Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022222\
Data File : VL038381.D
Acq On : 22 Feb 2022 7:56
Operator : SY/AP
Sample : VSTDICC015
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Quant Time: Feb 22 08:27:34 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb 22 07:53:26 2022
QLast Update : Tue Feb 22 07:53:26 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	939655	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	2346058	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	2225044	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.38	95	1928372	11.33	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 113.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.04	85	1677132	8.92	ppbv	98
3) Chlorodifluoromethane	2.98	51	2265268	12.45	ppbv	100
4) Chloromethane	3.13	50	808134	12.89	ppbv	100
5) Vinyl Chloride	3.25	62	810944	12.79	ppbv	98
6) Bromomethane	3.46	94	452016	13.45	ppbv	93
7) Chloroethane	3.55	64	293163	13.91	ppbv	98
8) Dichlorotetrafluoroethane	3.18	85	1875259	12.40	ppbv	99
9) Propene	3.00	41	767441	12.98	ppbv	99
10) Heptane	8.10	43	1971197	12.94	ppbv	99
11) Trichlorofluoromethane	3.94	101	1985288	13.07	ppbv	95
12) 1,1,2-Trichlorotrifluoroet	4.47	101	1473216	12.84	ppbv	100
13) Ethanol	3.60	45	66147	10.88	ppbv	95
14) Bromoethene	3.73	108	599981	13.36	ppbv	100
15) Acetone	3.84	43	1018003	12.46	ppbv	100
16) 1,3-Butadiene	3.32	39	796350	13.67	ppbv	98
17) tert-Butyl alcohol	4.27	59	1089653	12.39	ppbv	100
18) 1,1-Dichloroethene	4.28	96	650099	13.10	ppbv	100
19) Isopropyl Alcohol	3.95	45	619992	12.29	ppbv	100
20) Methylene Chloride	4.33	84	540144	11.55	ppbv	96
21) Allyl Chloride	4.40	41	991268	13.95	ppbv	99
22) trans-1,2-Dichloroethene	4.87	96	703309	13.65	ppbv	96
23) Vinyl Acetate	5.05	43	1576174	13.49	ppbv	99
24) 1,1-Dichloroethane	4.99	63	1365495	13.10	ppbv	100
25) Ethyl Acetate	5.66	43	3037101	13.24	ppbv	99
26) Hexane	5.67	57	1387941	13.08	ppbv	98
27) Carbon Disulfide	4.53	76	1644704	13.53	ppbv	98
28) Methyl tert-Butyl Ether	5.02	73	1426199	13.12	ppbv	99
29) Chloroform	5.74	83	2269696	13.13	ppbv	100
30) Cyclohexane	7.11	84	1180025	13.02	ppbv	97
31) cis-1,2-Dichloroethene	5.53	61	1395069	14.40	ppbv	96
32) 1,1,1-Trichloroethane	6.49	97	2262111	13.11	ppbv	99
34) 2-Butanone	5.23	43	1091350	14.09	ppbv	99
35) Carbon Tetrachloride	7.00	117	2368725	14.35	ppbv	98
36) Benzene	6.87	78	2959785	14.20	ppbv	99
37) 1,2-Dichloroethane	6.29	62	1750375	14.65	ppbv	100
38) Trichloroethene	7.81	130	1064266	13.74	ppbv	97
39) 1,2-Dichloropropane	7.59	63	1184556	14.09	ppbv	98
40) 1,4-Dioxane	7.81	88	261407	12.77	ppbv #	1
41) Tetrahydrofuran	6.03	42	762460	14.68	ppbv	99
42) Bromodichloromethane	7.77	83	2525112	14.25	ppbv	98
43) Methyl Methacrylate	7.99	69	1130792	15.37	ppbv	99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022222\
Data File : VL038381.D
Acq On : 22 Feb 2022 7:56
Operator : SY/AP
Sample : VSTDICC015
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Quant Time: Feb 22 08:27:34 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb 22 07:53:26 2022
QLast Update : Tue Feb 22 07:53:26 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.85	57	4860782	13.25	ppbv		99
45) t-1,3-Dichloropropene	9.25	75	1045193	17.59	ppbv		99
46) cis-1,3-Dichloropropene	8.68	75	1274302	16.03	ppbv		99
47) 1,1,2-Trichloroethane	9.45	97	1190904	14.29	ppbv		98
48) Dibromochloromethane	10.28	129	2084505	14.88	ppbv		99
49) Bromoform	13.01	173	1594341	15.57	ppbv		97
50) 4-Methyl-2-Pentanone	8.72	43	2036705	14.78	ppbv		98
51) 2-Hexanone	10.11	43	979997	16.09	ppbv	#	100
52) Tetrachloroethene	11.19	164	981184	13.68	ppbv		98
53) Toluene	9.78	91	3357135	14.60	ppbv		100
54) 1,2-Dibromoethane	10.58	107	1785351	15.09	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.10	131	1327304	13.64	ppbv	#	70
57) Chlorobenzene	12.12	112	2409229	13.59	ppbv		98
58) Ethyl Benzene	12.68	91	4467932	13.71	ppbv		100
59) m/p-Xylene	12.97	91	4732253	16.98	ppbv	#	57
60) o-Xylene	13.67	91	3584321	13.79	ppbv		98
61) Styrene	13.50	104	1902191	15.72	ppbv		99
62) Isopropylbenzene	14.64	105	4770154	13.75	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.65	83	2646613	13.62	ppbv		100
64) n-propylbenzene	15.53	120	1253179	14.89	ppbv		99
65) tert-Butylbenzene	16.72	119	4184727	14.44	ppbv		98
66) Benzyl Chloride	16.96	91	317476	23.35	ppbv		99
67) sec-Butylbenzene	17.27	105	5897569	14.59	ppbv		100
69) p-Isopropyltoluene	17.63	119	4858102	15.54	ppbv		100
70) n-Butylbenzene	18.52	91	5099540	16.43	ppbv		99
71) 2-Chlorotoluene	15.42	91	3722296	14.33	ppbv		98
72) 4-Ethyltoluene	15.81	105	4266758	15.46	ppbv		99
73) 1,3,5-Trimethylbenzene	15.97	105	3750692	15.06	ppbv		97
74) 1,2,4-Trimethylbenzene	16.73	105	3918375	14.88	ppbv		95
75) 1,3-Dichlorobenzene	16.97	146	2239514	15.71	ppbv		100
76) 1,4-Dichlorobenzene	17.11	146	2183222	15.85	ppbv		100
77) 1,2-Dichlorobenzene	17.79	146	2136664	16.01	ppbv		99
78) Hexachloro-1,3-Butadiene	23.34	225	1430527	15.35	ppbv		99
79) Naphthalene	22.16	128	2833740	22.28	ppbv		100
80) Naphthalene,2-methyl-	24.95	142	784578	48.33	ppbv		99
81) 1,2,4-Trichlorobenzene	21.89	180	1547772	20.55	ppbv		99

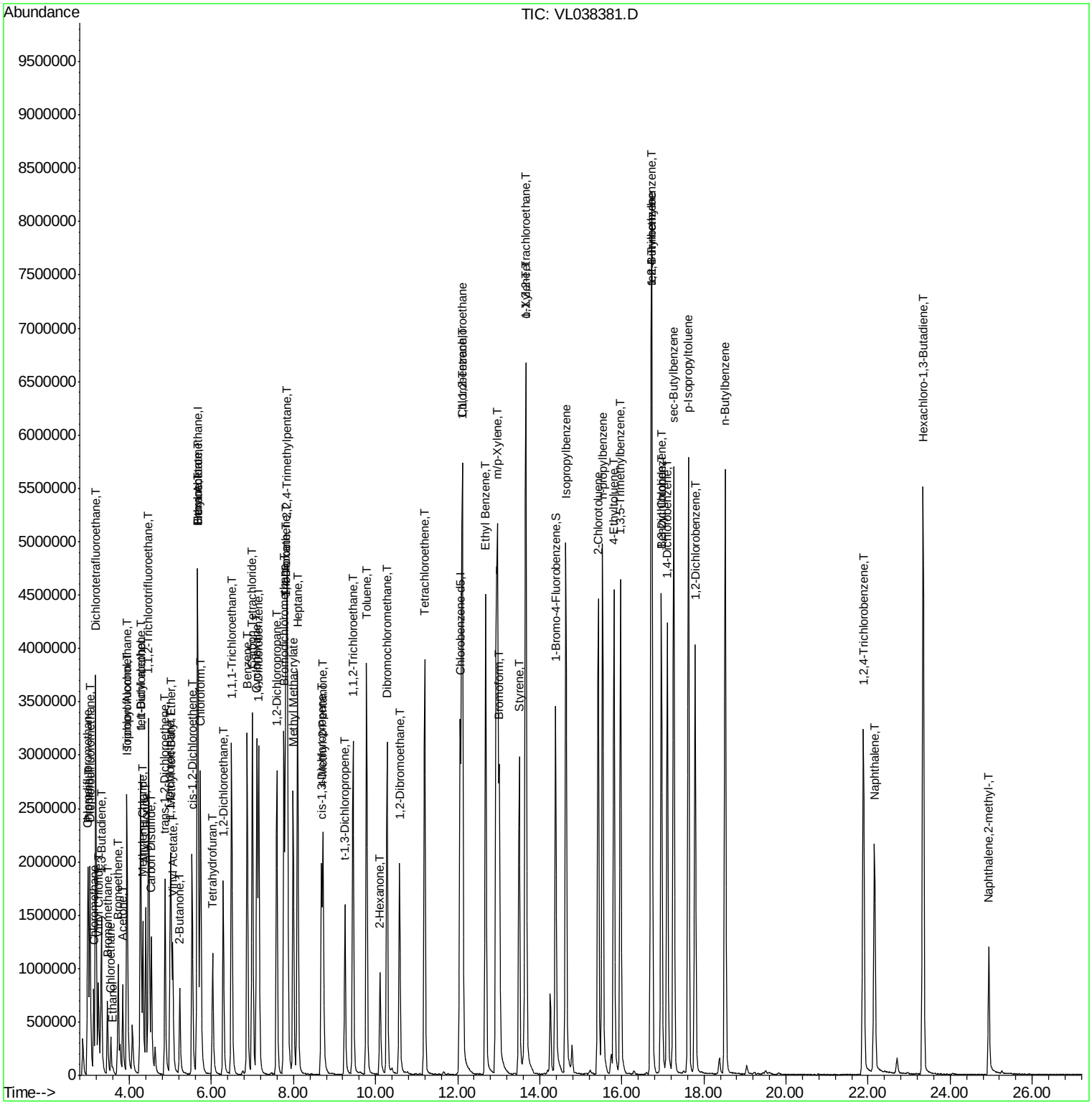
(#) = qualifier out of range (m) = manual integration (+) = signals summed

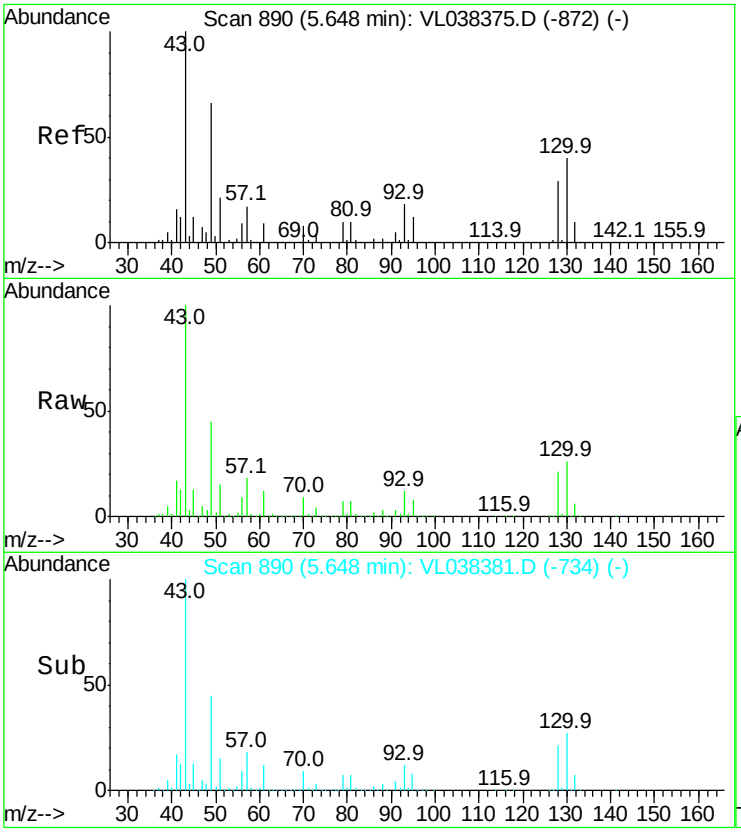
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022222\
Data File : VL038381.D
Acq On : 22 Feb 2022 7:56
Operator : SY/AP
Sample : VSTDICC015
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Quant Time: Feb 22 08:27:34 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb 22 07:53:26 2022
QLast Update : Tue Feb 22 07:53:26 2022
Response via : Initial Calibration



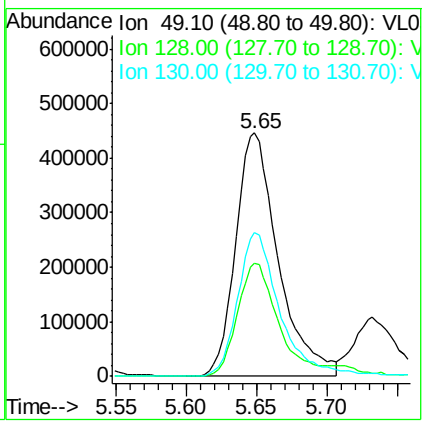


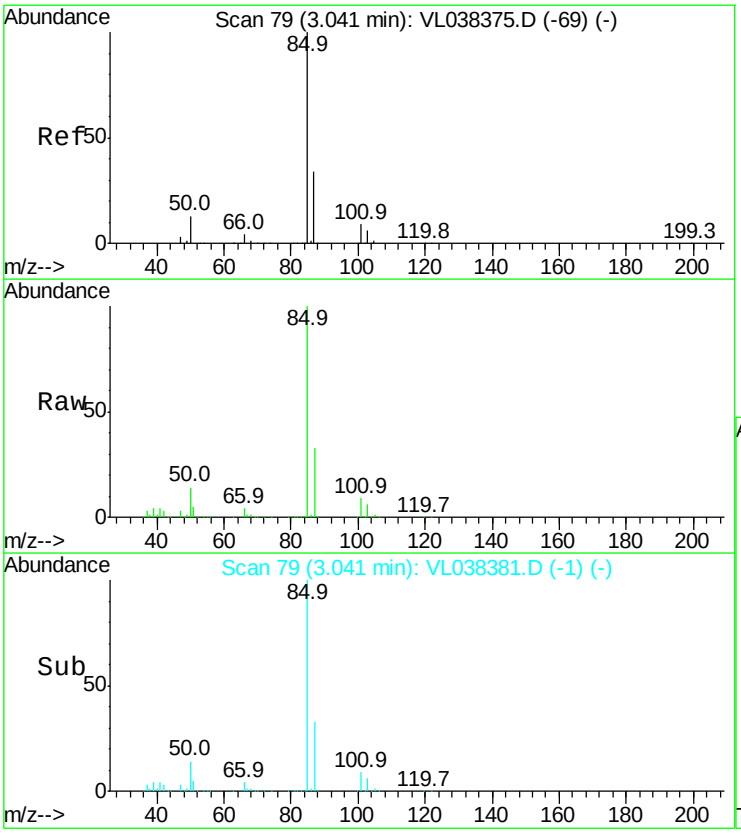
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 49 Resp: 939655

Ion	Ratio	Lower	Upper
49	100		
128	49.7	24.3	72.9
130	59.8	30.1	90.5

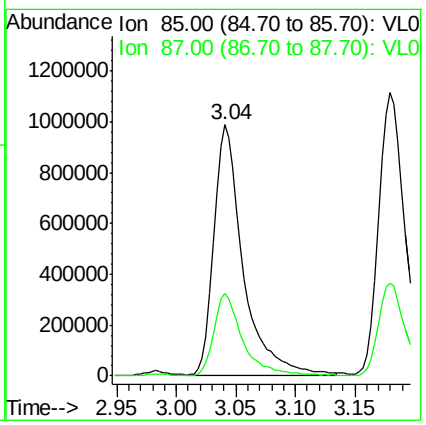


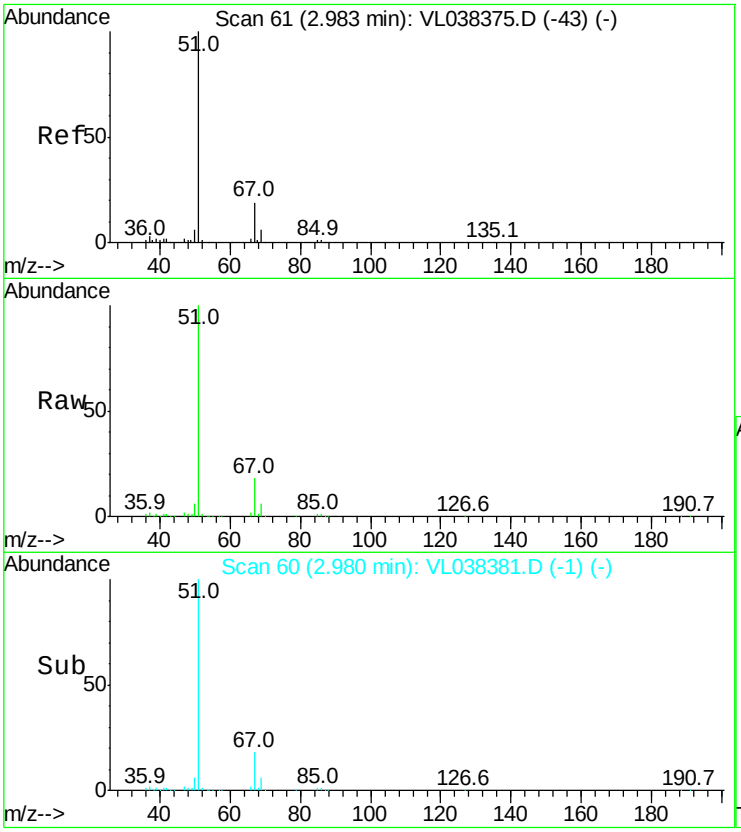


#2
Dichlorodifluoromethane
Concen: 8.92 ppbv
RT: 3.04 min Scan# 79
Delta R.T. 0.00 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion: 85 Resp: 1677132

Ion	Ratio	Lower	Upper
85	100		
87	32.9	27.4	41.0



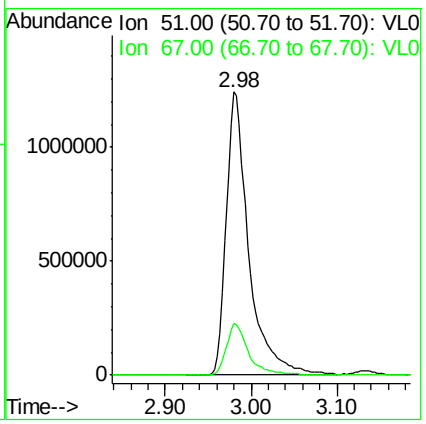


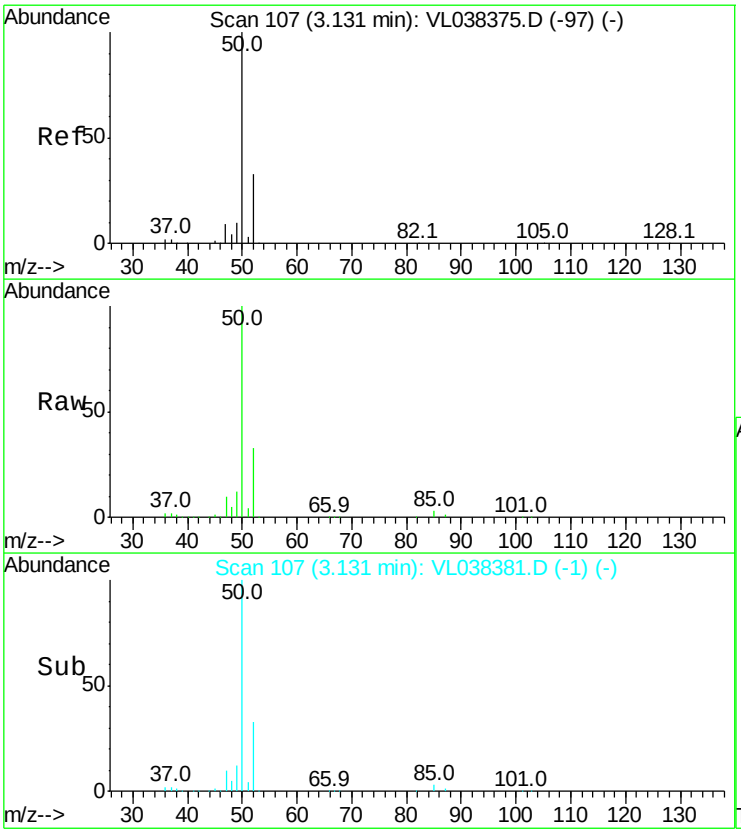
#3
Chlorodifluoromethane
Concen: 12.45 ppbv
RT: 2.98
Delta R.T
Lab File:
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 51 Resp: 2265268

Ion	Ratio	Lower	Upper
51	100		
67	18.3	14.7	22.1

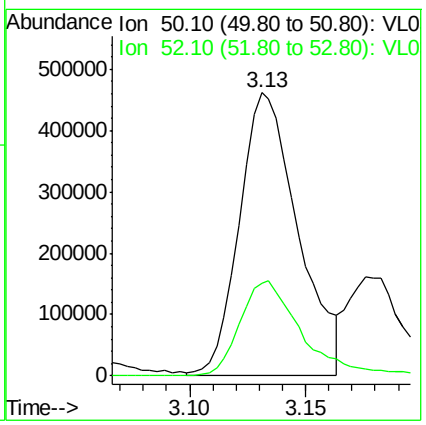


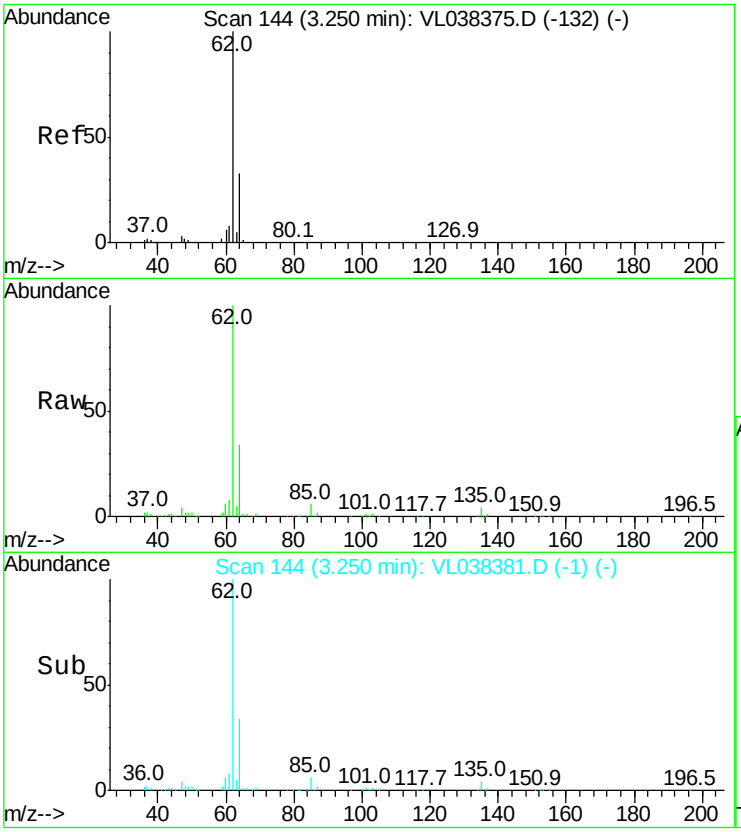


#4
Chloromethane
Concen: 12.89 ppbv
RT: 3.13 min Scan# 107
Delta R.T. 0.00 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion: 50 Resp: 808134

Ion	Ratio	Lower	Upper
50	100		
52	33.2	26.5	39.7



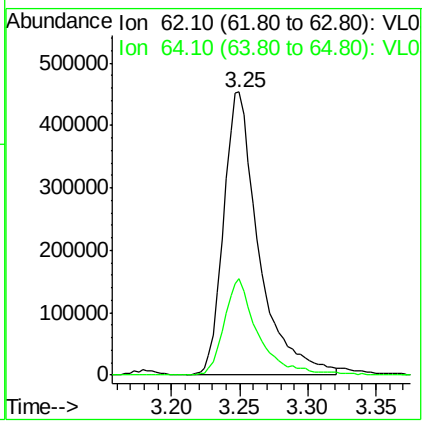


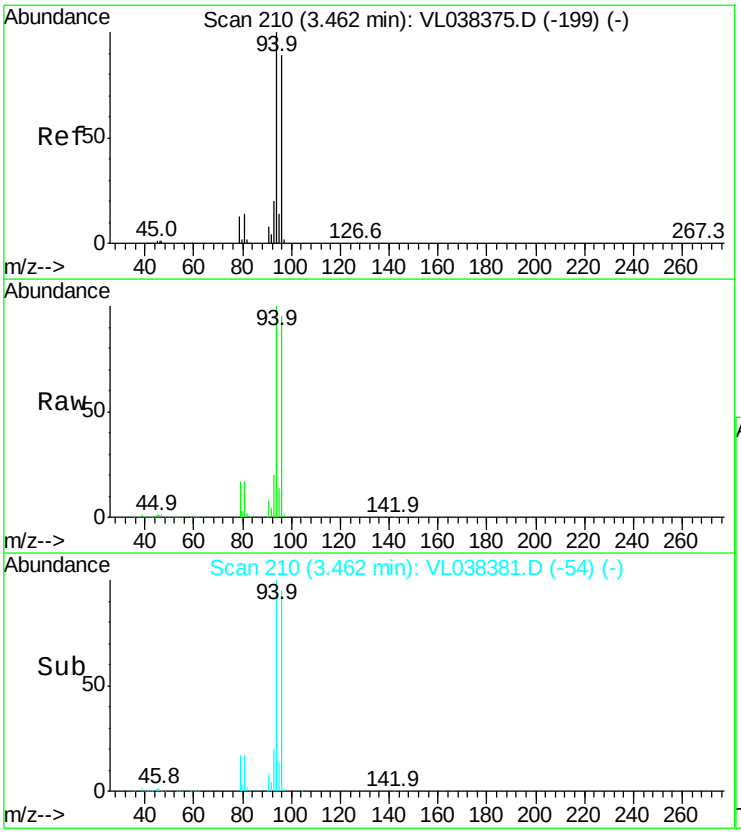
#5
Vinyl Chloride
Concen: 12.79 ppbv
RT: 3.25
Delta R.T
Lab File:
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 62 Resp: 810944

Ion	Ratio	Lower	Upper
62	100		
64	34.1	26.2	39.2

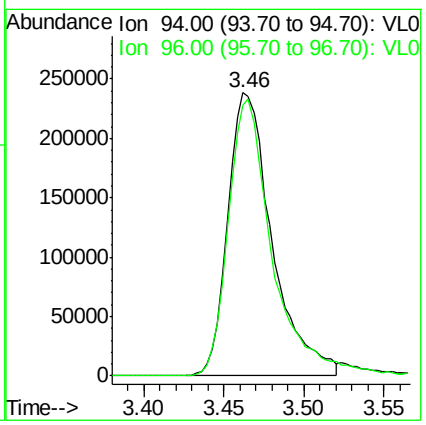


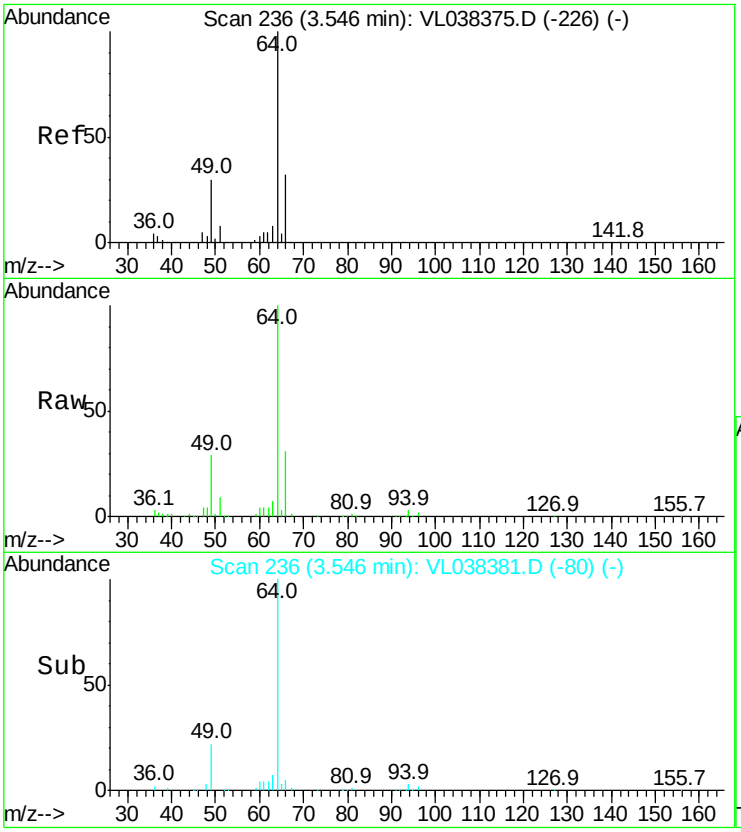


#6
Bromomethane
Concen: 13.45 ppbv
RT: 3.46 min Scan# 210
Delta R.T. 0.00 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion: 94 Resp: 452016

Ion	Ratio	Lower	Upper
94	100		
96	95.4	71.0	106.6



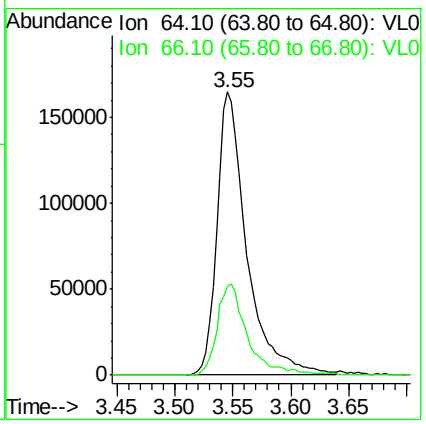


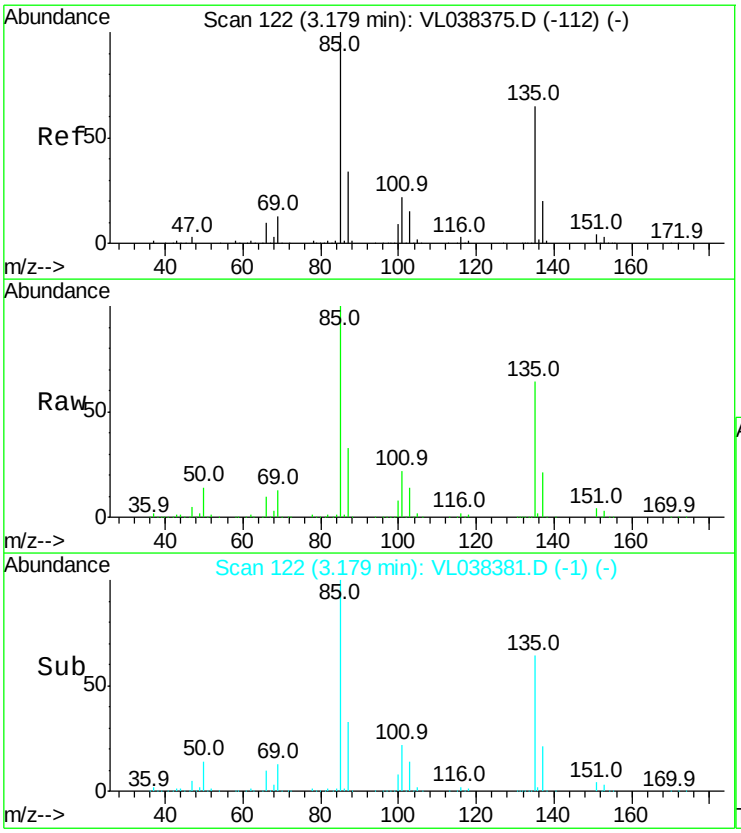
#7
Chloroethane
Concen: 13.91 ppbv
RT: 3.55
Delta R.T
Lab File:
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 64 Resp: 293163

Ion	Ratio	Lower	Upper
64	100		
66	31.4	25.9	38.9

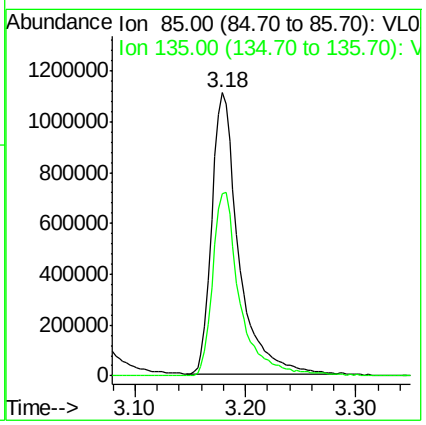


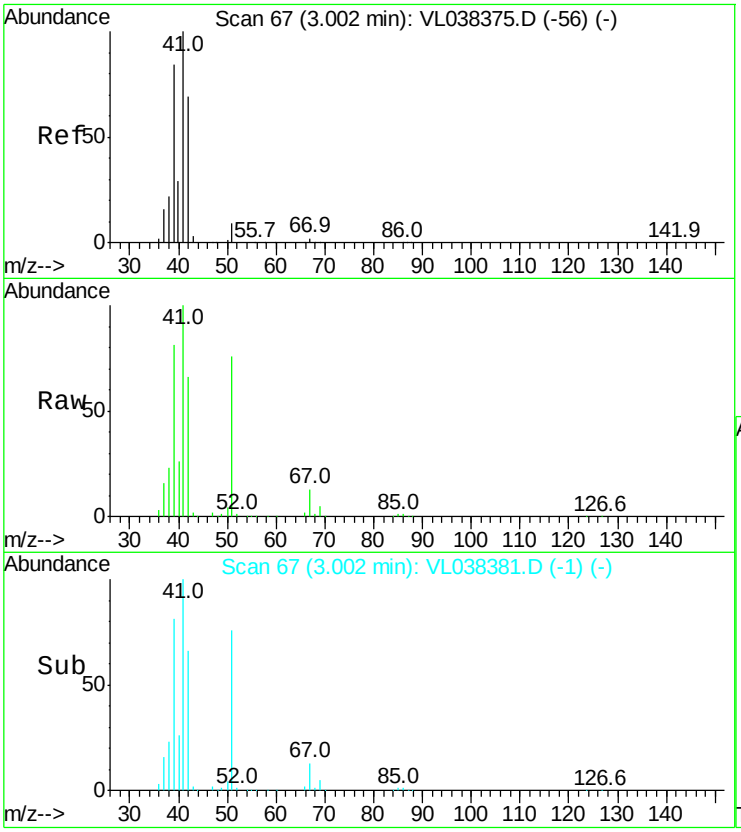


#8
Dichlorotetrafluoroethane
Concen: 12.40 ppbv
RT: 3.18 min Scan# 122
Delta R.T. 0.00 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion: 85 Resp: 1875259

Ion	Ratio	Lower	Upper
85	100		
135	67.0	54.1	81.1



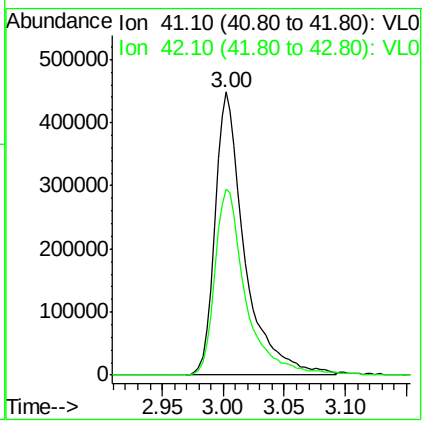


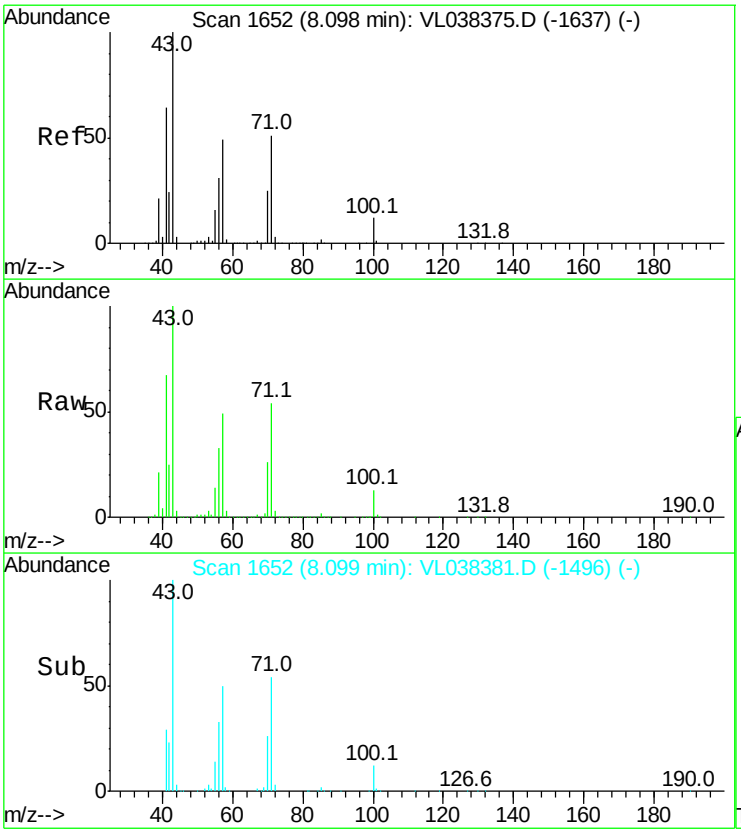
#9
Propene
Concen: 12.98 ppbv
RT: 3.00
Delta R.T
Lab File:
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 41 Resp: 767441

Ion	Ratio	Lower	Upper
41	100		
42	68.7	54.6	82.0

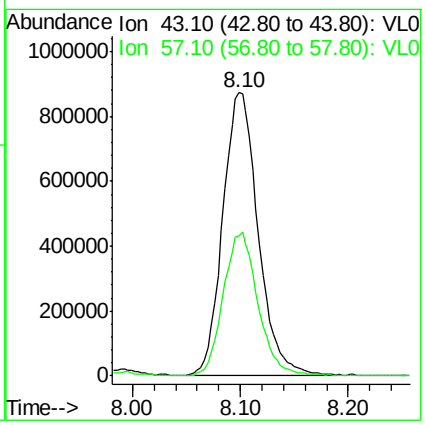


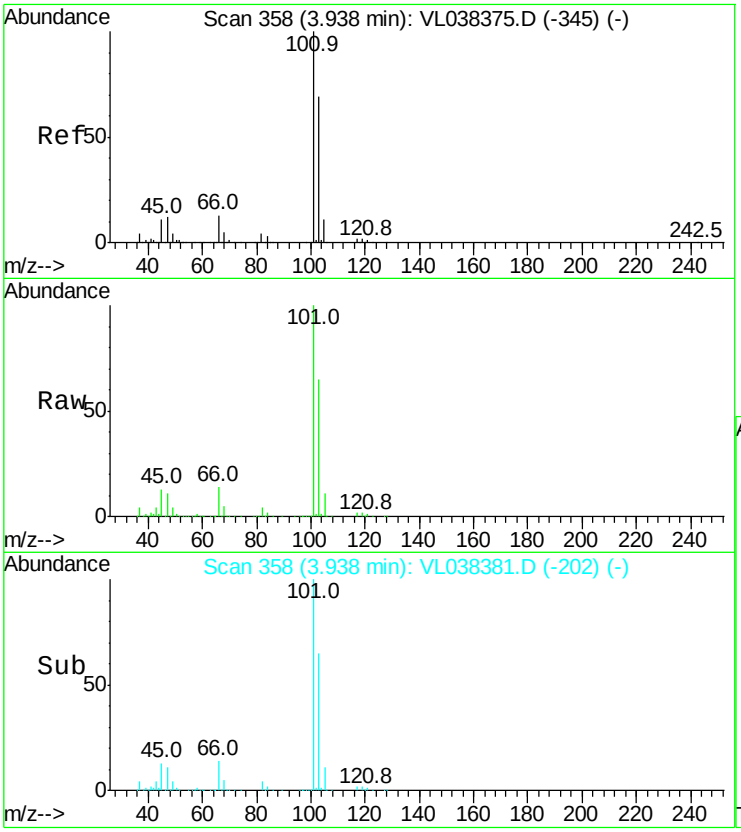


#10
Heptane
Concen: 12.94 ppbv
RT: 8.10 min Scan# 1652
Delta R.T. 0.00 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion: 43 Resp: 1971197

Ion	Ratio	Lower	Upper
43	100		
57	50.3	39.8	59.8



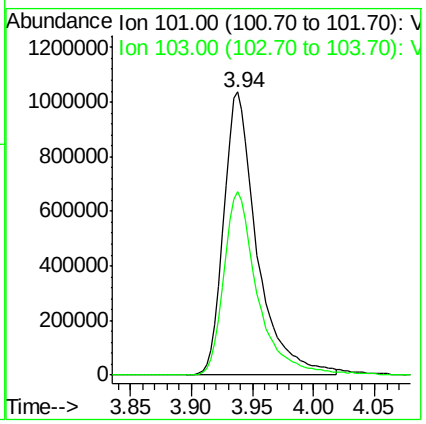


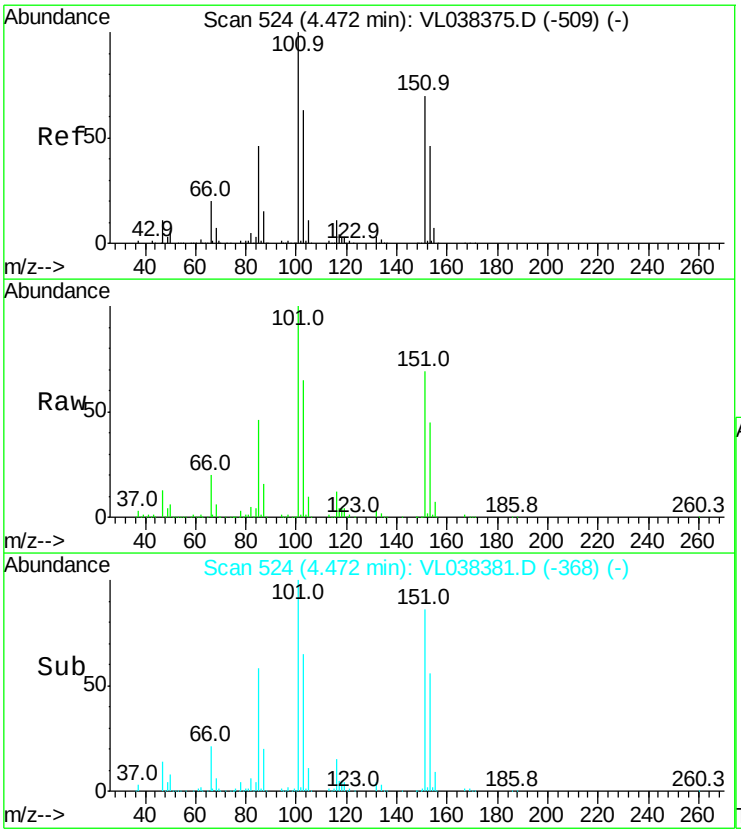
#11
Trichlorofluoromethane
Concen: 13.07 ppbv
RT: 3.94
Delta R.T
Lab File:
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:101 Resp: 1985288

Ion	Ratio	Lower	Upper
101	100		
103	64.8	55.0	82.4

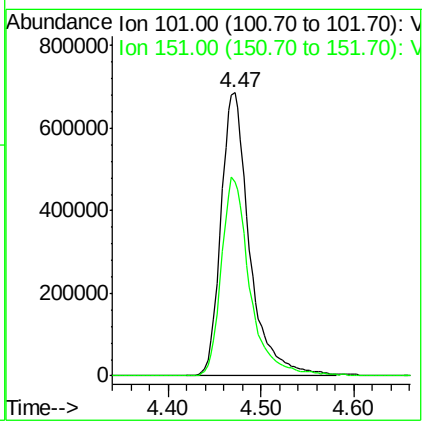


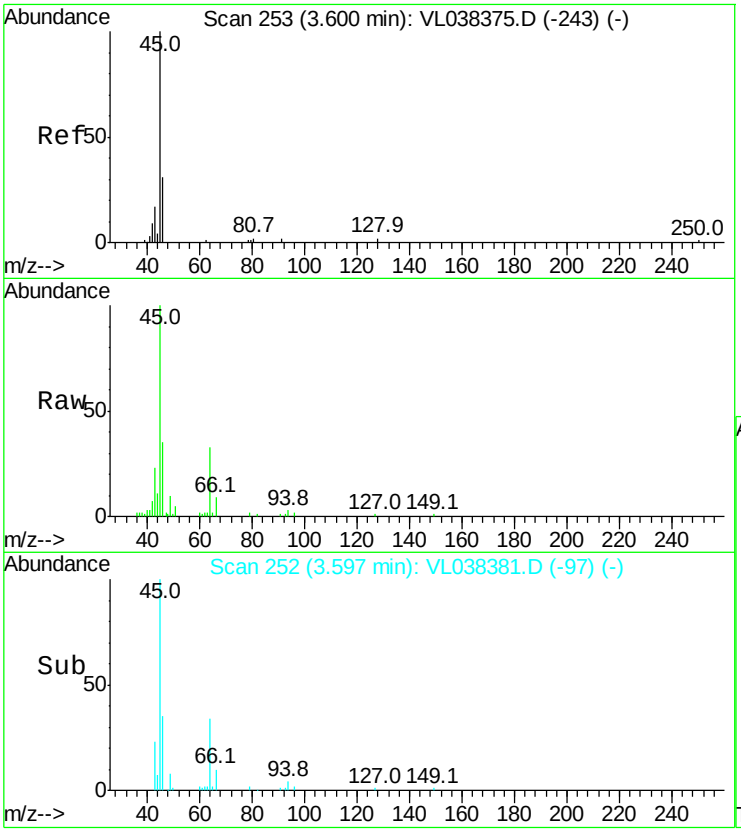


#12
1,1,2-Trichlorotrifluoroethane
Concen: 12.84 ppbv
RT: 4.47 min Scan# 524
Delta R.T. 0.00 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion:101 Resp: 1473216

Ion	Ratio	Lower	Upper
101	100		
151	70.0	55.9	83.9



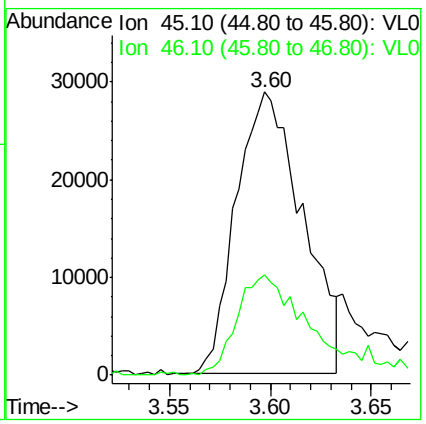


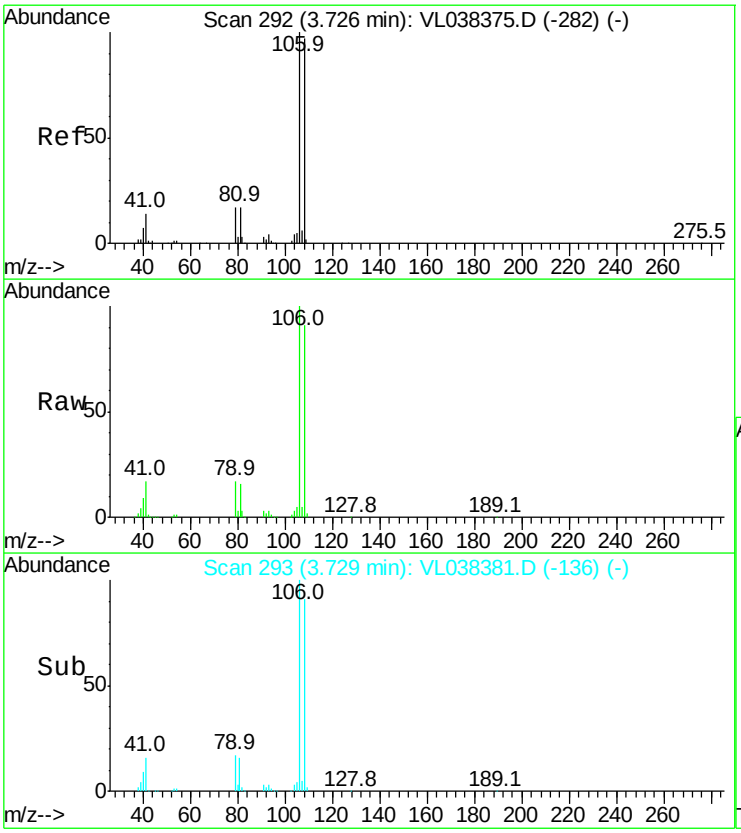
#13
Ethanol
Concen: 10.88 ppbv
RT: 3.60
Delta R.T
Lab File:
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 45 Resp: 66147

Ion	Ratio	Lower	Upper
45	100		
46	42.1	18.2	72.8

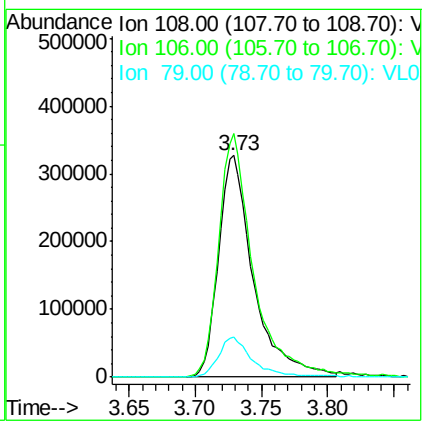


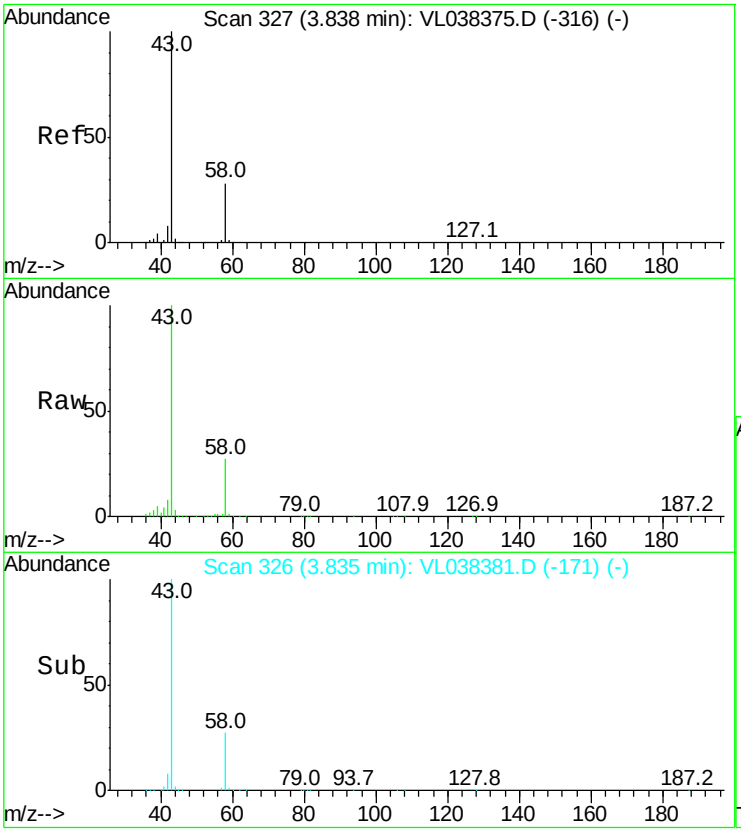


#14
Bromoethene
Concen: 13.36 ppbv
RT: 3.73 min Scan# 293
Delta R.T. 0.00 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion:108 Resp: 599981

Ion	Ratio	Lower	Upper
108	100		
106	110.2	88.4	132.6
79	18.1	15.0	22.6



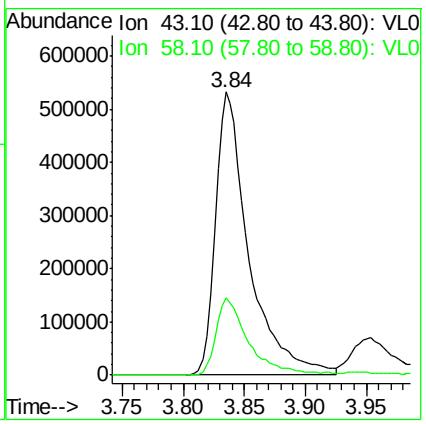


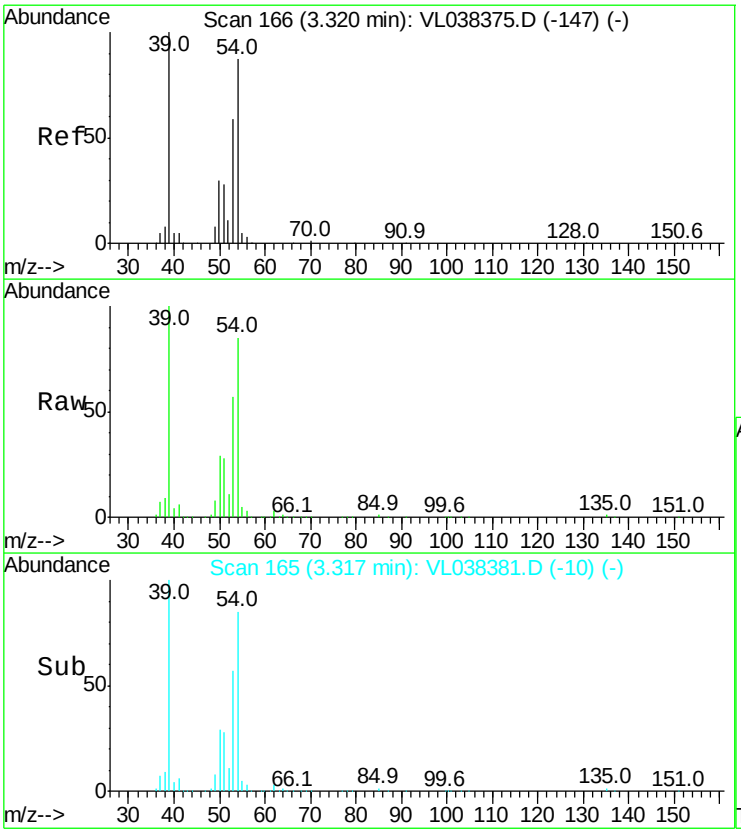
#15
Acetone
Concen: 12.46 ppbv
RT: 3.84
Delta R.T
Lab File:
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 43 Resp: 1018003

Ion	Ratio	Lower	Upper
43	100		
58	27.0	21.7	32.5

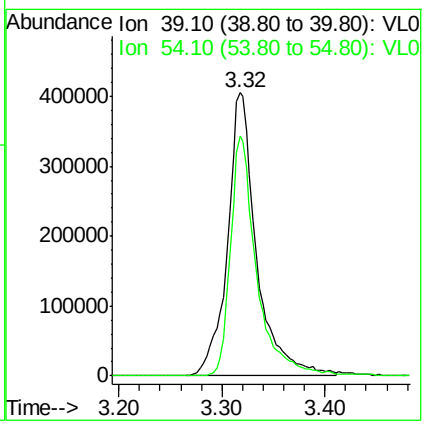


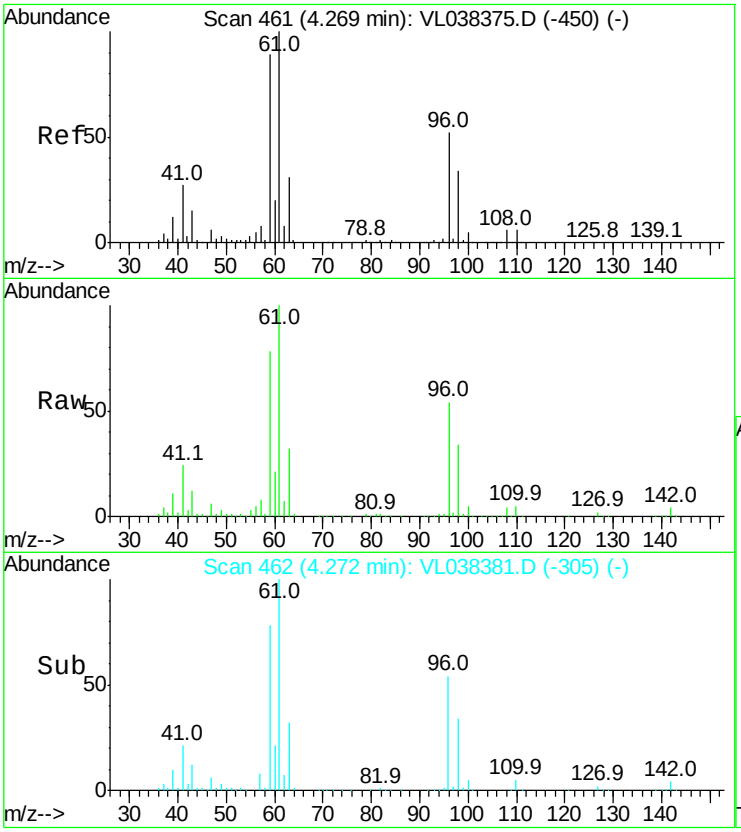


#16
1,3-Butadiene
Concen: 13.67 ppbv
RT: 3.32 min Scan# 165
Delta R.T. -0.00 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion: 39 Resp: 796350

Ion	Ratio	Lower	Upper
39	100		
54	77.0	60.3	90.5



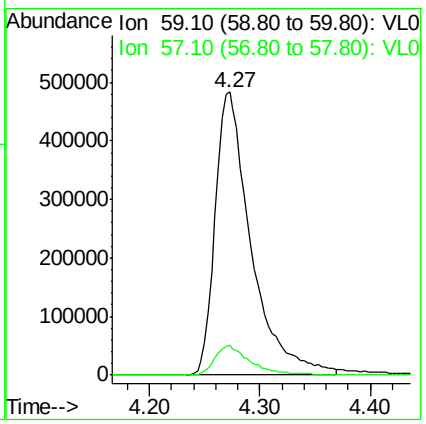


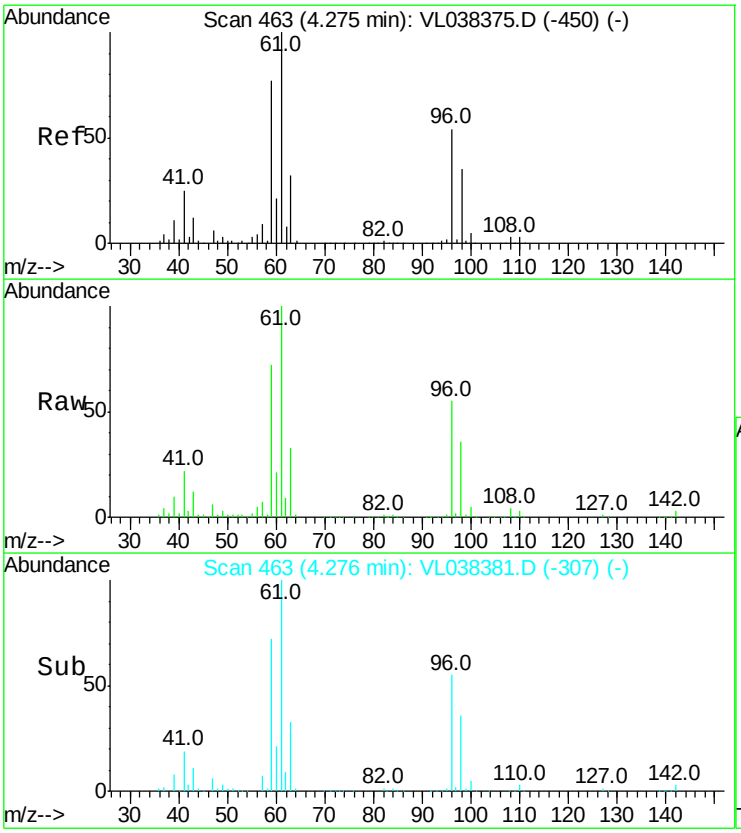
#17
tert-Butyl alcohol
Concen: 12.39 ppbv
RT: 4.27
Delta R.T
Lab File:
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 59 Resp: 1089653

Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.4	12.6

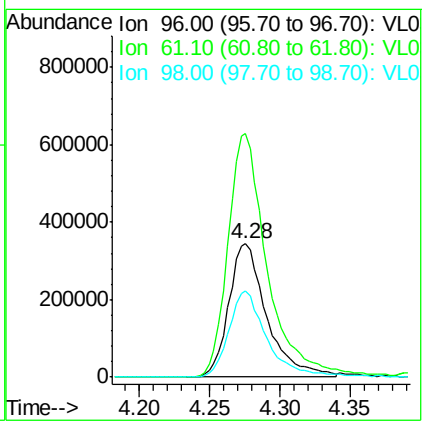


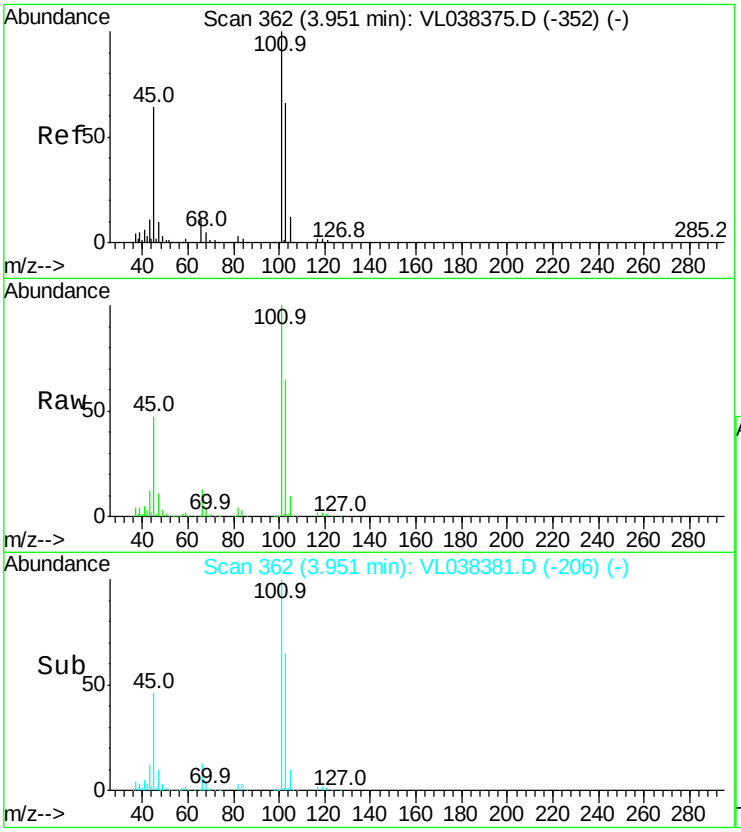


#18
1,1-Dichloroethene
Concen: 13.10 ppbv
RT: 4.28 min Scan# 463
Delta R.T. 0.00 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion: 96 Resp: 650099

Ion	Ratio	Lower	Upper
96	100		
61	183.1	146.8	220.2
98	65.2	51.5	77.3



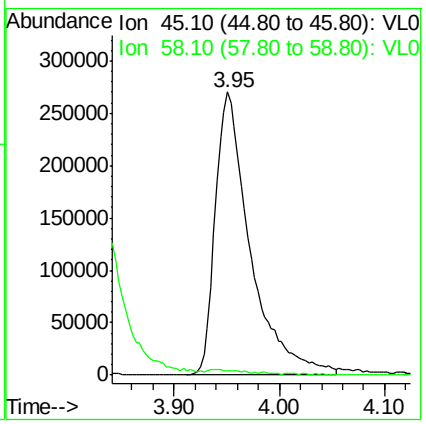


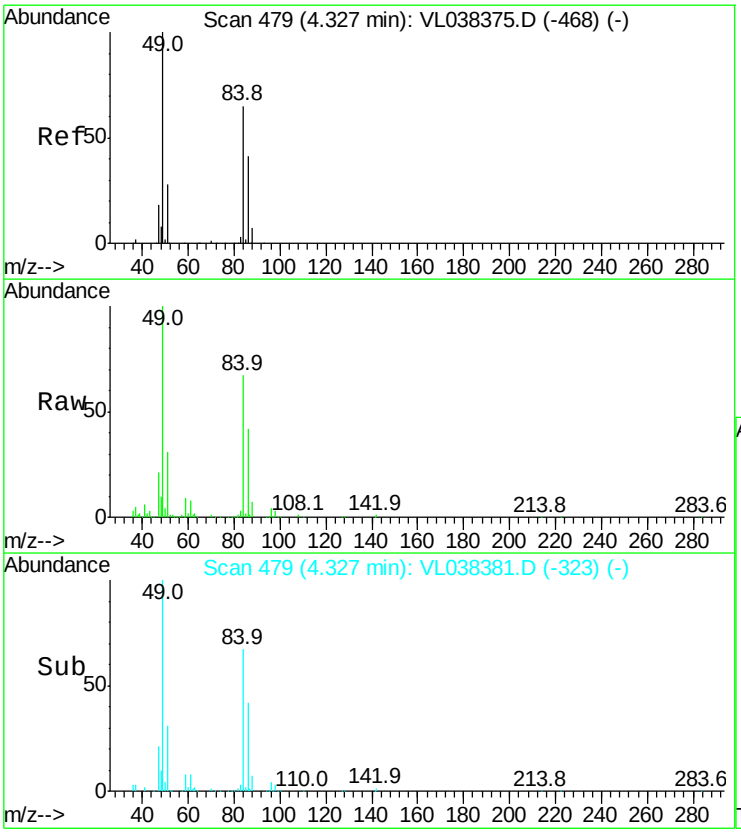
#19
Isopropyl Alcohol
Concen: 12.29 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 45 Resp: 619992

Ion	Ratio	Lower	Upper
45	100		
58	2.4	1.8	2.8

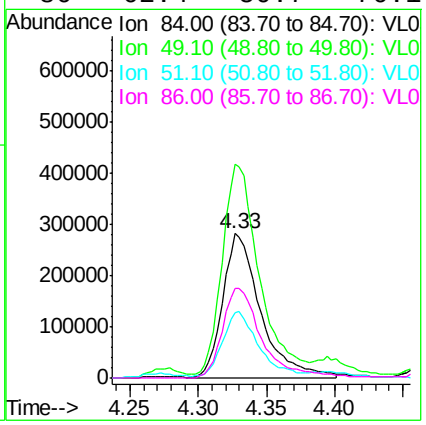


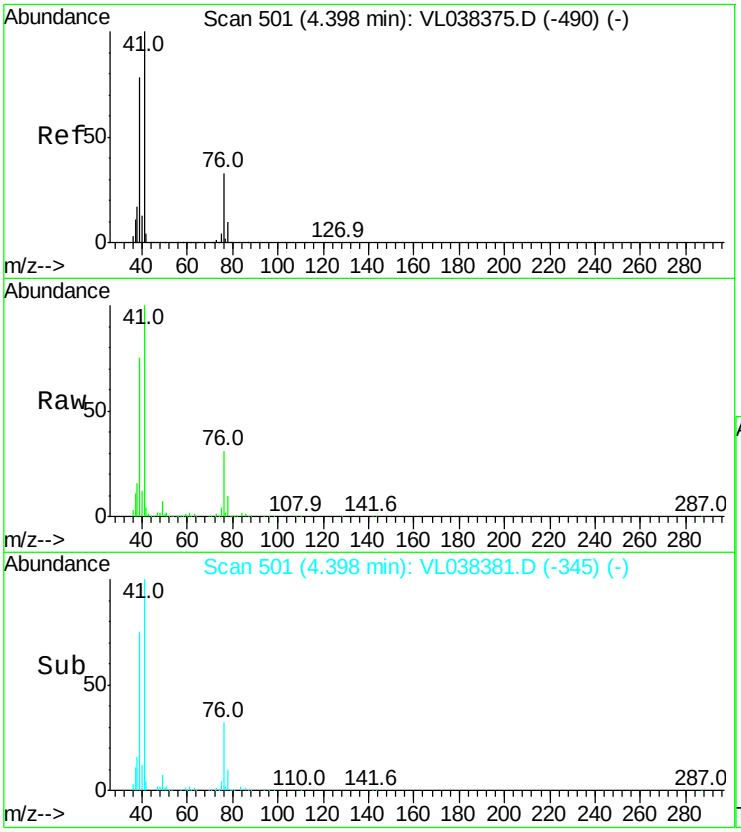


#20
Methylene Chloride
Concen: 11.55 ppbv
RT: 4.33 min Scan# 479
Delta R.T. 0.00 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion: 84 Resp: 540144

Ion	Ratio	Lower	Upper
84	100		
49	145.7	122.4	183.6
51	44.0	33.3	49.9
86	62.4	50.7	76.1



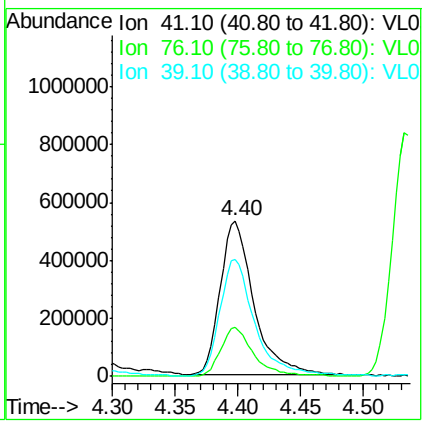


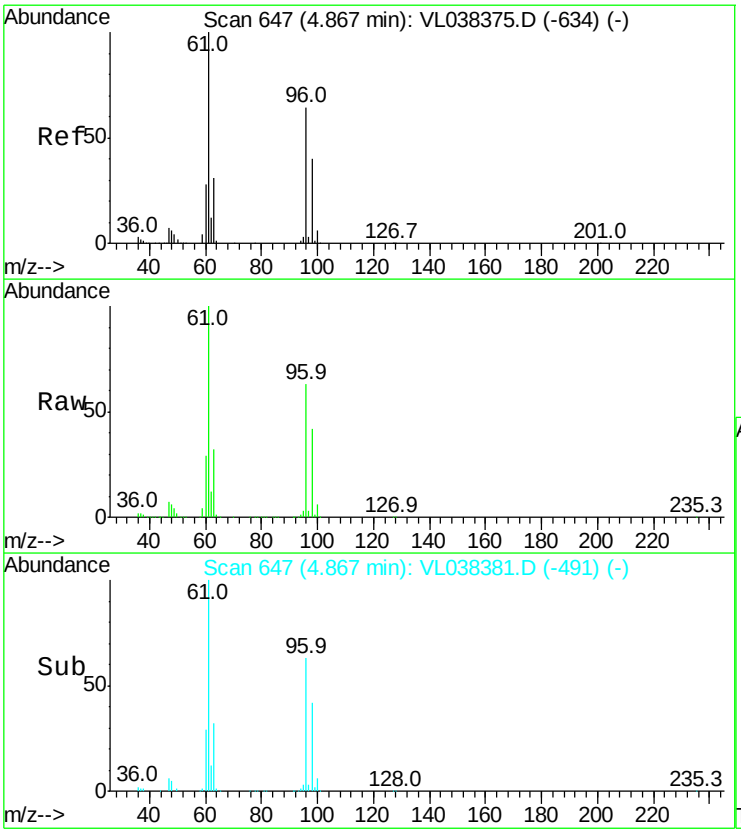
#21
Allyl Chloride
Concen: 13.95 ppbv
RT: 4.40
Delta R.T
Lab File:
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 41 Resp: 991268

Ion	Ratio	Lower	Upper
41	100		
76	31.9	25.4	38.0
39	78.2	63.0	94.6

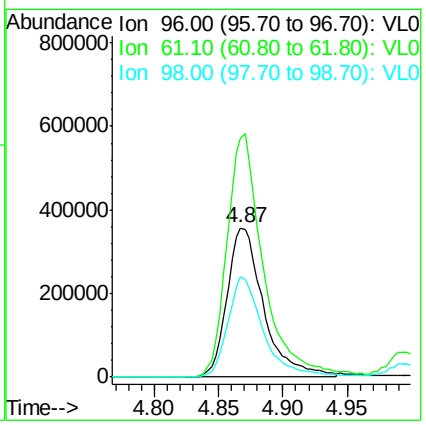


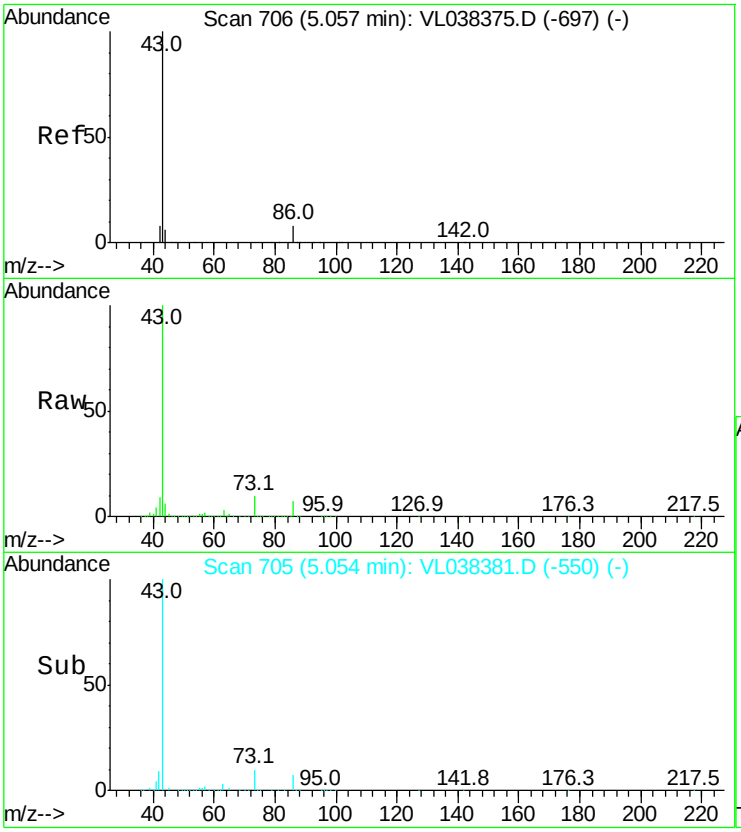


#22
trans-1,2-Dichloroethene
Concen: 13.65 ppbv
RT: 4.87 min Scan# 647
Delta R.T. 0.00 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion: 96 Resp: 703309

Ion	Ratio	Lower	Upper
96	100		
61	159.5	124.2	186.4
98	66.9	49.1	73.7



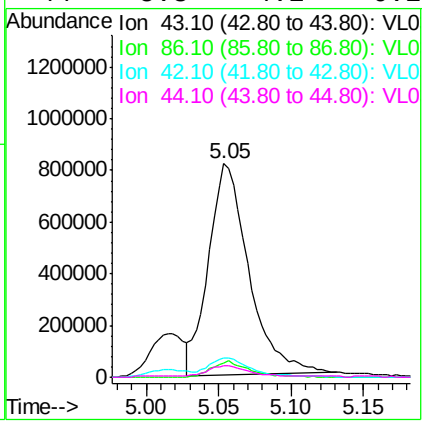


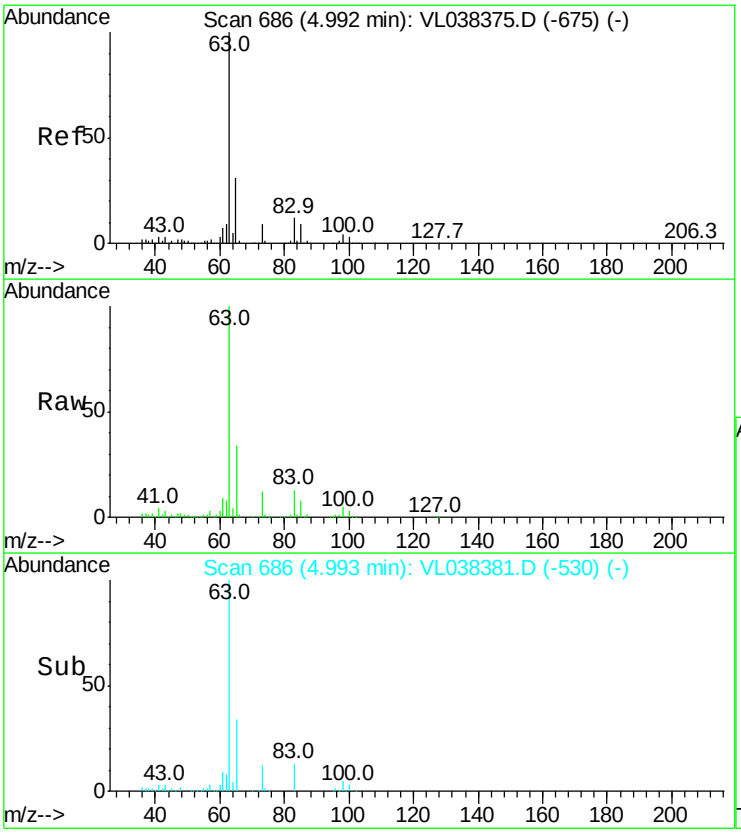
#23
Vinyl Acetate
Concen: 13.49 ppbv
RT: 5.05
Delta R.T
Lab File:
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 43 Resp: 1576174

Ion	Ratio	Lower	Upper
43	100		
86	6.8	5.8	8.6
42	8.9	7.4	11.0
44	5.3	4.2	6.2

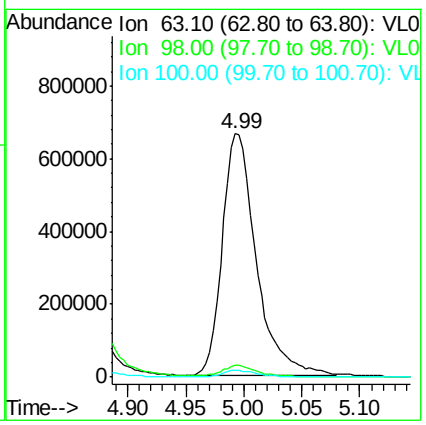


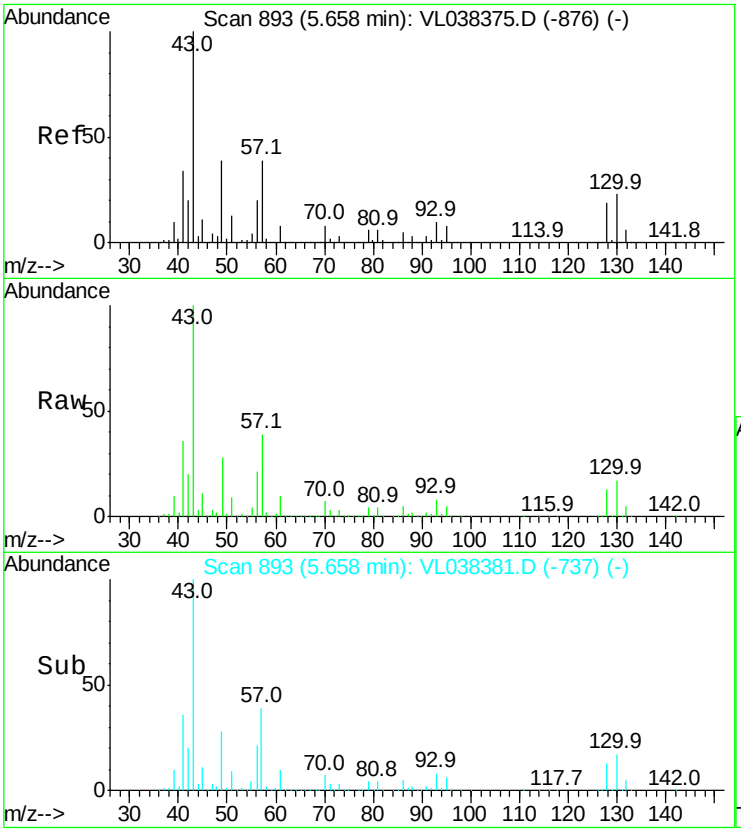


#24
1,1-Dichloroethane
Concen: 13.10 ppbv
RT: 4.99 min Scan# 686
Delta R.T. 0.00 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion: 63 Resp: 1365495

Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.1	6.5
100	2.8	1.4	4.2



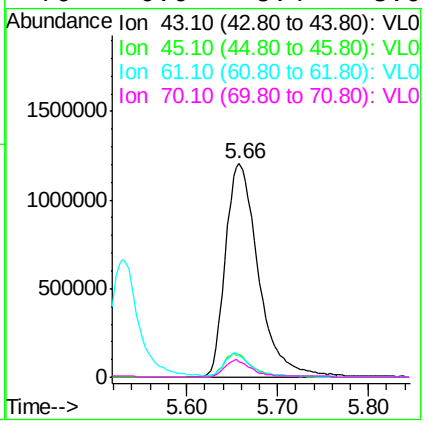


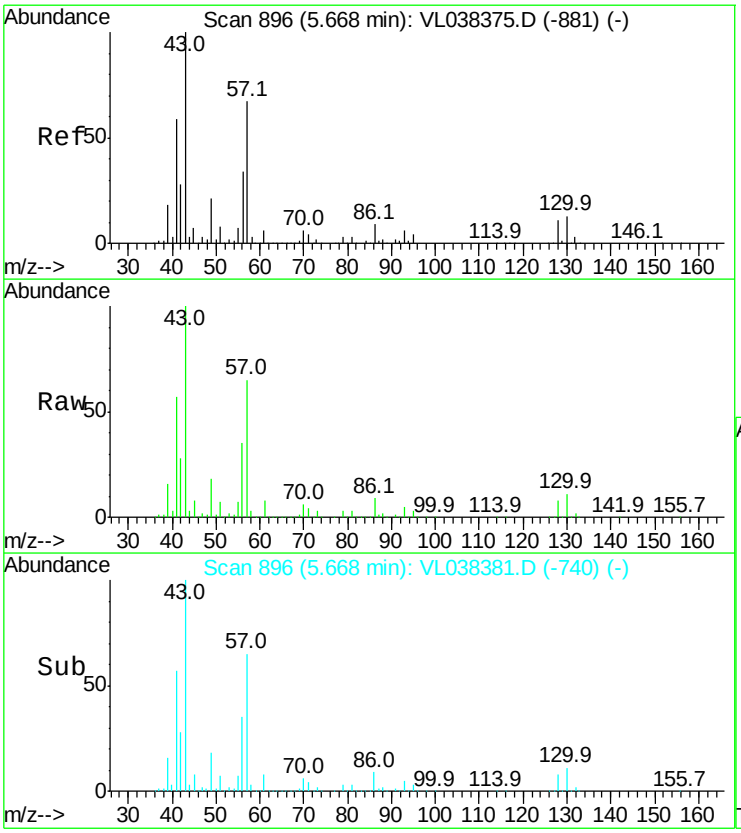
#25
Ethyl Acetate
Concen: 13.24 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 43 Resp: 3037101

Ion	Ratio	Lower	Upper
43	100		
45	9.8	7.8	11.6
61	9.8	7.5	11.3
70	6.6	5.4	8.0

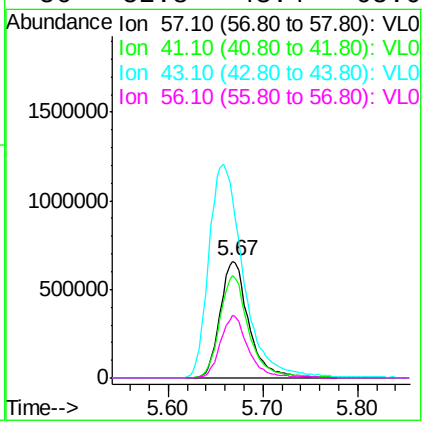


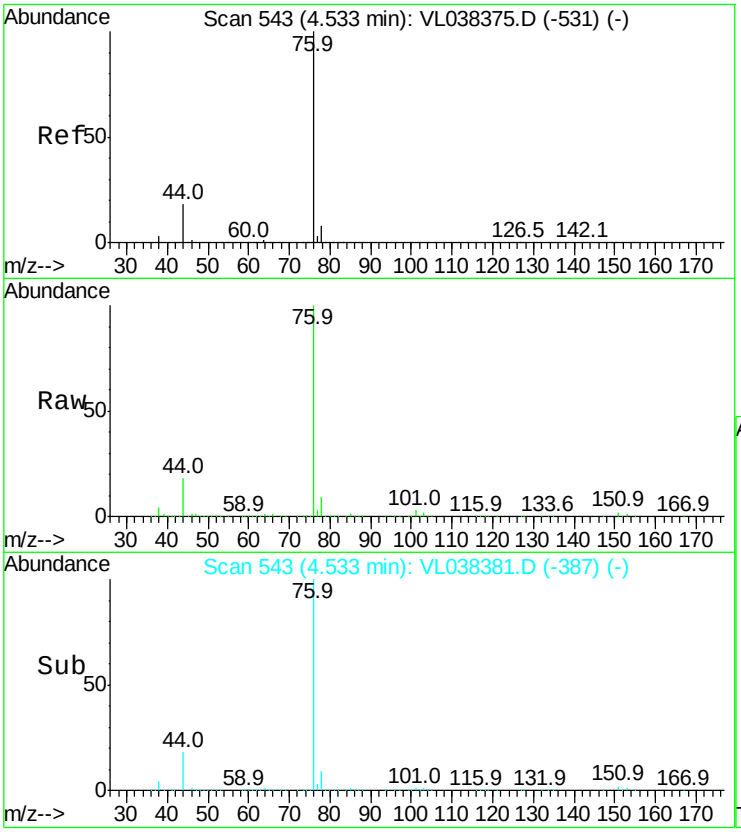


#26
Hexane
Concen: 13.08 ppbv
RT: 5.67 min Scan# 896
Delta R.T. 0.00 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion: 57 Resp: 1387941

Ion	Ratio	Lower	Upper
57	100		
41	89.9	73.1	109.7
43	221.4	181.0	271.4
56	52.8	43.4	65.0



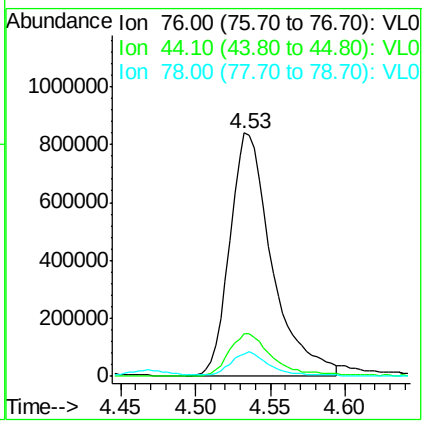


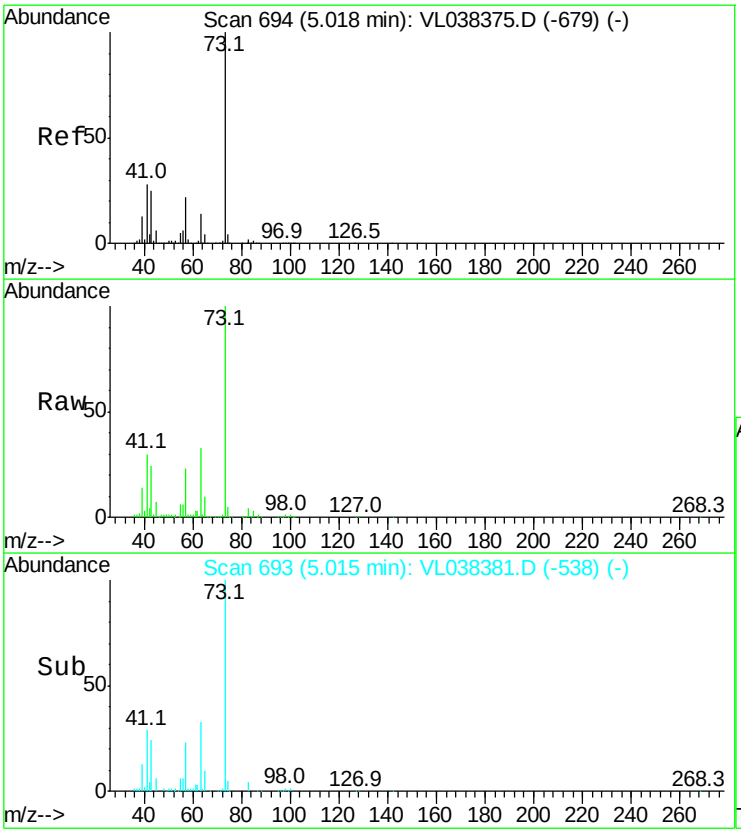
#27
Carbon Disulfide
Concen: 13.53 ppbv
RT: 4.53
Delta R.T
Lab File:
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 76 Resp: 1644704

Ion	Ratio	Lower	Upper
76	100		
44	18.7	14.2	21.2
78	10.1	7.8	11.6

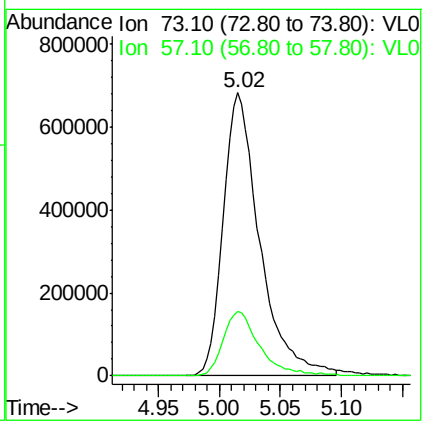


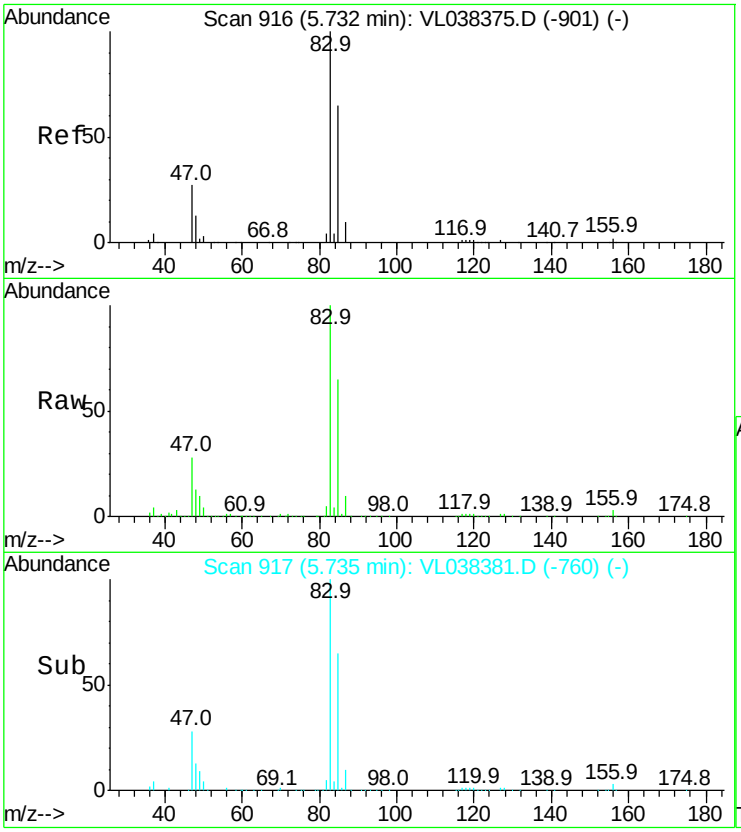


#28
Methyl tert-Butyl Ether
Concen: 13.12 ppbv
RT: 5.02 min Scan# 693
Delta R.T. -0.00 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion: 73 Resp: 1426199

Ion	Ratio	Lower	Upper
73	100		
57	23.3	18.2	27.4



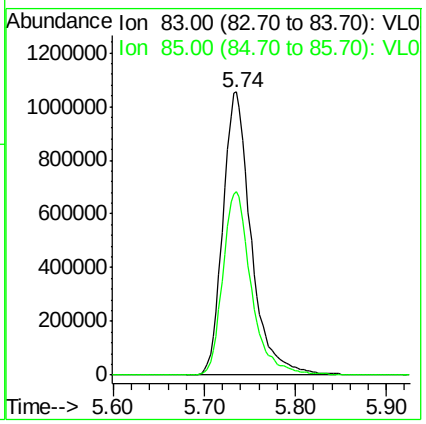


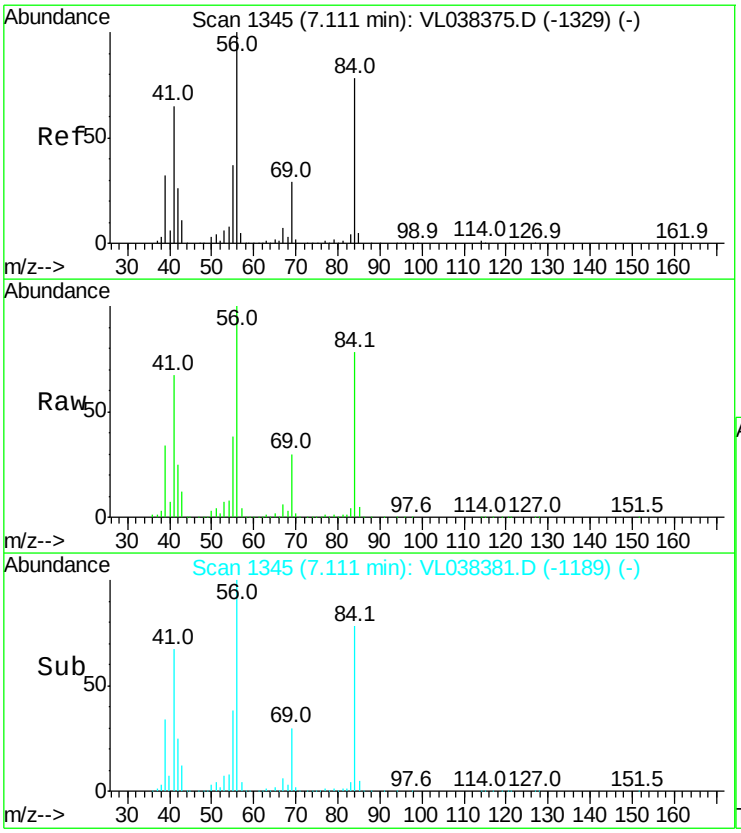
#29
Chloroform
Concen: 13.13 ppbv
RT: 5.74
Delta R.T
Lab File:
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 83 Resp: 2269696

Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.6	77.4

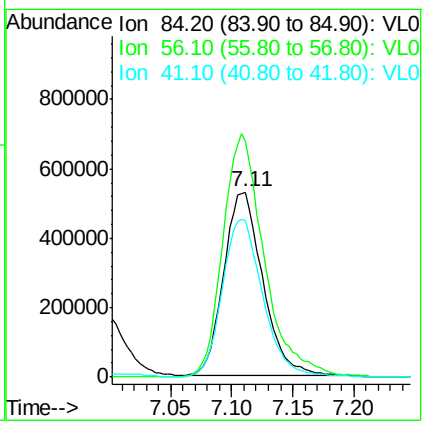


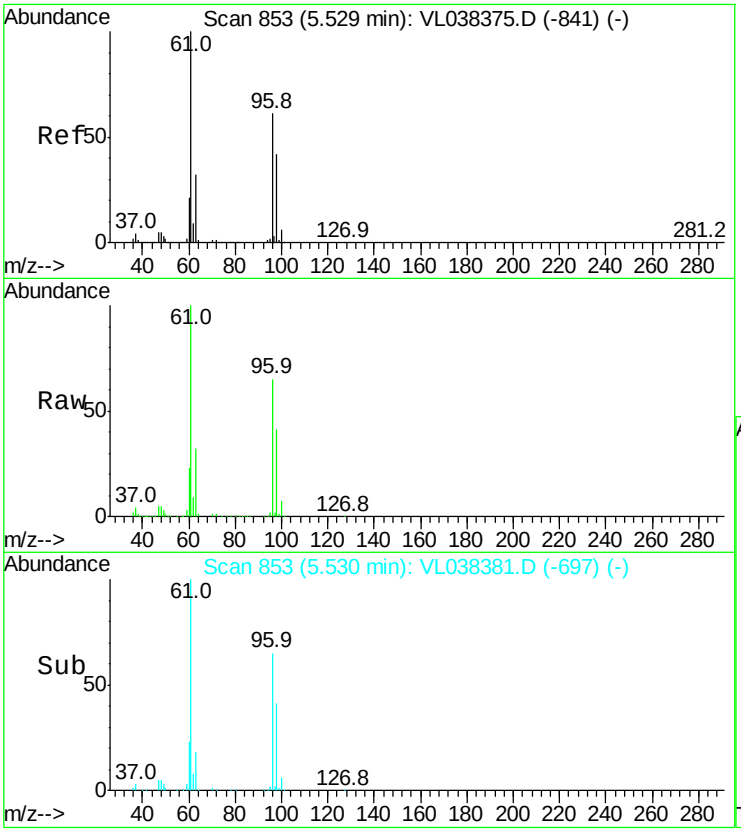


#30
Cyclohexane
Concen: 13.02 ppbv
RT: 7.11 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion: 84 Resp: 1180025

Ion	Ratio	Lower	Upper
84	100		
56	141.1	116.2	174.4
41	89.8	74.3	111.5



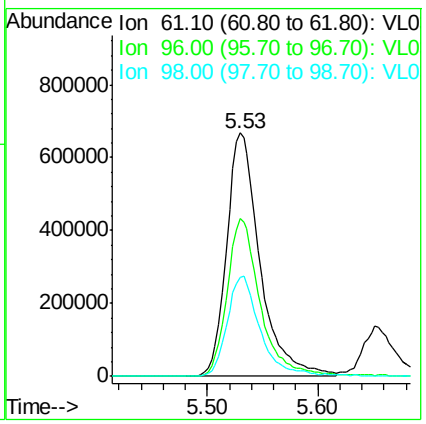


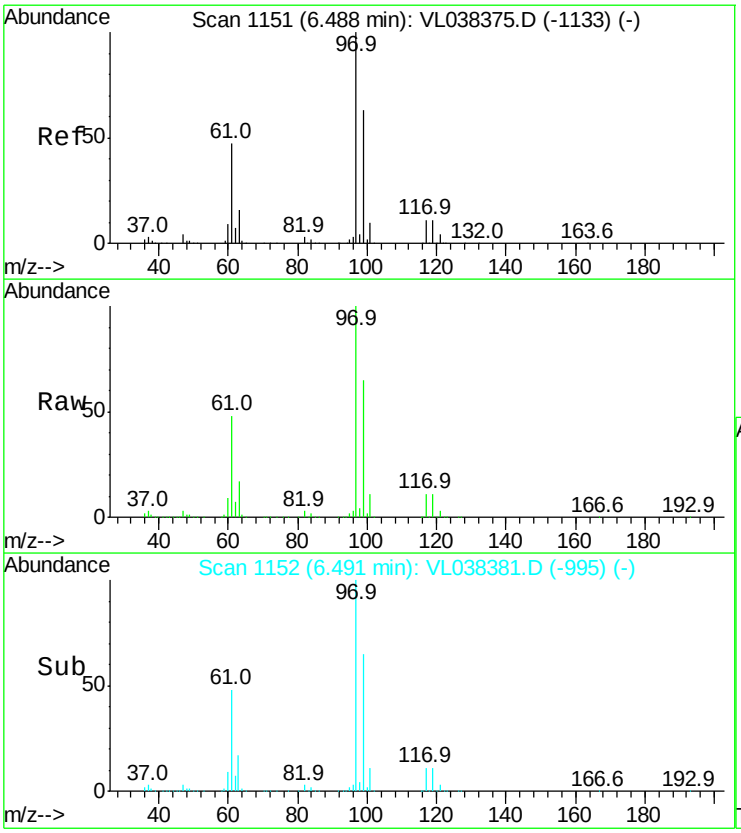
#31
cis-1,2-Dichloroethene
Concen: 14.40 ppbv
RT: 5.53
Delta R.T
Lab File:
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 61 Resp: 1395069

Ion	Ratio	Lower	Upper
61	100		
96	64.8	48.6	73.0
98	40.9	33.2	49.8

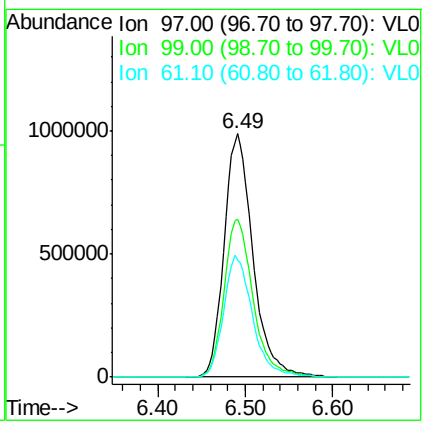


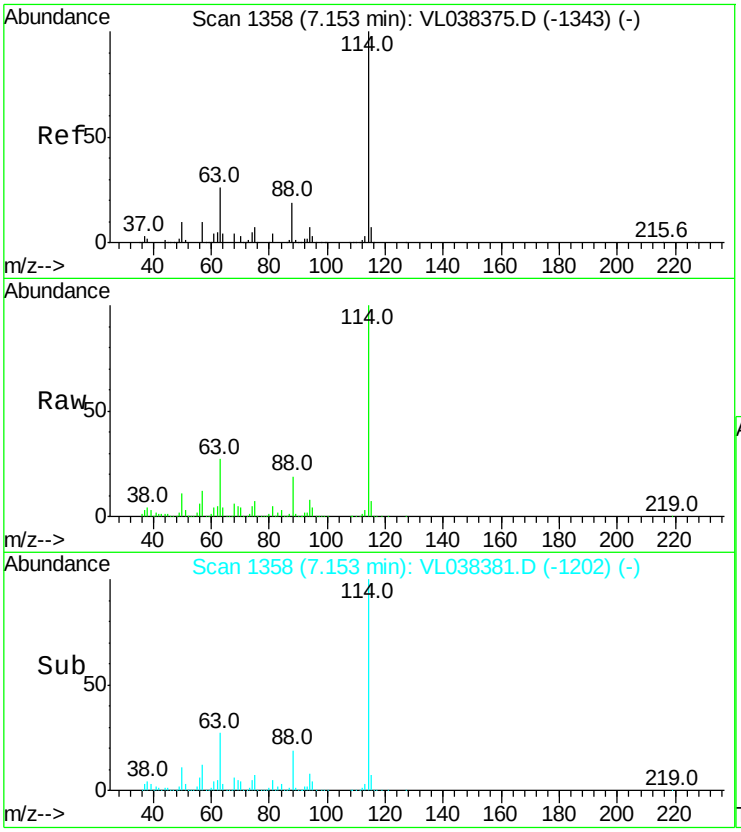


#32
1,1,1-Trichloroethane
Concen: 13.11 ppbv
RT: 6.49 min Scan# 1152
Delta R.T. 0.00 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion: 97 Resp: 2262111

Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.9	77.9
61	50.2	40.5	60.7



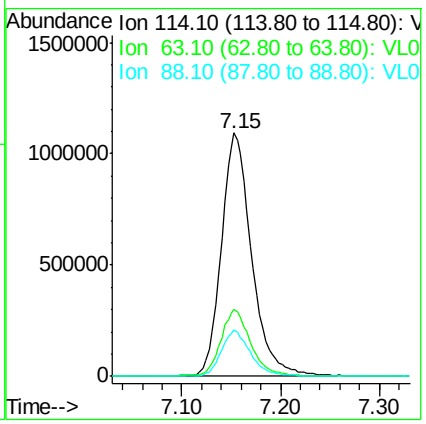


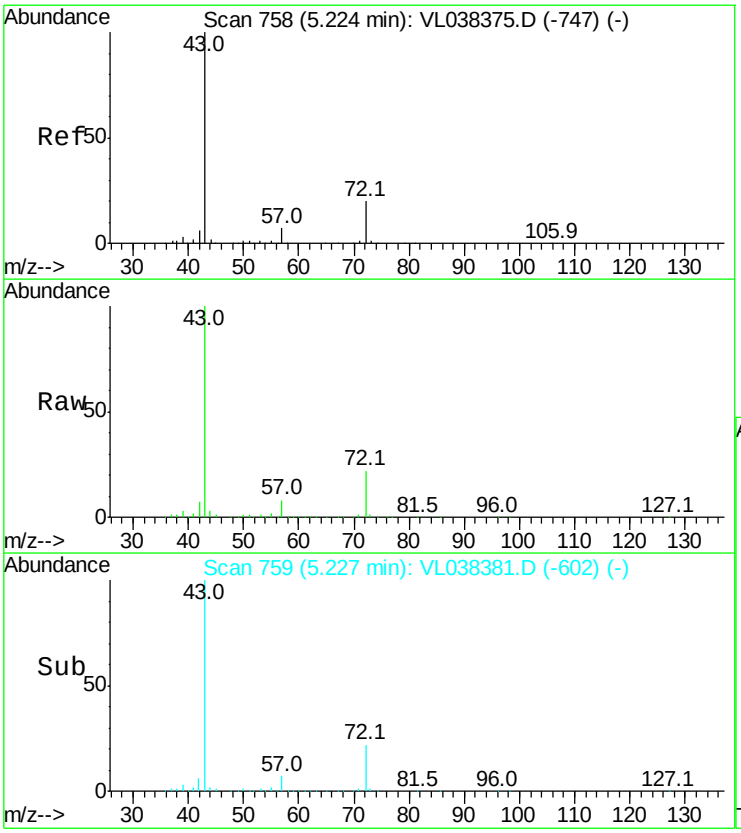
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.15
Delta R.T
Lab File:
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:114 Resp: 2346058

Ion	Ratio	Lower	Upper
114	100		
63	27.7	22.2	33.2
88	18.4	15.2	22.8

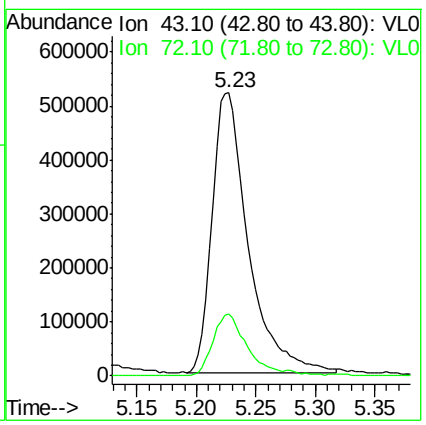


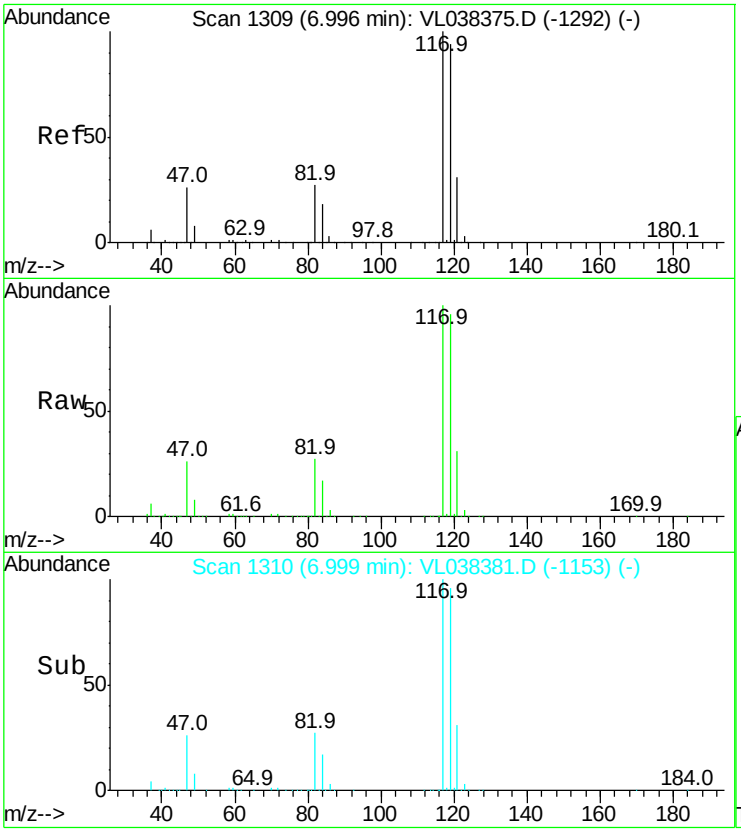


#34
2-Butanone
Concen: 14.09 ppbv
RT: 5.23 min Scan# 759
Delta R.T. 0.00 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion: 43 Resp: 1091350

Ion	Ratio	Lower	Upper
43	100		
72	22.1	17.4	26.2



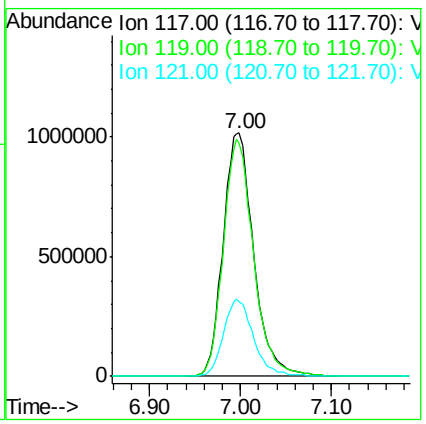


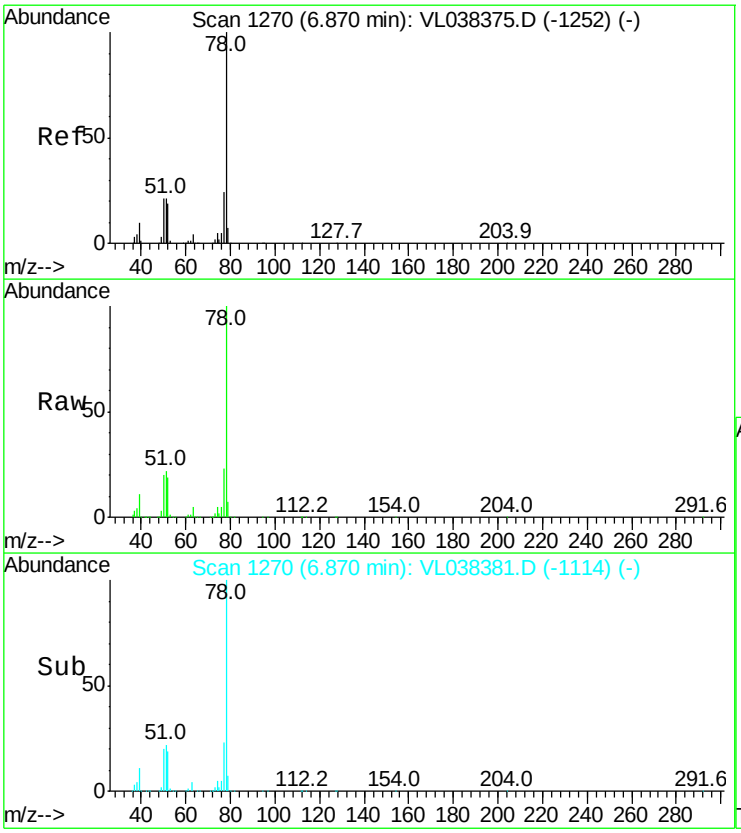
#35
Carbon Tetrachloride
Concen: 14.35 ppbv
RT: 7.00
Delta R.T
Lab File:
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:117 Resp: 2368725

Ion	Ratio	Lower	Upper
117	100		
119	96.1	74.9	112.3
121	30.7	24.8	37.2

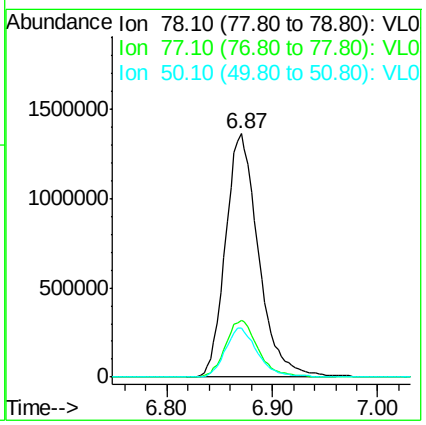


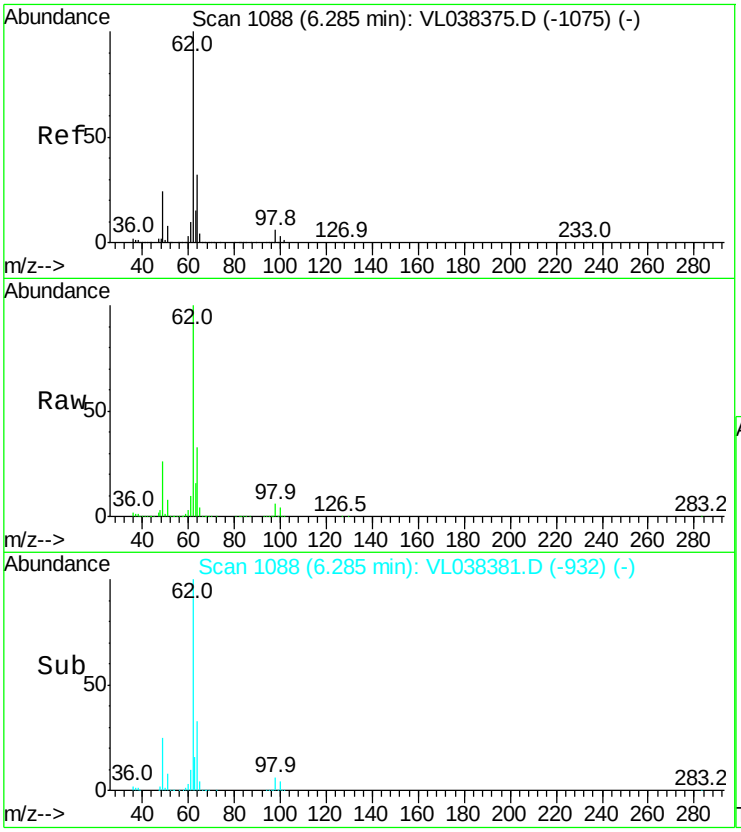


#36
Benzene
Concen: 14.20 ppbv
RT: 6.87 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion: 78 Resp: 2959785

Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.6
50	20.1	16.6	24.8



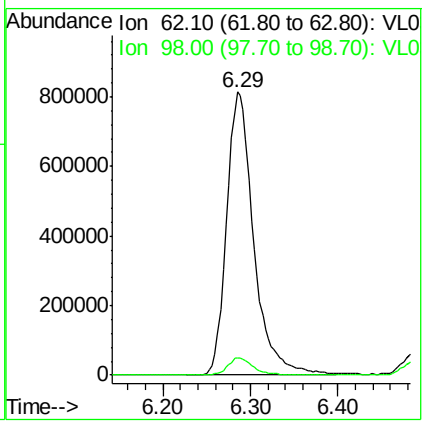


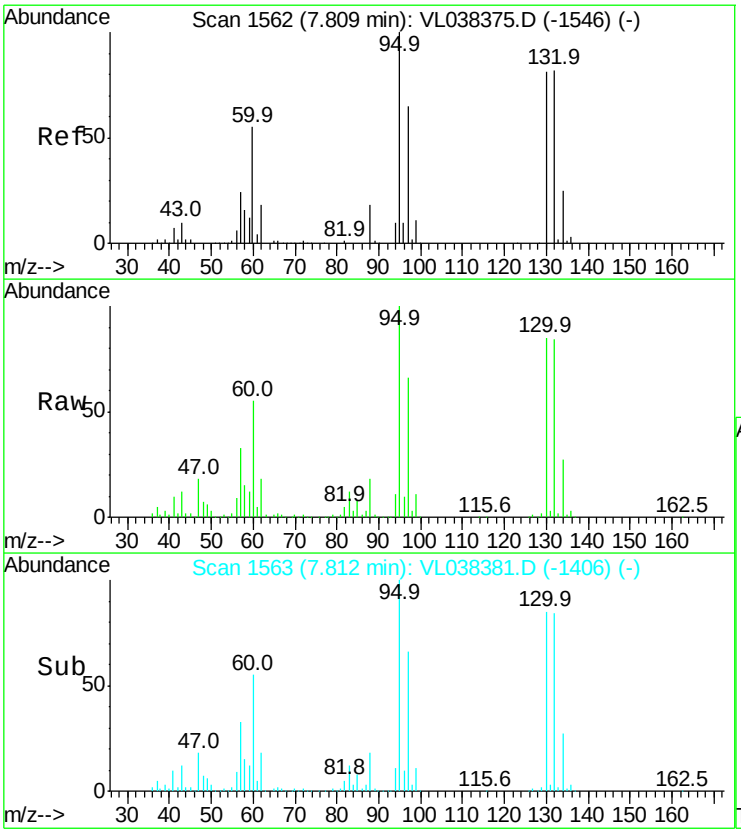
#37
1,2-Dichloroethane
Concen: 14.65 ppbv
RT: 6.29
Delta R.T
Lab File:
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 62 Resp: 1750375

Ion	Ratio	Lower	Upper
62	100		
98	5.9	4.6	7.0

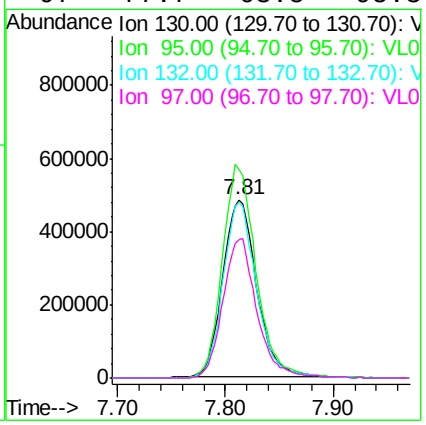


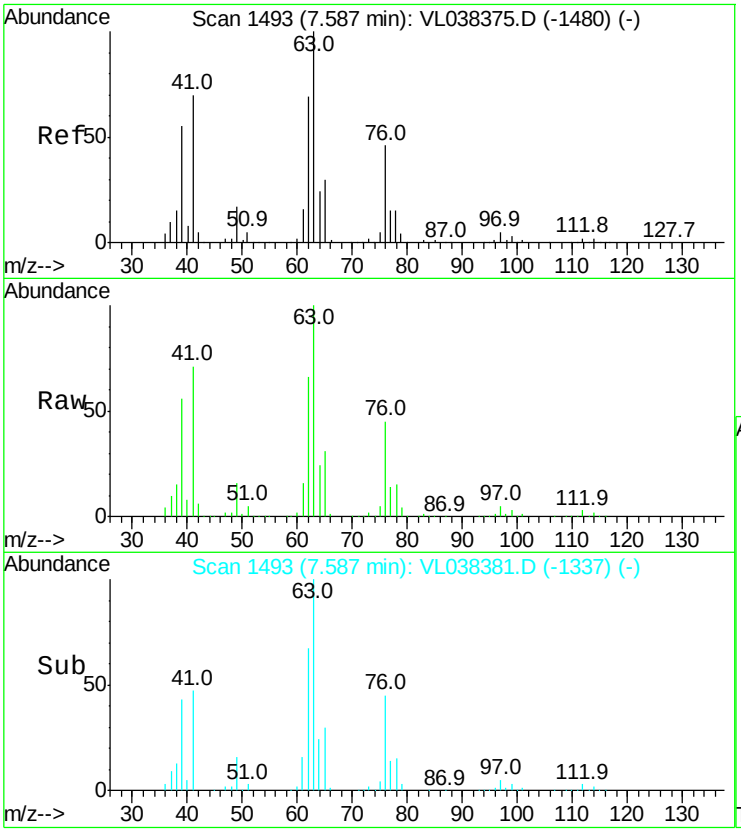


#38
Trichloroethene
Concen: 13.74 ppbv
RT: 7.81 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion:130 Resp: 1064266

Ion	Ratio	Lower	Upper
130	100		
95	117.8	98.1	147.1
132	98.8	80.3	120.5
97	77.7	63.5	95.3



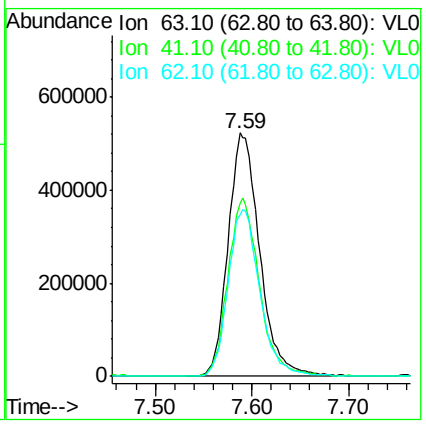


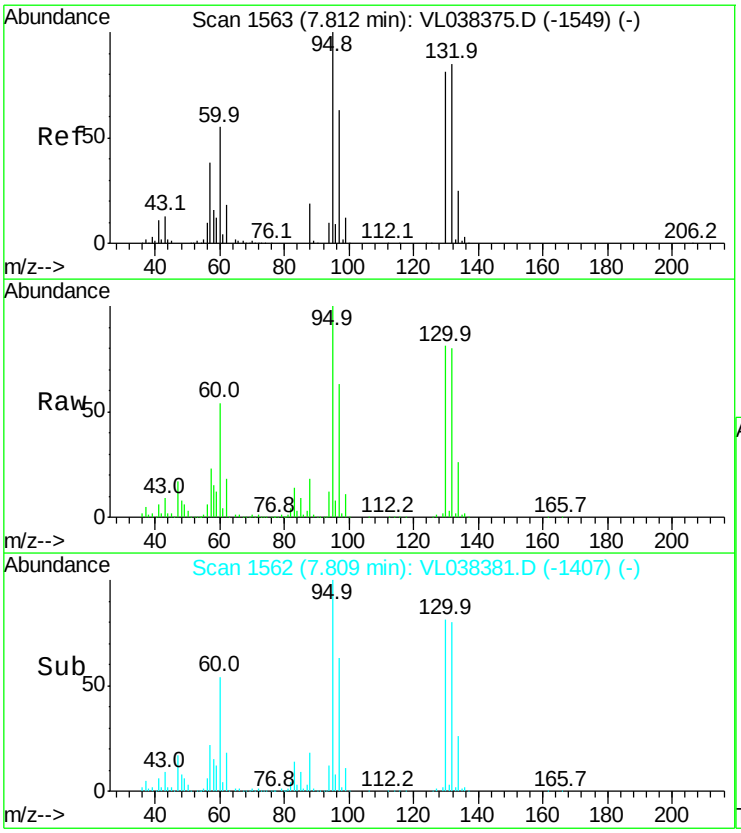
#39
1,2-Dichloropropane
Concen: 14.09 ppbv
RT: 7.59
Delta R.T
Lab File:
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 63 Resp: 1184556

Ion	Ratio	Lower	Upper
63	100		
41	71.1	56.1	84.1
62	66.4	55.5	83.3

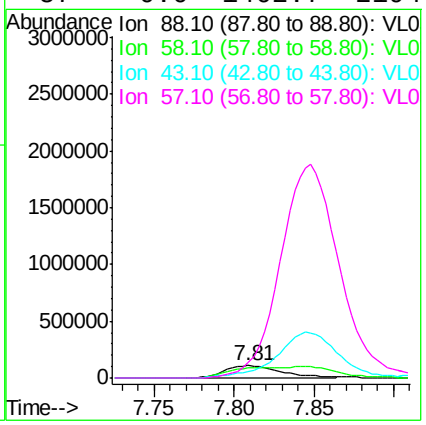


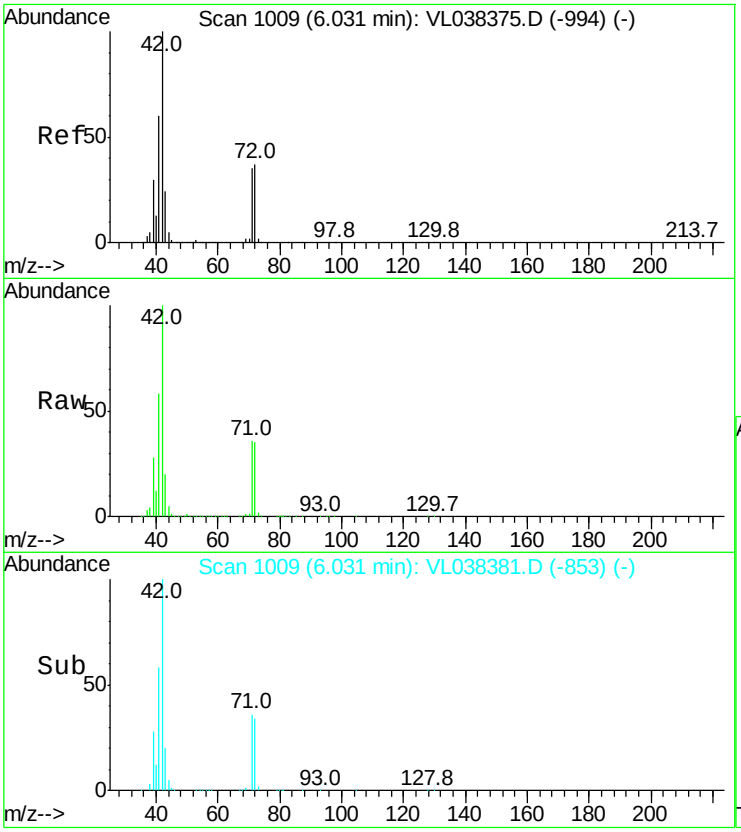


#40
1,4-Dioxane
Concen: 12.77 ppbv
RT: 7.81 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion: 88 Resp: 261407

Ion	Ratio	Lower	Upper
88	100		
58	0.0	133.2	199.8#
43	0.0	330.6	496.0#
57	0.0	1462.7	2194.1#



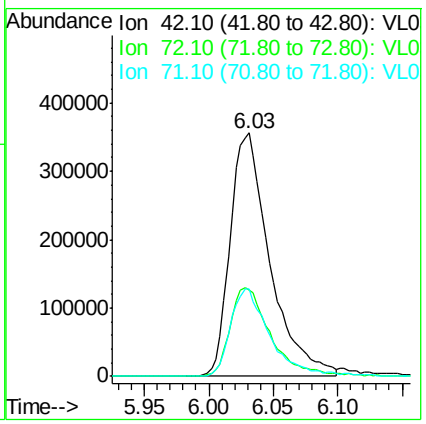


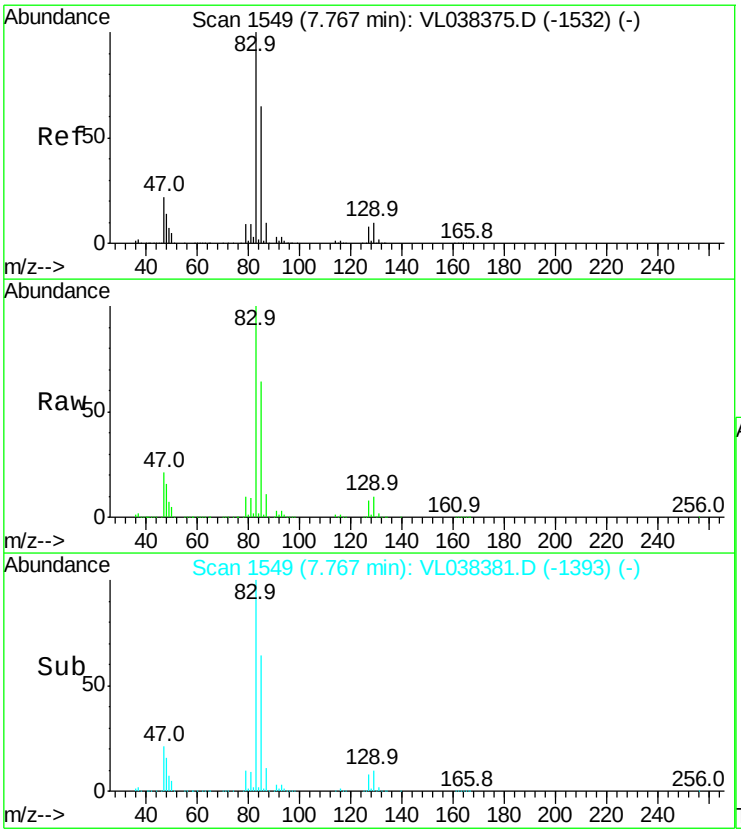
#41
Tetrahydrofuran
Concen: 14.68 ppbv
RT: 6.03
Delta R.T
Lab File:
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 42 Resp: 762460

Ion	Ratio	Lower	Upper
42	100		
72	37.7	29.9	44.9
71	36.1	28.6	42.8

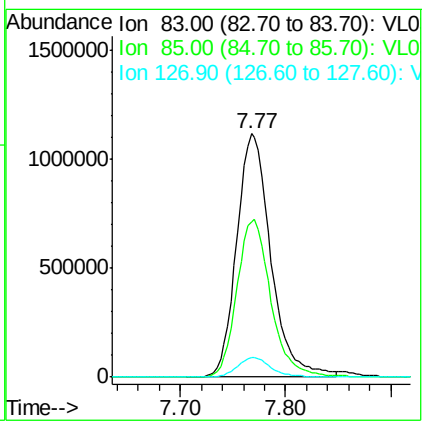


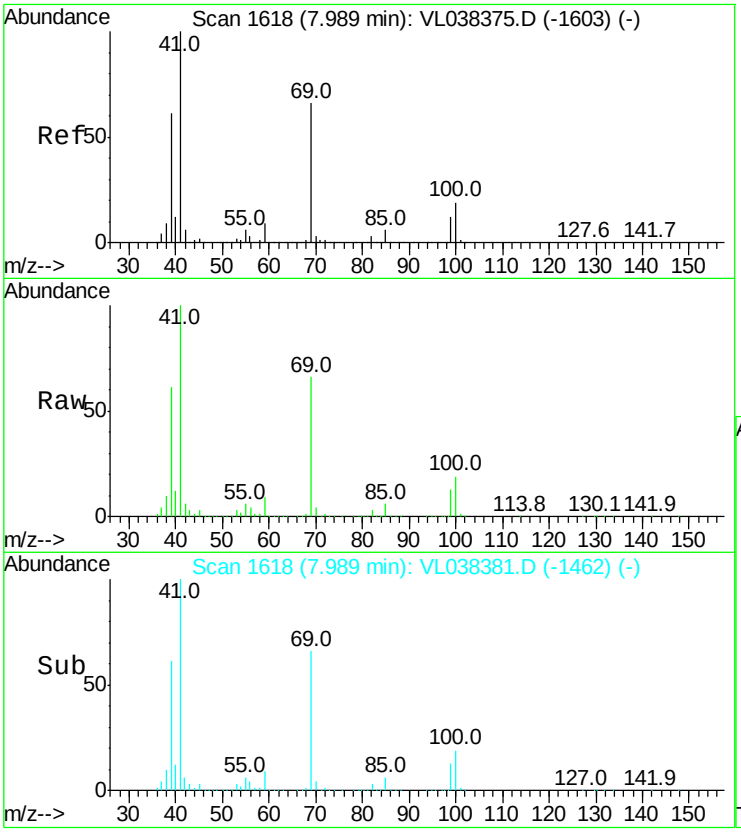


#42
Bromodichloromethane
Concen: 14.25 ppbv
RT: 7.77 min Scan# 1549
Delta R.T. 0.00 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion: 83 Resp: 2525112

Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.2	78.4
127	7.8	6.2	9.4



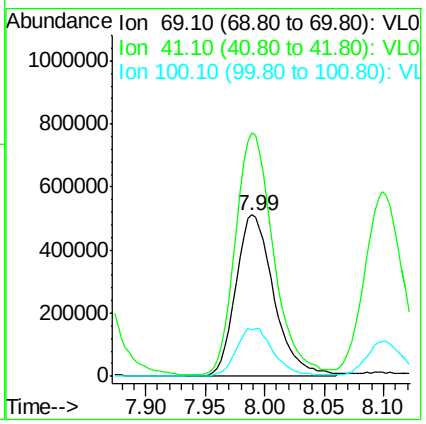


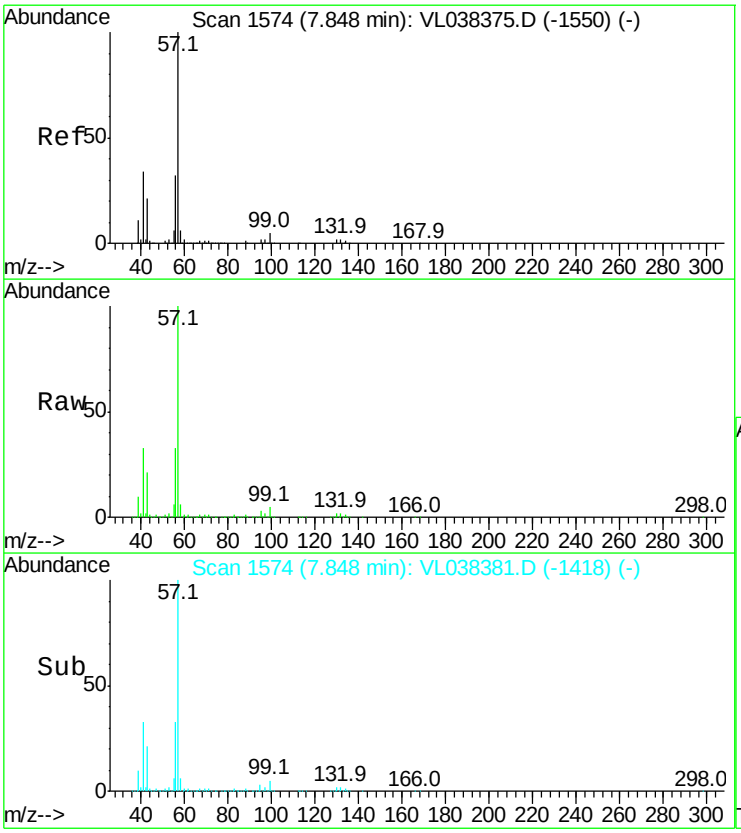
#43
Methyl Methacrylate
Concen: 15.37 ppbv
RT: 7.99
Delta R.T
Lab File:
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 69 Resp: 1130792

Ion	Ratio	Lower	Upper
69	100		
41	152.7	122.9	184.3
100	29.9	23.6	35.4

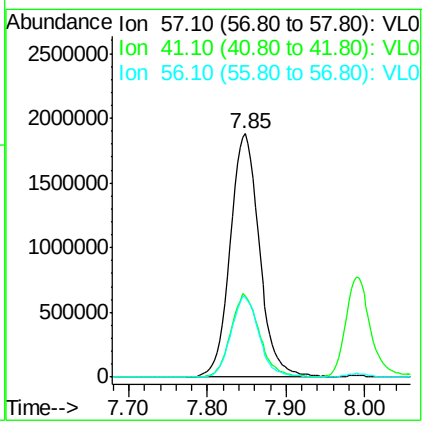


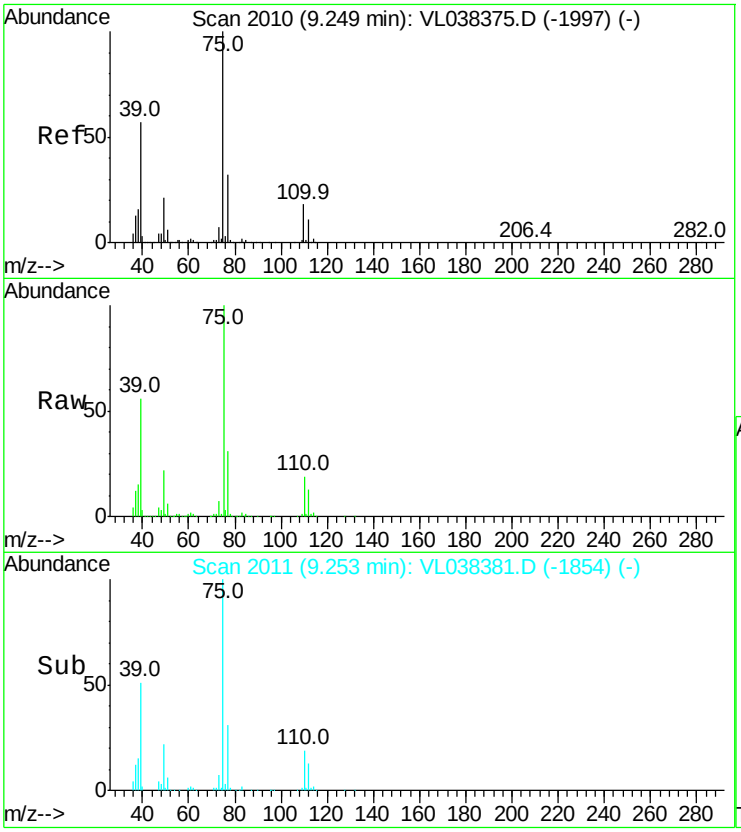


#44
2,2,4-Trimethylpentane
Concen: 13.25 ppbv
RT: 7.85 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion: 57 Resp: 4860782

Ion	Ratio	Lower	Upper
57	100		
41	33.5	26.6	39.8
56	31.9	25.0	37.6



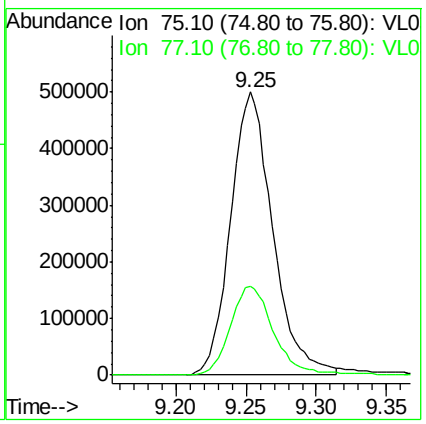


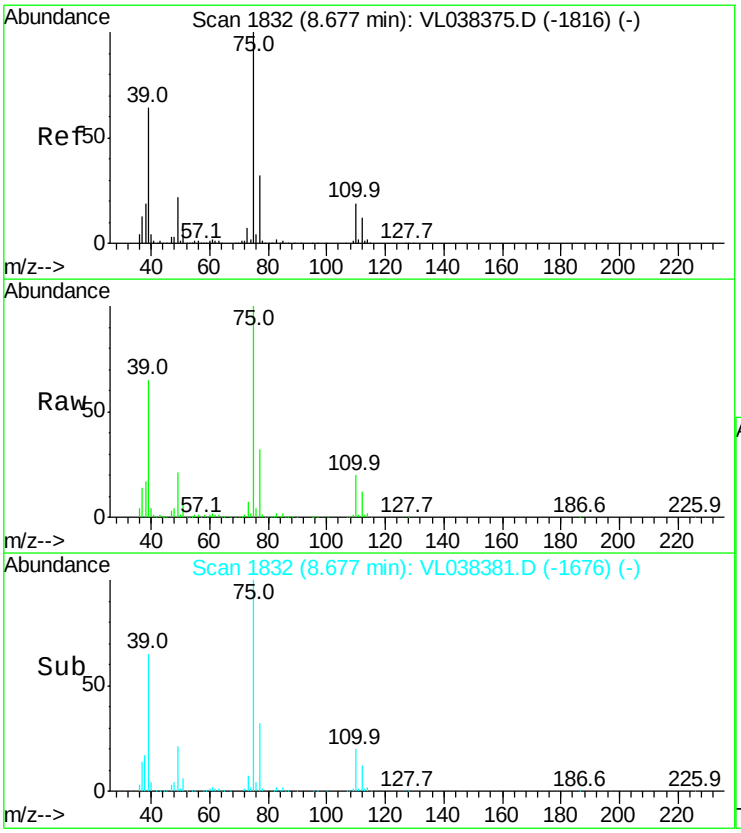
#45
t-1,3-Dichloropropene
Concen: 17.59 ppbv
RT: 9.25
Delta R.T
Lab File:
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 75 Resp: 1045193

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.4	38.0

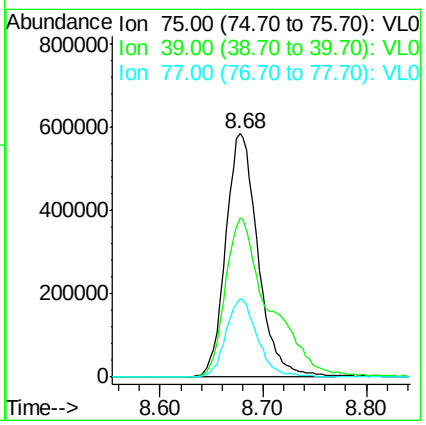


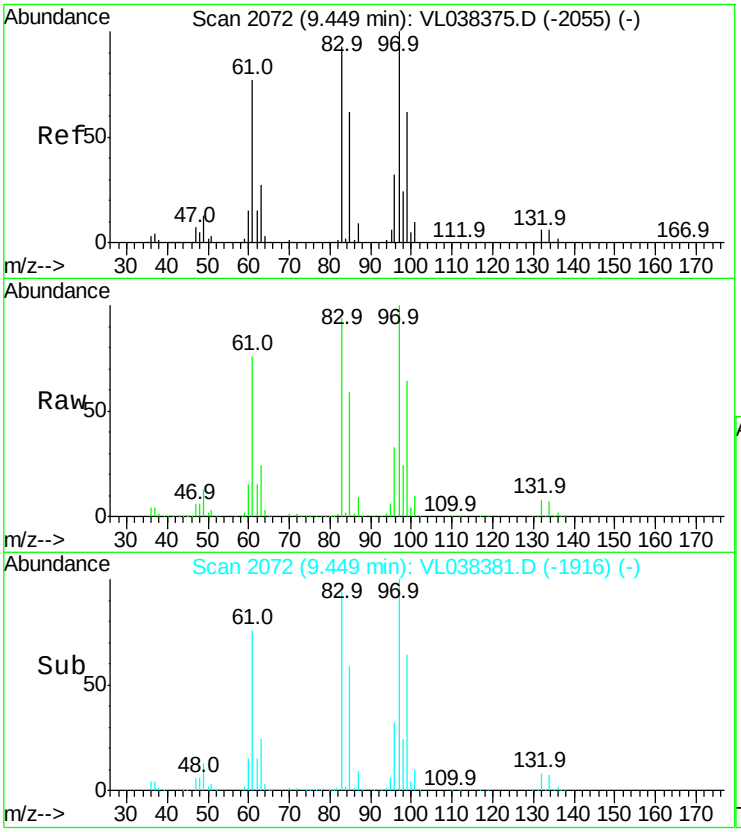


#46
cis-1,3-Dichloropropene
Concen: 16.03 ppbv
RT: 8.68 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion: 75 Resp: 1274302

Ion	Ratio	Lower	Upper
75	100		
39	65.0	51.4	77.2
77	32.2	25.4	38.2



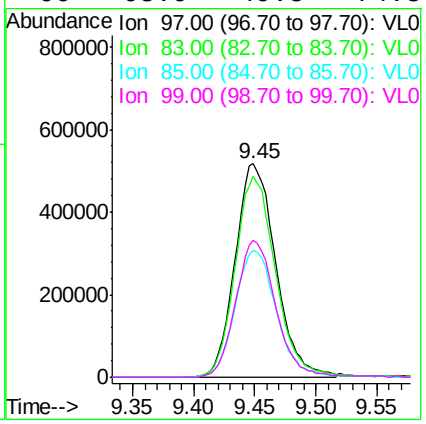


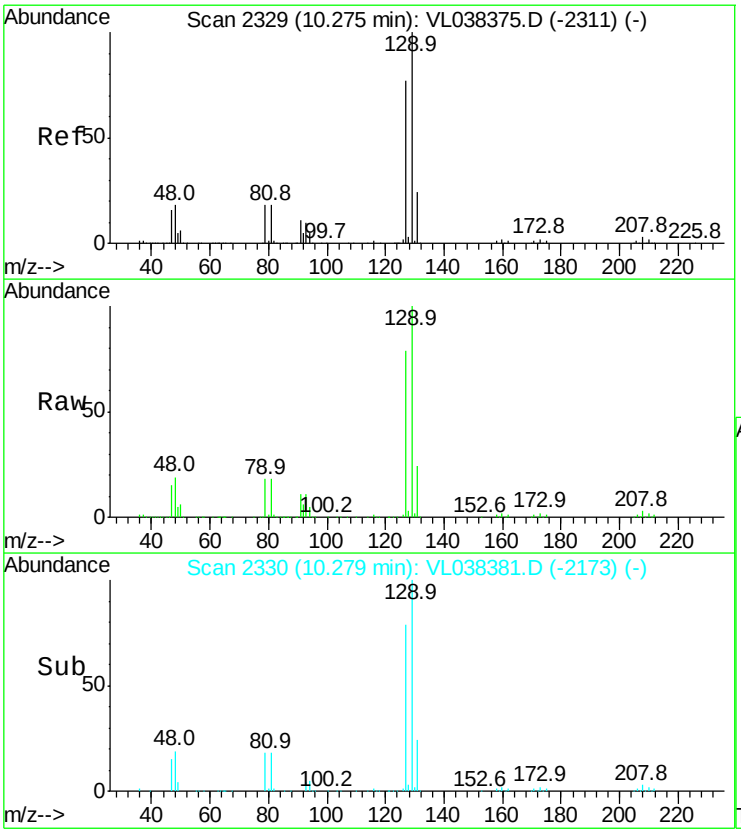
#47
1,1,2-Trichloroethane
Concen: 14.29 ppbv
RT: 9.45
Delta R.T
Lab File:
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 97 Resp: 1190904

Ion	Ratio	Lower	Upper
97	100		
83	94.2	74.2	111.4
85	59.4	49.8	74.8
99	63.9	49.5	74.3

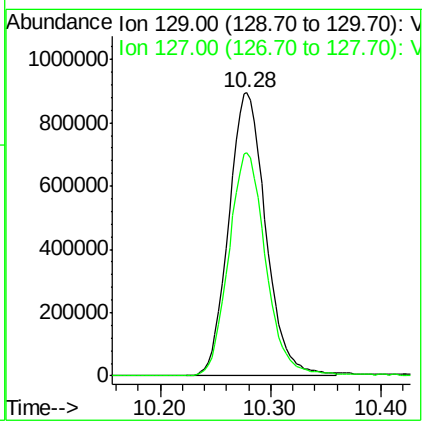


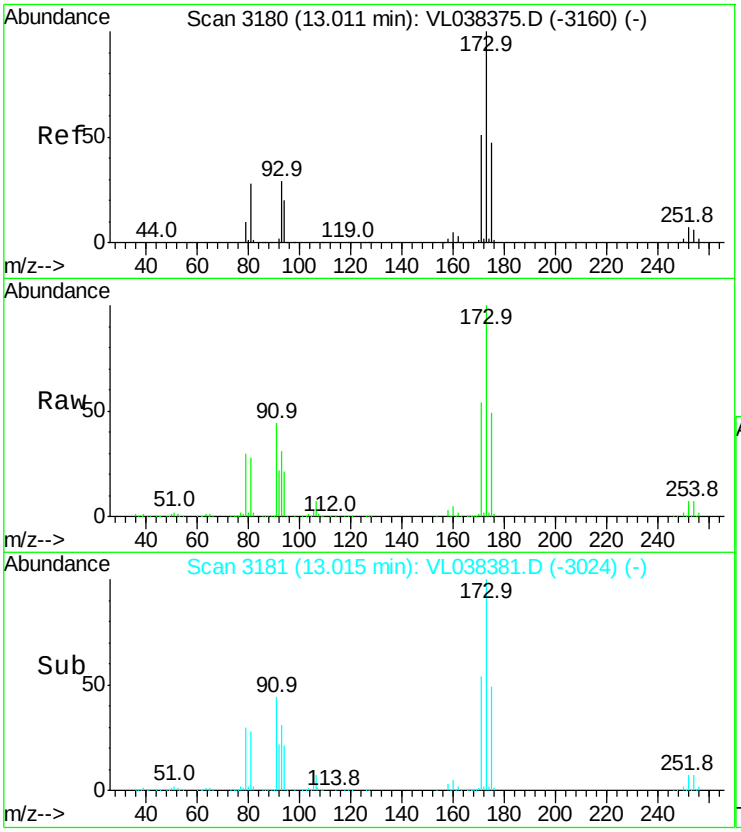


#48
Dibromochloromethane
Concen: 14.88 ppbv
RT: 10.28 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion:129 Resp: 2084505

Ion	Ratio	Lower	Upper
129	100		
127	79.6	39.4	118.1



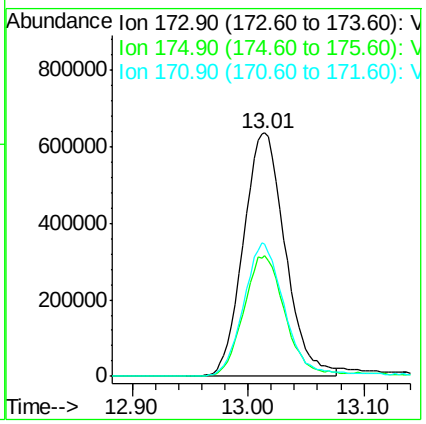


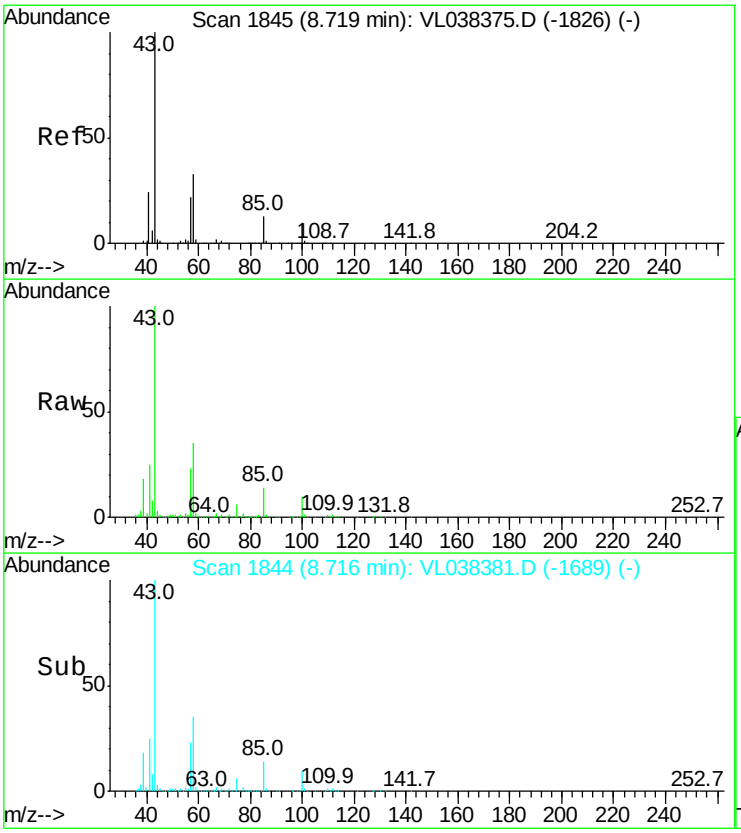
#49
Bromoform
Concen: 15.57 ppbv
RT: 13.01
Delta R.T
Lab File:
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:173 Resp: 1594341

Ion	Ratio	Lower	Upper
173	100		
175	51.6	40.2	60.2
171	55.7	42.7	64.1

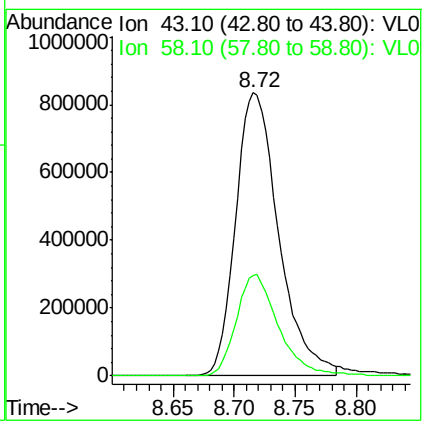


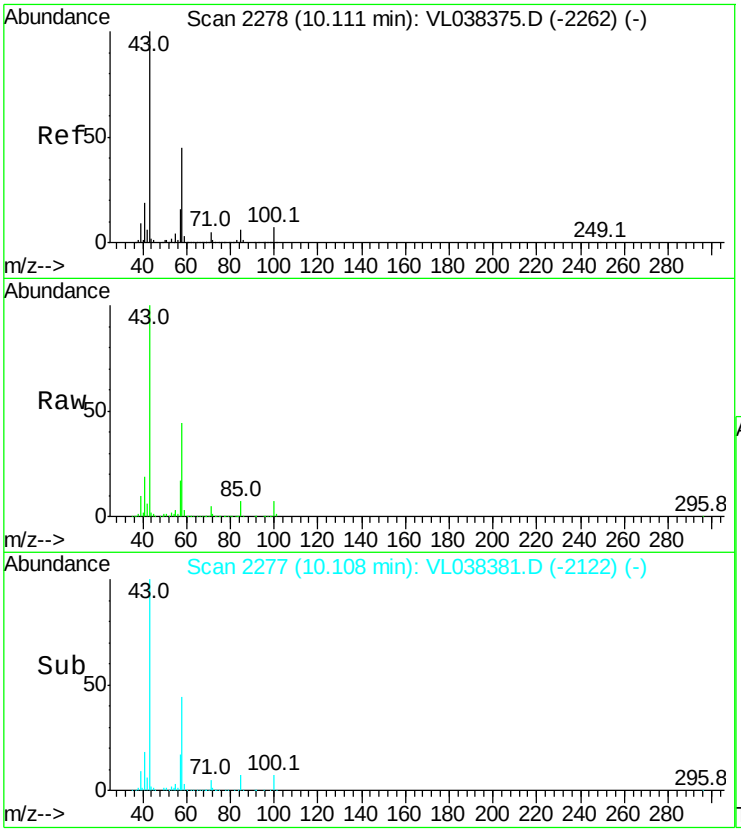


#50
4-Methyl-2-Pentanone
Concen: 14.78 ppbv
RT: 8.72 min Scan# 1844
Delta R.T. -0.00 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion: 43 Resp: 2036705

Ion	Ratio	Lower	Upper
43	100		
58	35.6	27.7	41.5



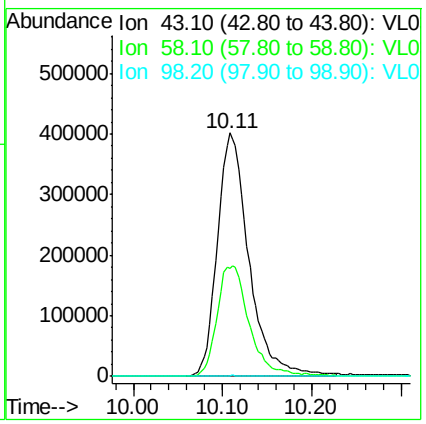


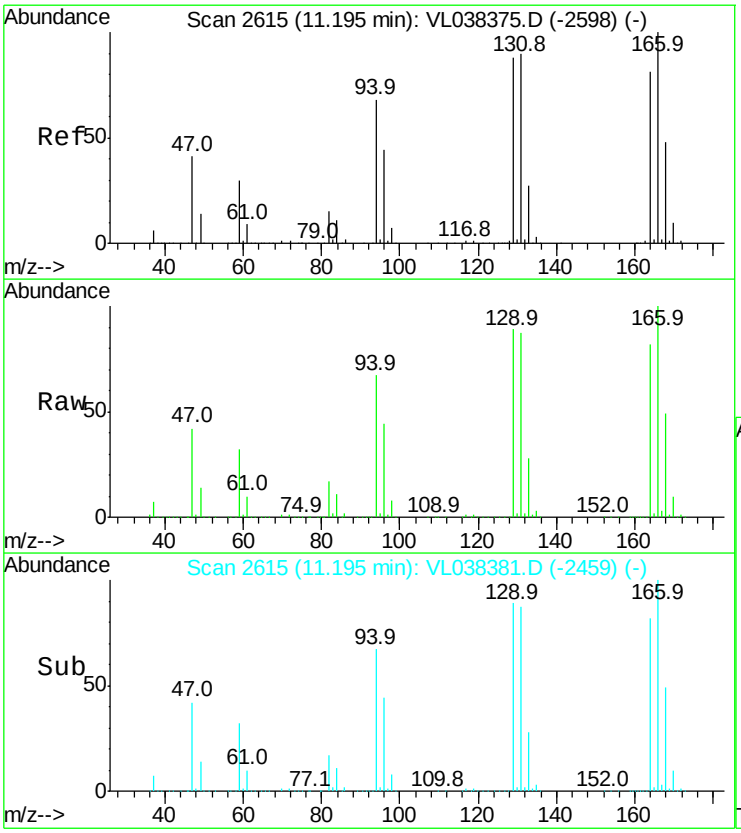
#51
2-Hexanone
Concen: 16.09 ppbv
RT: 10.11
Delta R.T
Lab File:
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 43 Resp: 979997

Ion	Ratio	Lower	Upper
43	100		
58	47.0	37.4	56.0
98	0.5	0.1	0.1#

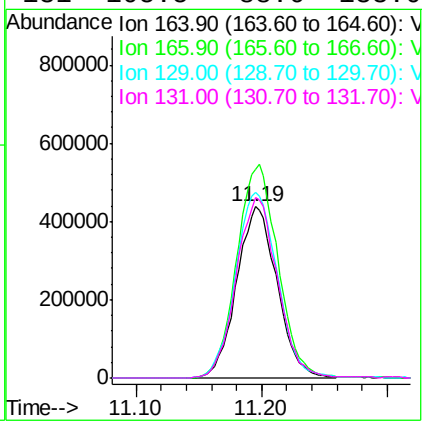


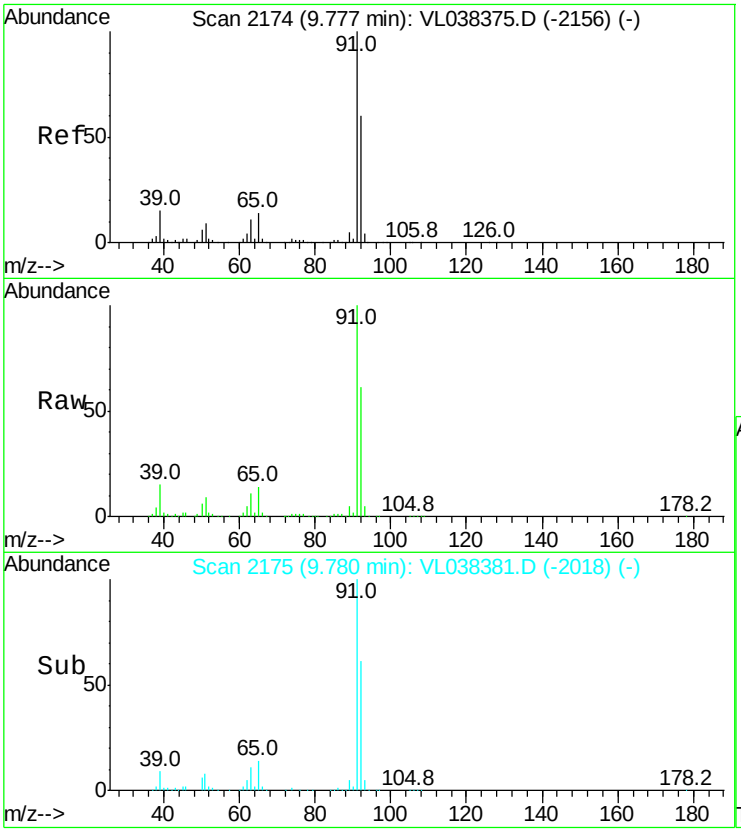


#52
Tetrachloroethene
Concen: 13.68 ppbv
RT: 11.19 min Scan# 2615
Delta R.T. 0.00 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion:164 Resp: 981184

Ion	Ratio	Lower	Upper
164	100		
166	121.6	98.6	148.0
129	108.4	86.9	130.3
131	105.5	88.6	133.0



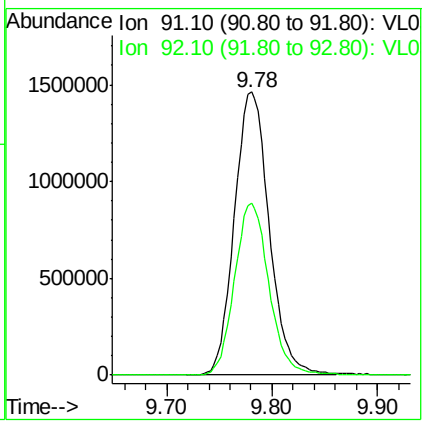


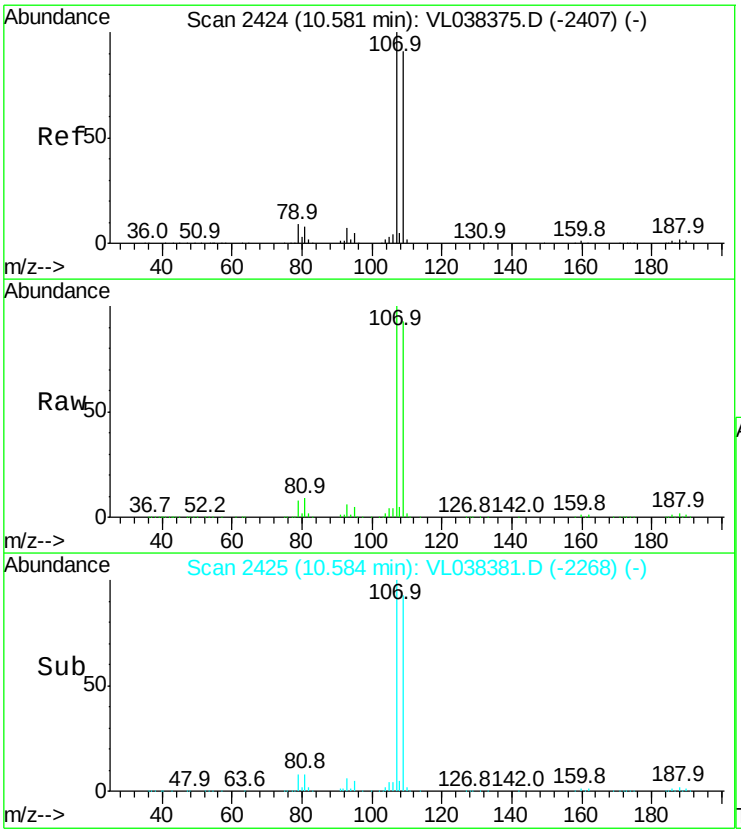
#53
Toluene
Concen: 14.60 ppbv
RT: 9.78
Delta R.T
Lab File:
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp: 3357135

Ion	Ratio	Lower	Upper
91	100		
92	60.4	48.2	72.4

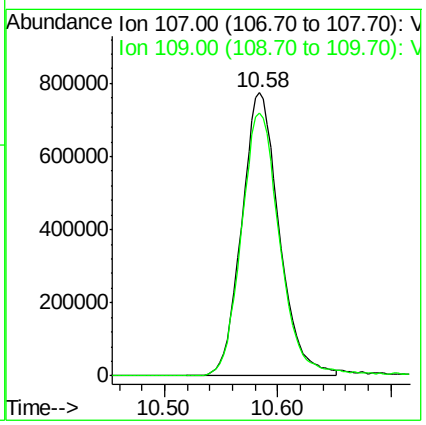


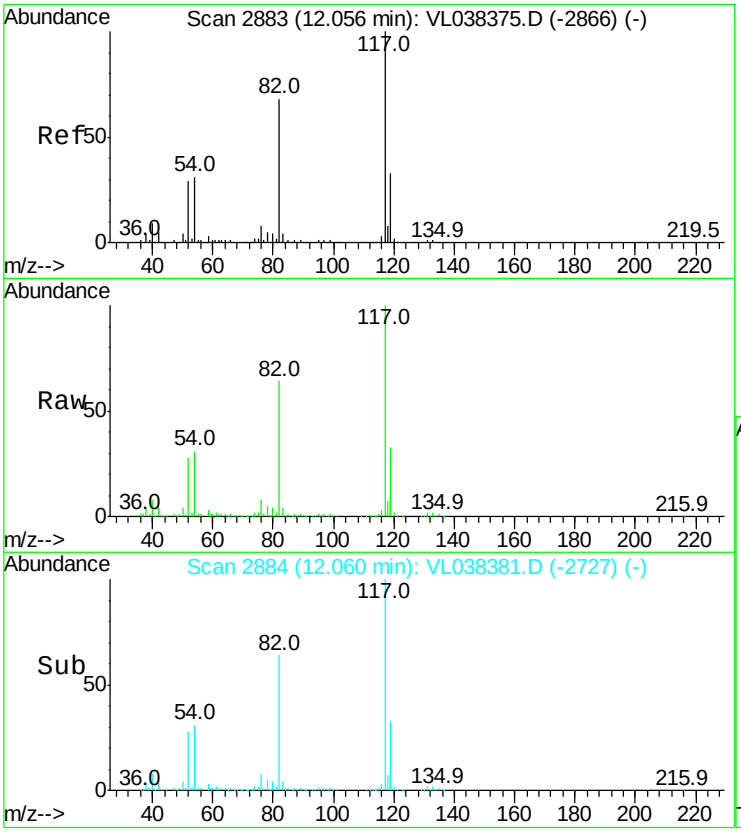


#54
1,2-Dibromoethane
Concen: 15.09 ppbv
RT: 10.58 min Scan# 2425
Delta R.T. 0.00 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion:107 Resp: 1785351

Ion	Ratio	Lower	Upper
107	100		
109	93.1	73.0	109.6



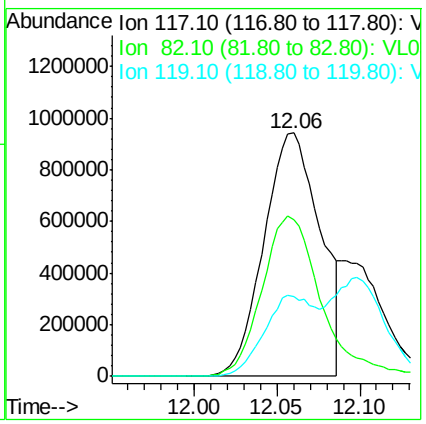


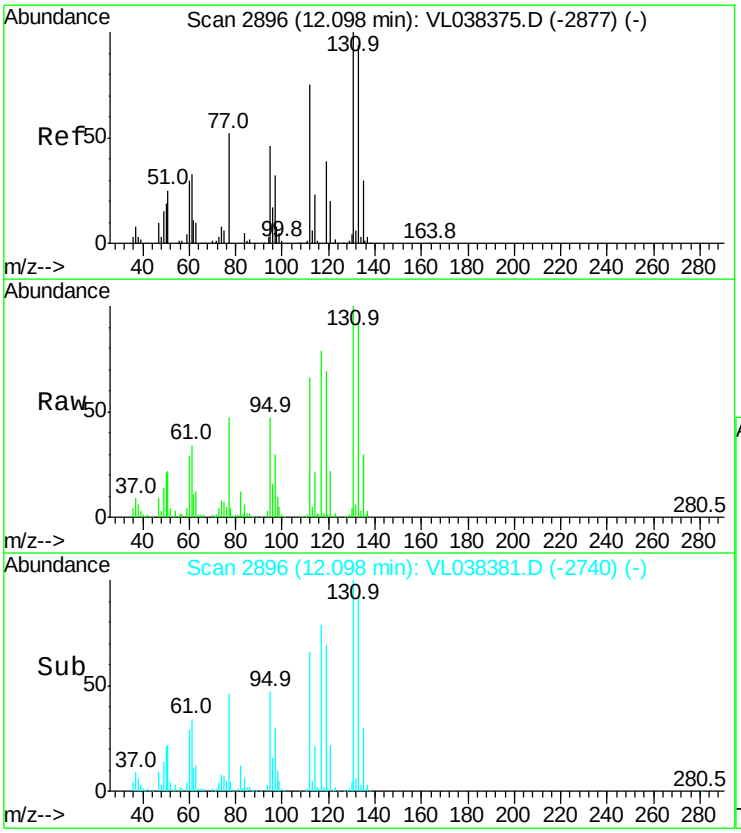
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.06
Delta R.T
Lab File:
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:117 Resp: 2225044

Ion	Ratio	Lower	Upper
117	100		
82	71.5	54.9	82.3
119	32.7	46.1	69.1#

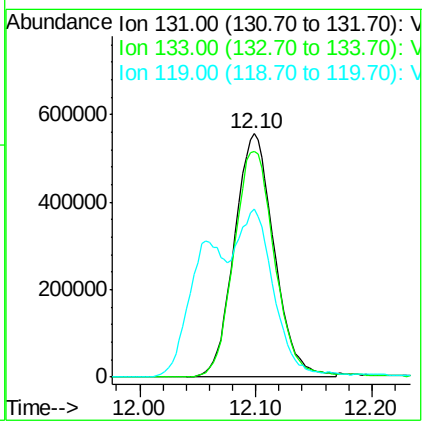


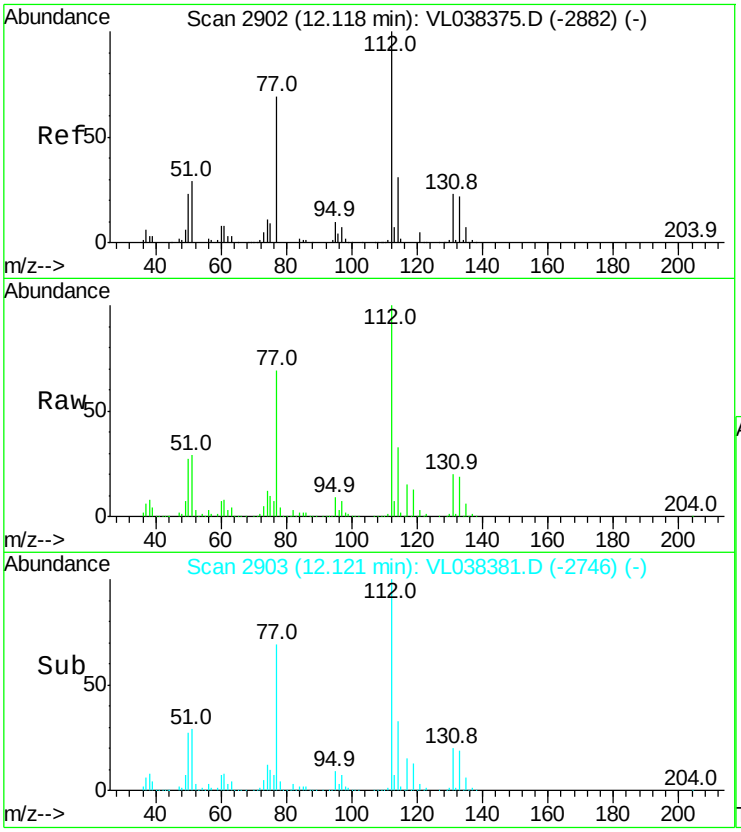


#56
1,1,1,2-Tetrachloroethane
Concen: 13.64 ppbv
RT: 12.10 min Scan# 2896
Delta R.T. 0.00 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion:131 Resp: 1327304

Ion	Ratio	Lower	Upper
131	100		
133	96.2	77.3	115.9
119	120.2	48.6	73.0#



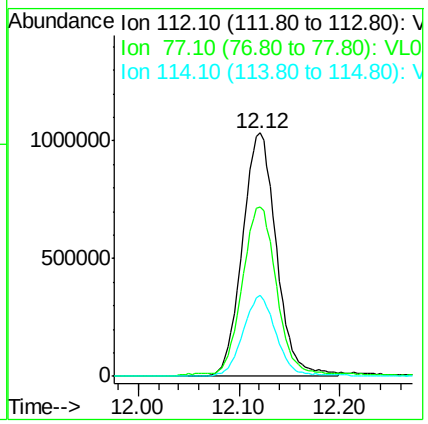


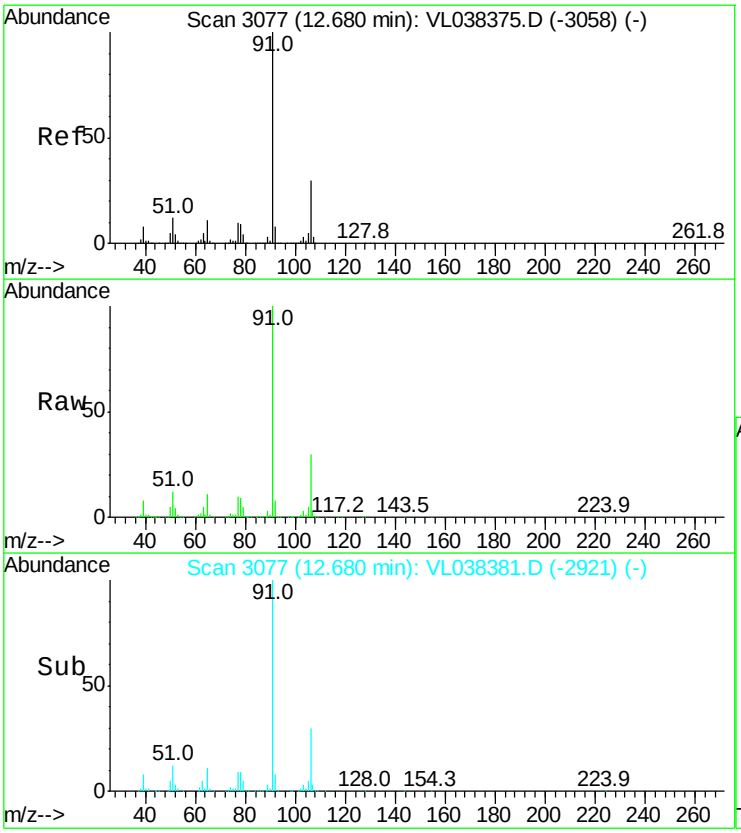
#57
Chlorobenzene
Concen: 13.59 ppbv
RT: 12.12
Delta R.T
Lab File:
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:112 Resp: 2409229

Ion	Ratio	Lower	Upper
112	100		
77	68.3	55.2	82.8
114	33.2	27.9	34.1

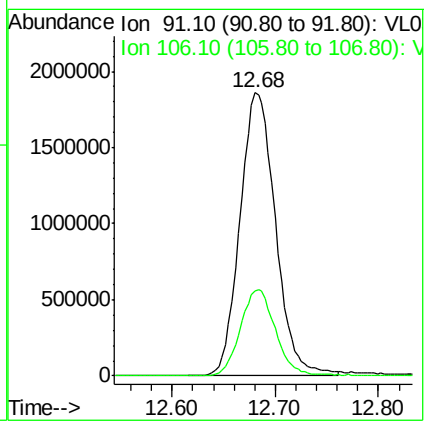


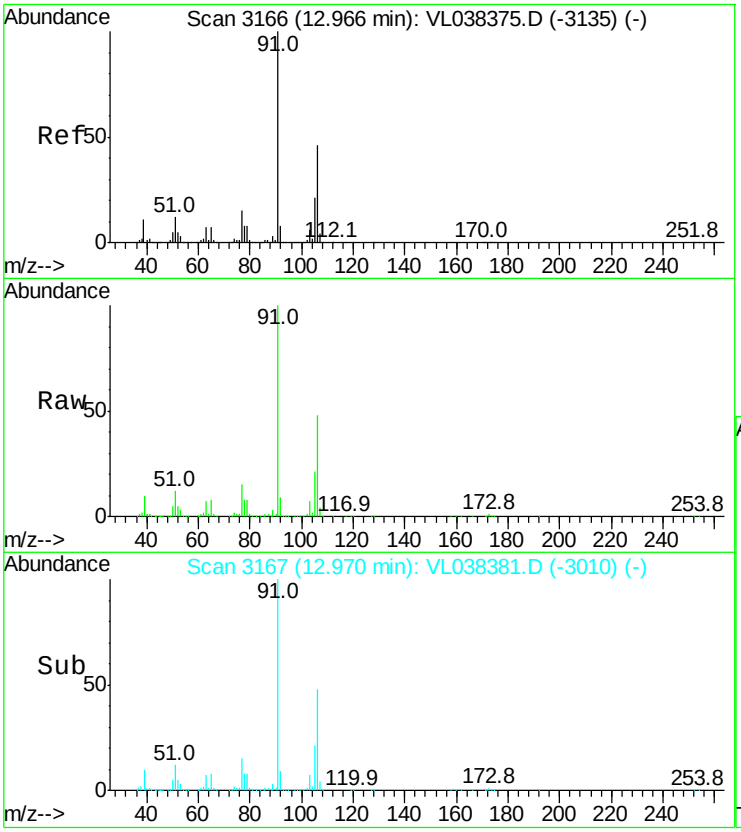


#58
Ethyl Benzene
Concen: 13.71 ppbv
RT: 12.68 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion: 91 Resp: 4467932

Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.0	36.0



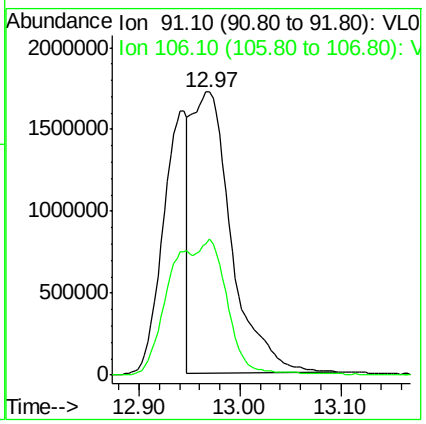


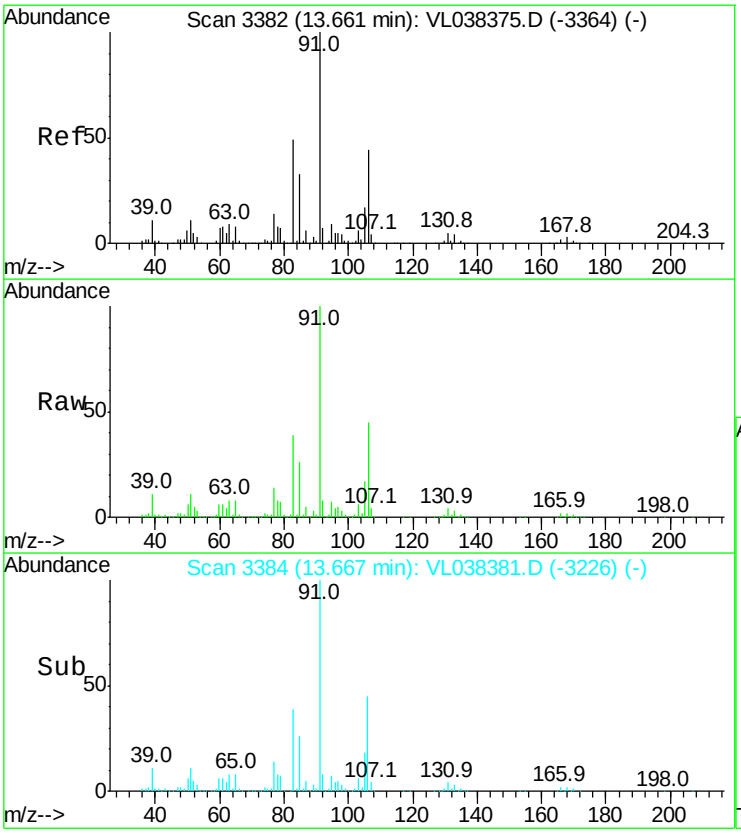
#59
m/p-Xylene
Concen: 16.98 ppbv
RT: 12.97
Delta R.T
Lab File:
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp: 4732253

Ion	Ratio	Lower	Upper
91	100		
106	70.3	34.4	51.6#

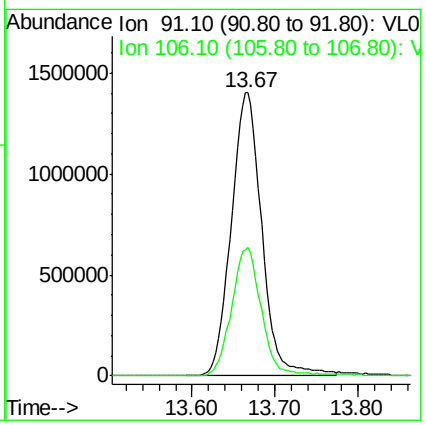


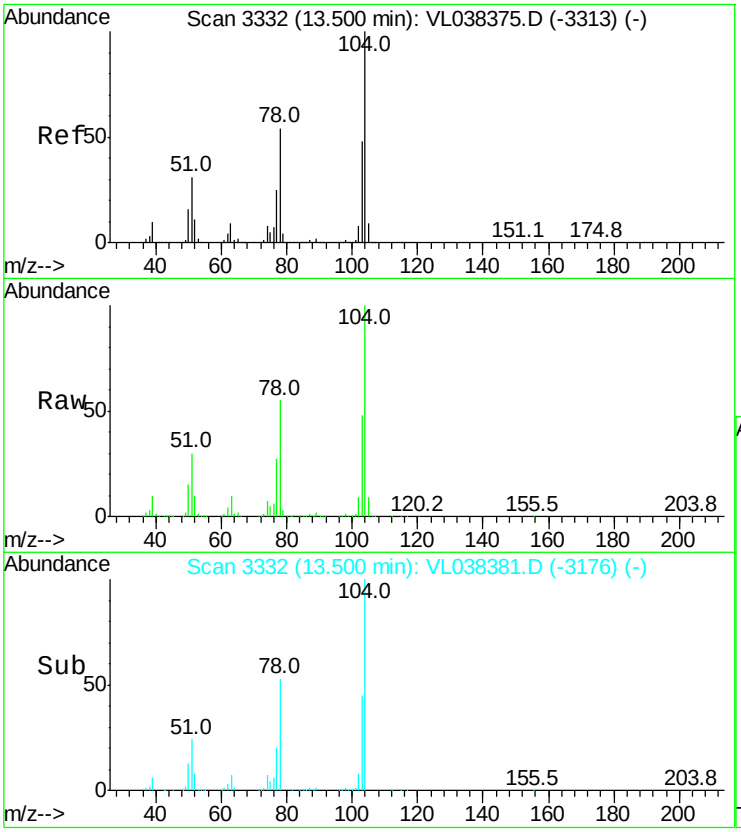


#60
o-Xylene
Concen: 13.79 ppbv
RT: 13.67 min Scan# 3384
Delta R.T. 0.01 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion: 91 Resp: 3584321

Ion	Ratio	Lower	Upper
91	100		
106	45.0	21.9	65.5



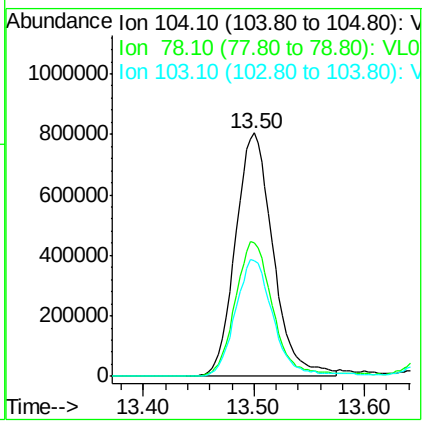


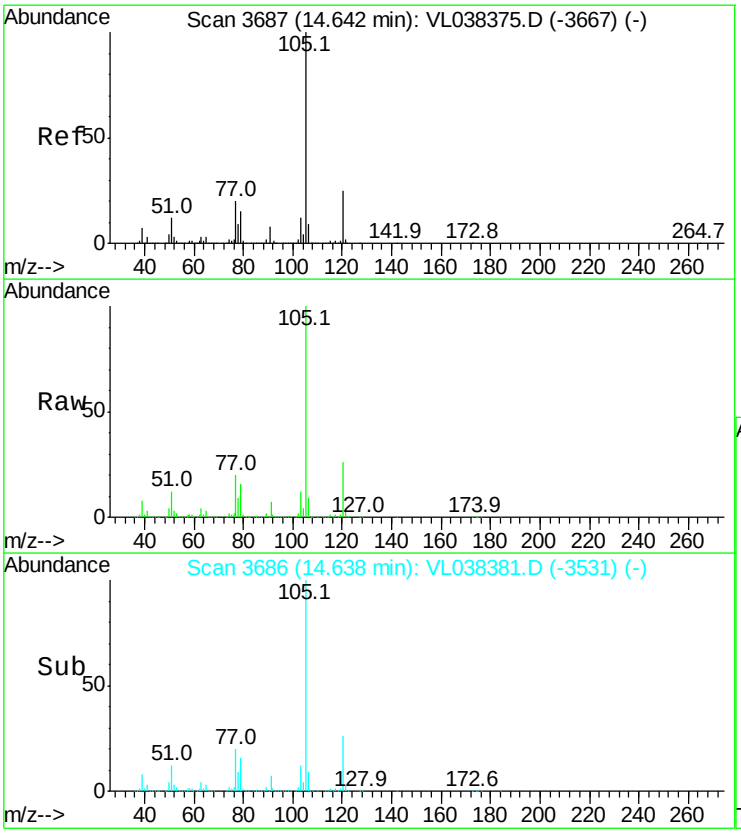
#61
Styrene
Concen: 15.72 ppbv
RT: 13.50
Delta R.T
Lab File:
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:104 Resp: 1902191

Ion	Ratio	Lower	Upper
104	100		
78	56.3	44.2	66.4
103	48.6	38.4	57.6

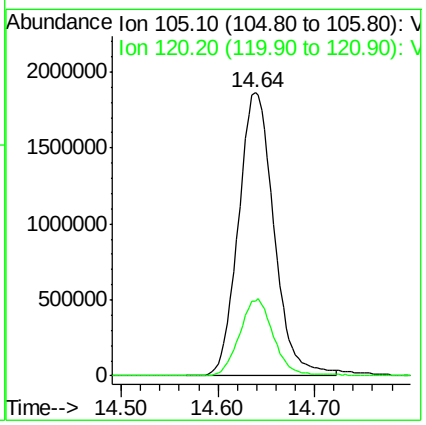


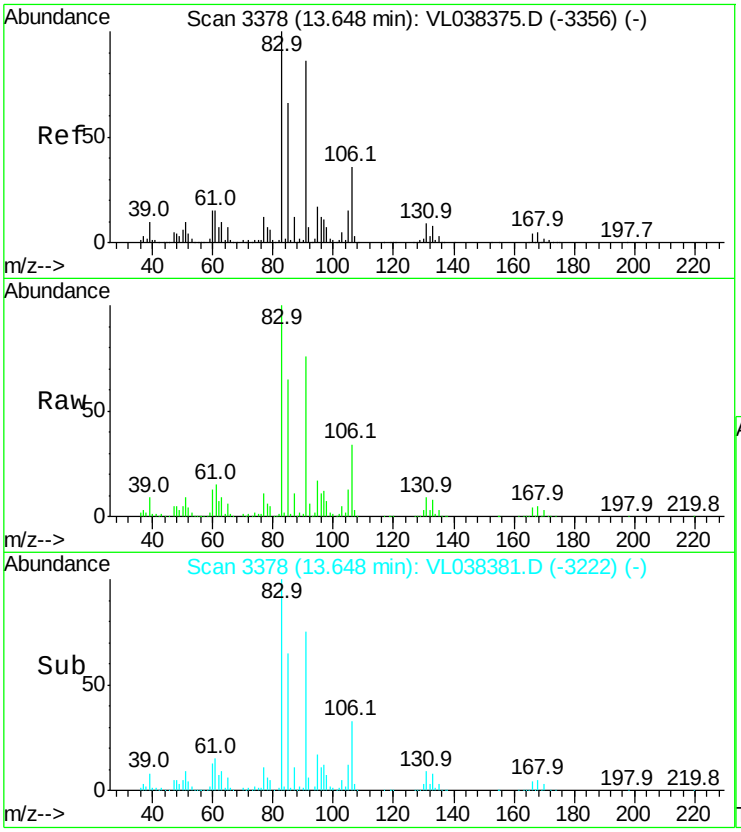


#62
Isopropylbenzene
Concen: 13.75 ppbv
RT: 14.64 min Scan# 3686
Delta R.T. -0.00 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion:105 Resp: 4770154

Ion	Ratio	Lower	Upper
105	100		
120	26.3	20.6	30.8



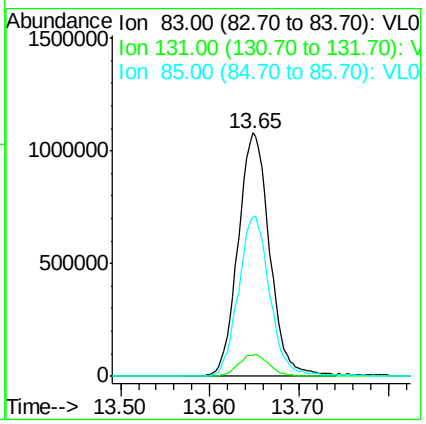


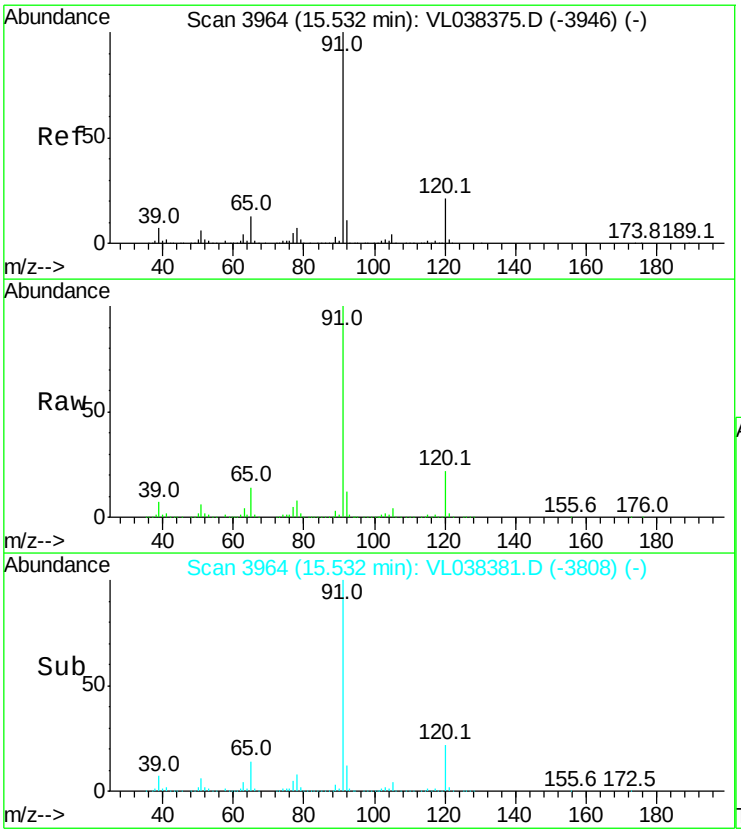
#63
1,1,2,2-Tetrachloroethane
Concen: 13.62 ppbv
RT: 13.65
Delta R.T
Lab File:
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 83 Resp: 2646613

Ion	Ratio	Lower	Upper
83	100		
131	9.0	4.5	13.7
85	65.9	33.0	99.0

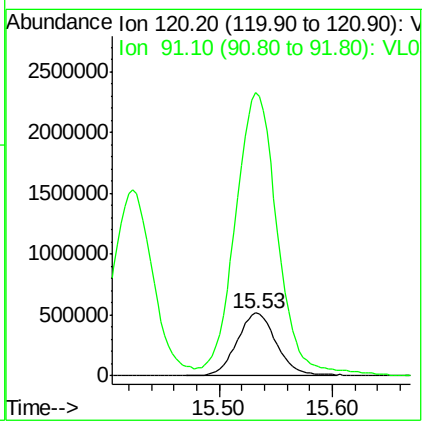


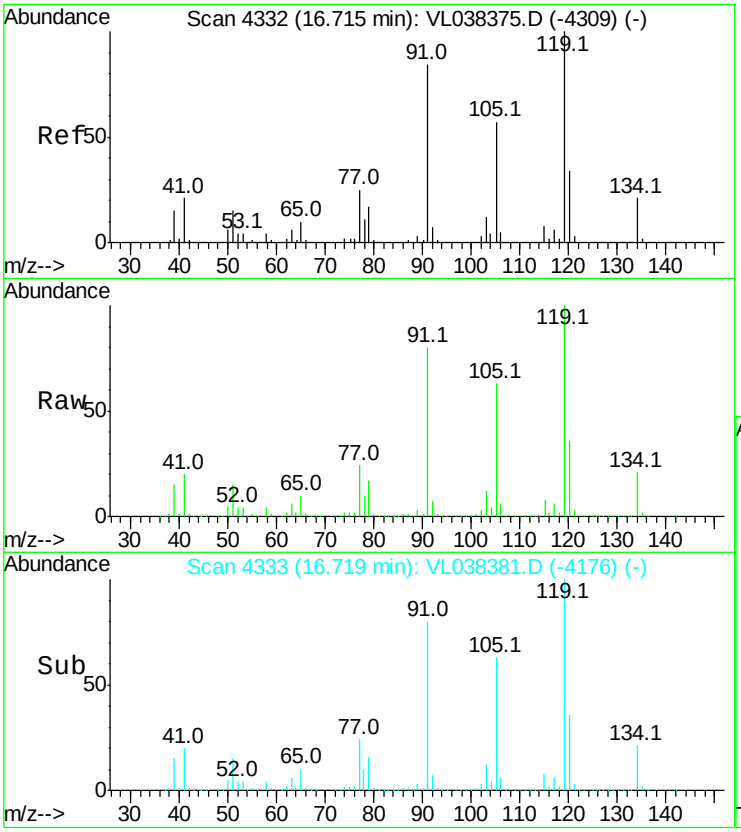


#64
n-propylbenzene
Concen: 14.89 ppbv
RT: 15.53 min Scan# 3964
Delta R.T. 0.00 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion:120 Resp: 1253179

Ion	Ratio	Lower	Upper
120	100		
91	482.7	388.1	582.1



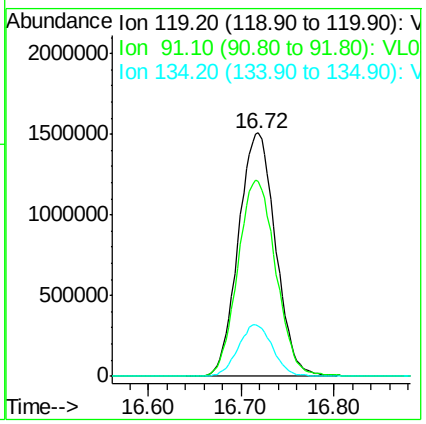


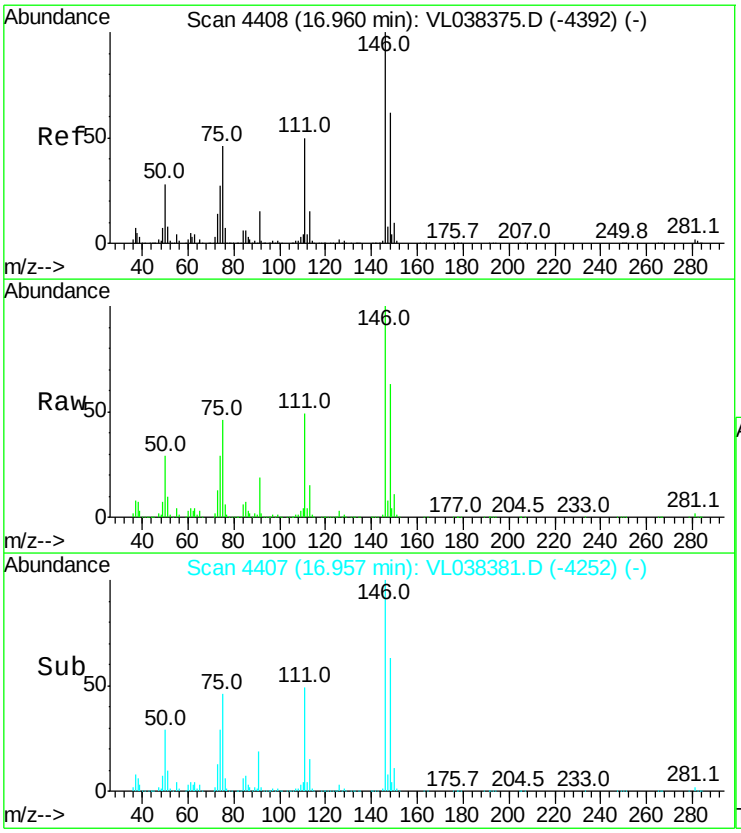
#65
tert-Butylbenzene
Concen: 14.44 ppbv
RT: 16.72
Delta R.T
Lab File:
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:119 Resp: 4184727

Ion	Ratio	Lower	Upper
119	100		
91	82.6	68.0	102.0
134	19.8	15.8	23.8

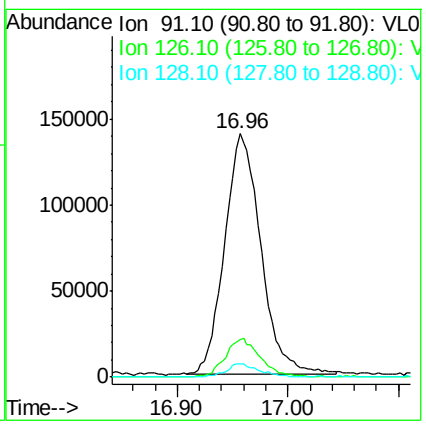


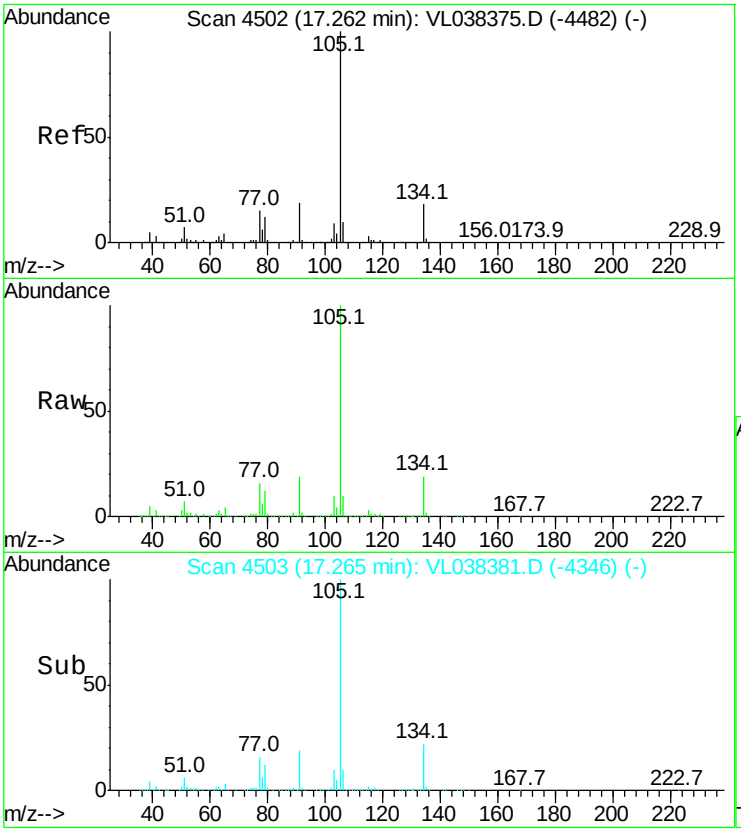


#66
Benzyl Chloride
Concen: 23.35 ppbv
RT: 16.96 min Scan# 4407
Delta R.T. -0.00 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion: 91 Resp: 317476

Ion	Ratio	Lower	Upper
91	100		
126	15.8	12.3	18.5
128	5.5	4.2	6.4



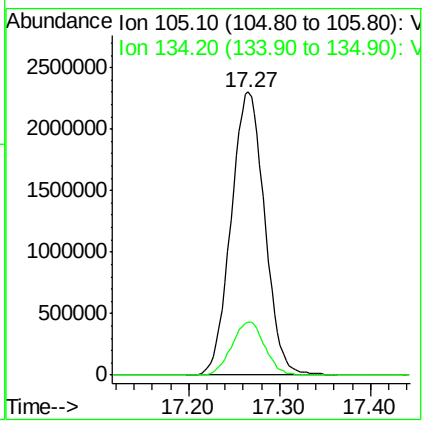


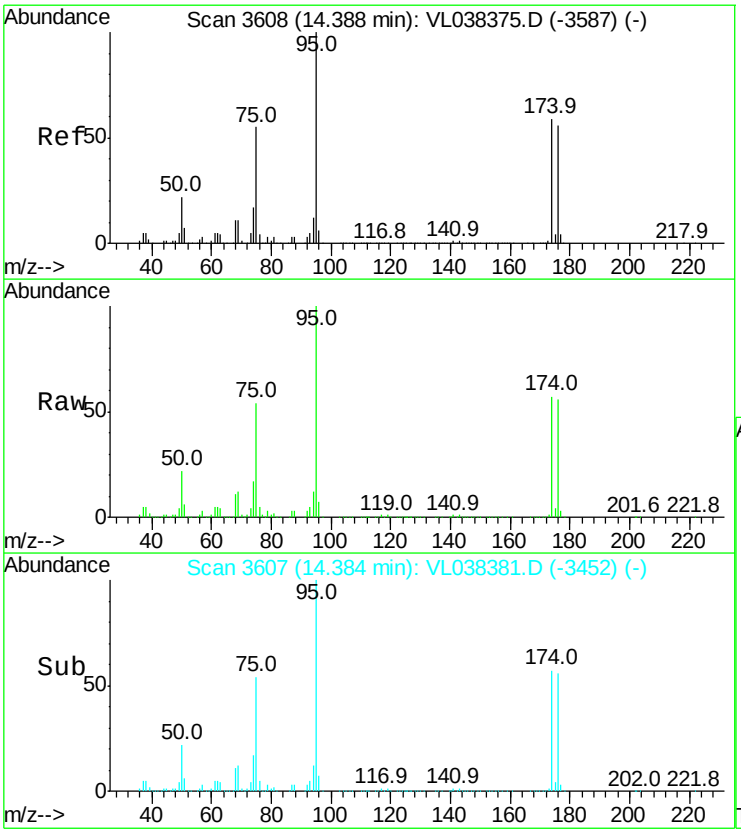
#67
sec-Butylbenzene
Concen: 14.59 ppbv
RT: 17.27
Delta R.T
Lab File:
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:105 Resp: 5897569

Ion	Ratio	Lower	Upper
105	100		
134	18.3	14.6	21.8

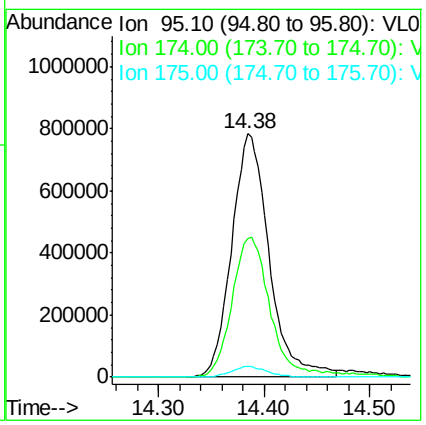


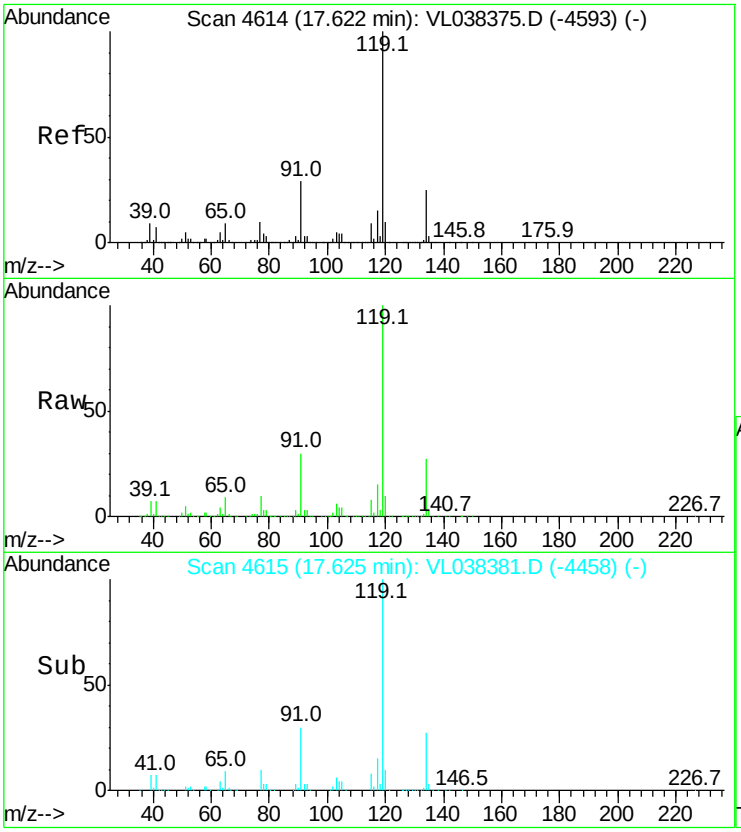


#68
1-Bromo-4-Fluorobenzene
Concen: 11.33 ppbv
RT: 14.38 min Scan# 3607
Delta R.T. -0.00 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion: 95 Resp: 1928372

Ion	Ratio	Lower	Upper
95	100		
174	60.2	49.0	73.4
175	4.3	3.6	5.4



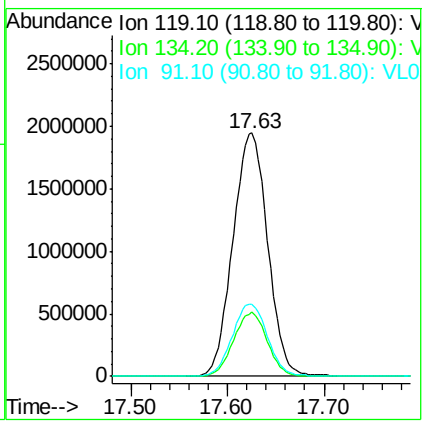


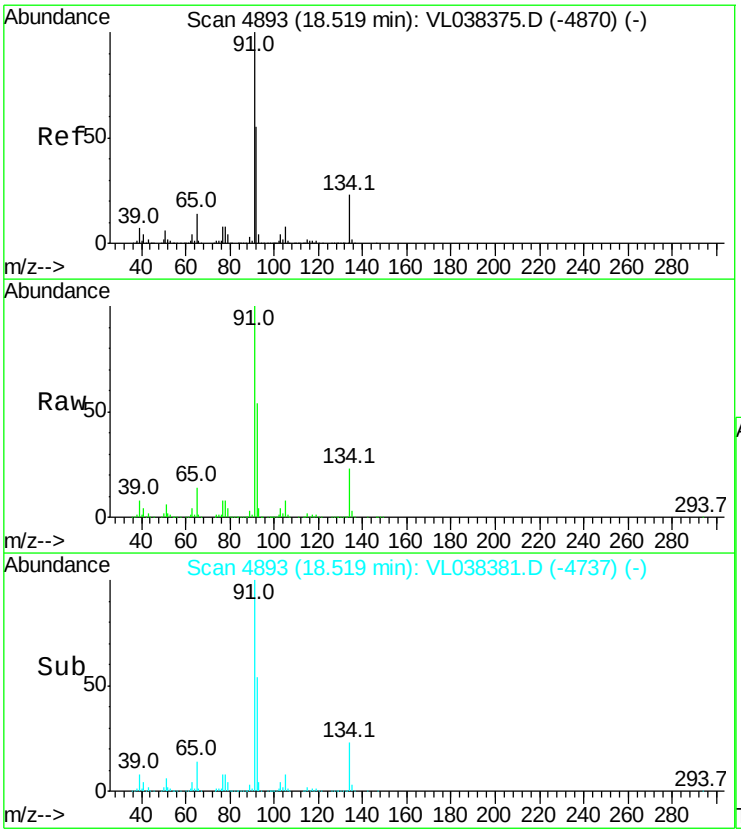
#69
p-Isopropyltoluene
Concen: 15.54 ppbv
RT: 17.63
Delta R.T
Lab File:
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:119 Resp: 4858102

Ion	Ratio	Lower	Upper
119	100		
134	25.8	20.4	30.6
91	30.0	23.8	35.8

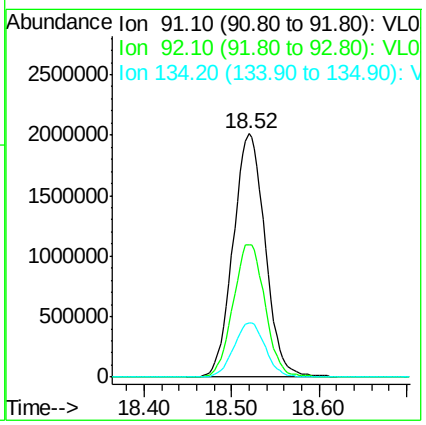


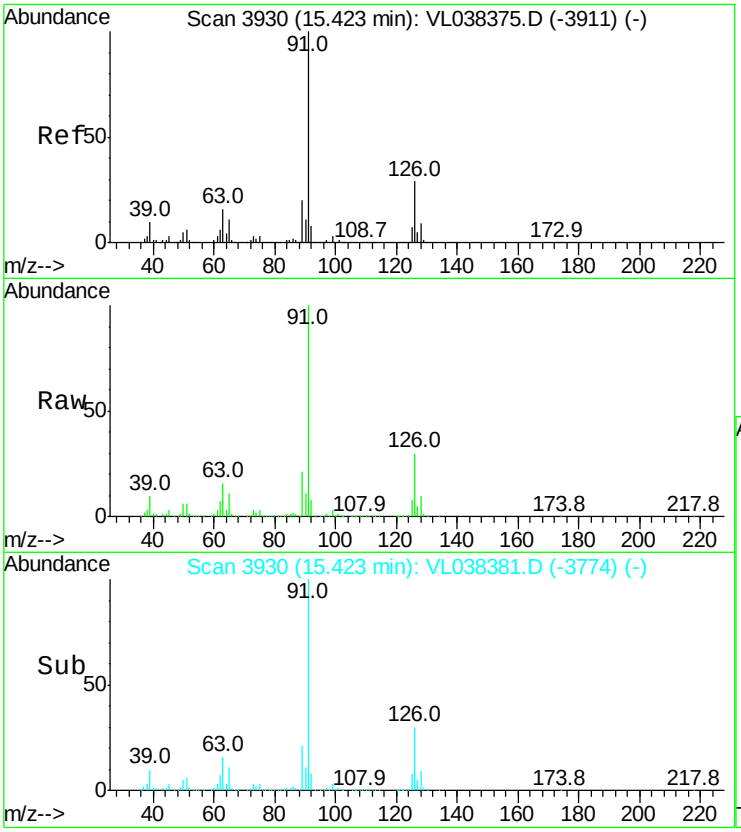


#70
n-Butylbenzene
Concen: 16.43 ppbv
RT: 18.52 min Scan# 4893
Delta R.T. 0.00 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion: 91 Resp: 5099540

Ion	Ratio	Lower	Upper
91	100		
92	54.5	43.1	64.7
134	22.1	17.4	26.0



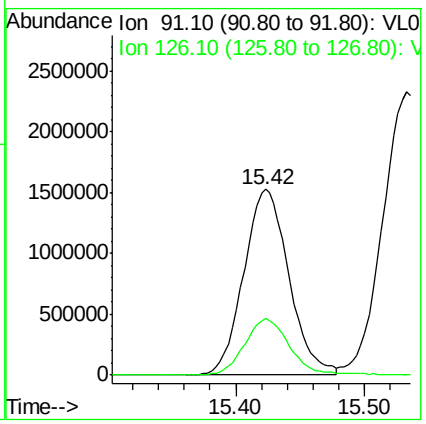


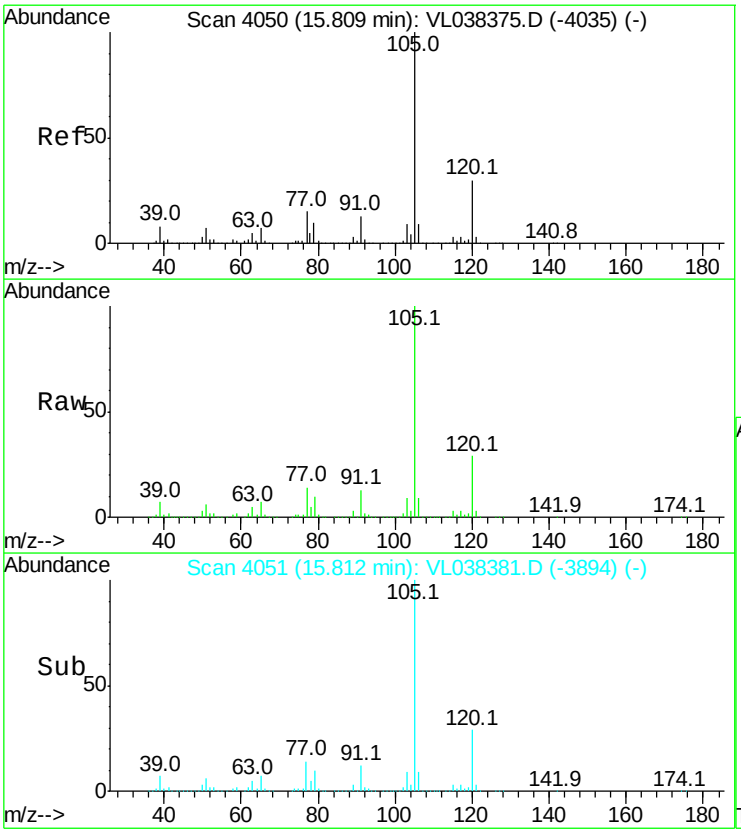
#71
2-Chlorotoluene
Concen: 14.33 ppbv
RT: 15.42
Delta R.T
Lab File:
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp: 3722296

Ion	Ratio	Lower	Upper
91	100		
126	30.8	11.9	47.7

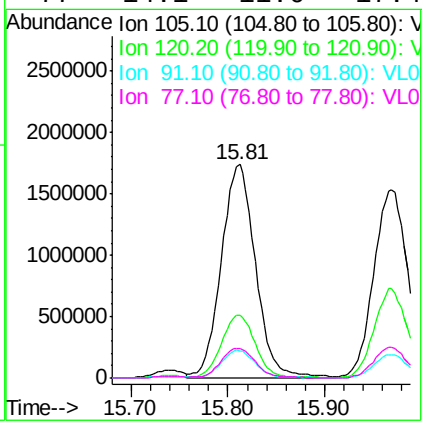


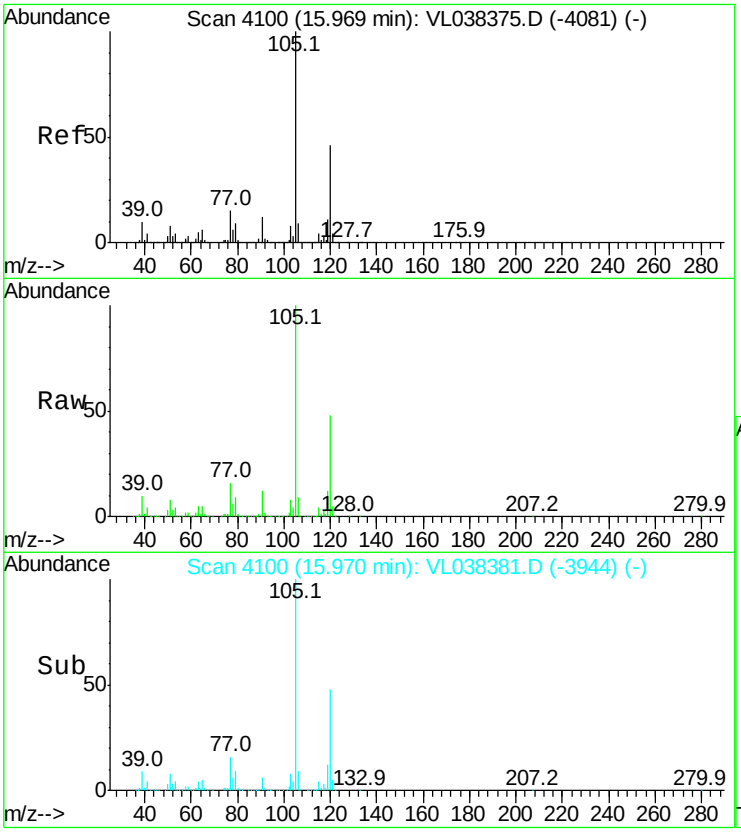


#72
4-Ethyltoluene
Concen: 15.46 ppbv
RT: 15.81 min Scan# 4051
Delta R.T. 0.00 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion:105 Resp: 4266758

Ion	Ratio	Lower	Upper
105	100		
120	29.8	23.4	35.2
91	12.7	10.4	15.6
77	14.1	11.6	17.4



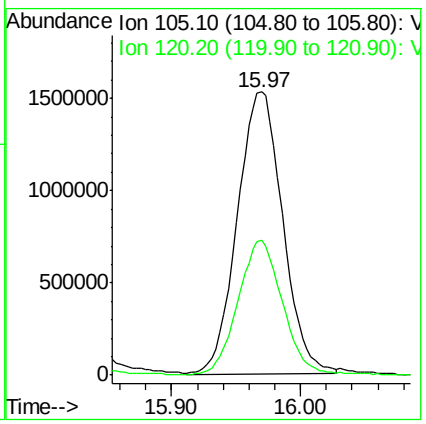


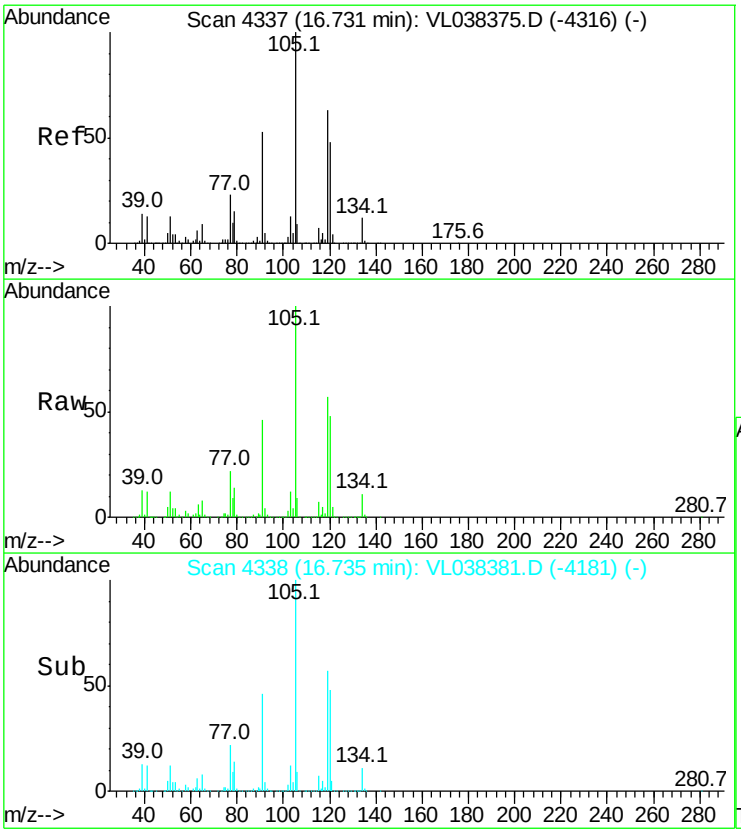
#73
1,3,5-Trimethylbenzene
Concen: 15.06 ppbv
RT: 15.97
Delta R.T
Lab File:
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:105 Resp: 3750692

Ion	Ratio	Lower	Upper
105	100		
120	47.9	36.6	55.0

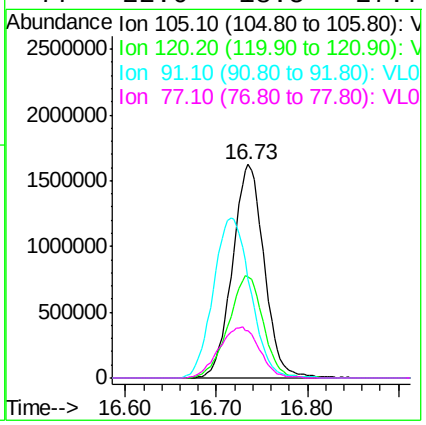


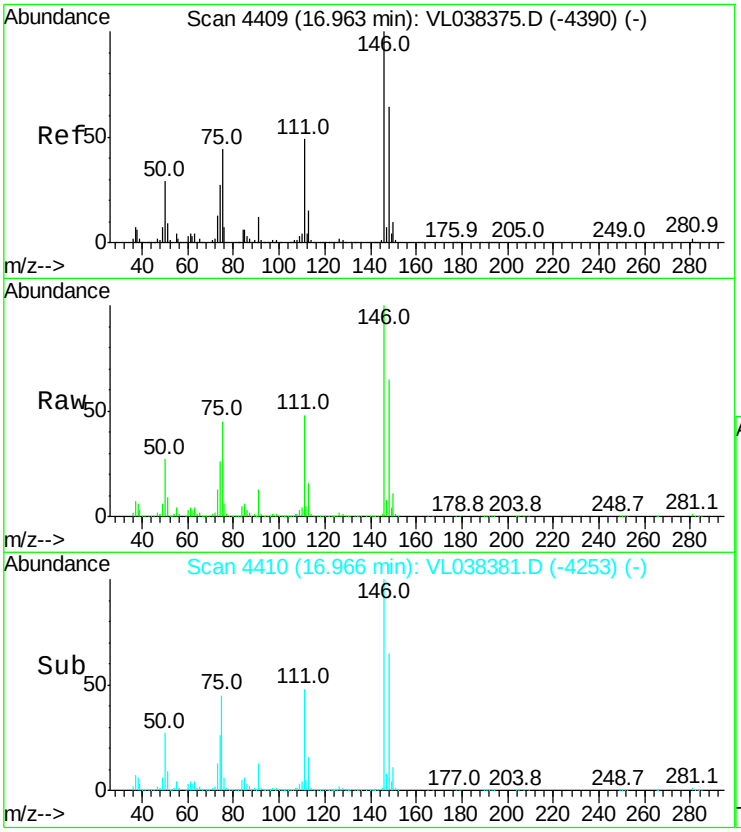


#74
1,2,4-Trimethylbenzene
Concen: 14.88 ppbv
RT: 16.73 min Scan# 4338
Delta R.T. 0.00 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion:105 Resp: 3918375

Ion	Ratio	Lower	Upper
105	100		
120	47.5	38.2	57.4
91	46.4	42.7	64.1
77	22.0	18.5	27.7



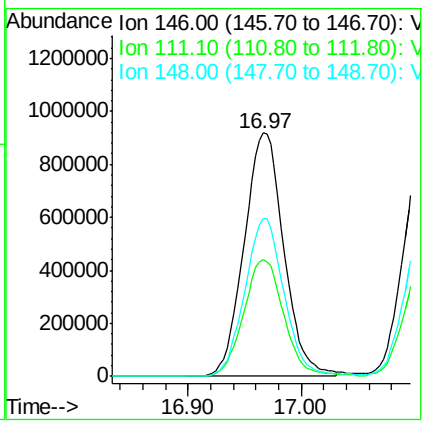


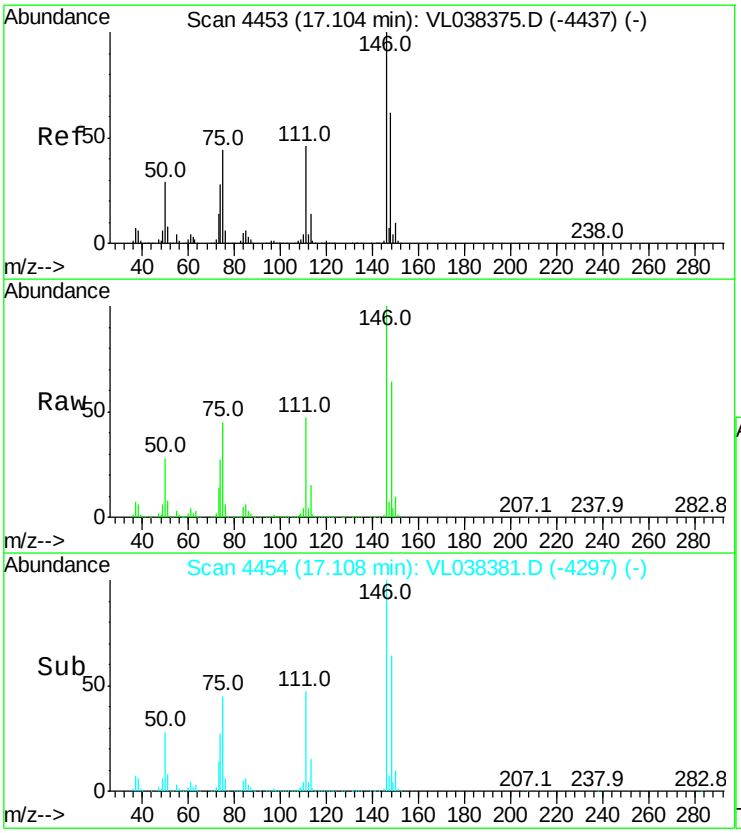
#75
1,3-Dichlorobenzene
Concen: 15.71 ppbv
RT: 16.97
Delta R.T
Lab File:
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:146 Resp: 2239514

Ion	Ratio	Lower	Upper
146	100		
111	48.6	24.3	72.9
148	64.2	32.0	96.0

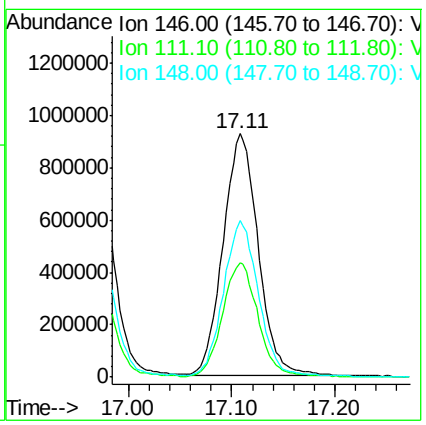


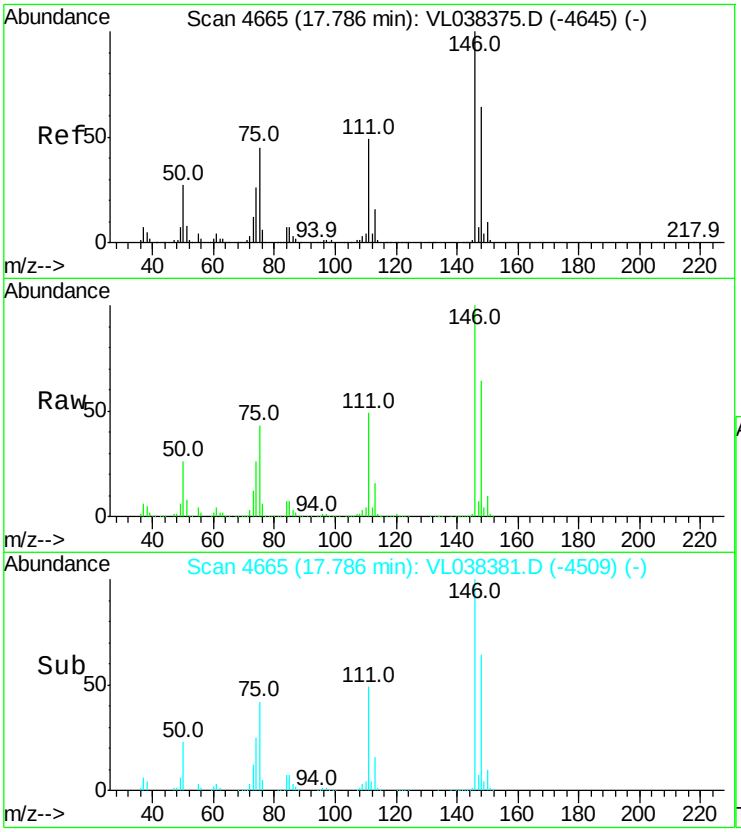


#76
1,4-Dichlorobenzene
Concen: 15.85 ppbv
RT: 17.11 min Scan# 4454
Delta R.T. 0.00 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion:146 Resp: 2183222

Ion	Ratio	Lower	Upper
146	100		
111	48.1	24.1	72.2
148	65.6	32.8	98.4



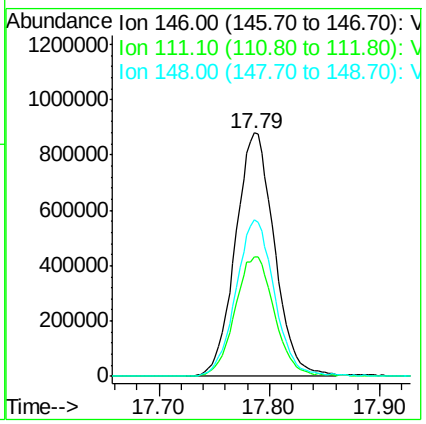


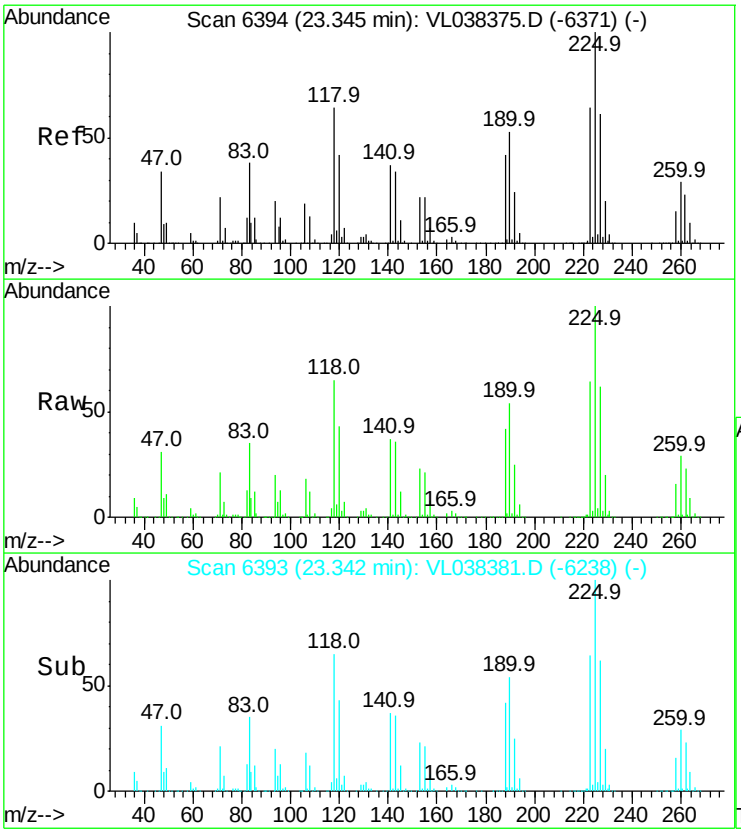
#77
1,2-Dichlorobenzene
Concen: 16.01 ppbv
RT: 17.79
Delta R.T
Lab File:
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:146 Resp: 2136664

Ion	Ratio	Lower	Upper
146	100		
111	50.2	25.6	76.6
148	64.1	32.4	97.2

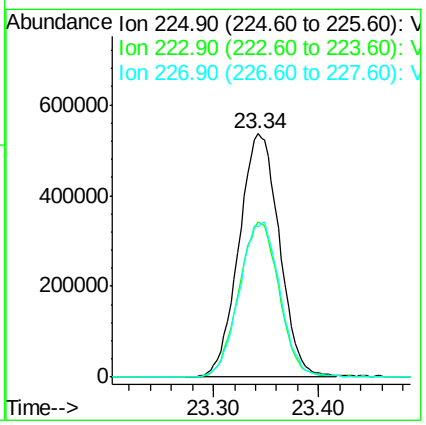


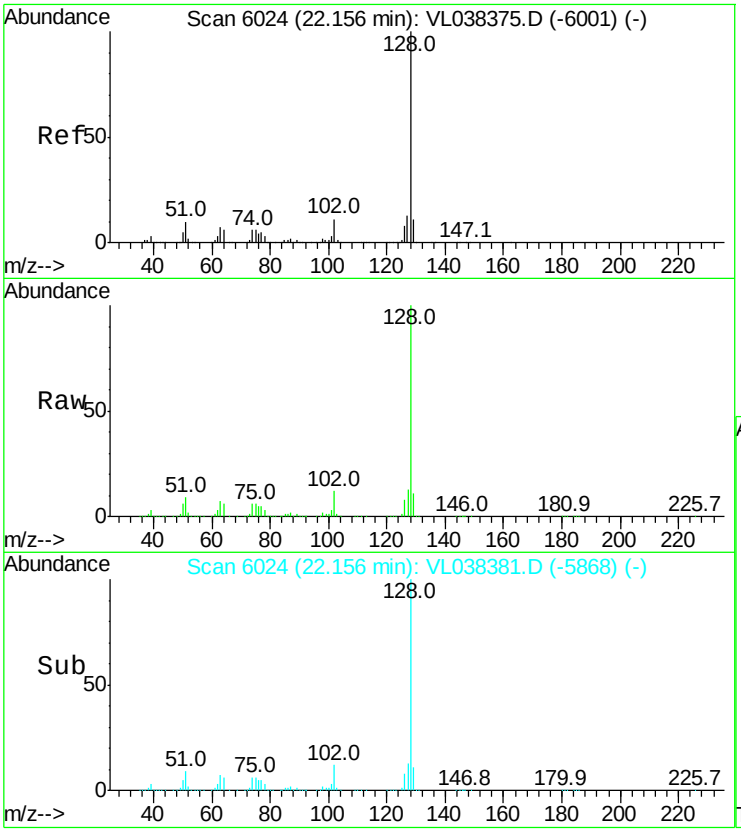


#78
Hexachloro-1,3-Butadiene
Concen: 15.35 ppbv
RT: 23.34 min Scan# 6393
Delta R.T. -0.00 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion:225 Resp: 1430527

Ion	Ratio	Lower	Upper
225	100		
223	63.8	52.0	78.0
227	64.5	51.6	77.4



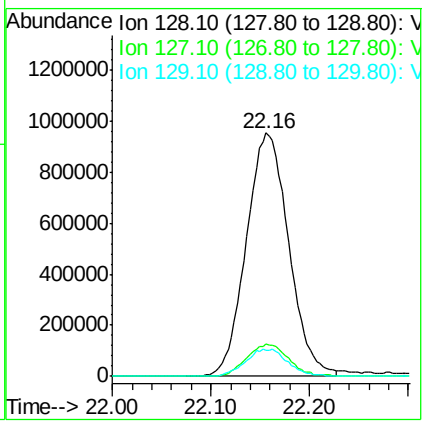


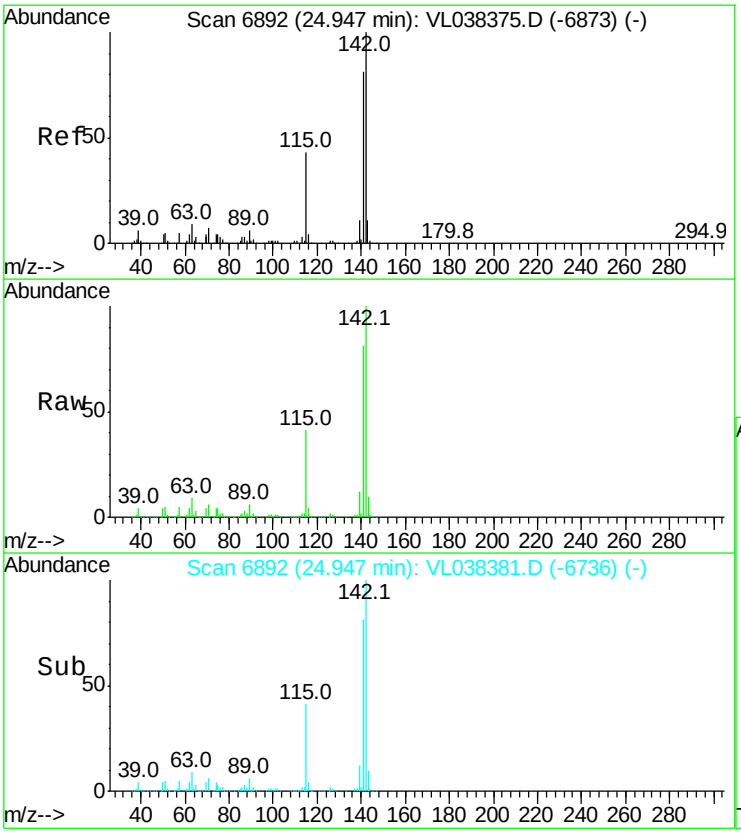
#79
Naphthalene
Concen: 22.28 ppbv
RT: 22.16
Delta R.T
Lab File:
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:128 Resp: 2833740

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.7	16.1
129	10.8	8.8	13.2

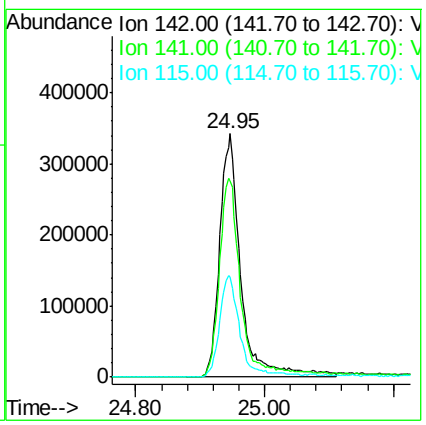


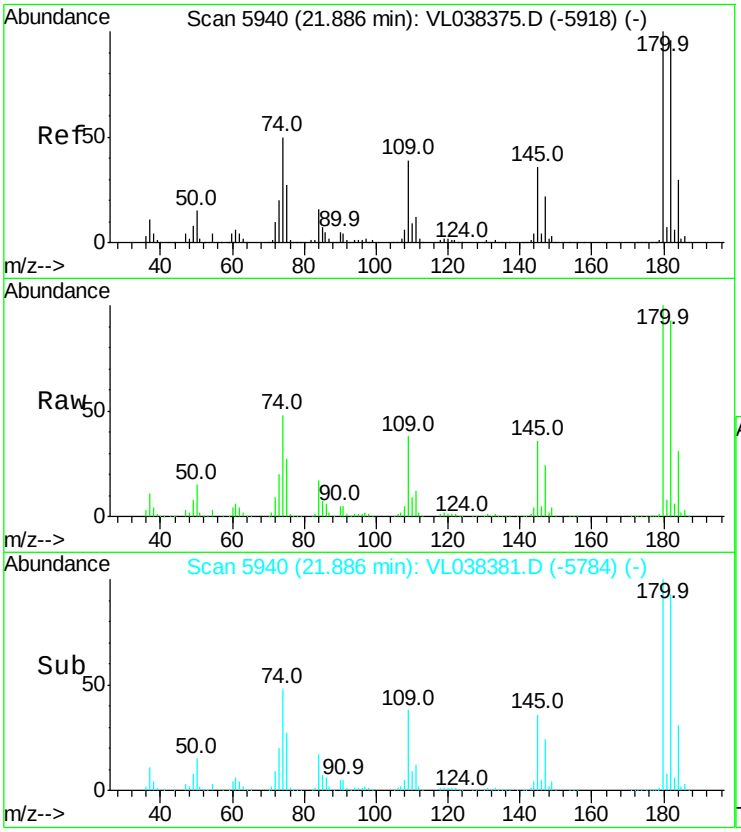


#80
Naphthalene,2-methyl-
Concen: 48.33 ppbv
RT: 24.95 min Scan# 6892
Delta R.T. 0.00 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion:142 Resp: 784578

Ion	Ratio	Lower	Upper
142	100		
141	85.7	69.8	104.6
115	41.8	33.0	49.6





#81
1,2,4-Trichlorobenzene
Concen: 20.55 ppbv
RT: 21.89
Delta R.T
Lab File:
Acq: 22 Feb 2022 7:58

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:180 Resp: 1547772

Ion	Ratio	Lower	Upper
180	100		
182	97.5	77.4	116.2
184	31.2	24.9	37.3