Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032422\
Data File : VL038751.D
Acq On : 24 Mar 2022 17:05
Operator : SY/AP
Sample : VL0324ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0324ABS01

Quant Time: Mar 25 02:08:40 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	5.68	49	866100	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	2332805	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.10	117	2635141	10.00	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	1723843	8.53	ppbv	0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 85.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.06	85	1068746	9.18	ppbv	100
3) Chlorodifluoromethane	3.00	51	836593	9.15	ppbv	97
4) Chloromethane	3.15	50	448935	8.94	ppbv	97
5) Vinyl Chloride	3.27	62	476806	9.34	ppbv	99
6) Bromomethane	3.48	94	272140	10.00	ppbv	97
7) Chloroethane	3.57	64	171002	10.12	ppbv	99
8) Dichlorotetrafluoroethane	3.20	85	1165081	10.02	ppbv	99
9) Propene	3.02	41	359764	8.15	ppbv	99
10) Heptane	8.13	43	944525	8.95	ppbv	98
11) Trichlorofluoromethane	3.96	101	1115550	10.86	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.50	101	855005	10.81	ppbv	100
13) Ethanol	3.62	45	33460	6.87	ppbv	91
14) Bromoethene	3.75	108	384483	10.94	ppbv	96
15) Acetone	3.86	43	751839	10.06	ppbv	99
16) 1,3-Butadiene	3.34	39	417984	9.86	ppbv	99
17) tert-Butyl alcohol	4.29	59	756409	11.59	ppbv	100
18) 1,1-Dichloroethene	4.30	96	377237	10.62	ppbv	98
19) Isopropyl Alcohol	3.97	45	421358	10.17	ppbv	99
20) Methylene Chloride	4.36	84	311844	9.91	ppbv	96
21) Allyl Chloride	4.42	41	586938	10.91	ppbv	98
22) trans-1,2-Dichloroethene	4.90	96	418472	11.35	ppbv	97
23) Vinyl Acetate	5.08	43	848175	11.72	ppbv	99
24) 1,1-Dichloroethane	5.02	63	767243	10.77	ppbv	99
25) Ethyl Acetate	5.69	43	1736466	9.23	ppbv	99
26) Hexane	5.70	57	776861	9.22	ppbv	99
27) Carbon Disulfide	4.56	76	990636	11.99	ppbv	100
28) Methyl tert-Butyl Ether	5.04	73	730915	11.65	ppbv	99
29) Chloroform	5.76	83	1297330	9.62	ppbv	99
30) Cyclohexane	7.14	84	674490	9.21	ppbv	96
31) cis-1,2-Dichloroethene	5.56	61	785780	9.92	ppbv	100
32) 1,1,1-Trichloroethane	6.52	97	1313312	10.09	ppbv	99
34) 2-Butanone	5.25	43	860371	9.32	ppbv	97
35) Carbon Tetrachloride	7.03	117	1388698	10.26	ppbv	100
36) Benzene	6.90	78	1629179	9.05	ppbv	99
37) 1,2-Dichloroethane	6.32	62	912197	9.96	ppbv	98
38) Trichloroethene	7.84	130	729582	9.67	ppbv	99
39) 1,2-Dichloropropane	7.62	63	610843	8.68	ppbv	96
40) 1,4-Dioxane	7.84	88	213152	8.72	ppbv #	1
41) Tetrahydrofuran	6.06	42	598825	8.71	ppbv	95
42) Bromodichloromethane	7.80	83	1407537	10.25	ppbv	100
43) Methyl Methacrylate	8.02	69	659366	9.86	ppbv	96

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032422\
Data File : VL038751.D
Acq On : 24 Mar 2022 17:05
Operator : SY/AP
Sample : VL0324ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0324ABS01

Quant Time: Mar 25 02:08:40 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	7.88	57	2635177	8.72	ppbv		99
45) t-1,3-Dichloropropene	9.29	75	773991	11.39	ppbv		99
46) cis-1,3-Dichloropropene	8.71	75	958052	10.42	ppbv		99
47) 1,1,2-Trichloroethane	9.48	97	660054	8.78	ppbv		98
48) Dibromochloromethane	10.31	129	1207357	10.26	ppbv		99
49) Bromoform	13.05	173	975766	10.17	ppbv		99
50) 4-Methyl-2-Pentanone	8.75	43	1557323	9.07	ppbv		98
51) 2-Hexanone	10.14	43	1181792	9.58	ppbv	#	99
52) Tetrachloroethene	11.23	164	594621	9.03	ppbv		97
53) Toluene	9.82	91	1864005	9.64	ppbv		98
54) 1,2-Dibromoethane	10.62	107	983776	9.59	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.14	131	835854	7.65	ppbv	#	58
57) Chlorobenzene	12.16	112	1373050	7.22	ppbv		97
58) Ethyl Benzene	12.72	91	2393504	7.77	ppbv		100
59) m/p-Xylene	13.01	91	2260821	8.39	ppbv	#	47
60) o-Xylene	13.70	91	1940540	7.58	ppbv		100
61) Styrene	13.54	104	1138448	8.20	ppbv		97
62) Isopropylbenzene	14.68	105	2824638	7.34	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.68	83	1248069	6.30	ppbv		99
64) n-propylbenzene	15.57	120	750438	7.43	ppbv		97
65) tert-Butylbenzene	16.75	119	2542411	7.36	ppbv		98
66) Benzyl Chloride	17.00	91	650136	9.93	ppbv		100
67) sec-Butylbenzene	17.30	105	3615983	7.32	ppbv		100
69) p-Isopropyltoluene	17.66	119	3009084	7.46	ppbv		99
70) n-Butylbenzene	18.56	91	3150795	7.57	ppbv		99
71) 2-Chlorotoluene	15.46	91	2100492	7.36	ppbv		100
72) 4-Ethyltoluene	15.84	105	2306167	7.64	ppbv		100
73) 1,3,5-Trimethylbenzene	16.00	105	2055826	7.47	ppbv		99
74) 1,2,4-Trimethylbenzene	16.77	105	2240779	7.47	ppbv		95
75) 1,3-Dichlorobenzene	17.00	146	1356948	7.11	ppbv		99
76) 1,4-Dichlorobenzene	17.15	146	1326309	6.98	ppbv		98
77) 1,2-Dichlorobenzene	17.82	146	1333937	7.05	ppbv		99
78) Hexachloro-1,3-Butadiene	23.38	225	1235089	7.06	ppbv		99
79) Naphthalene	22.20	128	2223131	9.71	ppbv		99
80) Naphthalene,2-methyl-	24.98	142	438102	7.13	ppbv		98
81) 1,2,4-Trichlorobenzene	21.93	180	1275925	8.14	ppbv		100

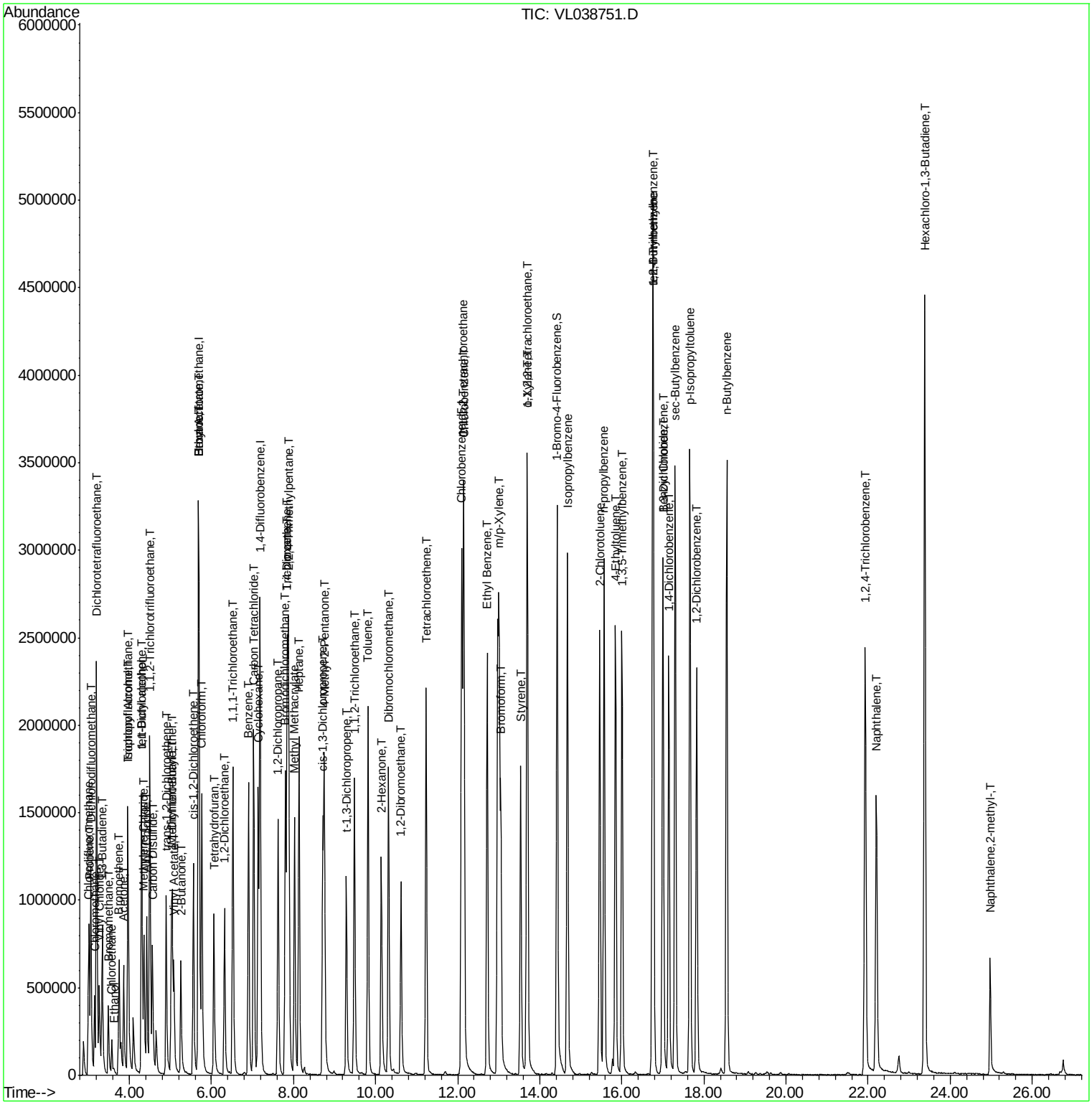
(#) = qualifier out of range (m) = manual integration (+) = signals summed

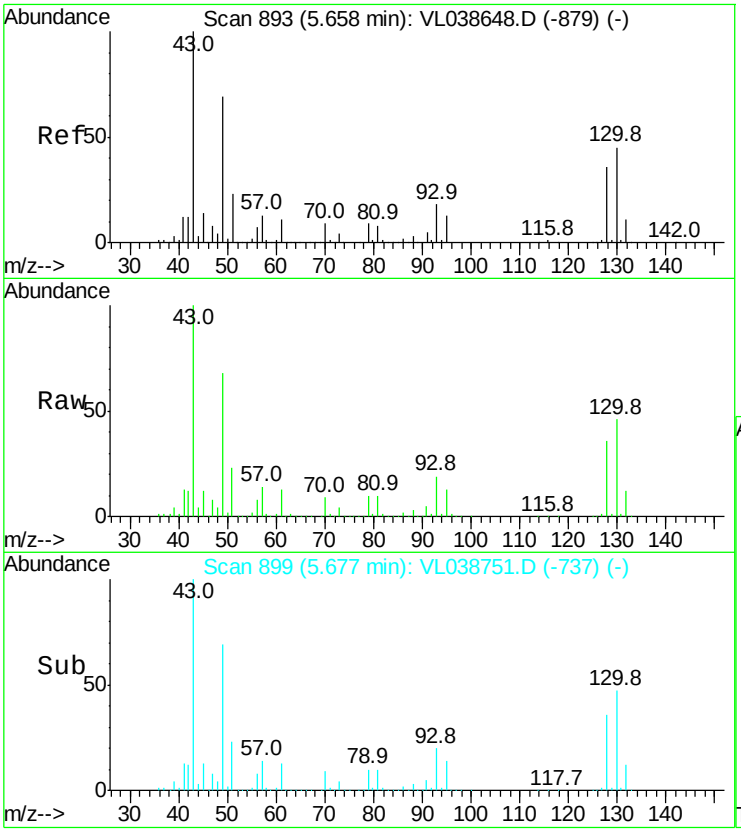
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032422\
Data File : VL038751.D
Acq On : 24 Mar 2022 17:05
Operator : SY/AP
Sample : VL0324ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0324ABS01

Quant Time: Mar 25 02:08:40 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



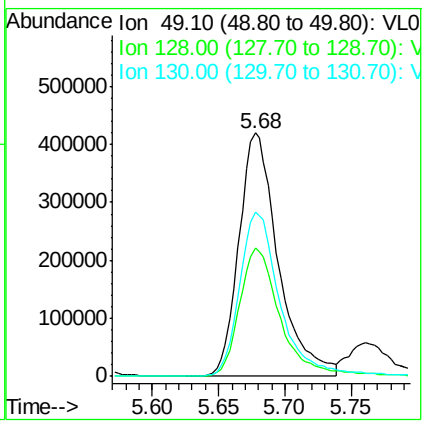


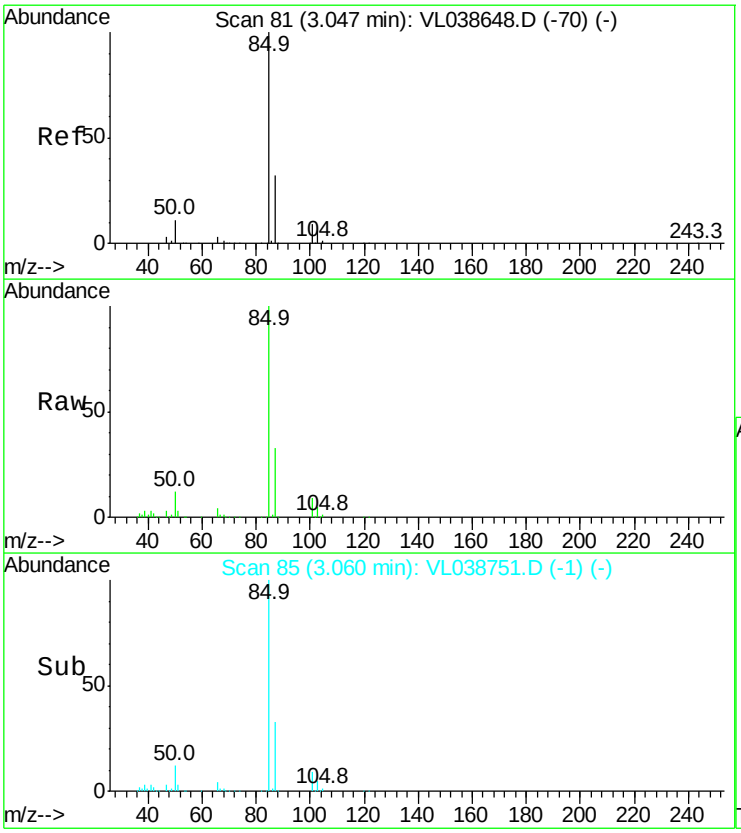
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 24 Mar 2022 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0324ABS01

Tgt Ion: 49 Resp: 866100

Ion	Ratio	Lower	Upper
49	100		
128	55.1	26.2	78.6
130	70.8	33.7	101.1

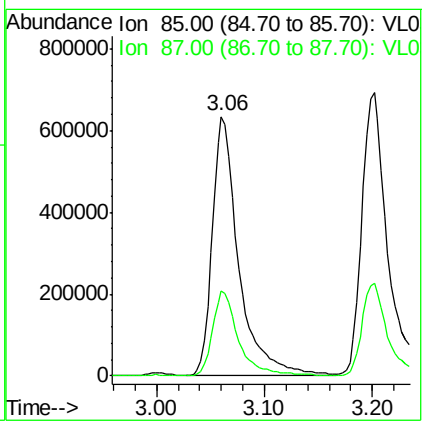


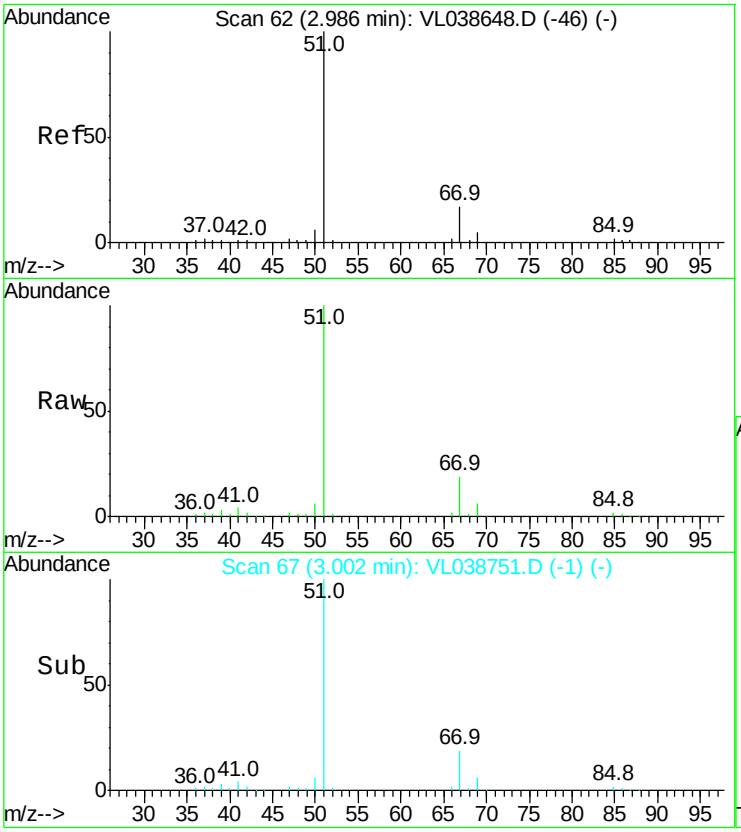


#2
Dichlorodifluoromethane
Concen: 9.18 ppbv
RT: 3.06 min Scan# 85
Delta R.T. 0.01 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion: 85 Resp: 1068746

Ion	Ratio	Lower	Upper
85	100		
87	32.6	26.0	39.0



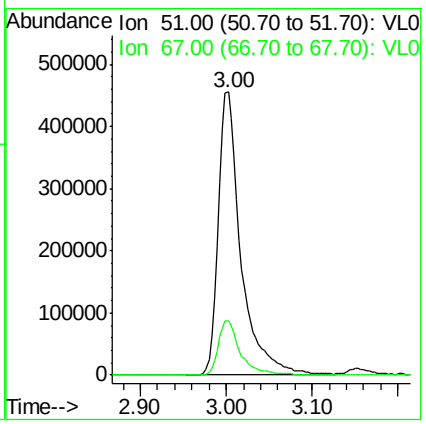


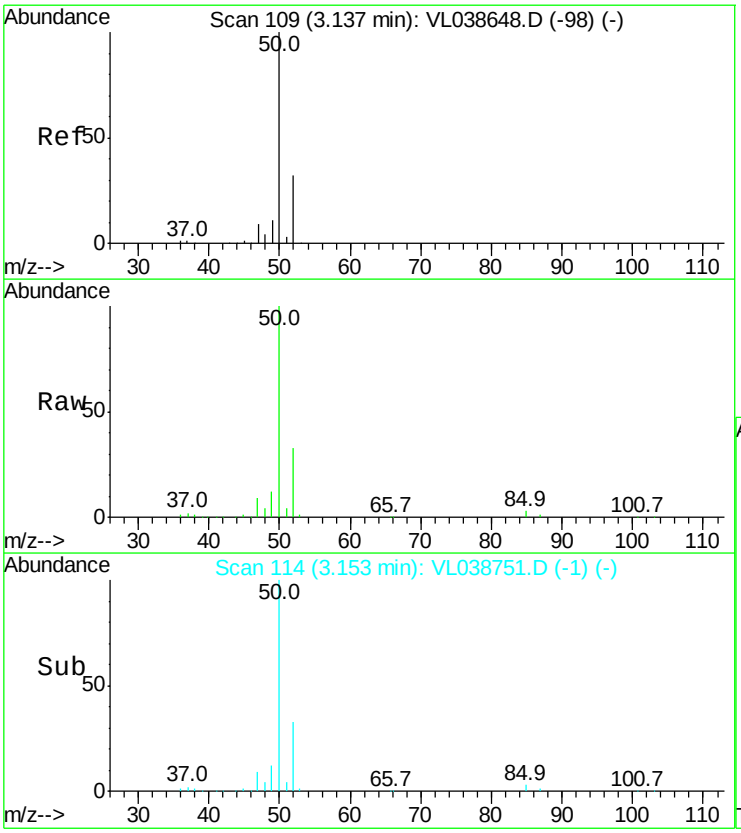
#3
Chlorodifluoromethane
Concen: 9.15 ppbv
RT: 3.00
Delta R.T
Lab File:
Acq: 24 Mar 2022 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0324ABS01

Tgt Ion: 51 Resp: 836593

Ion	Ratio	Lower	Upper
51	100		
67	18.9	14.1	21.1

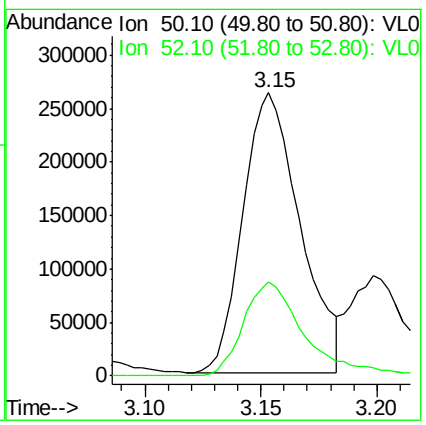


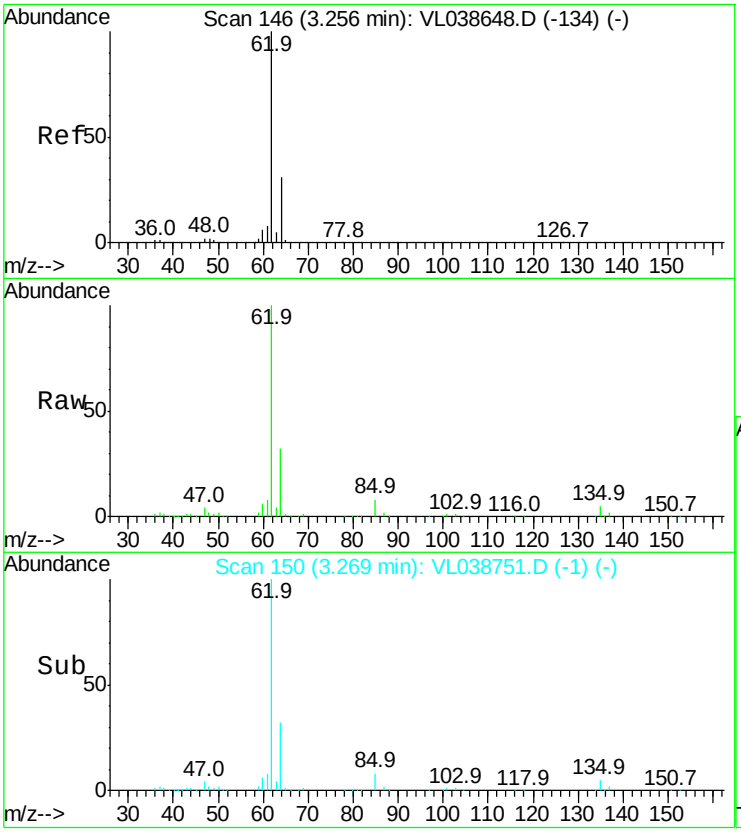


#4
Chloromethane
Concen: 8.94 ppbv
RT: 3.15 min Scan# 114
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion: 50 Resp: 448935

Ion	Ratio	Lower	Upper
50	100		
52	33.5	25.5	38.3



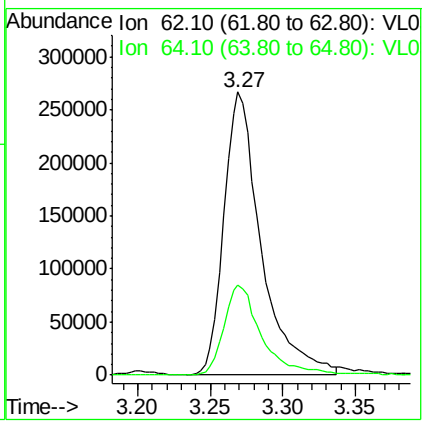


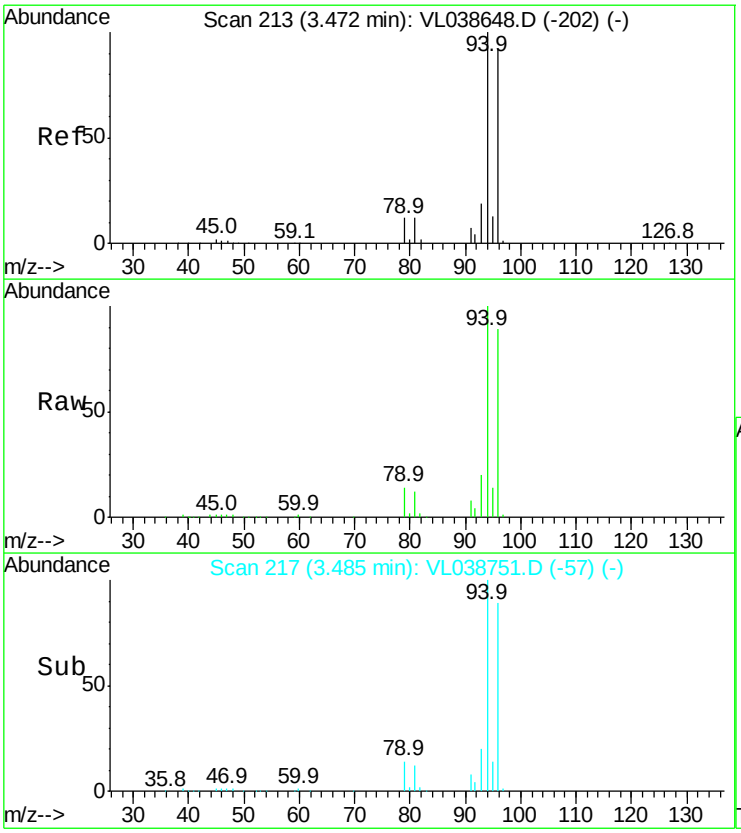
#5
Vinyl Chloride
Concen: 9.34 ppbv
RT: 3.27
Delta R.T
Lab File:
Acq: 24 Mar 2022 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0324ABS01

Tgt Ion: 62 Resp: 476806

Ion	Ratio	Lower	Upper
62	100		
64	31.8	25.0	37.4

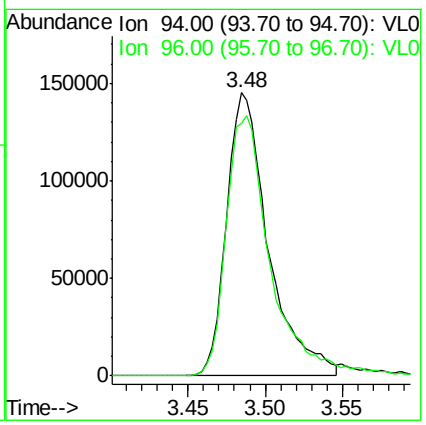


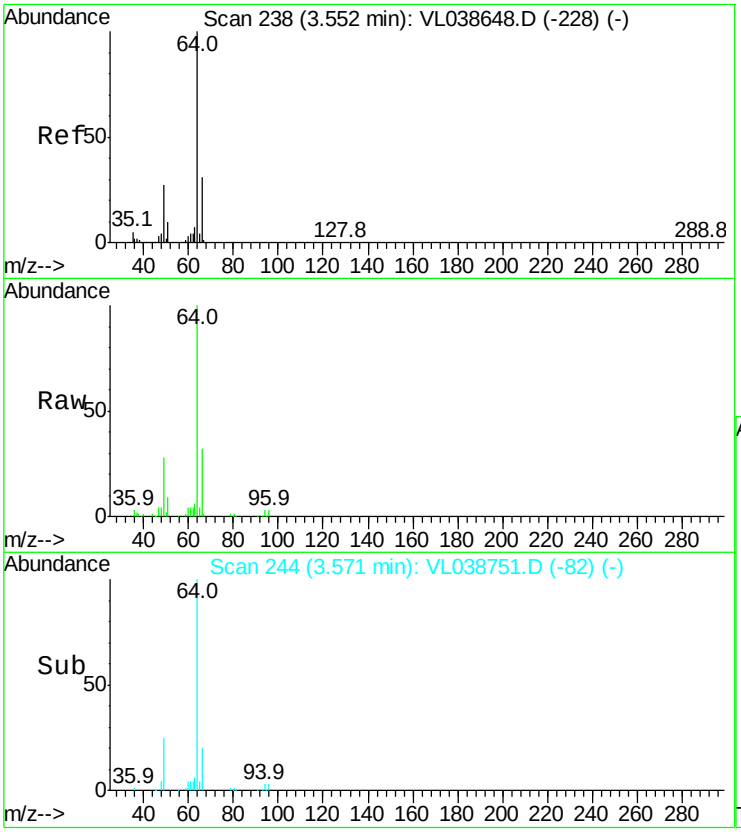


#6
Bromomethane
Concen: 10.00 ppbv
RT: 3.48 min Scan# 217
Delta R.T. 0.01 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion: 94 Resp: 272140

Ion	Ratio	Lower	Upper
94	100		
96	89.2	73.3	109.9



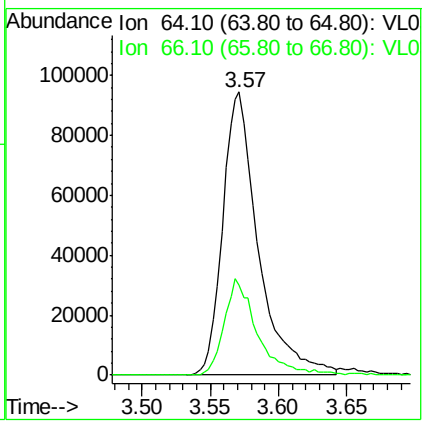


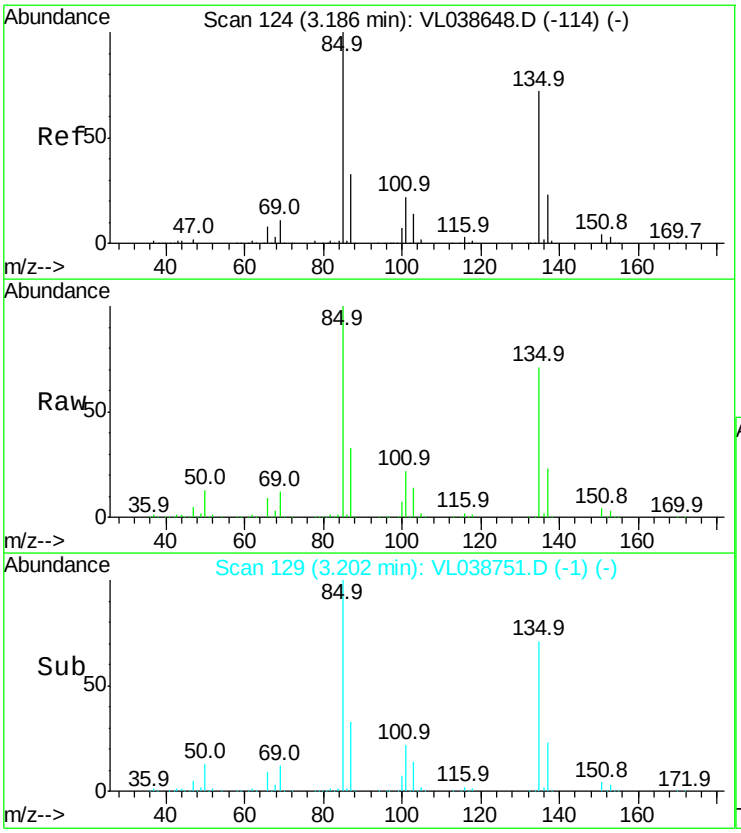
#7
Chloroethane
Concen: 10.12 ppbv
RT: 3.57
Delta R.T
Lab File:
Acq: 24 Mar 2022 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0324ABS01

Tgt Ion: 64 Resp: 171002

Ion	Ratio	Lower	Upper
64	100		
66	31.7	25.0	37.6

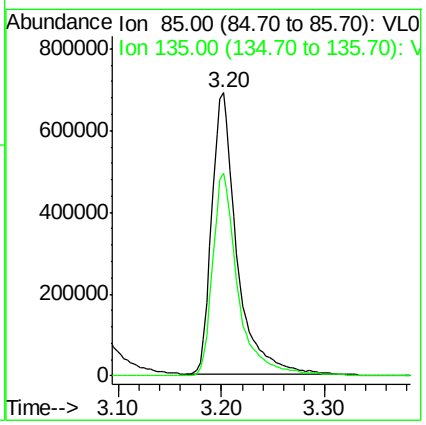


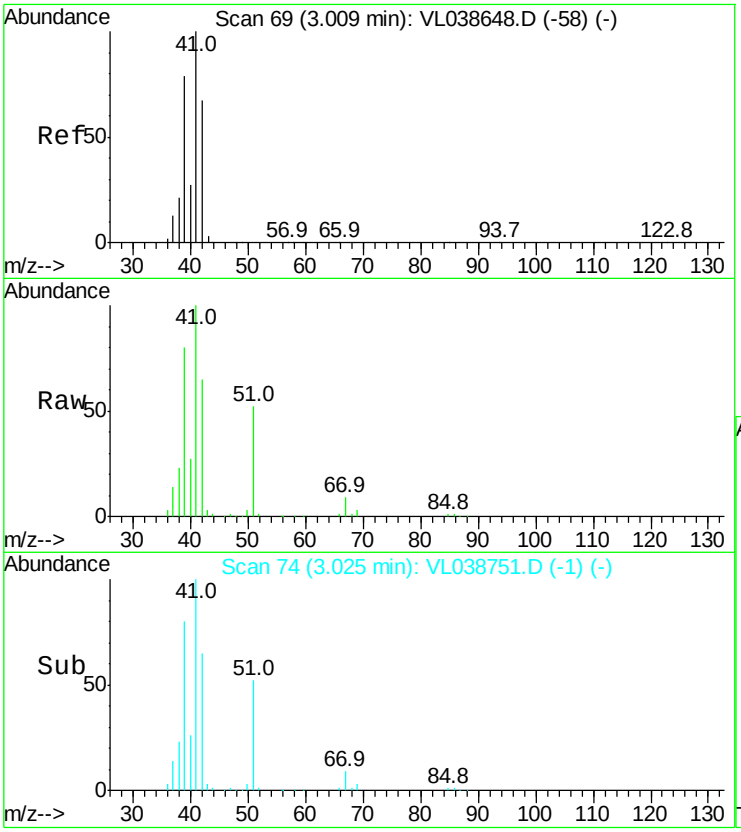


#8
Dichlorotetrafluoroethane
Concen: 10.02 ppbv
RT: 3.20 min Scan# 129
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion: 85 Resp: 1165081

Ion	Ratio	Lower	Upper
85	100		
135	73.3	57.8	86.6



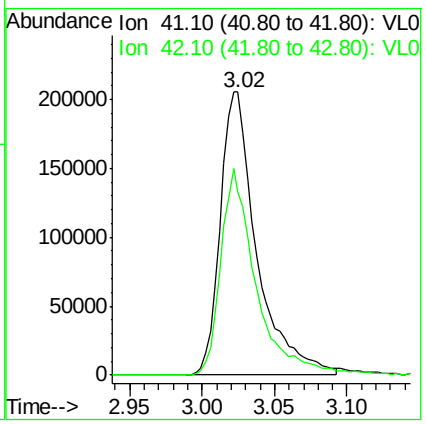


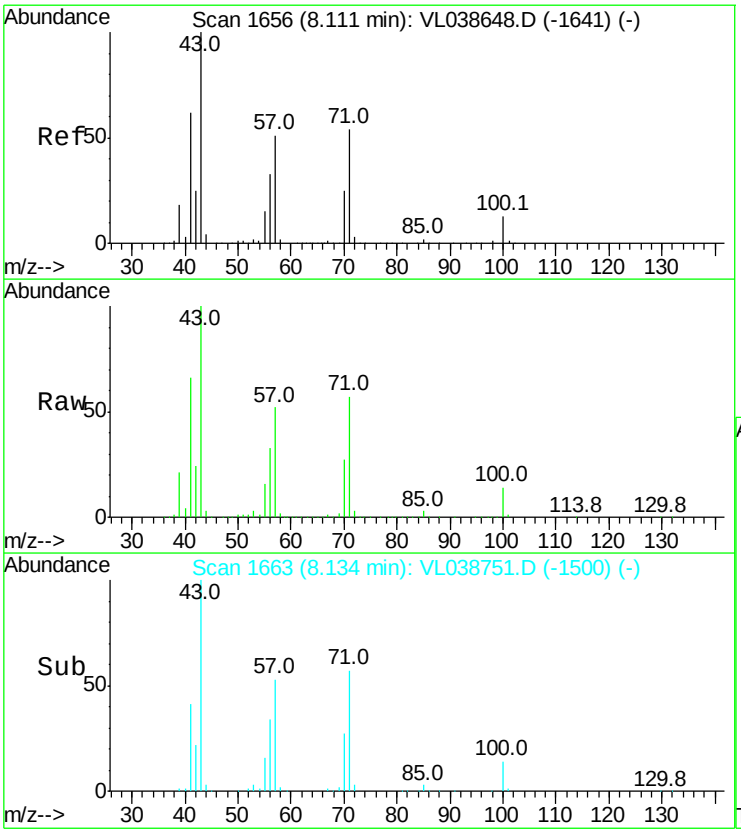
#9
Propene
Concen: 8.15 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 24 Mar 2022 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0324ABS01

Tgt Ion: 41 Resp: 359764

Ion	Ratio	Lower	Upper
41	100		
42	70.9	56.2	84.4

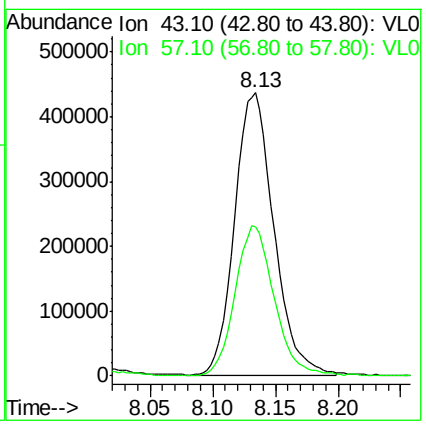


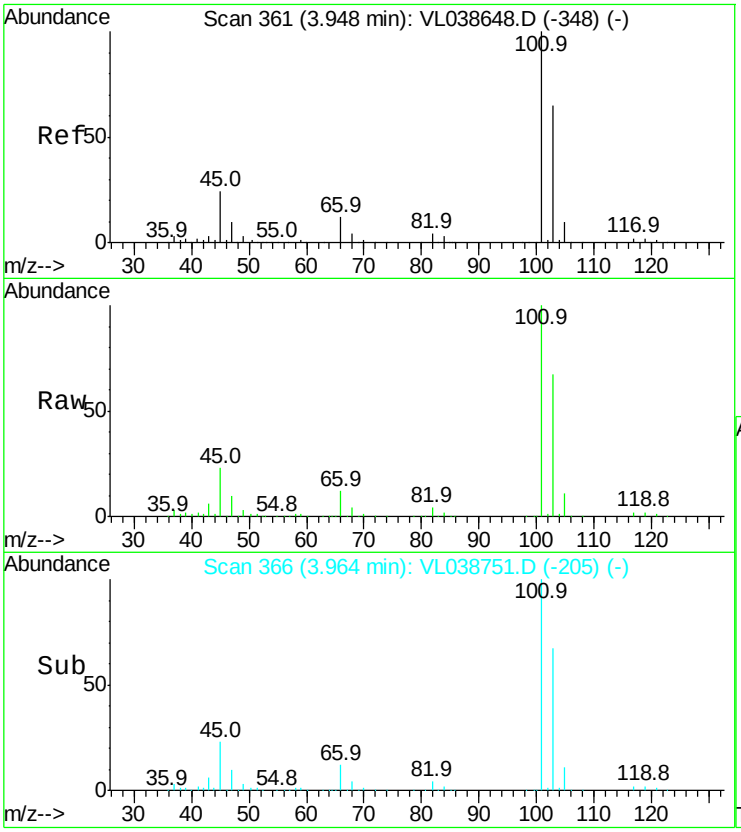


#10
Heptane
Concen: 8.95 ppbv
RT: 8.13 min Scan# 1663
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion: 43 Resp: 944525

Ion	Ratio	Lower	Upper
43	100		
57	53.5	41.4	62.2



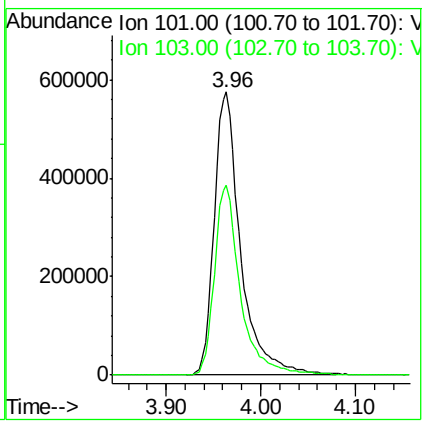


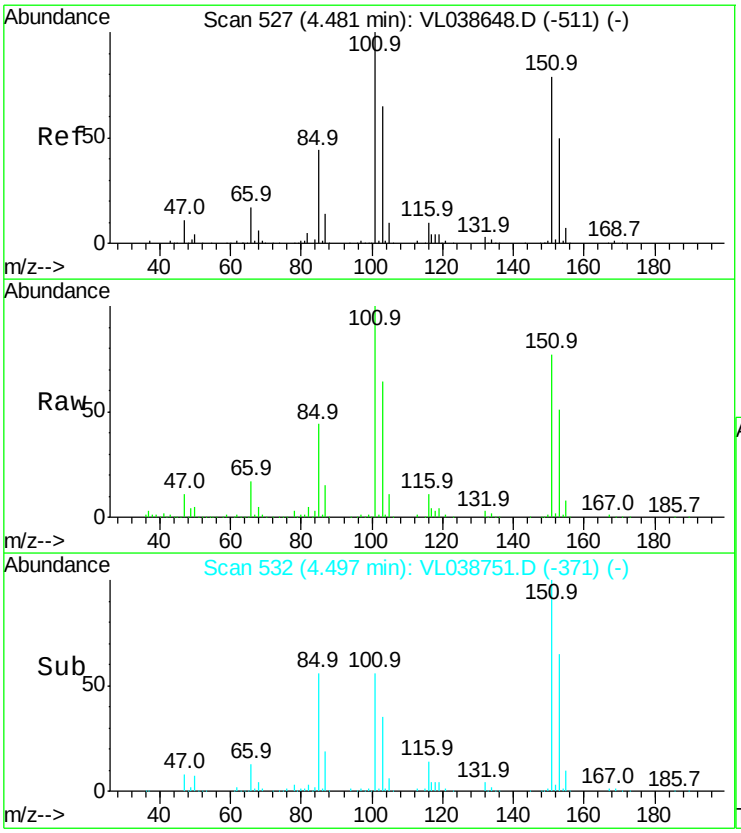
#11
Trichlorofluoromethane
Concen: 10.86 ppbv
RT: 3.96
Delta R.T
Lab File:
Acq: 24 Mar 2022 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0324ABS01

Tgt Ion:101 Resp: 1115550

Ion	Ratio	Lower	Upper
101	100		
103	66.9	51.9	77.9

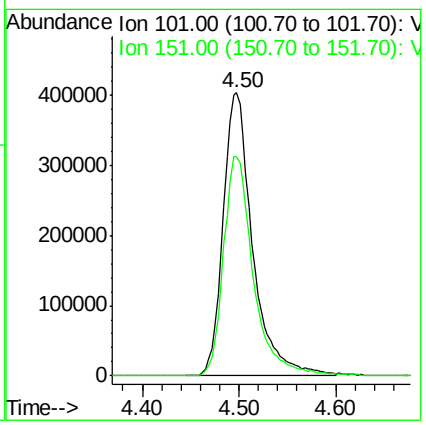


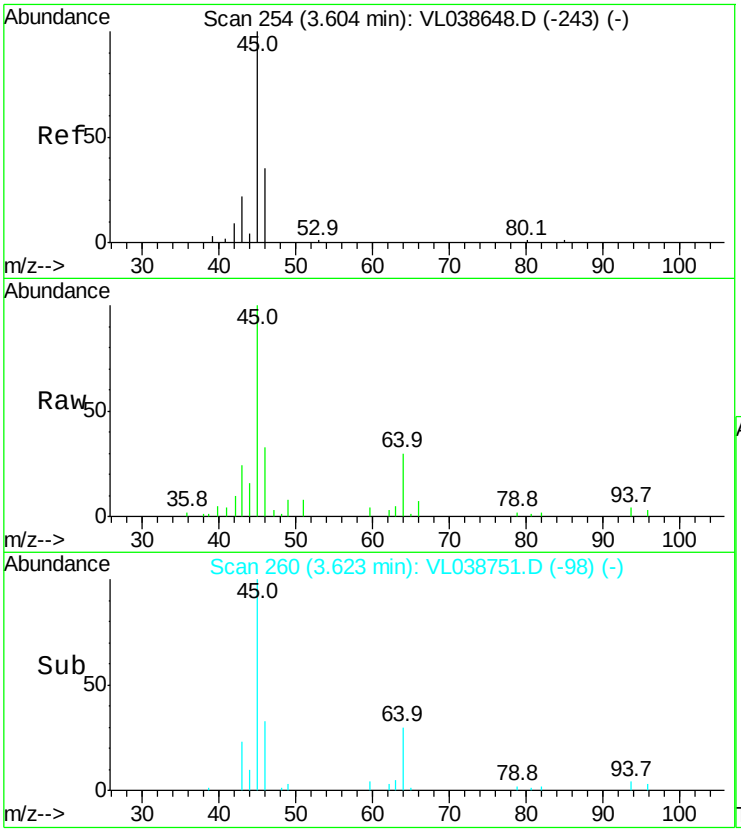


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.81 ppbv
RT: 4.50 min Scan# 532
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion:101 Resp: 855005

Ion	Ratio	Lower	Upper
101	100		
151	78.8	62.9	94.3



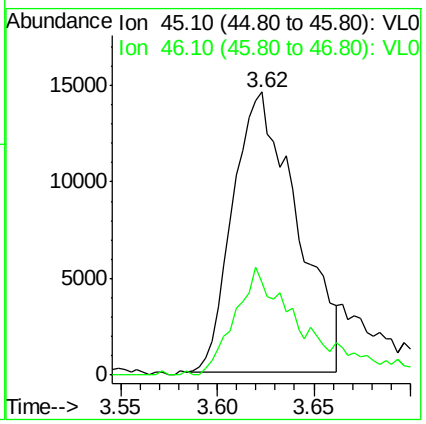


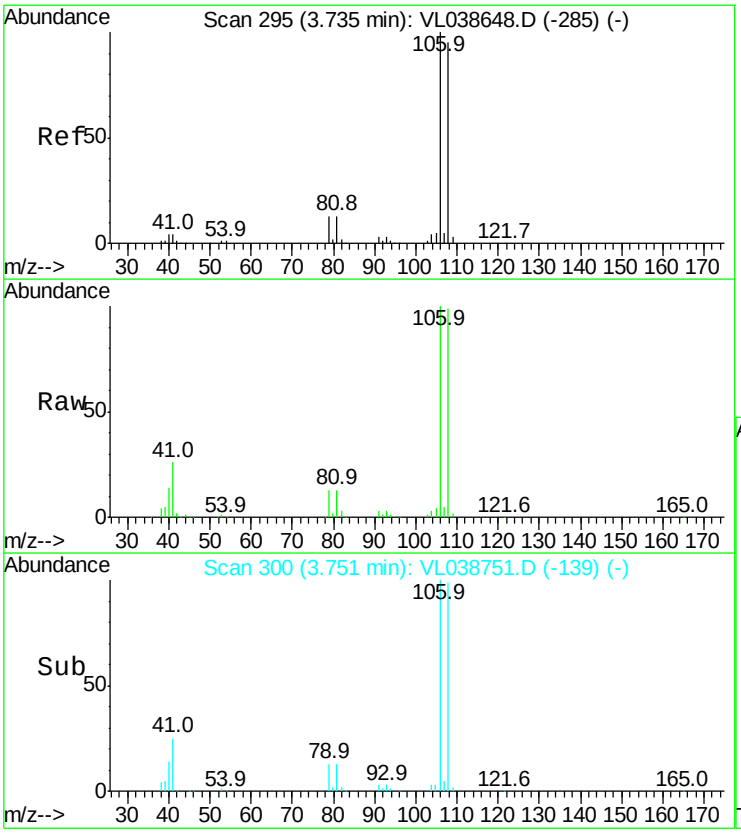
#13
Ethanol
Concen: 6.87 ppbv
RT: 3.62
Delta R.T
Lab File:
Acq: 24 Mar 2022 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0324ABS01

Tgt Ion: 45 Resp: 33460

Ion	Ratio	Lower	Upper
45	100		
46	43.4	15.1	60.5

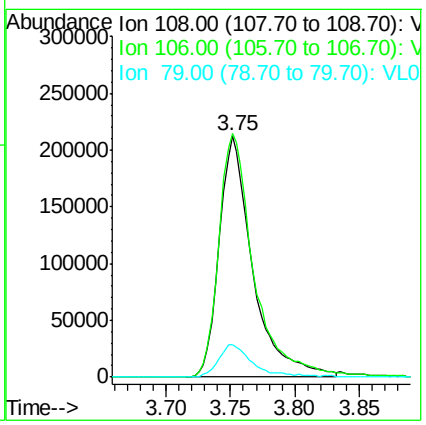


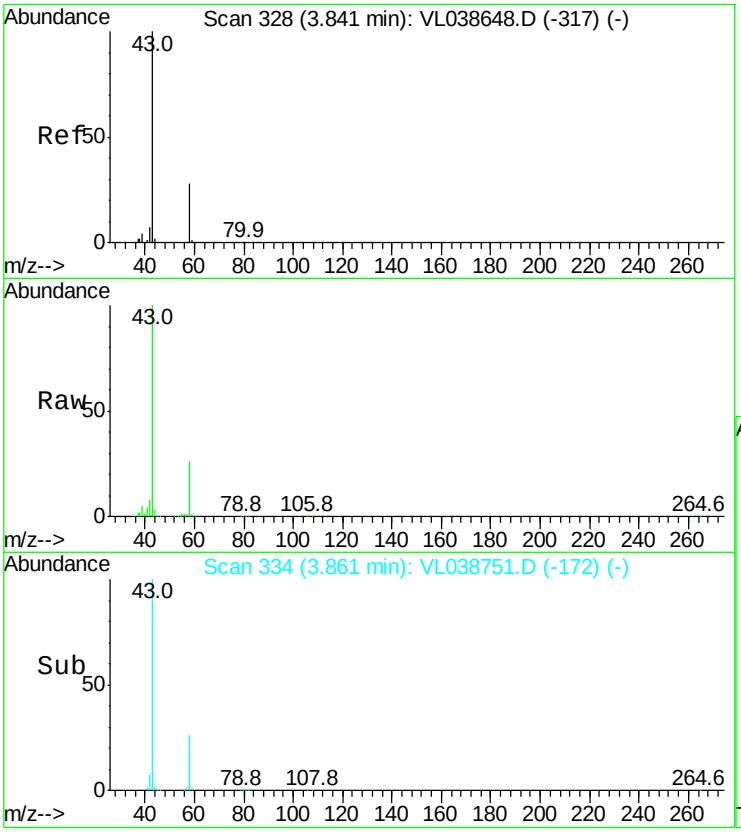


#14
Bromoethene
Concen: 10.94 ppbv
RT: 3.75 min Scan# 300
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion:108 Resp: 384483

Ion	Ratio	Lower	Upper
108	100		
106	106.2	88.3	132.5
79	14.4	11.2	16.8



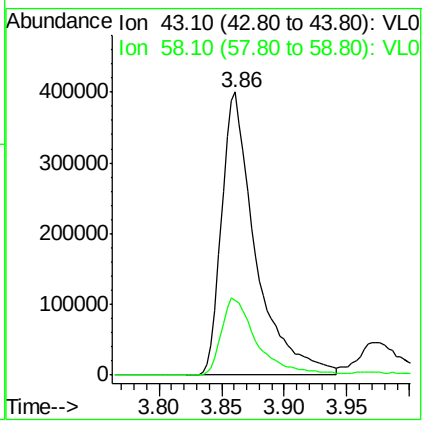


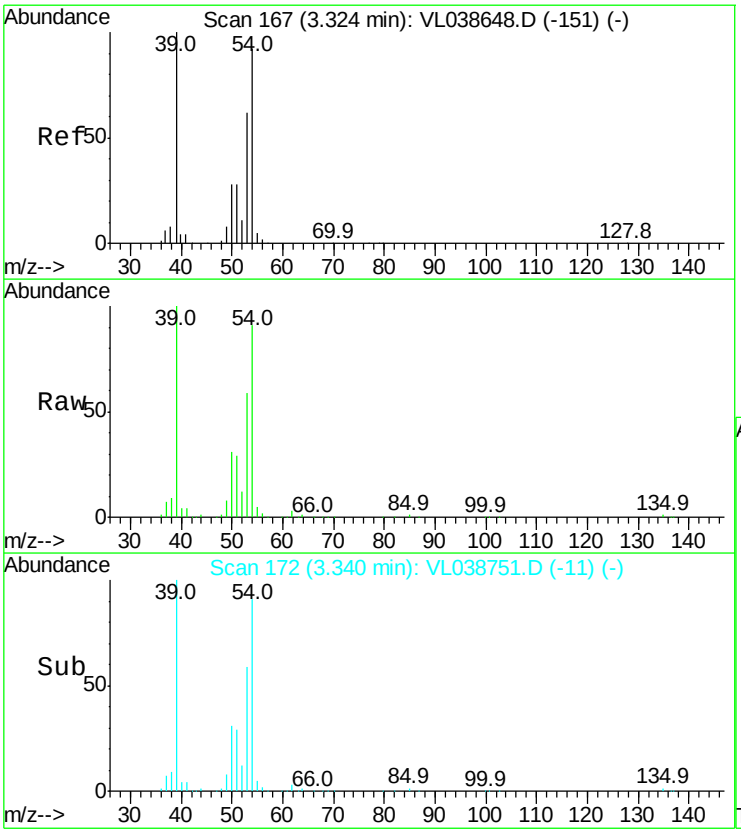
#15
Acetone
Concen: 10.06 ppbv
RT: 3.86
Delta R.T
Lab File:
Acq: 24 Mar 2022 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0324ABS01

Tgt Ion: 43 Resp: 751839

Ion	Ratio	Lower	Upper
43	100		
58	28.6	23.3	34.9

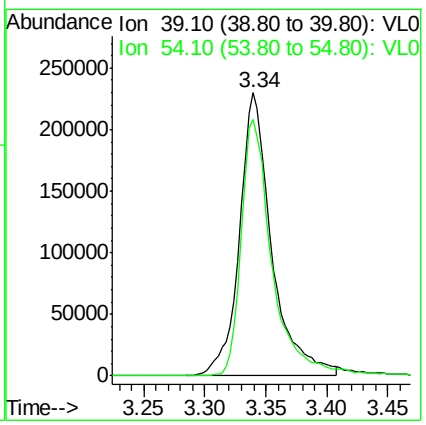


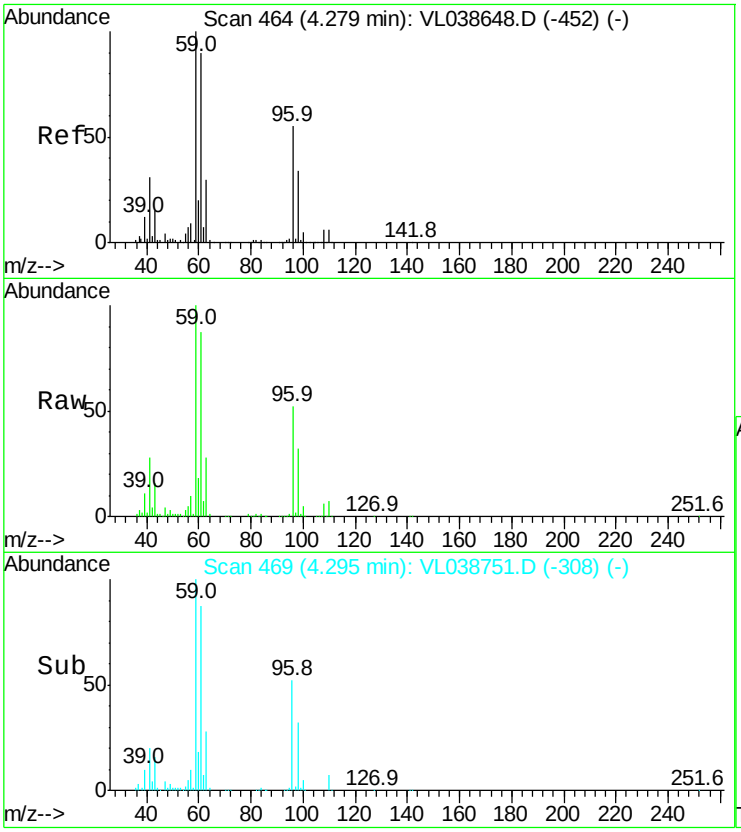


#16
1,3-Butadiene
Concen: 9.86 ppbv
RT: 3.34 min Scan# 172
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion: 39 Resp: 417984

Ion	Ratio	Lower	Upper
39	100		
54	87.4	69.1	103.7



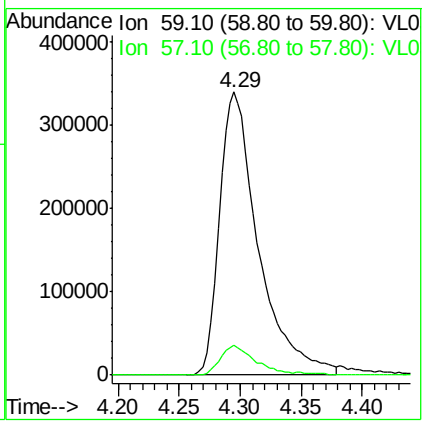


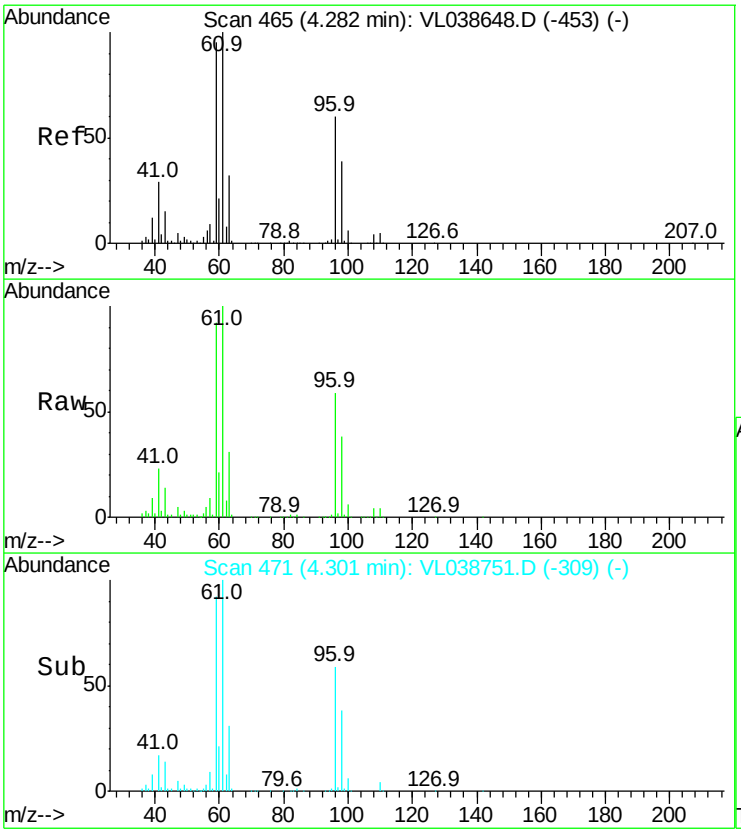
#17
tert-Butyl alcohol
Concen: 11.59 ppbv
RT: 4.29
Delta R.T
Lab File:
Acq: 24 Mar 2022 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0324ABS01

Tgt Ion: 59 Resp: 756409

Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.2

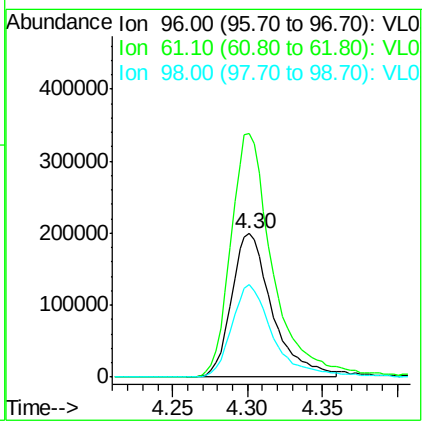


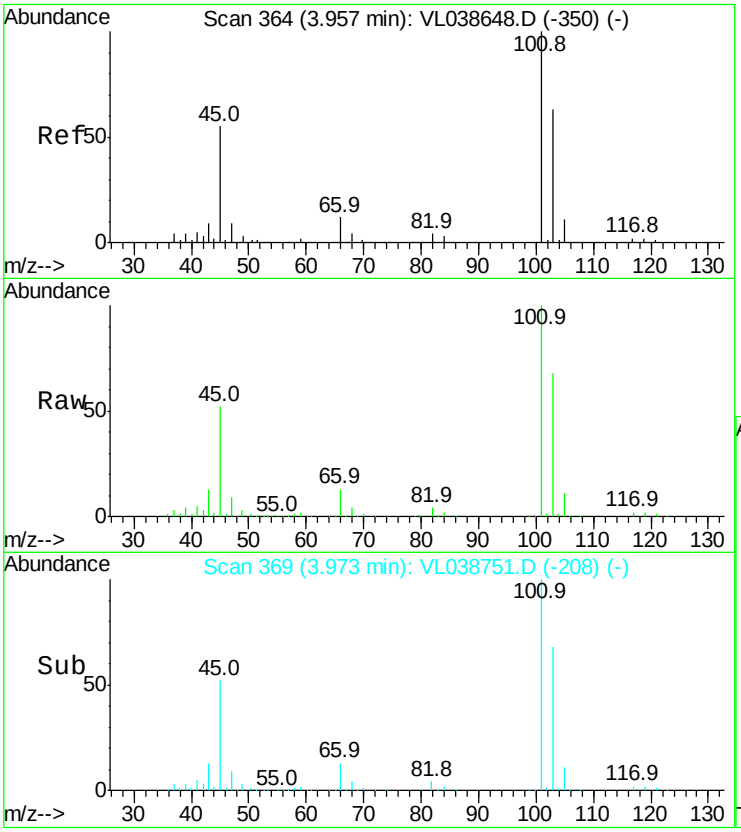


#18
1,1-Dichloroethene
Concen: 10.62 ppbv
RT: 4.30 min Scan# 471
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion: 96 Resp: 377237

Ion	Ratio	Lower	Upper
96	100		
61	169.7	132.4	198.6
98	64.1	51.6	77.4



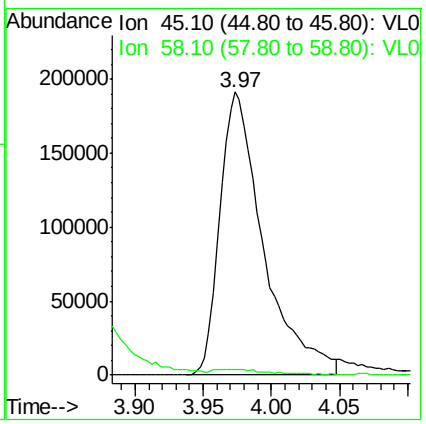


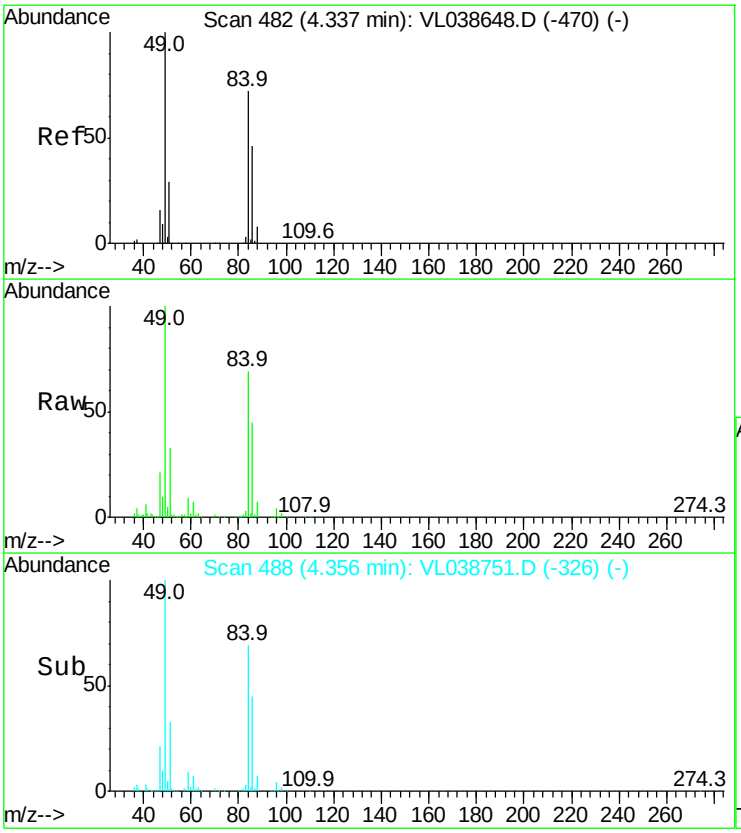
#19
Isopropyl Alcohol
Concen: 10.17 ppbv
RT: 3.97
Delta R.T
Lab File:
Acq: 24 Mar 2022 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0324ABS01

Tgt Ion: 45 Resp: 421358

Ion	Ratio	Lower	Upper
45	100		
58	2.4	2.3	3.5

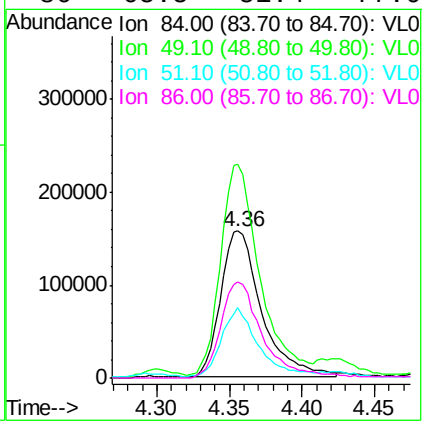


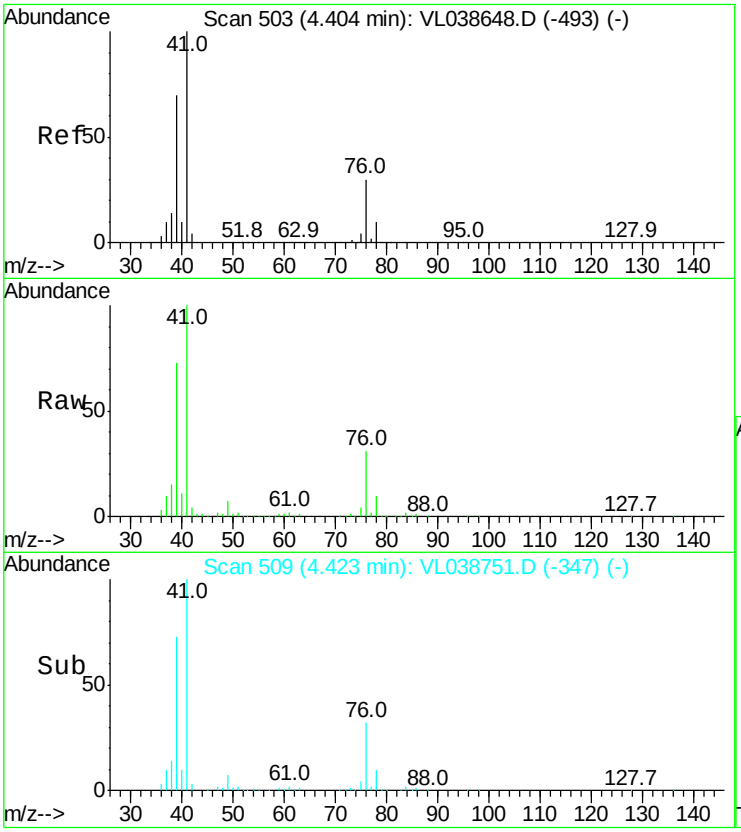


#20
Methylene Chloride
Concen: 9.91 ppbv
RT: 4.36 min Scan# 488
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion: 84 Resp: 311844

Ion	Ratio	Lower	Upper
84	100		
49	143.6	111.2	166.8
51	46.8	32.8	49.2
86	65.5	51.4	77.0



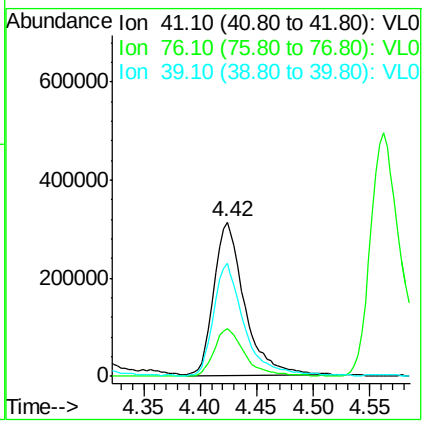


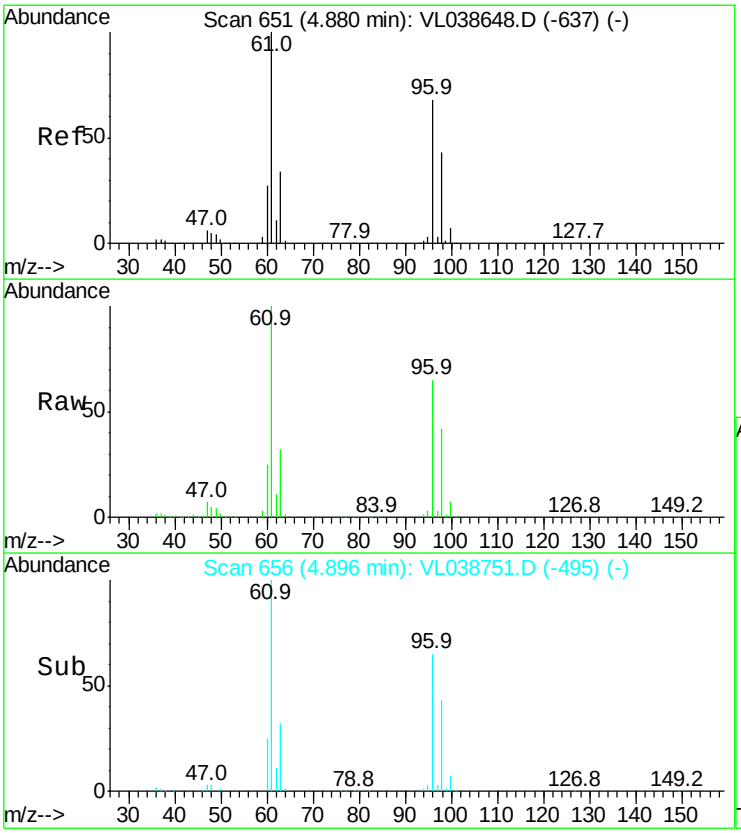
#21
Allyl Chloride
Concen: 10.91 ppbv
RT: 4.42
Delta R.T
Lab File:
Acq: 24 Mar 2022 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0324ABS01

Tgt Ion: 41 Resp: 586938

Ion	Ratio	Lower	Upper
41	100		
76	31.6	25.0	37.6
39	73.3	56.6	85.0

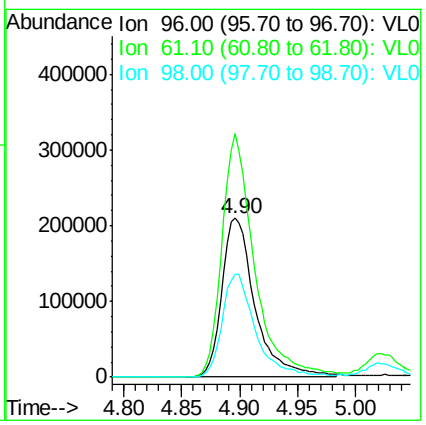


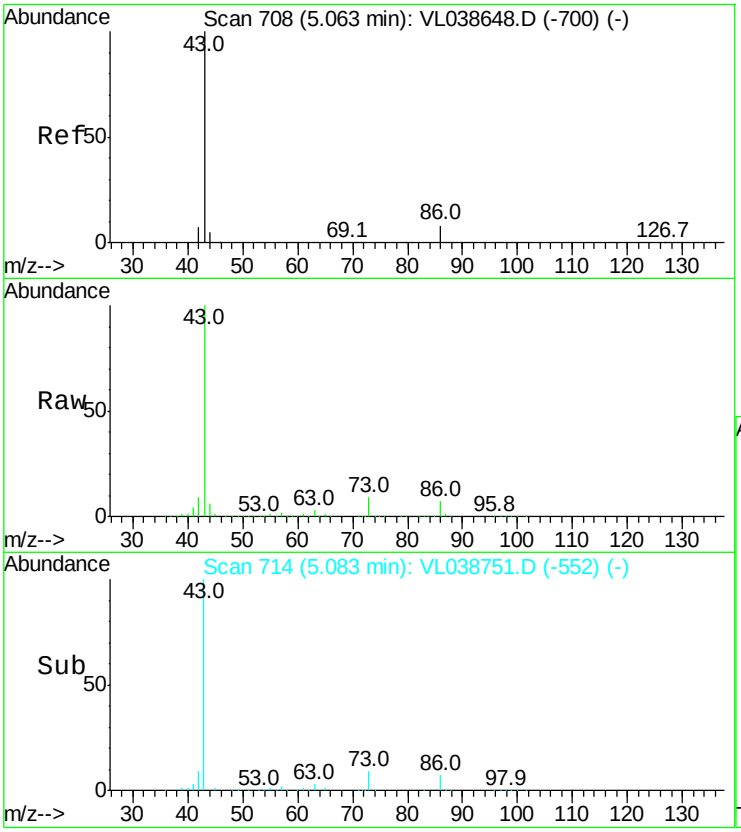


#22
trans-1,2-Dichloroethene
Concen: 11.35 ppbv
RT: 4.90 min Scan# 656
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion: 96 Resp: 418472

Ion	Ratio	Lower	Upper
96	100		
61	153.4	118.3	177.5
98	65.1	51.3	76.9



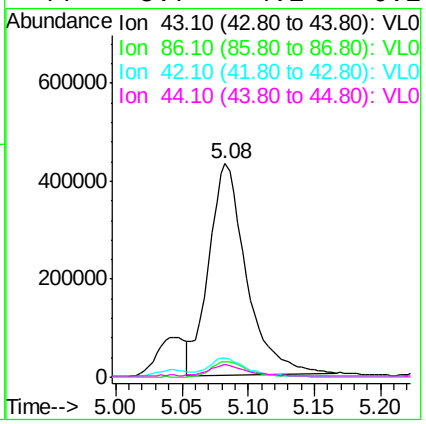


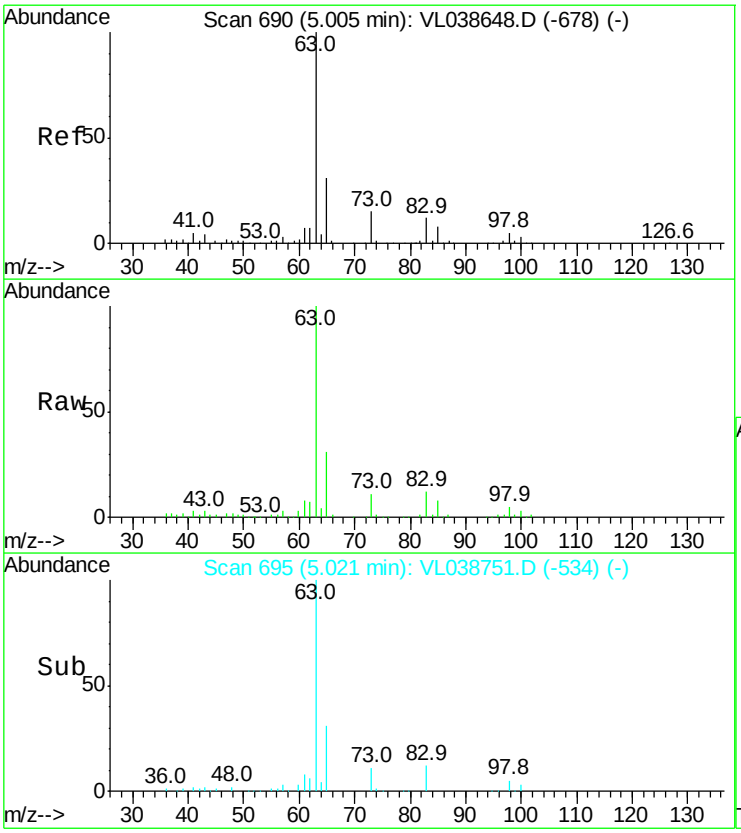
#23
Vinyl Acetate
Concen: 11.72 ppbv
RT: 5.08
Delta R.T
Lab File:
Acq: 24 Mar 2022 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0324ABS01

Tgt Ion: 43 Resp: 848175

Ion	Ratio	Lower	Upper
43	100		
86	7.0	5.6	8.4
42	8.9	6.8	10.2
44	5.7	4.2	6.2

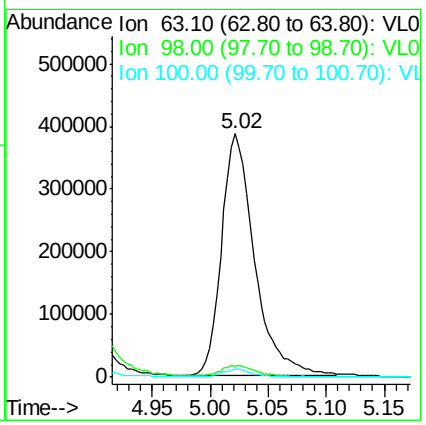


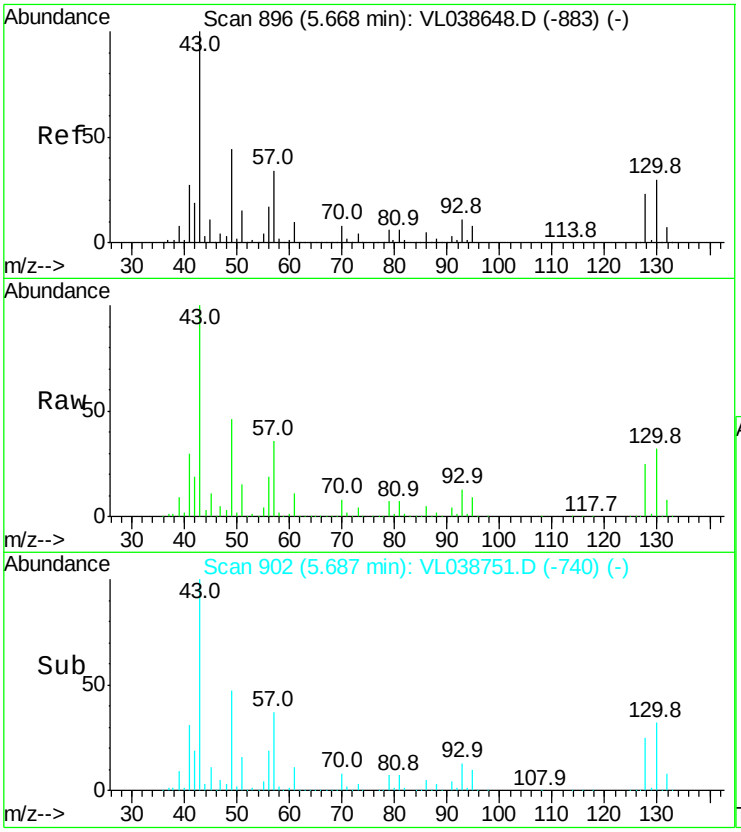


#24
1,1-Dichloroethane
Concen: 10.77 ppbv
RT: 5.02 min Scan# 695
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion: 63 Resp: 767243

Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.5	7.5
100	3.0	1.4	4.2



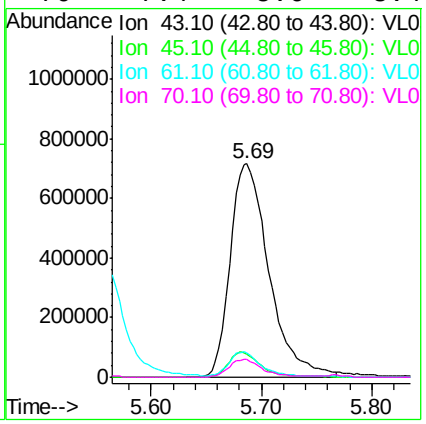


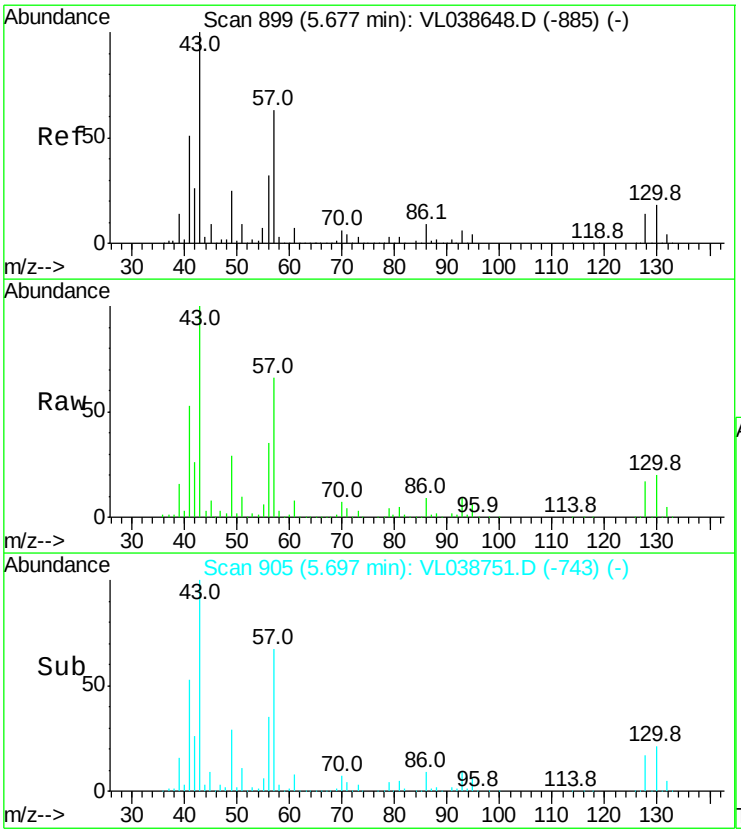
#25
Ethyl Acetate
Concen: 9.23 ppbv
RT: 5.69
Delta R.T
Lab File:
Acq: 24 Mar 2022 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0324ABS01

Tgt Ion: 43 Resp: 1736466

Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.2	12.4
61	10.8	8.3	12.5
70	7.4	5.6	8.4

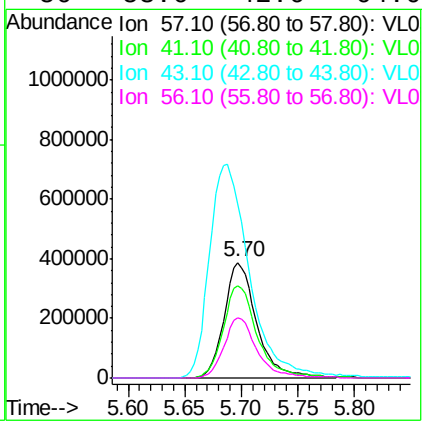


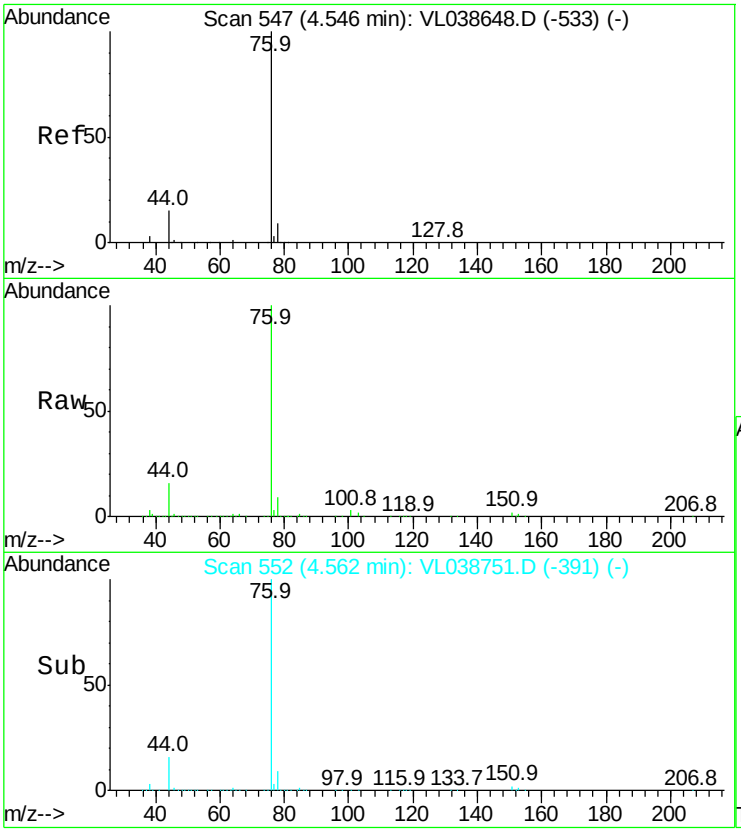


#26
Hexane
Concen: 9.22 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion: 57 Resp: 776861

Ion	Ratio	Lower	Upper
57	100		
41	84.7	67.0	100.4
43	227.6	184.2	276.2
56	53.6	42.6	64.0



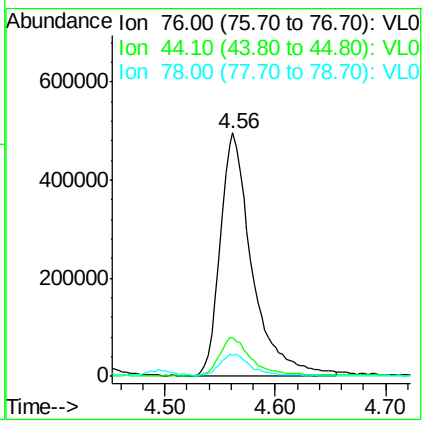


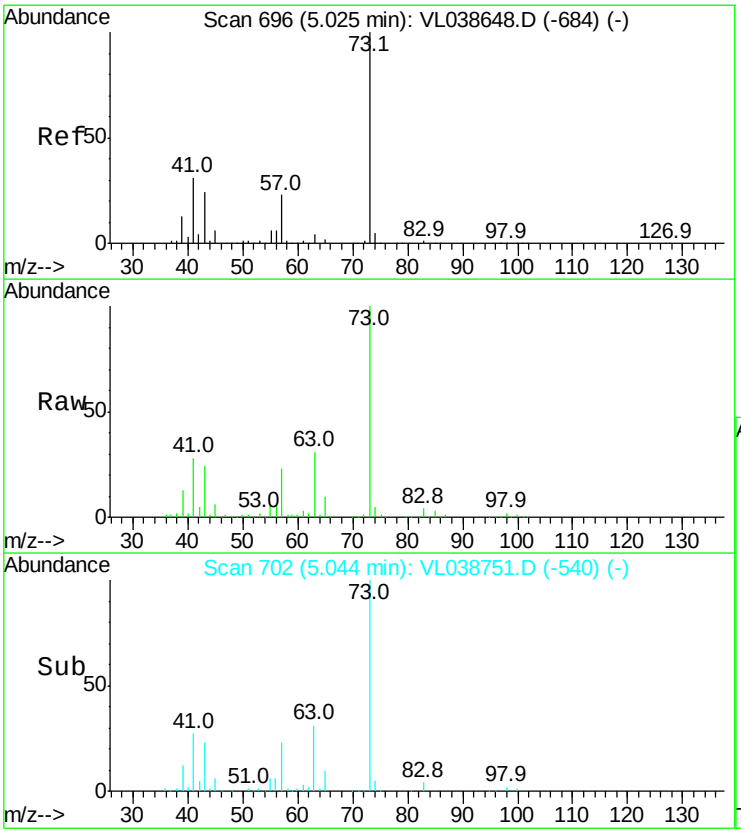
#27
Carbon Disulfide
Concen: 11.99 ppbv
RT: 4.56
Delta R.T
Lab File:
Acq: 24 Mar 2022 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0324ABS01

Tgt Ion: 76 Resp: 990636

Ion	Ratio	Lower	Upper
76	100		
44	15.7	12.4	18.6
78	9.6	7.8	11.8

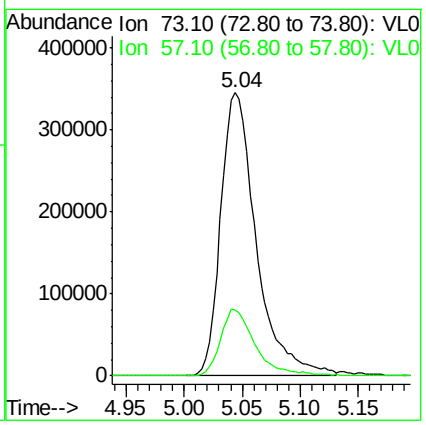


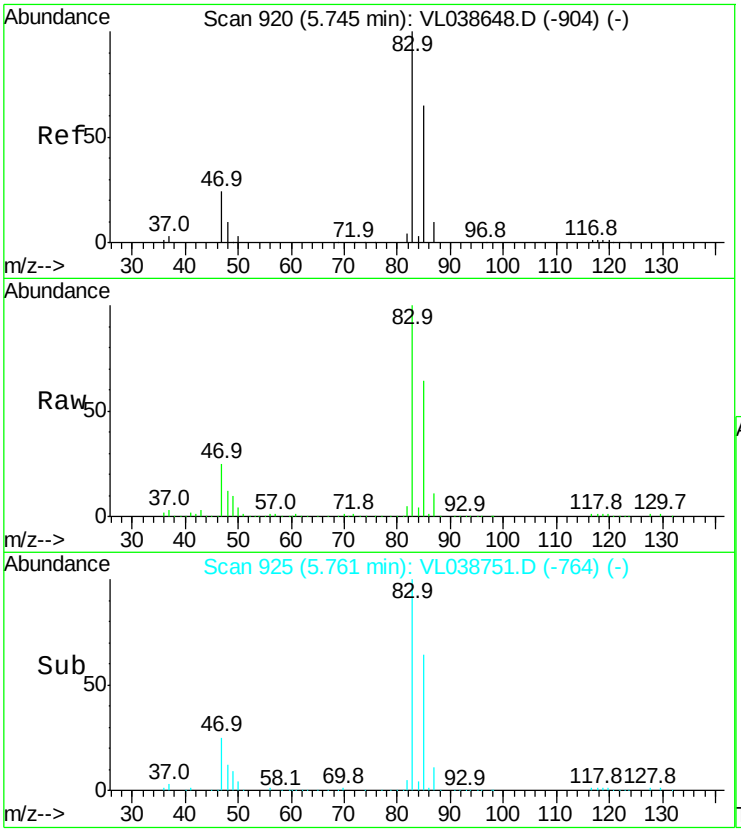


#28
Methyl tert-Butyl Ether
Concen: 11.65 ppbv
RT: 5.04 min Scan# 702
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion: 73 Resp: 730915

Ion	Ratio	Lower	Upper
73	100		
57	23.6	19.2	28.8



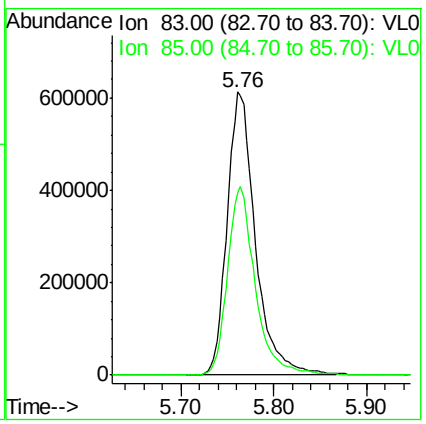


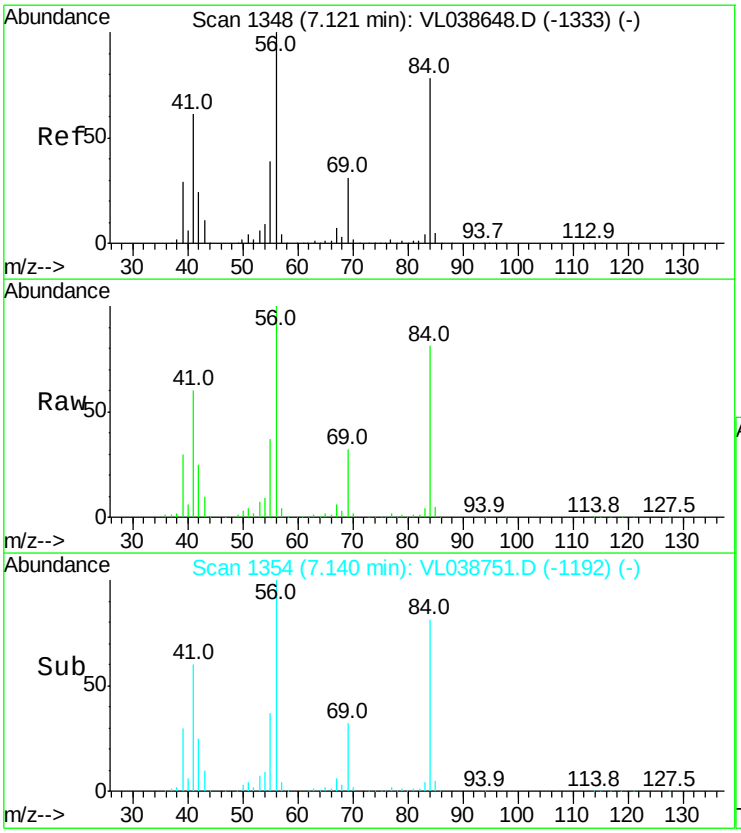
#29
Chloroform
Concen: 9.62 ppbv
RT: 5.76
Delta R.T
Lab File:
Acq: 24 Mar 2022 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0324ABS01

Tgt Ion: 83 Resp: 1297330

Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.7	77.5

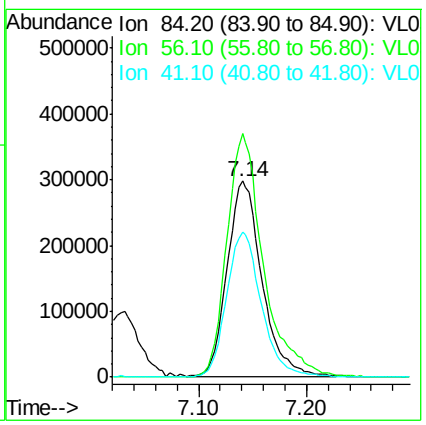


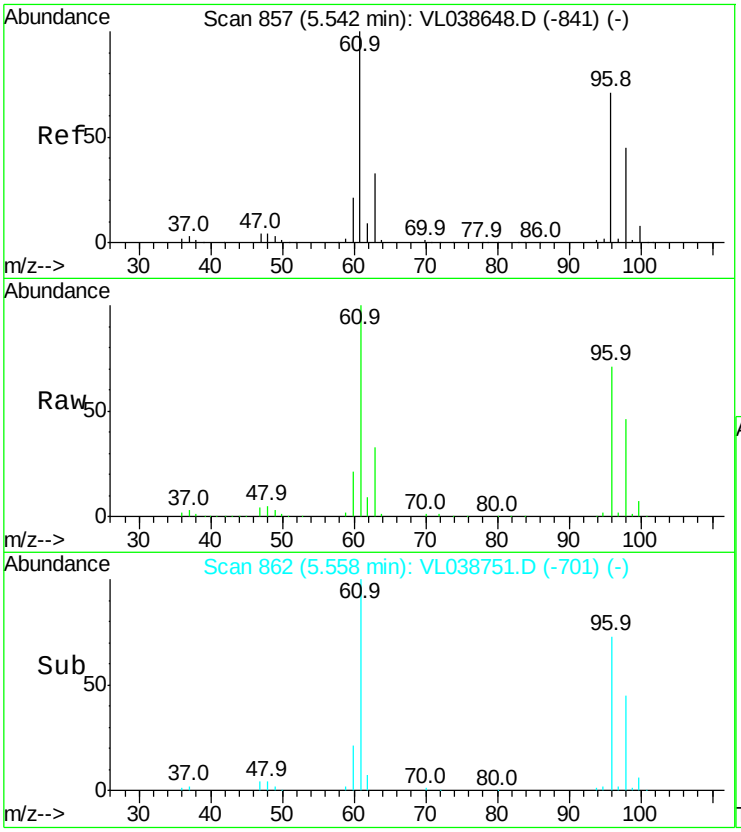


#30
Cyclohexane
Concen: 9.21 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion: 84 Resp: 674490

Ion	Ratio	Lower	Upper
84	100		
56	129.9	108.2	162.4
41	74.1	61.8	92.6



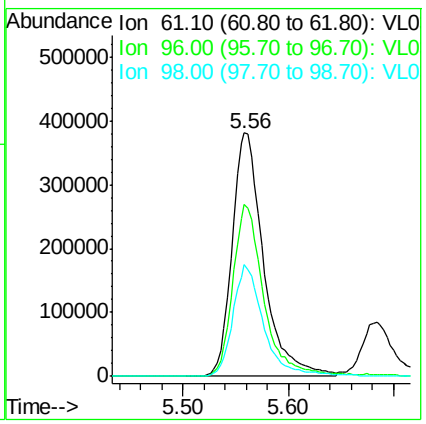


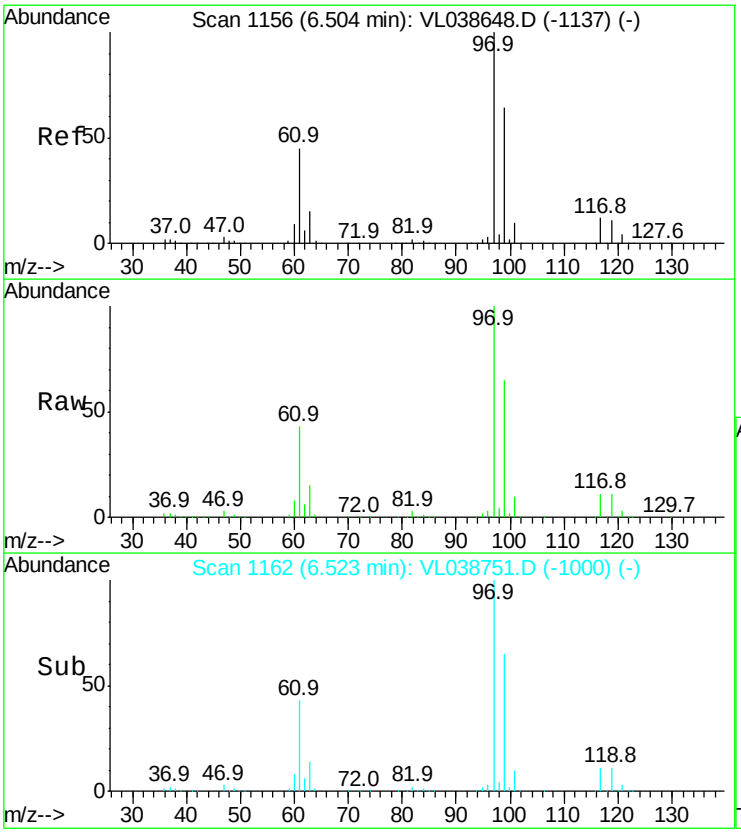
#31
cis-1,2-Dichloroethene
Concen: 9.92 ppbv
RT: 5.56
Delta R.T
Lab File:
Acq: 24 Mar 2022 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0324ABS01

Tgt Ion: 61 Resp: 785780

Ion	Ratio	Lower	Upper
61	100		
96	70.6	56.6	84.8
98	46.0	36.3	54.5

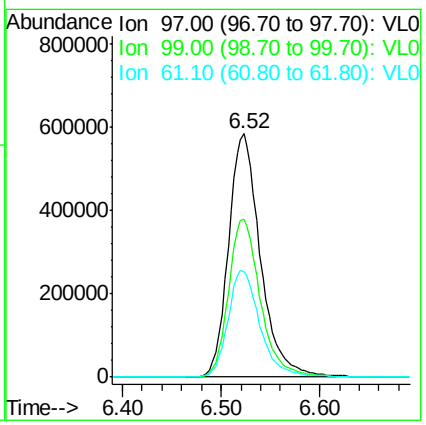


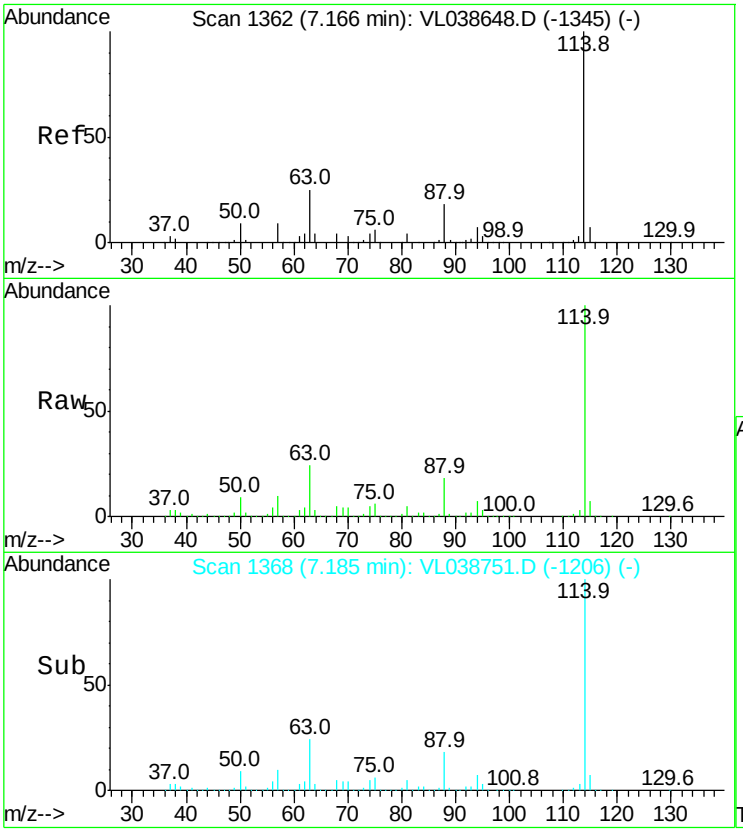


#32
1,1,1-Trichloroethane
Concen: 10.09 ppbv
RT: 6.52 min Scan# 1162
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion: 97 Resp: 1313312

Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.8	77.8
61	44.0	36.7	55.1



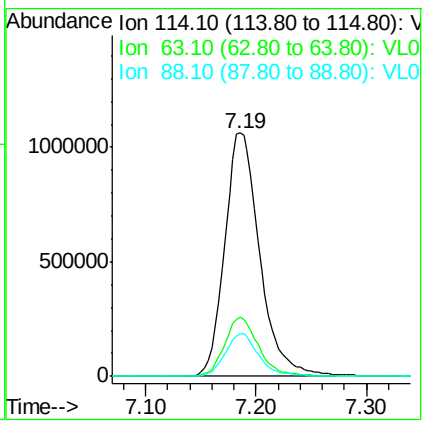


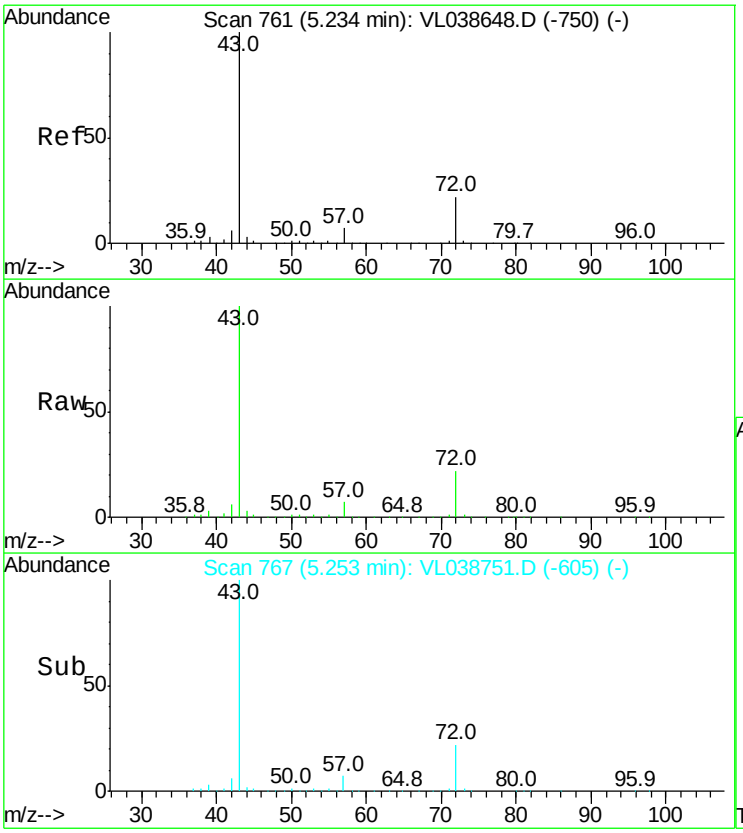
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.19
Delta R.T
Lab File:
Acq: 24 Mar 2022 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0324ABS01

Tgt Ion:114 Resp: 2332805

Ion	Ratio	Lower	Upper
114	100		
63	24.1	19.4	29.0
88	17.2	13.9	20.9

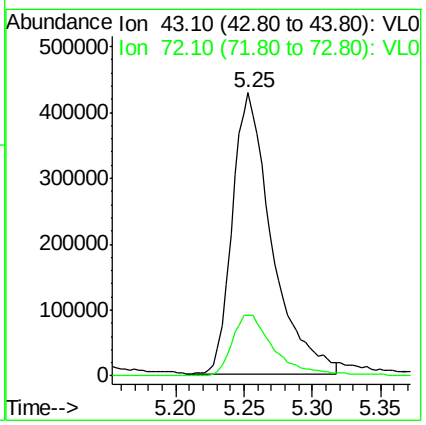


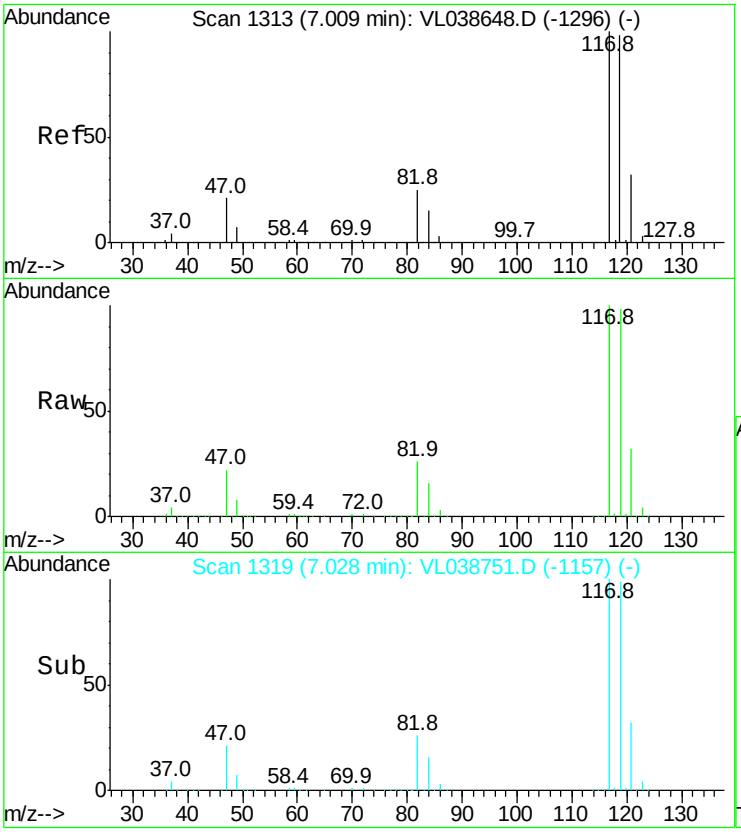


#34
2-Butanone
Concen: 9.32 ppbv
RT: 5.25 min Scan# 767
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion: 43 Resp: 860371

Ion	Ratio	Lower	Upper
43	100		
72	23.6	17.8	26.8



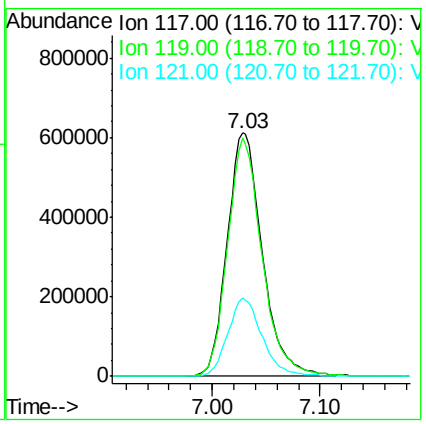


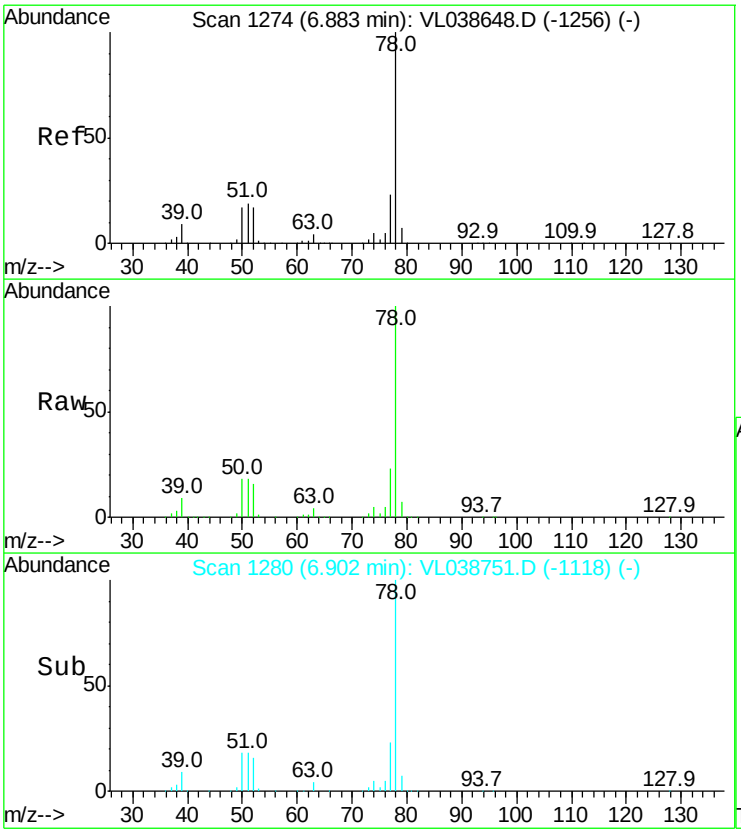
#35
Carbon Tetrachloride
Concen: 10.26 ppbv
RT: 7.03
Delta R.T
Lab File:
Acq: 24 Mar 2022 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0324ABS01

Tgt Ion:117 Resp: 1388698

Ion	Ratio	Lower	Upper
117	100		
119	98.1	78.1	117.1
121	32.0	25.8	38.6

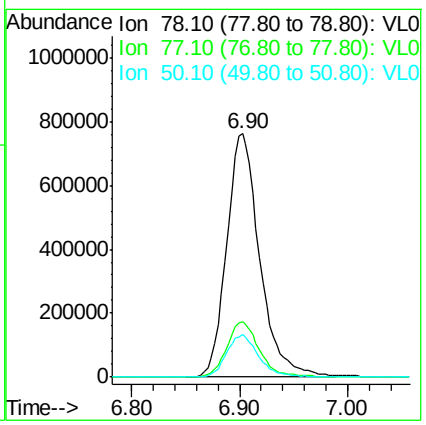


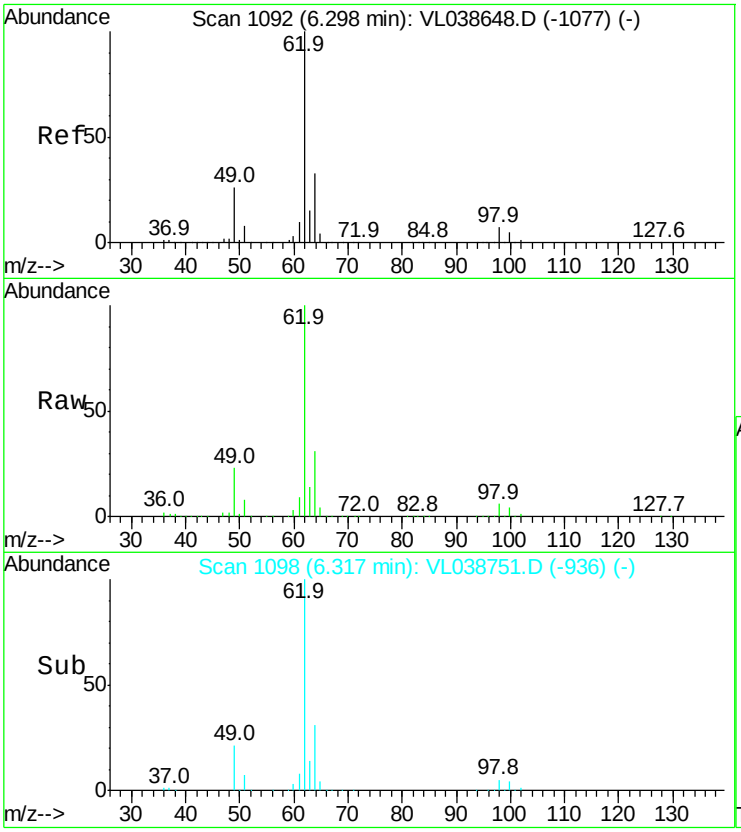


#36
Benzene
Concen: 9.05 ppbv
RT: 6.90 min Scan# 1280
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion: 78 Resp: 1629179

Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.1	27.1
50	17.8	13.6	20.4



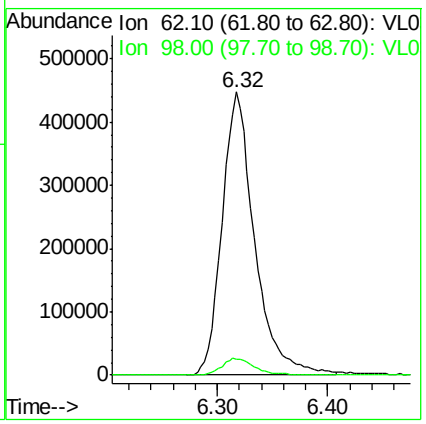


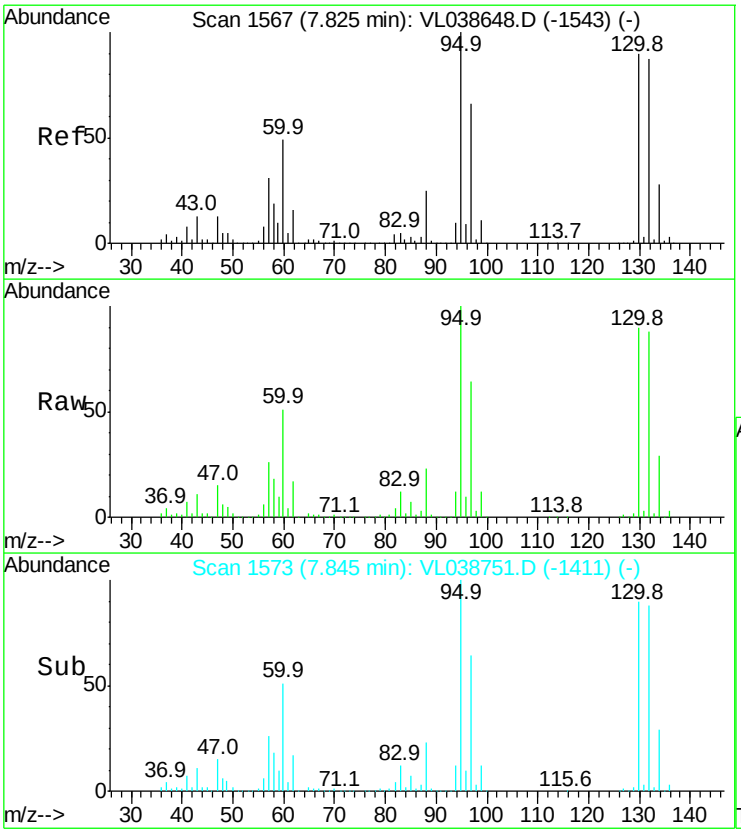
#37
1,2-Dichloroethane
Concen: 9.96 ppbv
RT: 6.32
Delta R.T
Lab File:
Acq: 24 Mar 2022 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0324ABS01

Tgt Ion: 62 Resp: 912197

Ion	Ratio	Lower	Upper
62	100		
98	6.2	5.6	8.4

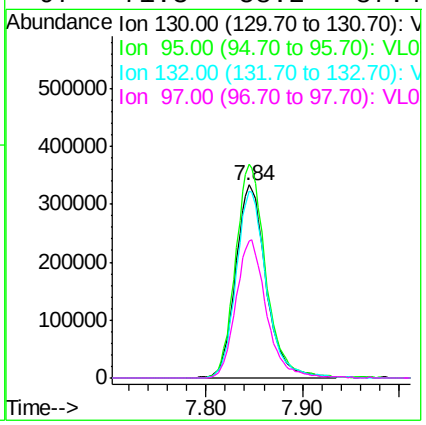


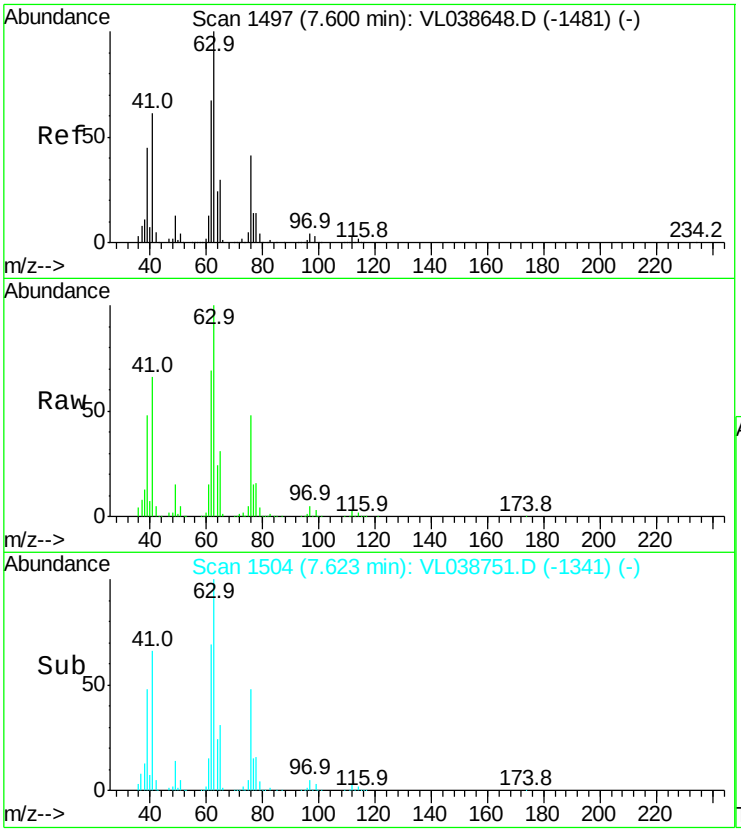


#38
Trichloroethene
Concen: 9.67 ppbv
RT: 7.84 min Scan# 1573
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion:130 Resp: 729582

Ion	Ratio	Lower	Upper
130	100		
95	110.7	88.9	133.3
132	97.0	77.4	116.0
97	71.3	58.2	87.4



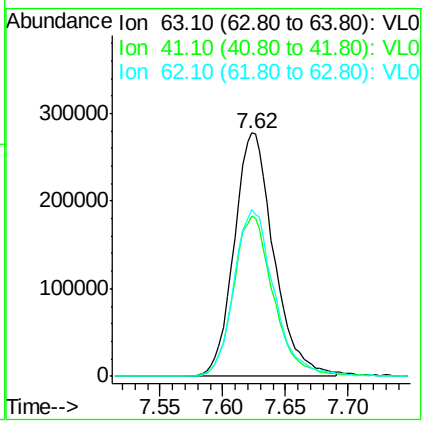


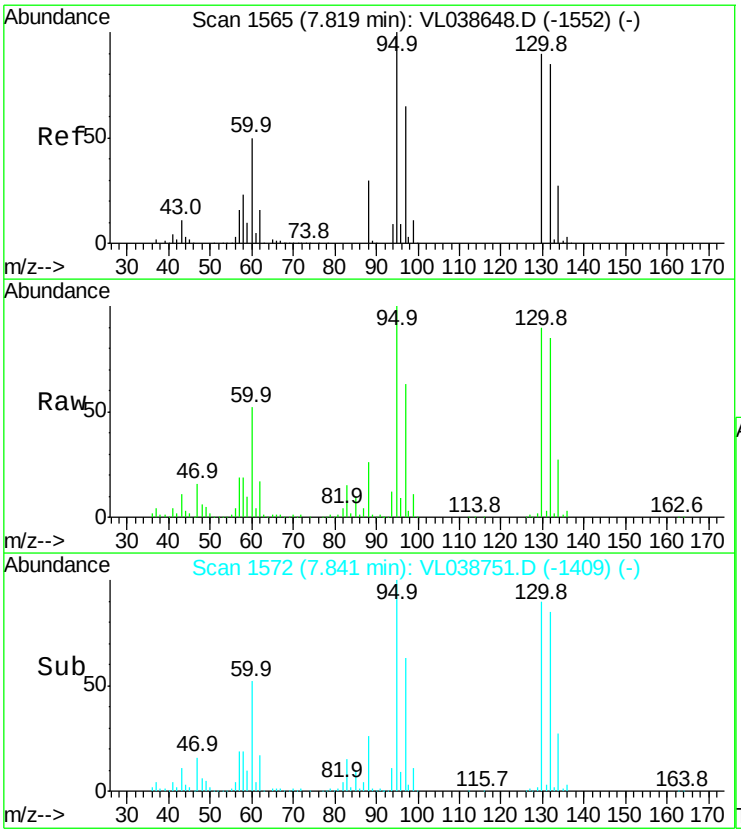
#39
1,2-Dichloropropane
Concen: 8.68 ppbv
RT: 7.62
Delta R.T
Lab File:
Acq: 24 Mar 2022 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0324ABS01

Tgt Ion: 63 Resp: 610843

Ion	Ratio	Lower	Upper
63	100		
41	66.0	49.0	73.6
62	68.5	53.9	80.9

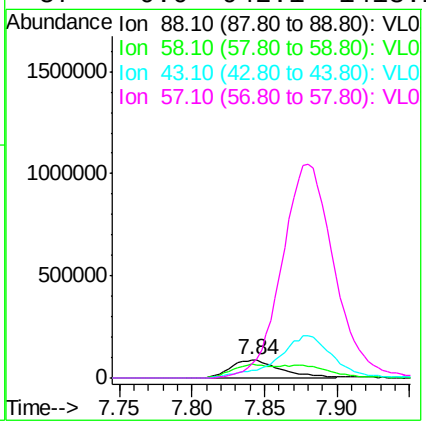


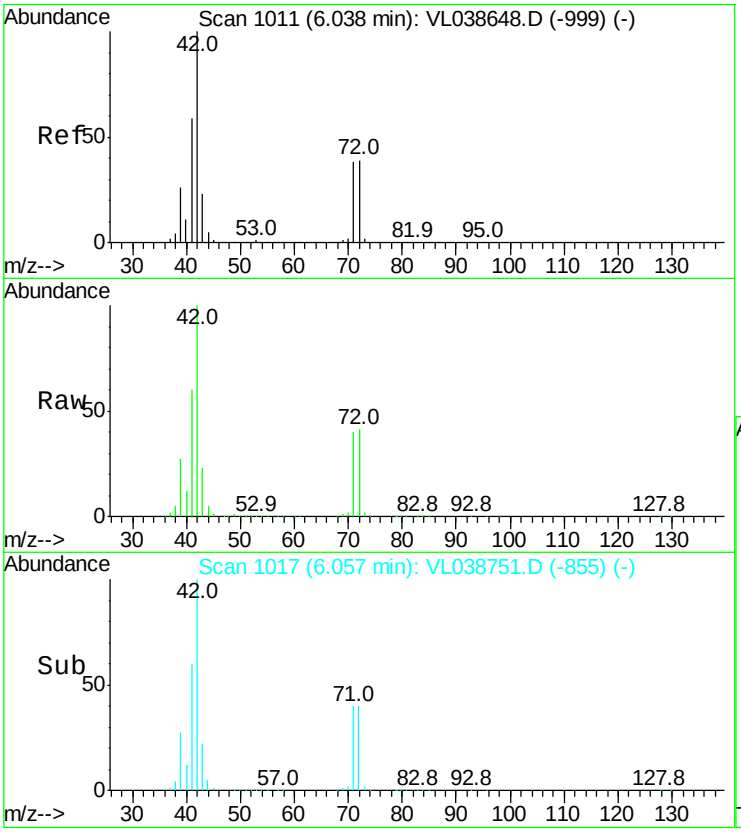


#40
1,4-Dioxane
Concen: 8.72 ppbv
RT: 7.84 min Scan# 1572
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion: 88 Resp: 213152

Ion	Ratio	Lower	Upper
88	100		
58	65.4	105.6	158.4#
43	0.0	201.9	302.9#
57	0.0	942.1	1413.1#



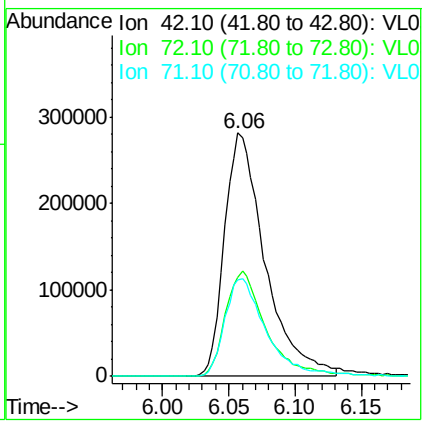


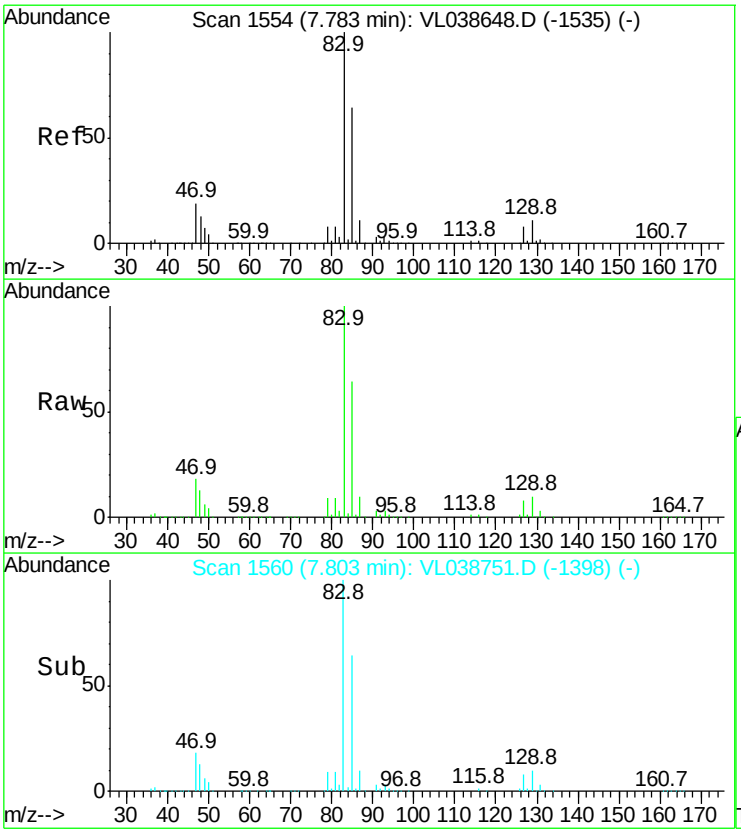
#41
Tetrahydrofuran
Concen: 8.71 ppbv
RT: 6.06
Delta R.T
Lab File:
Acq: 24 Mar 2022 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0324ABS01

Tgt Ion: 42 Resp: 598825

Ion	Ratio	Lower	Upper
42	100		
72	43.9	32.5	48.7
71	41.6	31.4	47.2

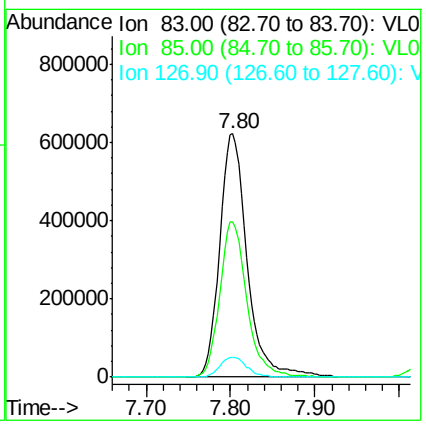


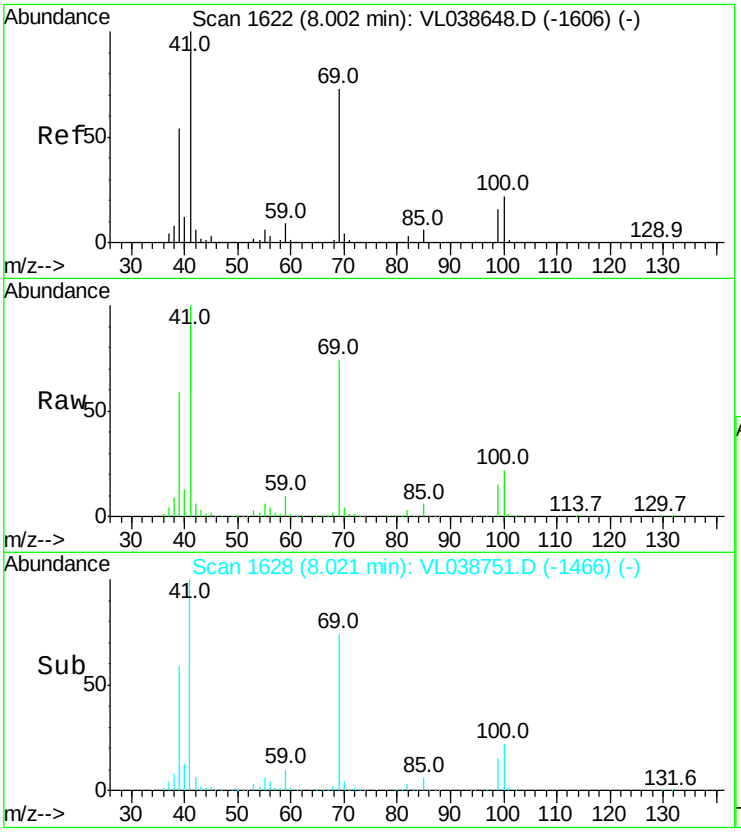


#42
Bromodichloromethane
Concen: 10.25 ppbv
RT: 7.80 min Scan# 1560
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion: 83 Resp: 1407537

Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.1	76.7
127	8.1	6.5	9.7



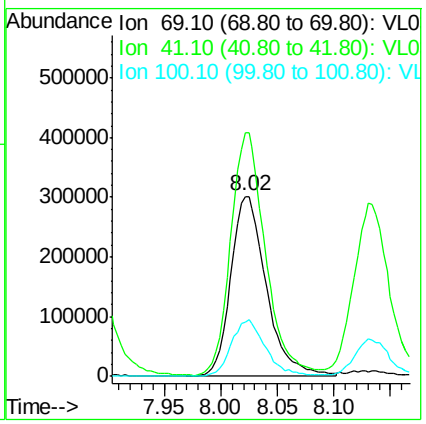


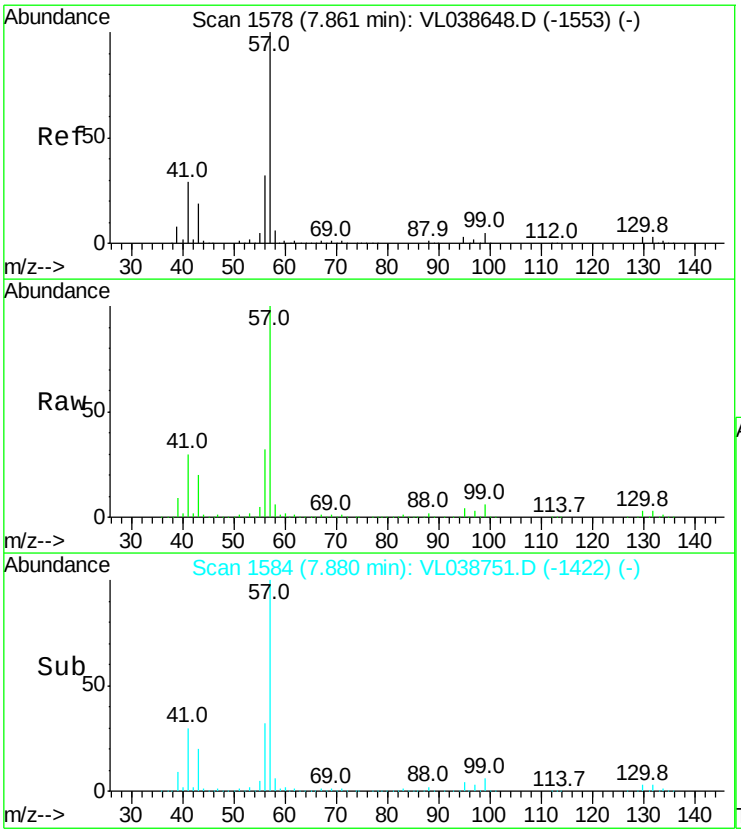
#43
Methyl Methacrylate
Concen: 9.86 ppbv
RT: 8.02
Delta R.T
Lab File:
Acq: 24 Mar 2022 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0324ABS01

Tgt Ion: 69 Resp: 659366

Ion	Ratio	Lower	Upper
69	100		
41	132.8	110.3	165.5
100	30.6	24.8	37.2

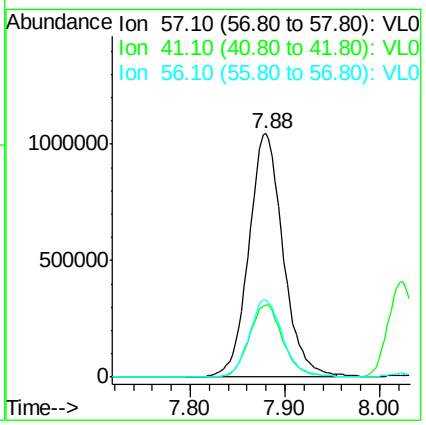


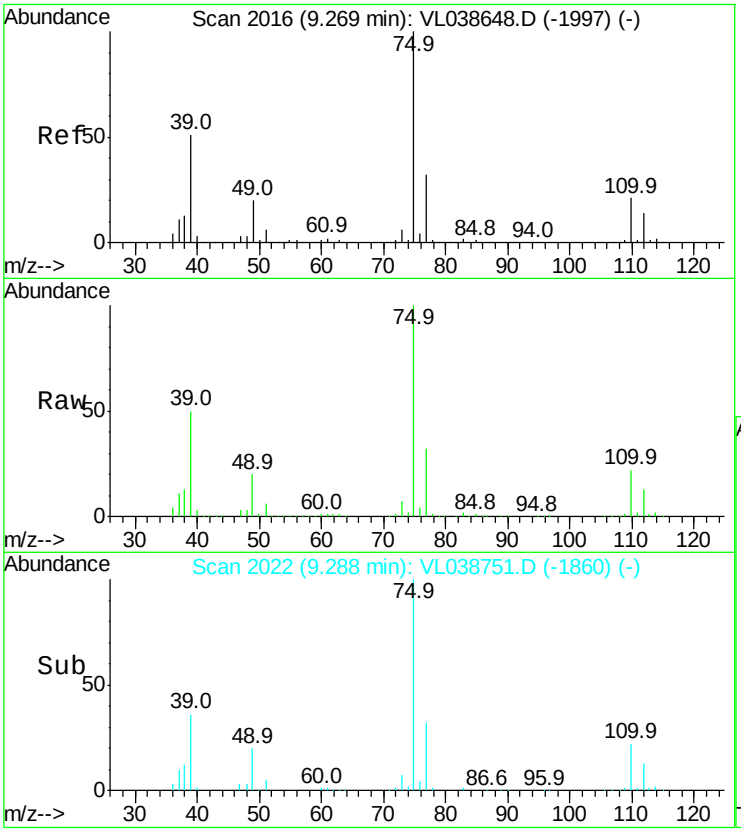


#44
2,2,4-Trimethylpentane
Concen: 8.72 ppbv
RT: 7.88 min Scan# 1584
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion: 57 Resp: 2635177

Ion	Ratio	Lower	Upper
57	100		
41	29.4	23.0	34.4
56	31.3	25.3	37.9



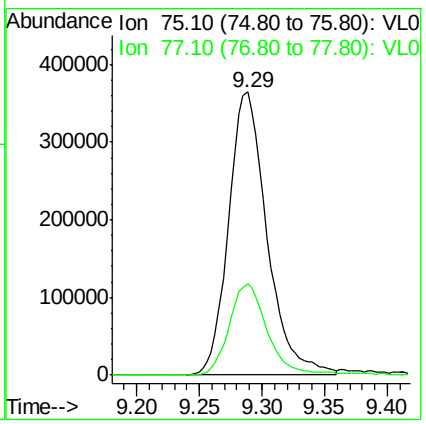


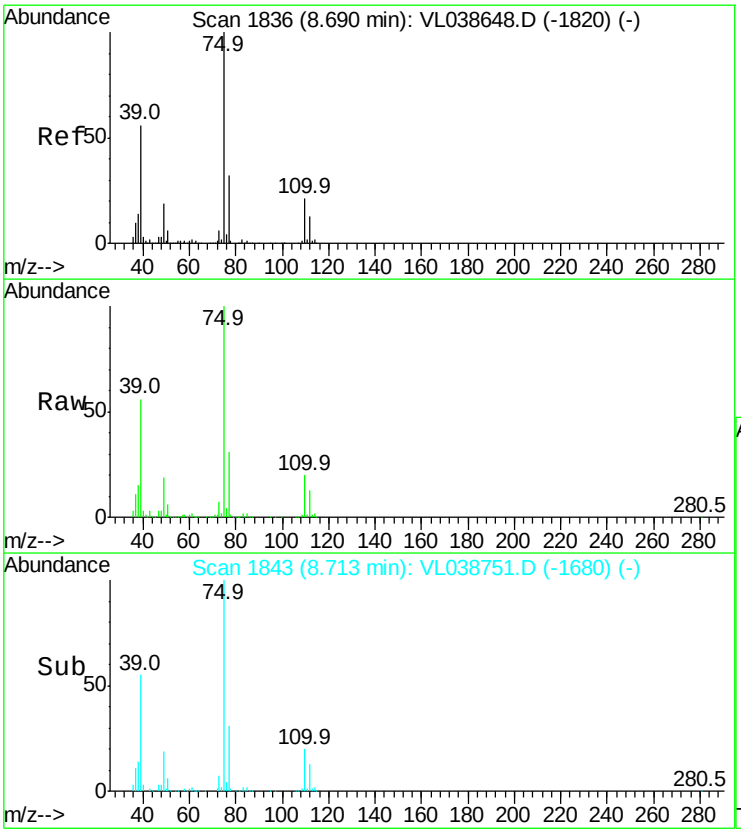
#45
t-1,3-Dichloropropene
Concen: 11.39 ppbv
RT: 9.29
Delta R.T
Lab File:
Acq: 24 Mar 2022 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0324ABS01

Tgt Ion: 75 Resp: 773991

Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.5	38.3

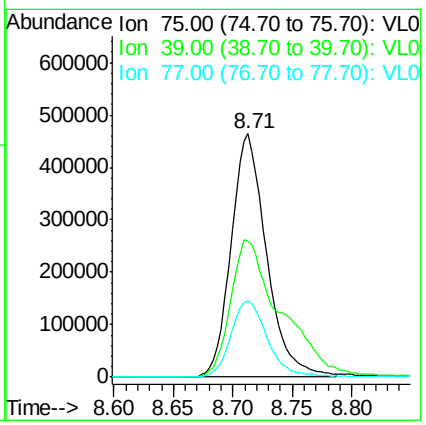


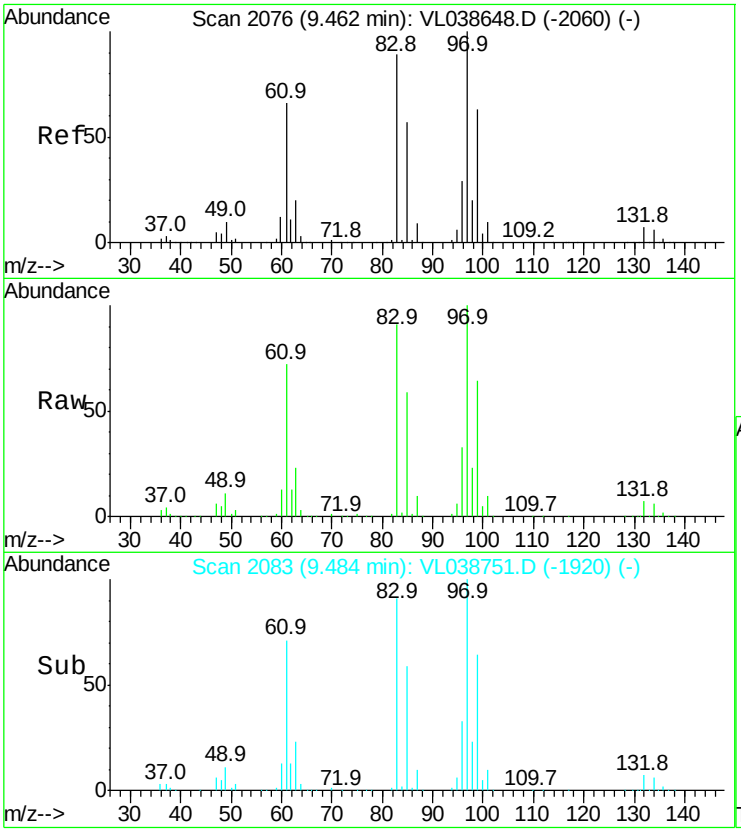


#46
cis-1,3-Dichloropropene
Concen: 10.42 ppbv
RT: 8.71 min Scan# 1843
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion: 75 Resp: 958052

Ion	Ratio	Lower	Upper
75	100		
39	55.6	44.8	67.2
77	31.0	25.4	38.0



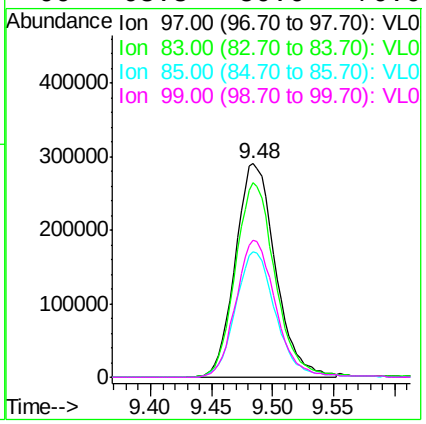


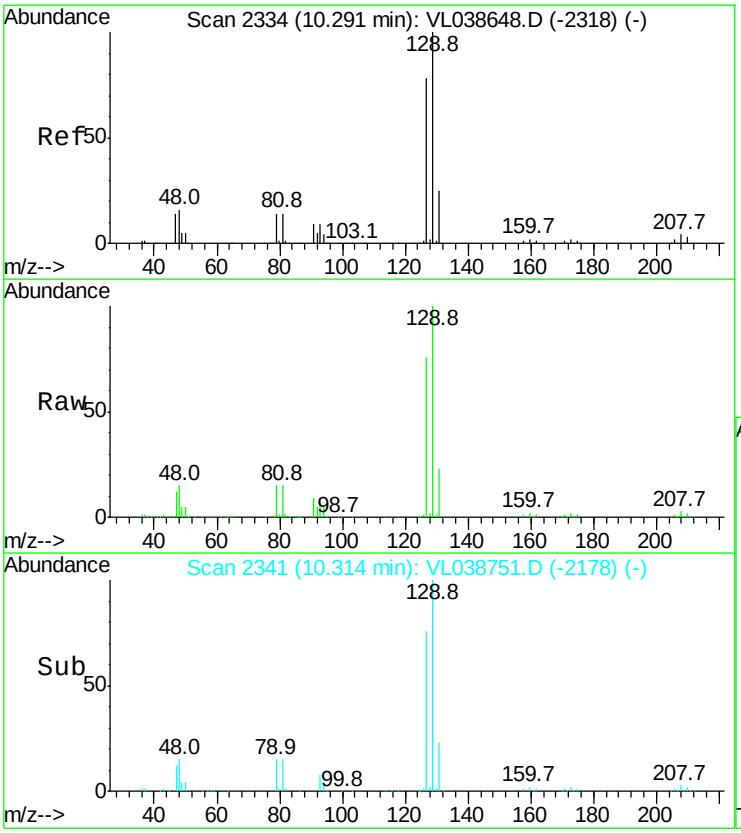
#47
1,1,2-Trichloroethane
Concen: 8.78 ppbv
RT: 9.48
Delta R.T
Lab File:
Acq: 24 Mar 2022 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0324ABS01

Tgt Ion: 97 Resp: 660054

Ion	Ratio	Lower	Upper
97	100		
83	91.1	71.2	106.8
85	58.6	45.3	67.9
99	63.8	50.6	76.0

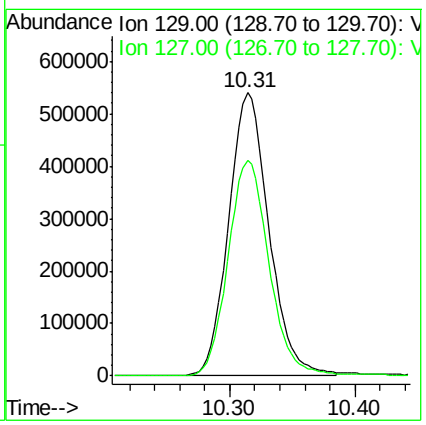


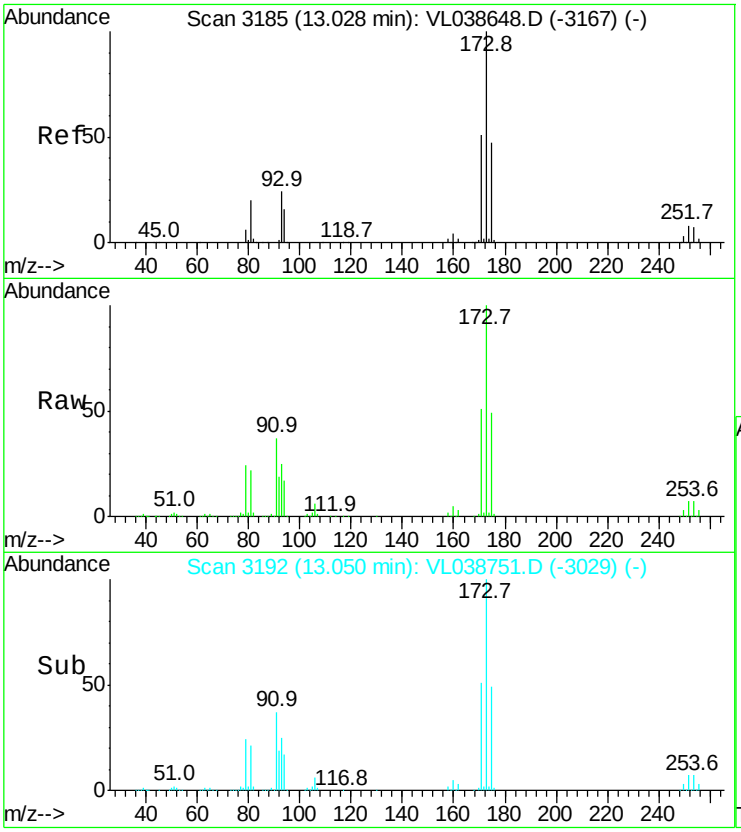


#48
Dibromochloromethane
Concen: 10.26 ppbv
RT: 10.31 min Scan# 2341
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion:129 Resp: 1207357

Ion	Ratio	Lower	Upper
129	100		
127	78.5	39.5	118.5



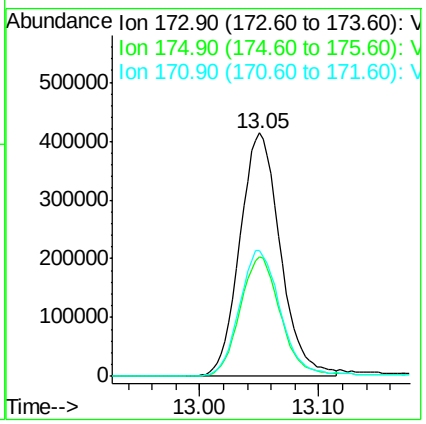


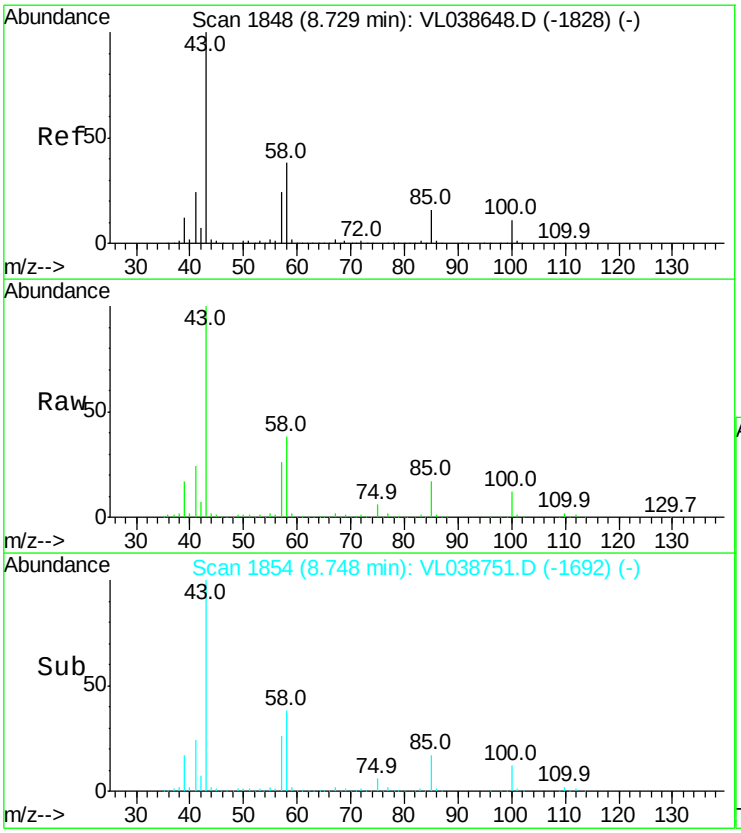
#49
Bromoform
Concen: 10.17 ppbv
RT: 13.05
Delta R.T
Lab File:
Acq: 24 Mar 2022 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0324ABS01

Tgt Ion:173 Resp: 975766

Ion	Ratio	Lower	Upper
173	100		
175	50.9	41.0	61.6
171	53.5	43.1	64.7

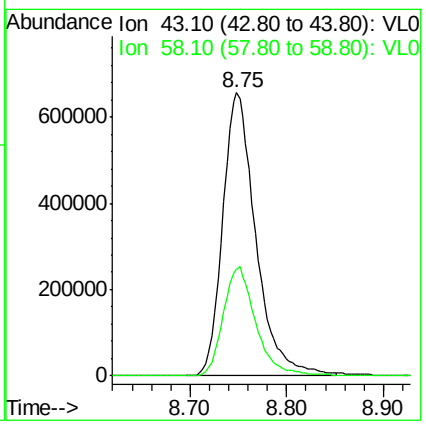


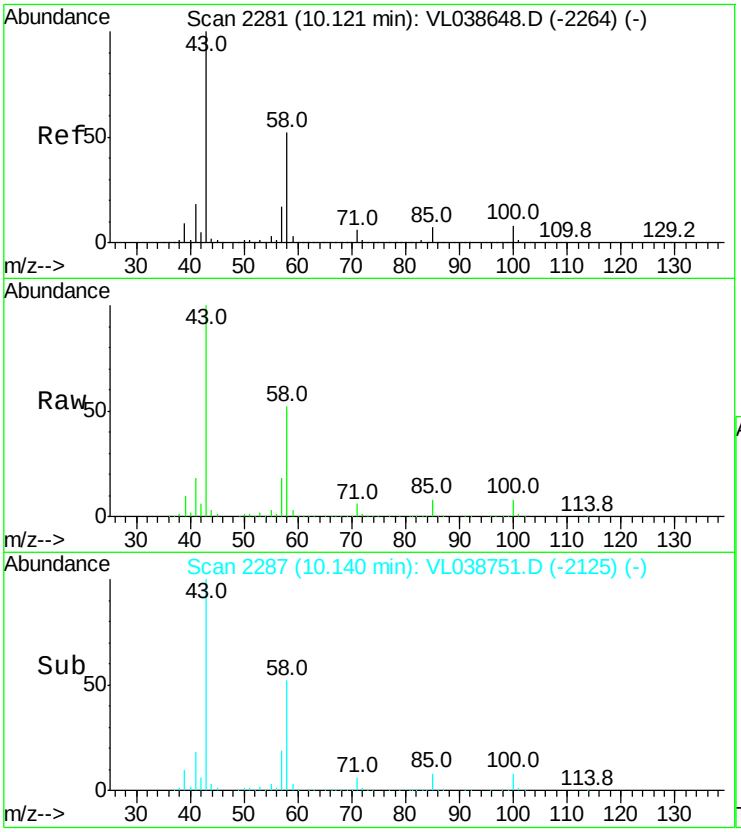


#50
4-Methyl-2-Pentanone
Concen: 9.07 ppbv
RT: 8.75 min Scan# 1854
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion: 43 Resp: 1557323

Ion	Ratio	Lower	Upper
43	100		
58	38.5	29.9	44.9



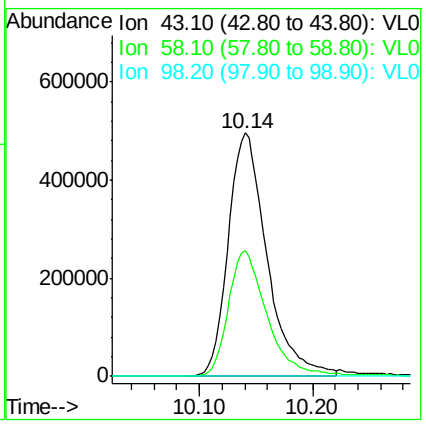


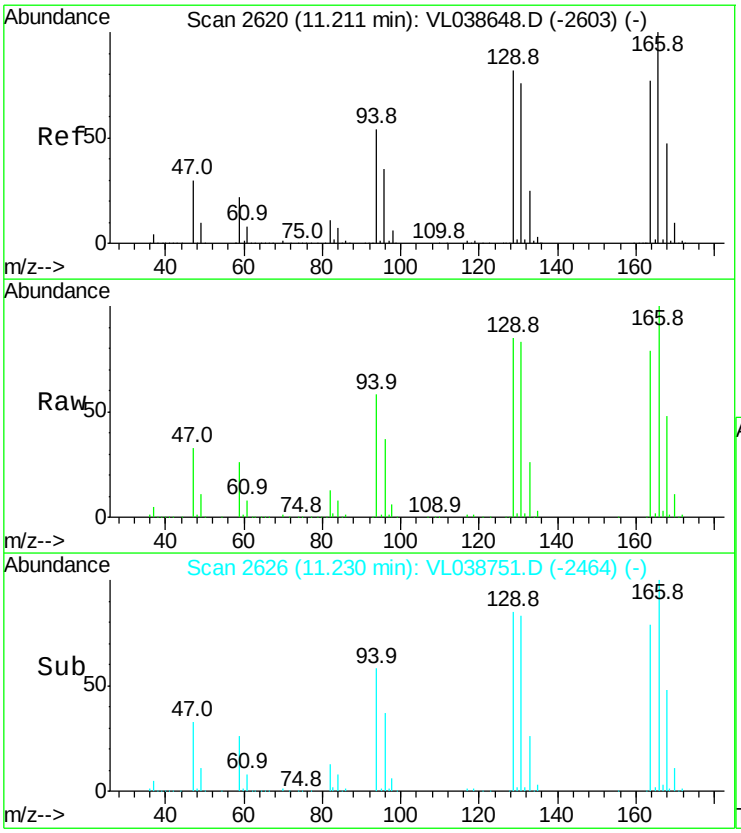
#51
2-Hexanone
Concen: 9.58 ppbv
RT: 10.14
Delta R.T
Lab File:
Acq: 24 Mar 2022 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0324ABS01

Tgt Ion: 43 Resp: 1181792

Ion	Ratio	Lower	Upper
43	100		
58	52.3	41.2	61.8
98	0.2	0.2	0.4#

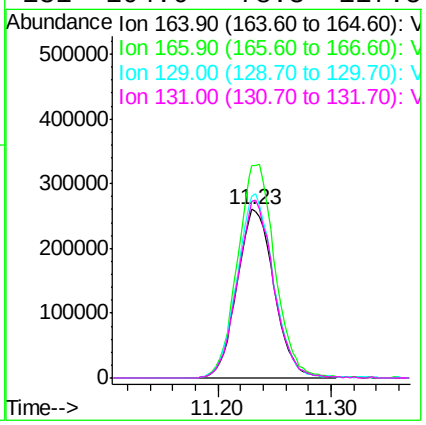


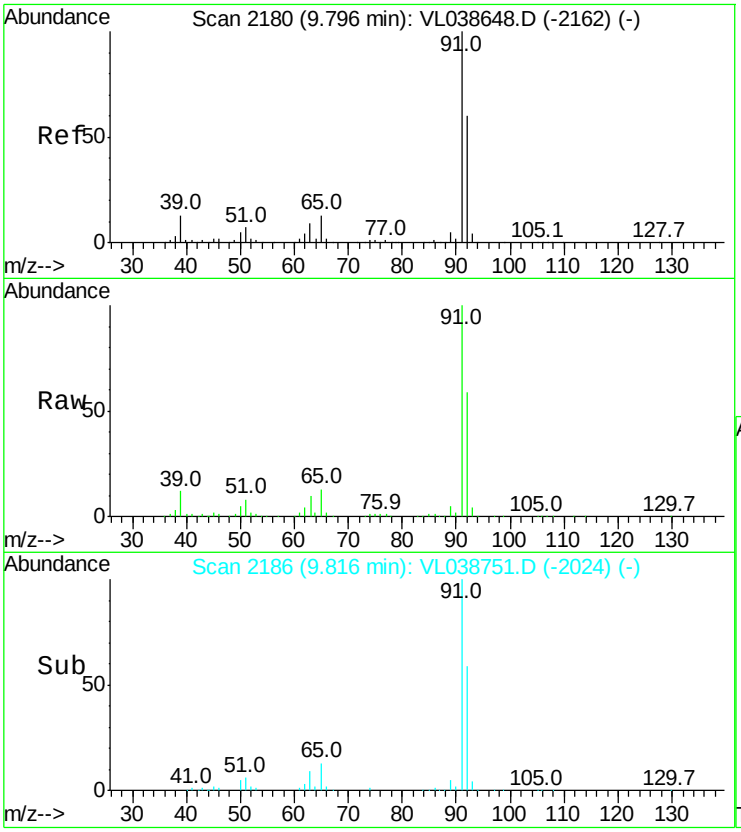


#52
Tetrachloroethene
Concen: 9.03 ppbv
RT: 11.23 min Scan# 2626
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion:164 Resp: 594621

Ion	Ratio	Lower	Upper
164	100		
166	126.1	103.3	154.9
129	107.6	85.2	127.8
131	104.6	78.3	117.5



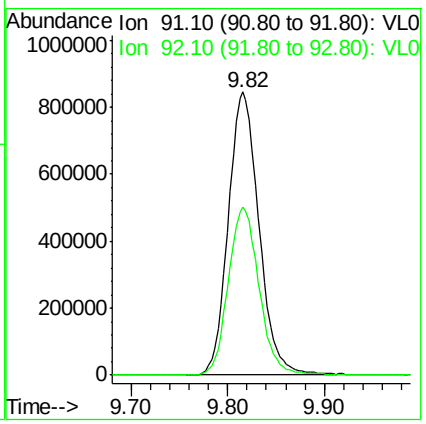


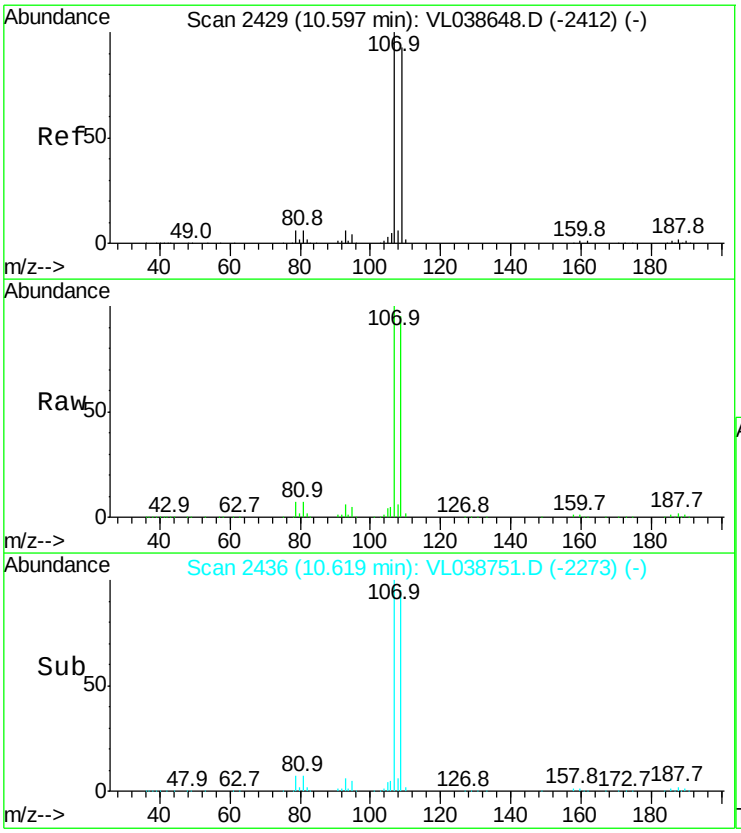
#53
Toluene
Concen: 9.64 ppbv
RT: 9.82
Delta R.T
Lab File:
Acq: 24 Mar 2022 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0324ABS01

Tgt Ion: 91 Resp: 1864005

Ion	Ratio	Lower	Upper
91	100		
92	59.7	48.7	73.1

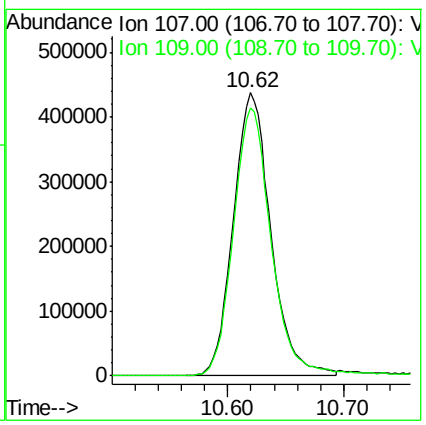


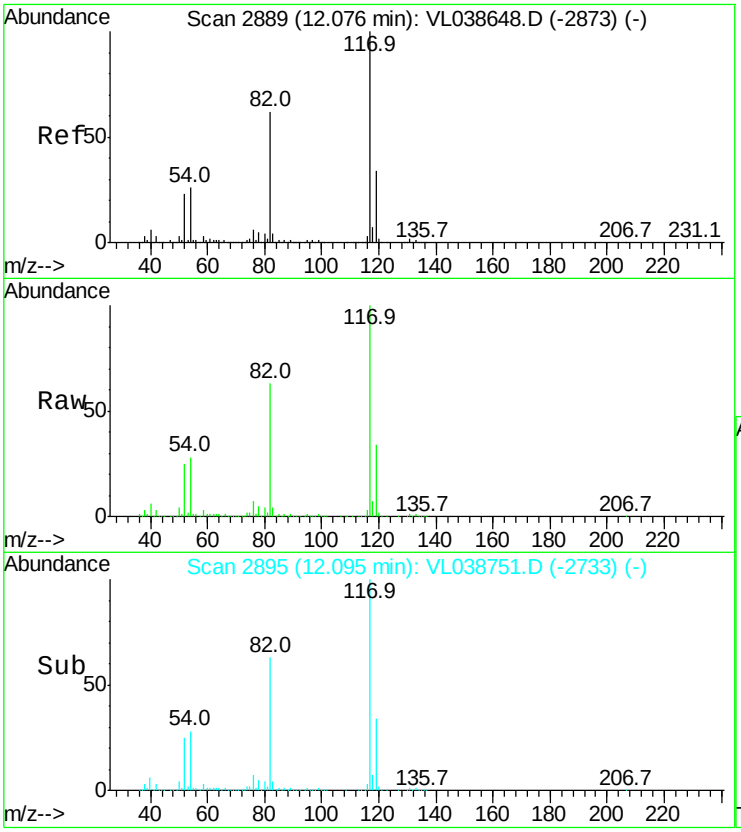


#54
1,2-Dibromoethane
Concen: 9.59 ppbv
RT: 10.62 min Scan# 2436
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion:107 Resp: 983776

Ion	Ratio	Lower	Upper
107	100		
109	94.6	74.1	111.1



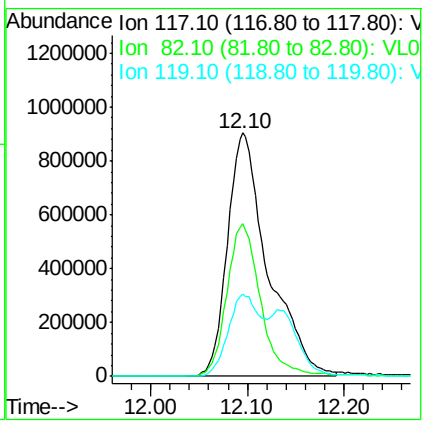


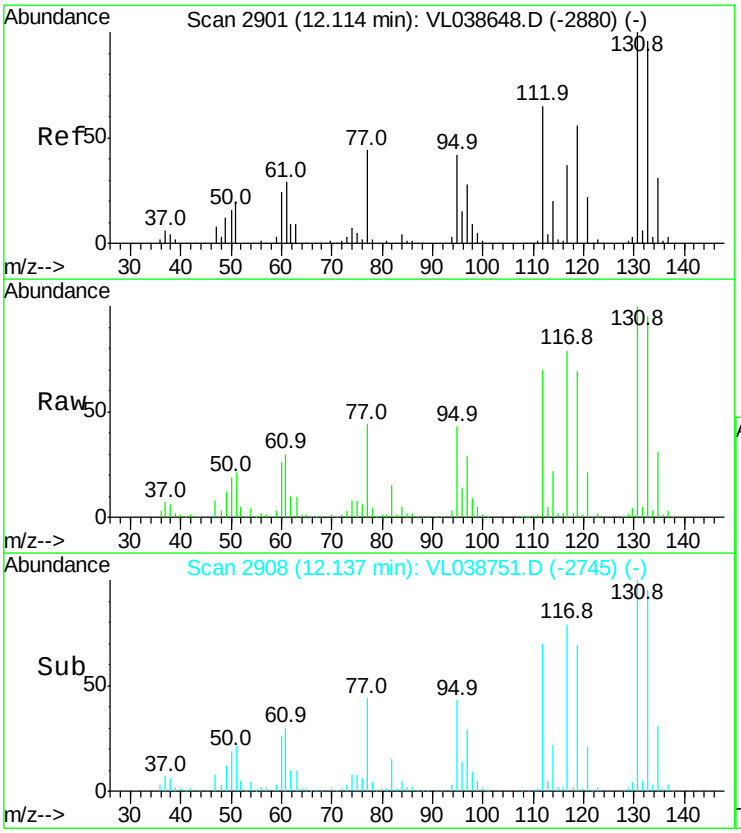
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.10
Delta R.T
Lab File:
Acq: 24 Mar 2022 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0324ABS01

Tgt Ion:117 Resp: 2635141

Ion	Ratio	Lower	Upper
117	100		
82	53.0	51.6	77.4
119	47.1	26.9	40.3#

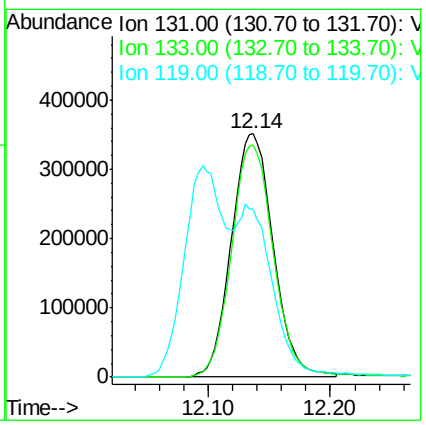


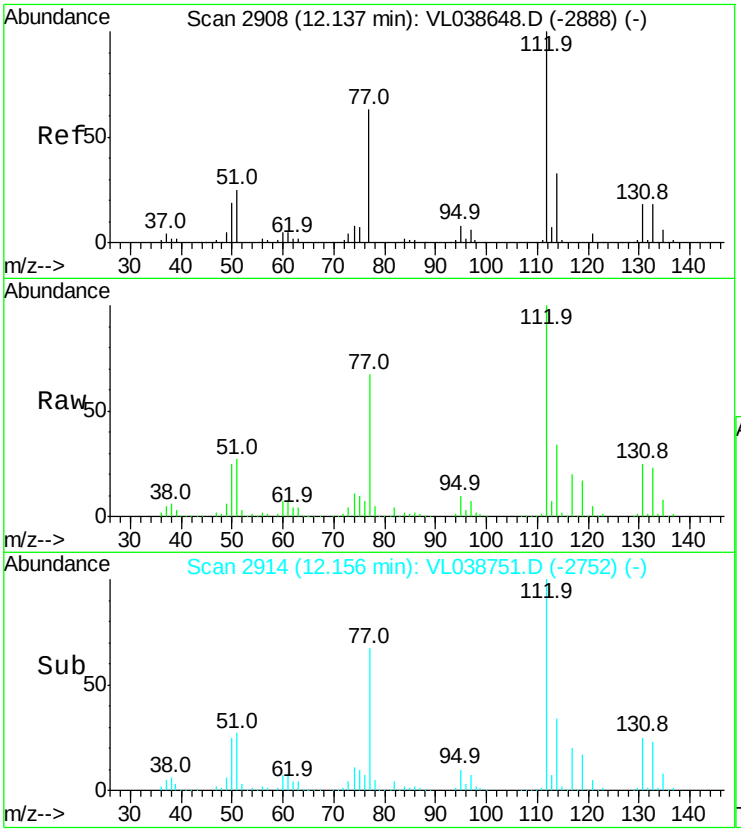


#56
1,1,1,2-Tetrachloroethane
Concen: 7.65 ppbv
RT: 12.14 min Scan# 2908
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion:131 Resp: 835854

Ion	Ratio	Lower	Upper
131	100		
133	96.2	77.3	115.9
119	148.6	53.0	79.6#



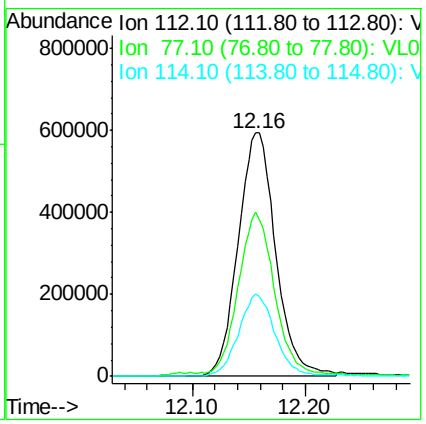


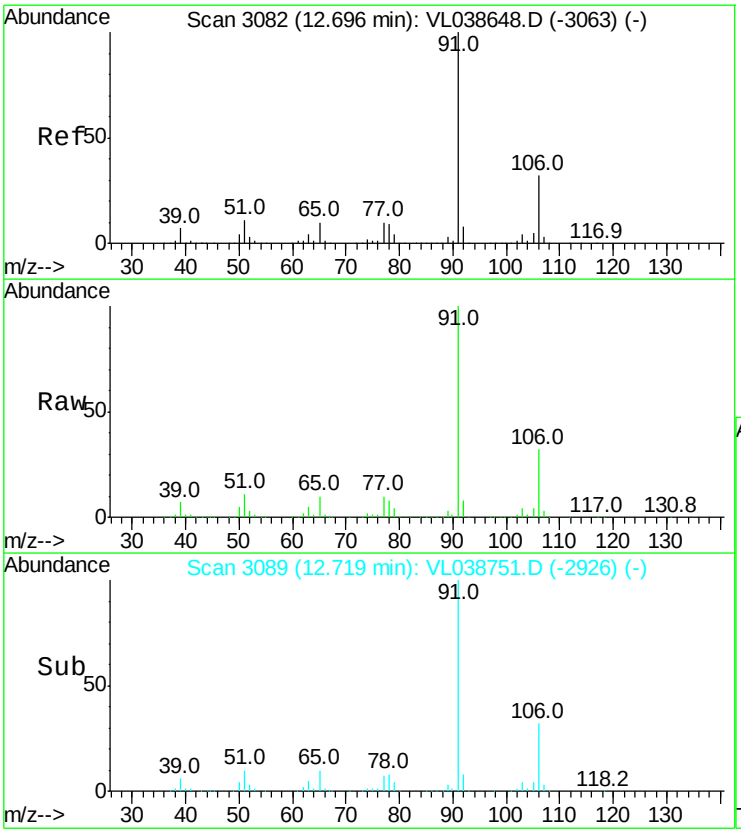
#57
Chlorobenzene
Concen: 7.22 ppbv
RT: 12.16
Delta R.T
Lab File:
Acq: 24 Mar 2022 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0324ABS01

Tgt Ion:112 Resp: 1373050

Ion	Ratio	Lower	Upper
112	100		
77	66.3	51.0	76.6
114	33.9	29.8	36.4

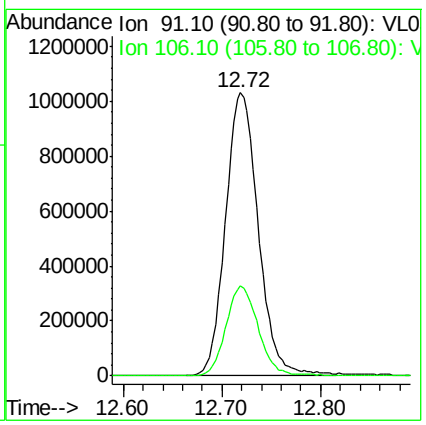


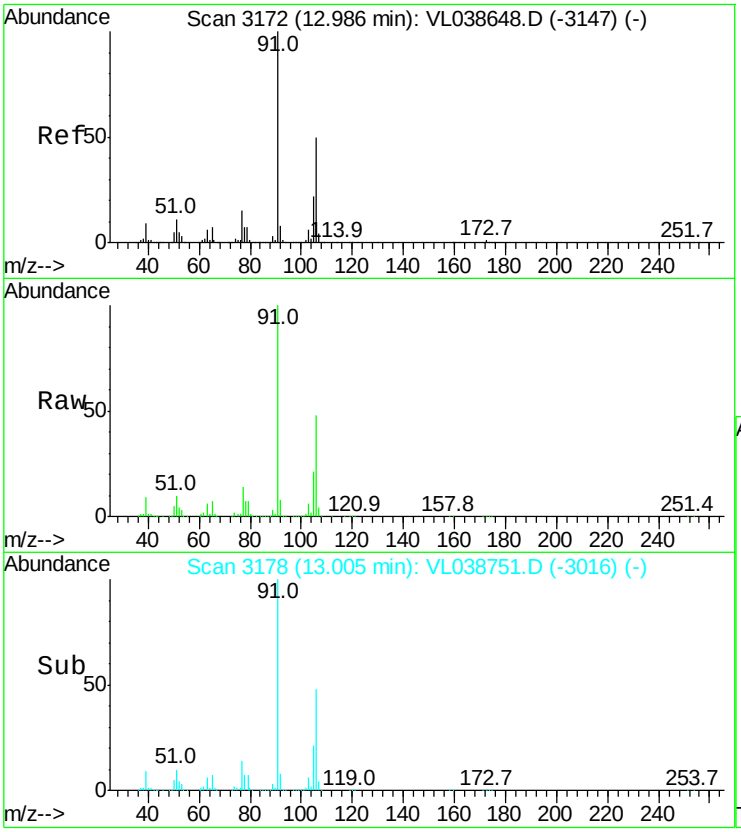


#58
Ethyl Benzene
Concen: 7.77 ppbv
RT: 12.72 min Scan# 3089
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion: 91 Resp: 2393504

Ion	Ratio	Lower	Upper
91	100		
106	31.7	25.4	38.0



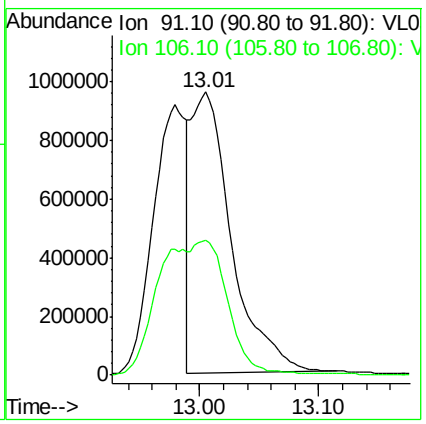


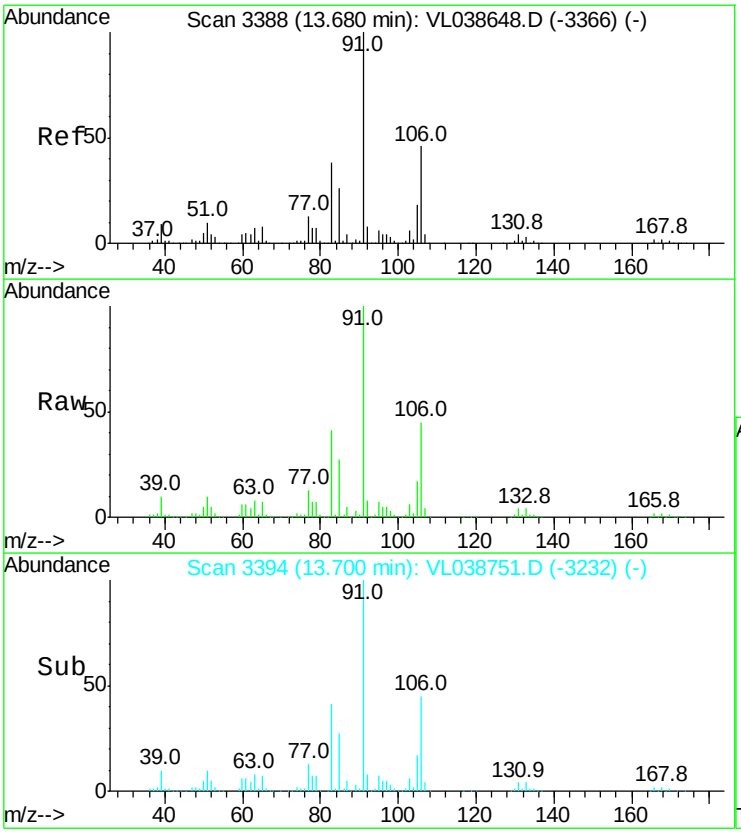
#59
m/p-Xylene
Concen: 8.39 ppbv
RT: 13.01
Delta R.T
Lab File:
Acq: 24 Mar 2022 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0324ABS01

Tgt Ion: 91 Resp: 2260821

Ion	Ratio	Lower	Upper
91	100		
106	81.8	37.2	55.8#

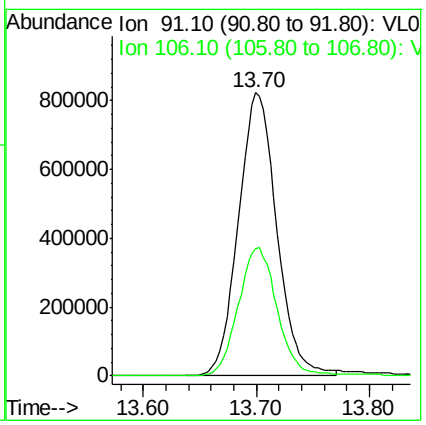


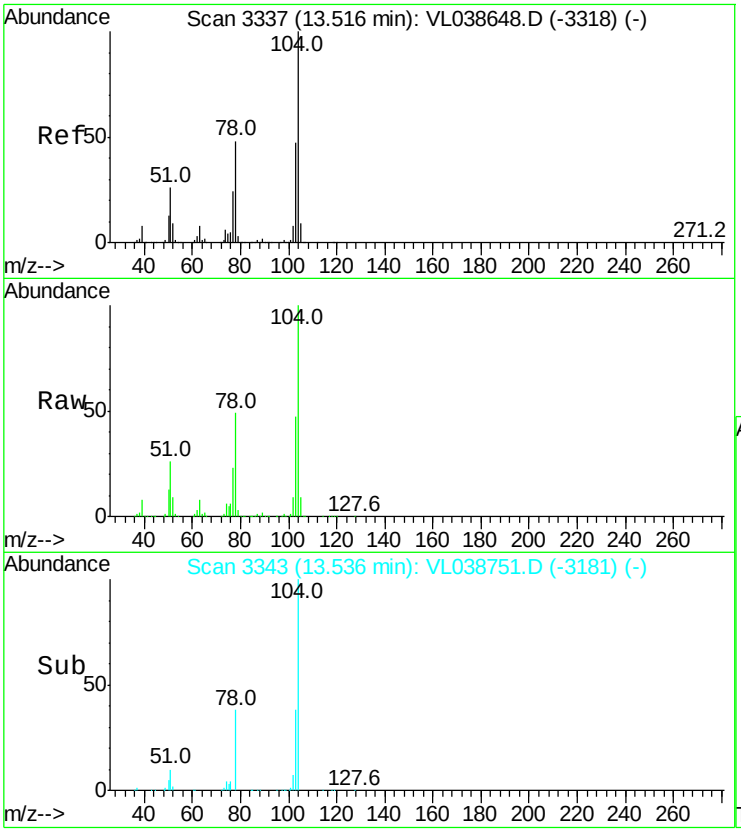


#60
o-Xylene
Concen: 7.58 ppbv
RT: 13.70 min Scan# 3394
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion: 91 Resp: 1940540

Ion	Ratio	Lower	Upper
91	100		
106	46.9	23.5	70.5



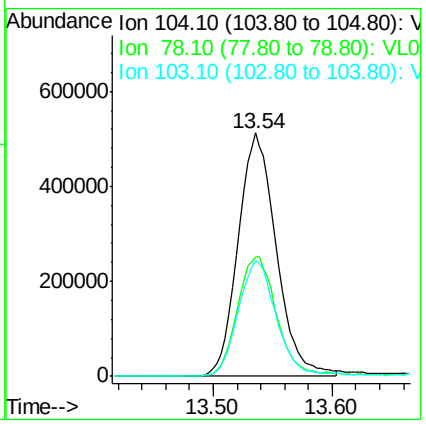


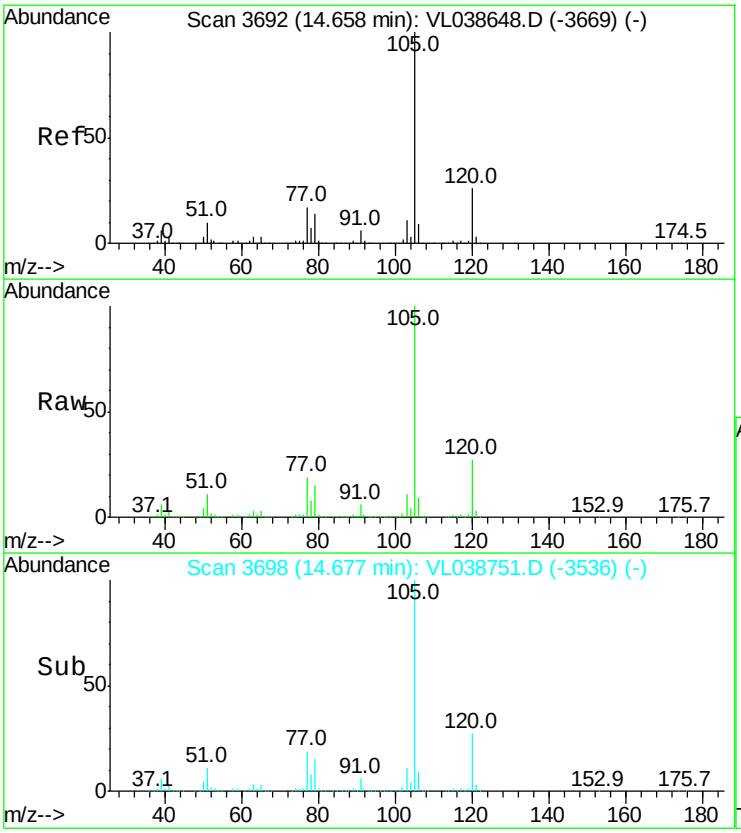
#61
Styrene
Concen: 8.20 ppbv
RT: 13.54
Delta R.T
Lab File:
Acq: 24 Mar 2022 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0324ABS01

Tgt Ion:104 Resp: 1138448

Ion	Ratio	Lower	Upper
104	100		
78	51.5	39.0	58.4
103	48.3	37.8	56.8

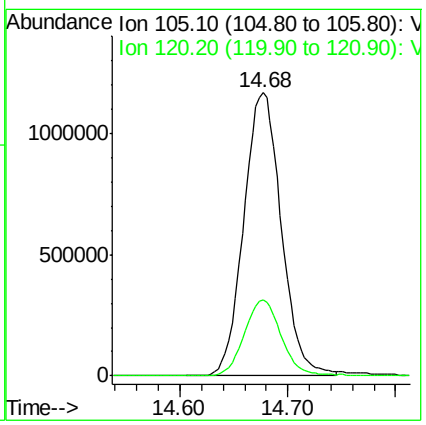


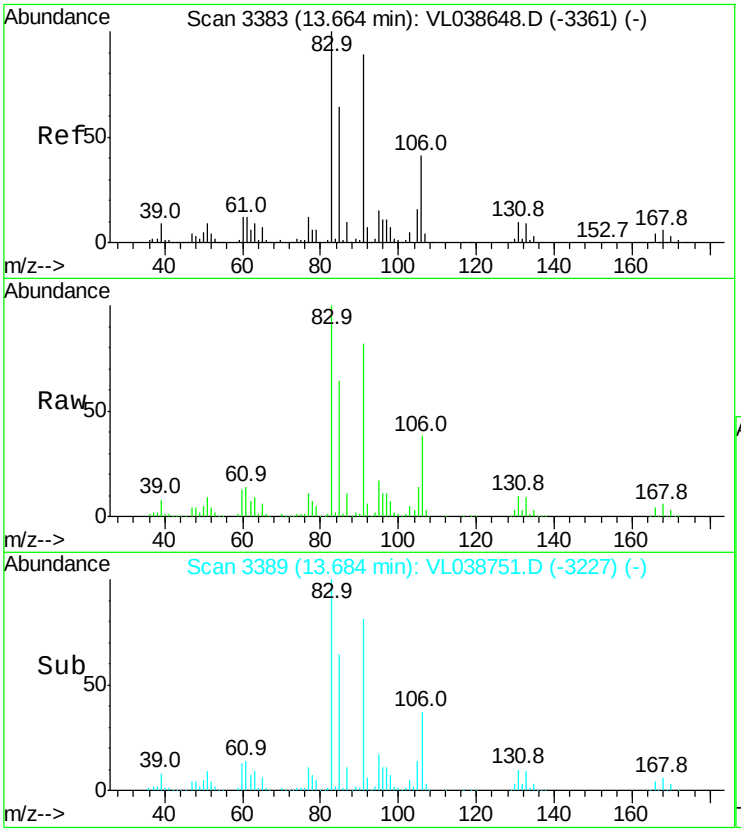


#62
Isopropylbenzene
Concen: 7.34 ppbv
RT: 14.68 min Scan# 3698
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion:105 Resp: 2824638

Ion	Ratio	Lower	Upper
105	100		
120	26.6	21.2	31.8



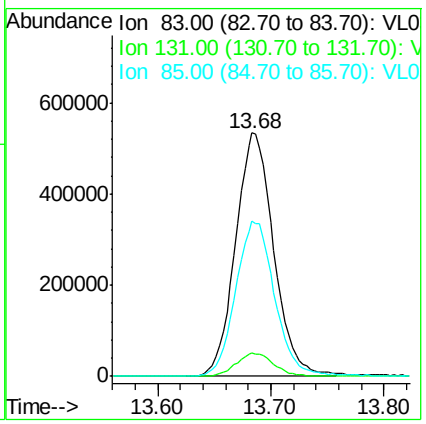


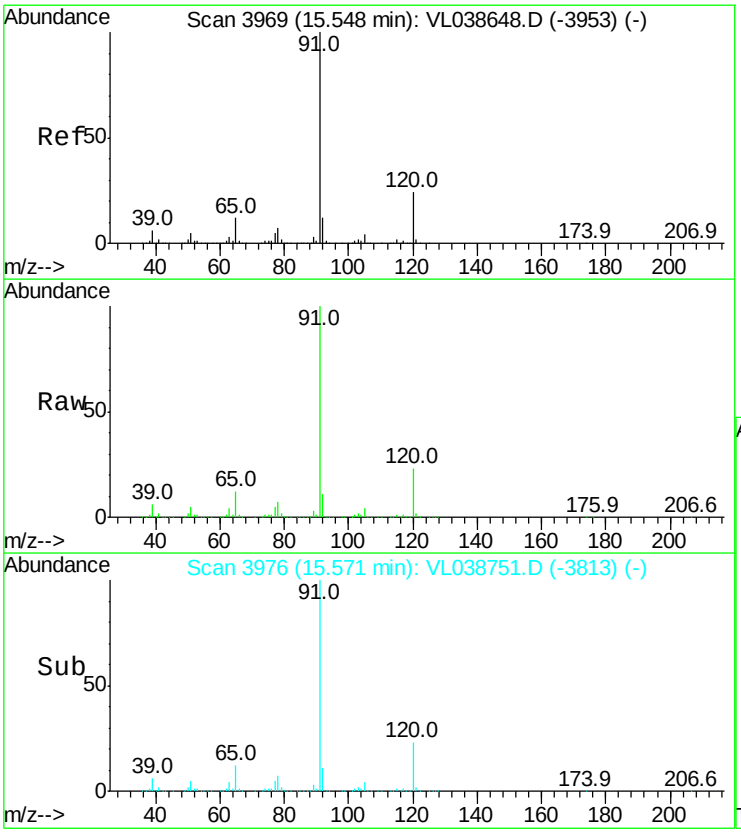
#63
1,1,2,2-Tetrachloroethane
Concen: 6.30 ppbv
RT: 13.68
Delta R.T
Lab File:
Acq: 24 Mar 2022 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0324ABS01

Tgt Ion: 83 Resp: 1248069

Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.8	14.3
85	66.0	32.6	97.8

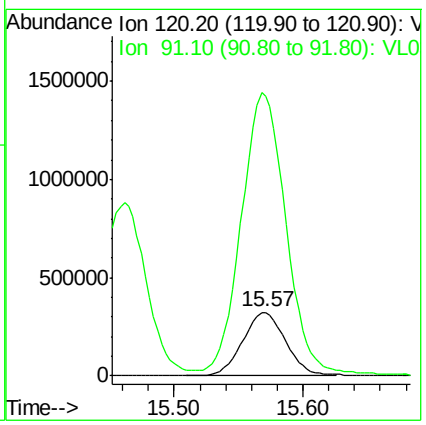


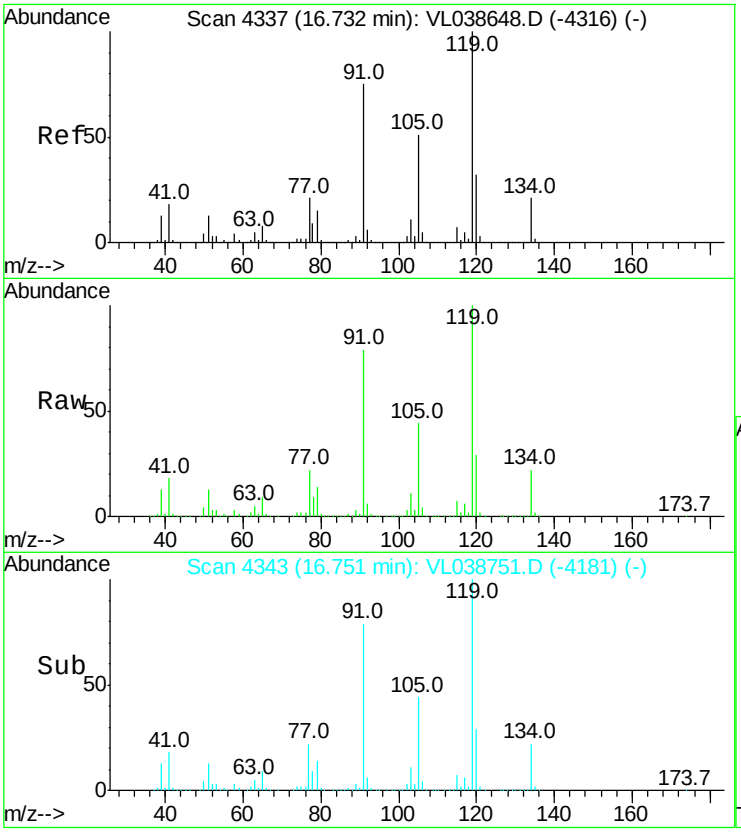


#64
n-propylbenzene
Concen: 7.43 ppbv
RT: 15.57 min Scan# 3976
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion:120 Resp: 750438

Ion	Ratio	Lower	Upper
120	100		
91	467.8	368.0	552.0



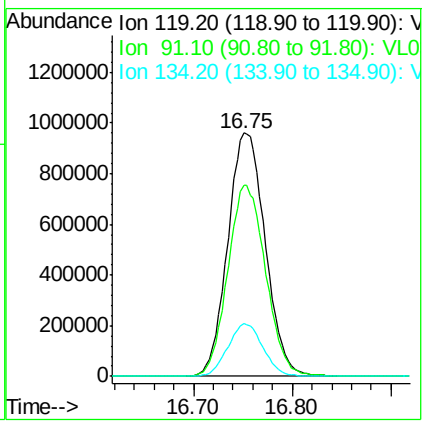


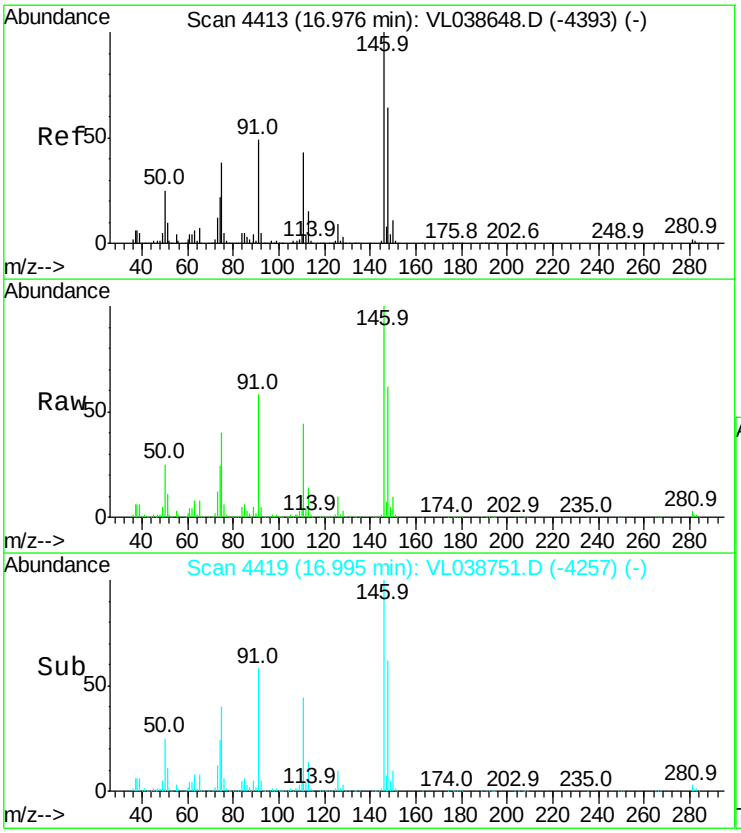
#65
tert-Butylbenzene
Concen: 7.36 ppbv
RT: 16.75
Delta R.T
Lab File:
Acq: 24 Mar 2022 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0324ABS01

Tgt Ion:119 Resp: 2542411

Ion	Ratio	Lower	Upper
119	100		
91	79.2	61.2	91.8
134	20.3	16.3	24.5

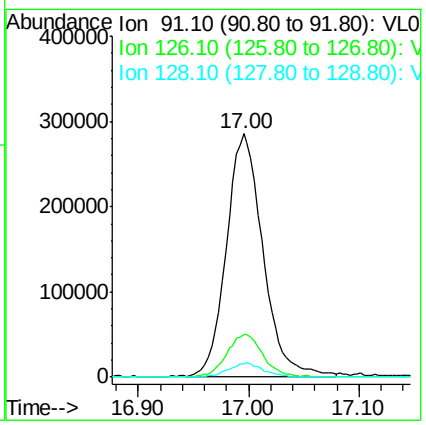


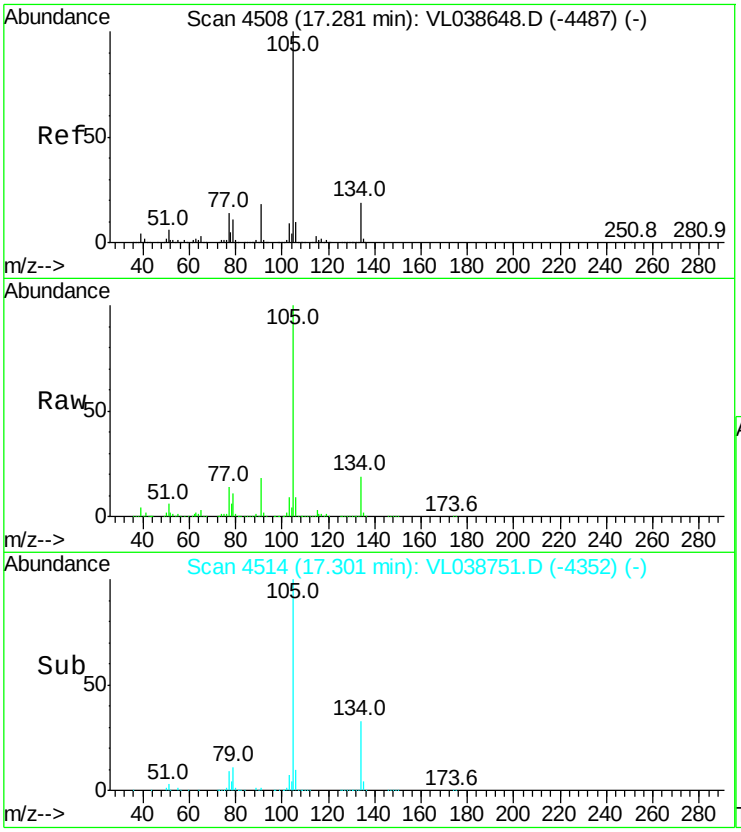


#66
Benzyl Chloride
Concen: 9.93 ppbv
RT: 17.00 min Scan# 4419
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion: 91 Resp: 650136

Ion	Ratio	Lower	Upper
91	100		
126	17.9	14.3	21.5
128	5.6	4.6	6.8



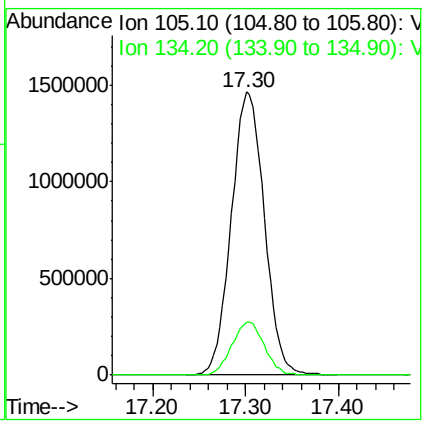


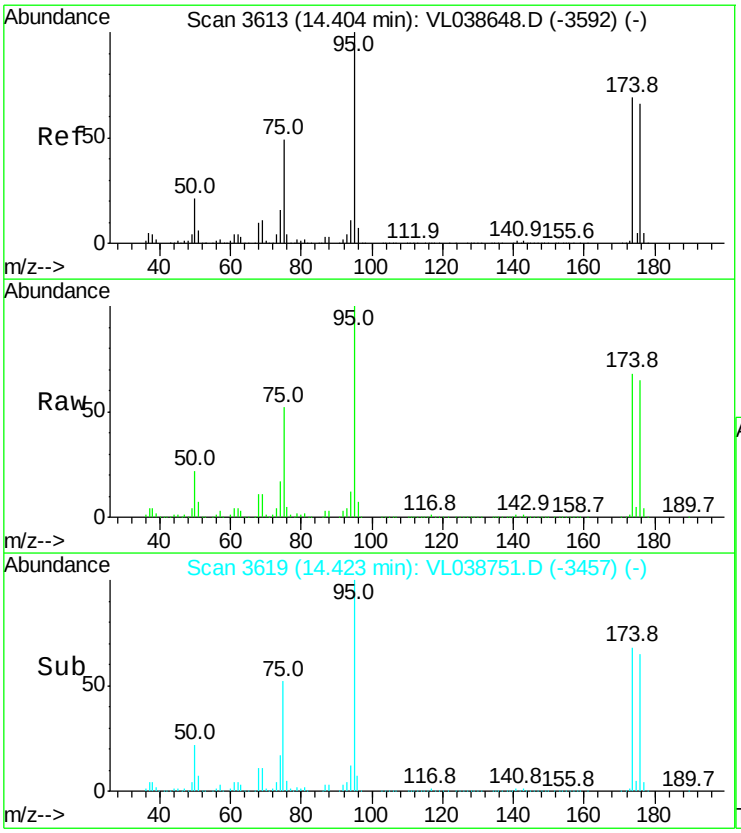
#67
sec-Butylbenzene
Concen: 7.32 ppbv
RT: 17.30
Delta R.T
Lab File:
Acq: 24 Mar 2022 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0324ABS01

Tgt Ion:105 Resp: 3615983

Ion	Ratio	Lower	Upper
105	100		
134	18.7	15.1	22.7

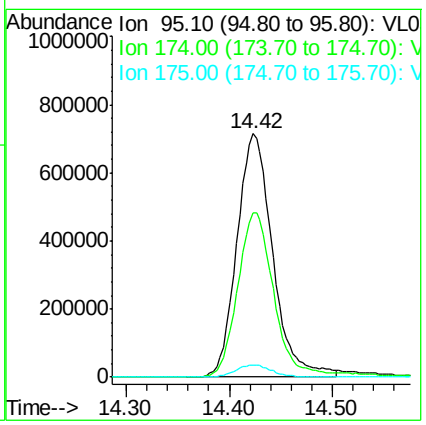


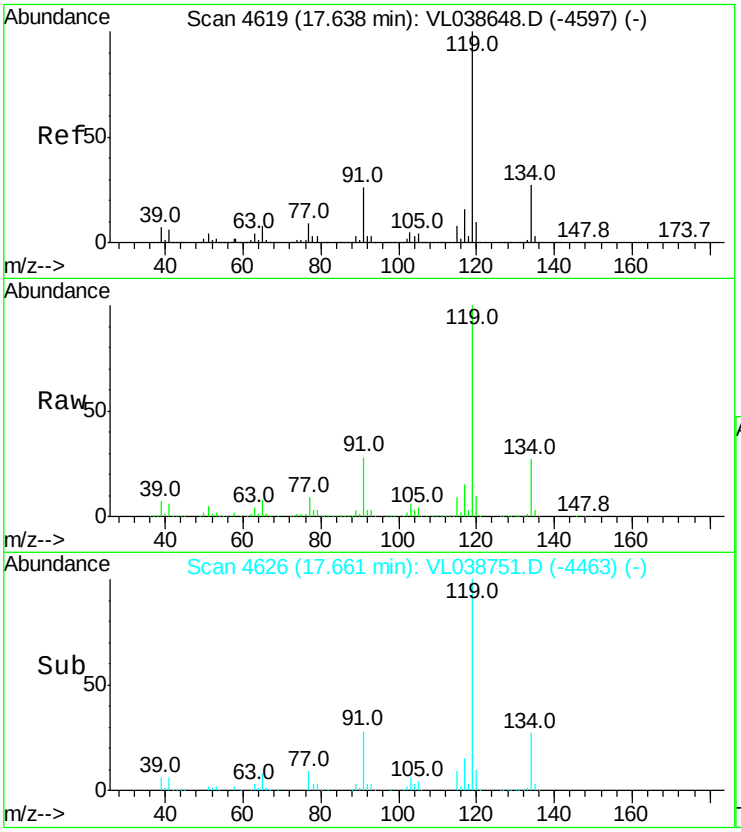


#68
1-Bromo-4-Fluorobenzene
Concen: 8.53 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion: 95 Resp: 1723843

Ion	Ratio	Lower	Upper
95	100		
174	70.1	56.1	84.1
175	5.3	4.2	6.2



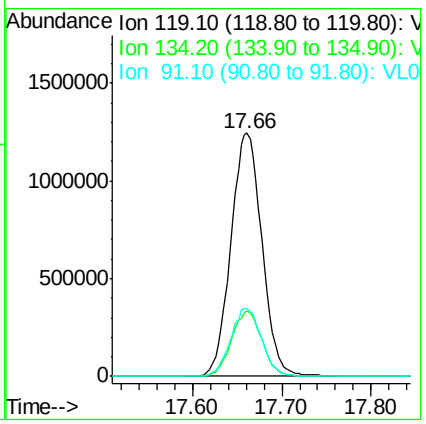


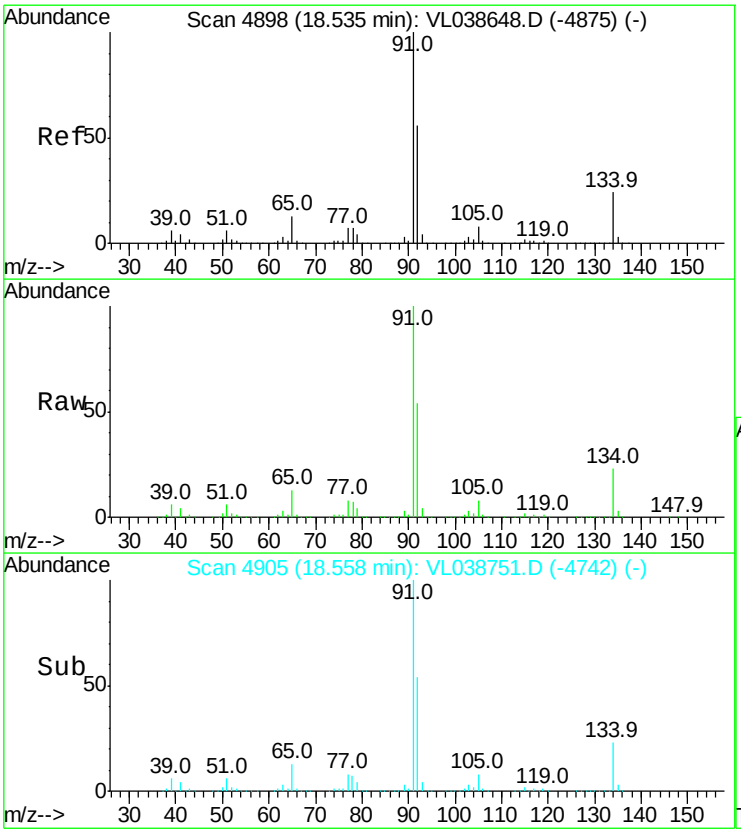
#69
p-Isopropyltoluene
Concen: 7.46 ppbv
RT: 17.66
Delta R.T
Lab File:
Acq: 24 Mar 2022 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0324ABS01

Tgt Ion:119 Resp: 3009084

Ion	Ratio	Lower	Upper
119	100		
134	26.3	21.2	31.8
91	27.8	21.4	32.2

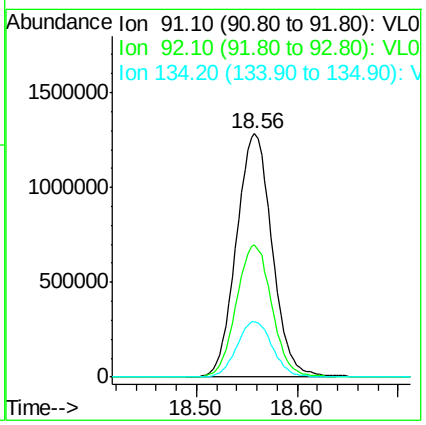


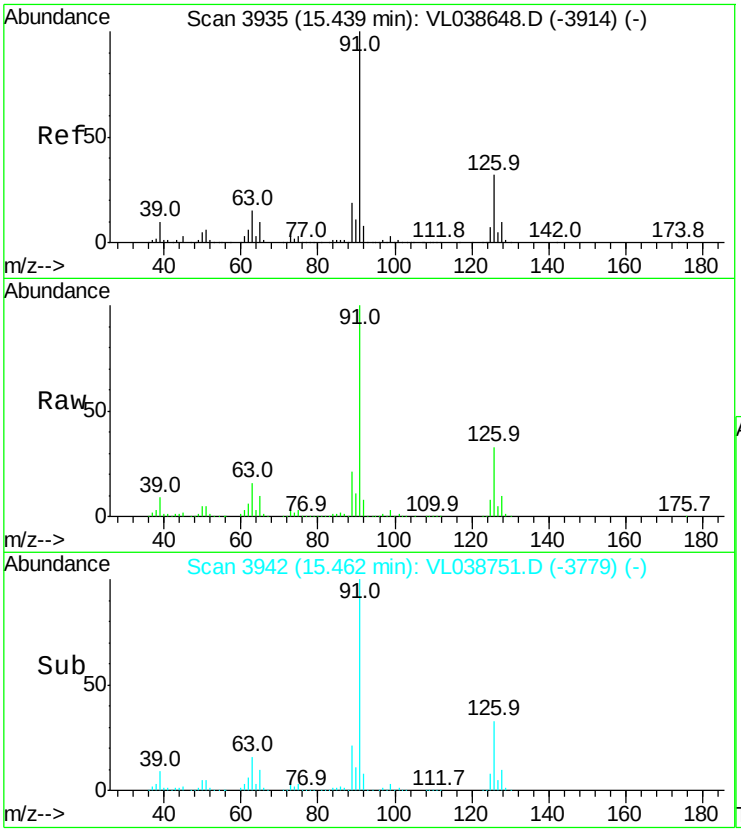


#70
n-Butylbenzene
Concen: 7.57 ppbv
RT: 18.56 min Scan# 4905
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion: 91 Resp: 3150795

Ion	Ratio	Lower	Upper
91	100		
92	54.4	43.9	65.9
134	22.9	18.7	28.1



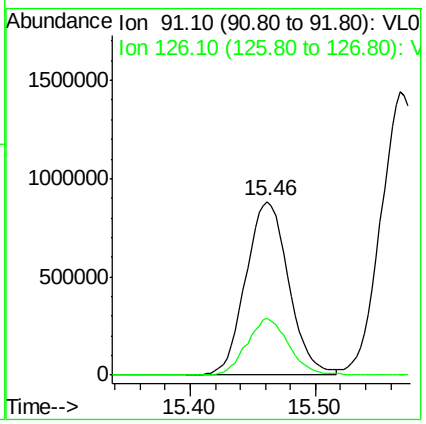


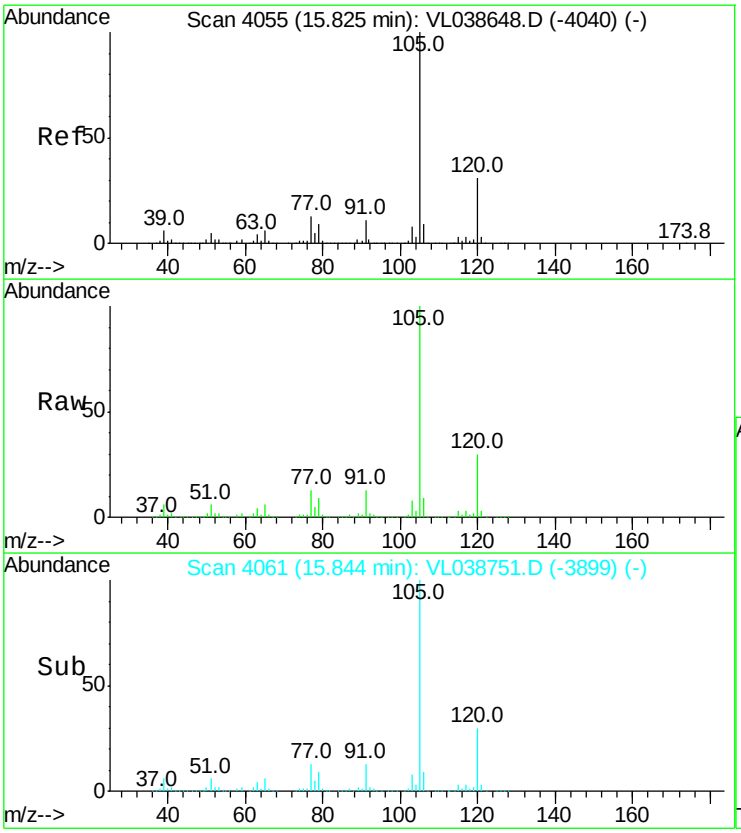
#71
2-Chlorotoluene
Concen: 7.36 ppbv
RT: 15.46
Delta R.T
Lab File:
Acq: 24 Mar 2022 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0324ABS01

Tgt Ion: 91 Resp: 2100492

Ion	Ratio	Lower	Upper
91	100		
126	32.7	13.1	52.3

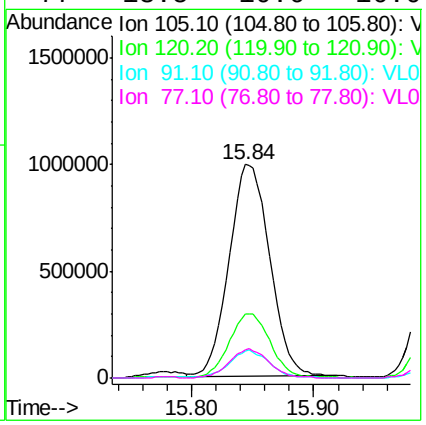


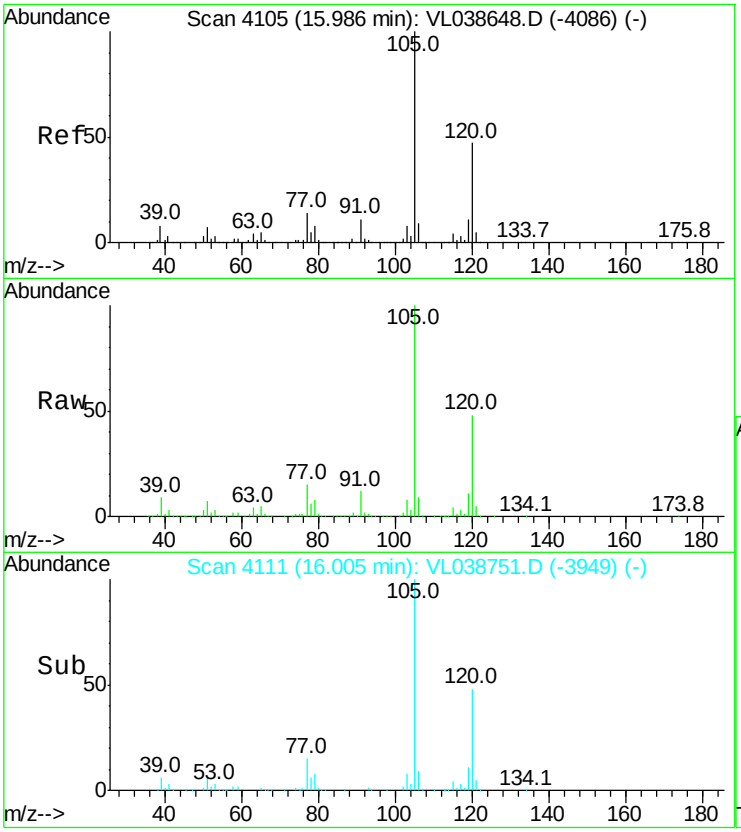


#72
4-Ethyltoluene
Concen: 7.64 ppbv
RT: 15.84 min Scan# 4061
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion:105 Resp: 2306167

Ion	Ratio	Lower	Upper
105	100		
120	31.0	24.9	37.3
91	12.6	9.8	14.6
77	13.5	10.6	16.0



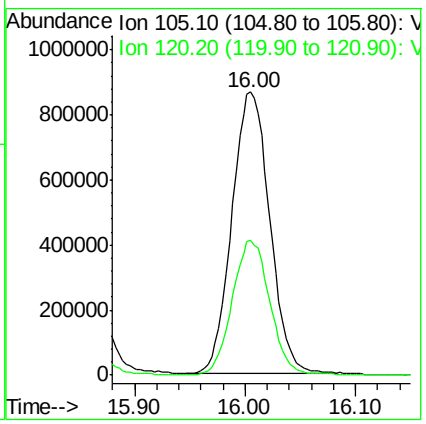


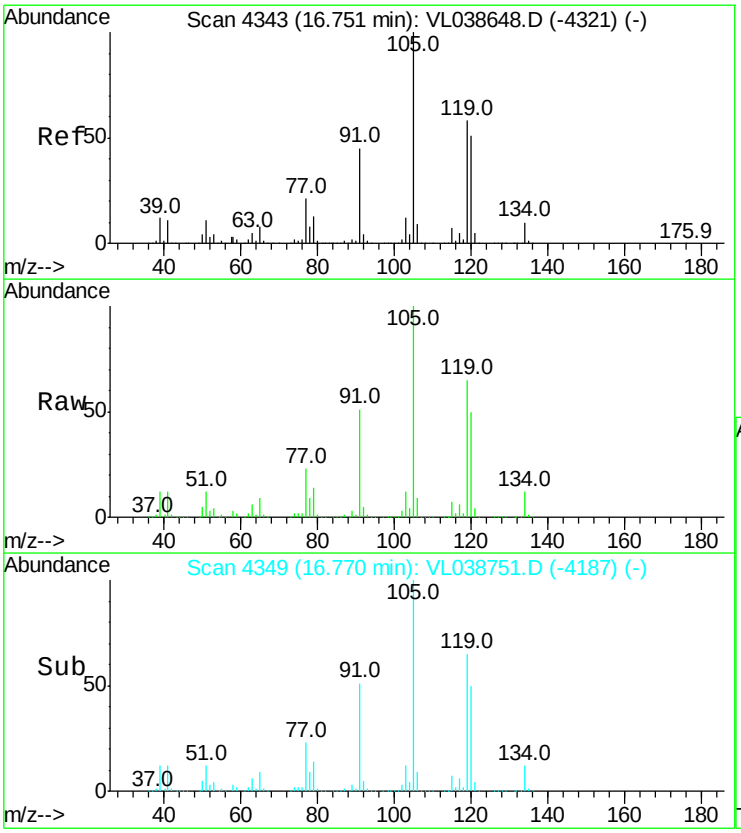
#73
1,3,5-Trimethylbenzene
Concen: 7.47 ppbv
RT: 16.00
Delta R.T
Lab File:
Acq: 24 Mar 2022 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0324ABS01

Tgt Ion:105 Resp: 2055826

Ion	Ratio	Lower	Upper
105	100		
120	47.8	37.6	56.4

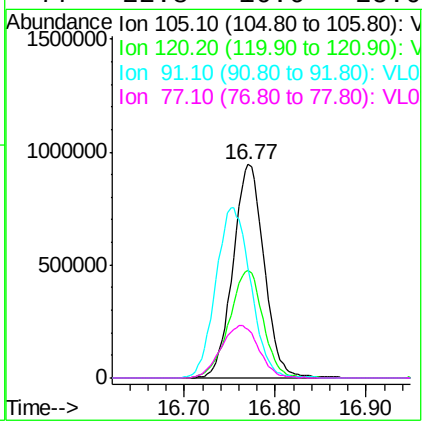


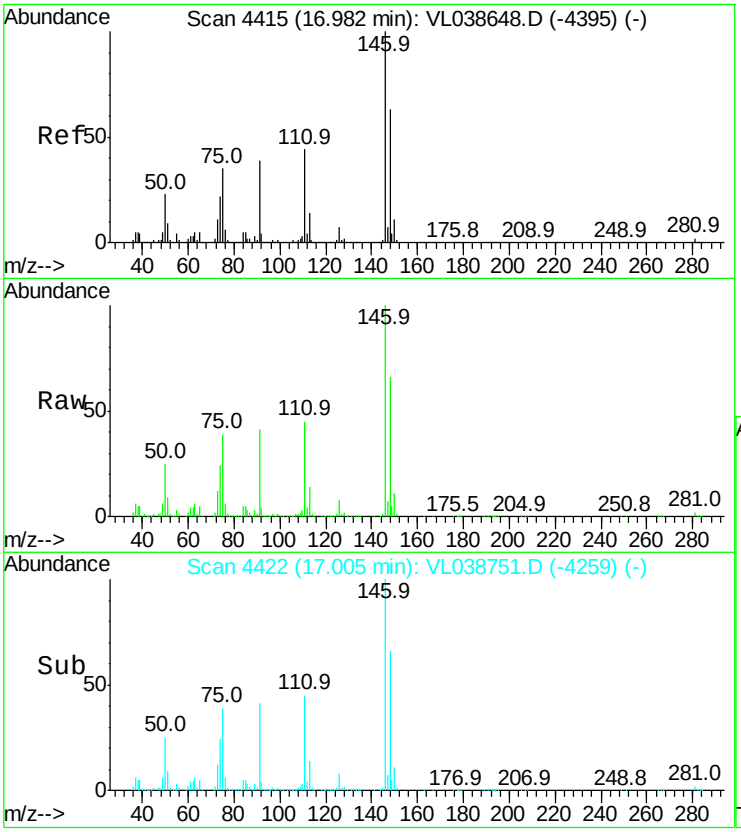


#74
1,2,4-Trimethylbenzene
Concen: 7.47 ppbv
RT: 16.77 min Scan# 4349
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion:105 Resp: 2240779

Ion	Ratio	Lower	Upper
105	100		
120	50.0	40.5	60.7
91	51.4	35.9	53.9
77	22.8	16.6	25.0



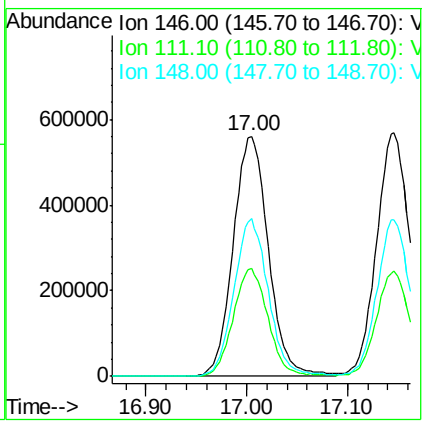


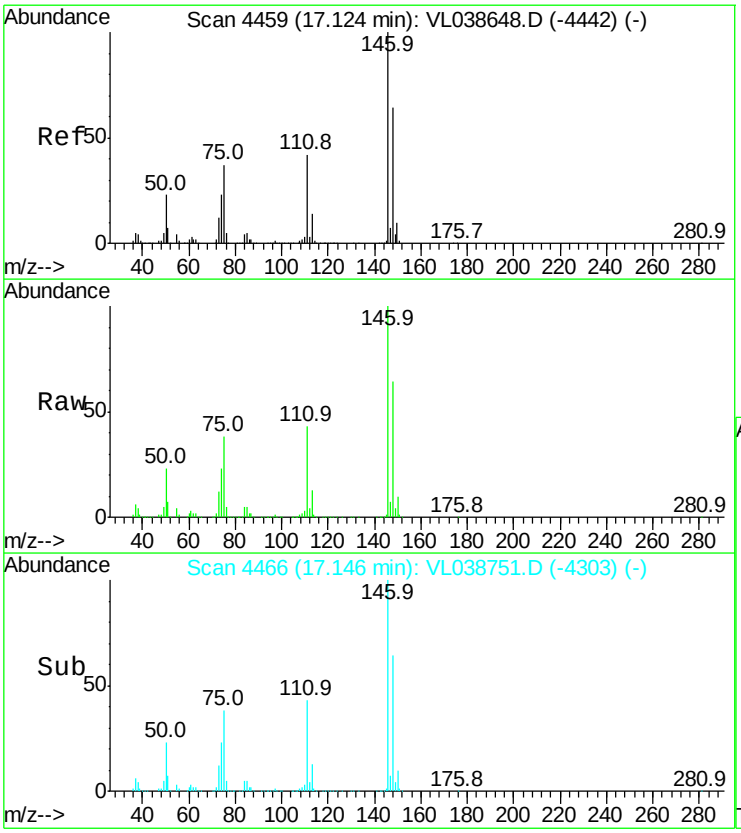
#75
1,3-Dichlorobenzene
Concen: 7.11 ppbv
RT: 17.00
Delta R.T
Lab File:
Acq: 24 Mar 2022 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0324ABS01

Tgt Ion:146 Resp: 1356948

Ion	Ratio	Lower	Upper
146	100		
111	44.5	22.2	66.6
148	64.3	32.5	97.5

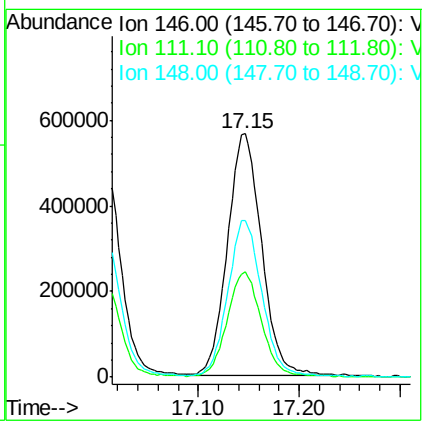


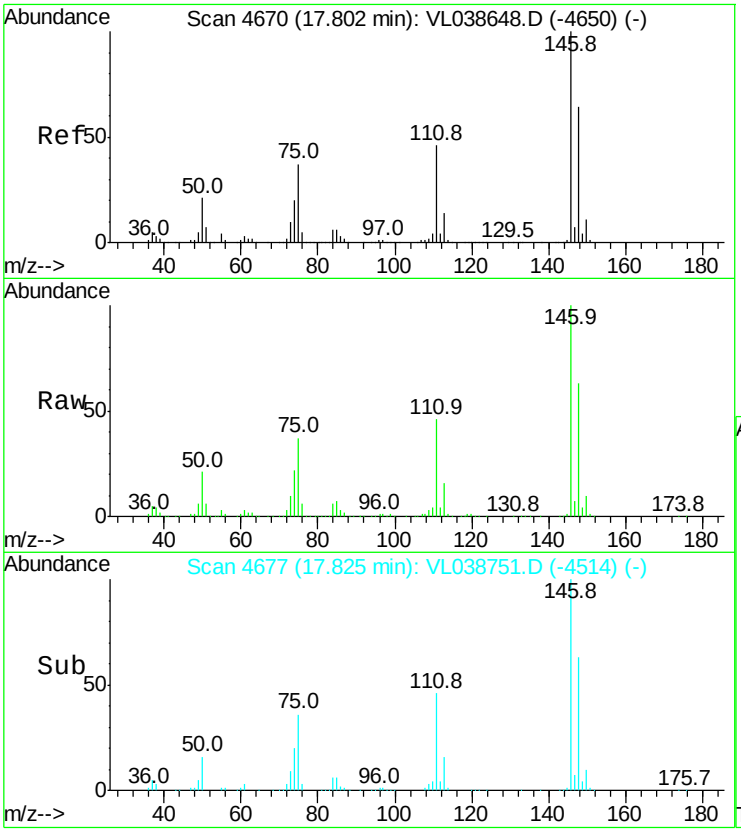


#76
1,4-Dichlorobenzene
Concen: 6.98 ppbv
RT: 17.15 min Scan# 4466
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion:146 Resp: 1326309

Ion	Ratio	Lower	Upper
146	100		
111	44.8	21.4	64.2
148	64.9	32.1	96.3



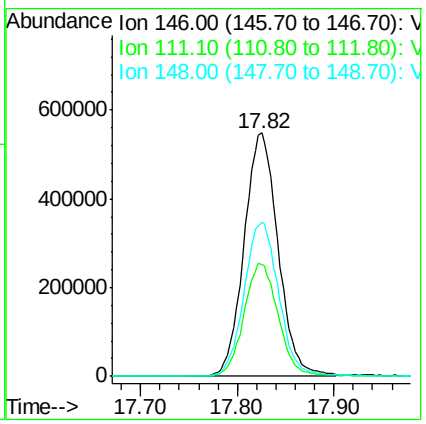


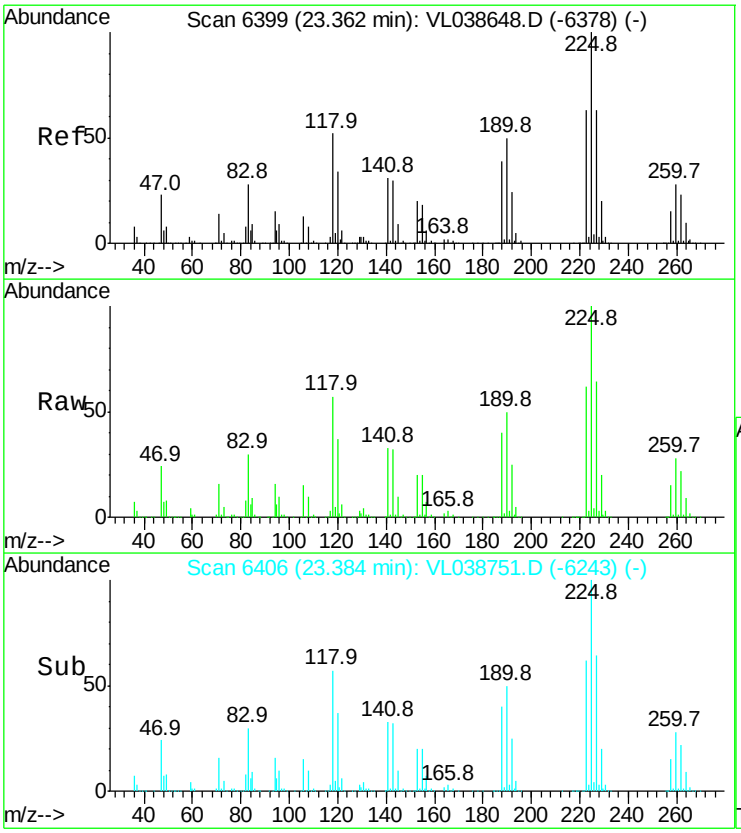
#77
1,2-Dichlorobenzene
Concen: 7.05 ppbv
RT: 17.82
Delta R.T
Lab File:
Acq: 24 Mar 2022 17:05

Instrument :
MSVOA_L
ClientSampleId :
VL0324ABS01

Tgt Ion:146 Resp: 1333937

Ion	Ratio	Lower	Upper
146	100		
111	47.4	22.8	68.4
148	65.4	32.5	97.4





#78
Hexachloro-1,3-Butadiene
Concen: 7.06 ppbv
RT: 23.38 min Scan# 6406
Delta R.T. 0.02 min
Lab File: VL038751.D
Acq: 24 Mar 2022 17:05

Tgt Ion:225 Resp: 1235089

Ion	Ratio	Lower	Upper
225	100		
223	64.5	51.0	76.6
227	64.8	51.5	77.3