Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL053122\
Data File : VL039139.D
Acq On : 31 May 2022 20:28
Operator : SY/AP
Sample : VSTDICC015
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Quant Time: May 31 21:03:43 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue May 31 17:05:54 2022
QLast Update : Tue May 31 17:05:54 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	1276764	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.19	114	3105129	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.10	117	3033106	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.42	95	2567731	10.69	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 106.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.06	85	2775319	13.87	ppbv		99
3) Chlorodifluoromethane	3.00	51	2149826	13.57	ppbv		98
4) Chloromethane	3.15	50	1123054	14.15	ppbv		99
5) Vinyl Chloride	3.27	62	1130359	15.60	ppbv		96
6) Bromomethane	3.48	94	560577	16.38	ppbv		97
7) Chloroethane	3.56	64	408616	16.85	ppbv		98
8) Dichlorotetrafluoroethane	3.20	85	2833523	15.63	ppbv		99
9) Propene	3.02	41	866283	12.52	ppbv		99
10) Heptane	8.13	43	2289531	13.49	ppbv		100
11) Trichlorofluoromethane	3.96	101	2834188	16.51	ppbv		98
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1891851	16.00	ppbv		98
13) Ethanol	3.61	45	25127	5.13	ppbv	#	100
14) Bromoethene	3.75	108	887404	18.20	ppbv		97
15) Acetone	3.85	43	1870958	15.53	ppbv		99
16) 1,3-Butadiene	3.34	39	1042494	15.07	ppbv		100
17) tert-Butyl alcohol	4.29	59	1412272	15.26	ppbv		99
18) 1,1-Dichloroethene	4.30	96	905535	17.80	ppbv		96
19) Isopropyl Alcohol	3.97	45	851413	14.87	ppbv	#	99
20) Methylene Chloride	4.35	84	702280	15.47	ppbv		97
21) Allyl Chloride	4.42	41	1331815	16.23	ppbv		99
22) trans-1,2-Dichloroethene	4.89	96	867221	15.78	ppbv		98
23) Vinyl Acetate	5.08	43	1749683	18.36	ppbv		99
24) 1,1-Dichloroethane	5.02	63	2137204	19.48	ppbv		99
25) Ethyl Acetate	5.68	43	4126829	14.32	ppbv		99
26) Hexane	5.69	57	1752525	13.68	ppbv		98
27) Carbon Disulfide	4.56	76	2120265	17.43	ppbv		99
28) Methyl tert-Butyl Ether	5.04	73	1956853	20.08	ppbv		100
29) Chloroform	5.76	83	3052099	14.73	ppbv		99
30) Cyclohexane	7.14	84	1498562	13.97	ppbv		97
31) cis-1,2-Dichloroethene	5.56	61	1906572	14.61	ppbv		98
32) 1,1,1-Trichloroethane	6.52	97	3149912	15.20	ppbv		99
34) 2-Butanone	5.25	43	2493295	15.74	ppbv		100
35) Carbon Tetrachloride	7.02	117	3424261	16.74	ppbv		97
36) Benzene	6.90	78	3494152	13.15	ppbv		97
37) 1,2-Dichloroethane	6.31	62	2519523	15.32	ppbv		99
38) Trichloroethene	7.84	130	1749883	14.81	ppbv		98
39) 1,2-Dichloropropane	7.62	63	1409120	13.63	ppbv		95
40) 1,4-Dioxane	7.83	88	442985	11.93	ppbv	#	1
41) Tetrahydrofuran	6.05	42	1423737	13.37	ppbv		100
42) Bromodichloromethane	7.80	83	3423891	15.23	ppbv		98
43) Methyl Methacrylate	8.02	69	1513356	14.03	ppbv		100

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL053122\
Data File : VL039139.D
Acq On : 31 May 2022 20:28
Operator : SY/AP
Sample : VSTDICC015
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Quant Time: May 31 21:03:43 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue May 31 17:05:54 2022
QLast Update : Tue May 31 17:05:54 2022
Response via : Initial Calibration

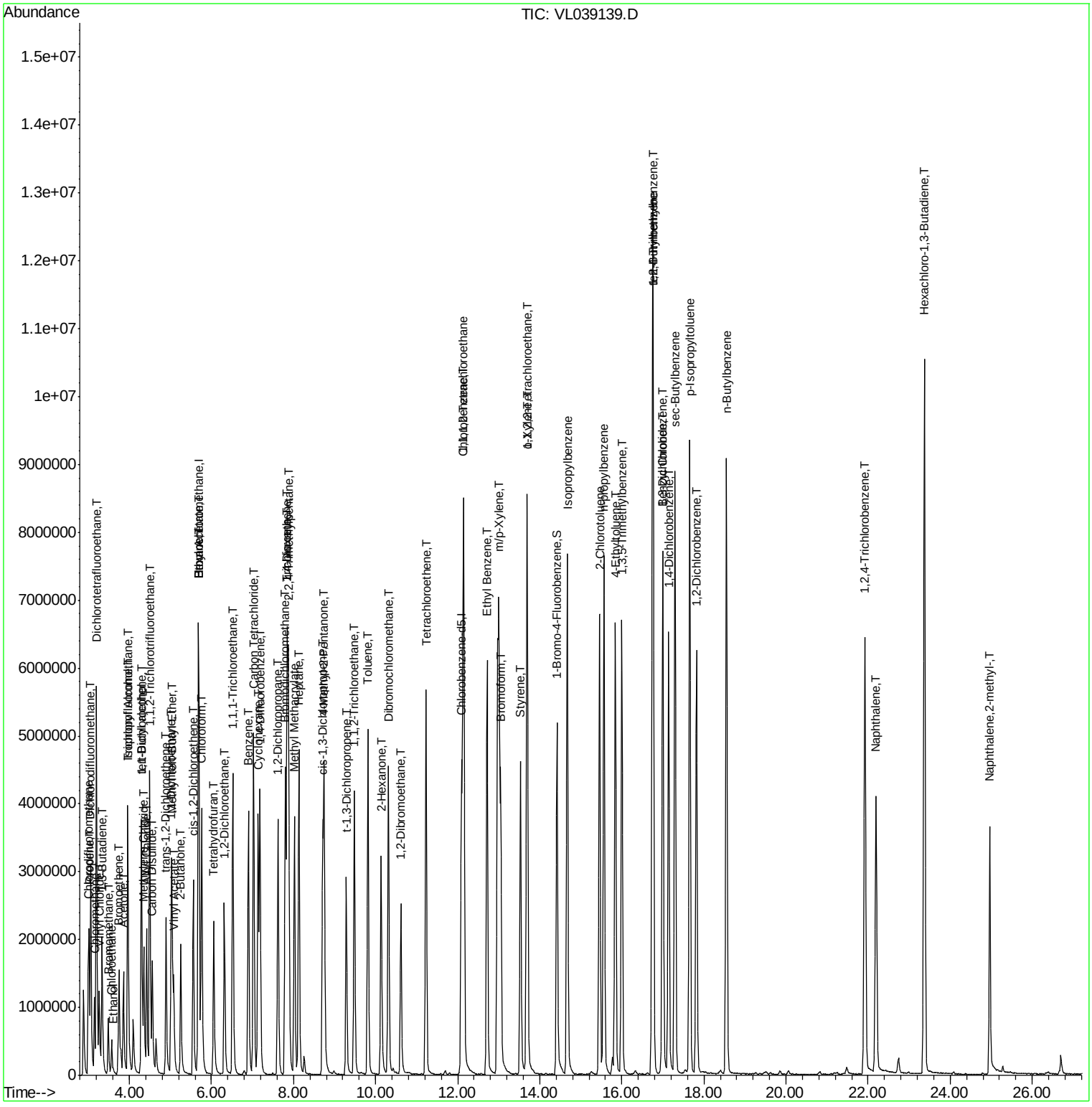
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	5993244	12.85	ppbv		98
45) t-1,3-Dichloropropene	9.29	75	1843363	17.65	ppbv		98
46) cis-1,3-Dichloropropene	8.71	75	2215388	16.00	ppbv		96
47) 1,1,2-Trichloroethane	9.48	97	1505321	14.00	ppbv		98
48) Dibromochloromethane	10.31	129	2949932	16.85	ppbv		99
49) Bromoform	13.05	173	2489760	18.65	ppbv		99
50) 4-Methyl-2-Pentanone	8.74	43	3818023	13.74	ppbv		100
51) 2-Hexanone	10.13	43	3045873	15.02	ppbv	#	98
52) Tetrachloroethene	11.23	164	1375537	14.49	ppbv		94
53) Toluene	9.81	91	4185340	14.05	ppbv		99
54) 1,2-Dibromoethane	10.62	107	2165827	14.79	ppbv		95
56) 1,1,1,2-Tetrachloroethane	12.13	131	1989952	14.95	ppbv	#	76
57) Chlorobenzene	12.15	112	3146897	13.84	ppbv		98
58) Ethyl Benzene	12.72	91	5690007	13.04	ppbv		97
59) m/p-Xylene	13.00	91	5257390	14.11	ppbv	#	38
60) o-Xylene	13.70	91	4821534	13.75	ppbv		99
61) Styrene	13.53	104	2781752	14.86	ppbv		99
62) Isopropylbenzene	14.67	105	6913416	13.48	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.68	83	2595234	12.57	ppbv		100
64) n-propylbenzene	15.56	120	1825935	14.73	ppbv		93
65) tert-Butylbenzene	16.75	119	6341222	14.11	ppbv		100
66) Benzyl Chloride	16.99	91	1178847	20.07	ppbv		100
67) sec-Butylbenzene	17.30	105	8720828	13.58	ppbv		98
69) p-Isopropyltoluene	17.65	119	7356079	14.18	ppbv		99
70) n-Butylbenzene	18.55	91	7734785	14.04	ppbv		99
71) 2-Chlorotoluene	15.46	91	5401256	13.66	ppbv		100
72) 4-Ethyltoluene	15.84	105	5708114	14.28	ppbv		99
73) 1,3,5-Trimethylbenzene	16.00	105	5195428	14.44	ppbv		99
74) 1,2,4-Trimethylbenzene	16.77	105	5644220	14.33	ppbv		95
75) 1,3-Dichlorobenzene	17.00	146	3323084	15.40	ppbv		99
76) 1,4-Dichlorobenzene	17.14	146	3202989	15.08	ppbv		100
77) 1,2-Dichlorobenzene	17.82	146	3189881	14.94	ppbv		99
78) Hexachloro-1,3-Butadiene	23.38	225	2750135	14.02	ppbv		99
79) Naphthalene	22.19	128	5382841	16.82	ppbv		100
80) Naphthalene,2-methyl-	24.97	142	2213682	22.87	ppbv		94
81) 1,2,4-Trichlorobenzene	21.92	180	3013440	16.07	ppbv	#	100

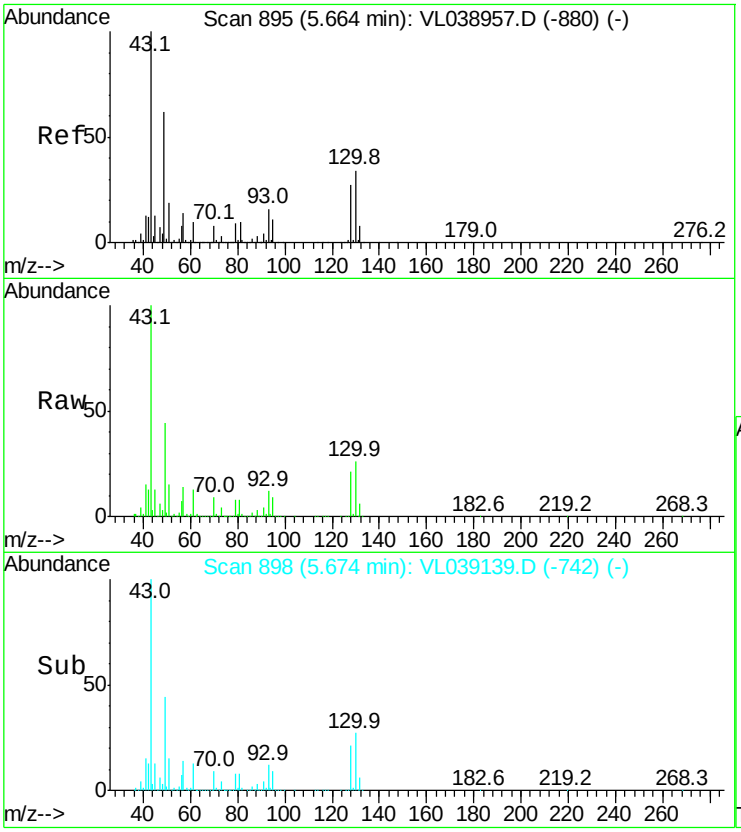
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL053122\
Data File : VL039139.D
Acq On : 31 May 2022 20:28
Operator : SY/AP
Sample : VSTDICC015
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Quant Time: May 31 21:03:43 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue May 31 17:05:54 2022
QLast Update : Tue May 31 17:05:54 2022
Response via : Initial Calibration



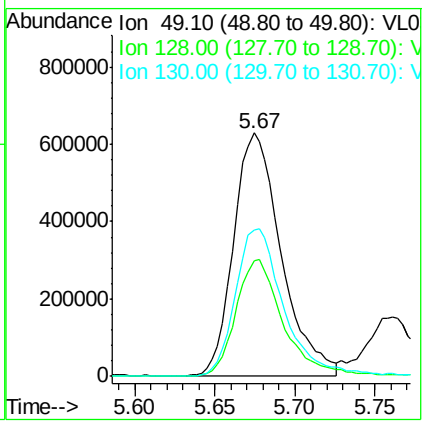


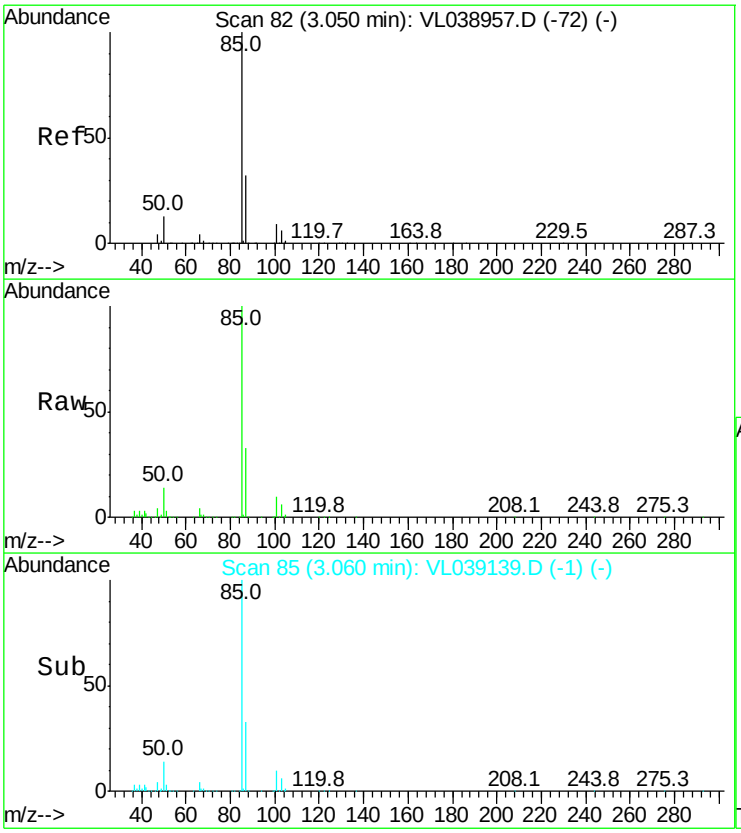
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 49 Resp: 1276764

Ion	Ratio	Lower	Upper
49	100		
128	48.9	24.7	74.1
130	63.6	31.4	94.0

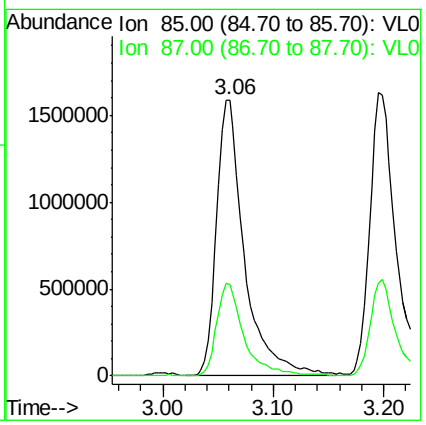


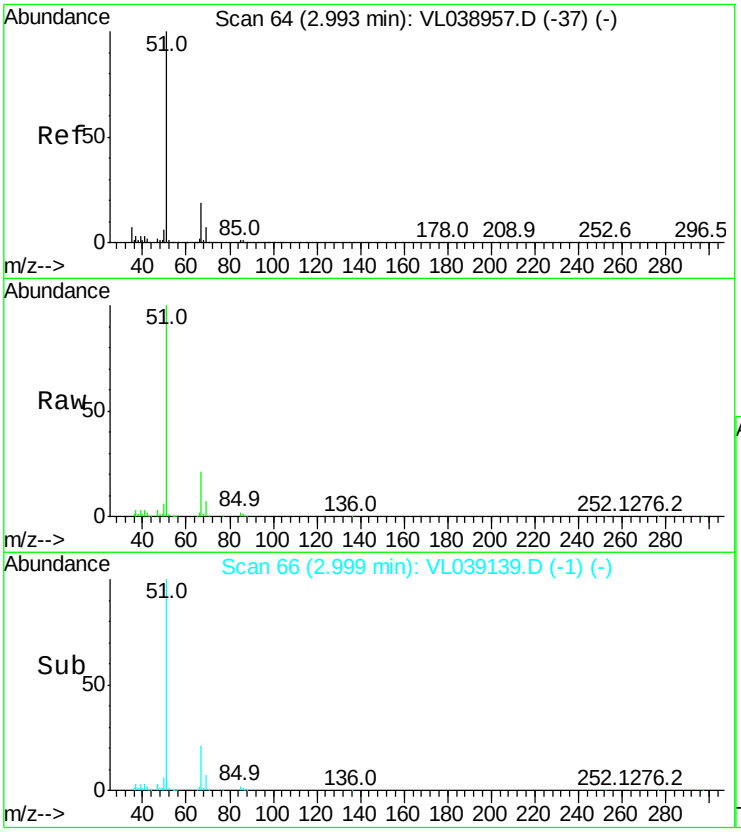


#2
Dichlorodifluoromethane
Concen: 13.87 ppbv
RT: 3.06 min Scan# 85
Delta R.T. 0.00 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion: 85 Resp: 2775319

Ion	Ratio	Lower	Upper
85	100		
87	33.2	26.9	40.3



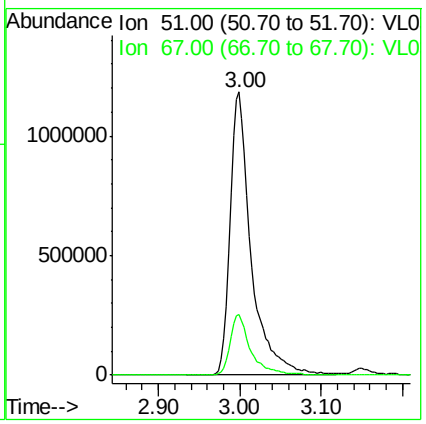


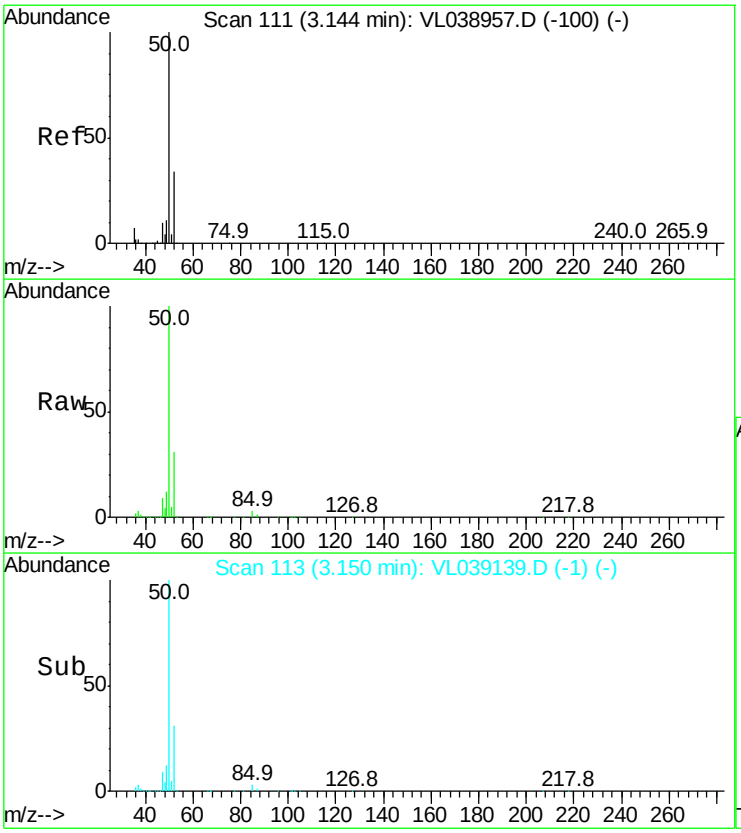
#3
Chlorodifluoromethane
Concen: 13.57 ppbv
RT: 3.00
Delta R.T
Lab File:
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 51 Resp: 2149826

Ion	Ratio	Lower	Upper
51	100		
67	21.1	16.2	24.4

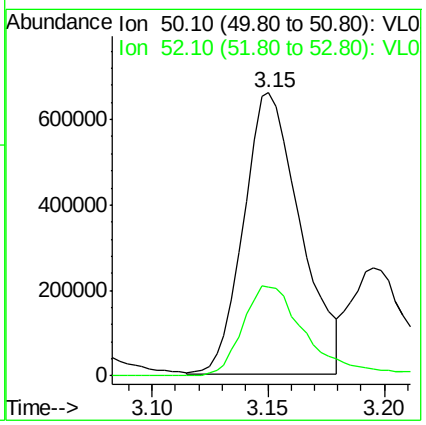


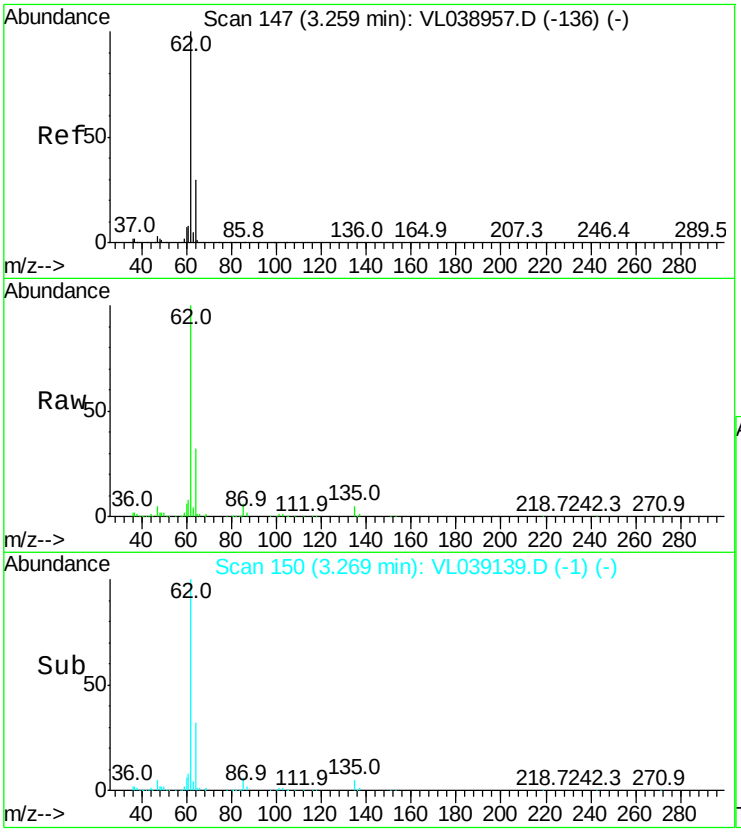


#4
Chloromethane
Concen: 14.15 ppbv
RT: 3.15 min Scan# 113
Delta R.T. 0.00 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion: 50 Resp: 1123054

Ion	Ratio	Lower	Upper
50	100		
52	31.6	25.9	38.9



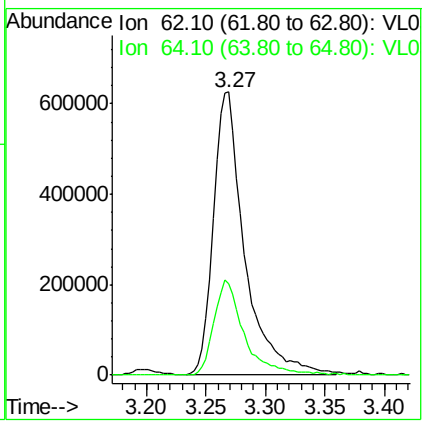


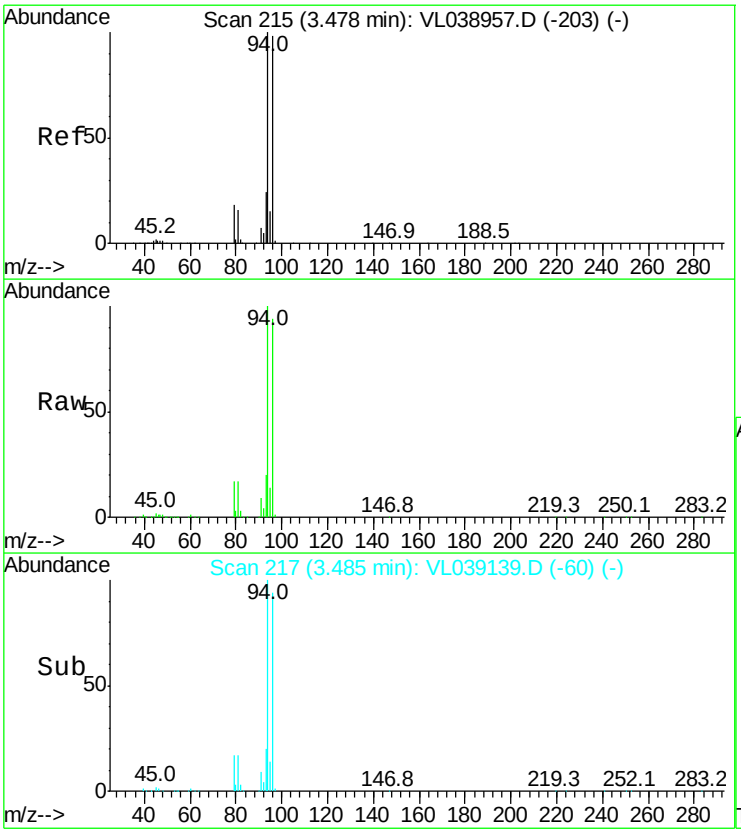
#5
Vinyl Chloride
Concen: 15.60 ppbv
RT: 3.27
Delta R.T
Lab File:
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 62 Resp: 1130359

Ion	Ratio	Lower	Upper
62	100		
64	32.3	24.2	36.2

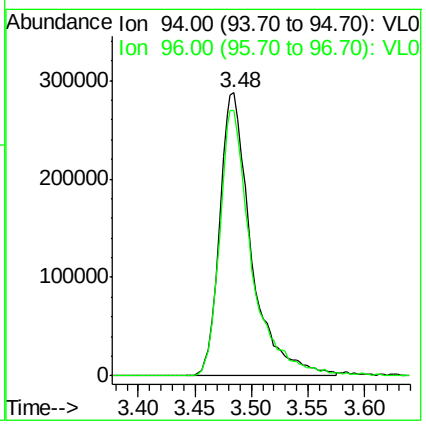


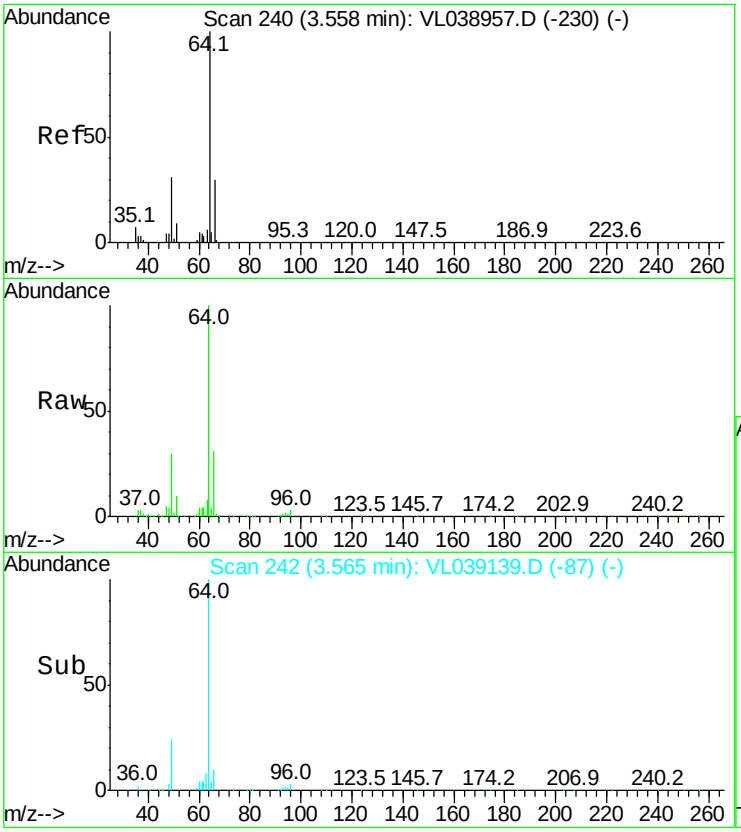


#6
Bromomethane
Concen: 16.38 ppbv
RT: 3.48 min Scan# 217
Delta R.T. 0.00 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion: 94 Resp: 560577

Ion	Ratio	Lower	Upper
94	100		
96	93.7	73.0	109.4



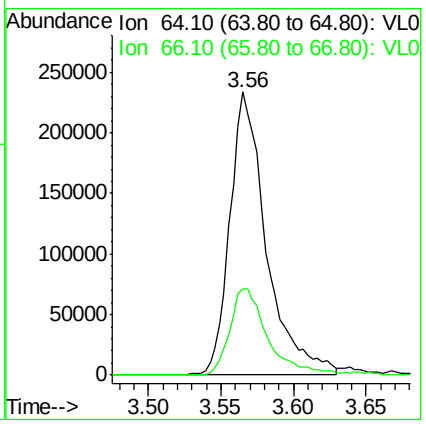


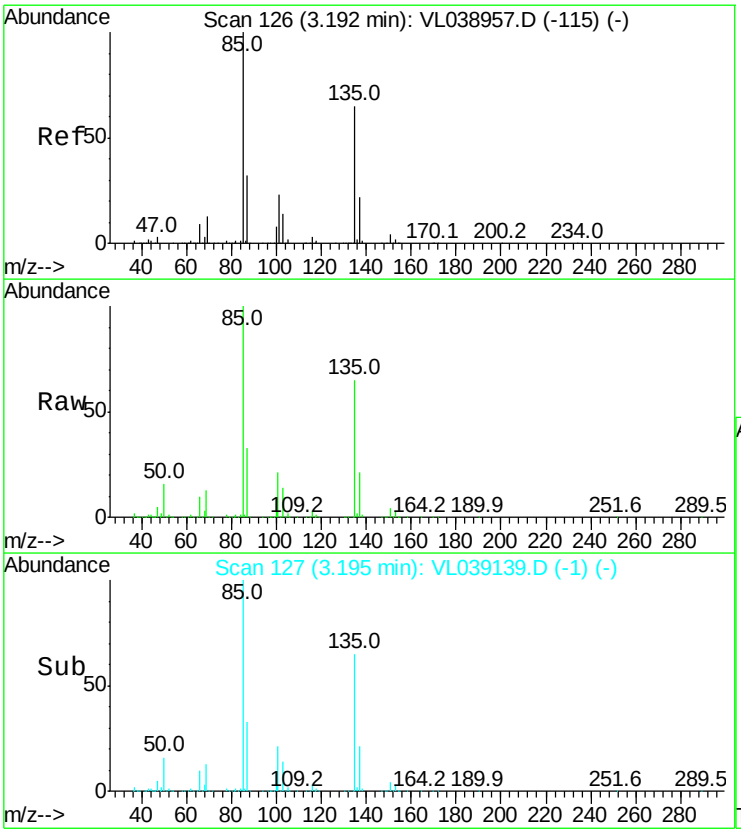
#7
Chloroethane
Concen: 16.85 ppbv
RT: 3.56
Delta R.T
Lab File:
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 64 Resp: 408616

Ion	Ratio	Lower	Upper
64	100		
66	30.6	23.6	35.4

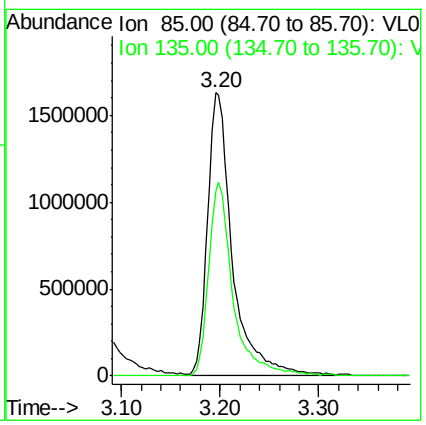


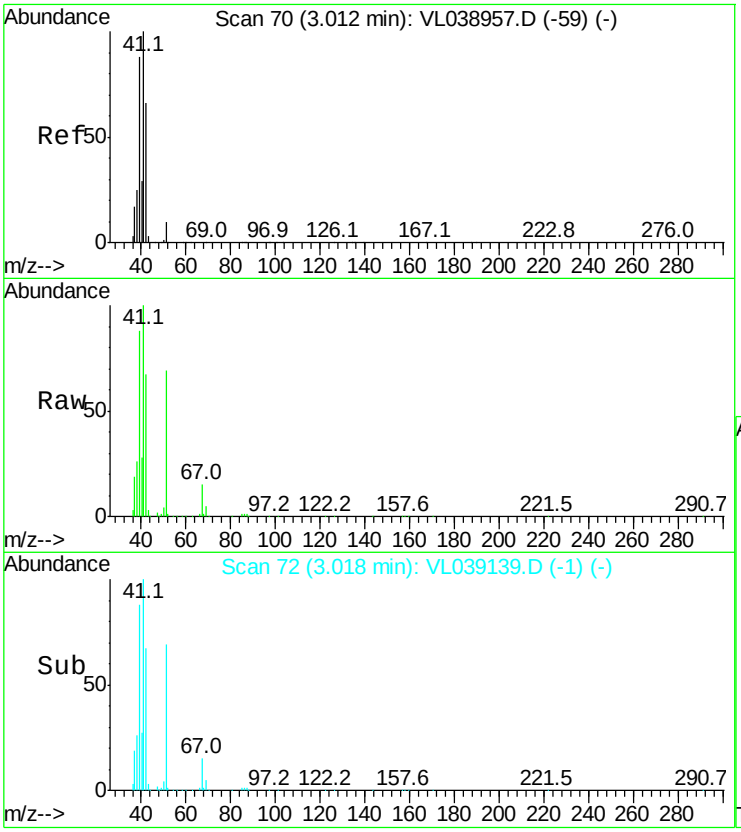


#8
Dichlorotetrafluoroethane
Concen: 15.63 ppbv
RT: 3.20 min Scan# 127
Delta R.T. -0.00 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion: 85 Resp: 2833523

Ion	Ratio	Lower	Upper
85	100		
135	68.2	55.0	82.4



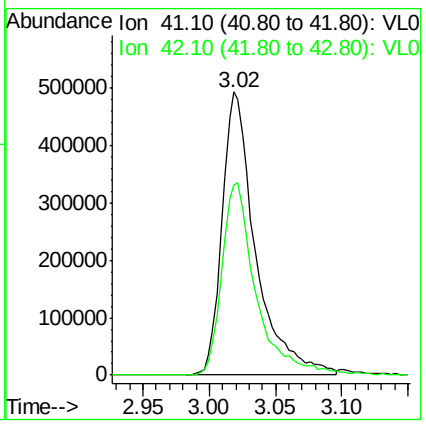


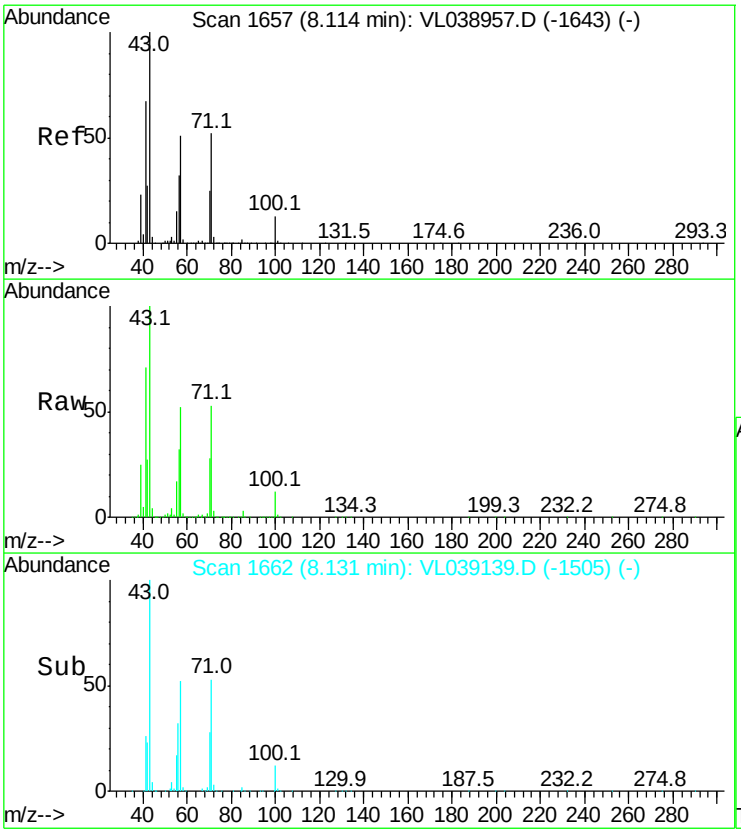
#9
Propene
Concen: 12.52 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 41 Resp: 866283

Ion	Ratio	Lower	Upper
41	100		
42	69.8	55.4	83.2

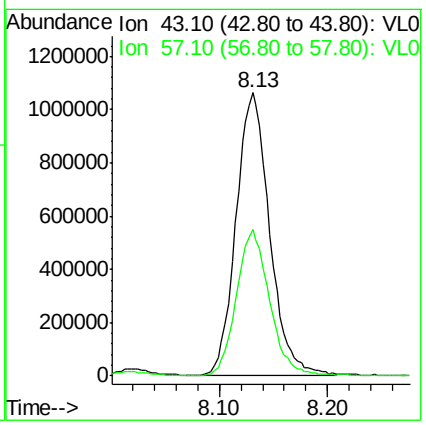


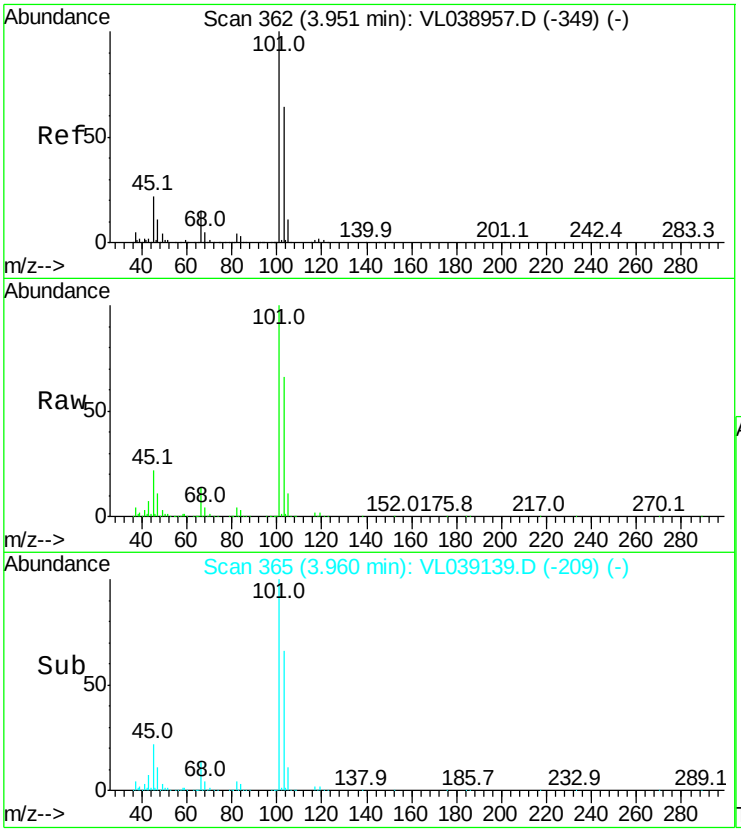


#10
Heptane
Concen: 13.49 ppbv
RT: 8.13 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion: 43 Resp: 2289531

Ion	Ratio	Lower	Upper
43	100		
57	51.6	41.4	62.2



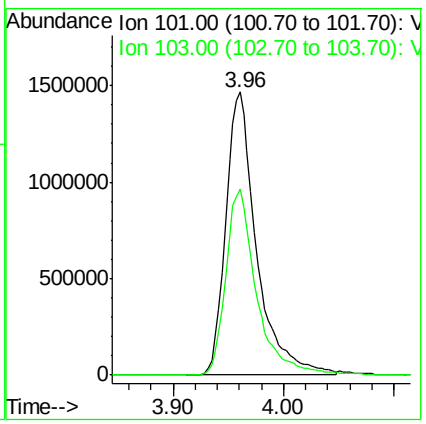


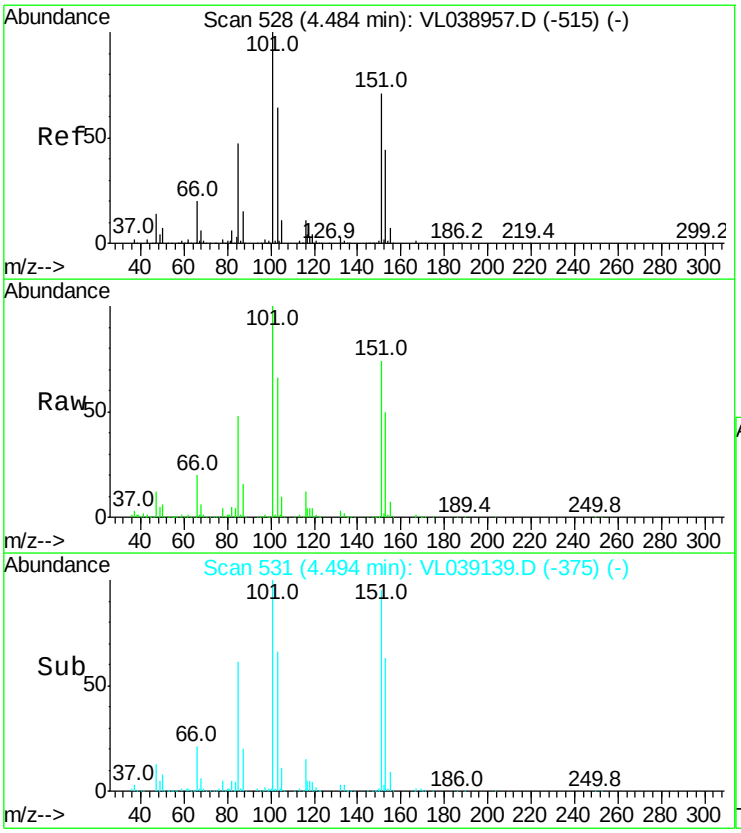
#11
Trichlorofluoromethane
Concen: 16.51 ppbv
RT: 3.96
Delta R.T
Lab File:
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:101 Resp: 2834188

Ion	Ratio	Lower	Upper
101	100		
103	65.9	51.7	77.5

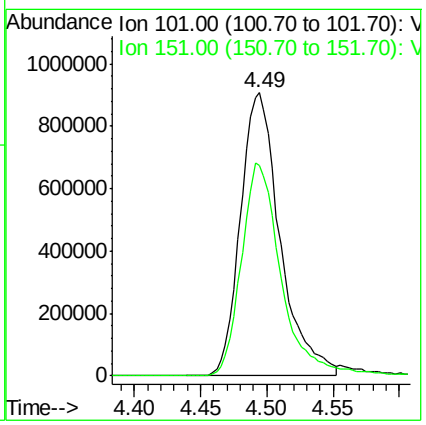


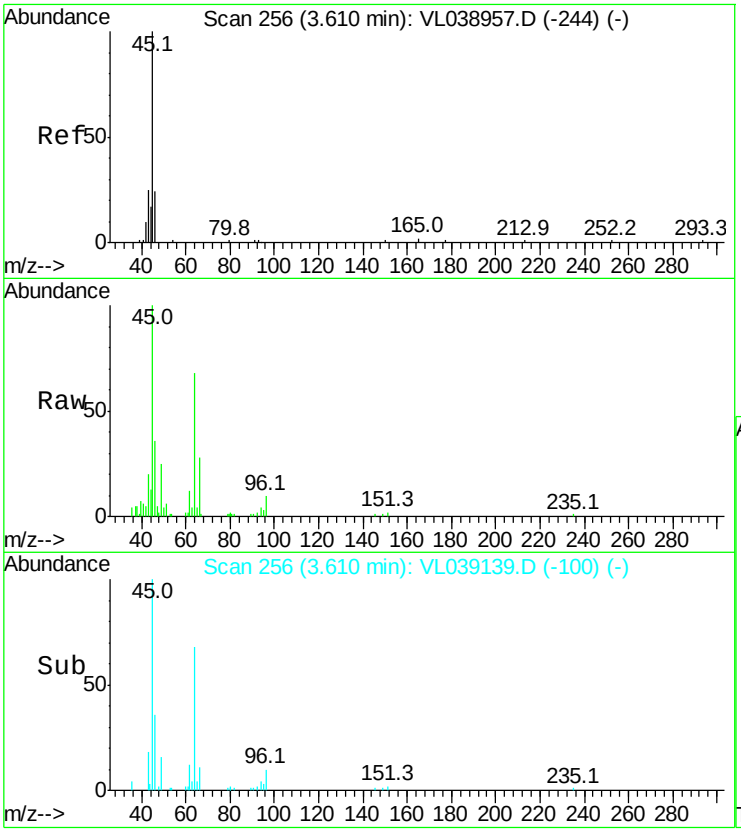


#12
1,1,2-Trichlorotrifluoroethane
Concen: 16.00 ppbv
RT: 4.49 min Scan# 531
Delta R.T. 0.00 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion:101 Resp: 1891851

Ion	Ratio	Lower	Upper
101	100		
151	76.0	59.4	89.0



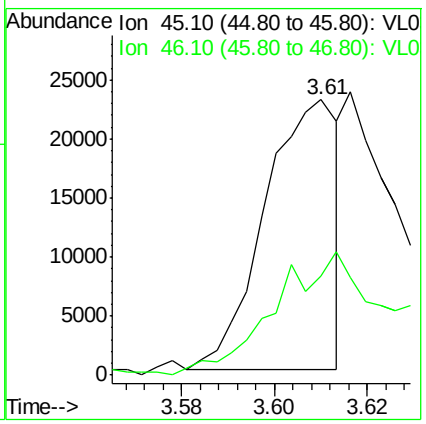


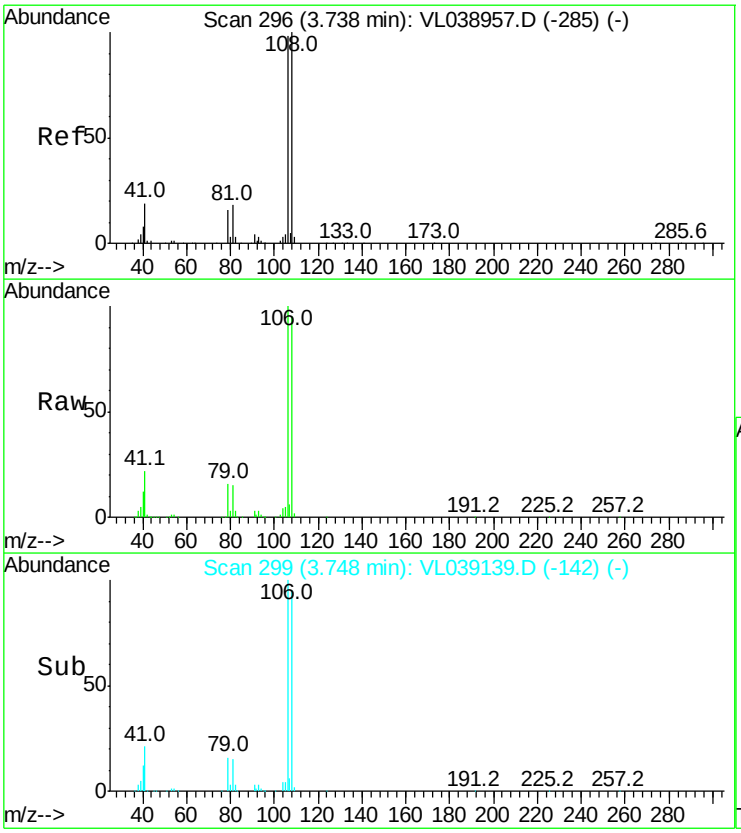
#13
Ethanol
Concen: 5.13 ppbv
RT: 3.61
Delta R.T
Lab File:
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 45 Resp: 25127

Ion	Ratio	Lower	Upper
45	100		
46	98.3	0.0	0.0#

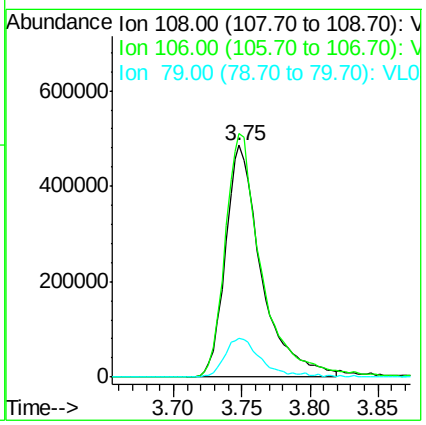


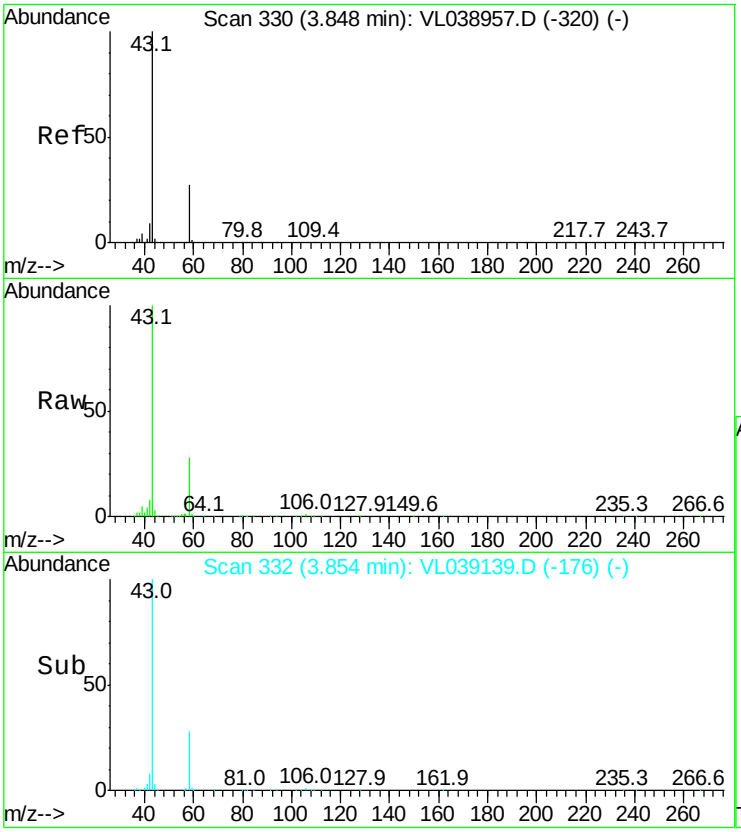


#14
Bromoethene
Concen: 18.20 ppbv
RT: 3.75 min Scan# 299
Delta R.T. 0.00 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion:108 Resp: 887404

Ion	Ratio	Lower	Upper
108	100		
106	107.7	88.4	132.6
79	17.8	13.4	20.2



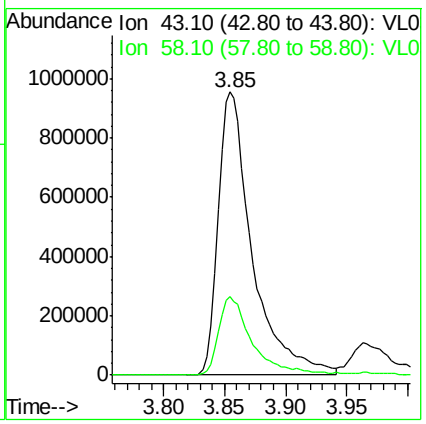


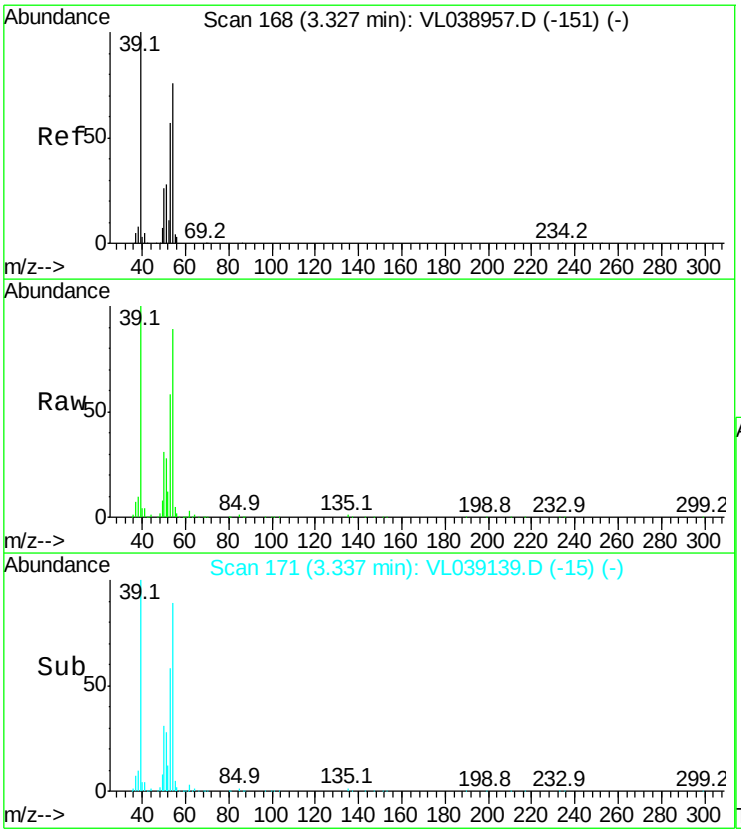
#15
Acetone
Concen: 15.53 ppbv
RT: 3.85
Delta R.T
Lab File:
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 43 Resp: 1870958

Ion	Ratio	Lower	Upper
43	100		
58	27.6	22.5	33.7

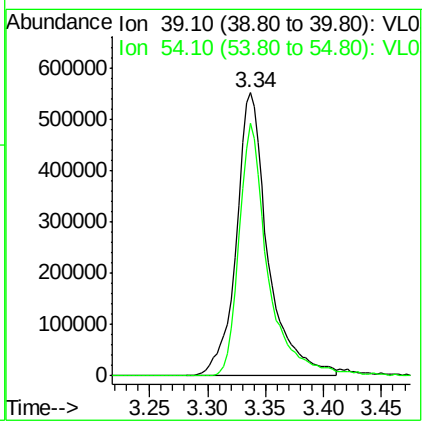


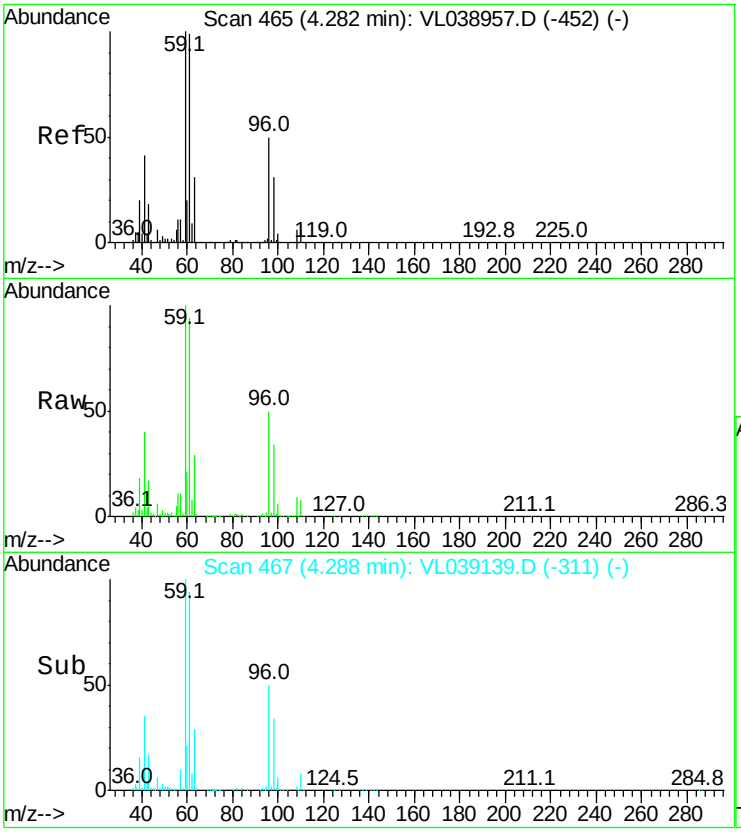


#16
1,3-Butadiene
Concen: 15.07 ppbv
RT: 3.34 min Scan# 171
Delta R.T. 0.00 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion: 39 Resp: 1042494

Ion	Ratio	Lower	Upper
39	100		
54	81.9	65.8	98.6



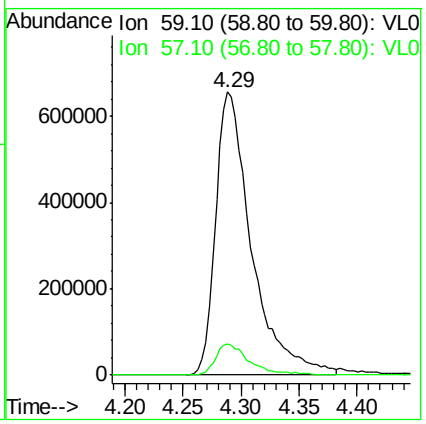


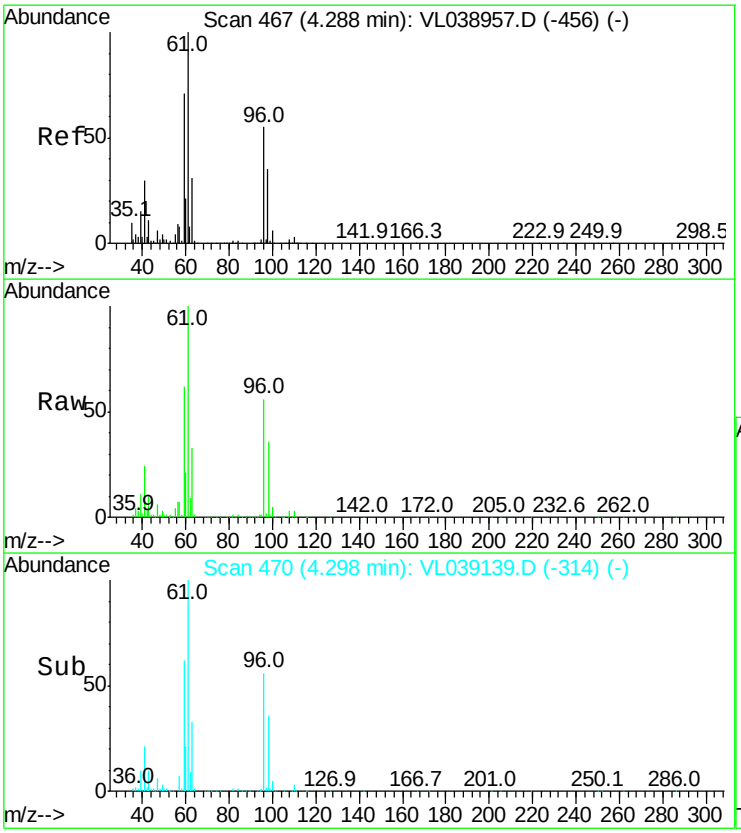
#17
tert-Butyl alcohol
Concen: 15.26 ppbv
RT: 4.29
Delta R.T
Lab File:
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 59 Resp: 1412272

Ion	Ratio	Lower	Upper
59	100		
57	10.9	9.1	13.7

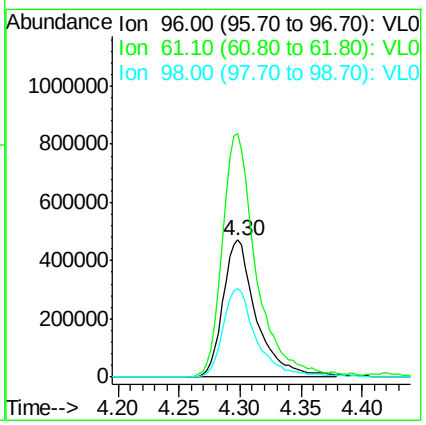


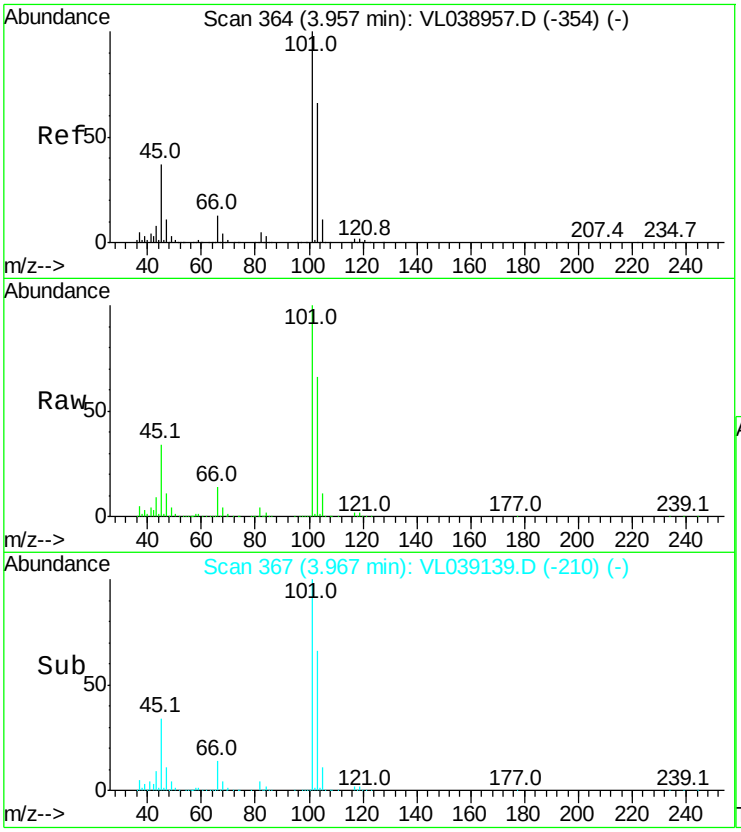


#18
1,1-Dichloroethene
Concen: 17.80 ppbv
RT: 4.30 min Scan# 470
Delta R.T. 0.00 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion: 96 Resp: 905535

Ion	Ratio	Lower	Upper
96	100		
61	177.8	138.4	207.6
98	64.9	47.8	71.8



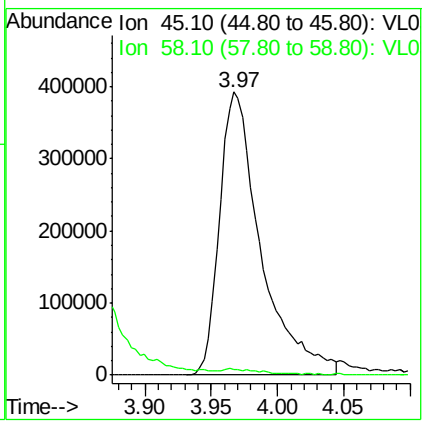


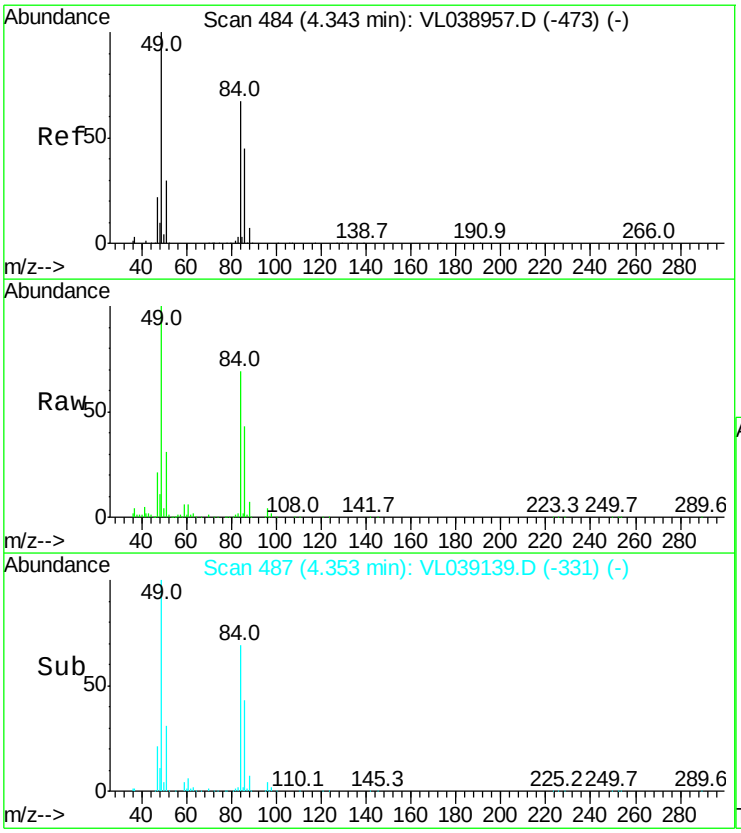
#19
Isopropyl Alcohol
Concen: 14.87 ppbv
RT: 3.97
Delta R.T
Lab File:
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 45 Resp: 851413

Ion	Ratio	Lower	Upper
45	100		
58	2.8	1.8	2.8#

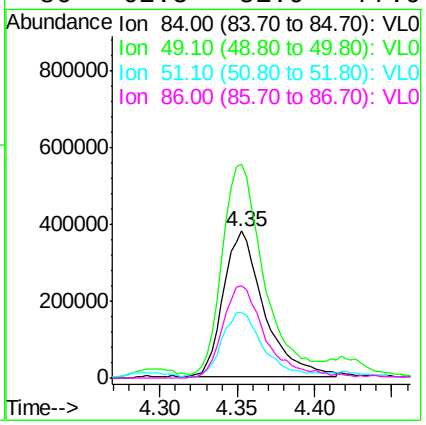


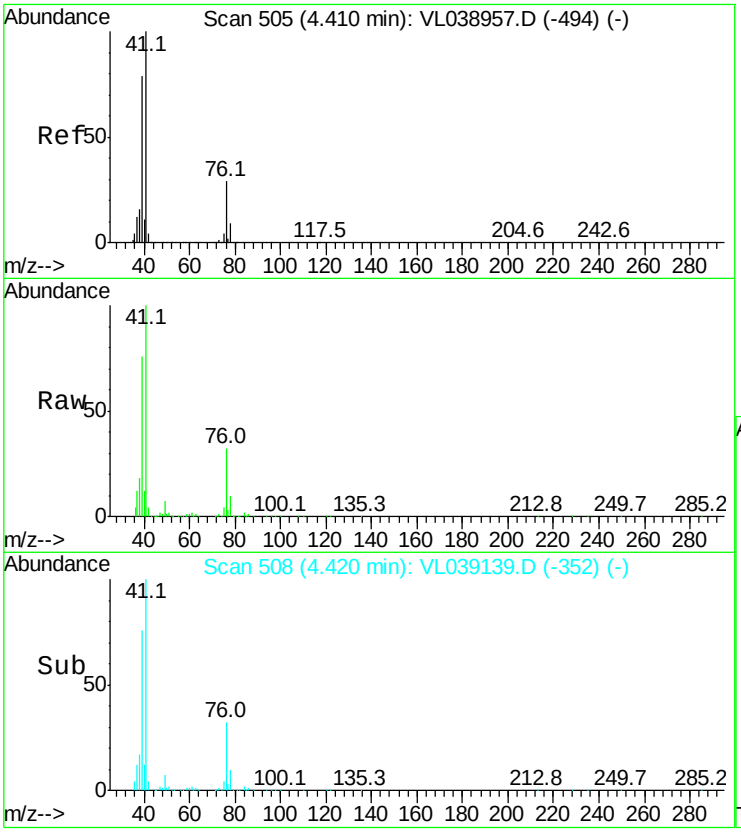


#20
Methylene Chloride
Concen: 15.47 ppbv
RT: 4.35 min Scan# 487
Delta R.T. 0.00 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion: 84 Resp: 702280

Ion	Ratio	Lower	Upper
84	100		
49	143.1	111.1	166.7
51	43.2	35.3	52.9
86	62.5	51.9	77.9



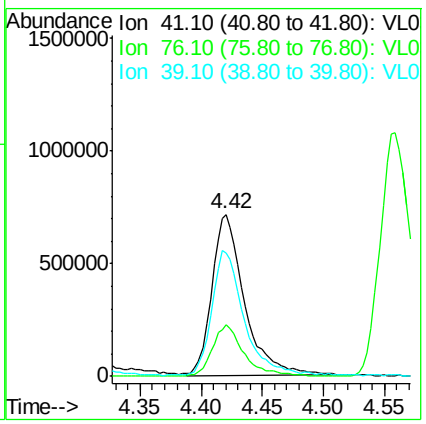


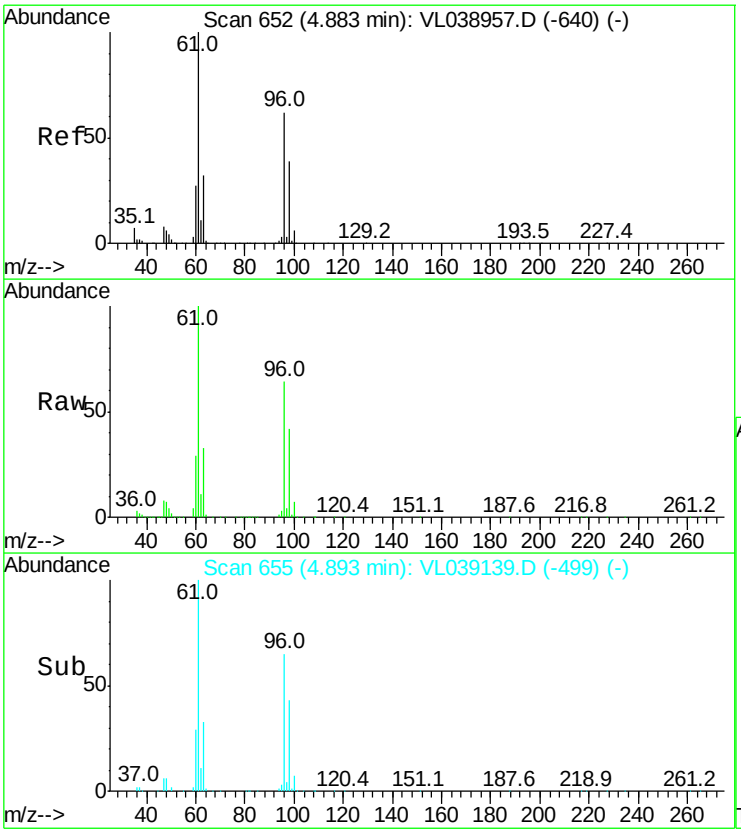
#21
Allyl Chloride
Concen: 16.23 ppbv
RT: 4.42
Delta R.T
Lab File:
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 41 Resp: 1331815

Ion	Ratio	Lower	Upper
41	100		
76	31.4	24.2	36.2
39	77.4	62.2	93.2

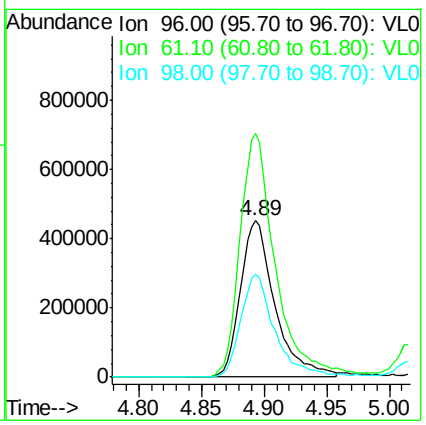


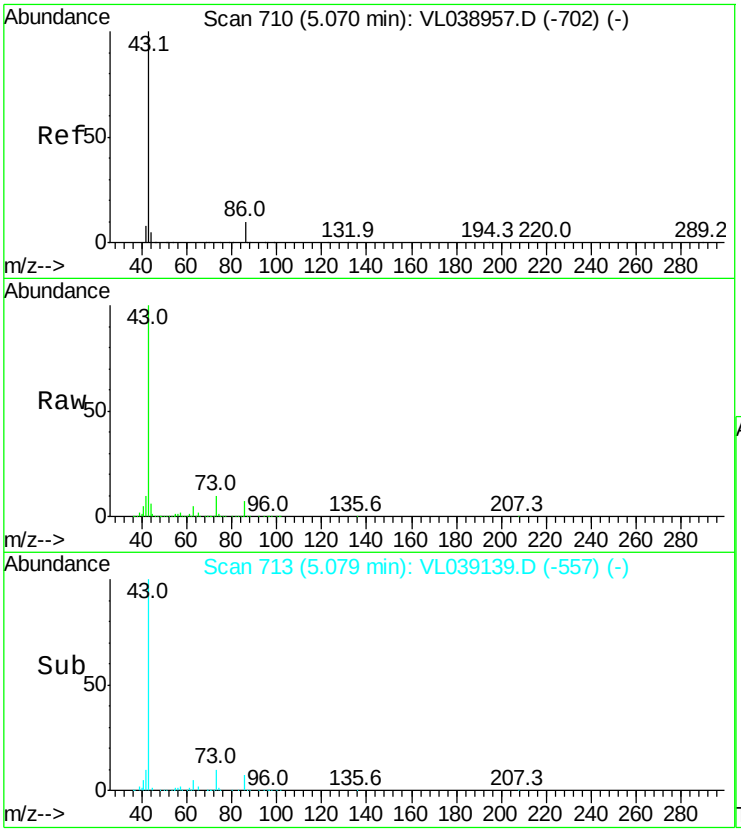


#22
trans-1,2-Dichloroethene
Concen: 15.78 ppbv
RT: 4.89 min Scan# 655
Delta R.T. 0.00 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion: 96 Resp: 867221

Ion	Ratio	Lower	Upper
96	100		
61	155.6	126.6	190.0
98	66.1	52.5	78.7



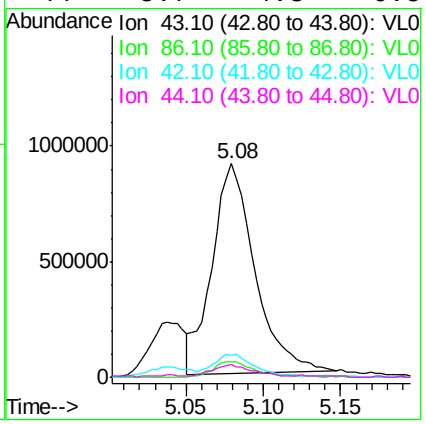


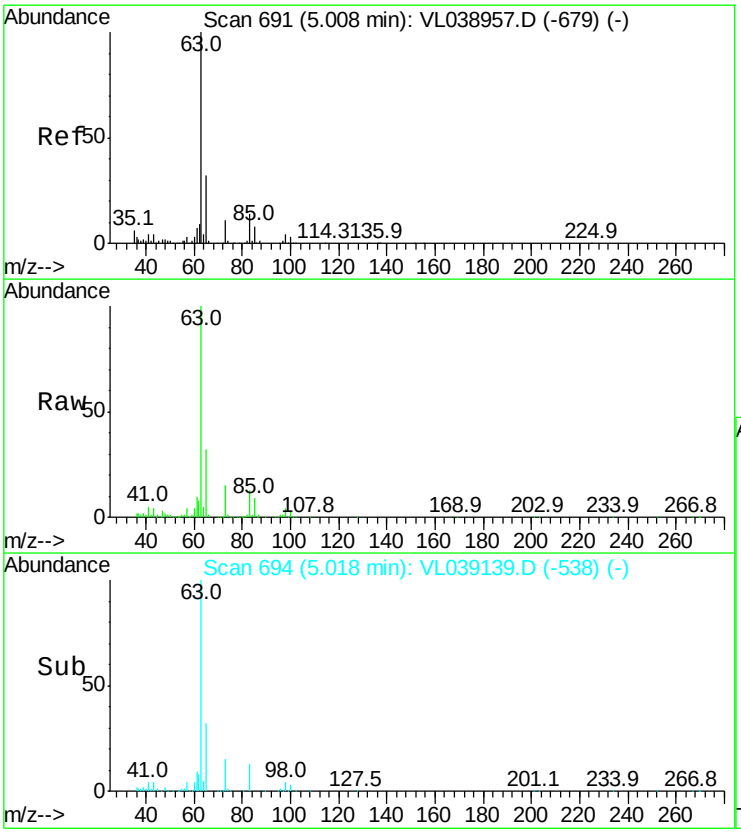
#23
Vinyl Acetate
Concen: 18.36 ppbv
RT: 5.08
Delta R.T
Lab File:
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 43 Resp: 1749683

Ion	Ratio	Lower	Upper
43	100		
86	7.1	6.0	9.0
42	10.1	8.2	12.4
44	5.7	4.3	6.5

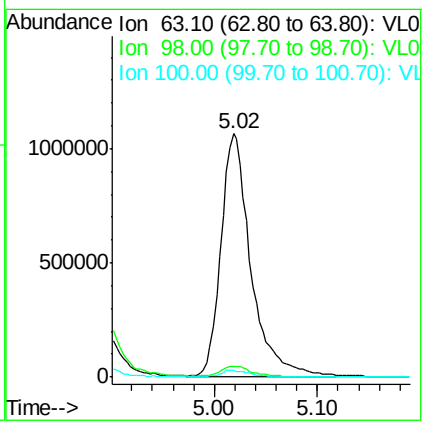


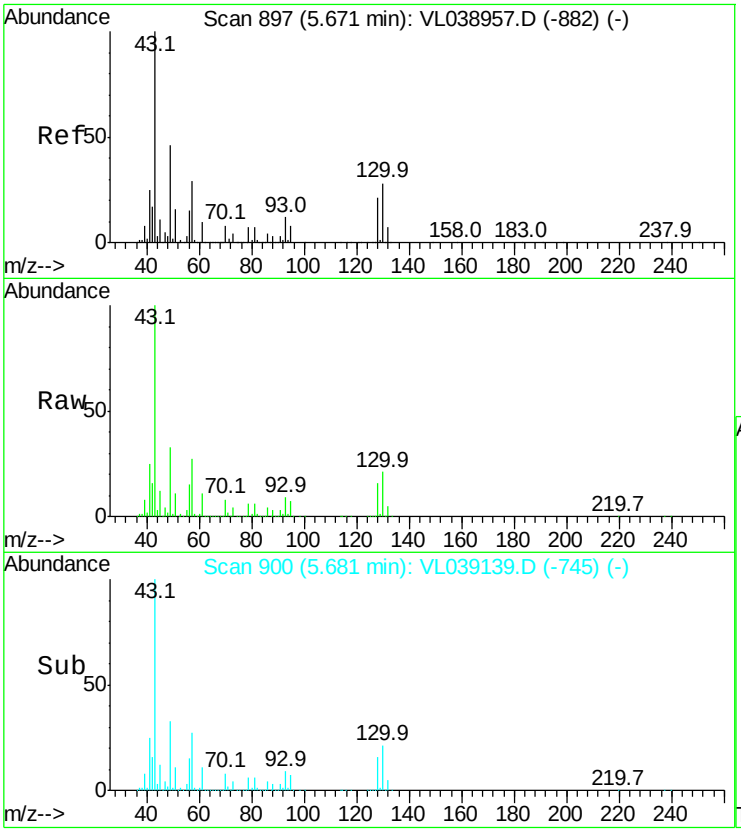


#24
1,1-Dichloroethane
Concen: 19.48 ppbv
RT: 5.02 min Scan# 694
Delta R.T. 0.00 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion: 63 Resp: 2137204

Ion	Ratio	Lower	Upper
63	100		
98	4.4	2.1	6.2
100	2.7	1.5	4.5



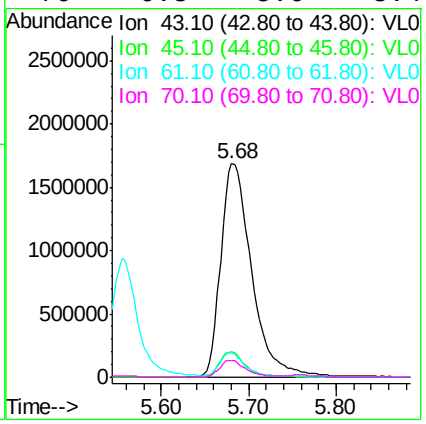


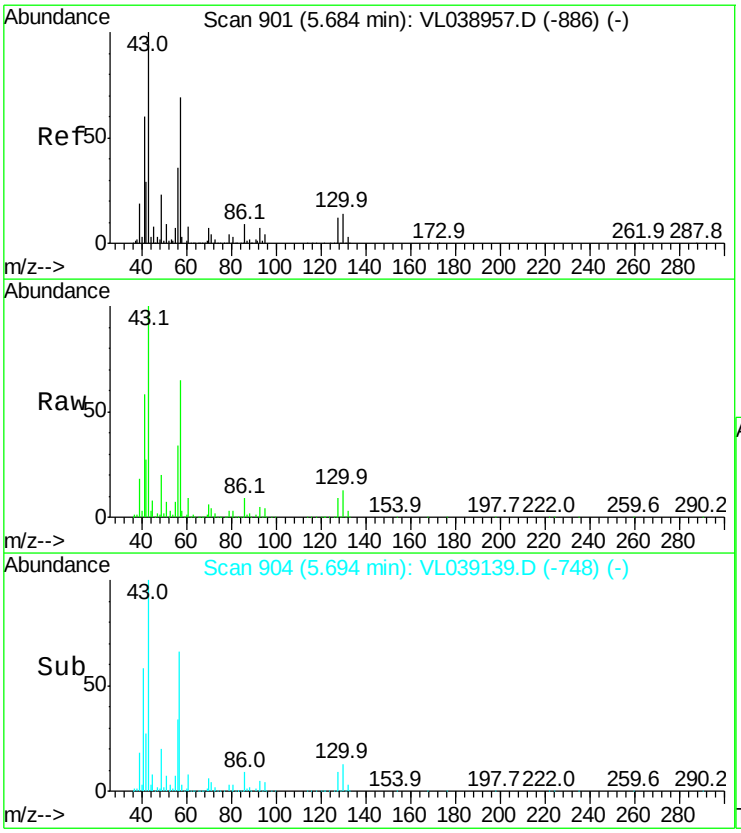
#25
Ethyl Acetate
Concen: 14.32 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 43 Resp: 4126829

Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.2	12.2
61	9.9	8.4	12.6
70	6.8	5.6	8.4

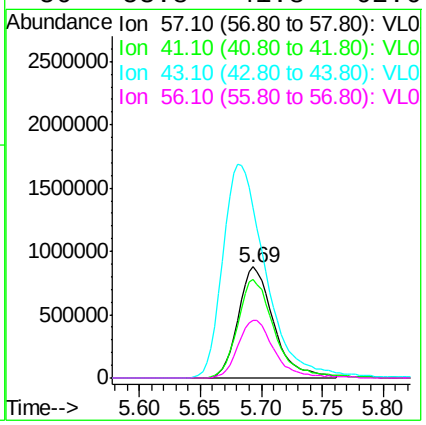


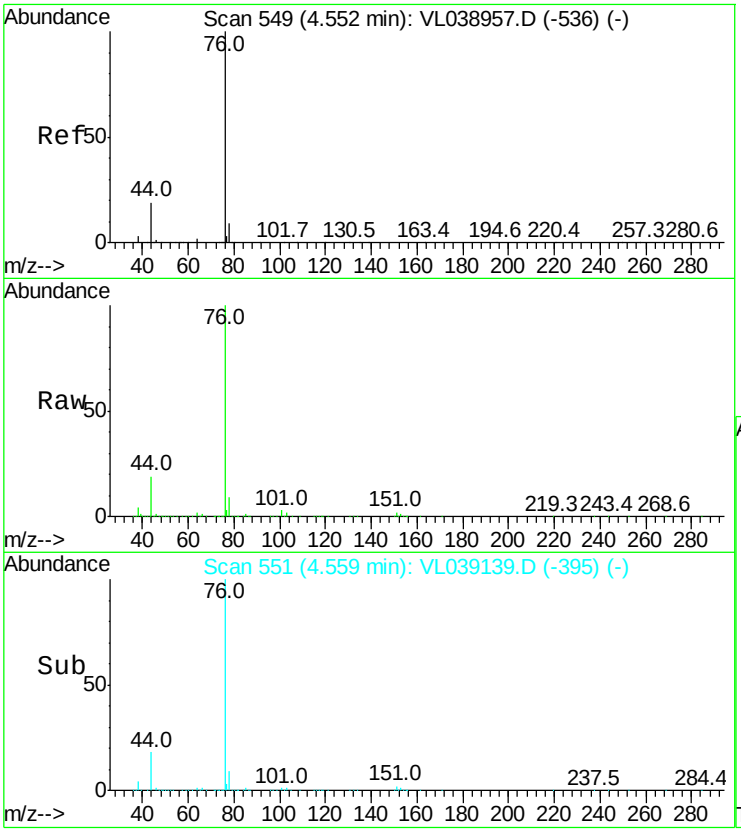


#26
Hexane
Concen: 13.68 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.00 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion: 57 Resp: 1752525

Ion	Ratio	Lower	Upper
57	100		
41	94.0	72.4	108.6
43	237.0	187.0	280.6
56	53.8	41.8	62.6



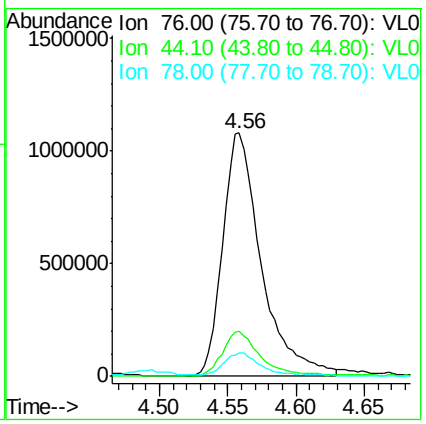


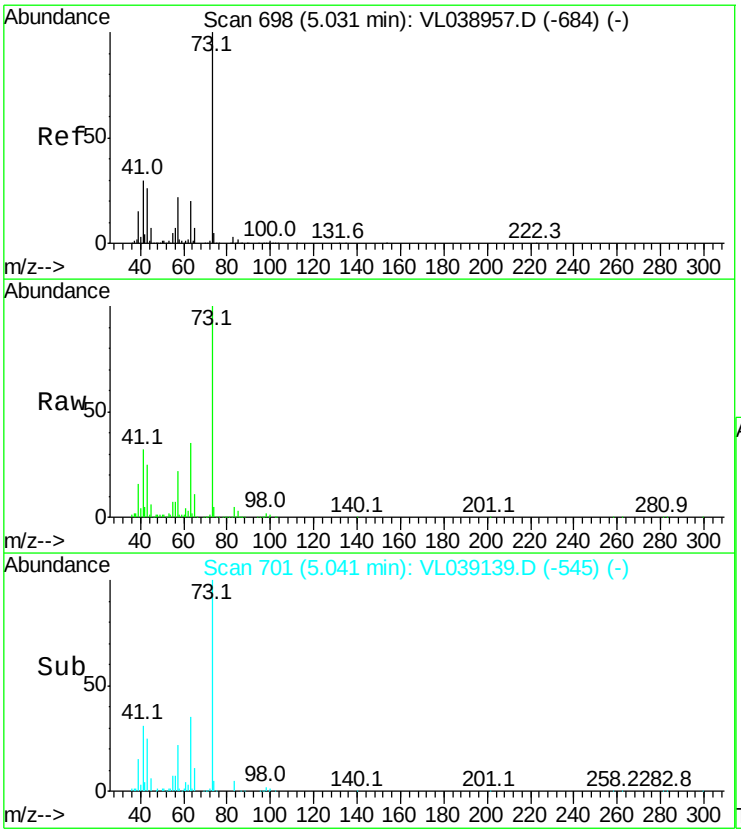
#27
Carbon Disulfide
Concen: 17.43 ppbv
RT: 4.56
Delta R.T
Lab File:
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 76 Resp: 2120265

Ion	Ratio	Lower	Upper
76	100		
44	18.3	14.4	21.6
78	10.1	7.7	11.5

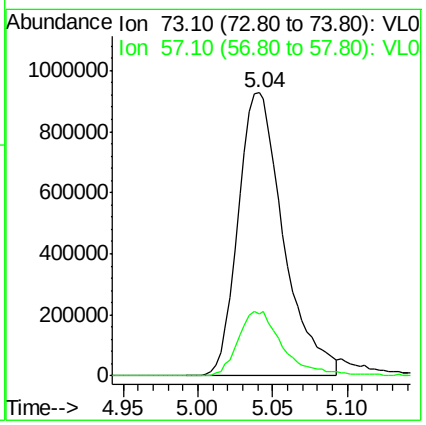


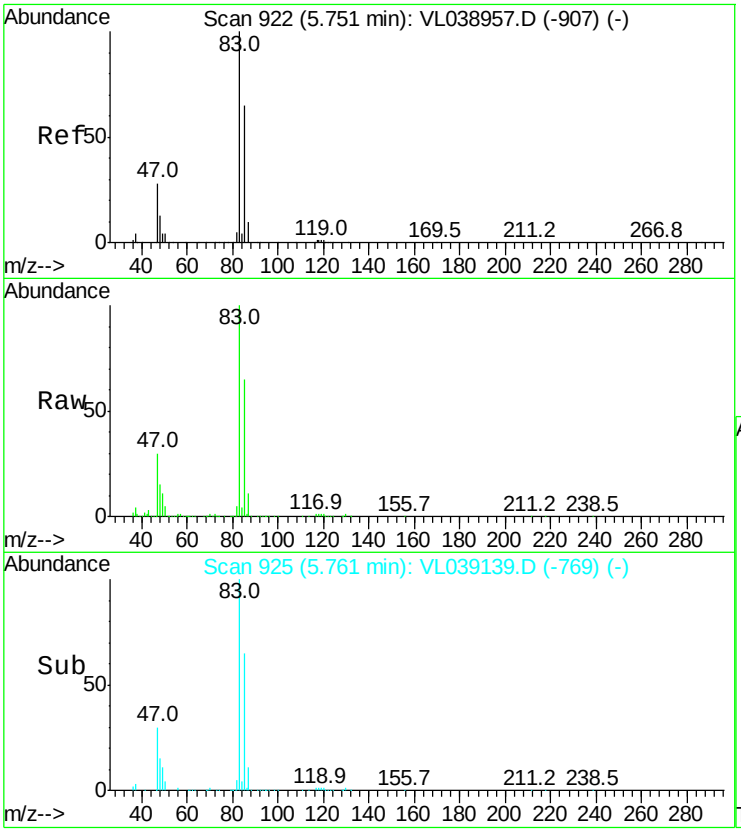


#28
Methyl tert-Butyl Ether
Concen: 20.08 ppbv
RT: 5.04 min Scan# 701
Delta R.T. 0.00 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion: 73 Resp: 1956853

Ion	Ratio	Lower	Upper
73	100		
57	23.2	18.6	27.8



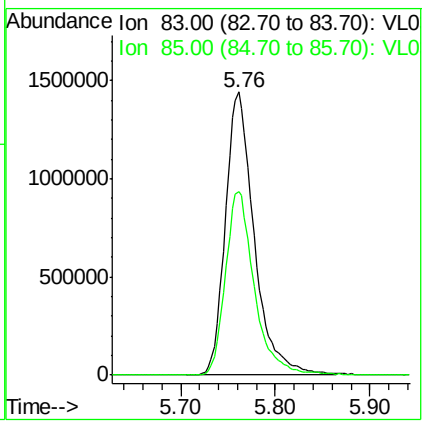


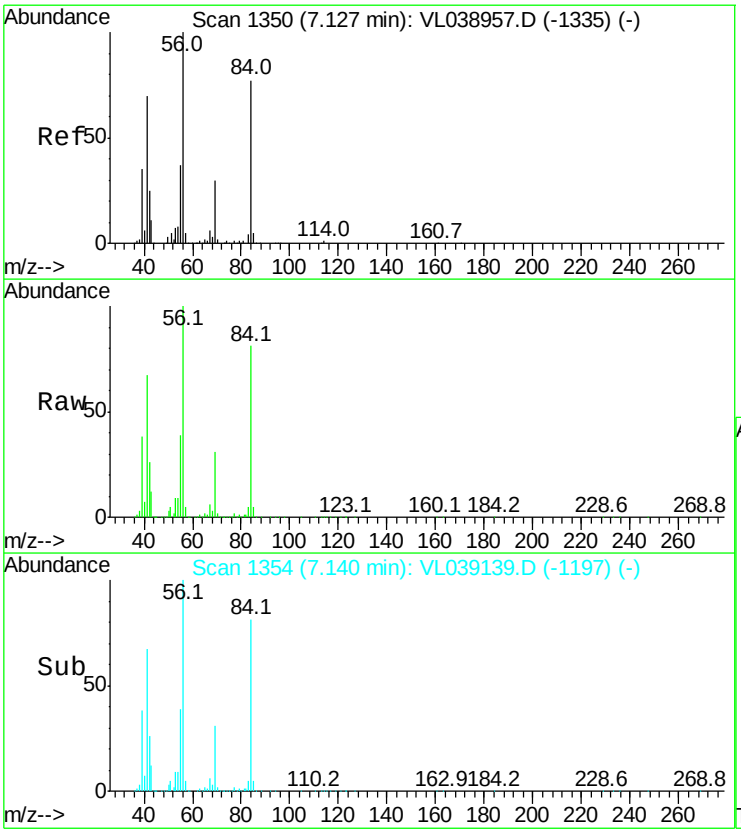
#29
Chloroform
Concen: 14.73 ppbv
RT: 5.76
Delta R.T
Lab File:
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 83 Resp: 3052099

Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.4	78.6

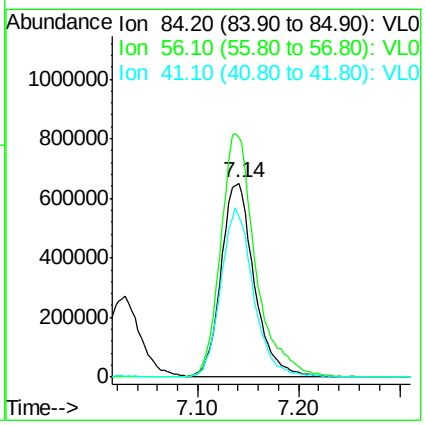


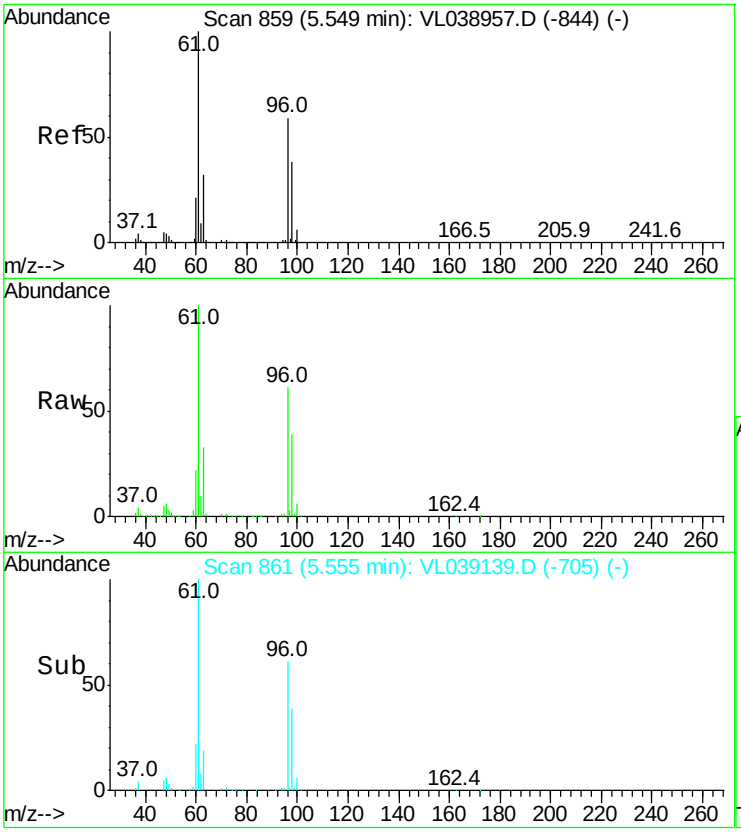


#30
Cyclohexane
Concen: 13.97 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. 0.00 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion: 84 Resp: 1498562

Ion	Ratio	Lower	Upper
84	100		
56	132.4	110.6	165.8
41	85.7	68.9	103.3



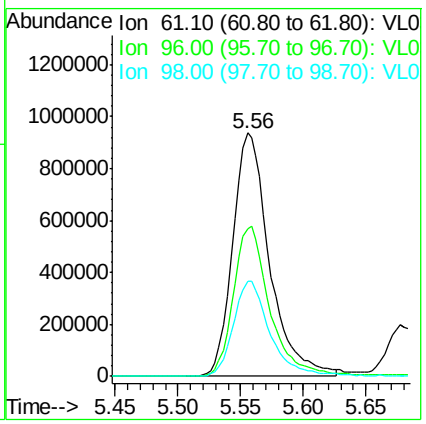


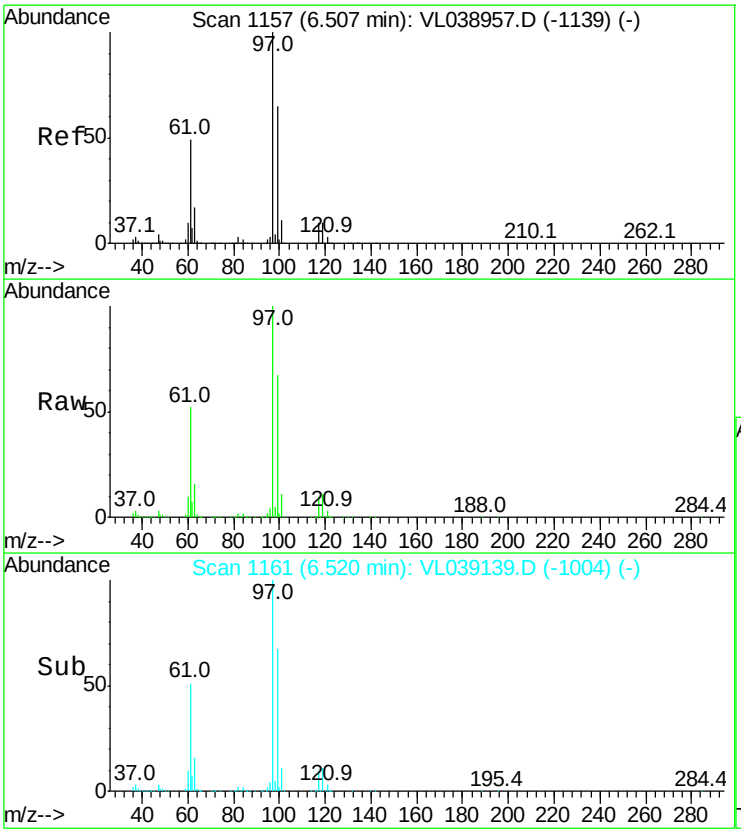
#31
cis-1,2-Dichloroethene
Concen: 14.61 ppbv
RT: 5.56
Delta R.T
Lab File:
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 61 Resp: 1906572

Ion	Ratio	Lower	Upper
61	100		
96	60.9	49.9	74.9
98	39.1	32.0	48.0

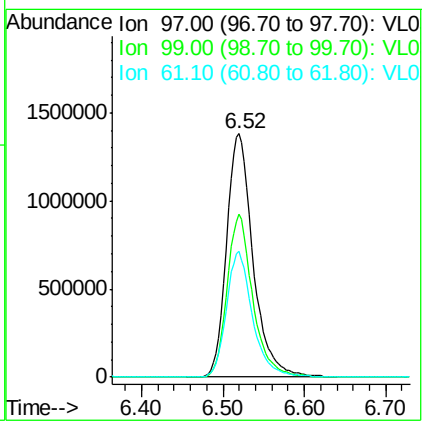


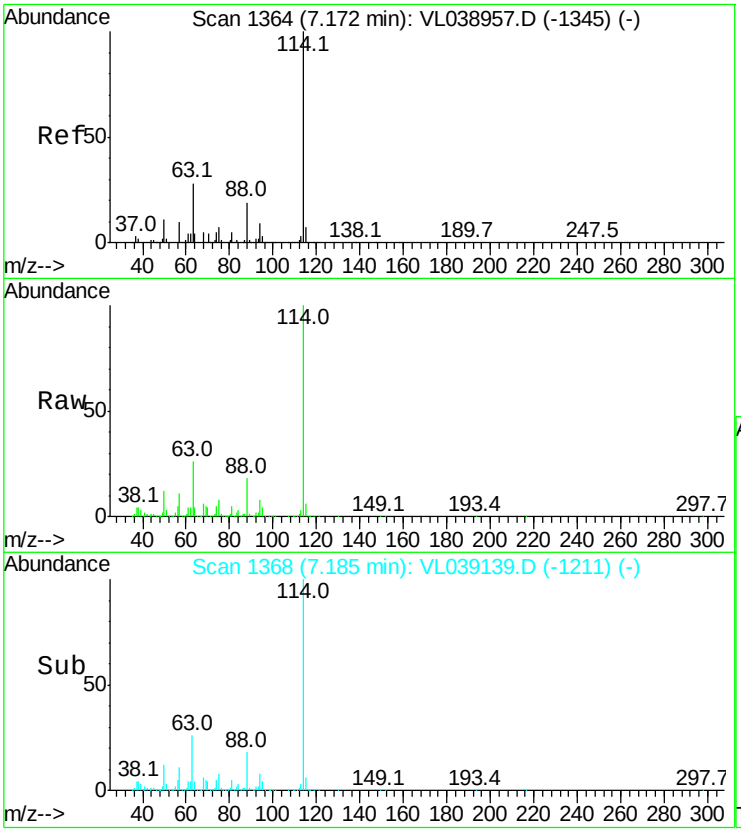


#32
1,1,1-Trichloroethane
Concen: 15.20 ppbv
RT: 6.52 min Scan# 1161
Delta R.T. 0.00 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion: 97 Resp: 3149912

Ion	Ratio	Lower	Upper
97	100		
99	65.0	52.1	78.1
61	50.8	40.0	60.0



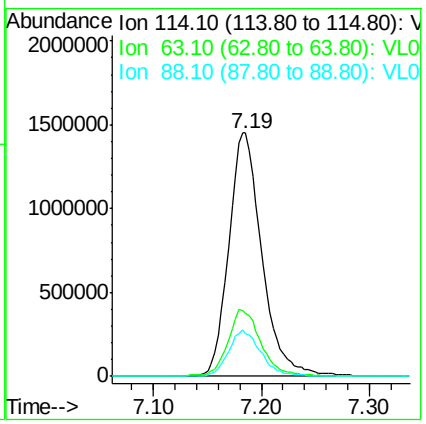


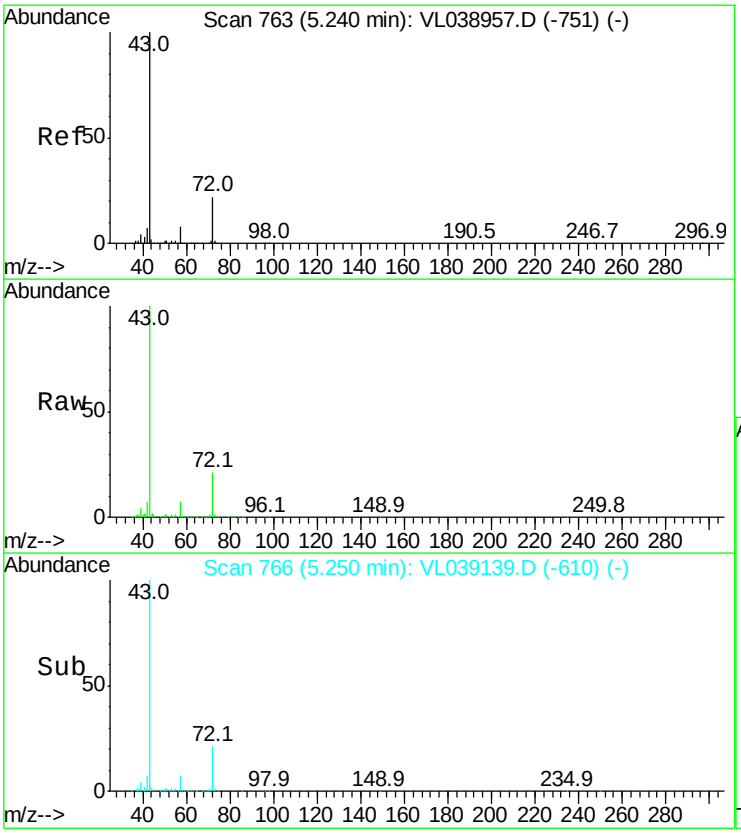
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.19
Delta R.T
Lab File:
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:114 Resp: 3105129

Ion	Ratio	Lower	Upper
114	100		
63	27.9	21.7	32.5
88	18.7	14.8	22.2

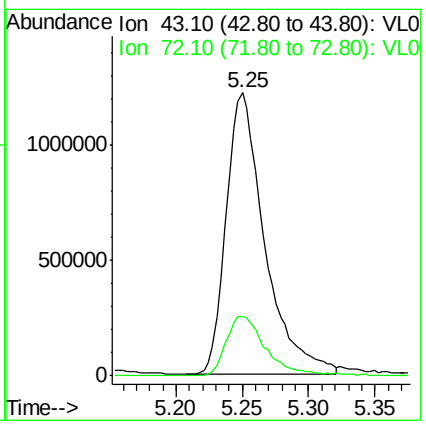


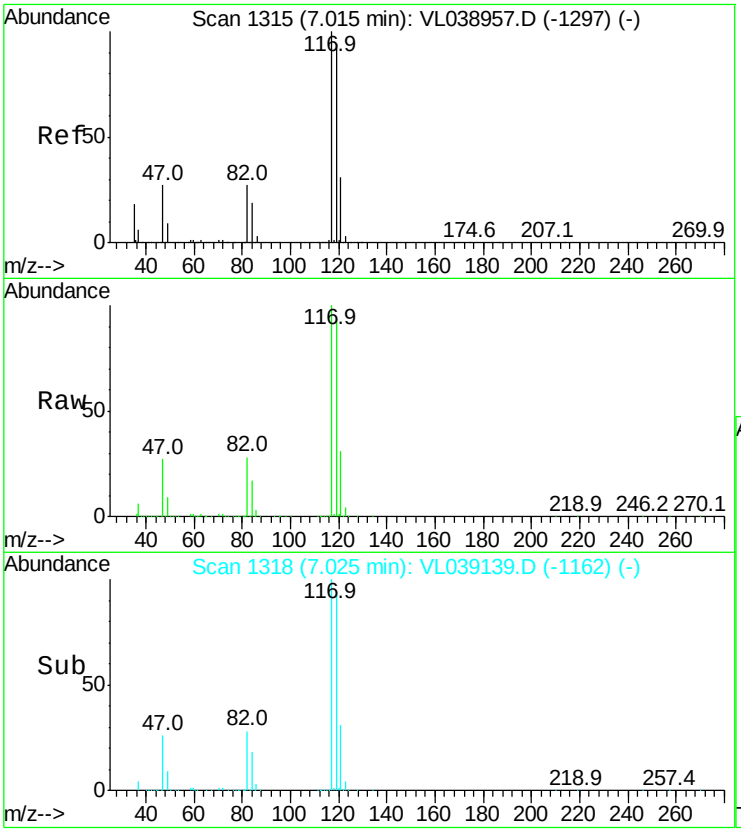


#34
2-Butanone
Concen: 15.74 ppbv
RT: 5.25 min Scan# 766
Delta R.T. 0.00 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion: 43 Resp: 2493295

Ion	Ratio	Lower	Upper
43	100		
72	22.5	18.2	27.2



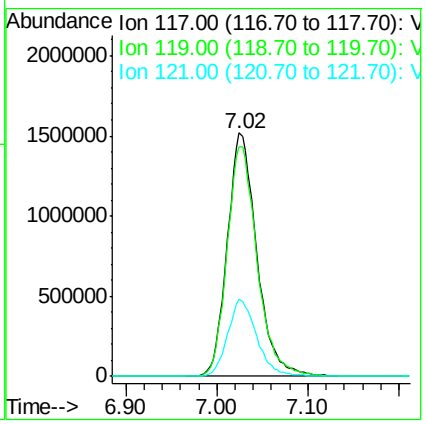


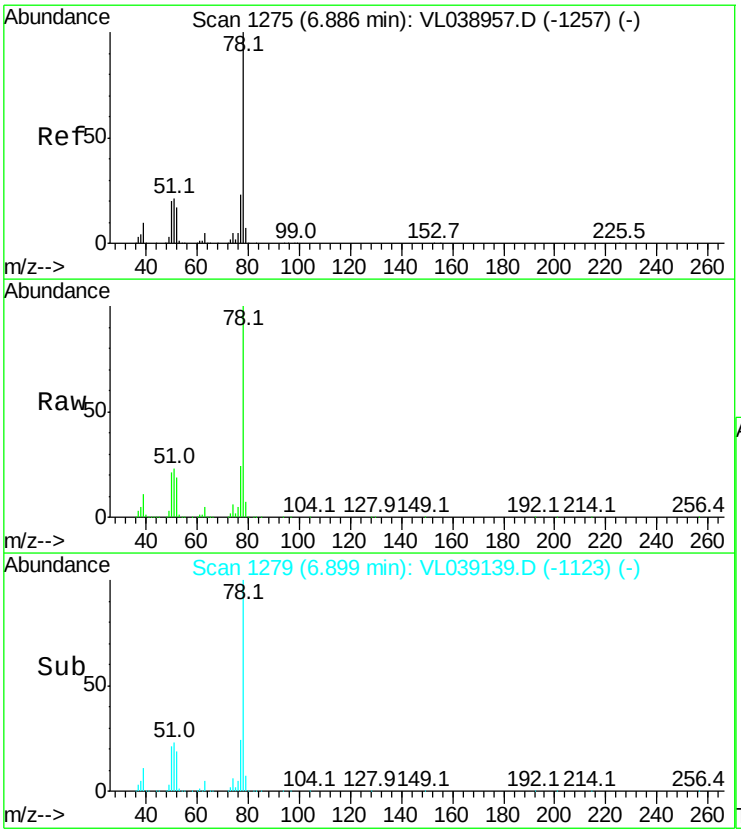
#35
Carbon Tetrachloride
Concen: 16.74 ppbv
RT: 7.02
Delta R.T
Lab File:
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:117 Resp: 3424261

Ion	Ratio	Lower	Upper
117	100		
119	94.5	78.6	118.0
121	31.5	25.4	38.0

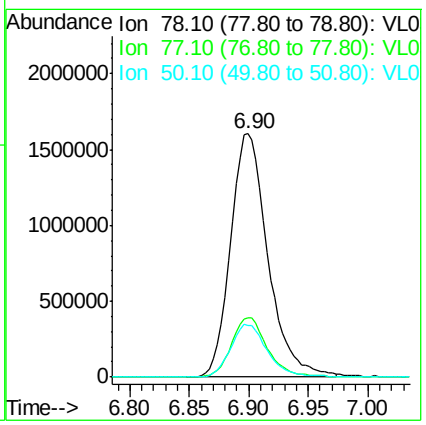


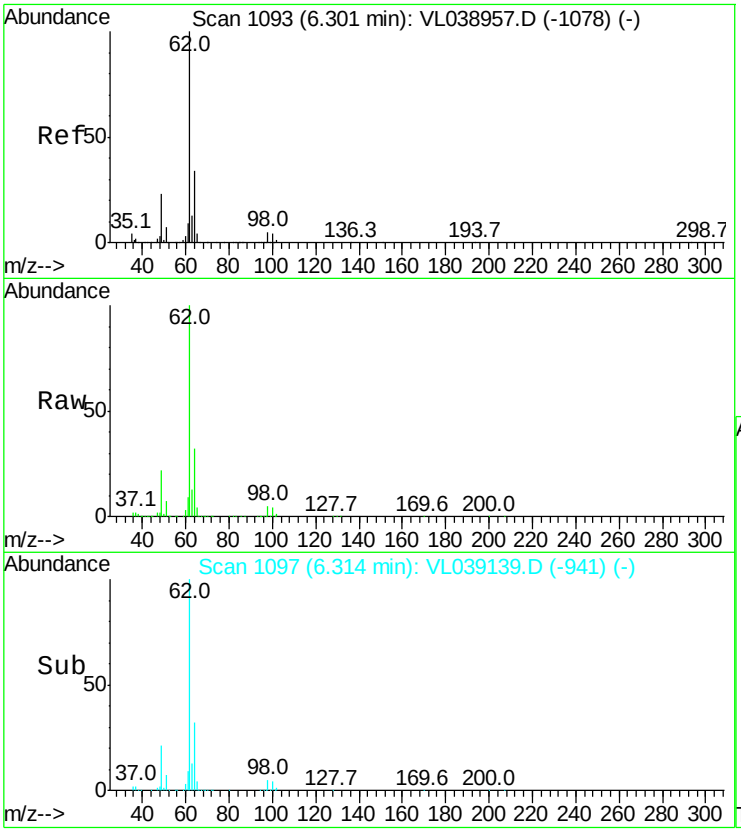


#36
Benzene
Concen: 13.15 ppbv
RT: 6.90 min Scan# 1279
Delta R.T. 0.00 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion: 78 Resp: 3494152

Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.6	27.8
50	21.4	15.8	23.8



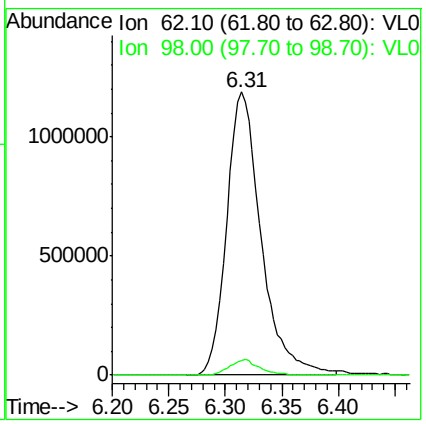


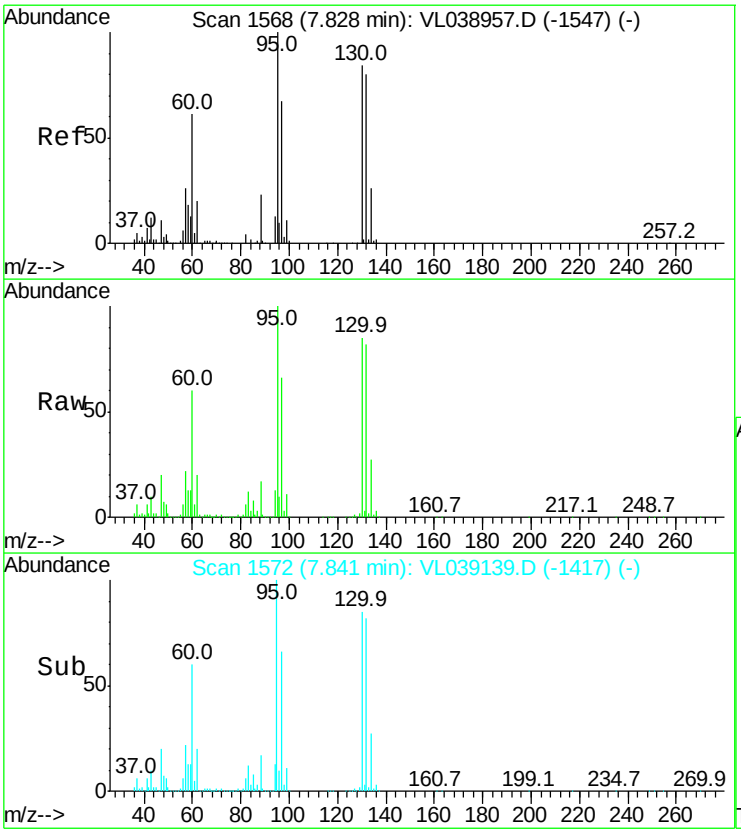
#37
1,2-Dichloroethane
Concen: 15.32 ppbv
RT: 6.31
Delta R.T
Lab File:
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 62 Resp: 2519523

Ion	Ratio	Lower	Upper
62	100		
98	5.0	4.3	6.5

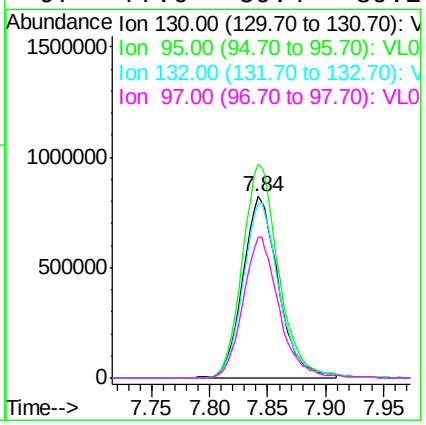


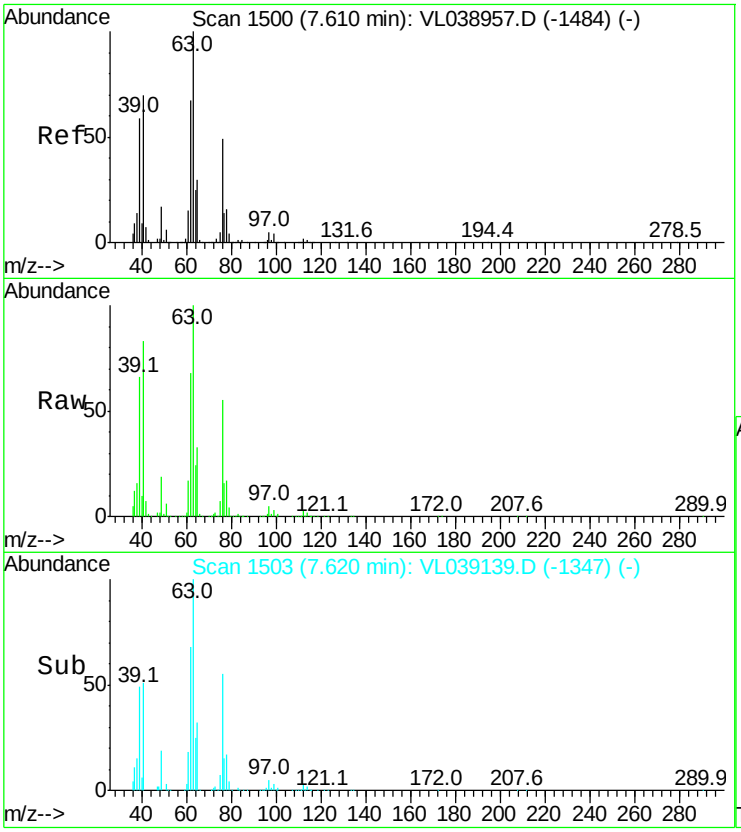


#38
Trichloroethene
Concen: 14.81 ppbv
RT: 7.84 min Scan# 1572
Delta R.T. -0.00 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion:130 Resp: 1749883

Ion	Ratio	Lower	Upper
130	100		
95	117.9	93.3	139.9
132	96.2	79.0	118.4
97	77.6	59.4	89.2



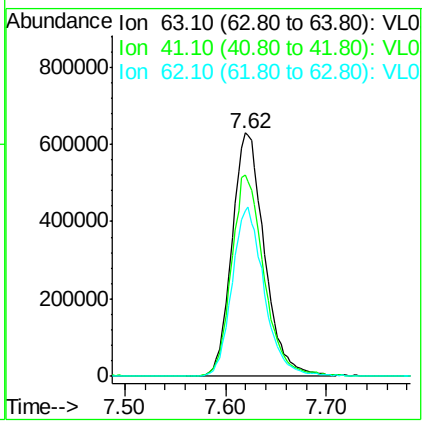


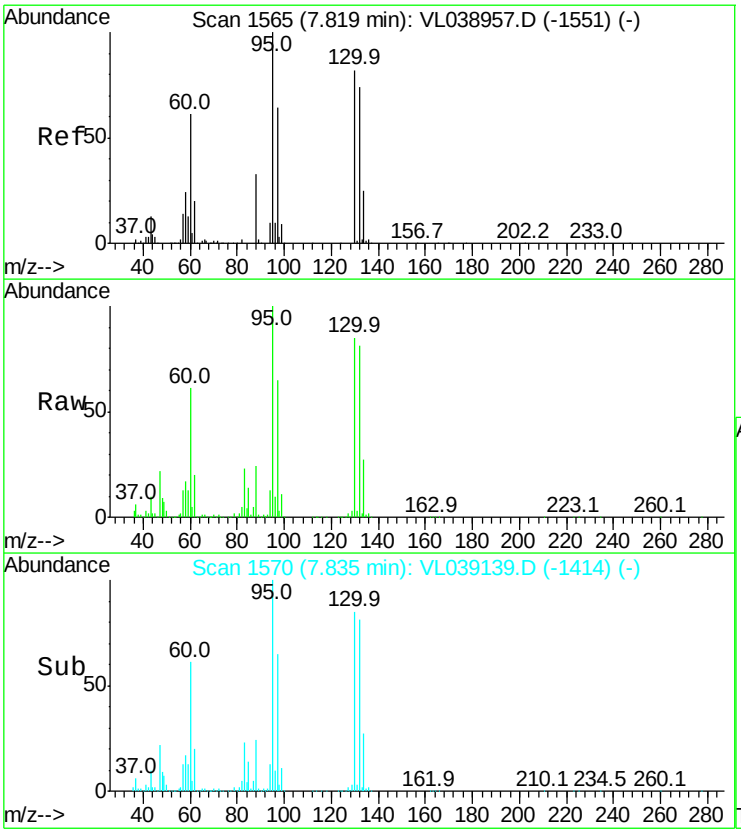
#39
1,2-Dichloropropane
Concen: 13.63 ppbv
RT: 7.62
Delta R.T
Lab File:
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 63 Resp: 1409120

Ion	Ratio	Lower	Upper
63	100		
41	82.5	60.8	91.2
62	68.0	52.9	79.3

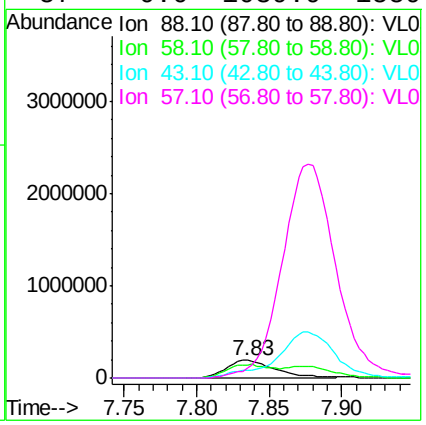


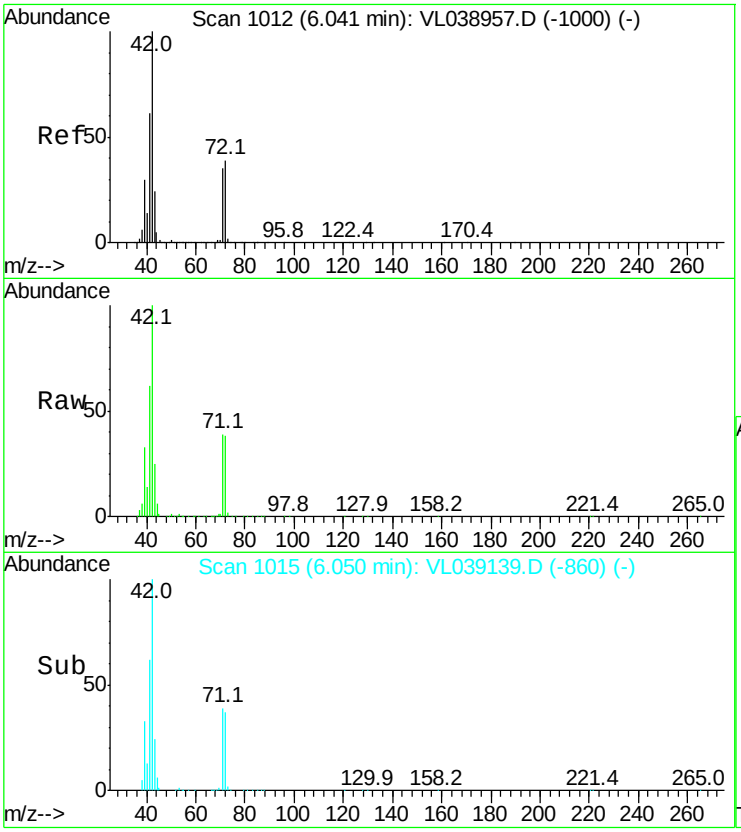


#40
1,4-Dioxane
Concen: 11.93 ppbv
RT: 7.83 min Scan# 1570
Delta R.T. 0.00 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion: 88 Resp: 442985

Ion	Ratio	Lower	Upper
88	100		
58	77.6	111.2	166.8#
43	0.0	234.2	351.4#
57	0.0	1039.9	1559.9#



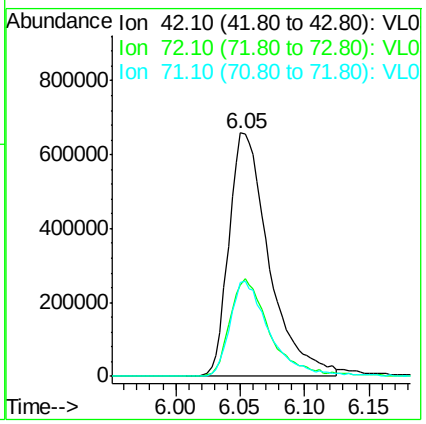


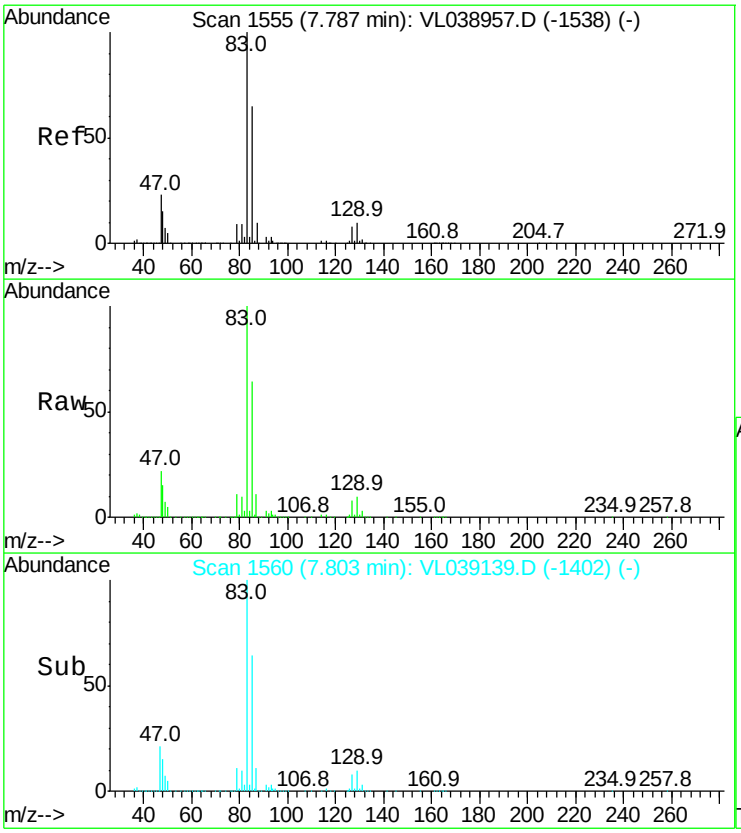
#41
Tetrahydrofuran
Concen: 13.37 ppbv
RT: 6.05
Delta R.T
Lab File:
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 42 Resp: 1423737

Ion	Ratio	Lower	Upper
42	100		
72	40.1	32.0	48.0
71	39.0	31.1	46.7

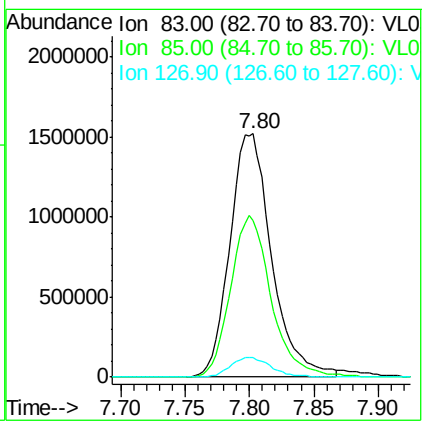


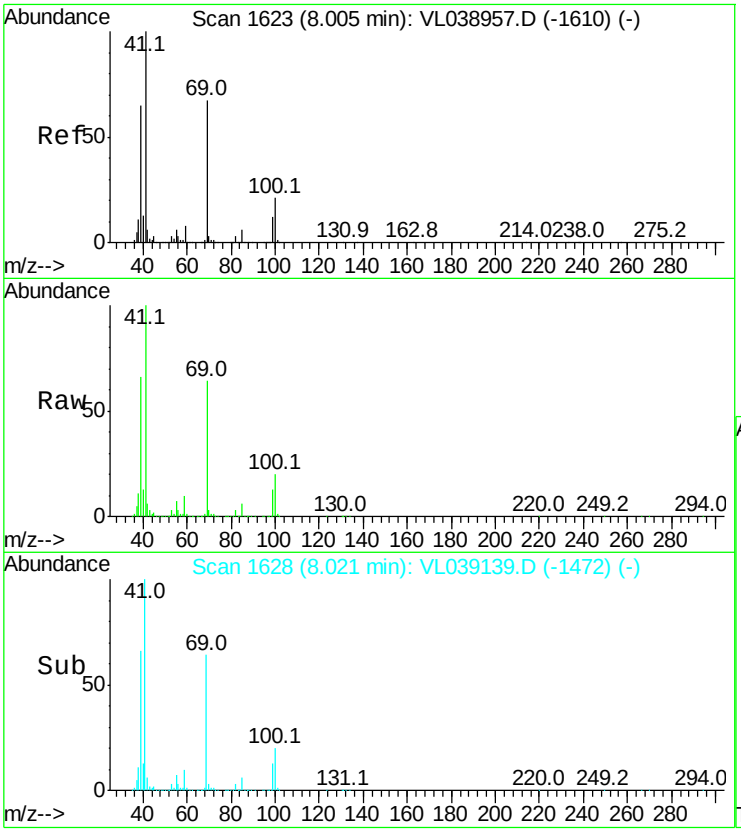


#42
Bromodichloromethane
Concen: 15.23 ppbv
RT: 7.80 min Scan# 1560
Delta R.T. 0.01 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion: 83 Resp: 3423891

Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.2	75.4
127	8.0	6.6	9.8



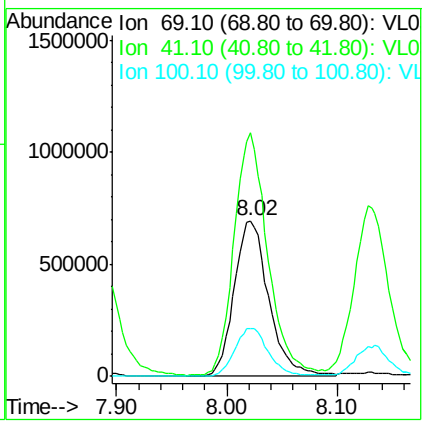


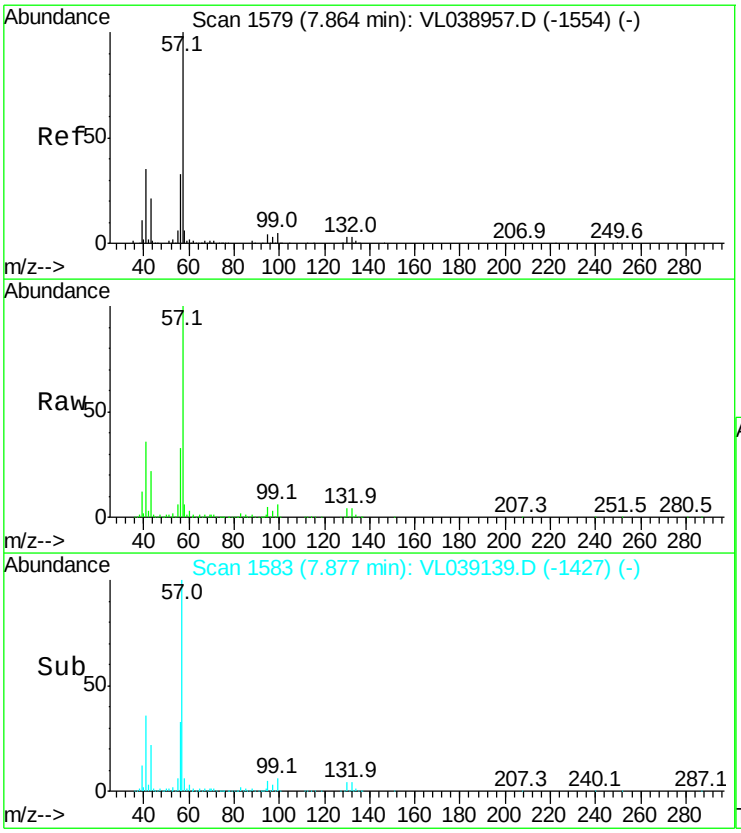
#43
Methyl Methacrylate
Concen: 14.03 ppbv
RT: 8.02
Delta R.T
Lab File:
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 69 Resp: 1513356

Ion	Ratio	Lower	Upper
69	100		
41	152.9	121.9	182.9
100	30.2	24.1	36.1

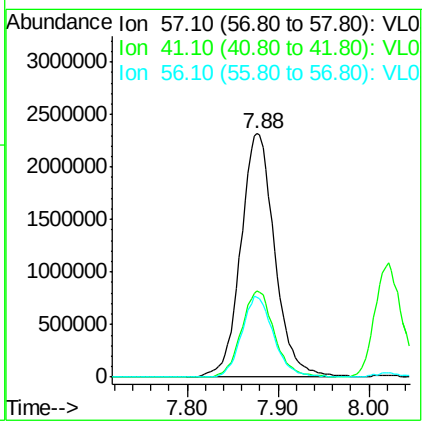


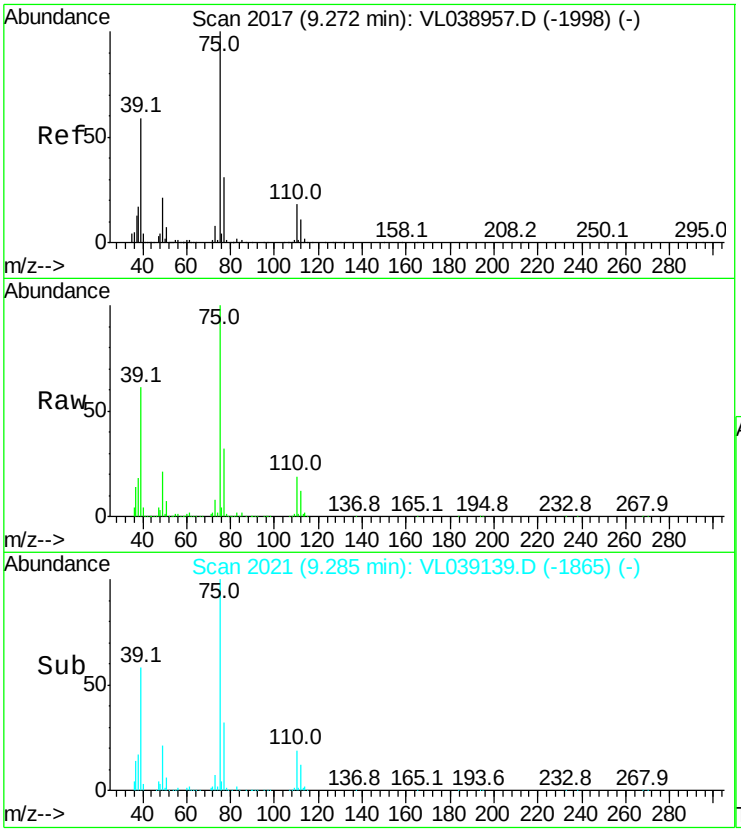


#44
2,2,4-Trimethylpentane
Concen: 12.85 ppbv
RT: 7.88 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion: 57 Resp: 5993244

Ion	Ratio	Lower	Upper
57	100		
41	34.4	26.2	39.4
56	31.4	24.7	37.1



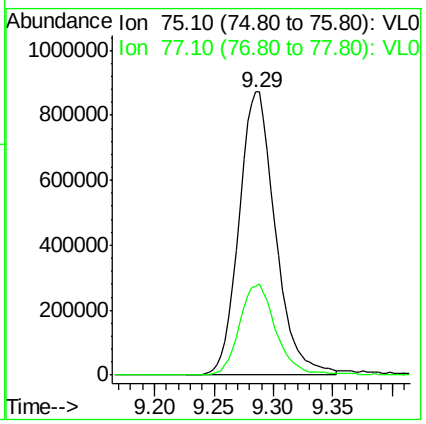


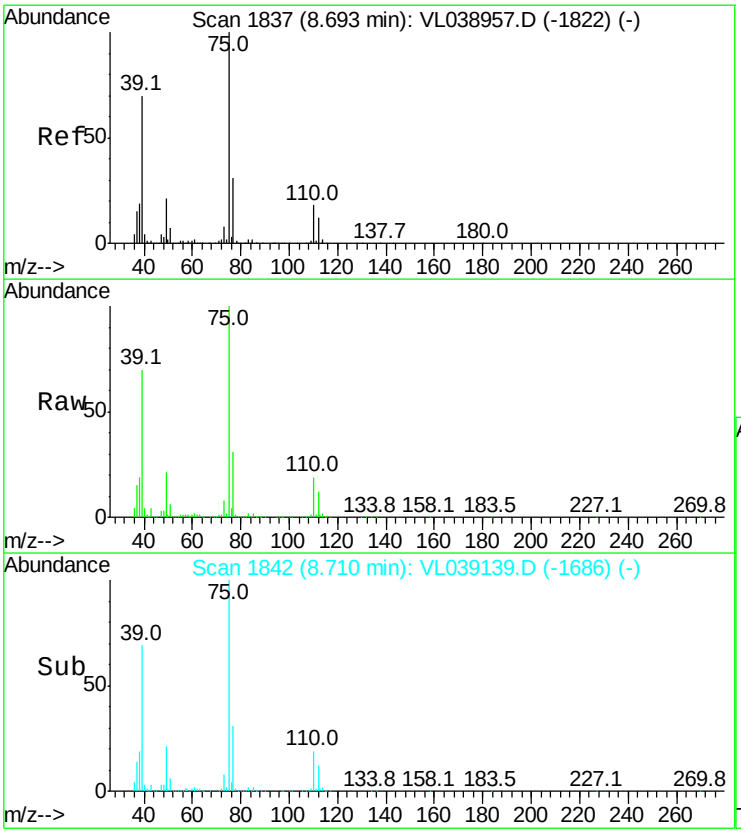
#45
t-1,3-Dichloropropene
Concen: 17.65 ppbv
RT: 9.29
Delta R.T
Lab File:
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 75 Resp: 1843363

Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.4	36.6

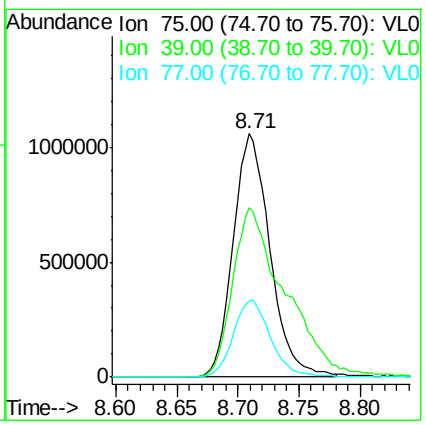


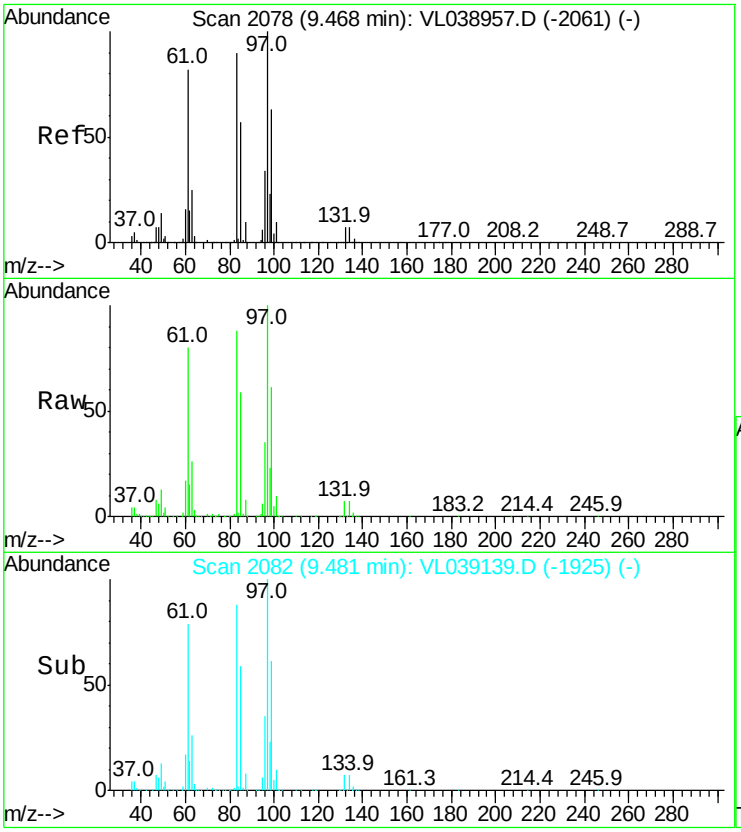


#46
cis-1,3-Dichloropropene
Concen: 16.00 ppbv
RT: 8.71 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion: 75 Resp: 2215388

Ion	Ratio	Lower	Upper
75	100		
39	69.5	52.4	78.6
77	31.3	25.5	38.3



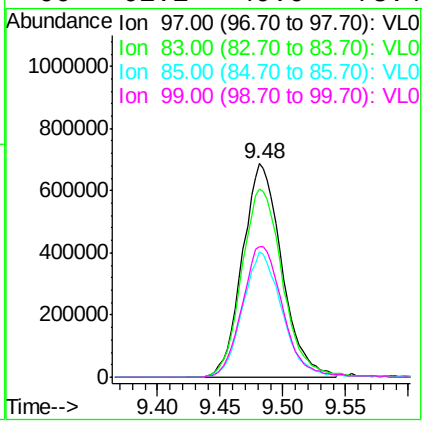


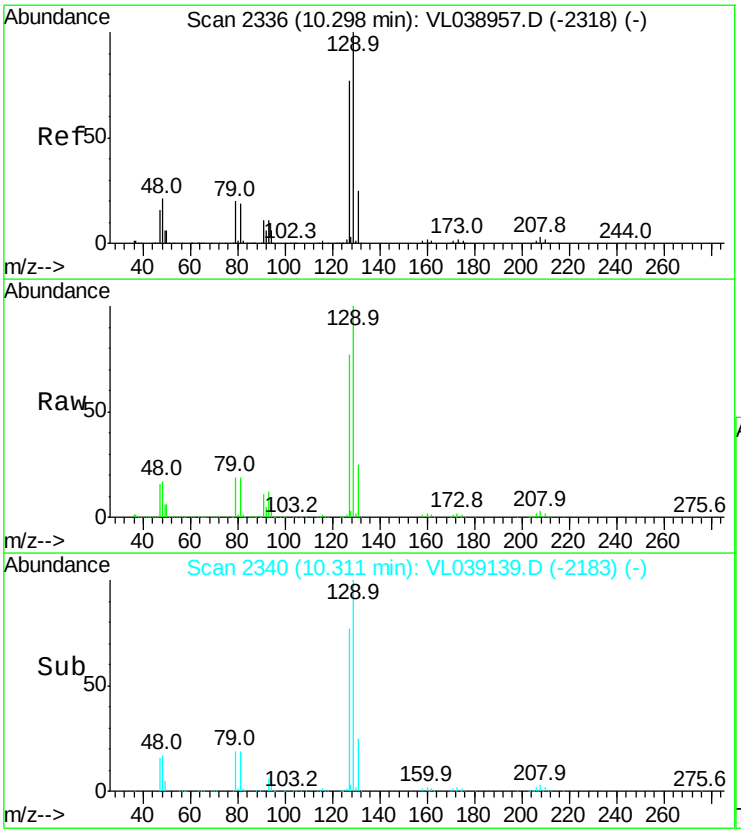
#47
1,1,2-Trichloroethane
Concen: 14.00 ppbv
RT: 9.48
Delta R.T
Lab File:
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 97 Resp: 1505321

Ion	Ratio	Lower	Upper
97	100		
83	88.3	71.6	107.4
85	58.8	44.8	67.2
99	61.1	49.0	73.4

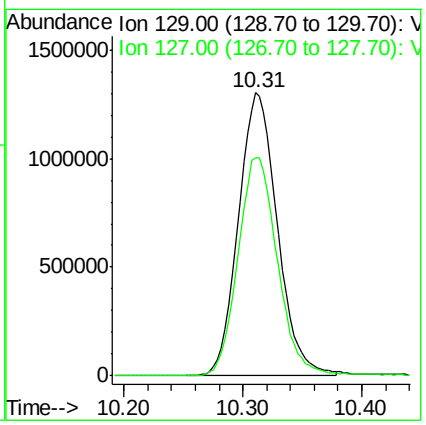


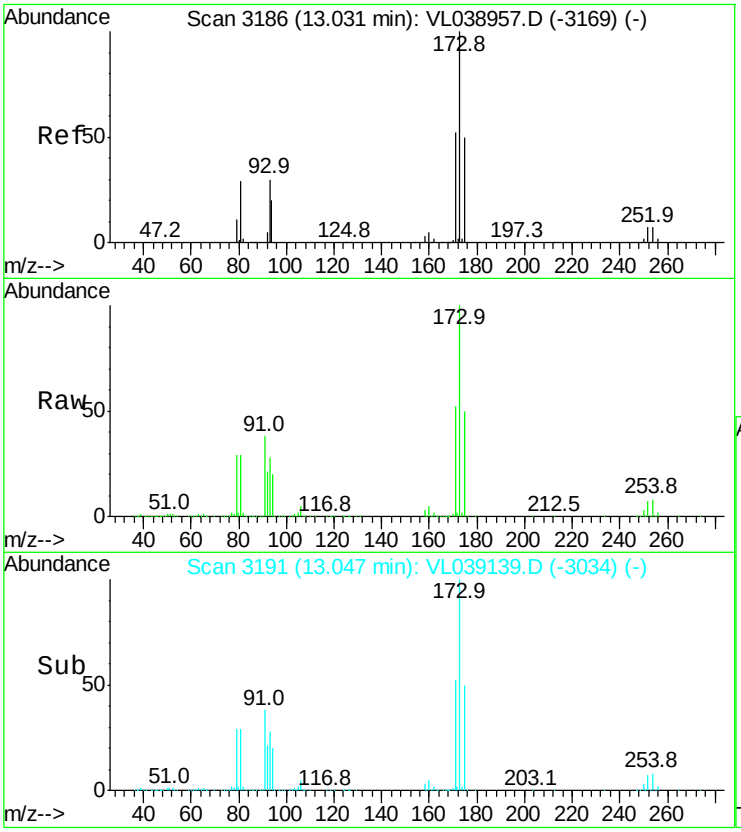


#48
Dibromochloromethane
Concen: 16.85 ppbv
RT: 10.31 min Scan# 2340
Delta R.T. 0.00 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion:129 Resp: 2949932

Ion	Ratio	Lower	Upper
129	100		
127	79.1	40.0	119.9



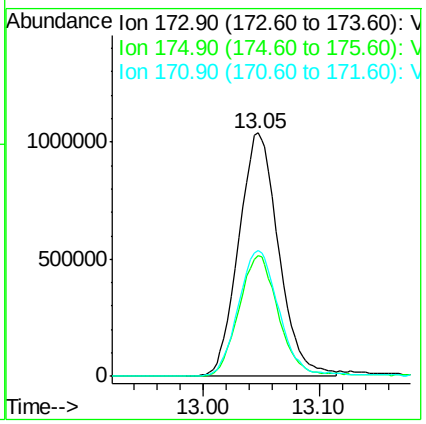


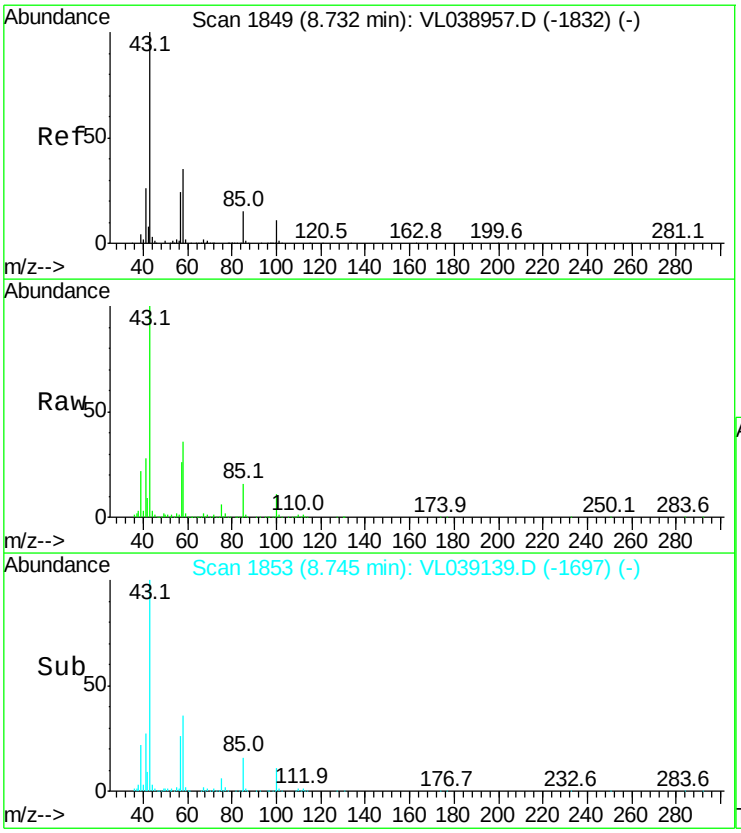
#49
Bromoform
Concen: 18.65 ppbv
RT: 13.05
Delta R.T
Lab File:
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:173 Resp: 2489760

Ion	Ratio	Lower	Upper
173	100		
175	50.8	40.2	60.2
171	53.5	43.9	65.9

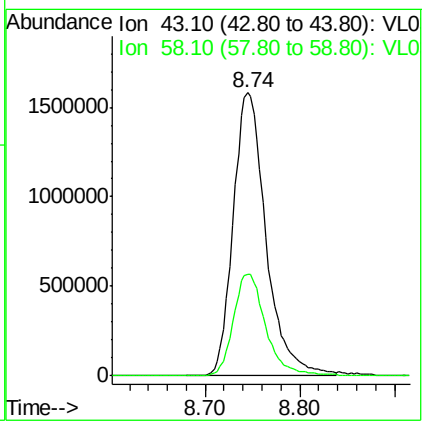


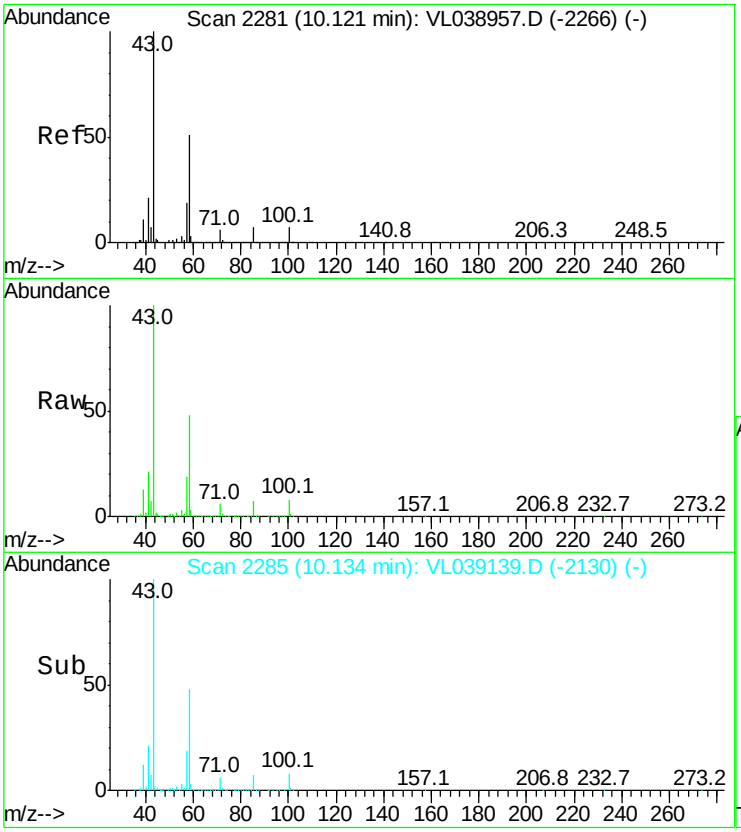


#50
4-Methyl-2-Pentanone
Concen: 13.74 ppbv
RT: 8.74 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion: 43 Resp: 3818023

Ion	Ratio	Lower	Upper
43	100		
58	35.7	28.7	43.1



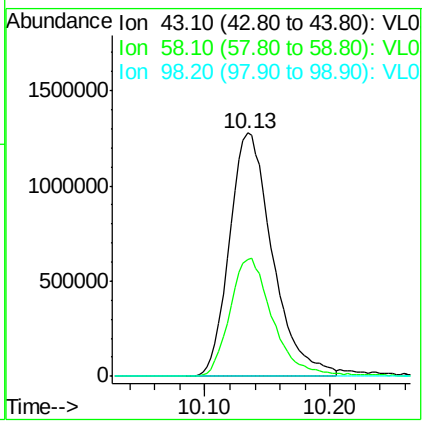


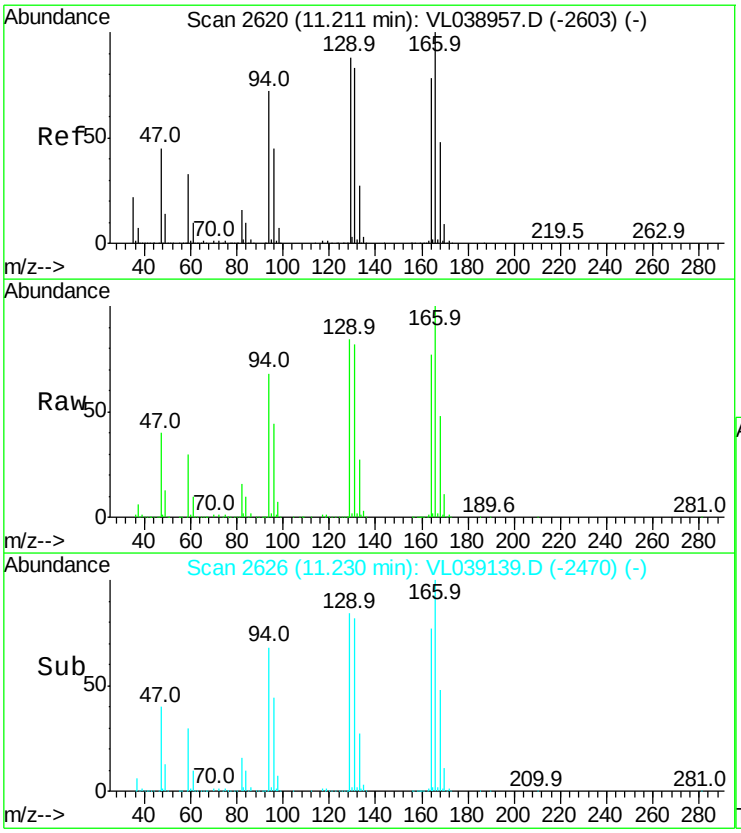
#51
2-Hexanone
Concen: 15.02 ppbv
RT: 10.13
Delta R.T
Lab File:
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 43 Resp: 3045873

Ion	Ratio	Lower	Upper
43	100		
58	48.9	40.0	60.0
98	0.2	0.1	0.1#

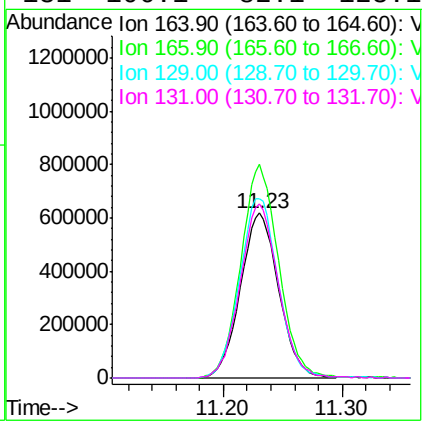


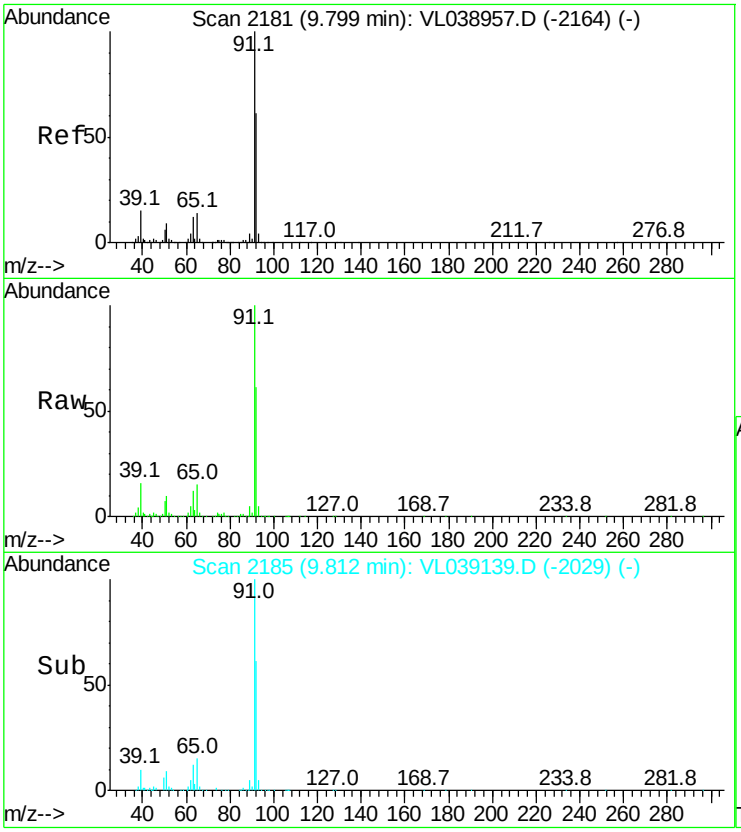


#52
Tetrachloroethene
Concen: 14.49 ppbv
RT: 11.23 min Scan# 2626
Delta R.T. 0.00 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion:164 Resp: 1375537

Ion	Ratio	Lower	Upper
164	100		
166	129.8	96.3	144.5
129	108.6	82.5	123.7
131	106.1	82.1	123.1



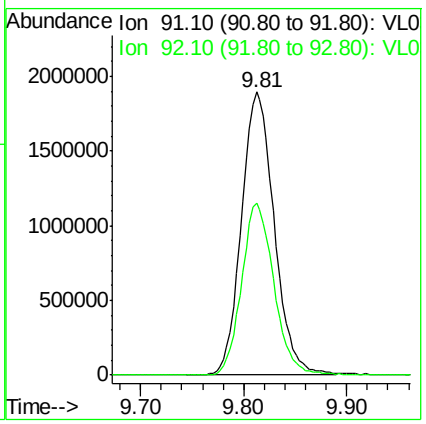


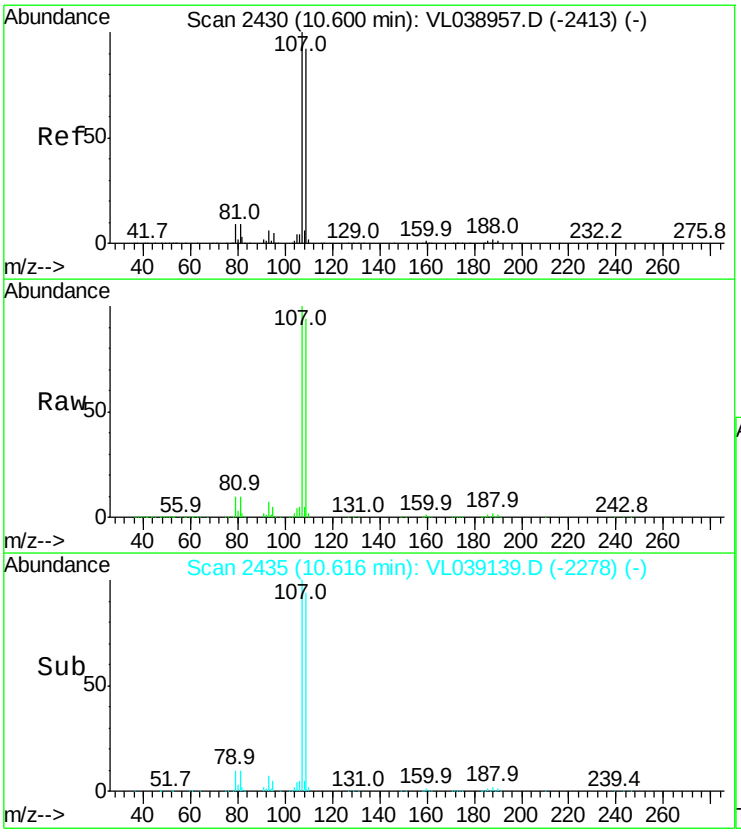
#53
Toluene
Concen: 14.05 ppbv
RT: 9.81
Delta R.T
Lab File:
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp: 4185340

Ion	Ratio	Lower	Upper
91	100		
92	59.7	48.1	72.1

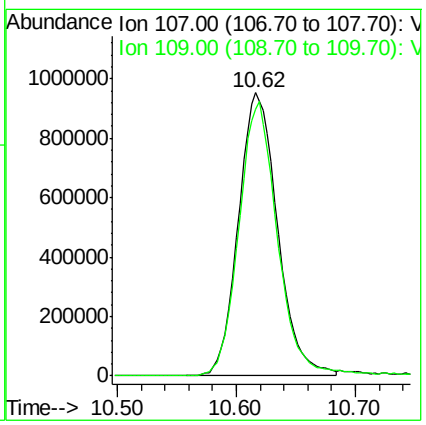


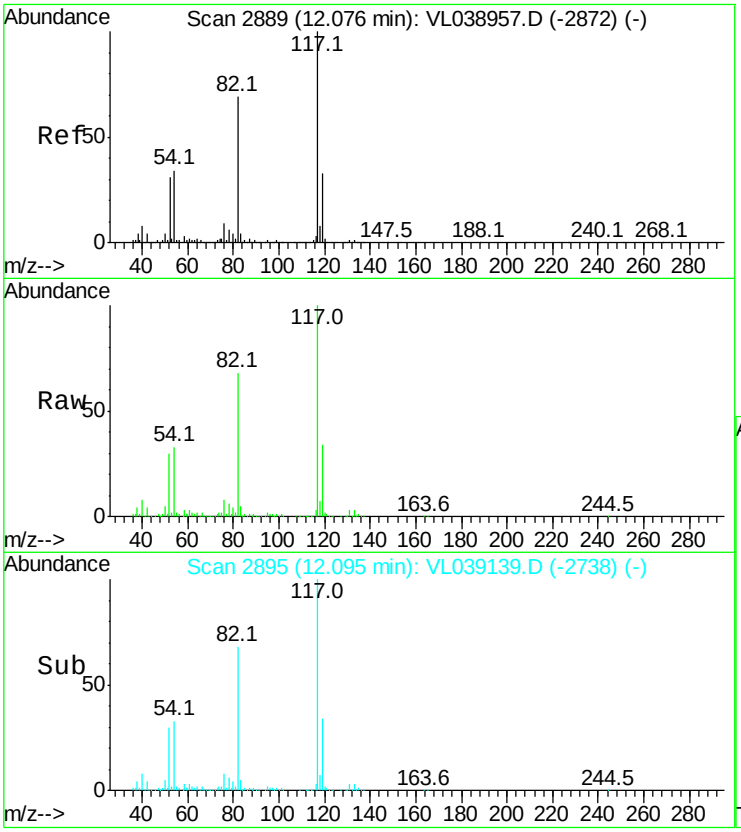


#54
1,2-Dibromoethane
Concen: 14.79 ppbv
RT: 10.62 min Scan# 2435
Delta R.T. 0.00 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion:107 Resp: 2165827

Ion	Ratio	Lower	Upper
107	100		
109	94.0	71.4	107.0



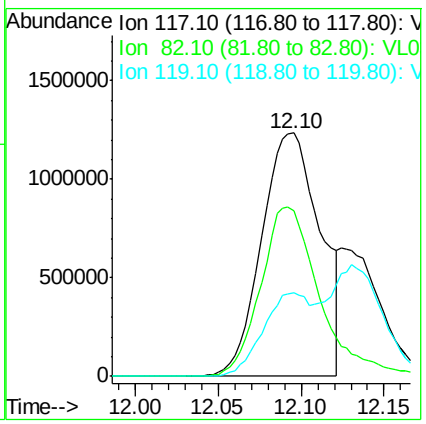


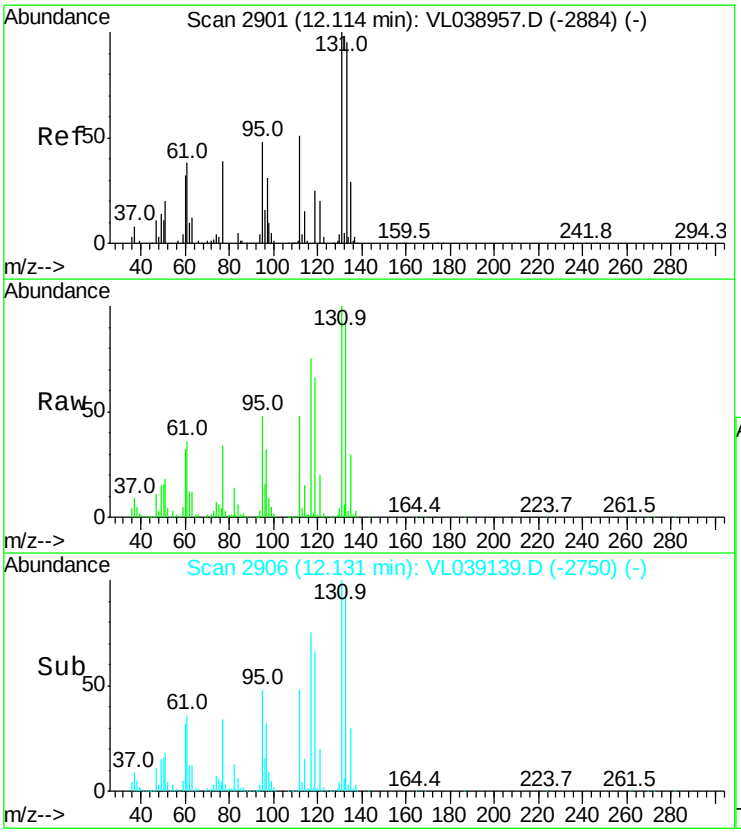
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.10
Delta R.T
Lab File:
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:117 Resp: 3033106

Ion	Ratio	Lower	Upper
117	100		
82	71.4	55.1	82.7
119	0.0	24.7	37.1#

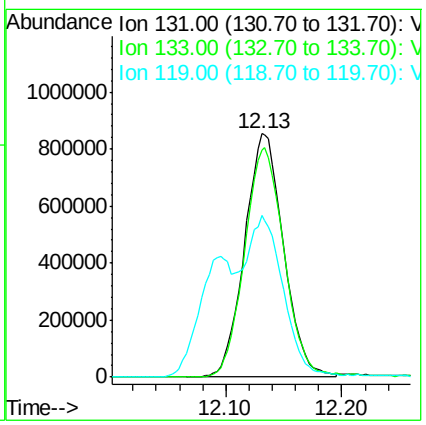


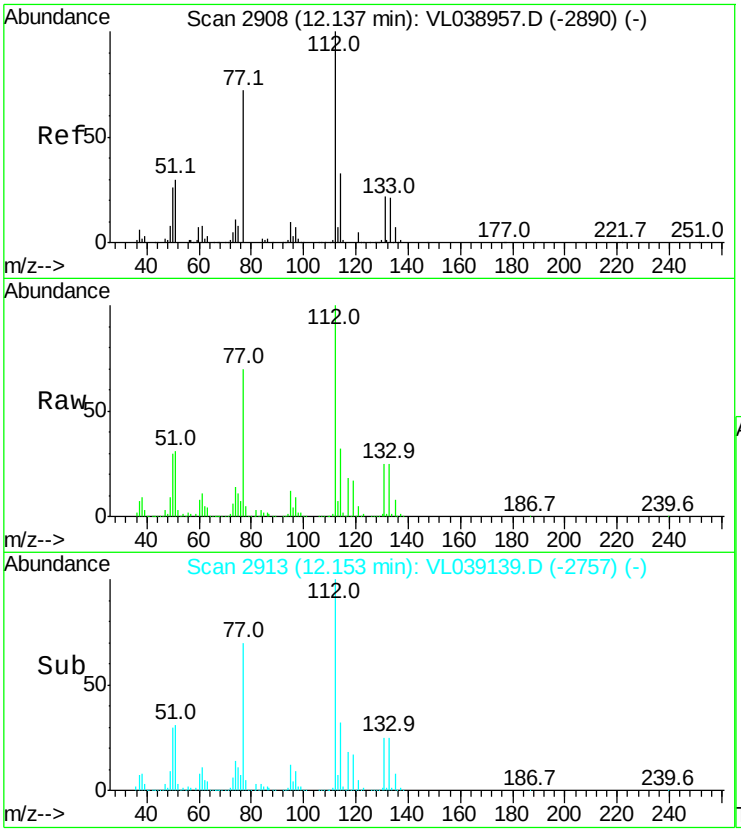


#56
1,1,1,2-Tetrachloroethane
Concen: 14.95 ppbv
RT: 12.13 min Scan# 2906
Delta R.T. 0.00 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion:131 Resp: 1989952

Ion	Ratio	Lower	Upper
131	100		
133	97.6	78.6	117.8
119	110.8	51.7	77.5#



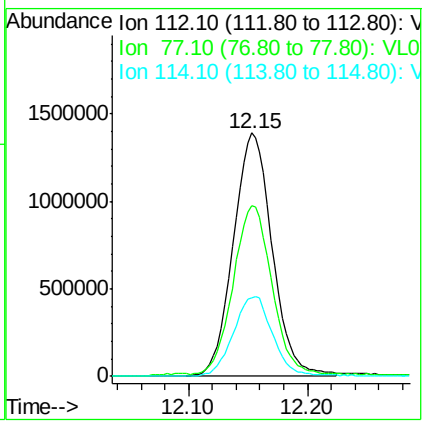


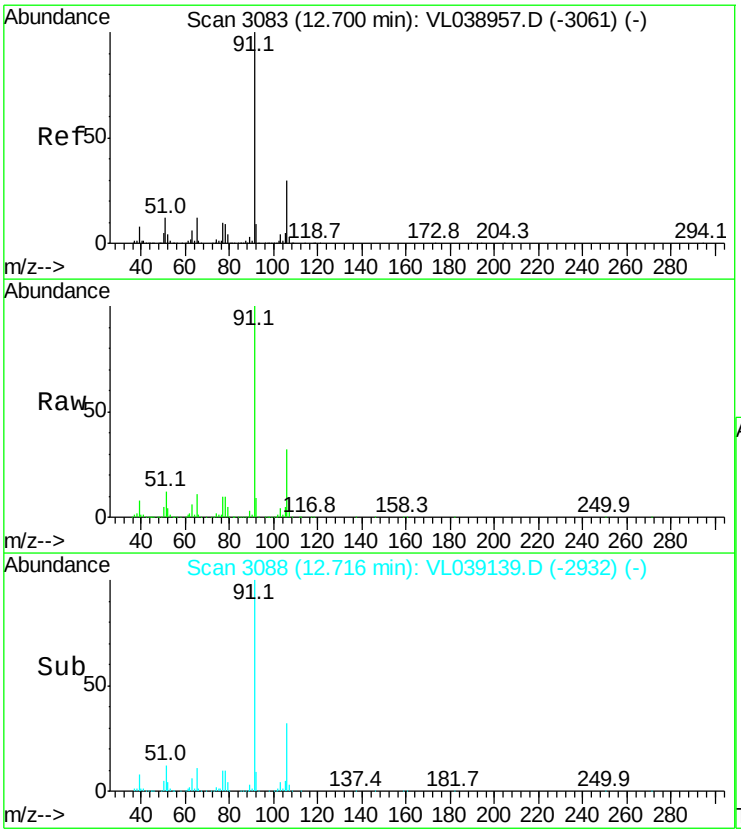
#57
Chlorobenzene
Concen: 13.84 ppbv
RT: 12.15
Delta R.T
Lab File:
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:112 Resp: 3146897

Ion	Ratio	Lower	Upper
112	100		
77	68.9	56.5	84.7
114	31.9	30.3	37.1

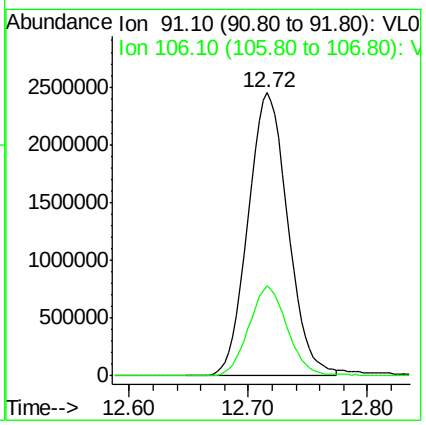


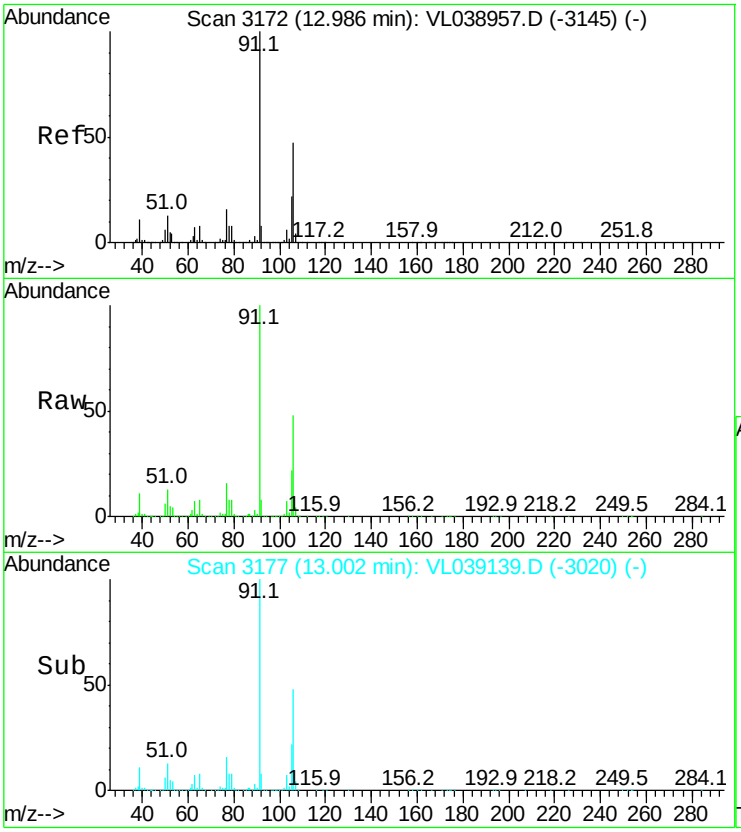


#58
Ethyl Benzene
Concen: 13.04 ppbv
RT: 12.72 min Scan# 3088
Delta R.T. 0.00 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion: 91 Resp: 5690007

Ion	Ratio	Lower	Upper
91	100		
106	31.9	24.2	36.4



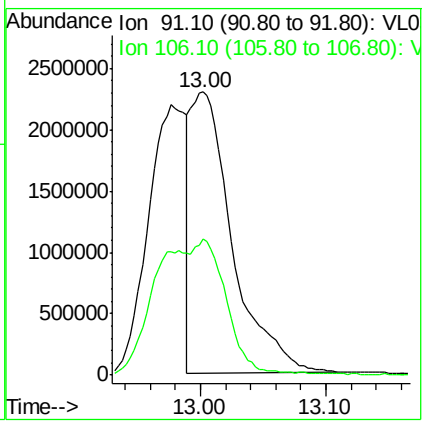


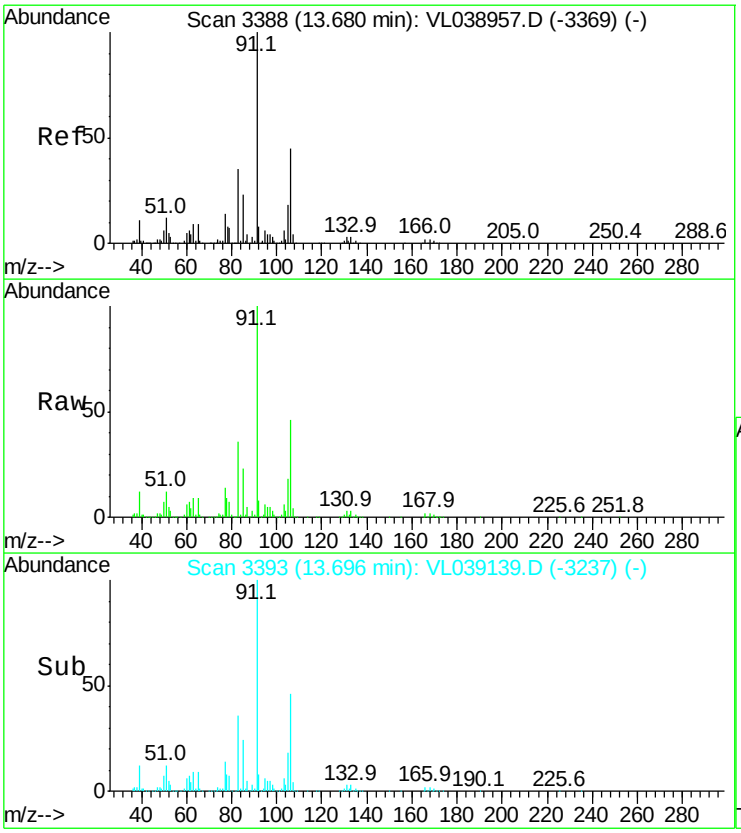
#59
m/p-Xylene
Concen: 14.11 ppbv
RT: 13.00
Delta R.T
Lab File:
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp: 5257390

Ion	Ratio	Lower	Upper
91	100		
106	82.7	34.3	51.5#

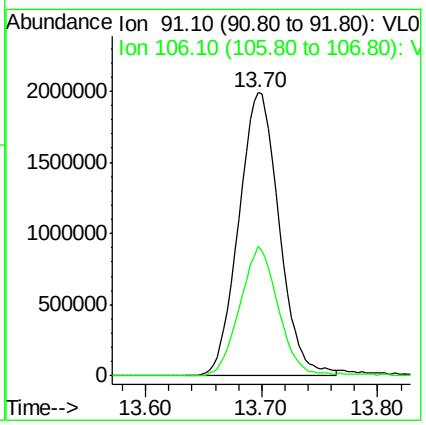


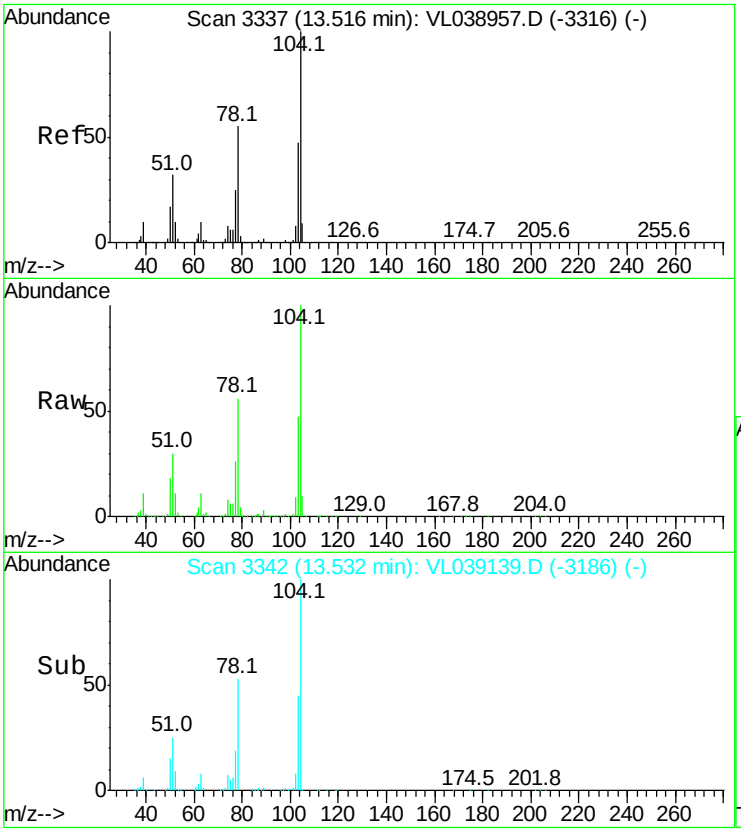


#60
o-Xylene
Concen: 13.75 ppbv
RT: 13.70 min Scan# 3393
Delta R.T. 0.00 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion: 91 Resp: 4821534

Ion	Ratio	Lower	Upper
91	100		
106	44.2	22.3	66.9



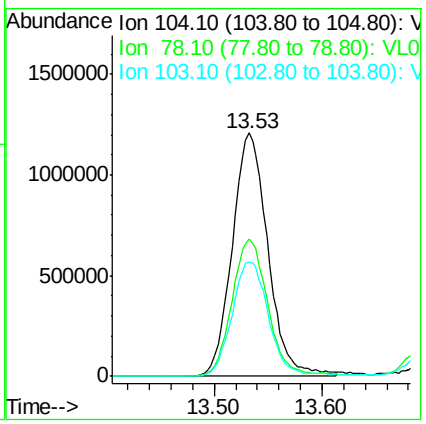


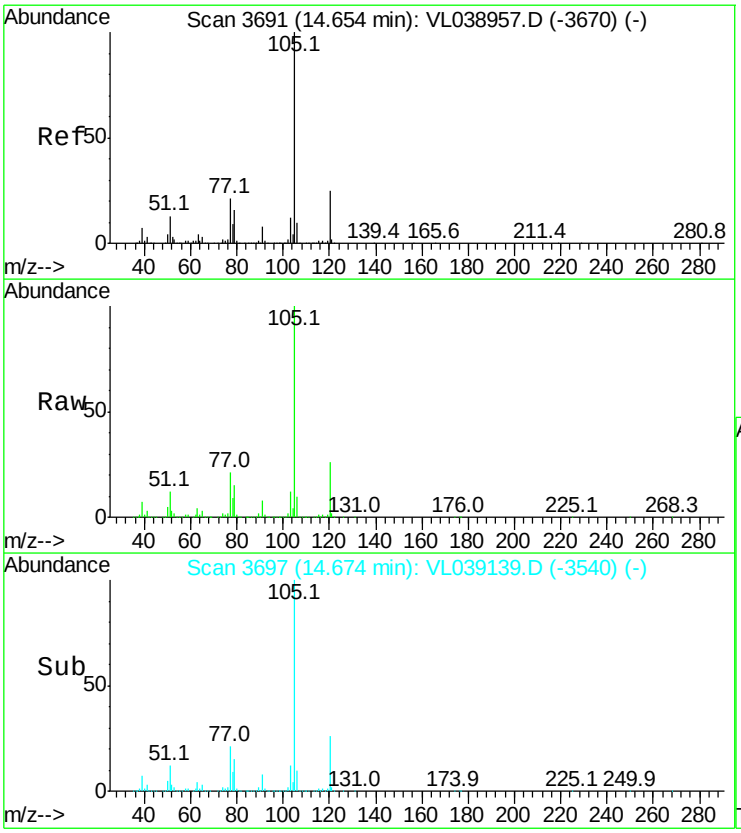
#61
Styrene
Concen: 14.86 ppbv
RT: 13.53
Delta R.T
Lab File:
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:104 Resp: 2781752

Ion	Ratio	Lower	Upper
104	100		
78	57.3	45.7	68.5
103	48.8	39.6	59.4

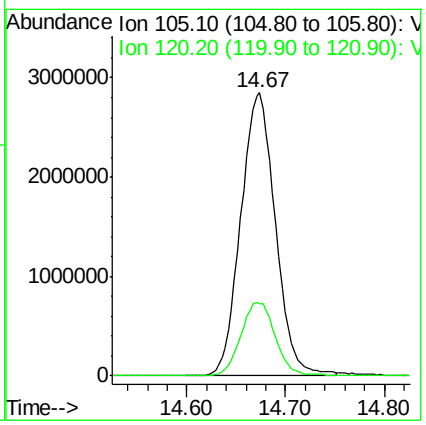


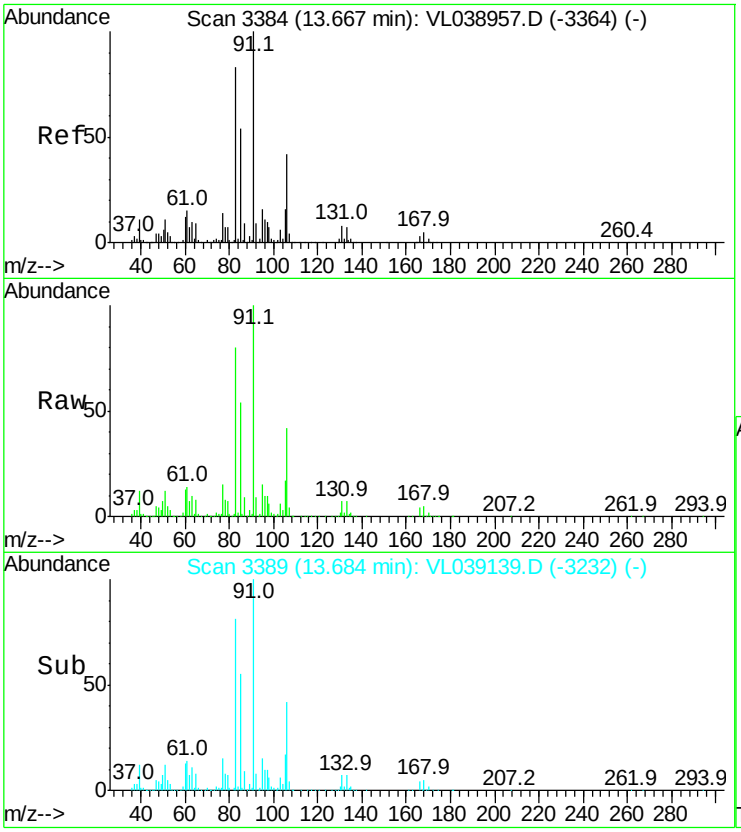


#62
Isopropylbenzene
Concen: 13.48 ppbv
RT: 14.67 min Scan# 3697
Delta R.T. 0.00 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion:105 Resp: 6913416

Ion	Ratio	Lower	Upper
105	100		
120	26.0	20.3	30.5



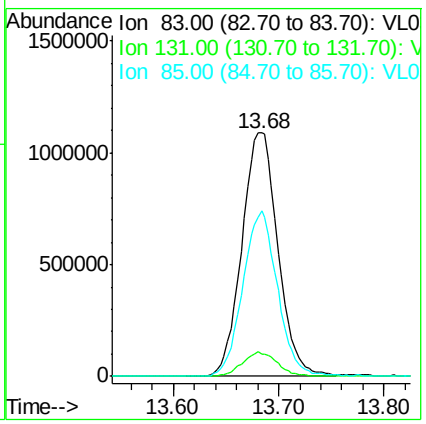


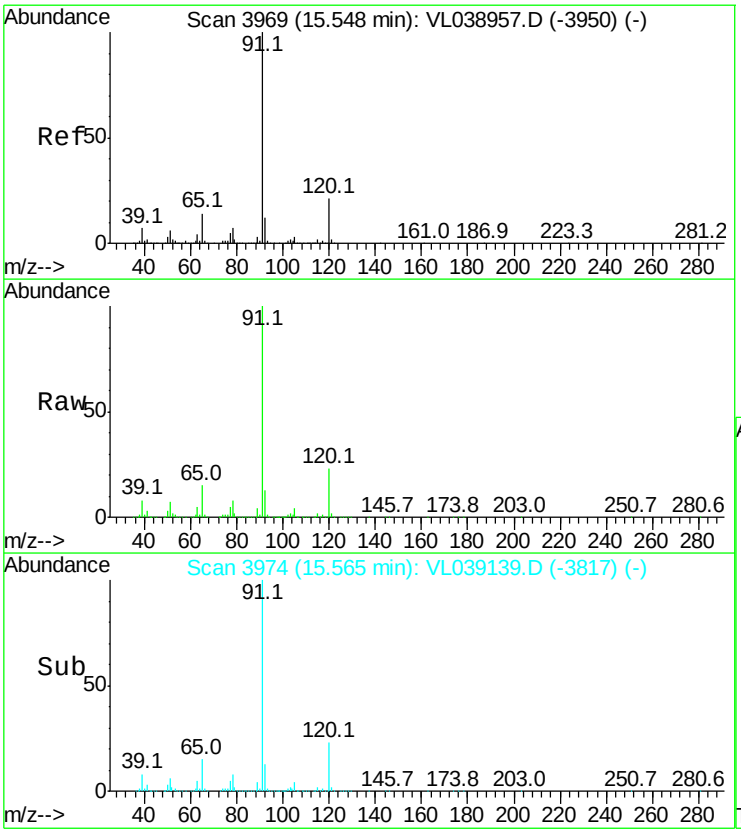
#63
1,1,2,2-Tetrachloroethane
Concen: 12.57 ppbv
RT: 13.68
Delta R.T
Lab File:
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 83 Resp: 2595234

Ion	Ratio	Lower	Upper
83	100		
131	9.7	4.8	14.3
85	66.0	33.0	99.0

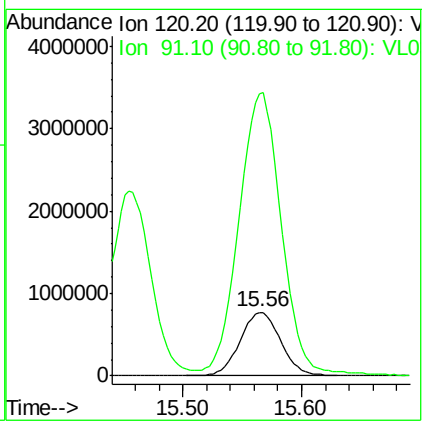


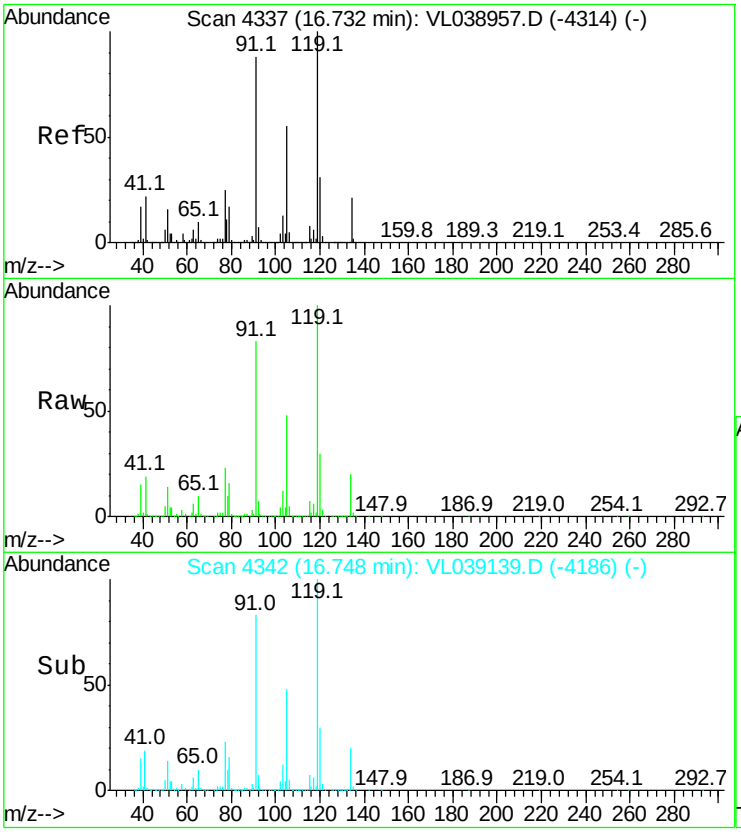


#64
n-propylbenzene
Concen: 14.73 ppbv
RT: 15.56 min Scan# 3974
Delta R.T. 0.00 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion:120 Resp: 1825935

Ion	Ratio	Lower	Upper
120	100		
91	467.6	388.4	582.6



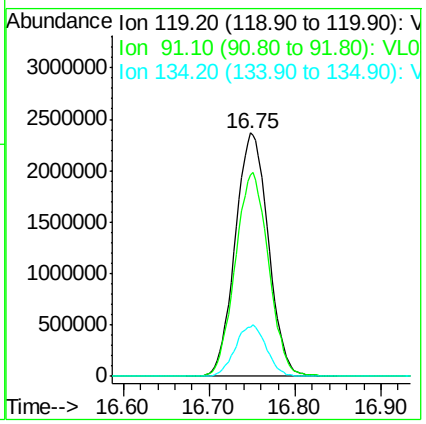


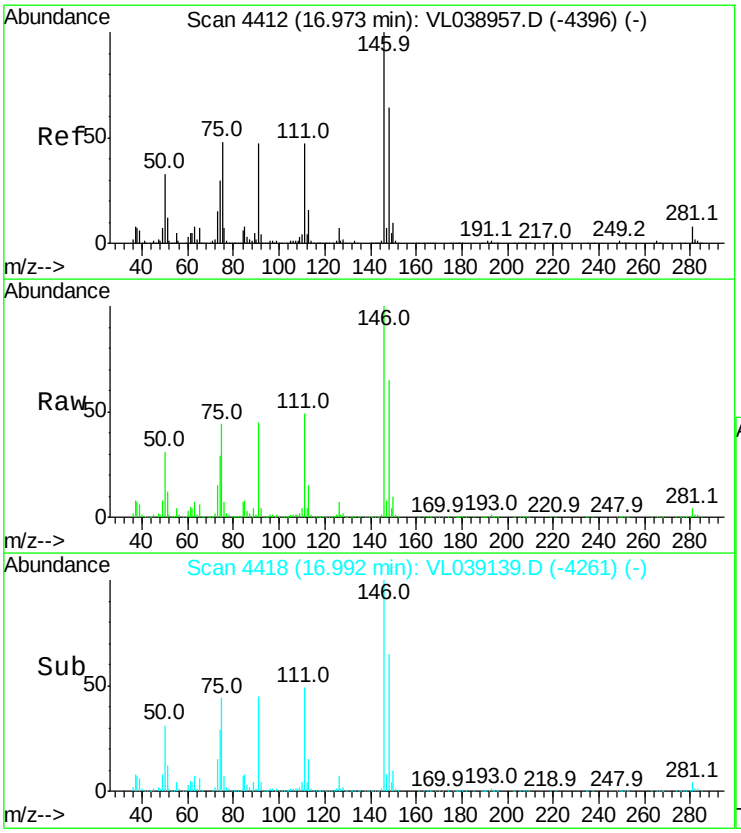
#65
tert-Butylbenzene
Concen: 14.11 ppbv
RT: 16.75
Delta R.T
Lab File:
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:119 Resp: 6341222

Ion	Ratio	Lower	Upper
119	100		
91	84.3	67.1	100.7
134	19.8	15.8	23.8

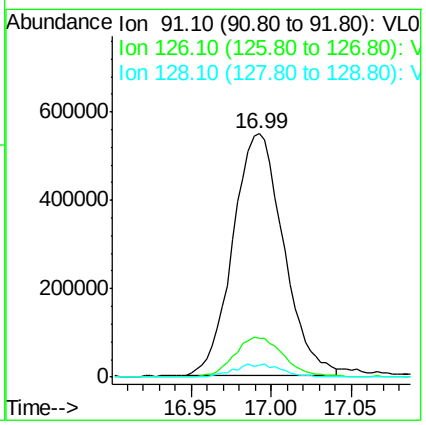


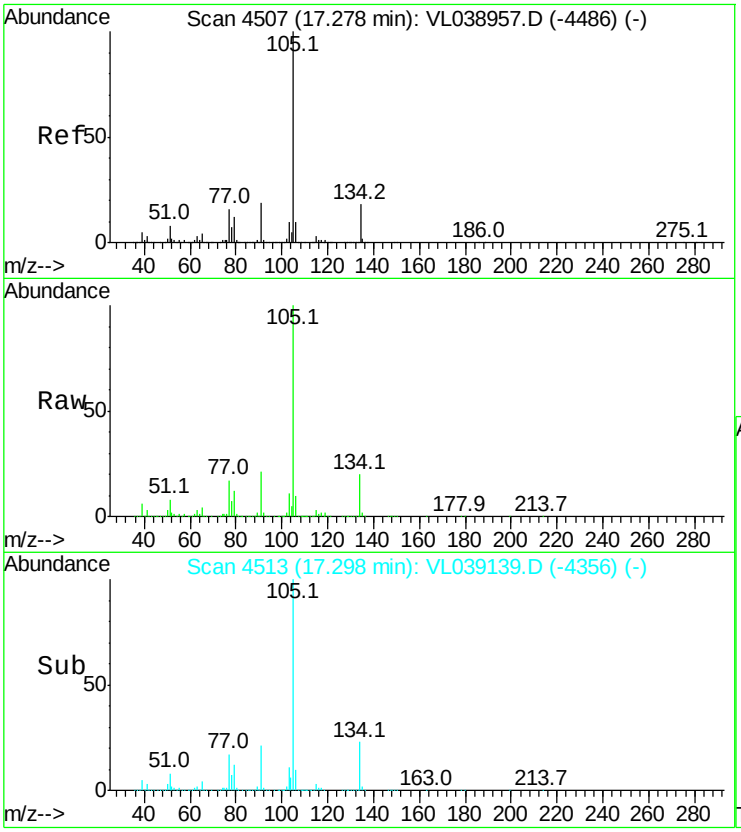


#66
Benzyl Chloride
Concen: 20.07 ppbv
RT: 16.99 min Scan# 4418
Delta R.T. 0.00 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion: 91 Resp: 1178847

Ion	Ratio	Lower	Upper
91	100		
126	16.6	13.4	20.0
128	5.4	4.1	6.1



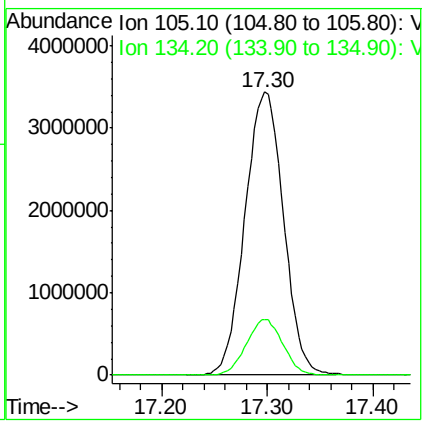


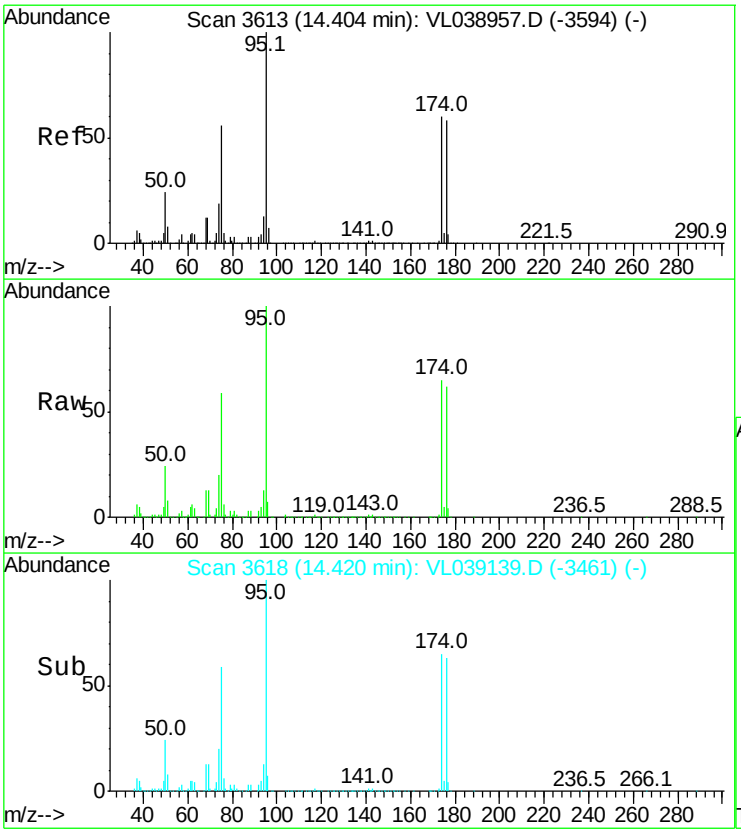
#67
sec-Butylbenzene
Concen: 13.58 ppbv
RT: 17.30
Delta R.T
Lab File:
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:105 Resp: 8720828

Ion	Ratio	Lower	Upper
105	100		
134	18.8	14.4	21.6

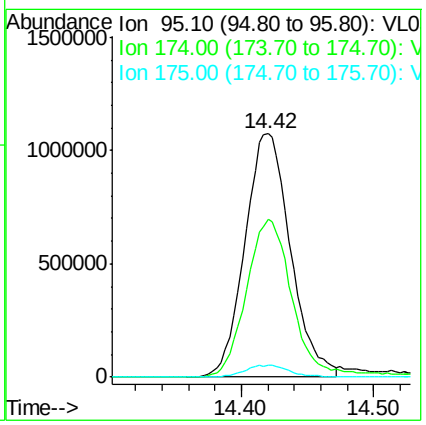


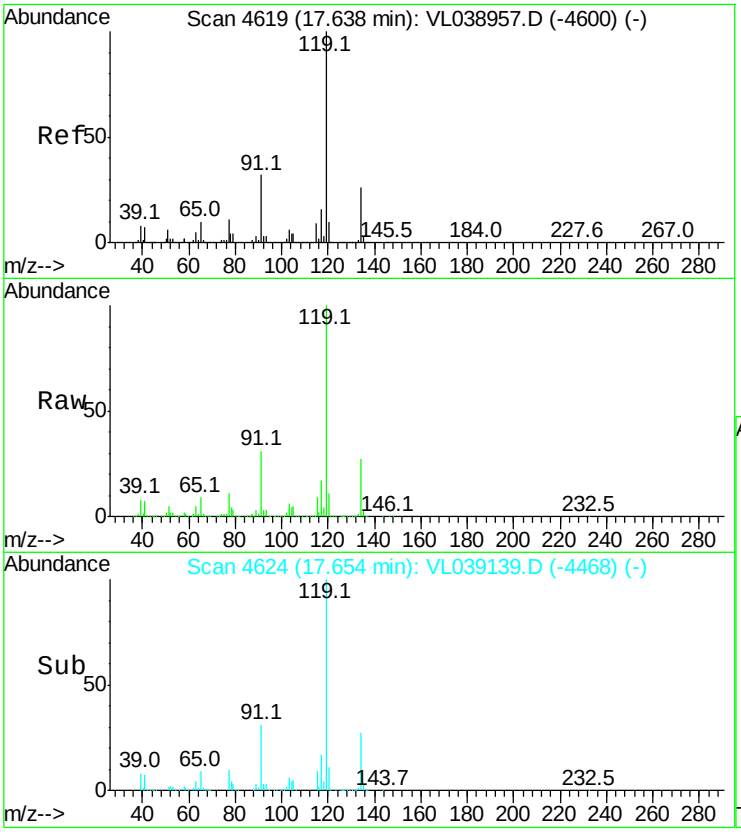


#68
1-Bromo-4-Fluorobenzene
Concen: 10.69 ppbv
RT: 14.42 min Scan# 3618
Delta R.T. 0.00 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion: 95 Resp: 2567731

Ion	Ratio	Lower	Upper
95	100		
174	67.0	53.8	80.8
175	4.9	4.1	6.1



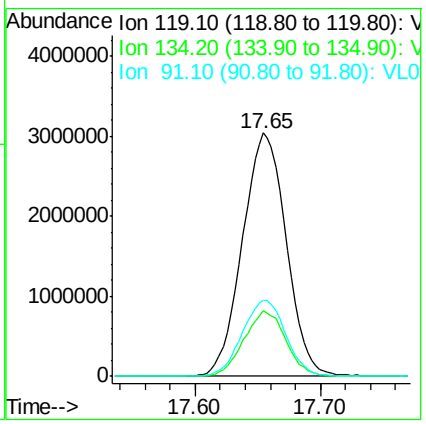


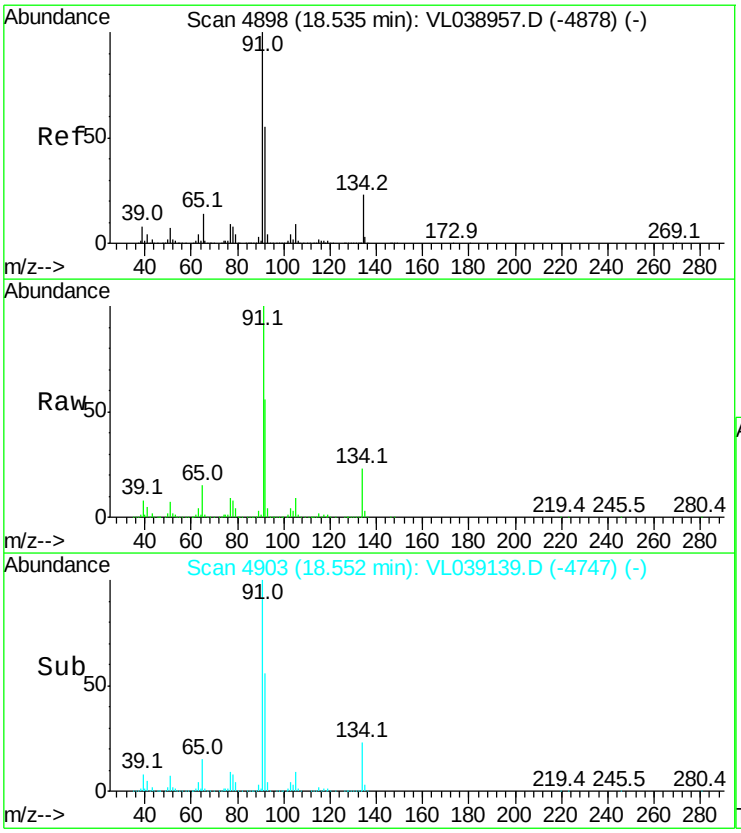
#69
p-Isopropyltoluene
Concen: 14.18 ppbv
RT: 17.65
Delta R.T
Lab File:
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:119 Resp: 7356079

Ion	Ratio	Lower	Upper
119	100		
134	26.0	20.4	30.6
91	31.2	24.2	36.4

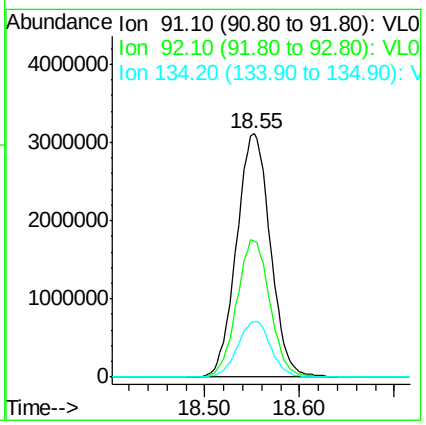


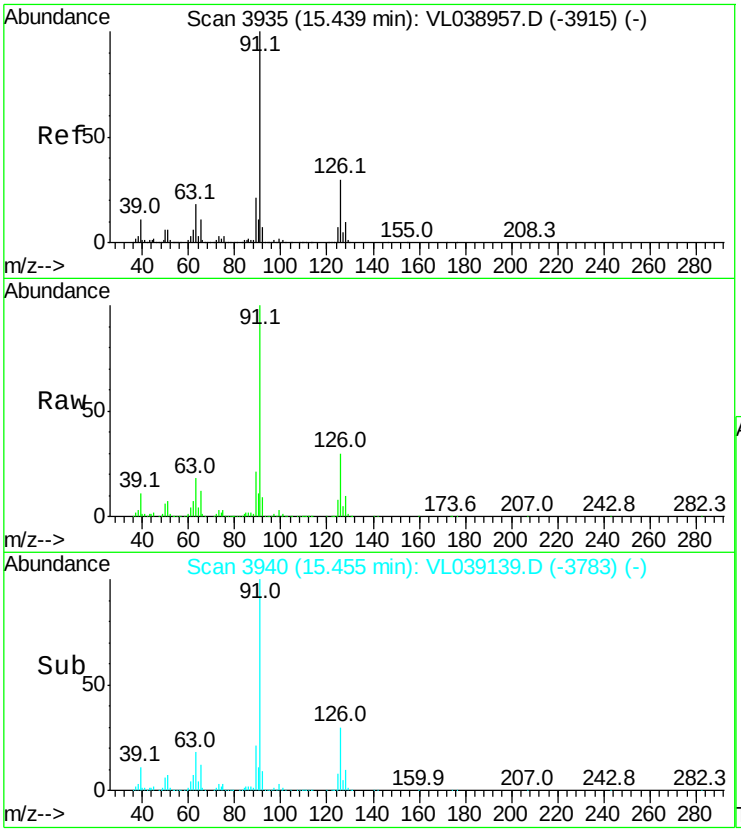


#70
n-Butylbenzene
Concen: 14.04 ppbv
RT: 18.55 min Scan# 4903
Delta R.T. 0.00 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion: 91 Resp: 7734785

Ion	Ratio	Lower	Upper
91	100		
92	55.2	43.6	65.4
134	22.5	17.7	26.5



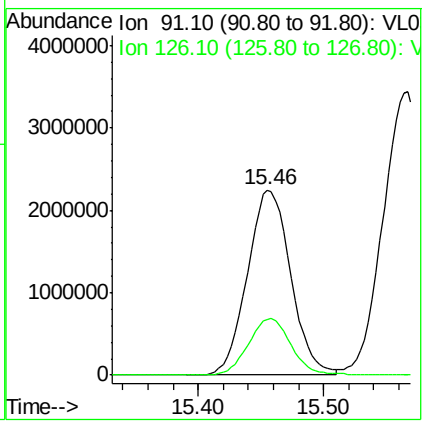


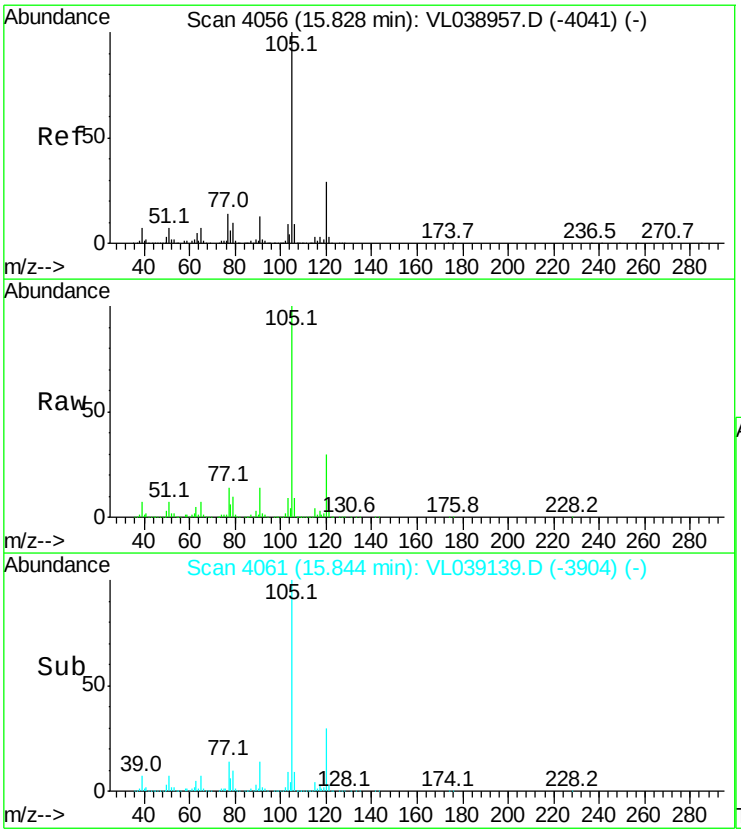
#71
2-Chlorotoluene
Concen: 13.66 ppbv
RT: 15.46
Delta R.T
Lab File:
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp: 5401256

Ion	Ratio	Lower	Upper
91	100		
126	30.6	12.2	48.6

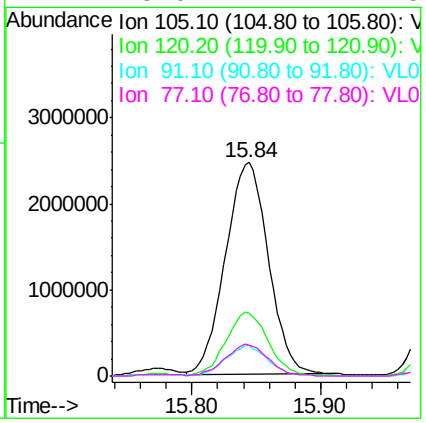


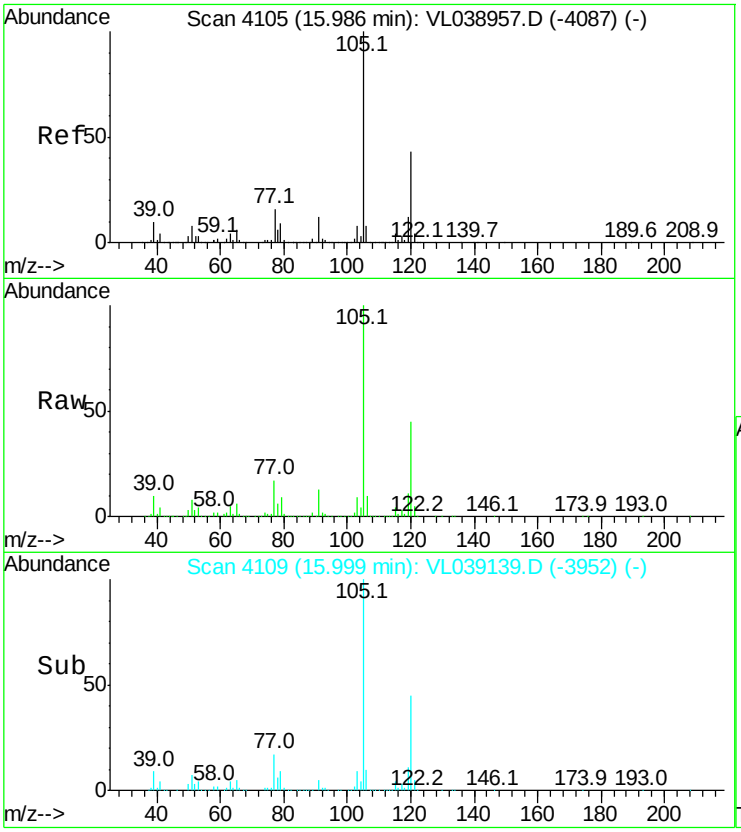


#72
4-Ethyltoluene
Concen: 14.28 ppbv
RT: 15.84 min Scan# 4061
Delta R.T. 0.00 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion:105 Resp: 5708114

Ion	Ratio	Lower	Upper
105	100		
120	29.9	23.9	35.9
91	14.0	10.6	16.0
77	15.0	11.7	17.5



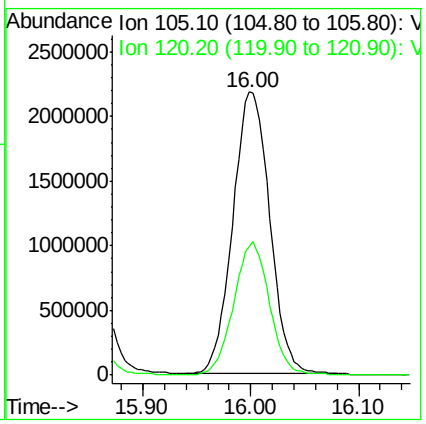


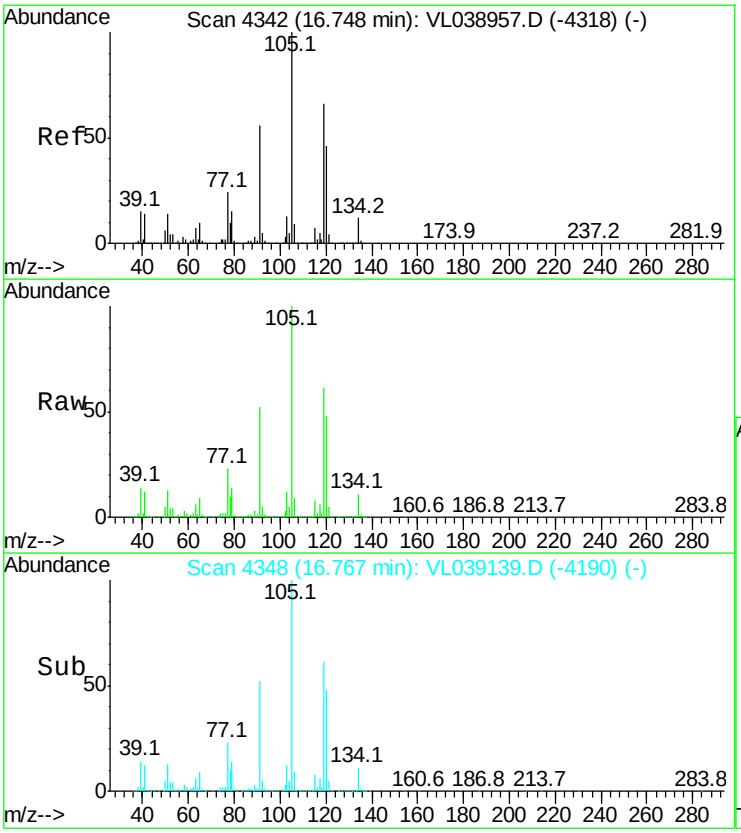
#73
1,3,5-Trimethylbenzene
Concen: 14.44 ppbv
RT: 16.00
Delta R.T
Lab File:
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:105 Resp: 5195428

Ion	Ratio	Lower	Upper
105	100		
120	45.5	36.7	55.1

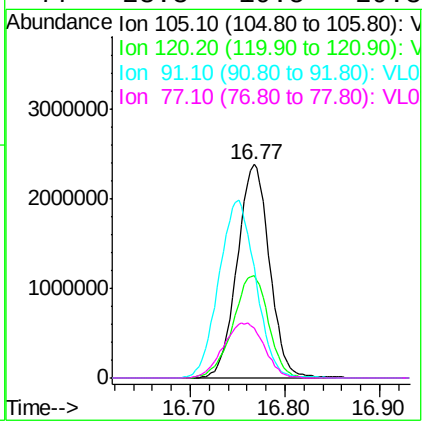


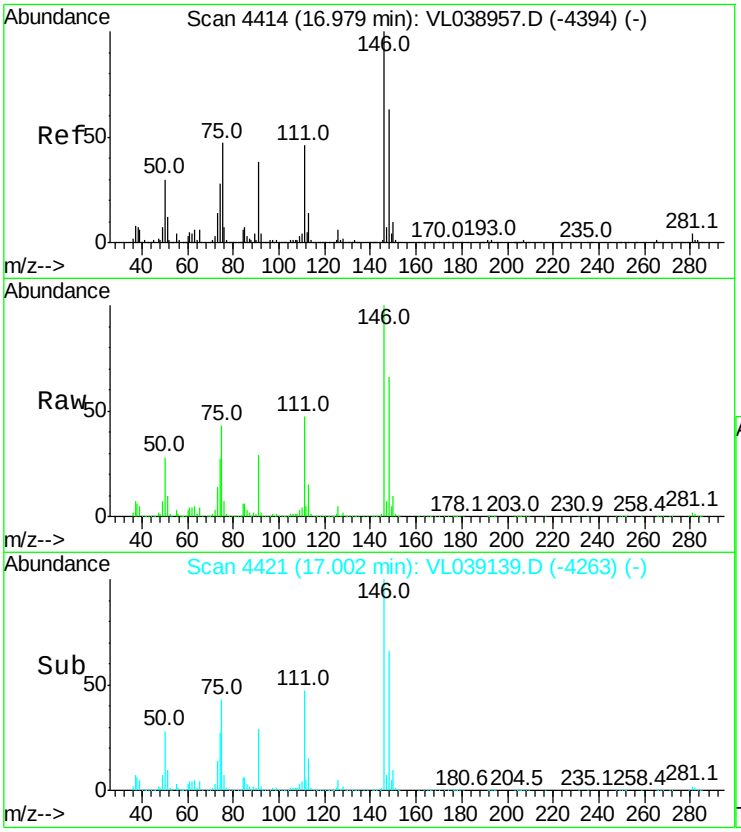


#74
1,2,4-Trimethylbenzene
Concen: 14.33 ppbv
RT: 16.77 min Scan# 4348
Delta R.T. 0.01 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion:105 Resp: 5644220

Ion	Ratio	Lower	Upper
105	100		
120	47.8	38.1	57.1
91	51.9	47.4	71.0
77	23.3	19.5	29.3



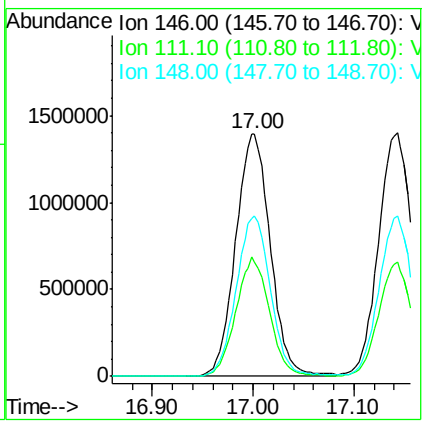


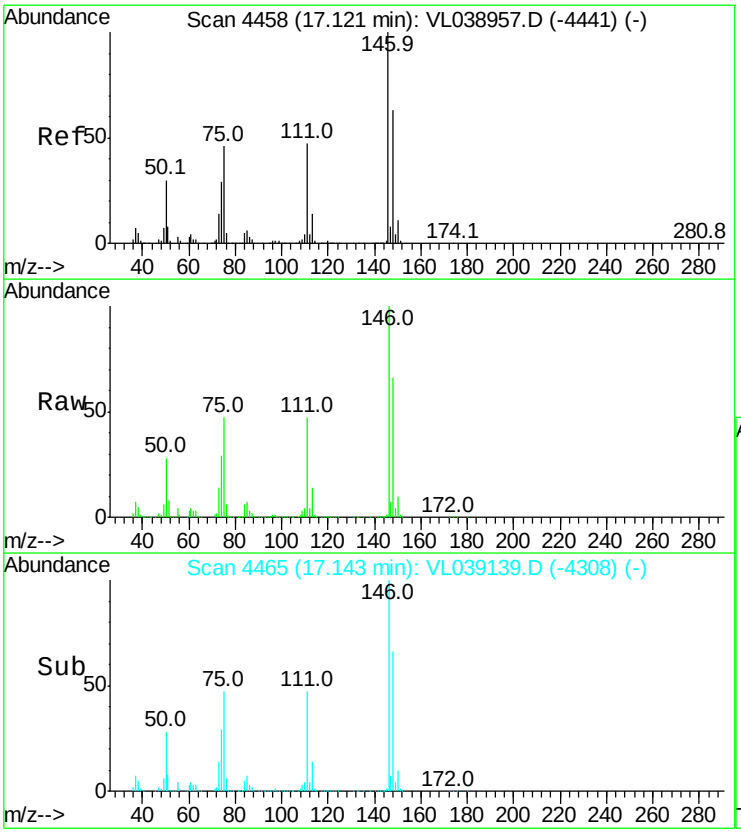
#75
1,3-Dichlorobenzene
Concen: 15.40 ppbv
RT: 17.00
Delta R.T
Lab File:
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:146 Resp: 3323084

Ion	Ratio	Lower	Upper
146	100		
111	47.5	23.8	71.4
148	65.3	32.4	97.0

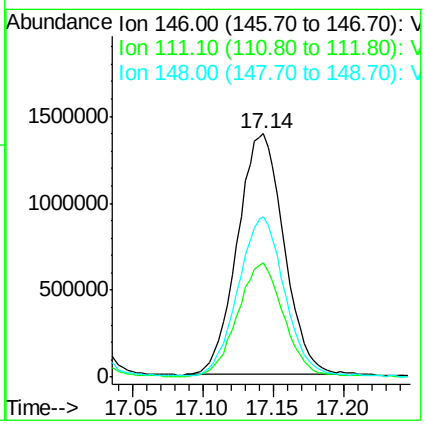


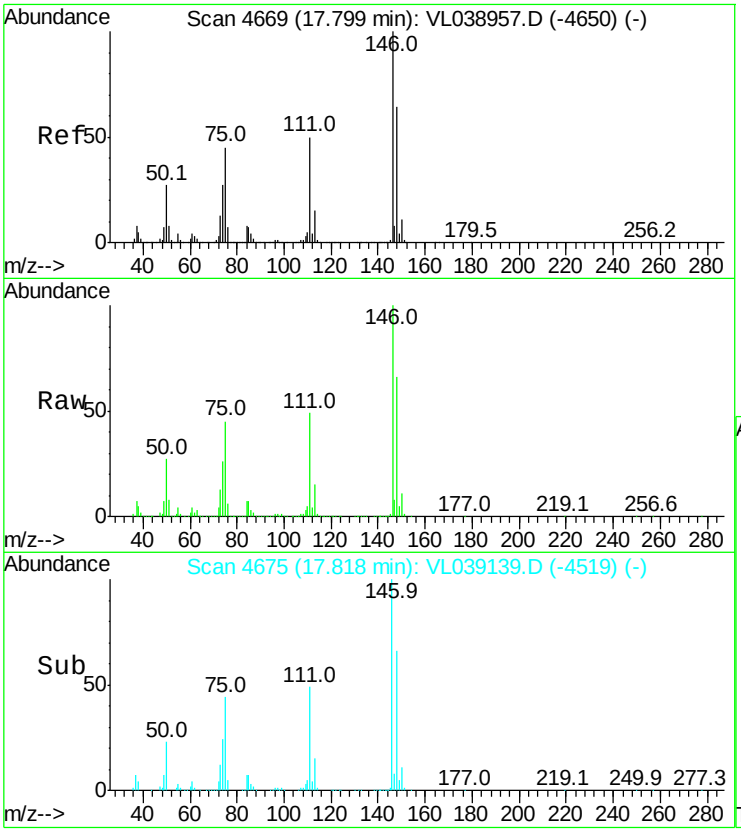


#76
1,4-Dichlorobenzene
Concen: 15.08 ppbv
RT: 17.14 min Scan# 4465
Delta R.T. 0.00 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion:146 Resp: 3202989

Ion	Ratio	Lower	Upper
146	100		
111	47.3	23.6	71.0
148	67.7	33.7	101.0



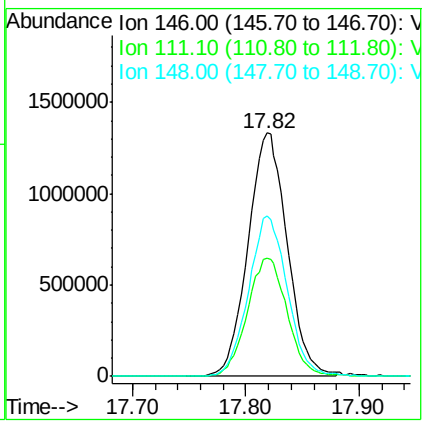


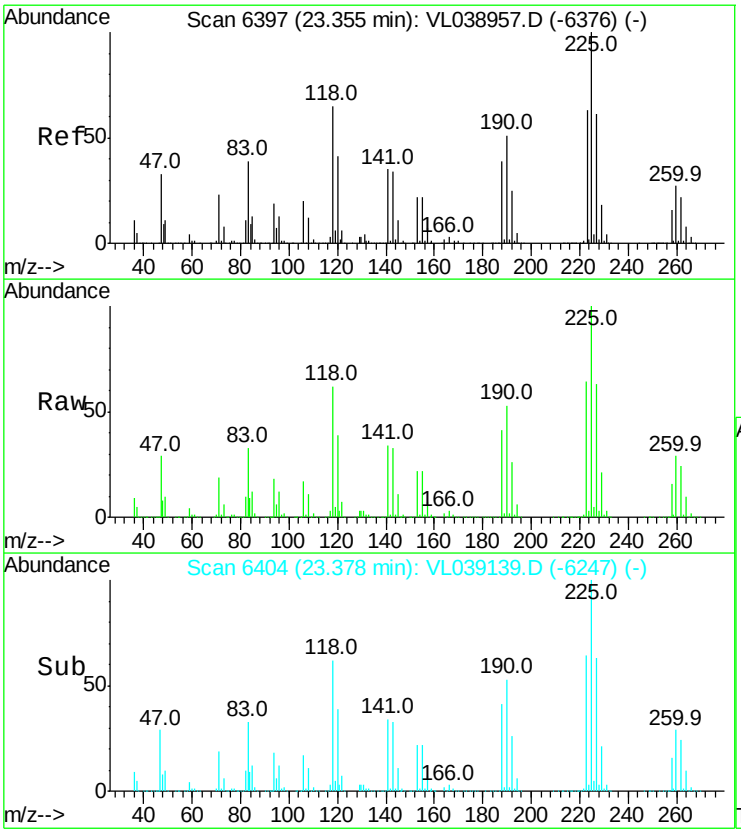
#77
1,2-Dichlorobenzene
Concen: 14.94 ppbv
RT: 17.82
Delta R.T
Lab File:
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:146 Resp: 3189881

Ion	Ratio	Lower	Upper
146	100		
111	49.6	24.4	73.4
148	65.5	32.1	96.5

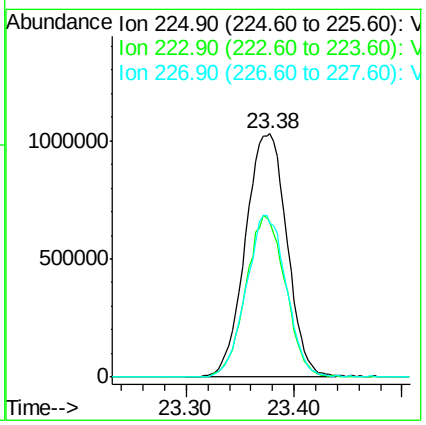


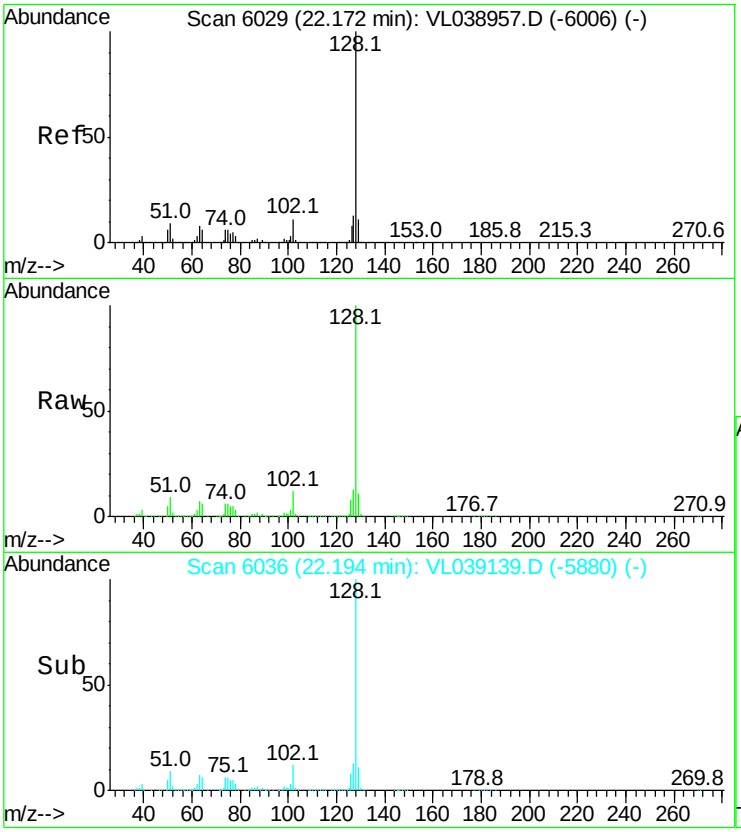


#78
Hexachloro-1,3-Butadiene
Concen: 14.02 ppbv
RT: 23.38 min Scan# 6404
Delta R.T. 0.00 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion:225 Resp: 2750135

Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.4	77.0
227	64.8	50.6	75.8



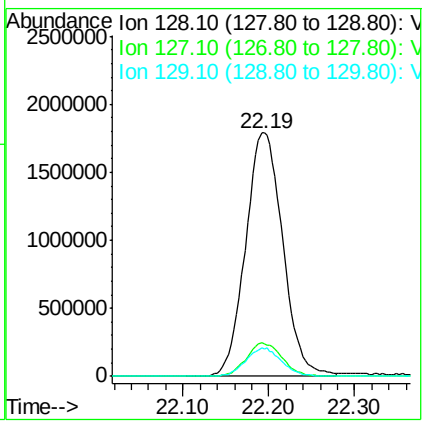


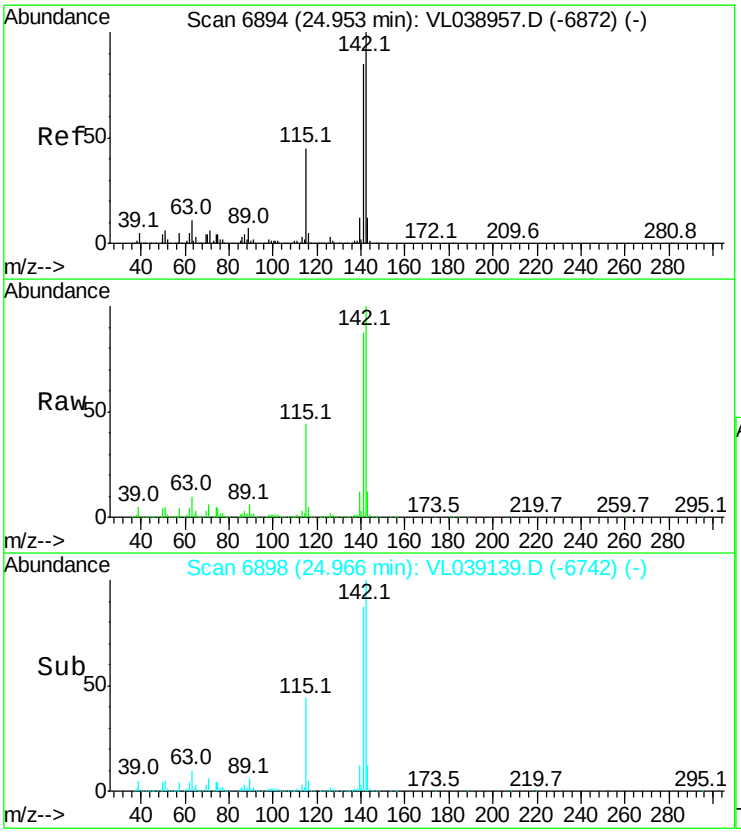
#79
Naphthalene
Concen: 16.82 ppbv
RT: 22.19
Delta R.T
Lab File:
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:128 Resp: 5382841

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.3	9.0	13.6

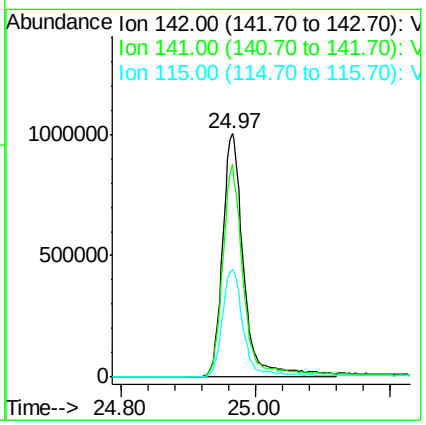


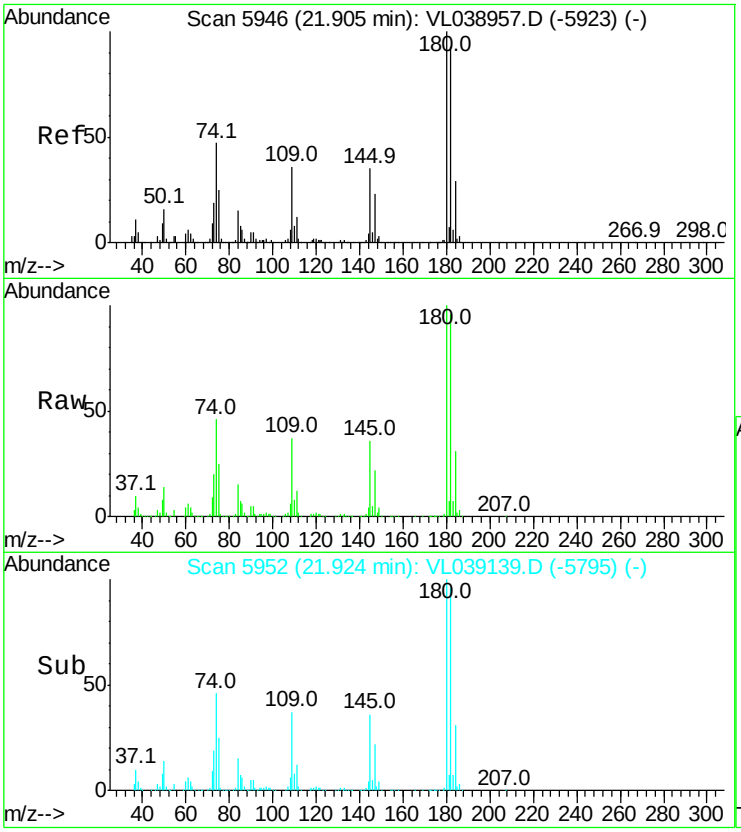


#80
Naphthalene,2-methyl-
Concen: 22.87 ppbv
RT: 24.97 min Scan# 6898
Delta R.T. 0.00 min
Lab File: VL039139.D
Acq: 31 May 2022 20:28

Tgt Ion:142 Resp: 2213682

Ion	Ratio	Lower	Upper
142	100		
141	85.4	64.6	96.8
115	44.7	32.7	49.1





#81
1,2,4-Trichlorobenzene
Concen: 16.07 ppbv
RT: 21.92
Delta R.T
Lab File:
Acq: 31 May 2022 20:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:180 Resp: 3013440

Ion	Ratio	Lower	Upper
180	100		
182	96.7	0.0	0.0#
184	31.0	0.0	0.0#