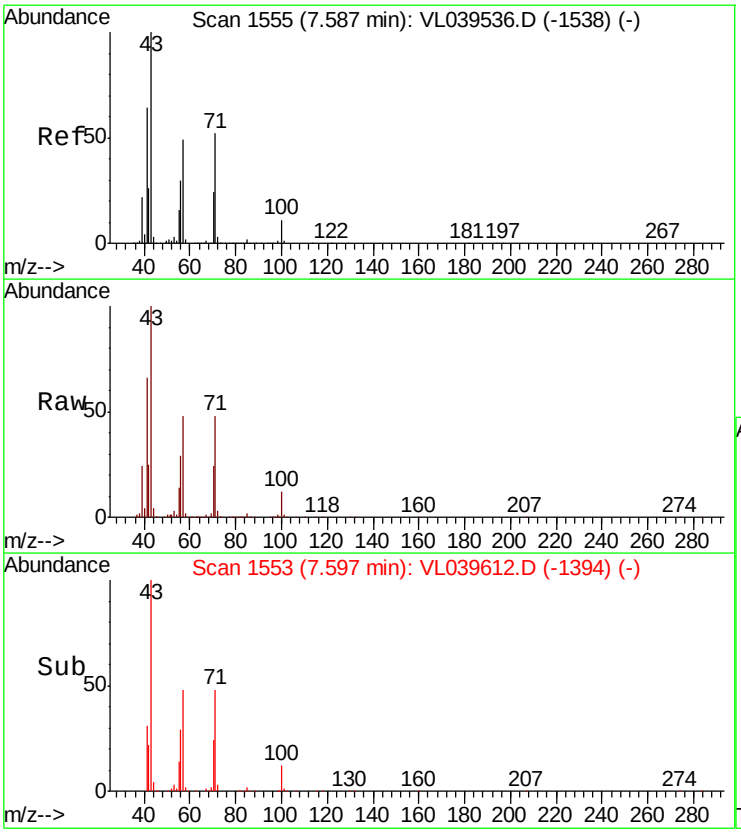
#9
Propene
Concen: 10.181 ppbv
RT: 2.72
Delta R.T
Lab File:
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 41 Resp: 552165

Ion	Ratio	Lower	Upper
41	100		
42	67.4	55.2	82.8

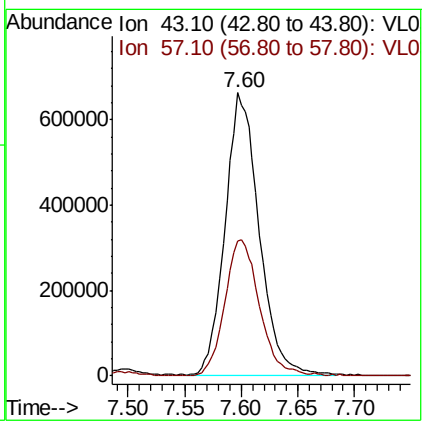


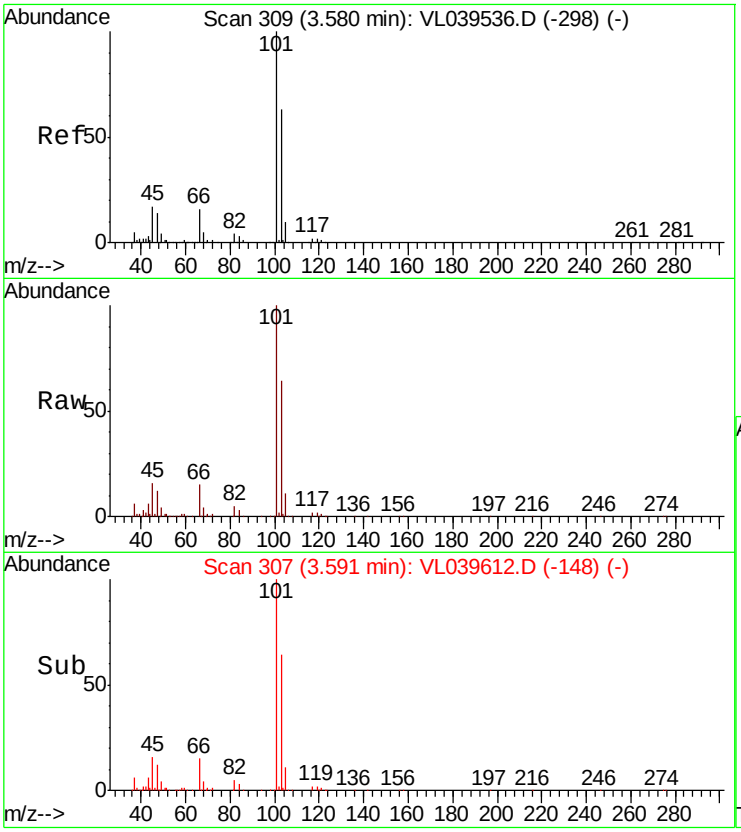


#10
Heptane
Concen: 10.938 ppbv
RT: 7.60 min Scan# 1553
Delta R.T. 0.01 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion: 43 Resp: 1373824

Ion	Ratio	Lower	Upper
43	100		
57	49.6	40.5	60.7



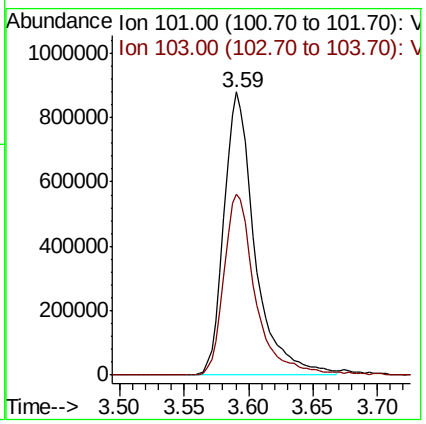


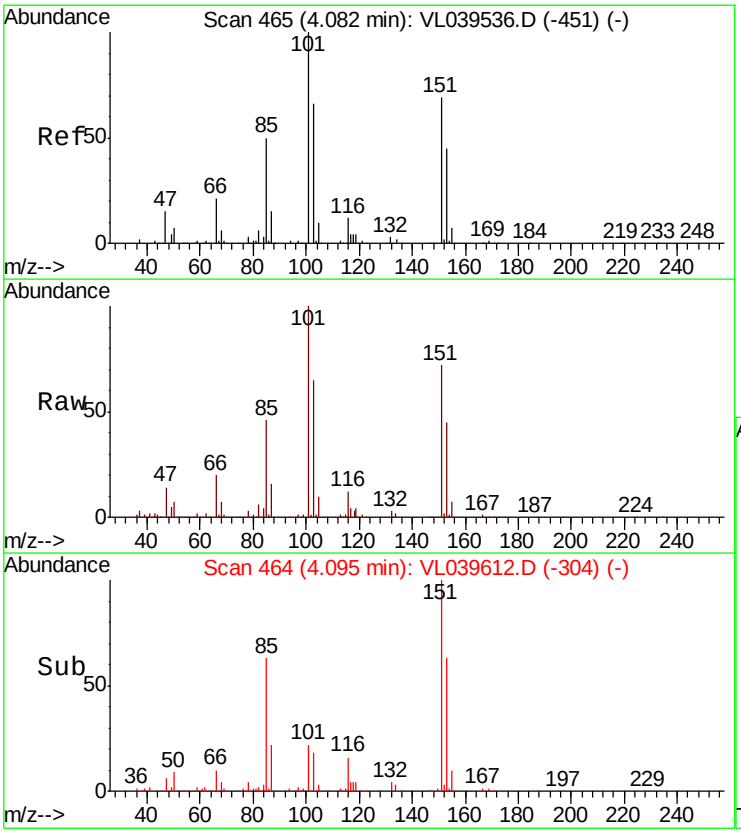
#11
Trichlorofluoromethane
Concen: 10.101 ppbv
RT: 3.59
Delta R.T
Lab File:
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:101 Resp: 1467573

Ion	Ratio	Lower	Upper
101	100		
103	63.8	51.8	77.8

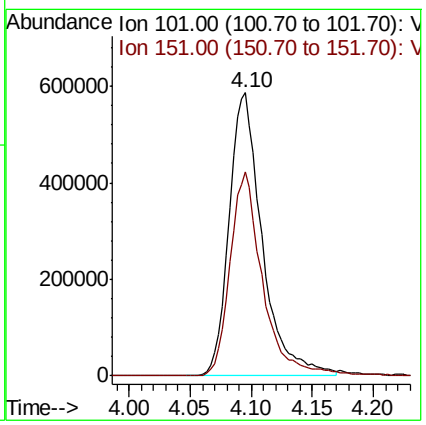


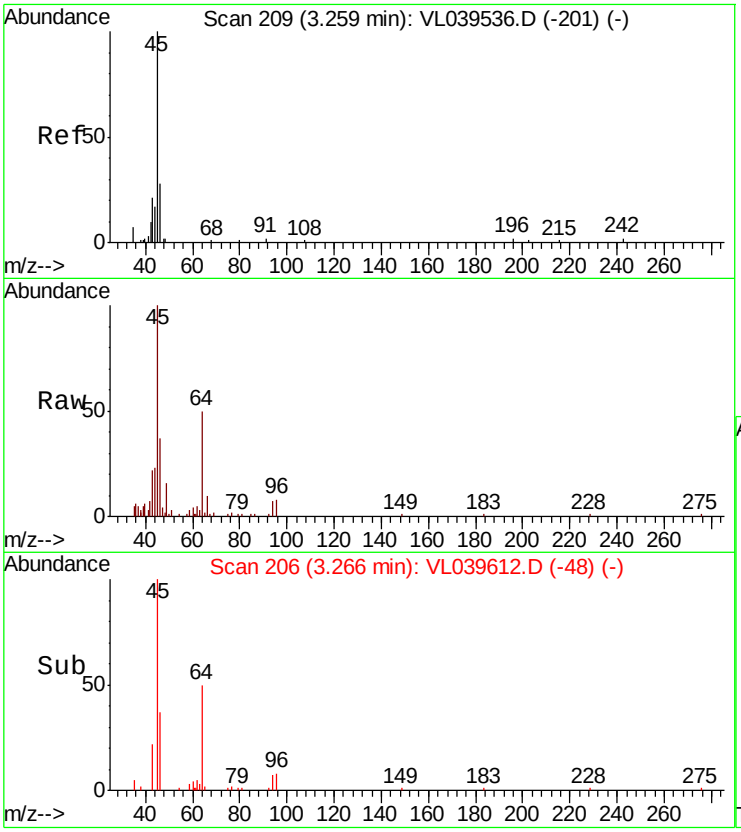


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.309 ppbv
RT: 4.10 min Scan# 464
Delta R.T. 0.01 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion:101 Resp: 1107806

Ion	Ratio	Lower	Upper
101	100		
151	71.3	58.9	88.3



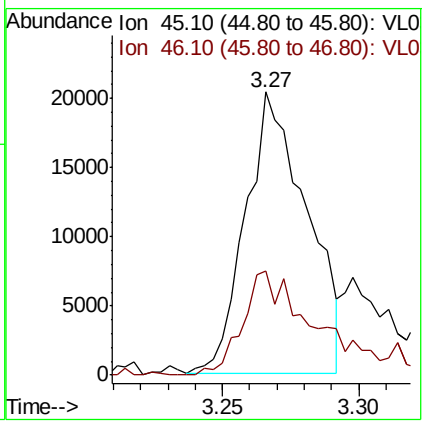


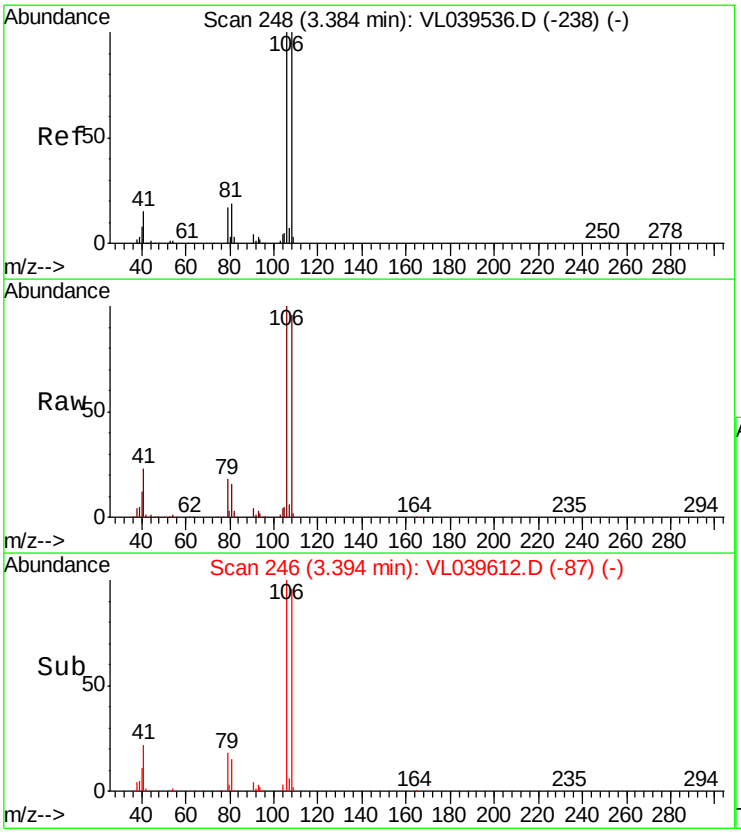
#13
Ethanol
Concen: 8.101 ppbv
RT: 3.27
Delta R.T
Lab File:
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 31576

Ion	Ratio	Lower	Upper
45	100		
46	45.8	22.8	91.2

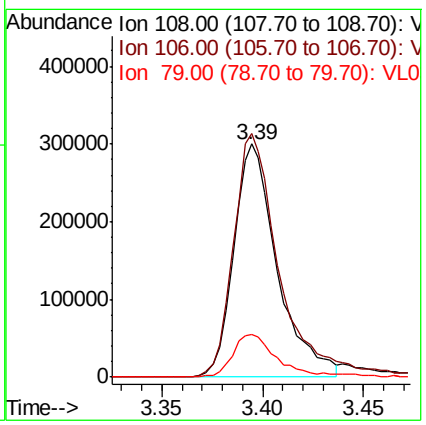


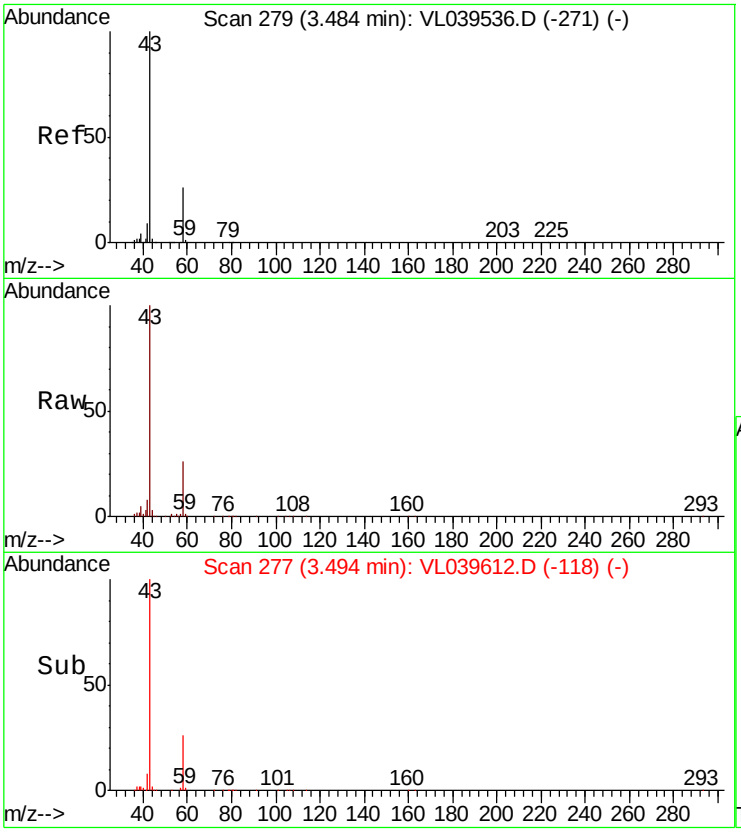


#14
Bromoethene
Concen: 10.297 ppbv
RT: 3.39 min Scan# 246
Delta R.T. 0.01 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion:108 Resp: 452115

Ion	Ratio	Lower	Upper
108	100		
106	113.1	87.1	130.7
79	20.3	14.6	22.0



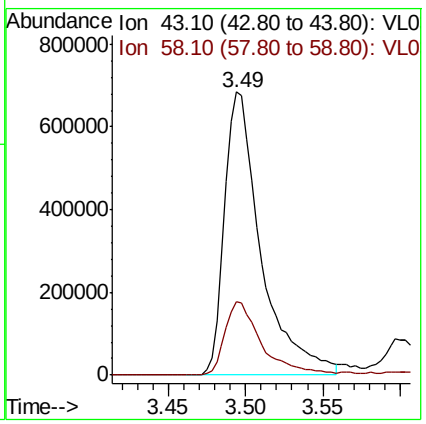


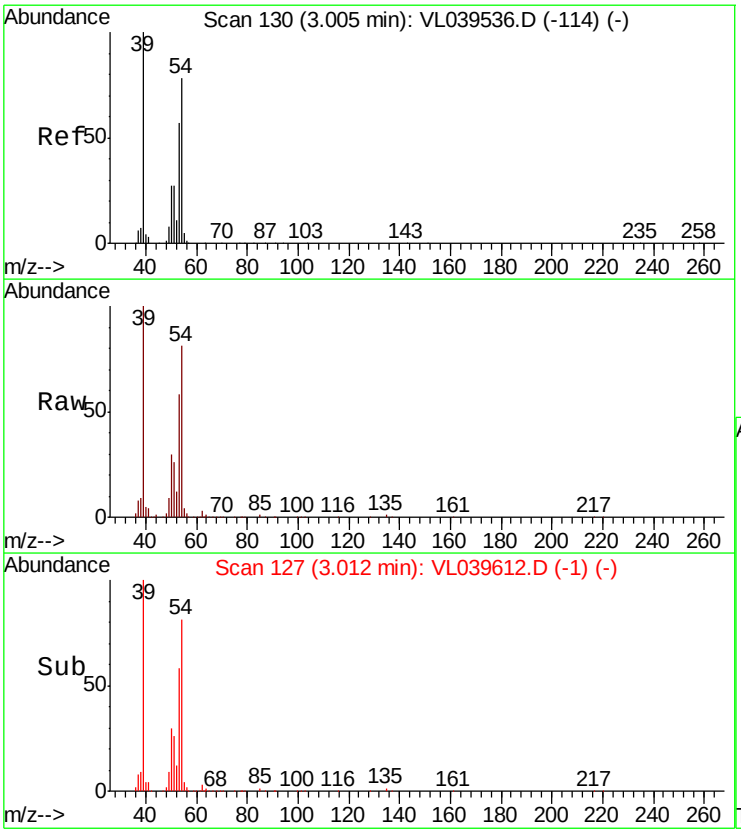
#15
Acetone
Concen: 10.041 ppbv
RT: 3.49
Delta R.T
Lab File:
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 1118900

Ion	Ratio	Lower	Upper
43	100		
58	26.7	21.0	31.6

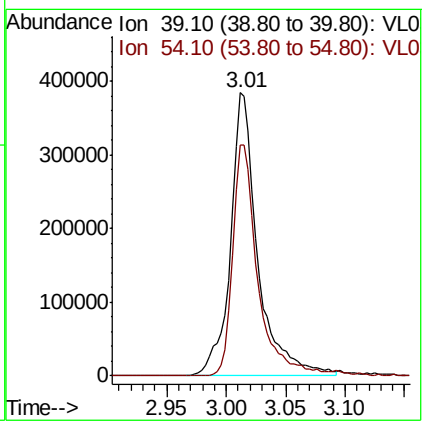


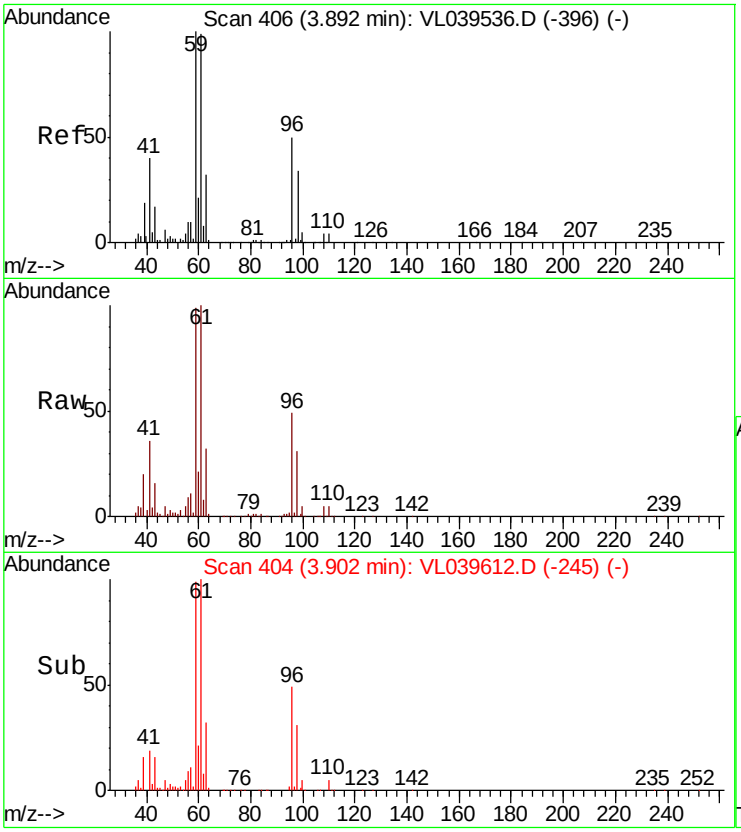


#16
1,3-Butadiene
Concen: 10.474 ppbv
RT: 3.01 min Scan# 127
Delta R.T. 0.01 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion: 39 Resp: 609029

Ion	Ratio	Lower	Upper
39	100		
54	77.3	63.7	95.5



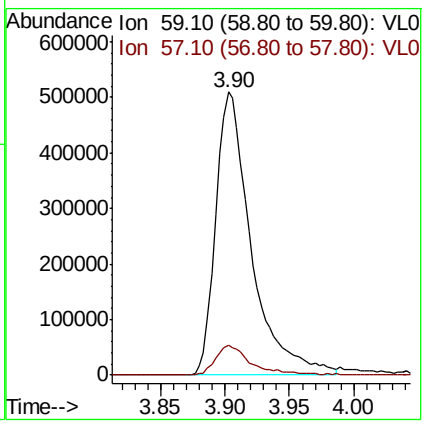


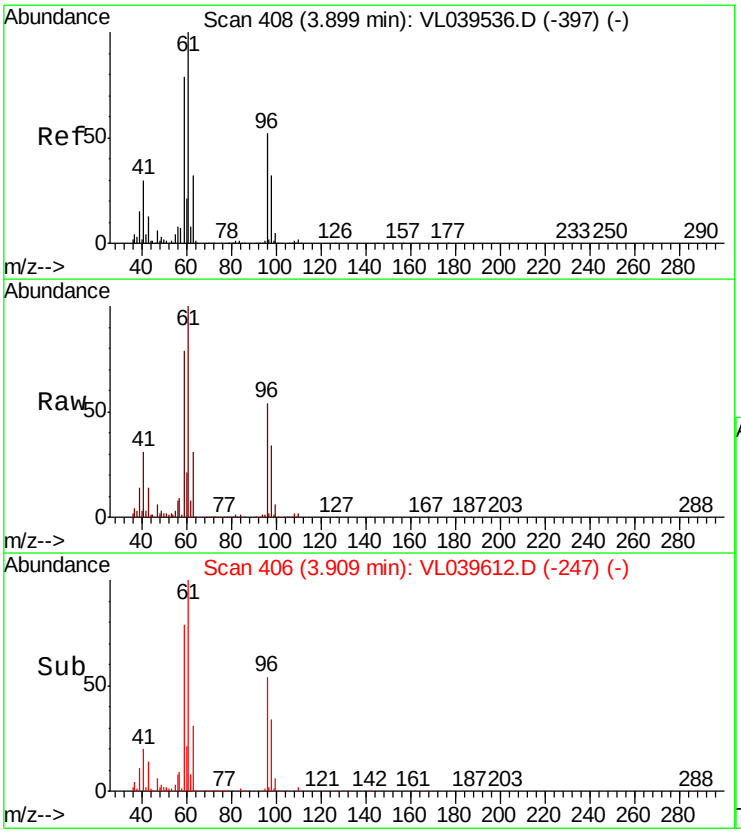
#17
tert-Butyl alcohol
Concen: 10.291 ppbv
RT: 3.90
Delta R.T
Lab File:
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 978720

Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.7	13.1

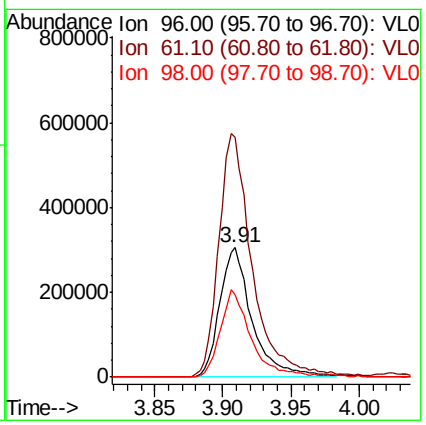


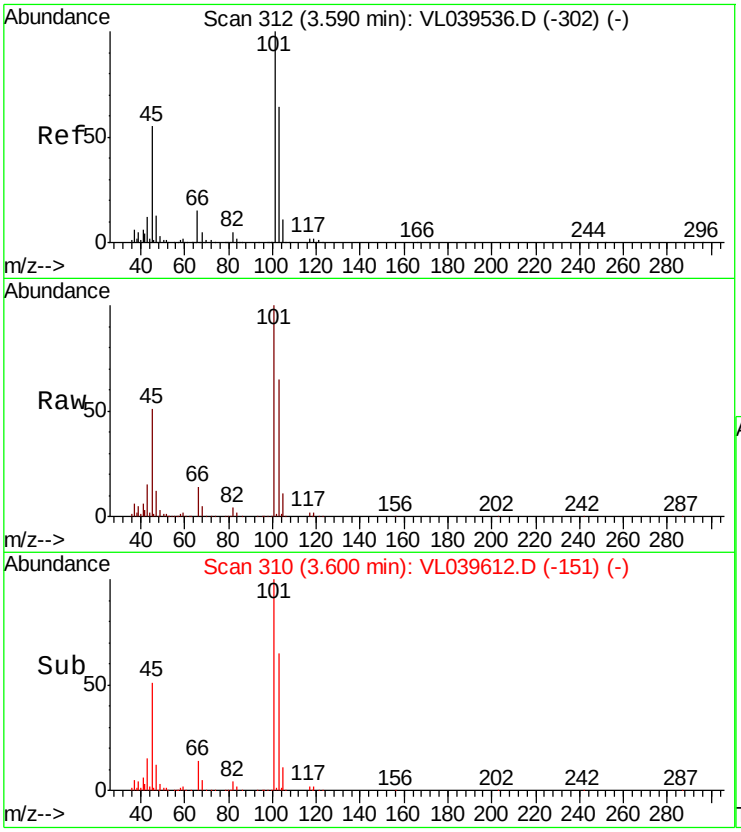


#18
1,1-Dichloroethene
Concen: 10.416 ppbv
RT: 3.91 min Scan# 406
Delta R.T. 0.01 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion: 96 Resp: 504168

Ion	Ratio	Lower	Upper
96	100		
61	185.1	152.2	228.4
98	63.7	51.8	77.6



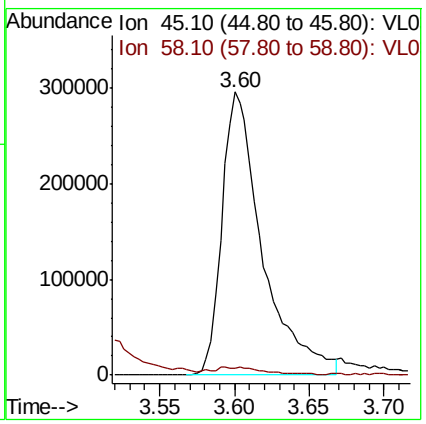


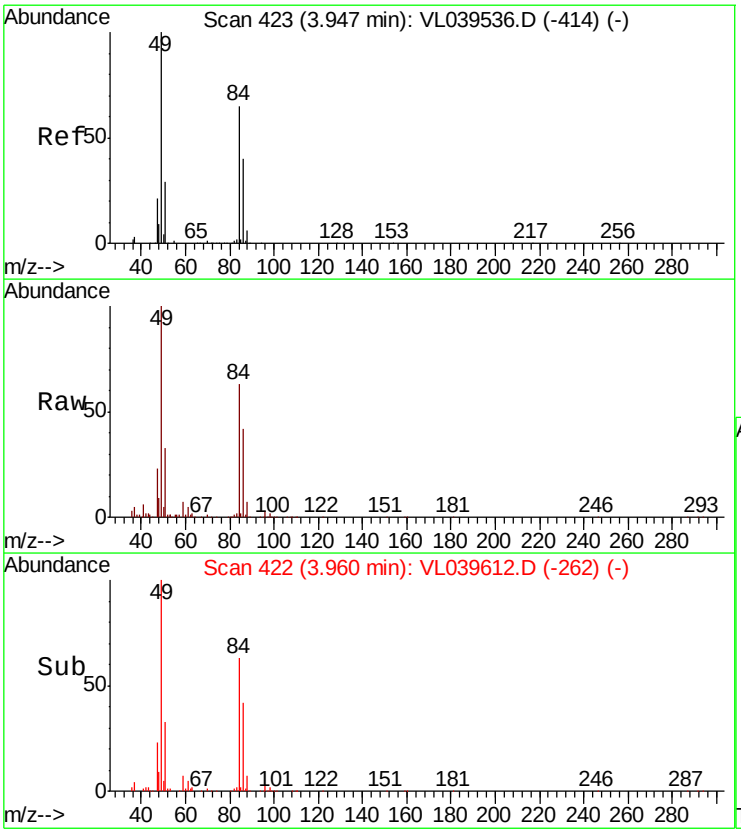
#19
Isopropyl Alcohol
Concen: 10.196 ppbv
RT: 3.60
Delta R.T
Lab File:
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 552733

Ion	Ratio	Lower	Upper
45	100		
58	3.3	3.2	4.8

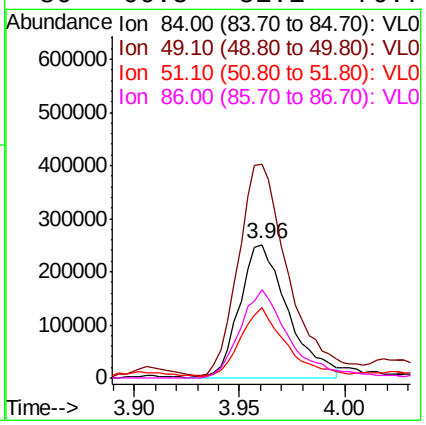


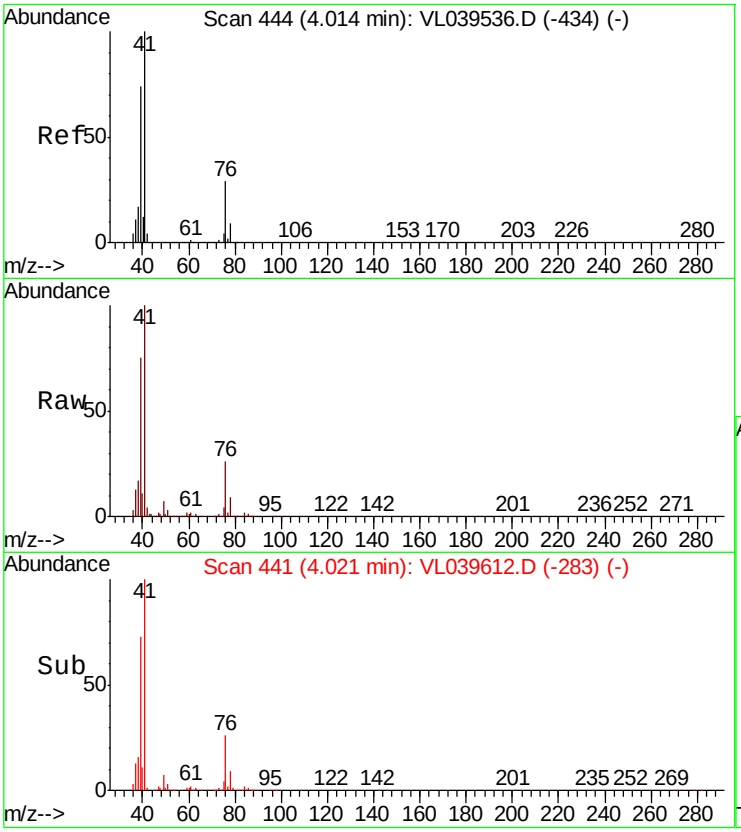


#20
Methylene Chloride
Concen: 8.774 ppbv
RT: 3.96 min Scan# 422
Delta R.T. 0.01 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion: 84 Resp: 397215

Ion	Ratio	Lower	Upper
84	100		
49	157.7	123.1	184.7
51	50.8	34.4	51.6
86	66.5	51.1	76.7



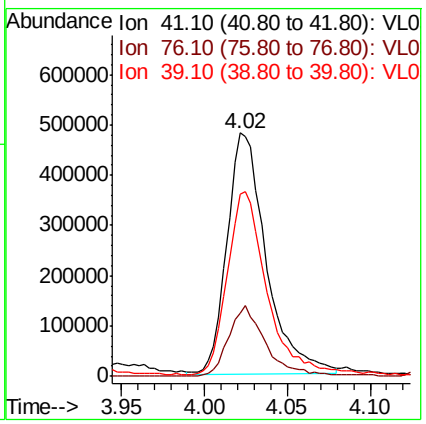


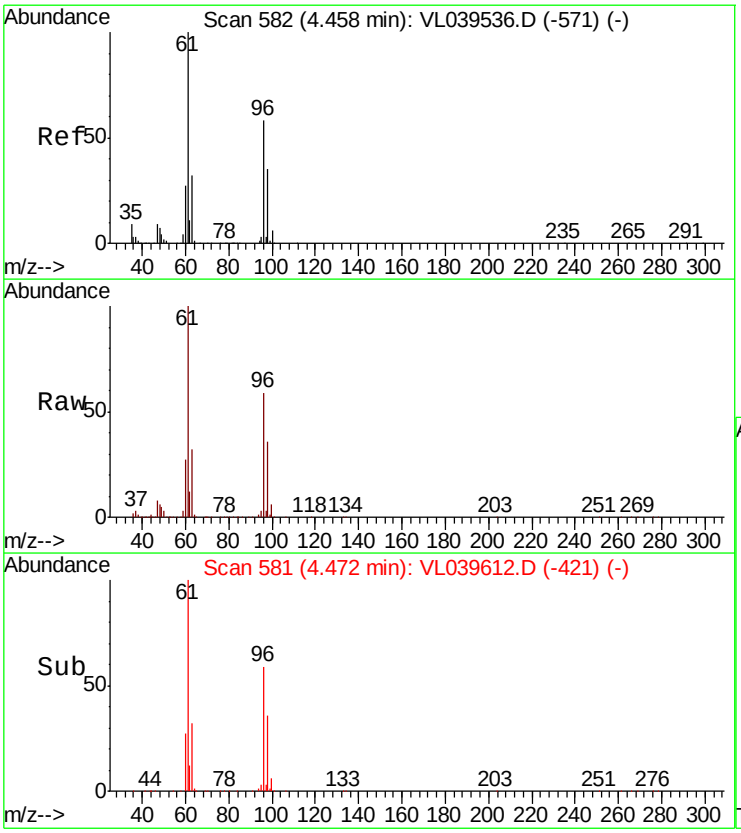
#21
Allvl Chloride
Concen: 10.984 ppbv
RT: 4.02
Delta R.T
Lab File:
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 41 Resp: 796274

Ion	Ratio	Lower	Upper
41	100		
76	28.0	24.4	36.6
39	77.1	63.5	95.3

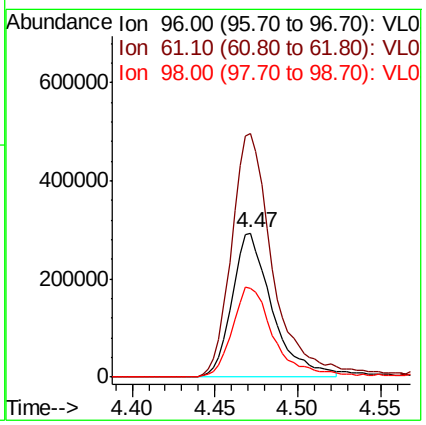


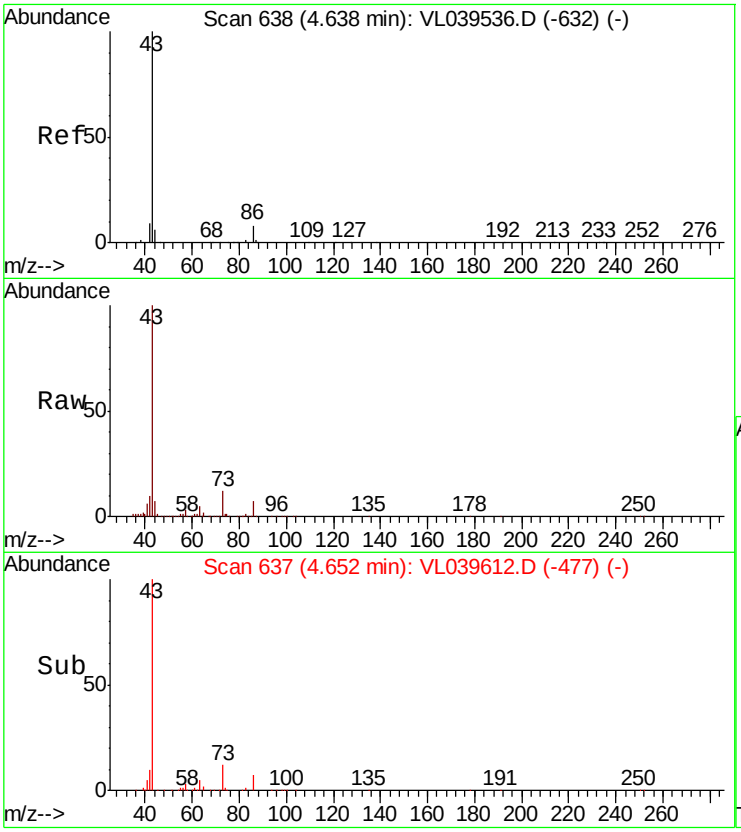


#22
trans-1,2-Dichloroethene
Concen: 10.261 ppbv
RT: 4.47 min Scan# 581
Delta R.T. 0.01 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion: 96 Resp: 493992

Ion	Ratio	Lower	Upper
96	100		
61	169.0	130.6	195.8
98	61.5	53.4	80.0



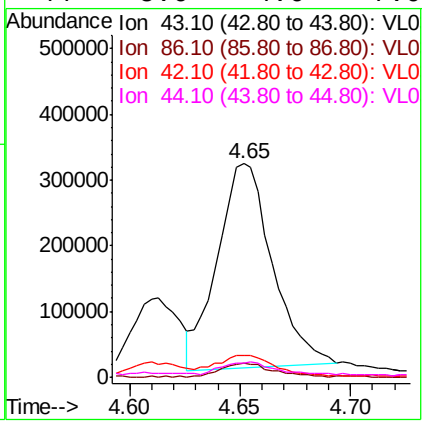


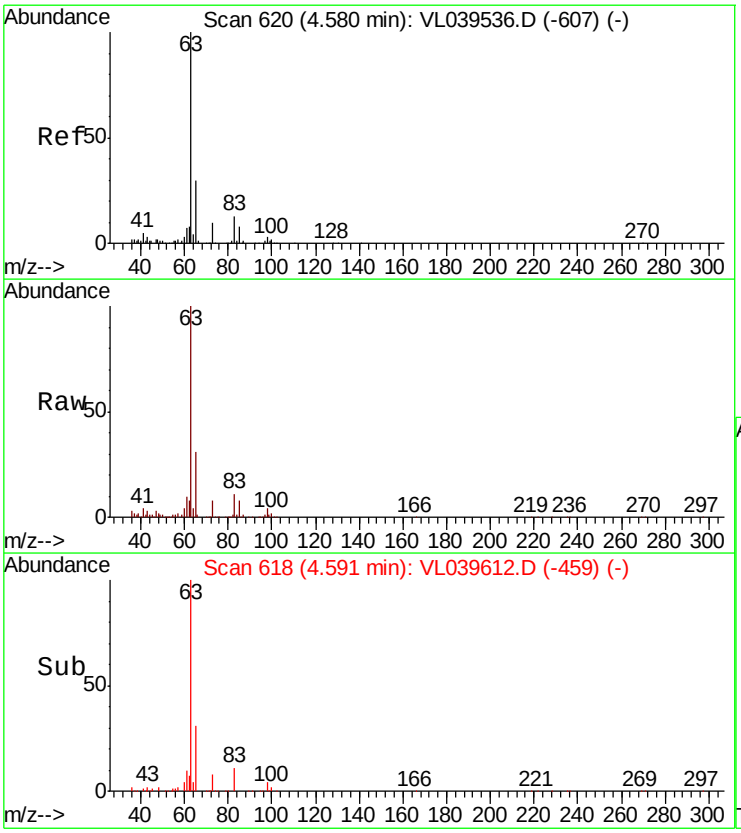
#23
Vinyl Acetate
Concen: 10.165 ppbv
RT: 4.65
Delta R.T
Lab File:
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 538609

Ion	Ratio	Lower	Upper
43	100		
86	6.8	5.0	7.6
42	9.5	7.7	11.5
44	5.6	4.6	7.0

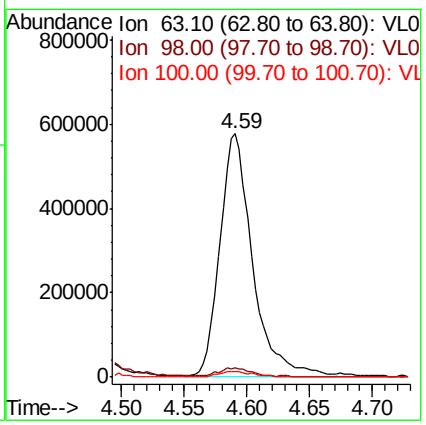


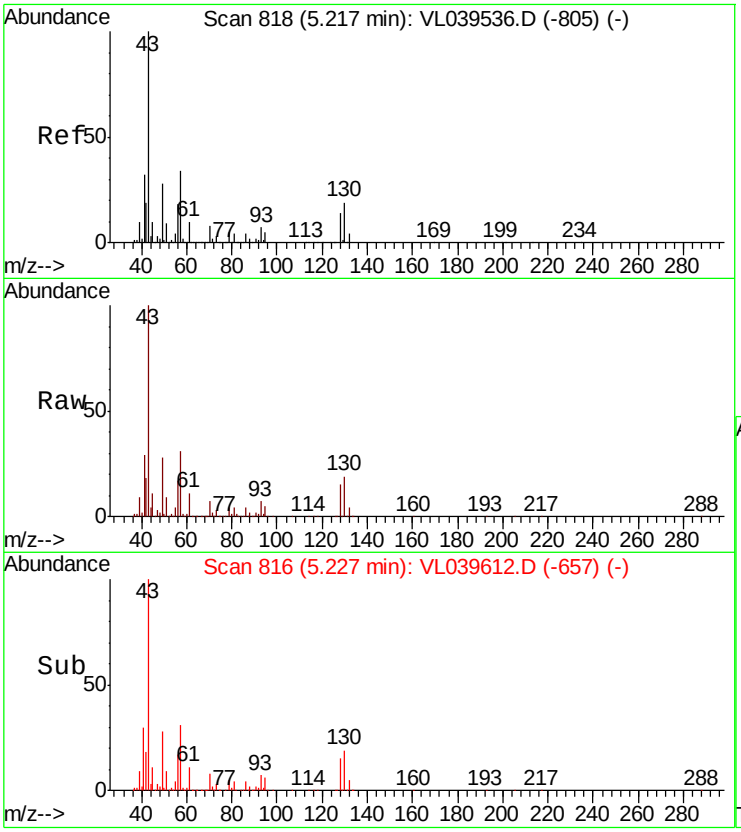


#24
1,1-Dichloroethane
Concen: 10.622 ppbv
RT: 4.59 min Scan# 618
Delta R.T. 0.01 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion: 63 Resp: 1041817

Ion	Ratio	Lower	Upper
63	100		
98	3.8	1.8	5.3
100	2.3	1.5	4.4



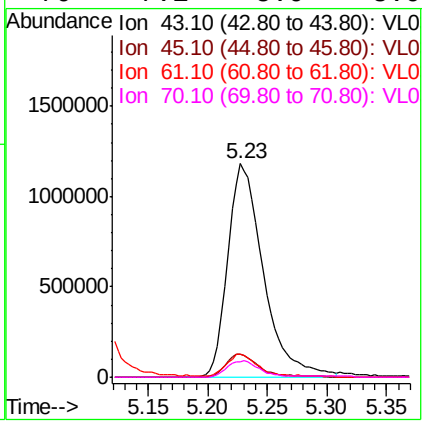


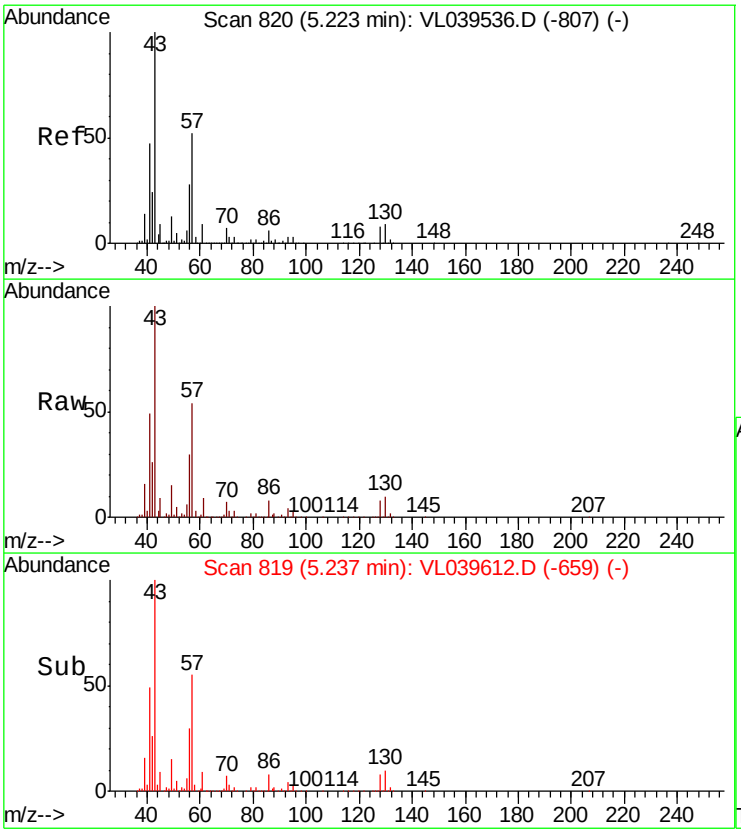
#25
Ethyl Acetate
Concen: 10.287 ppbv
RT: 5.23
Delta R.T
Lab File:
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 2452891

Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.2	12.4
61	10.1	8.3	12.5
70	7.1	5.9	8.9

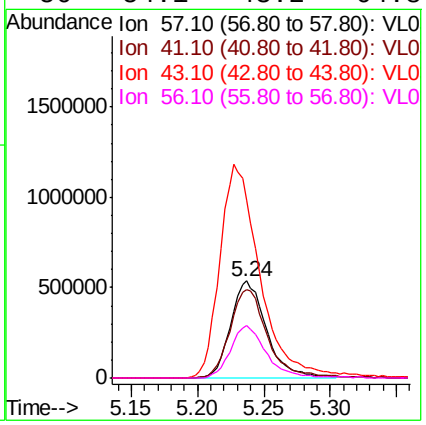


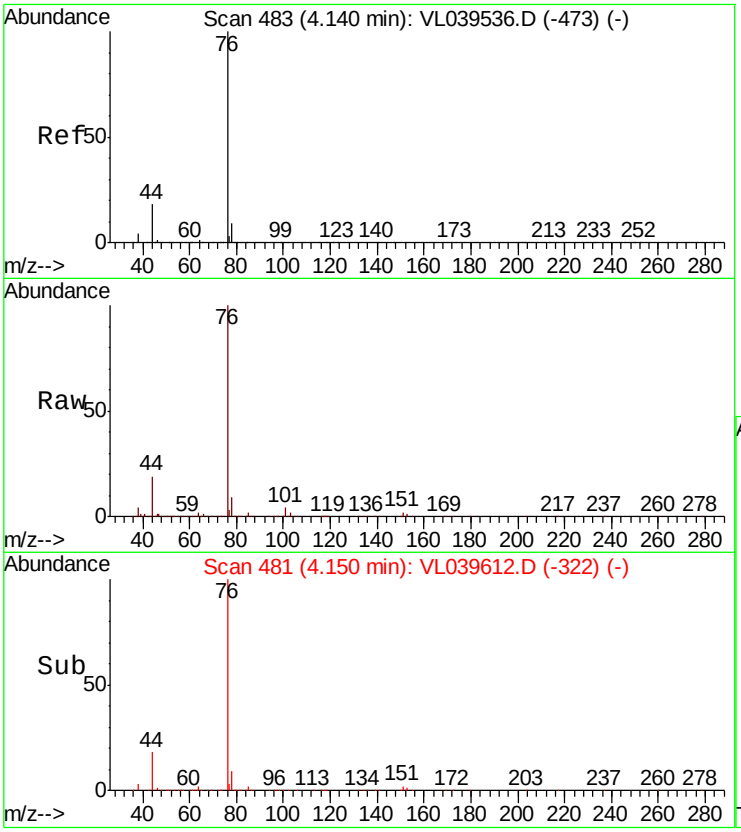


#26
Hexane
Concen: 10.428 ppbv
RT: 5.24 min Scan# 819
Delta R.T. 0.01 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion: 57 Resp: 1014875

Ion	Ratio	Lower	Upper
57	100		
41	96.0	76.9	115.3
43	246.6	191.0	286.6
56	54.1	43.2	64.8



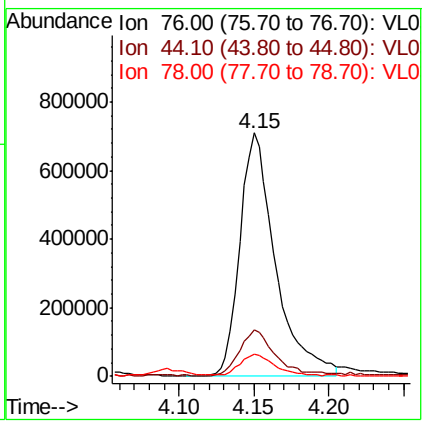


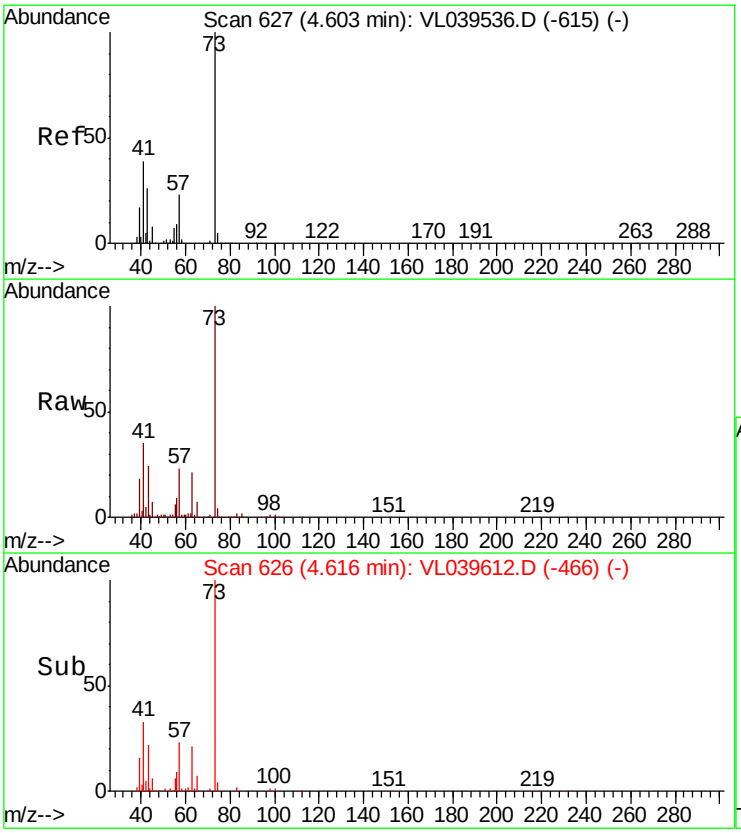
#27
Carbon Disulfide
Concen: 11.278 ppbv
RT: 4.15
Delta R.T
Lab File:
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 76 Resp: 1172502

Ion	Ratio	Lower	Upper
76	100		
44	20.0	14.6	21.8
78	10.0	7.8	11.6

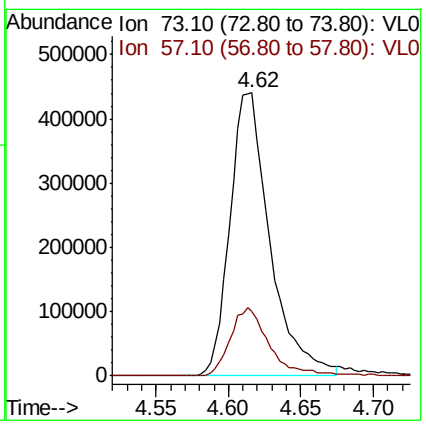


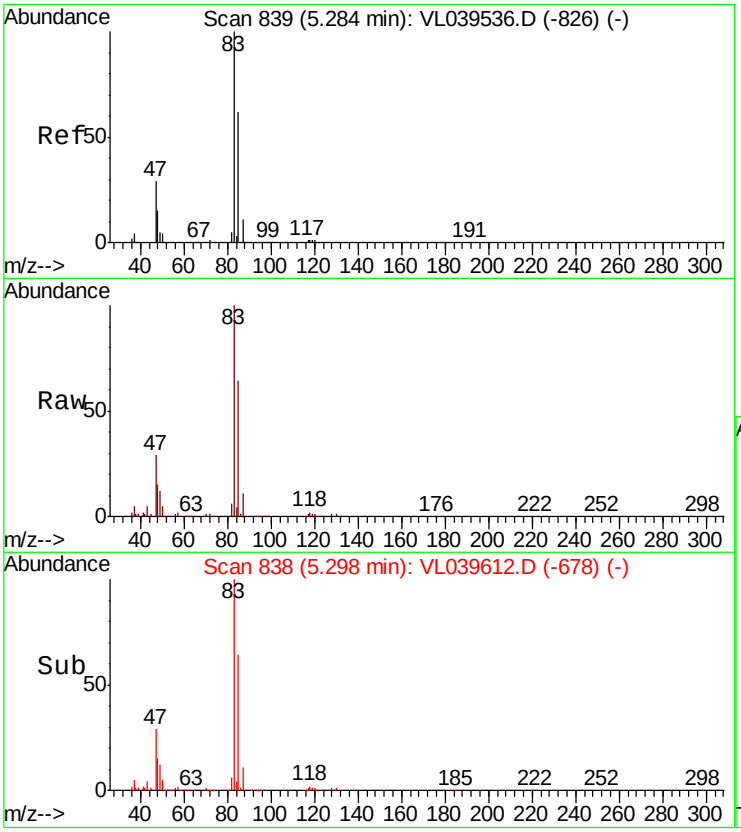


#28
Methyl tert-Butyl Ether
Concen: 10.082 ppbv
RT: 4.62 min Scan# 626
Delta R.T. 0.01 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion: 73 Resp: 846428

Ion	Ratio	Lower	Upper
73	100		
57	23.8	19.8	29.8



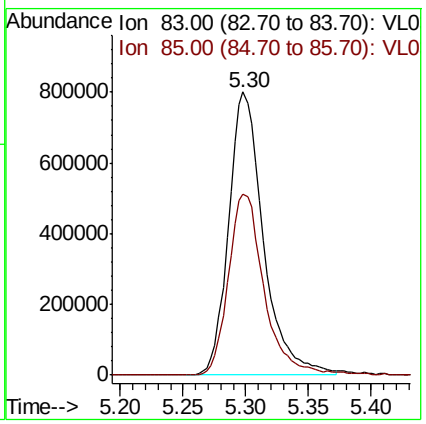


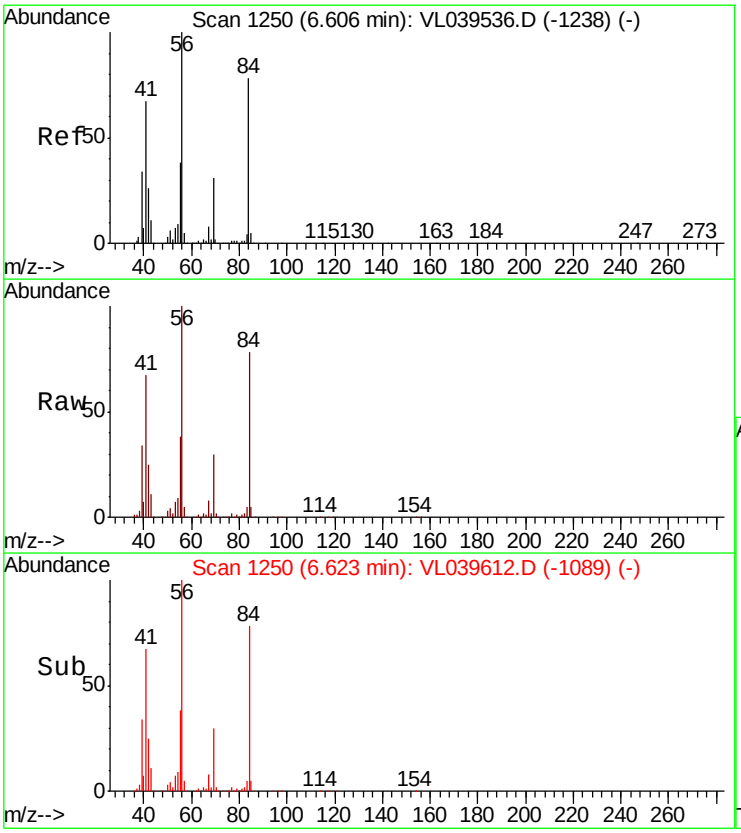
#29
Chloroform
Concen: 10.139 ppbv
RT: 5.30
Delta R.T
Lab File:
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 1543286

Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.8	79.2

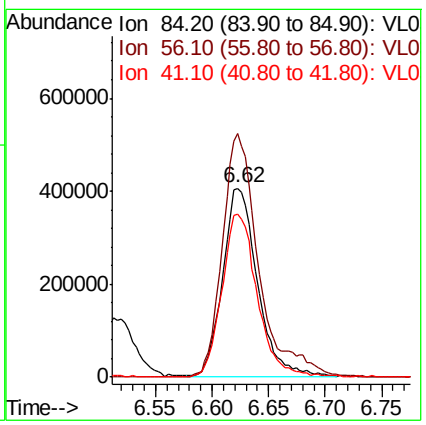


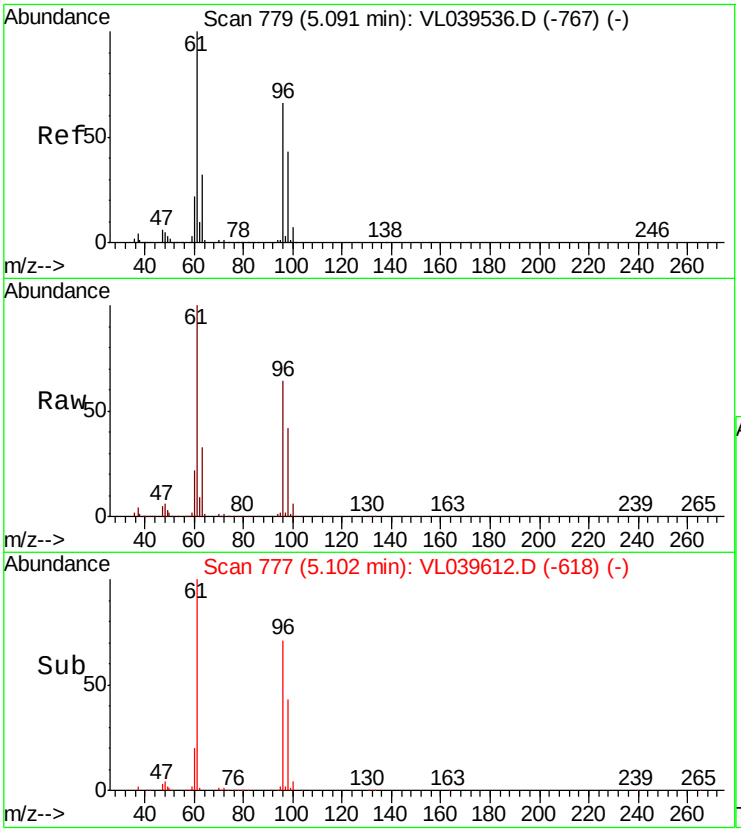


#30
Cyclohexane
Concen: 10.712 ppbv
RT: 6.62 min Scan# 1250
Delta R.T. 0.02 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion: 84 Resp: 863207

Ion	Ratio	Lower	Upper
84	100		
56	137.0	107.7	161.5
41	88.0	67.7	101.5



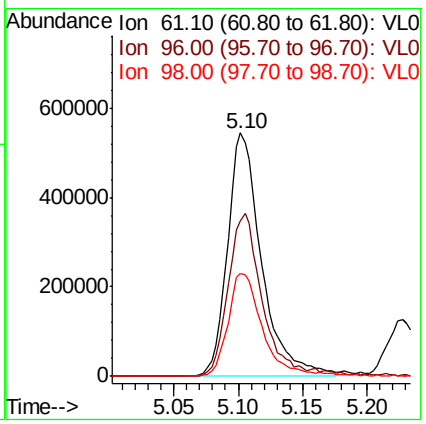


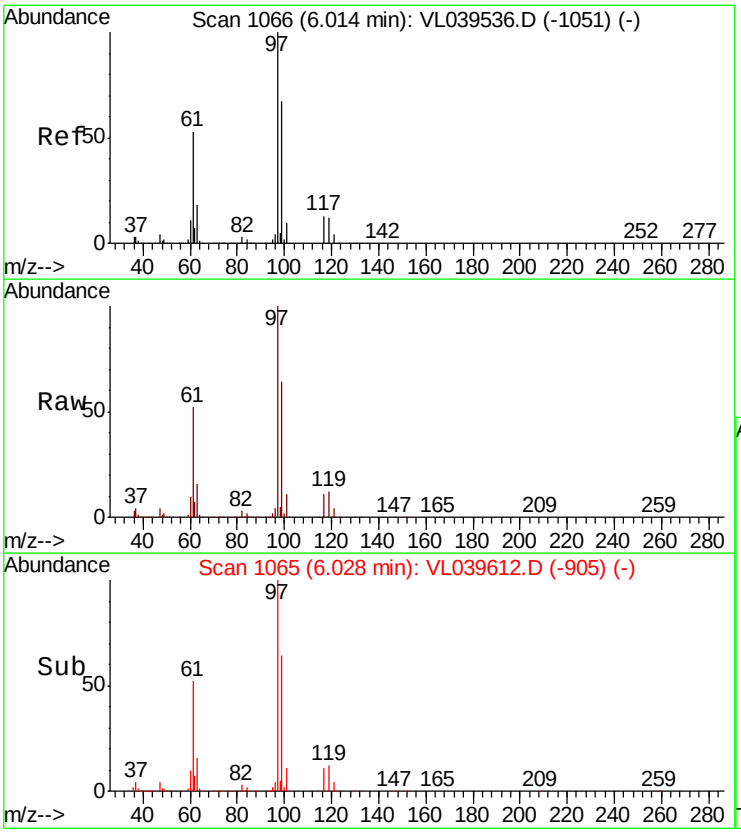
#31
cis-1,2-Dichloroethene
Concen: 10.598 ppbv
RT: 5.10
Delta R.T
Lab File:
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 61 Resp: 999031

Ion	Ratio	Lower	Upper
61	100		
96	64.0	54.1	81.1
98	42.0	34.6	52.0

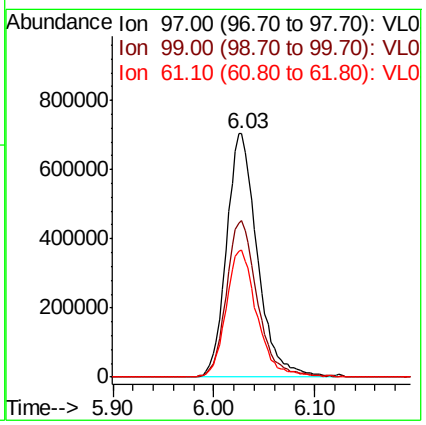


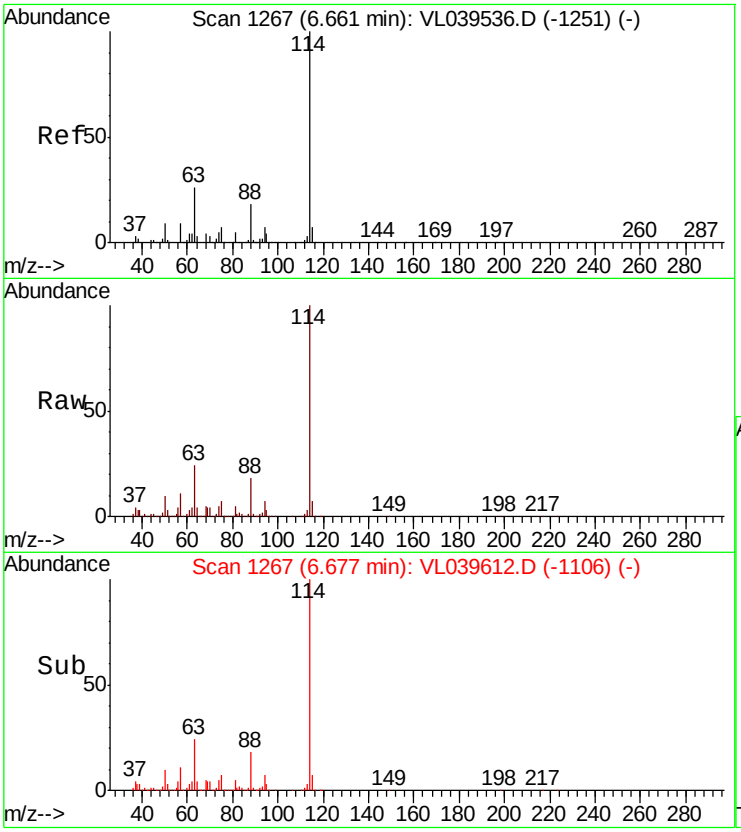


#32
1,1,1-Trichloroethane
Concen: 11.208 ppbv
RT: 6.03 min Scan# 1065
Delta R.T. 0.01 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion: 97 Resp: 1500789

Ion	Ratio	Lower	Upper
97	100		
99	64.9	52.3	78.5
61	52.9	40.9	61.3



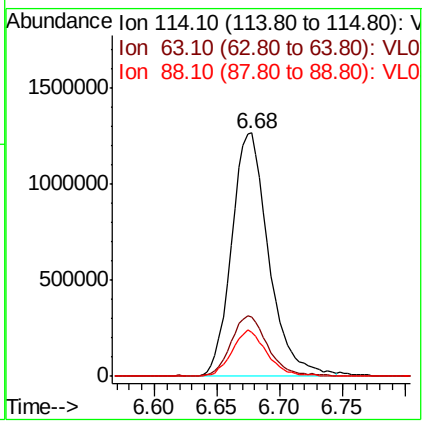


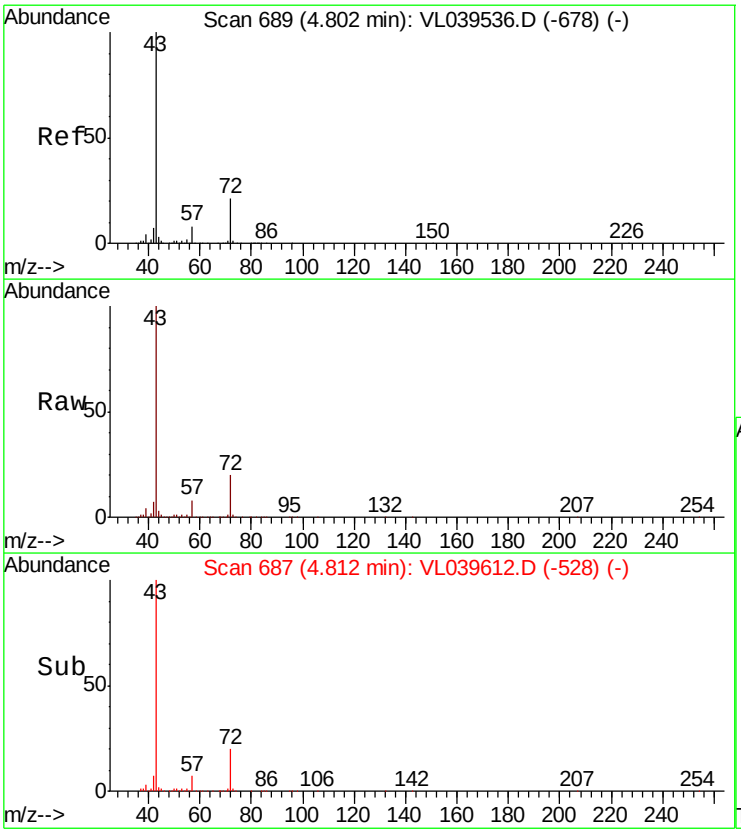
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.68
Delta R.T
Lab File:
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:114 Resp: 2601095

Ion	Ratio	Lower	Upper
114	100		
63	25.4	20.2	30.4
88	18.2	14.5	21.7

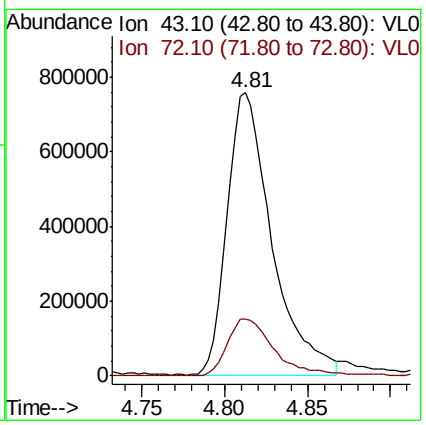


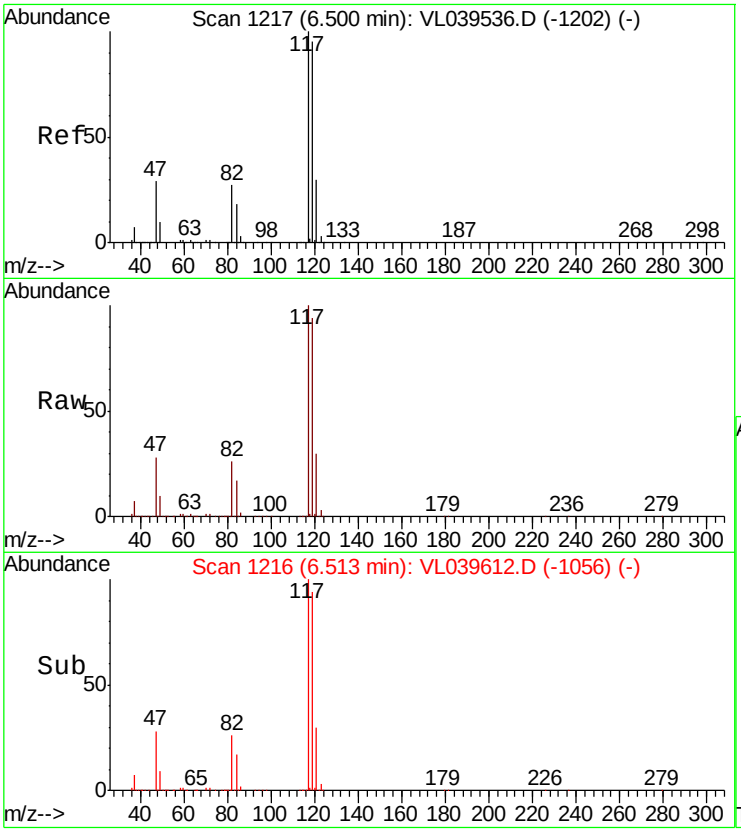


#34
2-Butanone
Concen: 10.952 ppbv
RT: 4.81 min Scan# 687
Delta R.T. 0.01 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion: 43 Resp: 1416172

Ion	Ratio	Lower	Upper
43	100		
72	21.7	17.9	26.9



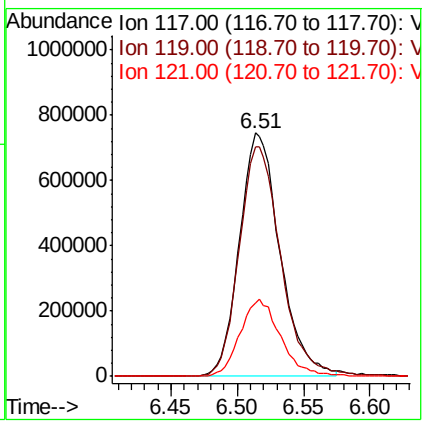


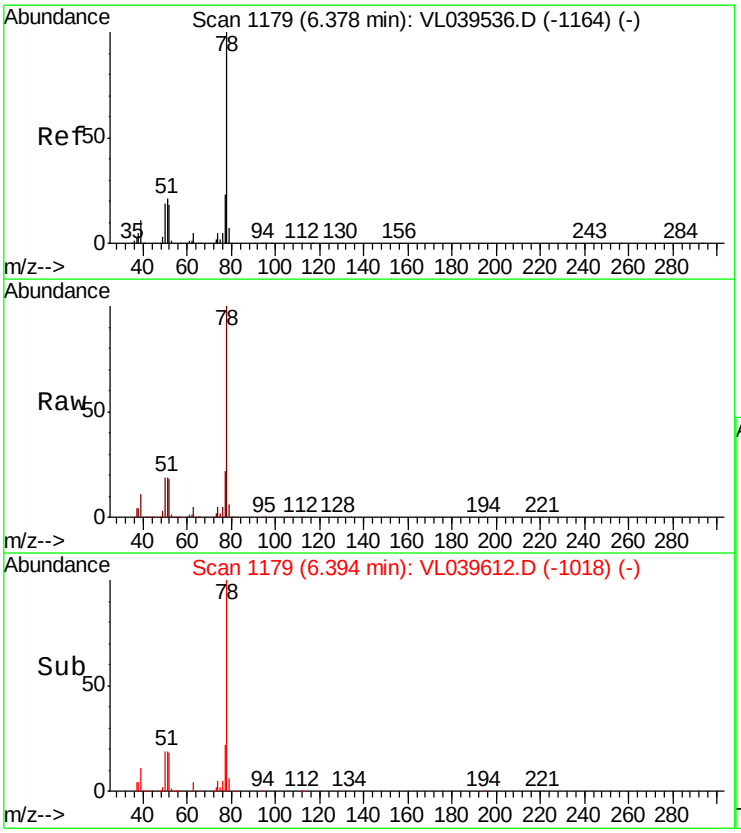
#35
Carbon Tetrachloride
Concen: 11.265 ppbv
RT: 6.51
Delta R.T
Lab File:
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 1583960

Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.4	113.2
121	29.9	24.2	36.2

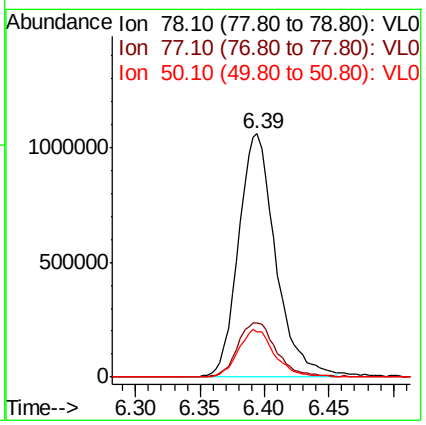


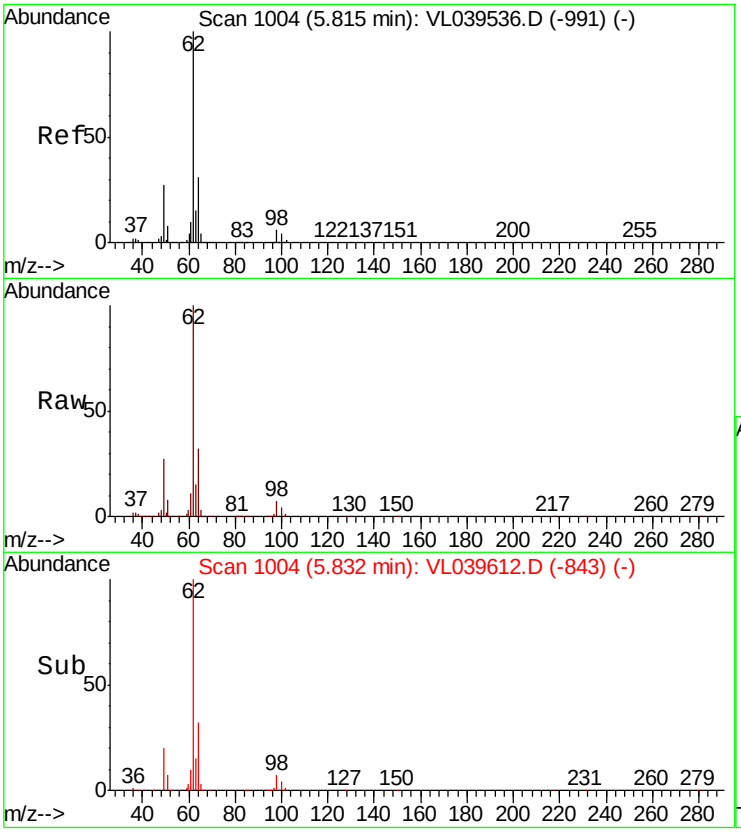


#36
Benzene
Concen: 10.723 ppbv
RT: 6.39 min Scan# 1179
Delta R.T. 0.02 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion: 78 Resp: 2126096

Ion	Ratio	Lower	Upper
78	100		
77	22.3	20.3	30.5
50	18.6	15.5	23.3



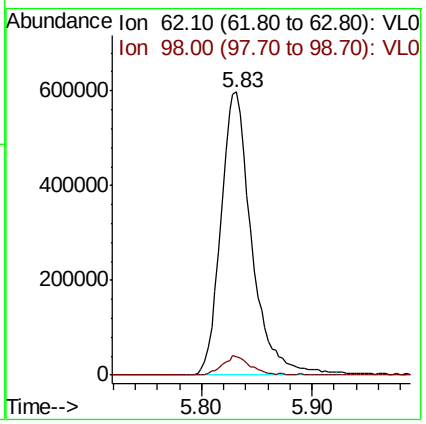


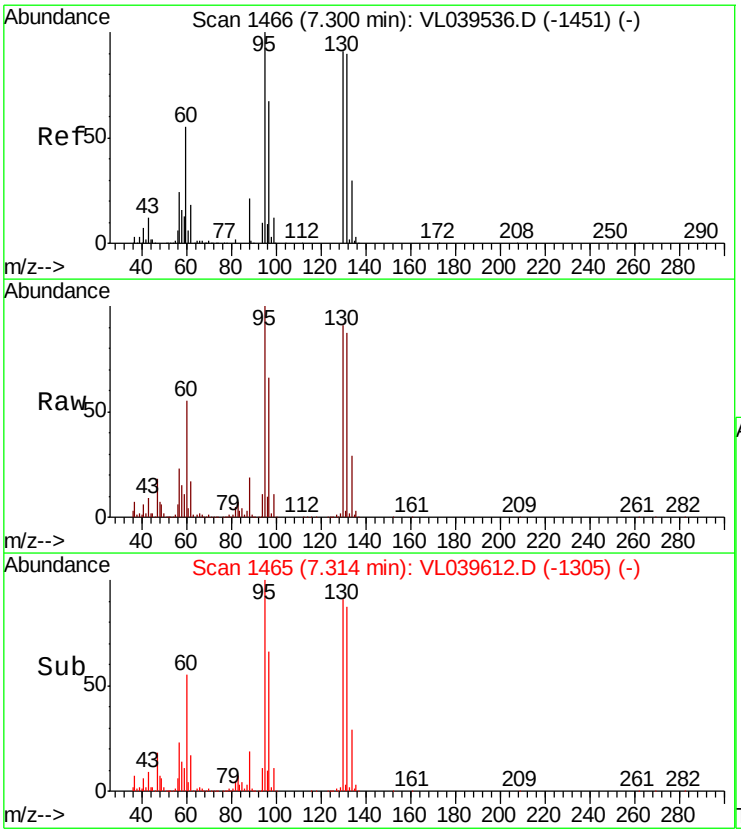
#37
1,2-Dichloroethane
Concen: 10.589 ppbv
RT: 5.83
Delta R.T
Lab File:
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 1156494

Ion	Ratio	Lower	Upper
62	100		
98	6.6	5.1	7.7

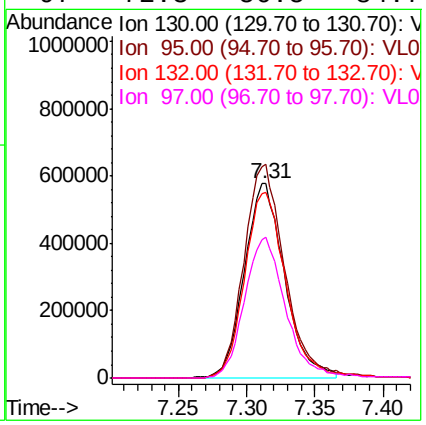


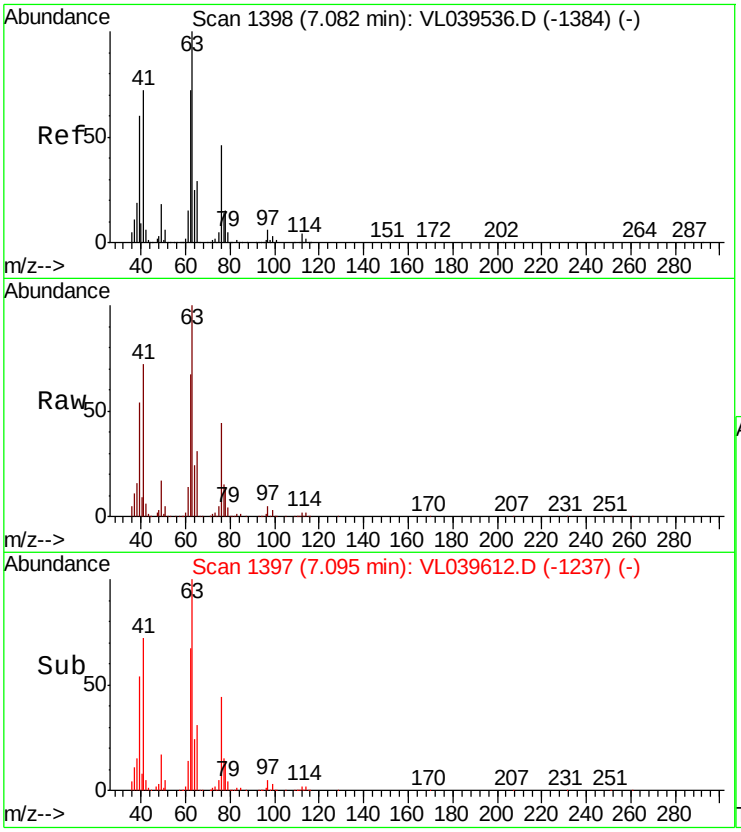


#38
Trichloroethene
Concen: 11.066 ppbv
RT: 7.31 min Scan# 1465
Delta R.T. 0.01 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion:130 Resp: 1175649

Ion	Ratio	Lower	Upper
130	100		
95	110.1	87.3	130.9
132	95.8	76.7	115.1
97	72.3	56.5	84.7



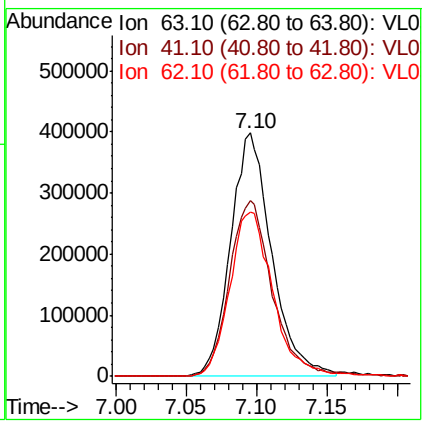


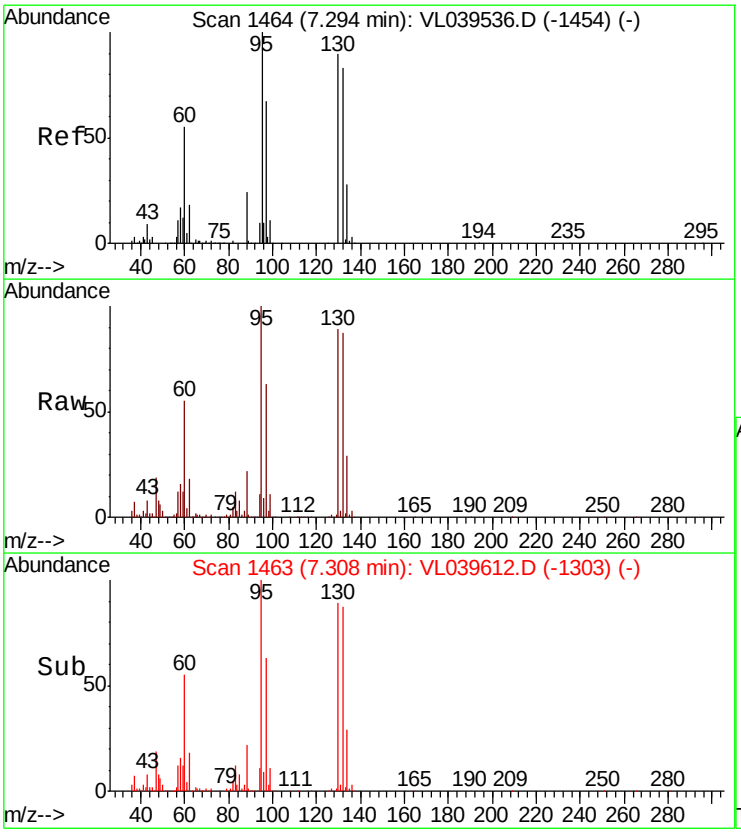
#39
1,2-Dichloropropane
Concen: 10.905 ppbv
RT: 7.10
Delta R.T
Lab File:
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 63 Resp: 812896

Ion	Ratio	Lower	Upper
63	100		
41	71.7	59.6	89.4
62	67.2	51.4	77.0

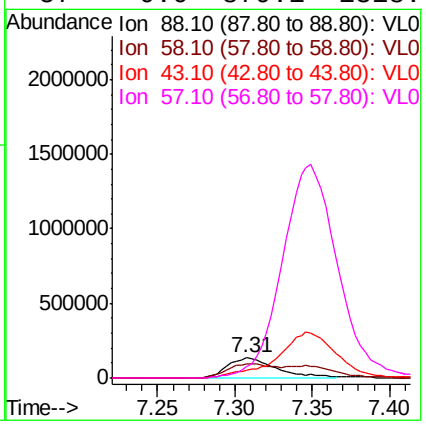


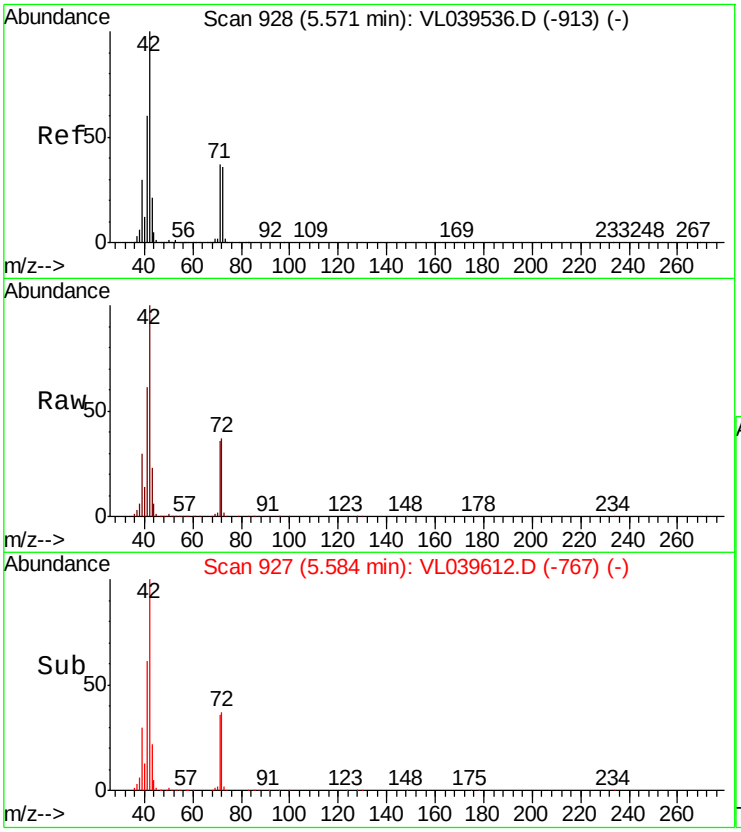


#40
1,4-Dioxane
Concen: 10.023 ppbv
RT: 7.31 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion: 88 Resp: 292528

Ion	Ratio	Lower	Upper
88	100		
58	131.3	100.2	150.4
43	0.0	205.8	308.6#
57	0.0	879.1	1318.7#



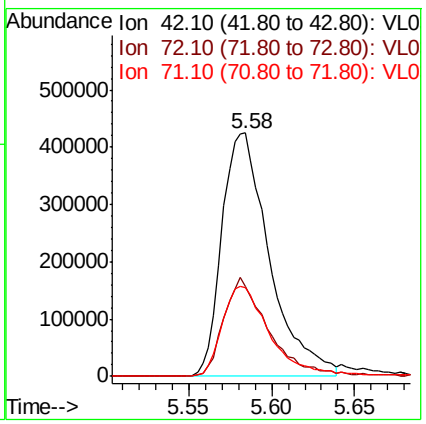


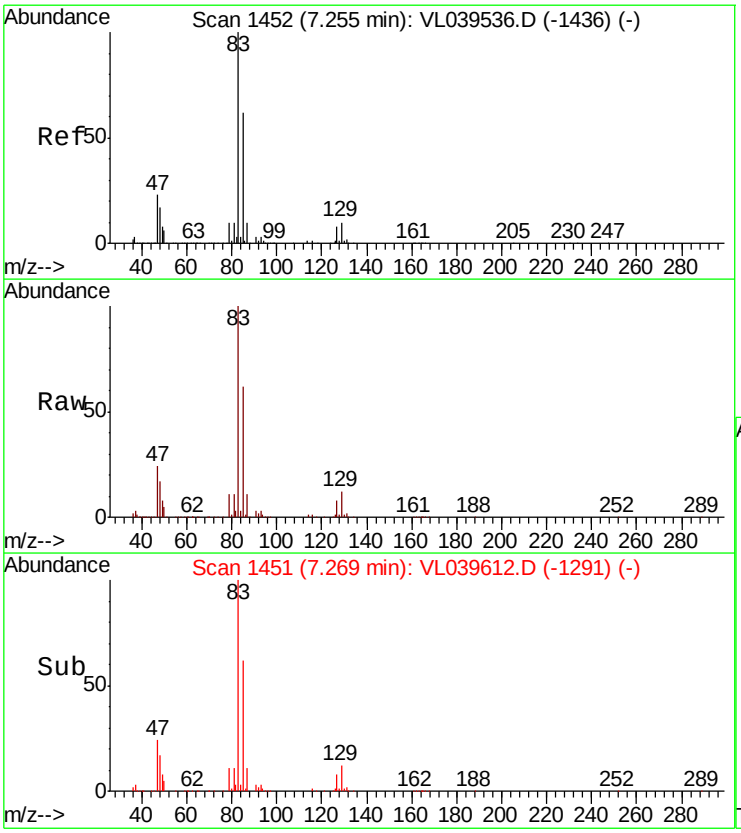
#41
Tetrahydrofuran
Concen: 10.980 ppbv
RT: 5.58
Delta R.T
Lab File:
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 42 Resp: 848155

Ion	Ratio	Lower	Upper
42	100		
72	38.7	31.8	47.8
71	38.0	31.8	47.8

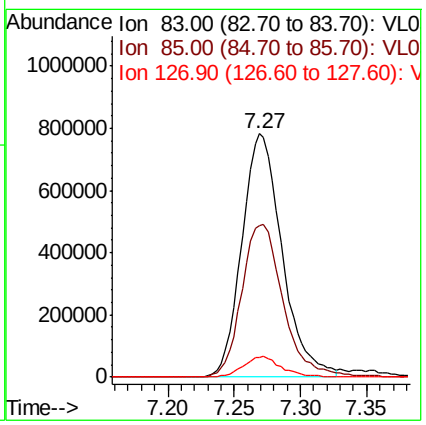


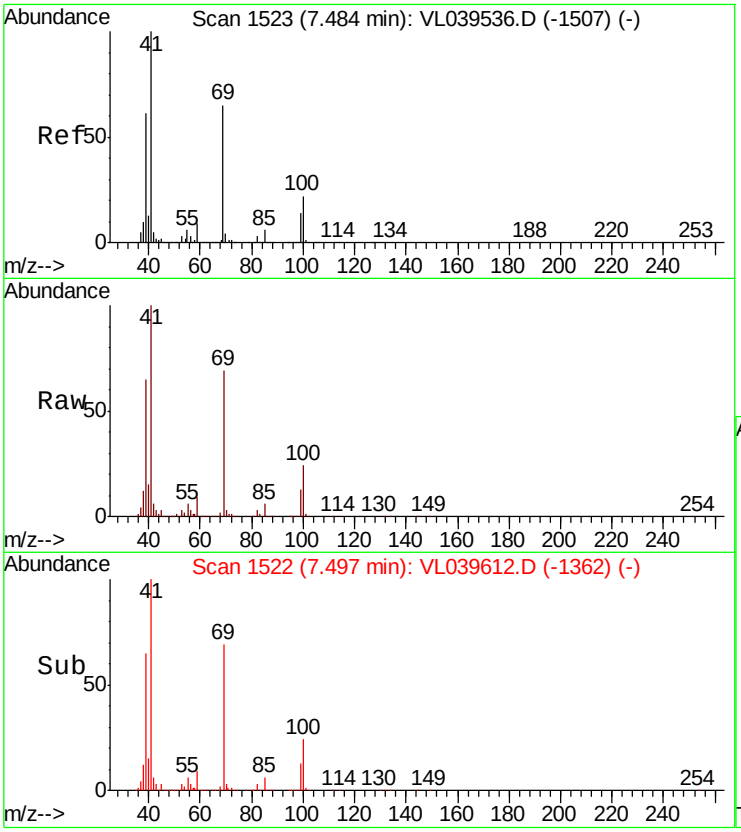


#42
Bromodichloromethane
Concen: 11.064 ppbv
RT: 7.27 min Scan# 1451
Delta R.T. 0.01 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion: 83 Resp: 1653482

Ion	Ratio	Lower	Upper
83	100		
85	62.3	50.7	76.1
127	8.3	6.6	9.8



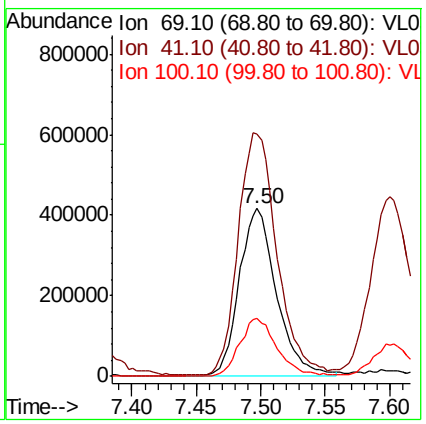


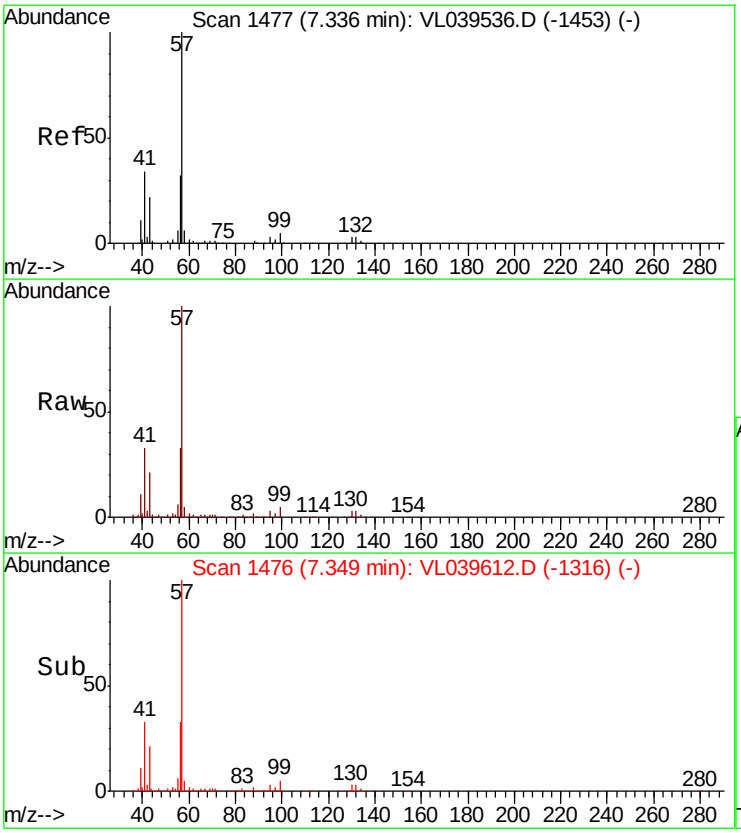
#43
Methyl Methacrylate
Concen: 11.767 ppbv
RT: 7.50
Delta R.T
Lab File:
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 69 Resp: 841349

Ion	Ratio	Lower	Upper
69	100		
41	151.4	120.8	181.2
100	34.8	27.8	41.6

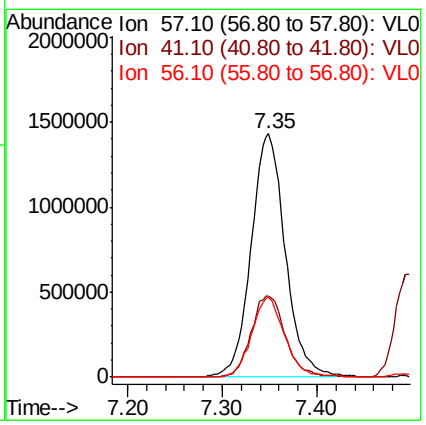


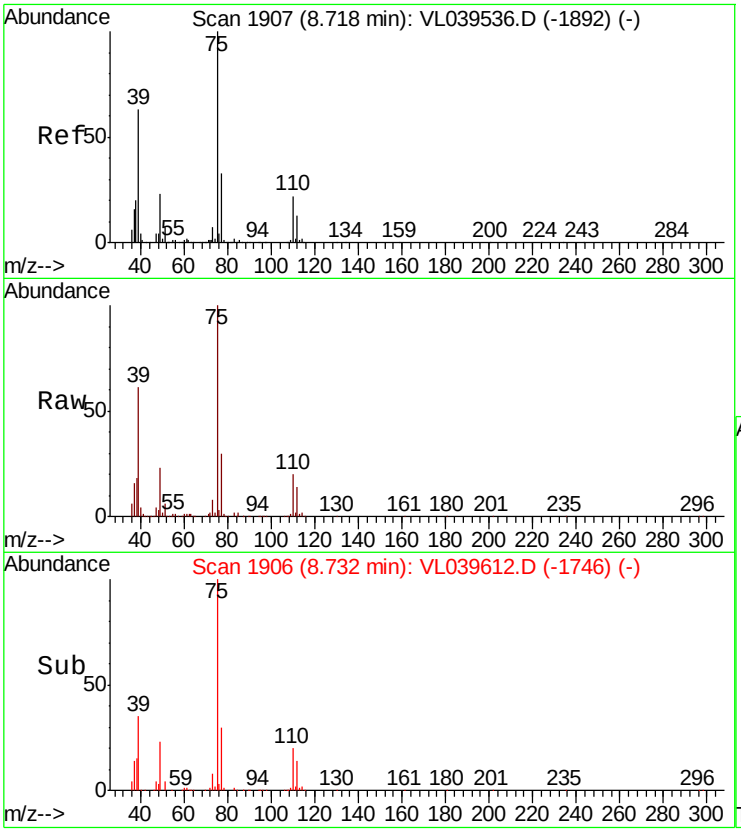


#44
2,2,4-Trimethylpentane
Concen: 10.702 ppbv
RT: 7.35 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion: 57 Resp: 3577104

Ion	Ratio	Lower	Upper
57	100		
41	33.7	27.4	41.2
56	31.9	24.5	36.7



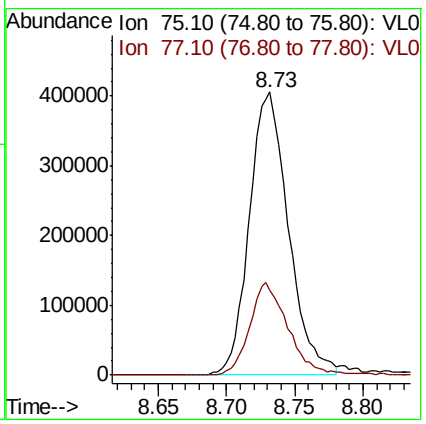


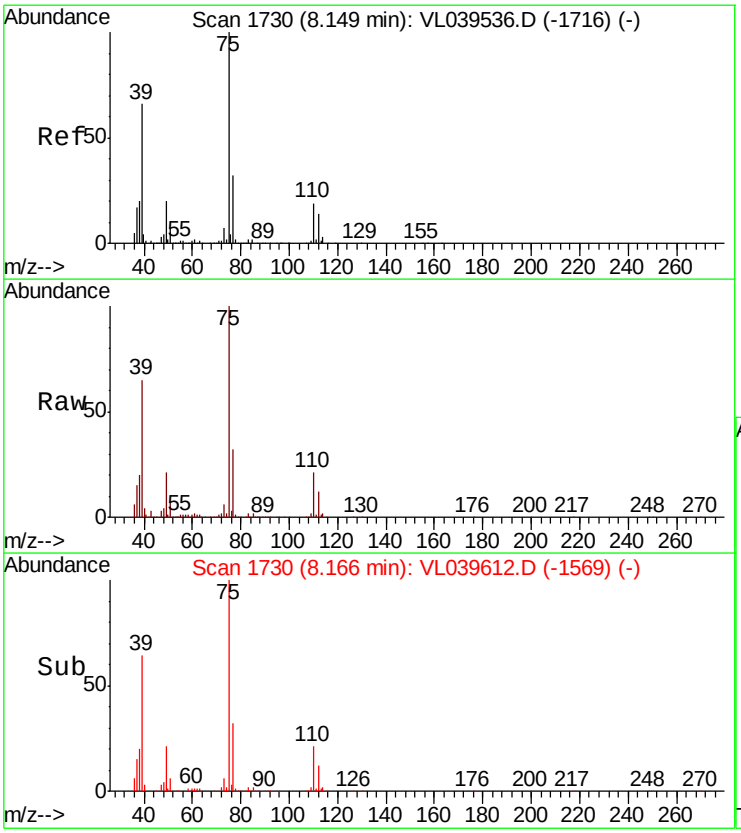
#45
t-1,3-Dichloropropene
Concen: 12.983 ppbv
RT: 8.73
Delta R.T
Lab File:
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 808434

Ion	Ratio	Lower	Upper
75	100		
77	30.1	24.6	36.8

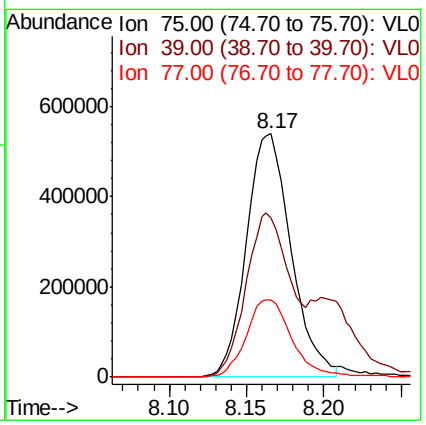


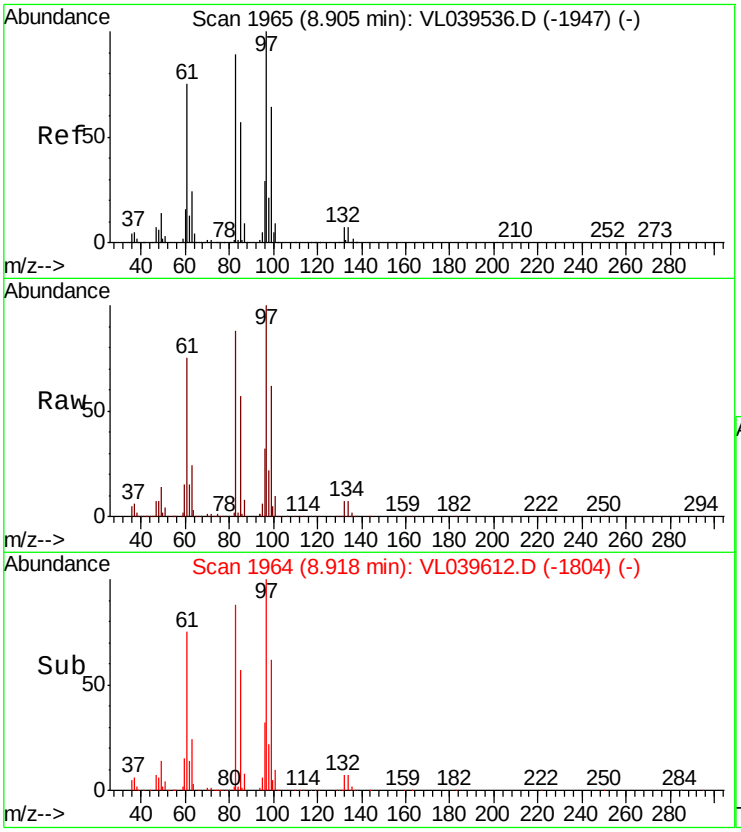


#46
cis-1,3-Dichloropropene
Concen: 12.594 ppbv
RT: 8.17 min Scan# 1730
Delta R.T. 0.02 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion: 75 Resp: 1086163

Ion	Ratio	Lower	Upper
75	100		
39	65.1	55.0	82.4
77	31.9	25.7	38.5



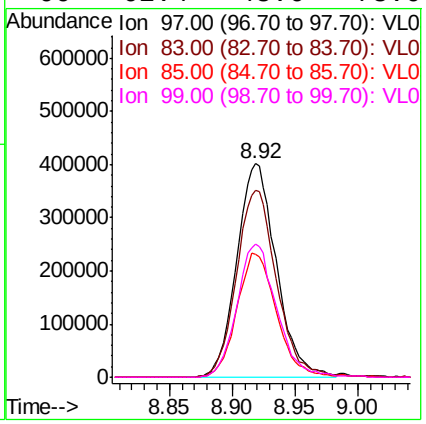


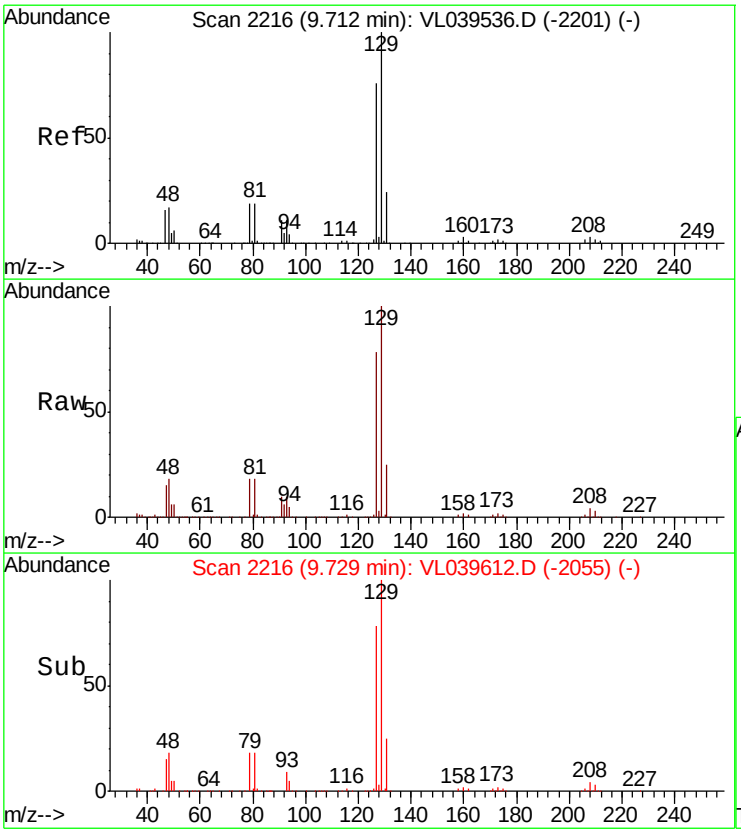
#47
1,1,2-Trichloroethane
Concen: 10.344 ppbv
RT: 8.92
Delta R.T
Lab File:
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 97 Resp: 880648

Ion	Ratio	Lower	Upper
97	100		
83	87.6	67.4	101.0
85	57.3	45.1	67.7
99	62.4	48.6	73.0

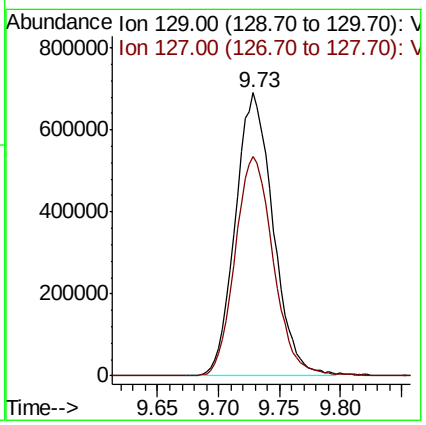


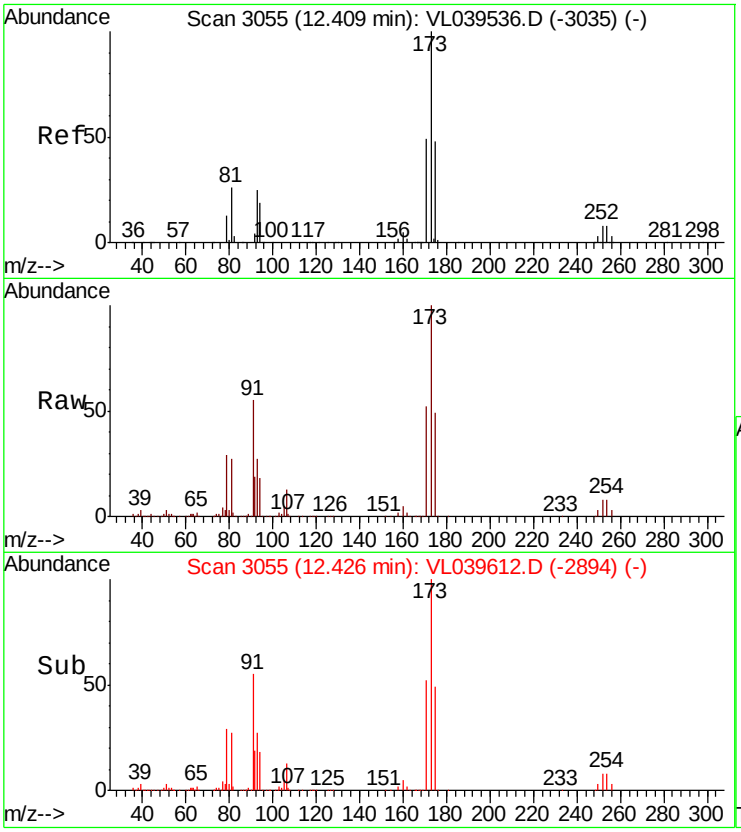


#48
Dibromochloromethane
Concen: 11.781 ppbv
RT: 9.73 min Scan# 2216
Delta R.T. 0.02 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion:129 Resp: 1478477

Ion	Ratio	Lower	Upper
129	100		
127	78.8	39.3	117.9



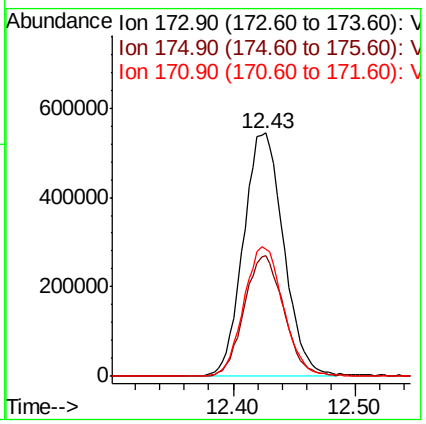


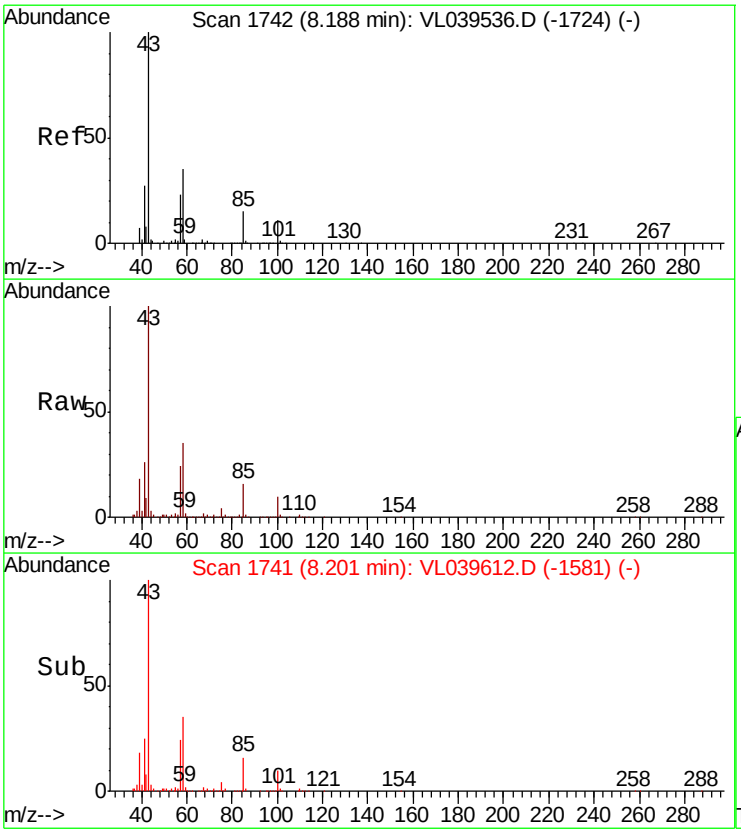
#49
Bromoform
Concen: 11.921 ppbv
RT: 12.43
Delta R.T
Lab File:
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:173 Resp: 1239184

Ion	Ratio	Lower	Upper
173	100		
175	49.2	40.3	60.5
171	52.5	42.9	64.3

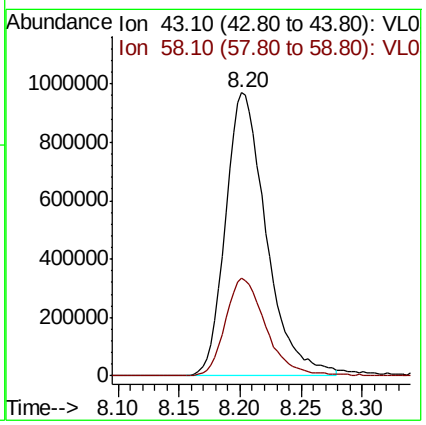


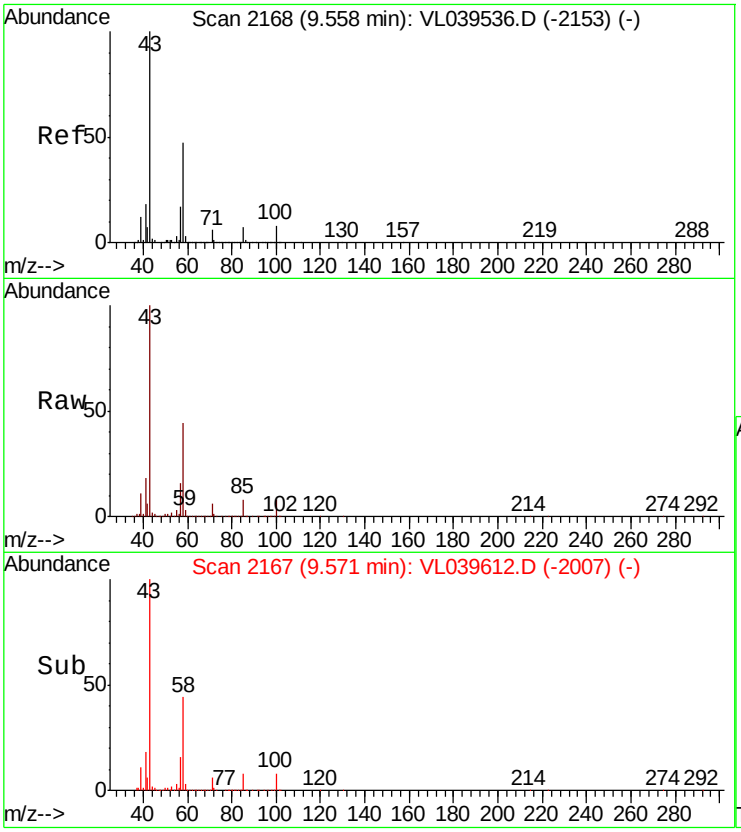


#50
4-Methyl-2-Pentanone
Concen: 11.193 ppbv
RT: 8.20 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion: 43 Resp: 2254985

Ion	Ratio	Lower	Upper
43	100		
58	34.8	28.8	43.2



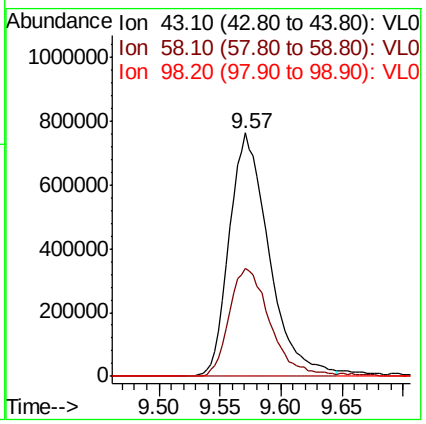


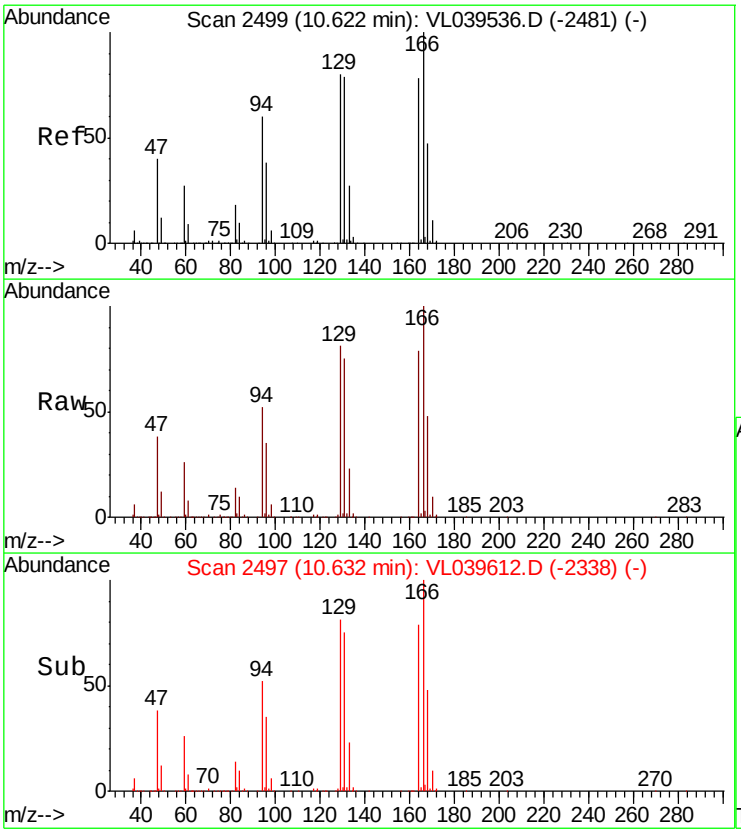
#51
2-Hexanone
Concen: 11.653 ppbv
RT: 9.57
Delta R.T
Lab File:
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 1727920

Ion	Ratio	Lower	Upper
43	100		
58	46.4	38.4	57.6
98	0.5	0.3	0.5#

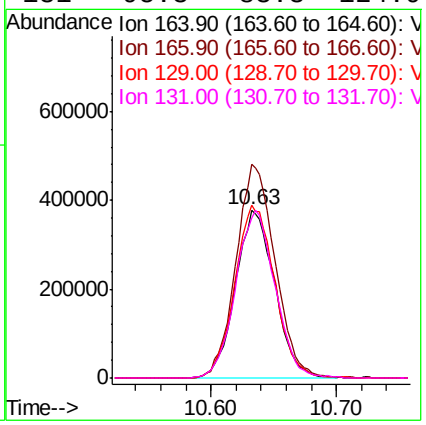


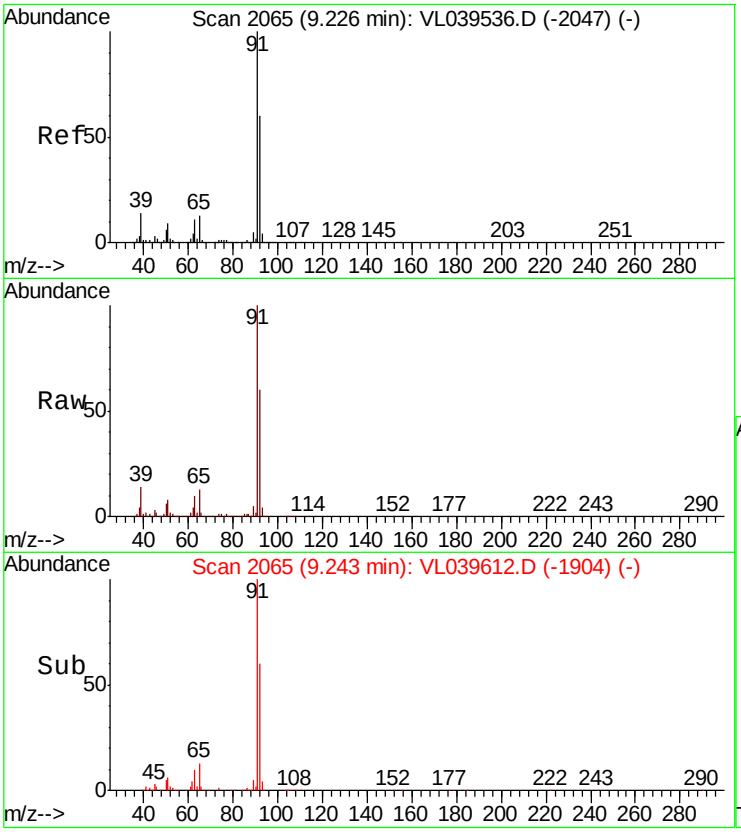


#52
Tetrachloroethene
Concen: 10.933 ppbv
RT: 10.63 min Scan# 2497
Delta R.T. 0.01 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion:164 Resp: 820149

Ion	Ratio	Lower	Upper
164	100		
166	127.0	102.2	153.2
129	102.8	85.8	128.8
131	95.3	83.3	124.9



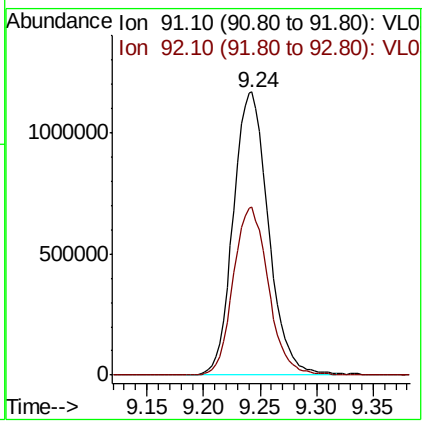


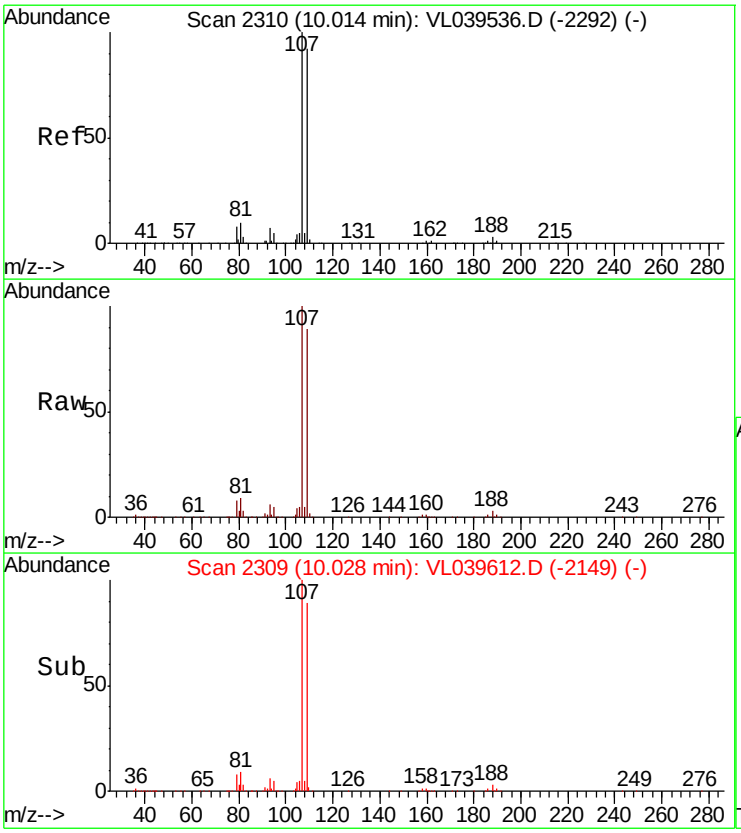
#53
Toluene
Concen: 11.371 ppbv
RT: 9.24
Delta R.T
Lab File:
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 2523189

Ion	Ratio	Lower	Upper
91	100		
92	59.6	48.2	72.2

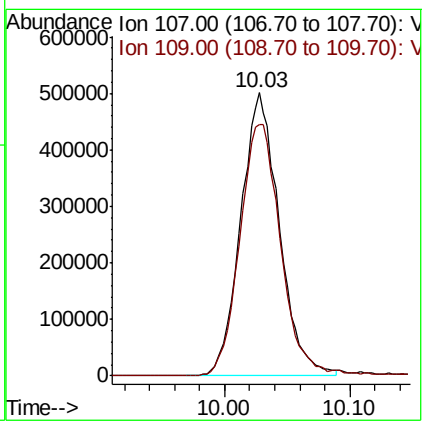


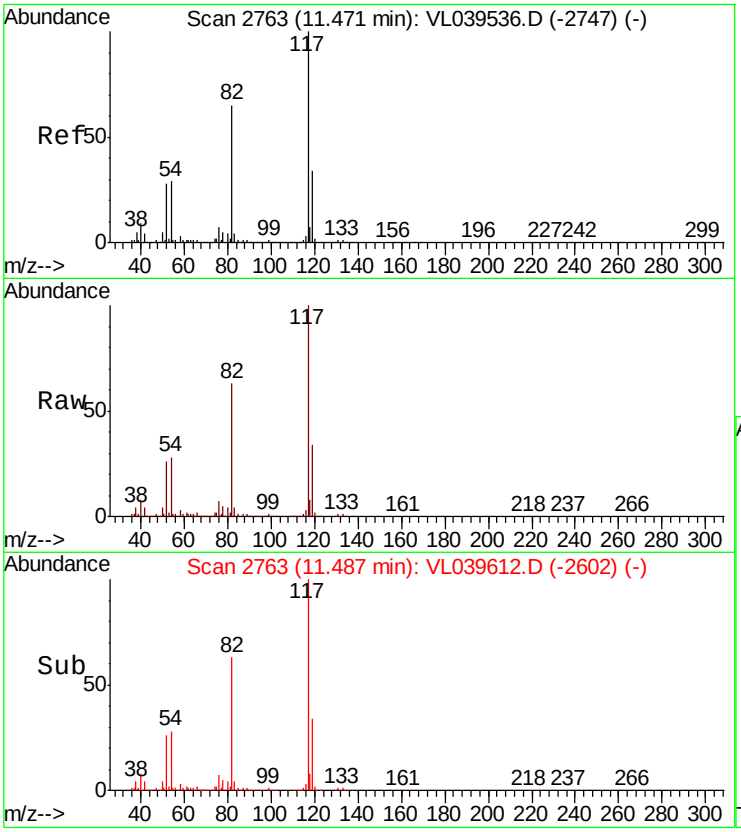


#54
1,2-Dibromoethane
Concen: 11.227 ppbv
RT: 10.03 min Scan# 2309
Delta R.T. 0.01 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion:107 Resp: 1069055

Ion	Ratio	Lower	Upper
107	100		
109	88.9	74.8	112.2



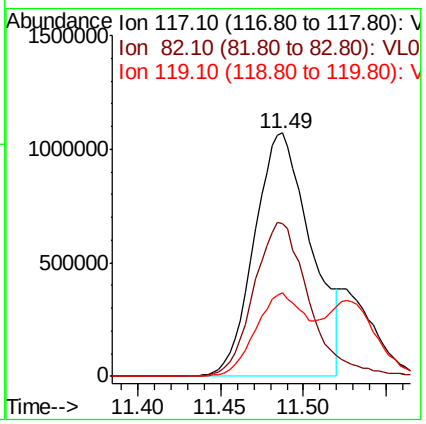


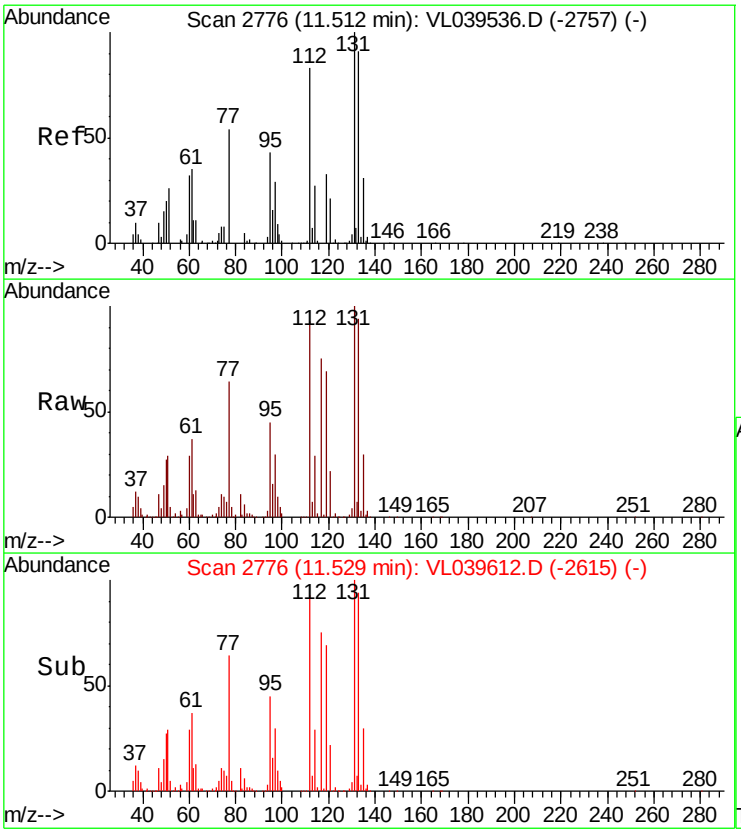
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.49
Delta R.T
Lab File:
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 2547728

Ion	Ratio	Lower	Upper
117	100		
82	62.0	50.8	76.2
119	32.4	24.1	36.1

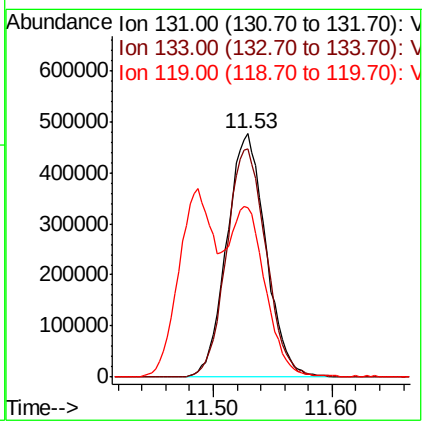


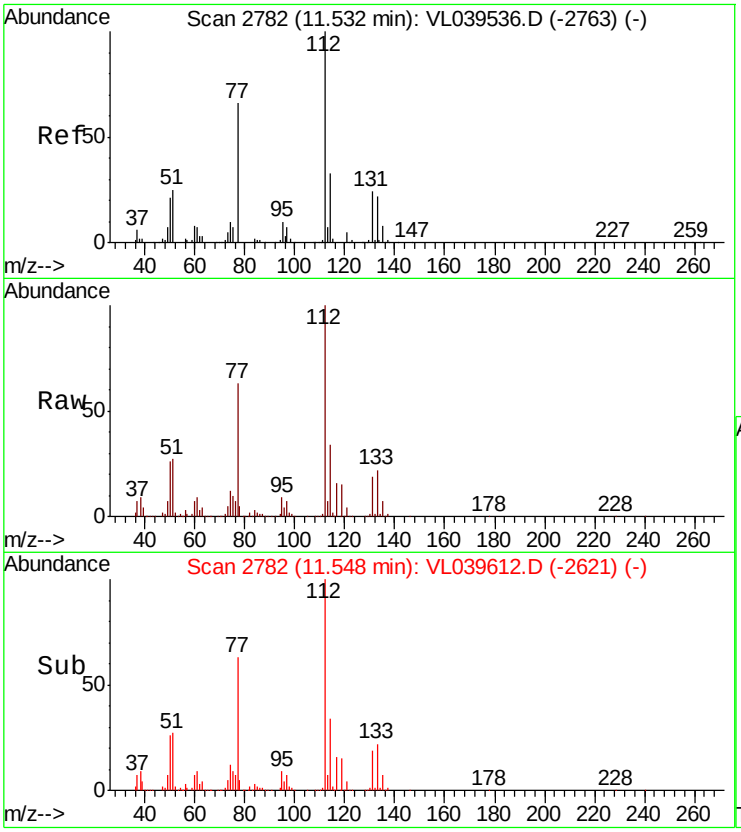


#56
1,1,1,2-Tetrachloroethane
Concen: 10.334 ppbv
RT: 11.53 min Scan# 2776
Delta R.T. 0.02 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion:131 Resp: 1069729

Ion	Ratio	Lower	Upper
131	100		
133	96.3	76.8	115.2
119	62.8	46.2	69.4



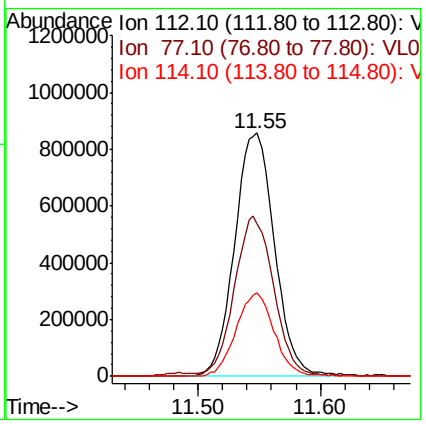


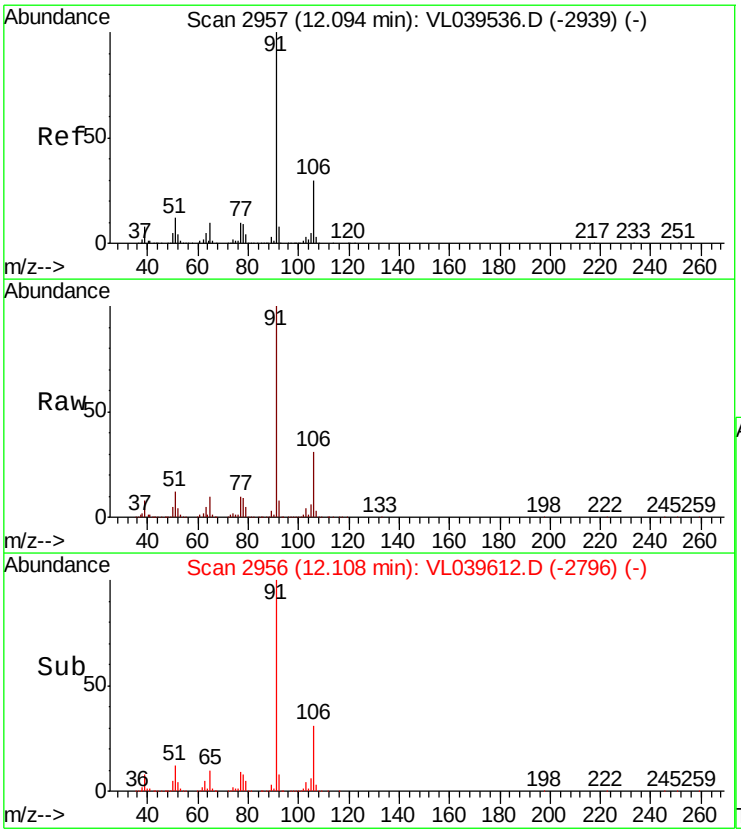
#57
Chlorobenzene
Concen: 10.188 ppbv
RT: 11.55
Delta R.T
Lab File:
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:112 Resp: 1936363

Ion	Ratio	Lower	Upper
112	100		
77	62.2	51.0	76.4
114	34.4	27.5	33.6#

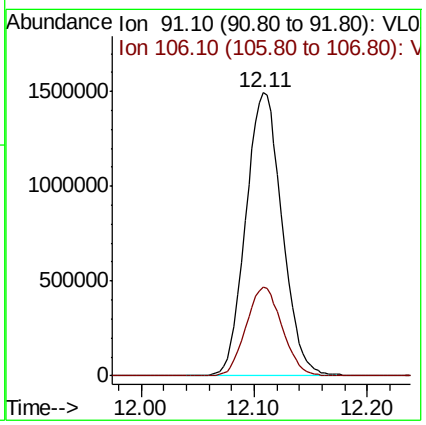


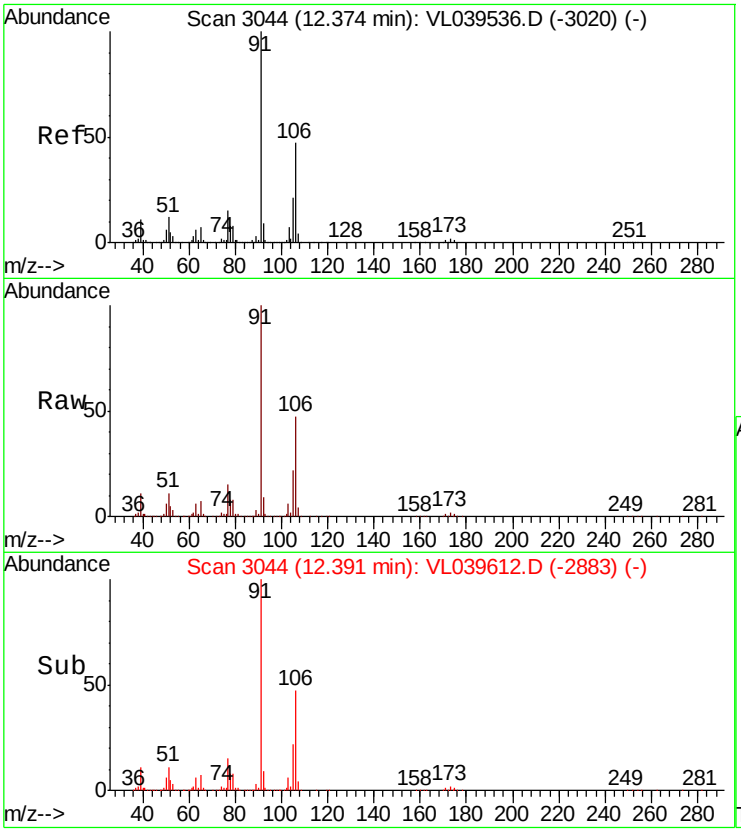


#58
Ethyl Benzene
Concen: 11.388 ppbv
RT: 12.11 min Scan# 2956
Delta R.T. 0.01 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion: 91 Resp: 3333467

Ion	Ratio	Lower	Upper
91	100		
106	31.4	25.4	38.0



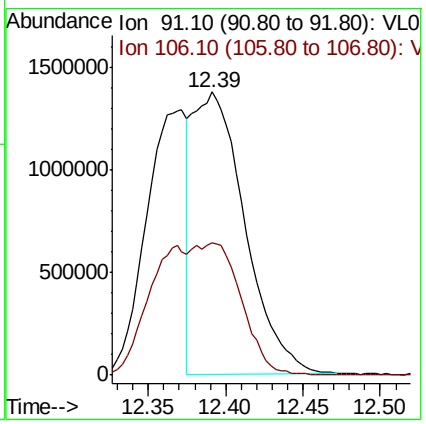


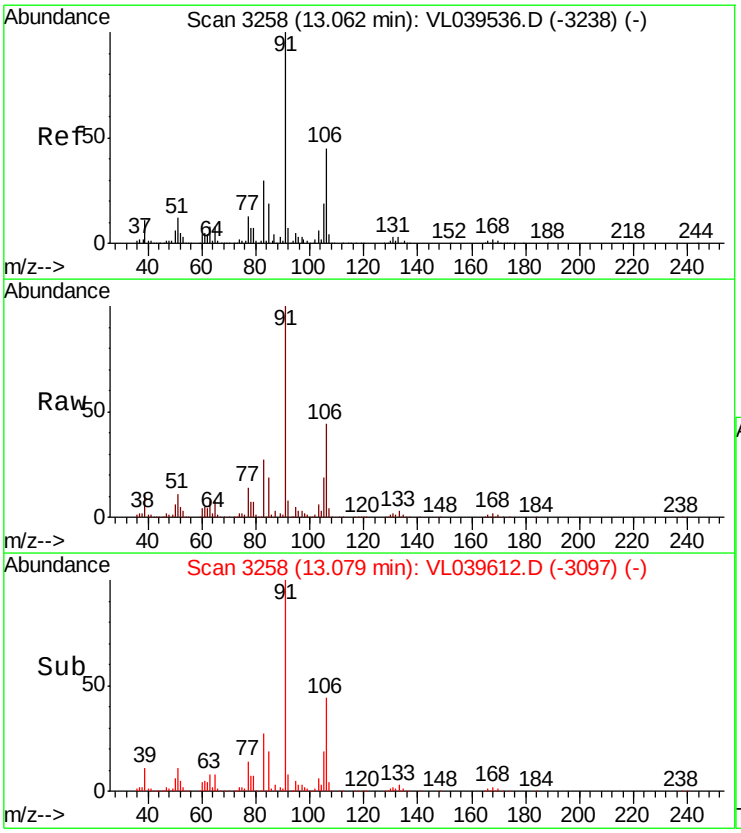
#59
m/p-Xylene
Concen: 12.195 ppbv
RT: 12.39
Delta R.T
Lab File:
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 3202628

Ion	Ratio	Lower	Upper
91	100		
106	79.0	35.4	53.2#

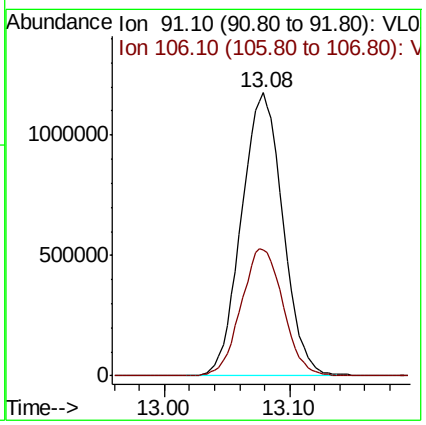


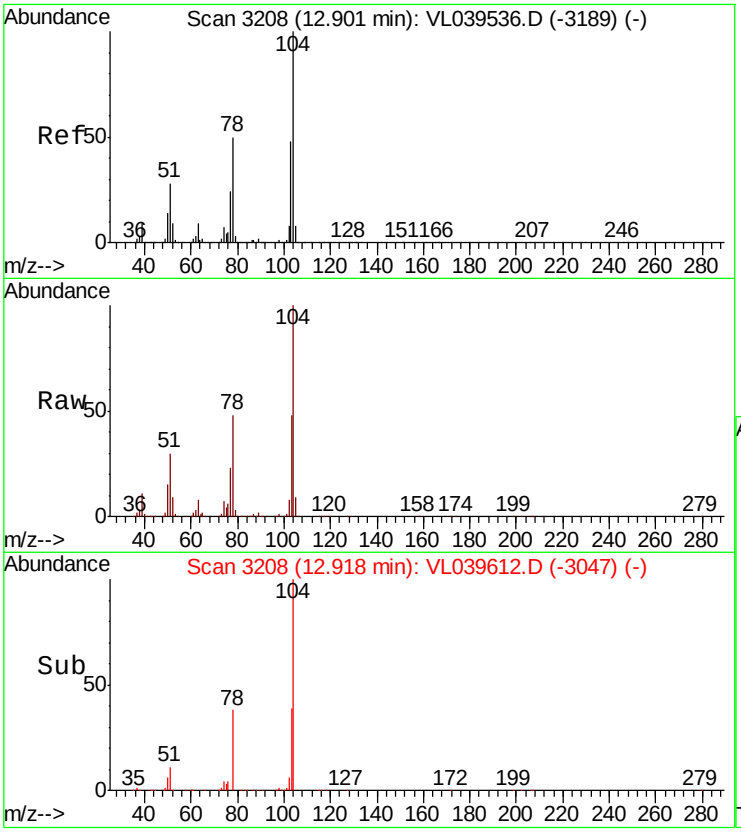


#60
o-Xylene
Concen: 10.679 ppbv
RT: 13.08 min Scan# 3258
Delta R.T. 0.02 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion: 91 Resp: 2691918

Ion	Ratio	Lower	Upper
91	100		
106	45.7	22.4	67.3



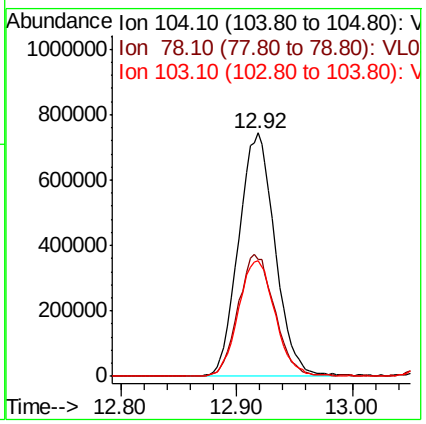


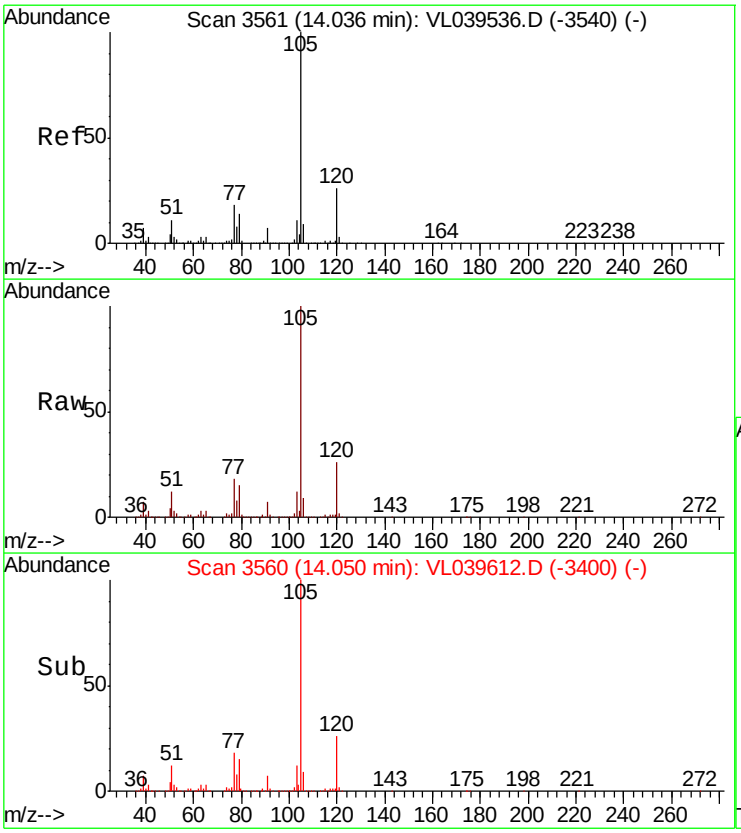
#61
Stvrene
Concen: 12.091 ppbv
RT: 12.92
Delta R.T
Lab File:
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:104 Resp: 1623290

Ion	Ratio	Lower	Upper
104	100		
78	50.4	41.2	61.8
103	48.3	38.7	58.1

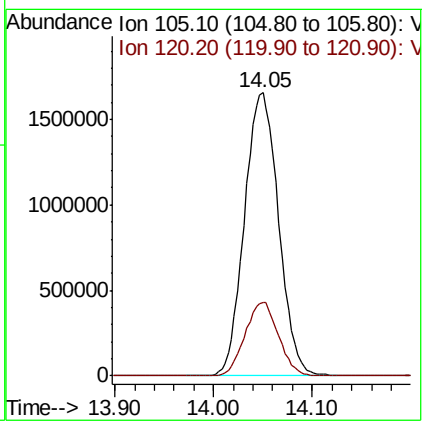


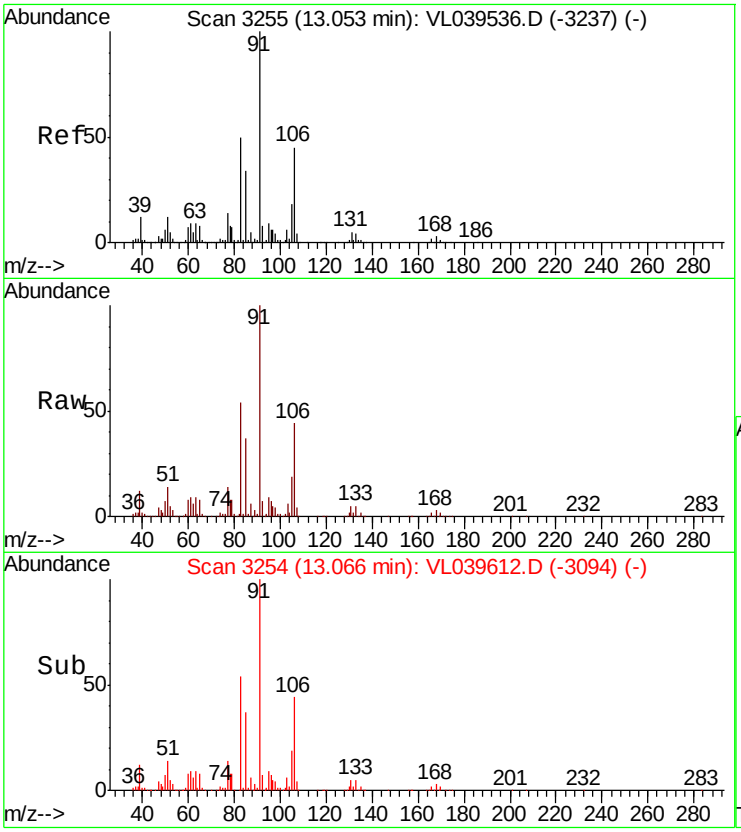


#62
Isopropylbenzene
Concen: 10.363 ppbv
RT: 14.05 min Scan# 3560
Delta R.T. 0.01 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion:105 Resp: 3950305

Ion	Ratio	Lower	Upper
105	100		
120	25.5	20.7	31.1



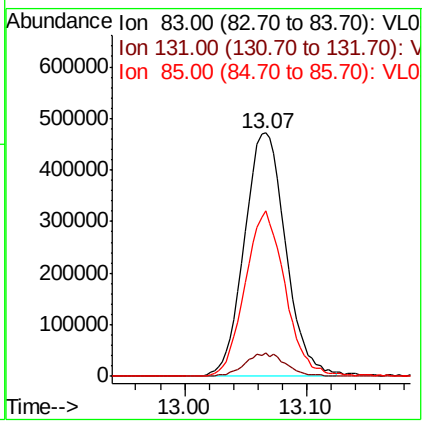


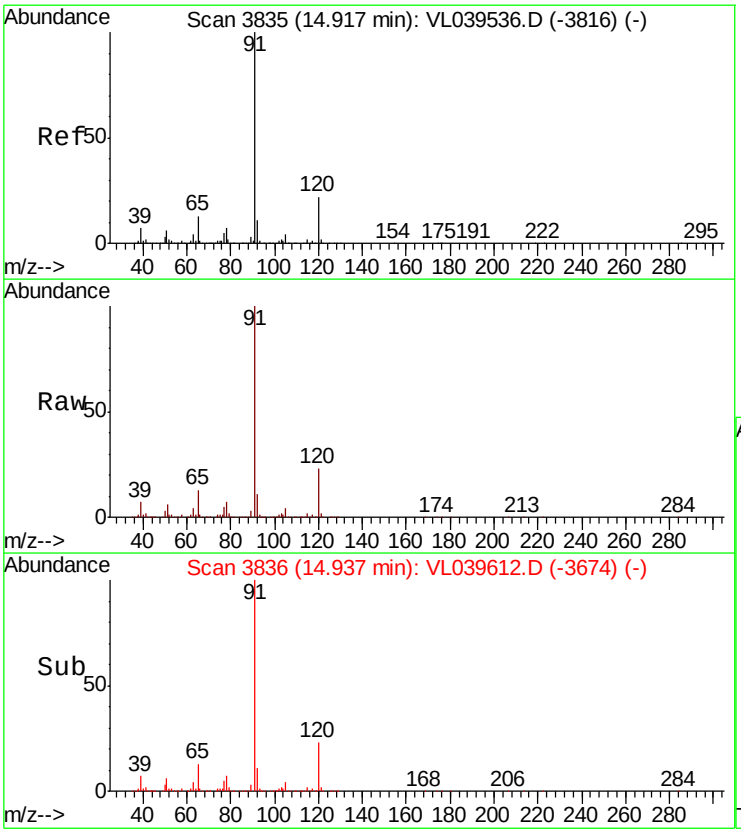
#63
1,1,2,2-Tetrachloroethane
Concen: 9.263 ppbv
RT: 13.07
Delta R.T
Lab File:
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 1105817

Ion	Ratio	Lower	Upper
83	100		
131	9.5	5.3	15.8
85	66.5	33.1	99.5

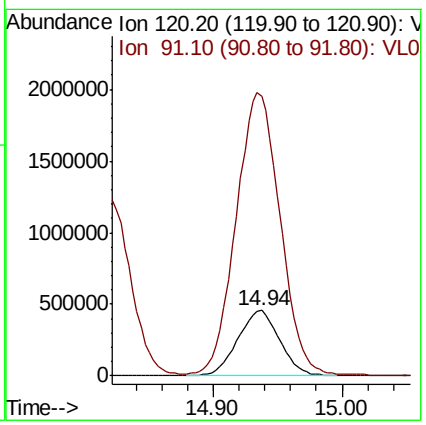


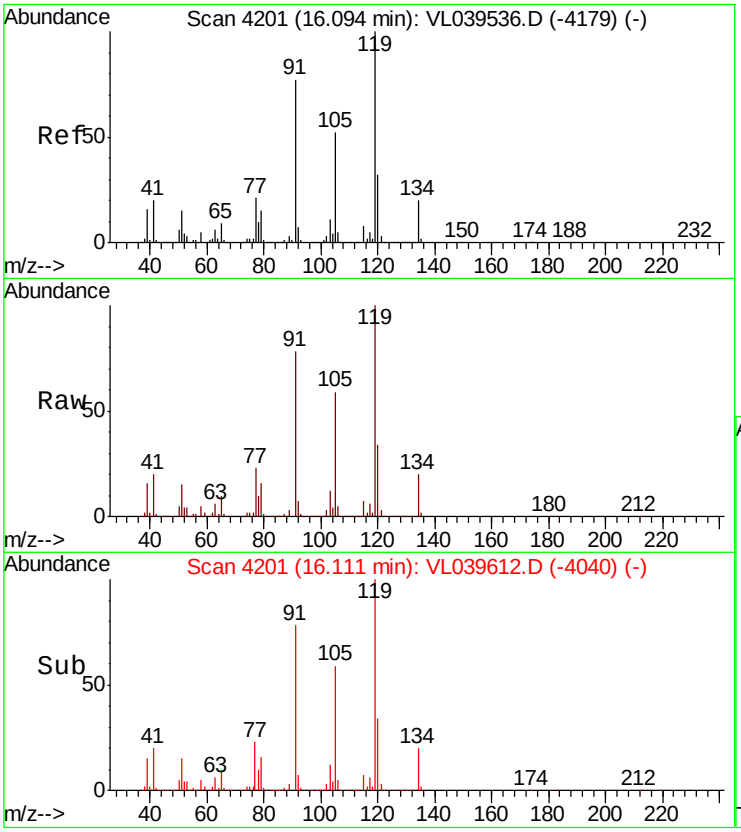


#64
n-propylbenzene
Concen: 10.467 ppbv
RT: 14.94 min Scan# 3836
Delta R.T. 0.02 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion:120 Resp: 1036963

Ion	Ratio	Lower	Upper
120	100		
91	457.2	367.2	550.8



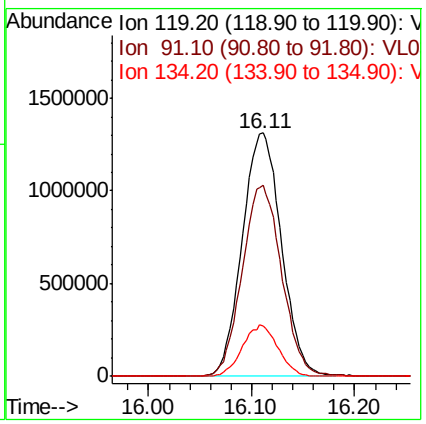


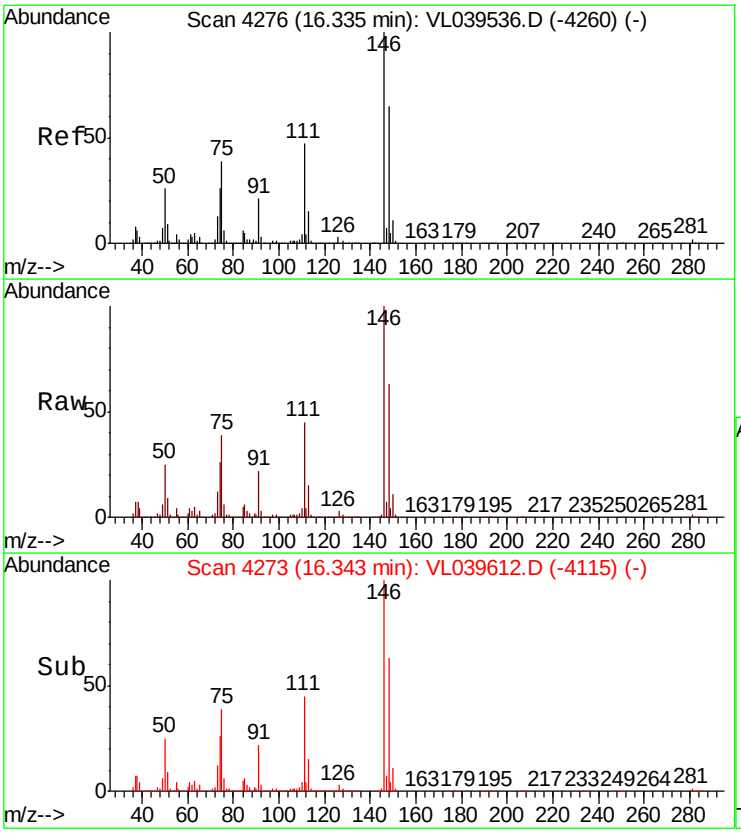
#65
tert-Butylbenzene
Concen: 10.233 ppbv
RT: 16.11
Delta R.T
Lab File:
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 3467329

Ion	Ratio	Lower	Upper
119	100		
91	79.3	63.4	95.2
134	19.4	15.9	23.9

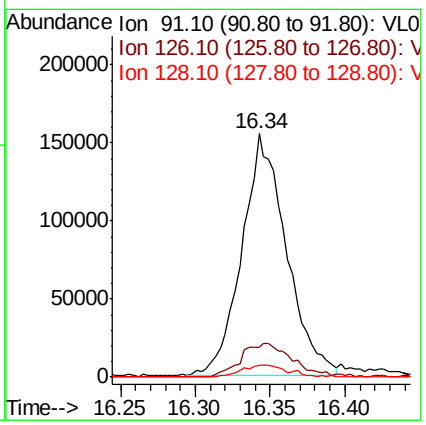


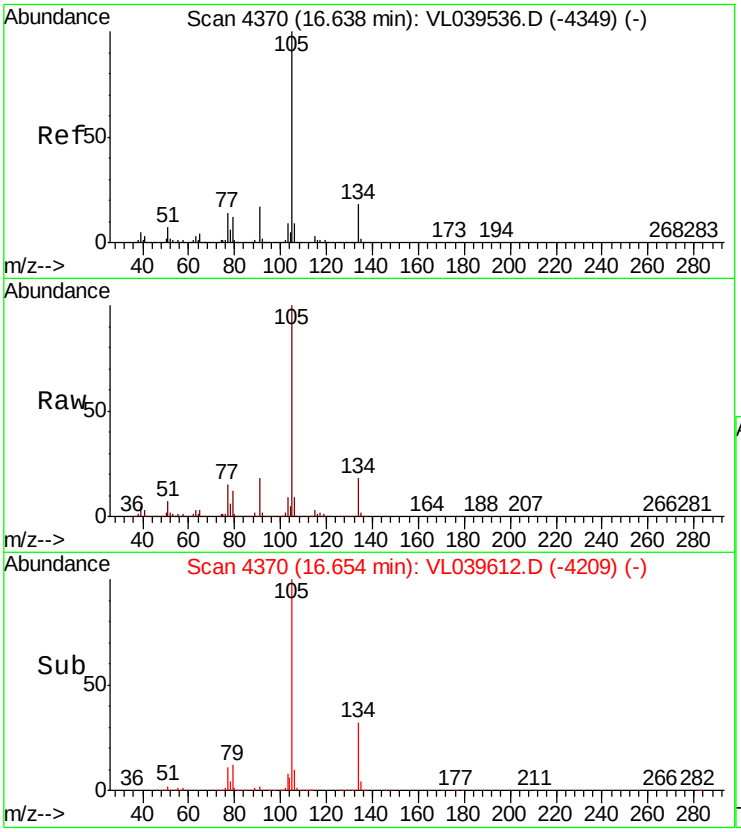


#66
Benzyl Chloride
Concen: 11.585 ppbv
RT: 16.34 min Scan# 4273
Delta R.T. 0.01 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion: 91 Resp: 318853

Ion	Ratio	Lower	Upper
91	100		
126	16.8	13.1	19.7
128	5.4	4.4	6.6



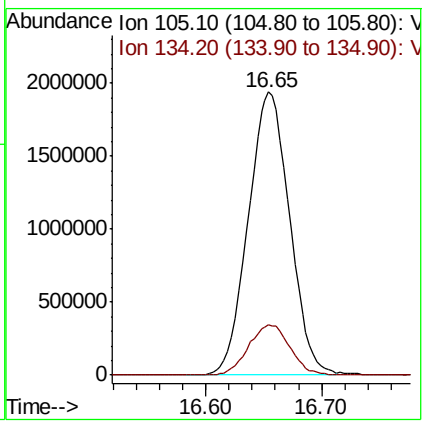


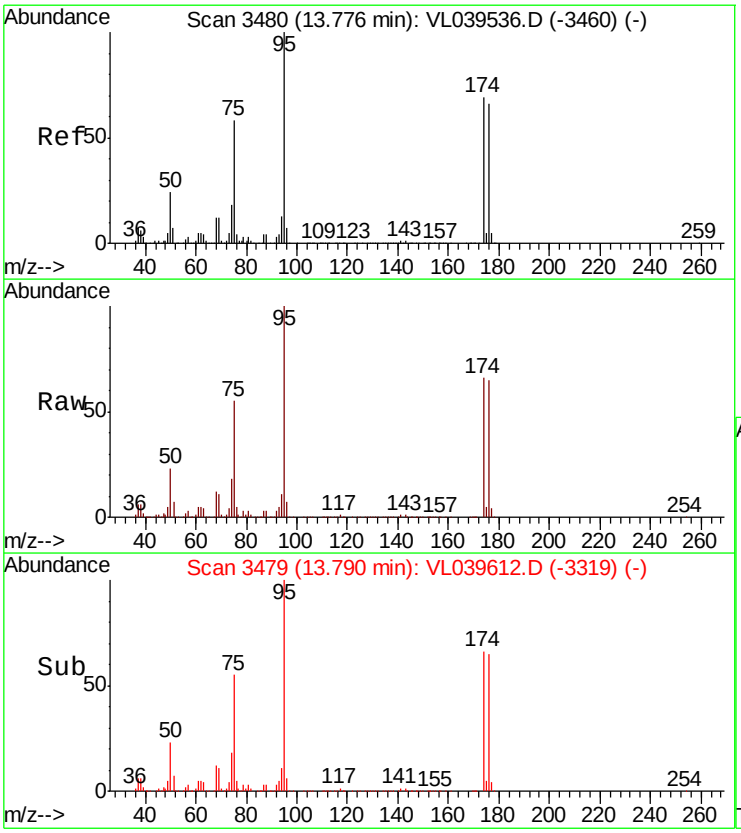
#67
sec-Butylbenzene
Concen: 10.005 ppbv
RT: 16.65
Delta R.T
Lab File:
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:105 Resp: 4801455

Ion	Ratio	Lower	Upper
105	100		
134	17.9	14.8	22.2

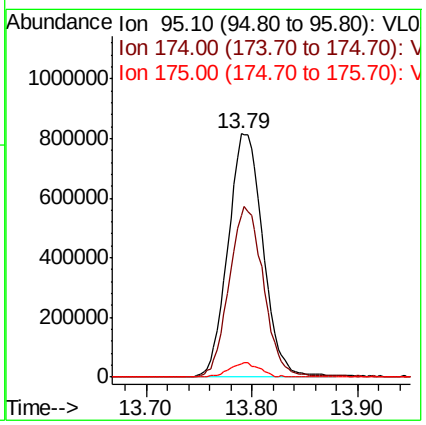


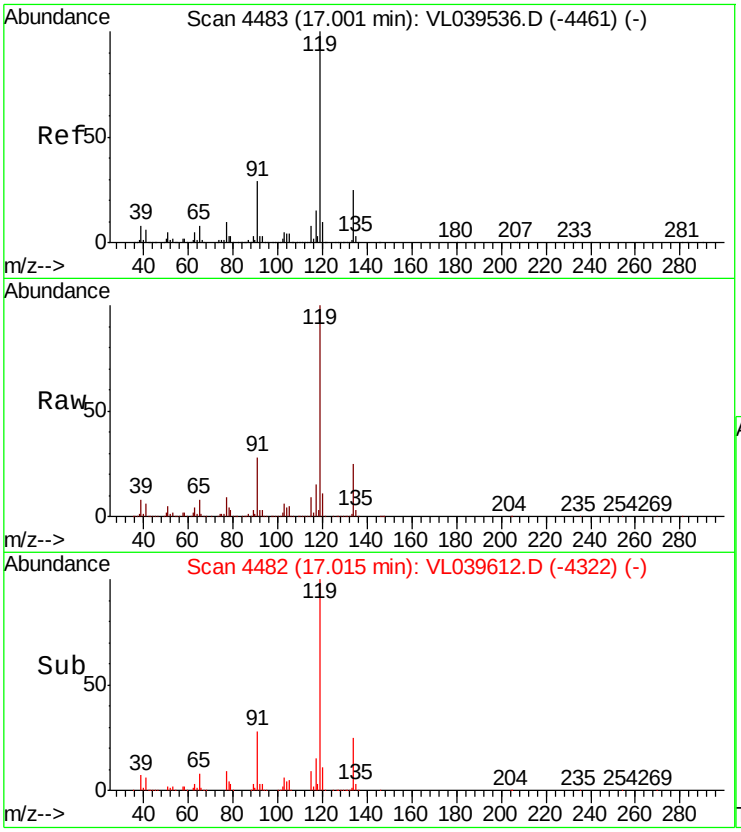


#68
1-Bromo-4-Fluorobenzene
Concen: 9.772 ppbv
RT: 13.79 min Scan# 3479
Delta R.T. 0.01 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion: 95 Resp: 1878158

Ion	Ratio	Lower	Upper
95	100		
174	69.8	55.9	83.9
175	5.3	4.2	6.4



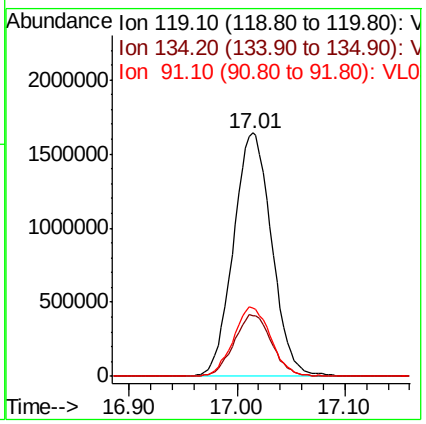


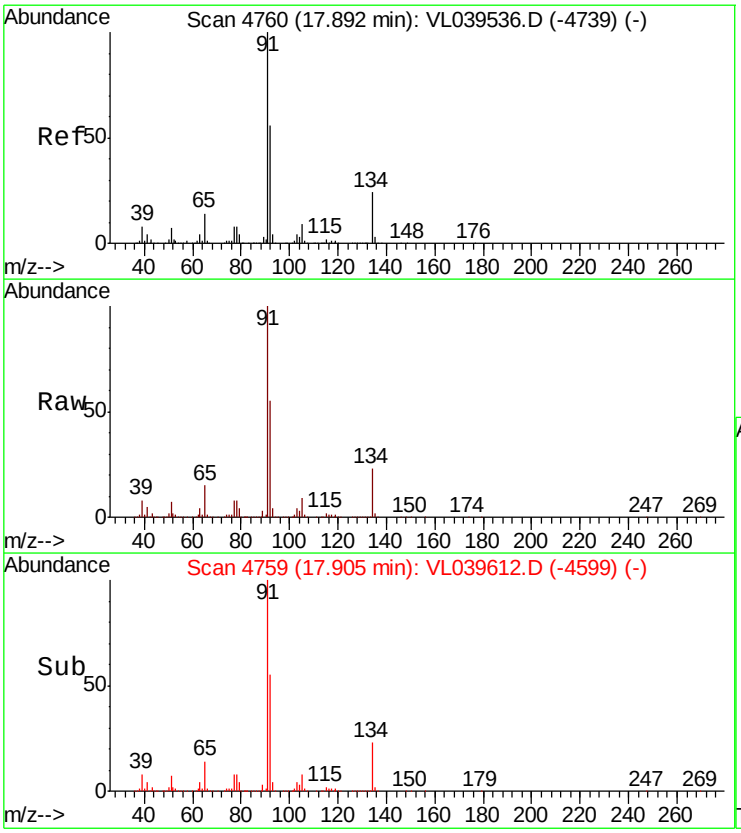
#69
p-Isopropyltoluene
Concen: 10.158 ppbv
RT: 17.01
Delta R.T
Lab File:
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 4046758

Ion	Ratio	Lower	Upper
119	100		
134	25.0	20.3	30.5
91	28.3	22.9	34.3

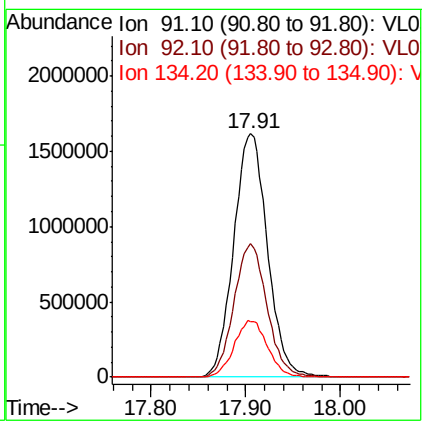


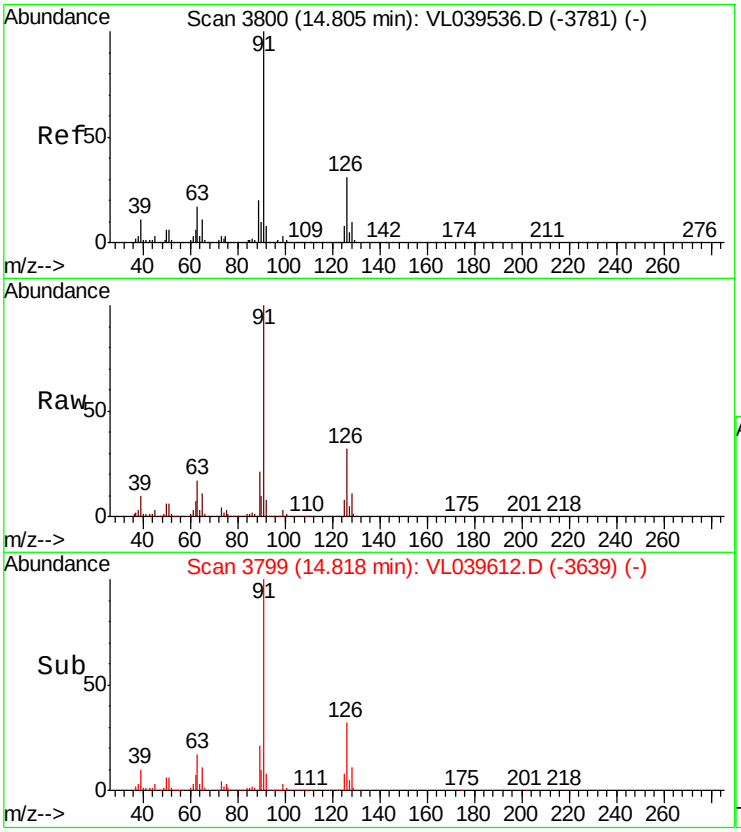


#70
n-Butylbenzene
Concen: 10.114 ppbv
RT: 17.91 min Scan# 4759
Delta R.T. 0.01 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion: 91 Resp: 4008848

Ion	Ratio	Lower	Upper
91	100		
92	53.9	43.4	65.2
134	23.0	18.9	28.3



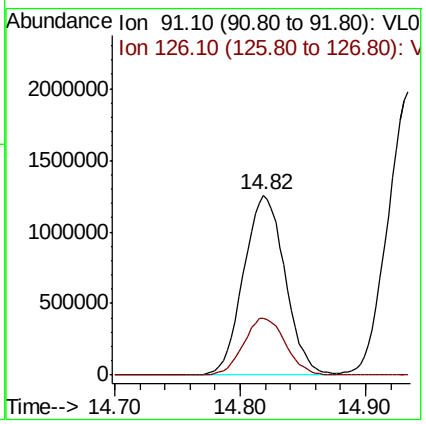


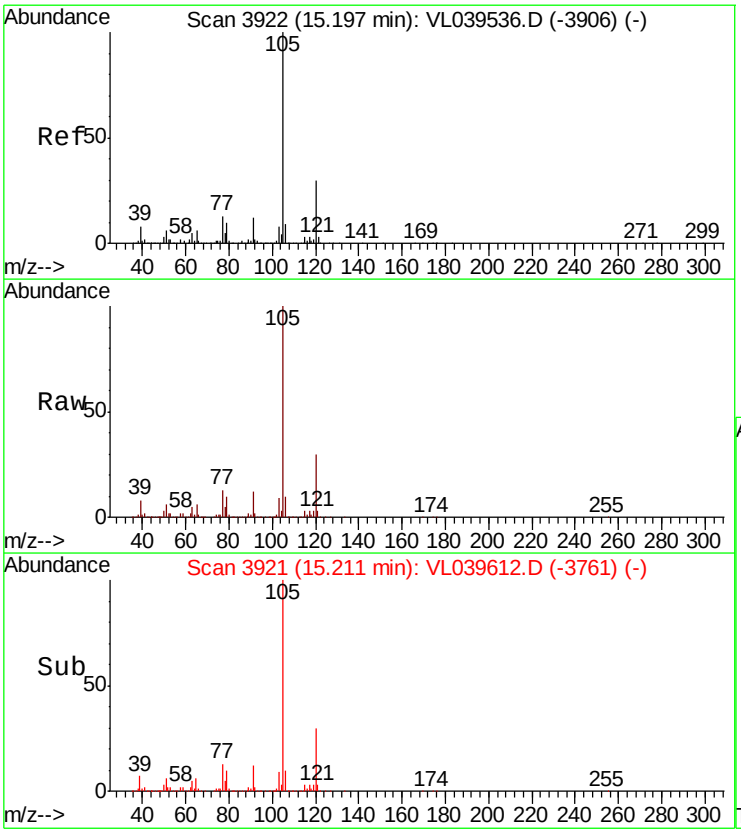
#71
2-Chlorotoluene
Concen: 10.456 ppbv
RT: 14.82
Delta R.T
Lab File:
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 2886752

Ion	Ratio	Lower	Upper
91	100		
126	32.2	13.0	51.8

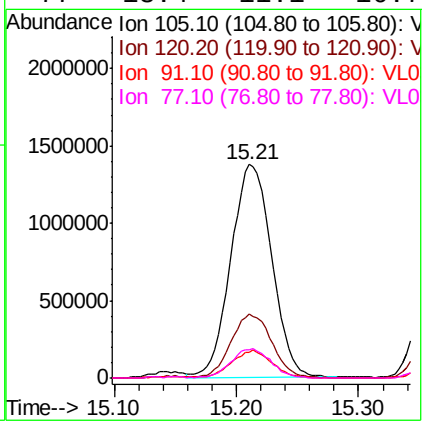


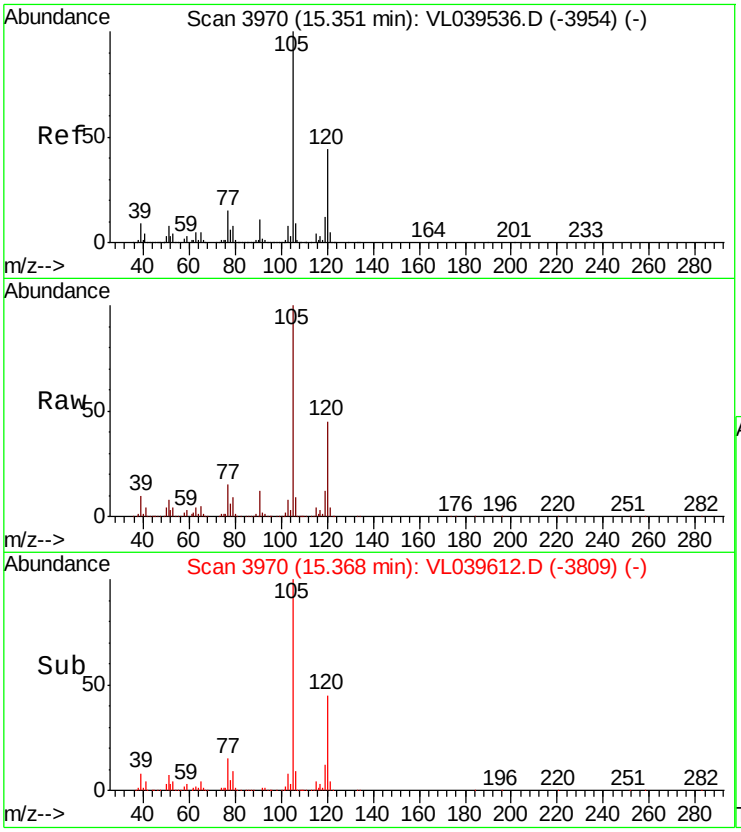


#72
4-Ethyltoluene
Concen: 10.842 ppbv
RT: 15.21 min Scan# 3921
Delta R.T. 0.01 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion:105 Resp: 3195739

Ion	Ratio	Lower	Upper
105	100		
120	30.0	24.2	36.2
91	13.2	10.2	15.4
77	13.4	11.1	16.7



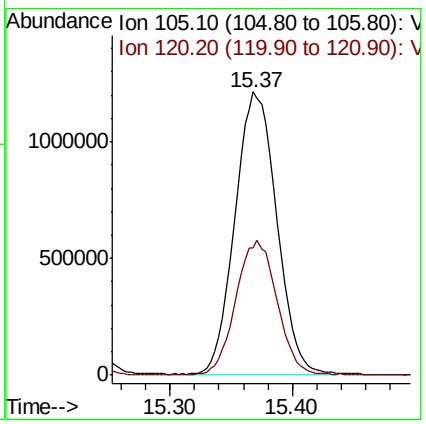


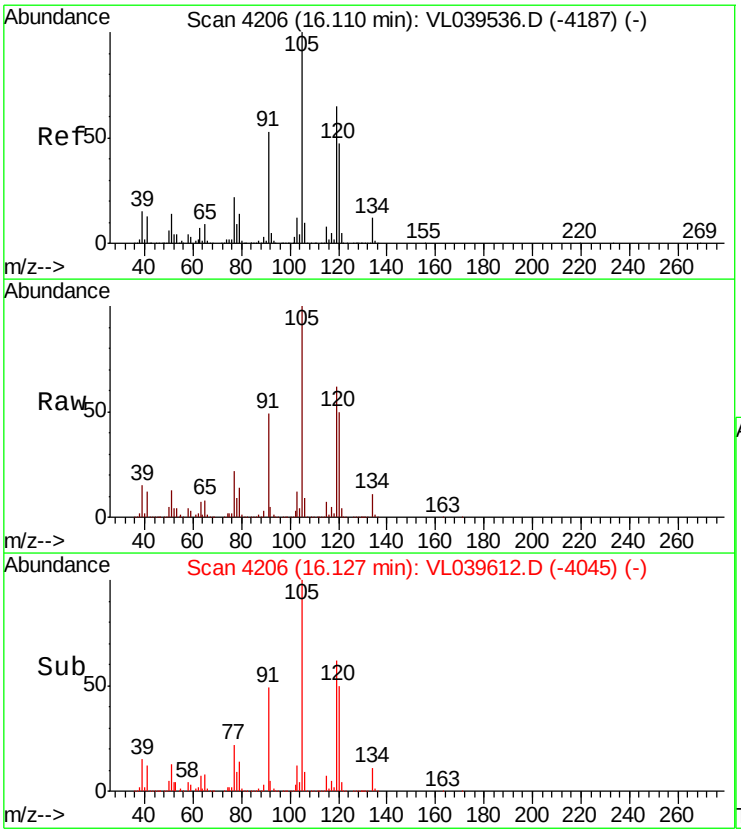
#73
1,3,5-Trimethylbenzene
Concen: 10.581 ppbv
RT: 15.37
Delta R.T
Lab File:
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:105 Resp: 2850076

Ion	Ratio	Lower	Upper
105	100		
120	45.0	38.2	57.4

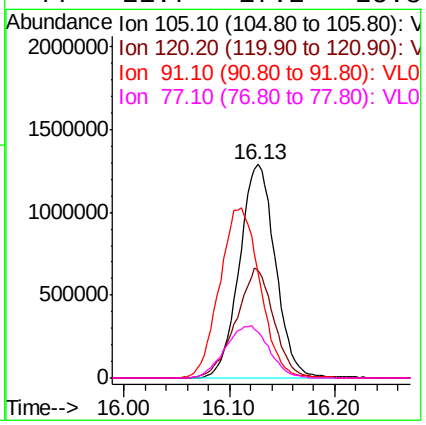


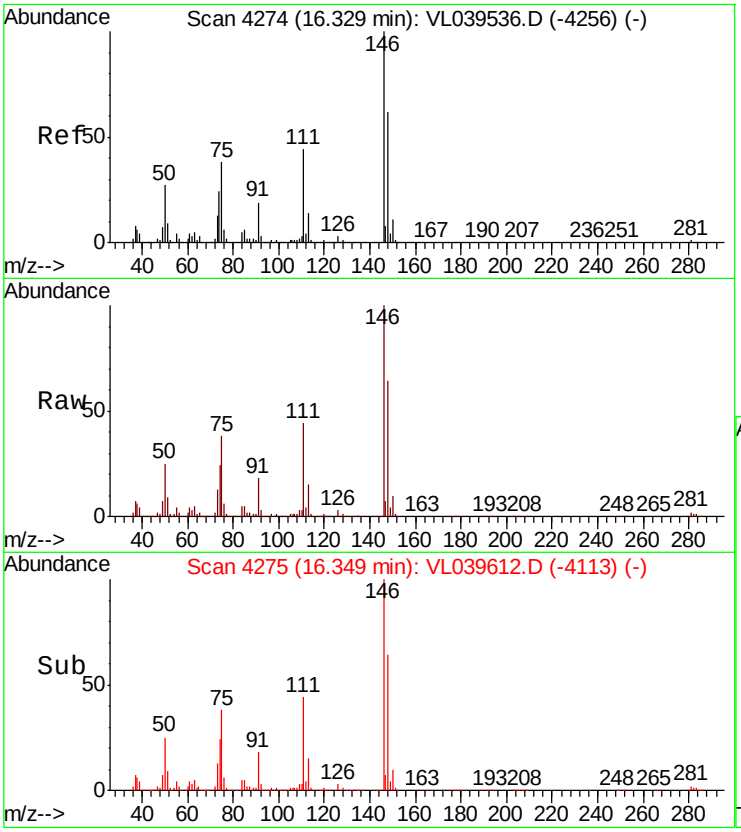


#74
1,2,4-Trimethylbenzene
Concen: 10.164 ppbv
RT: 16.13 min Scan# 4206
Delta R.T. 0.02 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion:105 Resp: 3050472

Ion	Ratio	Lower	Upper
105	100		
120	50.2	39.5	59.3
91	48.9	39.2	58.8
77	21.7	17.2	25.8



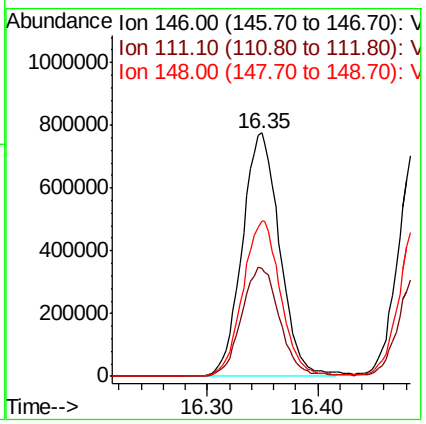


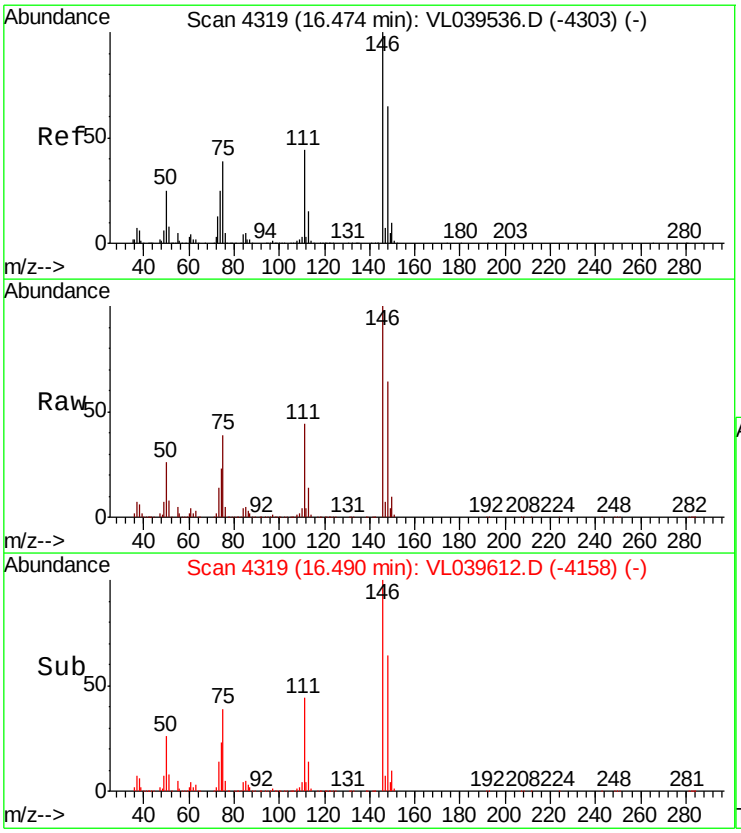
#75
1,3-Dichlorobenzene
Concen: 9.997 ppbv
RT: 16.35
Delta R.T
Lab File:
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:146 Resp: 1824260

Ion	Ratio	Lower	Upper
146	100		
111	45.4	22.9	68.7
148	64.6	32.1	96.5

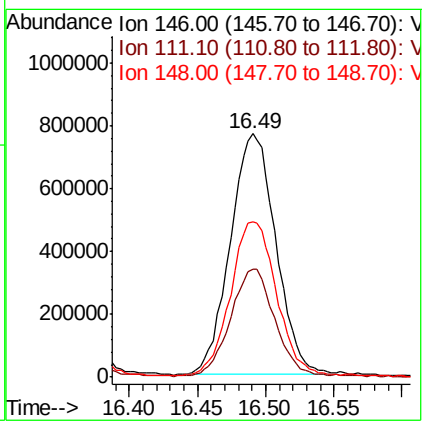


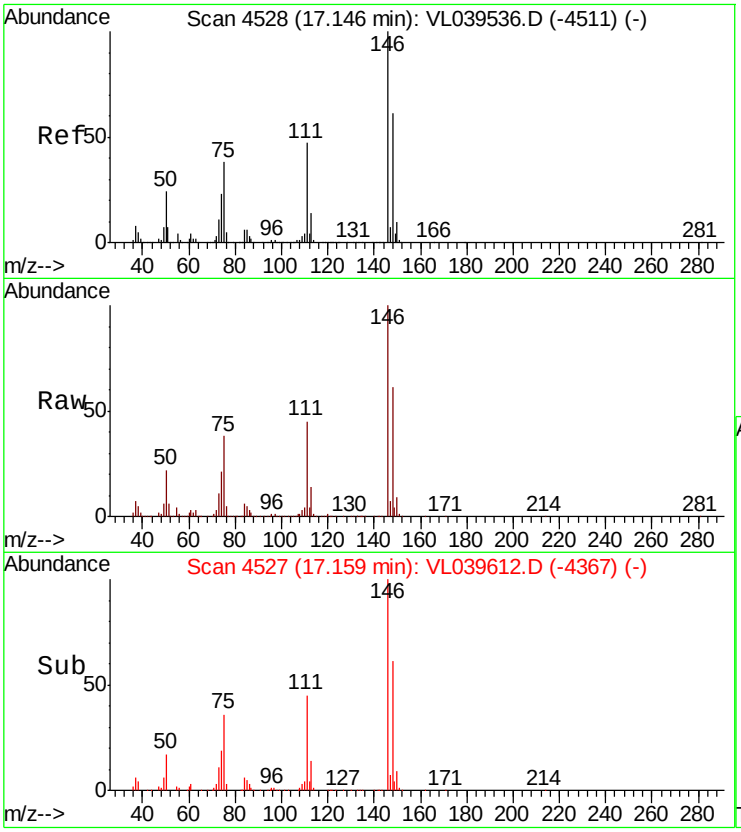


#76
1,4-Dichlorobenzene
Concen: 9.727 ppbv
RT: 16.49 min Scan# 4319
Delta R.T. 0.02 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion:146 Resp: 1768373

Ion	Ratio	Lower	Upper
146	100		
111	44.8	22.9	68.8
148	66.8	33.6	100.8



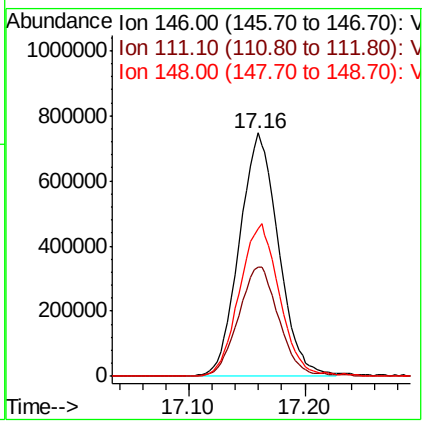


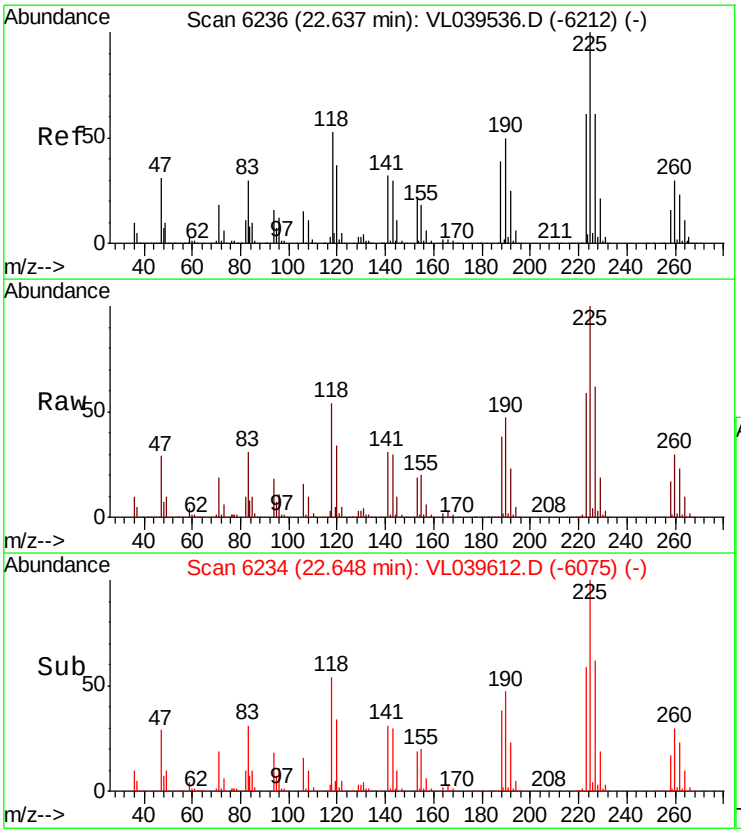
#77
1,2-Dichlorobenzene
Concen: 9.807 ppbv
RT: 17.16
Delta R.T
Lab File:
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:146 Resp: 1752376

Ion	Ratio	Lower	Upper
146	100		
111	46.5	23.8	71.5
148	64.4	32.3	96.8

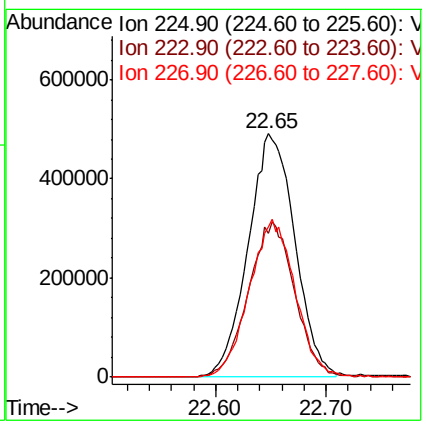


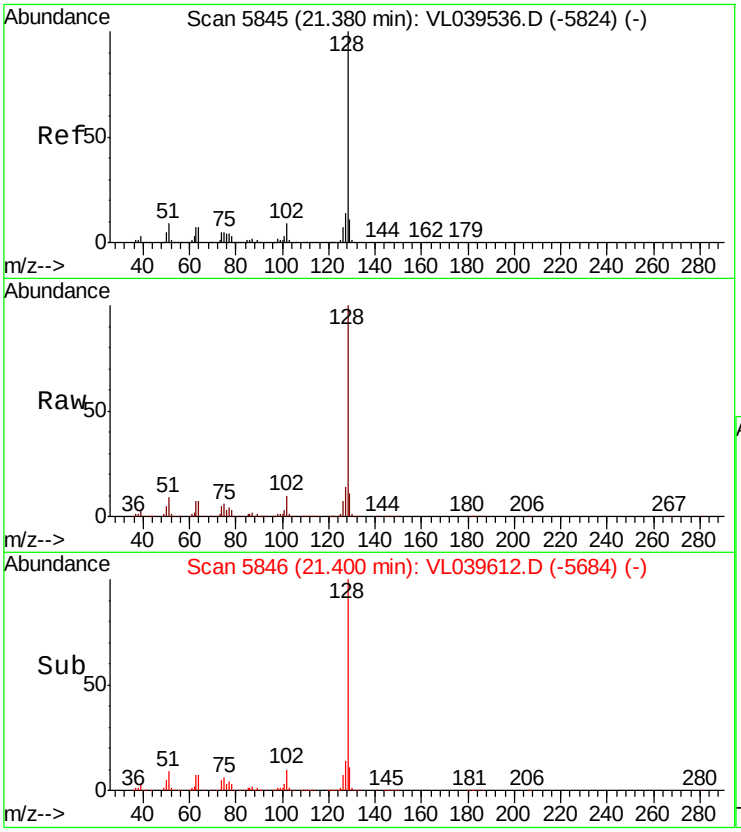


#78
Hexachloro-1,3-Butadiene
Concen: 10.123 ppbv
RT: 22.65 min Scan# 6234
Delta R.T. 0.01 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion:225 Resp: 1440598

Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.8	77.6
227	64.0	51.4	77.2



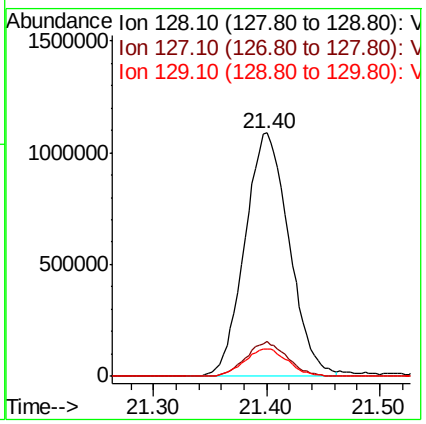


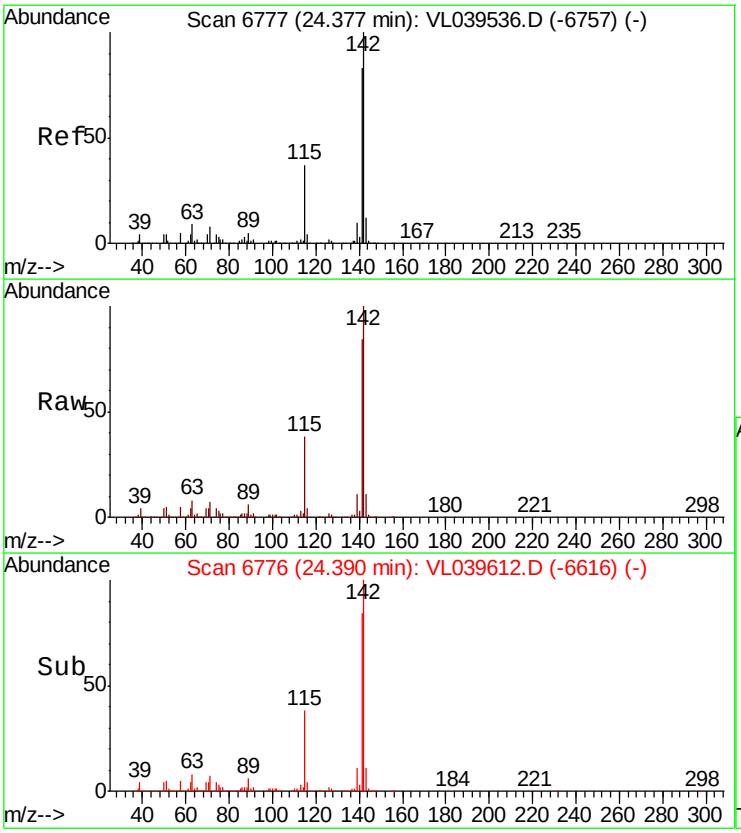
#79
Naphthalene
Concen: 13.836 ppbv
RT: 21.40
Delta R.T
Lab File:
Acq: 31 Aug 2022 17:45

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:128 Resp: 2957268

Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.6	15.8
129	11.2	8.8	13.2

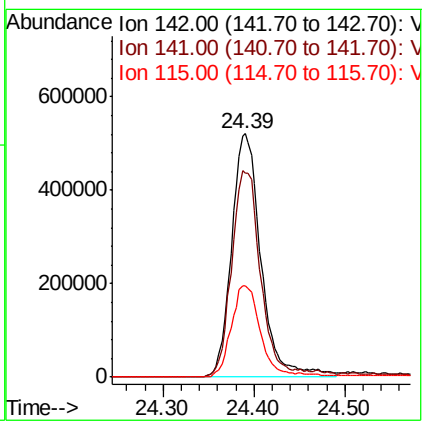


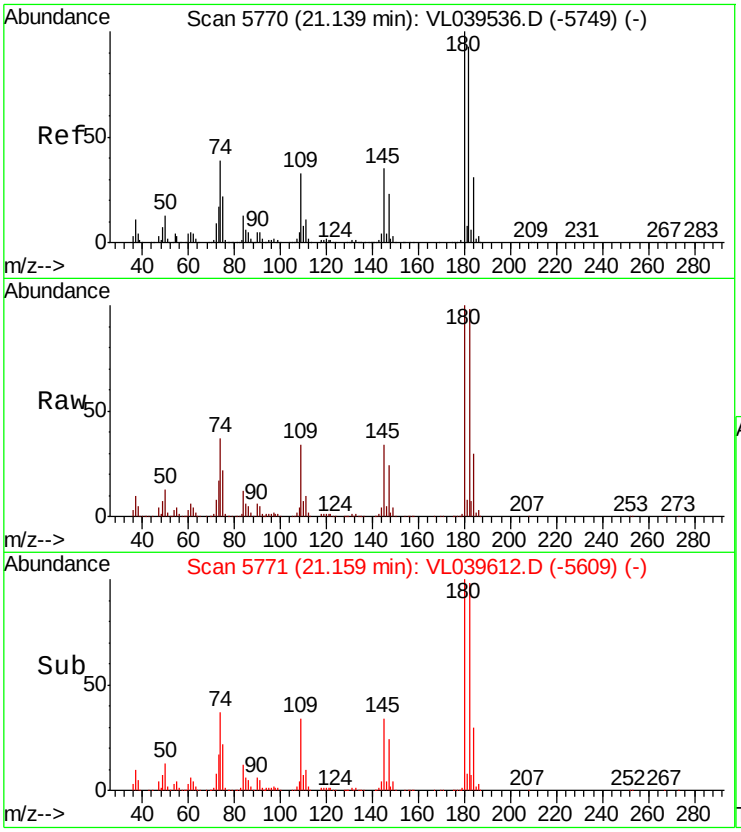


#80
Naphthalene,2-methyl-
Concen: 13.497 ppbv
RT: 24.39 min Scan# 6776
Delta R.T. 0.01 min
Lab File: VL039612.D
Acq: 31 Aug 2022 17:45

Tgt Ion:142 Resp: 1170802

Ion	Ratio	Lower	Upper
142	100		
141	88.1	68.9	103.3
115	38.2	30.0	45.0





#81
1,2,4-Trichlorobenzene
Concen: 5.600 ppbv
RT: 21.16
Delta R.T
Lab File:
Acq: 31 Aug 2022 17:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:180 Resp: 799341

Ion	Ratio	Lower	Upper
180	100		
182	201.3	77.1	115.7#
184	63.2	24.3	36.5#