Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040522\
Data File : VL038818.D
Acq On : 5 Apr 2022 19:44
Operator : SY/AP
Sample : VSTDICC015
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Quant Time: Apr 05 20:13:14 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Apr 05 17:22:42 2022
QLast Update : Tue Apr 05 17:22:42 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	1448670	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	3983311	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.08	117	3644857	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	2866233	10.26	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	2364189	12.14	ppbv		96
3) Chlorodifluoromethane	2.99	51	2485939	16.25	ppbv		100
4) Chloromethane	3.14	50	1284789	15.29	ppbv		96
5) Vinyl Chloride	3.26	62	1221669	14.31	ppbv		93
6) Bromomethane	3.47	94	605868	13.31	ppbv		97
7) Chloroethane	3.56	64	404115	14.30	ppbv		98
8) Dichlorotetrafluoroethane	3.19	85	2617522	13.46	ppbv		99
9) Propene	3.01	41	1325157	17.94	ppbv		97
10) Heptane	8.12	43	3267943	18.51	ppbv		99
11) Trichlorofluoromethane	3.95	101	2373358	13.81	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1796163	13.58	ppbv		98
13) Ethanol	3.60	45	64315	7.89	ppbv	#	100
14) Bromoethene	3.74	108	812131	13.81	ppbv		95
15) Acetone	3.85	43	1900042	15.20	ppbv		99
16) 1,3-Butadiene	3.33	39	1180574	16.64	ppbv		99
17) tert-Butyl alcohol	4.28	59	1577915	14.45	ppbv		100
18) 1,1-Dichloroethene	4.29	96	815458	13.72	ppbv		97
19) Isopropyl Alcohol	3.96	45	900269	12.99	ppbv	#	100
20) Methylene Chloride	4.34	84	712732	13.54	ppbv		92
21) Allyl Chloride	4.41	41	1543071	17.15	ppbv		98
22) trans-1,2-Dichloroethene	4.88	96	861619	13.97	ppbv		99
23) Vinyl Acetate	5.07	43	2130898	17.60	ppbv		99
24) 1,1-Dichloroethane	5.01	63	1793008	15.04	ppbv		100
25) Ethyl Acetate	5.67	43	5234490	16.63	ppbv		99
26) Hexane	5.68	57	2267955	16.10	ppbv		100
27) Carbon Disulfide	4.55	76	2298635	16.63	ppbv		99
28) Methyl tert-Butyl Ether	5.03	73	1813913	17.28	ppbv		99
29) Chloroform	5.75	83	3369598	14.94	ppbv		100
30) Cyclohexane	7.13	84	2036195	16.62	ppbv		97
31) cis-1,2-Dichloroethene	5.55	61	2281414	17.22	ppbv		97
32) 1,1,1-Trichloroethane	6.51	97	3376091	15.51	ppbv		99
34) 2-Butanone	5.24	43	2233139	14.16	ppbv		99
35) Carbon Tetrachloride	7.01	117	3420075	14.80	ppbv		99
36) Benzene	6.89	78	4992139	16.24	ppbv		97
37) 1,2-Dichloroethane	6.30	62	2469653	15.79	ppbv		100
38) Trichloroethene	7.83	130	1945752	15.11	ppbv		96
39) 1,2-Dichloropropane	7.61	63	1956831	16.28	ppbv		99
40) 1,4-Dioxane	7.82	88	583833	13.99	ppbv	#	94
41) Tetrahydrofuran	6.04	42	2156598	18.38	ppbv		100
42) Bromodichloromethane	7.79	83	3758785	16.03	ppbv		98
43) Methyl Methacrylate	8.01	69	2101454	18.41	ppbv		98

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040522\
Data File : VL038818.D
Acq On : 5 Apr 2022 19:44
Operator : SY/AP
Sample : VSTDICC015
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Quant Time: Apr 05 20:13:14 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Apr 05 17:22:42 2022
QLast Update : Tue Apr 05 17:22:42 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	7896386	15.30	ppbv		99
45) t-1,3-Dichloropropene	9.28	75	2410653	20.77	ppbv		97
46) cis-1,3-Dichloropropene	8.70	75	2930143	18.67	ppbv		99
47) 1,1,2-Trichloroethane	9.47	97	1999677	15.58	ppbv		99
48) Dibromochloromethane	10.30	129	3229745	16.07	ppbv		98
49) Bromoform	13.03	173	2575296	15.72	ppbv		100
50) 4-Methyl-2-Pentanone	8.73	43	5103120	17.41	ppbv		98
51) 2-Hexanone	10.12	43	4157398	19.75	ppbv	#	100
52) Tetrachloroethene	11.22	164	1620805	14.41	ppbv		98
53) Toluene	9.80	91	5642822	17.08	ppbv		99
54) 1,2-Dibromoethane	10.61	107	2845647	16.24	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.12	131	2173681	14.38	ppbv	#	74
57) Chlorobenzene	12.14	112	3950521	15.03	ppbv		99
58) Ethyl Benzene	12.70	91	7347735	17.24	ppbv		100
59) m/p-Xylene	12.99	91	6526514	17.51	ppbv	#	41
60) o-Xylene	13.69	91	5564208	15.72	ppbv		99
61) Styrene	13.52	104	3801169	19.81	ppbv		100
62) Isopropylbenzene	14.66	105	8224526	15.46	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.67	83	3562024	12.99	ppbv		100
64) n-propylbenzene	15.55	120	2269303	16.25	ppbv		100
65) tert-Butylbenzene	16.74	119	7037570	14.72	ppbv		99
66) Benzyl Chloride	16.98	91	2020359	22.32	ppbv		100
67) sec-Butylbenzene	17.29	105	9990226	14.61	ppbv		99
69) p-Isopropyltoluene	17.64	119	8379004	15.02	ppbv		98
70) n-Butylbenzene	18.54	91	8769113	15.24	ppbv		99
71) 2-Chlorotoluene	15.45	91	6424229	16.27	ppbv		99
72) 4-Ethyltoluene	15.83	105	7045482	16.86	ppbv		99
73) 1,3,5-Trimethylbenzene	15.99	105	6188043	16.25	ppbv		98
74) 1,2,4-Trimethylbenzene	16.76	105	6228363	15.02	ppbv		97
75) 1,3-Dichlorobenzene	16.99	146	3796829	14.38	ppbv		99
76) 1,4-Dichlorobenzene	17.13	146	3791954	14.44	ppbv		99
77) 1,2-Dichlorobenzene	17.81	146	3775182	14.43	ppbv		100
78) Hexachloro-1,3-Butadiene	23.36	225	2571619	10.63	ppbv		100
79) Naphthalene	22.18	128	5858148	18.49	ppbv		99
80) Naphthalene,2-methyl-	24.96	142	1723595	20.29	ppbv		96
81) 1,2,4-Trichlorobenzene	21.91	180	3095374	14.27	ppbv		98

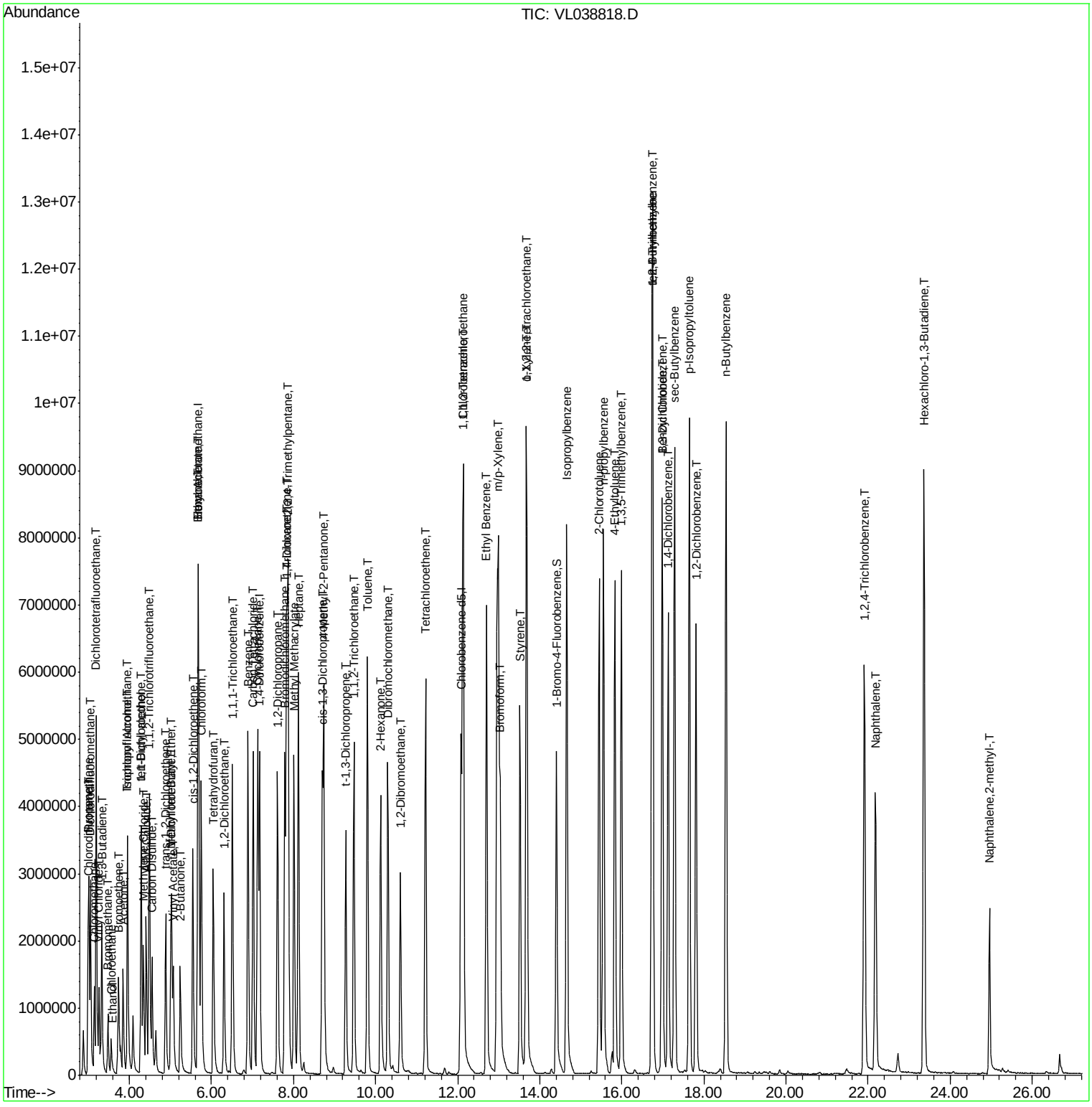
(#) = qualifier out of range (m) = manual integration (+) = signals summed

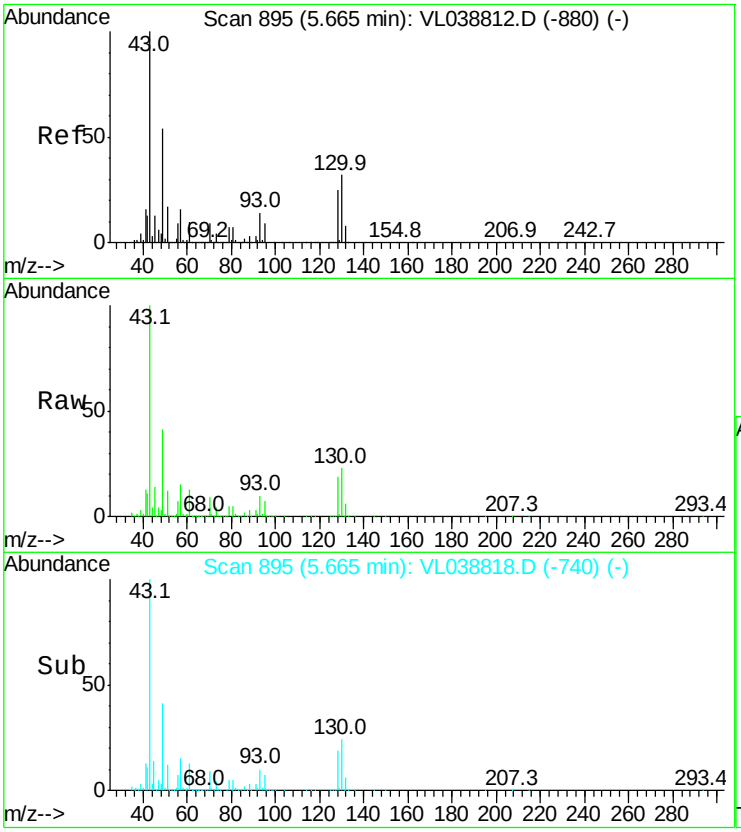
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040522\
Data File : VL038818.D
Acq On : 5 Apr 2022 19:44
Operator : SY/AP
Sample : VSTDICC015
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Quant Time: Apr 05 20:13:14 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Apr 05 17:22:42 2022
QLast Update : Tue Apr 05 17:22:42 2022
Response via : Initial Calibration



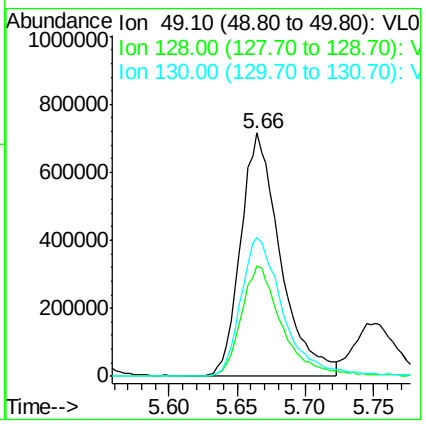


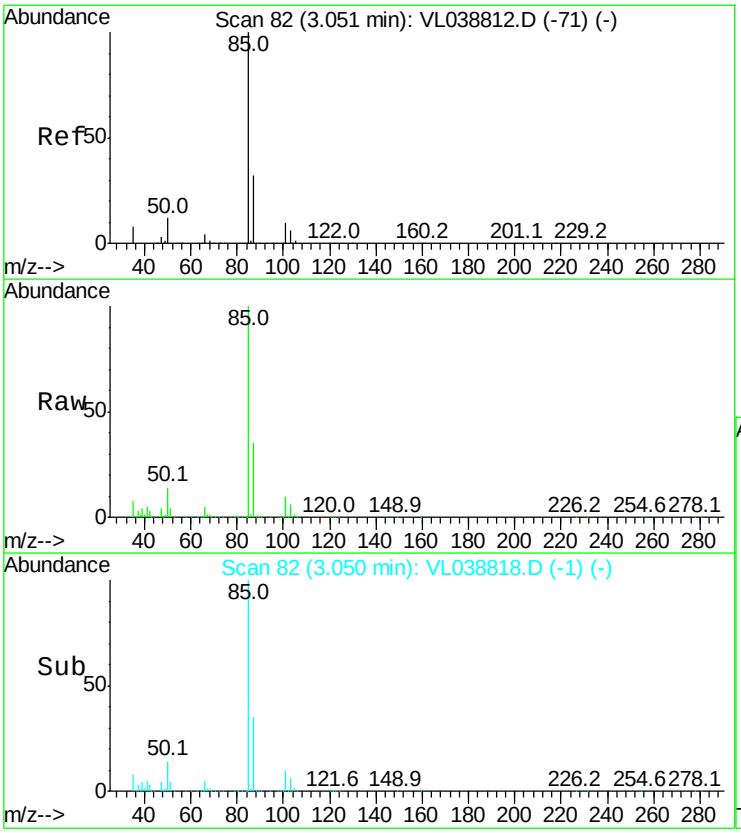
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 5 Apr 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 49 Resp: 1448670

Ion	Ratio	Lower	Upper
49	100		
128	47.0	24.1	72.3
130	61.3	30.9	92.8

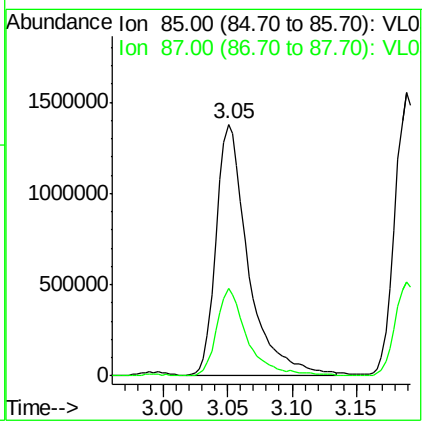


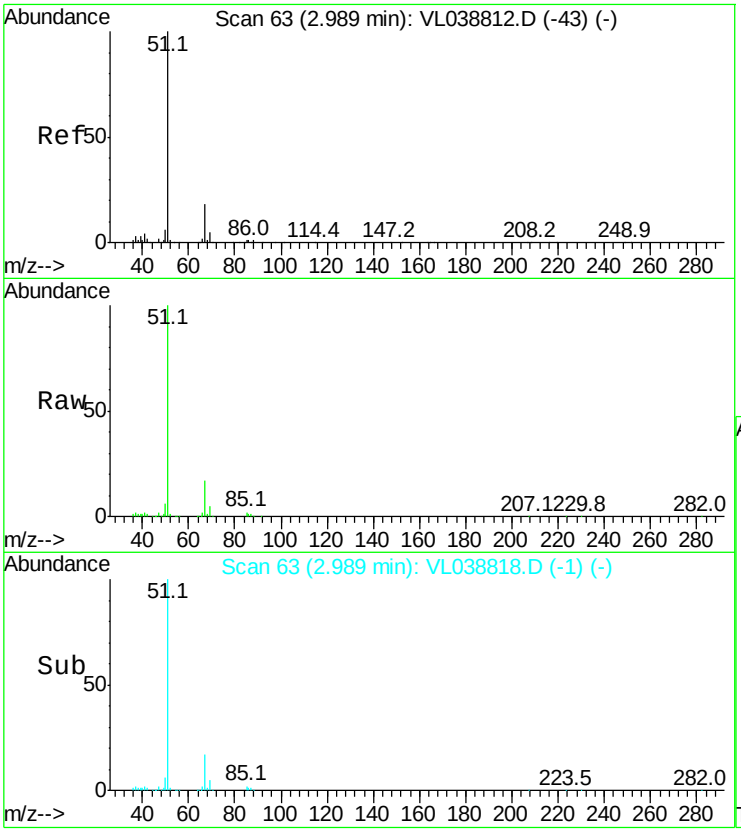


#2
Dichlorodifluoromethane
Concen: 12.14 ppbv
RT: 3.05 min Scan# 82
Delta R.T. -0.00 min
Lab File: VL038818.D
Acq: 5 Apr 2022 19:44

Tgt Ion: 85 Resp: 2364189

Ion	Ratio	Lower	Upper
85	100		
87	34.5	25.9	38.9



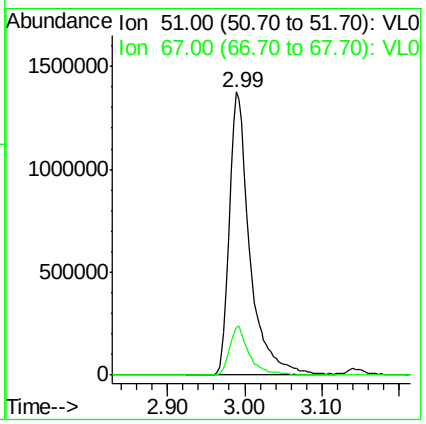


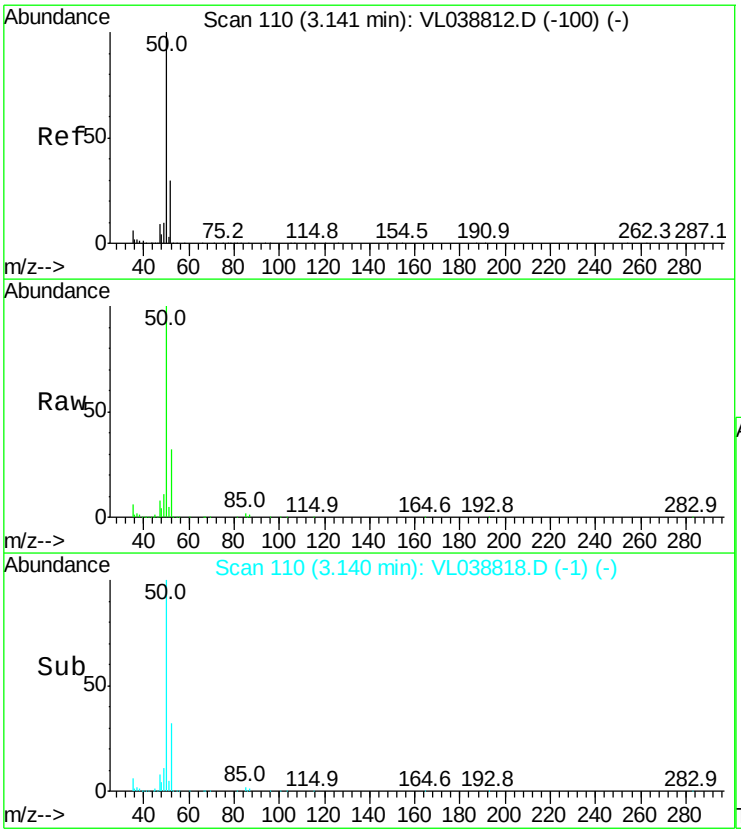
#3
Chlorodifluoromethane
Concen: 16.25 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 5 Apr 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 51 Resp: 2485939

Ion	Ratio	Lower	Upper
51	100		
67	16.7	13.4	20.0

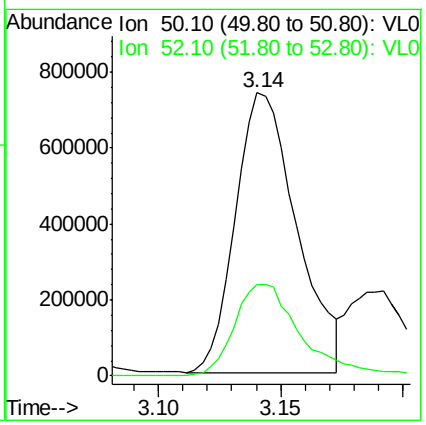


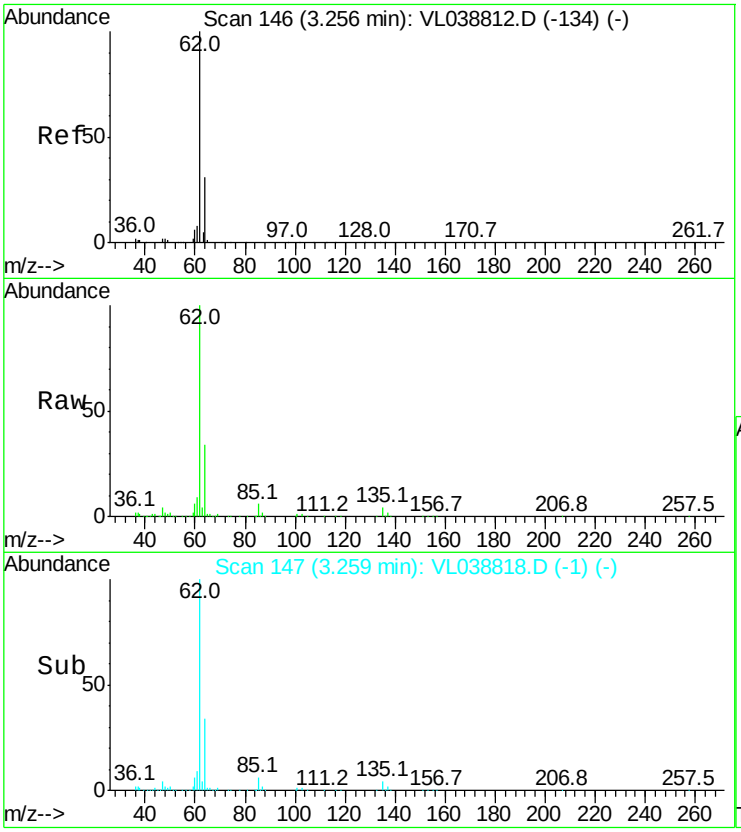


#4
Chloromethane
Concen: 15.29 ppbv
RT: 3.14 min Scan# 110
Delta R.T. -0.00 min
Lab File: VL038818.D
Acq: 5 Apr 2022 19:44

Tgt Ion: 50 Resp: 1284789

Ion	Ratio	Lower	Upper
50	100		
52	32.8	24.3	36.5



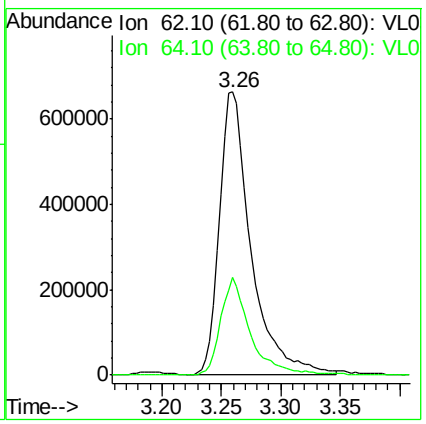


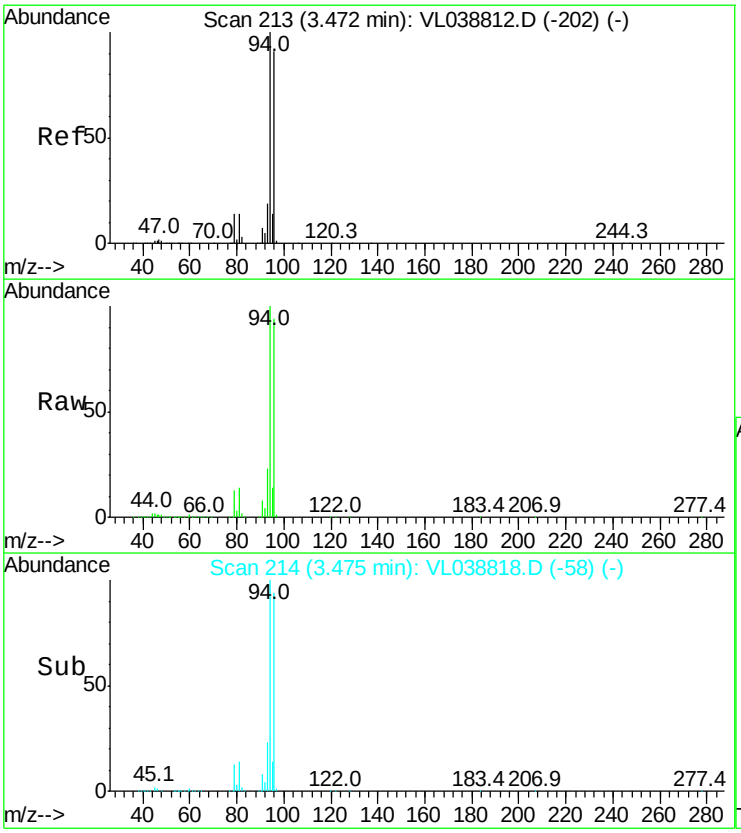
#5
Vinyl Chloride
Concen: 14.31 ppbv
RT: 3.26
Delta R.T
Lab File:
Acq: 5 Apr 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 62 Resp: 1221669

Ion	Ratio	Lower	Upper
62	100		
64	34.5	24.6	37.0

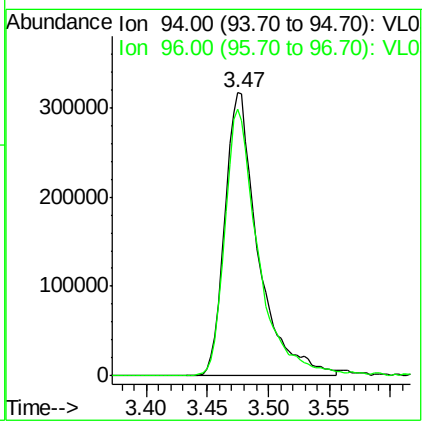


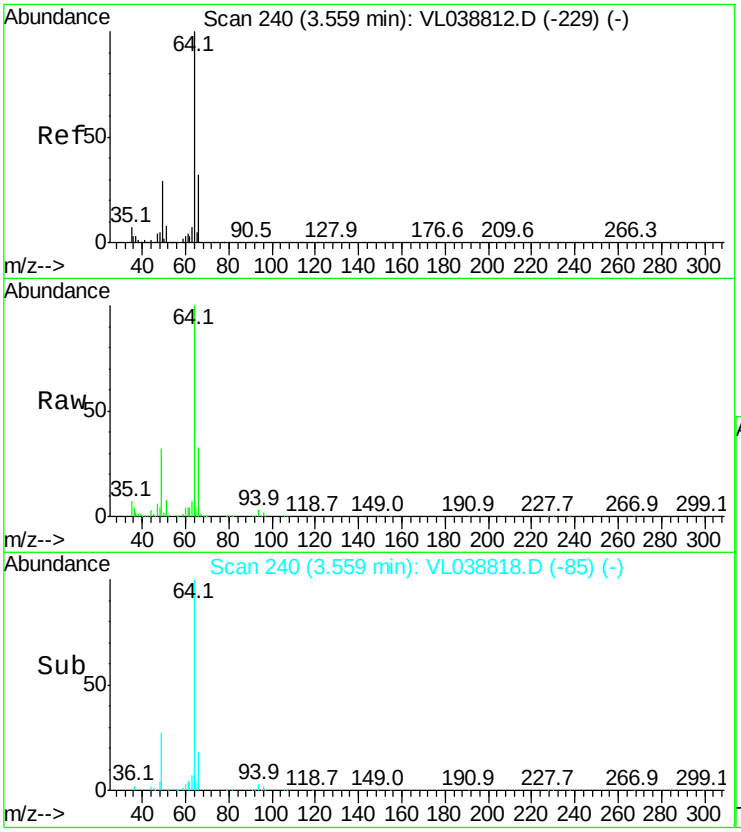


#6
Bromomethane
Concen: 13.31 ppbv
RT: 3.47 min Scan# 214
Delta R.T. 0.00 min
Lab File: VL038818.D
Acq: 5 Apr 2022 19:44

Tgt Ion: 94 Resp: 605868

Ion	Ratio	Lower	Upper
94	100		
96	94.0	73.2	109.8



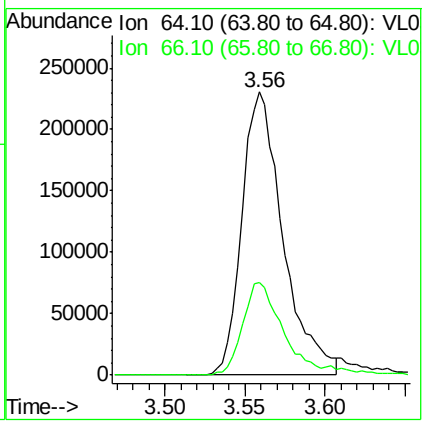


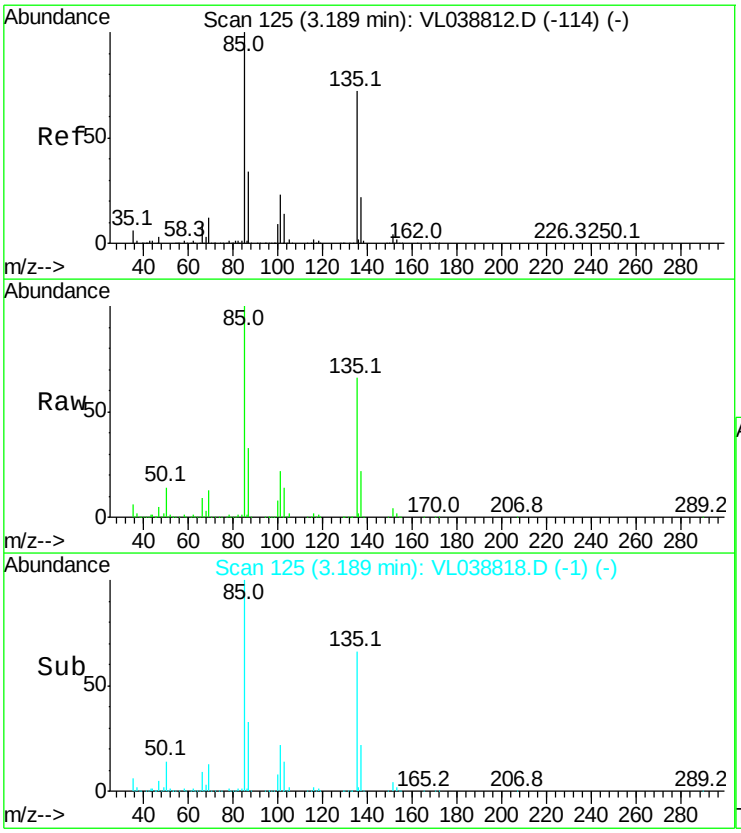
#7
Chloroethane
Concen: 14.30 ppbv
RT: 3.56
Delta R.T
Lab File:
Acq: 5 Apr 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 64 Resp: 404115

Ion	Ratio	Lower	Upper
64	100		
66	32.9	25.4	38.2

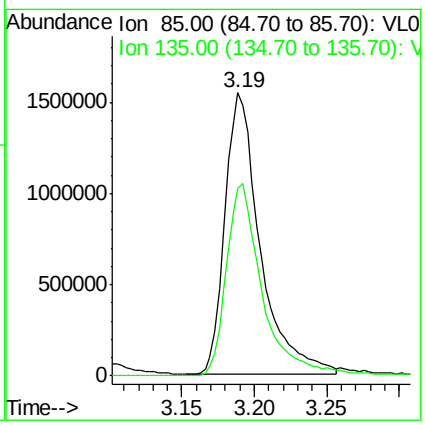


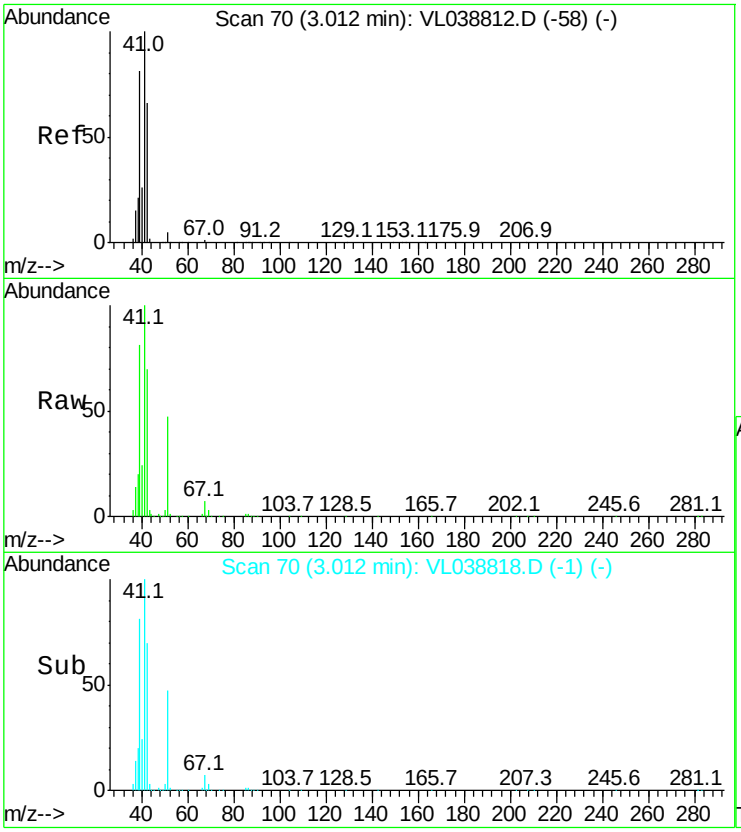


#8
Dichlorotetrafluoroethane
Concen: 13.46 ppbv
RT: 3.19 min Scan# 125
Delta R.T. -0.00 min
Lab File: VL038818.D
Acq: 5 Apr 2022 19:44

Tgt Ion: 85 Resp: 2617522

Ion	Ratio	Lower	Upper
85	100		
135	70.2	57.0	85.6



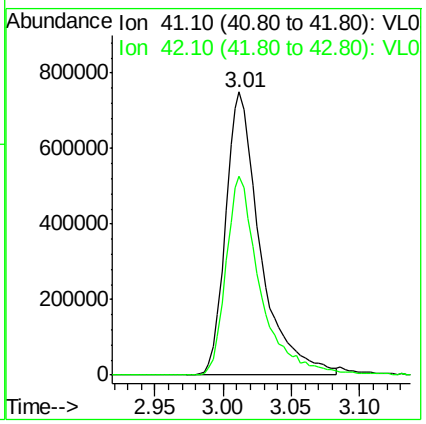


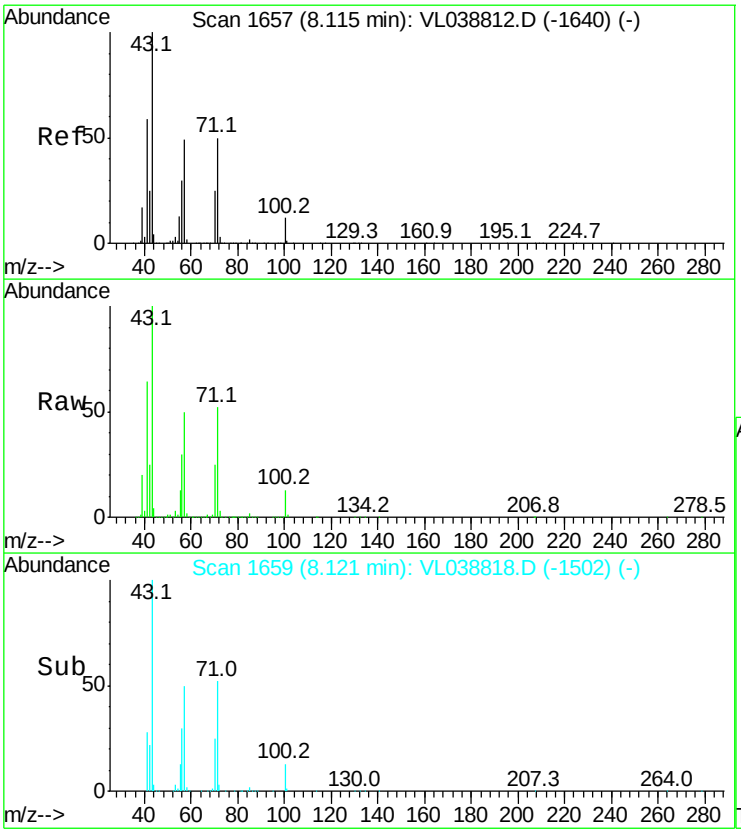
#9
Propene
Concen: 17.94 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 5 Apr 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 41 Resp: 1325157

Ion	Ratio	Lower	Upper
41	100		
42	70.3	54.2	81.4

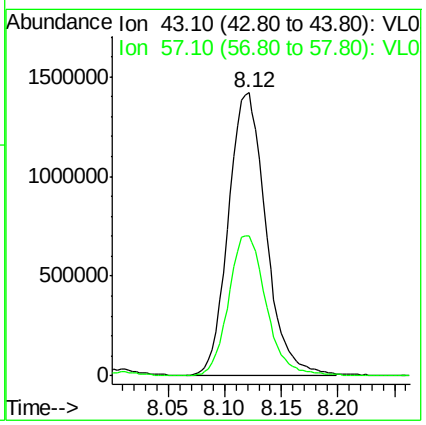


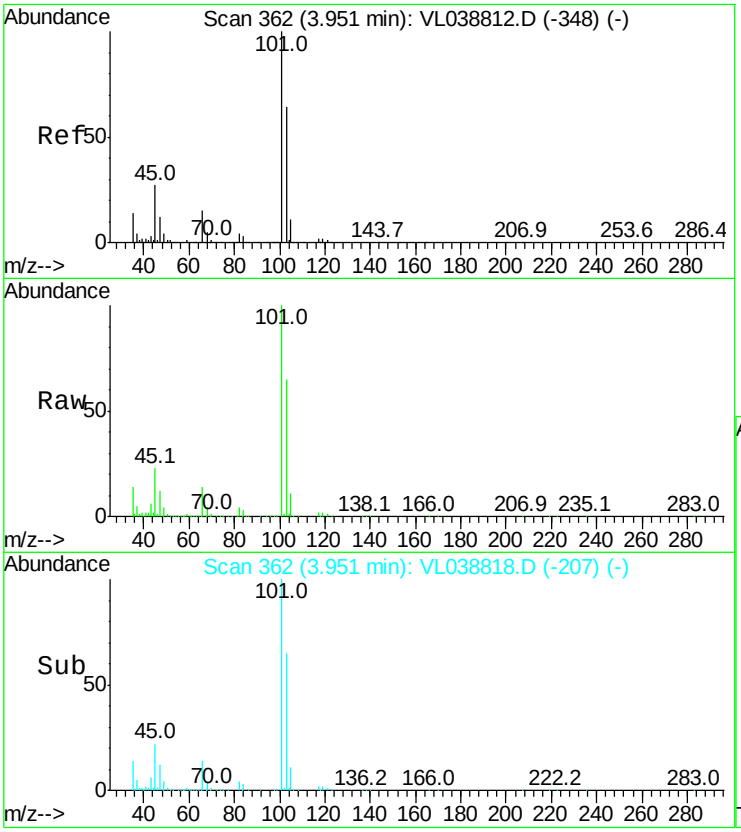


#10
Heptane
Concen: 18.51 ppbv
RT: 8.12 min Scan# 1659
Delta R.T. 0.01 min
Lab File: VL038818.D
Acq: 5 Apr 2022 19:44

Tgt Ion: 43 Resp: 3267943

Ion	Ratio	Lower	Upper
43	100		
57	49.8	39.3	58.9



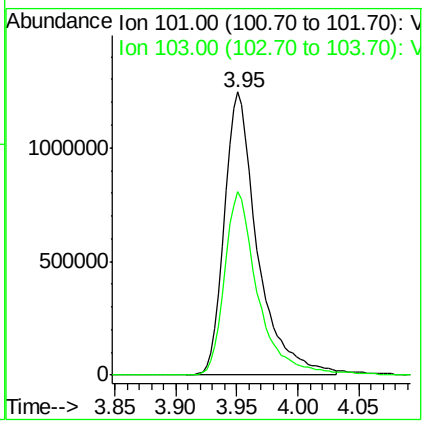


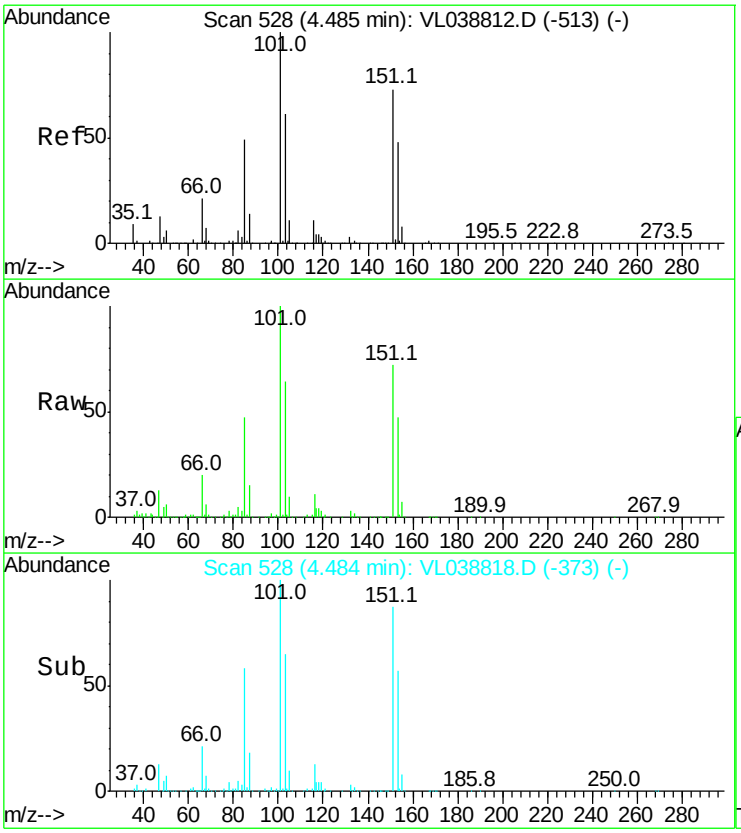
#11
Trichlorofluoromethane
Concen: 13.81 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 5 Apr 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:101 Resp: 2373358

Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.4	77.0

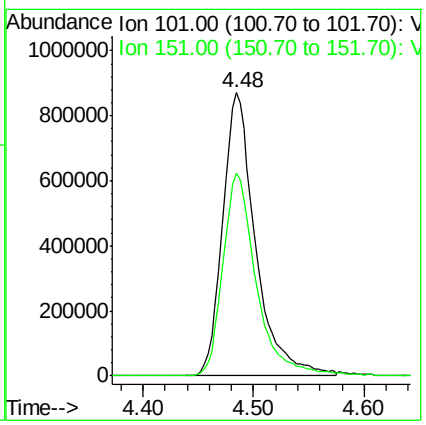


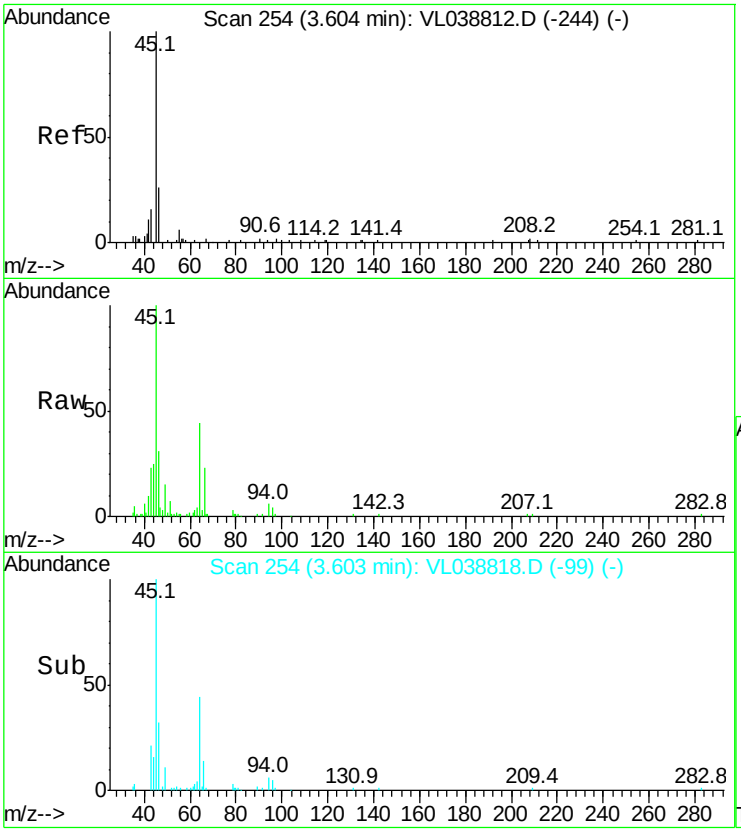


#12
1,1,2-Trichlorotrifluoroethane
Concen: 13.58 ppbv
RT: 4.48 min Scan# 528
Delta R.T. -0.00 min
Lab File: VL038818.D
Acq: 5 Apr 2022 19:44

Tgt Ion:101 Resp: 1796163

Ion	Ratio	Lower	Upper
101	100		
151	73.3	59.9	89.9



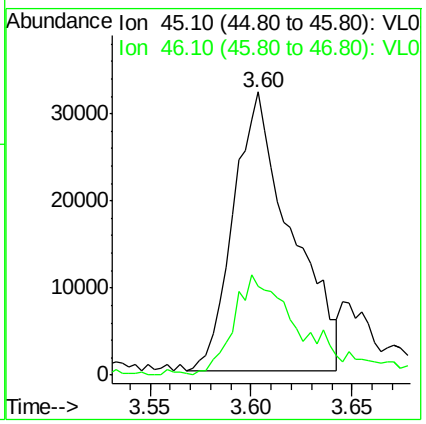


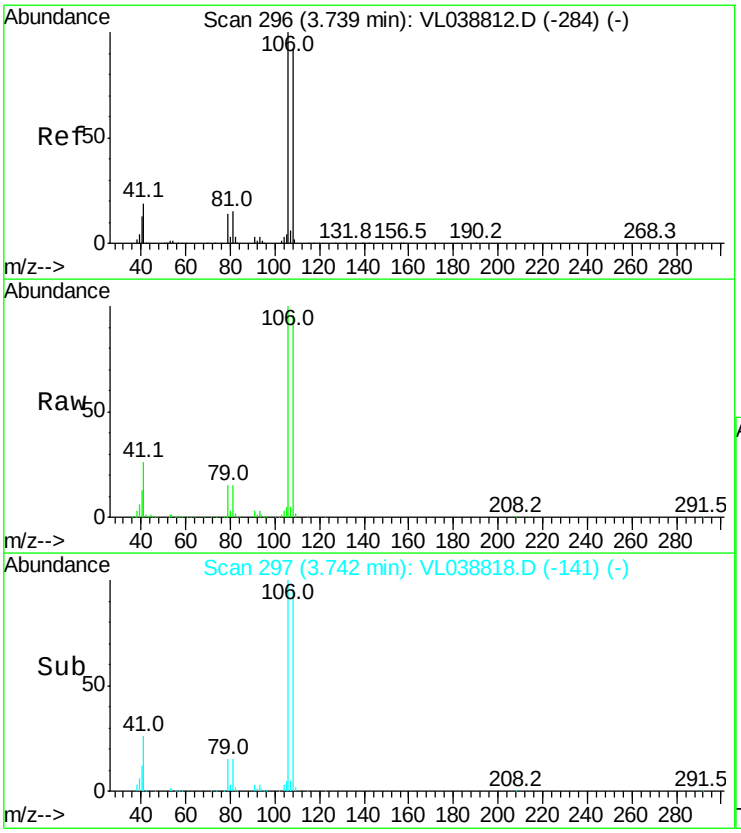
#13
Ethanol
Concen: 7.89 ppbv
RT: 3.60
Delta R.T
Lab File:
Acq: 5 Apr 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 45 Resp: 64315

Ion	Ratio	Lower	Upper
45	100		
46	43.5	0.0	0.0#

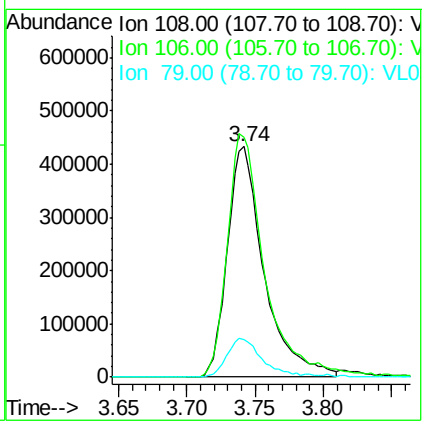


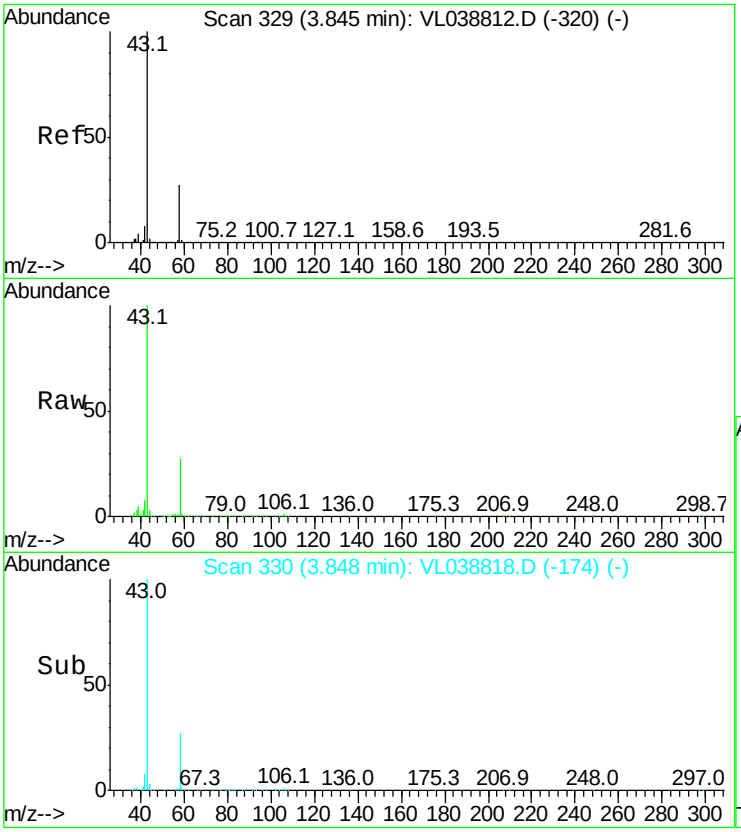


#14
Bromoethene
Concen: 13.81 ppbv
RT: 3.74 min Scan# 297
Delta R.T. 0.00 min
Lab File: VL038818.D
Acq: 5 Apr 2022 19:44

Tgt Ion:108 Resp: 812131

Ion	Ratio	Lower	Upper
108	100		
106	108.7	91.5	137.3
79	17.0	13.7	20.5



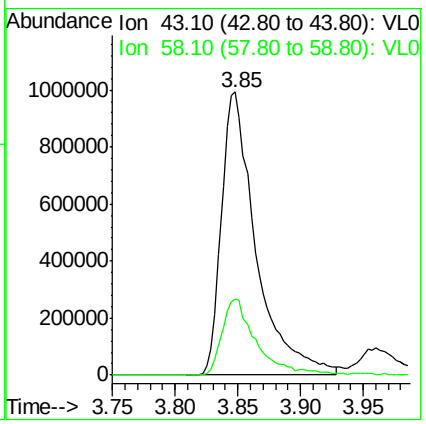


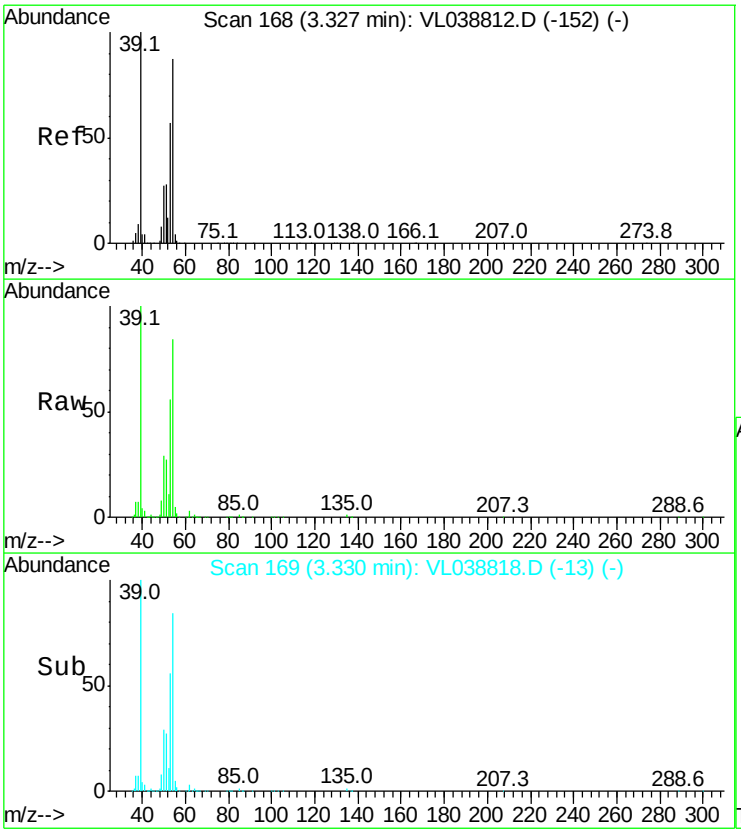
#15
Acetone
Concen: 15.20 ppbv
RT: 3.85
Delta R.T
Lab File:
Acq: 5 Apr 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 43 Resp: 1900042

Ion	Ratio	Lower	Upper
43	100		
58	27.5	22.5	33.7

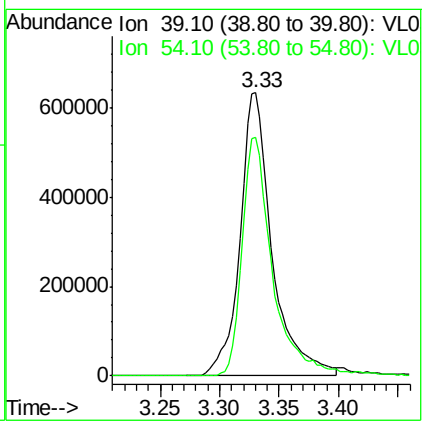


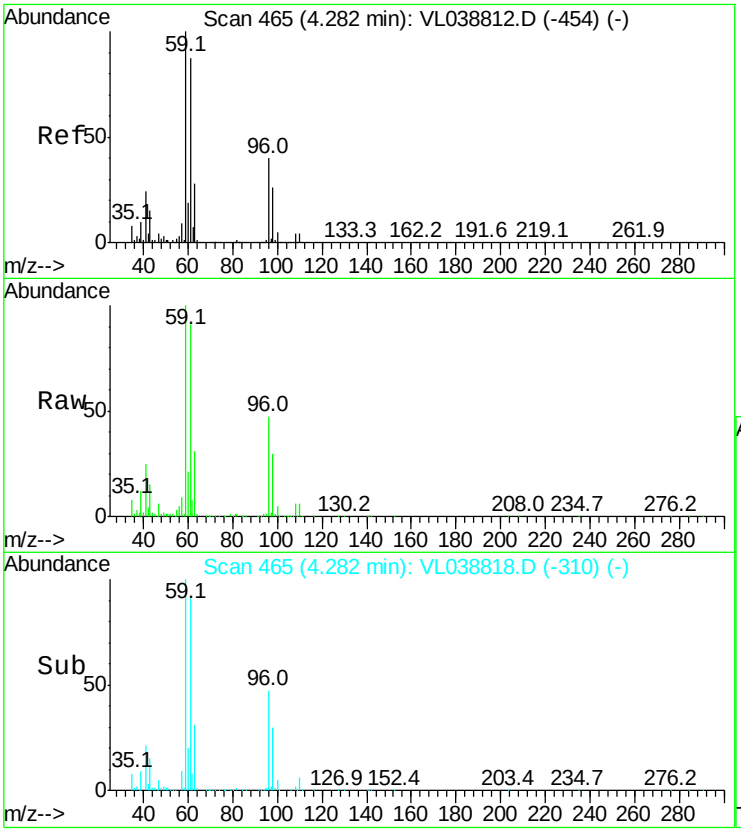


#16
1,3-Butadiene
Concen: 16.64 ppbv
RT: 3.33 min Scan# 169
Delta R.T. 0.00 min
Lab File: VL038818.D
Acq: 5 Apr 2022 19:44

Tgt Ion: 39 Resp: 1180574

Ion	Ratio	Lower	Upper
39	100		
54	81.5	64.8	97.2



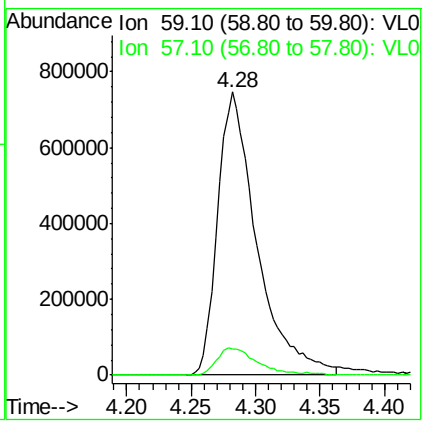


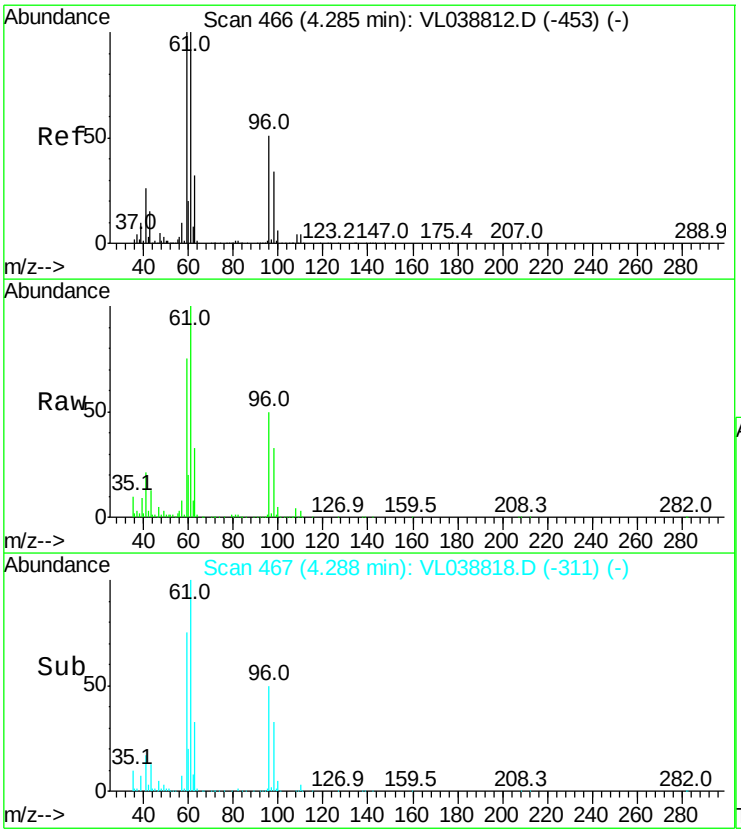
#17
tert-Butyl alcohol
Concen: 14.45 ppbv
RT: 4.28
Delta R.T
Lab File:
Acq: 5 Apr 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 59 Resp: 1577915

Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.5	12.7

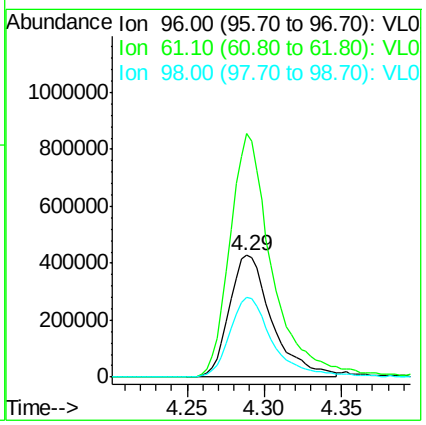


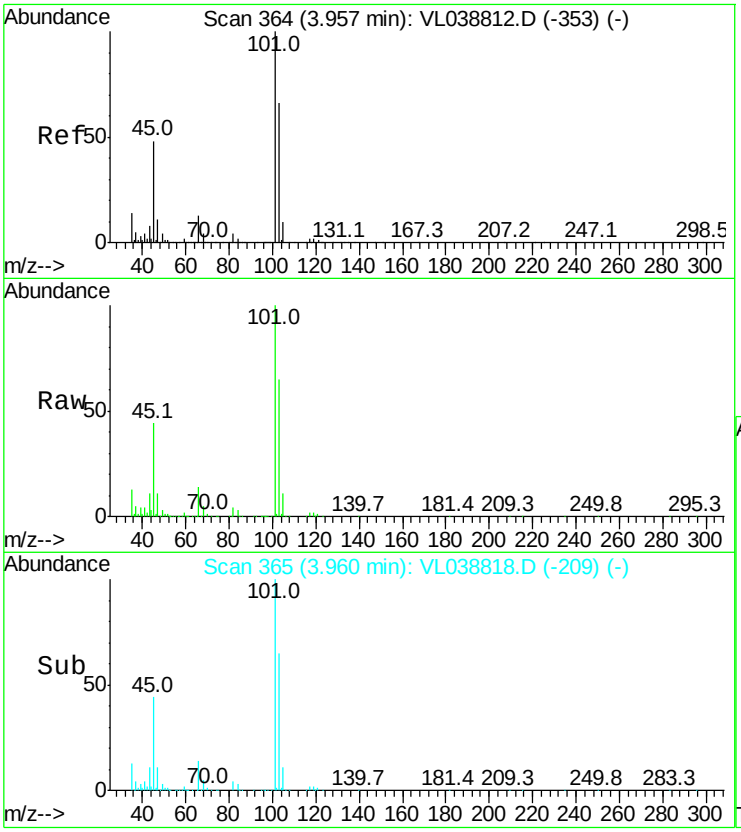


#18
1,1-Dichloroethene
Concen: 13.72 ppbv
RT: 4.29 min Scan# 467
Delta R.T. 0.00 min
Lab File: VL038818.D
Acq: 5 Apr 2022 19:44

Tgt Ion: 96 Resp: 815458

Ion	Ratio	Lower	Upper
96	100		
61	200.3	156.1	234.1
98	66.0	53.0	79.6



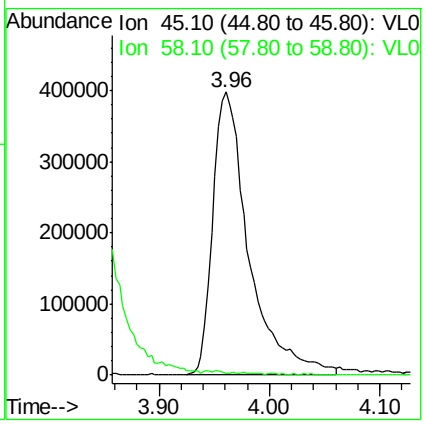


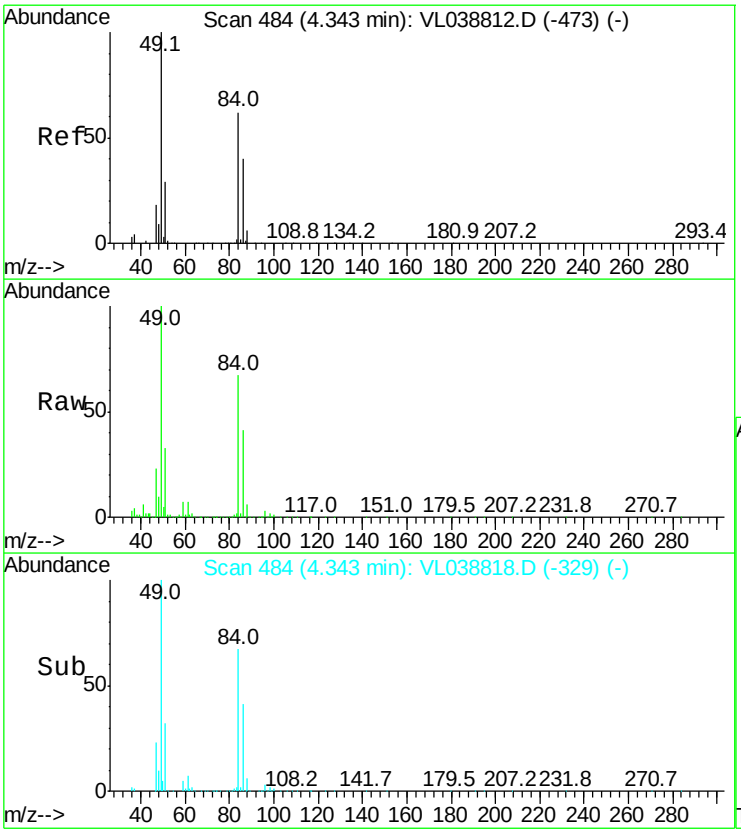
#19
Isopropyl Alcohol
Concen: 12.99 ppbv
RT: 3.96
Delta R.T
Lab File:
Acq: 5 Apr 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 45 Resp: 900269

Ion	Ratio	Lower	Upper
45	100		
58	58.3	0.0	0.0#

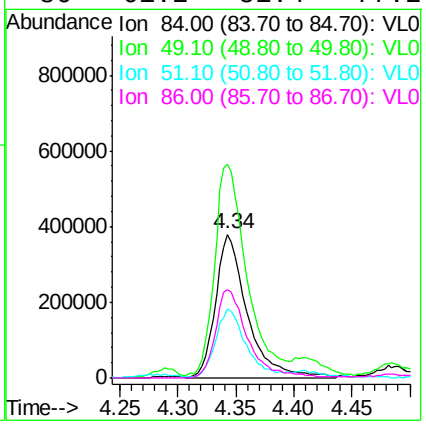


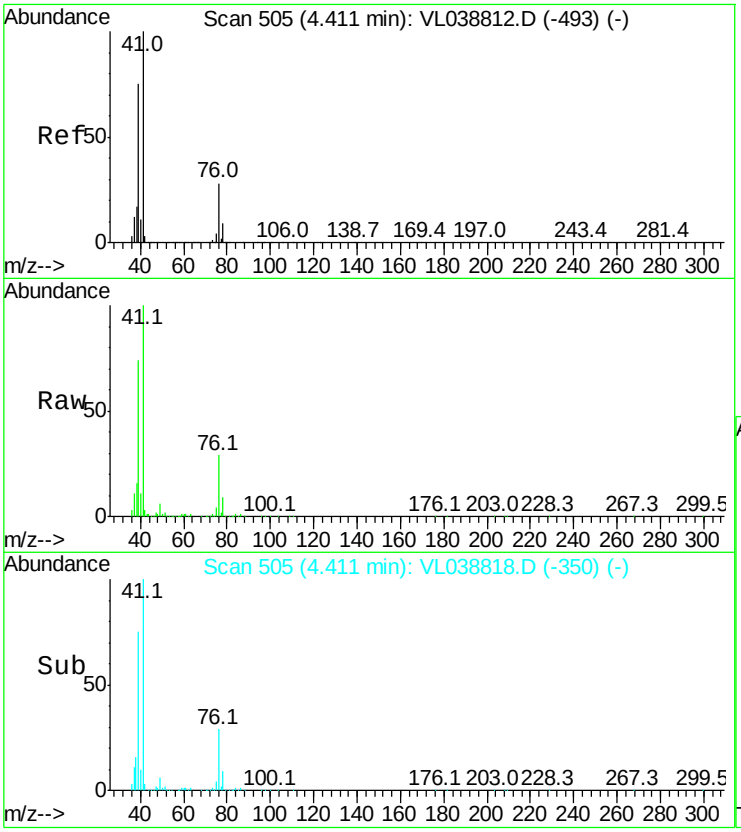


#20
Methylene Chloride
Concen: 13.54 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.00 min
Lab File: VL038818.D
Acq: 5 Apr 2022 19:44

Tgt Ion: 84 Resp: 712732

Ion	Ratio	Lower	Upper
84	100		
49	147.2	129.4	194.0
51	47.7	37.4	56.2
86	61.2	51.4	77.2



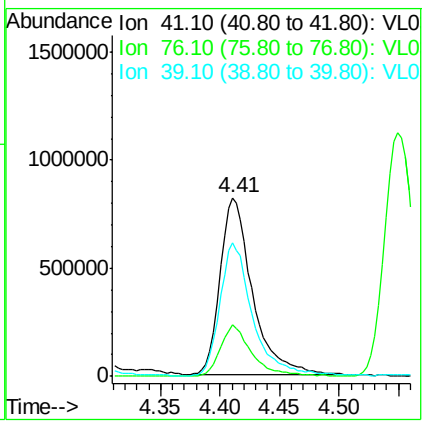


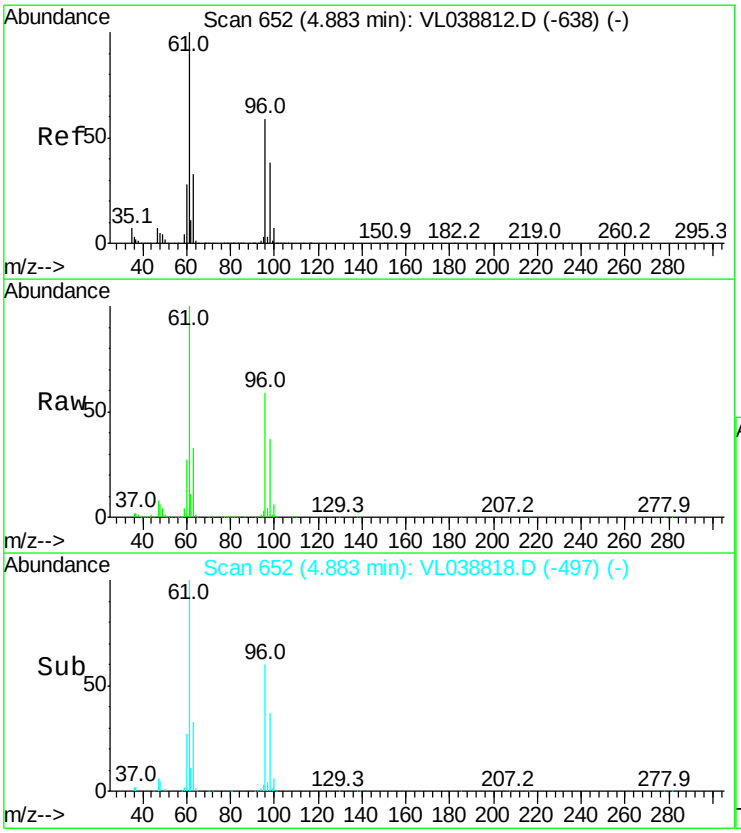
#21
Allyl Chloride
Concen: 17.15 ppbv
RT: 4.41
Delta R.T
Lab File:
Acq: 5 Apr 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 41 Resp: 1543071

Ion	Ratio	Lower	Upper
41	100		
76	28.5	23.7	35.5
39	75.9	62.0	93.0

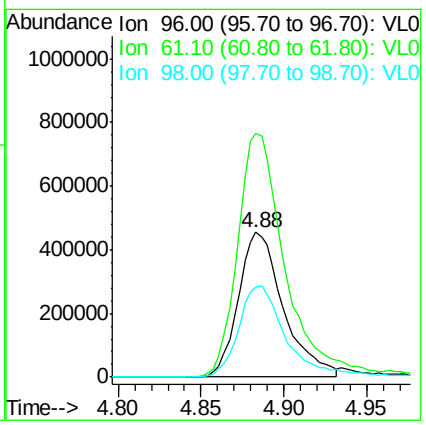


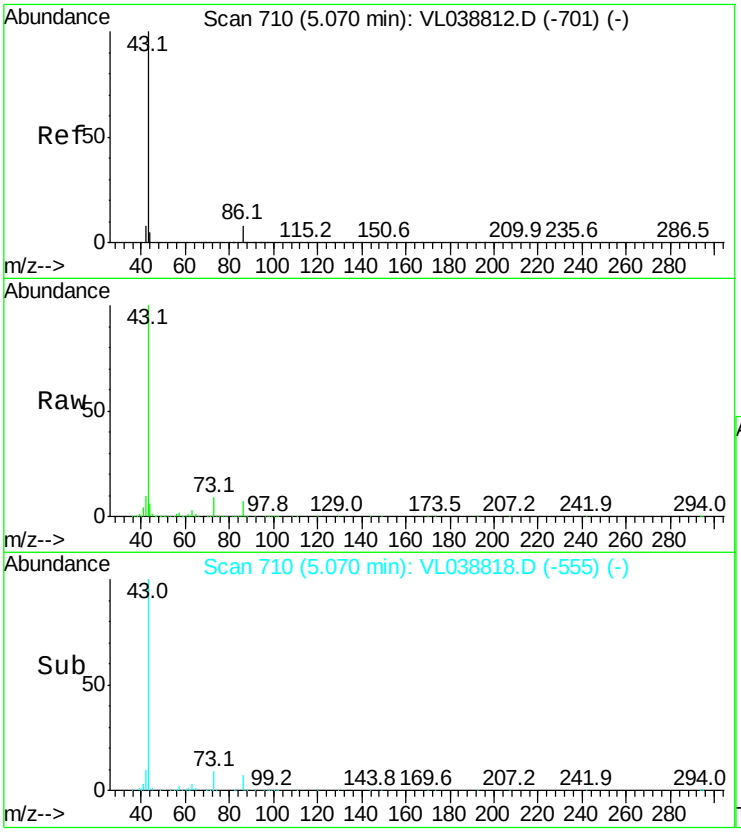


#22
trans-1,2-Dichloroethene
Concen: 13.97 ppbv
RT: 4.88 min Scan# 652
Delta R.T. -0.00 min
Lab File: VL038818.D
Acq: 5 Apr 2022 19:44

Tgt Ion: 96 Resp: 861619

Ion	Ratio	Lower	Upper
96	100		
61	168.1	134.8	202.2
98	61.7	51.9	77.9



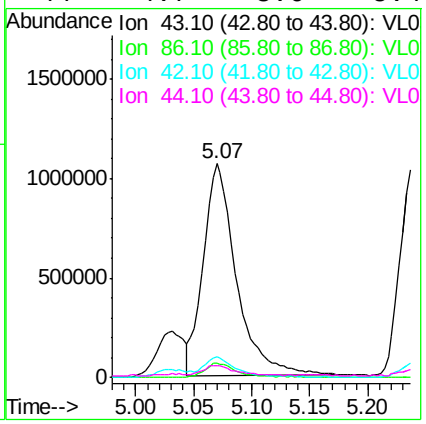


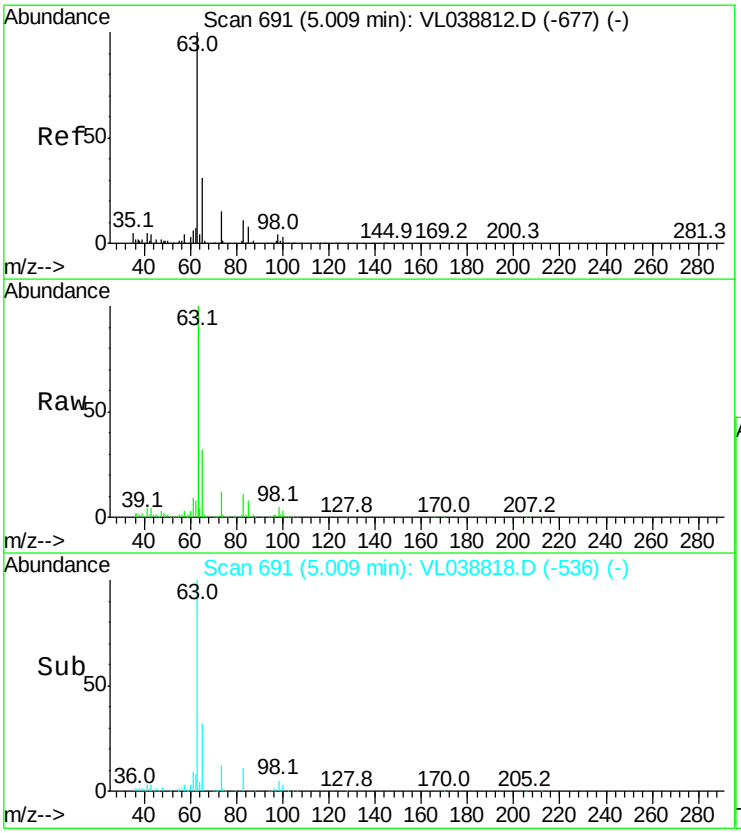
#23
Vinyl Acetate
Concen: 17.60 ppbv
RT: 5.07
Delta R.T
Lab File:
Acq: 5 Apr 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 43 Resp: 2130898

Ion	Ratio	Lower	Upper
43	100		
86	6.6	5.8	8.6
42	9.7	7.8	11.6
44	4.7	3.6	5.4

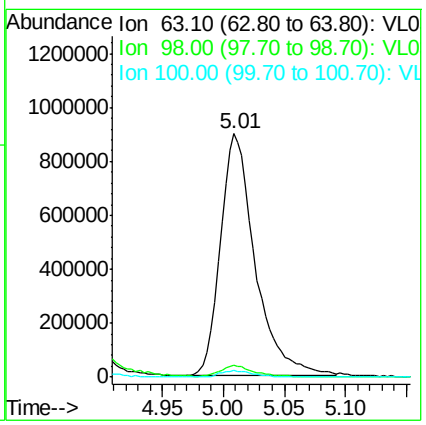


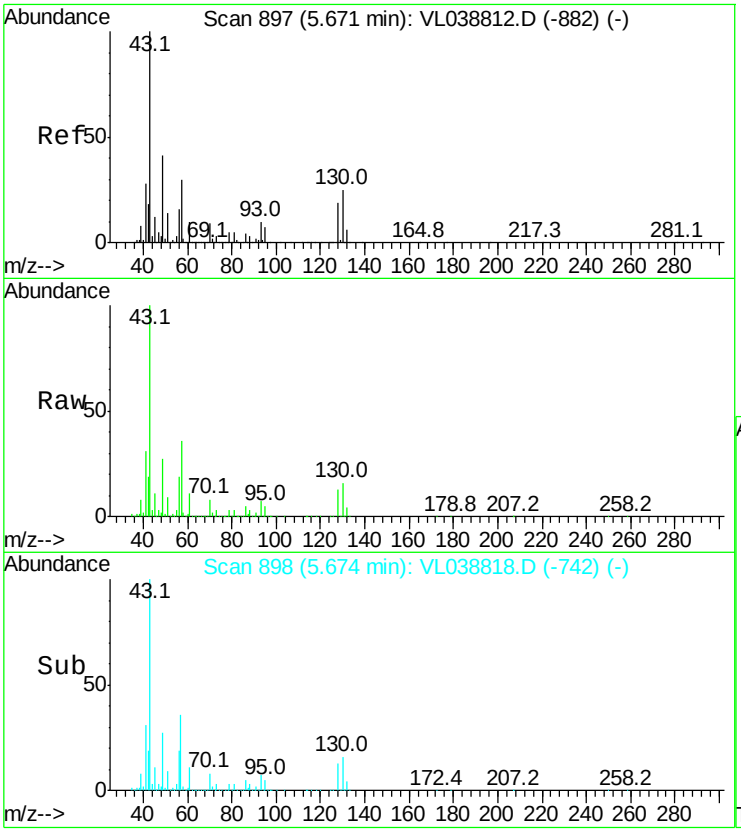


#24
1,1-Dichloroethane
Concen: 15.04 ppbv
RT: 5.01 min Scan# 691
Delta R.T. -0.00 min
Lab File: VL038818.D
Acq: 5 Apr 2022 19:44

Tgt Ion: 63 Resp: 1793008

Ion	Ratio	Lower	Upper
63	100		
98	4.6	2.2	6.6
100	2.7	1.4	4.0



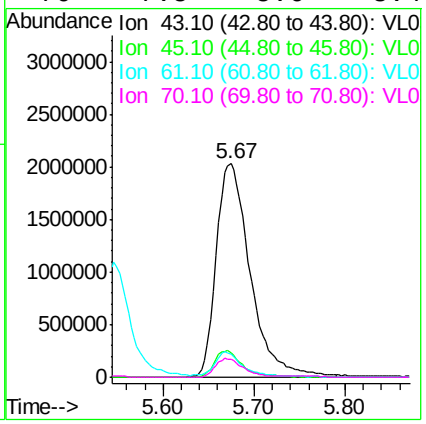


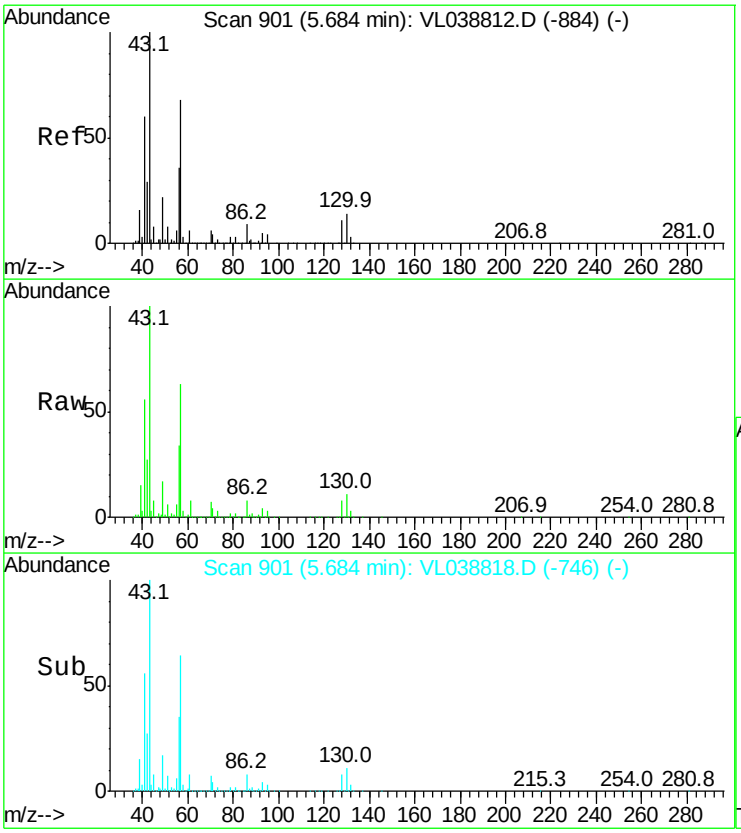
#25
Ethyl Acetate
Concen: 16.63 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 5 Apr 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 43 Resp: 5234490

Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.4	12.6
61	10.2	7.9	11.9
70	7.5	5.6	8.4

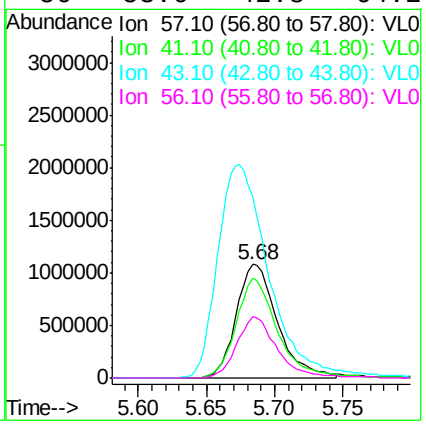


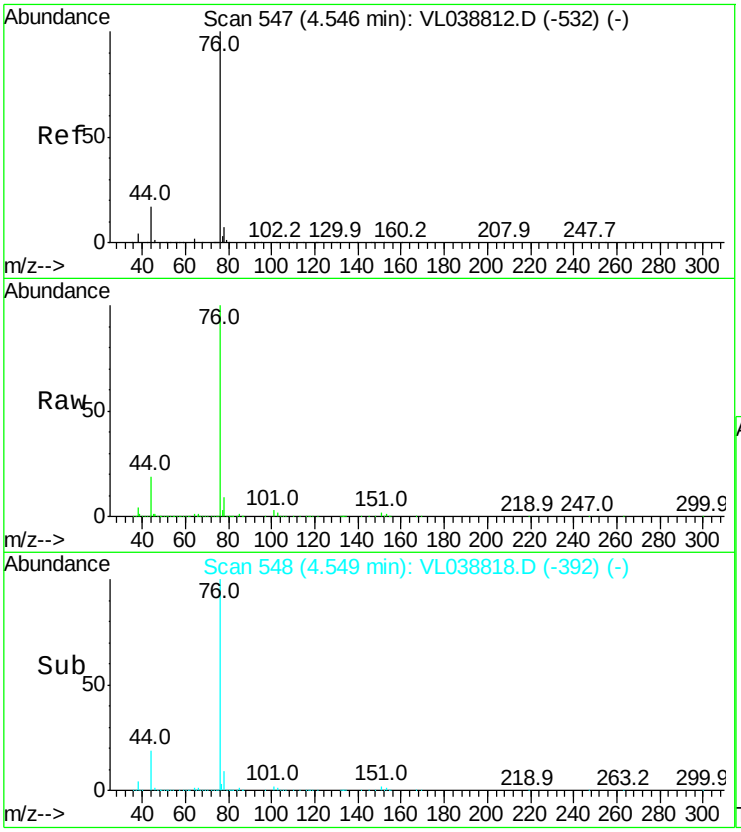


#26
Hexane
Concen: 16.10 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.00 min
Lab File: VL038818.D
Acq: 5 Apr 2022 19:44

Tgt Ion: 57 Resp: 2267955

Ion	Ratio	Lower	Upper
57	100		
41	89.3	72.0	108.0
43	233.8	186.6	280.0
56	53.6	42.8	64.2



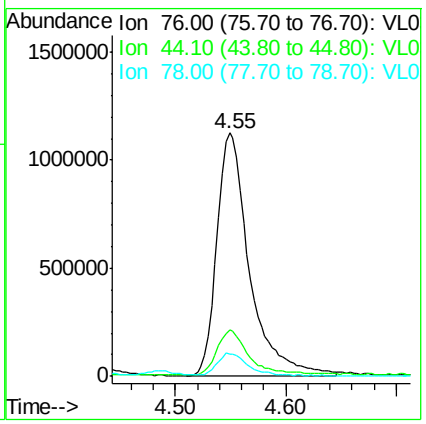


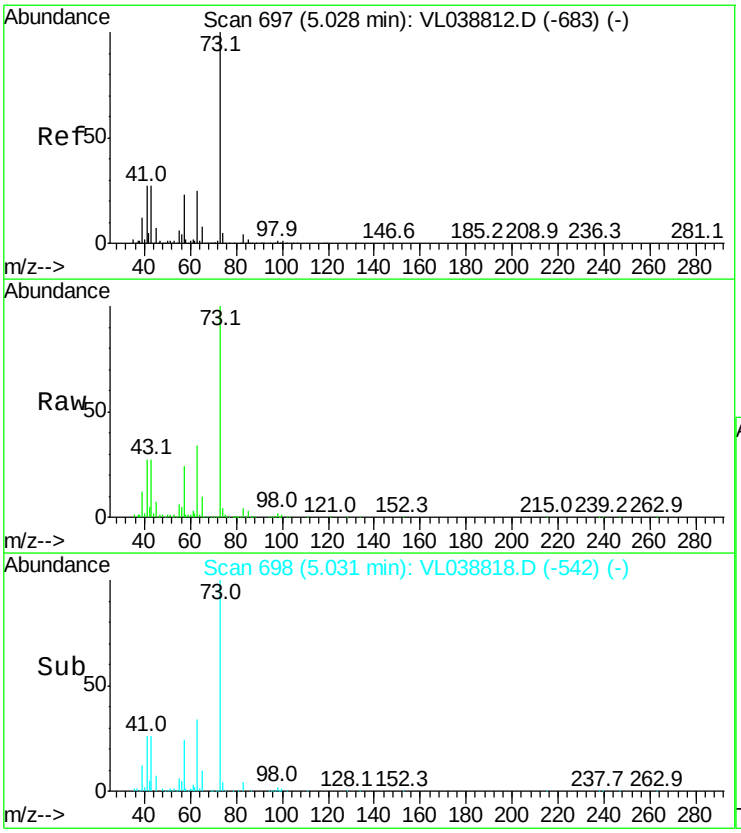
#27
Carbon Disulfide
Concen: 16.63 ppbv
RT: 4.55
Delta R.T
Lab File:
Acq: 5 Apr 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 76 Resp: 2298635

Ion	Ratio	Lower	Upper
76	100		
44	19.4	15.7	23.5
78	10.1	7.8	11.8

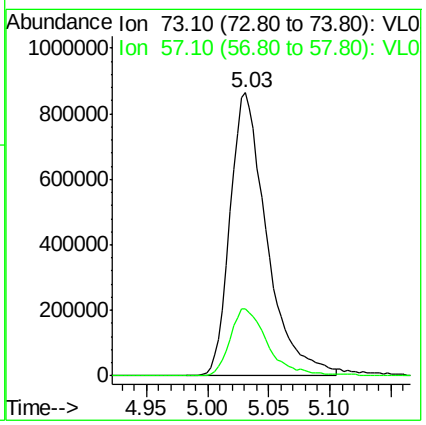


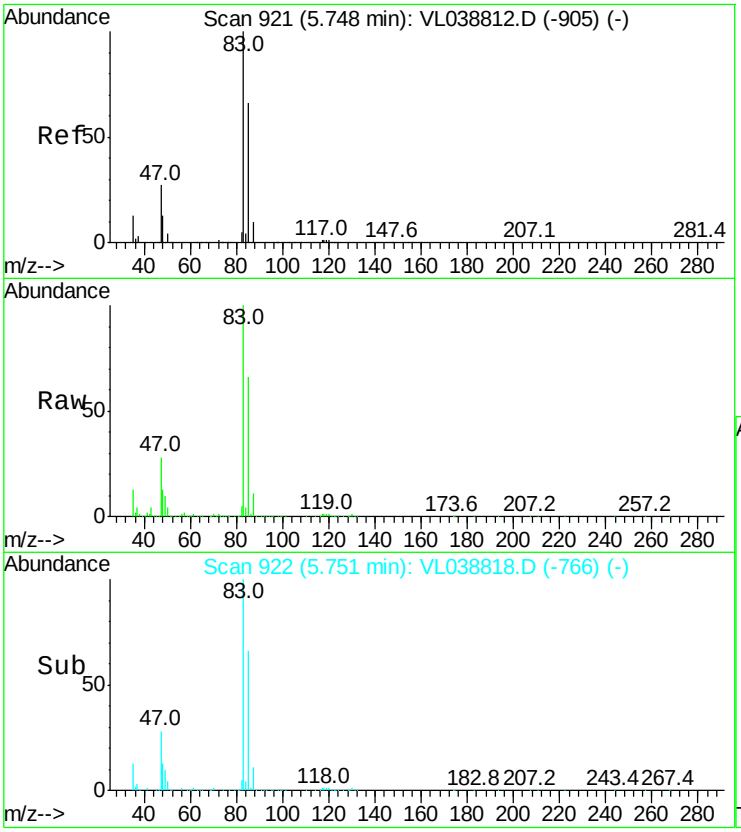


#28
Methyl tert-Butyl Ether
Concen: 17.28 ppbv
RT: 5.03 min Scan# 698
Delta R.T. 0.00 min
Lab File: VL038818.D
Acq: 5 Apr 2022 19:44

Tgt Ion: 73 Resp: 1813913

Ion	Ratio	Lower	Upper
73	100		
57	24.3	19.7	29.5



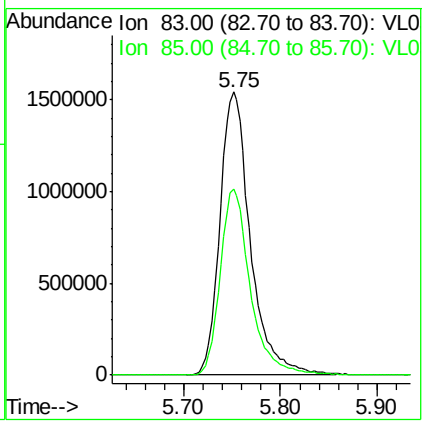


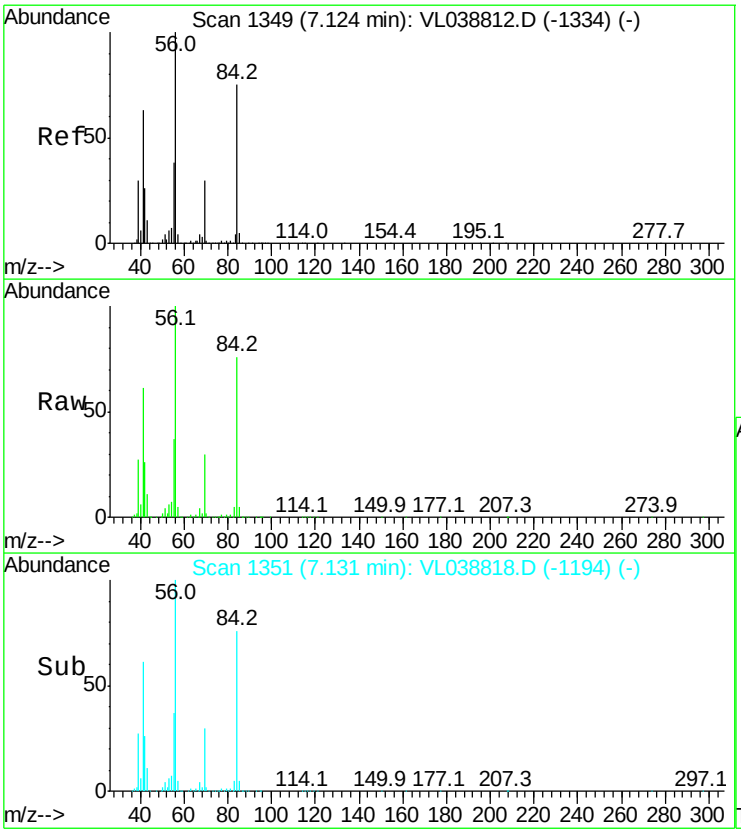
#29
Chloroform
Concen: 14.94 ppbv
RT: 5.75
Delta R.T
Lab File:
Acq: 5 Apr 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 83 Resp: 3369598

Ion	Ratio	Lower	Upper
83	100		
85	65.9	52.5	78.7

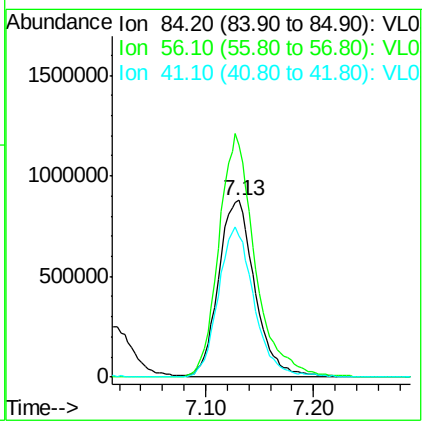


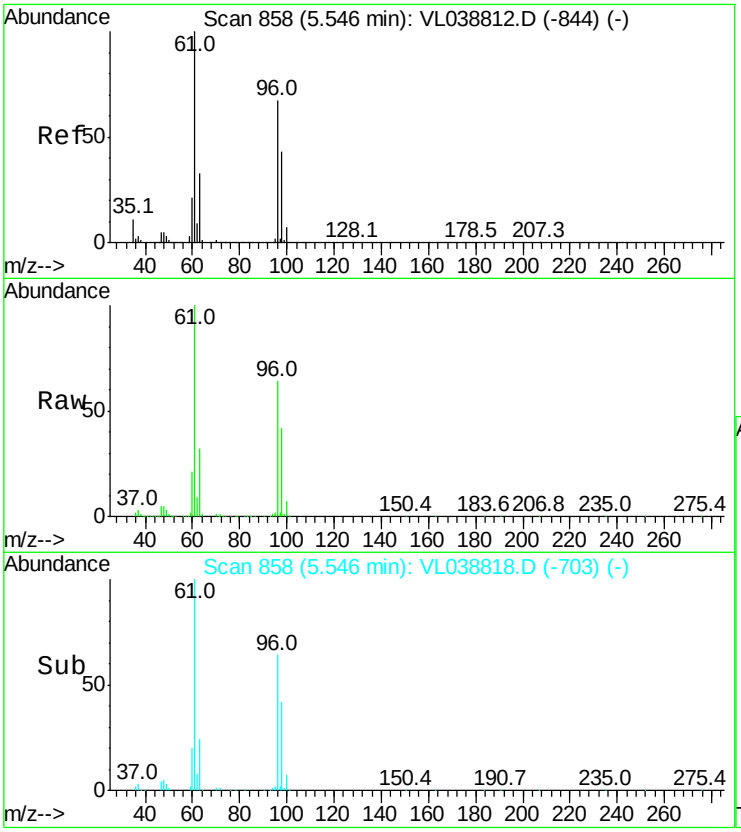


#30
Cyclohexane
Concen: 16.62 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VL038818.D
Acq: 5 Apr 2022 19:44

Tgt Ion: 84 Resp: 2036195

Ion	Ratio	Lower	Upper
84	100		
56	139.0	114.4	171.6
41	84.2	69.0	103.4



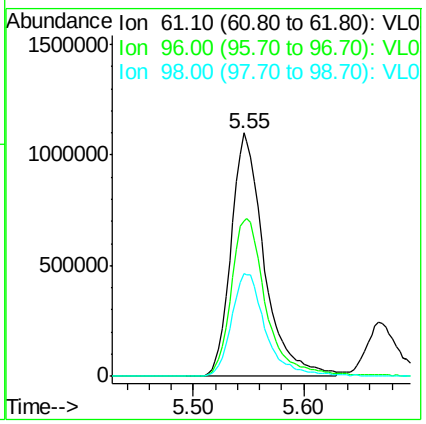


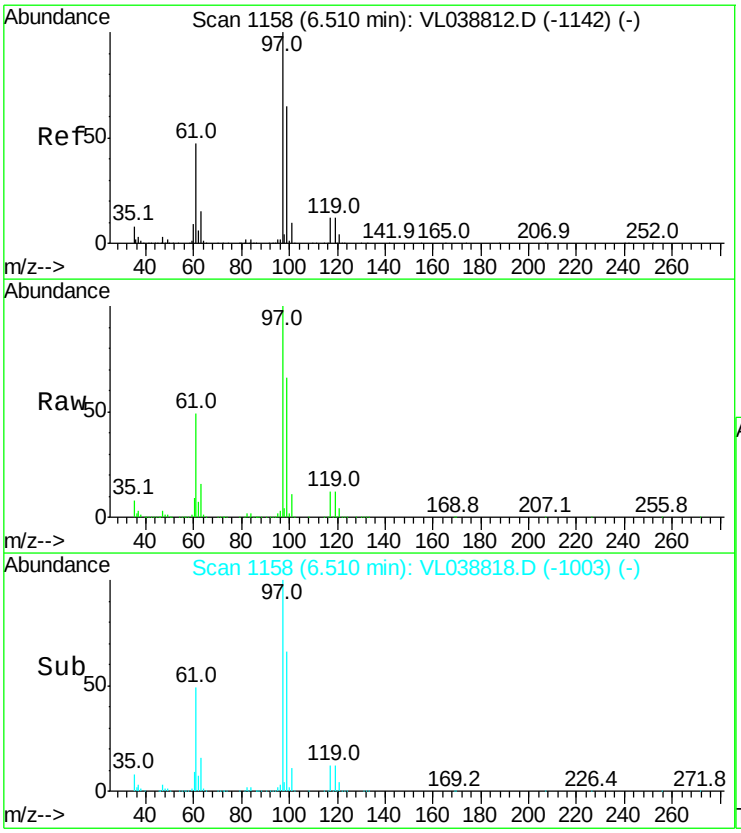
#31
cis-1,2-Dichloroethene
Concen: 17.22 ppbv
RT: 5.55
Delta R.T
Lab File:
Acq: 5 Apr 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 61 Resp: 2281414

Ion	Ratio	Lower	Upper
61	100		
96	63.5	53.4	80.0
98	42.2	34.2	51.4

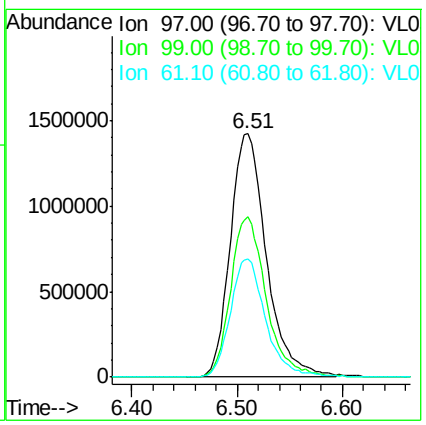


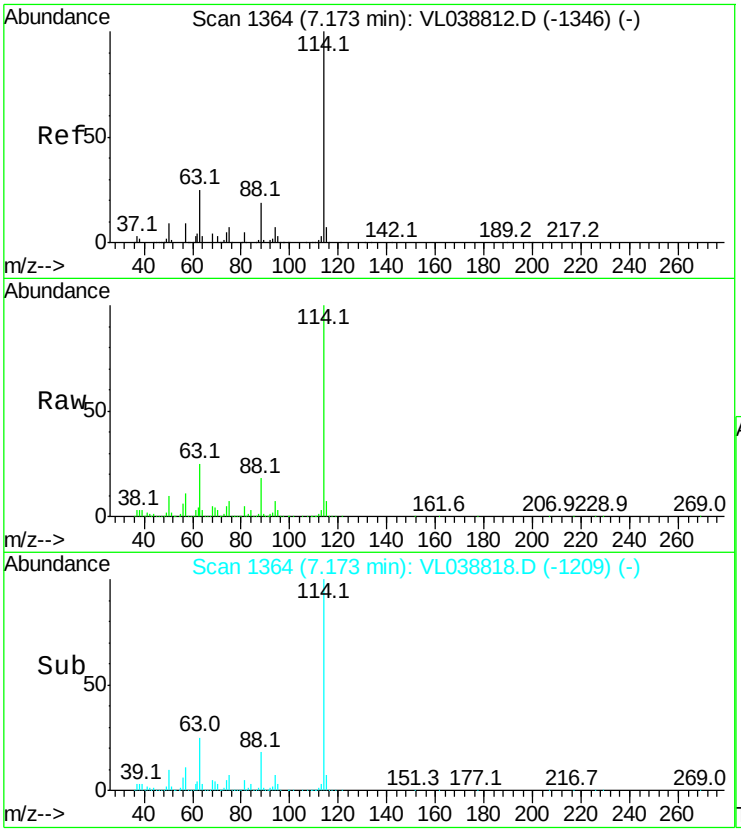


#32
1,1,1-Trichloroethane
Concen: 15.51 ppbv
RT: 6.51 min Scan# 1158
Delta R.T. -0.00 min
Lab File: VL038818.D
Acq: 5 Apr 2022 19:44

Tgt Ion: 97 Resp: 3376091

Ion	Ratio	Lower	Upper
97	100		
99	65.2	52.4	78.6
61	47.6	38.6	57.8



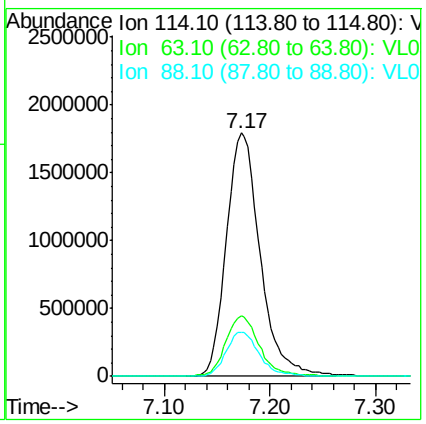


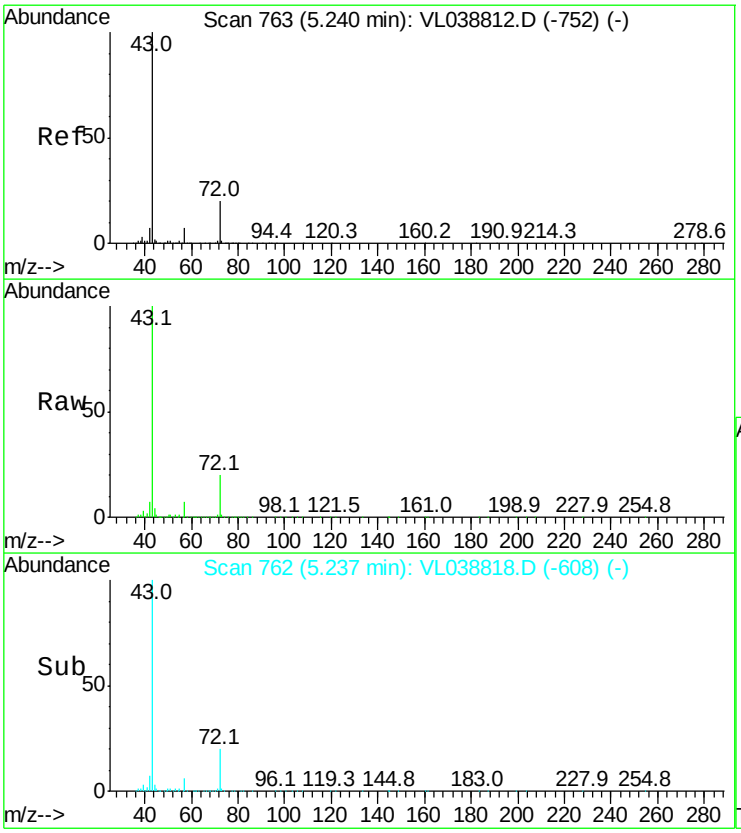
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 5 Apr 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:114 Resp: 3983311

Ion	Ratio	Lower	Upper
114	100		
63	25.3	19.8	29.8
88	18.2	14.2	21.4

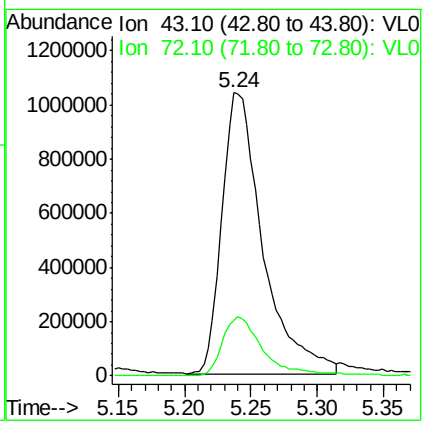


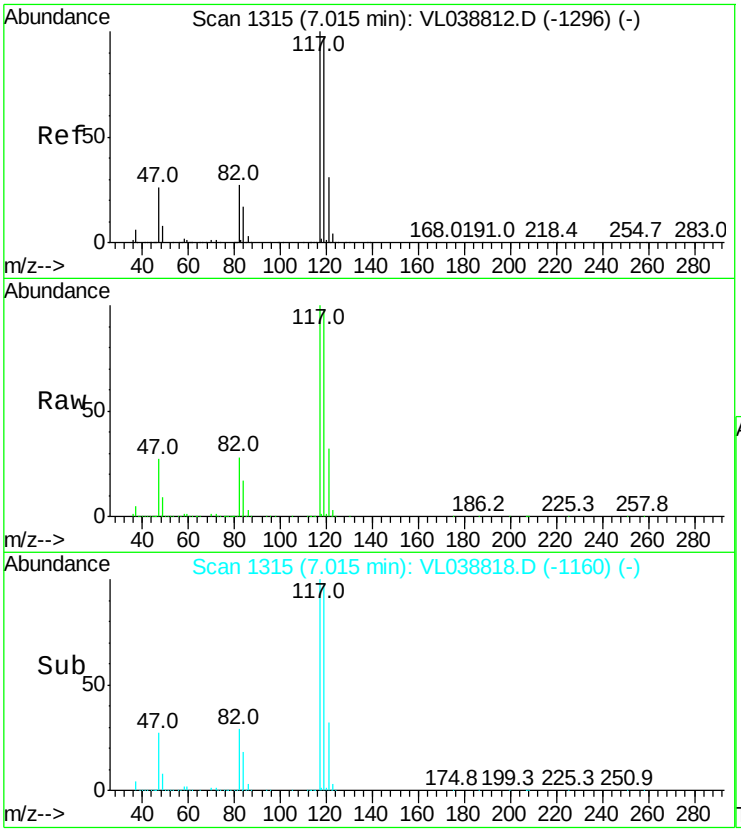


#34
2-Butanone
Concen: 14.16 ppbv
RT: 5.24 min Scan# 762
Delta R.T. -0.00 min
Lab File: VL038818.D
Acq: 5 Apr 2022 19:44

Tgt Ion: 43 Resp: 2233139

Ion	Ratio	Lower	Upper
43	100		
72	21.6	16.9	25.3



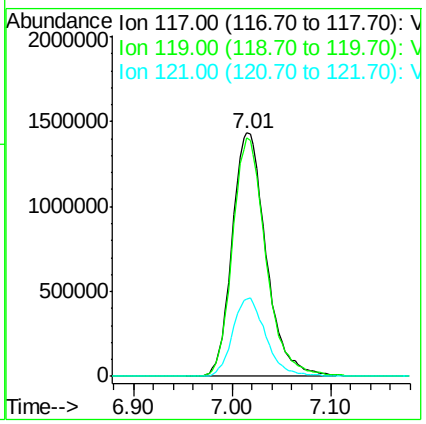


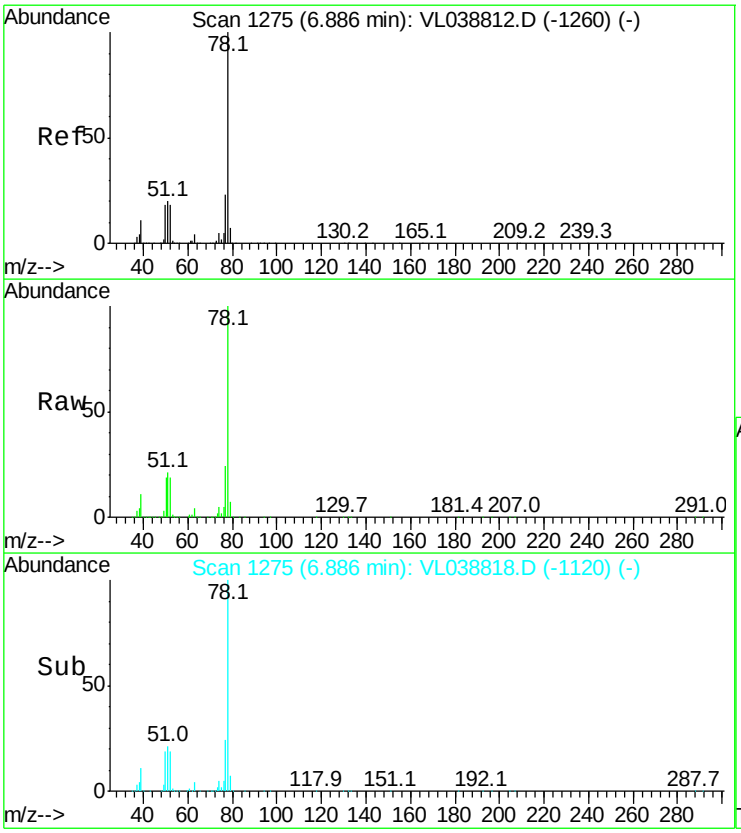
#35
Carbon Tetrachloride
Concen: 14.80 ppbv
RT: 7.01
Delta R.T
Lab File:
Acq: 5 Apr 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:117 Resp: 3420075

Ion	Ratio	Lower	Upper
117	100		
119	97.8	77.7	116.5
121	31.5	24.5	36.7

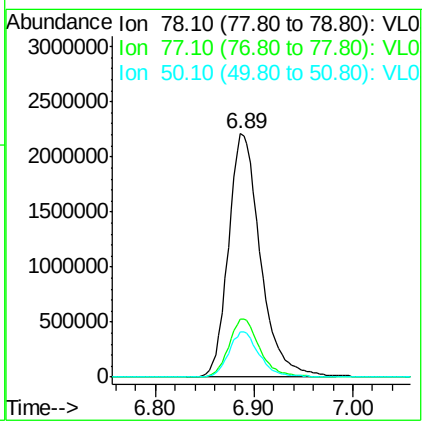


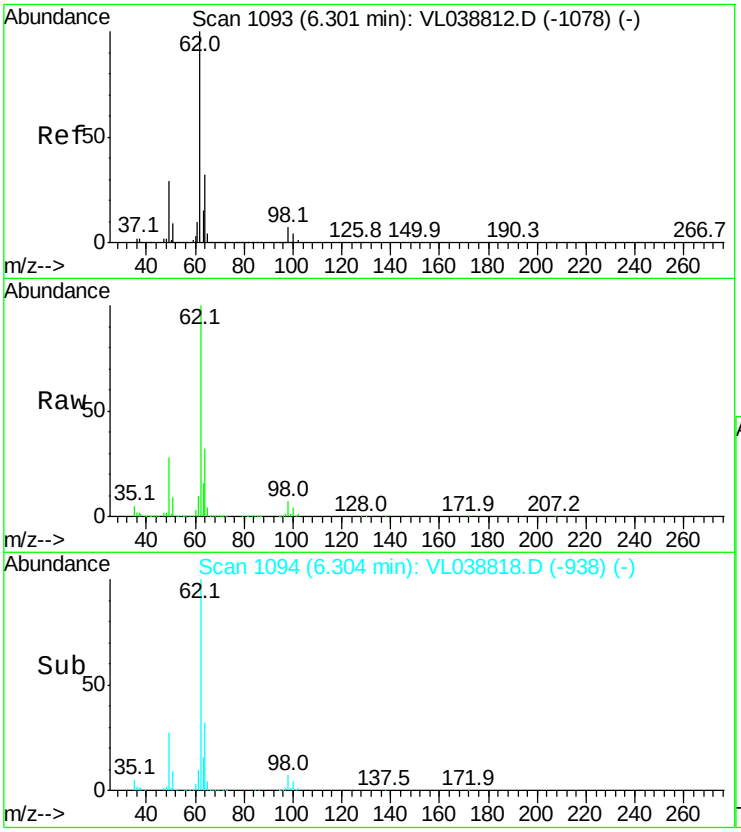


#36
Benzene
Concen: 16.24 ppbv
RT: 6.89 min Scan# 1275
Delta R.T. -0.00 min
Lab File: VL038818.D
Acq: 5 Apr 2022 19:44

Tgt Ion: 78 Resp: 4992139

Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.2	27.2
50	18.7	14.0	21.0



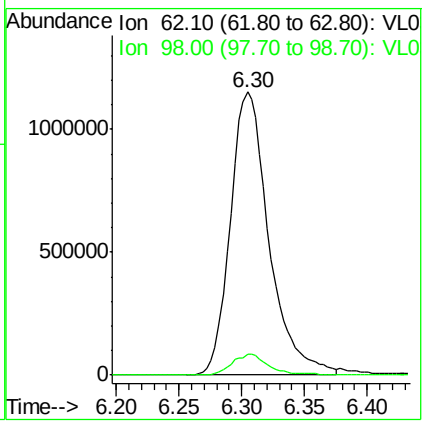


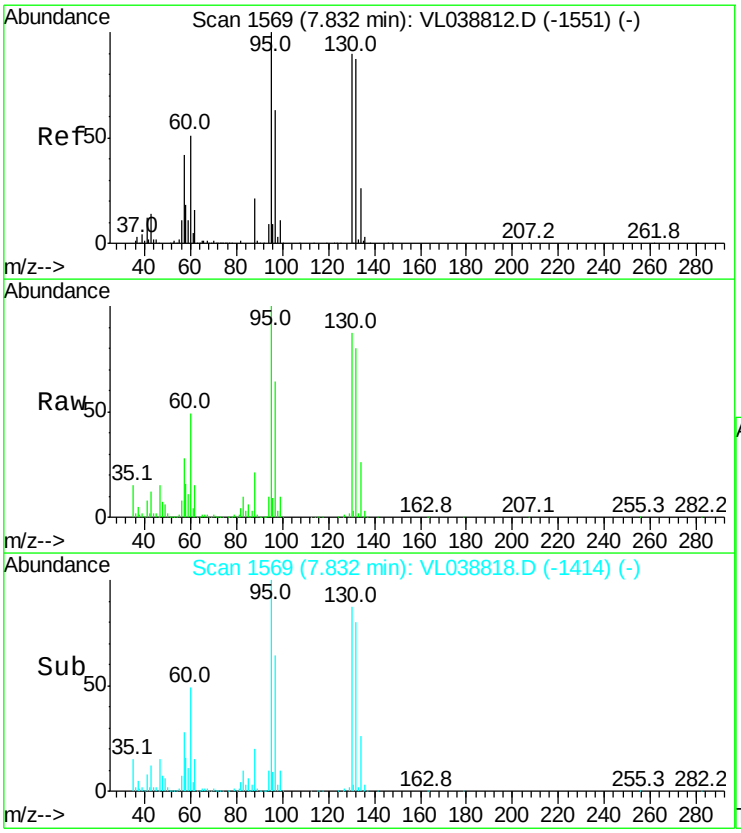
#37
1,2-Dichloroethane
Concen: 15.79 ppbv
RT: 6.30
Delta R.T
Lab File:
Acq: 5 Apr 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 62 Resp: 2469653

Ion	Ratio	Lower	Upper
62	100		
98	7.4	5.9	8.9

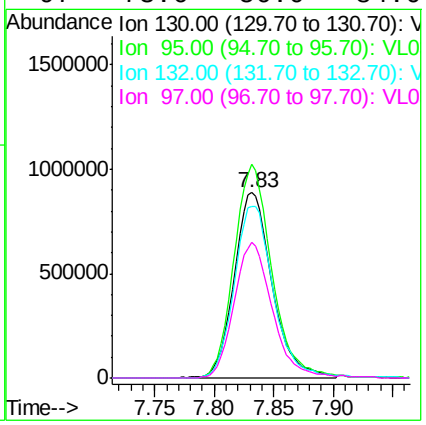


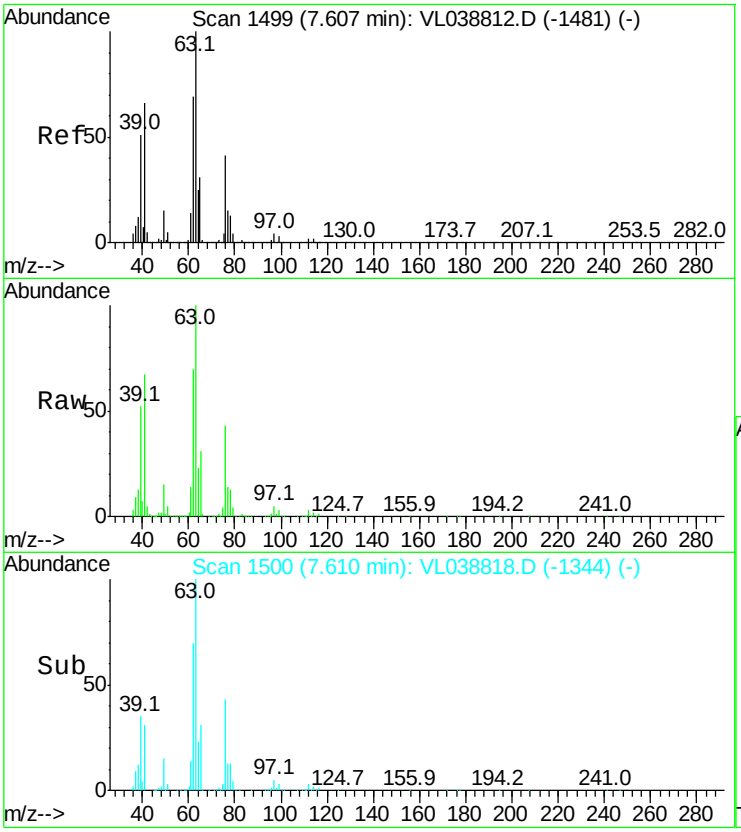


#38
Trichloroethene
Concen: 15.11 ppbv
RT: 7.83 min Scan# 1569
Delta R.T. -0.00 min
Lab File: VL038818.D
Acq: 5 Apr 2022 19:44

Tgt Ion:130 Resp: 1945752

Ion	Ratio	Lower	Upper
130	100		
95	115.4	89.4	134.0
132	92.5	77.7	116.5
97	73.6	56.0	84.0



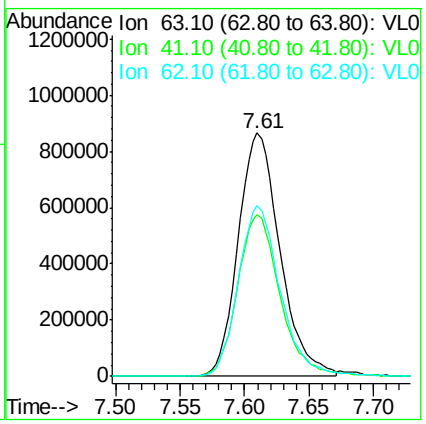


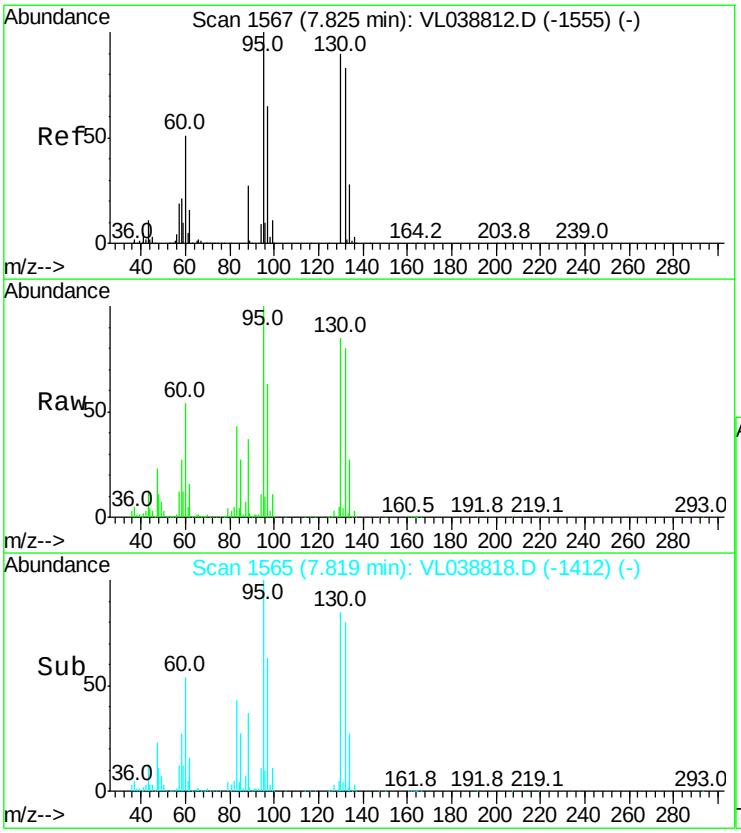
#39
1,2-Dichloropropane
Concen: 16.28 ppbv
RT: 7.61
Delta R.T
Lab File:
Acq: 5 Apr 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 63 Resp: 1956831

Ion	Ratio	Lower	Upper
63	100		
41	66.6	53.0	79.6
62	69.9	55.0	82.4

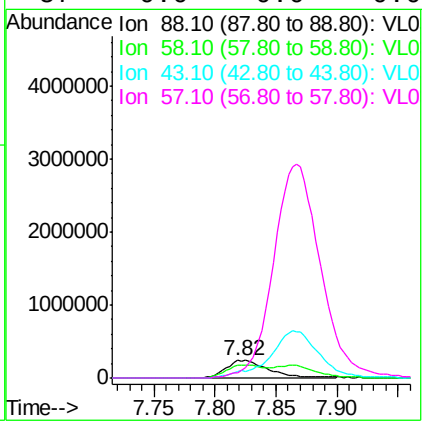


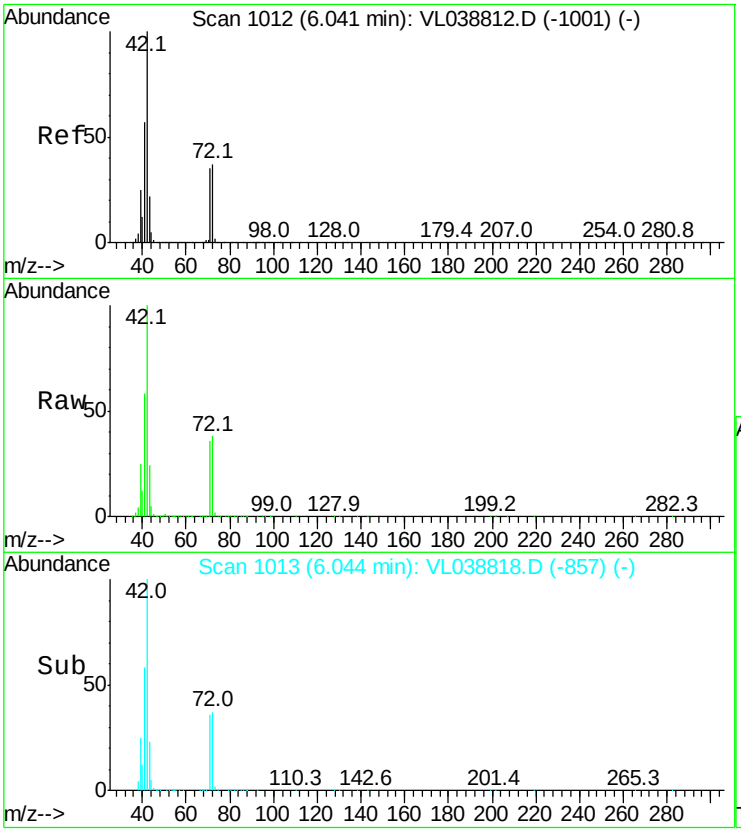


#40
1,4-Dioxane
Concen: 13.99 ppbv
RT: 7.82 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VL038818.D
Acq: 5 Apr 2022 19:44

Tgt Ion: 88 Resp: 583833

Ion	Ratio	Lower	Upper
88	100		
58	66.6	49.4	74.0
43	0.0	0.0	0.0
57	0.0	0.0	0.0



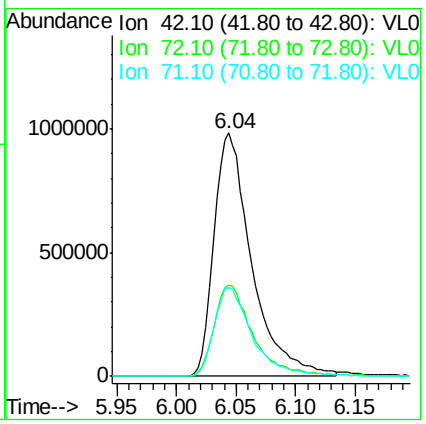


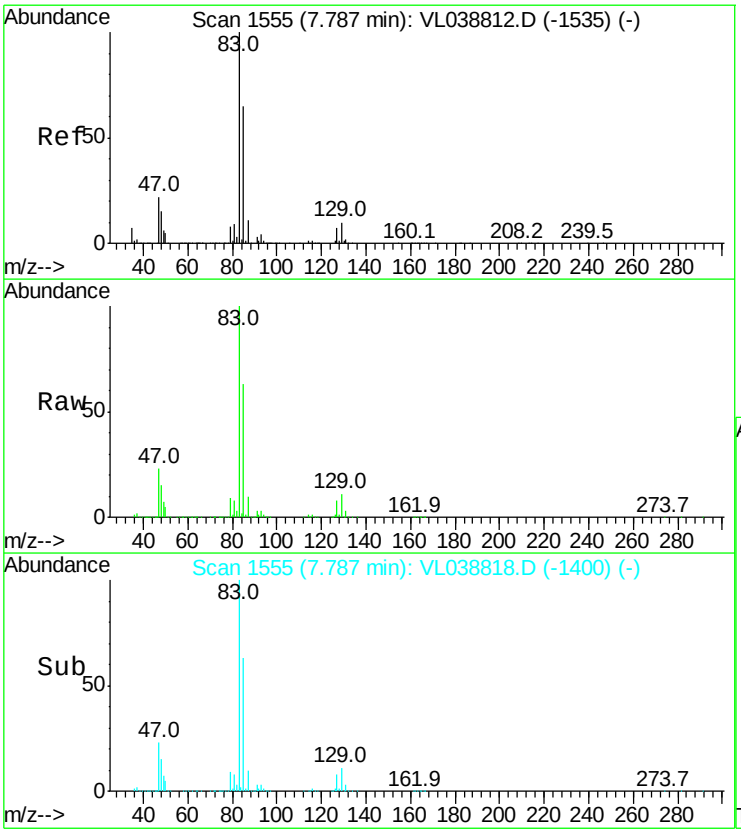
#41
Tetrahydrofuran
Concen: 18.38 ppbv
RT: 6.04
Delta R.T
Lab File:
Acq: 5 Apr 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 42 Resp: 2156598

Ion	Ratio	Lower	Upper
42	100		
72	39.0	31.4	47.0
71	37.5	30.2	45.4

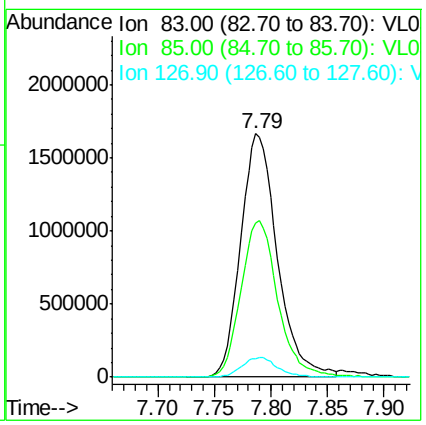


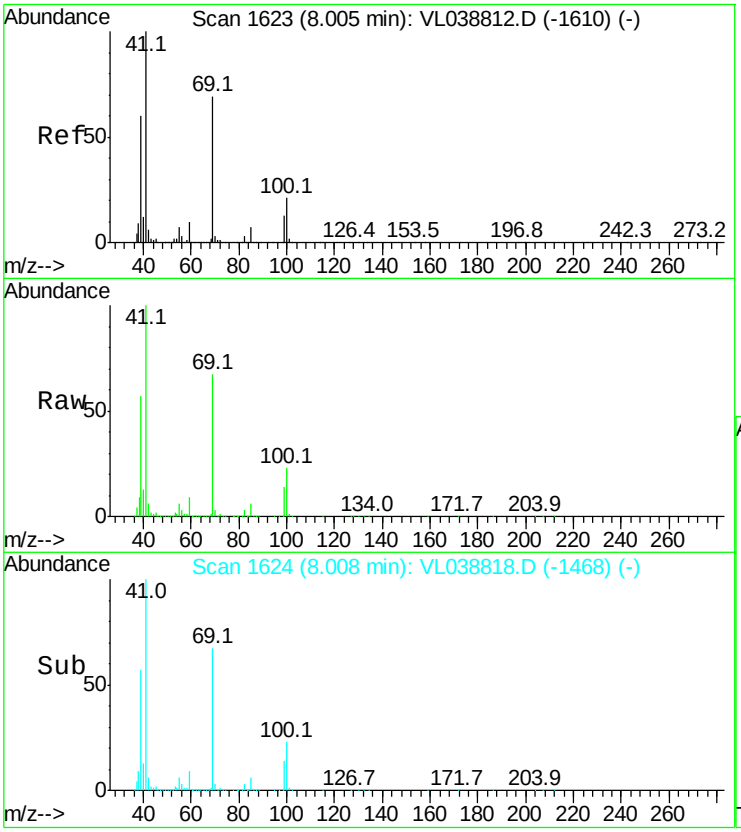


#42
Bromodichloromethane
Concen: 16.03 ppbv
RT: 7.79 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VL038818.D
Acq: 5 Apr 2022 19:44

Tgt Ion: 83 Resp: 3758785

Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.7	77.5
127	7.8	5.9	8.9



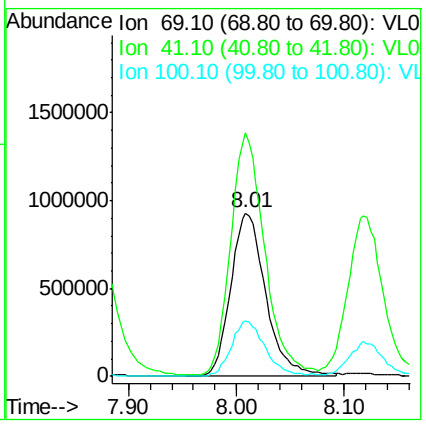


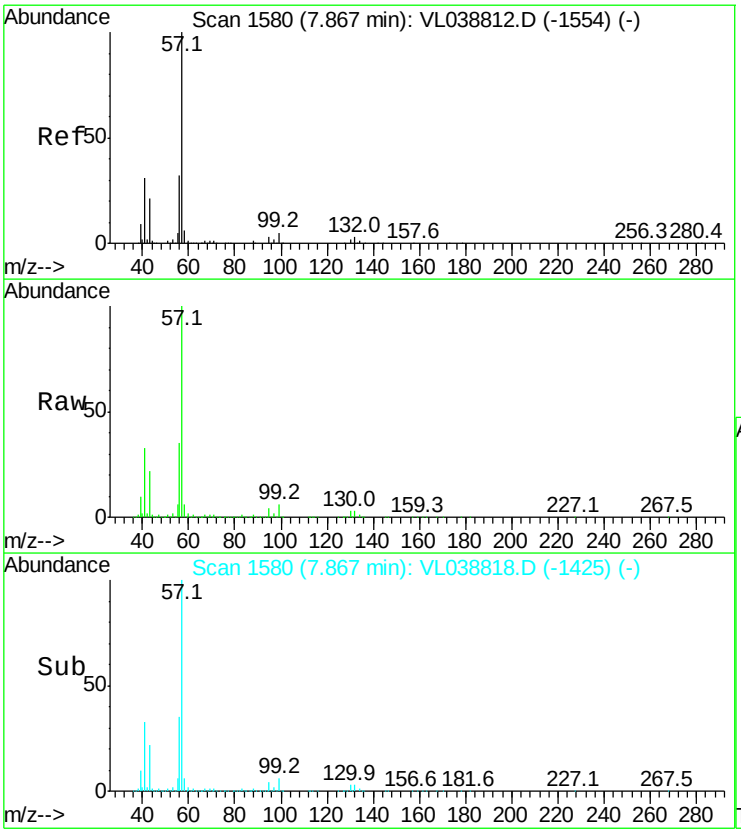
#43
Methyl Methacrylate
Concen: 18.41 ppbv
RT: 8.01
Delta R.T
Lab File:
Acq: 5 Apr 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 69 Resp: 2101454

Ion	Ratio	Lower	Upper
69	100		
41	145.5	119.0	178.4
100	33.0	26.4	39.6

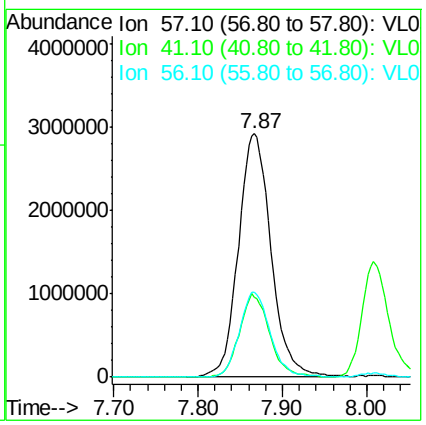


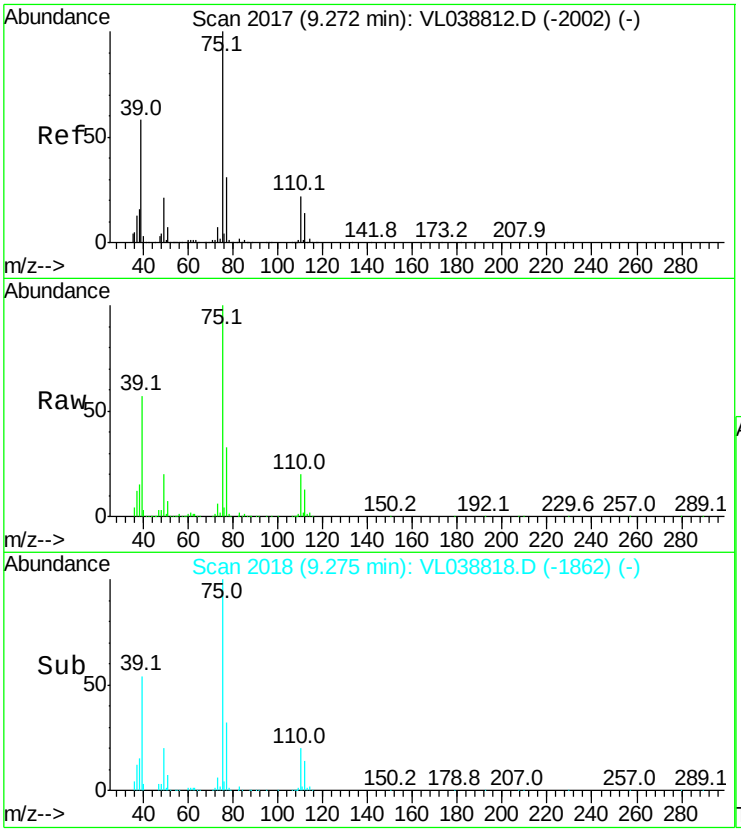


#44
2,2,4-Trimethylpentane
Concen: 15.30 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. -0.00 min
Lab File: VL038818.D
Acq: 5 Apr 2022 19:44

Tgt Ion: 57 Resp: 7896386

Ion	Ratio	Lower	Upper
57	100		
41	31.5	25.0	37.4
56	32.8	25.3	37.9



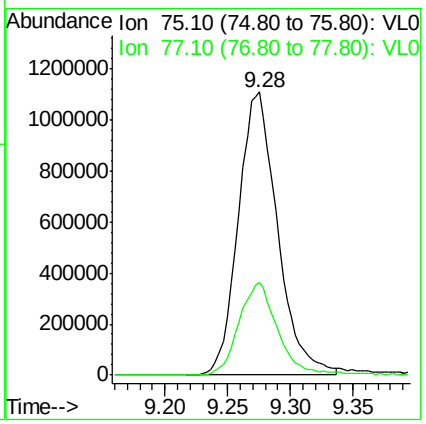


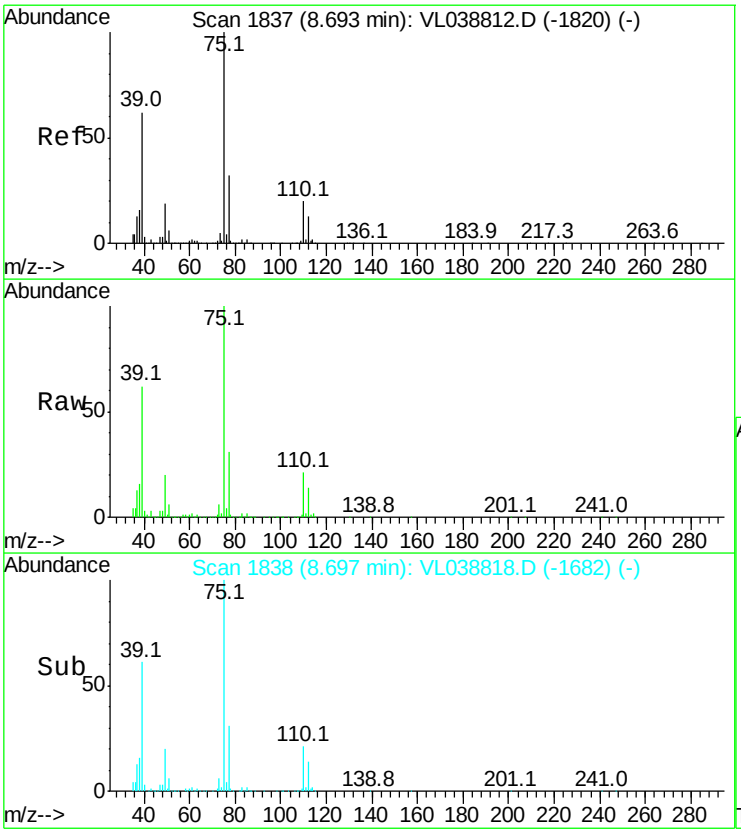
#45
t-1,3-Dichloropropene
Concen: 20.77 ppbv
RT: 9.28
Delta R.T
Lab File:
Acq: 5 Apr 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 75 Resp: 2410653

Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.0	37.4

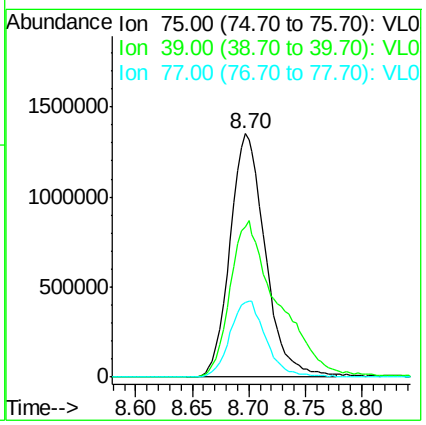


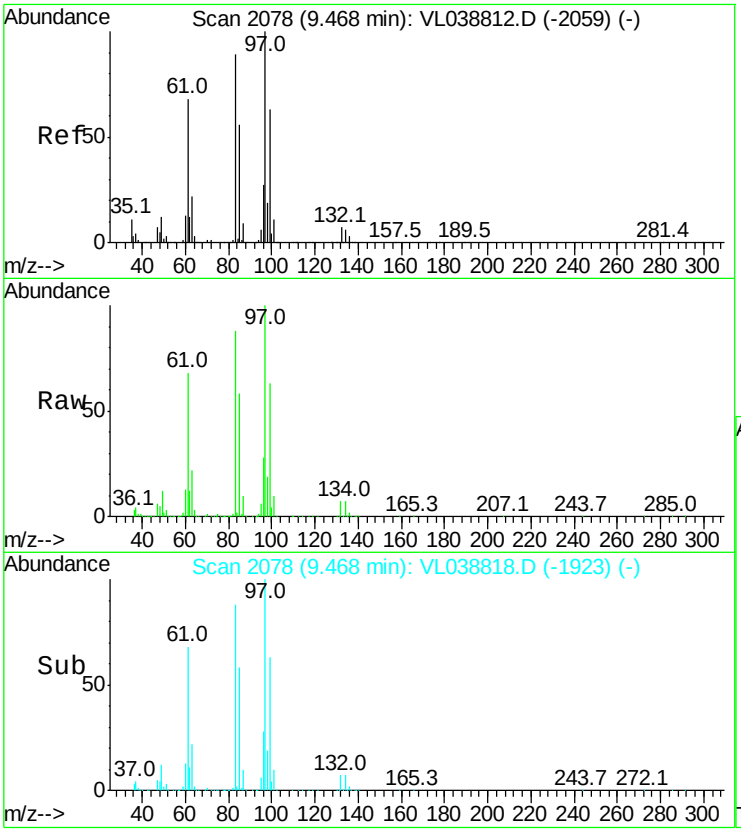


#46
cis-1,3-Dichloropropene
Concen: 18.67 ppbv
RT: 8.70 min Scan# 1838
Delta R.T. 0.00 min
Lab File: VL038818.D
Acq: 5 Apr 2022 19:44

Tgt Ion: 75 Resp: 2930143

Ion	Ratio	Lower	Upper
75	100		
39	61.6	49.7	74.5
77	30.9	25.6	38.4



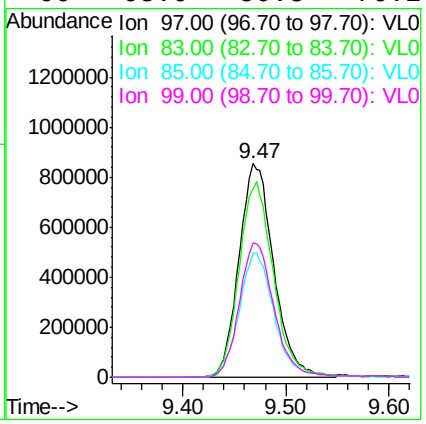


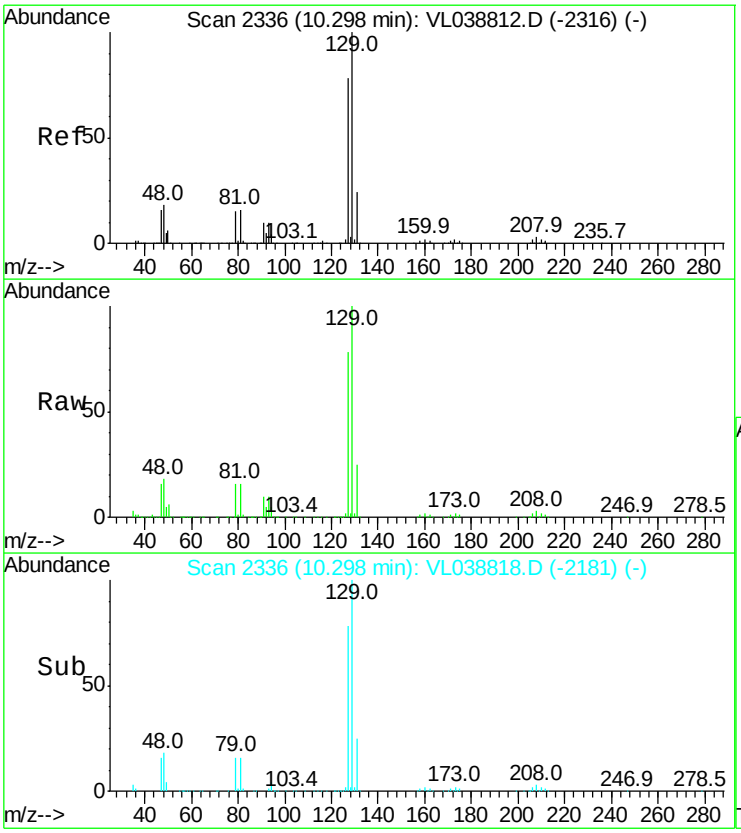
#47
1,1,2-Trichloroethane
Concen: 15.58 ppbv
RT: 9.47
Delta R.T
Lab File:
Acq: 5 Apr 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 97 Resp: 1999677

Ion	Ratio	Lower	Upper
97	100		
83	88.0	71.1	106.7
85	57.8	45.1	67.7
99	63.0	50.8	76.2

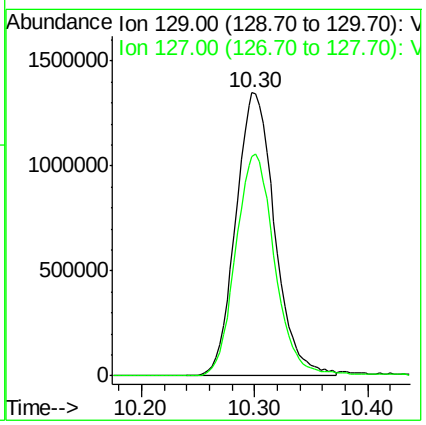


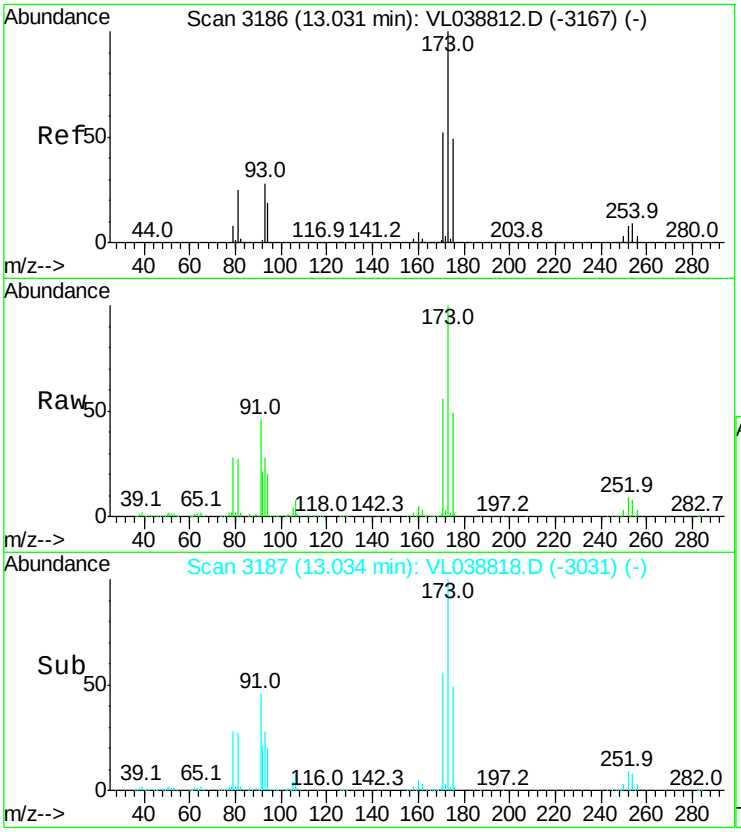


#48
Dibromochloromethane
Concen: 16.07 ppbv
RT: 10.30 min Scan# 2336
Delta R.T. -0.00 min
Lab File: VL038818.D
Acq: 5 Apr 2022 19:44

Tgt Ion:129 Resp: 3229745

Ion	Ratio	Lower	Upper
129	100		
127	79.3	38.9	116.6



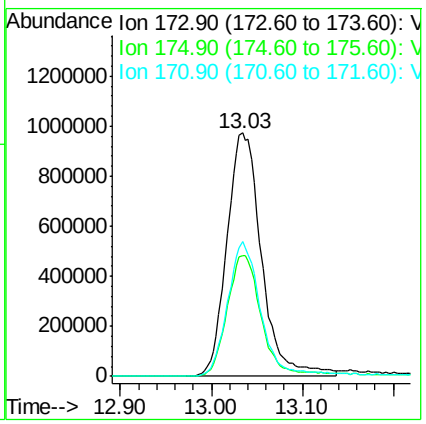


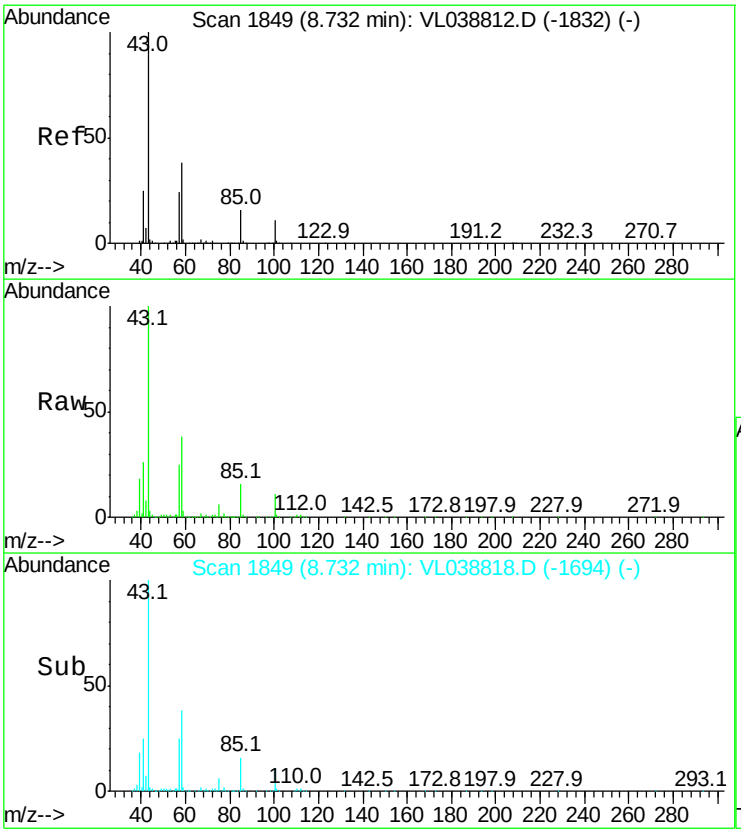
#49
Bromoform
Concen: 15.72 ppbv
RT: 13.03
Delta R.T
Lab File:
Acq: 5 Apr 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:173 Resp: 2575296

Ion	Ratio	Lower	Upper
173	100		
175	49.9	39.9	59.9
171	54.7	43.4	65.0

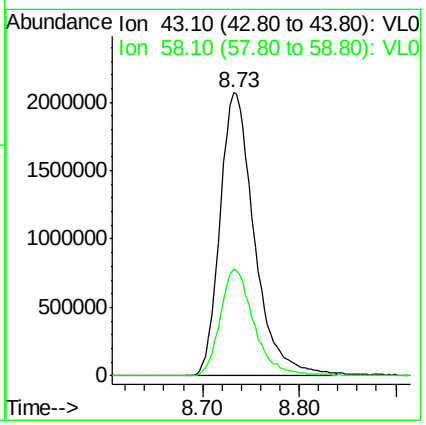


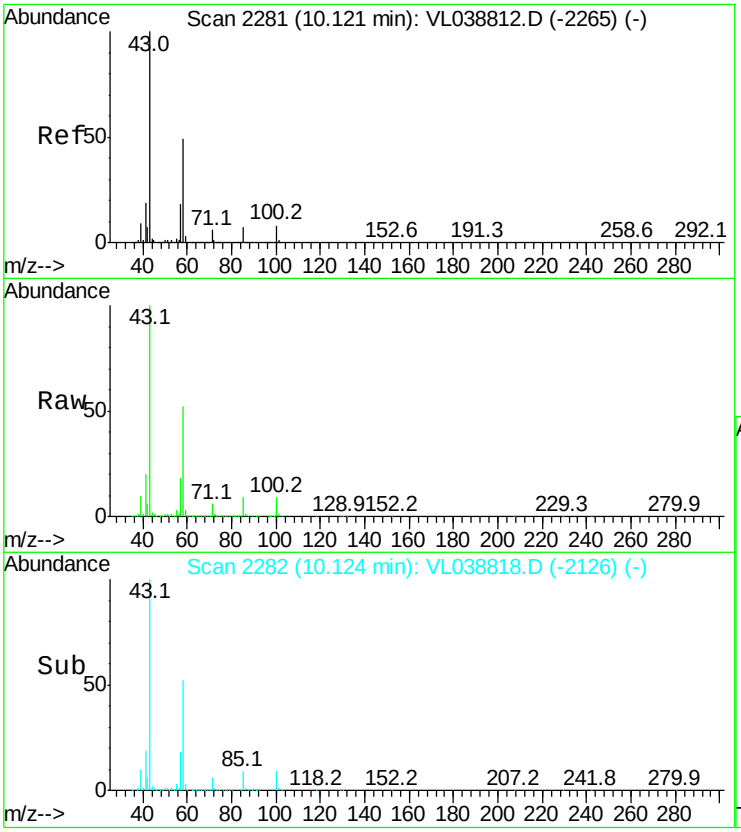


#50
4-Methyl-2-Pentanone
Concen: 17.41 ppbv
RT: 8.73 min Scan# 1849
Delta R.T. -0.00 min
Lab File: VL038818.D
Acq: 5 Apr 2022 19:44

Tgt Ion: 43 Resp: 5103120

Ion	Ratio	Lower	Upper
43	100		
58	37.4	29.0	43.6



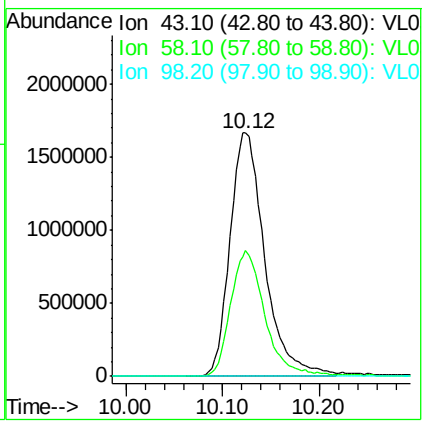


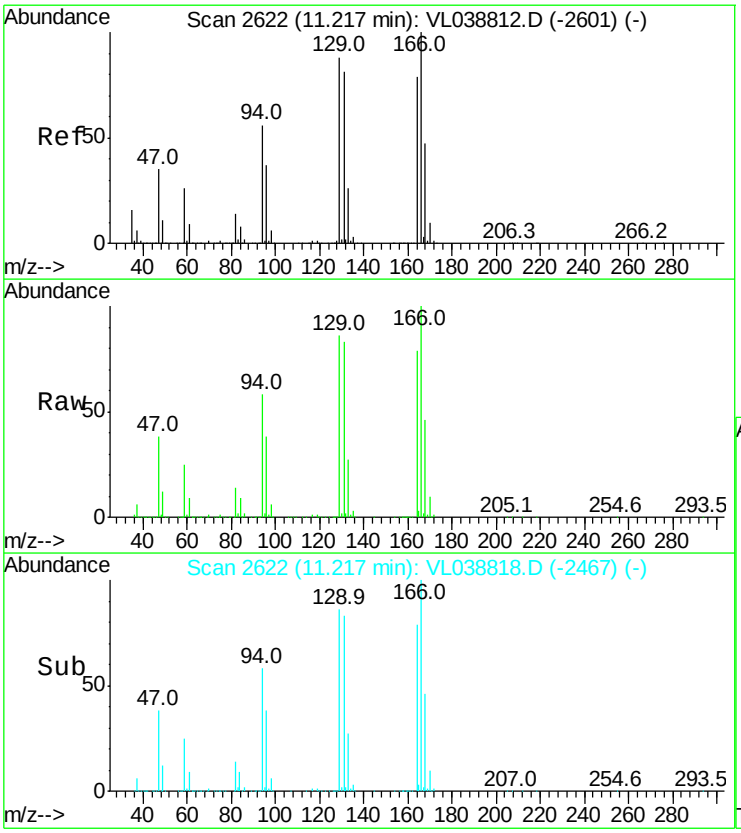
#51
2-Hexanone
Concen: 19.75 ppbv
RT: 10.12
Delta R.T
Lab File:
Acq: 5 Apr 2022 19:44

Instrument : MSVOA_L
ClientSampleId : VSTDICC015

Tgt Ion: 43 Resp: 4157398

Ion	Ratio	Lower	Upper
43	100		
58	52.0	41.4	62.0
98	0.0	0.1	0.1#

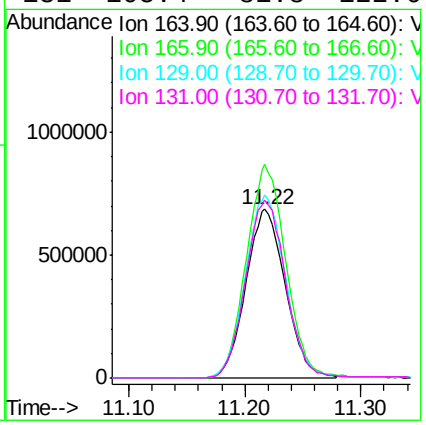


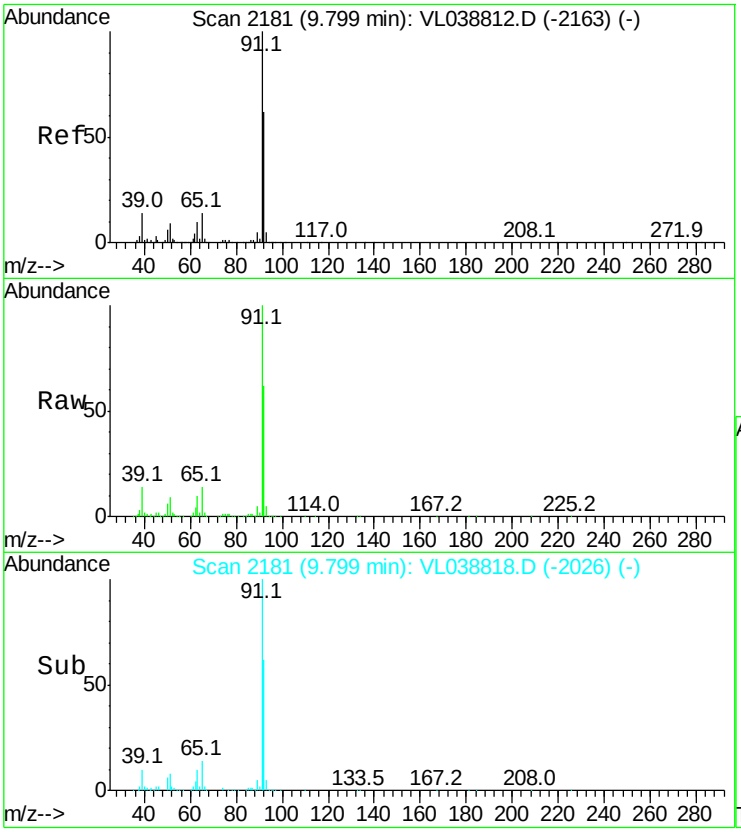


#52
Tetrachloroethene
Concen: 14.41 ppbv
RT: 11.22 min Scan# 2622
Delta R.T. -0.00 min
Lab File: VL038818.D
Acq: 5 Apr 2022 19:44

Tgt Ion:164 Resp: 1620805

Ion	Ratio	Lower	Upper
164	100		
166	126.4	101.0	151.6
129	108.5	88.7	133.1
131	105.4	81.8	122.6



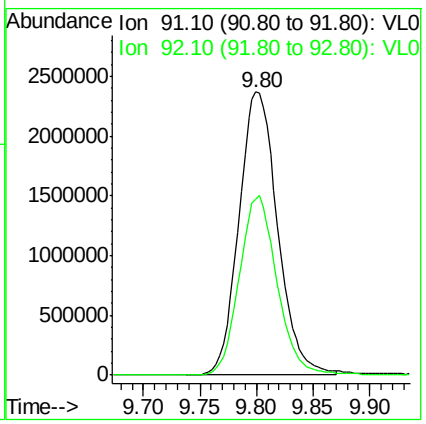


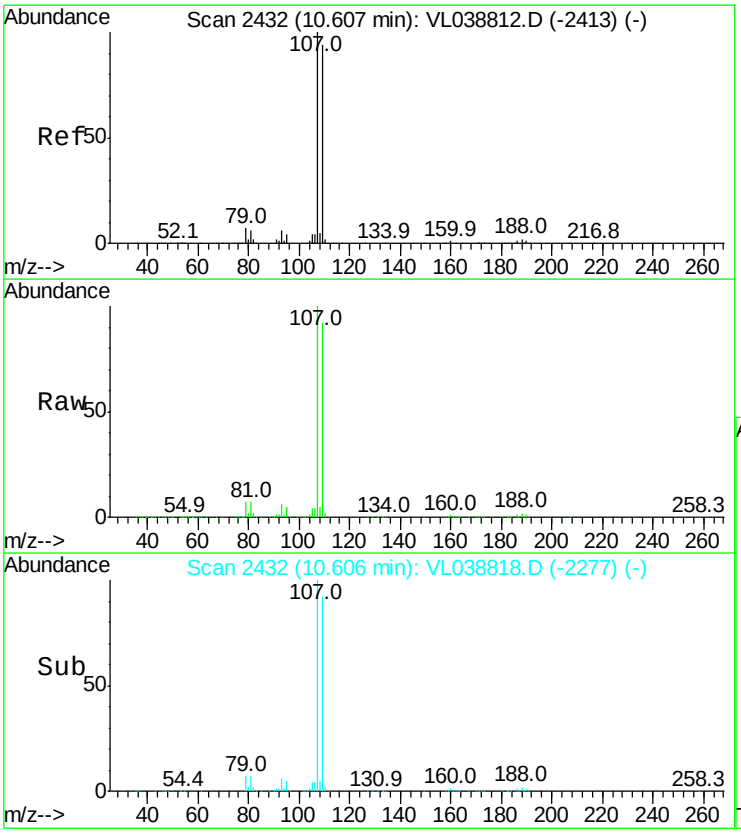
#53
Toluene
Concen: 17.08 ppbv
RT: 9.80
Delta R.T
Lab File:
Acq: 5 Apr 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp: 5642822

Ion	Ratio	Lower	Upper
91	100		
92	62.5	49.2	73.8

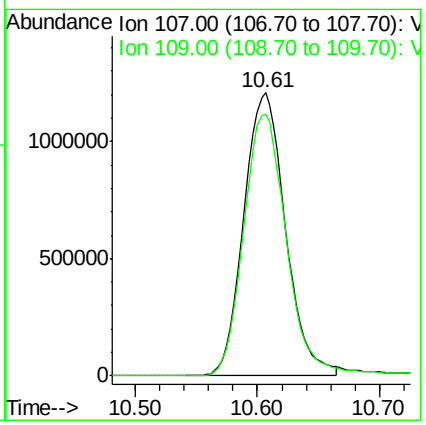


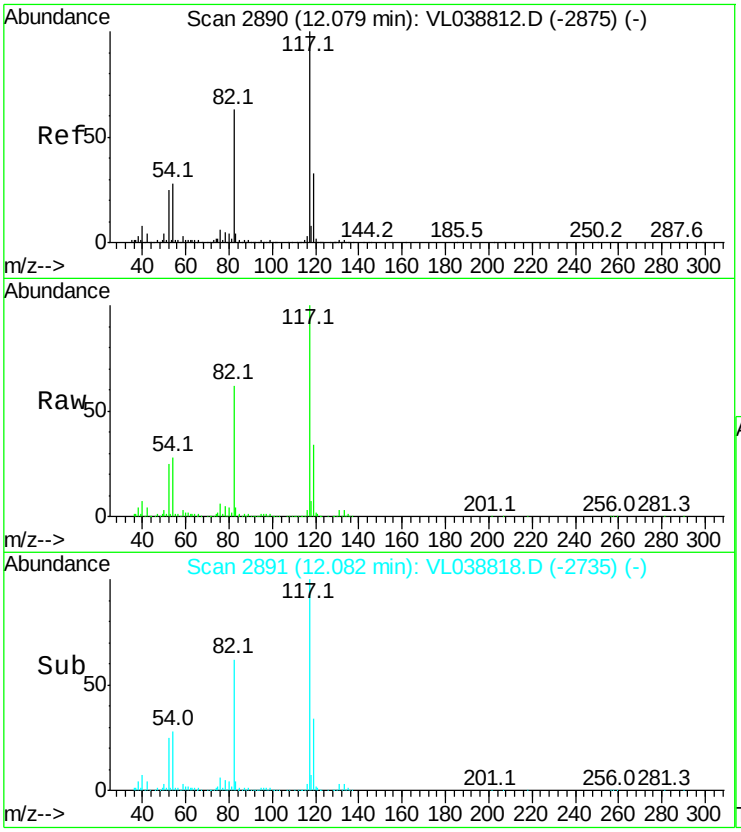


#54
1,2-Dibromoethane
Concen: 16.24 ppbv
RT: 10.61 min Scan# 2432
Delta R.T. -0.00 min
Lab File: VL038818.D
Acq: 5 Apr 2022 19:44

Tgt Ion:107 Resp: 2845647

Ion	Ratio	Lower	Upper
107	100		
109	92.5	75.5	113.3



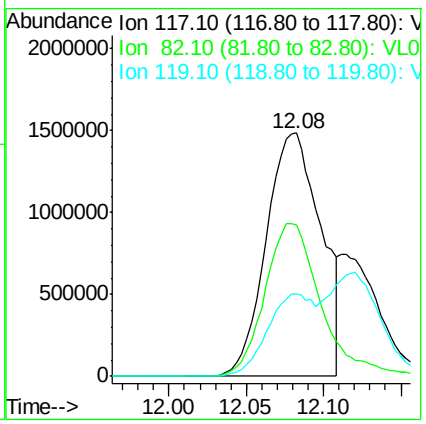


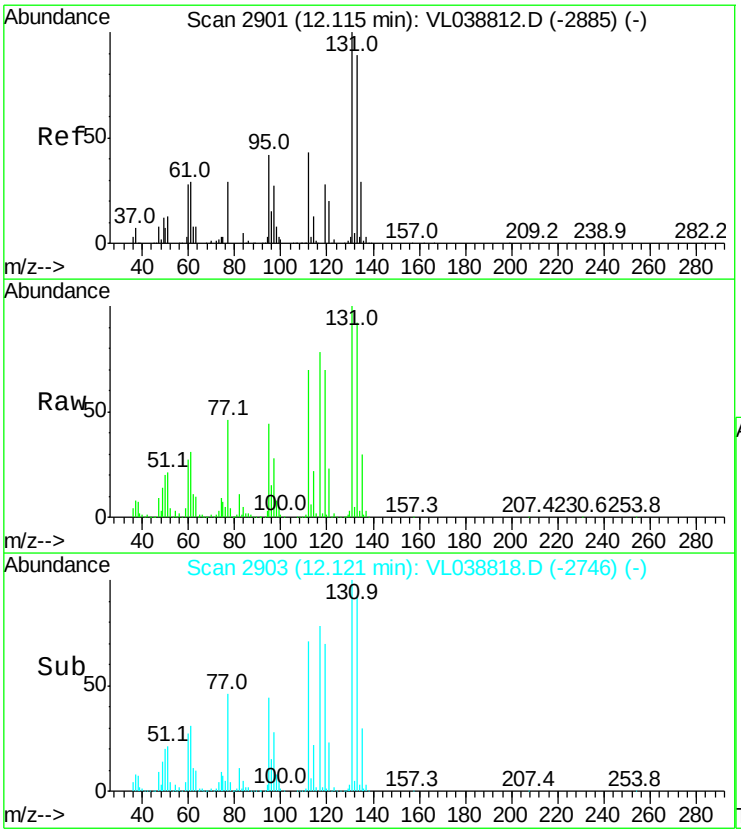
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.08
Delta R.T
Lab File:
Acq: 5 Apr 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:117 Resp: 3644857

Ion	Ratio	Lower	Upper
117	100		
82	66.5	53.0	79.6
119	0.0	24.9	37.3#

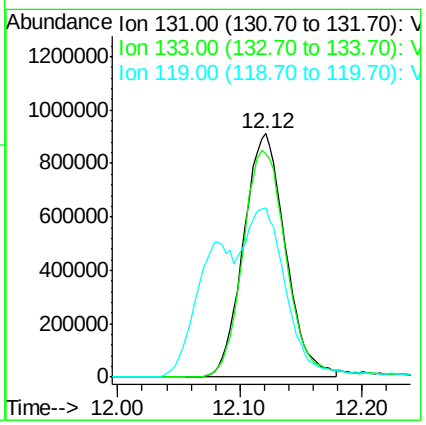


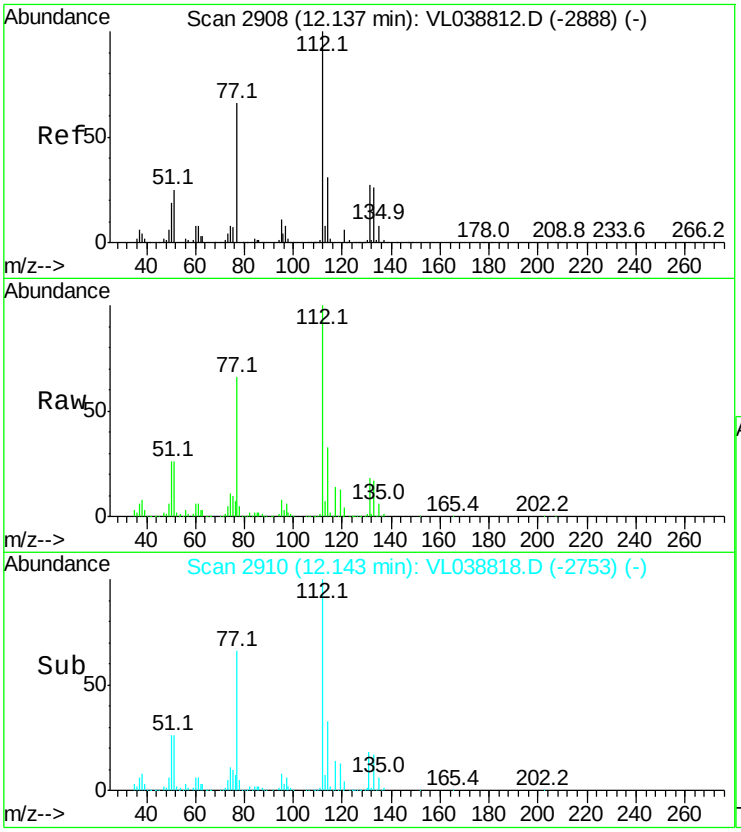


#56
1,1,1,2-Tetrachloroethane
Concen: 14.38 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. 0.01 min
Lab File: VL038818.D
Acq: 5 Apr 2022 19:44

Tgt Ion:131 Resp: 2173681

Ion	Ratio	Lower	Upper
131	100		
133	98.1	78.2	117.4
119	123.8	58.6	87.8#



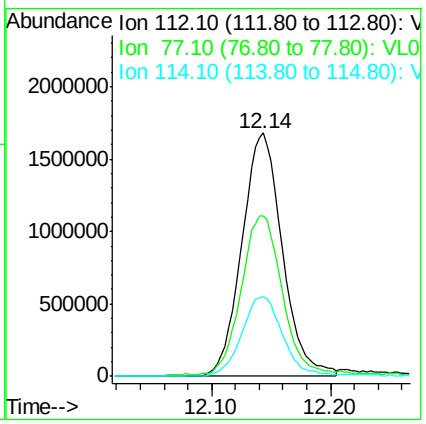


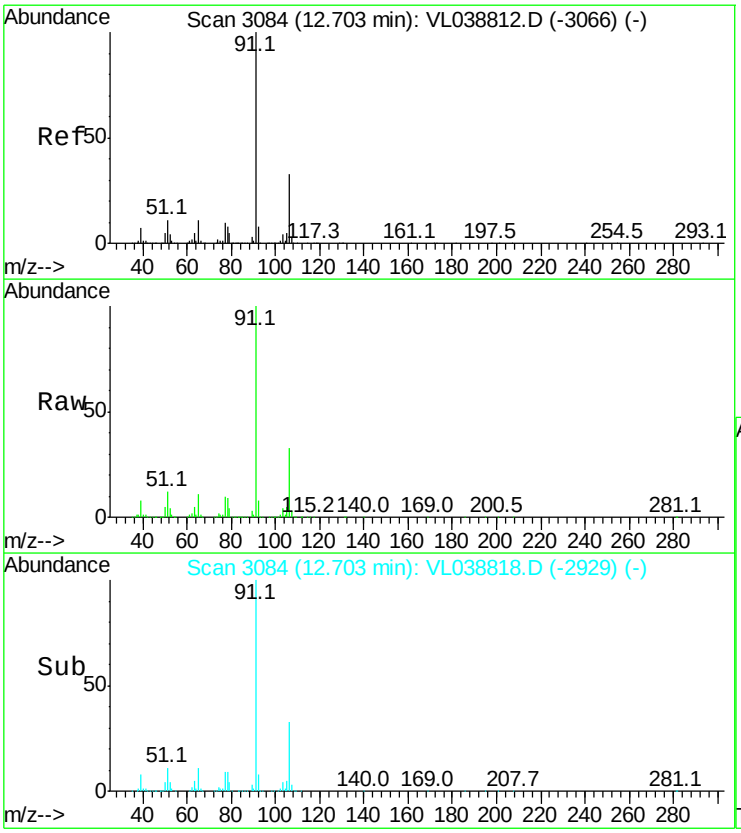
#57
Chlorobenzene
Concen: 15.03 ppbv
RT: 12.14
Delta R.T
Lab File:
Acq: 5 Apr 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:112 Resp: 3950521

Ion	Ratio	Lower	Upper
112	100		
77	64.9	52.4	78.6
114	32.5	28.1	34.3

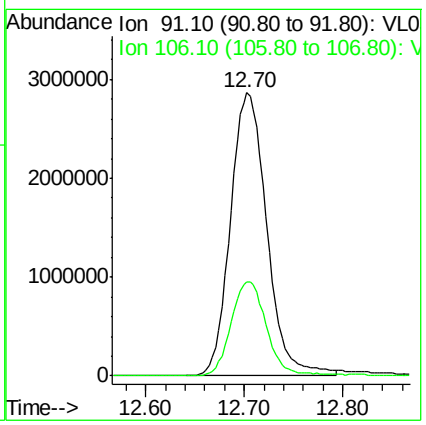


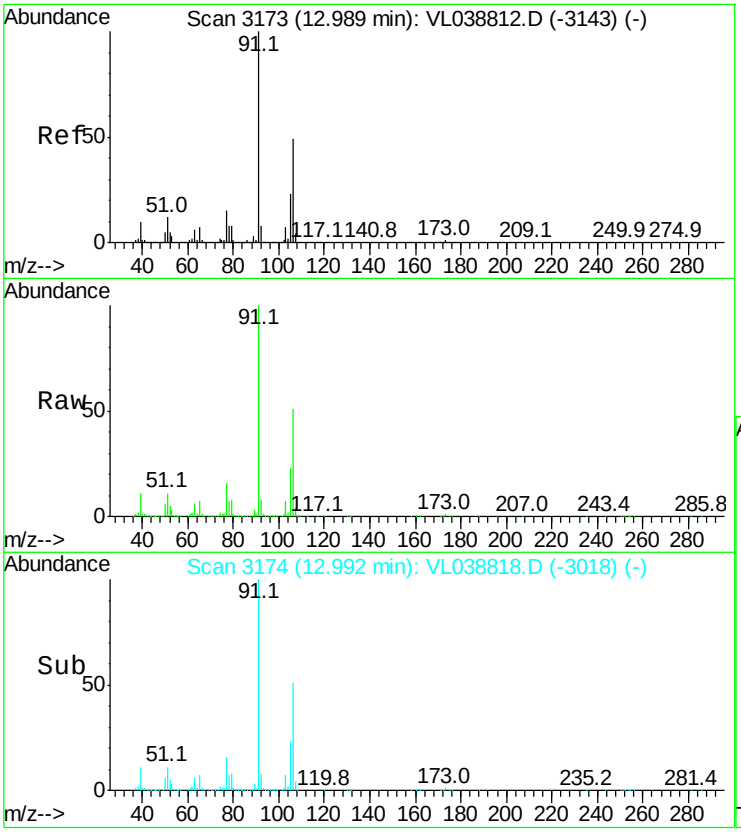


#58
Ethyl Benzene
Concen: 17.24 ppbv
RT: 12.70 min Scan# 3084
Delta R.T. -0.00 min
Lab File: VL038818.D
Acq: 5 Apr 2022 19:44

Tgt Ion: 91 Resp: 7347735

Ion	Ratio	Lower	Upper
91	100		
106	33.1	26.7	40.1



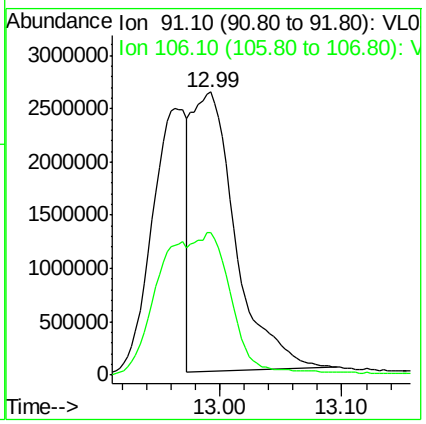


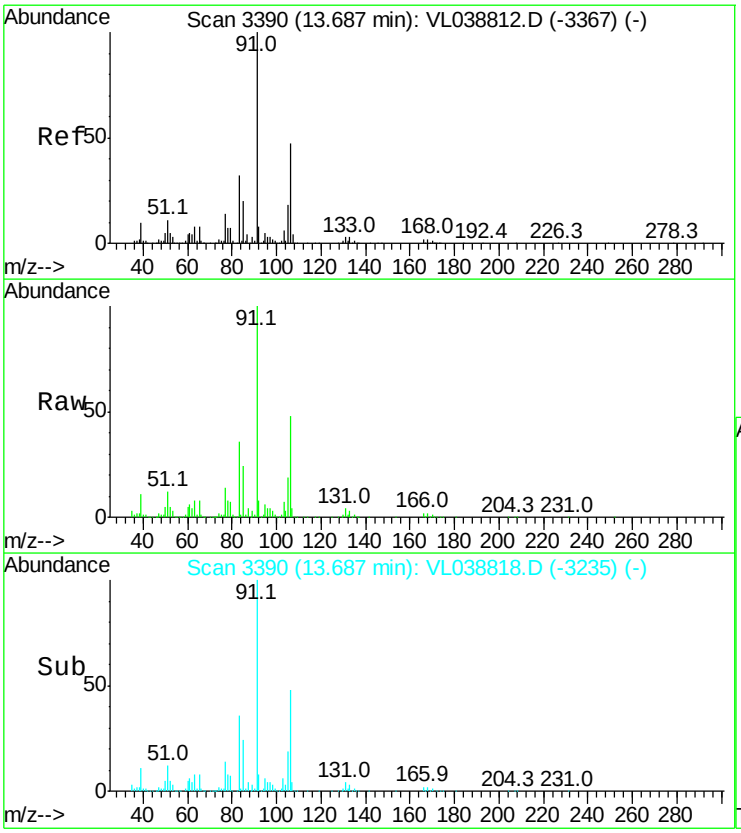
#59
m/p-Xylene
Concen: 17.51 ppbv
RT: 12.99
Delta R.T
Lab File:
Acq: 5 Apr 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp: 6526514

Ion	Ratio	Lower	Upper
91	100		
106	85.6	37.1	55.7#

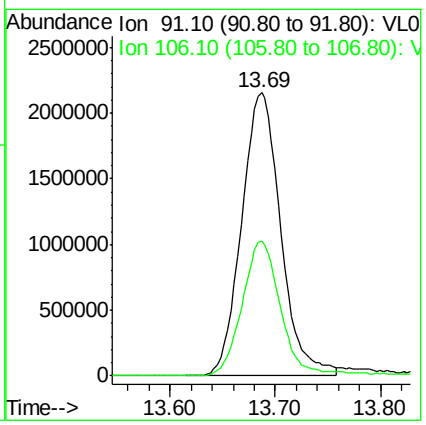


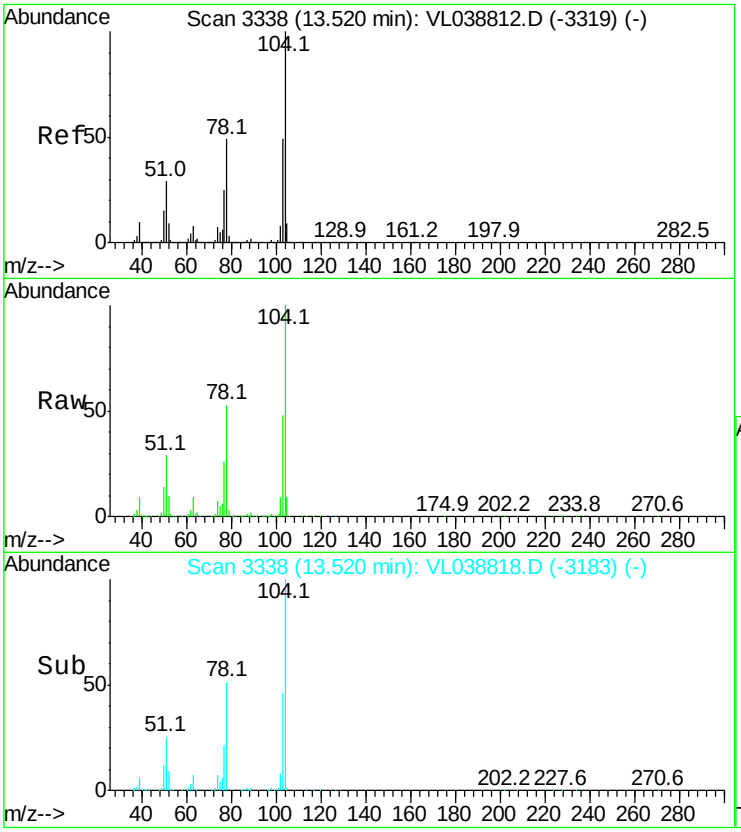


#60
o-Xylene
Concen: 15.72 ppbv
RT: 13.69 min Scan# 3390
Delta R.T. -0.00 min
Lab File: VL038818.D
Acq: 5 Apr 2022 19:44

Tgt Ion: 91 Resp: 5564208

Ion	Ratio	Lower	Upper
91	100		
106	48.2	23.8	71.4



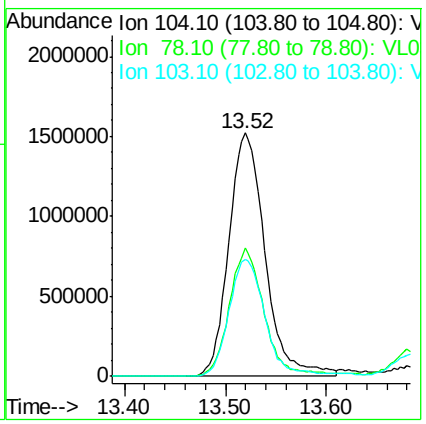


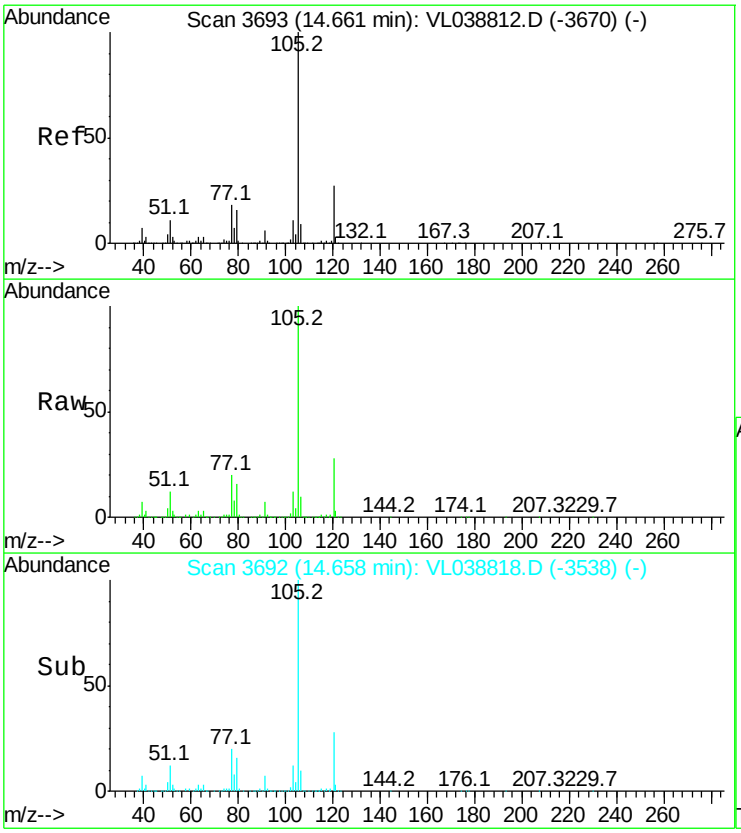
#61
Styrene
Concen: 19.81 ppbv
RT: 13.52
Delta R.T
Lab File:
Acq: 5 Apr 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:104 Resp: 3801169

Ion	Ratio	Lower	Upper
104	100		
78	51.0	40.5	60.7
103	48.9	39.0	58.4

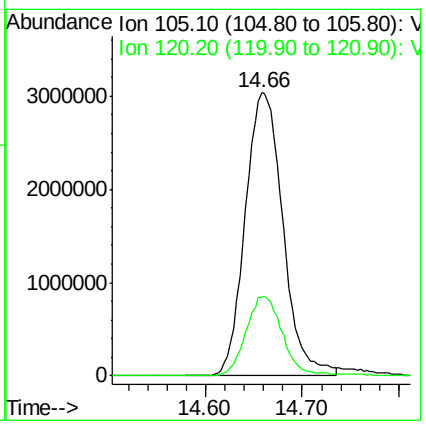


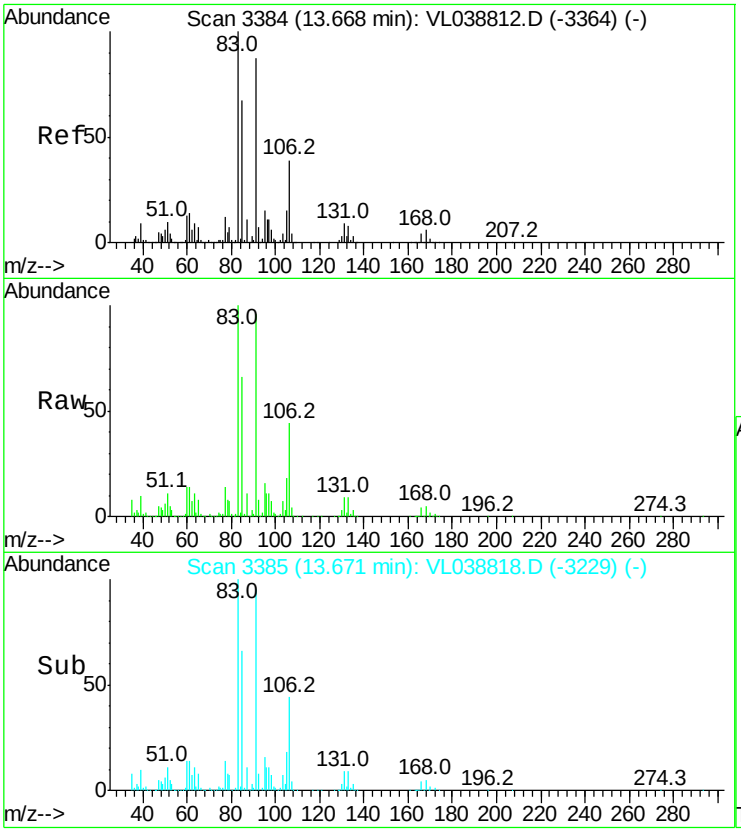


#62
Isopropylbenzene
Concen: 15.46 ppbv
RT: 14.66 min Scan# 3692
Delta R.T. -0.00 min
Lab File: VL038818.D
Acq: 5 Apr 2022 19:44

Tgt Ion:105 Resp: 8224526

Ion	Ratio	Lower	Upper
105	100		
120	27.6	21.8	32.8



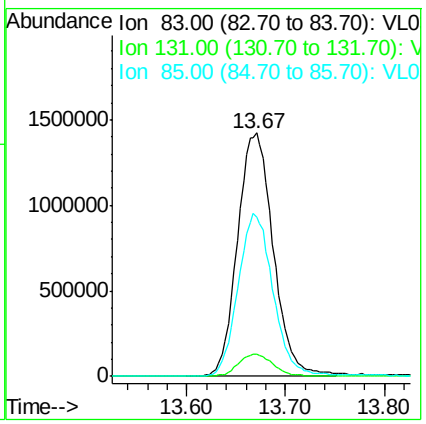


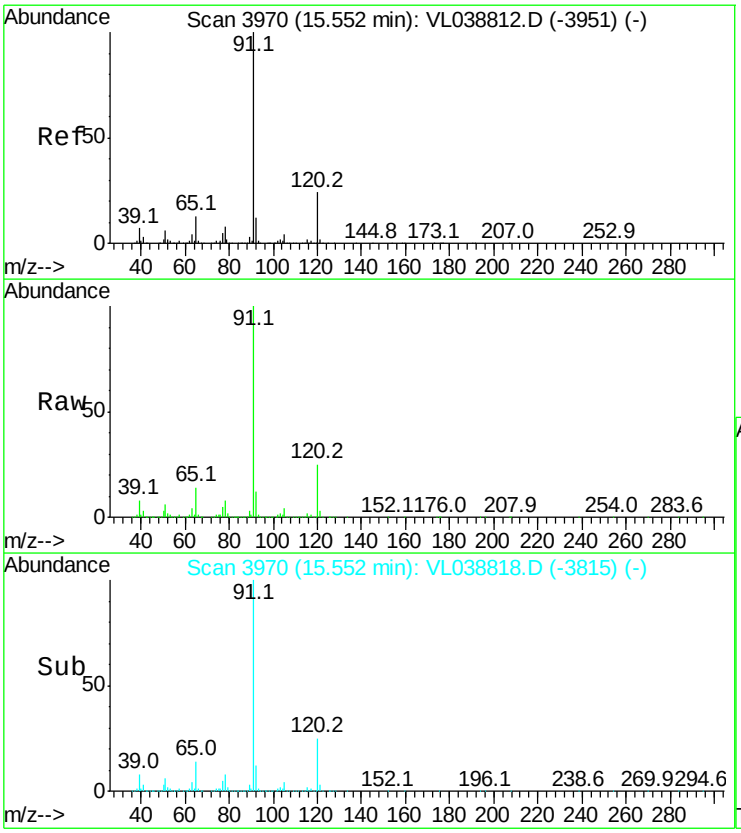
#63
1,1,2,2-Tetrachloroethane
Concen: 12.99 ppbv
RT: 13.67
Delta R.T
Lab File:
Acq: 5 Apr 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 83 Resp: 3562024

Ion	Ratio	Lower	Upper
83	100		
131	9.0	4.6	13.8
85	66.3	33.0	99.0

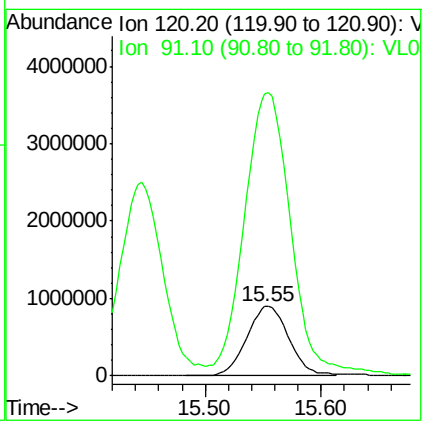


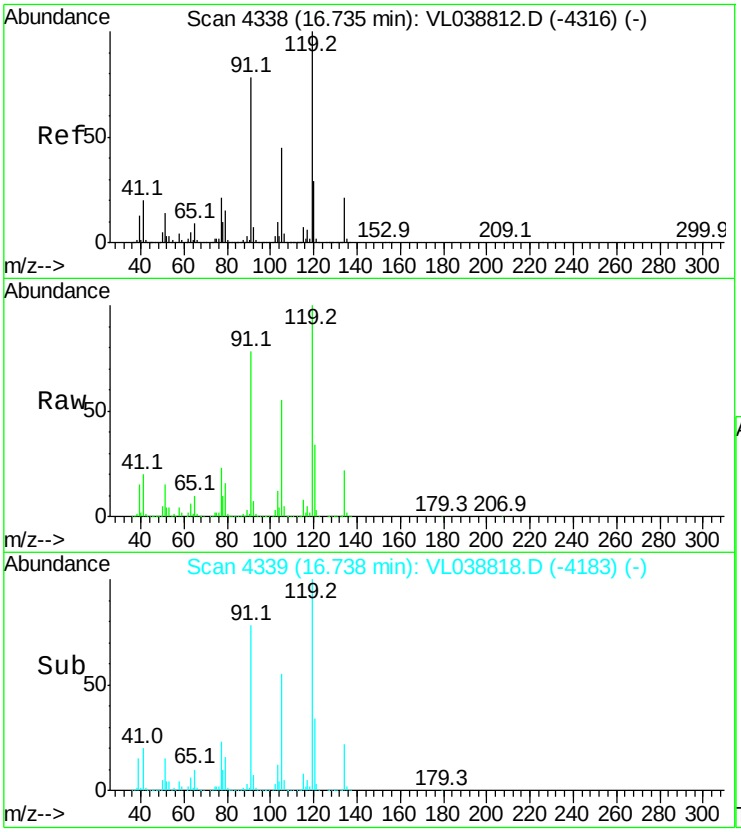


#64
n-propylbenzene
Concen: 16.25 ppbv
RT: 15.55 min Scan# 3970
Delta R.T. -0.00 min
Lab File: VL038818.D
Acq: 5 Apr 2022 19:44

Tgt Ion:120 Resp: 2269303

Ion	Ratio	Lower	Upper
120	100		
91	451.0	360.6	540.8



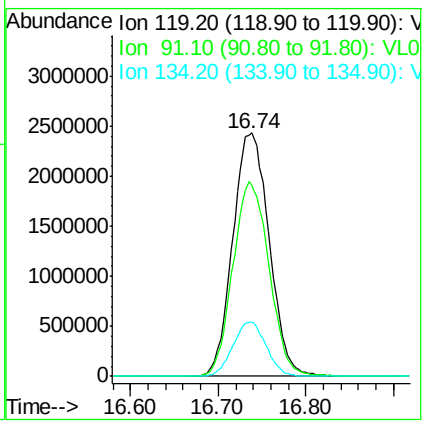


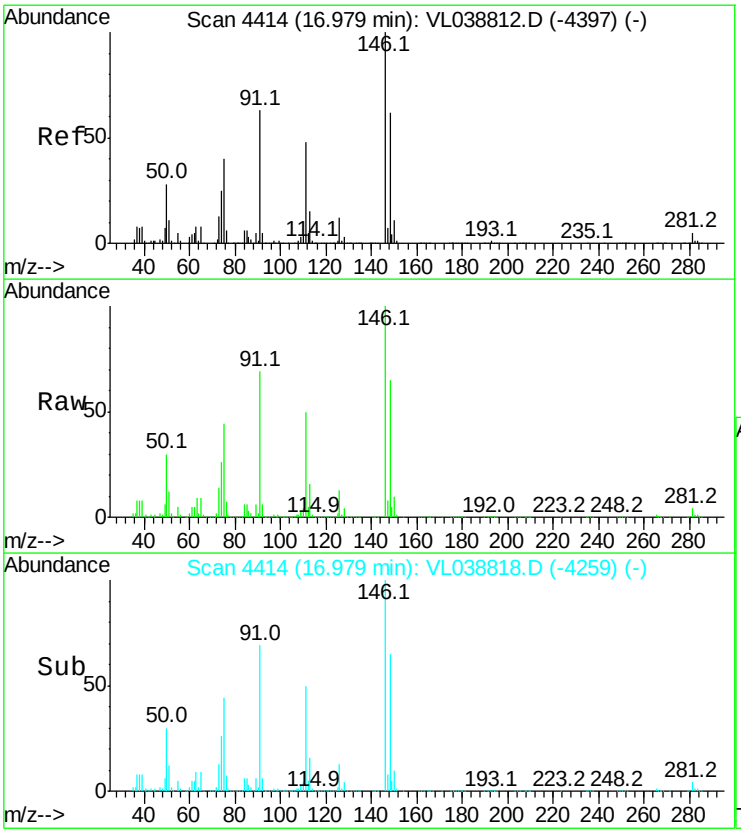
#65
tert-Butylbenzene
Concen: 14.72 ppbv
RT: 16.74
Delta R.T
Lab File:
Acq: 5 Apr 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:119 Resp: 7037570

Ion	Ratio	Lower	Upper
119	100		
91	79.4	62.8	94.2
134	20.5	16.2	24.4

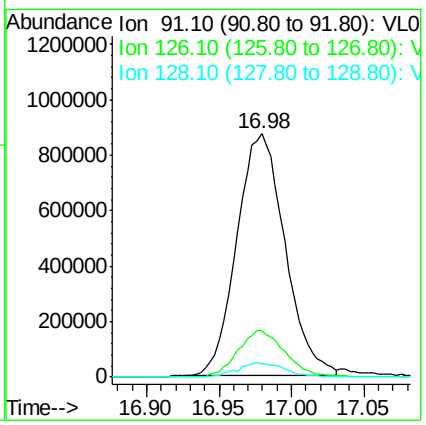


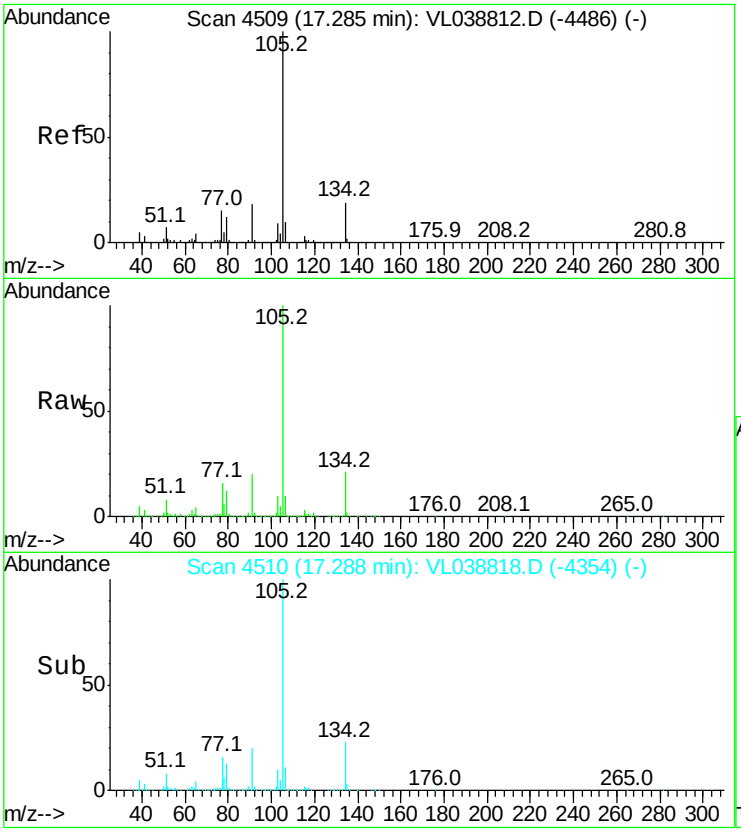


#66
Benzyl Chloride
Concen: 22.32 ppbv
RT: 16.98 min Scan# 4414
Delta R.T. -0.00 min
Lab File: VL038818.D
Acq: 5 Apr 2022 19:44

Tgt Ion: 91 Resp: 2020359

Ion	Ratio	Lower	Upper
91	100		
126	19.3	15.4	23.0
128	6.0	4.7	7.1



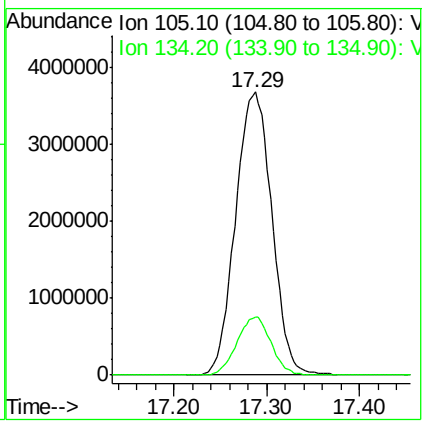


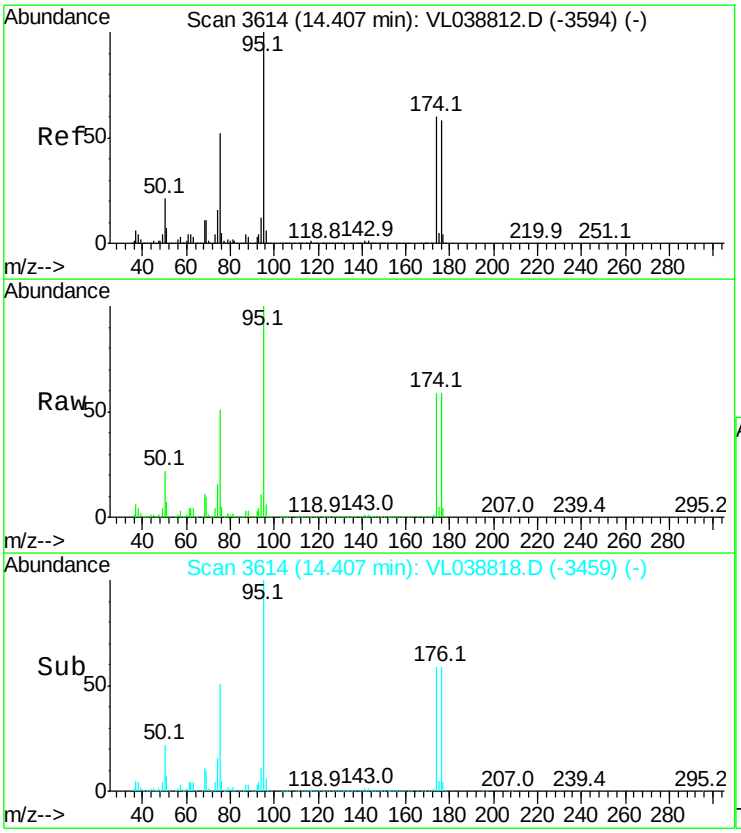
#67
sec-Butylbenzene
Concen: 14.61 ppbv
RT: 17.29
Delta R.T
Lab File:
Acq: 5 Apr 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:105 Resp: 9990226

Ion	Ratio	Lower	Upper
105	100		
134	19.5	15.1	22.7

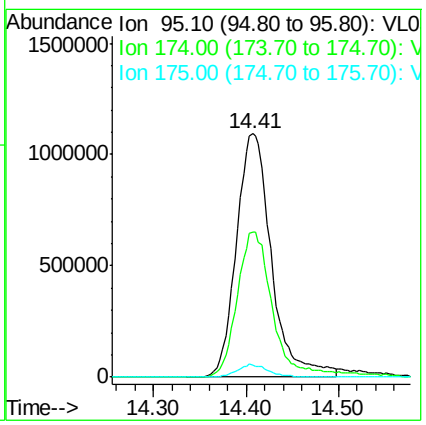


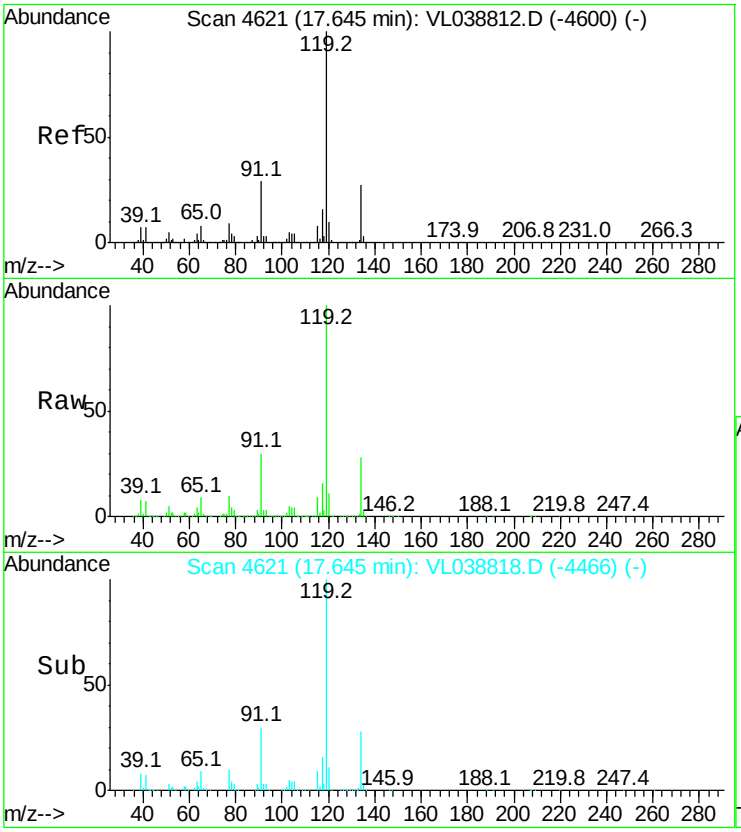


#68
1-Bromo-4-Fluorobenzene
Concen: 10.26 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. -0.00 min
Lab File: VL038818.D
Acq: 5 Apr 2022 19:44

Tgt Ion: 95 Resp: 2866233

Ion	Ratio	Lower	Upper
95	100		
174	61.7	52.0	78.0
175	4.9	4.0	6.0



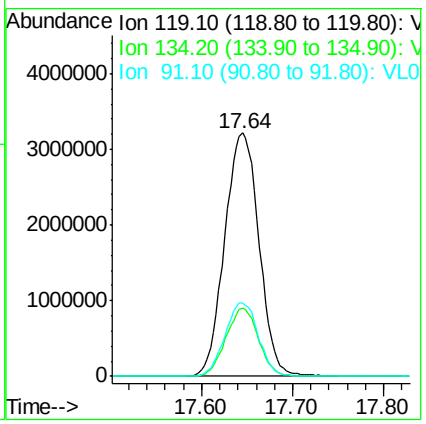


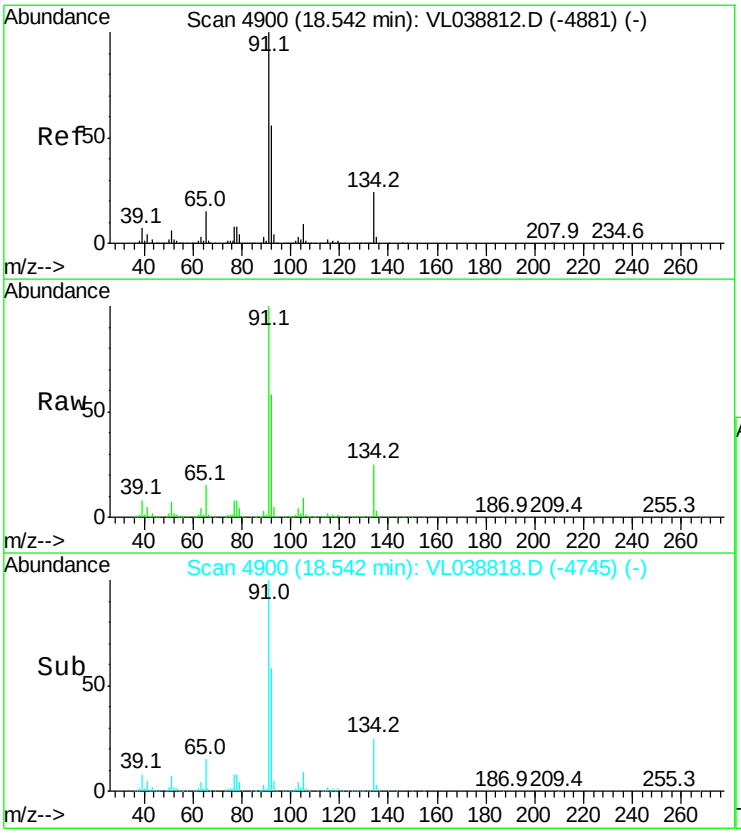
#69
p-Isopropyltoluene
Concen: 15.02 ppbv
RT: 17.64
Delta R.T
Lab File:
Acq: 5 Apr 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:119 Resp: 8379004

Ion	Ratio	Lower	Upper
119	100		
134	26.8	20.8	31.2
91	29.7	22.6	34.0

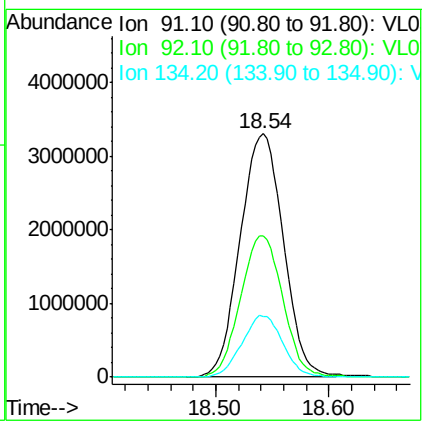


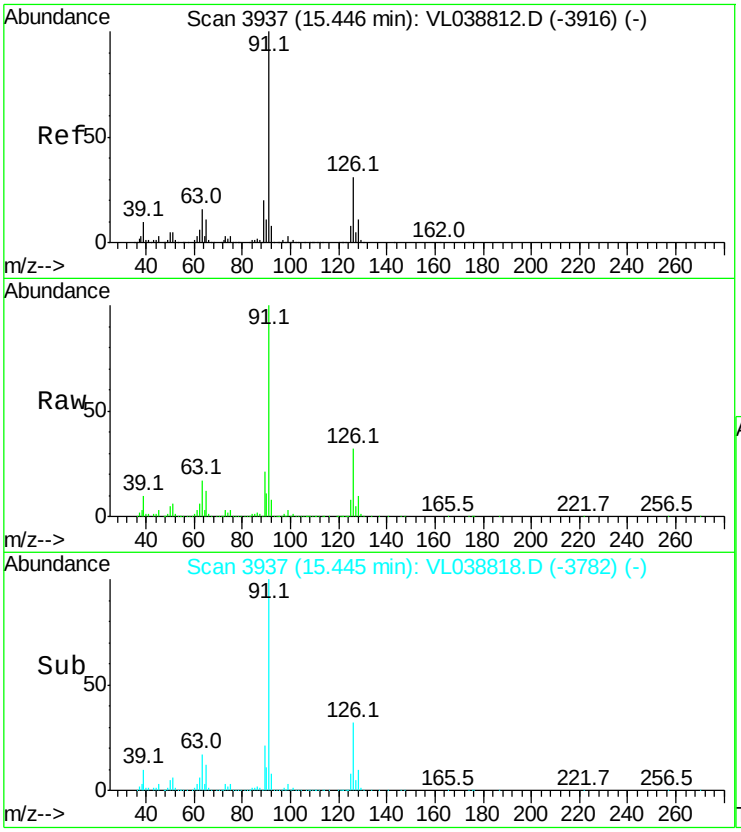


#70
n-Butylbenzene
Concen: 15.24 ppbv
RT: 18.54 min Scan# 4900
Delta R.T. -0.00 min
Lab File: VL038818.D
Acq: 5 Apr 2022 19:44

Tgt Ion: 91 Resp: 8769113

Ion	Ratio	Lower	Upper
91	100		
92	57.1	44.6	66.8
134	24.2	19.2	28.8



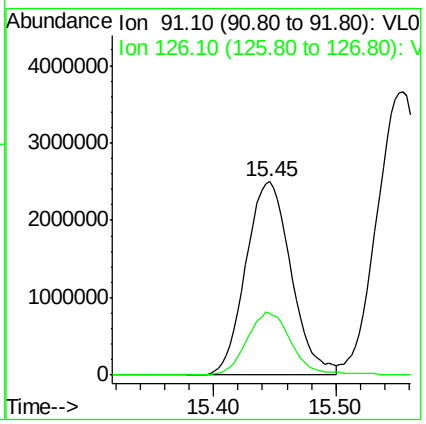


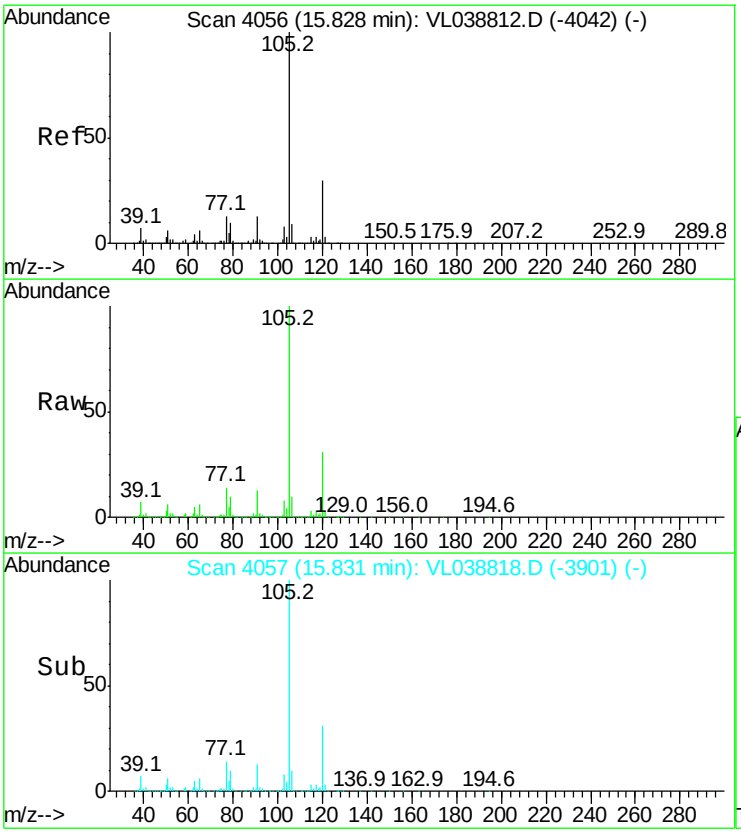
#71
2-Chlorotoluene
Concen: 16.27 ppbv
RT: 15.45
Delta R.T
Lab File:
Acq: 5 Apr 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp: 6424229

Ion	Ratio	Lower	Upper
91	100		
126	32.8	13.0	51.8

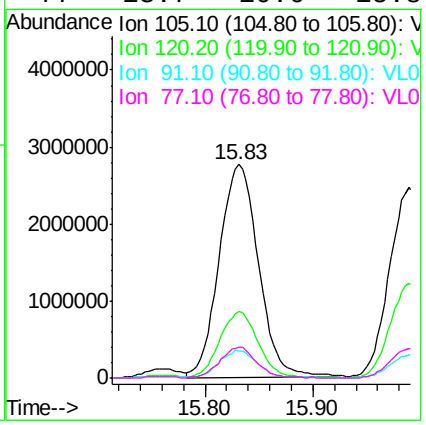


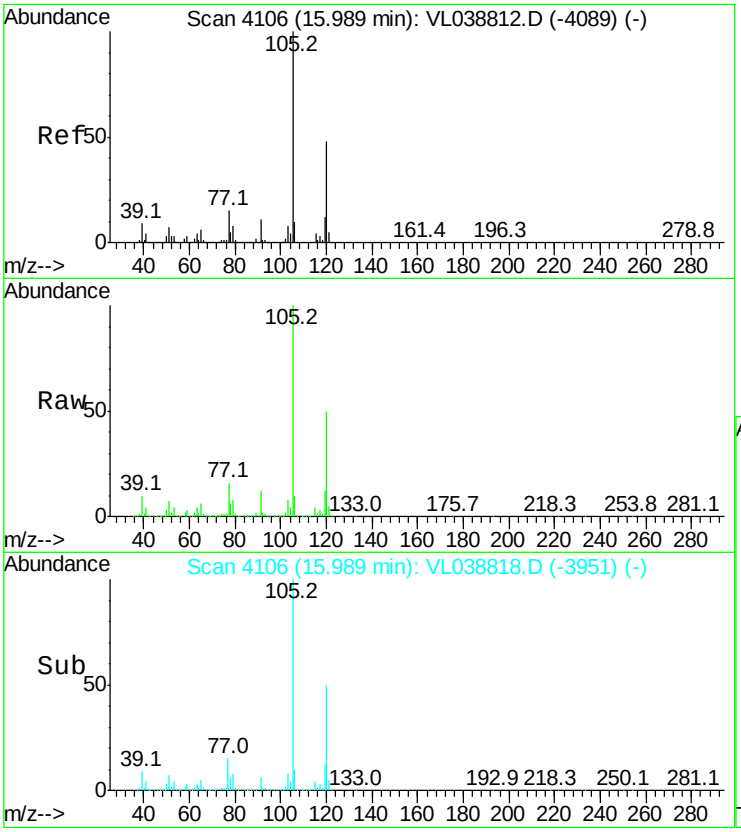


#72
4-Ethyltoluene
Concen: 16.86 ppbv
RT: 15.83 min Scan# 4057
Delta R.T. 0.00 min
Lab File: VL038818.D
Acq: 5 Apr 2022 19:44

Tgt Ion:105 Resp: 7045482

Ion	Ratio	Lower	Upper
105	100		
120	30.8	24.3	36.5
91	12.4	9.4	14.2
77	13.7	10.6	15.8



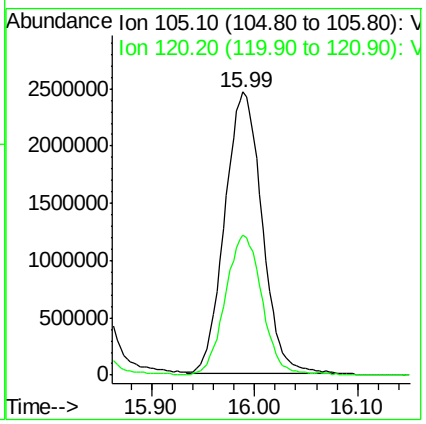


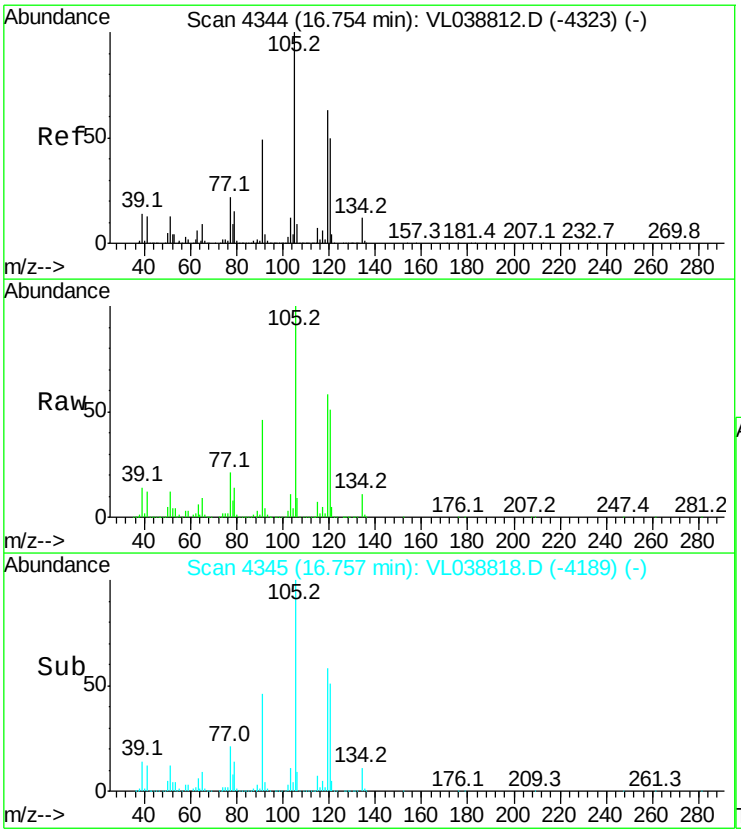
#73
1,3,5-Trimethylbenzene
Concen: 16.25 ppbv
RT: 15.99
Delta R.T
Lab File:
Acq: 5 Apr 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:105 Resp: 6188043

Ion	Ratio	Lower	Upper
105	100		
120	49.6	38.7	58.1

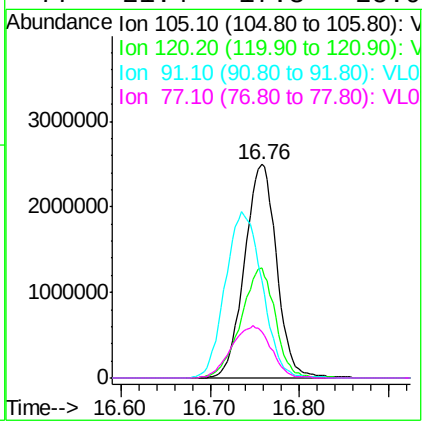


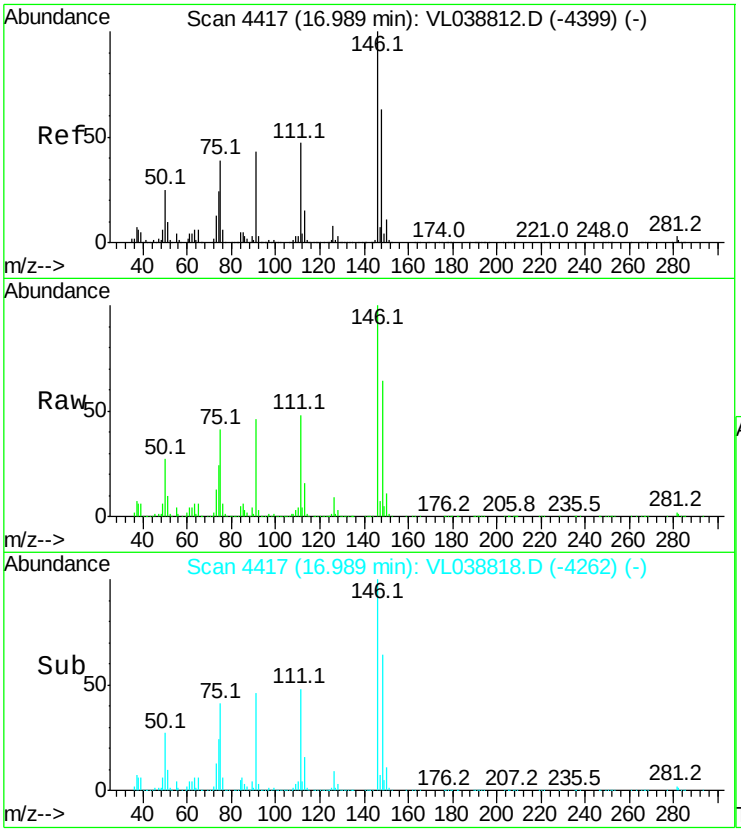


#74
1,2,4-Trimethylbenzene
Concen: 15.02 ppbv
RT: 16.76 min Scan# 4345
Delta R.T. 0.00 min
Lab File: VL038818.D
Acq: 5 Apr 2022 19:44

Tgt Ion:105 Resp: 6228363

Ion	Ratio	Lower	Upper
105	100		
120	51.4	39.8	59.8
91	45.5	39.4	59.0
77	21.4	17.3	25.9



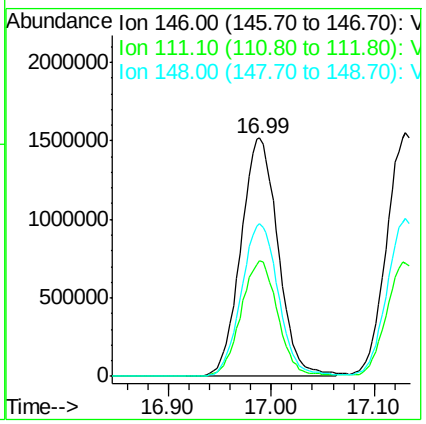


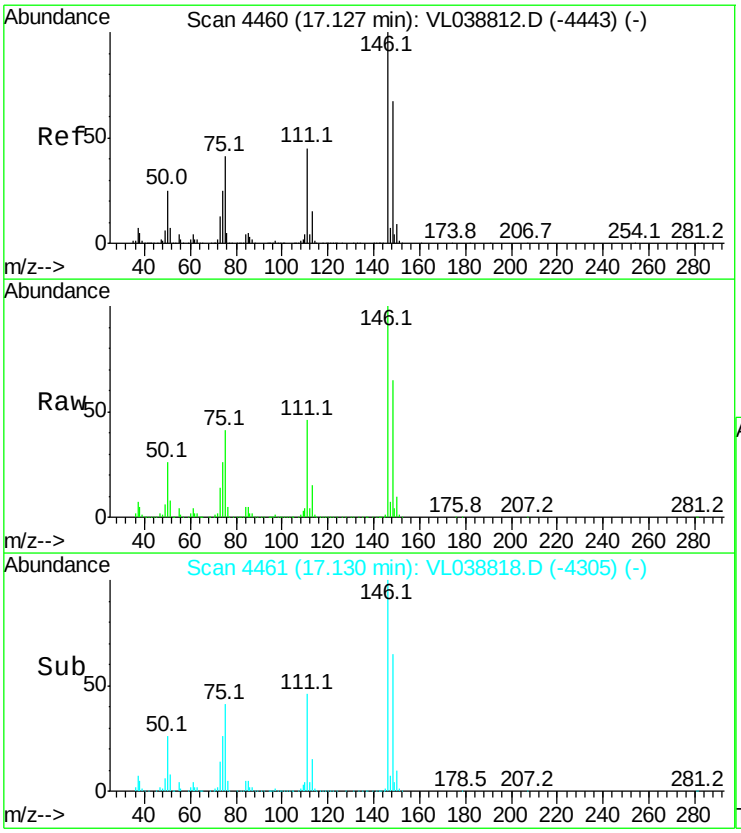
#75
1,3-Dichlorobenzene
Concen: 14.38 ppbv
RT: 16.99
Delta R.T
Lab File:
Acq: 5 Apr 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:146 Resp: 3796829

Ion	Ratio	Lower	Upper
146	100		
111	48.2	23.8	71.2
148	64.1	31.8	95.4

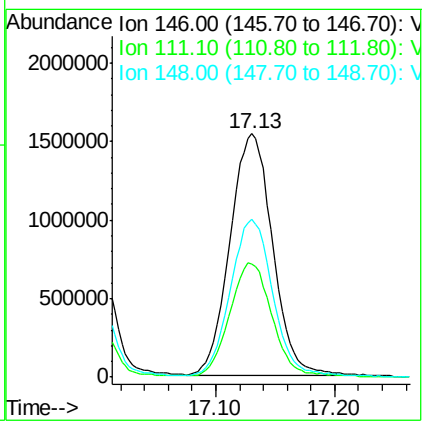


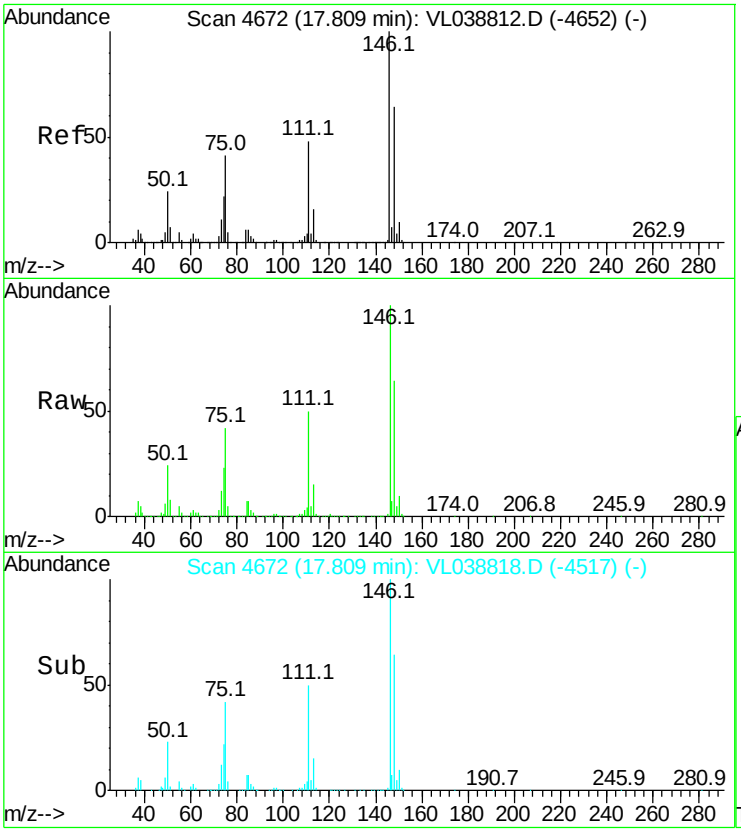


#76
1,4-Dichlorobenzene
Concen: 14.44 ppbv
RT: 17.13 min Scan# 4461
Delta R.T. 0.00 min
Lab File: VL038818.D
Acq: 5 Apr 2022 19:44

Tgt Ion:146 Resp: 3791954

Ion	Ratio	Lower	Upper
146	100		
111	48.1	23.6	70.8
148	66.3	33.6	100.6



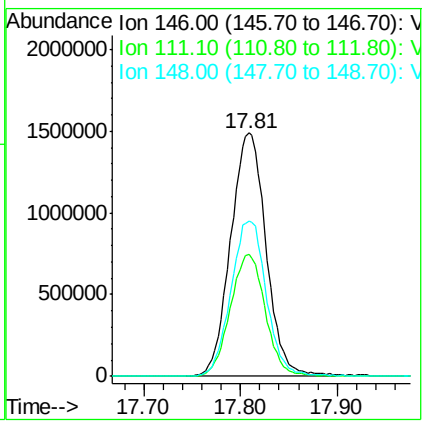


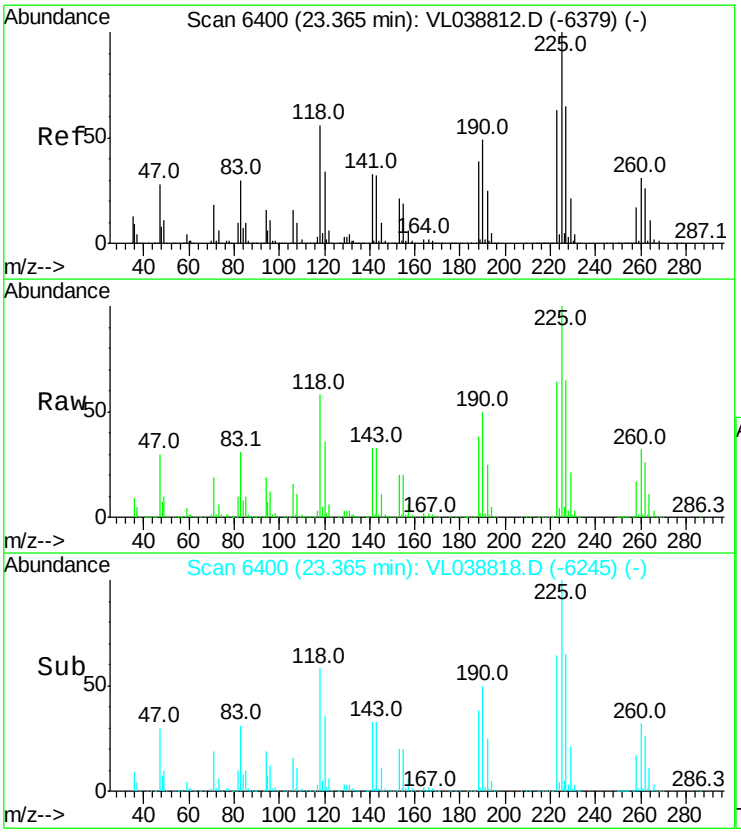
#77
1,2-Dichlorobenzene
Concen: 14.43 ppbv
RT: 17.81
Delta R.T
Lab File:
Acq: 5 Apr 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:146 Resp: 3775182

Ion	Ratio	Lower	Upper
146	100		
111	49.8	24.8	74.3
148	64.0	31.9	95.7

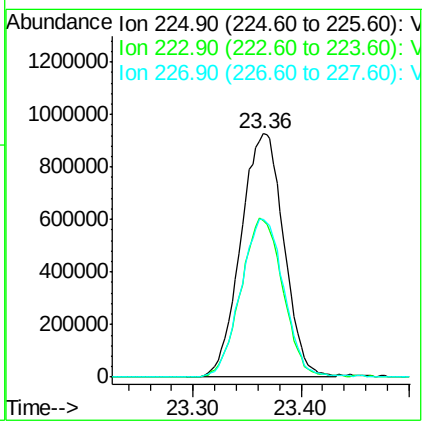


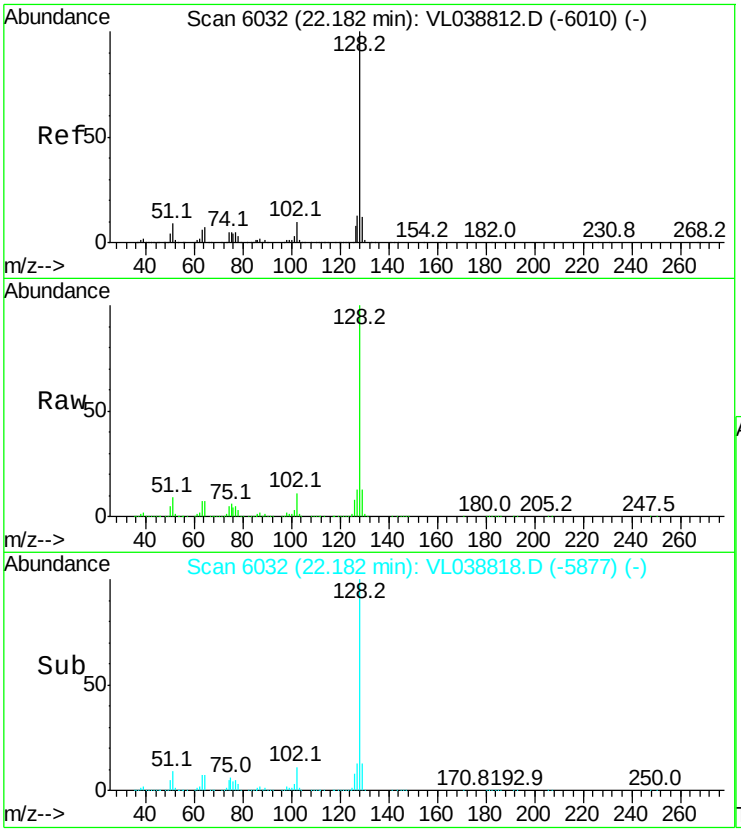


#78
Hexachloro-1,3-Butadiene
Concen: 10.63 ppbv
RT: 23.36 min Scan# 6400
Delta R.T. -0.00 min
Lab File: VL038818.D
Acq: 5 Apr 2022 19:44

Tgt Ion:225 Resp: 2571619

Ion	Ratio	Lower	Upper
225	100		
223	64.3	51.6	77.4
227	65.4	52.3	78.5



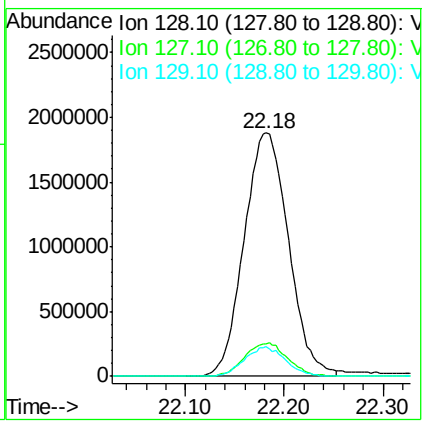


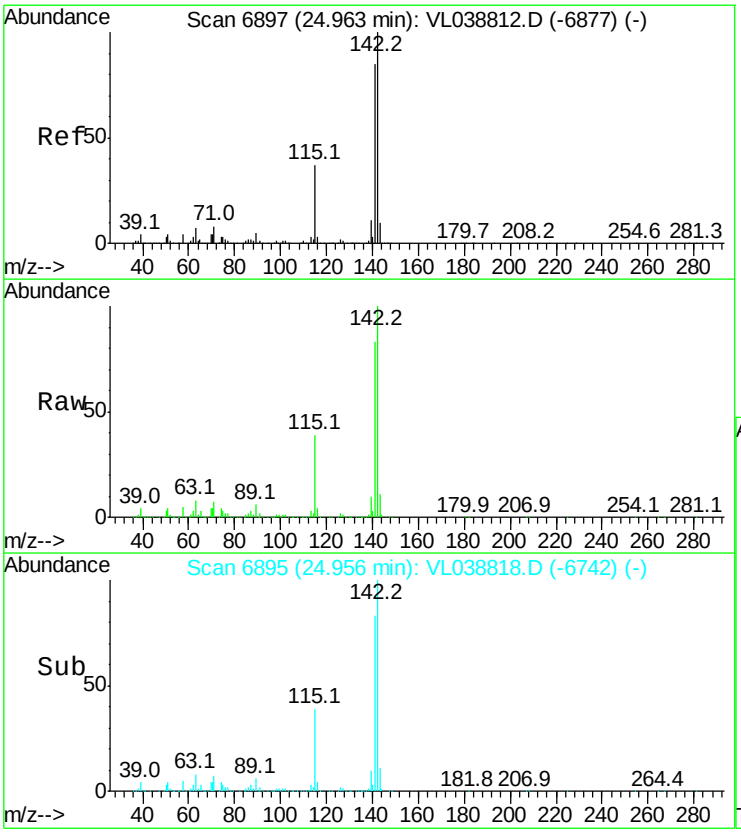
#79
Naphthalene
Concen: 18.49 ppbv
RT: 22.18
Delta R.T
Lab File:
Acq: 5 Apr 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:128 Resp: 5858148

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	15.8
129	12.5	9.4	14.0

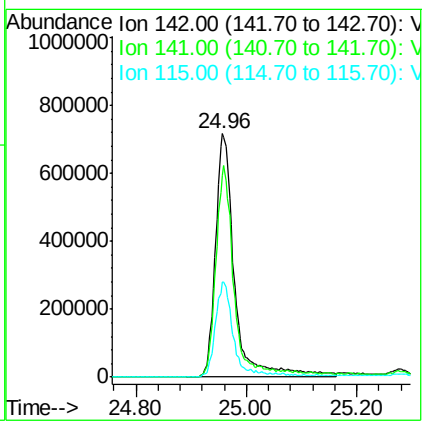


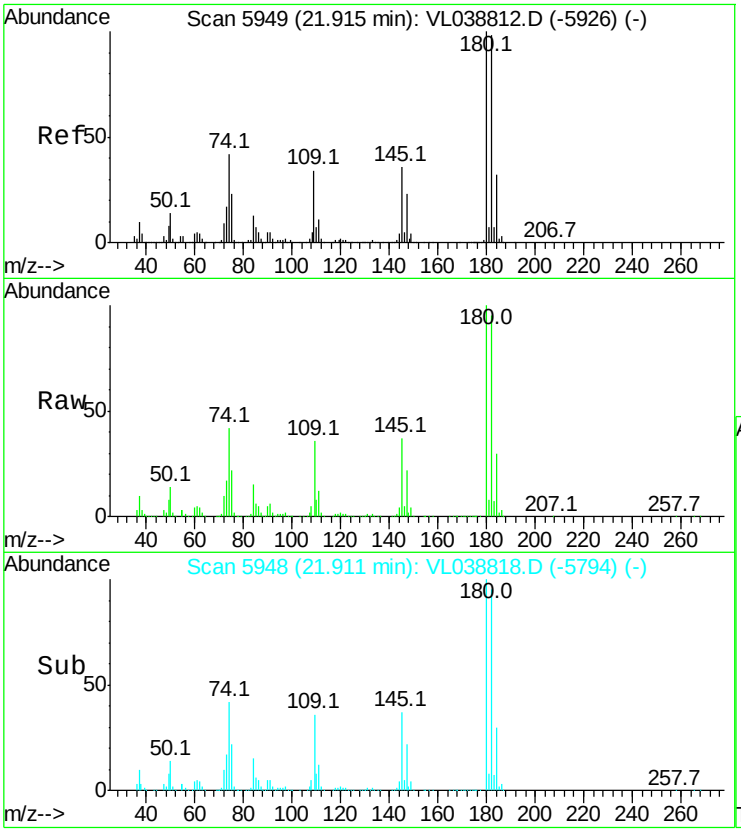


#80
Naphthalene,2-methyl-
Concen: 20.29 ppbv
RT: 24.96 min Scan# 6895
Delta R.T. -0.01 min
Lab File: VL038818.D
Acq: 5 Apr 2022 19:44

Tgt Ion:142 Resp: 1723595

Ion	Ratio	Lower	Upper
142	100		
141	81.7	68.8	103.2
115	37.3	31.6	47.4





#81
1,2,4-Trichlorobenzene
Concen: 14.27 ppbv
RT: 21.91
Delta R.T
Lab File:
Acq: 5 Apr 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:180 Resp: 3095374

Ion	Ratio	Lower	Upper
180	100		
182	97.2	79.4	119.0
184	30.6	25.0	37.6