Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032122\
Data File : VL038648.D
Acq On : 21 Mar 2022 12:37
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Quant Time: Mar 21 14:58:06 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 08 21:18:44 2022
QLast Update : Tue Mar 08 21:18:44 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	951172	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2515037	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2912222	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	1878967	8.49	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 84.90%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.05	85	1103849	7.68	ppbv	100
3) Chlorodifluoromethane	2.99	51	931480	5.55	ppbv	99
4) Chloromethane	3.14	50	521324	8.39	ppbv	100
5) Vinyl Chloride	3.26	62	502411	8.05	ppbv	98
6) Bromomethane	3.47	94	287036	8.57	ppbv	99
7) Chloroethane	3.55	64	179538	8.89	ppbv	97
8) Dichlorotetrafluoroethane	3.19	85	1202754	8.64	ppbv	98
9) Propene	3.01	41	450726	7.62	ppbv	99
10) Heptane	8.11	43	1183010	8.36	ppbv	97
11) Trichlorofluoromethane	3.95	101	1091498	8.67	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	846986	8.65	ppbv	99
13) Ethanol	3.60	45	30557	4.49	ppbv	87
14) Bromoethene	3.74	108	370876	8.89	ppbv	97
15) Acetone	3.84	43	751264	11.20	ppbv	99
16) 1,3-Butadiene	3.32	39	448850	8.33	ppbv	93
17) tert-Butyl alcohol	4.28	59	716726	9.83	ppbv	100
18) 1,1-Dichloroethene	4.28	96	376514	8.59	ppbv	96
19) Isopropyl Alcohol	3.96	45	448966	10.02	ppbv	99
20) Methylene Chloride	4.34	84	311455	7.71	ppbv	99
21) Allyl Chloride	4.40	41	582559	9.01	ppbv	99
22) trans-1,2-Dichloroethene	4.88	96	409293	8.91	ppbv	99
23) Vinyl Acetate	5.06	43	832057	8.65	ppbv	99
24) 1,1-Dichloroethane	5.01	63	772318	8.83	ppbv	99
25) Ethyl Acetate	5.67	43	2018856	8.94	ppbv	99
26) Hexane	5.68	57	889469	8.38	ppbv	95
27) Carbon Disulfide	4.55	76	972540	9.20	ppbv	99
28) Methyl tert-Butyl Ether	5.02	73	678526	7.86	ppbv	99
29) Chloroform	5.74	83	1418653	8.59	ppbv	98
30) Cyclohexane	7.12	84	783325	8.54	ppbv	96
31) cis-1,2-Dichloroethene	5.54	61	869465	8.57	ppbv	97
32) 1,1,1-Trichloroethane	6.50	97	1372663	8.57	ppbv	99
34) 2-Butanone	5.23	43	896971	13.76	ppbv	100
35) Carbon Tetrachloride	7.01	117	1439975	8.39	ppbv	97
36) Benzene	6.88	78	1919838	8.46	ppbv	98
37) 1,2-Dichloroethane	6.30	62	965136	8.90	ppbv	100
38) Trichloroethene	7.83	130	809167	8.93	ppbv	98
39) 1,2-Dichloropropane	7.60	63	744718	8.53	ppbv	97
40) 1,4-Dioxane	7.82	88	268766	12.30	ppbv #	28
41) Tetrahydrofuran	6.04	42	750690	14.08	ppbv	96
42) Bromodichloromethane	7.78	83	1508161	8.77	ppbv	99
43) Methyl Methacrylate	8.00	69	772416	9.91	ppbv	97

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032122\
Data File : VL038648.D
Acq On : 21 Mar 2022 12:37
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Quant Time: Mar 21 14:58:06 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 08 21:18:44 2022
QLast Update : Tue Mar 08 21:18:44 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	3160966	8.24	ppbv		98
45) t-1,3-Dichloropropene	9.27	75	847810	15.10	ppbv		98
46) cis-1,3-Dichloropropene	8.69	75	1095621	14.27	ppbv		98
47) 1,1,2-Trichloroethane	9.46	97	789987	8.88	ppbv		98
48) Dibromochloromethane	10.29	129	1358728	9.62	ppbv		100
49) Bromoform	13.03	173	1138580	10.52	ppbv		99
50) 4-Methyl-2-Pentanone	8.73	43	1930710	14.45	ppbv		99
51) 2-Hexanone	10.12	43	1506461	26.68	ppbv	#	98
52) Tetrachloroethene	11.21	164	688256	8.27	ppbv		98
53) Toluene	9.80	91	2182672	9.01	ppbv		99
54) 1,2-Dibromoethane	10.60	107	1162189	9.14	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.11	131	935557	7.89	ppbv		99
57) Chlorobenzene	12.14	112	1603850	7.21	ppbv		98
58) Ethyl Benzene	12.70	91	2838525	7.53	ppbv		98
59) m/p-Xylene	12.99	91	2496374	7.73	ppbv	#	36
60) o-Xylene	13.68	91	2292229	7.52	ppbv		100
61) Styrene	13.52	104	1415029	9.42	ppbv		100
62) Isopropylbenzene	14.66	105	3395475	8.07	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.66	83	1567008	6.08	ppbv		100
64) n-propylbenzene	15.55	120	914616	8.53	ppbv		97
65) tert-Butylbenzene	16.73	119	3003132	7.98	ppbv		100
66) Benzyl Chloride	16.98	91	727846	32.66	ppbv		99
67) sec-Butylbenzene	17.28	105	4325849	8.09	ppbv		100
69) p-Isopropyltoluene	17.64	119	3601771	8.13	ppbv		99
70) n-Butylbenzene	18.54	91	3785017	8.03	ppbv		100
71) 2-Chlorotoluene	15.44	91	2558030	8.19	ppbv		99
72) 4-Ethyltoluene	15.82	105	2803265	8.01	ppbv		100
73) 1,3,5-Trimethylbenzene	15.99	105	2476735	7.62	ppbv		99
74) 1,2,4-Trimethylbenzene	16.75	105	2629462	7.57	ppbv		94
75) 1,3-Dichlorobenzene	16.98	146	1654553	7.55	ppbv		99
76) 1,4-Dichlorobenzene	17.12	146	1615847	7.45	ppbv		99
77) 1,2-Dichlorobenzene	17.80	146	1629293	7.35	ppbv		99
78) Hexachloro-1,3-Butadiene	23.36	225	1326342	6.14	ppbv		99
79) Naphthalene	22.18	128	2487614	7.96	ppbv		99
80) Naphthalene,2-methyl-	24.96	142	667317	12.10	ppbv		98
81) 1,2,4-Trichlorobenzene	21.91	180	1442463	7.23	ppbv		100

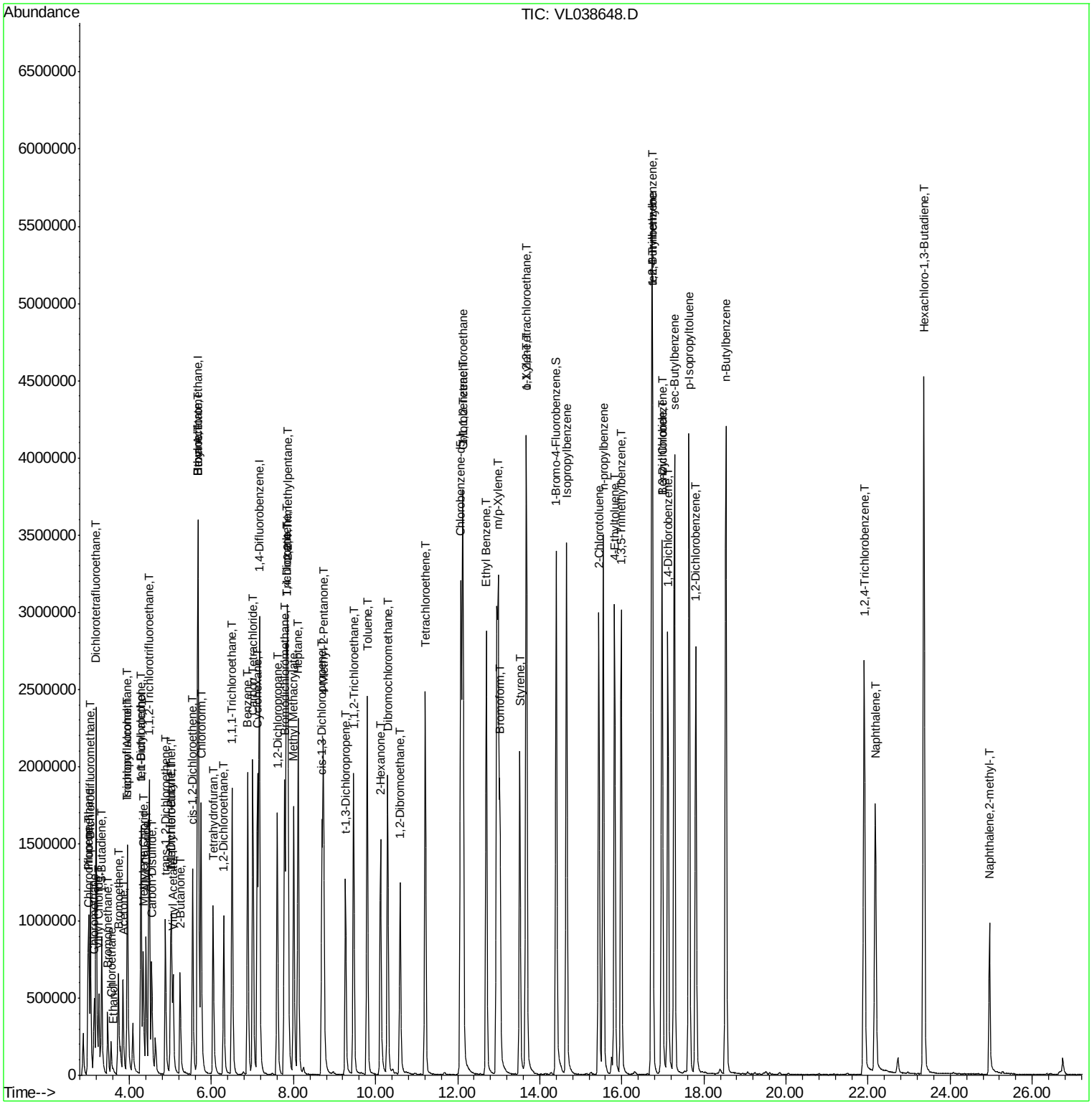
(#) = qualifier out of range (m) = manual integration (+) = signals summed

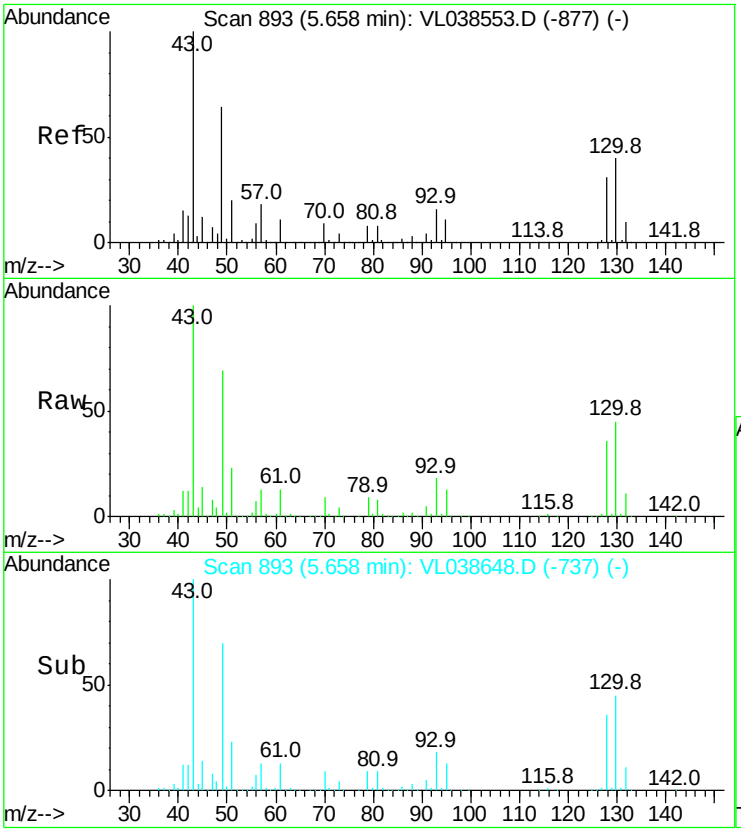
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032122\
Data File : VL038648.D
Acq On : 21 Mar 2022 12:37
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Quant Time: Mar 21 14:58:06 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 08 21:18:44 2022
QLast Update : Tue Mar 08 21:18:44 2022
Response via : Initial Calibration



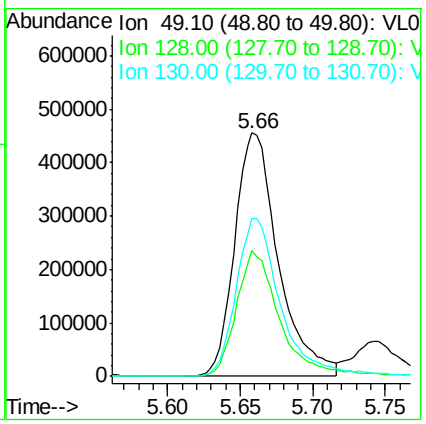


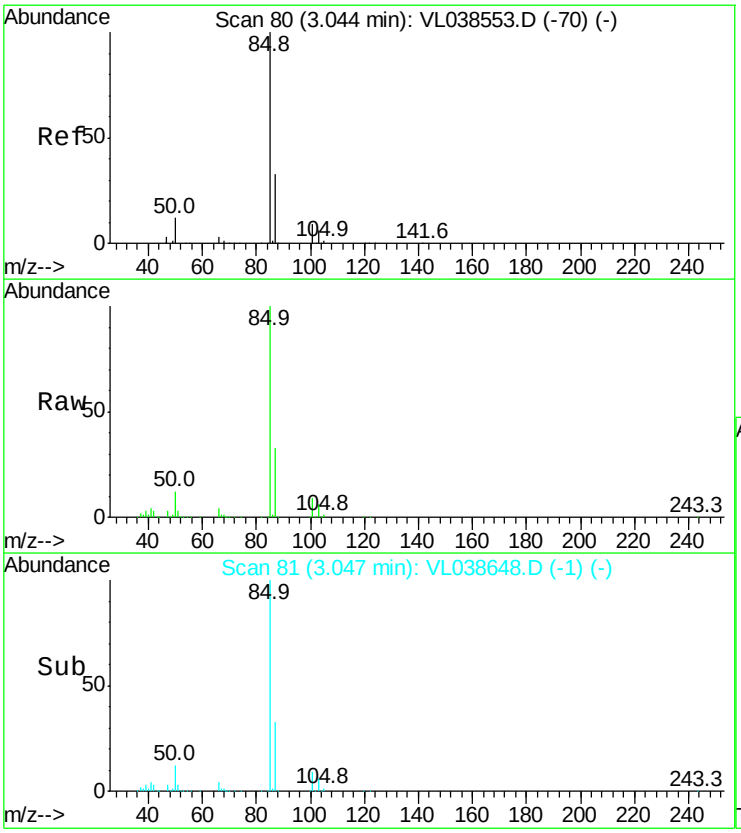
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 21 Mar 2022 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 49 Resp: 951172

Ion	Ratio	Lower	Upper
49	100		
128	52.4	26.4	79.2
130	67.4	33.0	98.9

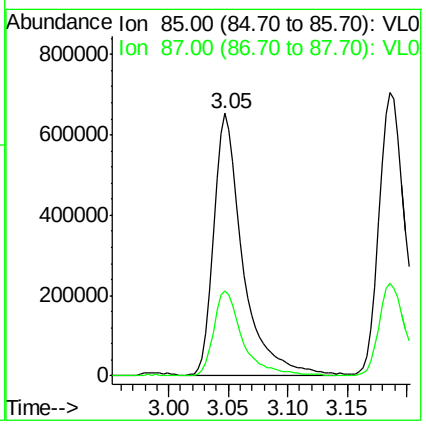


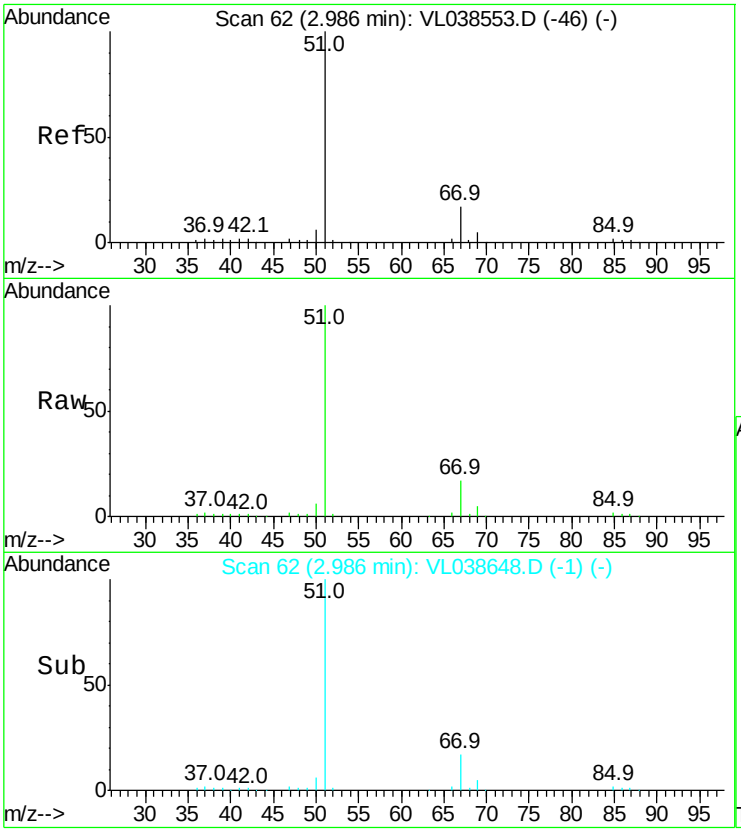


#2
Dichlorodifluoromethane
Concen: 7.68 ppbv
RT: 3.05 min Scan# 81
Delta R.T. 0.00 min
Lab File: VL038648.D
Acq: 21 Mar 2022 12:37

Tgt Ion: 85 Resp: 1103849

Ion	Ratio	Lower	Upper
85	100		
87	32.5	26.2	39.2



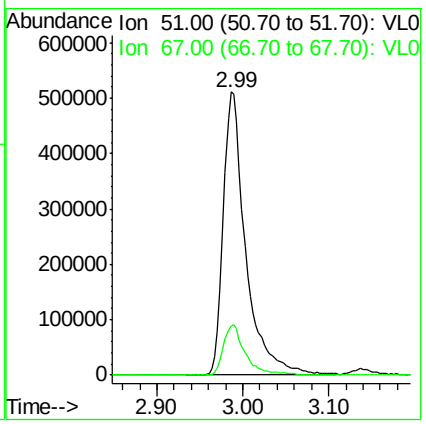


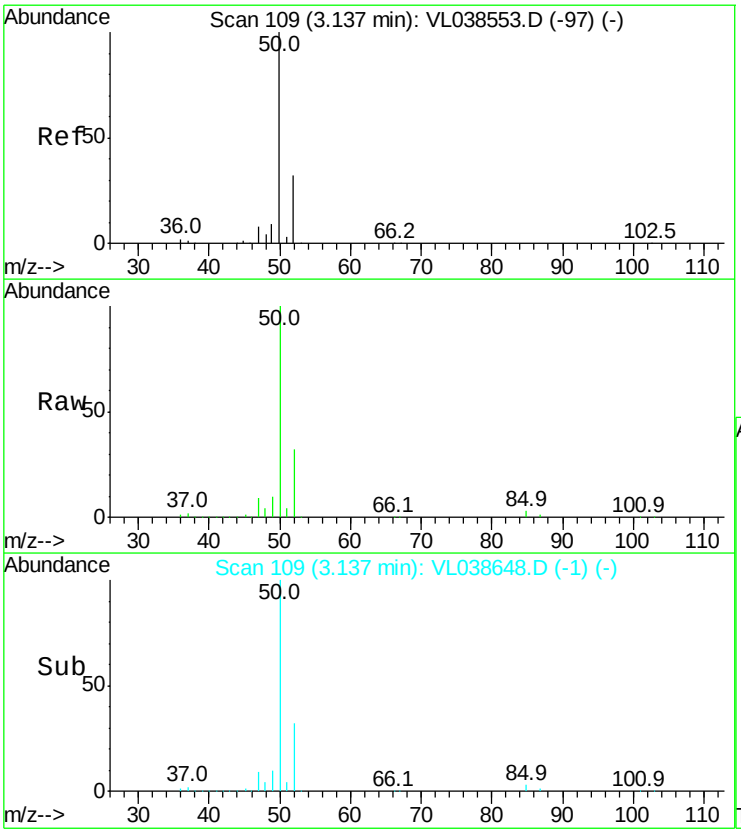
#3
Chlorodifluoromethane
Concen: 5.55 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 21 Mar 2022 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 51 Resp: 931480

Ion	Ratio	Lower	Upper
51	100		
67	17.6	13.6	20.4

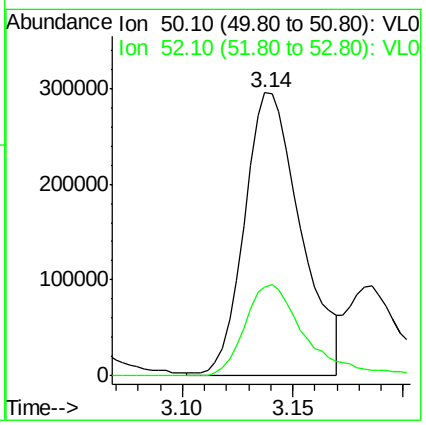


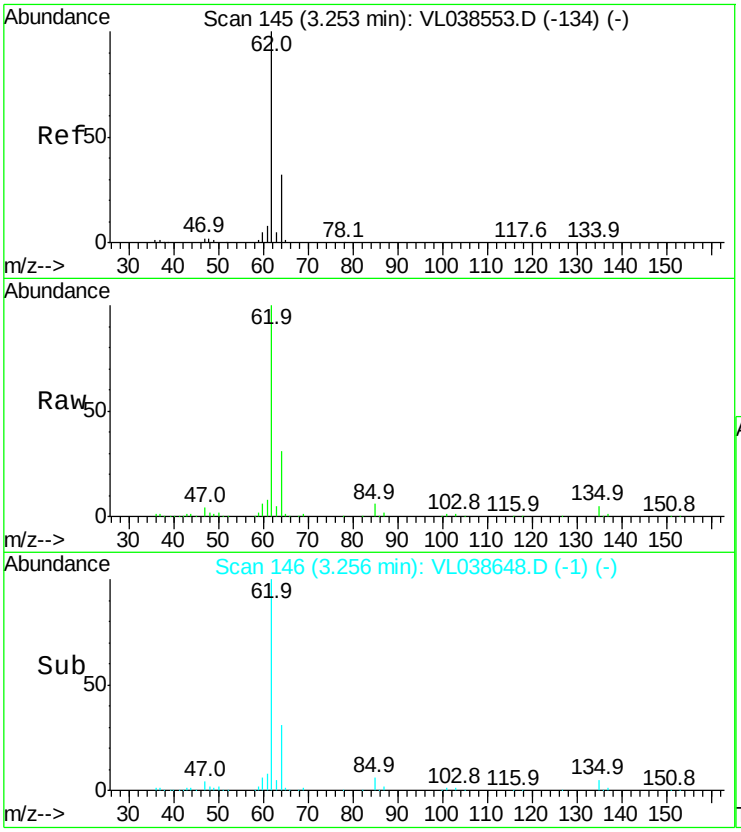


#4
Chloromethane
Concen: 8.39 ppbv
RT: 3.14 min Scan# 109
Delta R.T. 0.00 min
Lab File: VL038648.D
Acq: 21 Mar 2022 12:37

Tgt Ion: 50 Resp: 521324

Ion	Ratio	Lower	Upper
50	100		
52	31.9	25.6	38.4



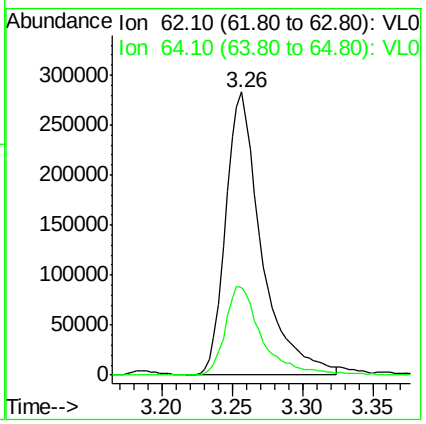


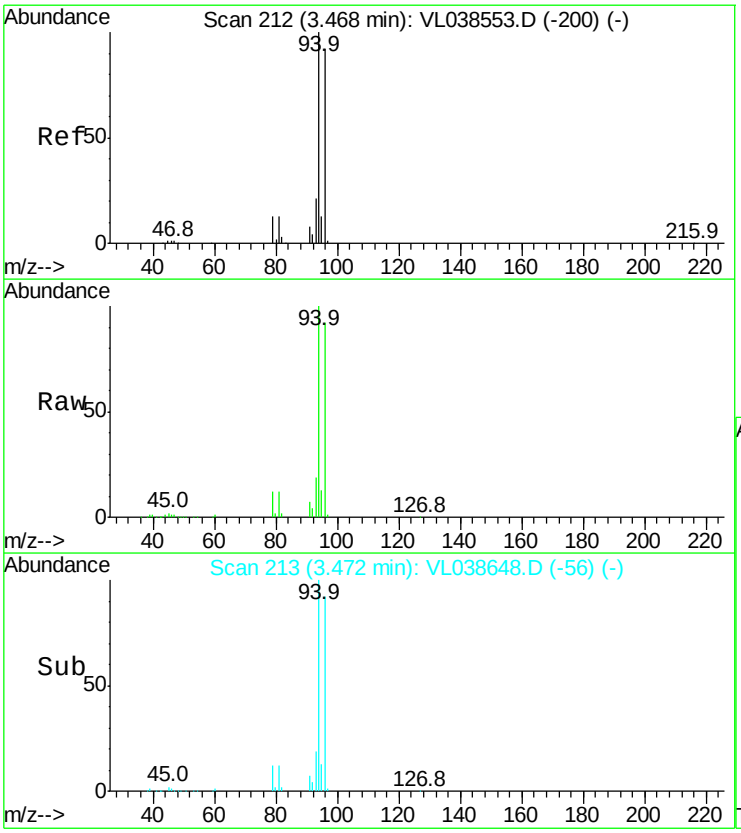
#5
Vinyl Chloride
Concen: 8.05 ppbv
RT: 3.26
Delta R.T
Lab File:
Acq: 21 Mar 2022 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 62 Resp: 502411

Ion	Ratio	Lower	Upper
62	100		
64	31.2	25.8	38.6

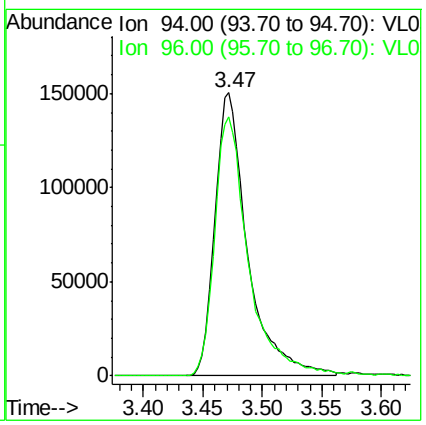


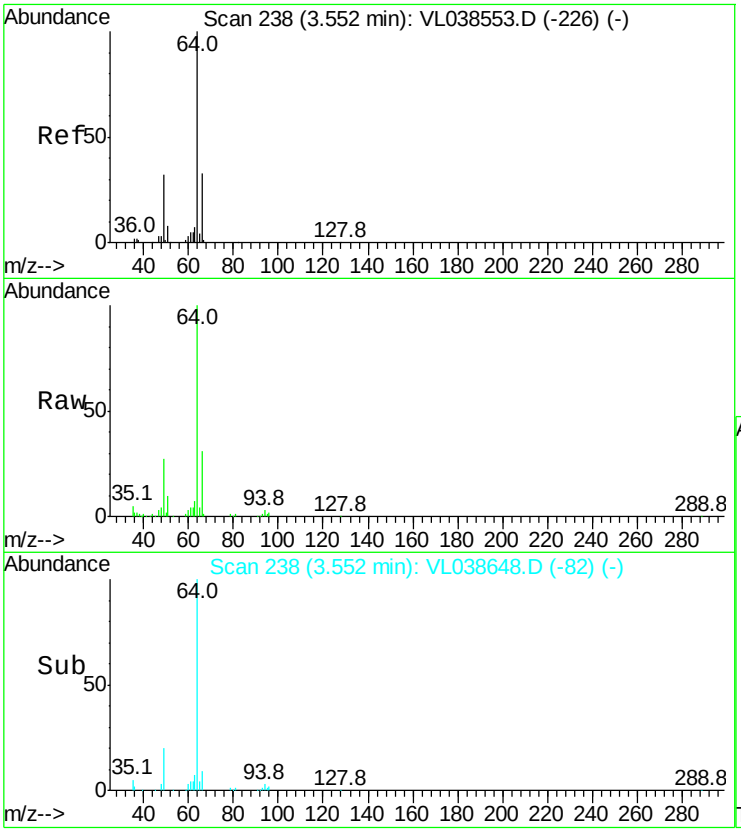


#6
Bromomethane
Concen: 8.57 ppbv
RT: 3.47 min Scan# 213
Delta R.T. 0.00 min
Lab File: VL038648.D
Acq: 21 Mar 2022 12:37

Tgt Ion: 94 Resp: 287036

Ion	Ratio	Lower	Upper
94	100		
96	91.6	73.7	110.5



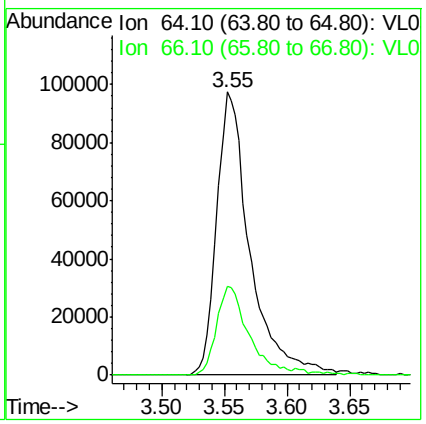


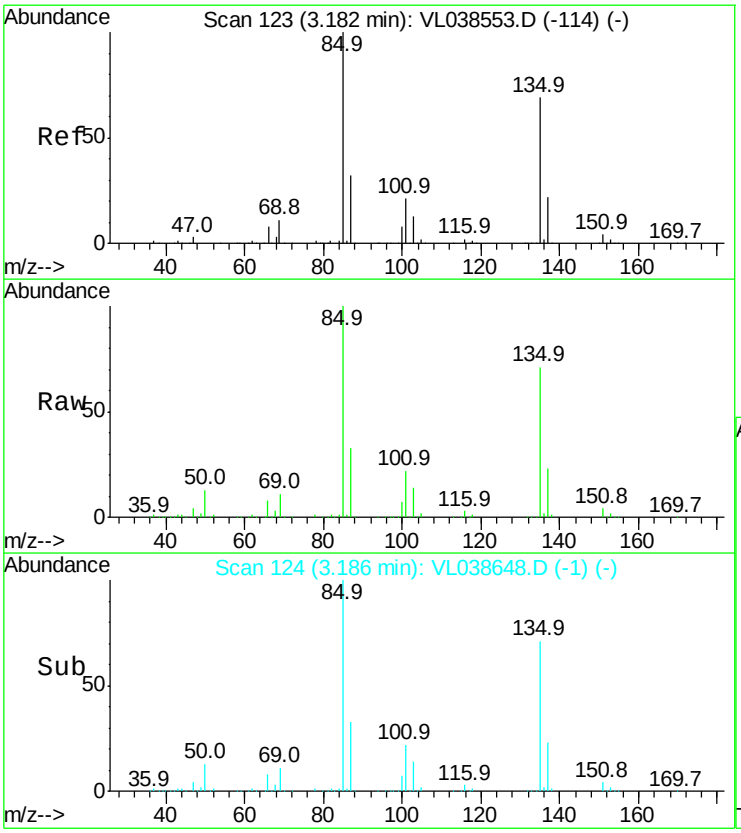
#7
Chloroethane
Concen: 8.89 ppbv
RT: 3.55
Delta R.T
Lab File:
Acq: 21 Mar 2022 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 64 Resp: 179538

Ion	Ratio	Lower	Upper
64	100		
66	31.3	26.6	39.8

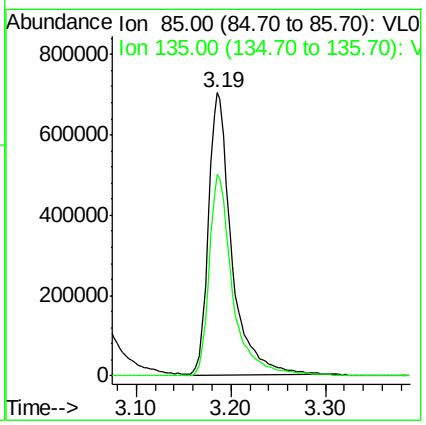


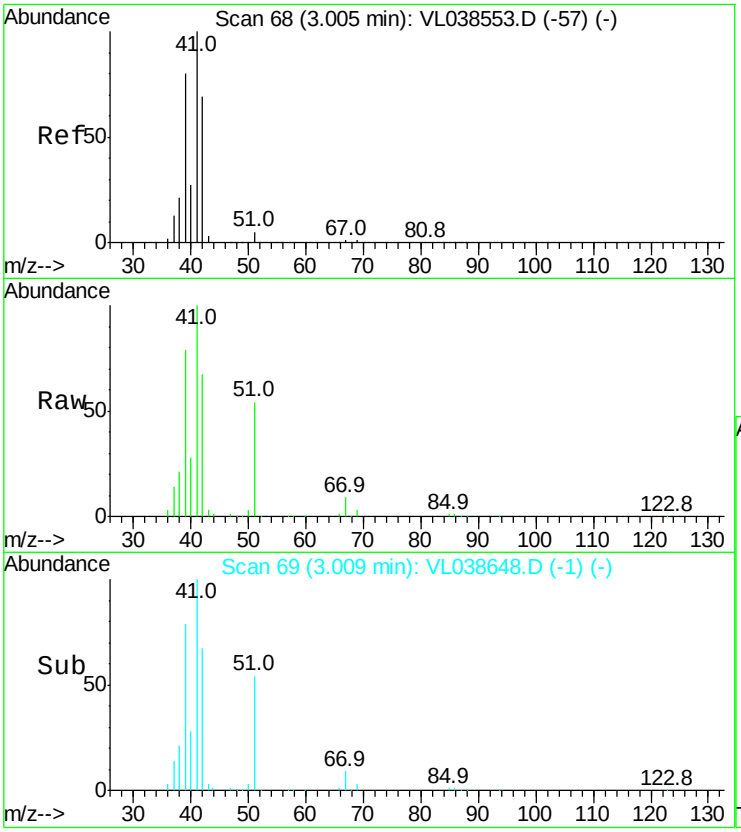


#8
Dichlorotetrafluoroethane
Concen: 8.64 ppbv
RT: 3.19 min Scan# 124
Delta R.T. 0.00 min
Lab File: VL038648.D
Acq: 21 Mar 2022 12:37

Tgt Ion: 85 Resp: 1202754

Ion	Ratio	Lower	Upper
85	100		
135	72.2	59.0	88.4



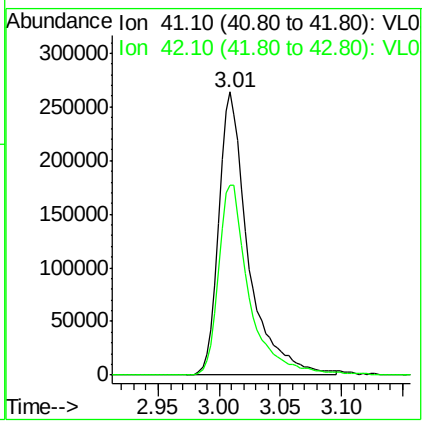


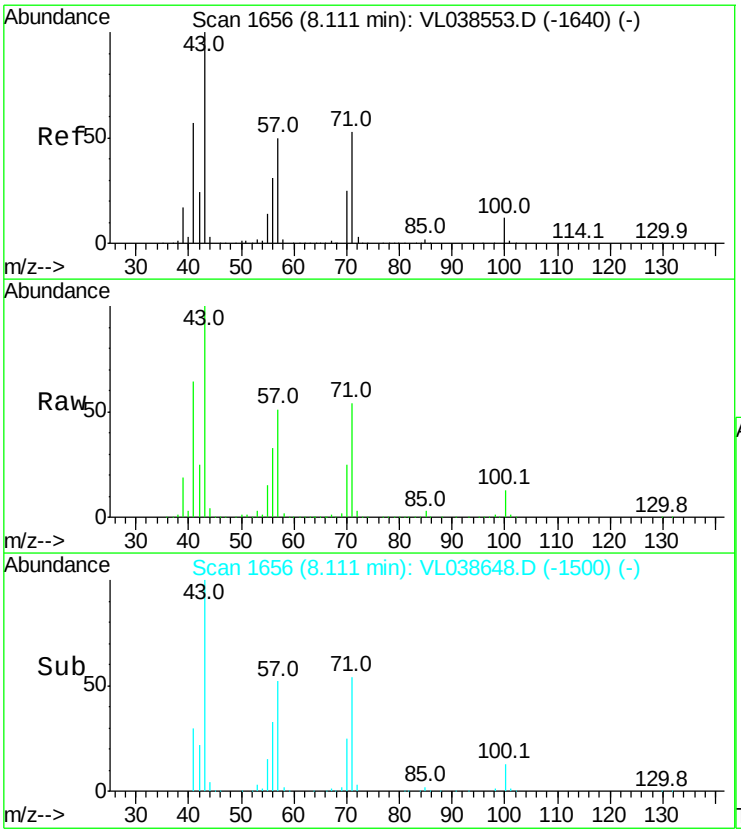
#9
Propene
Concen: 7.62 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 21 Mar 2022 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 41 Resp: 450726

Ion	Ratio	Lower	Upper
41	100		
42	70.3	55.7	83.5

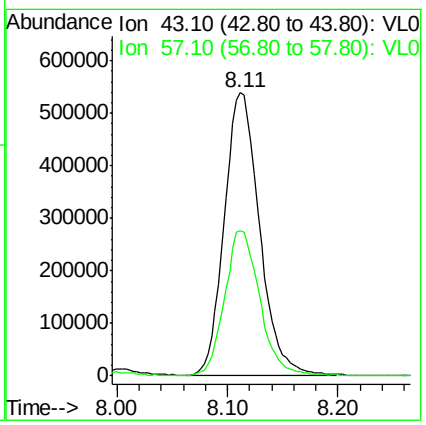


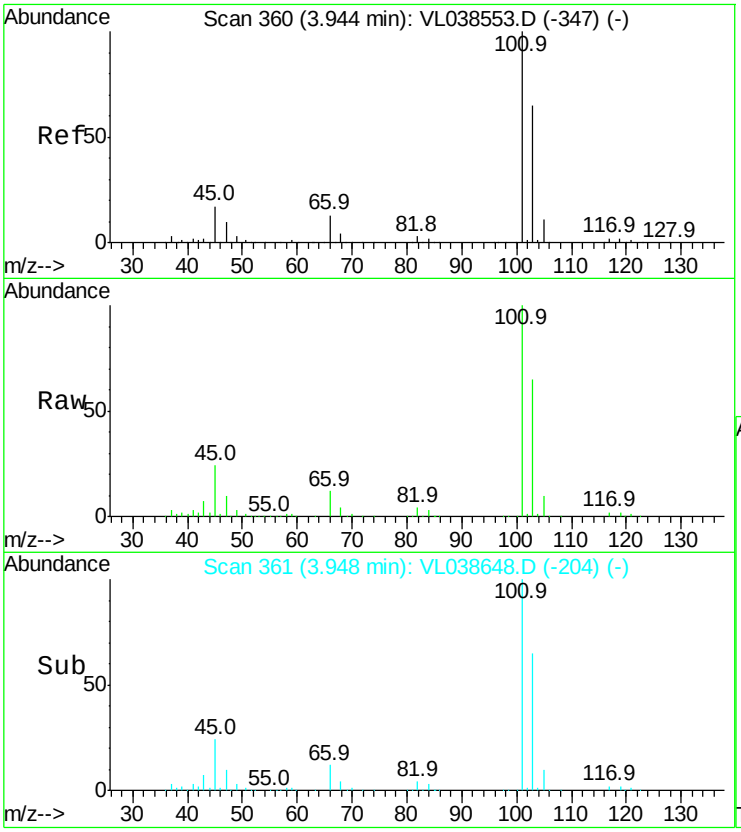


#10
Heptane
Concen: 8.36 ppbv
RT: 8.11 min Scan# 1656
Delta R.T. 0.00 min
Lab File: VL038648.D
Acq: 21 Mar 2022 12:37

Tgt Ion: 43 Resp: 1183010

Ion	Ratio	Lower	Upper
43	100		
57	51.8	39.6	59.4



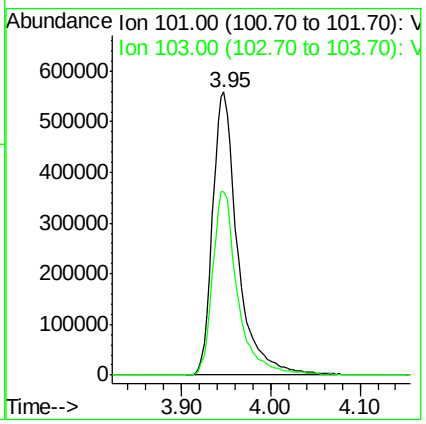


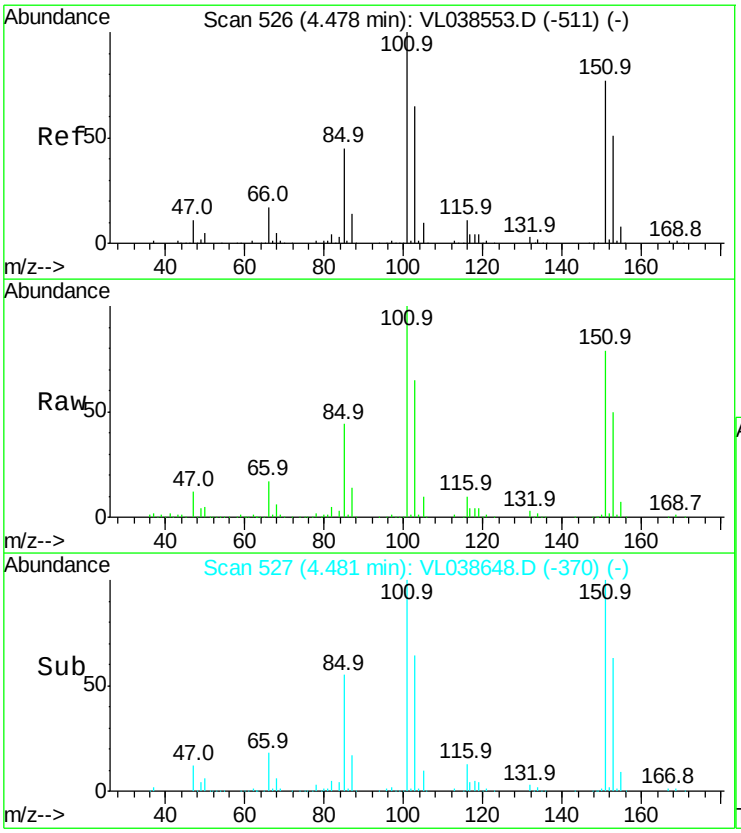
#11
Trichlorofluoromethane
Concen: 8.67 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 21 Mar 2022 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:101 Resp: 1091498

Ion	Ratio	Lower	Upper
101	100		
103	64.9	52.0	78.0

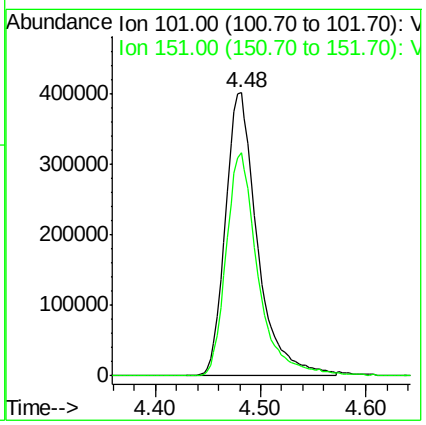


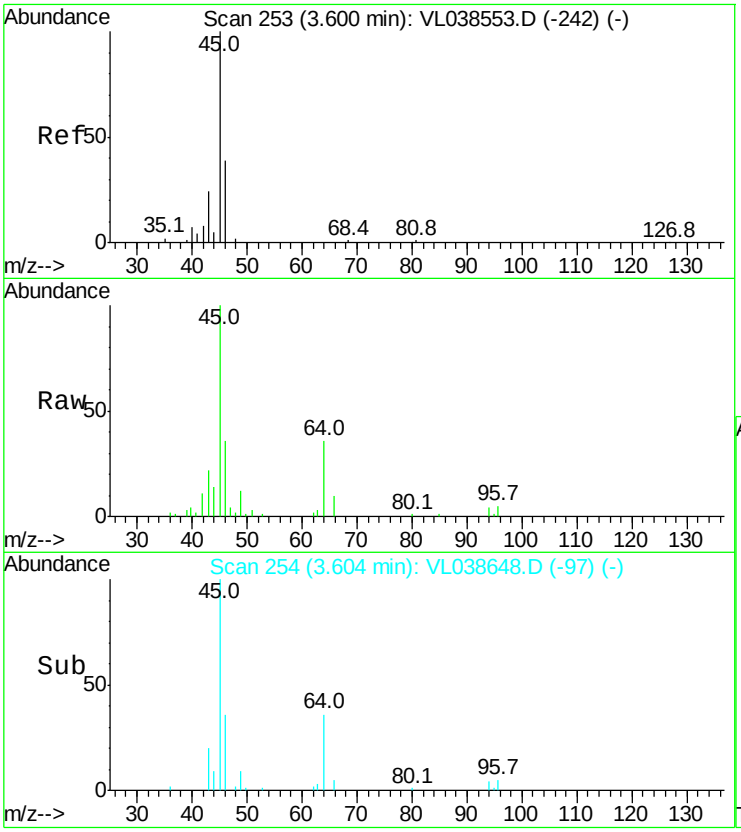


#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.65 ppbv
RT: 4.48 min Scan# 527
Delta R.T. 0.00 min
Lab File: VL038648.D
Acq: 21 Mar 2022 12:37

Tgt Ion:101 Resp: 846986

Ion	Ratio	Lower	Upper
101	100		
151	78.6	63.4	95.0



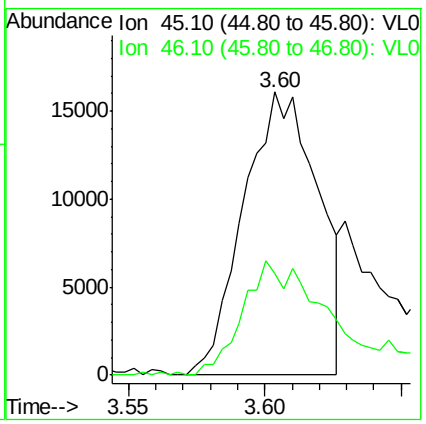


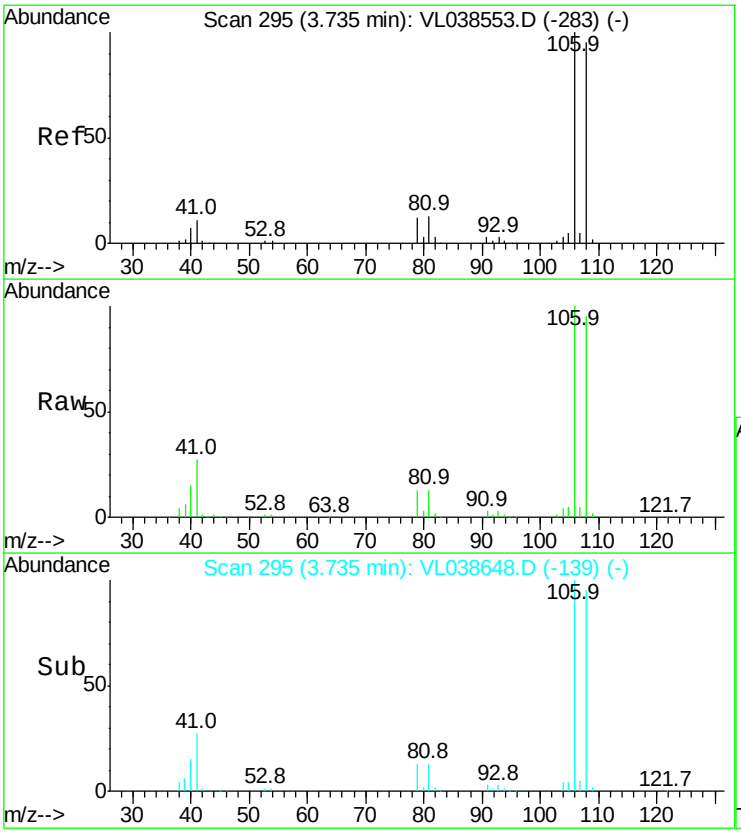
#13
Ethanol
Concen: 4.49 ppbv
RT: 3.60
Delta R.T
Lab File:
Acq: 21 Mar 2022 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 30557

Ion	Ratio	Lower	Upper
45	100		
46	50.0	16.8	67.0

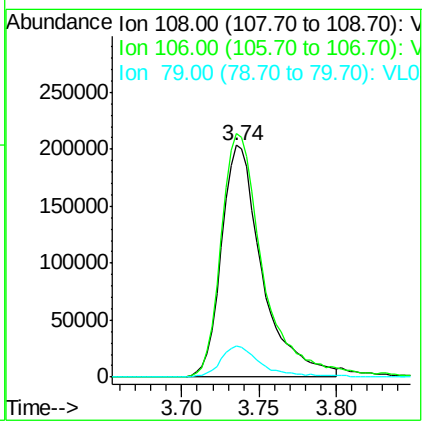


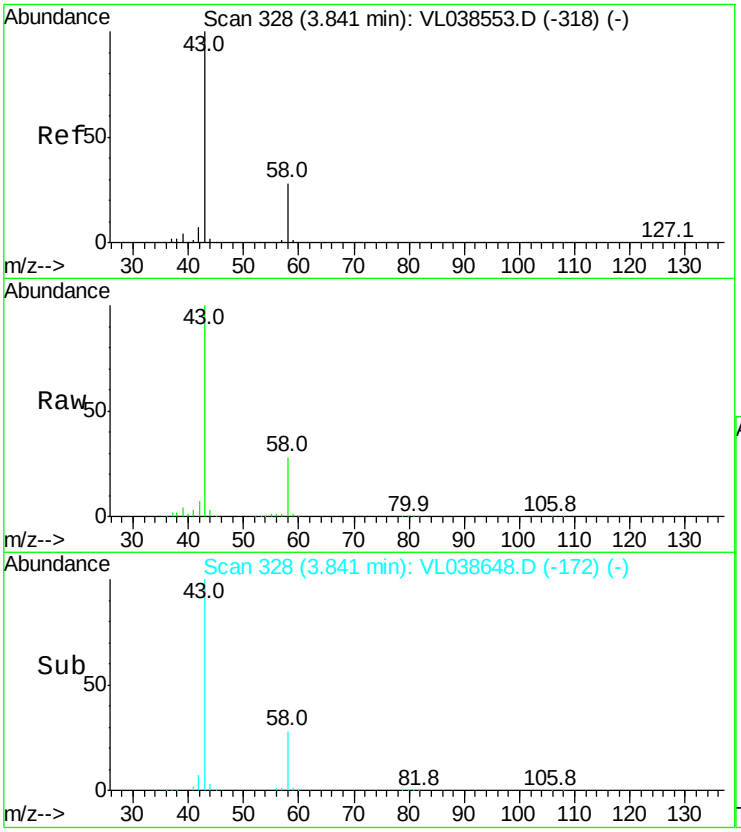


#14
Bromoethene
Concen: 8.89 ppbv
RT: 3.74 min Scan# 295
Delta R.T. 0.00 min
Lab File: VL038648.D
Acq: 21 Mar 2022 12:37

Tgt Ion:108 Resp: 370876

Ion	Ratio	Lower	Upper
108	100		
106	110.4	85.9	128.9
79	14.0	11.0	16.6



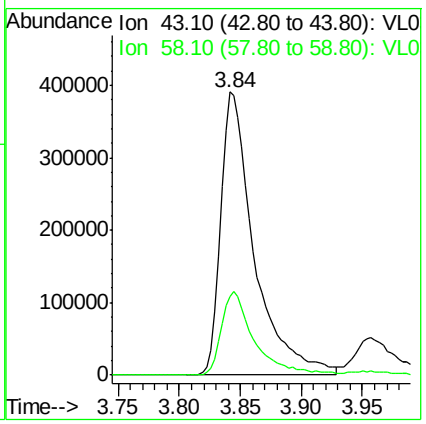


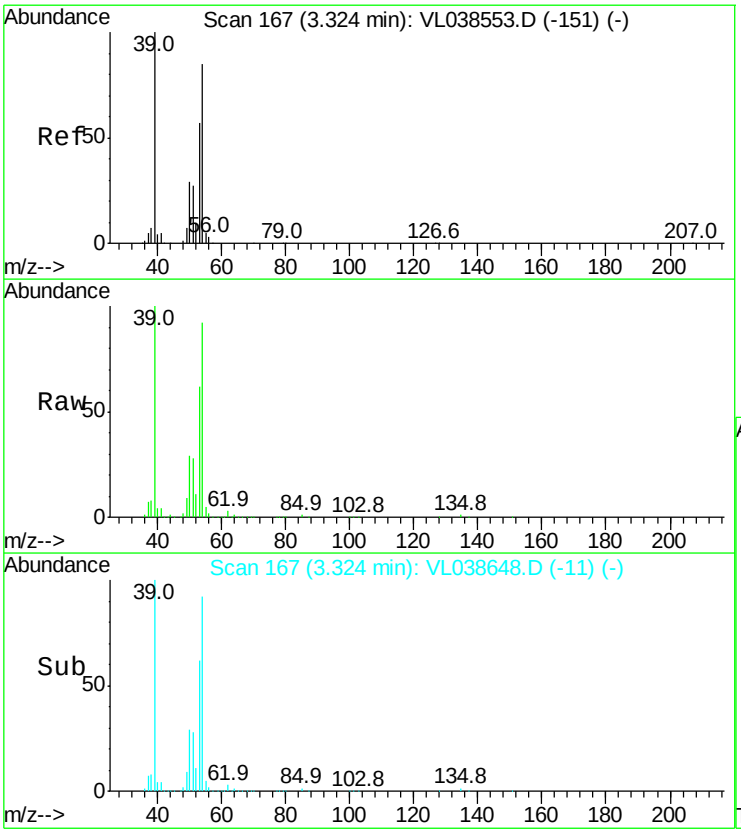
#15
Acetone
Concen: 11.20 ppbv
RT: 3.84
Delta R.T
Lab File:
Acq: 21 Mar 2022 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 751264

Ion	Ratio	Lower	Upper
43	100		
58	29.1	22.7	34.1

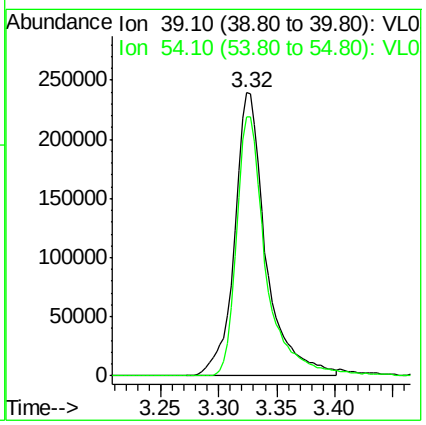


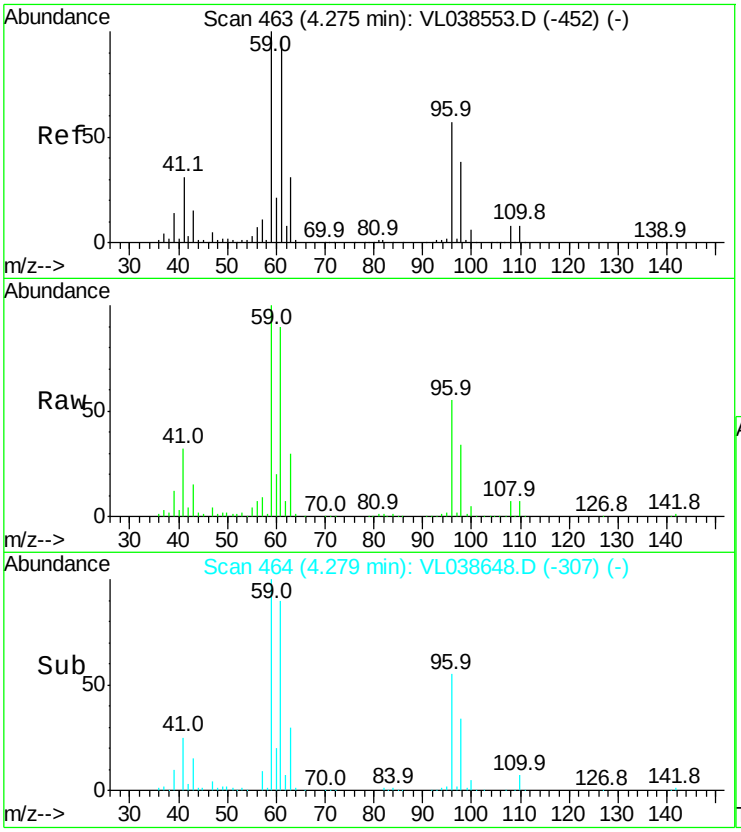


#16
1,3-Butadiene
Concen: 8.33 ppbv
RT: 3.32 min Scan# 167
Delta R.T. 0.00 min
Lab File: VL038648.D
Acq: 21 Mar 2022 12:37

Tgt Ion: 39 Resp: 448850

Ion	Ratio	Lower	Upper
39	100		
54	86.4	64.2	96.2



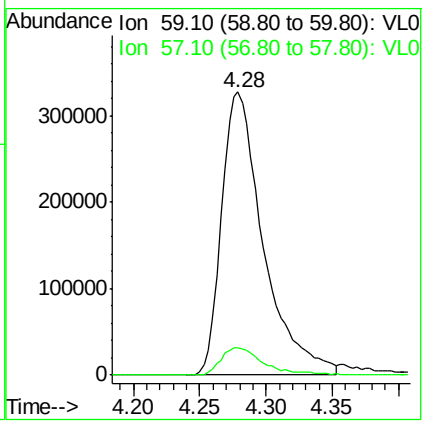


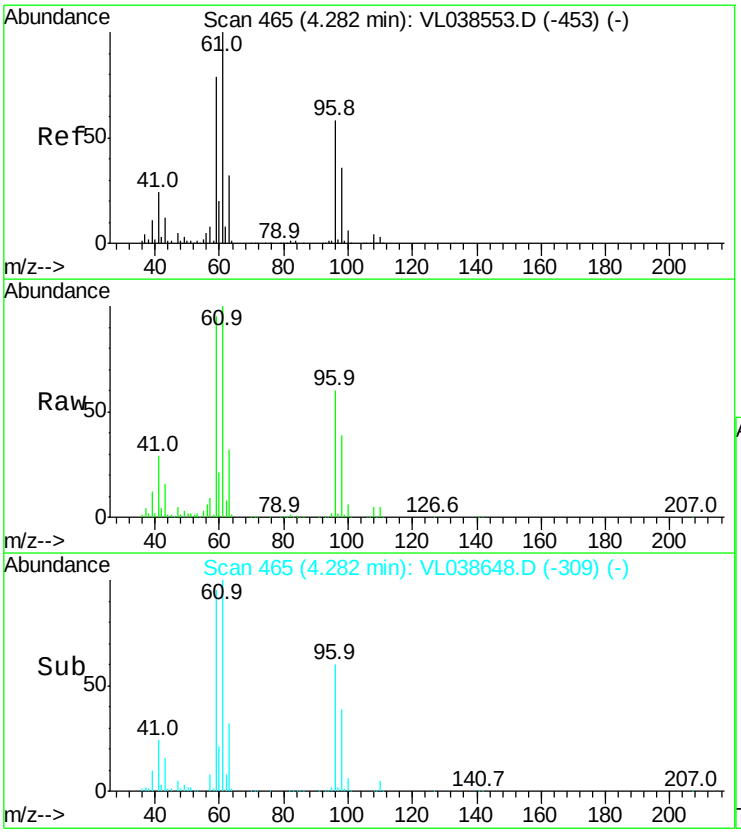
#17
tert-Butyl alcohol
Concen: 9.83 ppbv
RT: 4.28
Delta R.T
Lab File:
Acq: 21 Mar 2022 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 59 Resp: 716726

Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.1	12.1

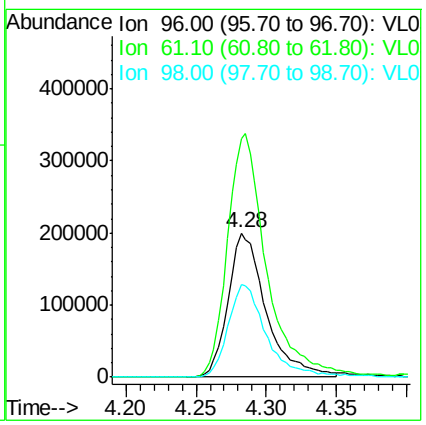


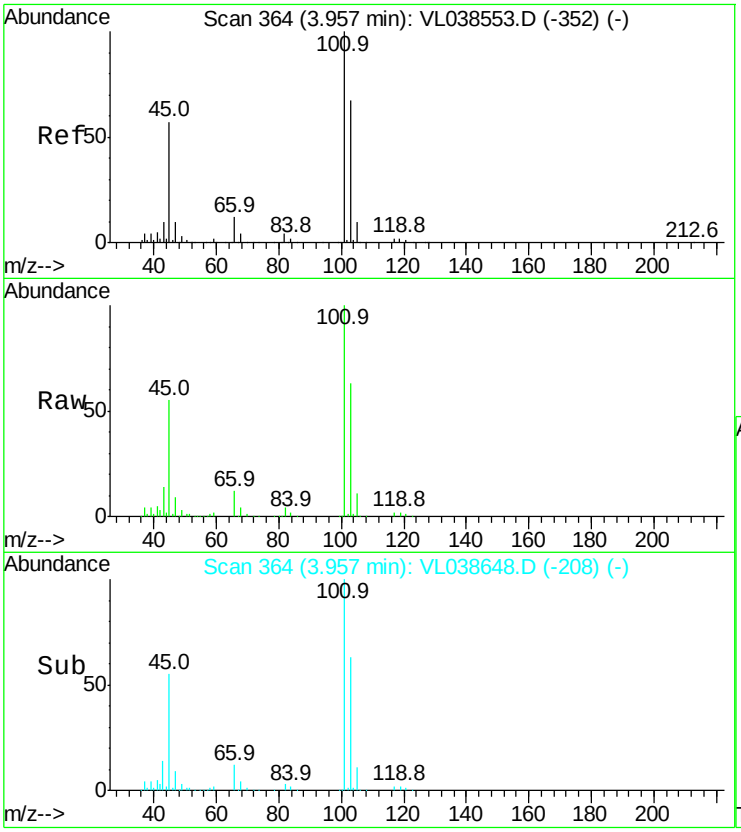


#18
1,1-Dichloroethene
Concen: 8.59 ppbv
RT: 4.28 min Scan# 465
Delta R.T. 0.00 min
Lab File: VL038648.D
Acq: 21 Mar 2022 12:37

Tgt Ion: 96 Resp: 376514

Ion	Ratio	Lower	Upper
96	100		
61	165.5	137.4	206.0
98	64.5	49.3	73.9



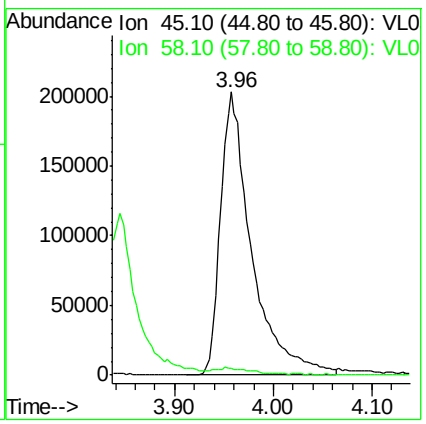


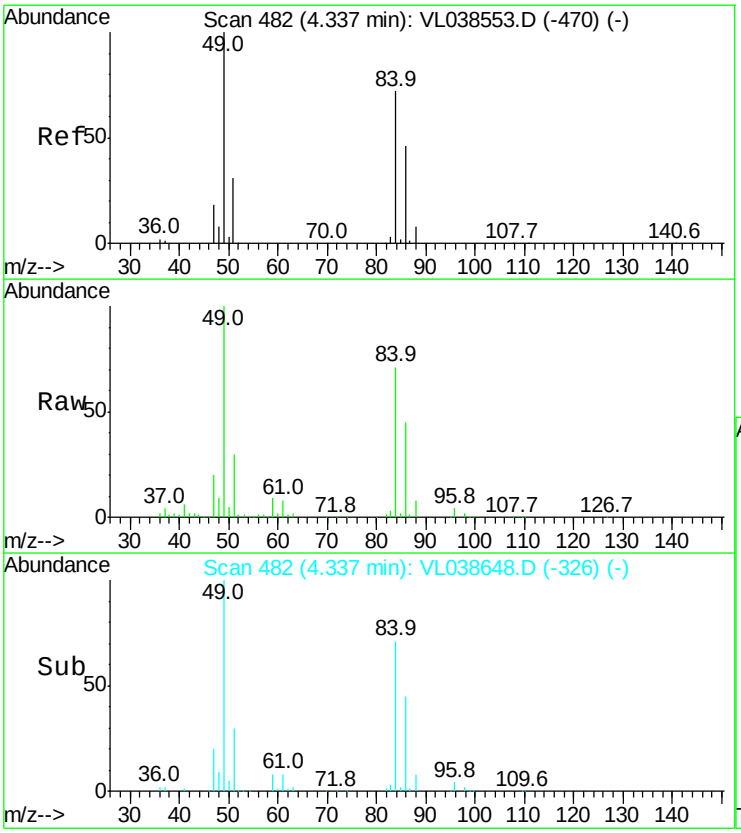
#19
Isopropyl Alcohol
Concen: 10.02 ppbv
RT: 3.96
Delta R.T
Lab File:
Acq: 21 Mar 2022 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 448966

Ion	Ratio	Lower	Upper
45	100		
58	2.9	2.2	3.2

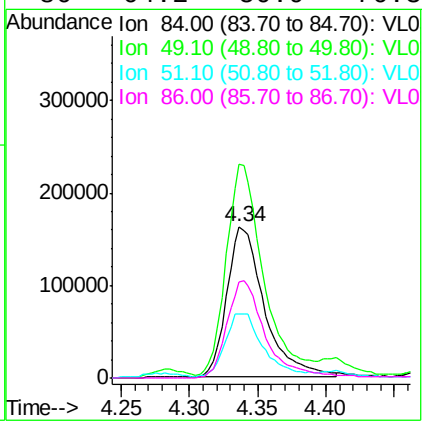


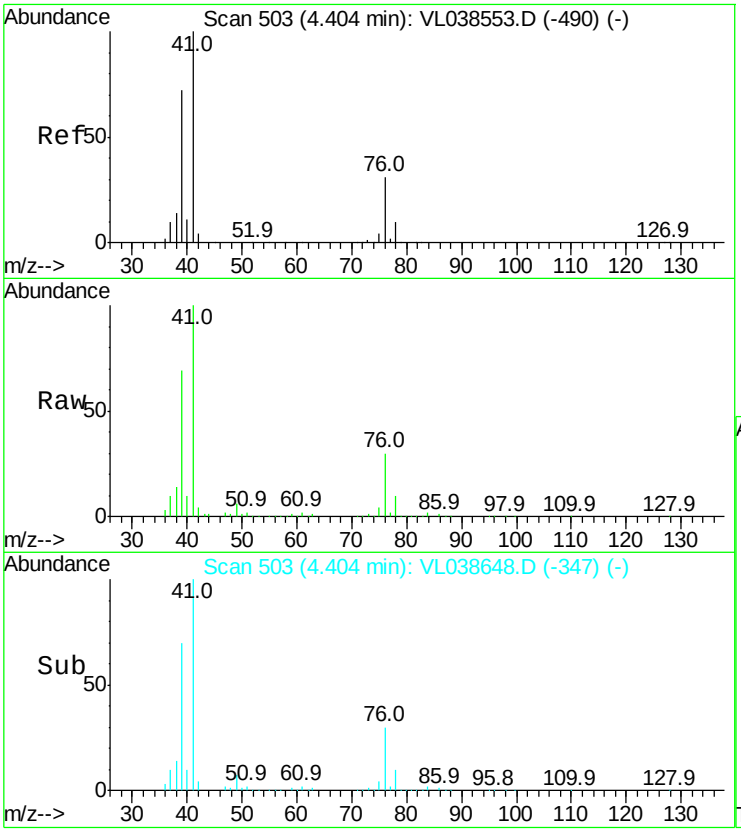


#20
Methylene Chloride
Concen: 7.71 ppbv
RT: 4.34 min Scan# 482
Delta R.T. 0.00 min
Lab File: VL038648.D
Acq: 21 Mar 2022 12:37

Tgt Ion: 84 Resp: 311455

Ion	Ratio	Lower	Upper
84	100		
49	139.0	111.1	166.7
51	41.0	34.0	51.0
86	64.2	50.9	76.3



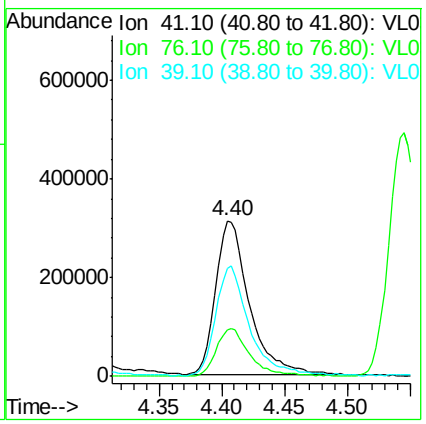


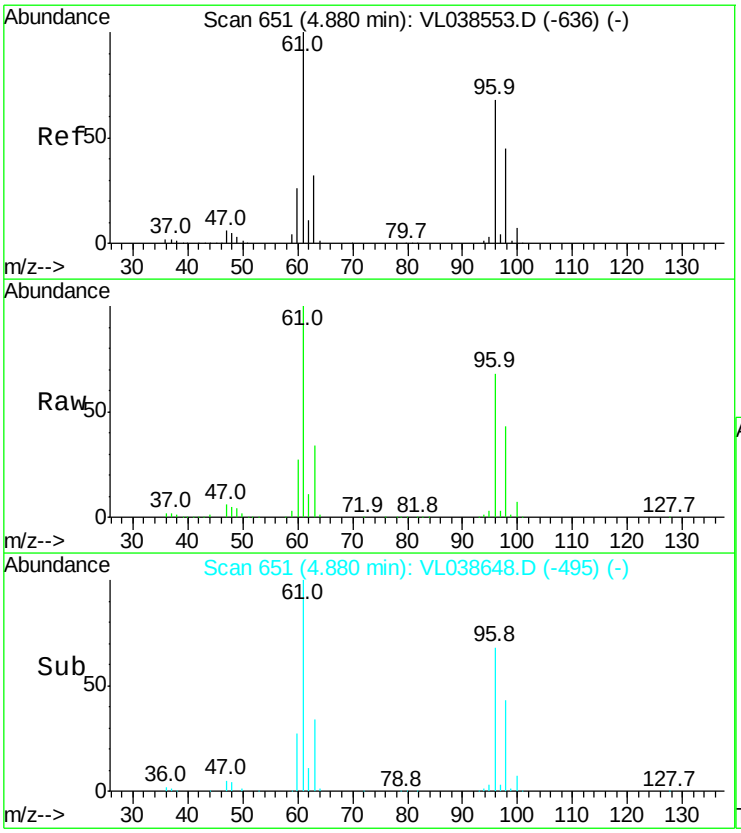
#21
Allyl Chloride
Concen: 9.01 ppbv
RT: 4.40
Delta R.T
Lab File:
Acq: 21 Mar 2022 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 41 Resp: 582559

Ion	Ratio	Lower	Upper
41	100		
76	31.3	24.3	36.5
39	70.8	57.1	85.7

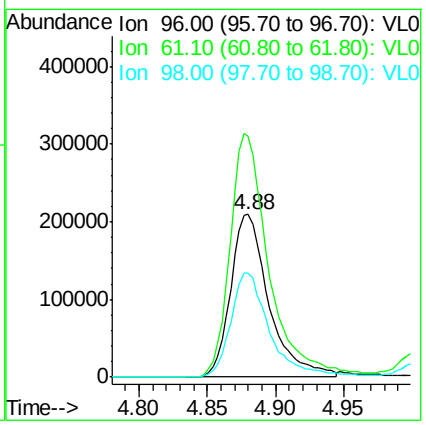


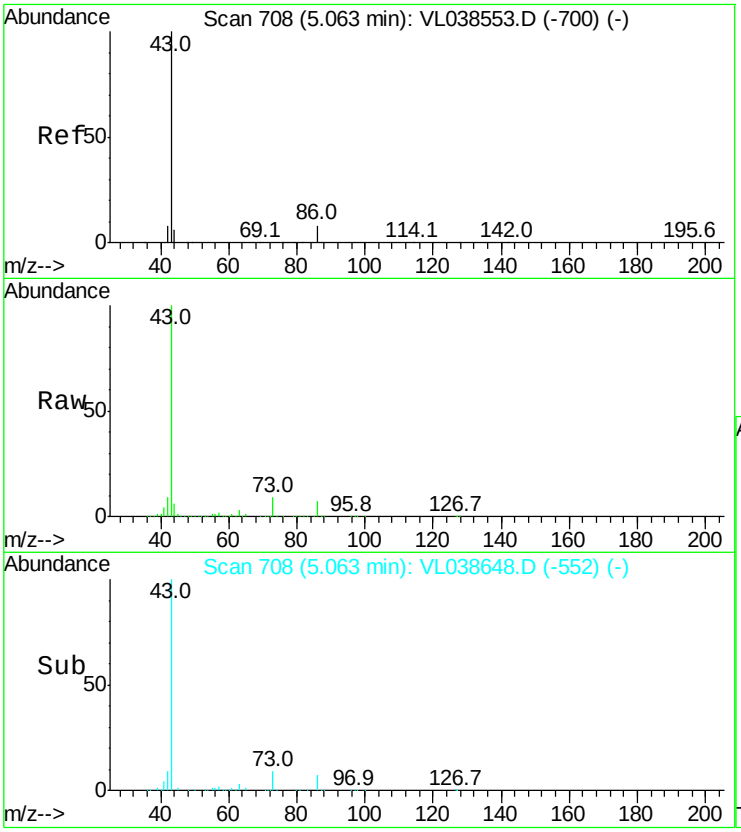


#22
trans-1,2-Dichloroethene
Concen: 8.91 ppbv
RT: 4.88 min Scan# 651
Delta R.T. 0.00 min
Lab File: VL038648.D
Acq: 21 Mar 2022 12:37

Tgt Ion: 96 Resp: 409293

Ion	Ratio	Lower	Upper
96	100		
61	147.9	117.6	176.4
98	64.1	52.6	78.8



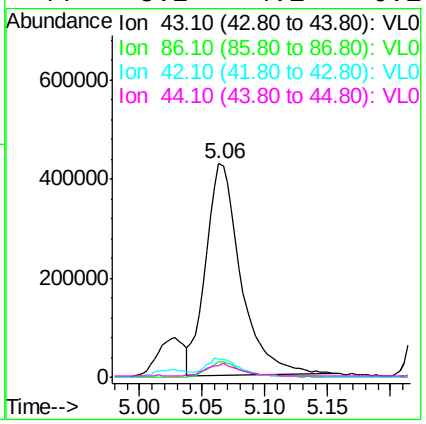


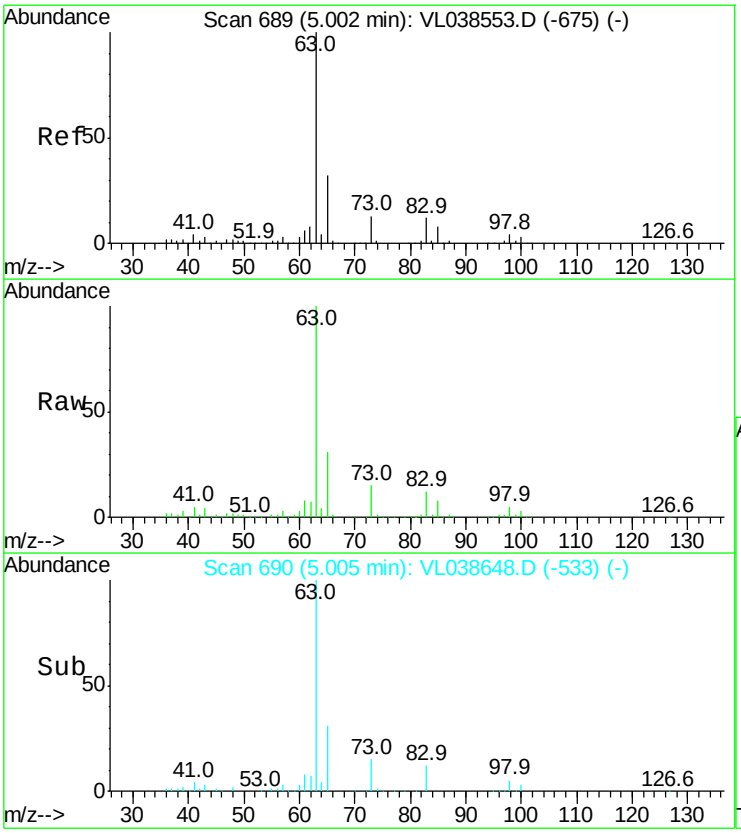
#23
Vinyl Acetate
Concen: 8.65 ppbv
RT: 5.06
Delta R.T
Lab File:
Acq: 21 Mar 2022 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 832057

Ion	Ratio	Lower	Upper
43	100		
86	7.0	5.6	8.4
42	8.5	7.1	10.7
44	5.2	4.1	6.1

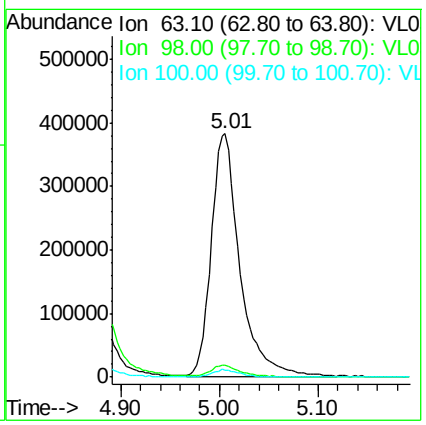


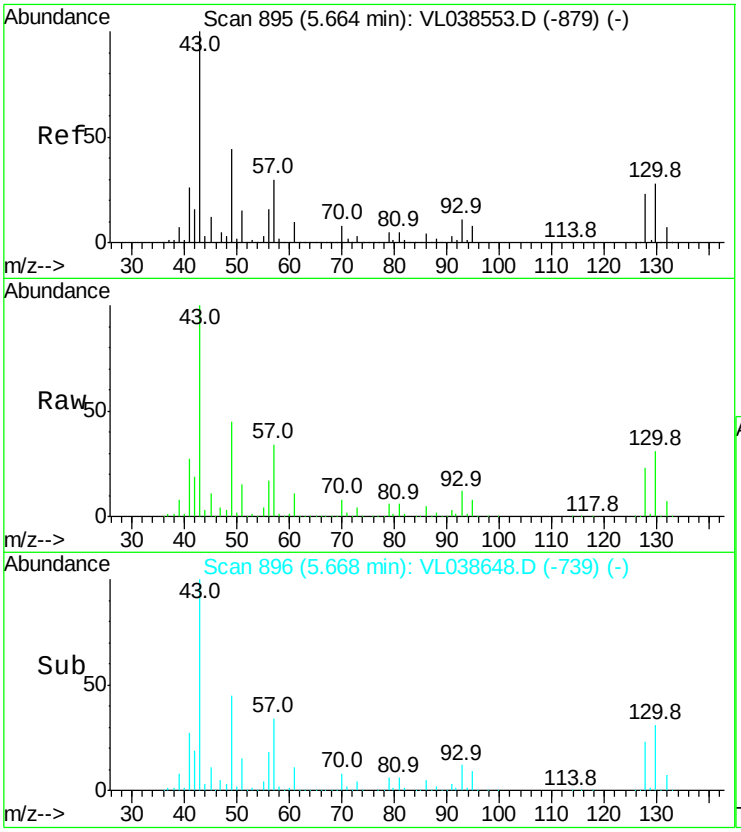


#24
1,1-Dichloroethane
Concen: 8.83 ppbv
RT: 5.01 min Scan# 690
Delta R.T. 0.00 min
Lab File: VL038648.D
Acq: 21 Mar 2022 12:37

Tgt Ion: 63 Resp: 772318

Ion	Ratio	Lower	Upper
63	100		
98	5.0	2.2	6.6
100	2.8	1.5	4.5



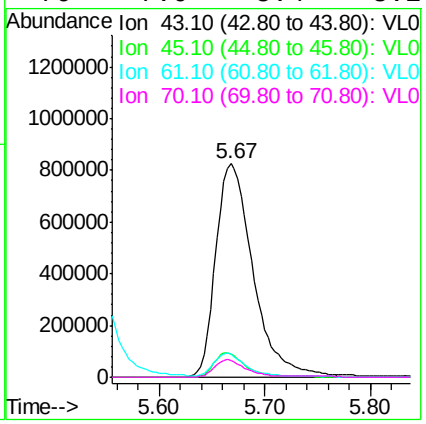


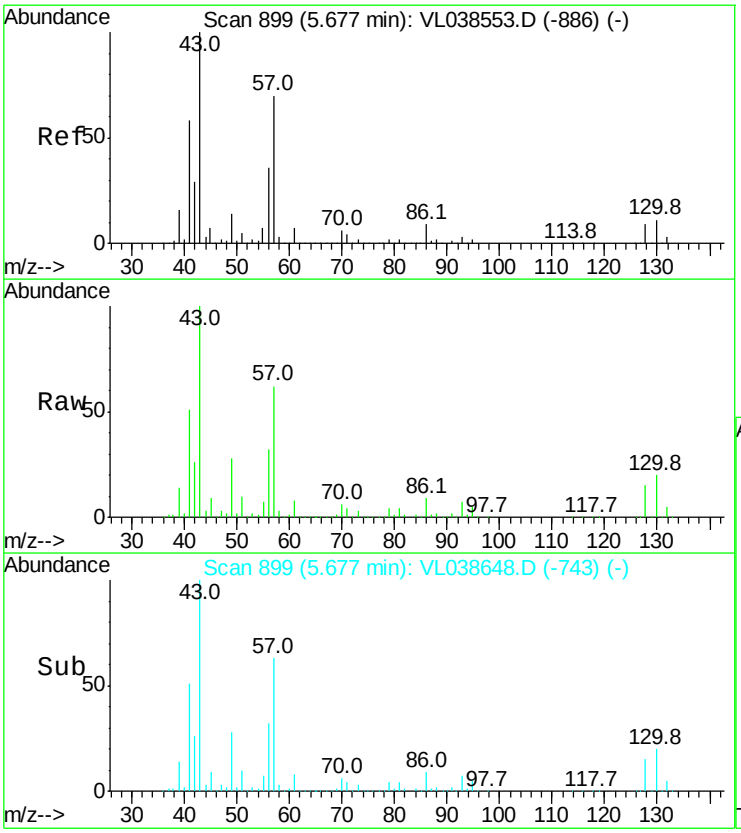
#25
Ethyl Acetate
Concen: 8.94 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 21 Mar 2022 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 2018856

Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.0	12.0
61	10.4	8.2	12.4
70	7.0	5.4	8.2

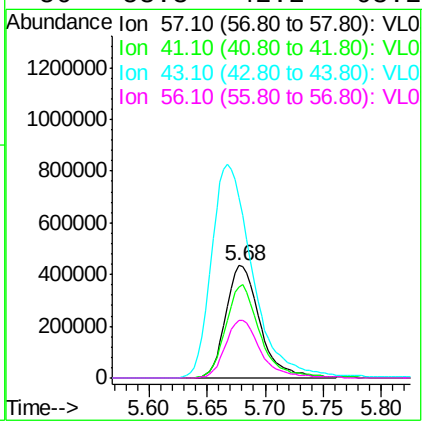


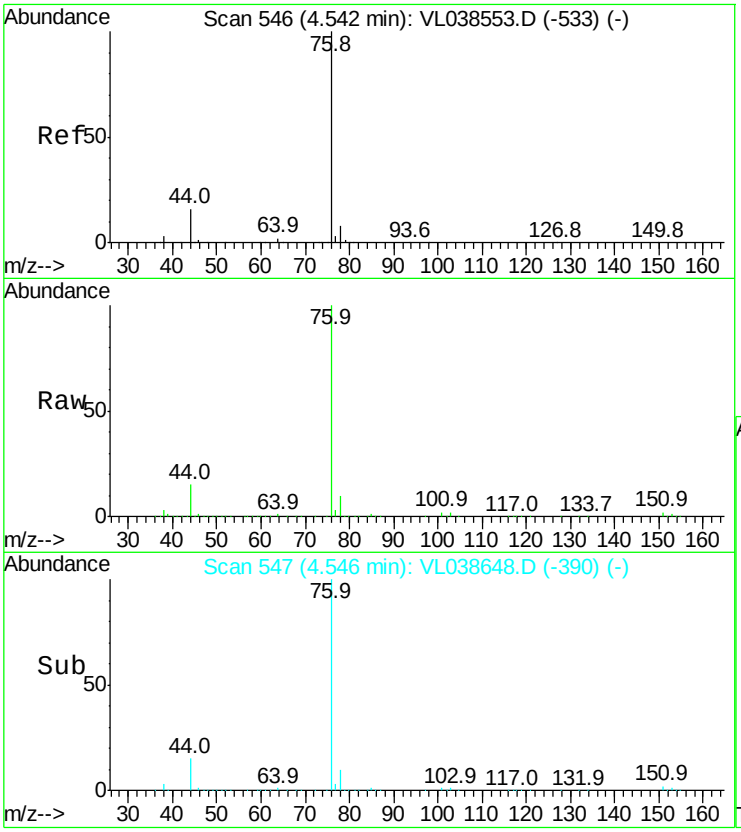


#26
Hexane
Concen: 8.38 ppbv
RT: 5.68 min Scan# 899
Delta R.T. 0.00 min
Lab File: VL038648.D
Acq: 21 Mar 2022 12:37

Tgt Ion: 57 Resp: 889469

Ion	Ratio	Lower	Upper
57	100		
41	83.7	67.8	101.6
43	230.2	173.6	260.4
56	53.3	42.2	63.2



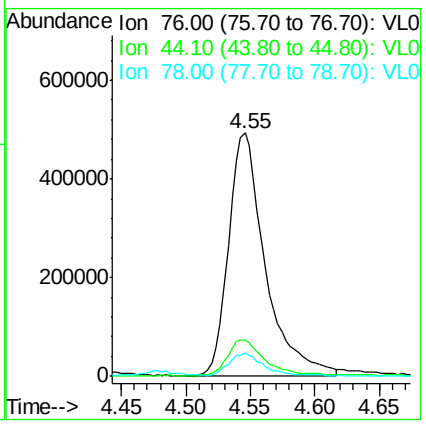


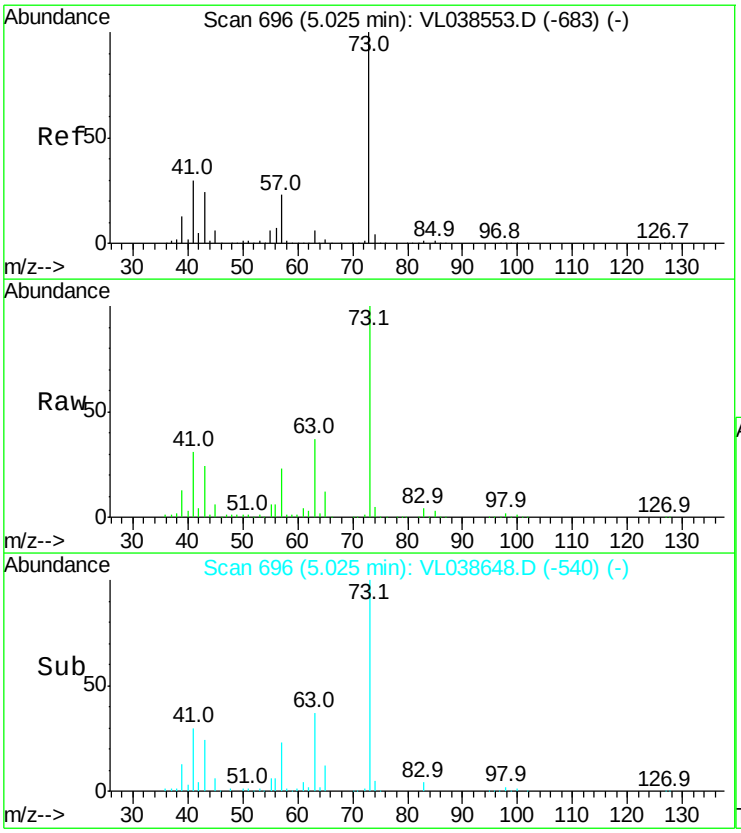
#27
Carbon Disulfide
Concen: 9.20 ppbv
RT: 4.55
Delta R.T
Lab File:
Acq: 21 Mar 2022 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 76 Resp: 972540

Ion	Ratio	Lower	Upper
76	100		
44	15.5	12.9	19.3
78	9.8	7.8	11.6

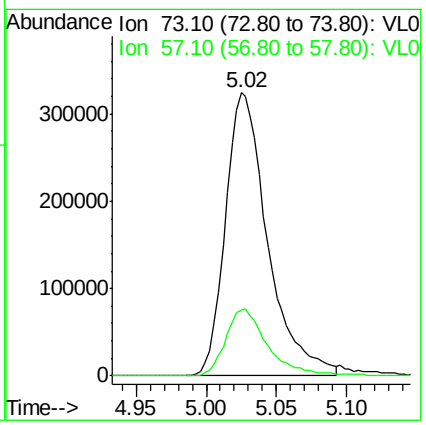


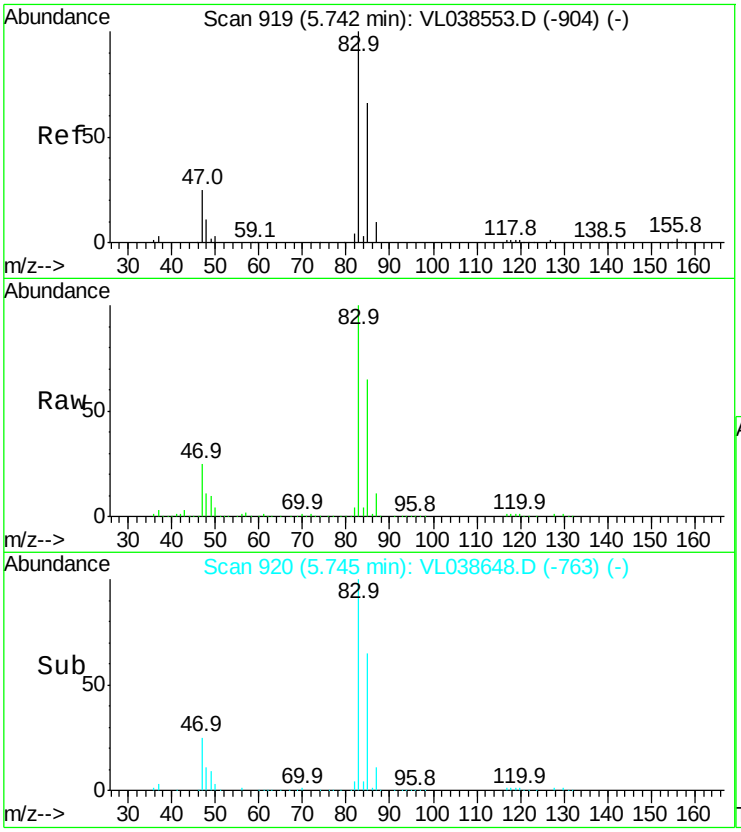


#28
Methyl tert-Butyl Ether
Concen: 7.86 ppbv
RT: 5.02 min Scan# 696
Delta R.T. 0.00 min
Lab File: VL038648.D
Acq: 21 Mar 2022 12:37

Tgt Ion: 73 Resp: 678526

Ion	Ratio	Lower	Upper
73	100		
57	24.0	18.8	28.2



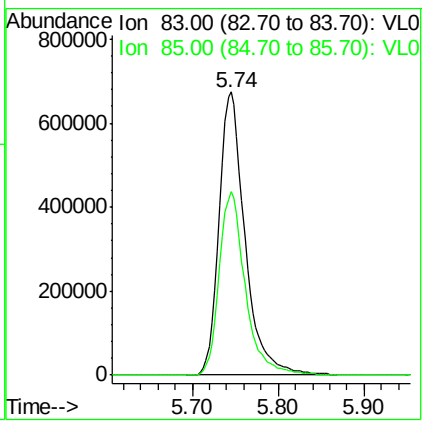


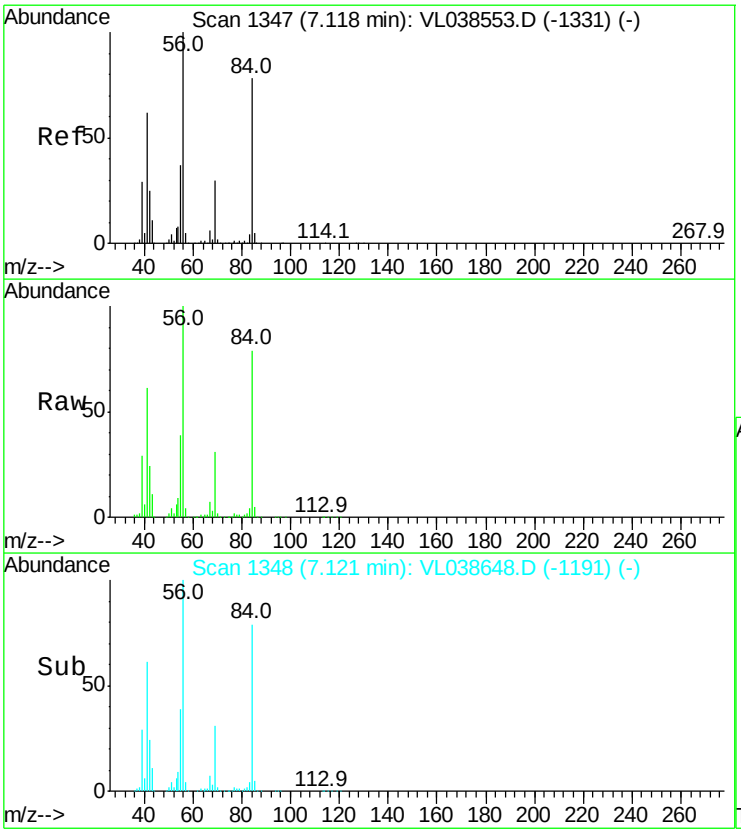
#29
Chloroform
Concen: 8.59 ppbv
RT: 5.74
Delta R.T
Lab File:
Acq: 21 Mar 2022 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 83 Resp: 1418653

Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.8	79.2

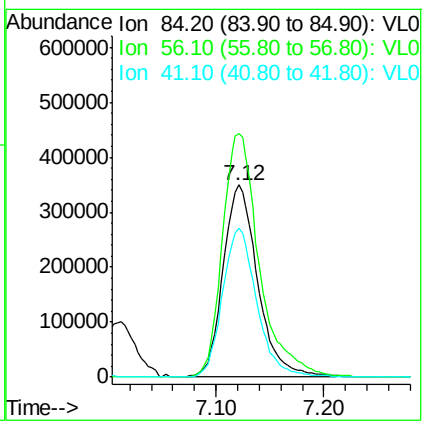


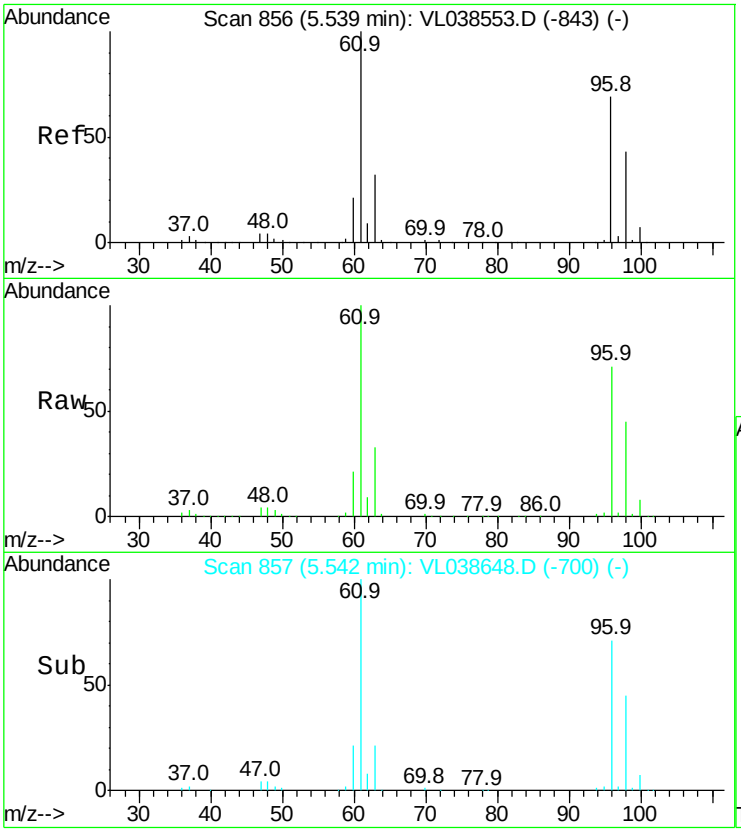


#30
Cyclohexane
Concen: 8.54 ppbv
RT: 7.12 min Scan# 1348
Delta R.T. 0.00 min
Lab File: VL038648.D
Acq: 21 Mar 2022 12:37

Tgt Ion: 84 Resp: 783325

Ion	Ratio	Lower	Upper
84	100		
56	135.3	111.4	167.0
41	77.2	65.5	98.3



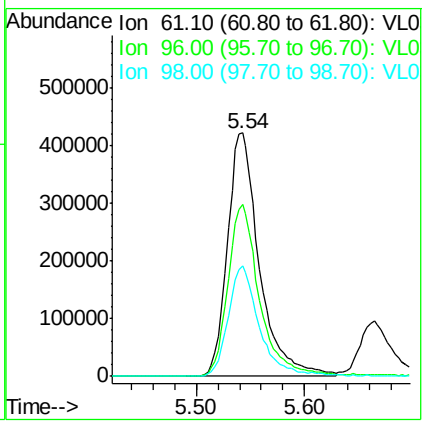


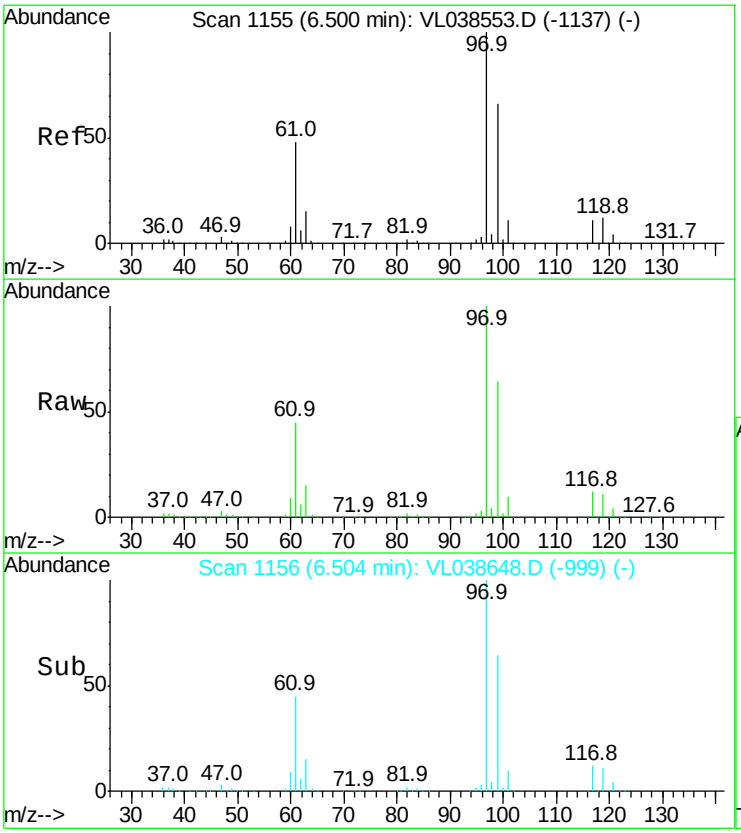
#31
cis-1,2-Dichloroethene
Concen: 8.57 ppbv
RT: 5.54
Delta R.T
Lab File:
Acq: 21 Mar 2022 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 61 Resp: 869465

Ion	Ratio	Lower	Upper
61	100		
96	70.7	55.2	82.8
98	45.4	34.2	51.4

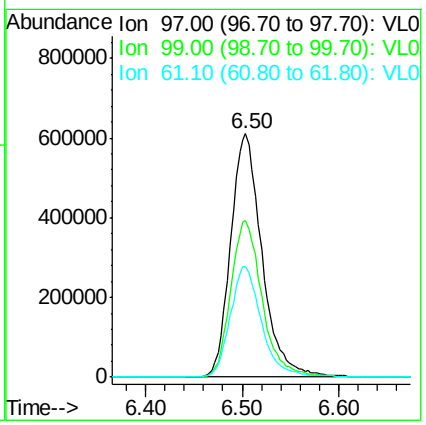


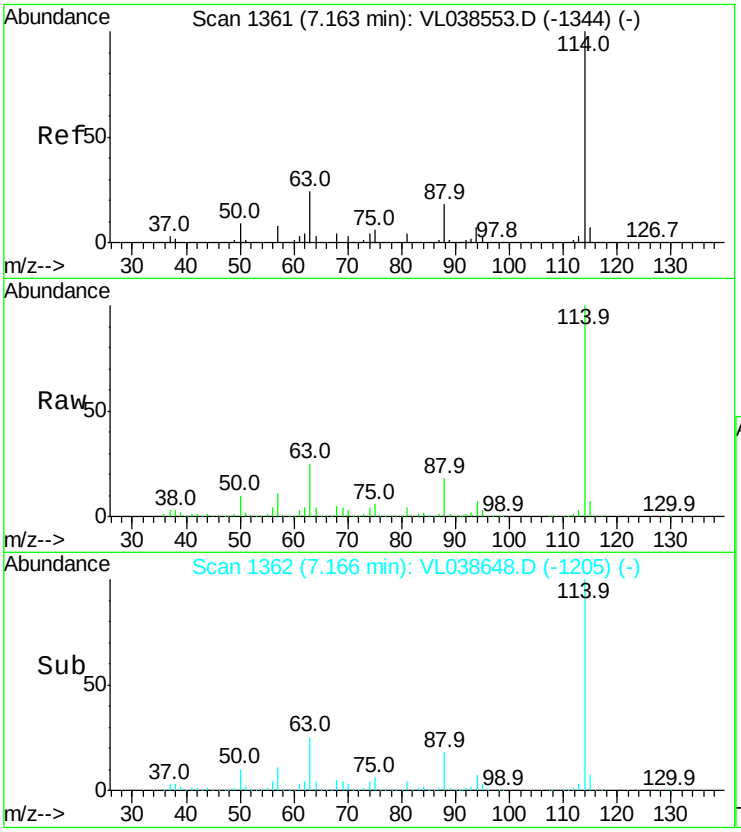


#32
1,1,1-Trichloroethane
Concen: 8.57 ppbv
RT: 6.50 min Scan# 1156
Delta R.T. 0.00 min
Lab File: VL038648.D
Acq: 21 Mar 2022 12:37

Tgt Ion: 97 Resp: 1372663

Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.1	78.1
61	45.9	37.7	56.5



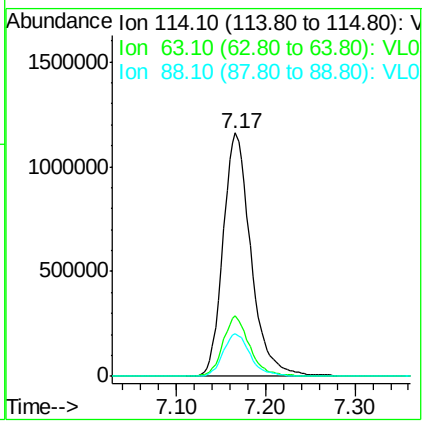


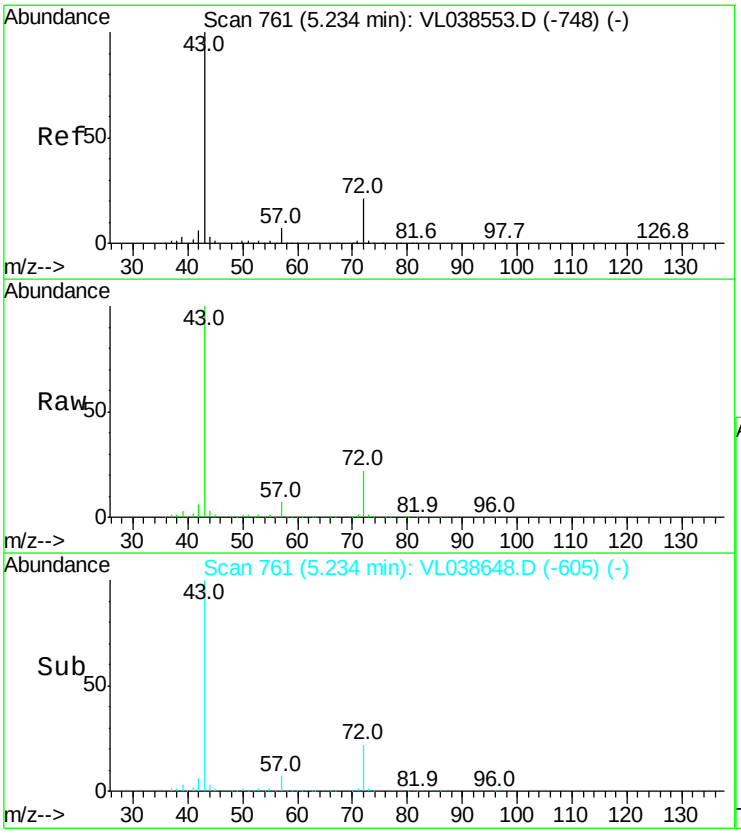
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 21 Mar 2022 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:114 Resp: 2515037

Ion	Ratio	Lower	Upper
114	100		
63	24.2	19.6	29.4
88	17.4	13.9	20.9

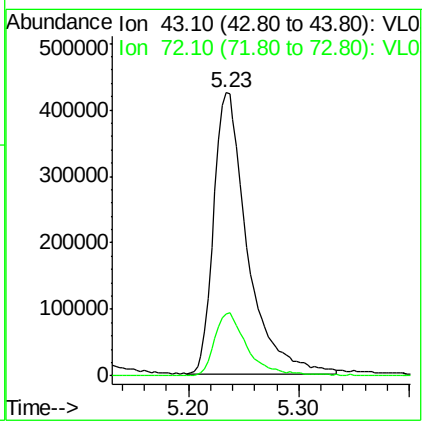


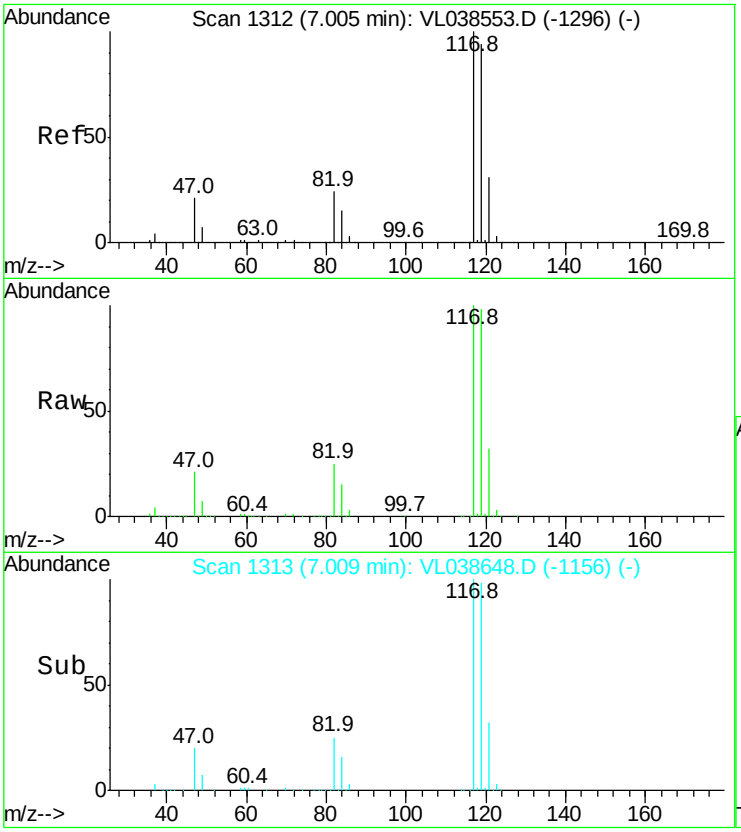


#34
2-Butanone
Concen: 13.76 ppbv
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VL038648.D
Acq: 21 Mar 2022 12:37

Tgt Ion: 43 Resp: 896971

Ion	Ratio	Lower	Upper
43	100		
72	22.3	17.8	26.6



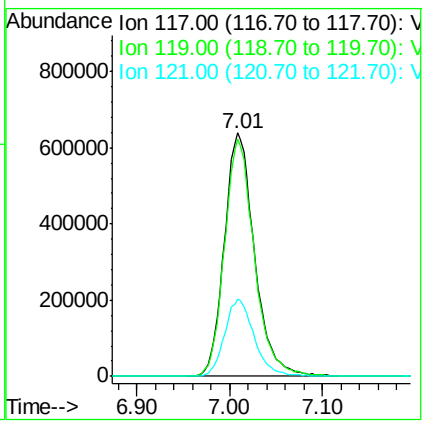


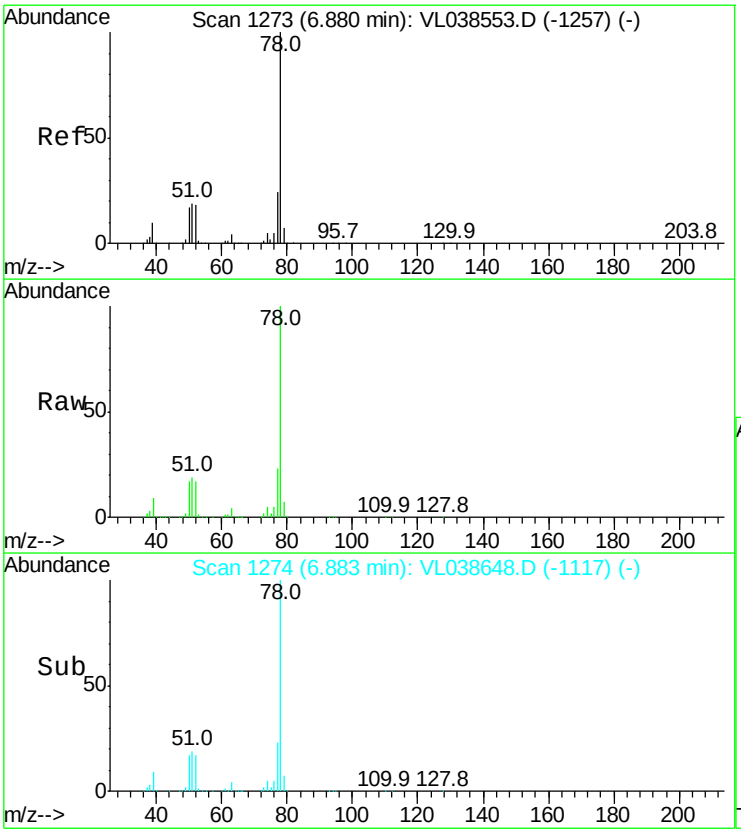
#35
Carbon Tetrachloride
Concen: 8.39 ppbv
RT: 7.01
Delta R.T
Lab File:
Acq: 21 Mar 2022 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:117 Resp: 1439975

Ion	Ratio	Lower	Upper
117	100		
119	97.6	75.2	112.8
121	32.2	24.8	37.2

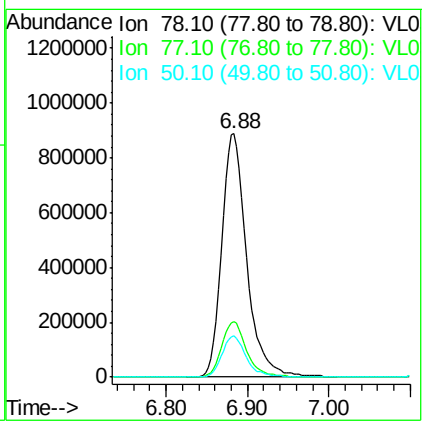


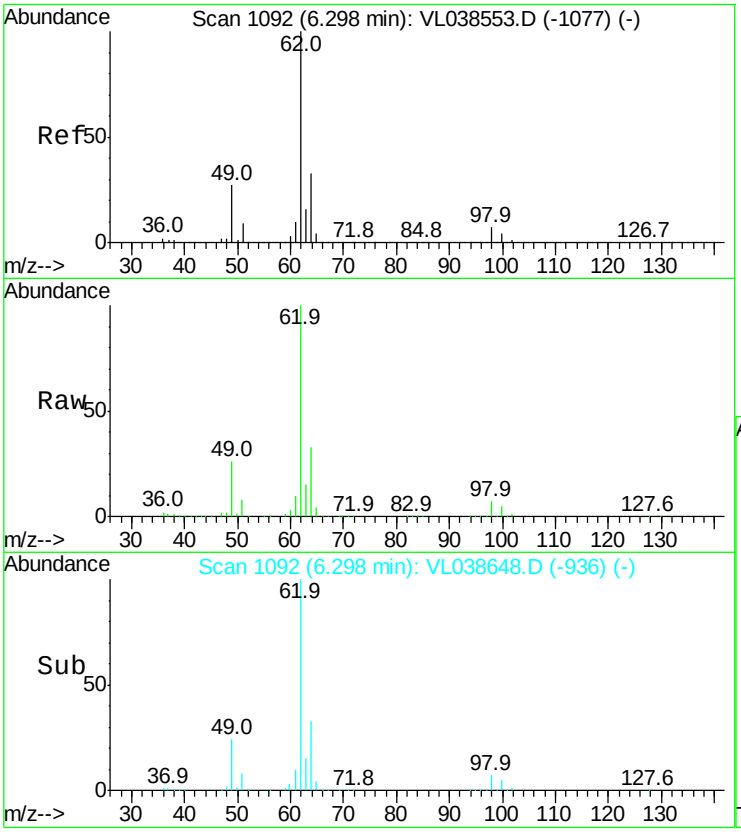


#36
Benzene
Concen: 8.46 ppbv
RT: 6.88 min Scan# 1274
Delta R.T. 0.00 min
Lab File: VL038648.D
Acq: 21 Mar 2022 12:37

Tgt Ion: 78 Resp: 1919838

Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.0	28.4
50	17.0	13.9	20.9



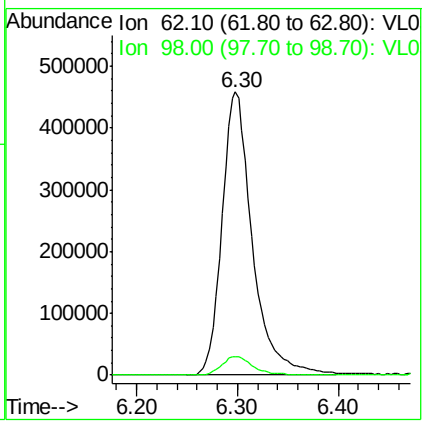


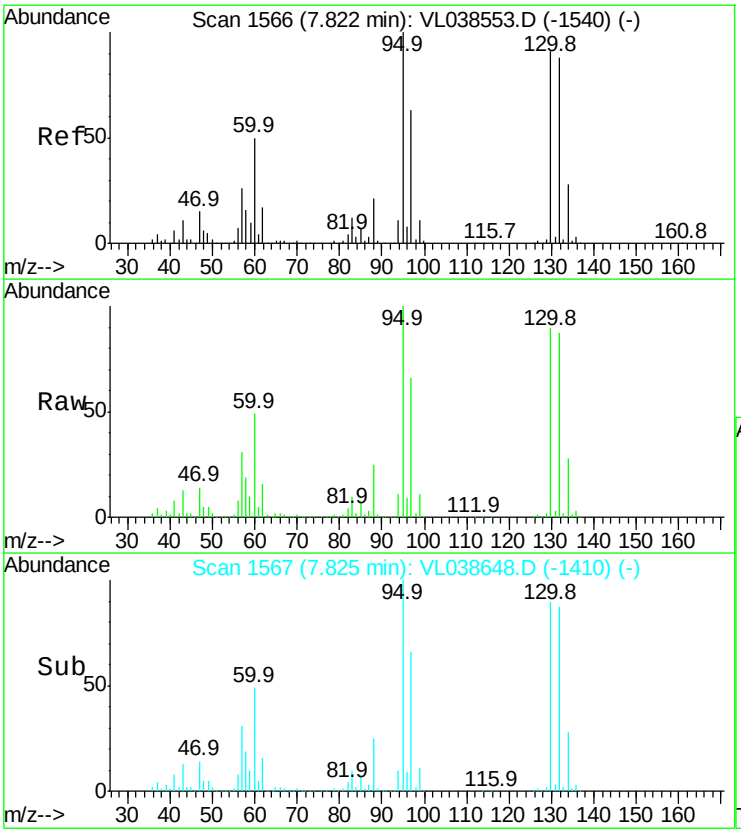
#37
1,2-Dichloroethane
Concen: 8.90 ppbv
RT: 6.30
Delta R.T
Lab File:
Acq: 21 Mar 2022 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 62 Resp: 965136

Ion	Ratio	Lower	Upper
62	100		
98	7.0	5.7	8.5

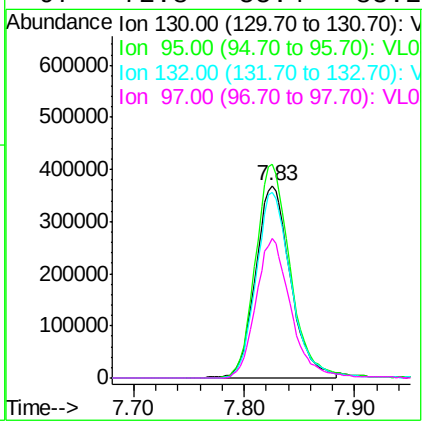


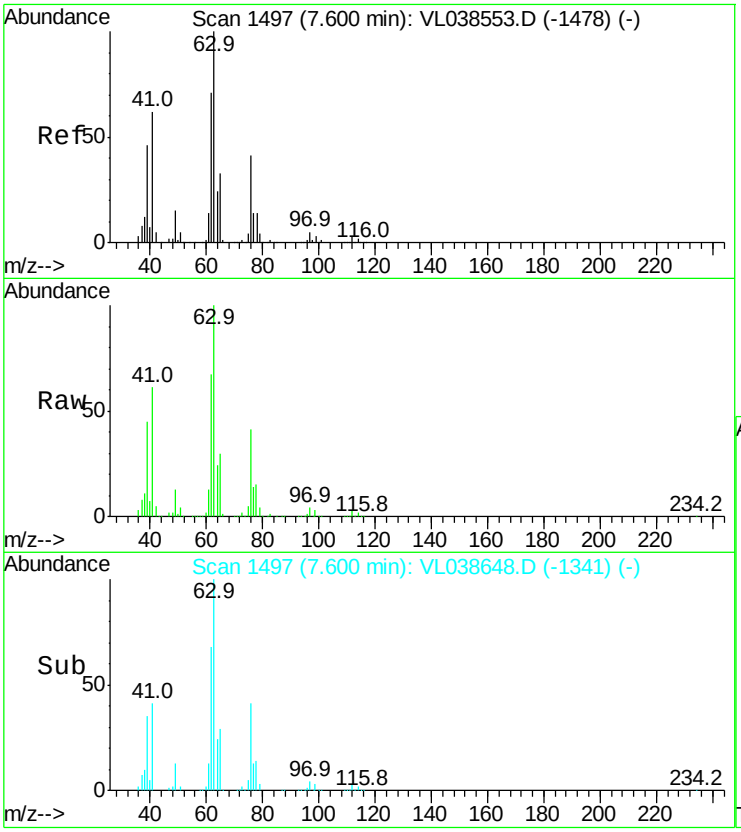


#38
Trichloroethene
Concen: 8.93 ppbv
RT: 7.83 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VL038648.D
Acq: 21 Mar 2022 12:37

Tgt Ion:130 Resp: 809167

Ion	Ratio	Lower	Upper
130	100		
95	111.1	87.8	131.8
132	96.7	77.5	116.3
97	72.8	55.4	83.2



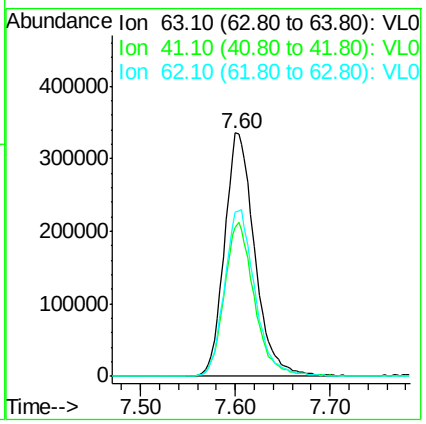


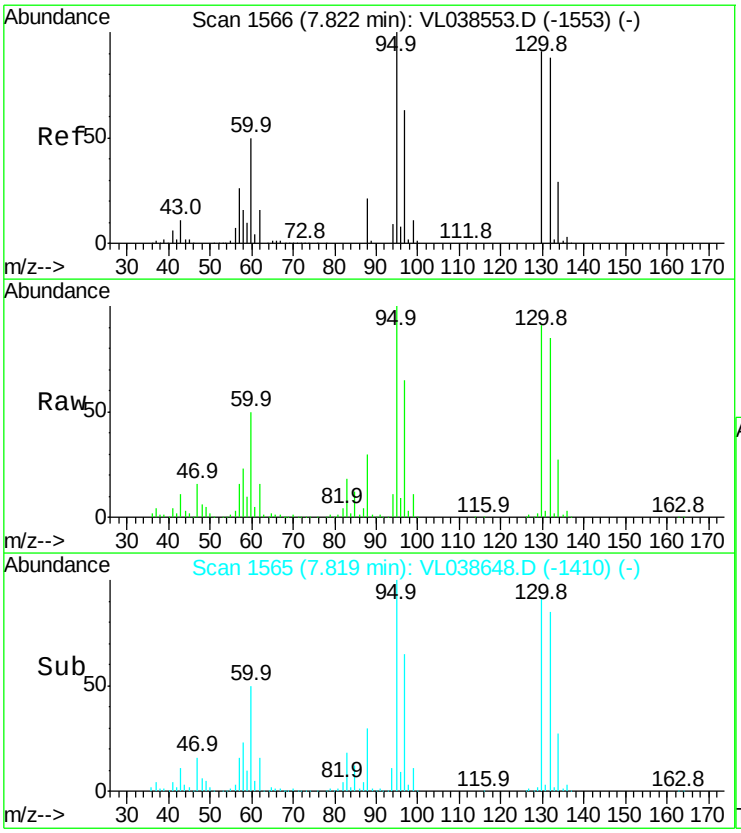
#39
1,2-Dichloropropane
Concen: 8.53 ppbv
RT: 7.60
Delta R.T
Lab File:
Acq: 21 Mar 2022 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 63 Resp: 744718

Ion	Ratio	Lower	Upper
63	100		
41	61.3	49.8	74.6
62	67.4	56.7	85.1

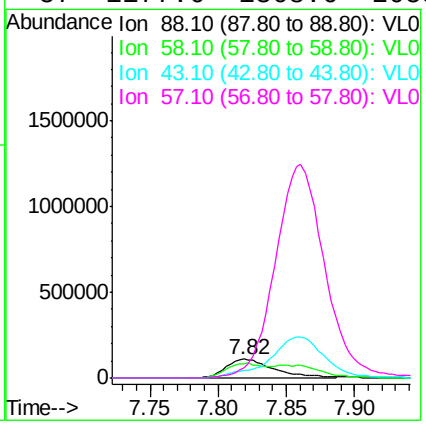


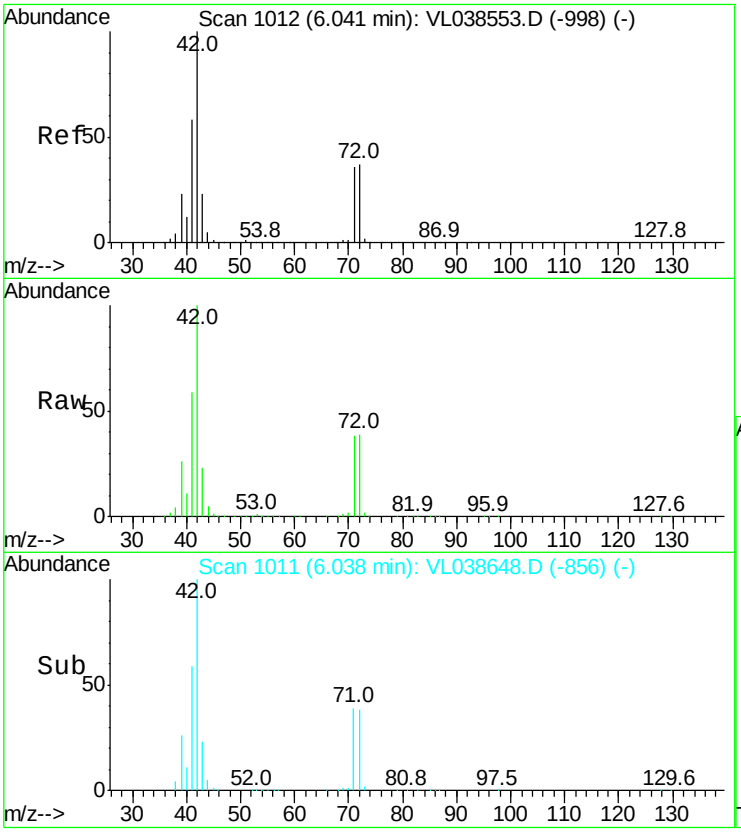


#40
1,4-Dioxane
Concen: 12.30 ppbv
RT: 7.82 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VL038648.D
Acq: 21 Mar 2022 12:37

Tgt Ion: 88 Resp: 268766

Ion	Ratio	Lower	Upper
88	100		
58	132.0	126.7	190.1
43	252.4	303.0	454.6#
57	1177.6	1368.6	2053.0#



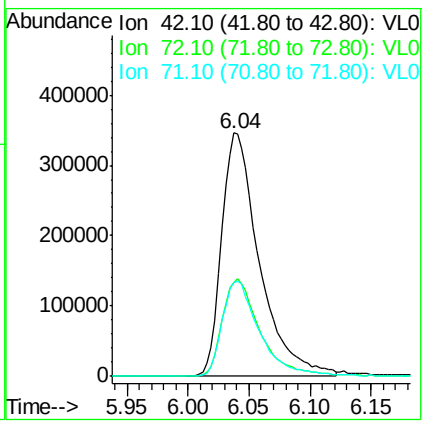


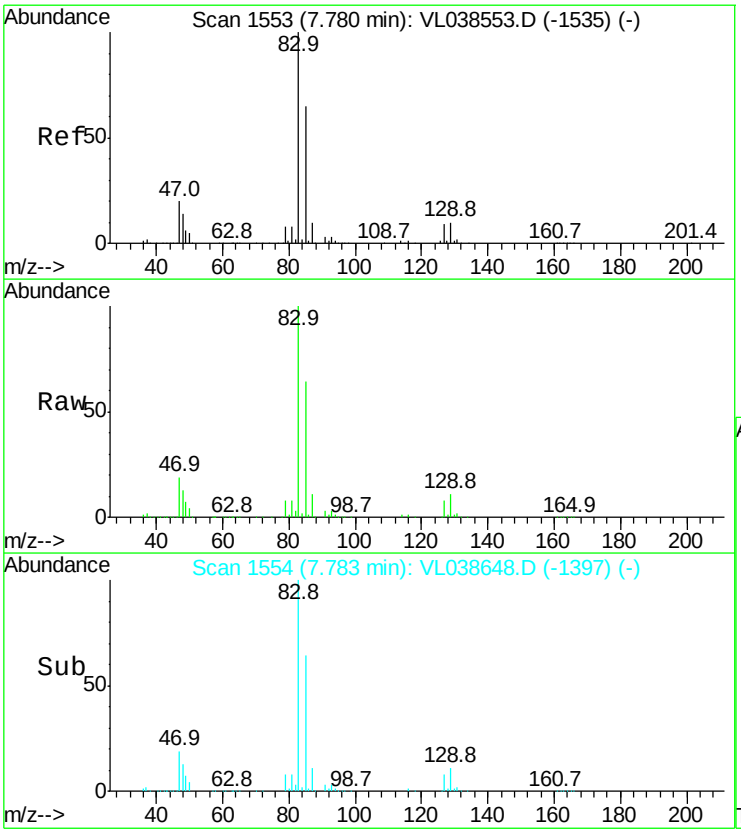
#41
Tetrahydrofuran
Concen: 14.08 ppbv
RT: 6.04
Delta R.T
Lab File:
Acq: 21 Mar 2022 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 42 Resp: 750690

Ion	Ratio	Lower	Upper
42	100		
72	40.6	30.9	46.3
71	39.3	29.1	43.7

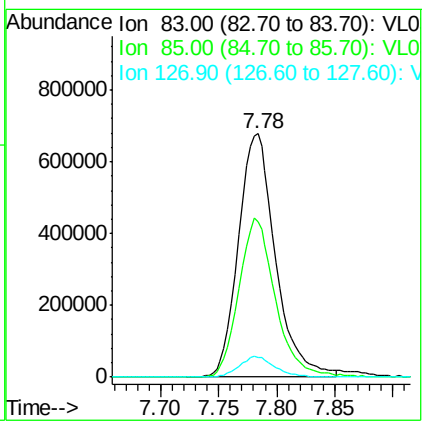


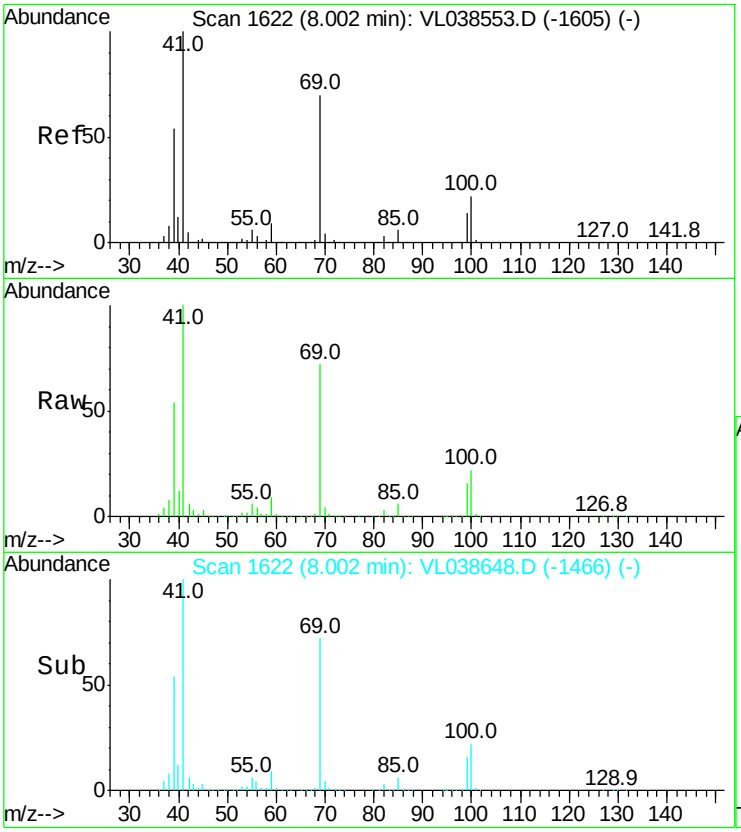


#42
Bromodichloromethane
Concen: 8.77 ppbv
RT: 7.78 min Scan# 1554
Delta R.T. 0.00 min
Lab File: VL038648.D
Acq: 21 Mar 2022 12:37

Tgt Ion: 83 Resp: 1508161

Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.7	77.5
127	8.1	6.9	10.3



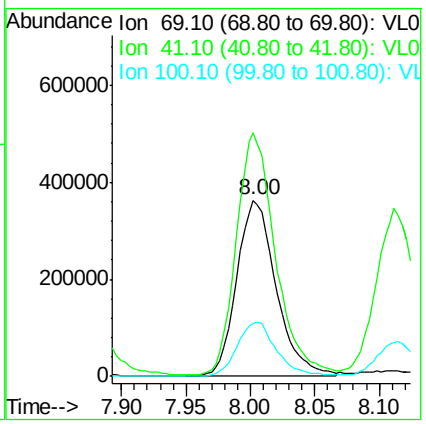


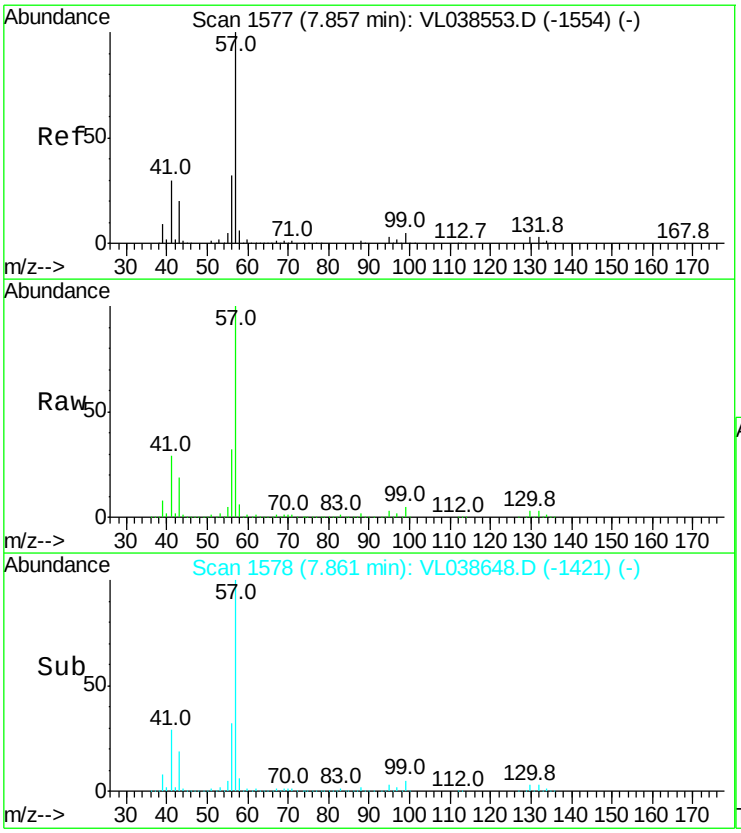
#43
Methyl Methacrylate
Concen: 9.91 ppbv
RT: 8.00
Delta R.T
Lab File:
Acq: 21 Mar 2022 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 69 Resp: 772416

Ion	Ratio	Lower	Upper
69	100		
41	137.9	113.8	170.6
100	31.0	24.4	36.6

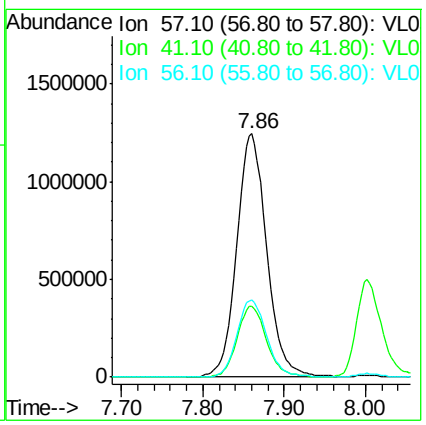


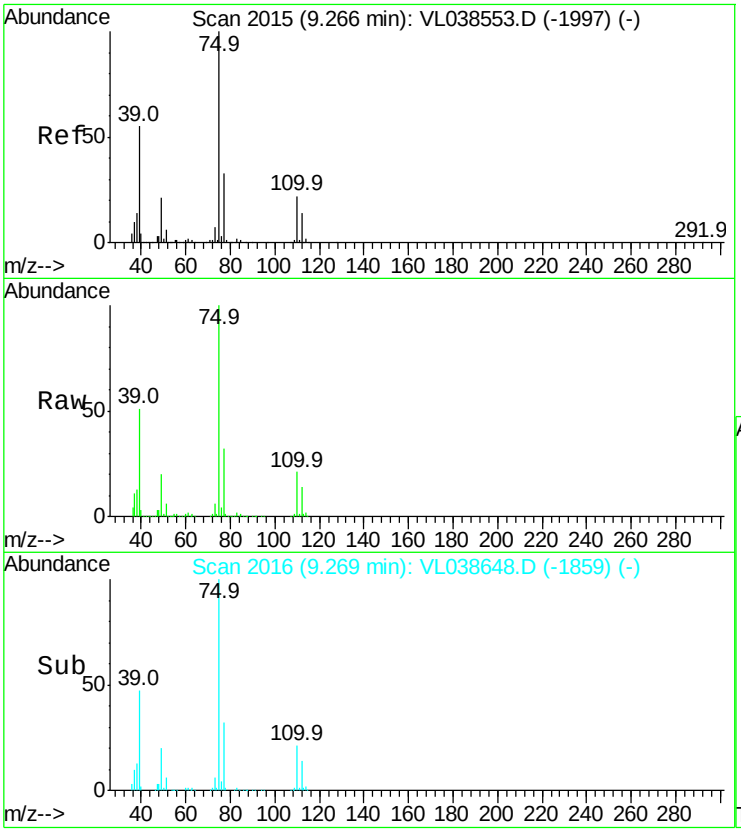


#44
2,2,4-Trimethylpentane
Concen: 8.24 ppbv
RT: 7.86 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VL038648.D
Acq: 21 Mar 2022 12:37

Tgt Ion: 57 Resp: 3160966

Ion	Ratio	Lower	Upper
57	100		
41	28.7	24.0	36.0
56	31.6	25.6	38.4



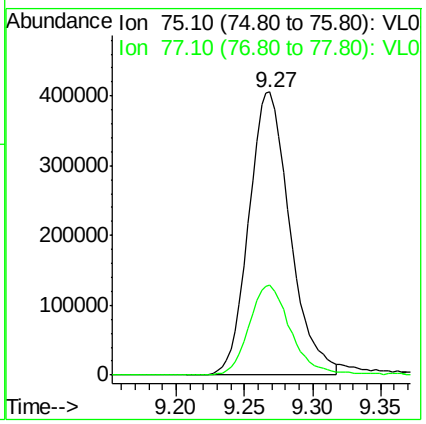


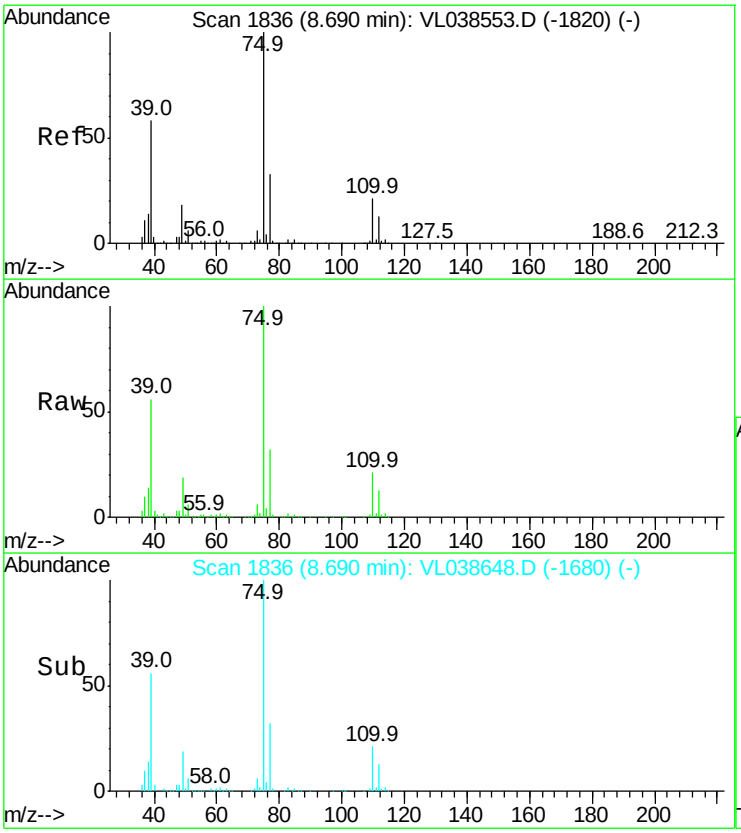
#45
t-1,3-Dichloropropene
Concen: 15.10 ppbv
RT: 9.27
Delta R.T
Lab File:
Acq: 21 Mar 2022 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 75 Resp: 847810

Ion	Ratio	Lower	Upper
75	100		
77	31.9	26.6	40.0

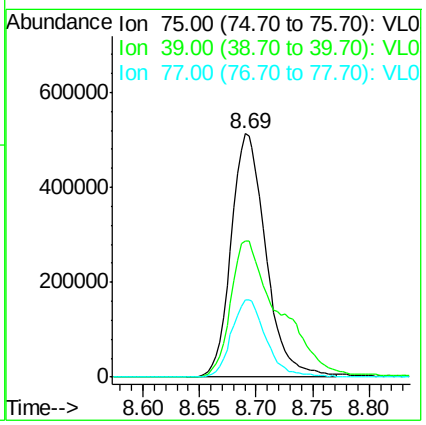


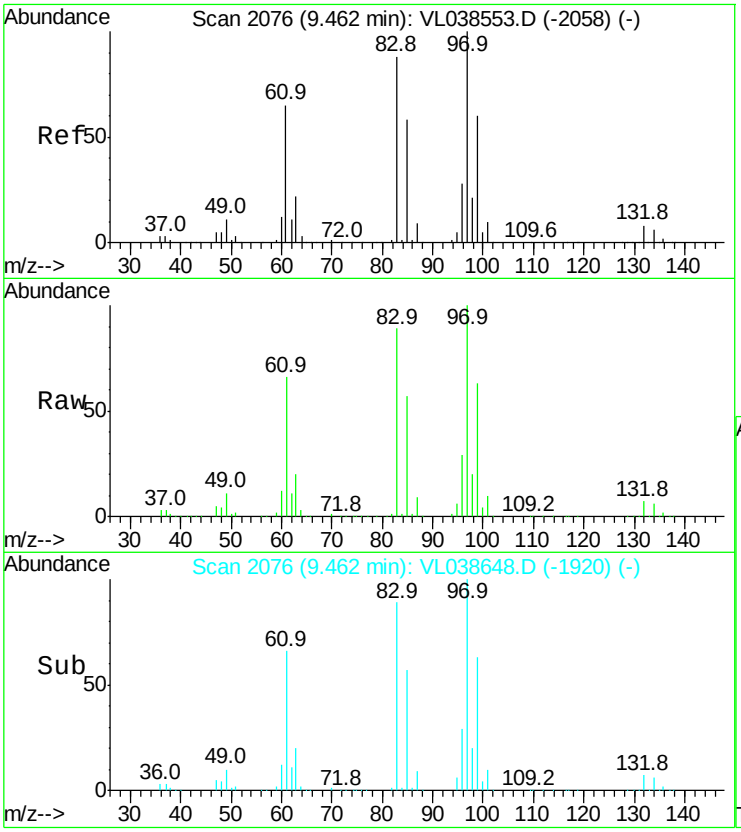


#46
cis-1,3-Dichloropropene
Concen: 14.27 ppbv
RT: 8.69 min Scan# 1836
Delta R.T. 0.00 min
Lab File: VL038648.D
Acq: 21 Mar 2022 12:37

Tgt Ion: 75 Resp: 1095621

Ion	Ratio	Lower	Upper
75	100		
39	56.0	46.2	69.2
77	31.7	26.2	39.2



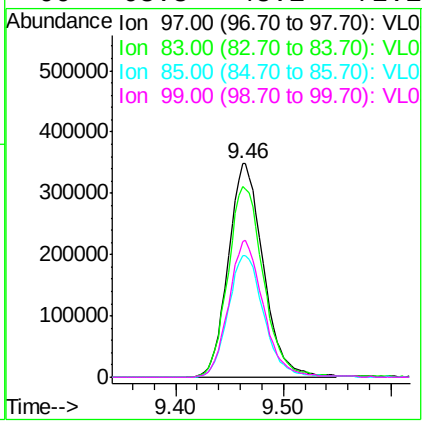


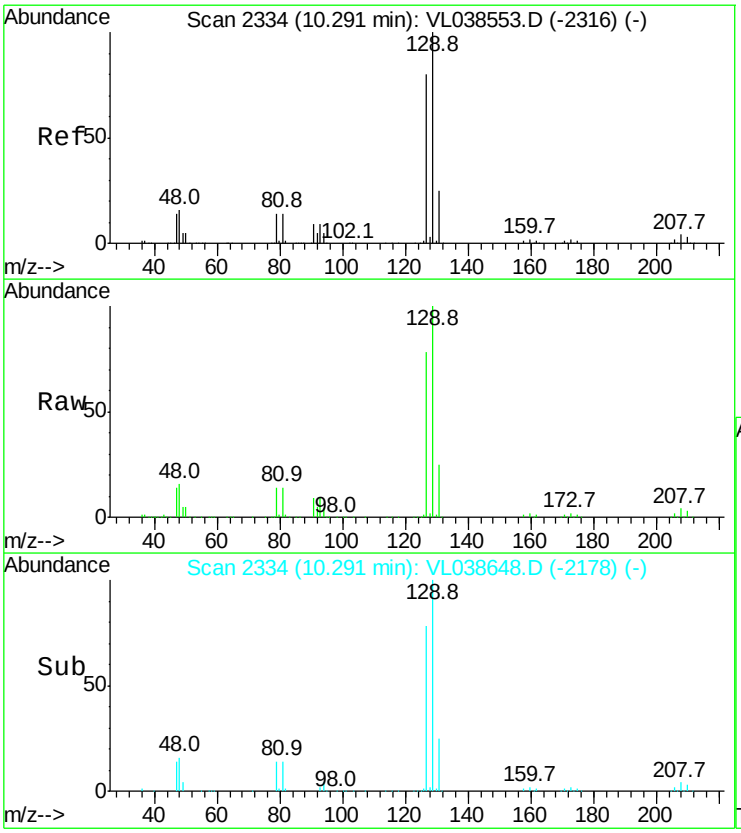
#47
1,1,2-Trichloroethane
Concen: 8.88 ppbv
RT: 9.46
Delta R.T
Lab File:
Acq: 21 Mar 2022 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 97 Resp: 789987

Ion	Ratio	Lower	Upper
97	100		
83	89.0	70.1	105.1
85	56.6	46.6	69.8
99	63.3	48.1	72.1

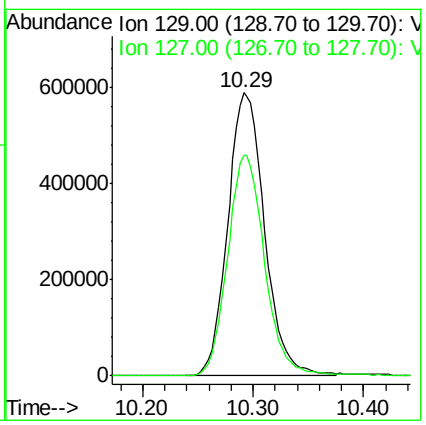


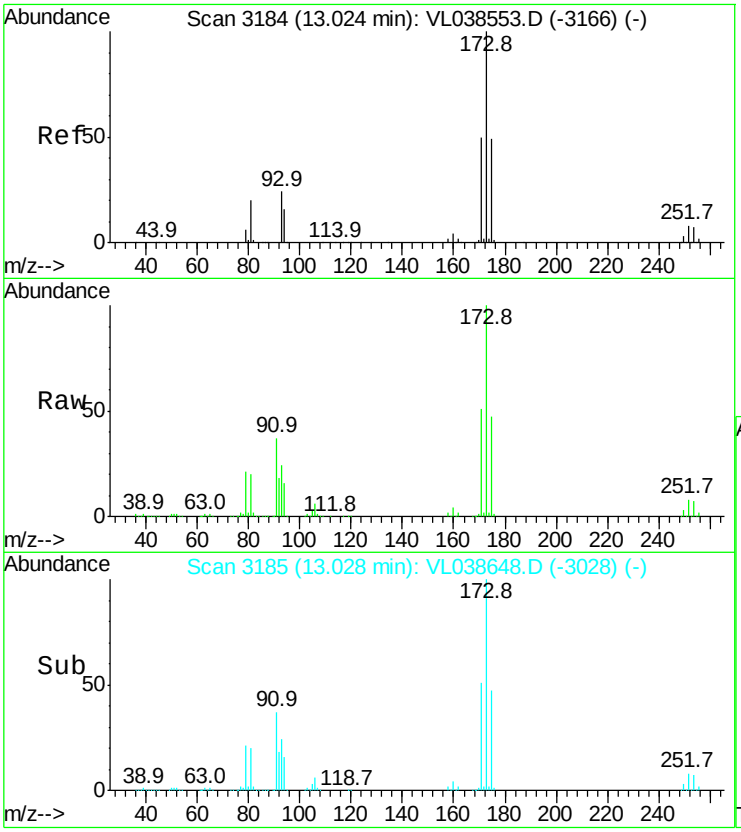


#48
Dibromochloromethane
Concen: 9.62 ppbv
RT: 10.29 min Scan# 2334
Delta R.T. 0.00 min
Lab File: VL038648.D
Acq: 21 Mar 2022 12:37

Tgt Ion:129 Resp: 1358728

Ion	Ratio	Lower	Upper
129	100		
127	79.0	39.5	118.3



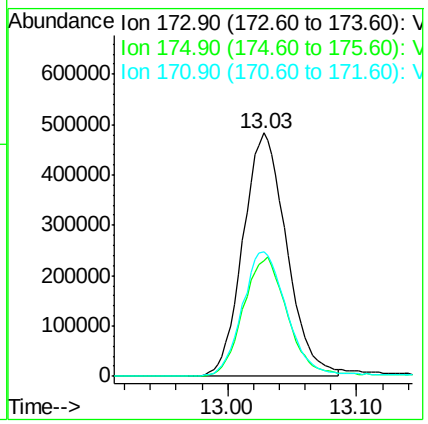


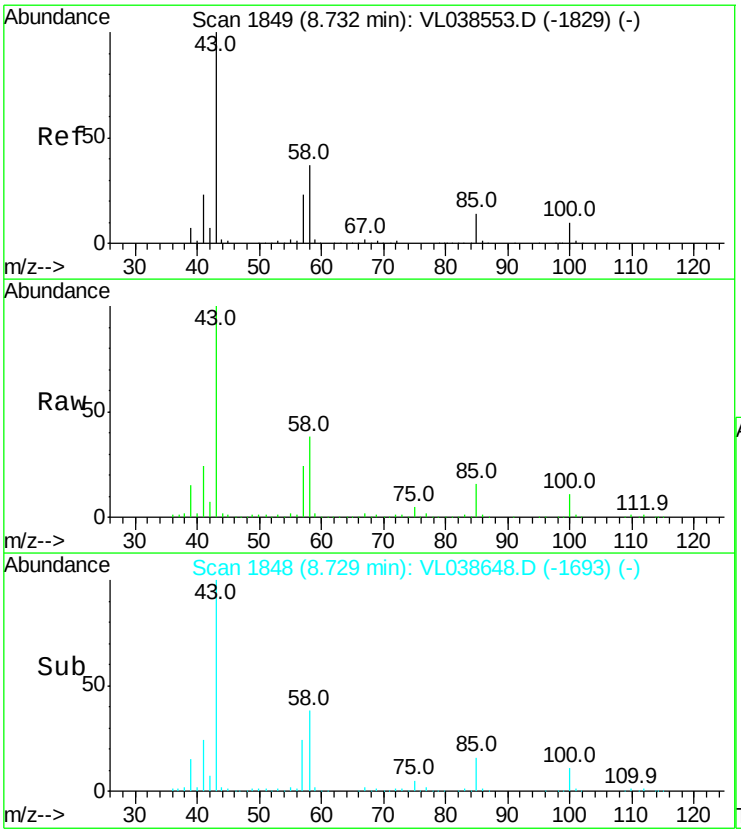
#49
Bromoform
Concen: 10.52 ppbv
RT: 13.03
Delta R.T
Lab File:
Acq: 21 Mar 2022 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:173 Resp: 1138580

Ion	Ratio	Lower	Upper
173	100		
175	51.3	40.7	61.1
171	53.9	42.9	64.3

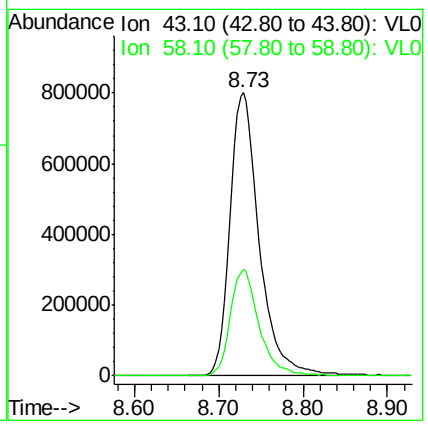


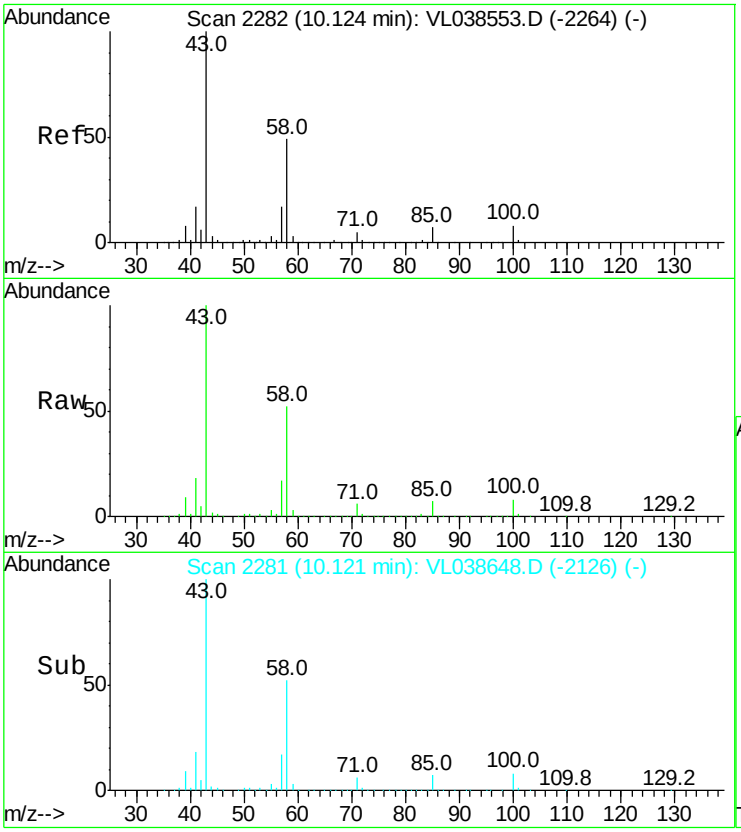


#50
4-Methyl-2-Pentanone
Concen: 14.45 ppbv
RT: 8.73 min Scan# 1848
Delta R.T. -0.00 min
Lab File: VL038648.D
Acq: 21 Mar 2022 12:37

Tgt Ion: 43 Resp: 1930710

Ion	Ratio	Lower	Upper
43	100		
58	37.4	29.2	43.8



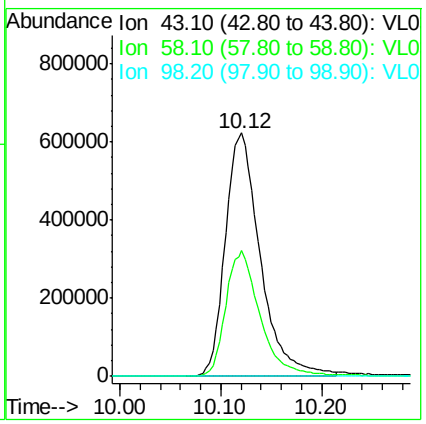


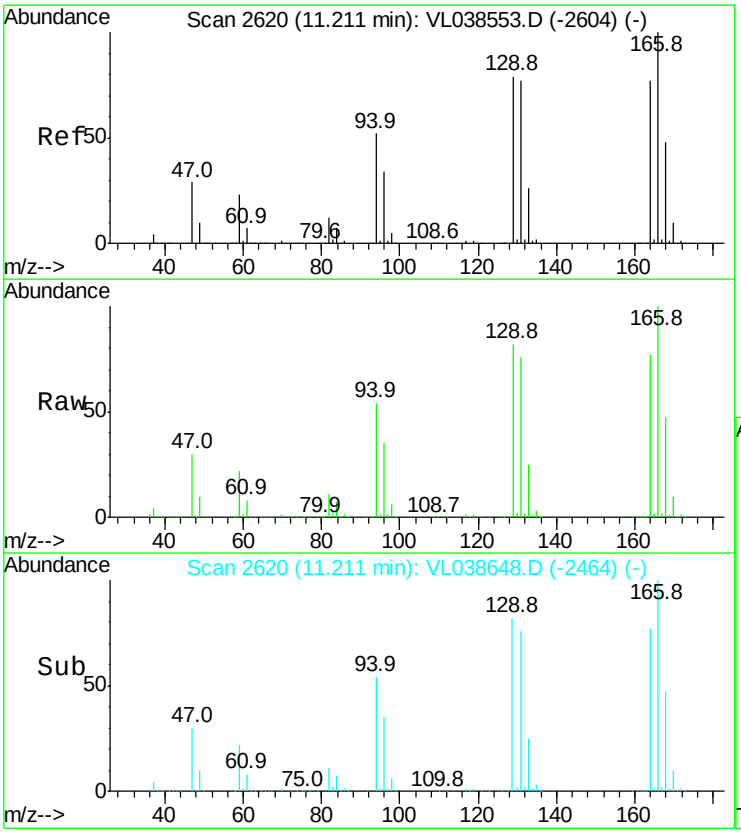
#51
2-Hexanone
Concen: 26.68 ppbv
RT: 10.12
Delta R.T
Lab File:
Acq: 21 Mar 2022 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 1506461

Ion	Ratio	Lower	Upper
43	100		
58	51.5	40.1	60.1
98	0.3	0.4	0.6#

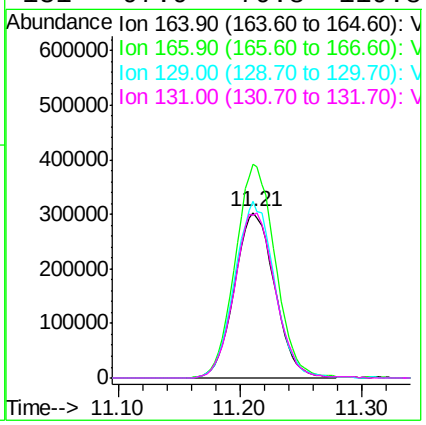


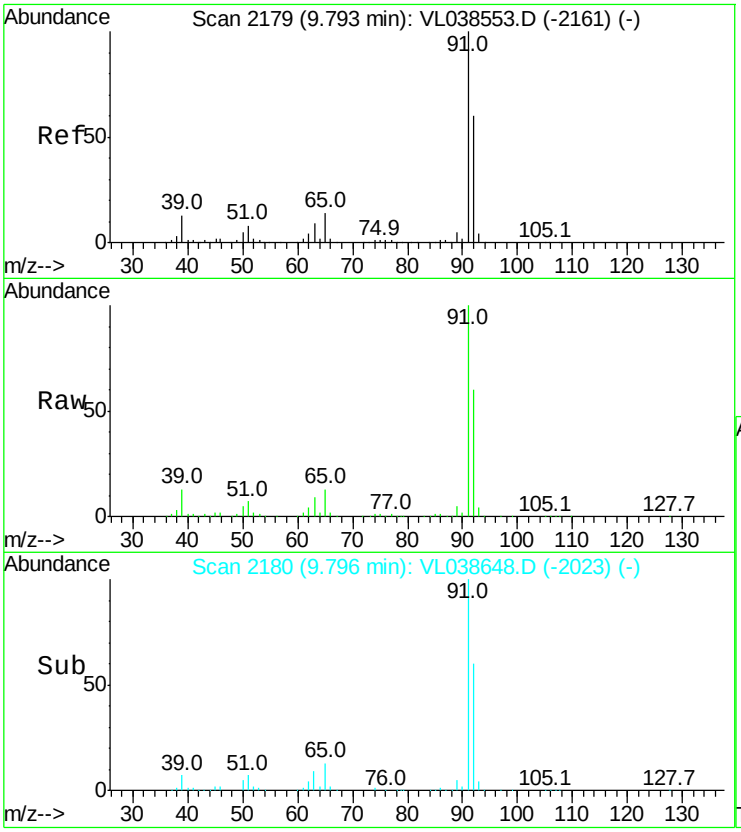


#52
Tetrachloroethene
Concen: 8.27 ppbv
RT: 11.21 min Scan# 2620
Delta R.T. 0.00 min
Lab File: VL038648.D
Acq: 21 Mar 2022 12:37

Tgt Ion:164 Resp: 688256

Ion	Ratio	Lower	Upper
164	100		
166	129.1	103.4	155.2
129	106.5	81.3	121.9
131	97.9	79.8	119.8



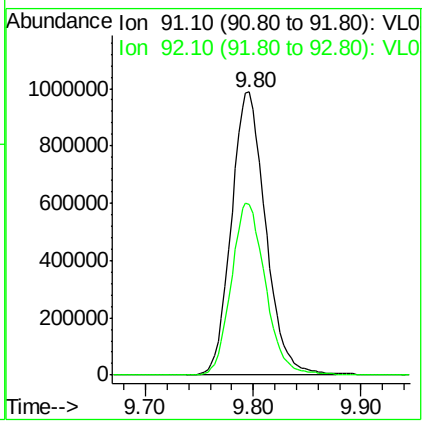


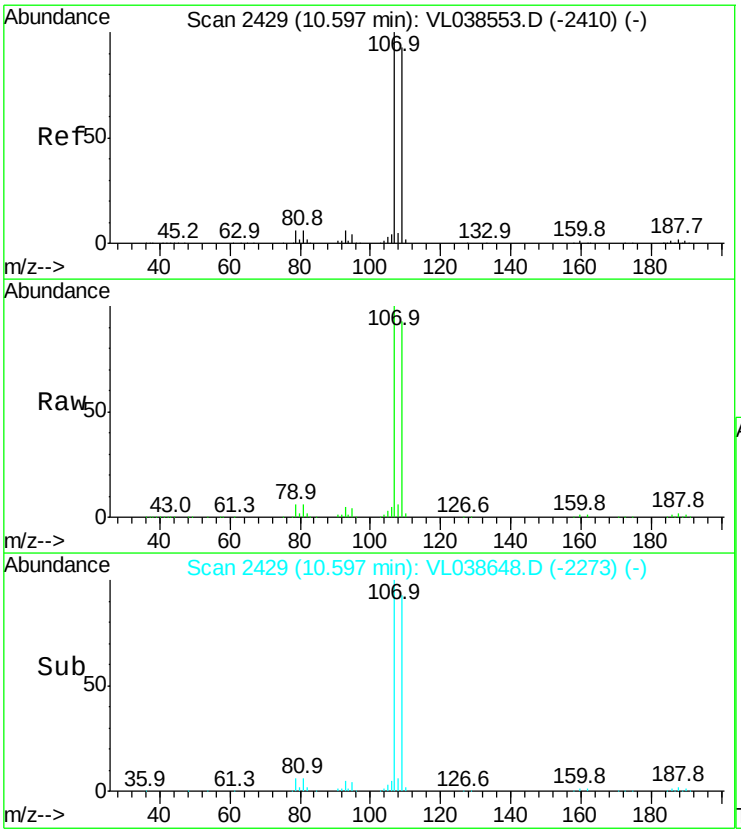
#53
Toluene
Concen: 9.01 ppbv
RT: 9.80
Delta R.T
Lab File:
Acq: 21 Mar 2022 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 2182672

Ion	Ratio	Lower	Upper
91	100		
92	60.9	48.1	72.1

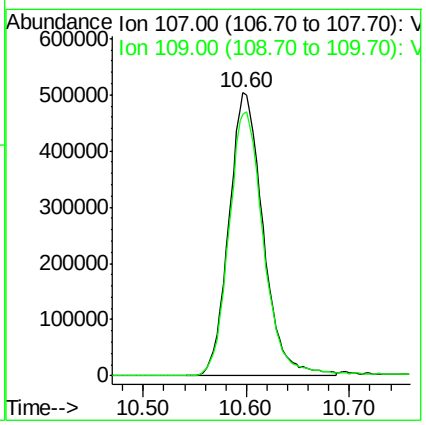


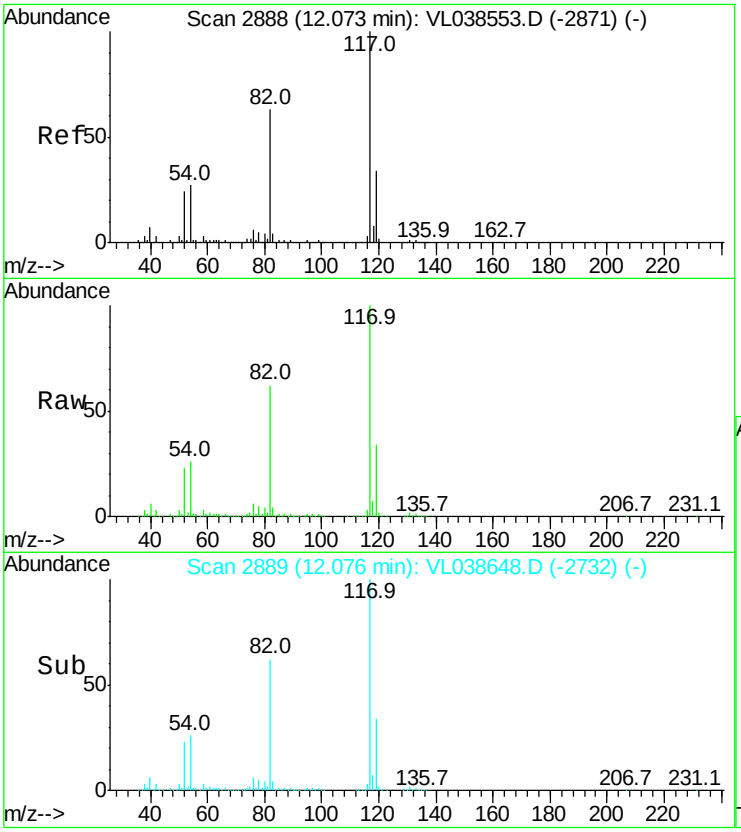


#54
1,2-Dibromoethane
Concen: 9.14 ppbv
RT: 10.60 min Scan# 2429
Delta R.T. 0.00 min
Lab File: VL038648.D
Acq: 21 Mar 2022 12:37

Tgt Ion:107 Resp: 1162189

Ion	Ratio	Lower	Upper
107	100		
109	92.6	74.6	112.0



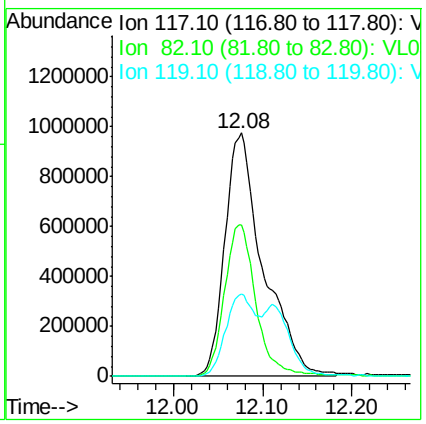


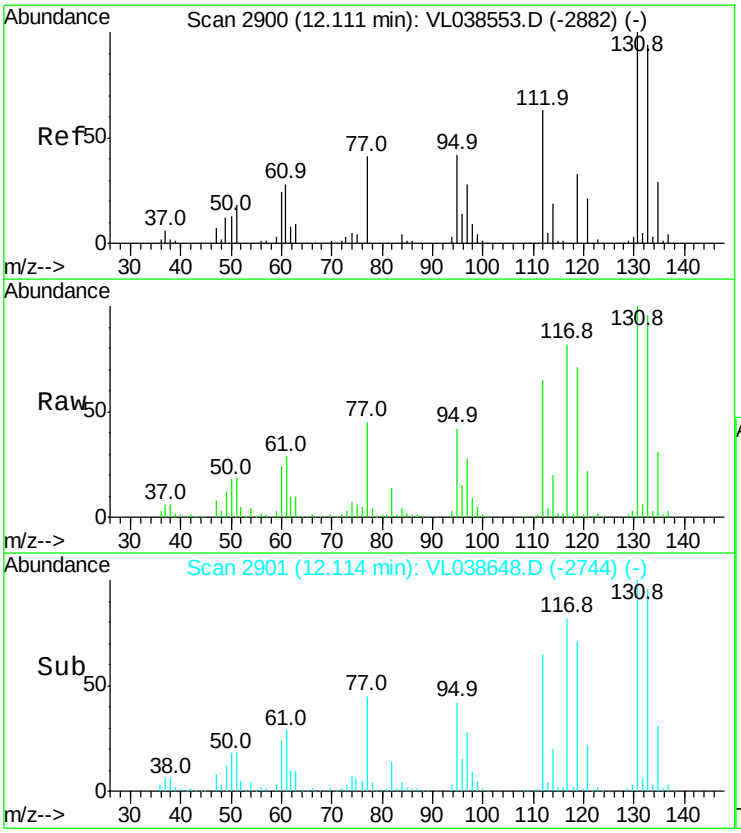
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.08
Delta R.T
Lab File:
Acq: 21 Mar 2022 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:117 Resp: 2912222

Ion	Ratio	Lower	Upper
117	100		
82	52.0	52.5	78.7#
119	27.1	46.4	69.6#

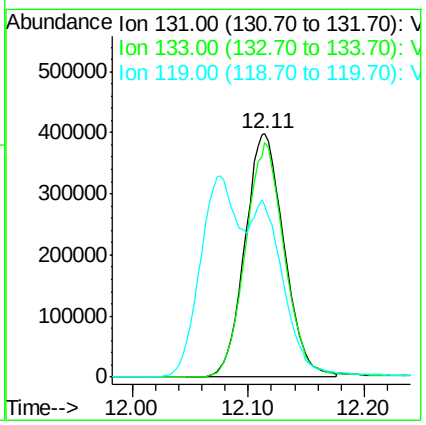


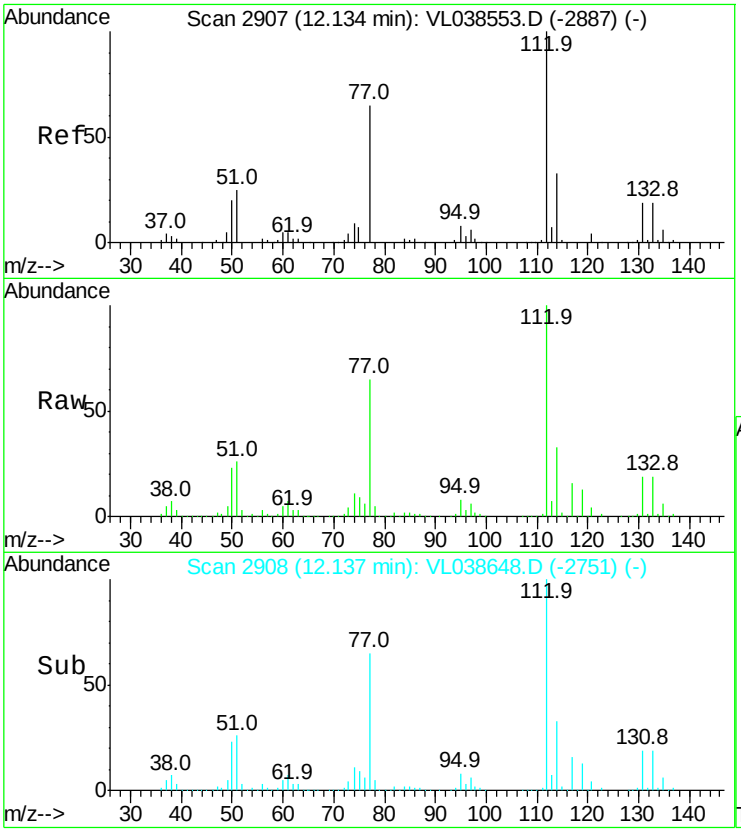


#56
1,1,1,2-Tetrachloroethane
Concen: 7.89 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. 0.00 min
Lab File: VL038648.D
Acq: 21 Mar 2022 12:37

Tgt Ion:131 Resp: 935557

Ion	Ratio	Lower	Upper
131	100		
133	96.6	78.0	117.0
119	66.3	53.1	79.7



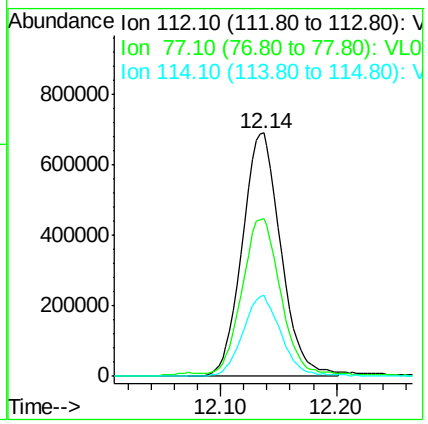


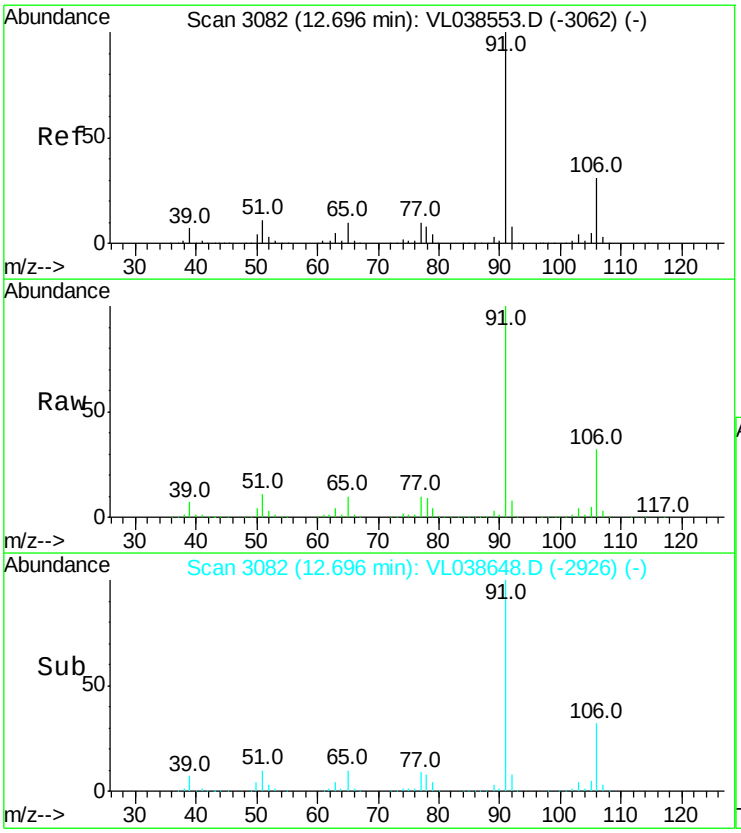
#57
Chlorobenzene
Concen: 7.21 ppbv
RT: 12.14
Delta R.T
Lab File:
Acq: 21 Mar 2022 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:112 Resp: 1603850

Ion	Ratio	Lower	Upper
112	100		
77	63.8	52.5	78.7
114	33.1	30.0	36.6

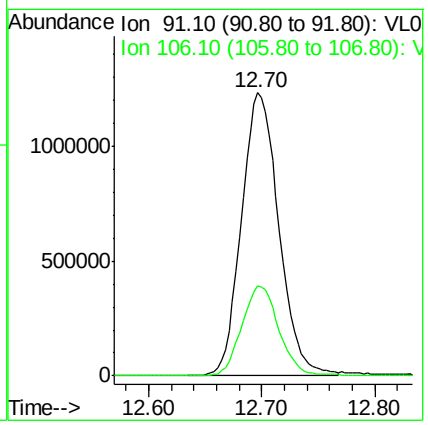


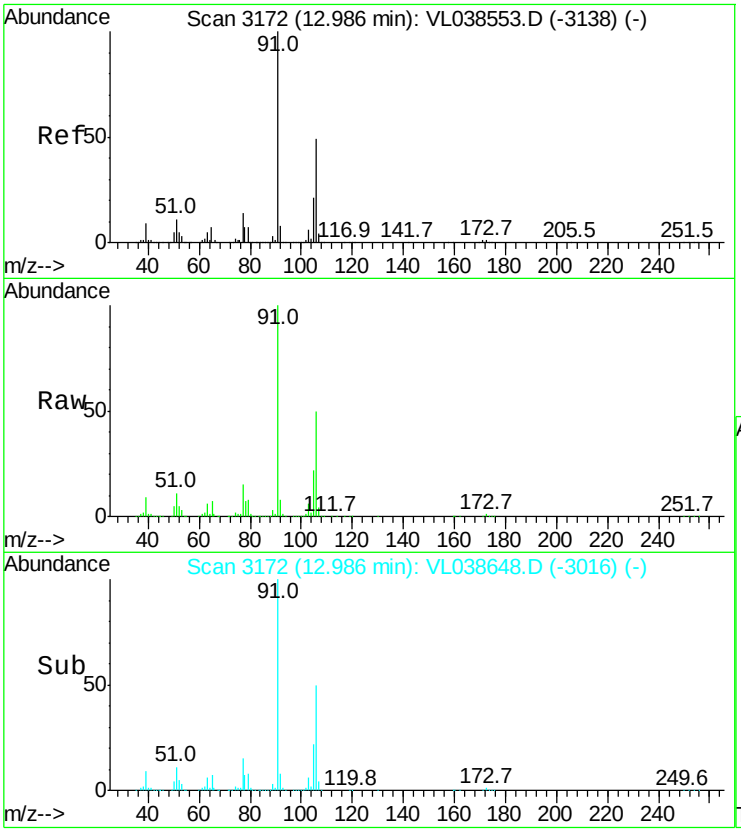


#58
Ethyl Benzene
Concen: 7.53 ppbv
RT: 12.70 min Scan# 3082
Delta R.T. 0.00 min
Lab File: VL038648.D
Acq: 21 Mar 2022 12:37

Tgt Ion: 91 Resp: 2838525

Ion	Ratio	Lower	Upper
91	100		
106	31.7	24.6	37.0



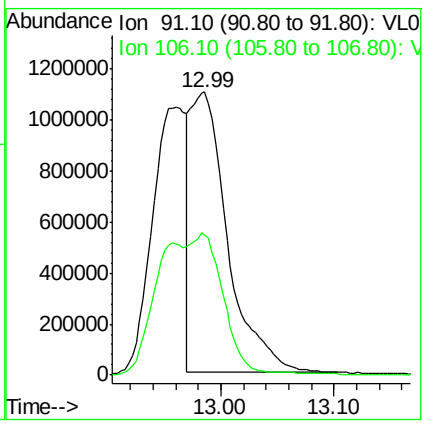


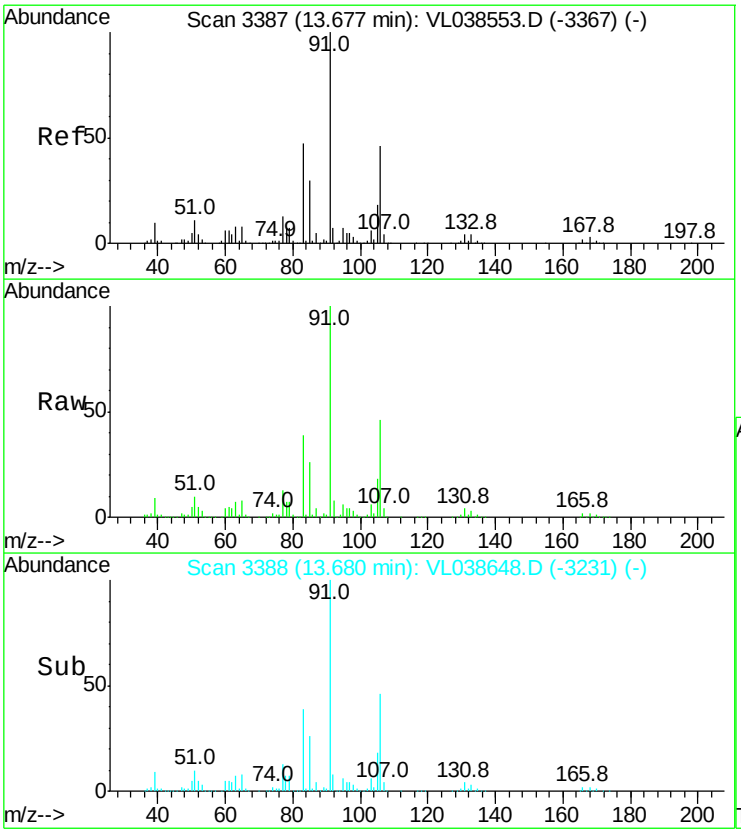
#59
m/p-Xylene
Concen: 7.73 ppbv
RT: 12.99
Delta R.T
Lab File:
Acq: 21 Mar 2022 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 2496374

Ion	Ratio	Lower	Upper
91	100		
106	89.1	37.1	55.7#

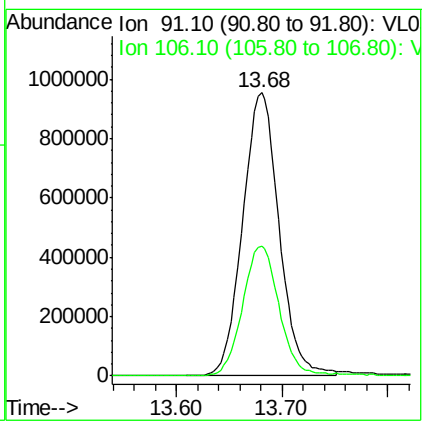


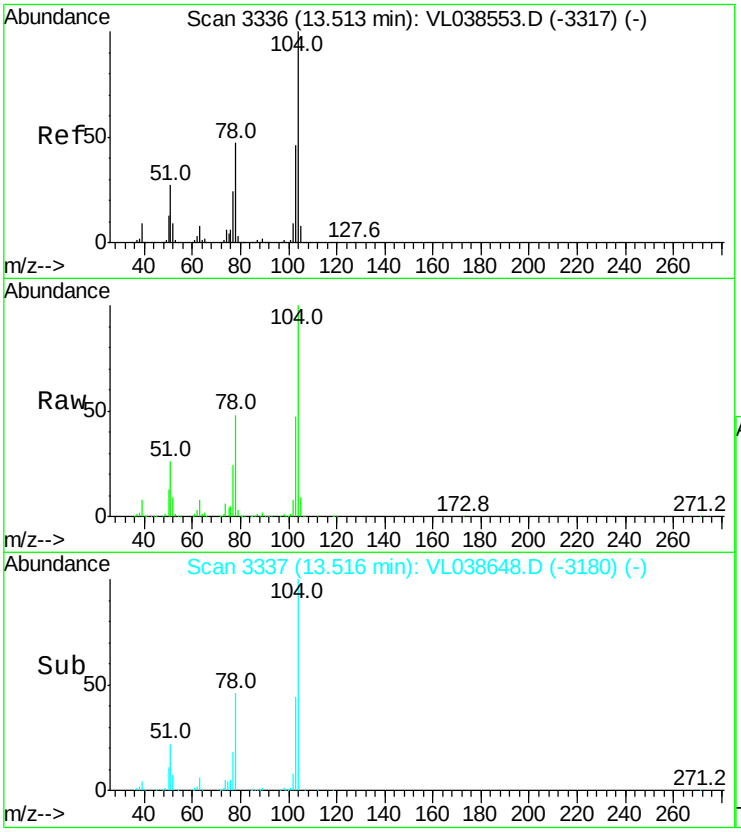


#60
o-Xylene
Concen: 7.52 ppbv
RT: 13.68 min Scan# 3388
Delta R.T. 0.00 min
Lab File: VL038648.D
Acq: 21 Mar 2022 12:37

Tgt Ion: 91 Resp: 2292229

Ion	Ratio	Lower	Upper
91	100		
106	47.0	23.5	70.6



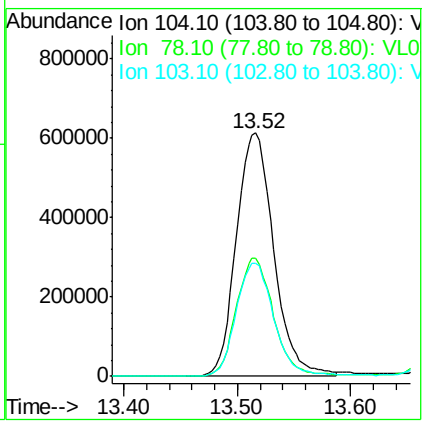


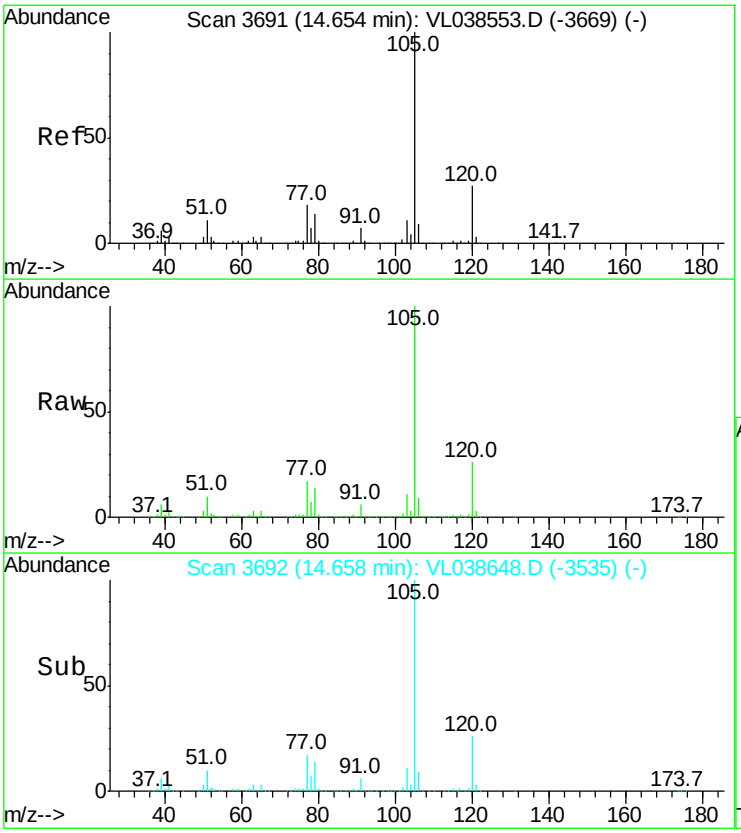
#61
Styrene
Concen: 9.42 ppbv
RT: 13.52
Delta R.T
Lab File:
Acq: 21 Mar 2022 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:104 Resp: 1415029

Ion	Ratio	Lower	Upper
104	100		
78	48.7	39.0	58.4
103	47.3	38.0	57.0

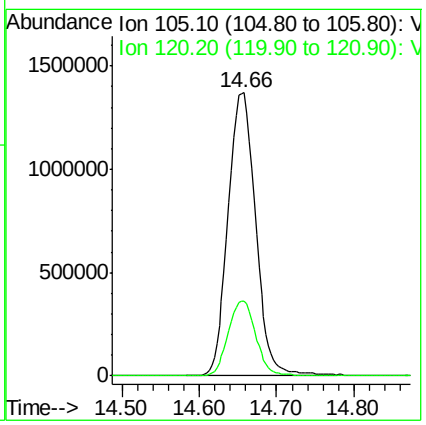


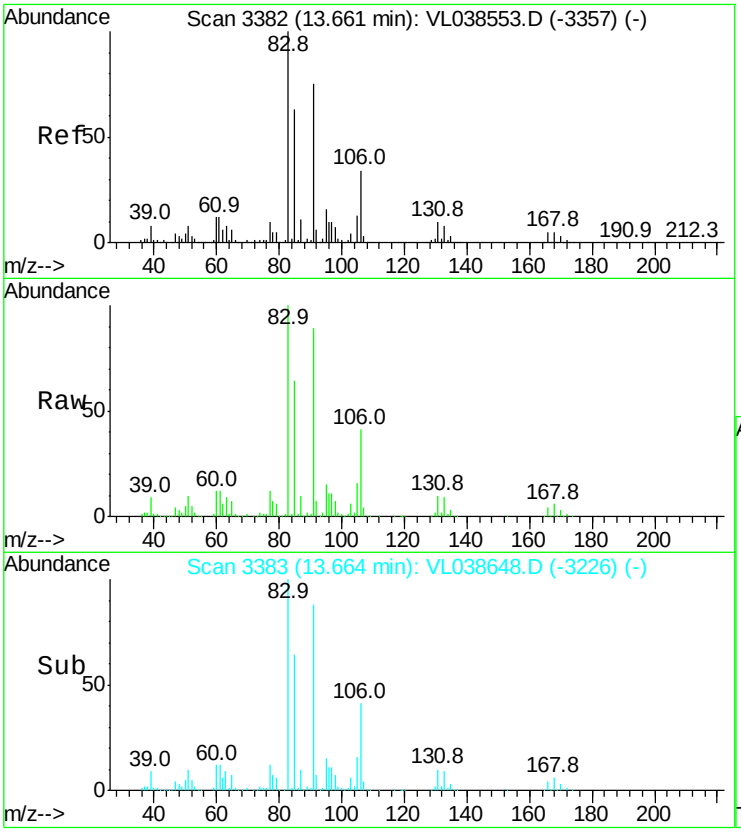


#62
Isopropylbenzene
Concen: 8.07 ppbv
RT: 14.66 min Scan# 3692
Delta R.T. 0.00 min
Lab File: VL038648.D
Acq: 21 Mar 2022 12:37

Tgt Ion:105 Resp: 3395475

Ion	Ratio	Lower	Upper
105	100		
120	26.5	21.2	31.8



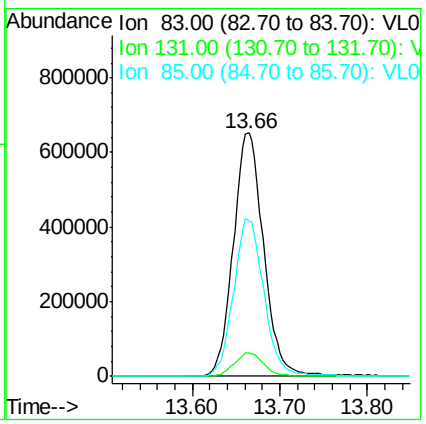


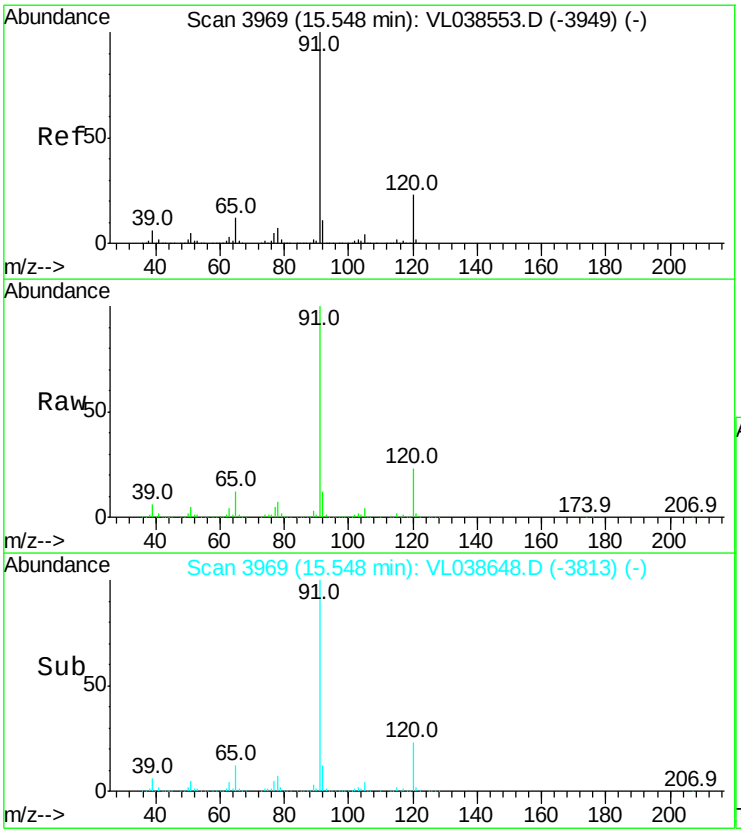
#63
1,1,2,2-Tetrachloroethane
Concen: 6.08 ppbv
RT: 13.66
Delta R.T
Lab File:
Acq: 21 Mar 2022 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 83 Resp: 1567008

Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.7	14.1
85	65.2	32.6	98.0

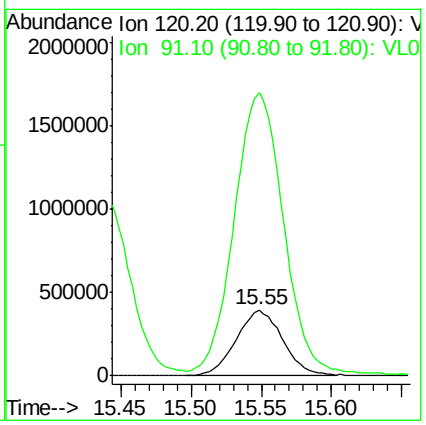


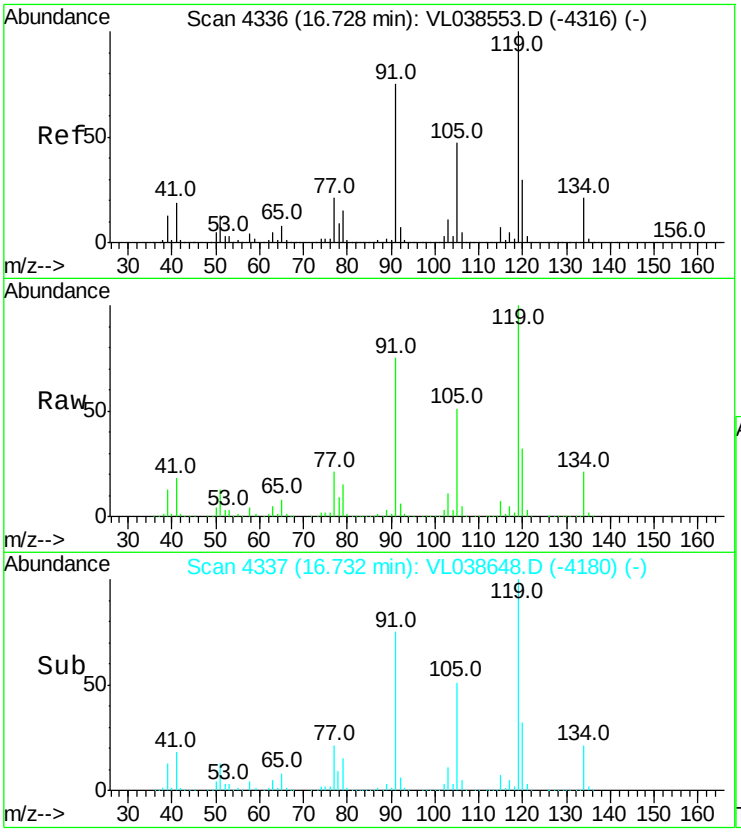


#64
n-propylbenzene
Concen: 8.53 ppbv
RT: 15.55 min Scan# 3969
Delta R.T. 0.00 min
Lab File: VL038648.D
Acq: 21 Mar 2022 12:37

Tgt Ion:120 Resp: 914616

Ion	Ratio	Lower	Upper
120	100		
91	460.0	374.2	561.2



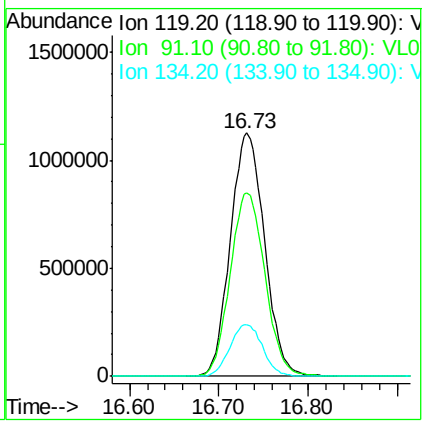


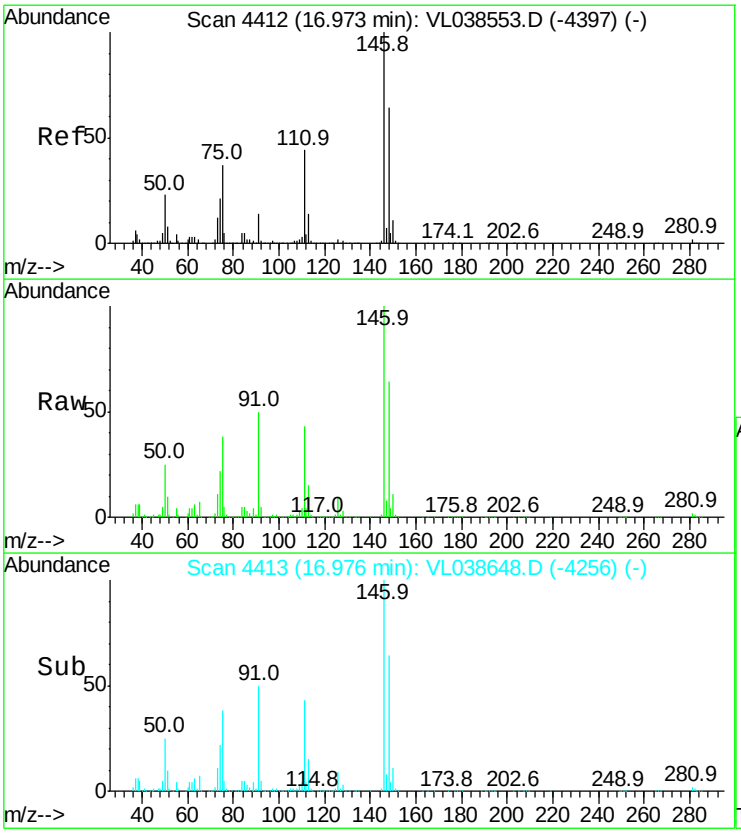
#65
tert-Butylbenzene
Concen: 7.98 ppbv
RT: 16.73
Delta R.T
Lab File:
Acq: 21 Mar 2022 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:119 Resp: 3003132

Ion	Ratio	Lower	Upper
119	100		
91	76.5	61.2	91.8
134	20.4	16.2	24.2

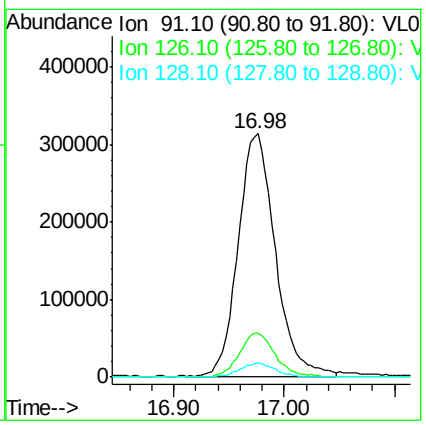


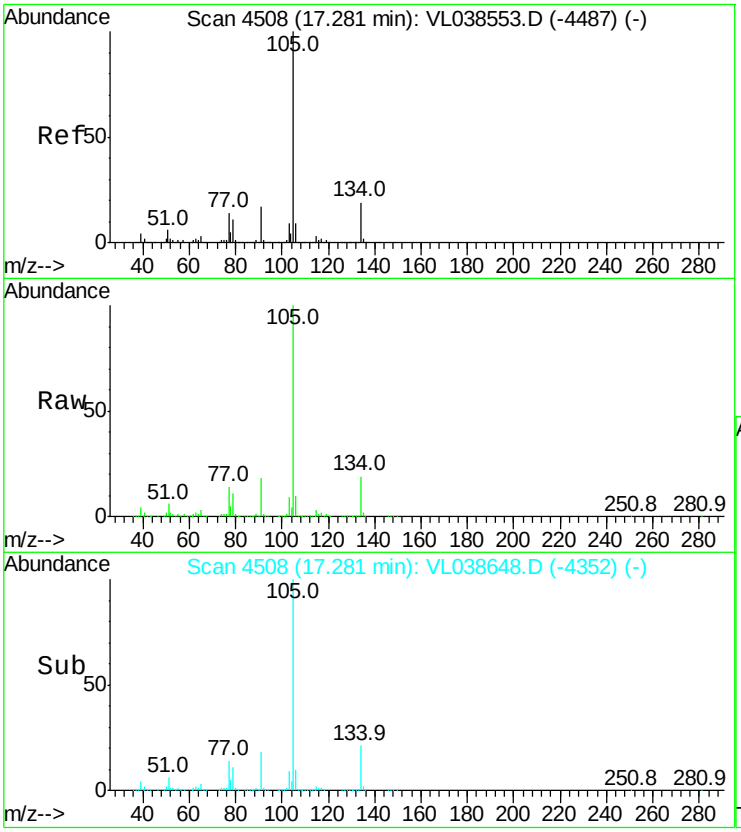


#66
Benzyl Chloride
Concen: 32.66 ppbv
RT: 16.98 min Scan# 4413
Delta R.T. 0.00 min
Lab File: VL038648.D
Acq: 21 Mar 2022 12:37

Tgt Ion: 91 Resp: 727846

Ion	Ratio	Lower	Upper
91	100		
126	17.9	14.1	21.1
128	5.7	5.1	7.7



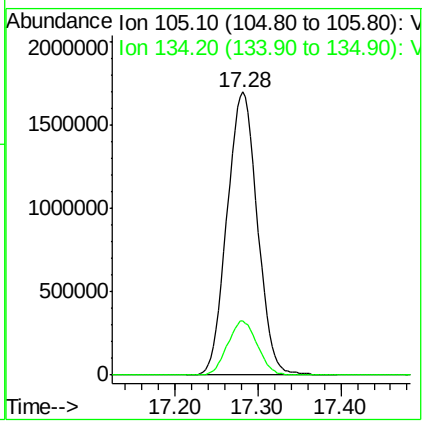


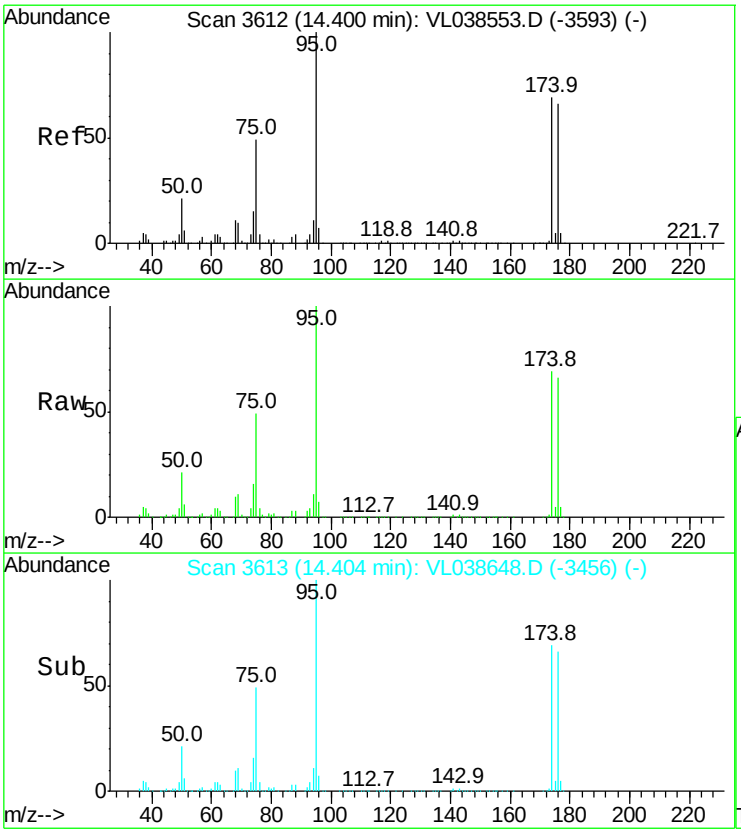
#67
sec-Butylbenzene
Concen: 8.09 ppbv
RT: 17.28
Delta R.T
Lab File:
Acq: 21 Mar 2022 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:105 Resp: 4325849

Ion	Ratio	Lower	Upper
105	100		
134	18.9	15.0	22.6

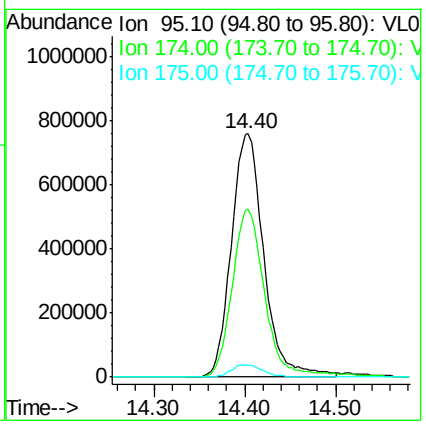


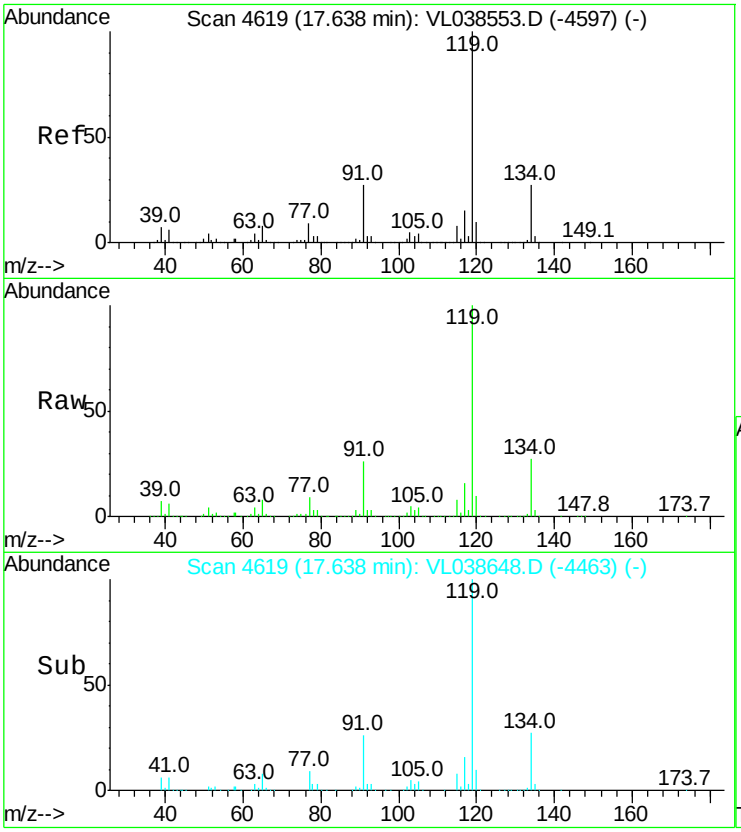


#68
1-Bromo-4-Fluorobenzene
Concen: 8.49 ppbv
RT: 14.40 min Scan# 3613
Delta R.T. 0.00 min
Lab File: VL038648.D
Acq: 21 Mar 2022 12:37

Tgt Ion: 95 Resp: 1878967

Ion	Ratio	Lower	Upper
95	100		
174	70.1	56.2	84.4
175	5.2	4.2	6.2



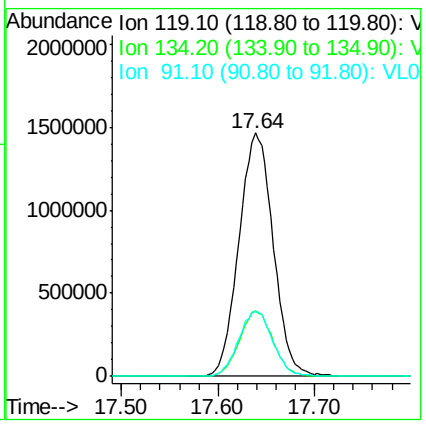


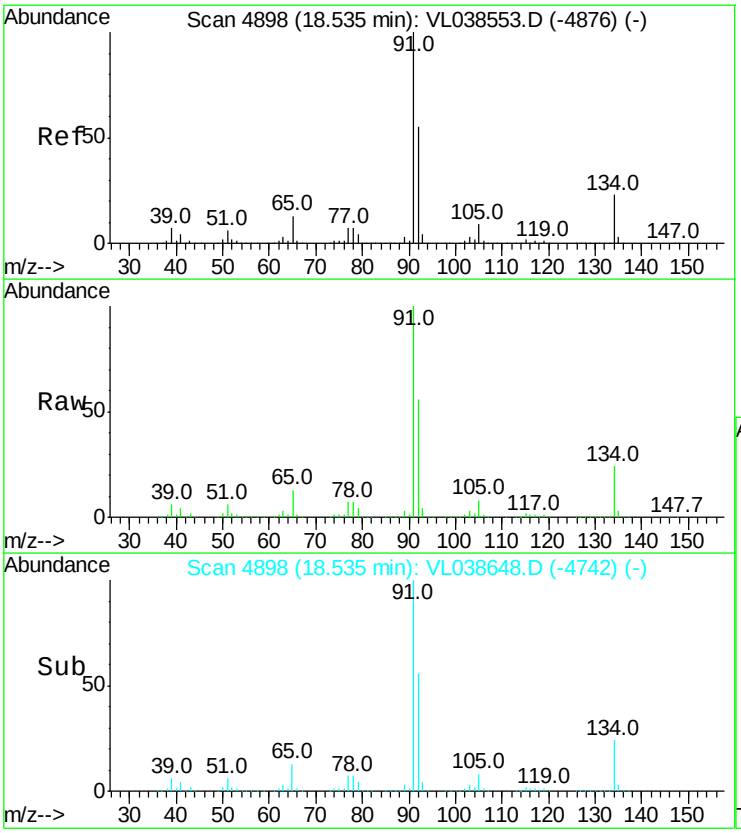
#69
p-Isopropyltoluene
Concen: 8.13 ppbv
RT: 17.64
Delta R.T
Lab File:
Acq: 21 Mar 2022 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:119 Resp: 3601771

Ion	Ratio	Lower	Upper
119	100		
134	26.5	20.9	31.3
91	26.8	21.1	31.7

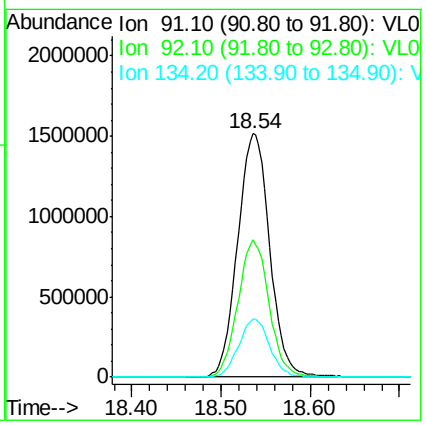


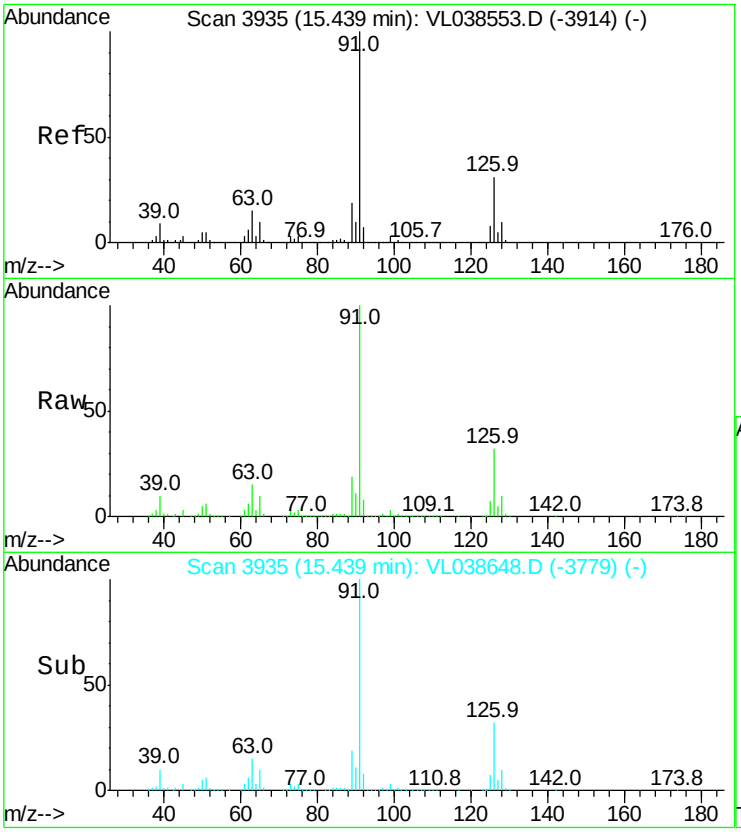


#70
n-Butylbenzene
Concen: 8.03 ppbv
RT: 18.54 min Scan# 4898
Delta R.T. 0.00 min
Lab File: VL038648.D
Acq: 21 Mar 2022 12:37

Tgt Ion: 91 Resp: 3785017

Ion	Ratio	Lower	Upper
91	100		
92	54.9	43.8	65.8
134	23.4	18.7	28.1



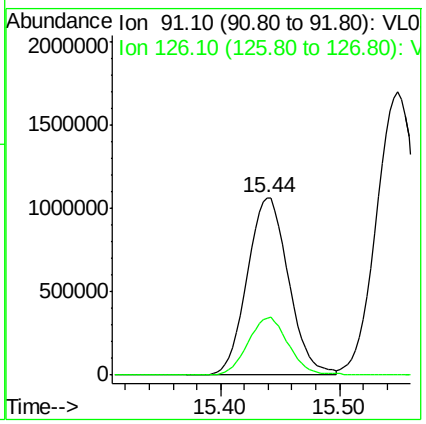


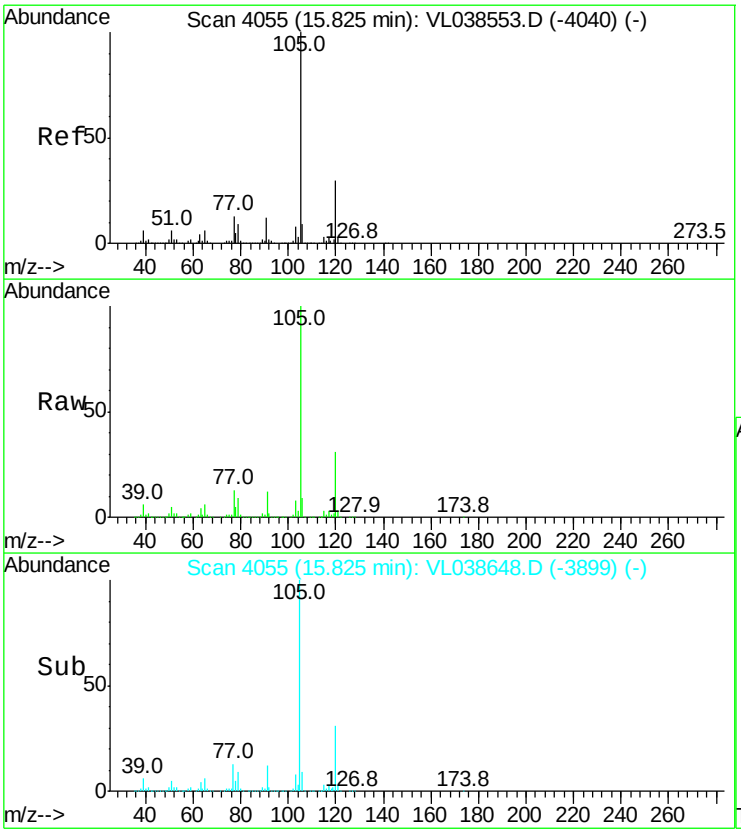
#71
2-Chlorotoluene
Concen: 8.19 ppbv
RT: 15.44
Delta R.T
Lab File:
Acq: 21 Mar 2022 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 2558030

Ion	Ratio	Lower	Upper
91	100		
126	32.7	12.9	51.7

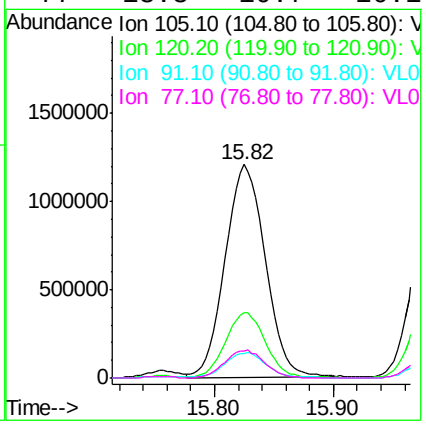


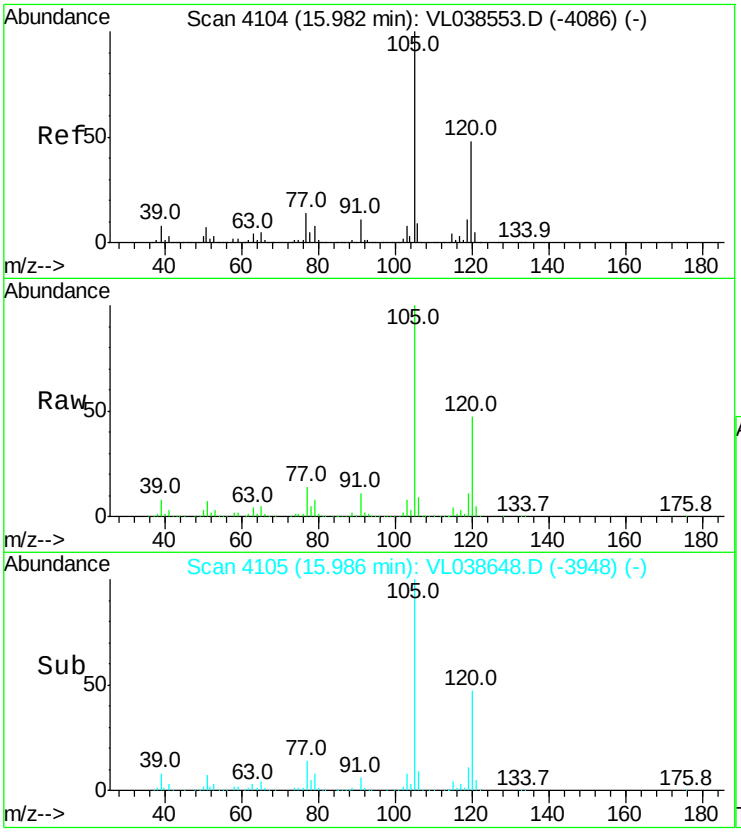


#72
4-Ethyltoluene
Concen: 8.01 ppbv
RT: 15.82 min Scan# 4055
Delta R.T. 0.00 min
Lab File: VL038648.D
Acq: 21 Mar 2022 12:37

Tgt Ion:105 Resp: 2803265

Ion	Ratio	Lower	Upper
105	100		
120	31.1	25.0	37.4
91	12.2	9.8	14.6
77	13.3	10.7	16.1



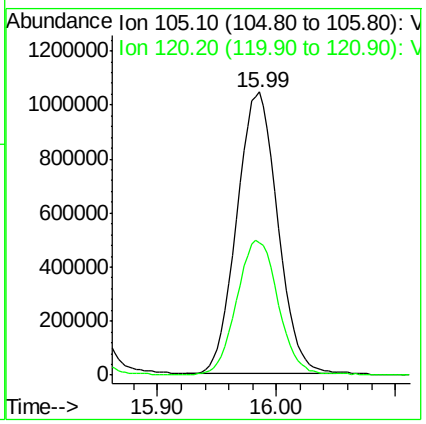


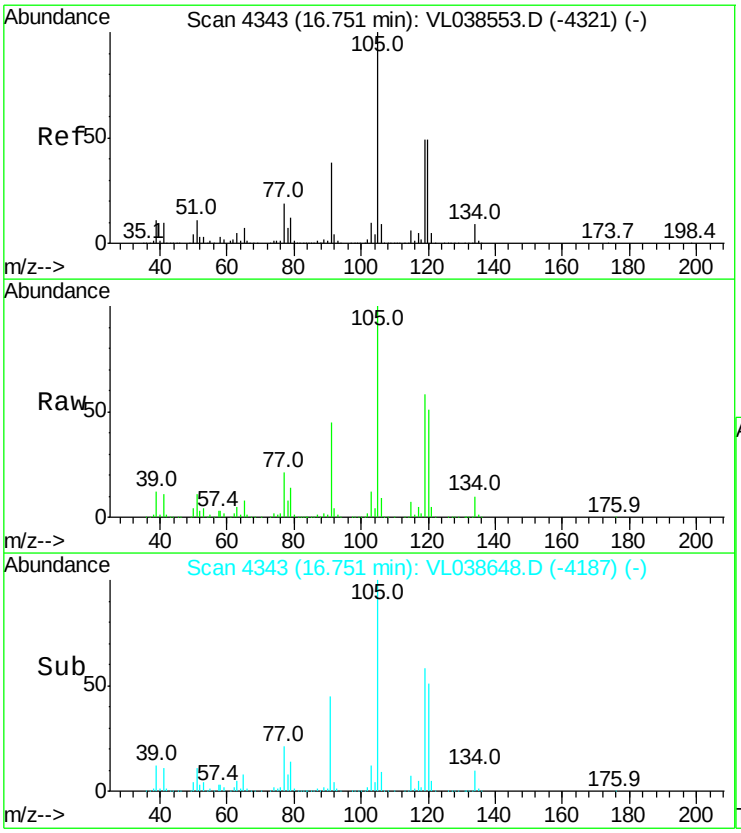
#73
1,3,5-Trimethylbenzene
Concen: 7.62 ppbv
RT: 15.99
Delta R.T
Lab File:
Acq: 21 Mar 2022 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:105 Resp: 2476735

Ion	Ratio	Lower	Upper
105	100		
120	47.0	38.3	57.5

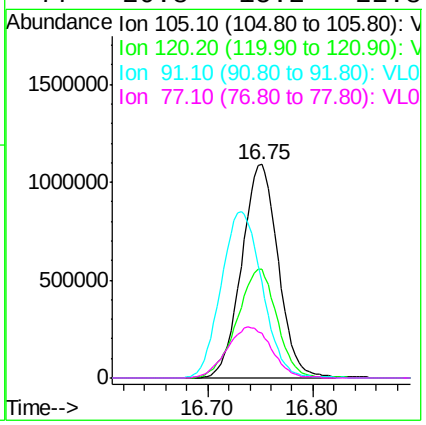


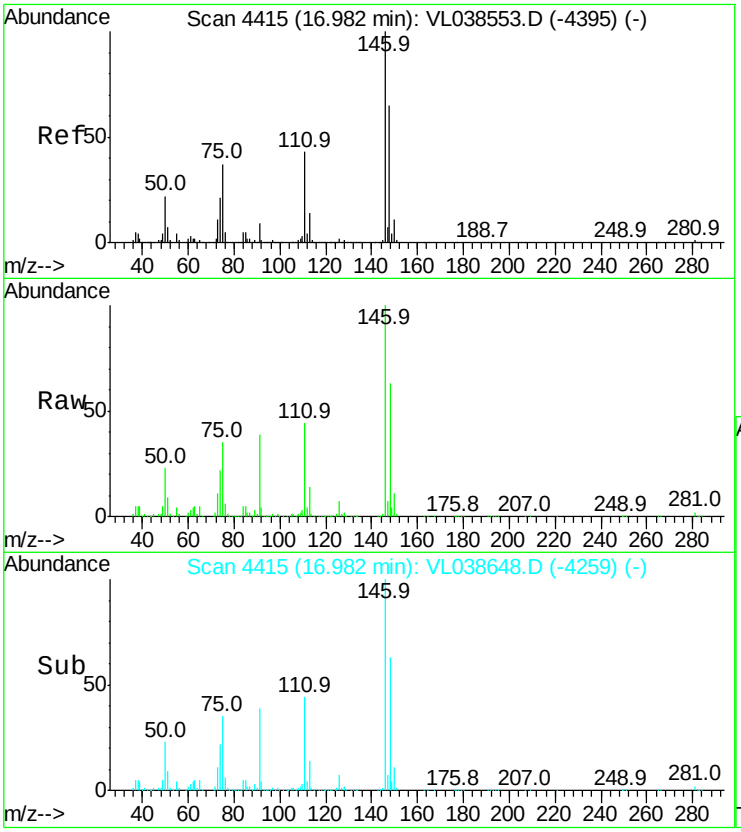


#74
1,2,4-Trimethylbenzene
Concen: 7.57 ppbv
RT: 16.75 min Scan# 4343
Delta R.T. 0.00 min
Lab File: VL038648.D
Acq: 21 Mar 2022 12:37

Tgt Ion:105 Resp: 2629462

Ion	Ratio	Lower	Upper
105	100		
120	50.6	38.9	58.3
91	44.9	30.6	46.0
77	20.8	15.2	22.8



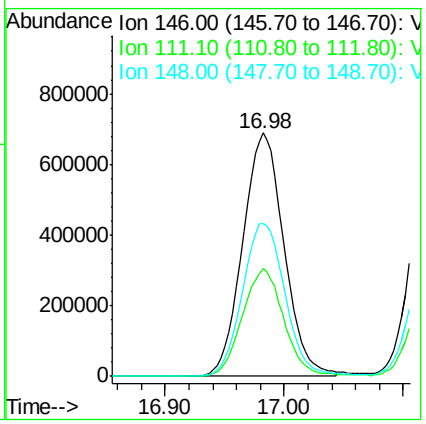


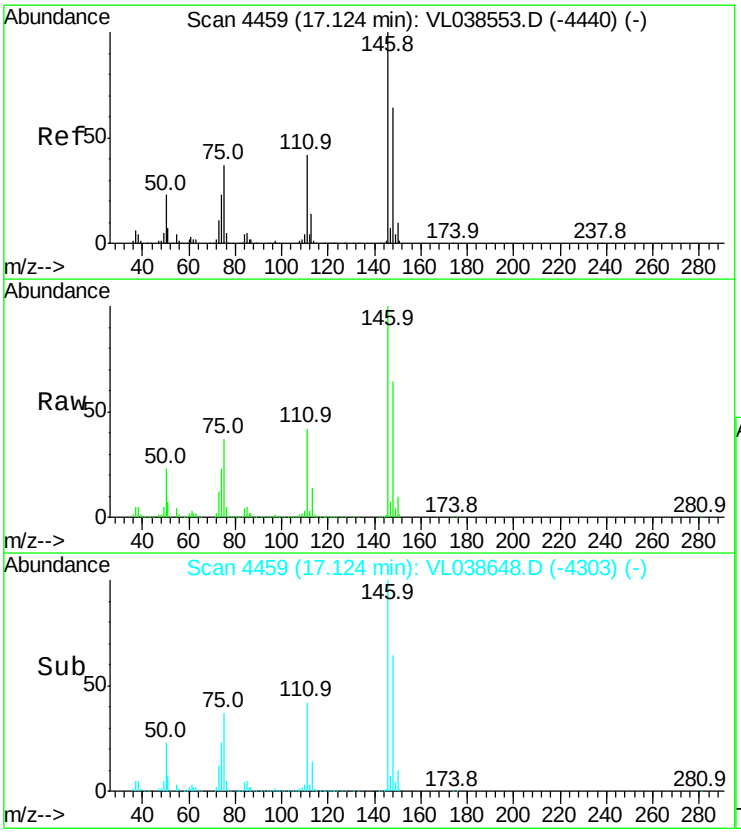
#75
1,3-Dichlorobenzene
Concen: 7.55 ppbv
RT: 16.98
Delta R.T
Lab File:
Acq: 21 Mar 2022 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:146 Resp: 1654553

Ion	Ratio	Lower	Upper
146	100		
111	44.4	21.9	65.8
148	65.0	32.2	96.6

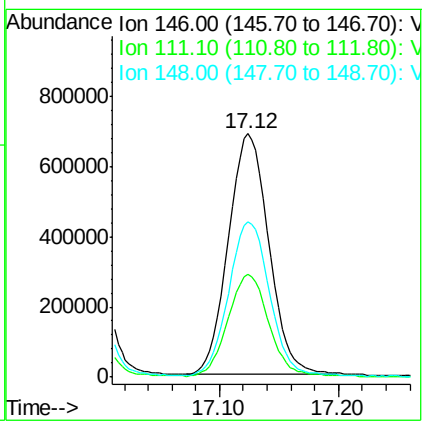


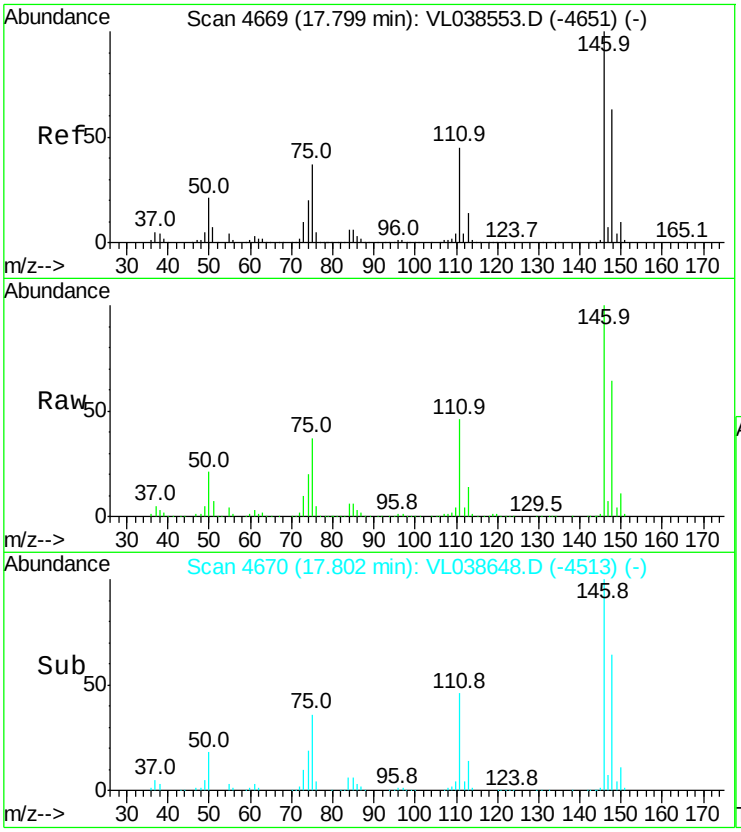


#76
1,4-Dichlorobenzene
Concen: 7.45 ppbv
RT: 17.12 min Scan# 4459
Delta R.T. 0.00 min
Lab File: VL038648.D
Acq: 21 Mar 2022 12:37

Tgt Ion:146 Resp: 1615847

Ion	Ratio	Lower	Upper
146	100		
111	44.5	21.8	65.3
148	66.7	32.8	98.4



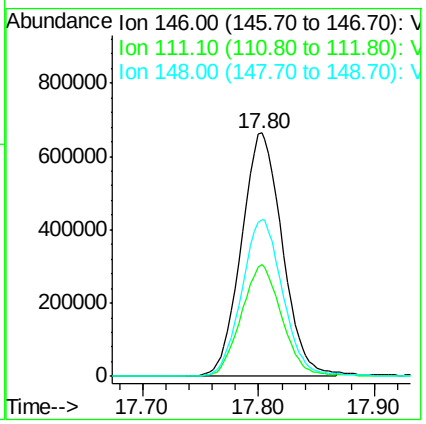


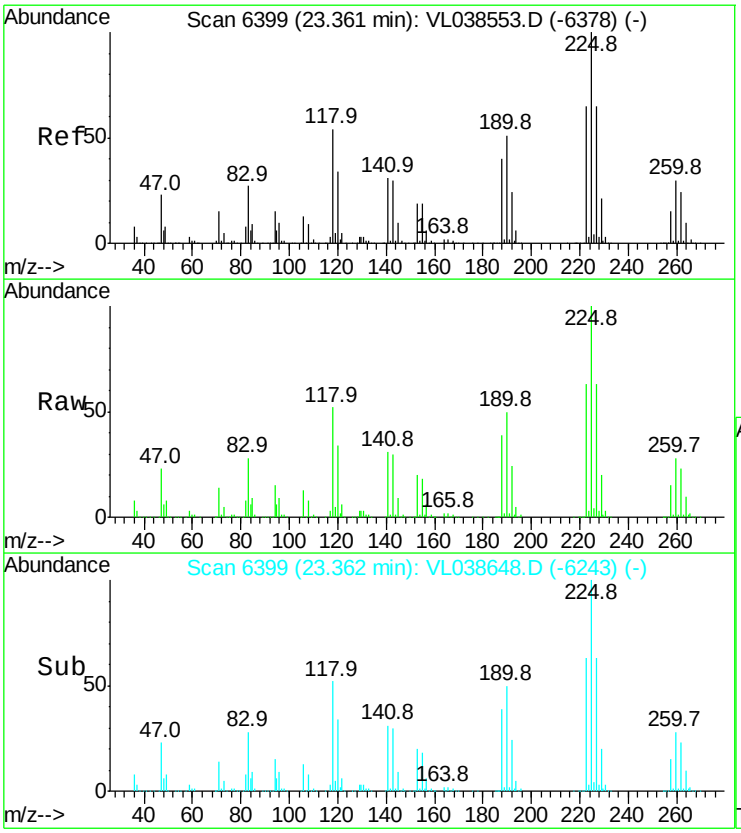
#77
1,2-Dichlorobenzene
Concen: 7.35 ppbv
RT: 17.80
Delta R.T
Lab File:
Acq: 21 Mar 2022 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:146 Resp: 1629293

Ion	Ratio	Lower	Upper
146	100		
111	45.6	23.2	69.5
148	64.9	32.6	98.0

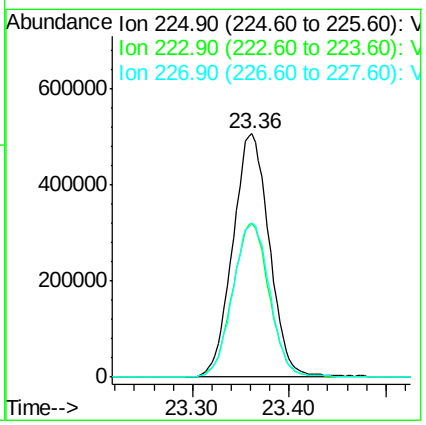


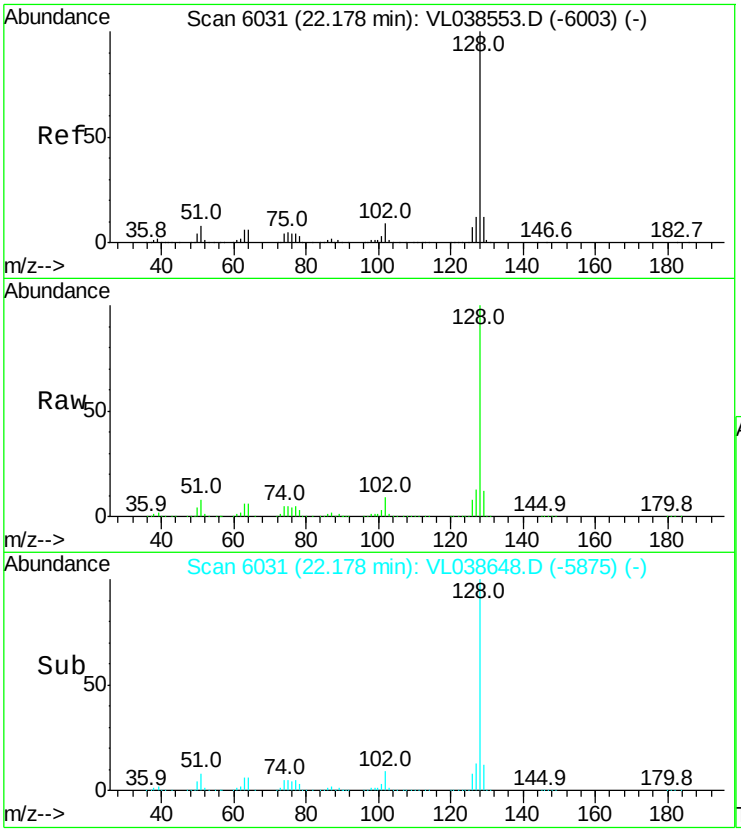


#78
Hexachloro-1,3-Butadiene
Concen: 6.14 ppbv
RT: 23.36 min Scan# 6399
Delta R.T. 0.00 min
Lab File: VL038648.D
Acq: 21 Mar 2022 12:37

Tgt Ion:225 Resp: 1326342

Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.4	77.0
227	64.4	51.9	77.9



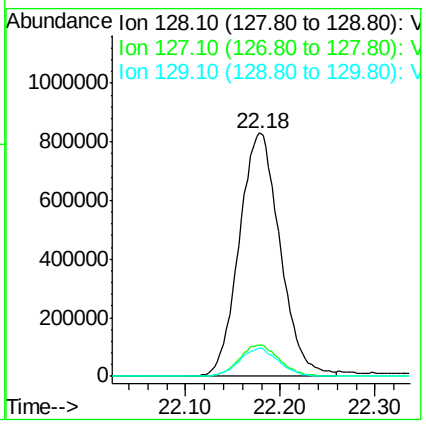


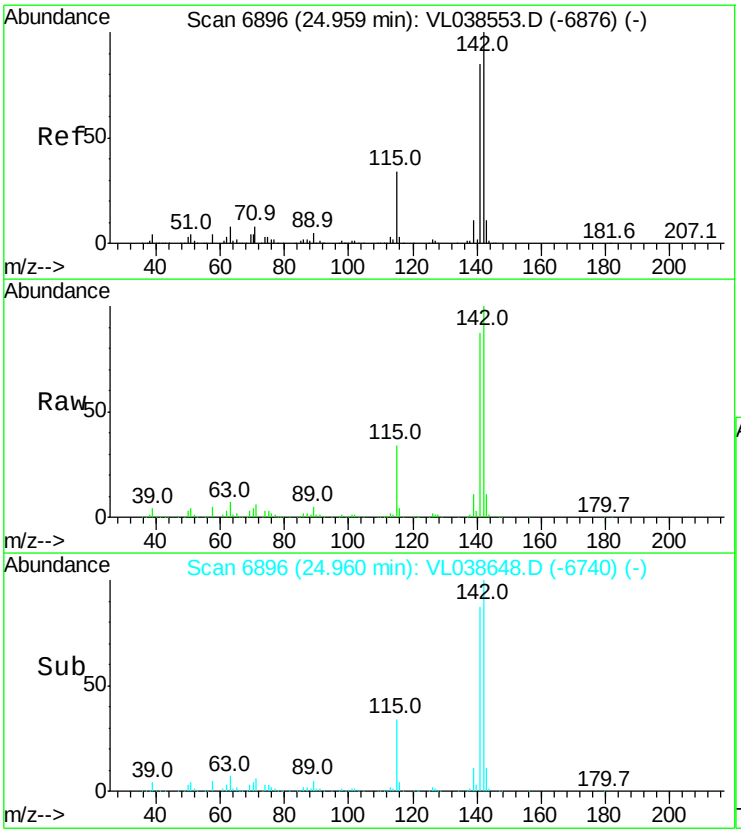
#79
Naphthalene
Concen: 7.96 ppbv
RT: 22.18
Delta R.T
Lab File:
Acq: 21 Mar 2022 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:128 Resp: 2487614

Ion	Ratio	Lower	Upper
128	100		
127	12.8	9.9	14.9
129	11.5	9.3	13.9

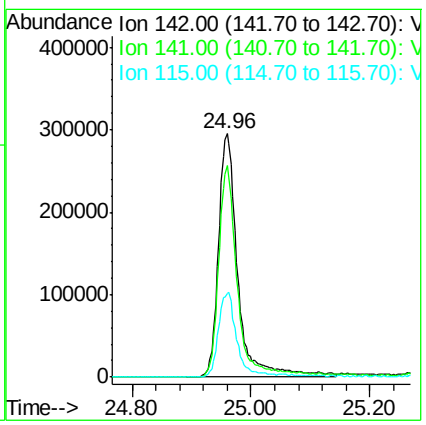


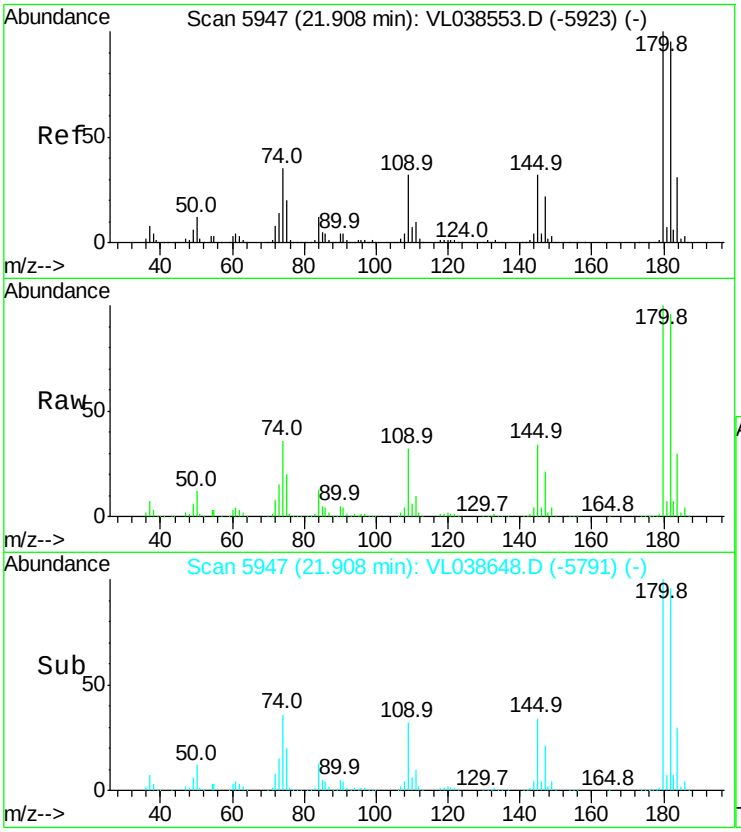


#80
Naphthalene,2-methyl-
Concen: 12.10 ppbv
RT: 24.96 min Scan# 6896
Delta R.T. 0.00 min
Lab File: VL038648.D
Acq: 21 Mar 2022 12:37

Tgt Ion:142 Resp: 667317

Ion	Ratio	Lower	Upper
142	100		
141	83.0	68.4	102.6
115	34.7	27.9	41.9





#81
1,2,4-Trichlorobenzene
Concen: 7.23 ppbv
RT: 21.91
Delta R.T
Lab File:
Acq: 21 Mar 2022 12:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:180 Resp: 1442463

Ion	Ratio	Lower	Upper
180	100		
182	99.0	79.1	118.7
184	31.0	25.0	37.6