Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032122\
Data File : VL038655.D
Acq On : 21 Mar 2022 17:27
Operator : SY/AP
Sample : VSTDICV010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : ICVVL032122

Quant Time: Mar 31 05:28:18 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 21 17:09:26 2022
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	981804	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	2645824	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.08	117	2994480	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	1871907	8.15	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 81.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	1083992	8.21	ppbv		100
3) Chlorodifluoromethane	2.99	51	1004569	9.69	ppbv		99
4) Chloromethane	3.14	50	550094	9.66	ppbv		96
5) Vinyl Chloride	3.26	62	543765	9.40	ppbv		96
6) Bromomethane	3.48	94	291445	9.45	ppbv		98
7) Chloroethane	3.56	64	184934	9.66	ppbv		98
8) Dichlorotetrafluoroethane	3.19	85	1232933	9.36	ppbv		97
9) Propene	3.02	41	509486	10.18	ppbv		99
10) Heptane	8.12	43	1230626	10.28	ppbv		100
11) Trichlorofluoromethane	3.95	101	1083612	9.30	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.49	101	801516	8.94	ppbv		96
13) Ethanol	3.61	45	39727	7.19	ppbv		92
14) Bromoethene	3.74	108	399523	10.03	ppbv		97
15) Acetone	3.85	43	766310	9.05	ppbv		100
16) 1,3-Butadiene	3.33	39	472488	9.83	ppbv		99
17) tert-Butyl alcohol	4.29	59	748806	10.12	ppbv		100
18) 1,1-Dichloroethene	4.29	96	368938	9.16	ppbv		99
19) Isopropyl Alcohol	3.96	45	453962	9.66	ppbv	#	97
20) Methylene Chloride	4.35	84	304783	8.54	ppbv		95
21) Allyl Chloride	4.41	41	574670	9.43	ppbv		100
22) trans-1,2-Dichloroethene	4.89	96	400930	9.60	ppbv		97
23) Vinyl Acetate	5.07	43	831986	10.14	ppbv		99
24) 1,1-Dichloroethane	5.01	63	721365	8.93	ppbv		99
25) Ethyl Acetate	5.67	43	2129785	9.99	ppbv		100
26) Hexane	5.69	57	948078	9.93	ppbv		98
27) Carbon Disulfide	4.55	76	929343	9.92	ppbv		100
28) Methyl tert-Butyl Ether	5.03	73	669808	9.42	ppbv		100
29) Chloroform	5.75	83	1463400	9.57	ppbv		100
30) Cyclohexane	7.13	84	819821	9.88	ppbv		99
31) cis-1,2-Dichloroethene	5.55	61	915033	10.19	ppbv		100
32) 1,1,1-Trichloroethane	6.51	97	1414177	9.59	ppbv		100
34) 2-Butanone	5.24	43	1268928	12.12	ppbv		98
35) Carbon Tetrachloride	7.02	117	1471162	9.58	ppbv		99
36) Benzene	6.89	78	2014440	9.86	ppbv		99
37) 1,2-Dichloroethane	6.30	62	999572	9.62	ppbv		99
38) Trichloroethene	7.83	130	855048	10.00	ppbv		99
39) 1,2-Dichloropropane	7.61	63	775044	9.71	ppbv		98
40) 1,4-Dioxane	7.83	88	272476	9.83	ppbv		96
41) Tetrahydrofuran	6.05	42	809000	10.38	ppbv		99
42) Bromodichloromethane	7.79	83	1537263	9.87	ppbv		98
43) Methyl Methacrylate	8.01	69	804648	10.61	ppbv		100

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032122\
Data File : VL038655.D
Acq On : 21 Mar 2022 17:27
Operator : SY/AP
Sample : VSTDICV010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : ICVVL032122

Quant Time: Mar 31 05:28:18 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 21 17:09:26 2022
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	3265907	9.53	ppbv		100
45) t-1,3-Dichloropropene	9.27	75	902564	11.71	ppbv		100
46) cis-1,3-Dichloropropene	8.70	75	1140931	10.95	ppbv		99
47) 1,1,2-Trichloroethane	9.47	97	805000	9.45	ppbv		99
48) Dibromochloromethane	10.30	129	1354622	10.15	ppbv		100
49) Bromoform	13.04	173	1091997	10.04	ppbv		99
50) 4-Methyl-2-Pentanone	8.74	43	1977524	10.16	ppbv		100
51) 2-Hexanone	10.13	43	1500042	10.73	ppbv		98
52) Tetrachloroethene	11.22	164	716392	9.59	ppbv		99
53) Toluene	9.80	91	2252997	10.27	ppbv		100
54) 1,2-Dibromoethane	10.61	107	1163270	10.00	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.12	131	928228	7.48	ppbv	#	56
57) Chlorobenzene	12.14	112	1613066	7.47	ppbv		100
58) Ethyl Benzene	12.71	91	2857429	8.16	ppbv		100
59) m/p-Xylene	12.99	91	2512775	8.21	ppbv	#	38
60) o-Xylene	13.69	91	2220807	7.64	ppbv		99
61) Styrene	13.52	104	1380327	8.75	ppbv		100
62) Isopropylbenzene	14.66	105	3234068	7.40	ppbv		98
63) 1,1,2,2-Tetrachloroethane	13.67	83	1451687	6.45	ppbv		99
64) n-propylbenzene	15.56	120	873061	7.61	ppbv		97
65) tert-Butylbenzene	16.74	119	2869112	7.30	ppbv		100
66) Benzyl Chloride	16.98	91	673196	9.05	ppbv		99
67) sec-Butylbenzene	17.29	105	4110977	7.32	ppbv		100
69) p-Isopropyltoluene	17.65	119	3423811	7.47	ppbv		100
70) n-Butylbenzene	18.55	91	3588302	7.59	ppbv		100
71) 2-Chlorotoluene	15.45	91	2414583	7.44	ppbv		99
72) 4-Ethyltoluene	15.83	105	2637984	7.69	ppbv		100
73) 1,3,5-Trimethylbenzene	15.99	105	2329579	7.45	ppbv		99
74) 1,2,4-Trimethylbenzene	16.76	105	2510715	7.37	ppbv		99
75) 1,3-Dichlorobenzene	16.99	146	1563579	7.21	ppbv		99
76) 1,4-Dichlorobenzene	17.13	146	1515396	7.02	ppbv		97
77) 1,2-Dichlorobenzene	17.81	146	1541059	7.17	ppbv		99
78) Hexachloro-1,3-Butadiene	23.37	225	1353375	6.81	ppbv		99
79) Naphthalene	22.19	128	2557070	9.82	ppbv		99
80) Naphthalene,2-methyl-	24.96	142	623393	8.93	ppbv		99
81) 1,2,4-Trichlorobenzene	21.91	180	1457522	8.18	ppbv		99

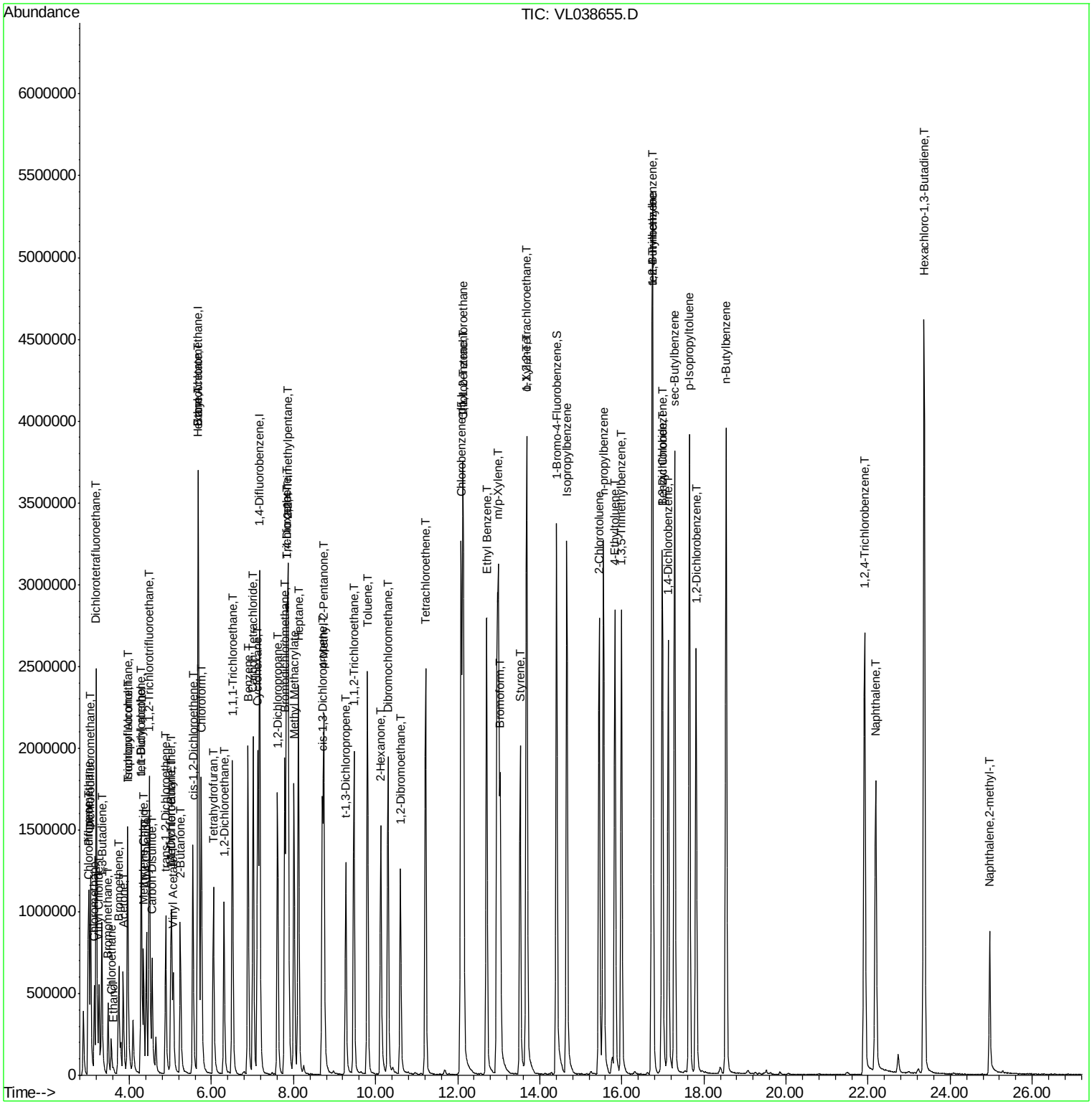
(#) = qualifier out of range (m) = manual integration (+) = signals summed

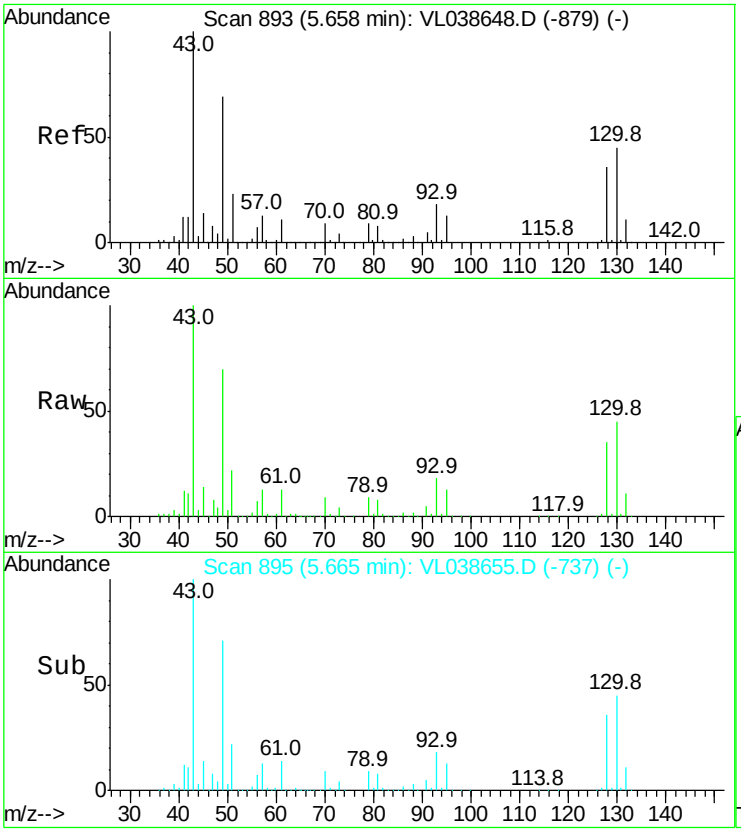
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032122\
Data File : VL038655.D
Acq On : 21 Mar 2022 17:27
Operator : SY/AP
Sample : VSTDICV010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Quant Time: Mar 31 05:28:18 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 21 17:09:26 2022
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration



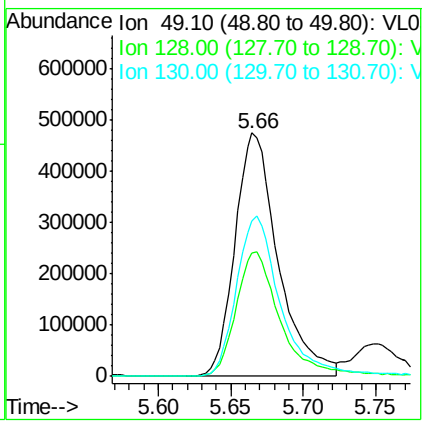


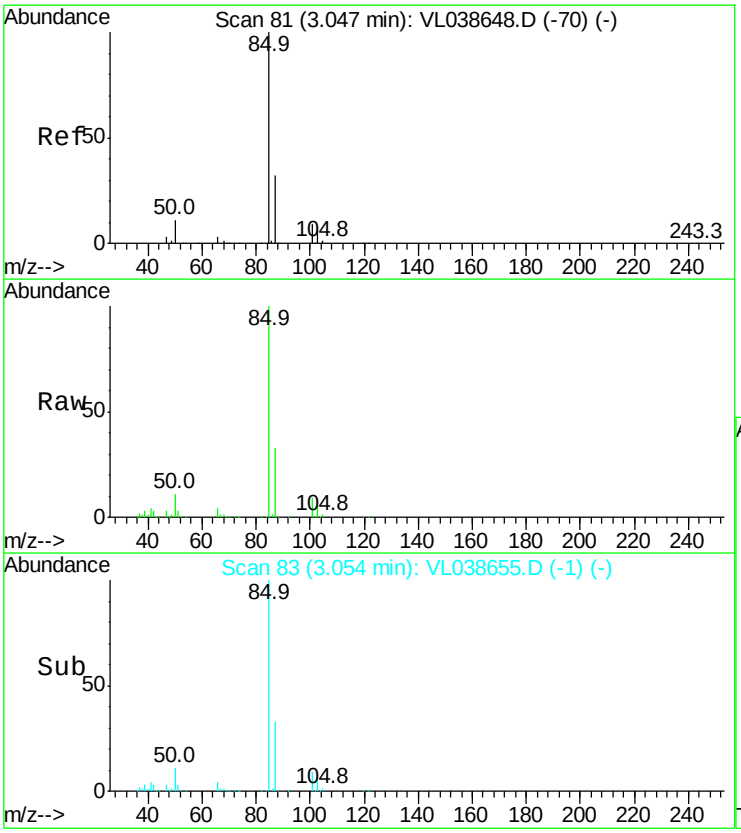
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion: 49 Resp: 981804

Ion	Ratio	Lower	Upper
49	100		
128	53.1	26.2	78.6
130	68.0	33.7	101.1

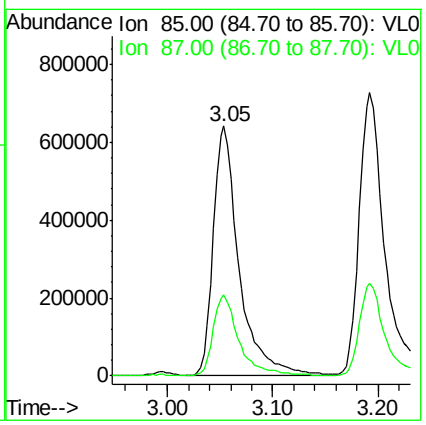


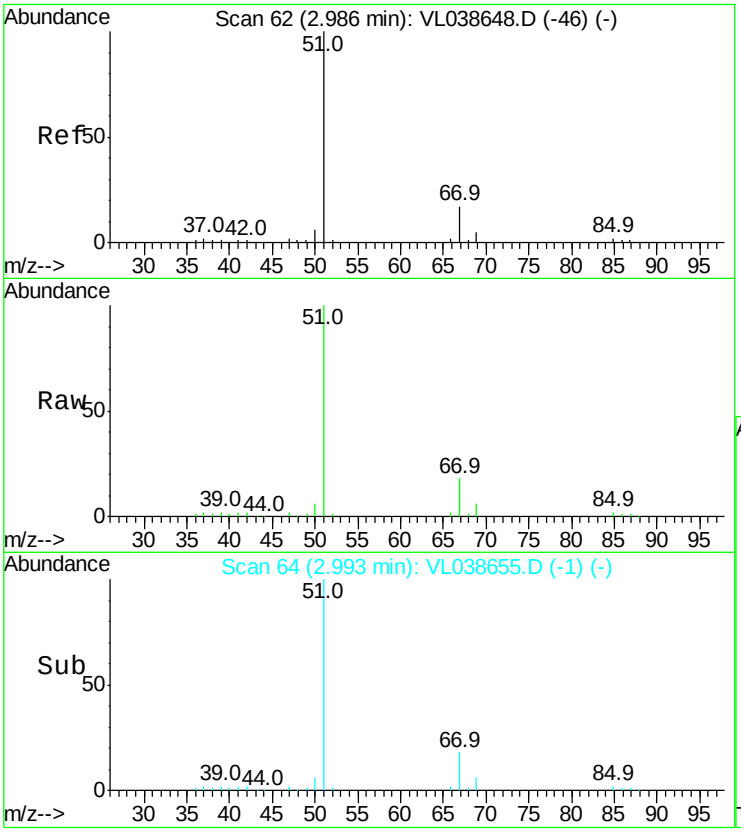


#2
Dichlorodifluoromethane
Concen: 8.21 ppbv
RT: 3.05 min Scan# 83
Delta R.T. 0.01 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion: 85 Resp: 1083992

Ion	Ratio	Lower	Upper
85	100		
87	32.5	26.0	39.0



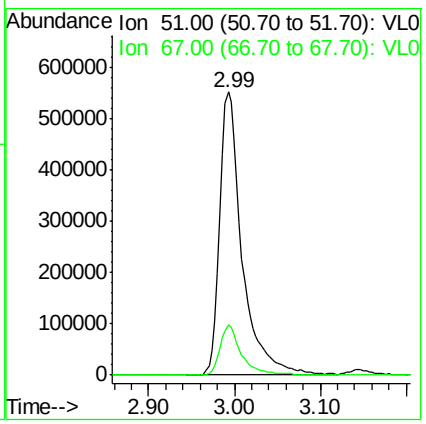


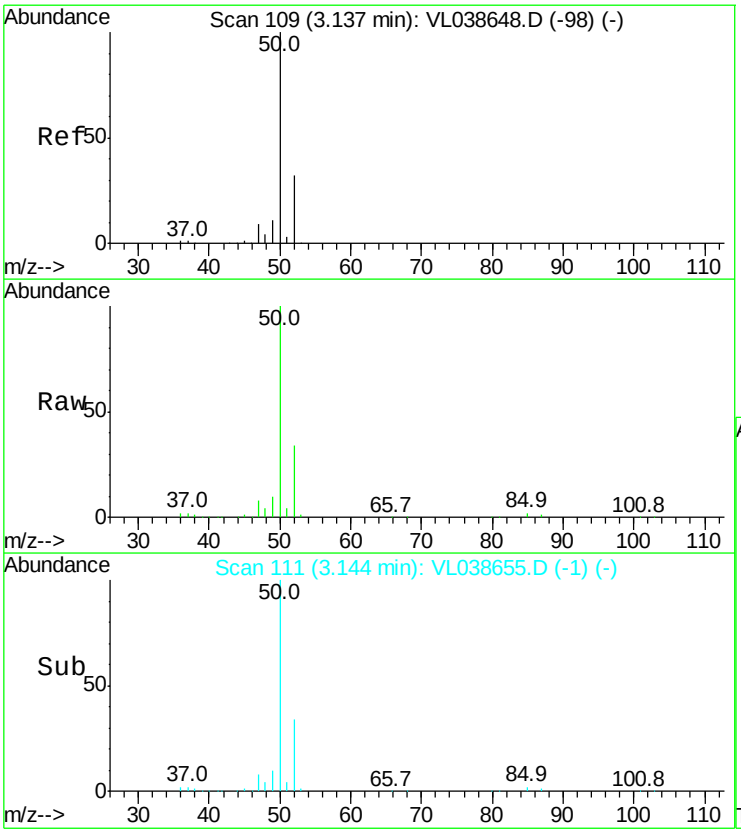
#3
Chlorodifluoromethane
Concen: 9.69 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion: 51 Resp: 1004569

Ion	Ratio	Lower	Upper
51	100		
67	17.0	14.1	21.1

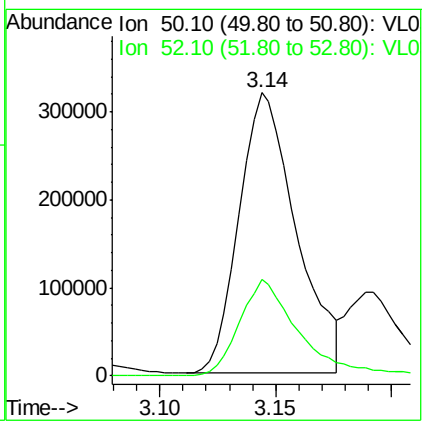


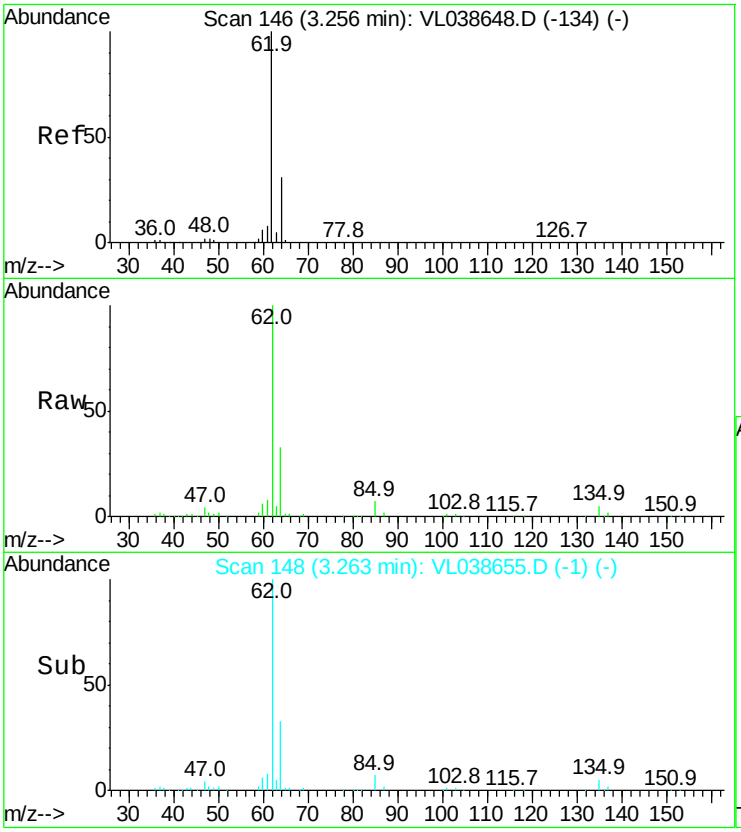


#4
Chloromethane
Concen: 9.66 ppbv
RT: 3.14 min Scan# 111
Delta R.T. 0.01 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion: 50 Resp: 550094

Ion	Ratio	Lower	Upper
50	100		
52	34.2	25.5	38.3



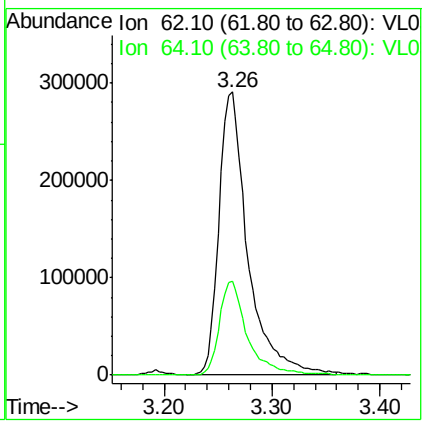


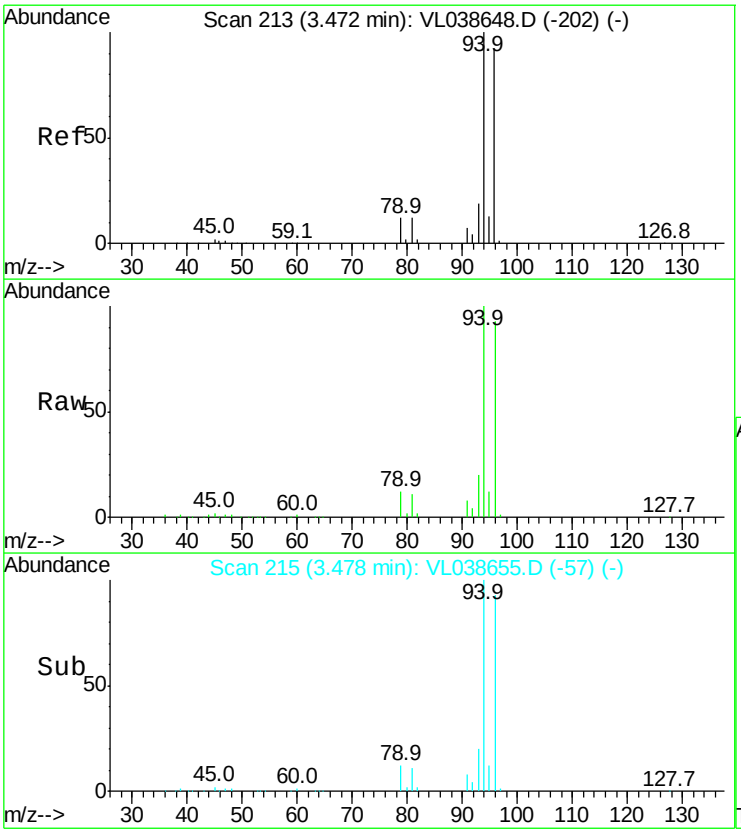
#5
Vinyl Chloride
Concen: 9.40 ppbv
RT: 3.26
Delta R.T
Lab File:
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion: 62 Resp: 543765

Ion	Ratio	Lower	Upper
62	100		
64	33.3	25.0	37.4

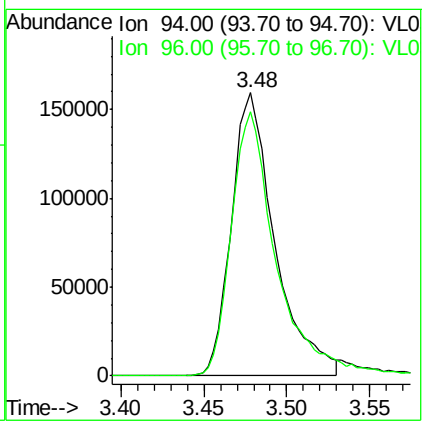


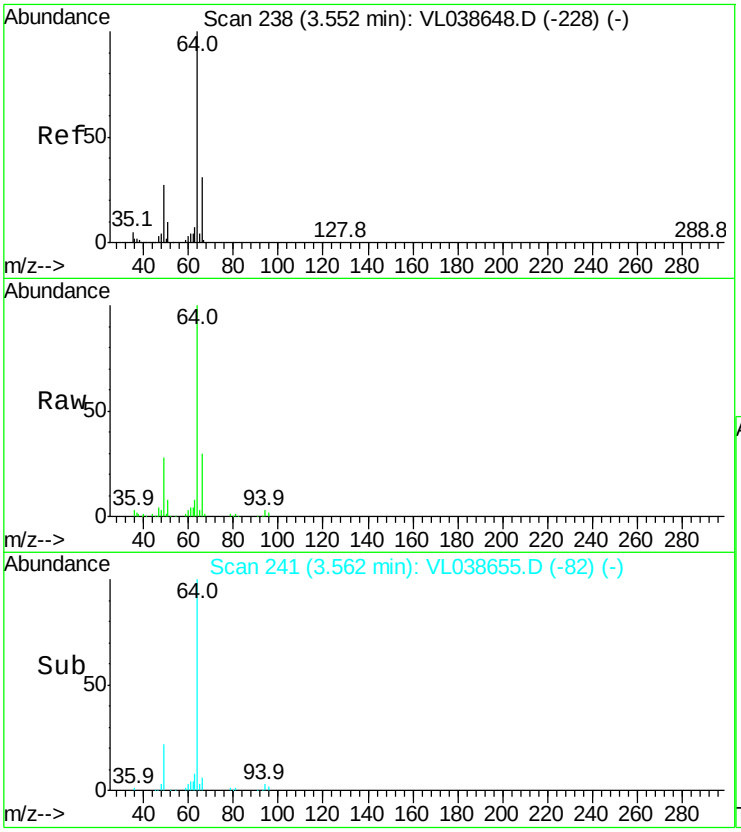


#6
Bromomethane
Concen: 9.45 ppbv
RT: 3.48 min Scan# 215
Delta R.T. 0.01 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion: 94 Resp: 291445

Ion	Ratio	Lower	Upper
94	100		
96	93.3	73.3	109.9



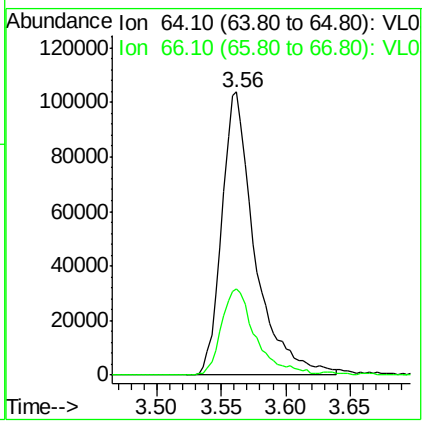


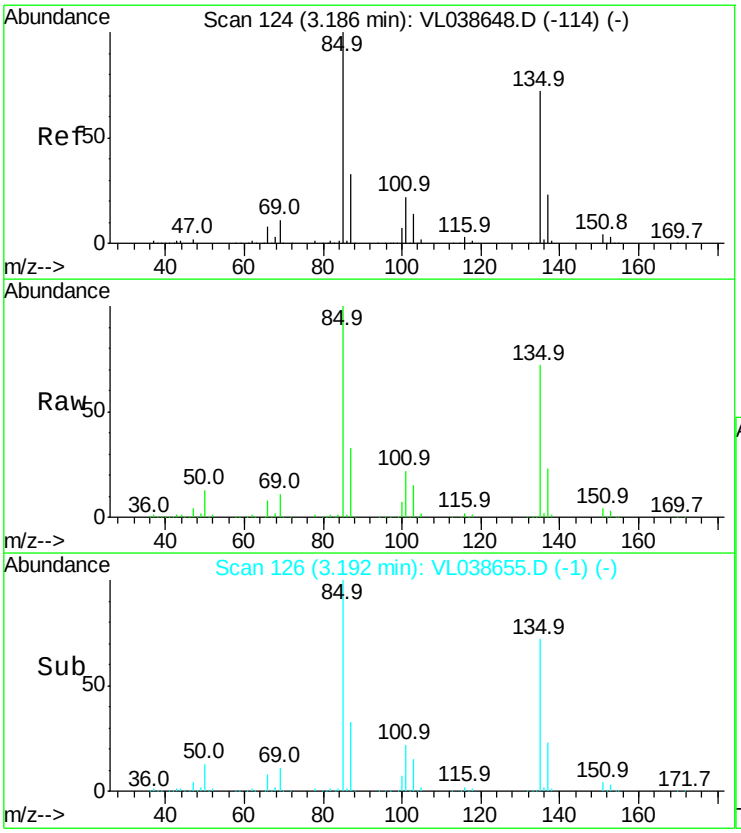
#7
Chloroethane
Concen: 9.66 ppbv
RT: 3.56
Delta R.T
Lab File:
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion: 64 Resp: 184934

Ion	Ratio	Lower	Upper
64	100		
66	30.3	25.0	37.6

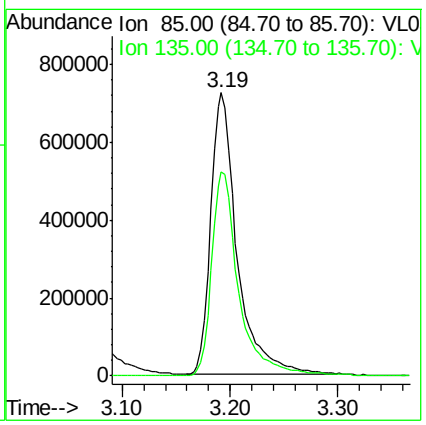


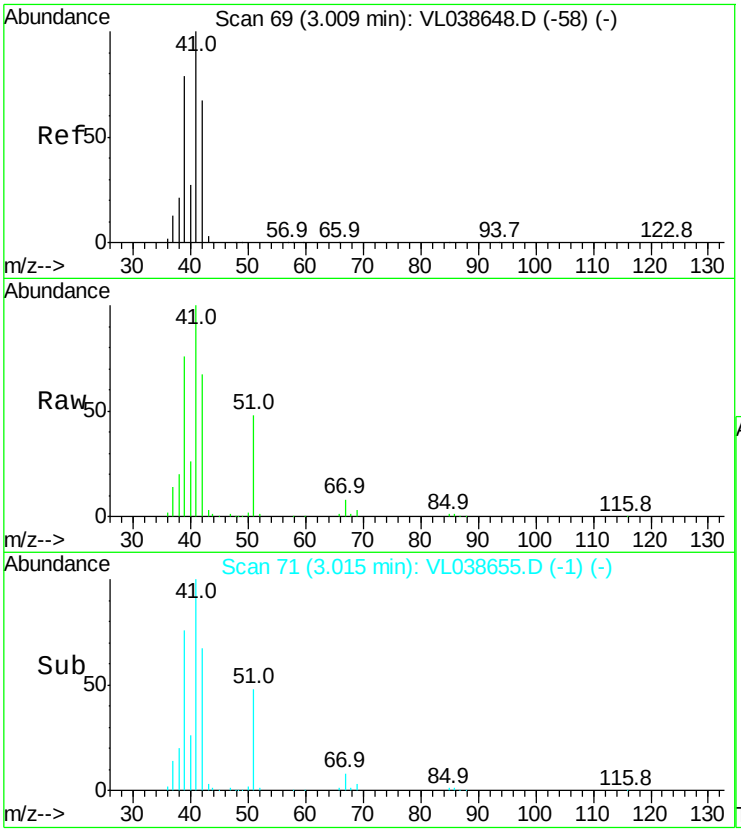


#8
Dichlorotetrafluoroethane
Concen: 9.36 ppbv
RT: 3.19 min Scan# 126
Delta R.T. 0.01 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion: 85 Resp: 1232933

Ion	Ratio	Lower	Upper
85	100		
135	74.6	57.8	86.6



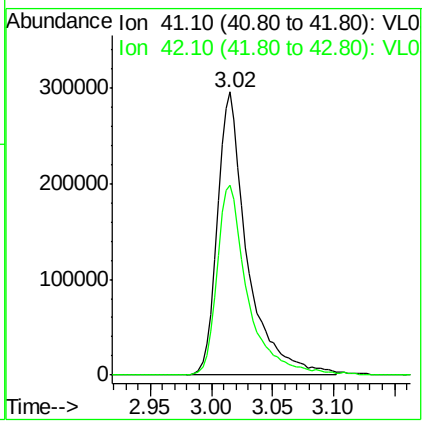


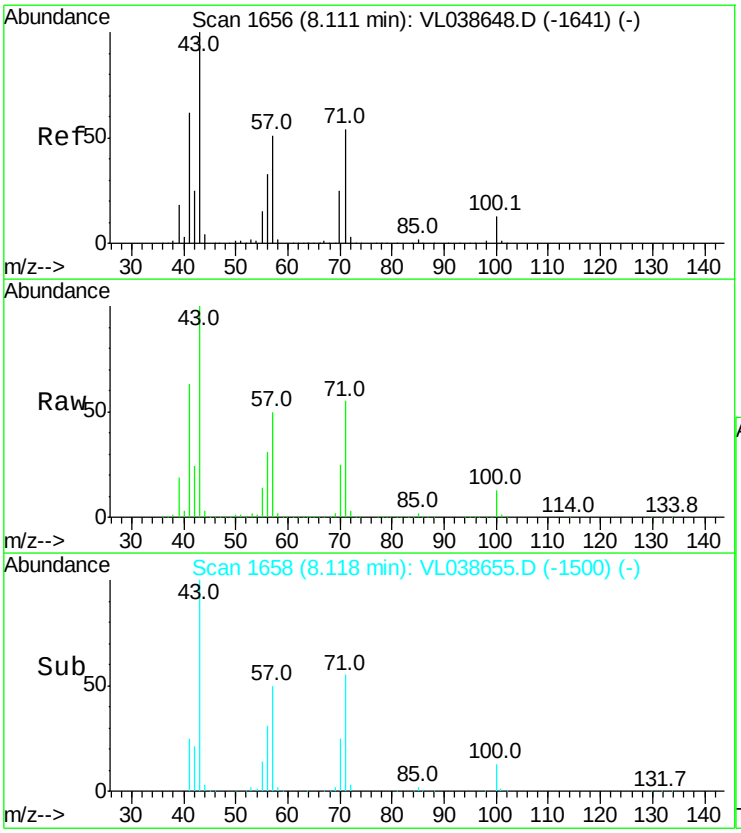
#9
Propene
Concen: 10.18 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion: 41 Resp: 509486

Ion	Ratio	Lower	Upper
41	100		
42	69.5	56.2	84.4

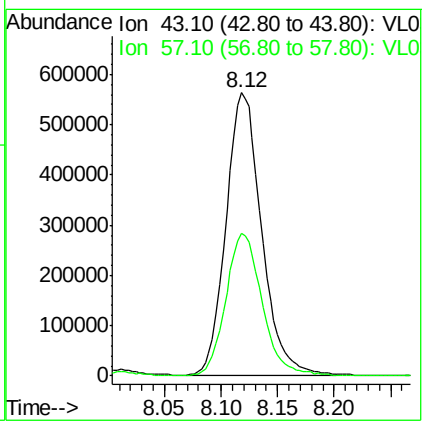


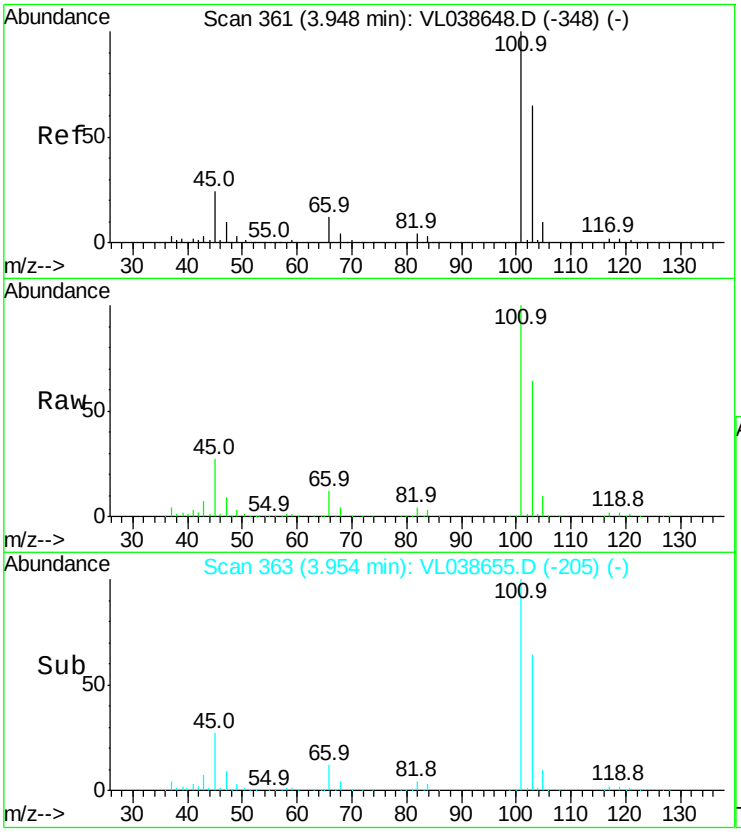


#10
Heptane
Concen: 10.28 ppbv
RT: 8.12 min Scan# 1658
Delta R.T. 0.01 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion: 43 Resp: 1230626

Ion	Ratio	Lower	Upper
43	100		
57	51.9	41.4	62.2



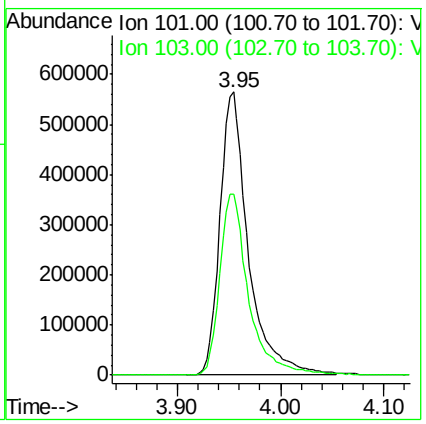


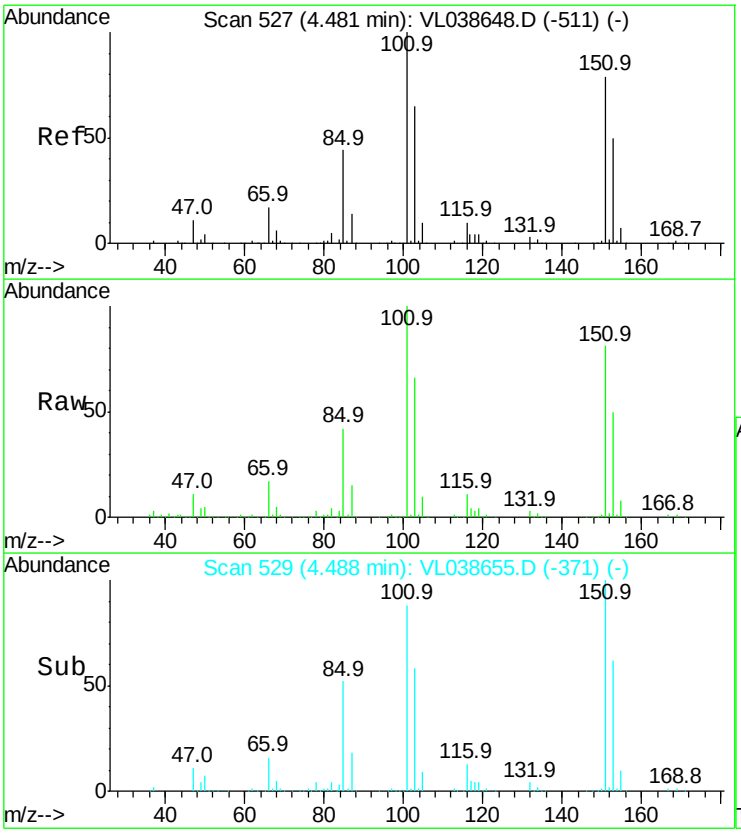
#11
Trichlorofluoromethane
Concen: 9.30 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion:101 Resp: 1083612

Ion	Ratio	Lower	Upper
101	100		
103	63.9	51.9	77.9

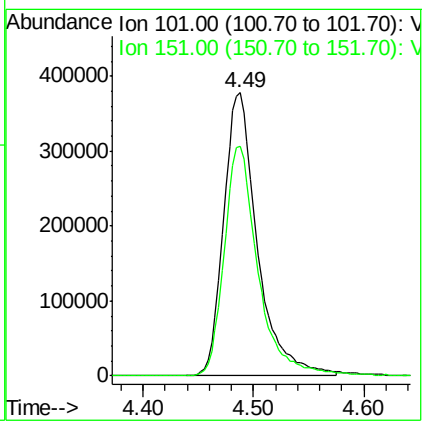


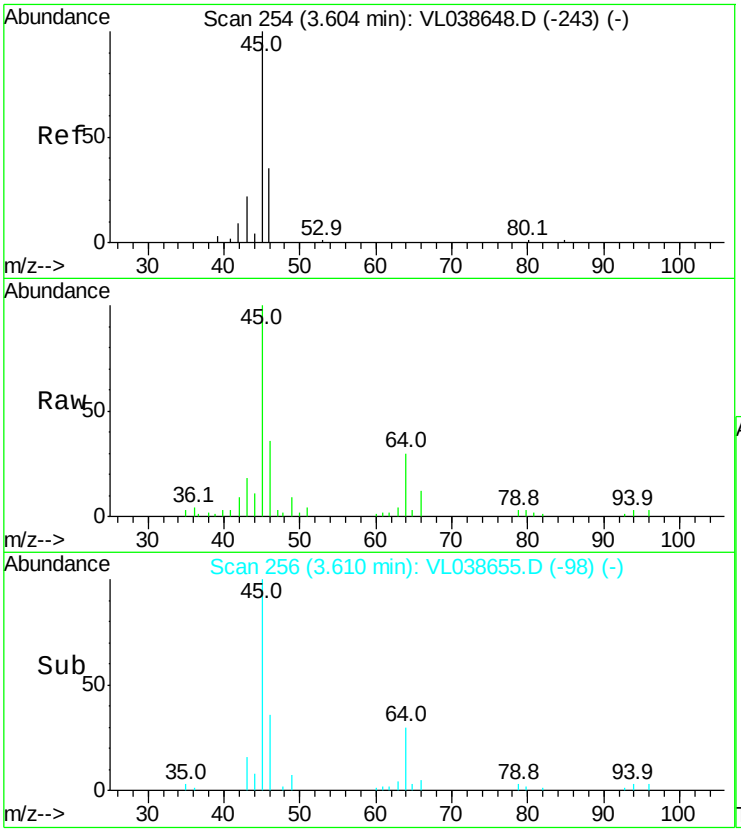


#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.94 ppbv
RT: 4.49 min Scan# 529
Delta R.T. 0.01 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion:101 Resp: 801516

Ion	Ratio	Lower	Upper
101	100		
151	81.9	62.9	94.3



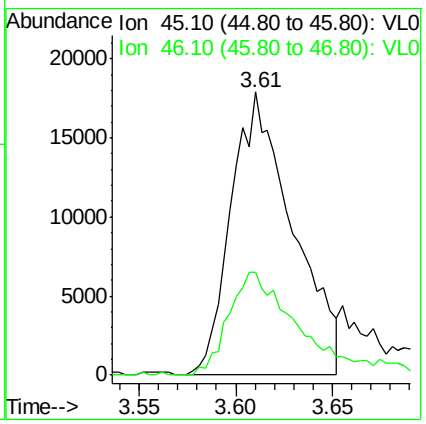


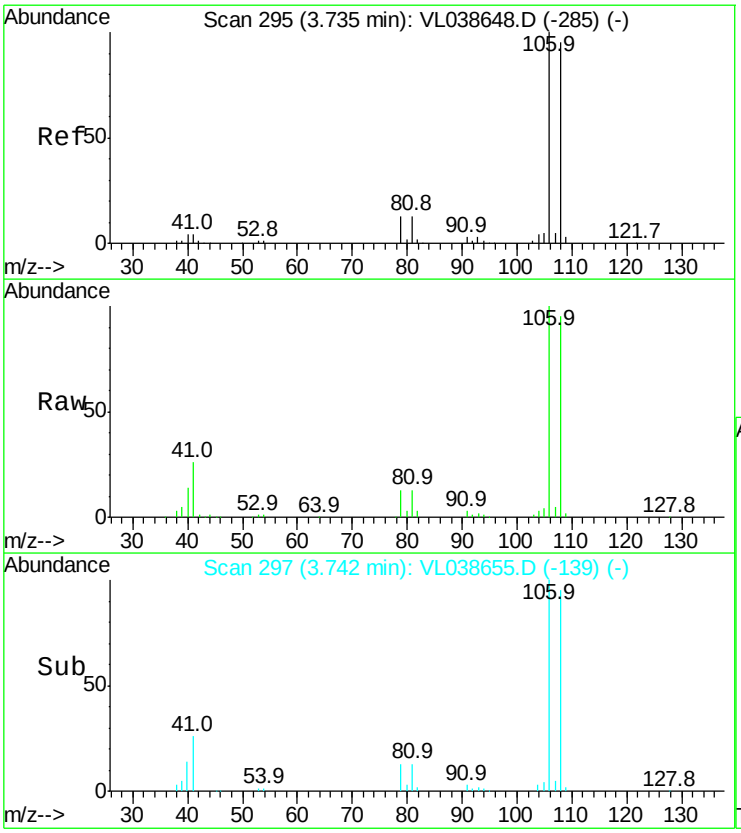
#13
Ethanol
Concen: 7.19 ppbv
RT: 3.61
Delta R.T
Lab File:
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion: 45 Resp: 39727

Ion	Ratio	Lower	Upper
45	100		
46	42.7	15.1	60.5

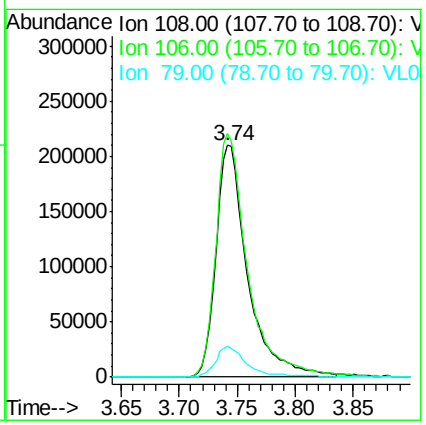


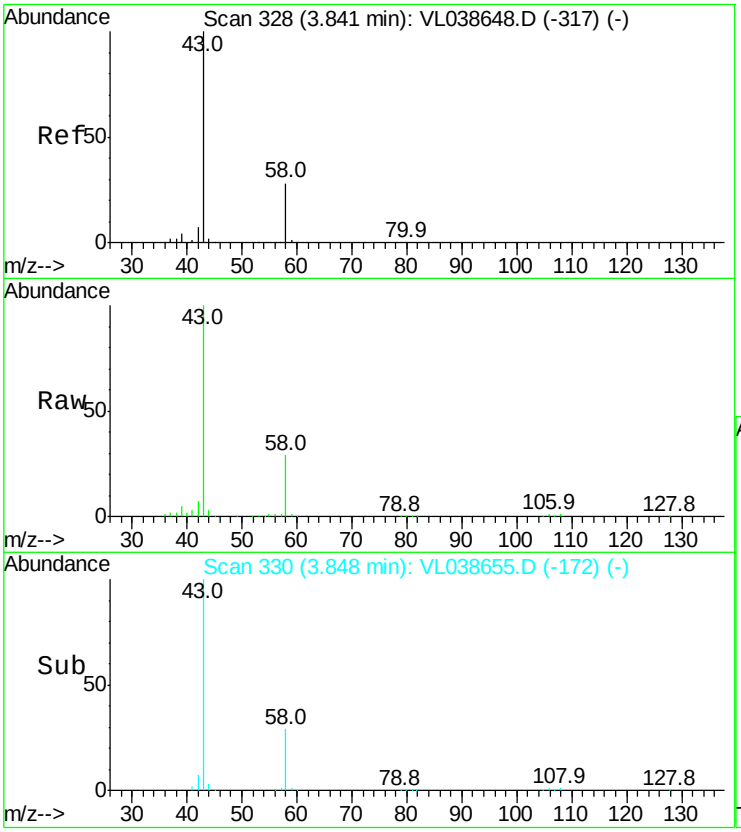


#14
Bromoethene
Concen: 10.03 ppbv
RT: 3.74 min Scan# 297
Delta R.T. 0.01 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion:108 Resp: 399523

Ion	Ratio	Lower	Upper
108	100		
106	106.8	88.3	132.5
79	13.8	11.2	16.8



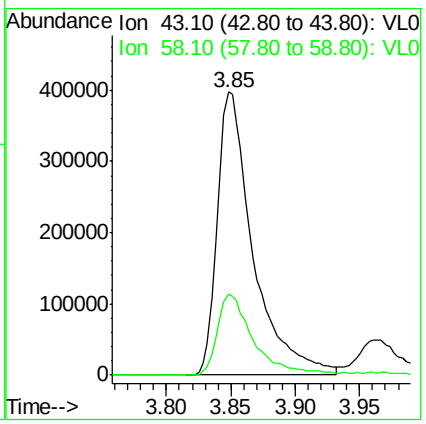


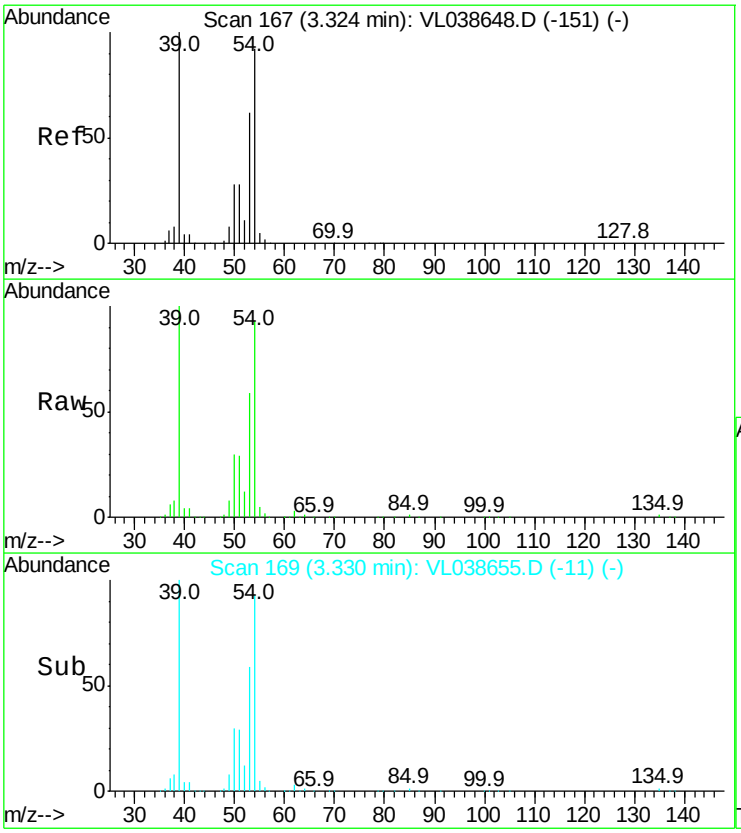
#15
Acetone
Concen: 9.05 ppbv
RT: 3.85
Delta R.T
Lab File:
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion: 43 Resp: 766310

Ion	Ratio	Lower	Upper
43	100		
58	29.2	23.3	34.9

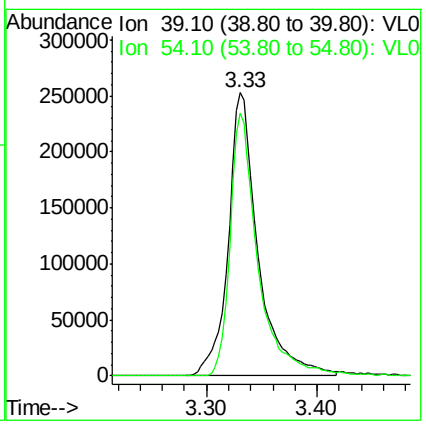


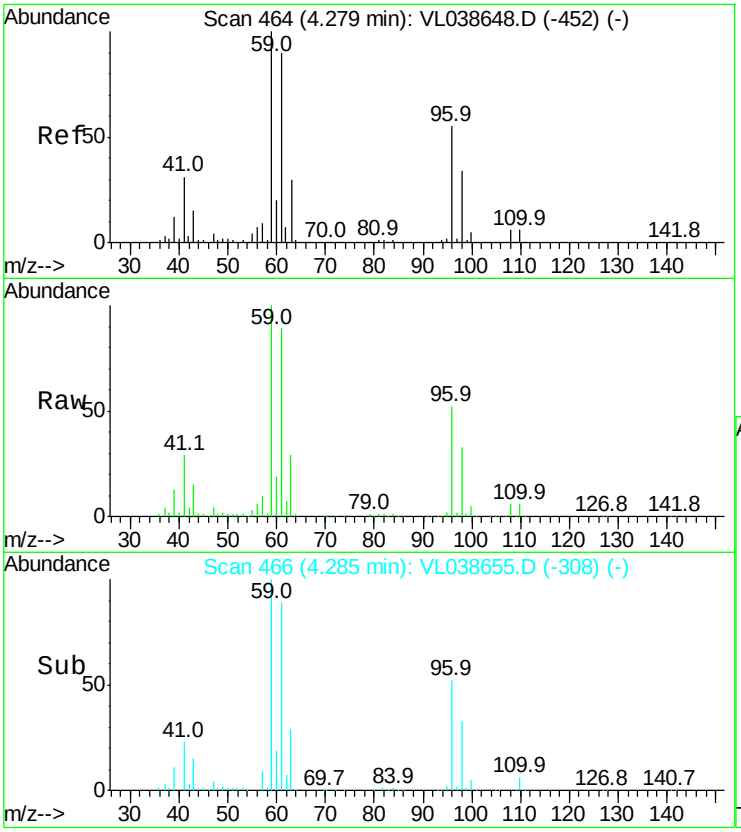


#16
1,3-Butadiene
Concen: 9.83 ppbv
RT: 3.33 min Scan# 169
Delta R.T. 0.01 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion: 39 Resp: 472488

Ion	Ratio	Lower	Upper
39	100		
54	87.7	69.1	103.7



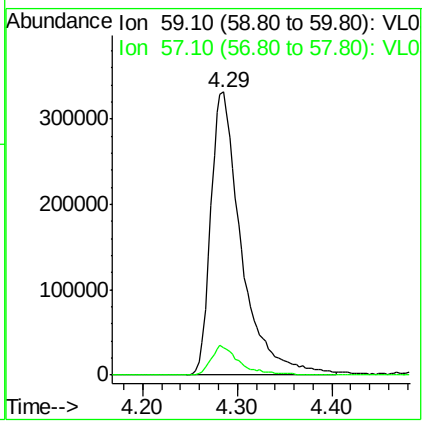


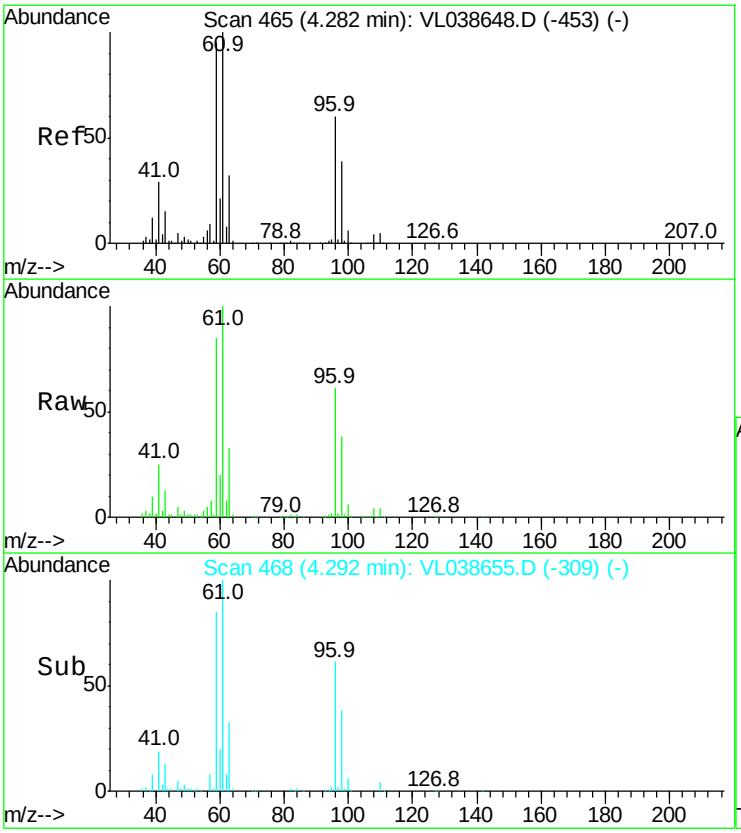
#17
tert-Butyl alcohol
Concen: 10.12 ppbv
RT: 4.29
Delta R.T
Lab File:
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion: 59 Resp: 748806

Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.2	12.2

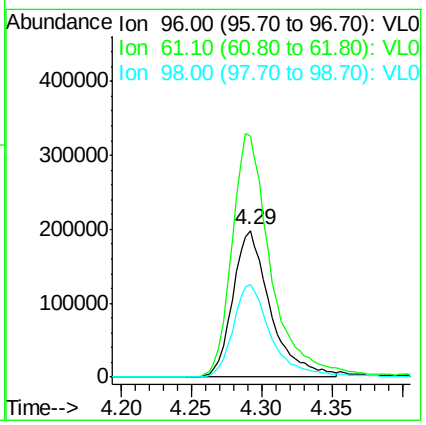


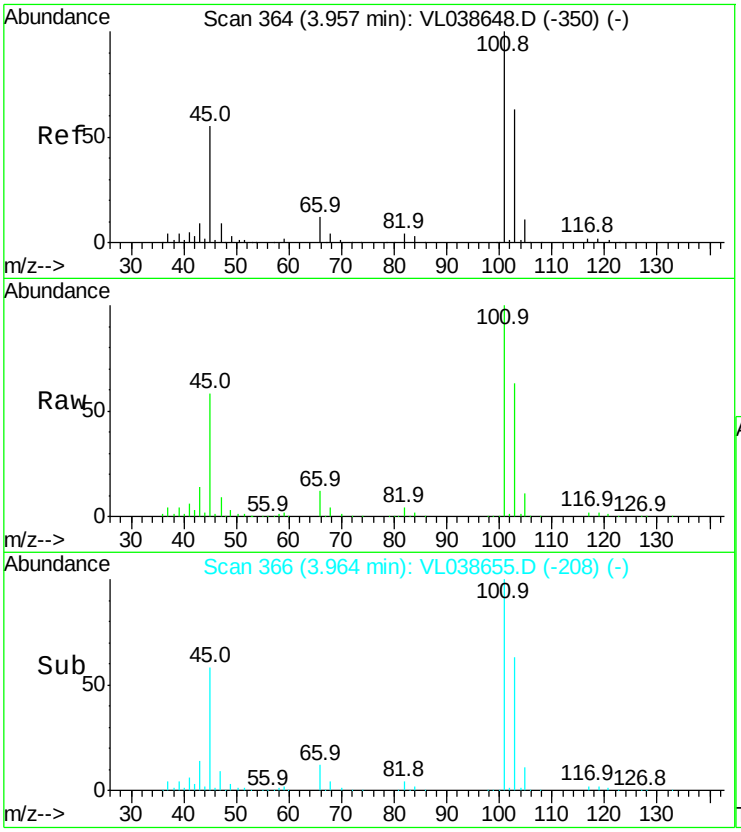


#18
1,1-Dichloroethene
Concen: 9.16 ppbv
RT: 4.29 min Scan# 468
Delta R.T. 0.01 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion: 96 Resp: 368938

Ion	Ratio	Lower	Upper
96	100		
61	164.3	132.4	198.6
98	62.9	51.6	77.4



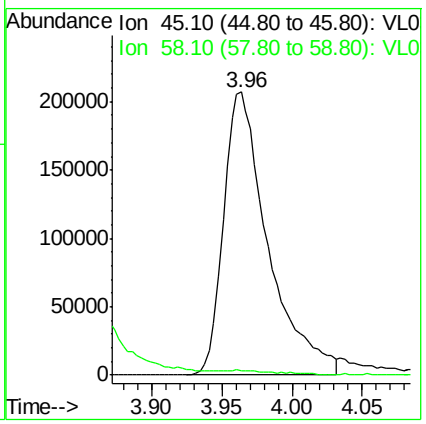


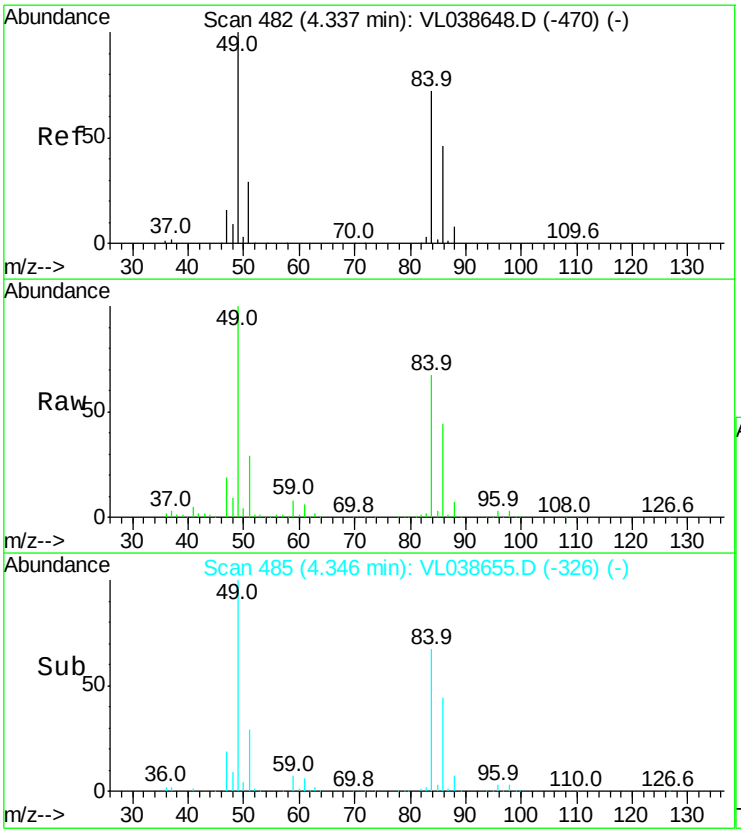
#19
Isopropyl Alcohol
Concen: 9.66 ppbv
RT: 3.96
Delta R.T
Lab File:
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion: 45 Resp: 453962

Ion	Ratio	Lower	Upper
45	100		
58	1.9	2.3	3.5#

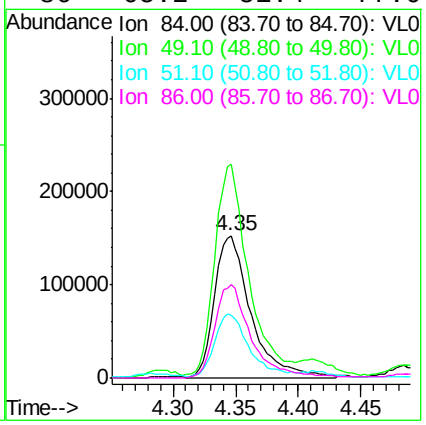


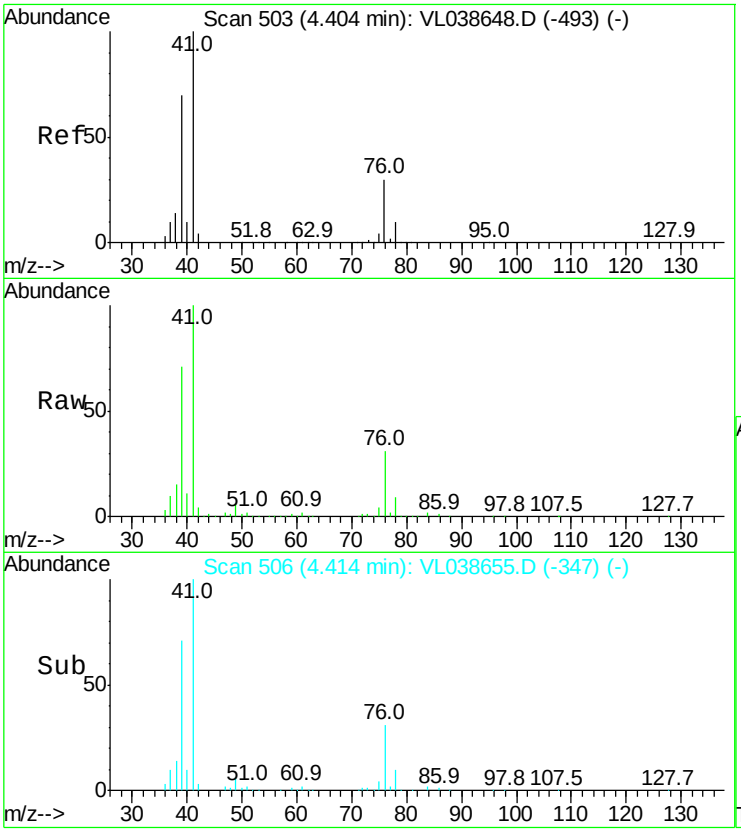


#20
Methylene Chloride
Concen: 8.54 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.01 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion: 84 Resp: 304783

Ion	Ratio	Lower	Upper
84	100		
49	146.8	111.2	166.8
51	43.0	32.8	49.2
86	65.2	51.4	77.0



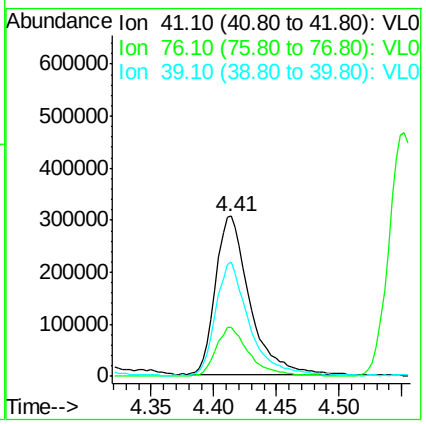


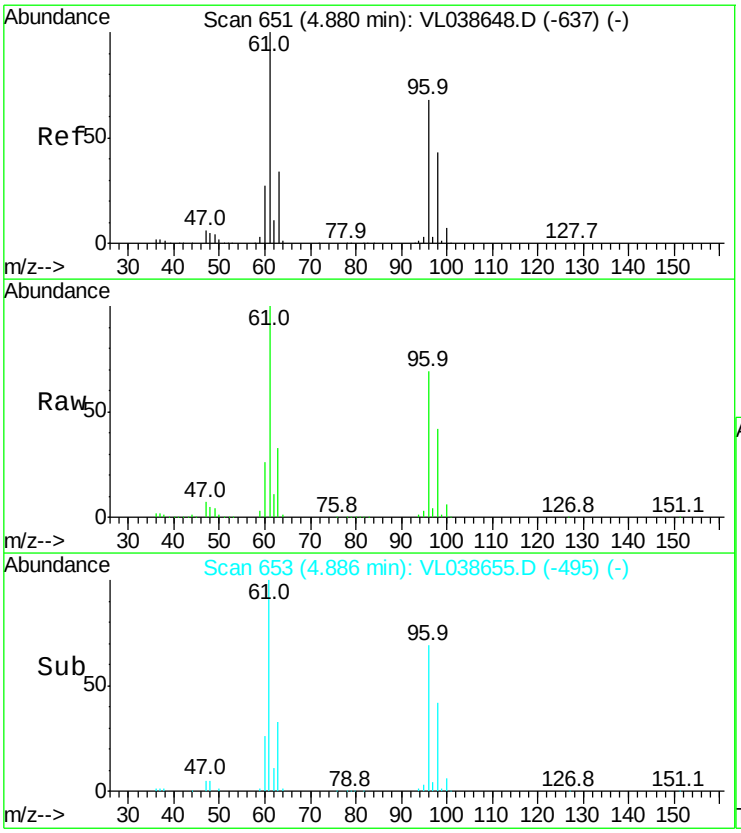
#21
Allyl Chloride
Concen: 9.43 ppbv
RT: 4.41
Delta R.T
Lab File:
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion: 41 Resp: 574670

Ion	Ratio	Lower	Upper
41	100		
76	31.2	25.0	37.6
39	70.7	56.6	85.0

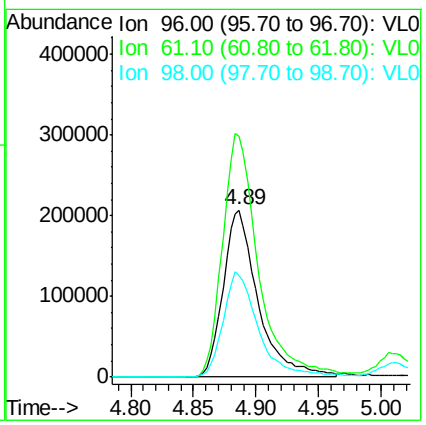


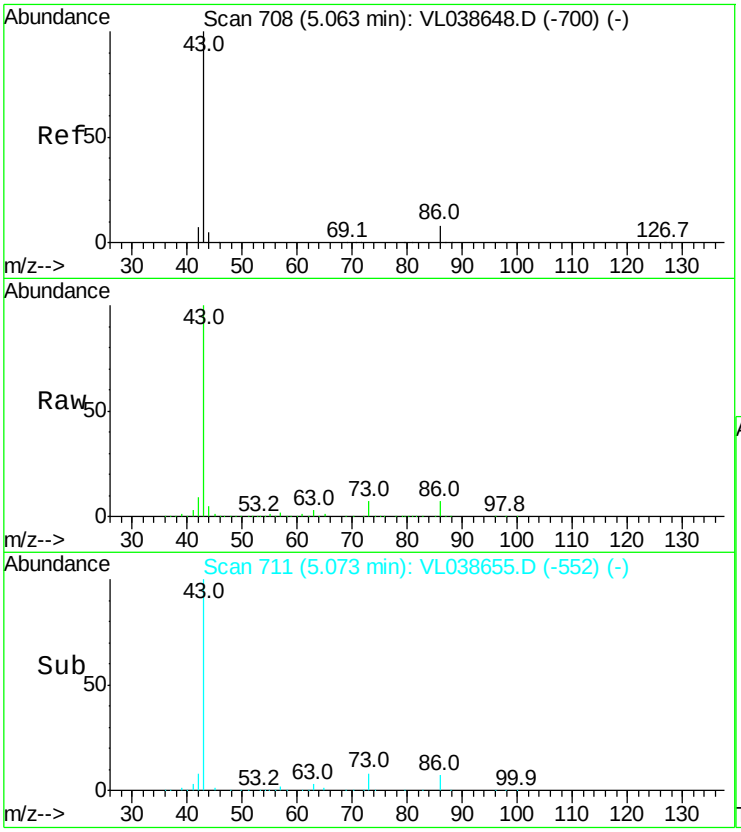


#22
trans-1,2-Dichloroethene
Concen: 9.60 ppbv
RT: 4.89 min Scan# 653
Delta R.T. 0.01 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion: 96 Resp: 400930

Ion	Ratio	Lower	Upper
96	100		
61	144.6	118.3	177.5
98	61.1	51.3	76.9



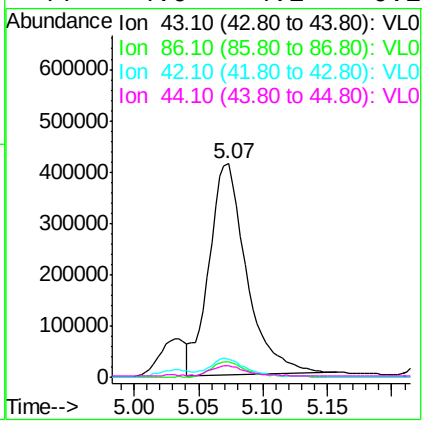


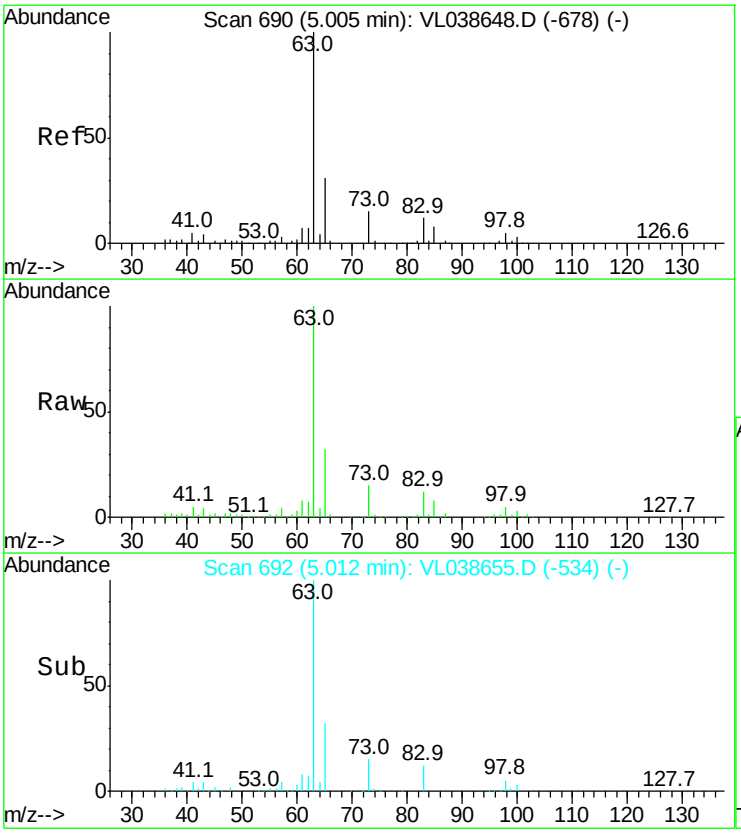
#23
Vinyl Acetate
Concen: 10.14 ppbv
RT: 5.07
Delta R.T
Lab File:
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion: 43 Resp: 831986

Ion	Ratio	Lower	Upper
43	100		
86	7.3	5.6	8.4
42	8.4	6.8	10.2
44	4.9	4.2	6.2

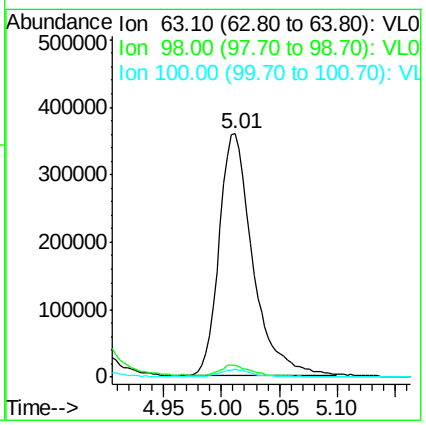


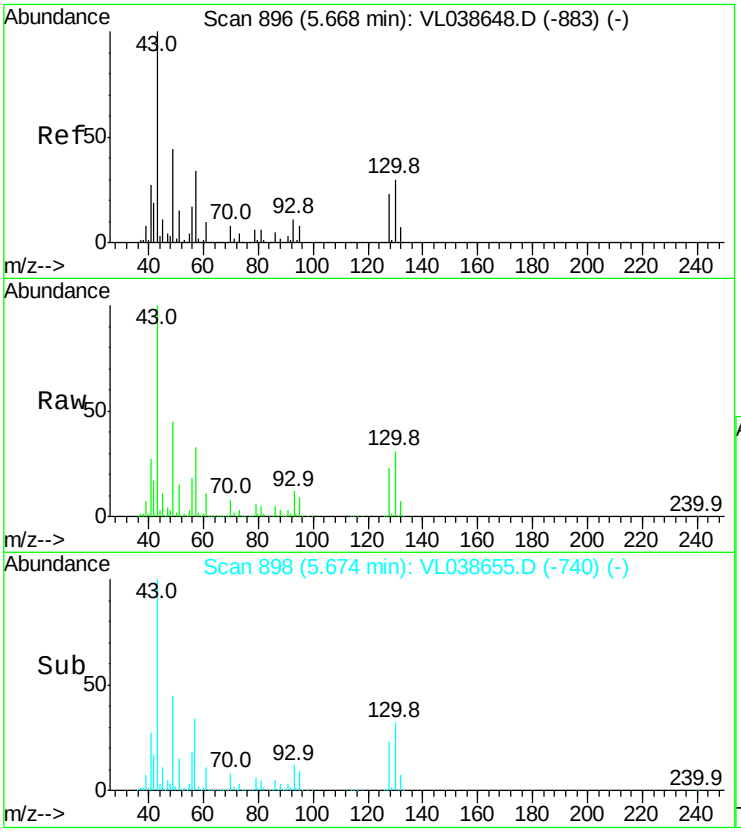


#24
1,1-Dichloroethane
Concen: 8.93 ppbv
RT: 5.01 min Scan# 692
Delta R.T. 0.01 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion: 63 Resp: 721365

Ion	Ratio	Lower	Upper
63	100		
98	4.6	2.5	7.5
100	3.1	1.4	4.2



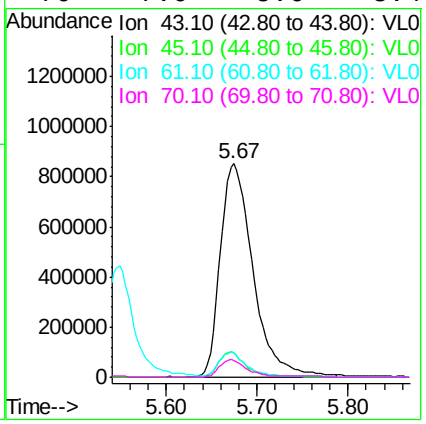


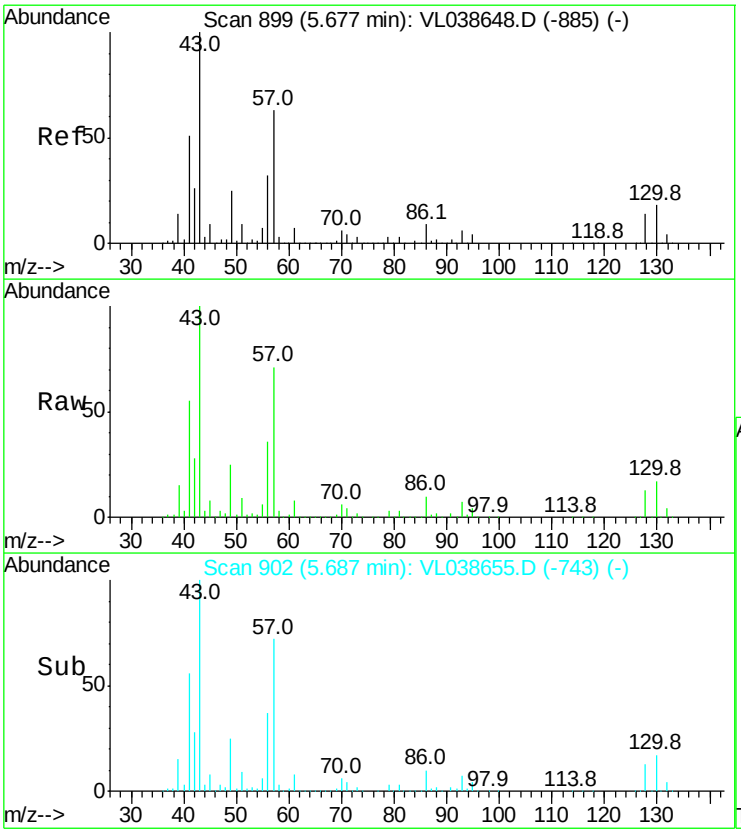
#25
Ethyl Acetate
Concen: 9.99 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion: 43 Resp: 2129785

Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.2	12.4
61	10.5	8.3	12.5
70	7.0	5.6	8.4

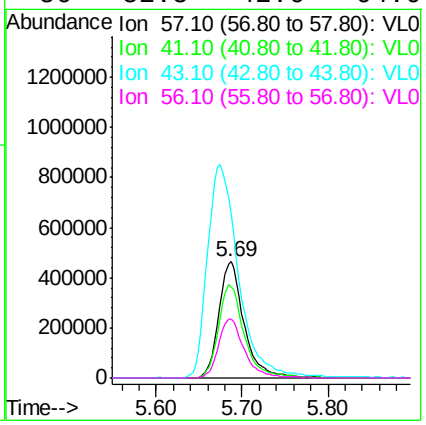


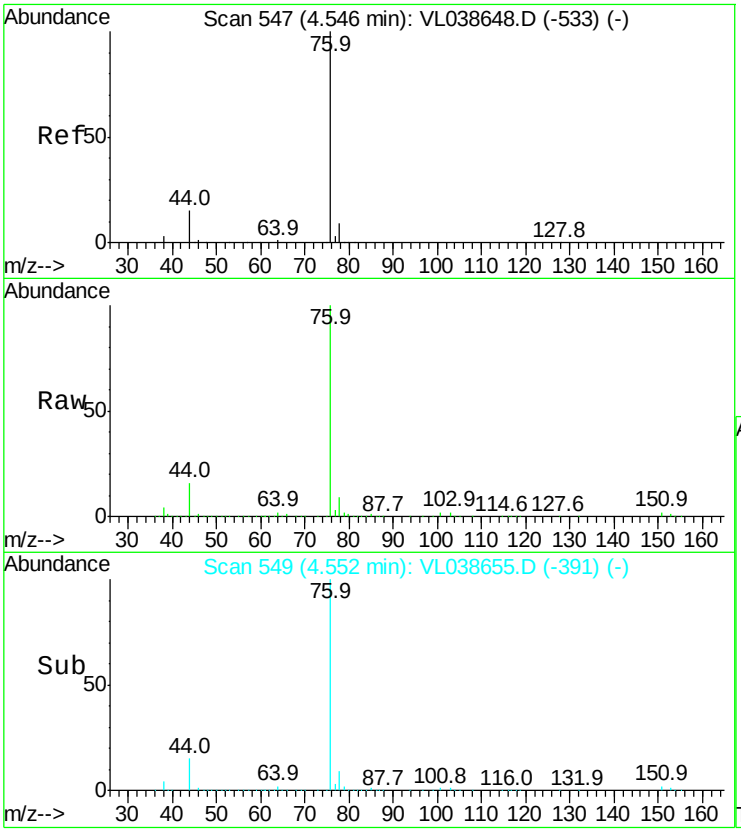


#26
Hexane
Concen: 9.93 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.01 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion: 57 Resp: 948078

Ion	Ratio	Lower	Upper
57	100		
41	82.3	67.0	100.4
43	227.1	184.2	276.2
56	52.5	42.6	64.0



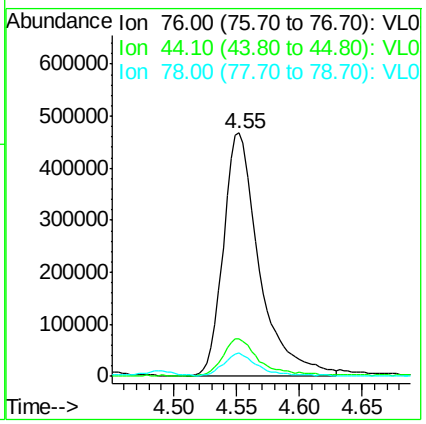


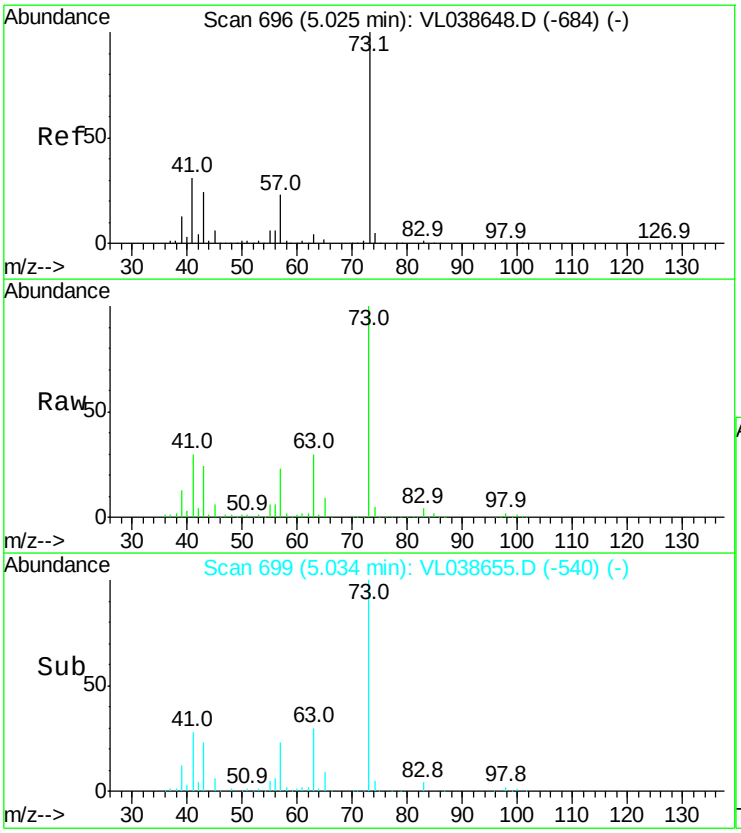
#27
Carbon Disulfide
Concen: 9.92 ppbv
RT: 4.55
Delta R.T
Lab File:
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion: 76 Resp: 929343

Ion	Ratio	Lower	Upper
76	100		
44	15.5	12.4	18.6
78	9.6	7.8	11.8

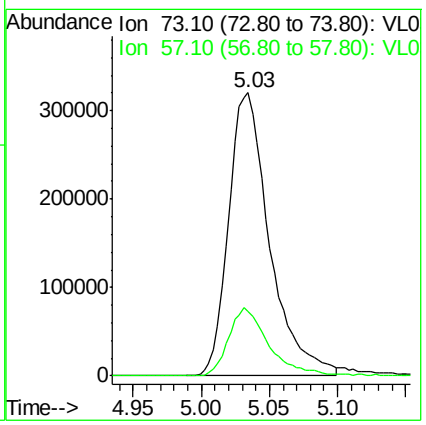


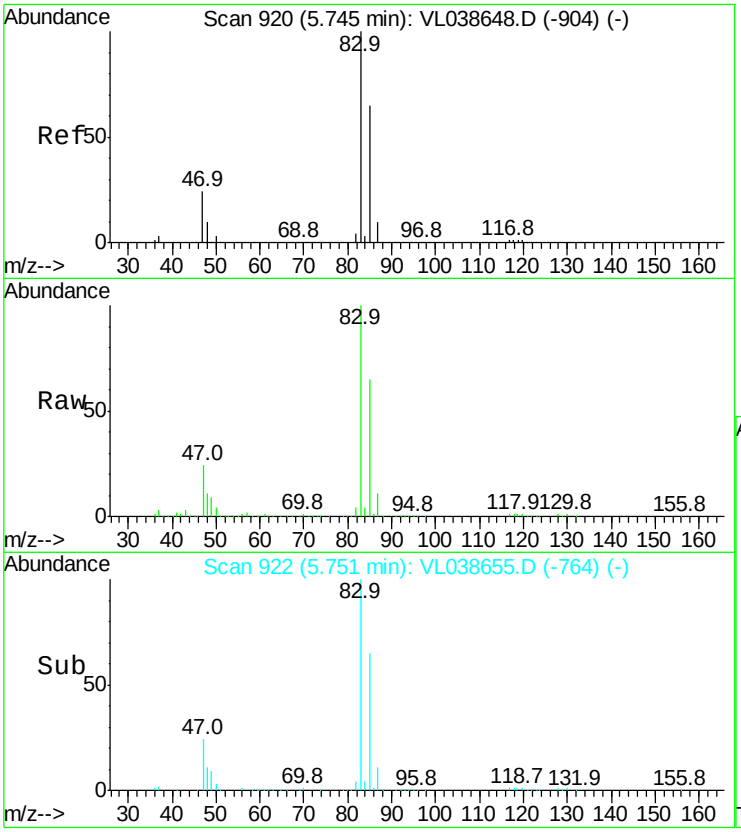


#28
Methyl tert-Butyl Ether
Concen: 9.42 ppbv
RT: 5.03 min Scan# 699
Delta R.T. 0.01 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion: 73 Resp: 669808

Ion	Ratio	Lower	Upper
73	100		
57	24.1	19.2	28.8



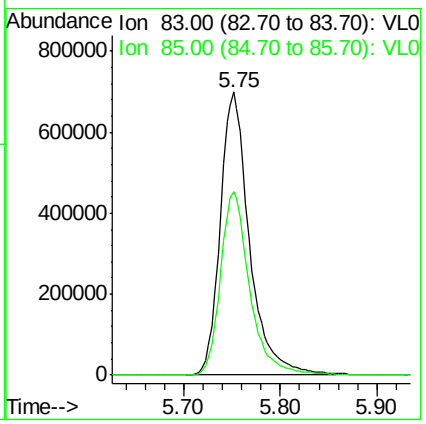


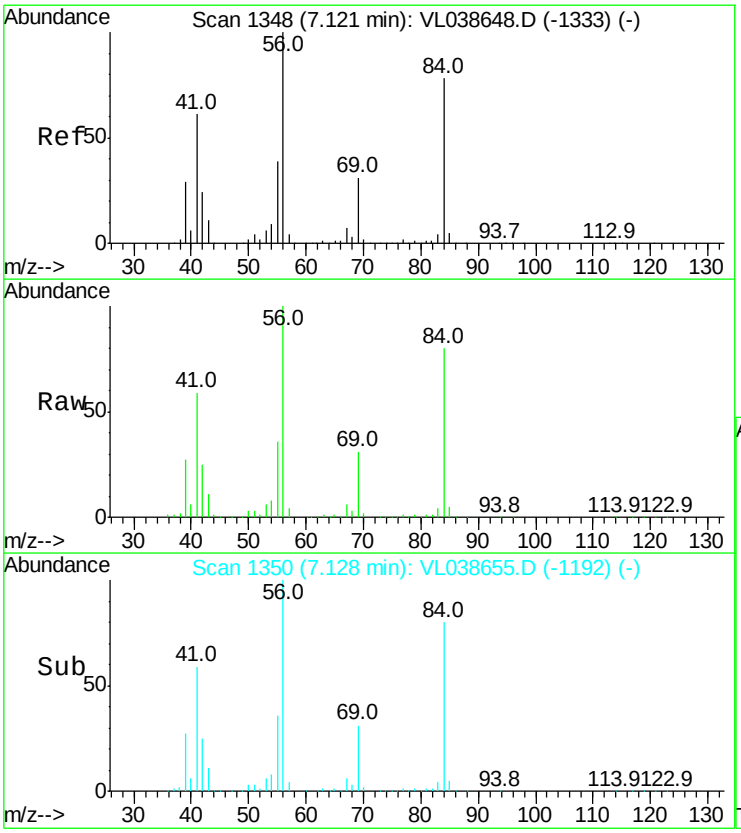
#29
Chloroform
Concen: 9.57 ppbv
RT: 5.75
Delta R.T
Lab File:
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion: 83 Resp: 1463400

Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.7	77.5

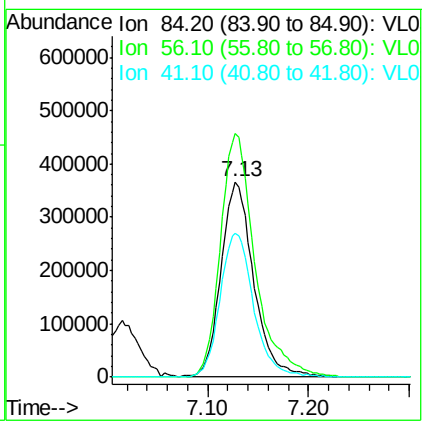


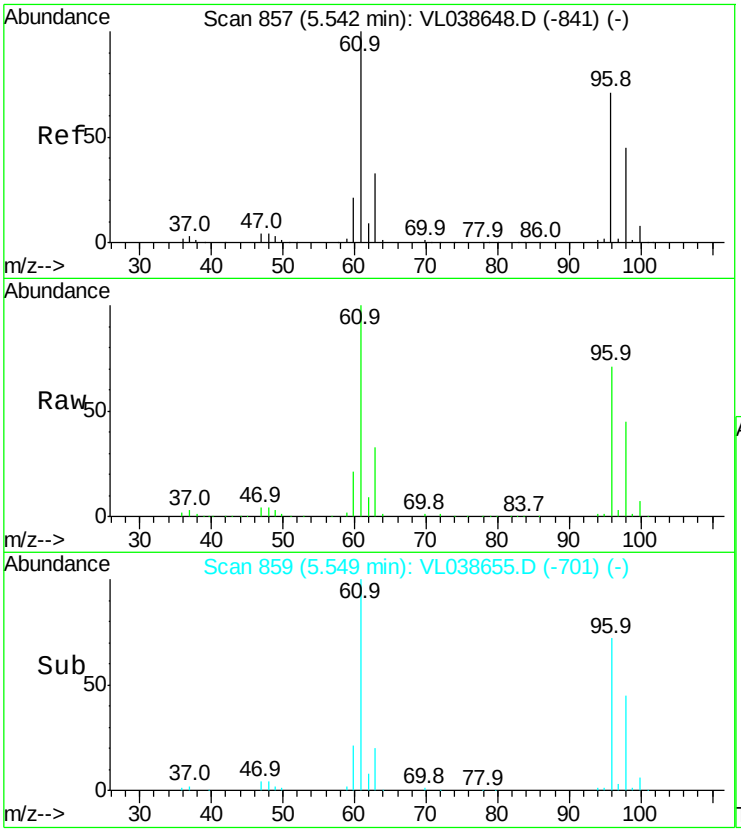


#30
Cyclohexane
Concen: 9.88 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. 0.01 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion: 84 Resp: 819821

Ion	Ratio	Lower	Upper
84	100		
56	134.0	108.2	162.4
41	76.4	61.8	92.6



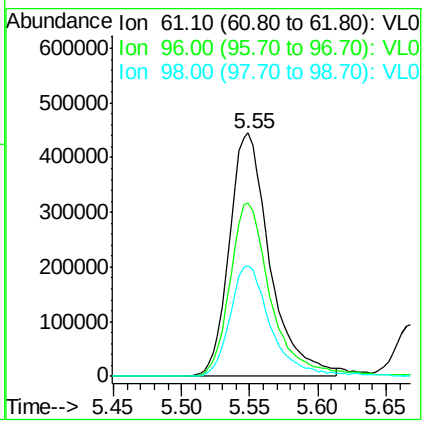


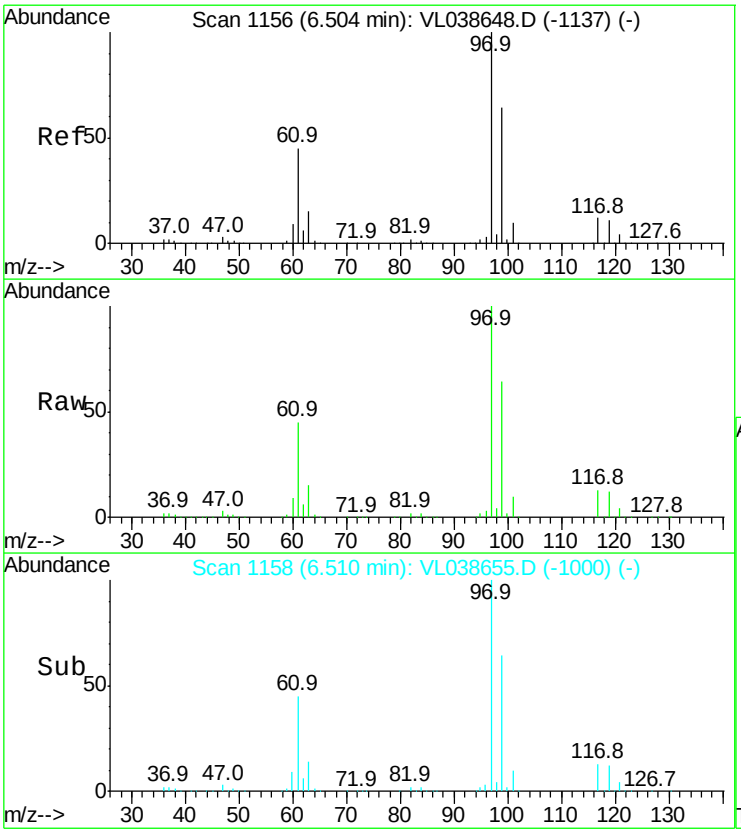
#31
cis-1,2-Dichloroethene
Concen: 10.19 ppbv
RT: 5.55
Delta R.T
Lab File:
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion: 61 Resp: 915033

Ion	Ratio	Lower	Upper
61	100		
96	71.2	56.6	84.8
98	45.3	36.3	54.5

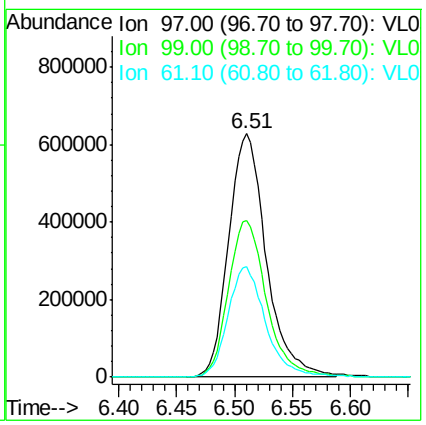


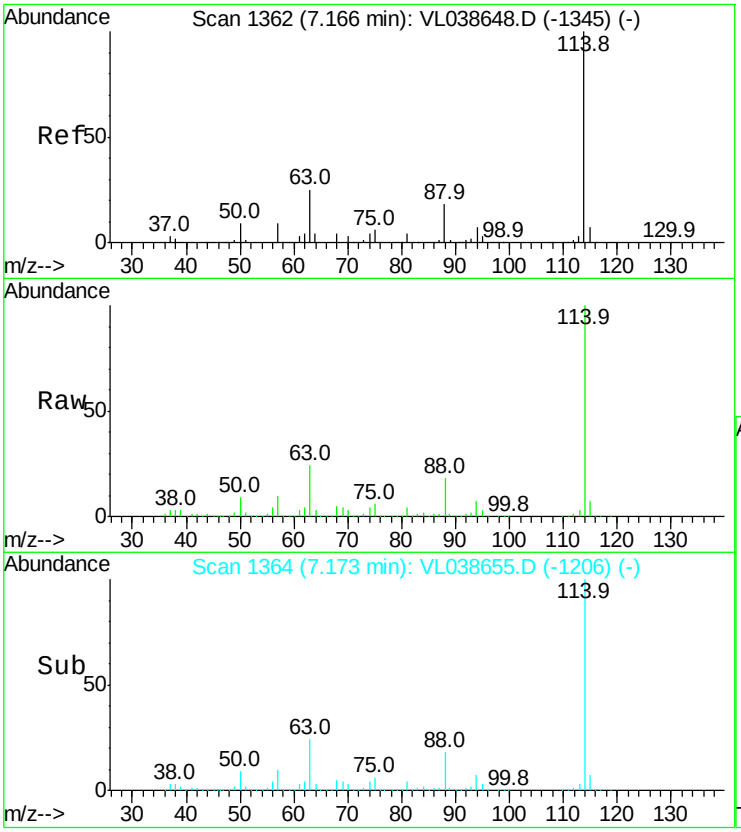


#32
1,1,1-Trichloroethane
Concen: 9.59 ppbv
RT: 6.51 min Scan# 1158
Delta R.T. 0.01 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion: 97 Resp: 1414177

Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.8	77.8
61	45.8	36.7	55.1



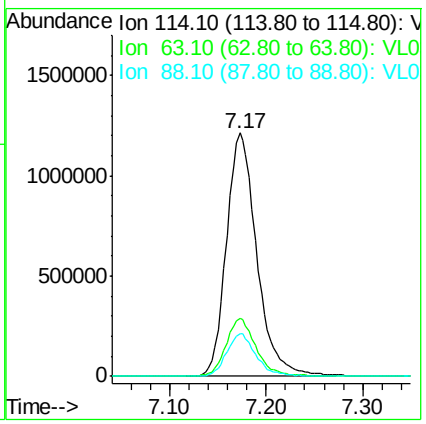


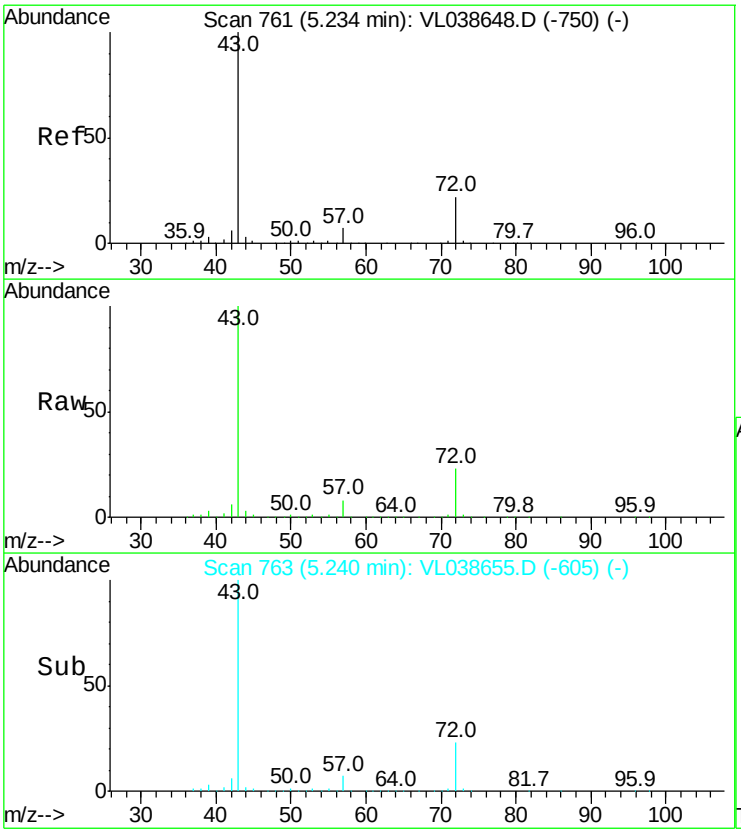
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion:114 Resp: 2645824

Ion	Ratio	Lower	Upper
114	100		
63	23.9	19.4	29.0
88	17.2	13.9	20.9

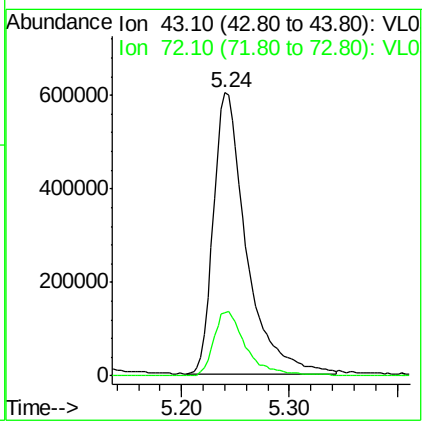


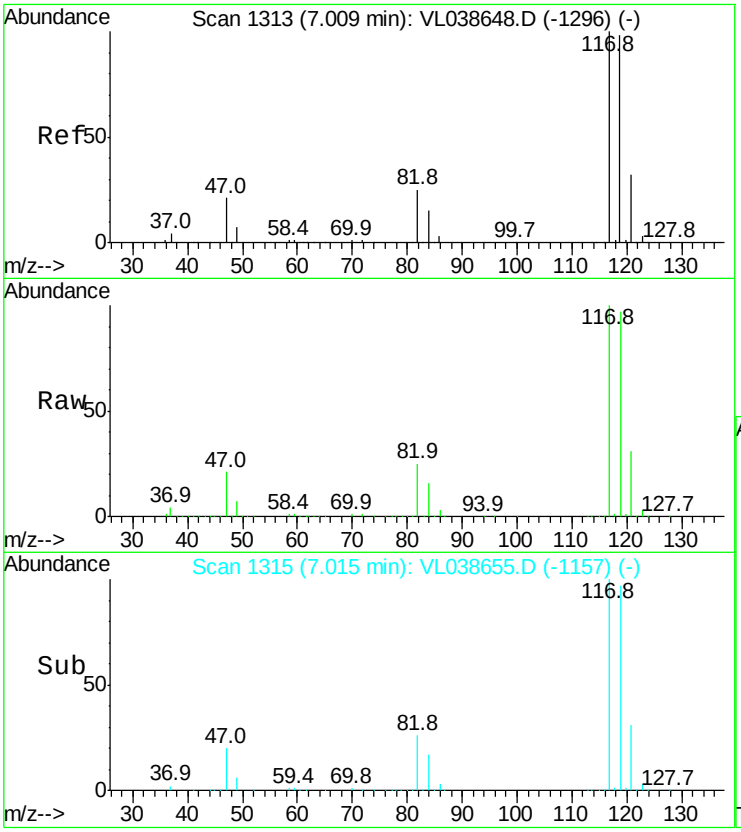


#34
2-Butanone
Concen: 12.12 ppbv
RT: 5.24 min Scan# 763
Delta R.T. 0.01 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion: 43 Resp: 1268928

Ion	Ratio	Lower	Upper
43	100		
72	23.3	17.8	26.8



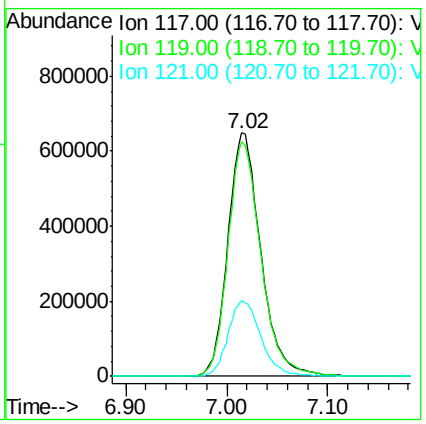


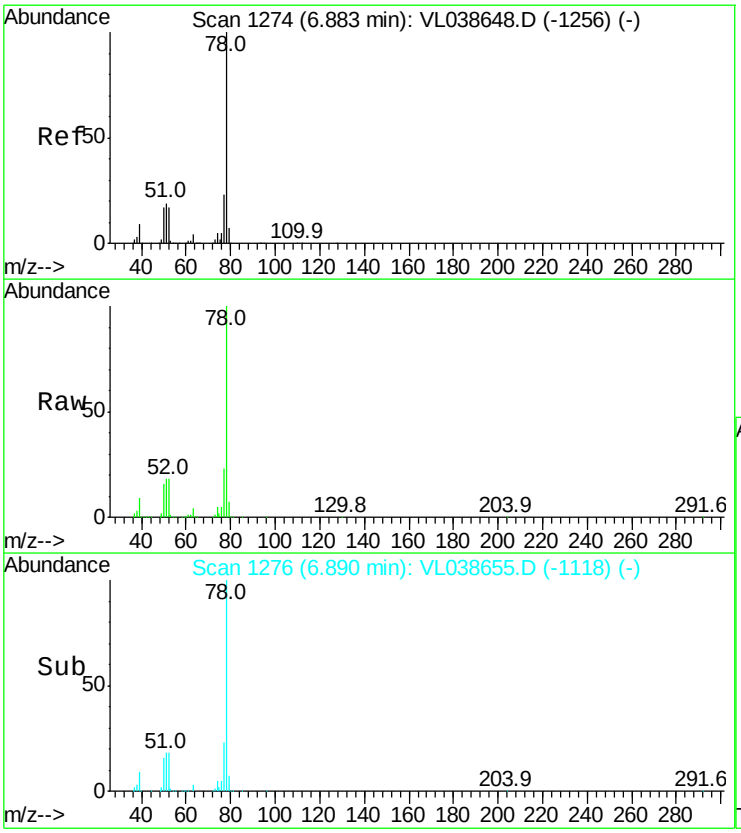
#35
Carbon Tetrachloride
Concen: 9.58 ppbv
RT: 7.02
Delta R.T
Lab File:
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion:117 Resp: 1471162

Ion	Ratio	Lower	Upper
117	100		
119	96.5	78.1	117.1
121	31.2	25.8	38.6

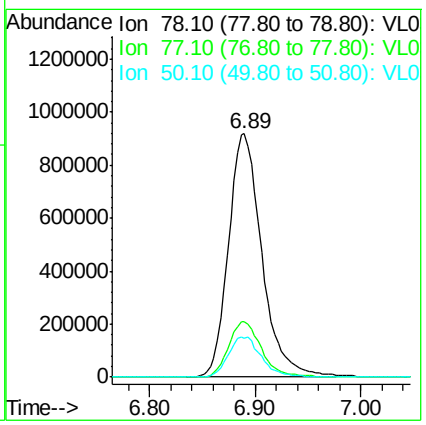


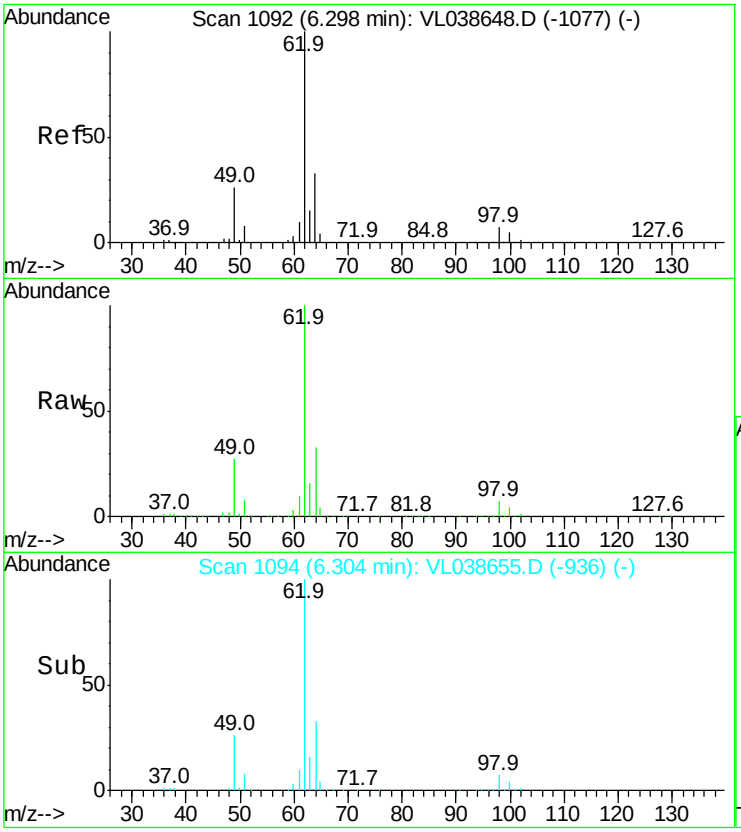


#36
Benzene
Concen: 9.86 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. 0.01 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion: 78 Resp: 2014440

Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.1	27.1
50	16.0	13.6	20.4



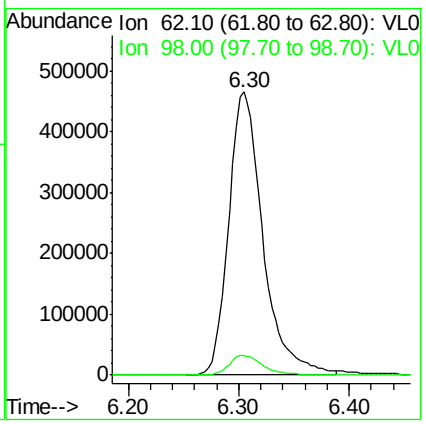


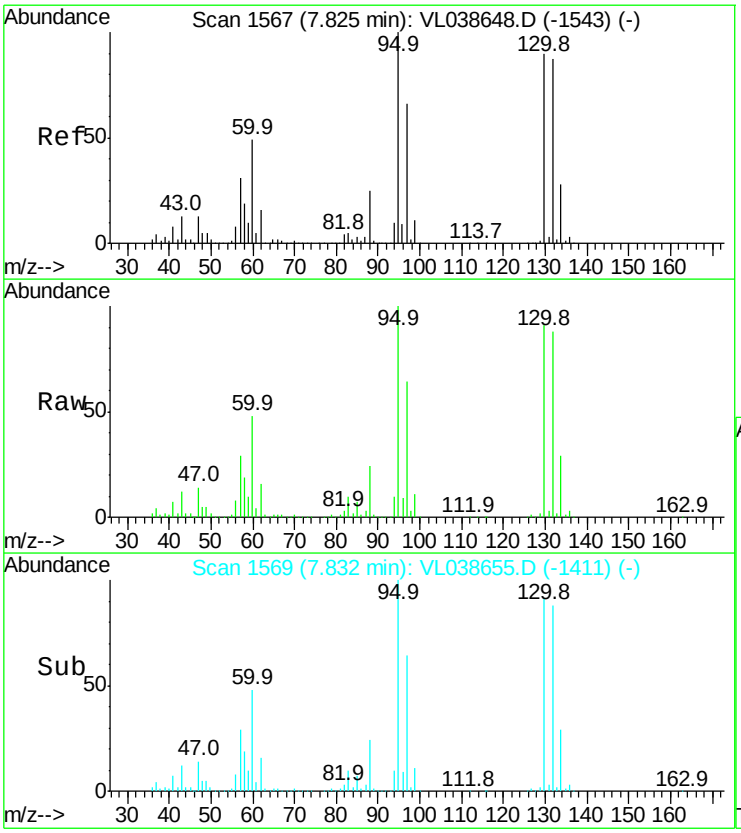
#37
1,2-Dichloroethane
Concen: 9.62 ppbv
RT: 6.30
Delta R.T
Lab File:
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion: 62 Resp: 999572

Ion	Ratio	Lower	Upper
62	100		
98	7.3	5.6	8.4

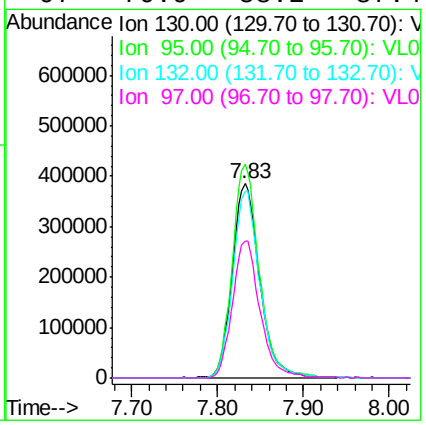


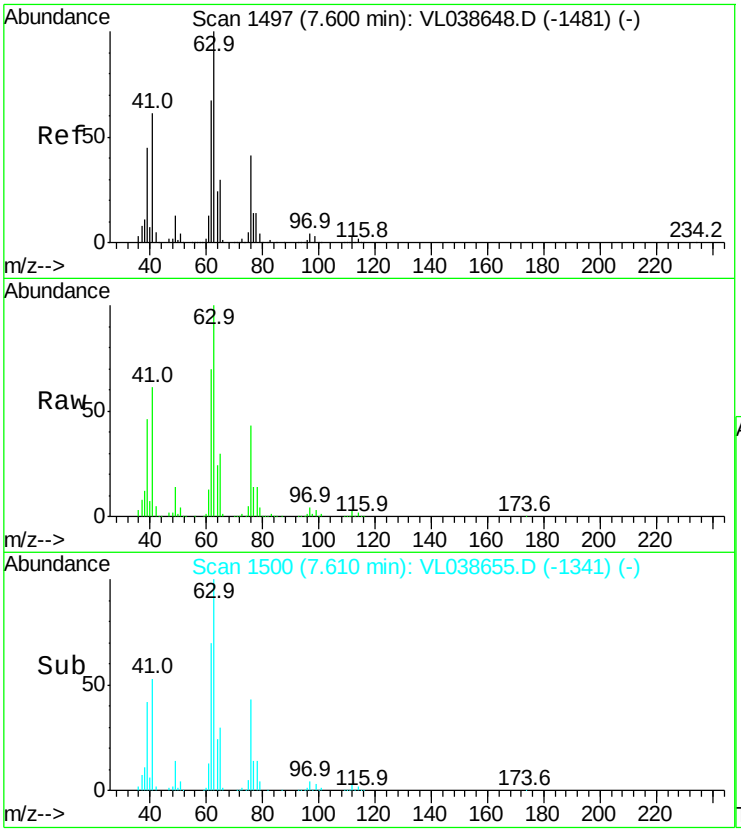


#38
Trichloroethene
Concen: 10.00 ppbv
RT: 7.83 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion:130 Resp: 855048

Ion	Ratio	Lower	Upper
130	100		
95	110.0	88.9	133.3
132	96.5	77.4	116.0
97	70.9	58.2	87.4



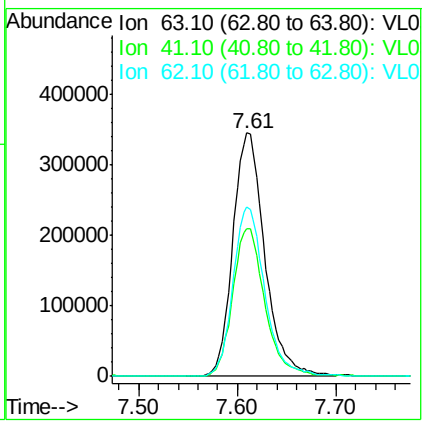


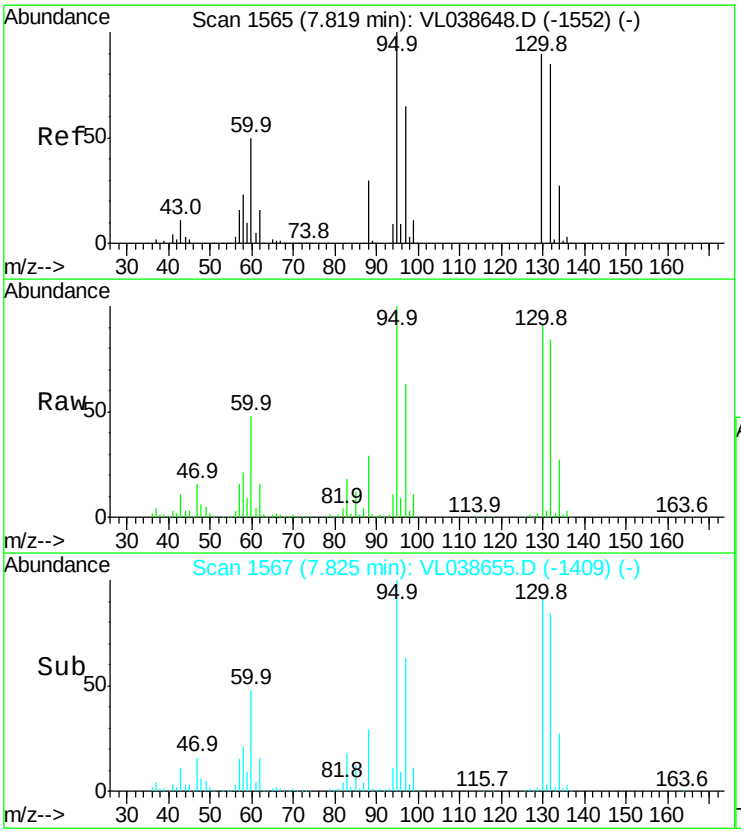
#39
1,2-Dichloropropane
Concen: 9.71 ppbv
RT: 7.61
Delta R.T
Lab File:
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion: 63 Resp: 775044

Ion	Ratio	Lower	Upper
63	100		
41	60.7	49.0	73.6
62	69.7	53.9	80.9

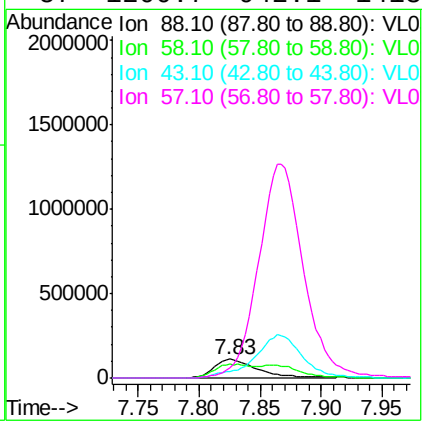


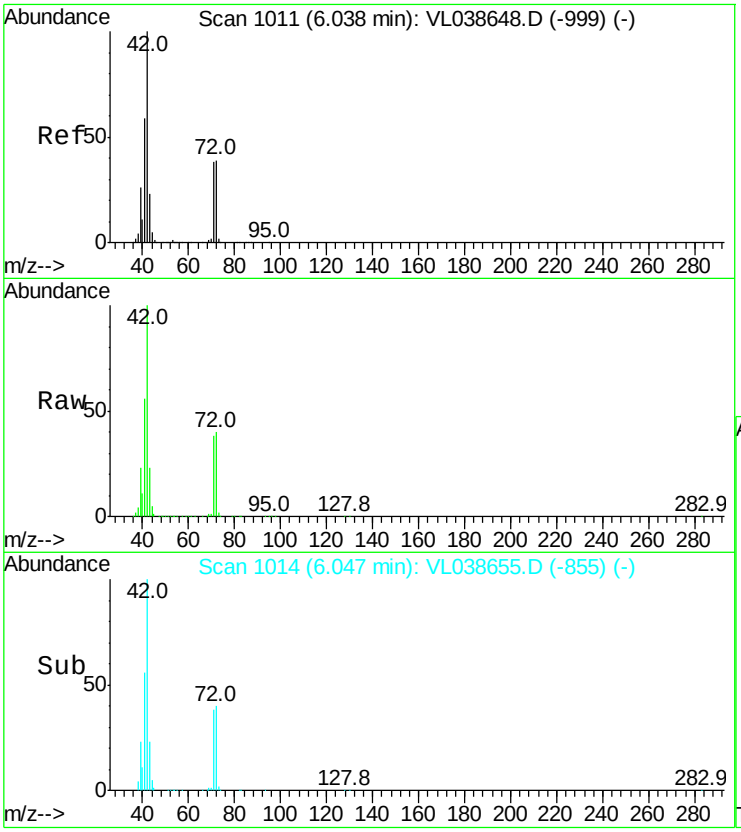


#40
1,4-Dioxane
Concen: 9.83 ppbv
RT: 7.83 min Scan# 1567
Delta R.T. 0.01 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion: 88 Resp: 272476

Ion	Ratio	Lower	Upper
88	100		
58	132.5	105.6	158.4
43	257.0	201.9	302.9
57	1200.7	942.1	1413.1



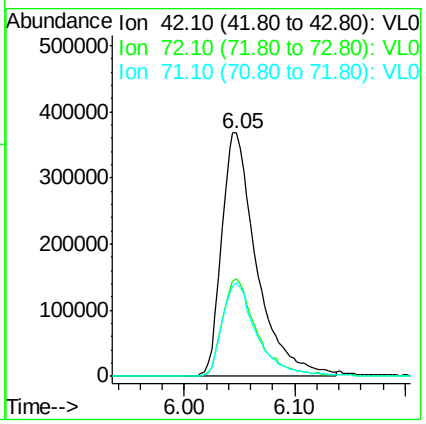


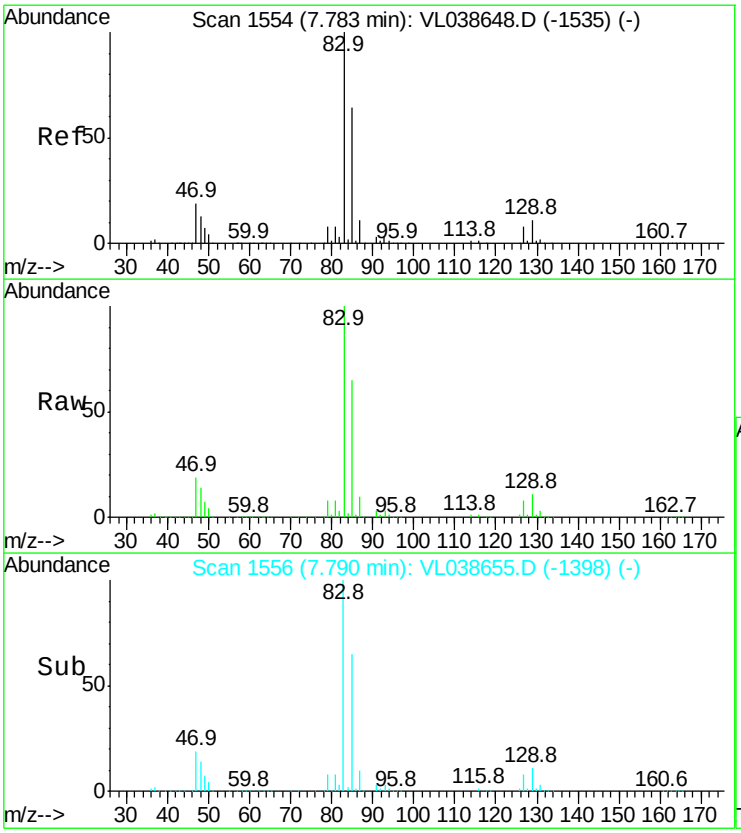
#41
Tetrahydrofuran
Concen: 10.38 ppbv
RT: 6.05
Delta R.T
Lab File:
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion: 42 Resp: 809000

Ion	Ratio	Lower	Upper
42	100		
72	40.1	32.5	48.7
71	38.4	31.4	47.2

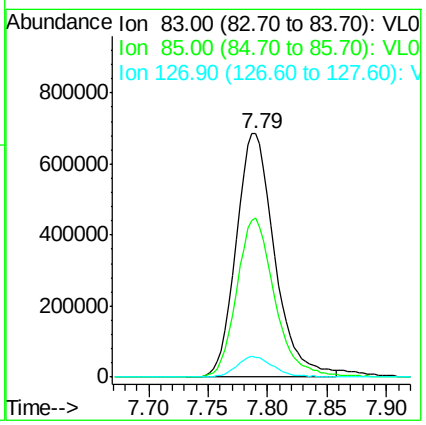


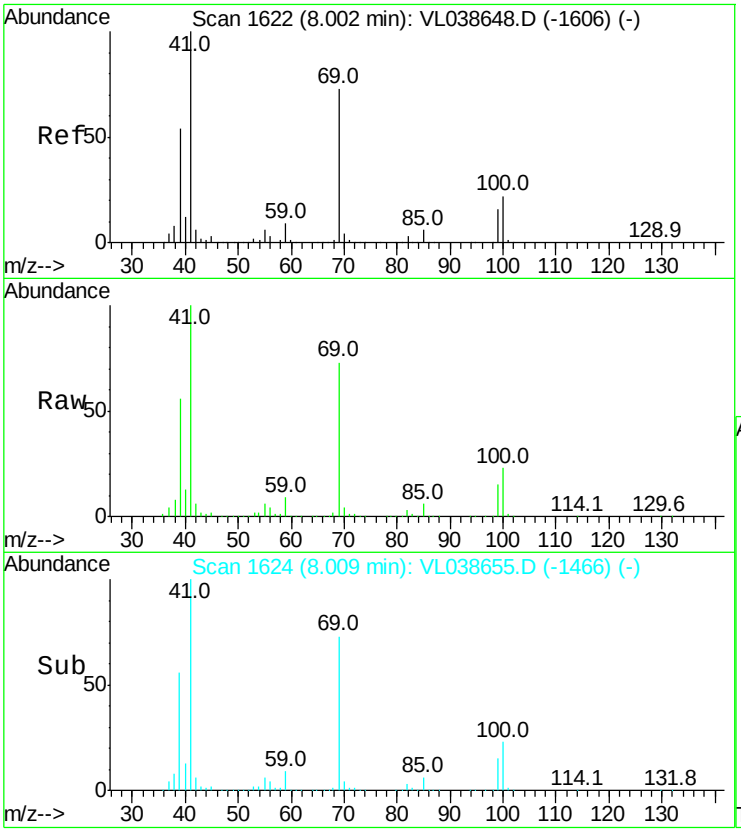


#42
Bromodichloromethane
Concen: 9.87 ppbv
RT: 7.79 min Scan# 1556
Delta R.T. 0.01 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion: 83 Resp: 1537263

Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.1	76.7
127	8.3	6.5	9.7



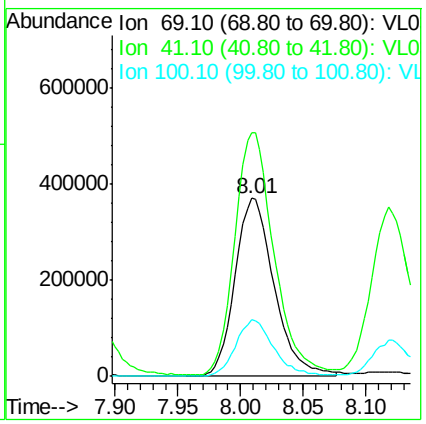


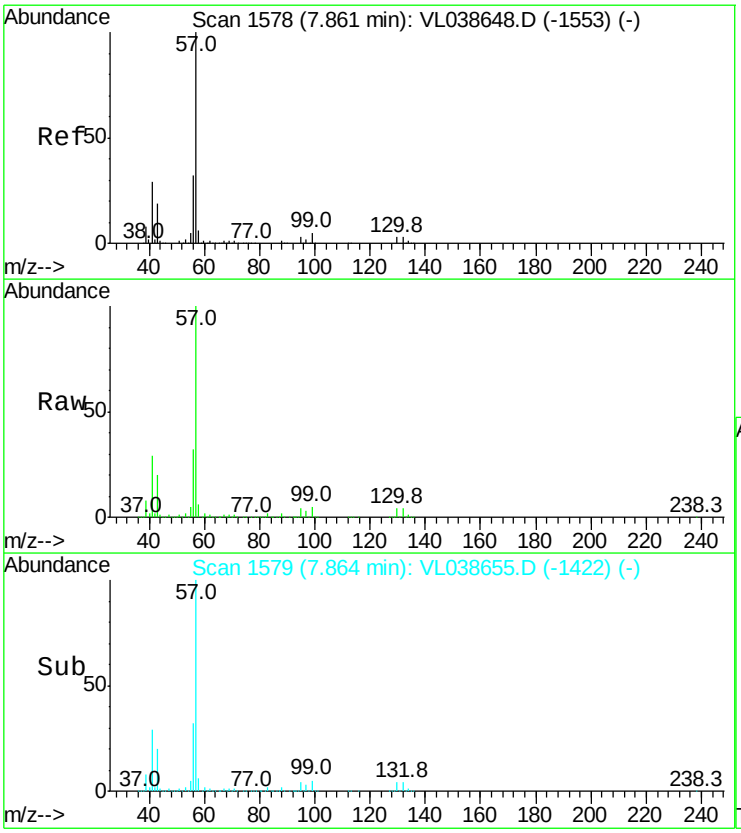
#43
Methyl Methacrylate
Concen: 10.61 ppbv
RT: 8.01
Delta R.T
Lab File:
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion: 69 Resp: 804648

Ion	Ratio	Lower	Upper
69	100		
41	137.6	110.3	165.5
100	31.2	24.8	37.2

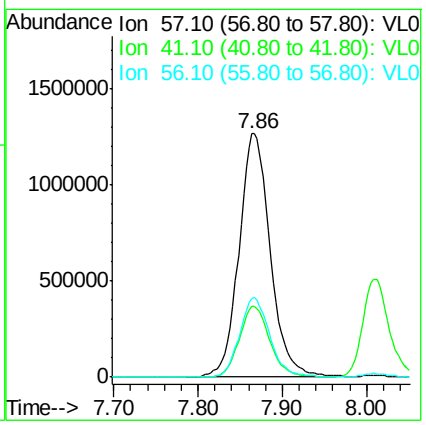


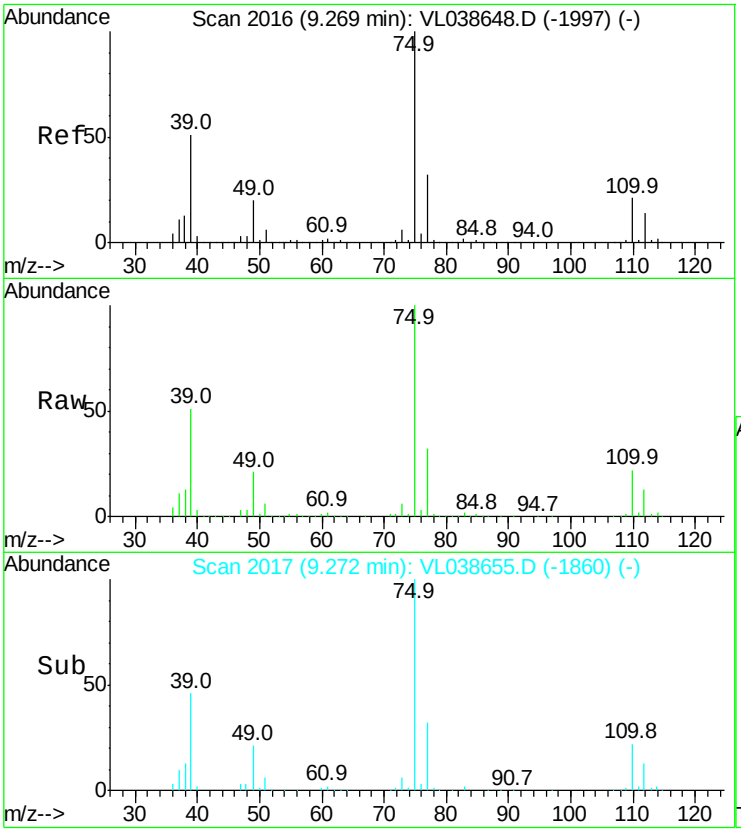


#44
2,2,4-Trimethylpentane
Concen: 9.53 ppbv
RT: 7.86 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion: 57 Resp: 3265907

Ion	Ratio	Lower	Upper
57	100		
41	28.3	23.0	34.4
56	31.5	25.3	37.9



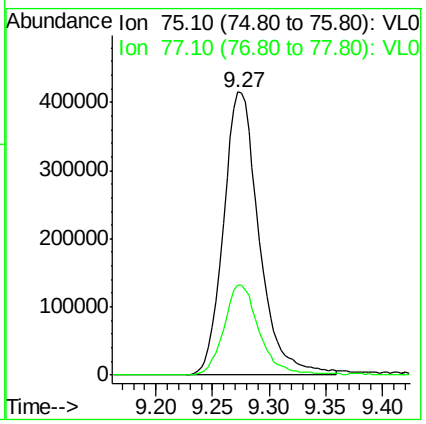


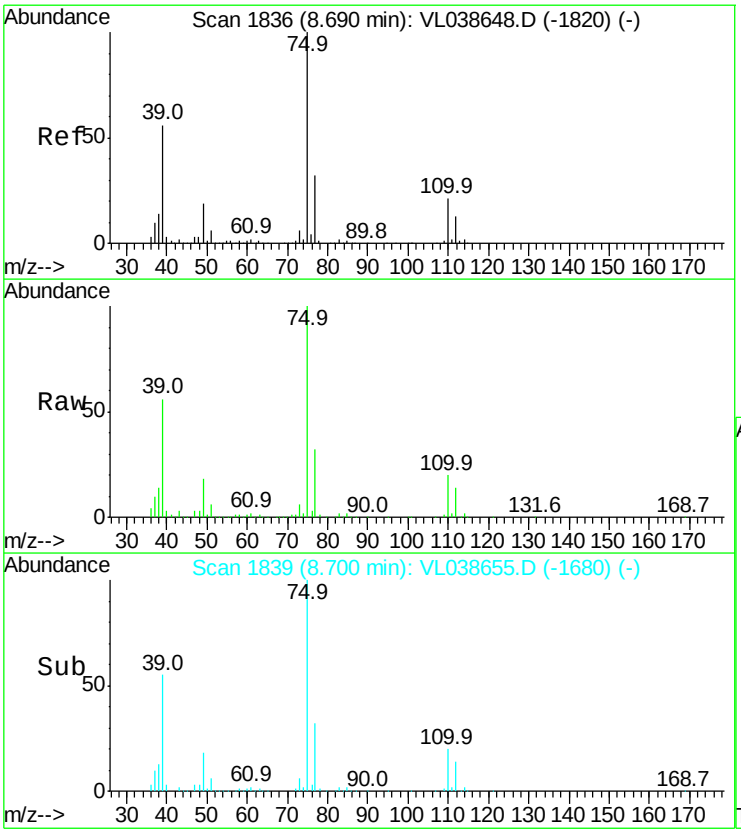
#45
t-1,3-Dichloropropene
Concen: 11.71 ppbv
RT: 9.27
Delta R.T
Lab File:
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion: 75 Resp: 902564

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.5	38.3

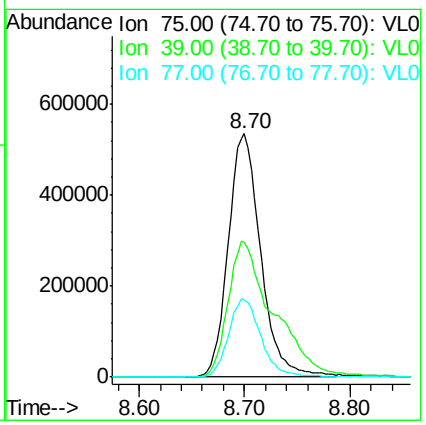


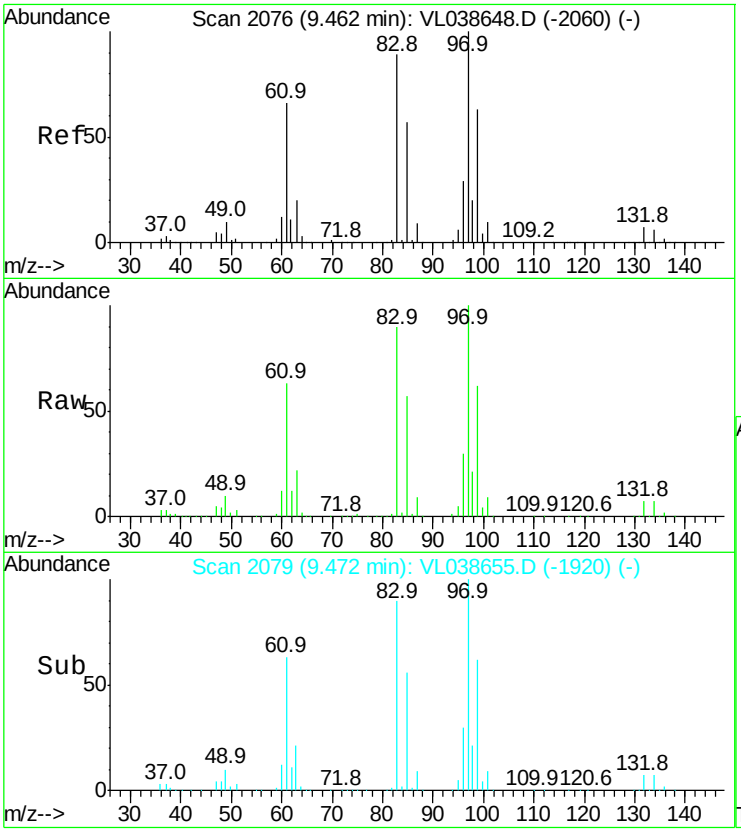


#46
cis-1,3-Dichloropropene
Concen: 10.95 ppbv
RT: 8.70 min Scan# 1839
Delta R.T. 0.01 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion: 75 Resp: 1140931

Ion	Ratio	Lower	Upper
75	100		
39	55.4	44.8	67.2
77	31.6	25.4	38.0



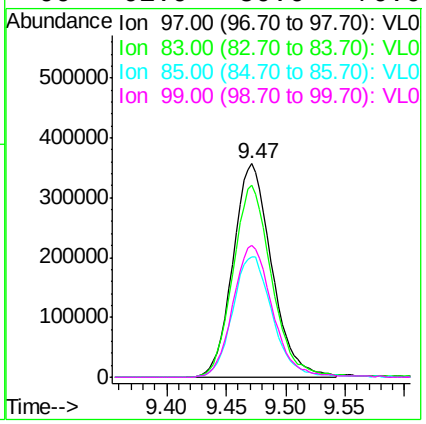


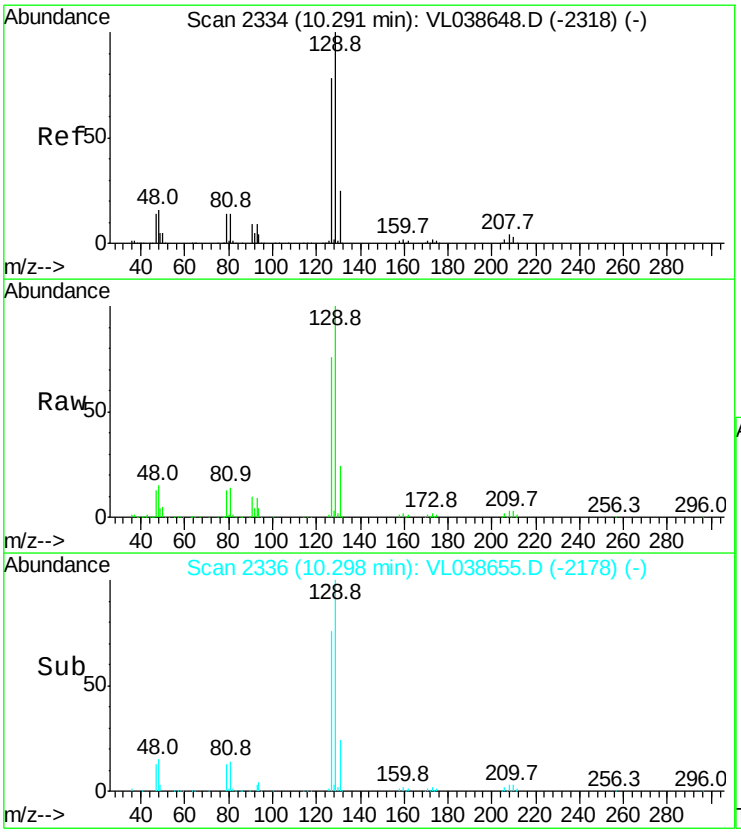
#47
1,1,2-Trichloroethane
Concen: 9.45 ppbv
RT: 9.47
Delta R.T
Lab File:
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion: 97 Resp: 805000

Ion	Ratio	Lower	Upper
97	100		
83	90.1	71.2	106.8
85	56.5	45.3	67.9
99	61.9	50.6	76.0

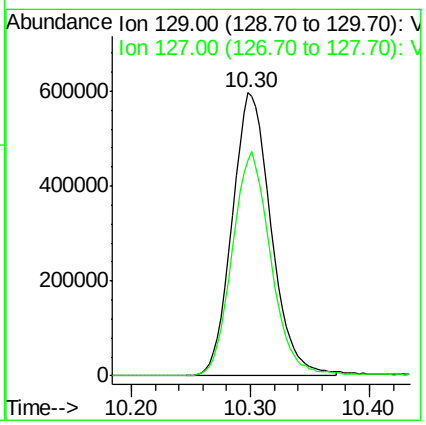


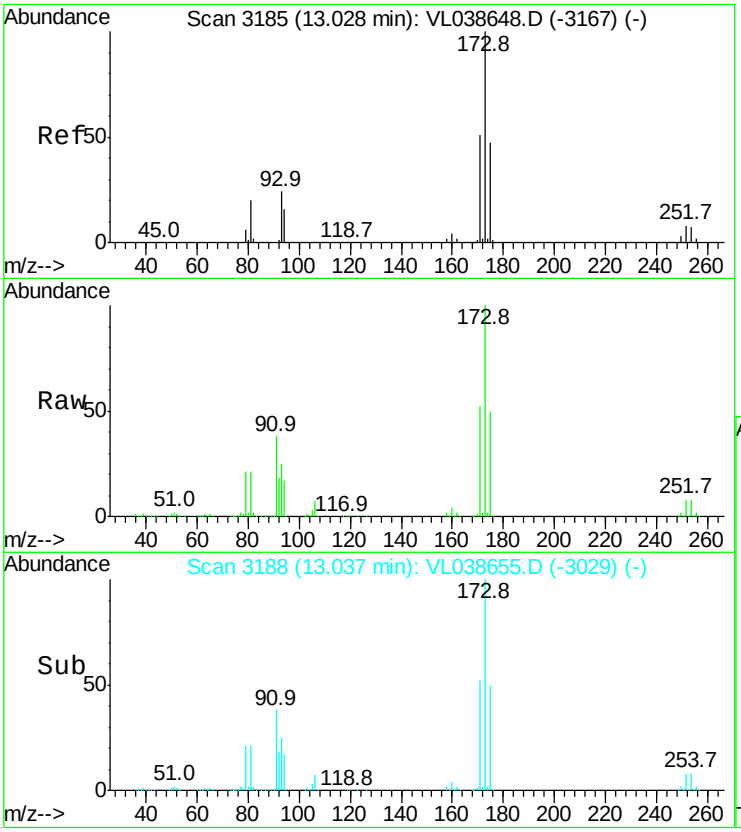


#48
Dibromochloromethane
Concen: 10.15 ppbv
RT: 10.30 min Scan# 2336
Delta R.T. 0.01 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion:129 Resp: 1354622

Ion	Ratio	Lower	Upper
129	100		
127	79.3	39.5	118.5



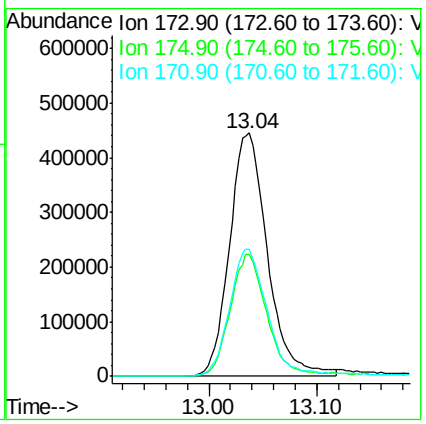


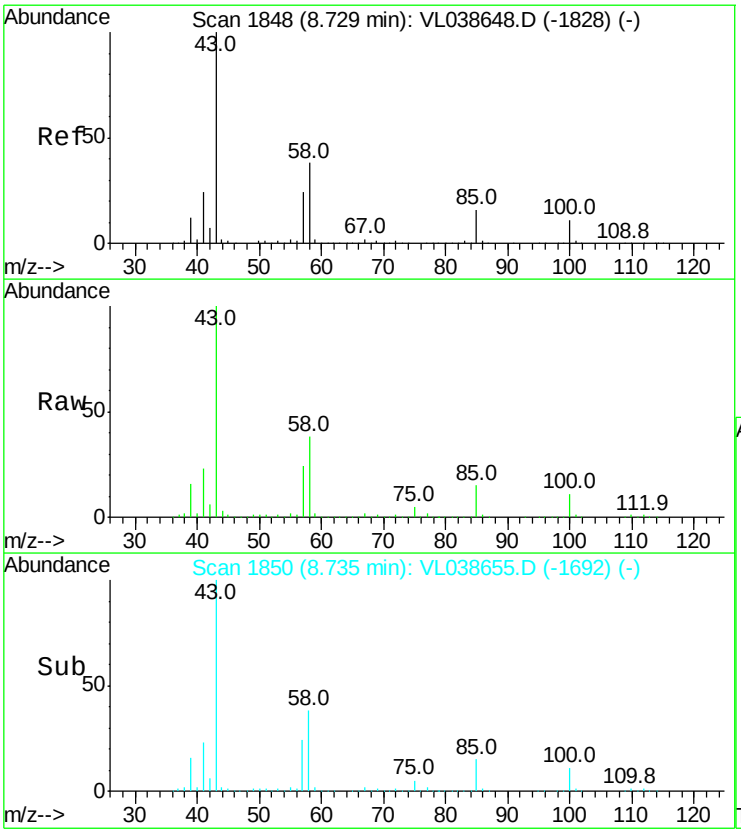
#49
Bromoform
Concen: 10.04 ppbv
RT: 13.04
Delta R.T
Lab File:
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion:173 Resp: 1091997

Ion	Ratio	Lower	Upper
173	100		
175	50.3	41.0	61.6
171	54.0	43.1	64.7

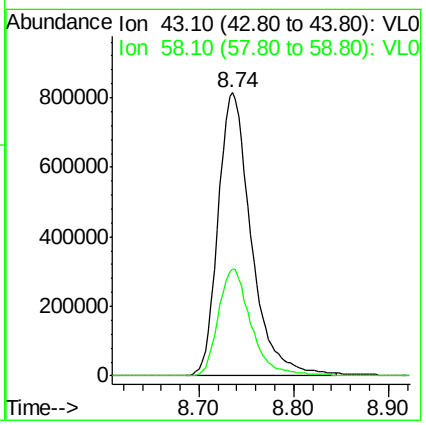


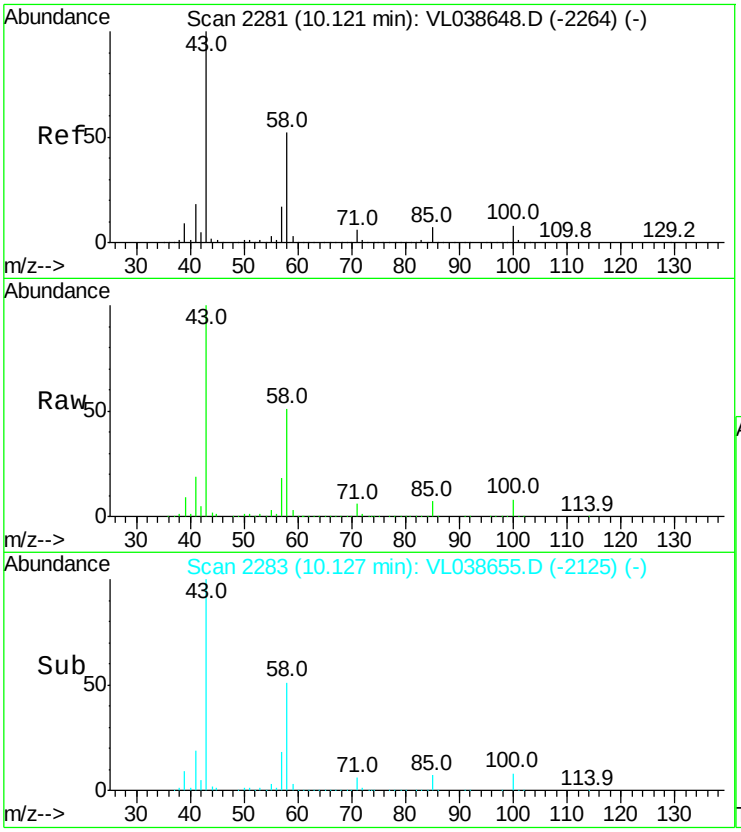


#50
4-Methyl-2-Pentanone
Concen: 10.16 ppbv
RT: 8.74 min Scan# 1850
Delta R.T. 0.01 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion: 43 Resp: 1977524

Ion	Ratio	Lower	Upper
43	100		
58	37.7	29.9	44.9



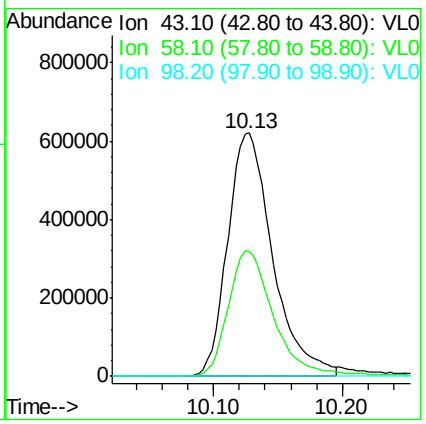


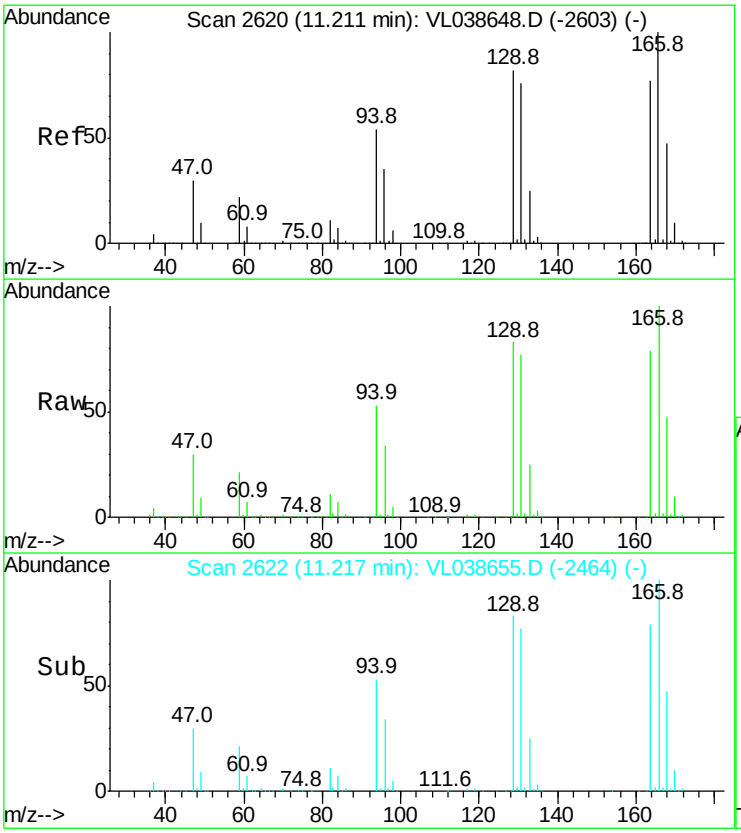
#51
2-Hexanone
Concen: 10.73 ppbv
RT: 10.13
Delta R.T
Lab File:
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion: 43 Resp: 1500042

Ion	Ratio	Lower	Upper
43	100		
58	52.9	41.2	61.8
98	0.3	0.2	0.4

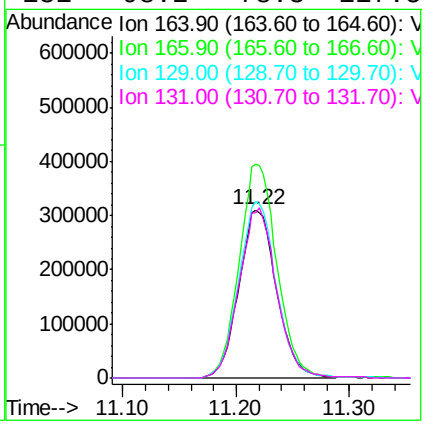


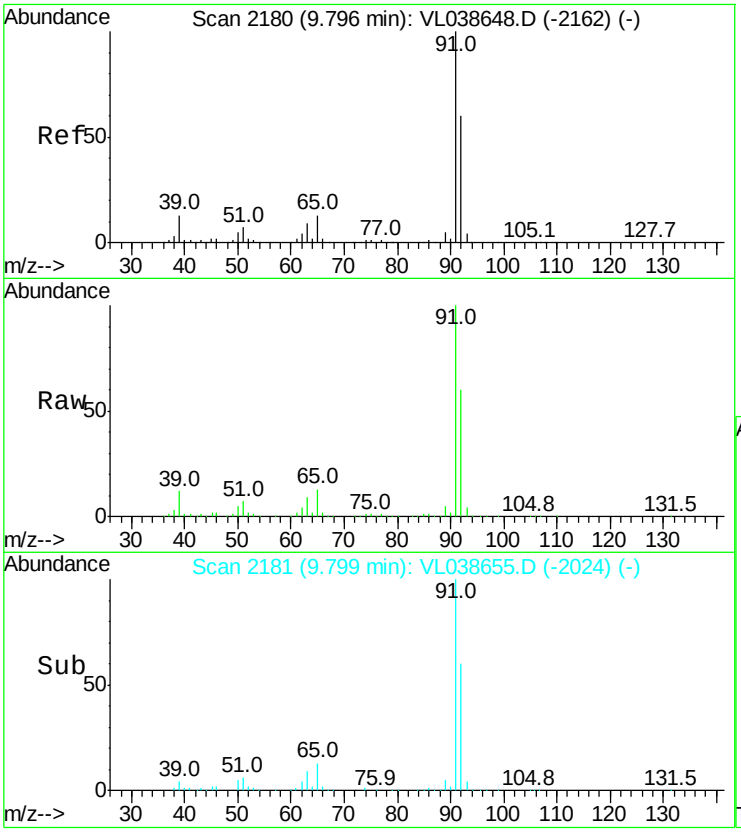


#52
Tetrachloroethene
Concen: 9.59 ppbv
RT: 11.22 min Scan# 2622
Delta R.T. 0.01 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion:164 Resp: 716392

Ion	Ratio	Lower	Upper
164	100		
166	127.1	103.3	154.9
129	105.2	85.2	127.8
131	98.2	78.3	117.5



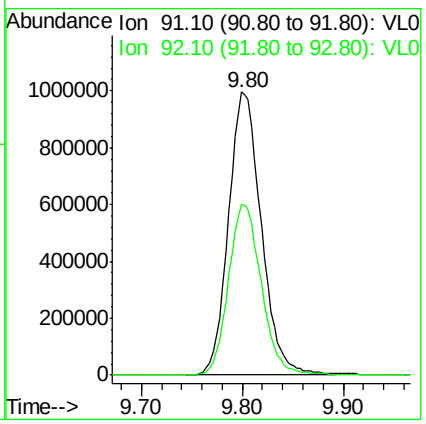


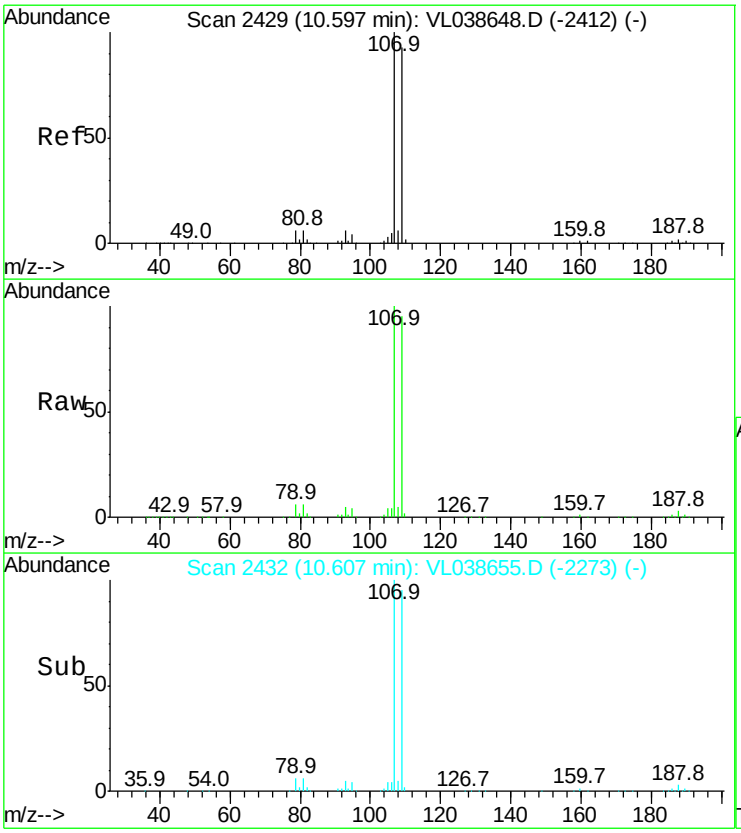
#53
Toluene
Concen: 10.27 ppbv
RT: 9.80
Delta R.T
Lab File:
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion: 91 Resp: 2252997

Ion	Ratio	Lower	Upper
91	100		
92	60.8	48.7	73.1

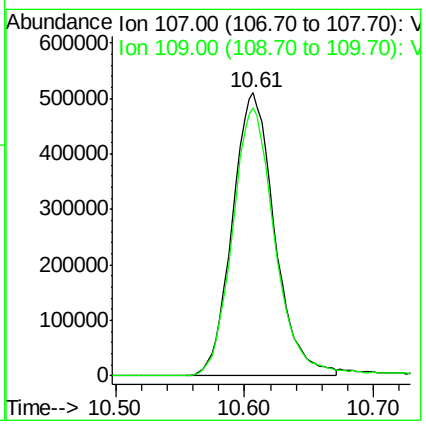


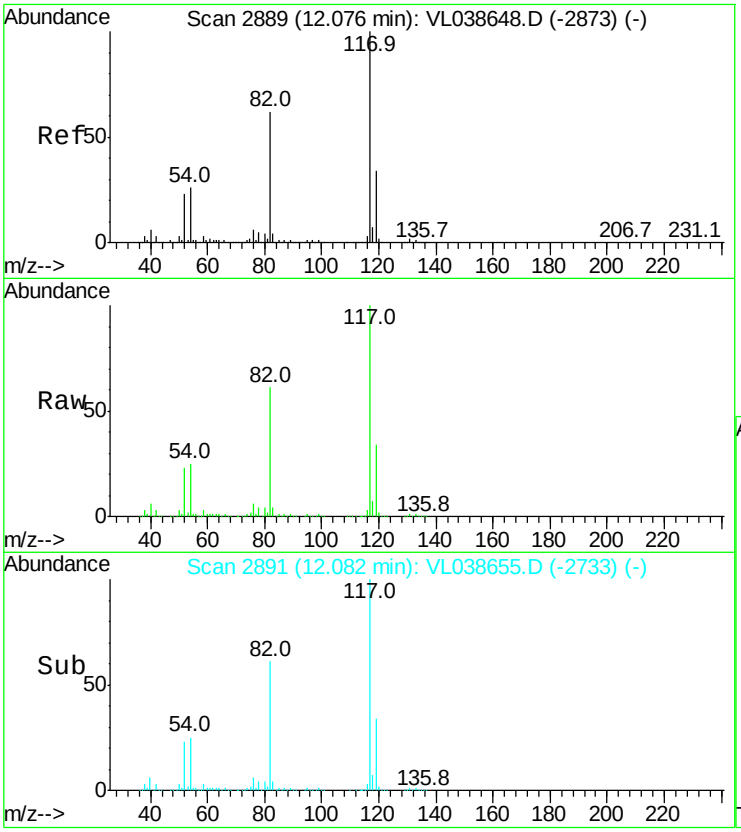


#54
1,2-Dibromoethane
Concen: 10.00 ppbv
RT: 10.61 min Scan# 2432
Delta R.T. 0.01 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion:107 Resp: 1163270

Ion	Ratio	Lower	Upper
107	100		
109	94.5	74.1	111.1



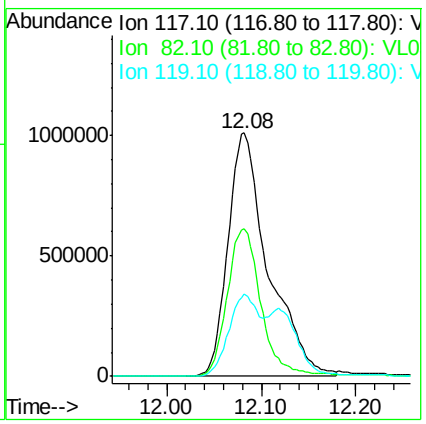


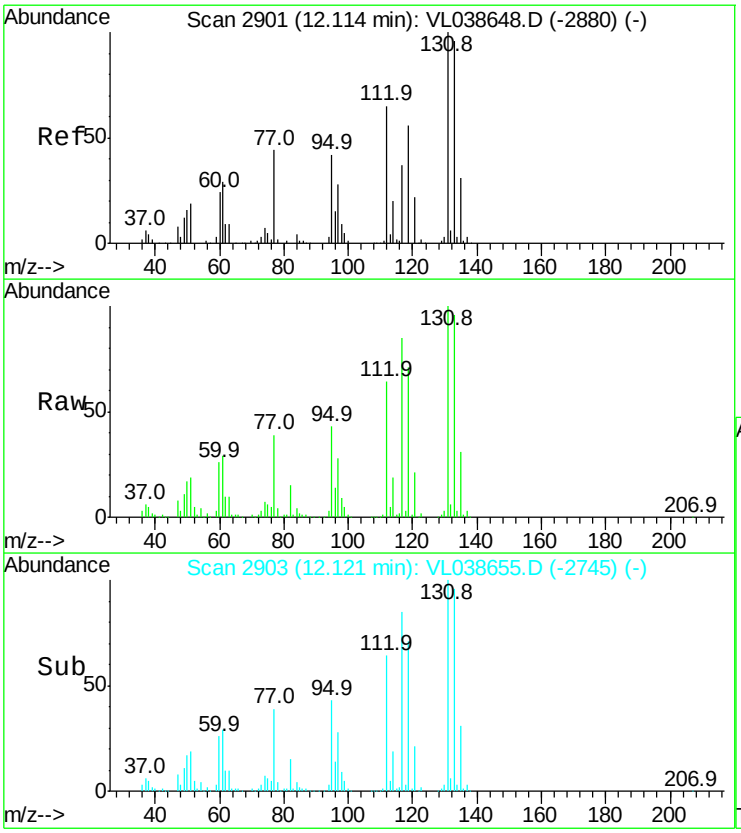
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.08
Delta R.T
Lab File:
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion:117 Resp: 2994480

Ion	Ratio	Lower	Upper
117	100		
82	52.2	51.6	77.4
119	47.1	26.9	40.3#

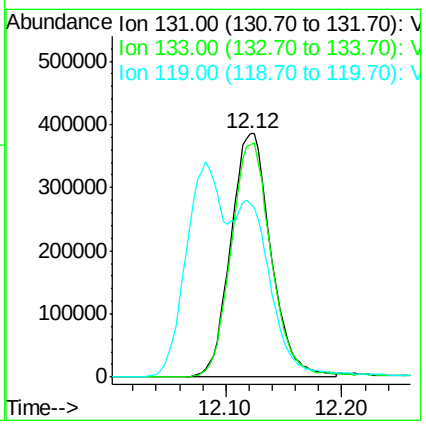


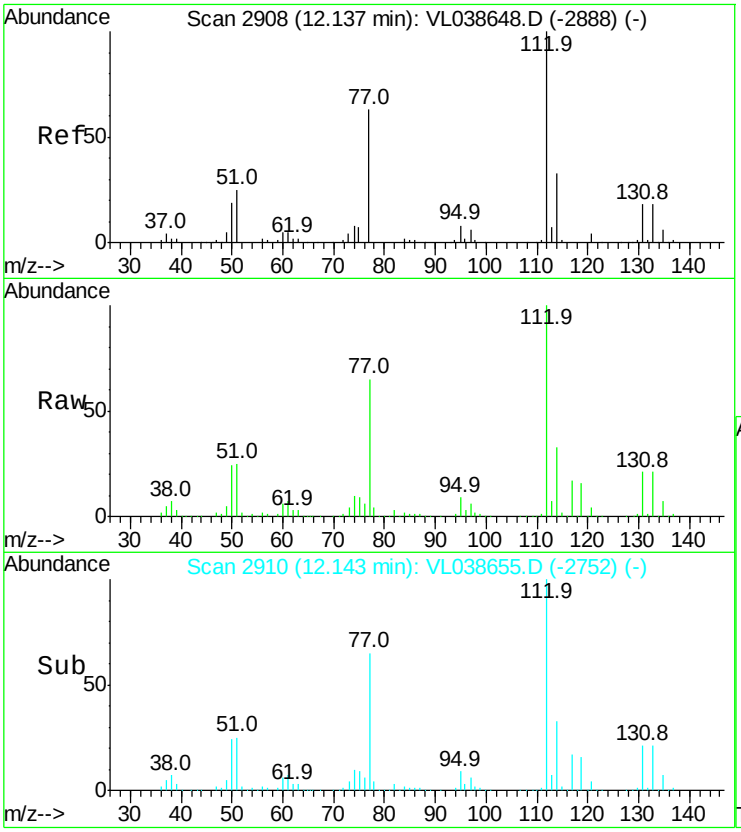


#56
1,1,1,2-Tetrachloroethane
Concen: 7.48 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. 0.01 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion:131 Resp: 928228

Ion	Ratio	Lower	Upper
131	100		
133	96.9	77.3	115.9
119	151.8	53.0	79.6#



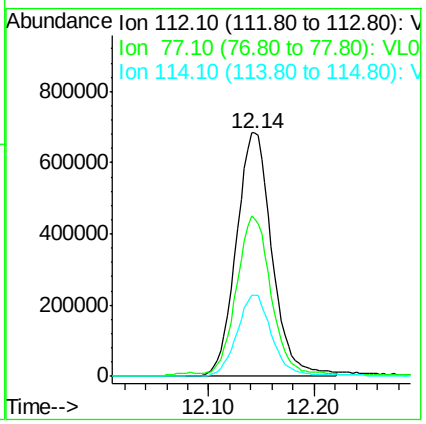


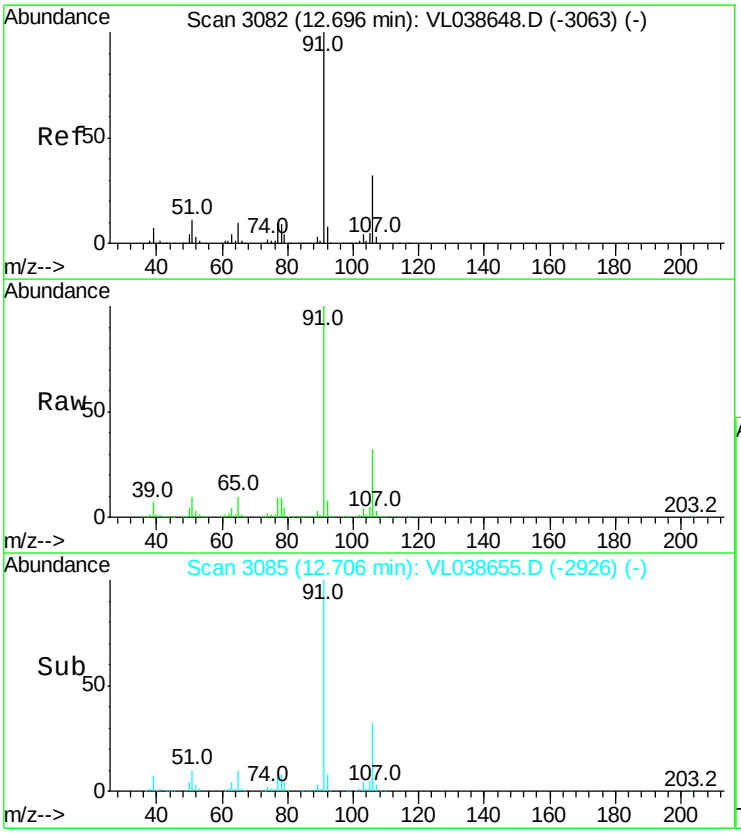
#57
Chlorobenzene
Concen: 7.47 ppbv
RT: 12.14
Delta R.T
Lab File:
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion:112 Resp: 1613066

Ion	Ratio	Lower	Upper
112	100		
77	64.0	51.0	76.6
114	33.1	29.8	36.4

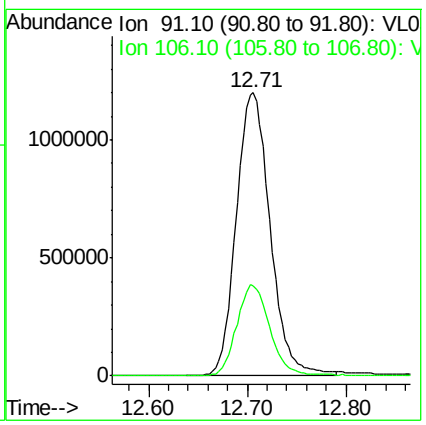


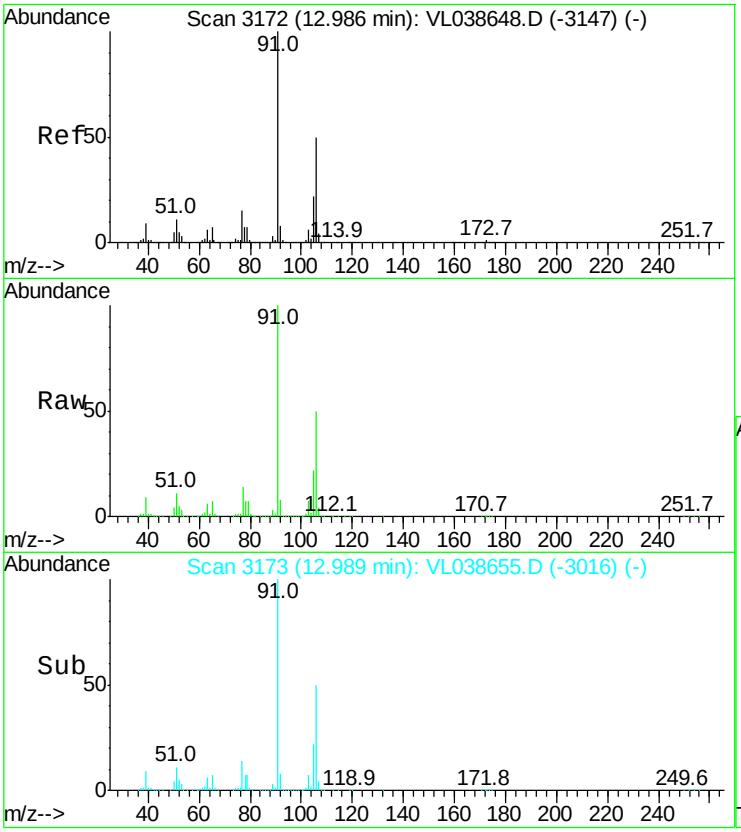


#58
Ethyl Benzene
Concen: 8.16 ppbv
RT: 12.71 min Scan# 3085
Delta R.T. 0.01 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion: 91 Resp: 2857429

Ion	Ratio	Lower	Upper
91	100		
106	31.8	25.4	38.0



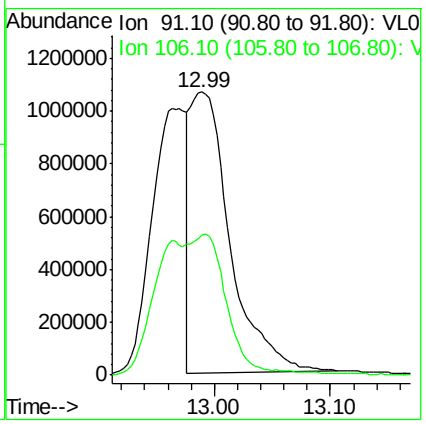


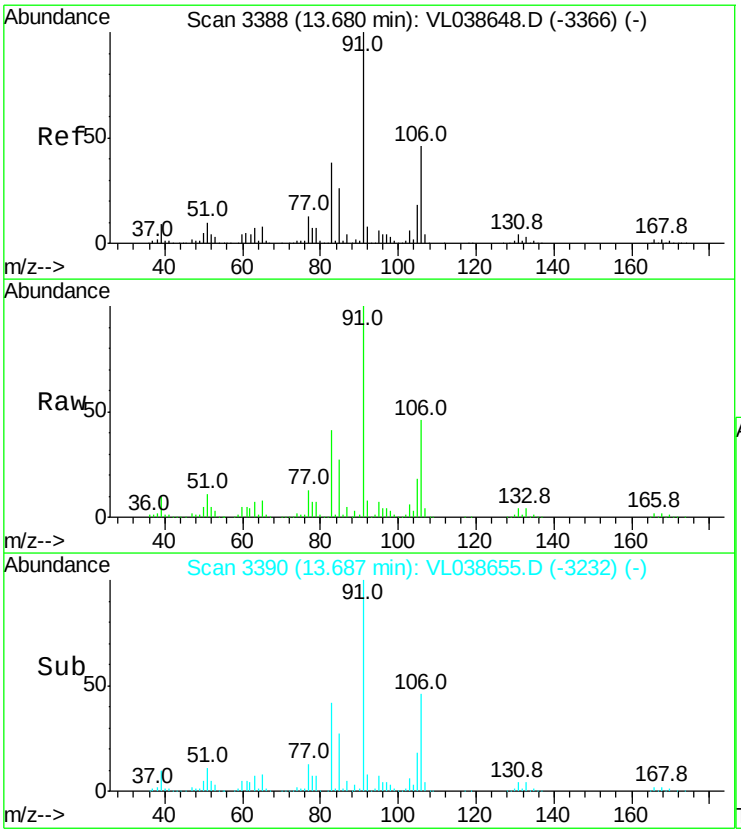
#59
m/p-Xylene
Concen: 8.21 ppbv
RT: 12.99
Delta R.T
Lab File:
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion: 91 Resp: 2512775

Ion	Ratio	Lower	Upper
91	100		
106	88.0	37.2	55.8#

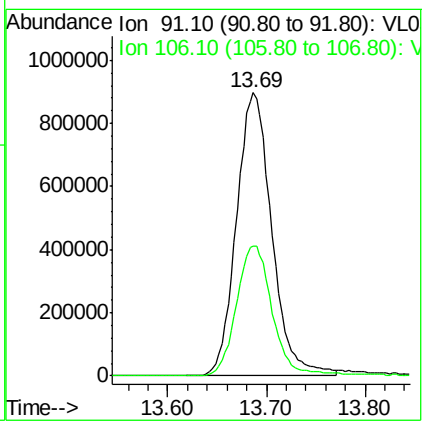


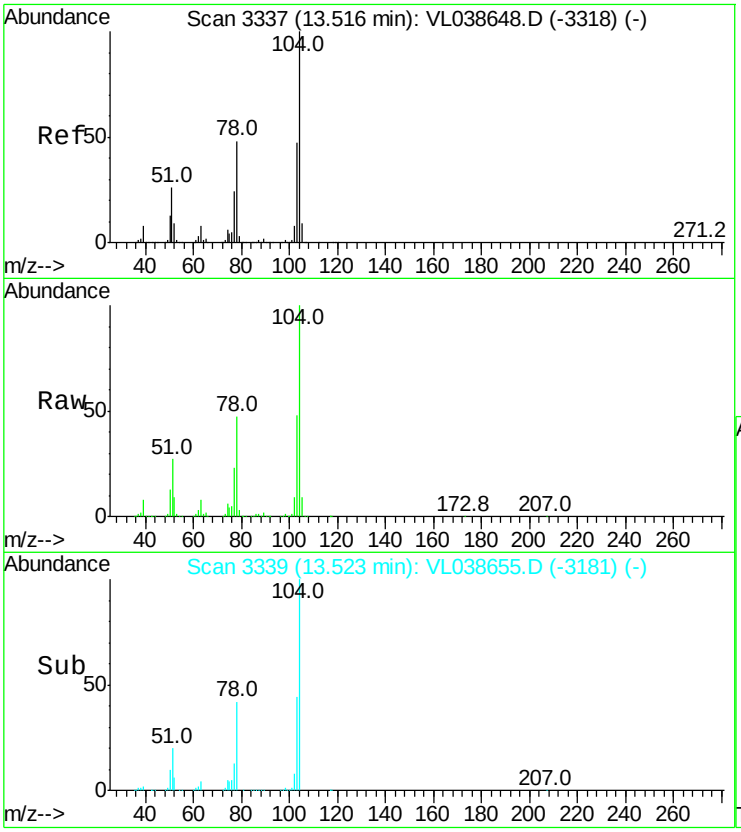


#60
o-Xylene
Concen: 7.64 ppbv
RT: 13.69 min Scan# 3390
Delta R.T. 0.01 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion: 91 Resp: 2220807

Ion	Ratio	Lower	Upper
91	100		
106	47.4	23.5	70.5



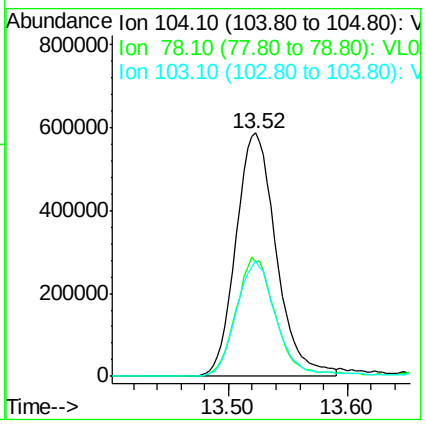


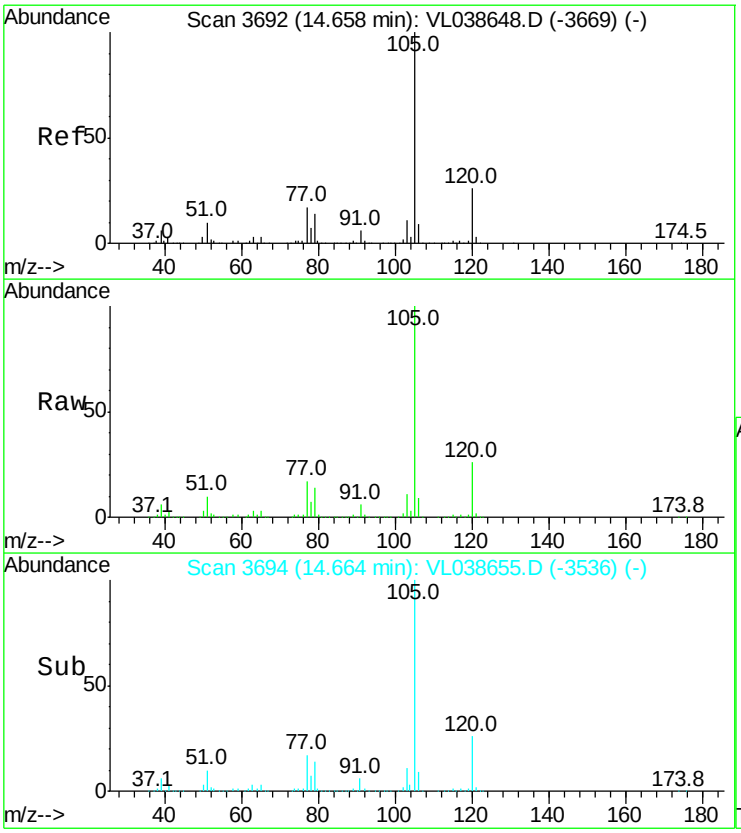
#61
Styrene
Concen: 8.75 ppbv
RT: 13.52
Delta R.T
Lab File:
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion:104 Resp: 1380327

Ion	Ratio	Lower	Upper
104	100		
78	48.5	39.0	58.4
103	47.6	37.8	56.8

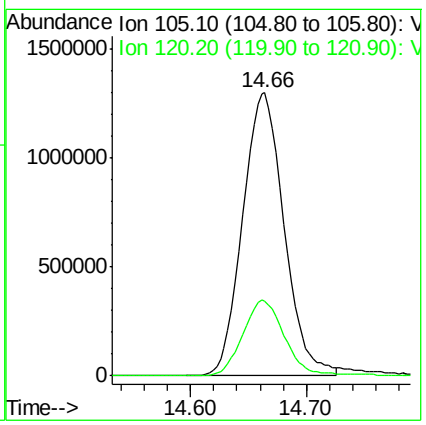


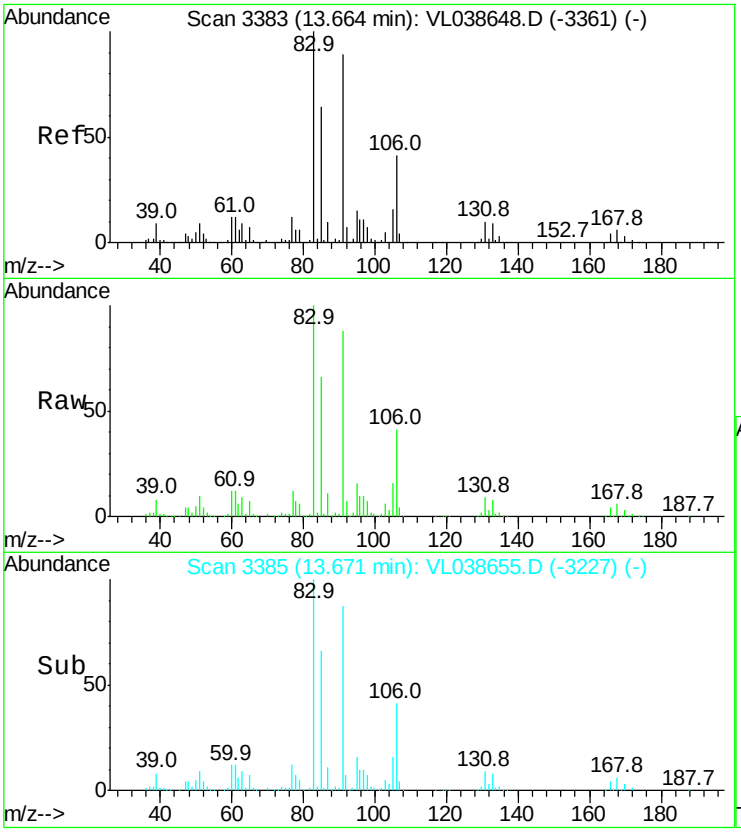


#62
Isopropylbenzene
Concen: 7.40 ppbv
RT: 14.66 min Scan# 3694
Delta R.T. 0.01 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion:105 Resp: 3234068

Ion	Ratio	Lower	Upper
105	100		
120	27.3	21.2	31.8



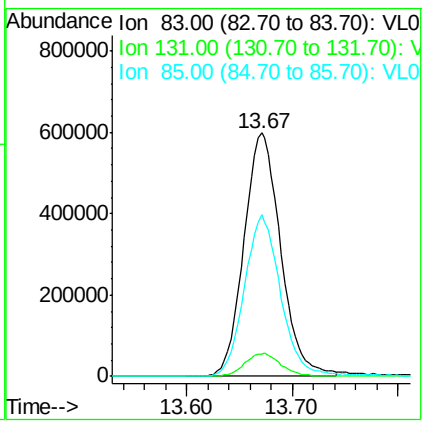


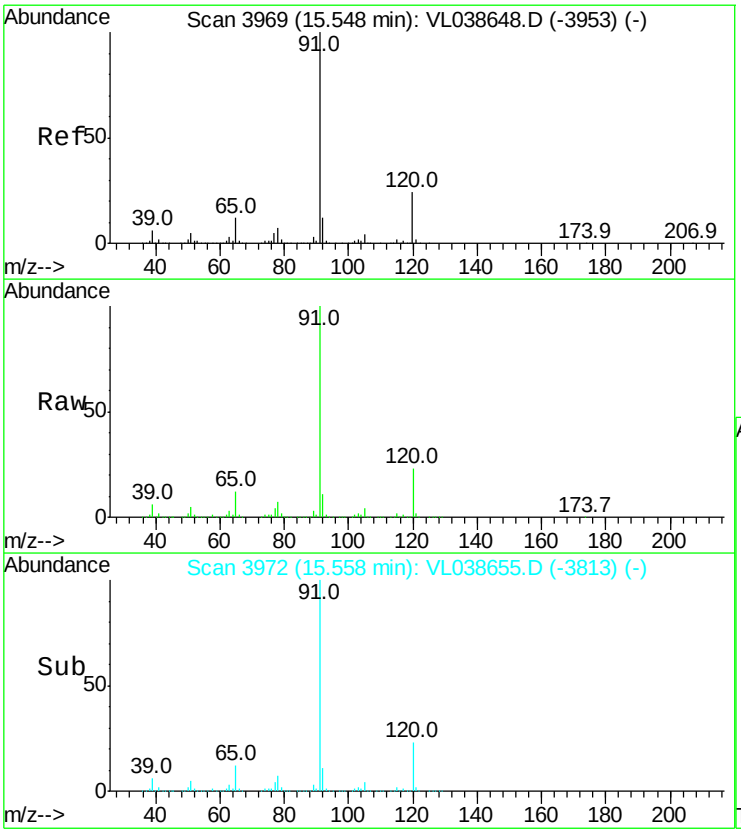
#63
1,1,2,2-Tetrachloroethane
Concen: 6.45 ppbv
RT: 13.67
Delta R.T
Lab File:
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion: 83 Resp: 1451687

Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.8	14.3
85	66.4	32.6	97.8

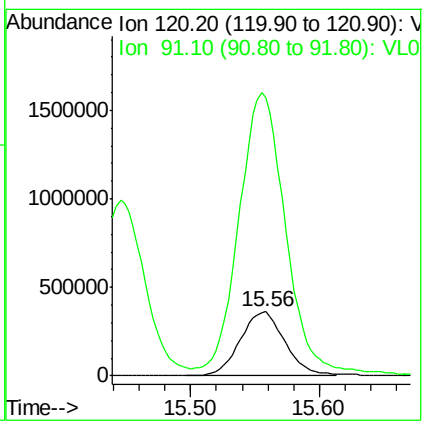


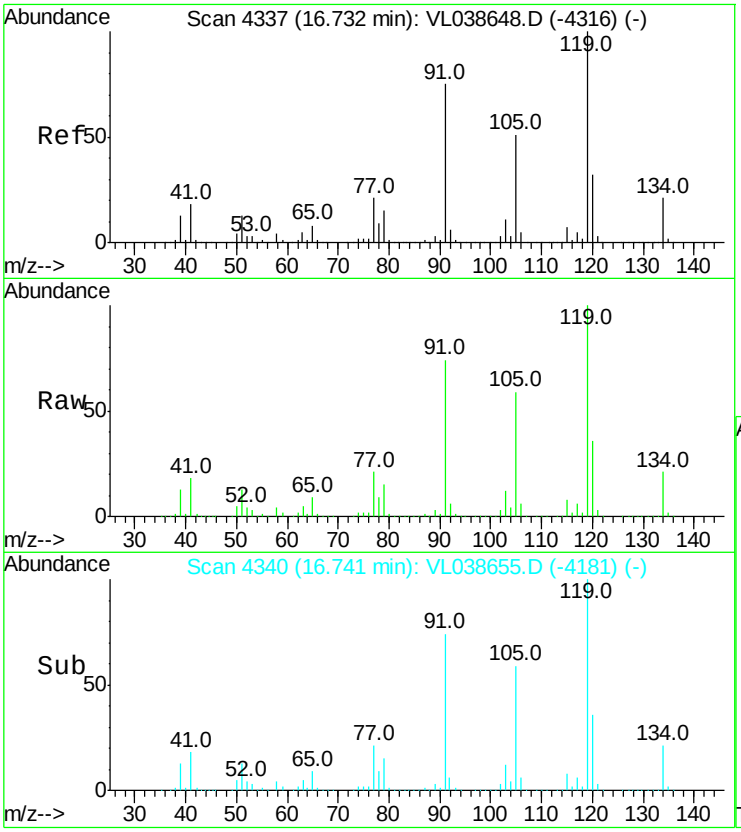


#64
n-propylbenzene
Concen: 7.61 ppbv
RT: 15.56 min Scan# 3972
Delta R.T. 0.01 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion:120 Resp: 873061

Ion	Ratio	Lower	Upper
120	100		
91	468.8	368.0	552.0



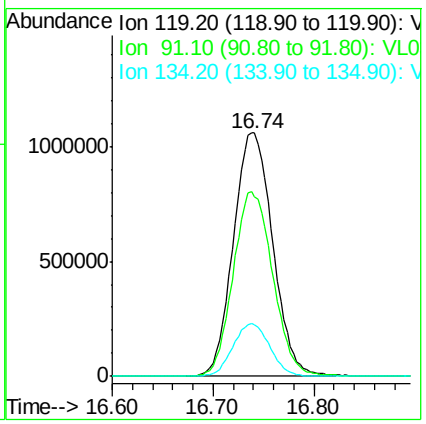


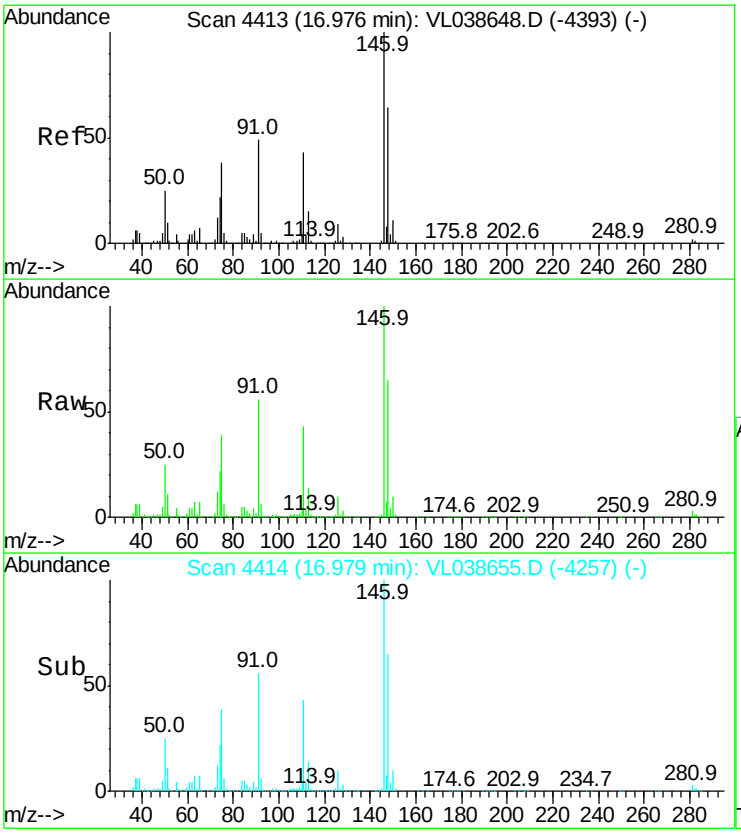
#65
tert-Butylbenzene
Concen: 7.30 ppbv
RT: 16.74
Delta R.T
Lab File:
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion:119 Resp: 2869112

Ion	Ratio	Lower	Upper
119	100		
91	76.4	61.2	91.8
134	20.4	16.3	24.5

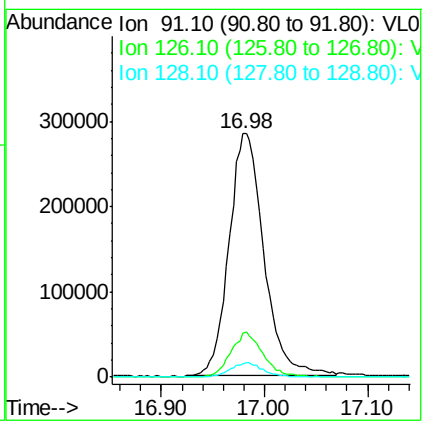


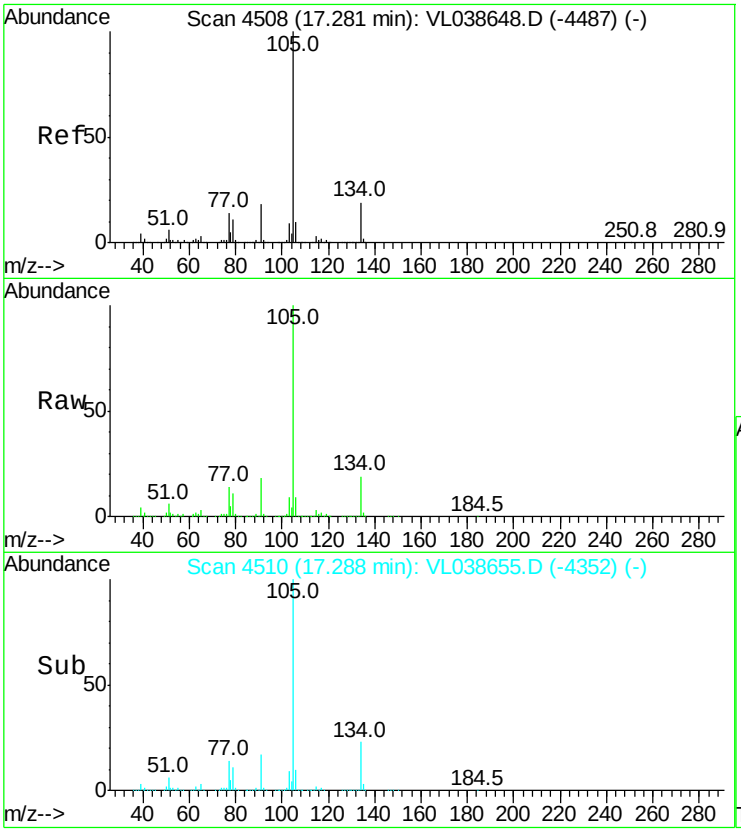


#66
Benzyl Chloride
Concen: 9.05 ppbv
RT: 16.98 min Scan# 4414
Delta R.T. 0.00 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion: 91 Resp: 673196

Ion	Ratio	Lower	Upper
91	100		
126	17.4	14.3	21.5
128	5.6	4.6	6.8



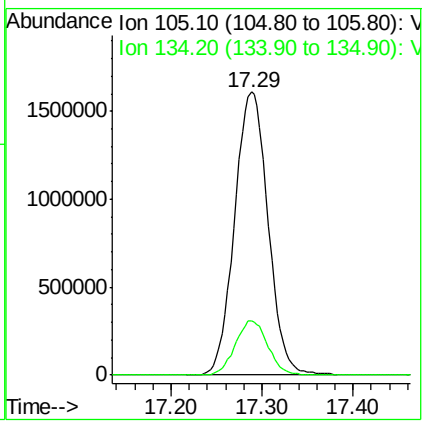


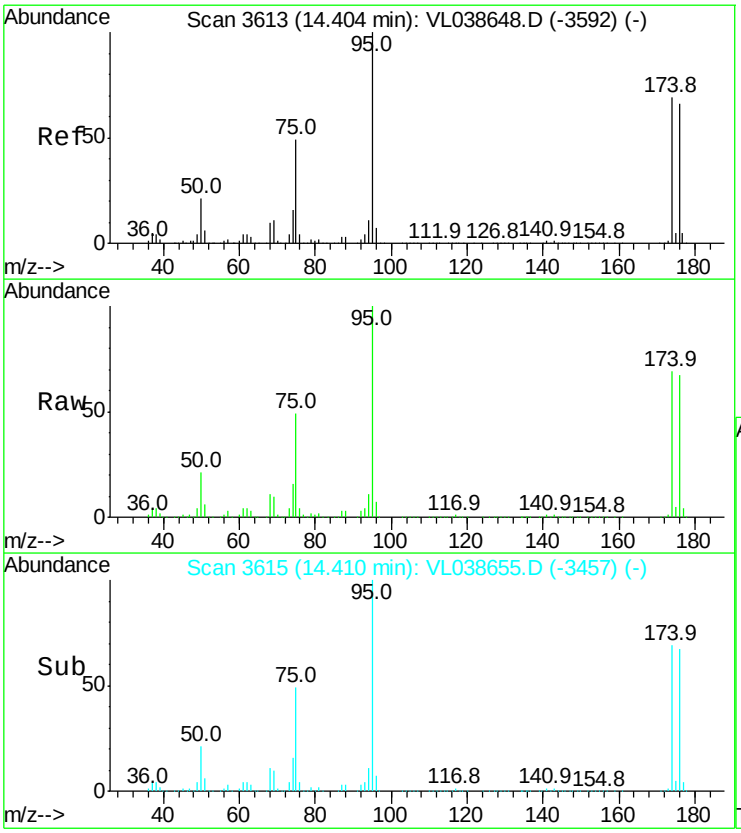
#67
sec-Butylbenzene
Concen: 7.32 ppbv
RT: 17.29
Delta R.T
Lab File:
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion:105 Resp: 4110977

Ion	Ratio	Lower	Upper
105	100		
134	18.8	15.1	22.7

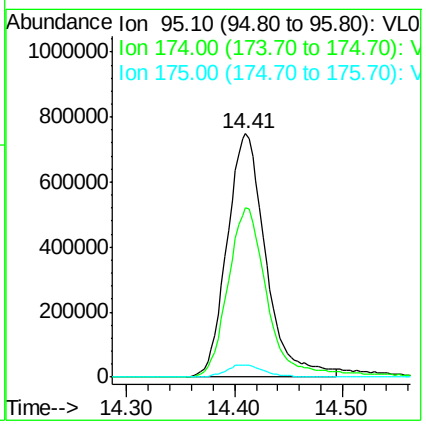


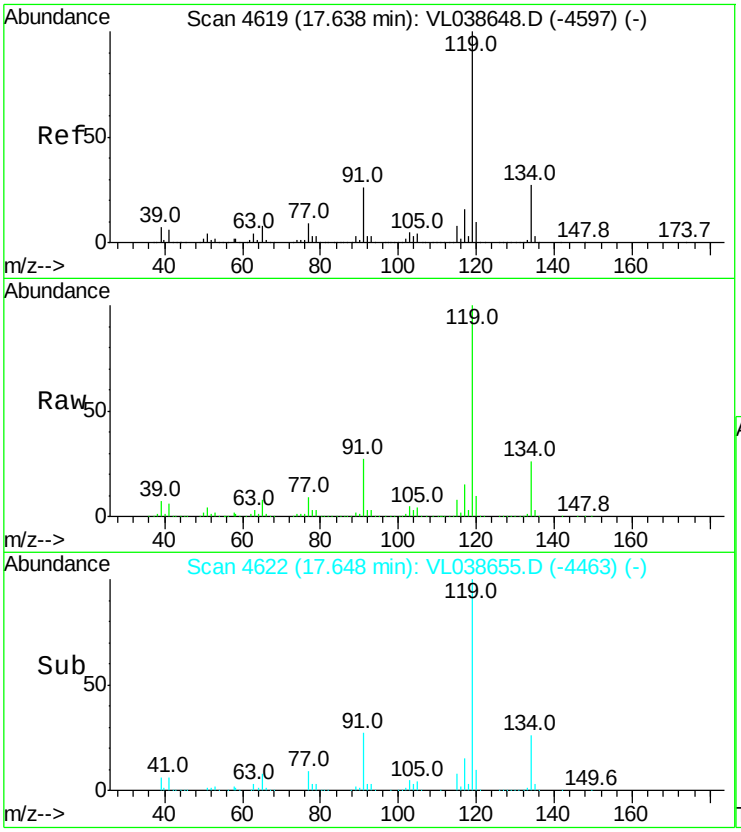


#68
1-Bromo-4-Fluorobenzene
Concen: 8.15 ppbv
RT: 14.41 min Scan# 3615
Delta R.T. 0.01 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion: 95 Resp: 1871907

Ion	Ratio	Lower	Upper
95	100		
174	71.8	56.1	84.1
175	5.3	4.2	6.2



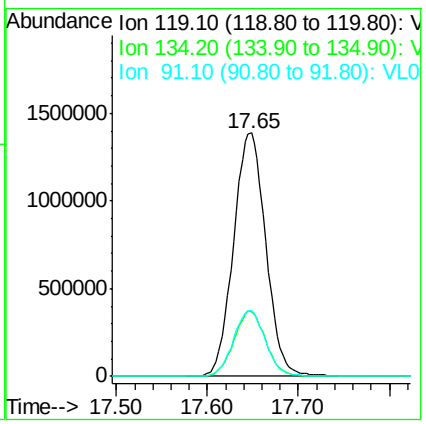


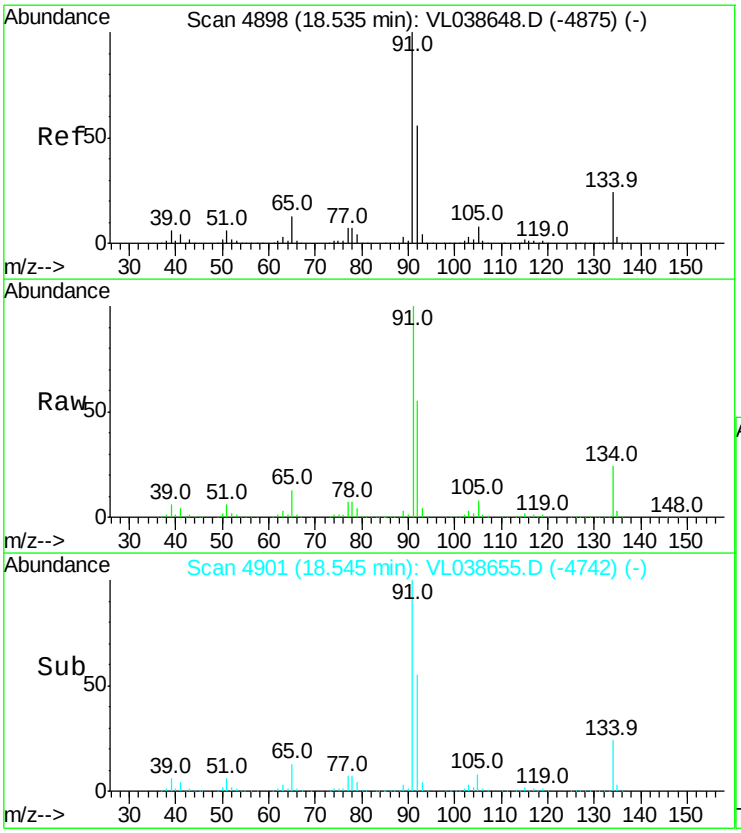
#69
p-Isopropyltoluene
Concen: 7.47 ppbv
RT: 17.65
Delta R.T
Lab File:
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion:119 Resp: 3423811

Ion	Ratio	Lower	Upper
119	100		
134	26.4	21.2	31.8
91	26.7	21.4	32.2

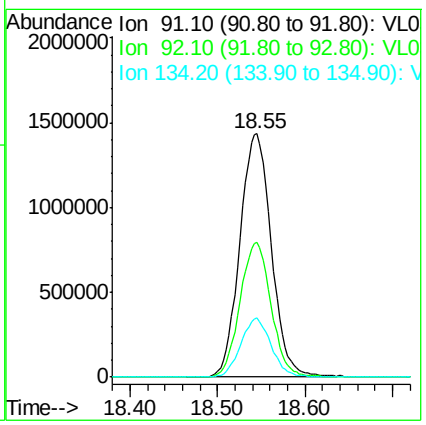


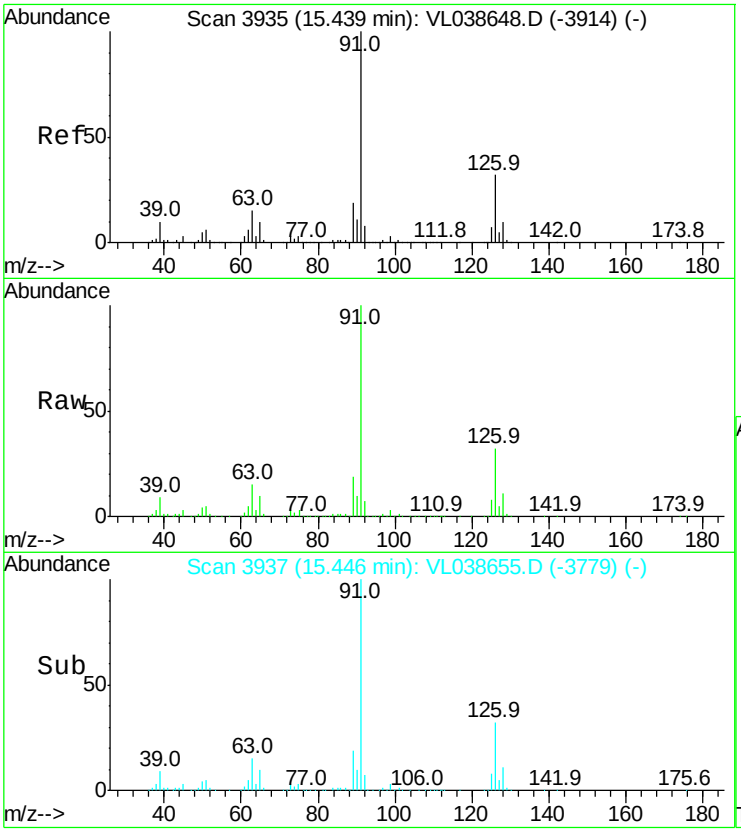


#70
n-Butylbenzene
Concen: 7.59 ppbv
RT: 18.55 min Scan# 4901
Delta R.T. 0.01 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion: 91 Resp: 3588302

Ion	Ratio	Lower	Upper
91	100		
92	54.6	43.9	65.9
134	23.5	18.7	28.1



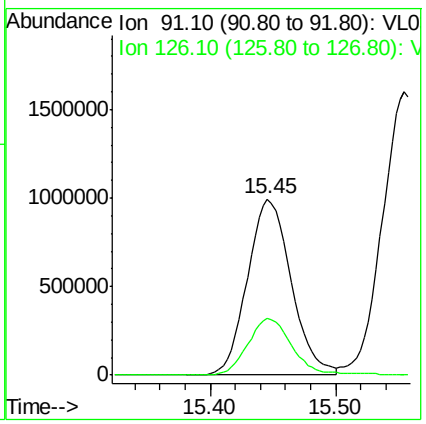


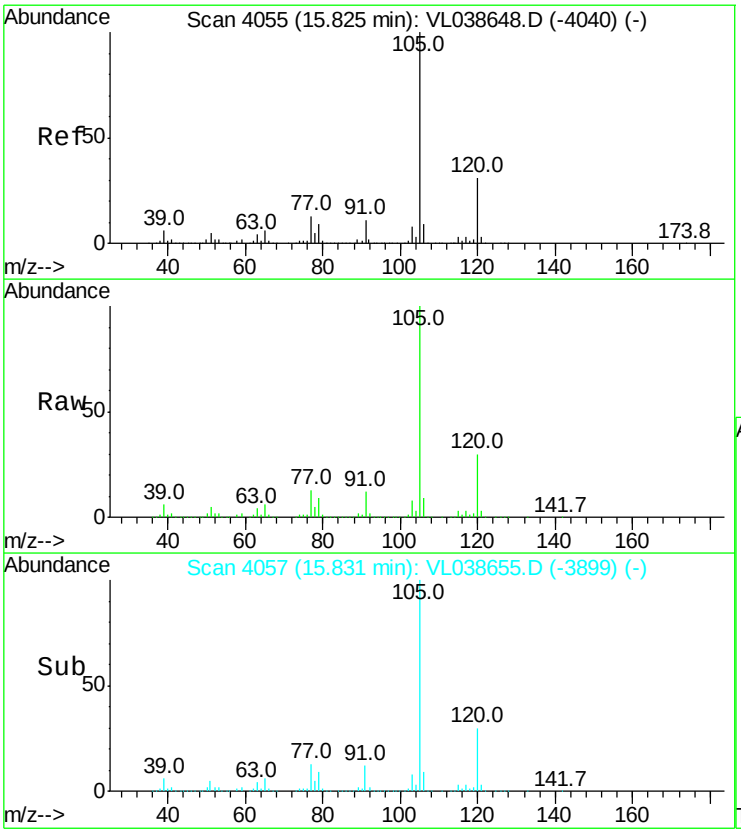
#71
2-Chlorotoluene
Concen: 7.44 ppbv
RT: 15.45
Delta R.T
Lab File:
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion: 91 Resp: 2414583

Ion	Ratio	Lower	Upper
91	100		
126	33.4	13.1	52.3

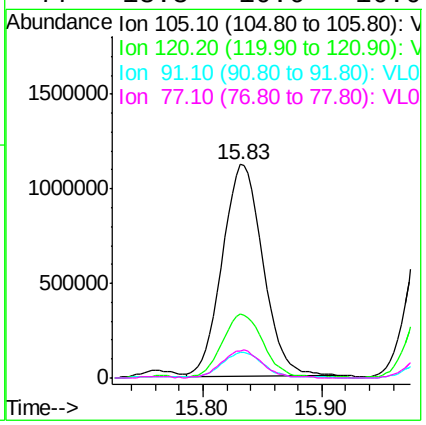


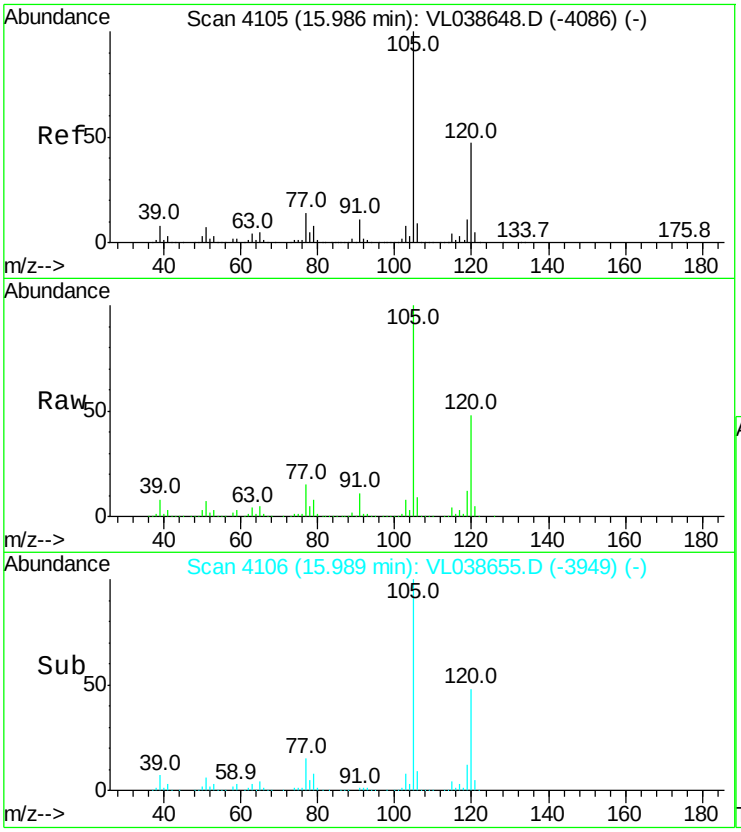


#72
4-Ethyltoluene
Concen: 7.69 ppbv
RT: 15.83 min Scan# 4057
Delta R.T. 0.01 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion:105 Resp: 2637984

Ion	Ratio	Lower	Upper
105	100		
120	31.3	24.9	37.3
91	12.1	9.8	14.6
77	13.3	10.6	16.0



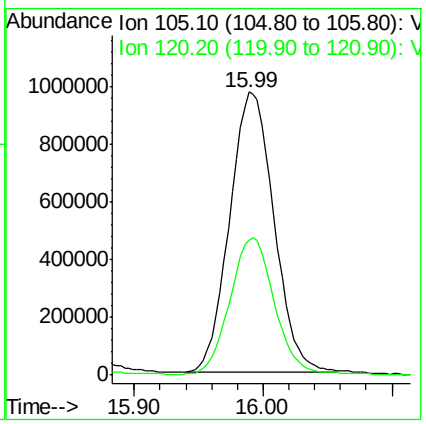


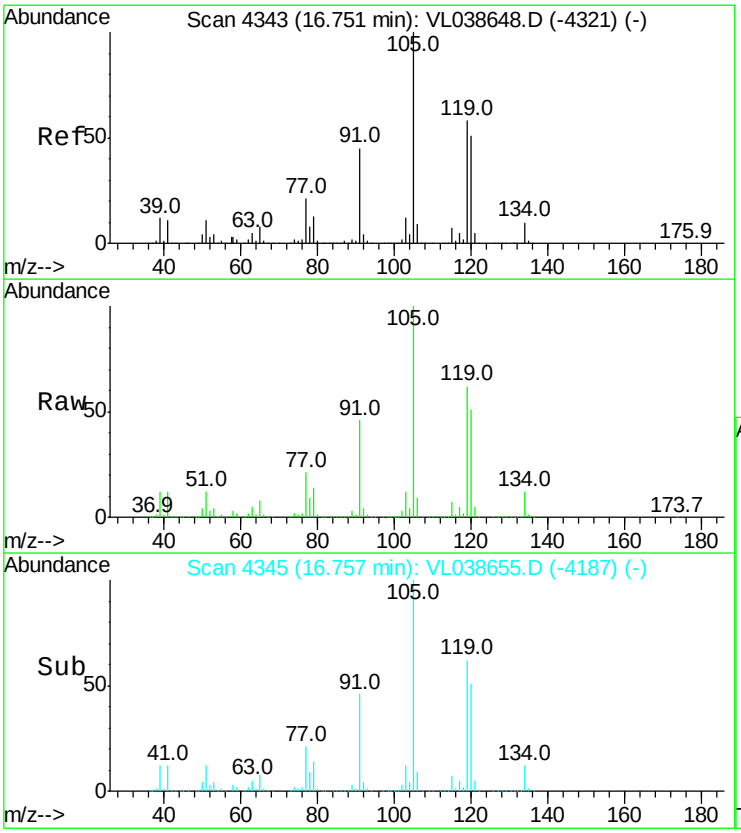
#73
1,3,5-Trimethylbenzene
Concen: 7.45 ppbv
RT: 15.99
Delta R.T
Lab File:
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion:105 Resp: 2329579

Ion	Ratio	Lower	Upper
105	100		
120	47.8	37.6	56.4

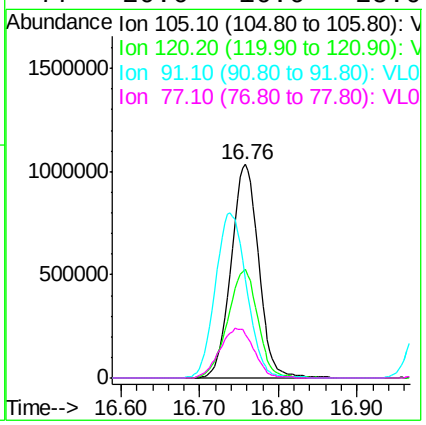


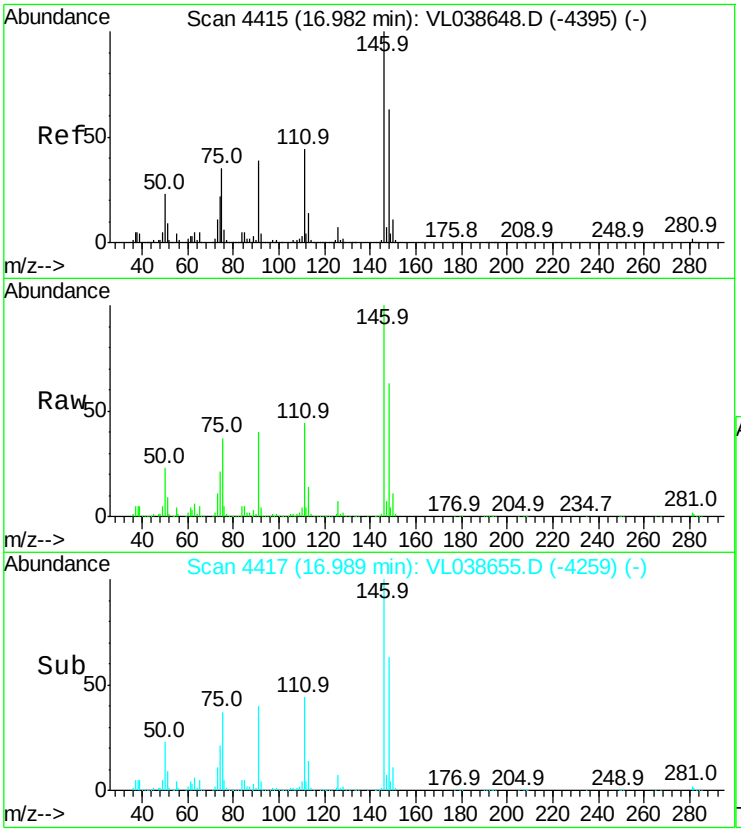


#74
1,2,4-Trimethylbenzene
Concen: 7.37 ppbv
RT: 16.76 min Scan# 4345
Delta R.T. 0.01 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion:105 Resp: 2510715

Ion	Ratio	Lower	Upper
105	100		
120	51.0	40.5	60.7
91	46.2	35.9	53.9
77	20.6	16.6	25.0



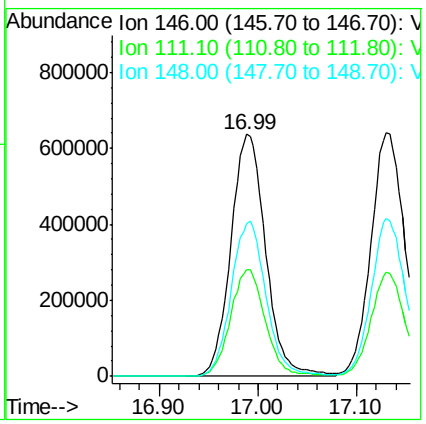


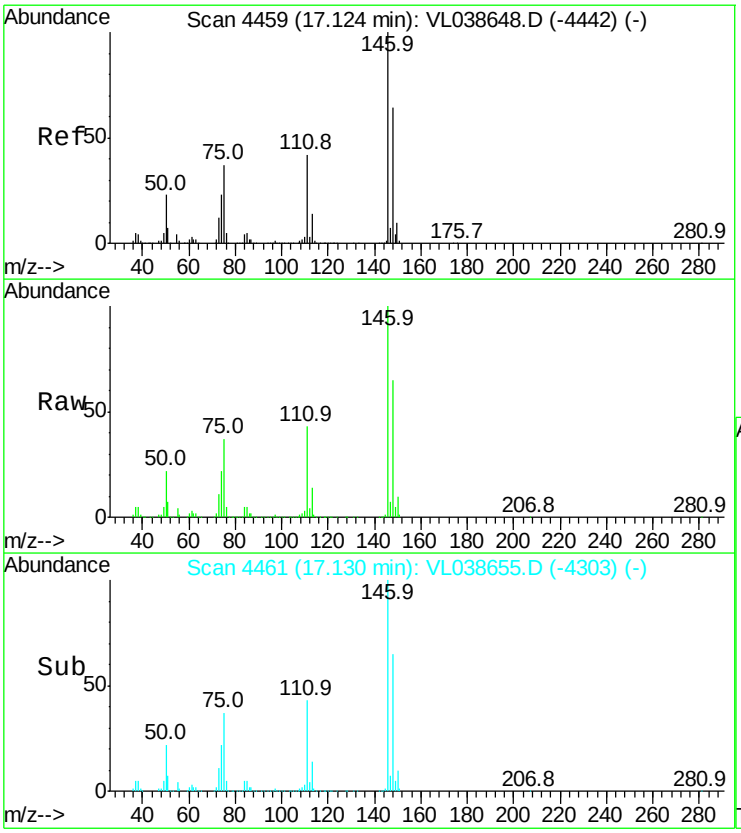
#75
1,3-Dichlorobenzene
Concen: 7.21 ppbv
RT: 16.99
Delta R.T
Lab File:
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion:146 Resp: 1563579

Ion	Ratio	Lower	Upper
146	100		
111	44.1	22.2	66.6
148	64.2	32.5	97.5

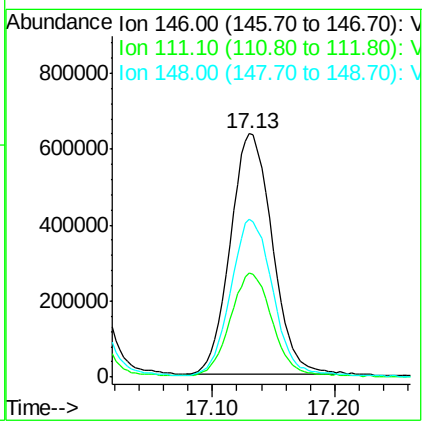


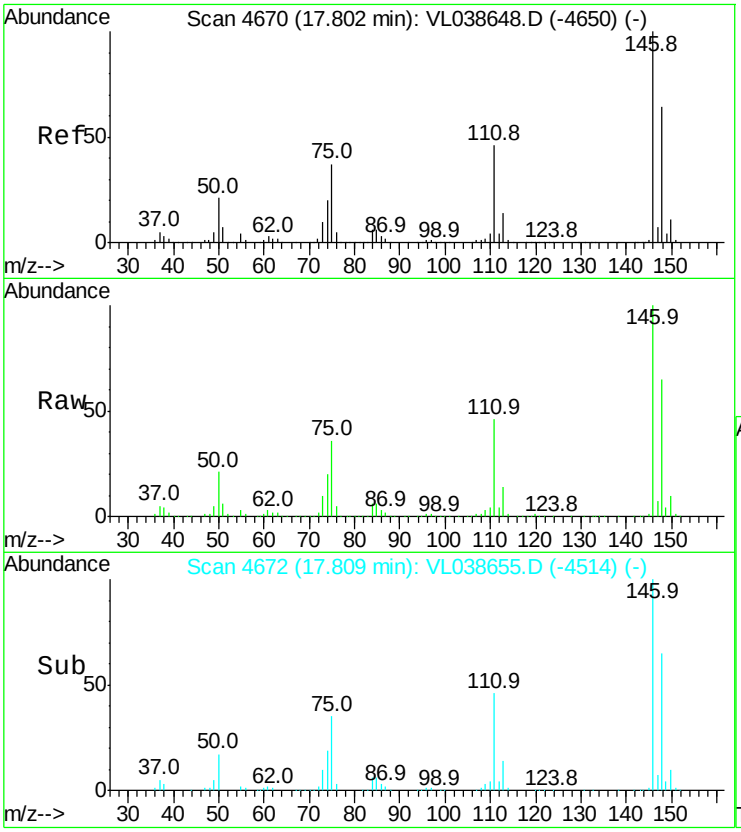


#76
1,4-Dichlorobenzene
Concen: 7.02 ppbv
RT: 17.13 min Scan# 4461
Delta R.T. 0.01 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion:146 Resp: 1515396

Ion	Ratio	Lower	Upper
146	100		
111	44.5	21.4	64.2
148	66.9	32.1	96.3



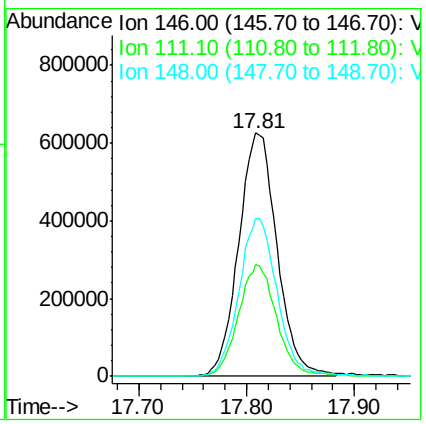


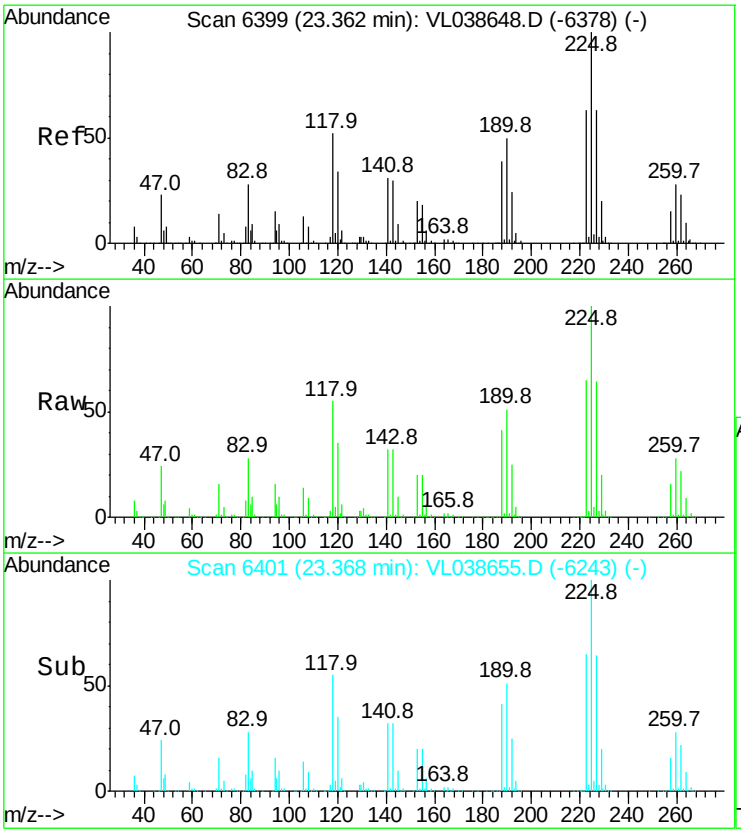
#77
1,2-Dichlorobenzene
Concen: 7.17 ppbv
RT: 17.81
Delta R.T
Lab File:
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion:146 Resp: 1541059

Ion	Ratio	Lower	Upper
146	100		
111	46.0	22.8	68.4
148	65.6	32.5	97.4

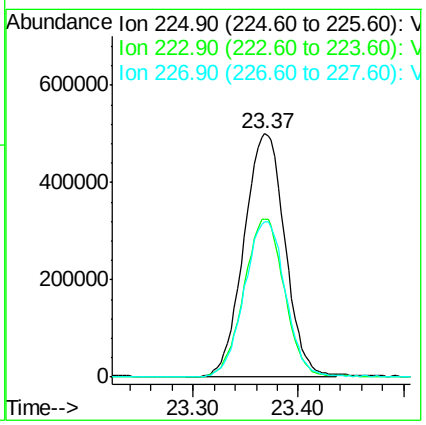


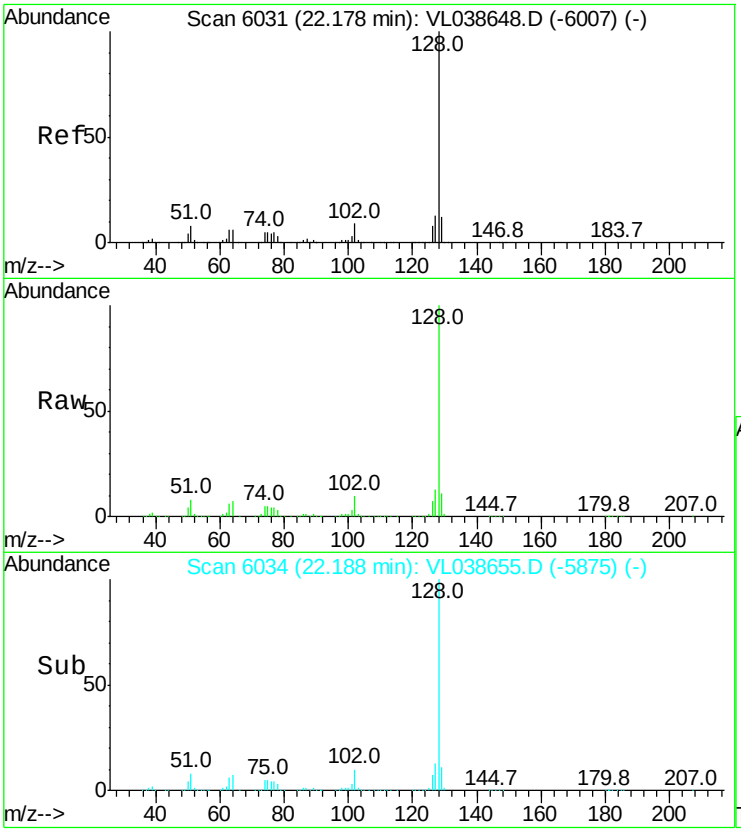


#78
Hexachloro-1,3-Butadiene
Concen: 6.81 ppbv
RT: 23.37 min Scan# 6401
Delta R.T. 0.01 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion:225 Resp: 1353375

Ion	Ratio	Lower	Upper
225	100		
223	64.4	51.0	76.6
227	64.9	51.5	77.3



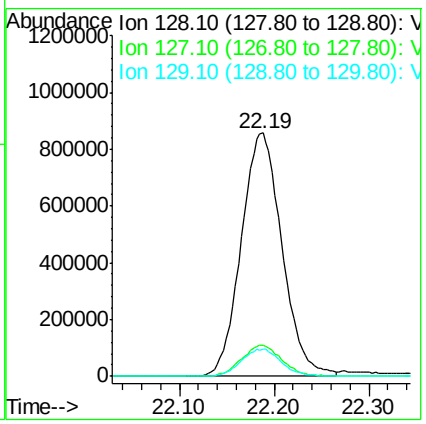


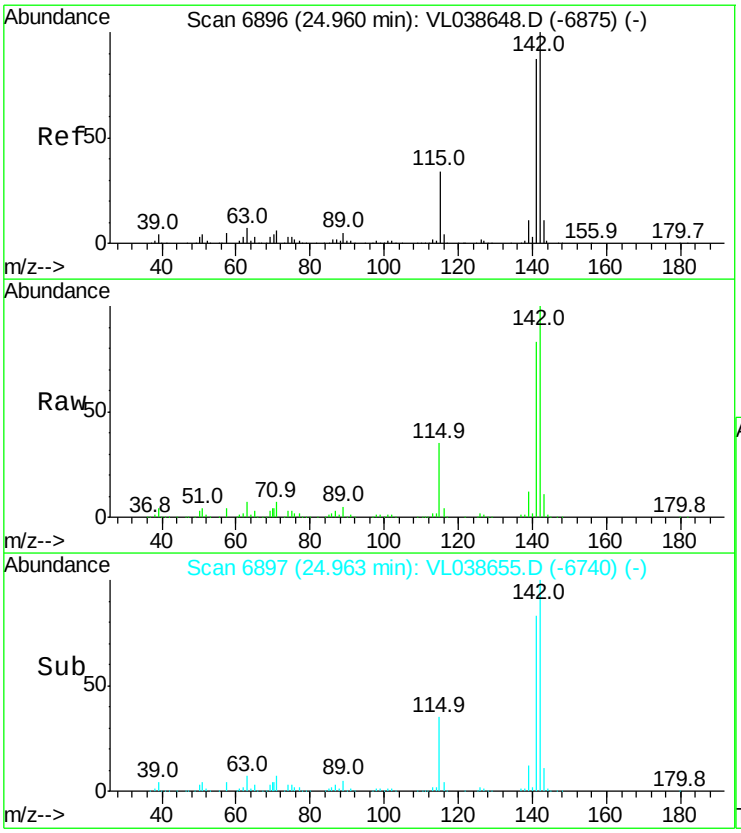
#79
Naphthalene
Concen: 9.82 ppbv
RT: 22.19
Delta R.T
Lab File:
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion:128 Resp: 2557070

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	11.0	9.2	13.8

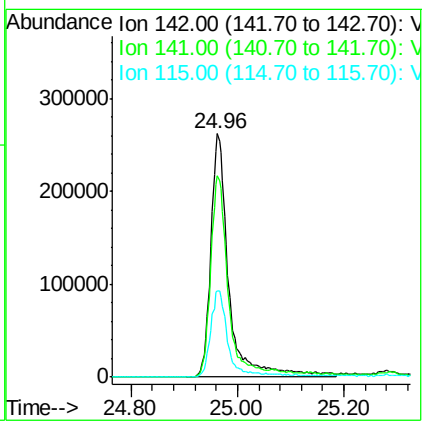


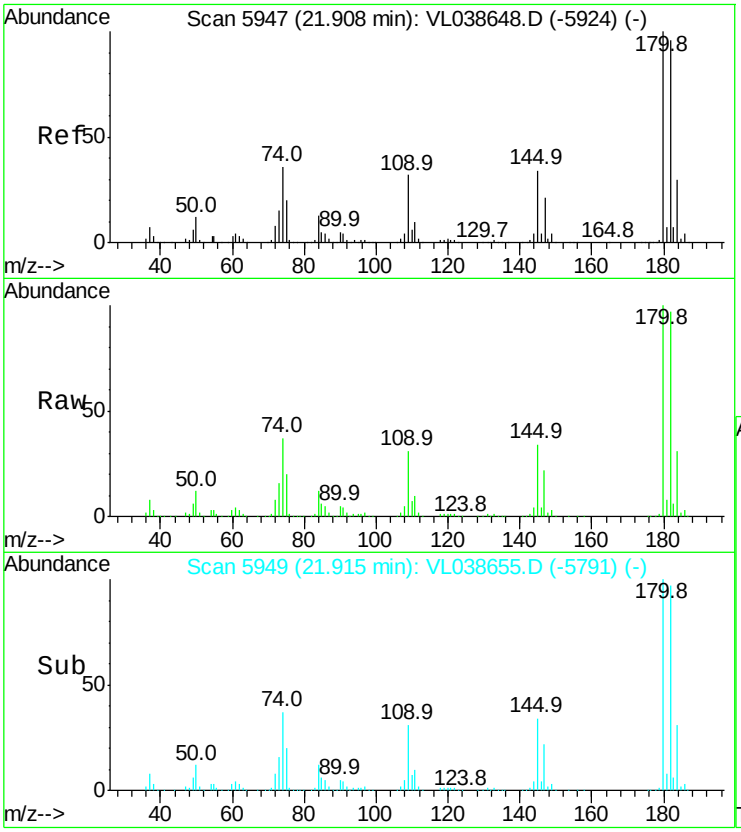


#80
Naphthalene,2-methyl-
Concen: 8.93 ppbv
RT: 24.96 min Scan# 6897
Delta R.T. 0.00 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion:142 Resp: 623393

Ion	Ratio	Lower	Upper
142	100		
141	82.2	66.4	99.6
115	35.6	27.8	41.6





#81
1,2,4-Trichlorobenzene
Concen: 8.18 ppbv
RT: 21.91
Delta R.T
Lab File:
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion:180 Resp: 1457522

Ion	Ratio	Lower	Upper
180	100		
182	99.5	79.2	118.8
184	31.6	24.8	37.2