Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040522\
Data File : VL038813.D
Acq On : 5 Apr 2022 16:36
Operator : SY/AP
Sample : VSTDICC002
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Quant Time: Apr 05 17:22:33 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	1481899	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	4029808	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.08	117	3874040	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	2806446	9.45	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 94.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	393066	1.97	ppbv		98
3) Chlorodifluoromethane	2.99	51	374011	2.39	ppbv		99
4) Chloromethane	3.14	50	195270	2.27	ppbv		95
5) Vinyl Chloride	3.26	62	173709	1.99	ppbv		98
6) Bromomethane	3.47	94	85917	1.85	ppbv		88
7) Chloroethane	3.56	64	55686	1.93	ppbv		97
8) Dichlorotetrafluoroethane	3.19	85	407995	2.05	ppbv		100
9) Propene	3.01	41	192584	2.55	ppbv		92
10) Heptane	8.12	43	507516	2.81	ppbv		99
11) Trichlorofluoromethane	3.95	101	352722	2.01	ppbv		93
12) 1,1,2-Trichlorotrifluoroet	4.49	101	266019	1.97	ppbv		94
13) Ethanol	3.61	45	4234	0.51	ppbv	#	100
14) Bromoethene	3.74	108	118854	1.98	ppbv		96
15) Acetone	3.85	43	266469	2.08	ppbv		90
16) 1,3-Butadiene	3.33	39	171326	2.36	ppbv		96
17) tert-Butyl alcohol	4.29	59	242455	2.17	ppbv	#	94
18) 1,1-Dichloroethene	4.29	96	117256	1.93	ppbv		99
19) Isopropyl Alcohol	3.97	45	135533	1.91	ppbv	#	100
20) Methylene Chloride	4.34	84	104616	1.94	ppbv		88
21) Allyl Chloride	4.41	41	221311	2.40	ppbv		99
22) trans-1,2-Dichloroethene	4.89	96	122494	1.94	ppbv		96
23) Vinyl Acetate	5.07	43	284687	2.30	ppbv	#	94
24) 1,1-Dichloroethane	5.01	63	271940	2.23	ppbv		99
25) Ethyl Acetate	5.68	43	769139	2.39	ppbv		99
26) Hexane	5.68	57	361486	2.51	ppbv		98
27) Carbon Disulfide	4.55	76	323279	2.29	ppbv		94
28) Methyl tert-Butyl Ether	5.04	73	270713	2.52	ppbv		97
29) Chloroform	5.75	83	487837	2.11	ppbv		96
30) Cyclohexane	7.13	84	315869	2.52	ppbv		90
31) cis-1,2-Dichloroethene	5.55	61	322801	2.38	ppbv		98
32) 1,1,1-Trichloroethane	6.51	97	496472	2.23	ppbv		98
34) 2-Butanone	5.25	43	309974	1.94	ppbv		95
35) Carbon Tetrachloride	7.01	117	518732	2.22	ppbv		97
36) Benzene	6.89	78	767791	2.47	ppbv		96
37) 1,2-Dichloroethane	6.30	62	357330	2.26	ppbv		99
38) Trichloroethene	7.83	130	311700	2.39	ppbv		98
39) 1,2-Dichloropropane	7.61	63	295275	2.43	ppbv		96
40) 1,4-Dioxane	7.83	88	36236	0.86	ppbv	#	20
41) Tetrahydrofuran	6.05	42	313338	2.64	ppbv		98
42) Bromodichloromethane	7.79	83	545378	2.30	ppbv		98
43) Methyl Methacrylate	8.01	69	296471	2.57	ppbv		97

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040522\
Data File : VL038813.D
Acq On : 5 Apr 2022 16:36
Operator : SY/AP
Sample : VSTDICC002
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Apr 05 17:22:33 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	7.86	57	1349411	2.58	ppbv		99
45) t-1,3-Dichloropropene	9.27	75	299746	2.55	ppbv		100
46) cis-1,3-Dichloropropene	8.70	75	411797	2.59	ppbv		96
47) 1,1,2-Trichloroethane	9.47	97	293966	2.26	ppbv		97
48) Dibromochloromethane	10.29	129	479152	2.36	ppbv		97
49) Bromoform	13.03	173	388780	2.35	ppbv		99
50) 4-Methyl-2-Pentanone	8.74	43	770176	2.60	ppbv		100
51) 2-Hexanone	10.13	43	583114	2.74	ppbv	#	99
52) Tetrachloroethene	11.22	164	259927	2.28	ppbv		96
53) Toluene	9.80	91	911666	2.73	ppbv		99
54) 1,2-Dibromoethane	10.60	107	401427	2.26	ppbv		100
56) 1,1,1,2-Tetrachloroethane	12.12	131	186614	1.16	ppbv	#	1
57) Chlorobenzene	12.14	112	661542	2.37	ppbv		94
58) Ethyl Benzene	12.70	91	1200065	2.65	ppbv		93
59) m/p-Xylene	12.99	91	963873	2.43	ppbv	#	26
60) o-Xylene	13.68	91	949727	2.52	ppbv		98
61) Styrene	13.52	104	567375	2.78	ppbv		99
62) Isopropylbenzene	14.66	105	1434238	2.54	ppbv		97
63) 1,1,2,2-Tetrachloroethane	13.67	83	581368	2.00	ppbv		100
64) n-propylbenzene	15.55	120	371644	2.50	ppbv		91
65) tert-Butylbenzene	16.74	119	1262271	2.48	ppbv		97
66) Benzyl Chloride	16.98	91	257422	2.68	ppbv		98
67) sec-Butylbenzene	17.28	105	1819191	2.50	ppbv		99
69) p-Isopropyltoluene	17.64	119	1527807	2.58	ppbv		98
70) n-Butylbenzene	18.54	91	795526	1.30	ppbv	#	41
71) 2-Chlorotoluene	15.45	91	1073305	2.56	ppbv		98
72) 4-Ethyltoluene	15.83	105	1108273	2.50	ppbv		99
73) 1,3,5-Trimethylbenzene	15.99	105	1026773	2.54	ppbv		97
74) 1,2,4-Trimethylbenzene	16.75	105	1122381	2.55	ppbv		97
75) 1,3-Dichlorobenzene	16.99	146	624288	2.22	ppbv		99
76) 1,4-Dichlorobenzene	17.13	146	585131	2.10	ppbv		98
77) 1,2-Dichlorobenzene	17.81	146	603895	2.17	ppbv		98
78) Hexachloro-1,3-Butadiene	23.36	225	501708	1.95	ppbv		99
79) Naphthalene	22.18	128	859144	2.55	ppbv		98
80) Naphthalene,2-methyl-	24.97	142	206976	2.29	ppbv		93
81) 1,2,4-Trichlorobenzene	21.91	180	473683	2.05	ppbv		98

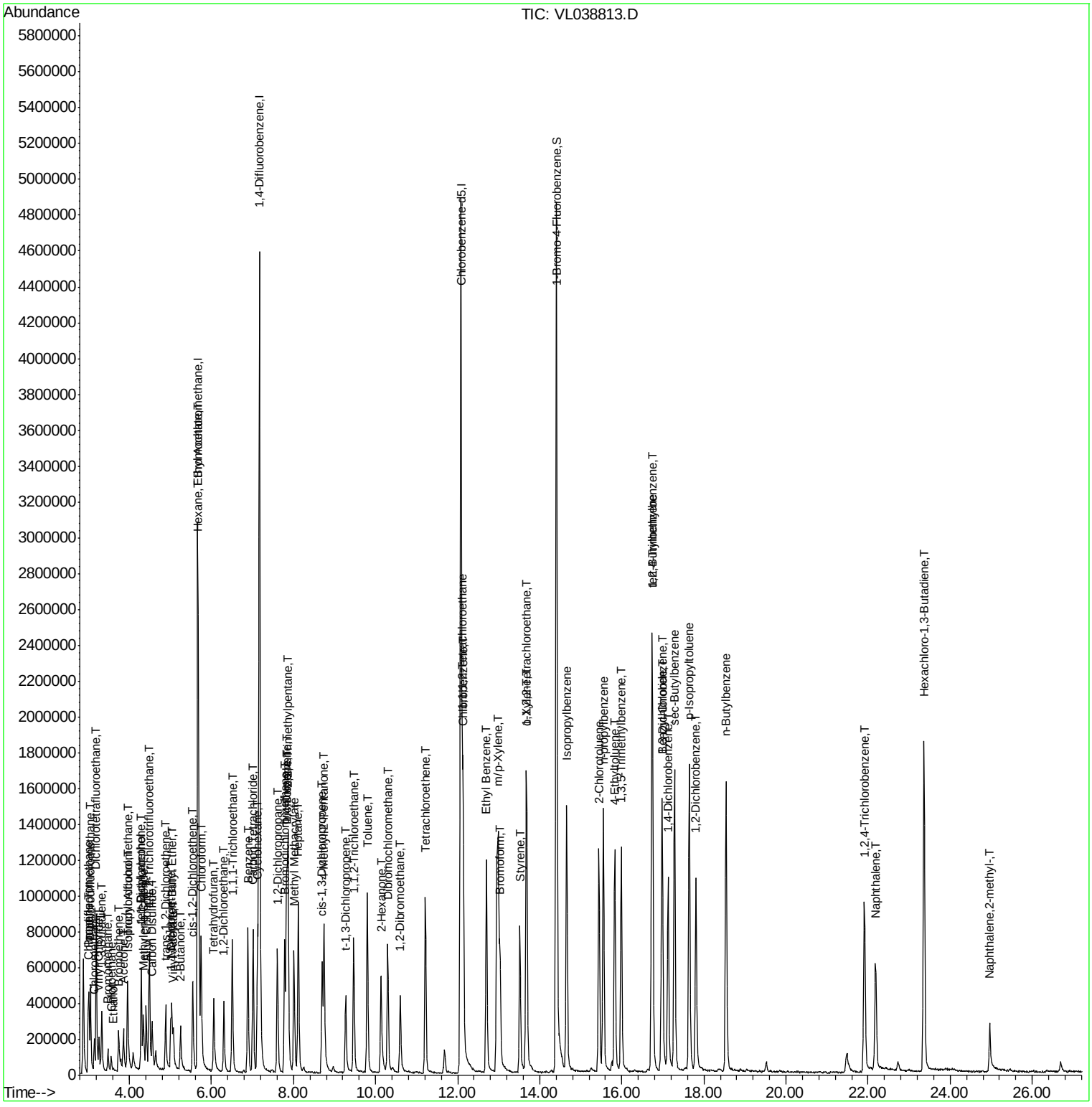
(#) = qualifier out of range (m) = manual integration (+) = signals summed

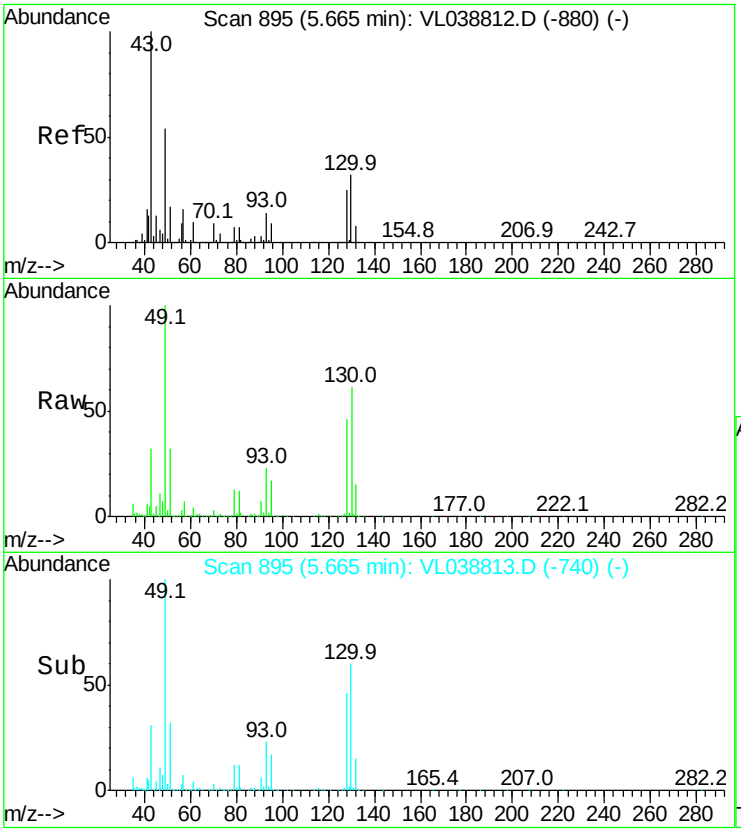
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040522\
Data File : VL038813.D
Acq On : 5 Apr 2022 16:36
Operator : SY/AP
Sample : VSTDICC002
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Quant Time: Apr 05 17:22:33 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



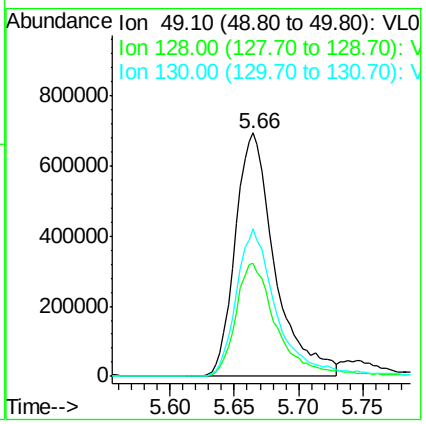


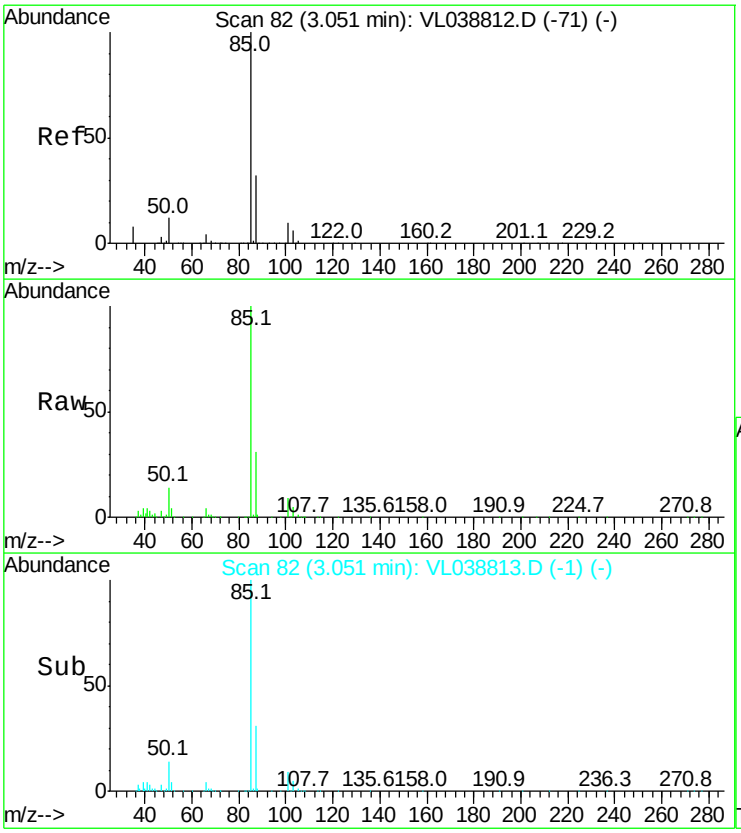
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 5 Apr 2022 16:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 49 Resp: 1481899

Ion	Ratio	Lower	Upper
49	100		
128	48.8	24.1	72.3
130	63.4	30.9	92.8

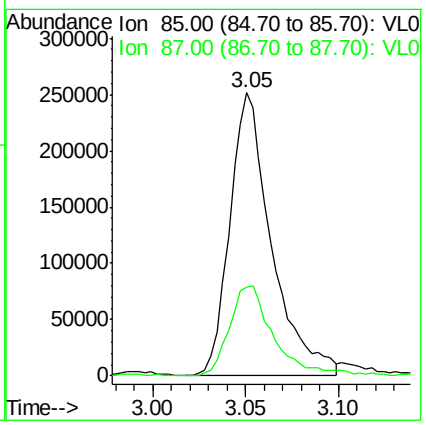


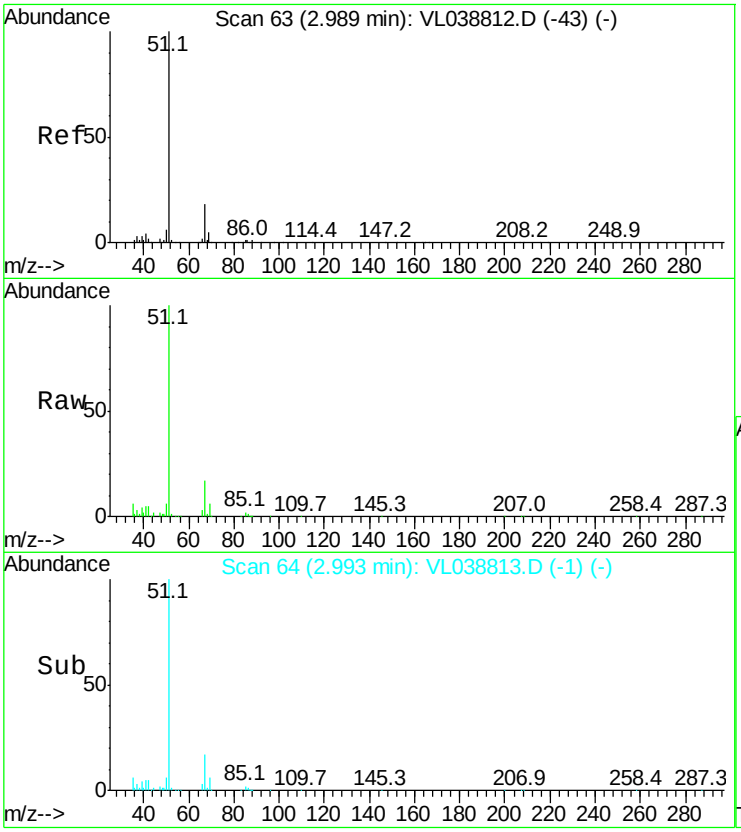


#2
Dichlorodifluoromethane
Concen: 1.97 ppbv
RT: 3.05 min Scan# 82
Delta R.T. -0.00 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Tgt Ion: 85 Resp: 393066

Ion	Ratio	Lower	Upper
85	100		
87	31.2	25.9	38.9



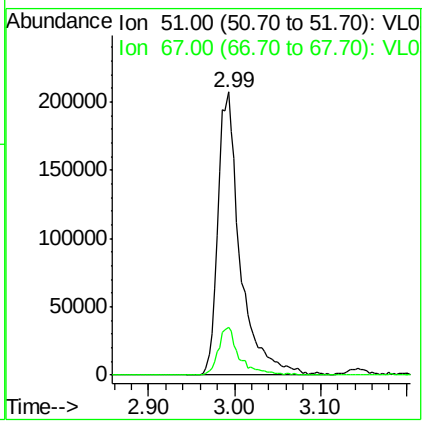


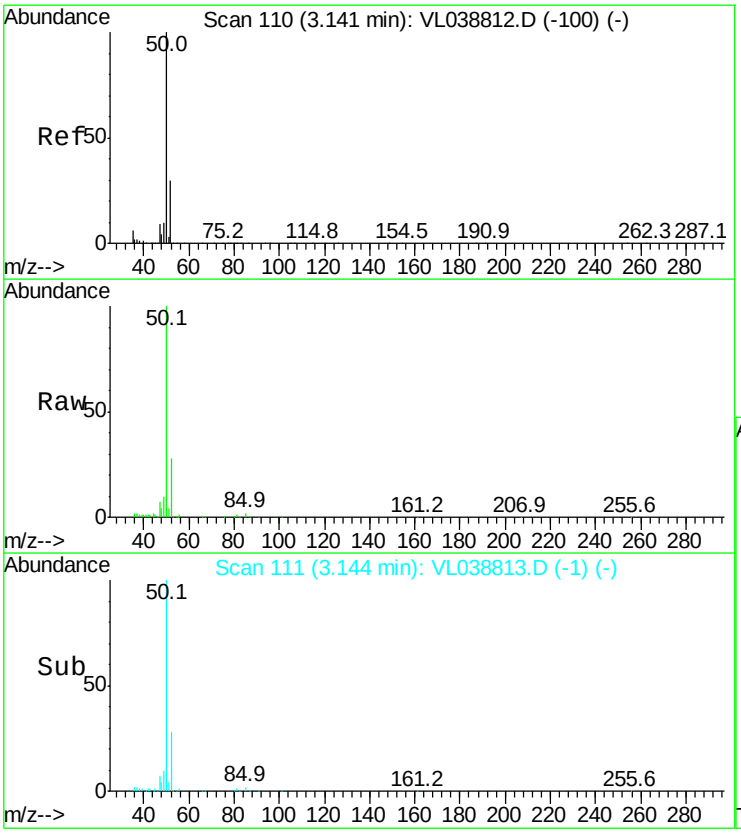
#3
Chlorodifluoromethane
Concen: 2.39 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 5 Apr 2022 16:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 51 Resp: 374011

Ion	Ratio	Lower	Upper
51	100		
67	16.2	13.4	20.0

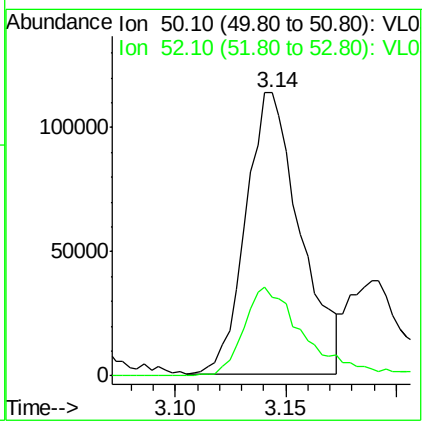


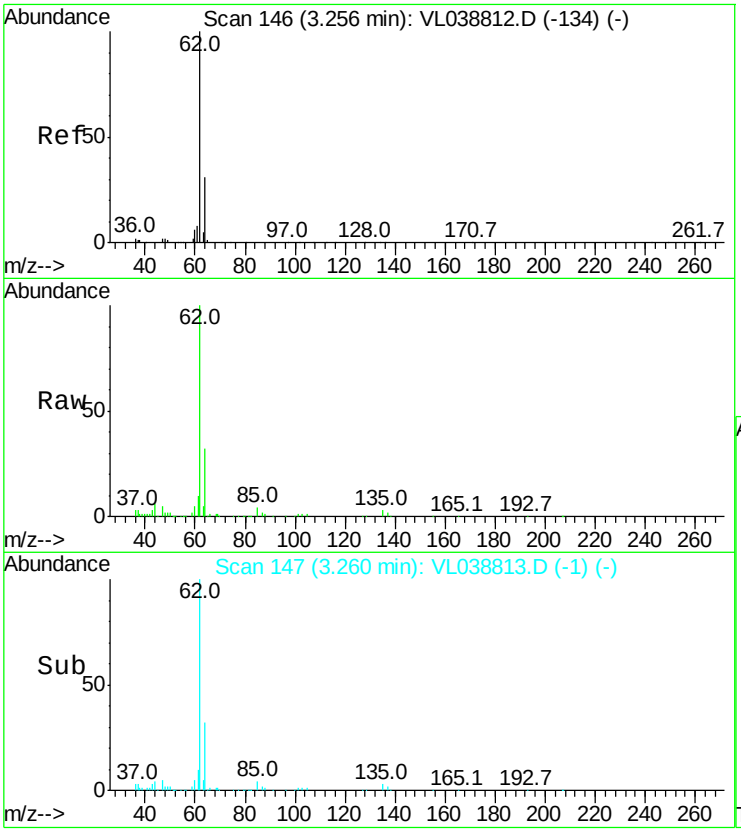


#4
Chloromethane
Concen: 2.27 ppbv
RT: 3.14 min Scan# 111
Delta R.T. 0.00 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Tgt Ion: 50 Resp: 195270

Ion	Ratio	Lower	Upper
50	100		
52	27.9	24.3	36.5



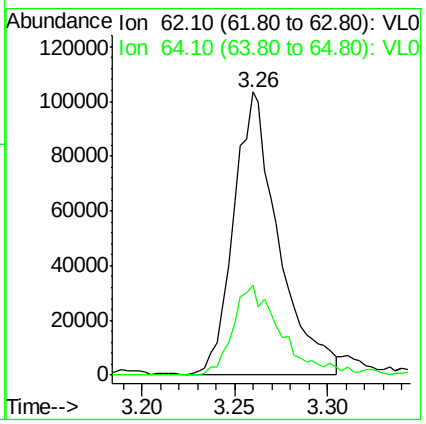


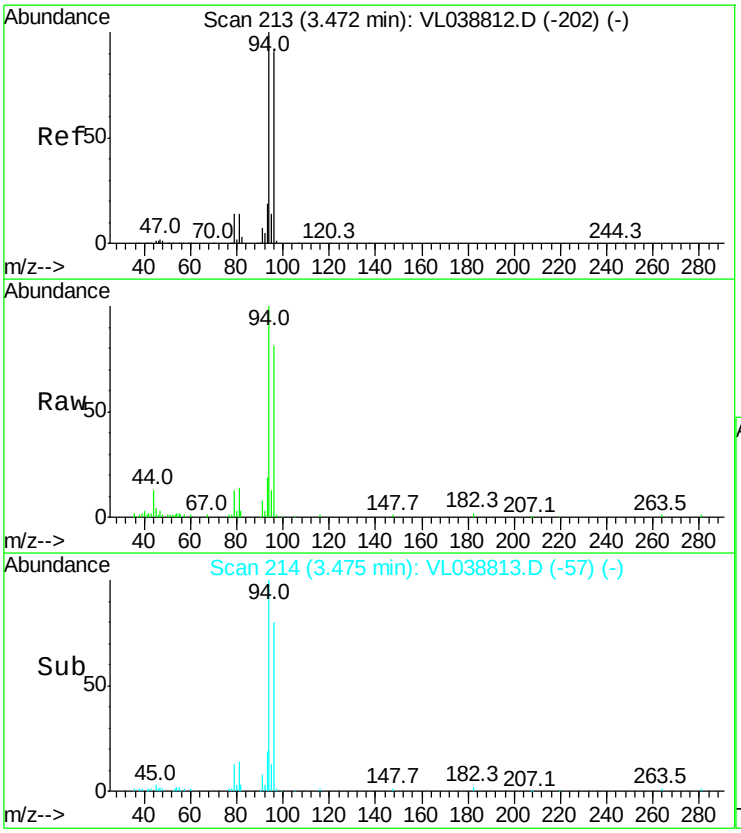
#5
Vinyl Chloride
Concen: 1.99 ppbv
RT: 3.26
Delta R.T
Lab File:
Acq: 5 Apr 2022 16:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 62 Resp: 173709

Ion	Ratio	Lower	Upper
62	100		
64	31.8	24.6	37.0

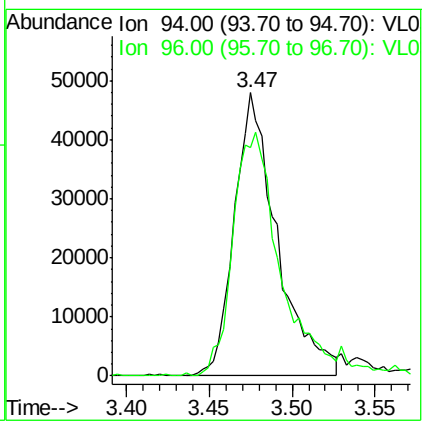


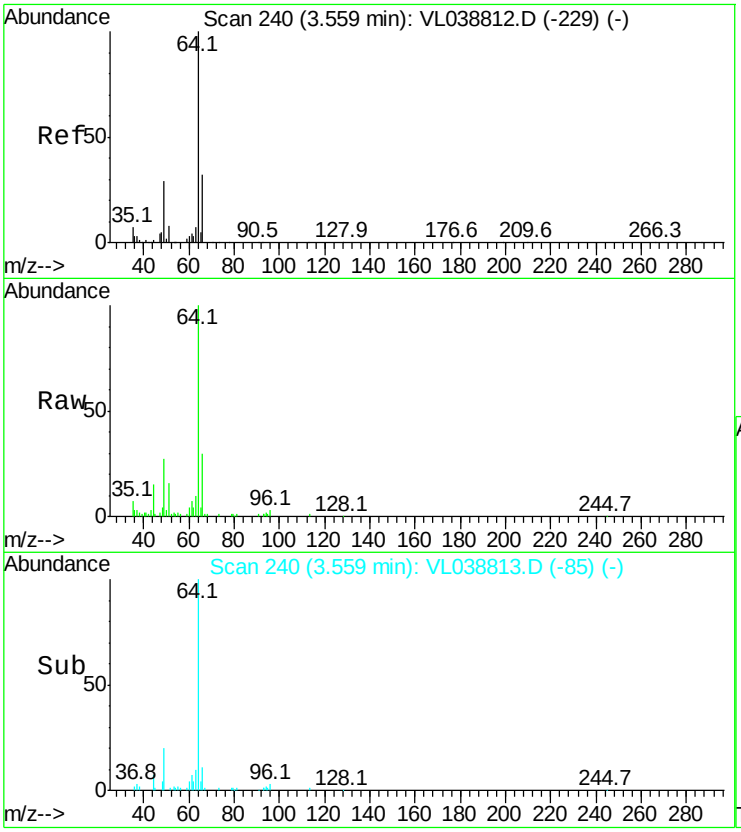


#6
Bromomethane
Concen: 1.85 ppbv
RT: 3.47 min Scan# 214
Delta R.T. 0.00 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Tgt Ion: 94 Resp: 85917

Ion	Ratio	Lower	Upper
94	100		
96	79.9	73.2	109.8



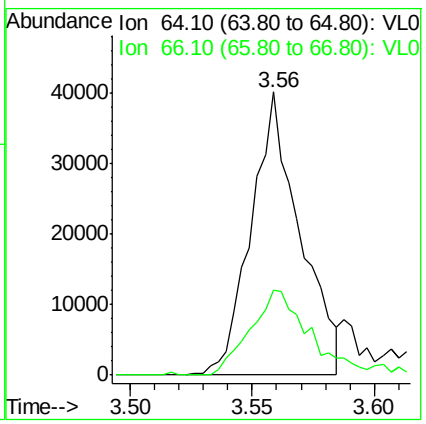


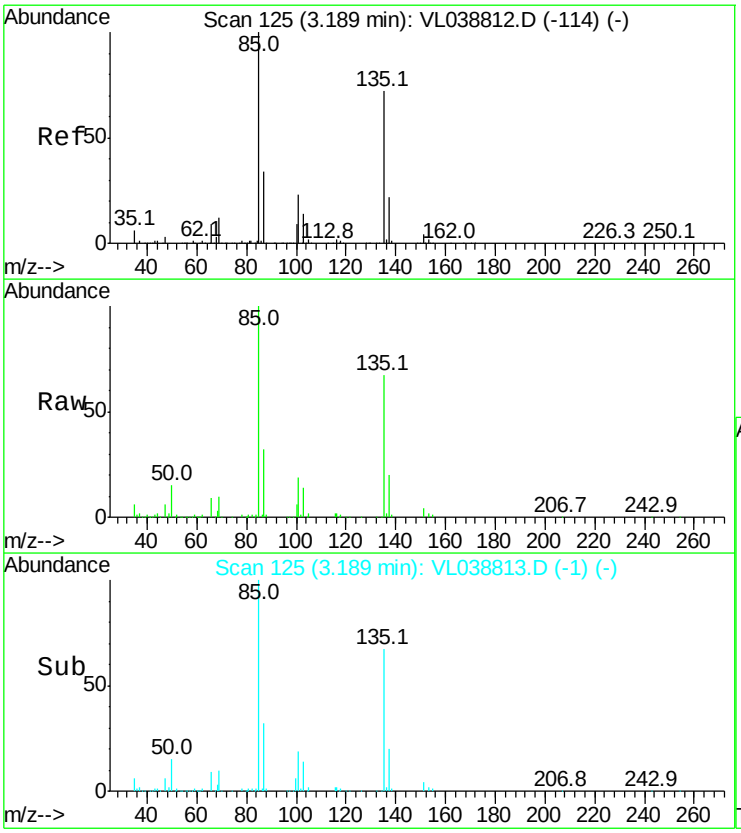
#7
Chloroethane
Concen: 1.93 ppbv
RT: 3.56
Delta R.T
Lab File:
Acq: 5 Apr 2022 16:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 64 Resp: 55686

Ion	Ratio	Lower	Upper
64	100		
66	30.0	25.4	38.2

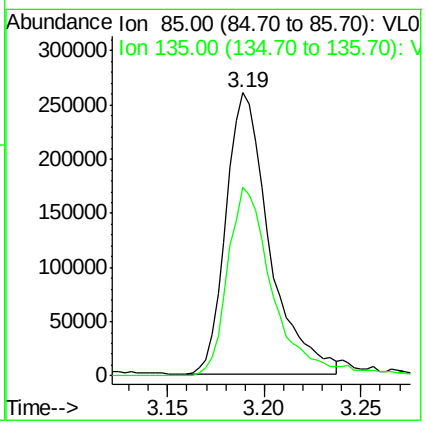


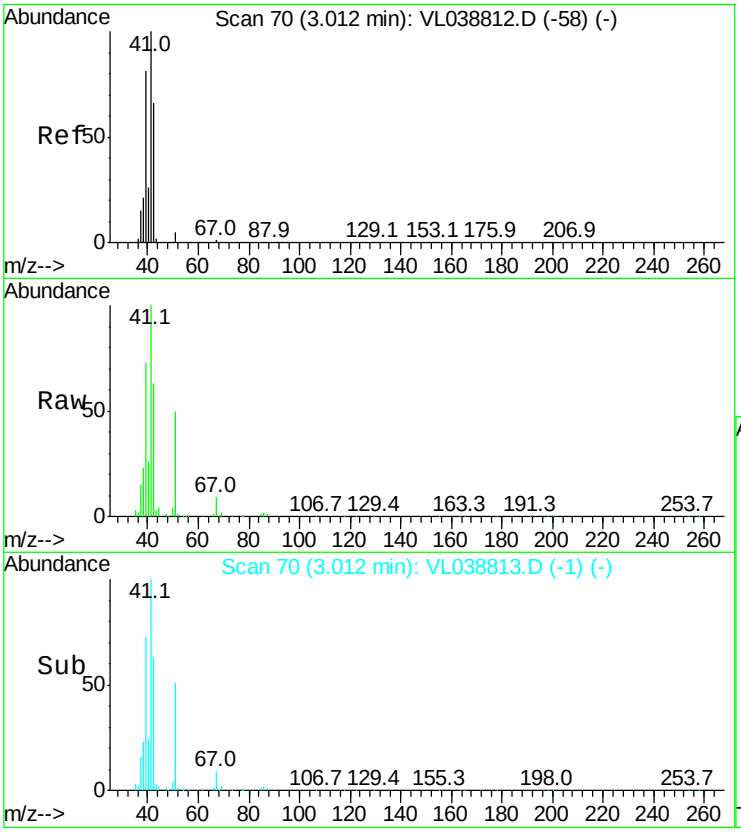


#8
Dichlorotetrafluoroethane
Concen: 2.05 ppbv
RT: 3.19 min Scan# 125
Delta R.T. -0.00 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Tgt Ion: 85 Resp: 407995

Ion	Ratio	Lower	Upper
85	100		
135	71.5	57.0	85.6



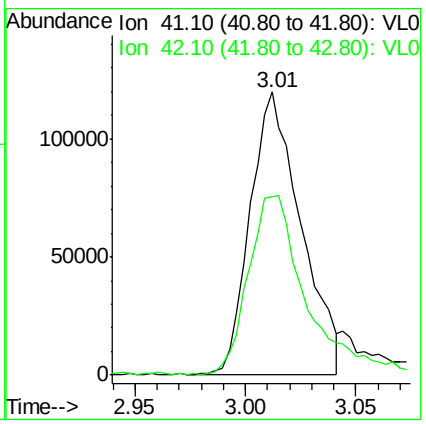


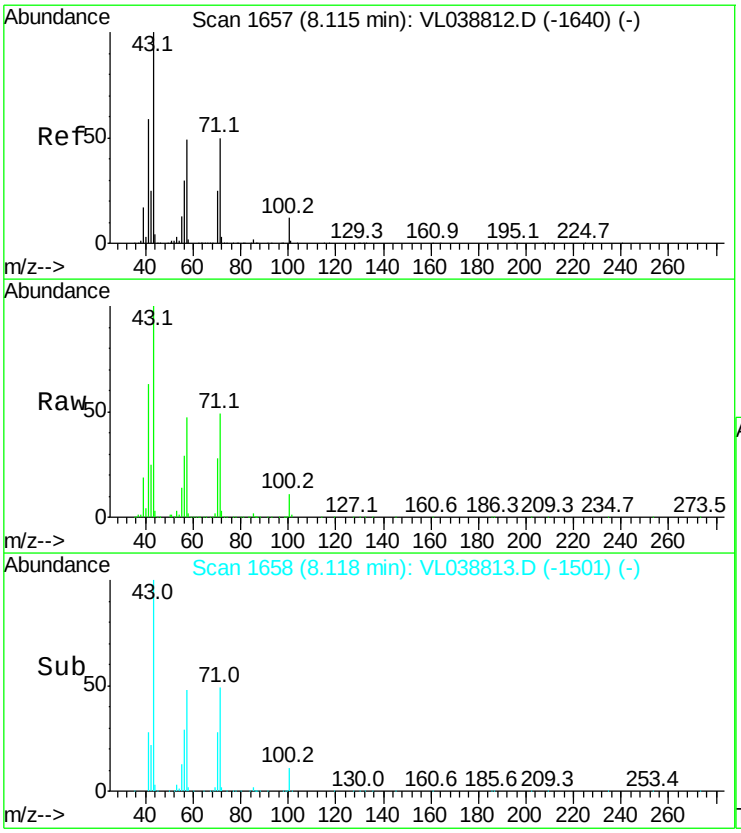
#9
Propene
Concen: 2.55 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 5 Apr 2022 16:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 41 Resp: 192584

Ion	Ratio	Lower	Upper
41	100		
42	74.1	54.2	81.4

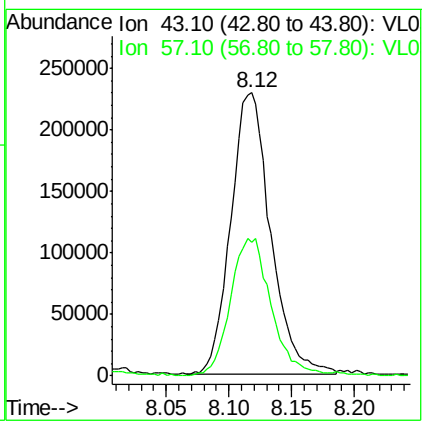


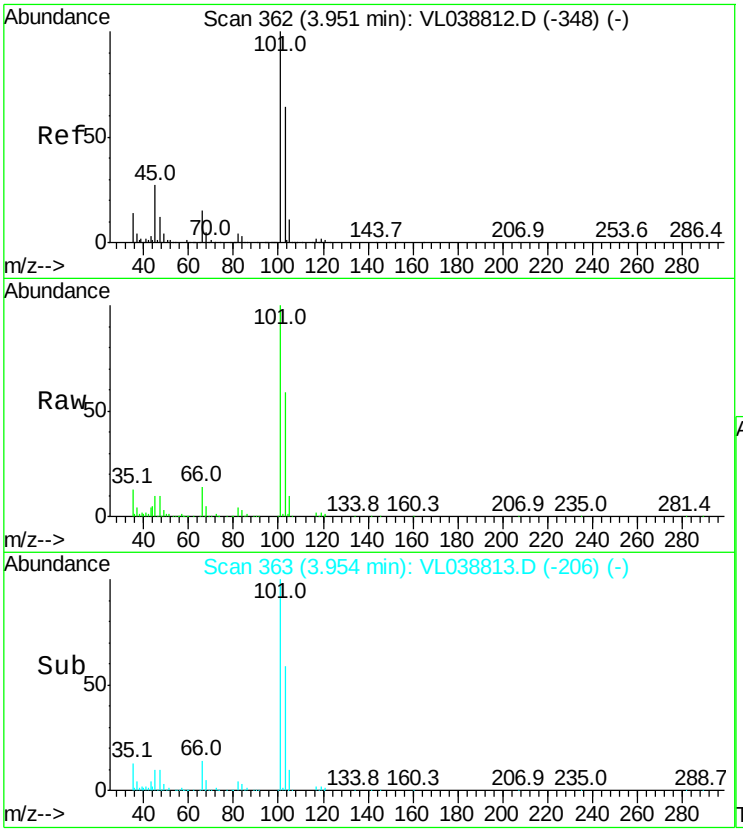


#10
Heptane
Concen: 2.81 ppbv
RT: 8.12 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Tgt Ion: 43 Resp: 507516

Ion	Ratio	Lower	Upper
43	100		
57	50.1	39.3	58.9



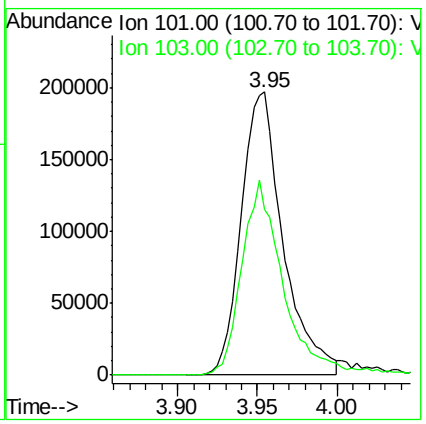


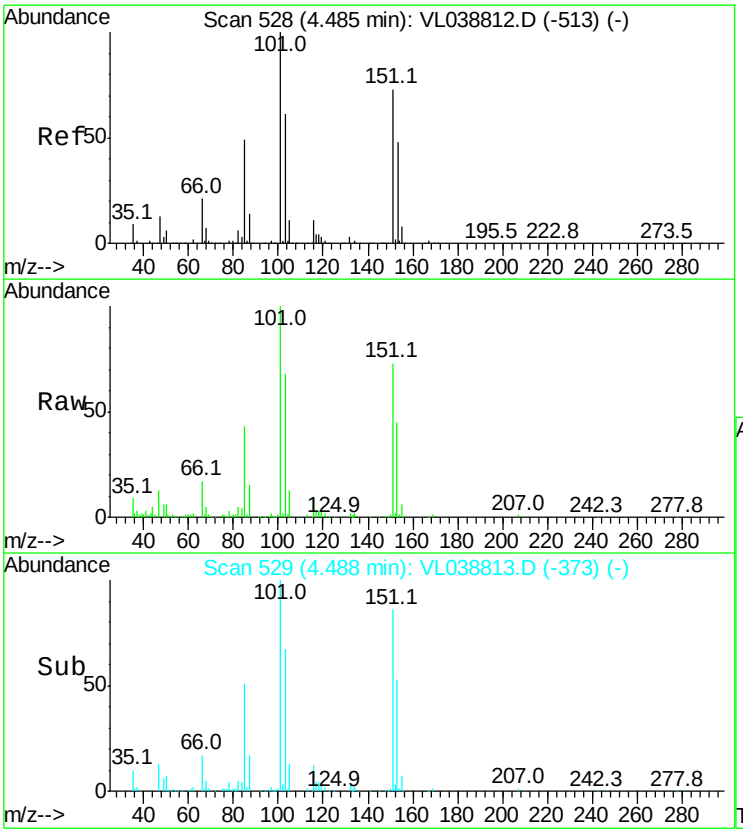
#11
Trichlorofluoromethane
Concen: 2.01 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 5 Apr 2022 16:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:101 Resp: 352722

Ion	Ratio	Lower	Upper
101	100		
103	58.7	51.4	77.0

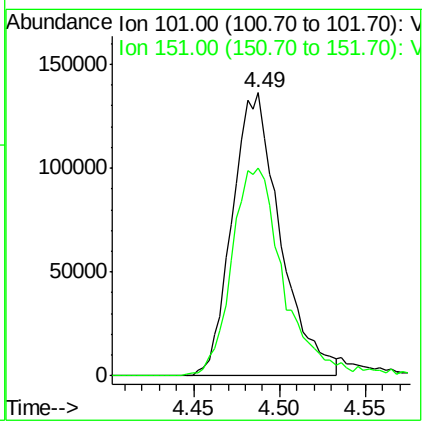


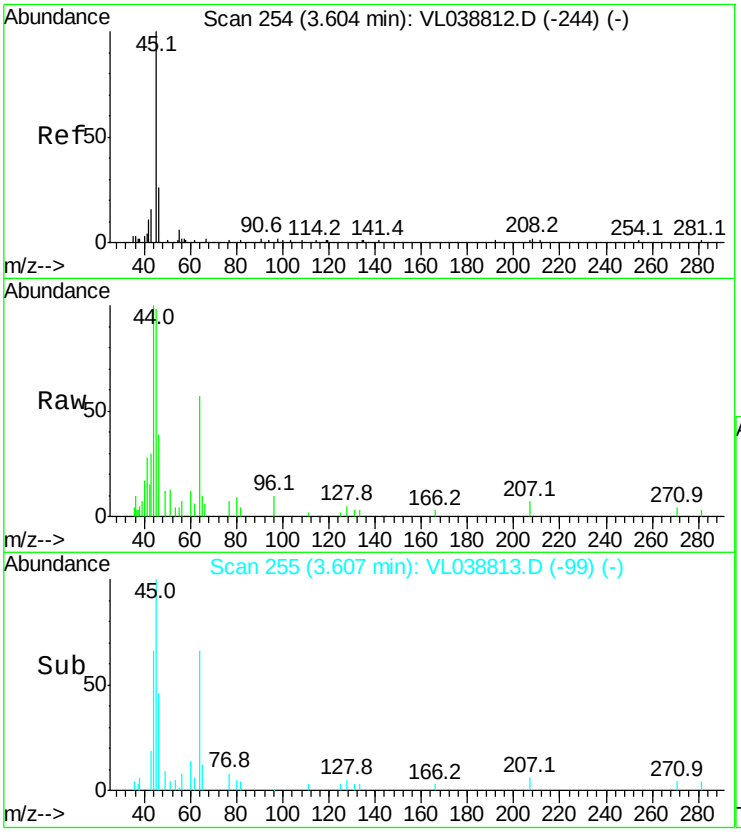


#12
1,1,2-Trichlorotrifluoroethane
Concen: 1.97 ppbv
RT: 4.49 min Scan# 529
Delta R.T. 0.00 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Tgt Ion:101 Resp: 266019

Ion	Ratio	Lower	Upper
101	100		
151	80.4	59.9	89.9



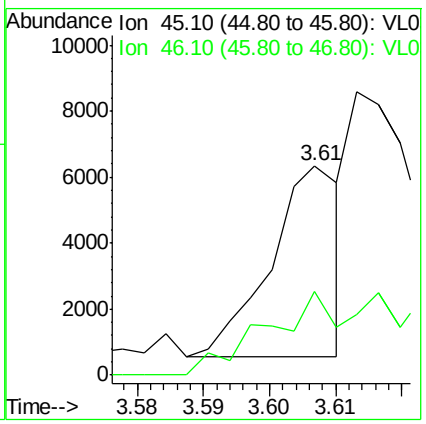


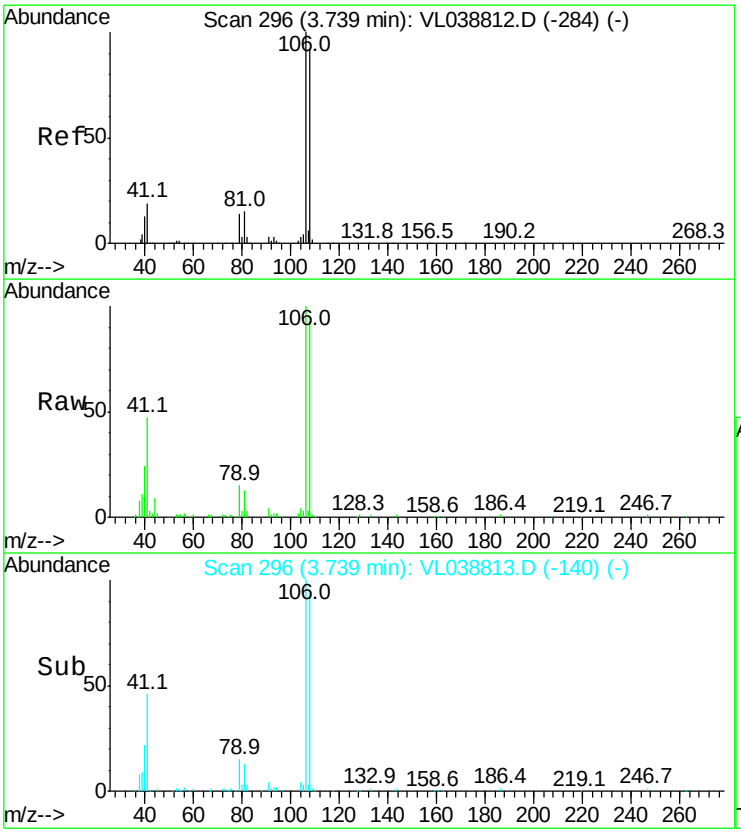
#13
Ethanol
Concen: 0.51 ppbv
RT: 3.61
Delta R.T
Lab File:
Acq: 5 Apr 2022 16:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 45 Resp: 4234

Ion	Ratio	Lower	Upper
45	100		
46	124.2	0.0	0.0#

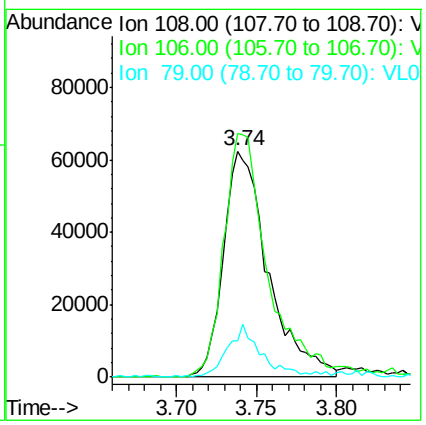


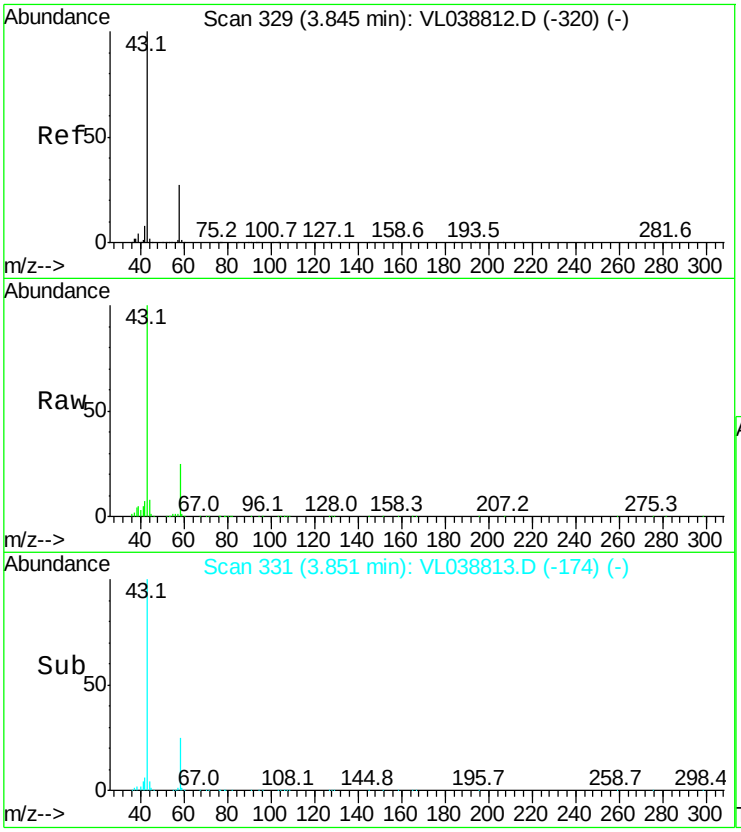


#14
Bromoethene
Concen: 1.98 ppbv
RT: 3.74 min Scan# 296
Delta R.T. -0.00 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Tgt Ion:108 Resp: 118854

Ion	Ratio	Lower	Upper
108	100		
106	110.3	91.5	137.3
79	20.0	13.7	20.5



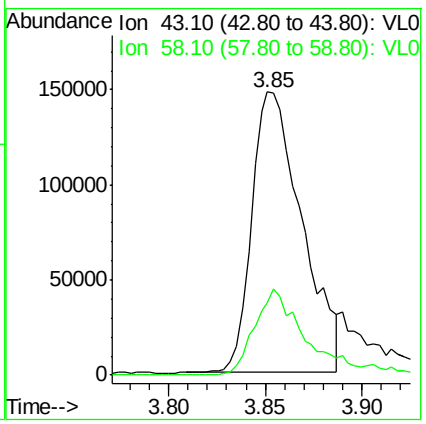


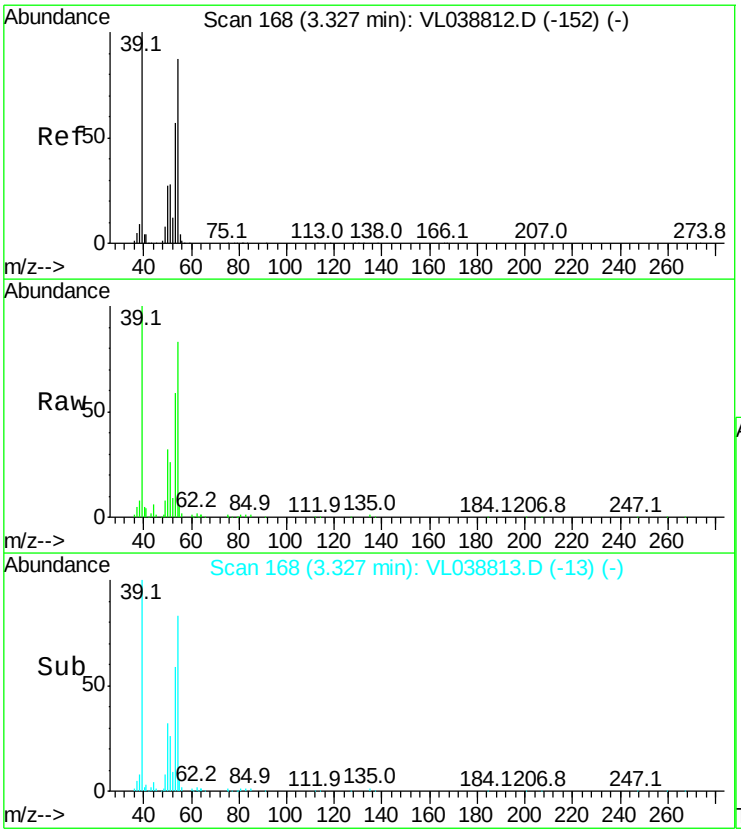
#15
Acetone
Concen: 2.08 ppbv
RT: 3.85
Delta R.T
Lab File:
Acq: 5 Apr 2022 16:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 266469

Ion	Ratio	Lower	Upper
43	100		
58	33.1	22.5	33.7

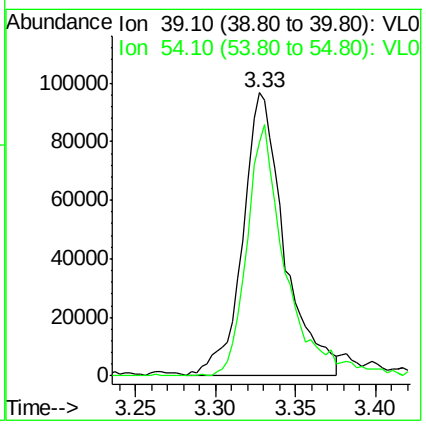


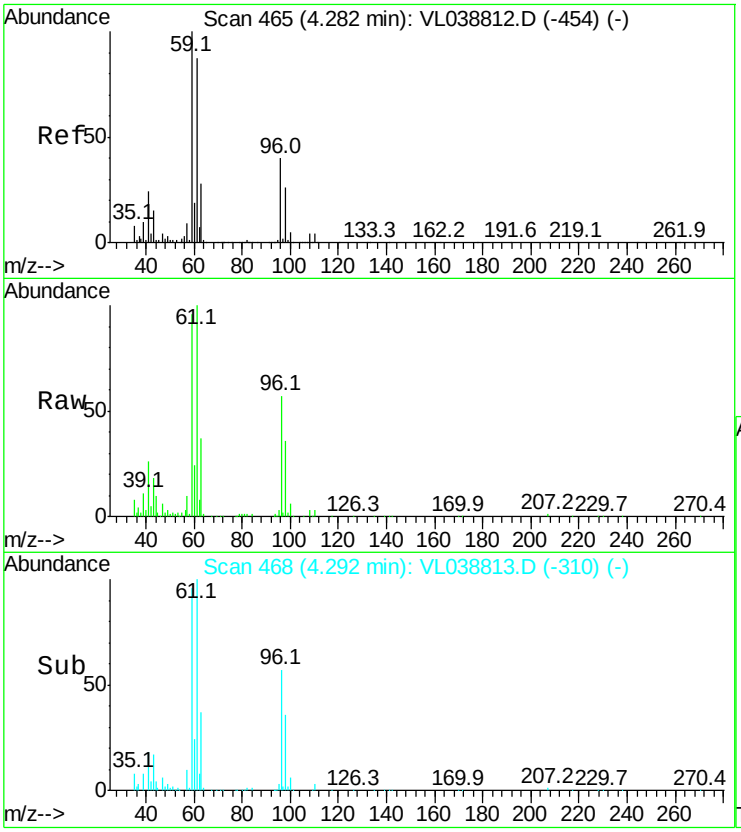


#16
1,3-Butadiene
Concen: 2.36 ppbv
RT: 3.33 min Scan# 168
Delta R.T. -0.00 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Tgt Ion: 39 Resp: 171326

Ion	Ratio	Lower	Upper
39	100		
54	84.2	64.8	97.2



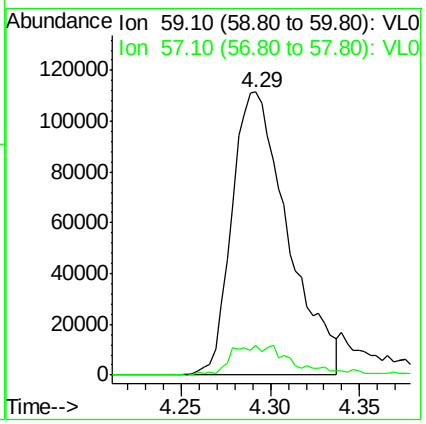


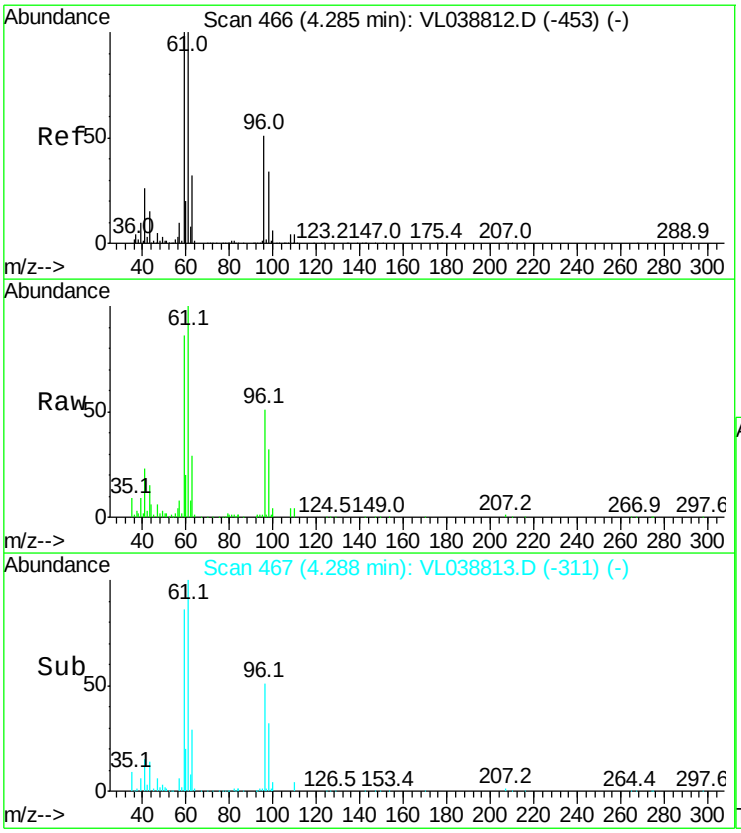
#17
tert-Butyl alcohol
Concen: 2.17 ppbv
RT: 4.29
Delta R.T
Lab File:
Acq: 5 Apr 2022 16:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 59 Resp: 242455

Ion	Ratio	Lower	Upper
59	100		
57	12.8	8.5	12.7#

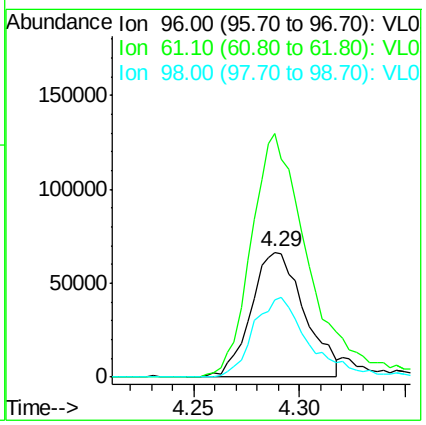


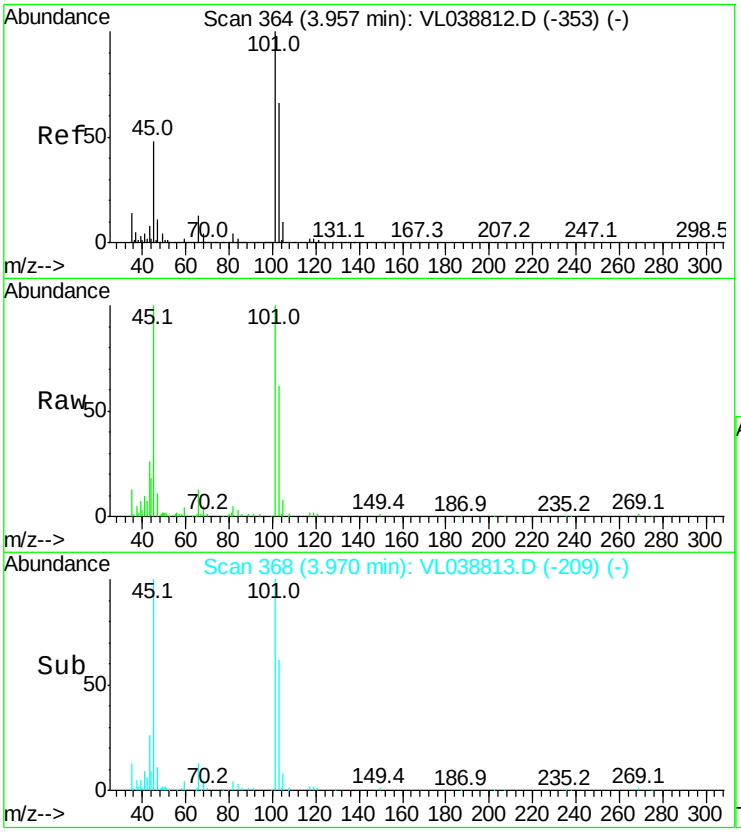


#18
1,1-Dichloroethene
Concen: 1.93 ppbv
RT: 4.29 min Scan# 467
Delta R.T. 0.00 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Tgt Ion: 96 Resp: 117256

Ion	Ratio	Lower	Upper
96	100		
61	195.1	156.1	234.1
98	61.9	53.0	79.6



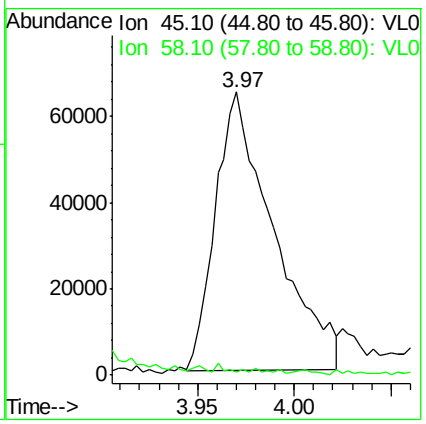


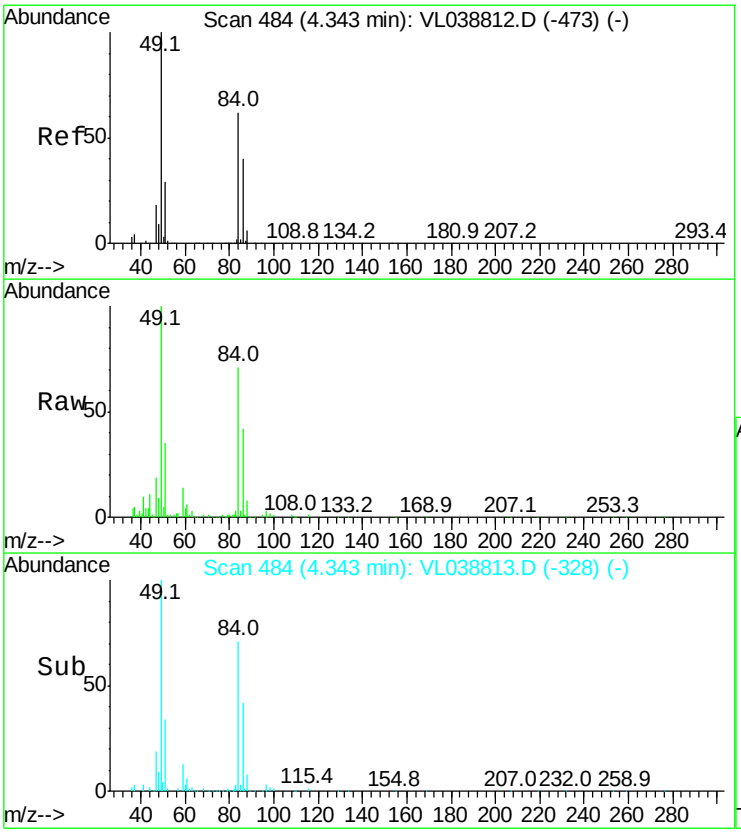
#19
Isopropyl Alcohol
Concen: 1.91 ppbv
RT: 3.97
Delta R.T
Lab File:
Acq: 5 Apr 2022 16:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 45 Resp: 135533

Ion	Ratio	Lower	Upper
45	100		
58	65.8	0.0	0.0#

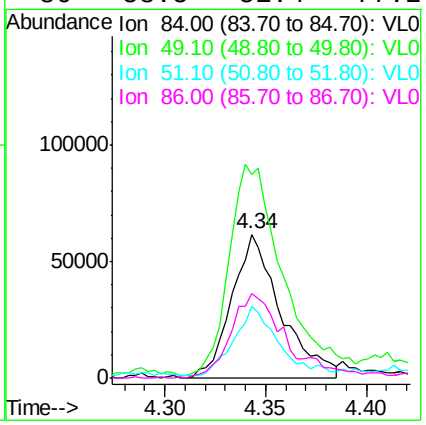


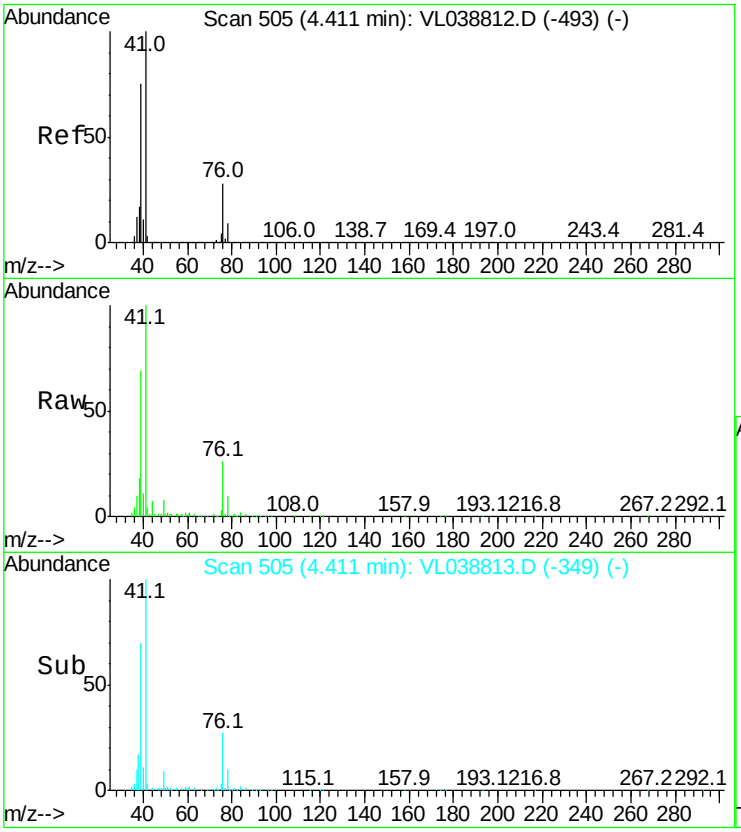


#20
Methylene Chloride
Concen: 1.94 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.00 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Tgt Ion: 84 Resp: 104616

Ion	Ratio	Lower	Upper
84	100		
49	140.1	129.4	194.0
51	47.3	37.4	56.2
86	58.5	51.4	77.2



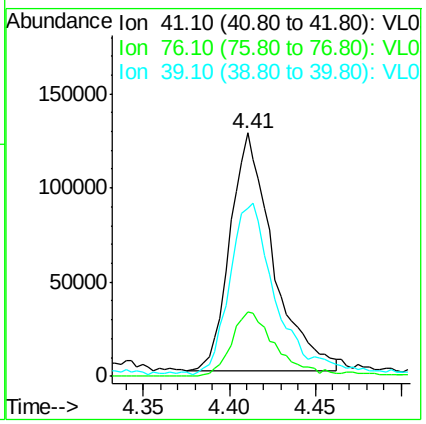


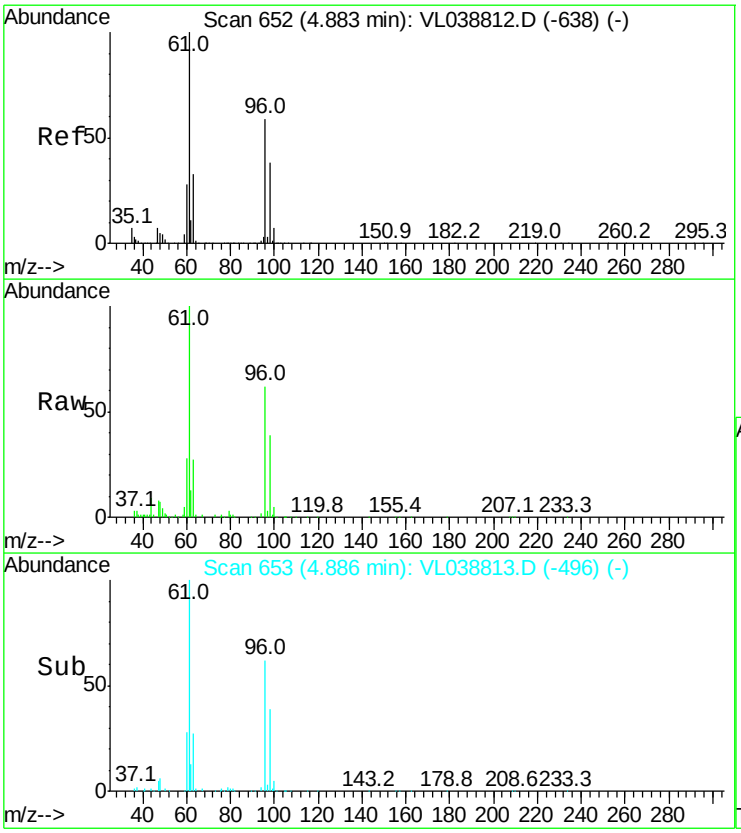
#21
Allyl Chloride
Concen: 2.40 ppbv
RT: 4.41
Delta R.T
Lab File:
Acq: 5 Apr 2022 16:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 41 Resp: 221311

Ion	Ratio	Lower	Upper
41	100		
76	29.2	23.7	35.5
39	79.0	62.0	93.0

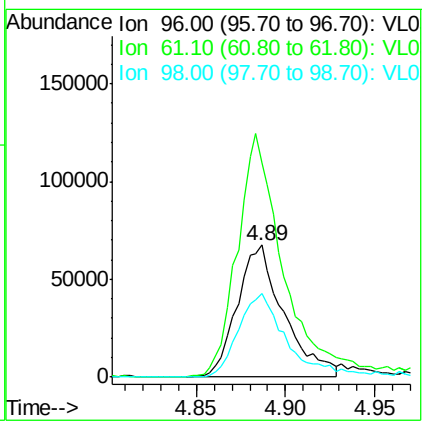


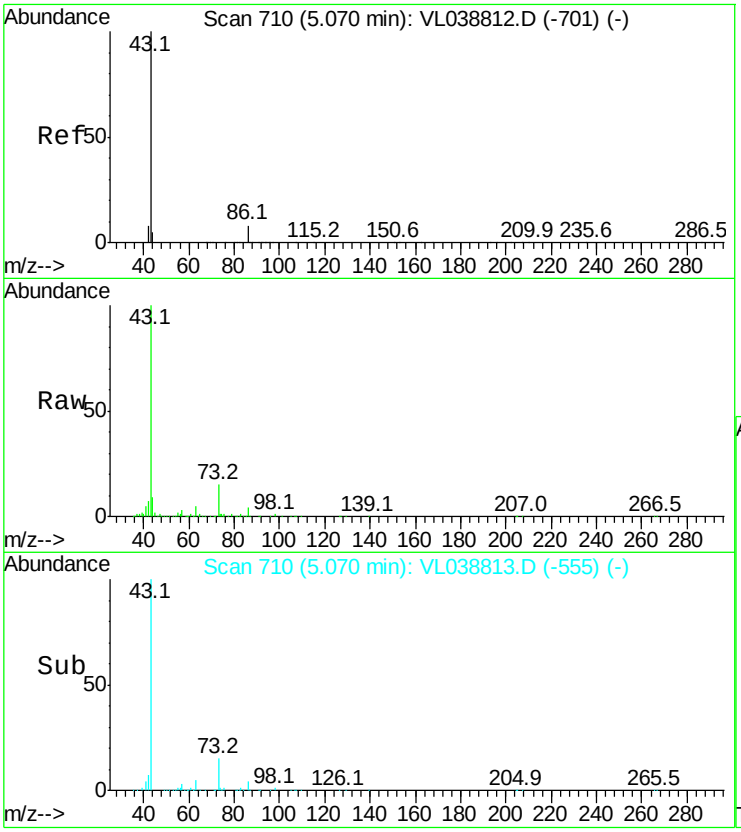


#22
trans-1,2-Dichloroethene
Concen: 1.94 ppbv
RT: 4.89 min Scan# 653
Delta R.T. 0.00 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Tgt Ion: 96 Resp: 122494

Ion	Ratio	Lower	Upper
96	100		
61	162.5	134.8	202.2
98	63.1	51.9	77.9



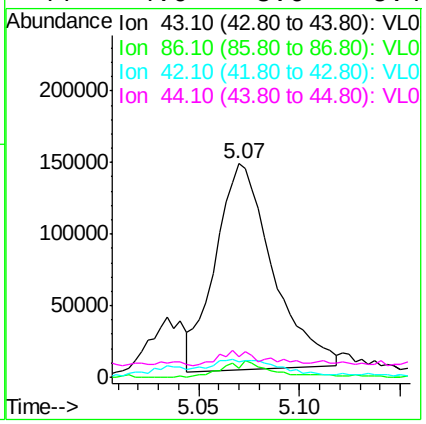


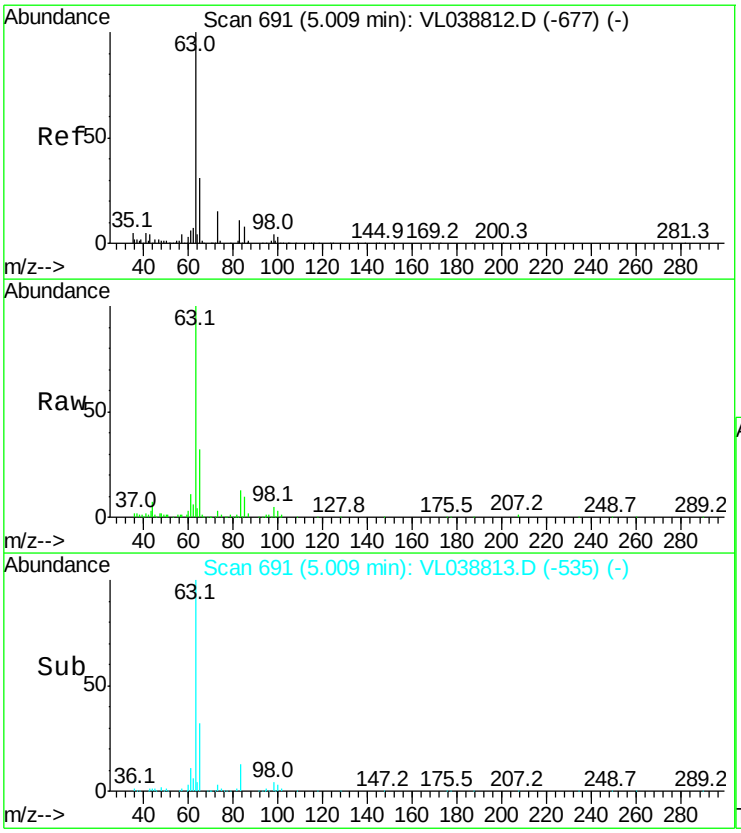
#23
Vinyl Acetate
Concen: 2.30 ppbv
RT: 5.07
Delta R.T
Lab File:
Acq: 5 Apr 2022 16:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 284687

Ion	Ratio	Lower	Upper
43	100		
86	4.7	5.8	8.6#
42	7.1	7.8	11.6#
44	4.0	3.6	5.4

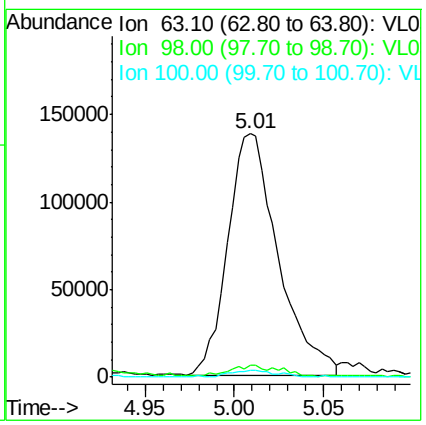


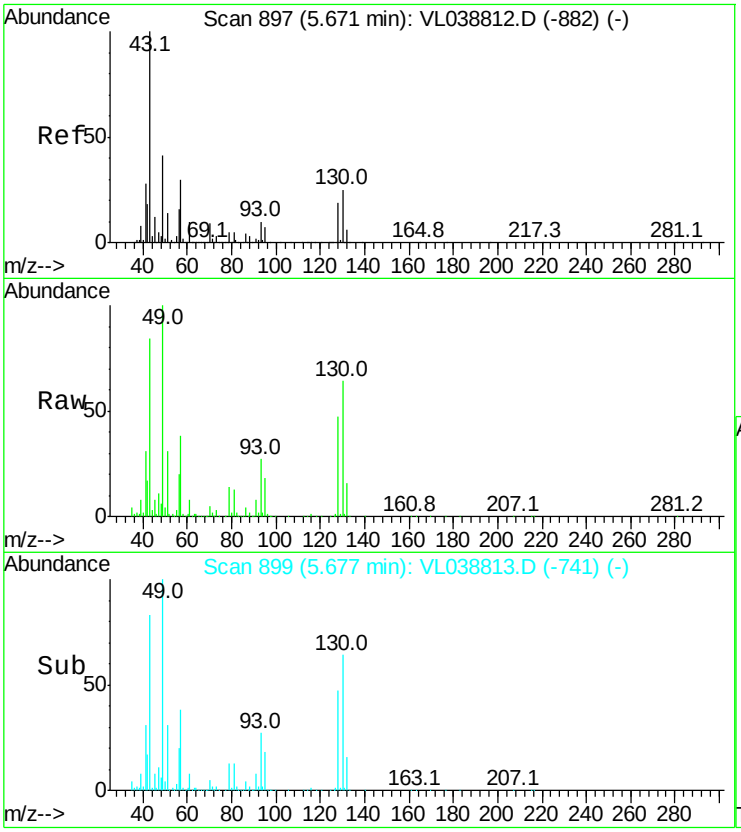


#24
1,1-Dichloroethane
Concen: 2.23 ppbv
RT: 5.01 min Scan# 691
Delta R.T. -0.00 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Tgt Ion: 63 Resp: 271940

Ion	Ratio	Lower	Upper
63	100		
98	4.1	2.2	6.6
100	2.8	1.4	4.0



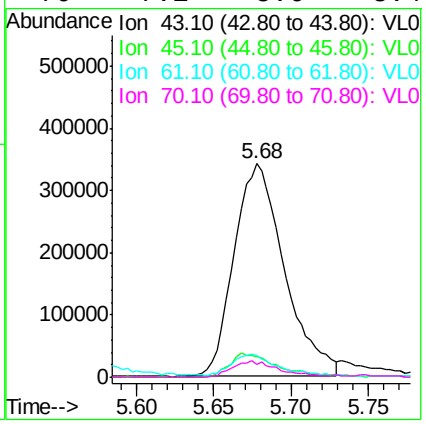


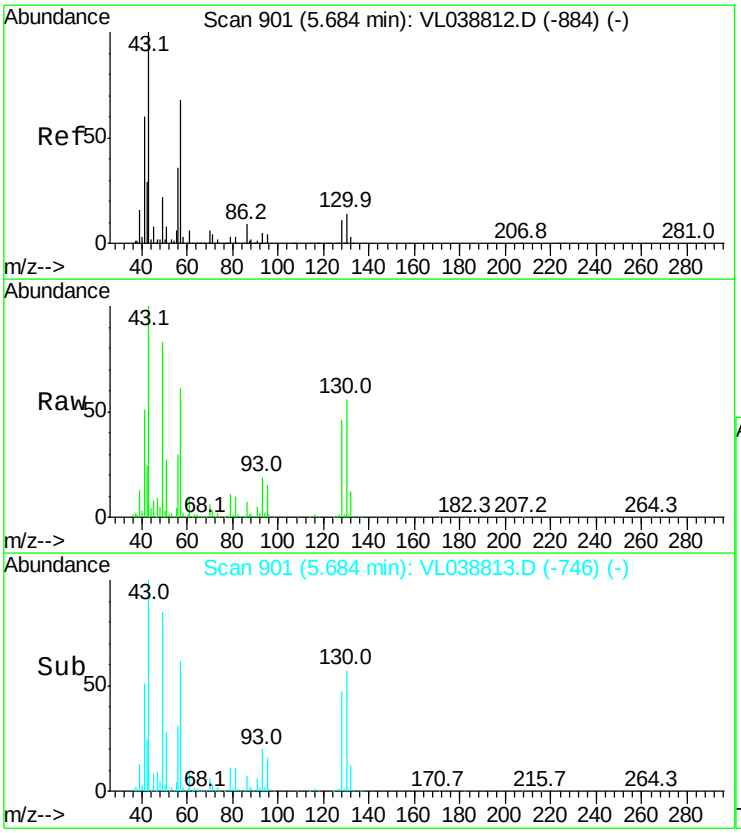
#25
Ethyl Acetate
Concen: 2.39 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 5 Apr 2022 16:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 769139

Ion	Ratio	Lower	Upper
43	100		
45	10.9	8.4	12.6
61	9.3	7.9	11.9
70	7.1	5.6	8.4

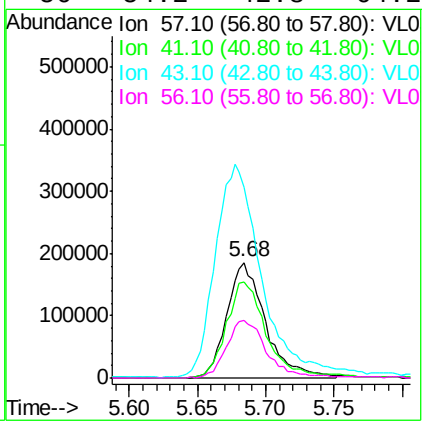


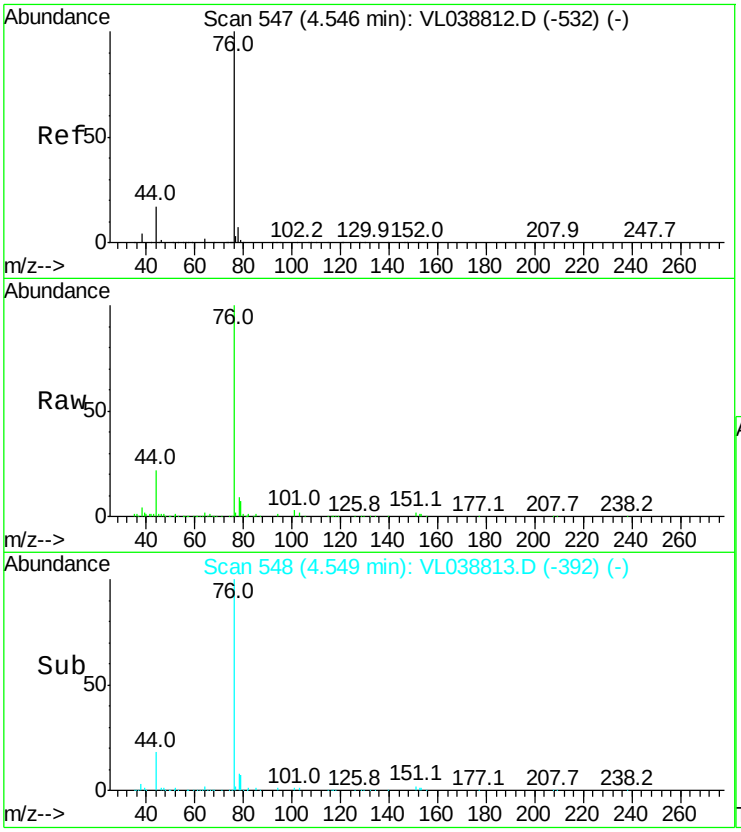


#26
Hexane
Concen: 2.51 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.00 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Tgt Ion: 57 Resp: 361486

Ion	Ratio	Lower	Upper
57	100		
41	88.9	72.0	108.0
43	228.3	186.6	280.0
56	54.2	42.8	64.2



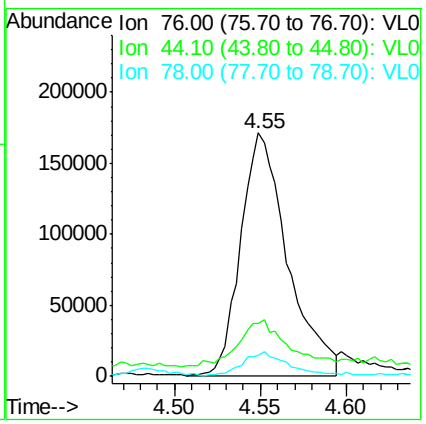


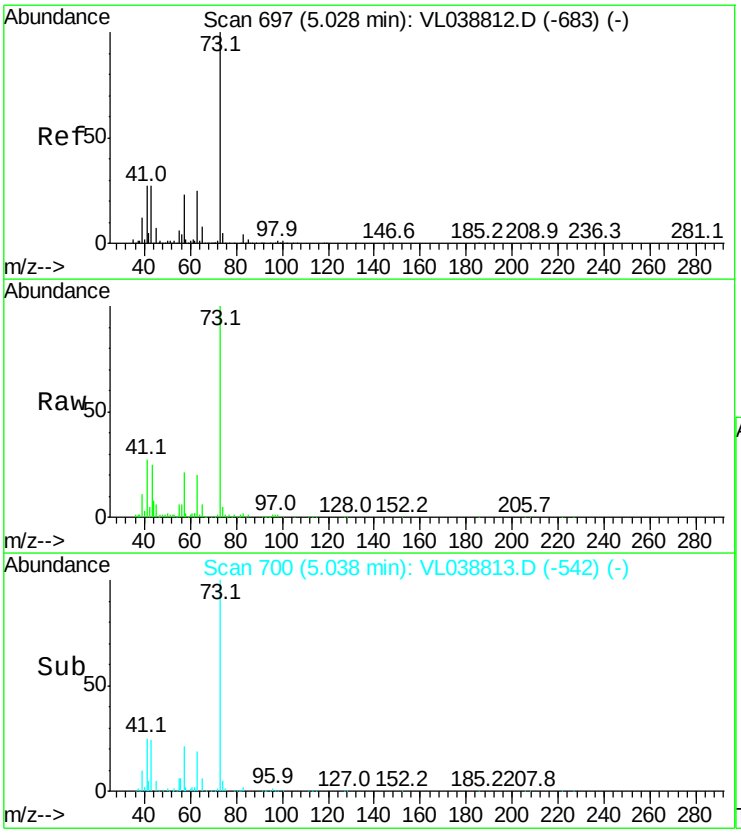
#27
Carbon Disulfide
Concen: 2.29 ppbv
RT: 4.55
Delta R.T
Lab File:
Acq: 5 Apr 2022 16:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 76 Resp: 323279

Ion	Ratio	Lower	Upper
76	100		
44	23.1	15.7	23.5
78	10.8	7.8	11.8

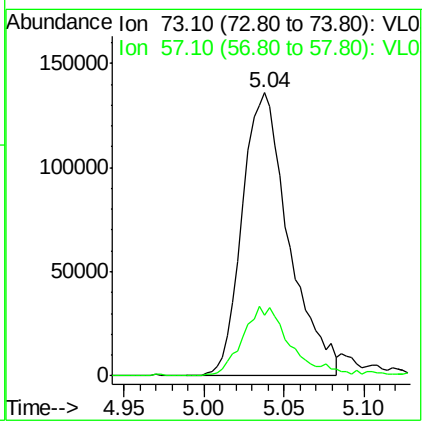


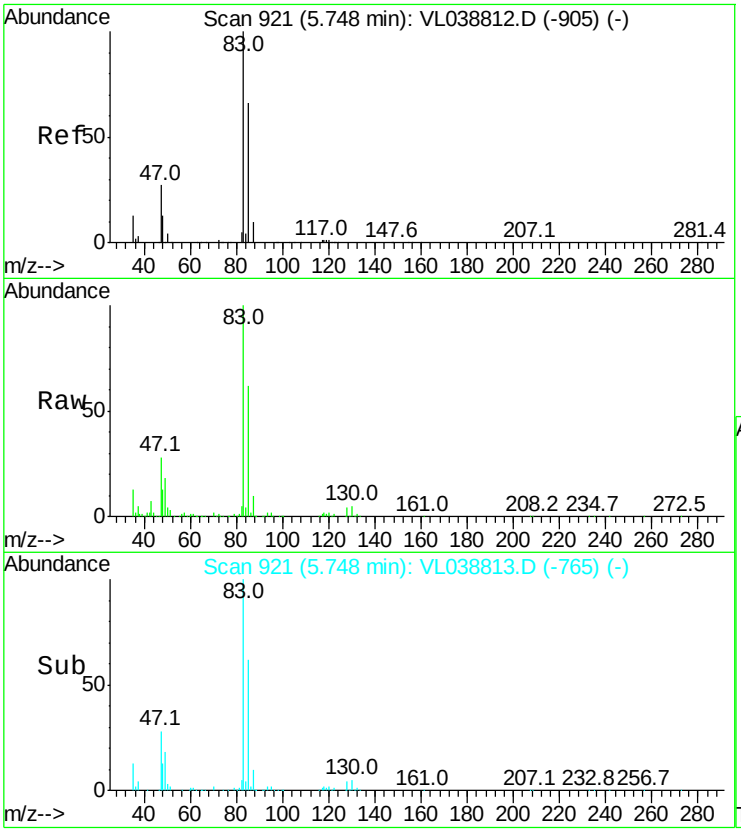


#28
Methyl tert-Butyl Ether
Concen: 2.52 ppbv
RT: 5.04 min Scan# 700
Delta R.T. 0.01 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Tgt Ion: 73 Resp: 270713

Ion	Ratio	Lower	Upper
73	100		
57	26.2	19.7	29.5



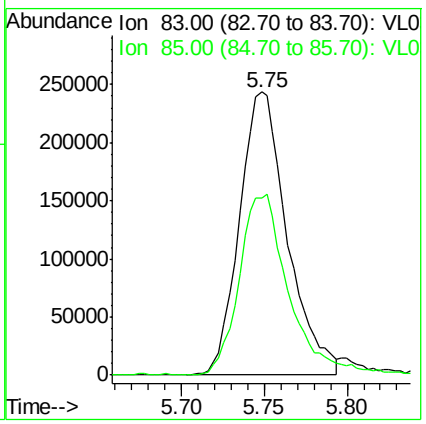


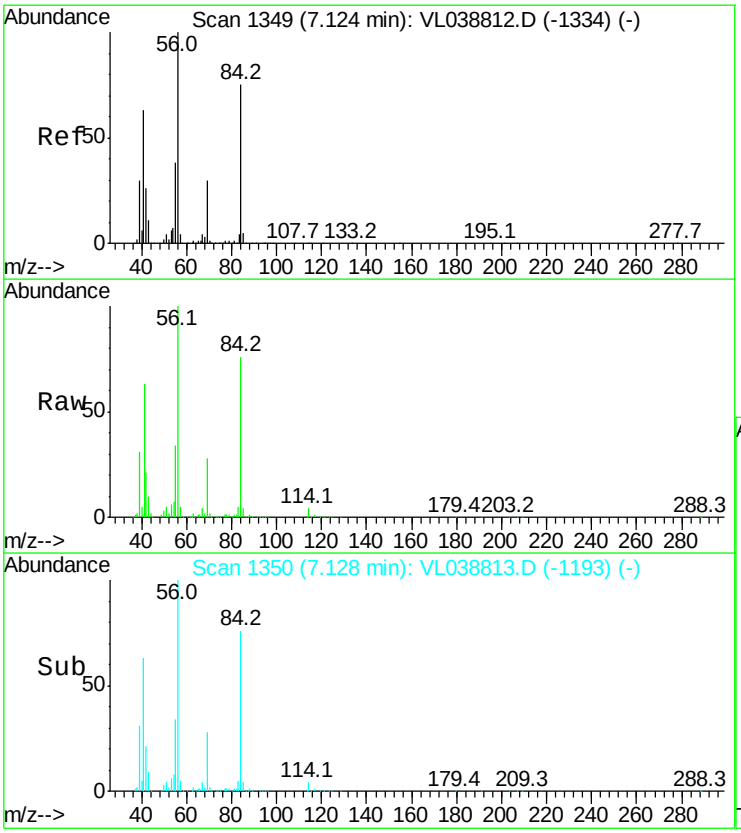
#29
Chloroform
Concen: 2.11 ppbv
RT: 5.75
Delta R.T
Lab File:
Acq: 5 Apr 2022 16:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 83 Resp: 487837

Ion	Ratio	Lower	Upper
83	100		
85	62.4	52.5	78.7

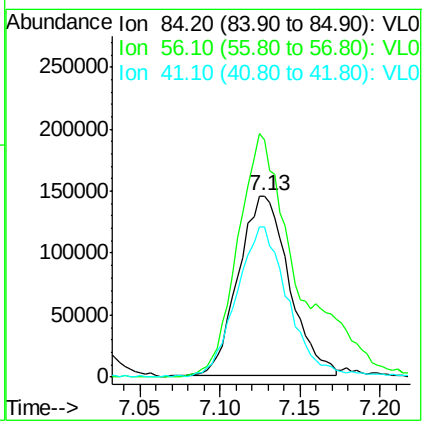


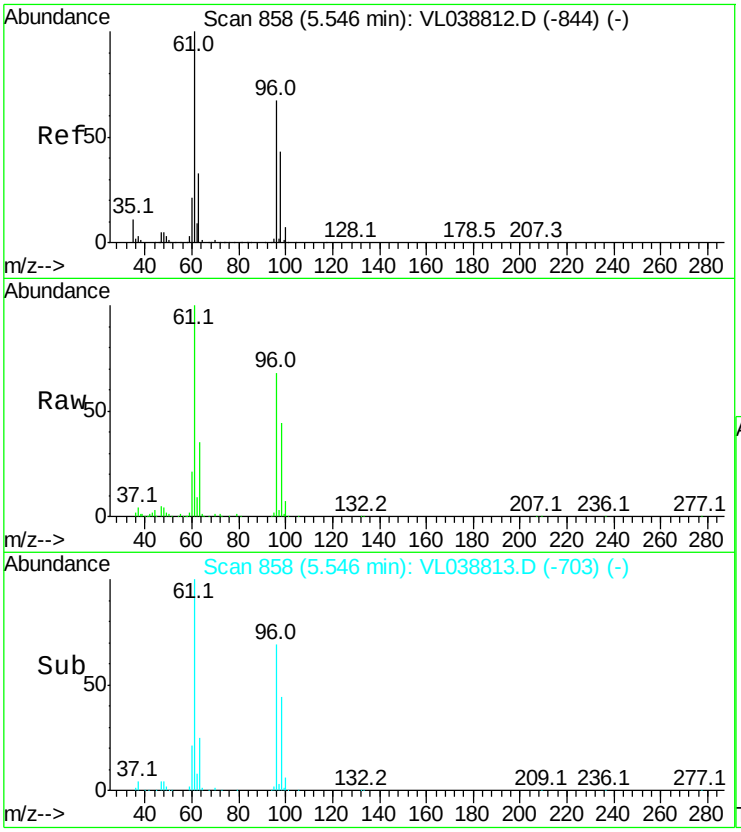


#30
Cyclohexane
Concen: 2.52 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Tgt Ion: 84 Resp: 315869

Ion	Ratio	Lower	Upper
84	100		
56	162.3	114.4	171.6
41	86.6	69.0	103.4



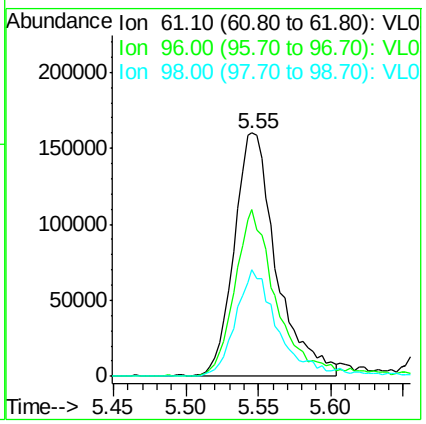


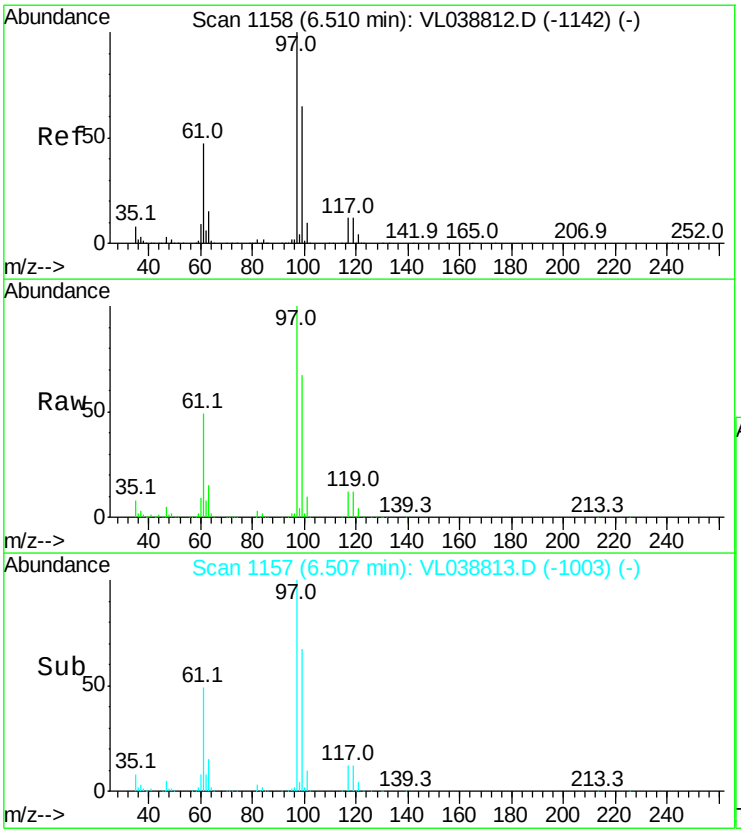
#31
cis-1,2-Dichloroethene
Concen: 2.38 ppbv
RT: 5.55
Delta R.T
Lab File:
Acq: 5 Apr 2022 16:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 61 Resp: 322801

Ion	Ratio	Lower	Upper
61	100		
96	68.6	53.4	80.0
98	43.9	34.2	51.4

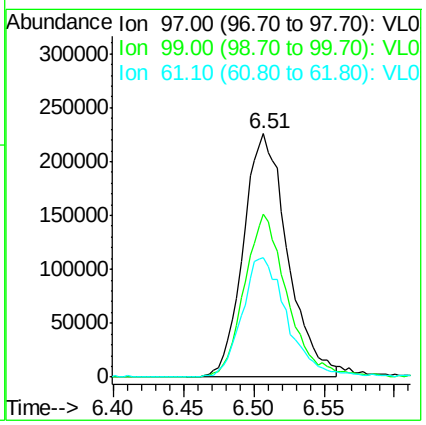


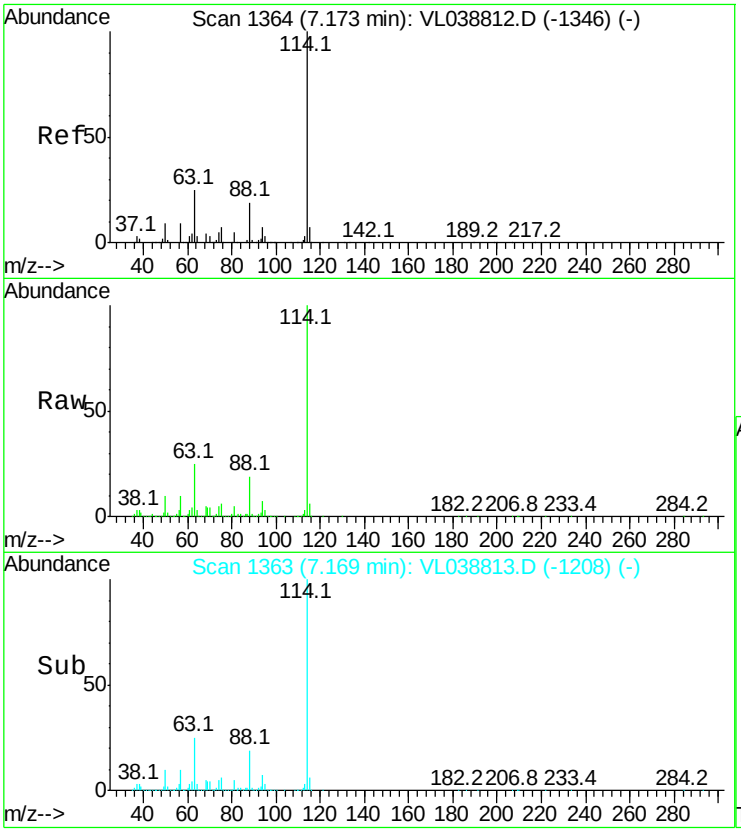


#32
1,1,1-Trichloroethane
Concen: 2.23 ppbv
RT: 6.51 min Scan# 1157
Delta R.T. -0.00 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Tgt Ion: 97 Resp: 496472

Ion	Ratio	Lower	Upper
97	100		
99	65.8	52.4	78.6
61	50.9	38.6	57.8



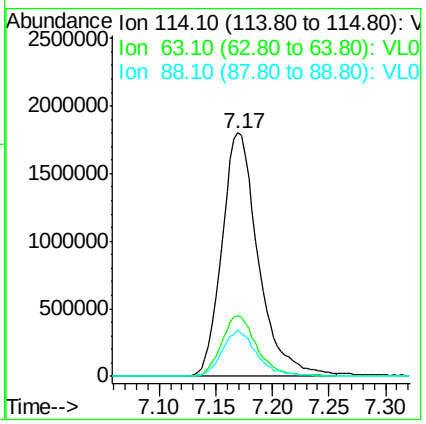


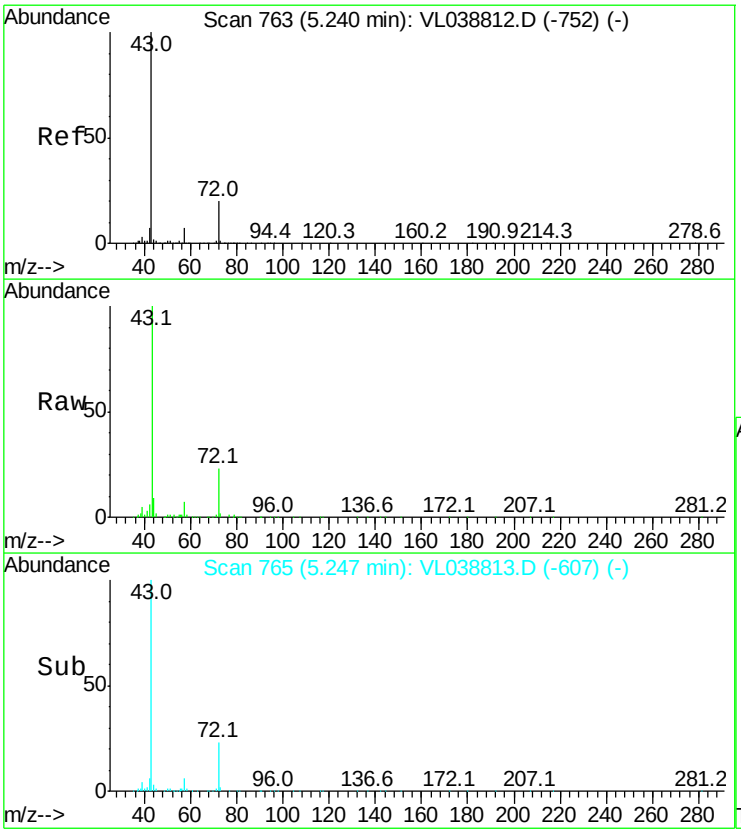
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 5 Apr 2022 16:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:114 Resp: 4029808

Ion	Ratio	Lower	Upper
114	100		
63	24.7	19.8	29.8
88	18.2	14.2	21.4

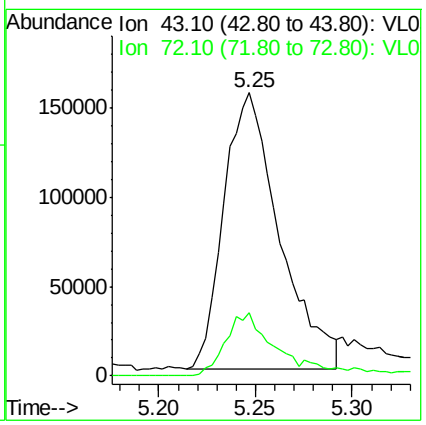


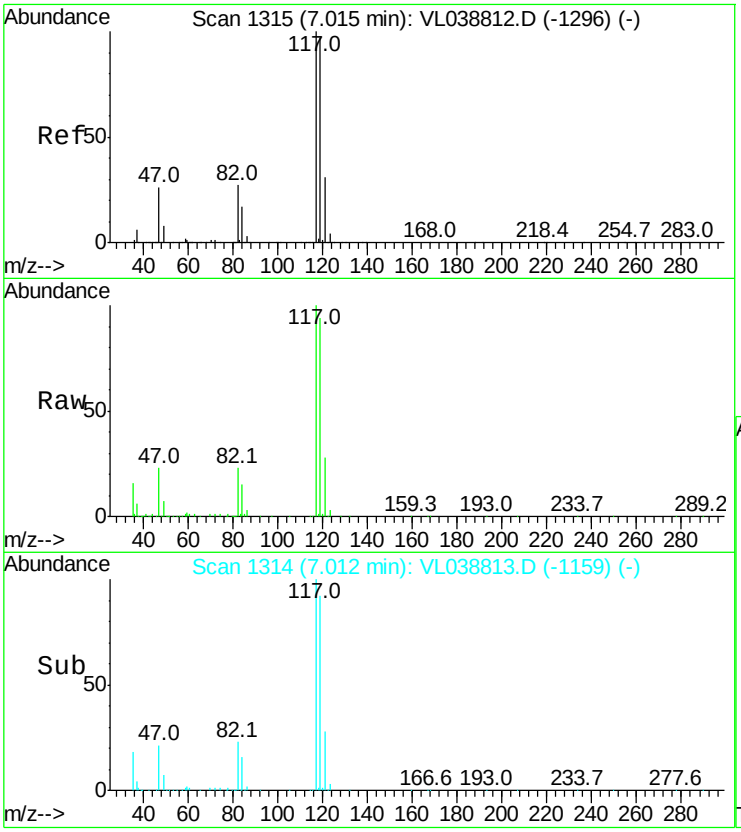


#34
2-Butanone
Concen: 1.94 ppbv
RT: 5.25 min Scan# 765
Delta R.T. 0.01 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Tgt Ion: 43 Resp: 309974

Ion	Ratio	Lower	Upper
43	100		
72	23.4	16.9	25.3



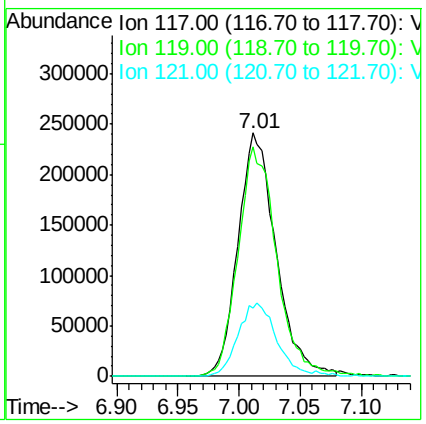


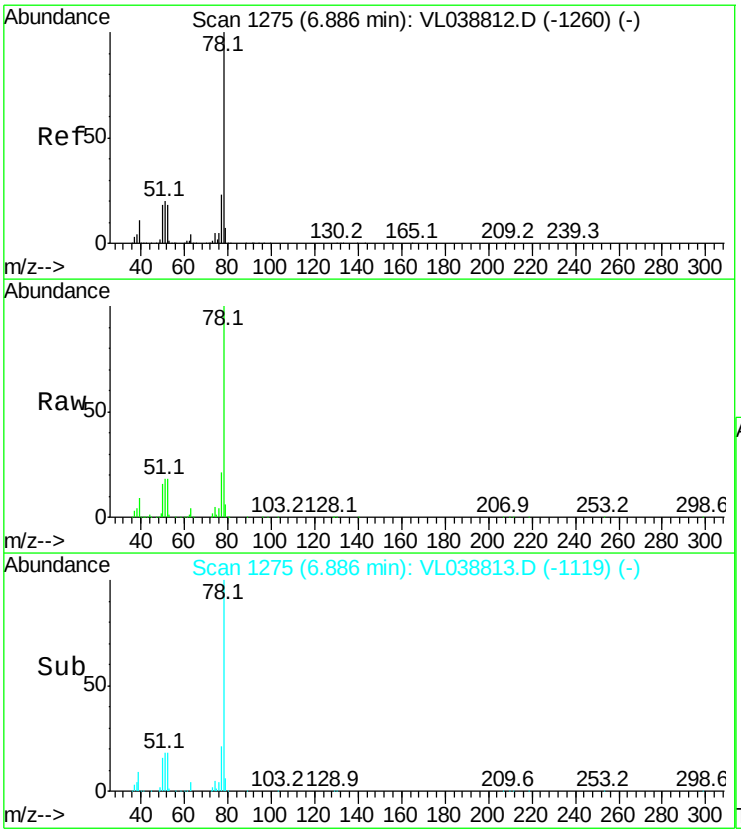
#35
Carbon Tetrachloride
Concen: 2.22 ppbv
RT: 7.01
Delta R.T
Lab File:
Acq: 5 Apr 2022 16:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:117 Resp: 518732

Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.7	116.5
121	28.0	24.5	36.7

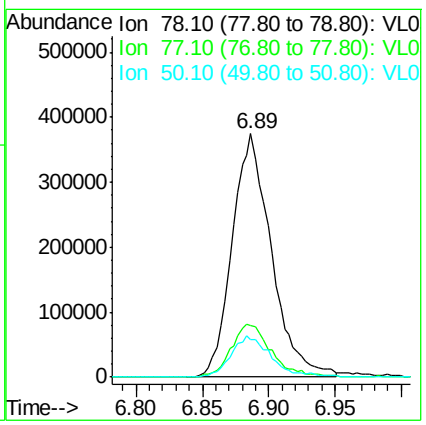


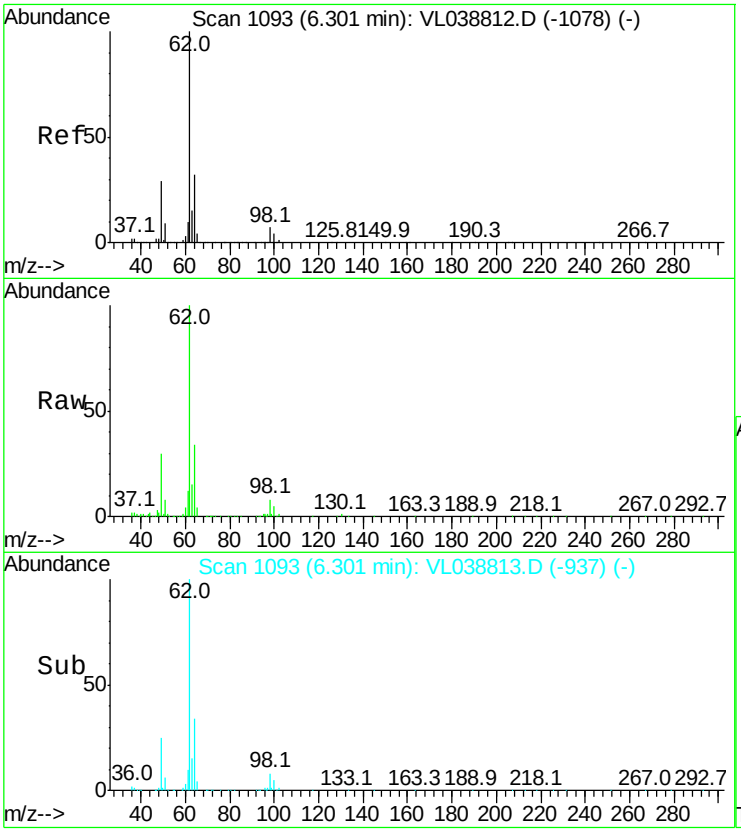


#36
Benzene
Concen: 2.47 ppbv
RT: 6.89 min Scan# 1275
Delta R.T. -0.00 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Tgt Ion: 78 Resp: 767791

Ion	Ratio	Lower	Upper
78	100		
77	21.2	18.2	27.2
50	15.6	14.0	21.0



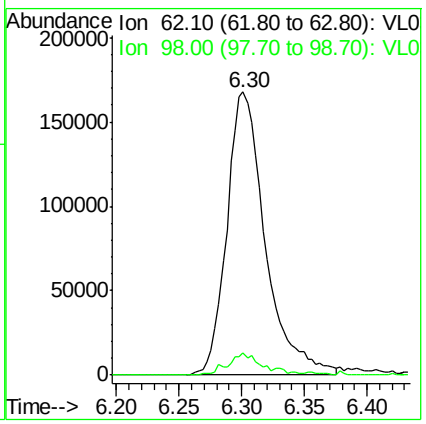


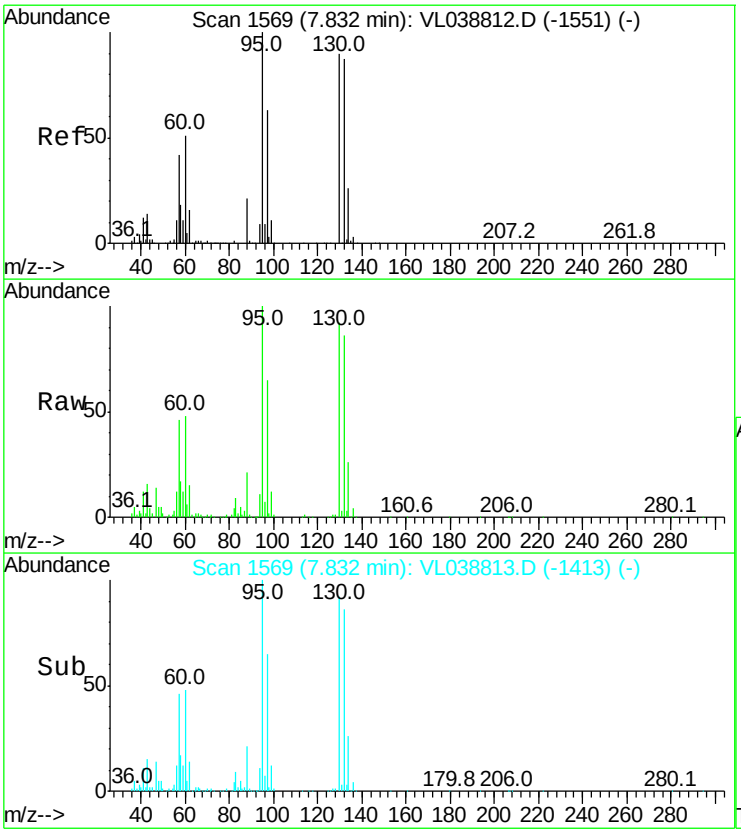
#37
1,2-Dichloroethane
Concen: 2.26 ppbv
RT: 6.30
Delta R.T
Lab File:
Acq: 5 Apr 2022 16:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 62 Resp: 357330

Ion	Ratio	Lower	Upper
62	100		
98	7.0	5.9	8.9

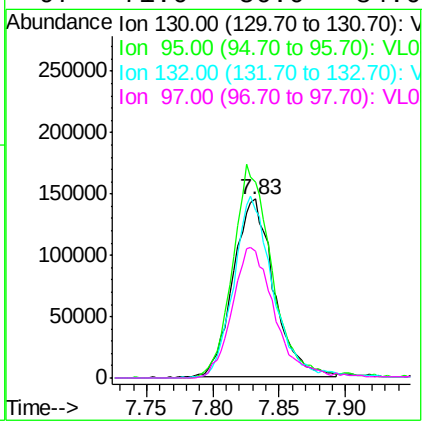


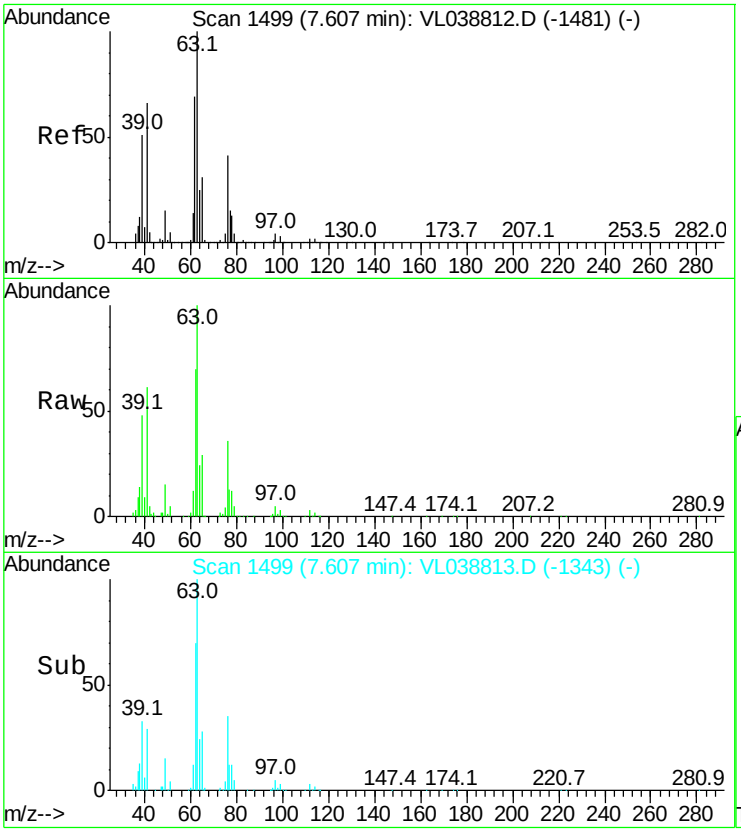


#38
Trichloroethene
Concen: 2.39 ppbv
RT: 7.83 min Scan# 1569
Delta R.T. -0.00 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Tgt Ion:130 Resp: 311700

Ion	Ratio	Lower	Upper
130	100		
95	109.5	89.4	134.0
132	93.9	77.7	116.5
97	71.0	56.0	84.0



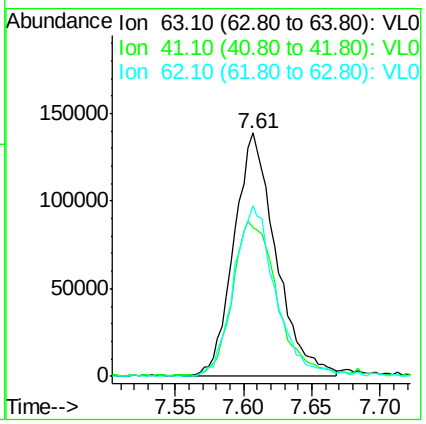


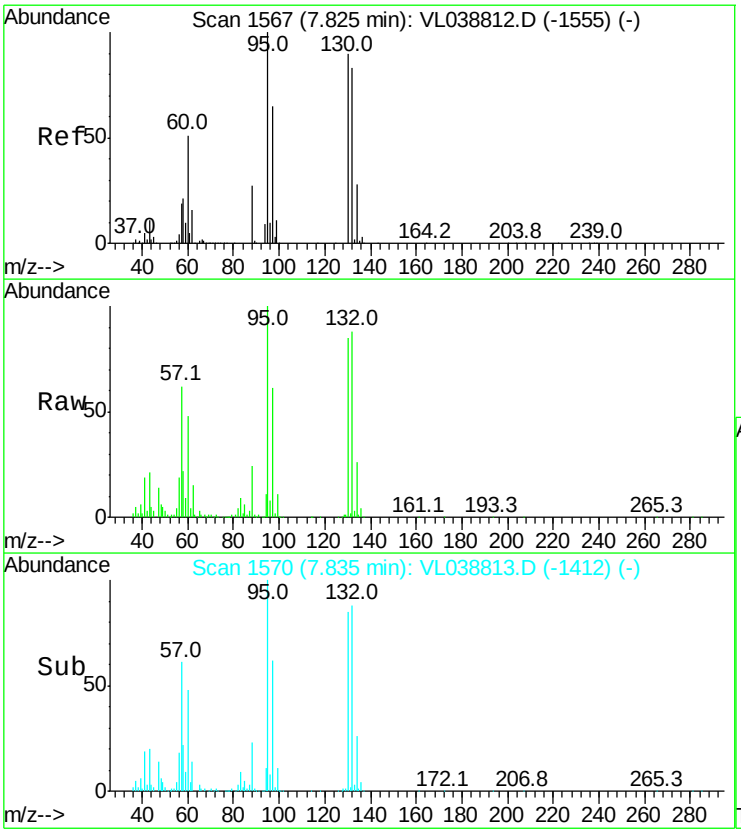
#39
1,2-Dichloropropane
Concen: 2.43 ppbv
RT: 7.61
Delta R.T
Lab File:
Acq: 5 Apr 2022 16:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 63 Resp: 295275

Ion	Ratio	Lower	Upper
63	100		
41	60.8	53.0	79.6
62	70.0	55.0	82.4

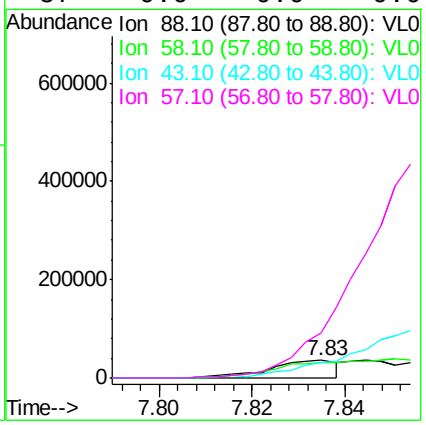


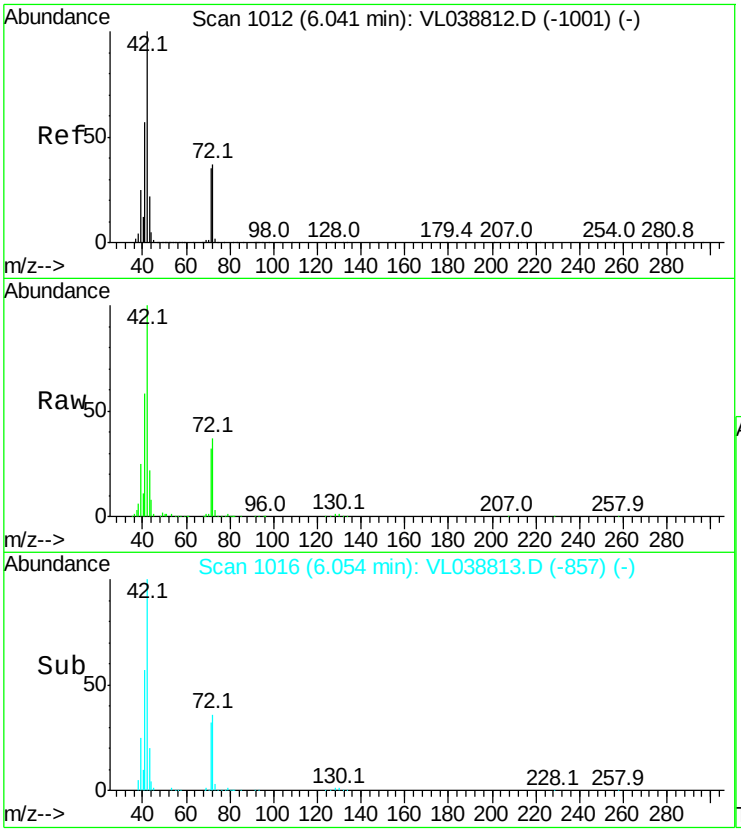


#40
1,4-Dioxane
Concen: 0.86 ppbv
RT: 7.83 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Tgt Ion: 88 Resp: 36236

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



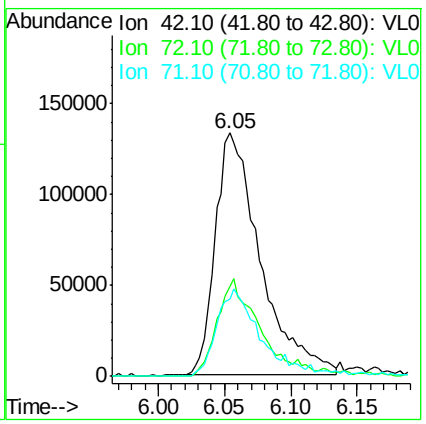


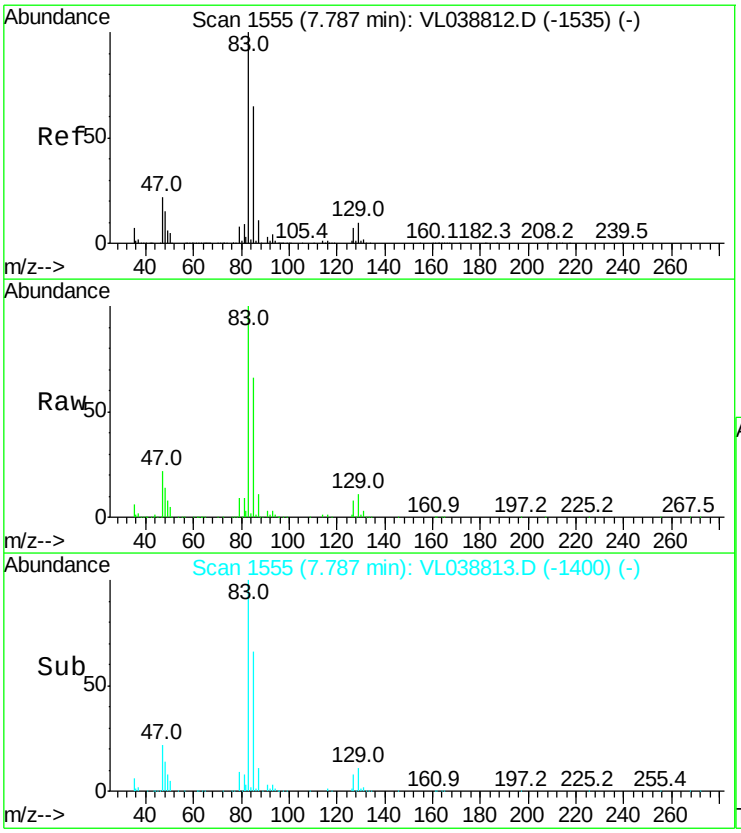
#41
Tetrahydrofuran
Concen: 2.64 ppbv
RT: 6.05
Delta R.T
Lab File:
Acq: 5 Apr 2022 16:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 42 Resp: 313338

Ion	Ratio	Lower	Upper
42	100		
72	41.0	31.4	47.0
71	37.3	30.2	45.4

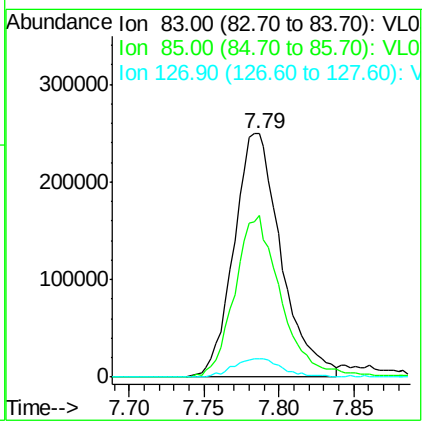


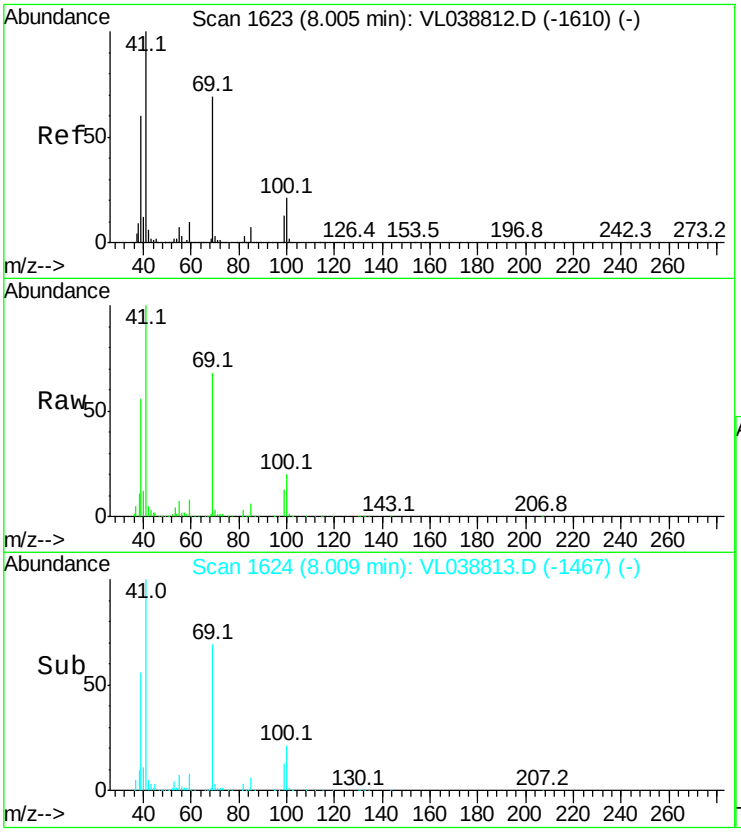


#42
Bromodichloromethane
Concen: 2.30 ppbv
RT: 7.79 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Tgt Ion: 83 Resp: 545378

Ion	Ratio	Lower	Upper
83	100		
85	66.3	51.7	77.5
127	7.8	5.9	8.9



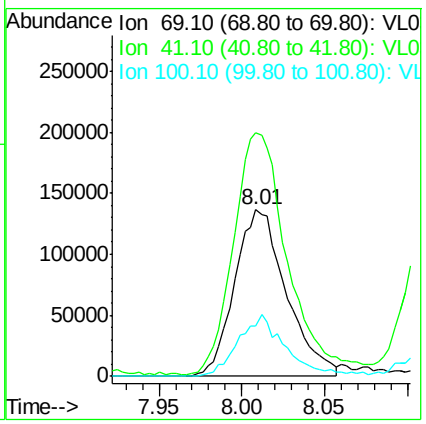


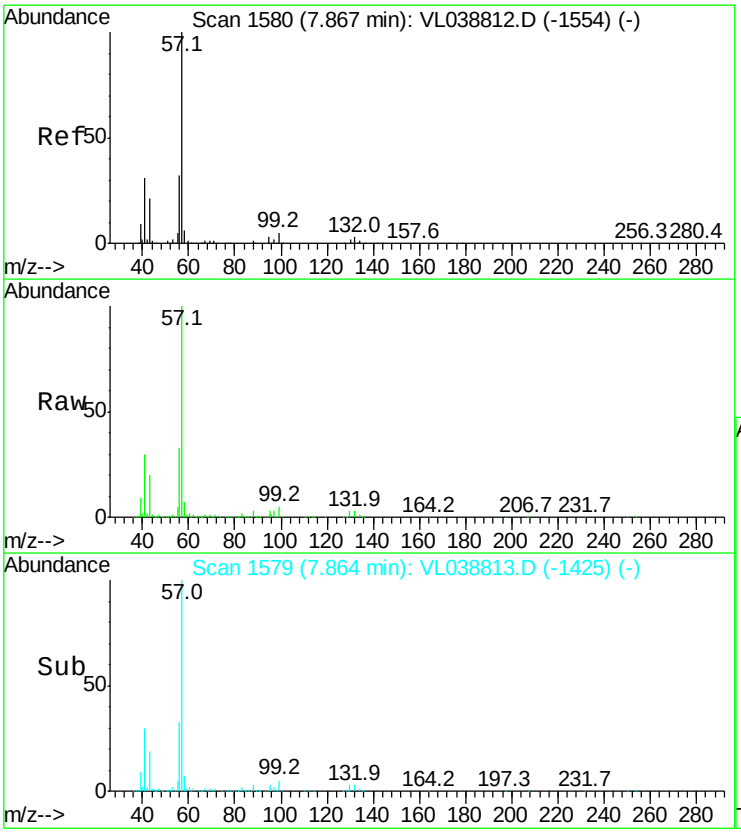
#43
Methyl Methacrylate
Concen: 2.57 ppbv
RT: 8.01
Delta R.T
Lab File:
Acq: 5 Apr 2022 16:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 69 Resp: 296471

Ion	Ratio	Lower	Upper
69	100		
41	153.7	119.0	178.4
100	33.8	26.4	39.6

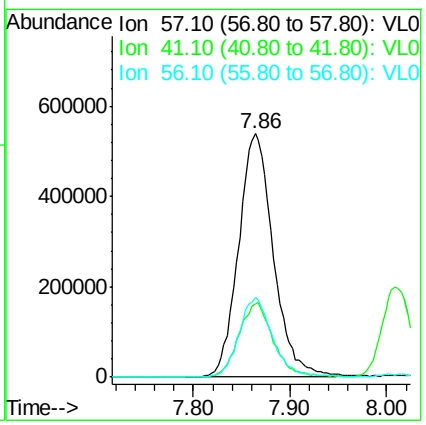


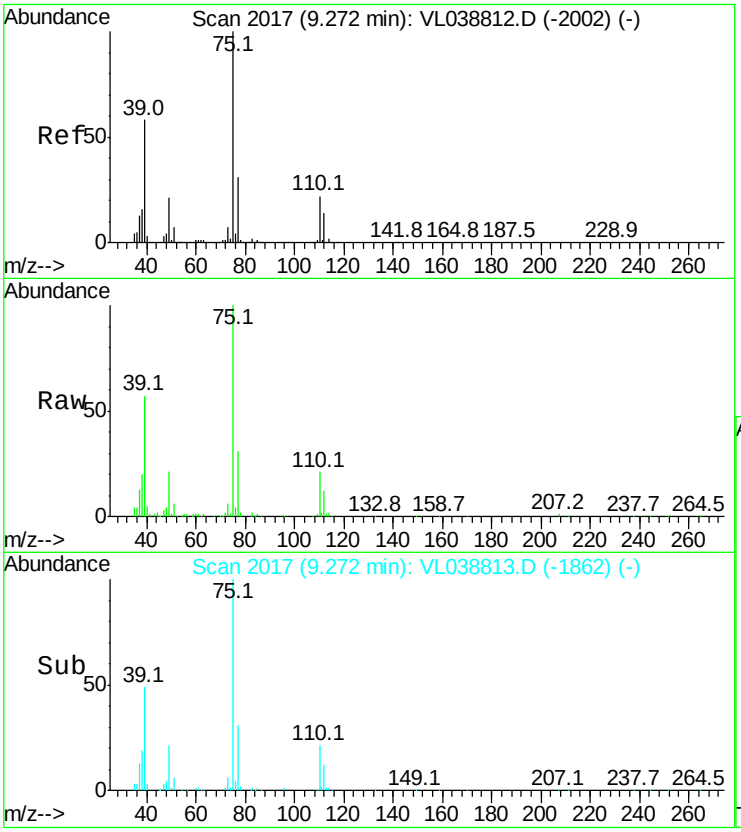


#44
2,2,4-Trimethylpentane
Concen: 2.58 ppbv
RT: 7.86 min Scan# 1579
Delta R.T. -0.00 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Tgt Ion: 57 Resp: 1349411

Ion	Ratio	Lower	Upper
57	100		
41	30.0	25.0	37.4
56	31.7	25.3	37.9



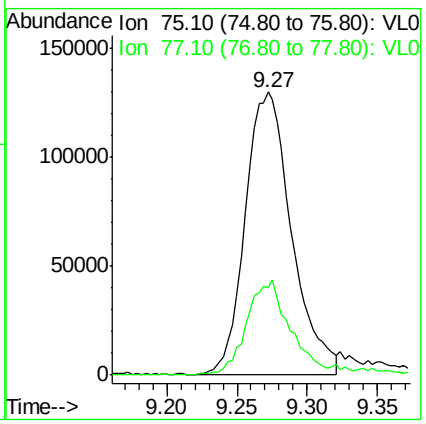


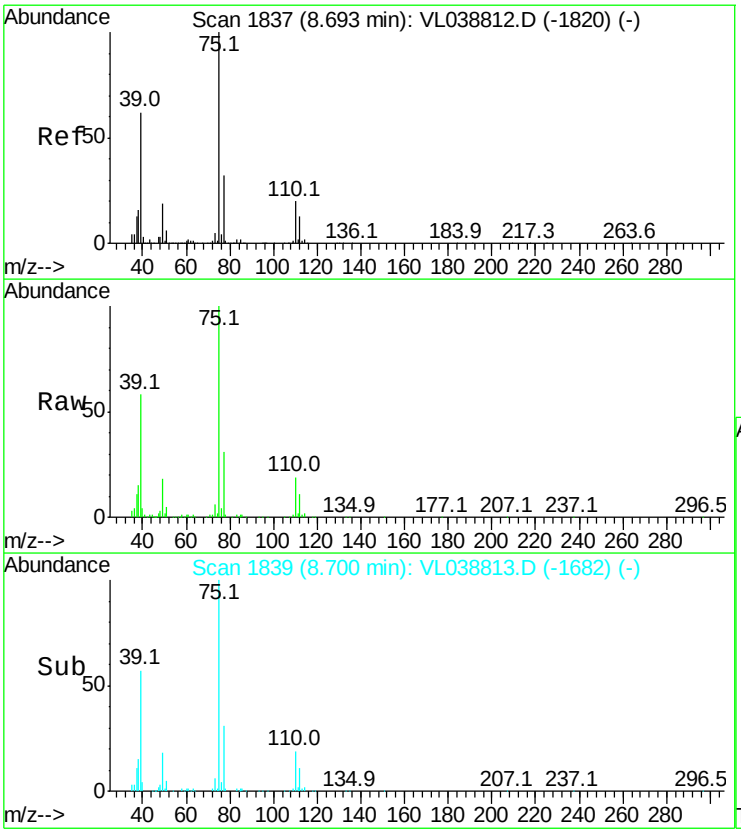
#45
t-1,3-Dichloropropene
Concen: 2.55 ppbv
RT: 9.27
Delta R.T
Lab File:
Acq: 5 Apr 2022 16:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 75 Resp: 299746

Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.0	37.4

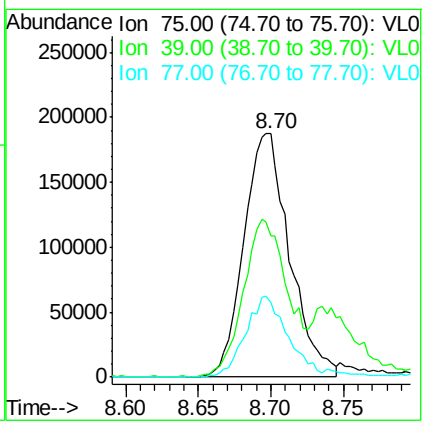


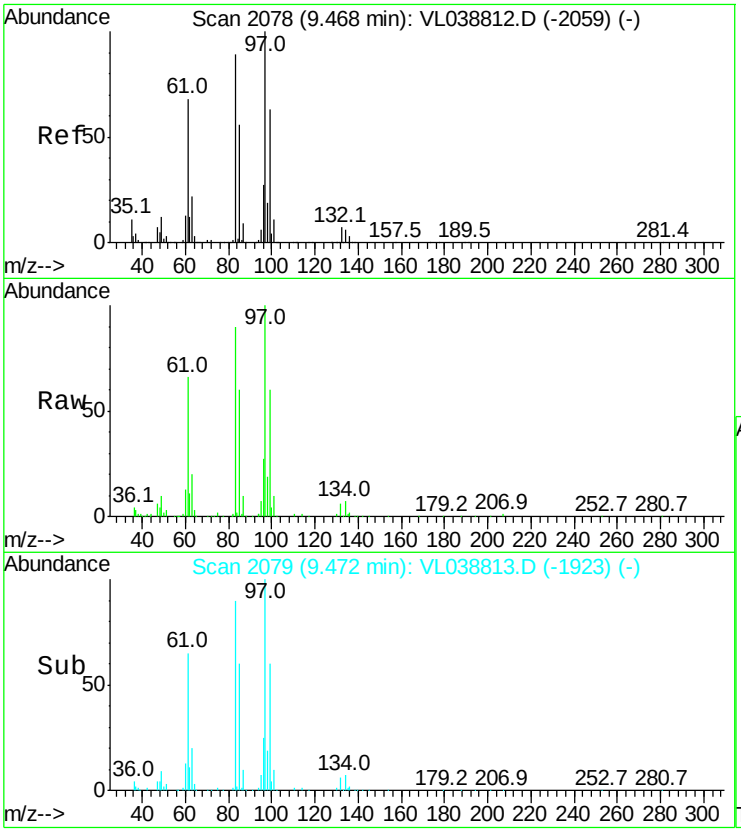


#46
cis-1,3-Dichloropropene
Concen: 2.59 ppbv
RT: 8.70 min Scan# 1839
Delta R.T. 0.01 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Tgt Ion: 75 Resp: 411797

Ion	Ratio	Lower	Upper
75	100		
39	57.8	49.7	74.5
77	30.9	25.6	38.4



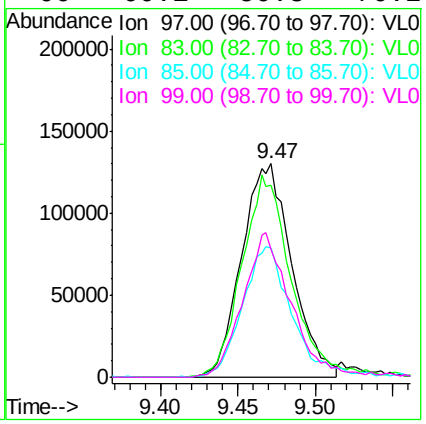


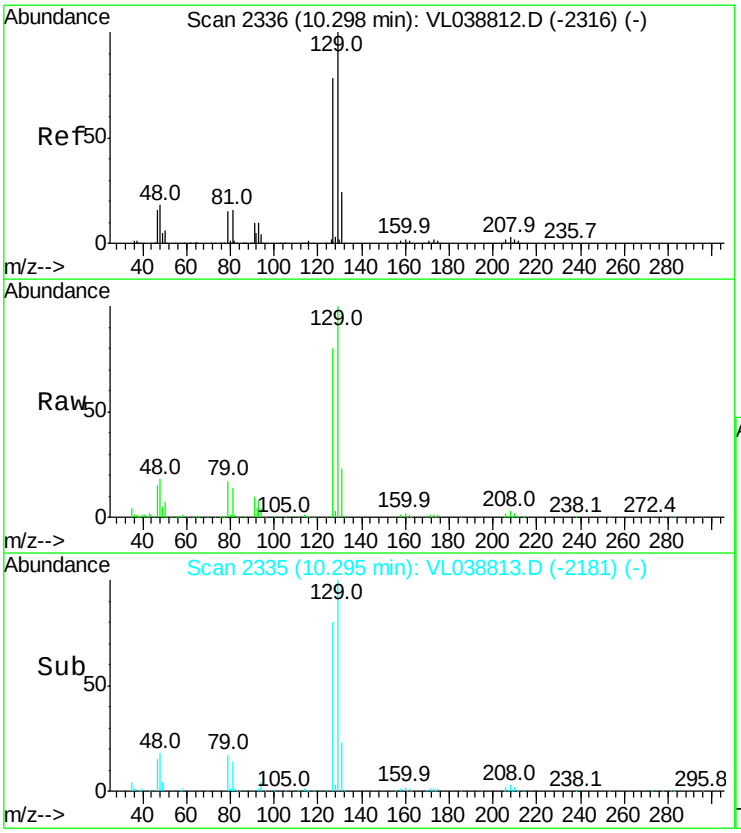
#47
1,1,2-Trichloroethane
Concen: 2.26 ppbv
RT: 9.47
Delta R.T
Lab File:
Acq: 5 Apr 2022 16:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 97 Resp: 293966

Ion	Ratio	Lower	Upper
97	100		
83	89.8	71.1	106.7
85	60.4	45.1	67.7
99	60.1	50.8	76.2

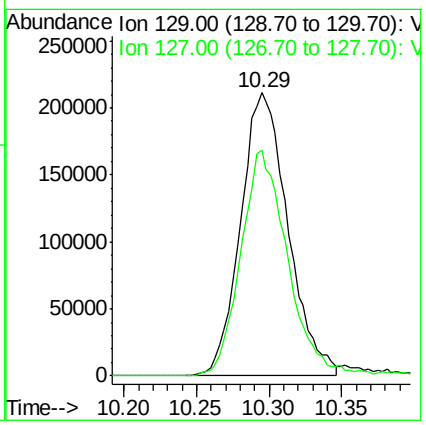


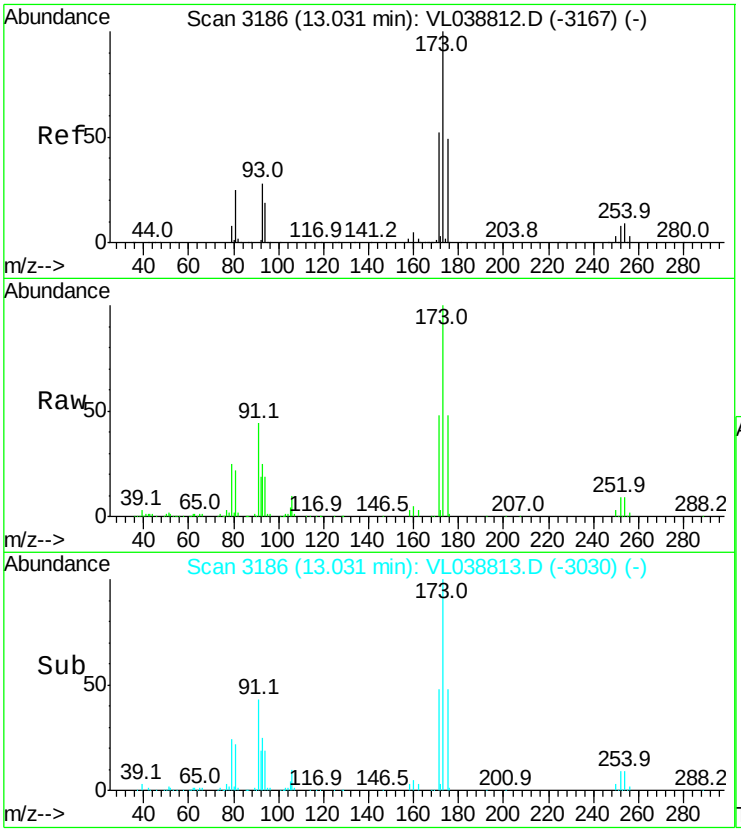


#48
Dibromochloromethane
Concen: 2.36 ppbv
RT: 10.29 min Scan# 2335
Delta R.T. -0.00 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Tgt Ion:129 Resp: 479152

Ion	Ratio	Lower	Upper
129	100		
127	80.2	38.9	116.6



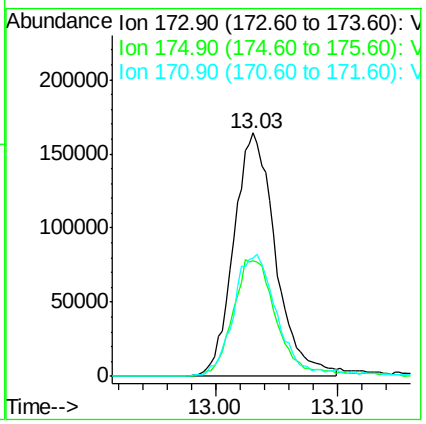


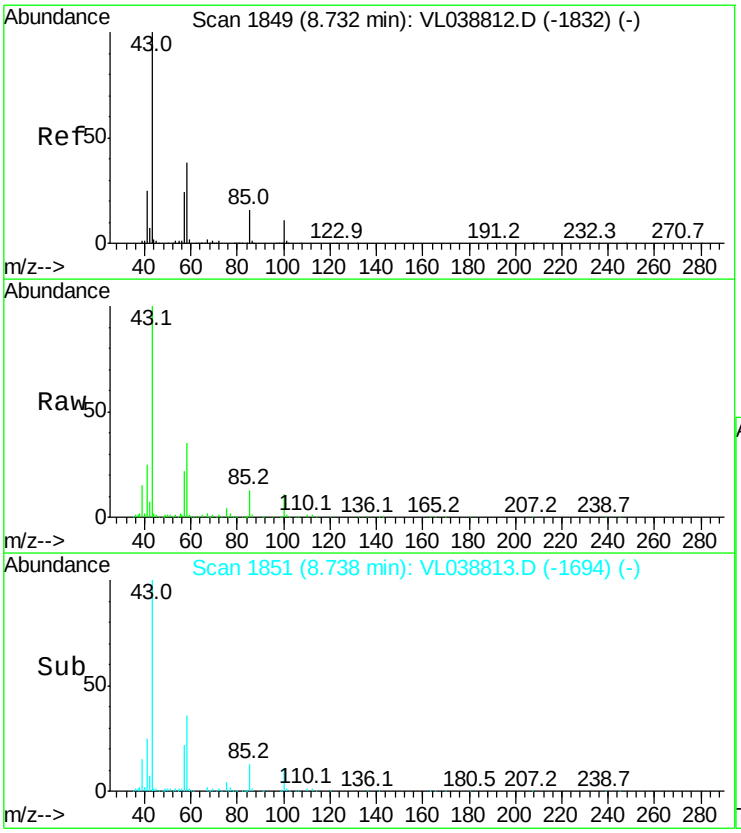
#49
Bromoform
Concen: 2.35 ppbv
RT: 13.03
Delta R.T
Lab File:
Acq: 5 Apr 2022 16:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:173 Resp: 388780

Ion	Ratio	Lower	Upper
173	100		
175	50.9	39.9	59.9
171	54.0	43.4	65.0

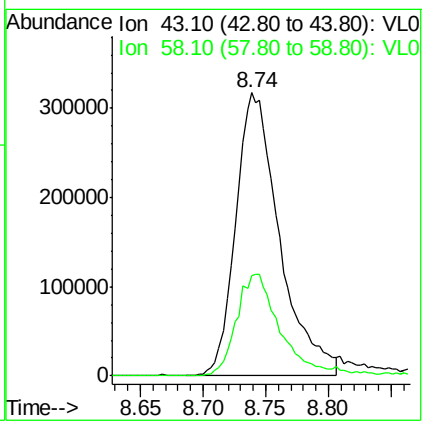


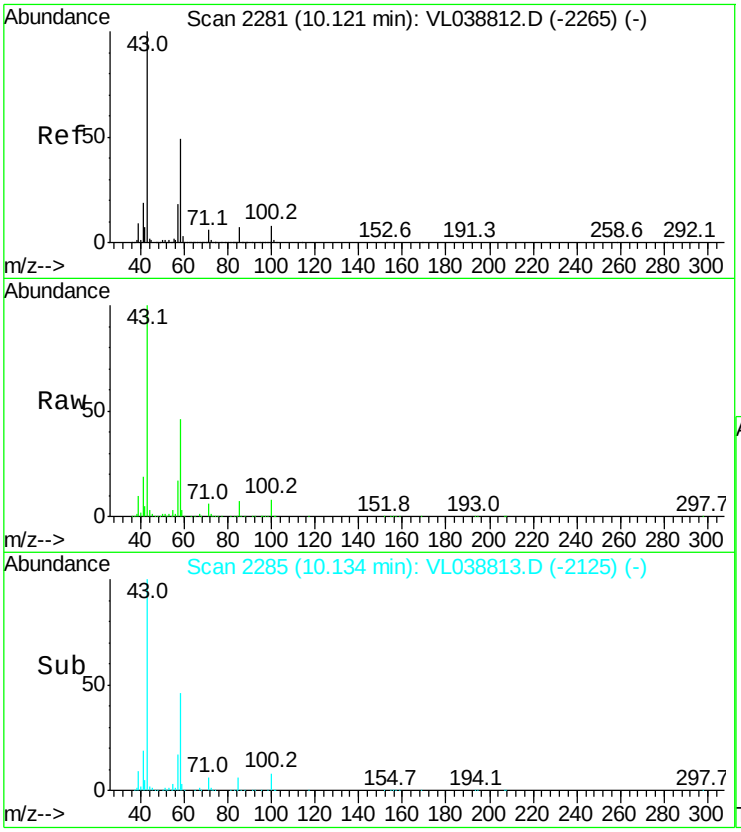


#50
4-Methyl-2-Pentanone
Concen: 2.60 ppbv
RT: 8.74 min Scan# 1851
Delta R.T. 0.01 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Tgt Ion: 43 Resp: 770176

Ion	Ratio	Lower	Upper
43	100		
58	36.4	29.0	43.6



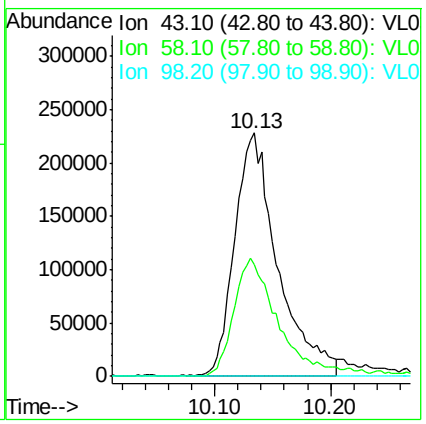


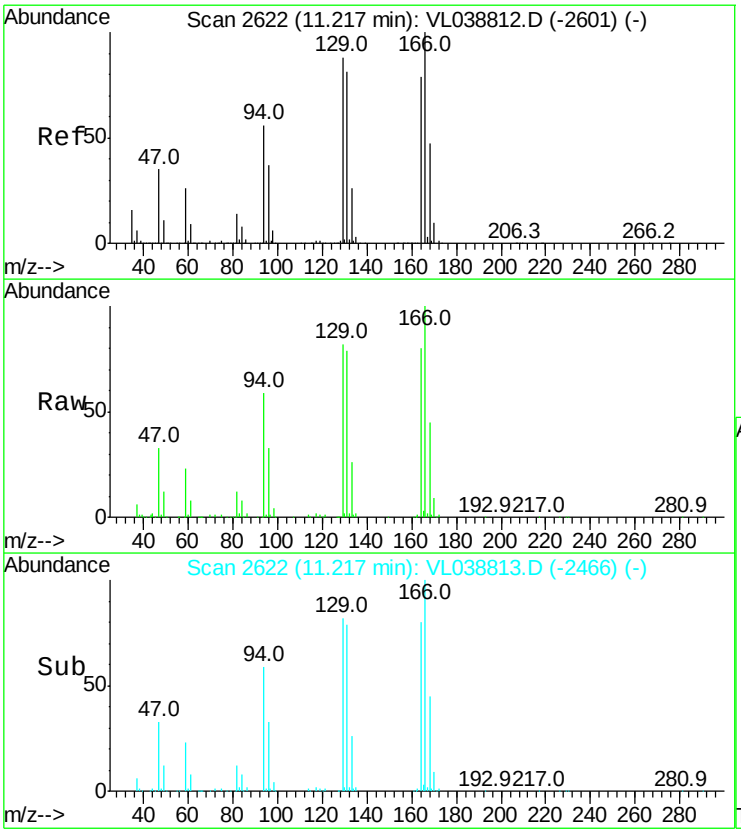
#51
2-Hexanone
Concen: 2.74 ppbv
RT: 10.13
Delta R.T
Lab File:
Acq: 5 Apr 2022 16:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 583114

Ion	Ratio	Lower	Upper
43	100		
58	52.1	41.4	62.0
98	0.2	0.1	0.1#

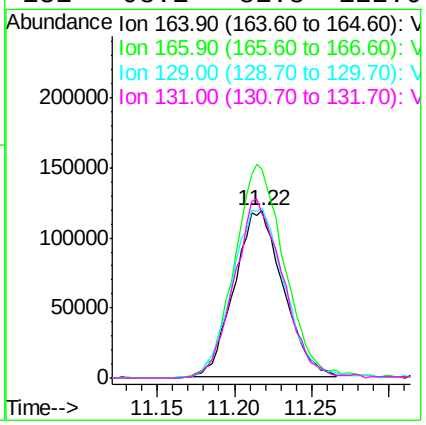


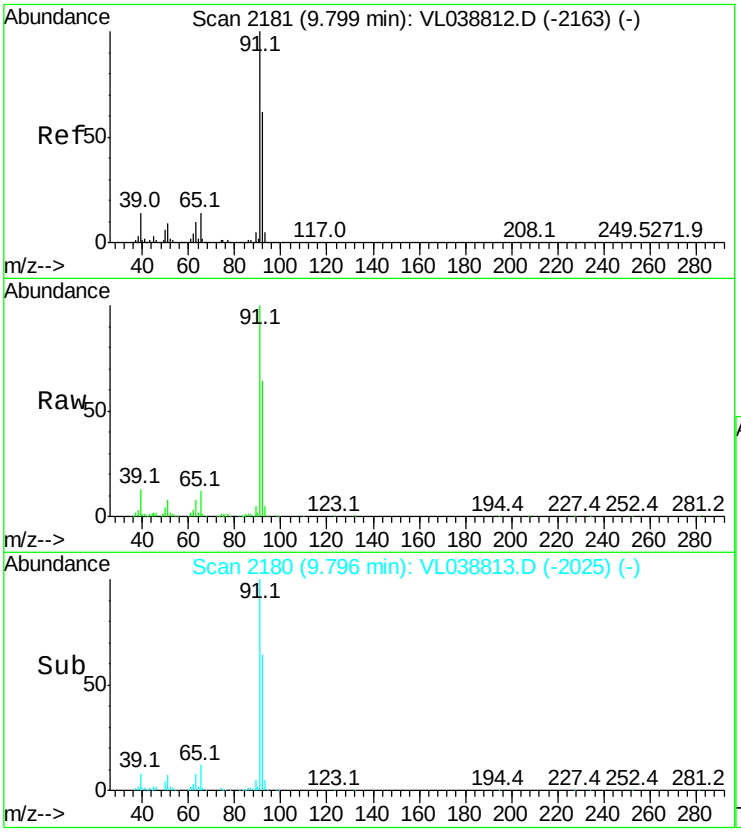


#52
Tetrachloroethene
Concen: 2.28 ppbv
RT: 11.22 min Scan# 2622
Delta R.T. -0.00 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Tgt Ion:164 Resp: 259927

Ion	Ratio	Lower	Upper
164	100		
166	124.8	101.0	151.6
129	102.1	88.7	133.1
131	98.1	81.8	122.6



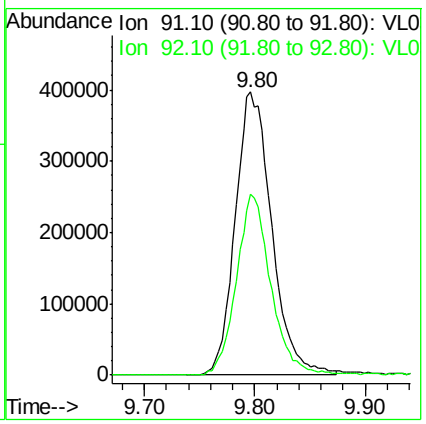


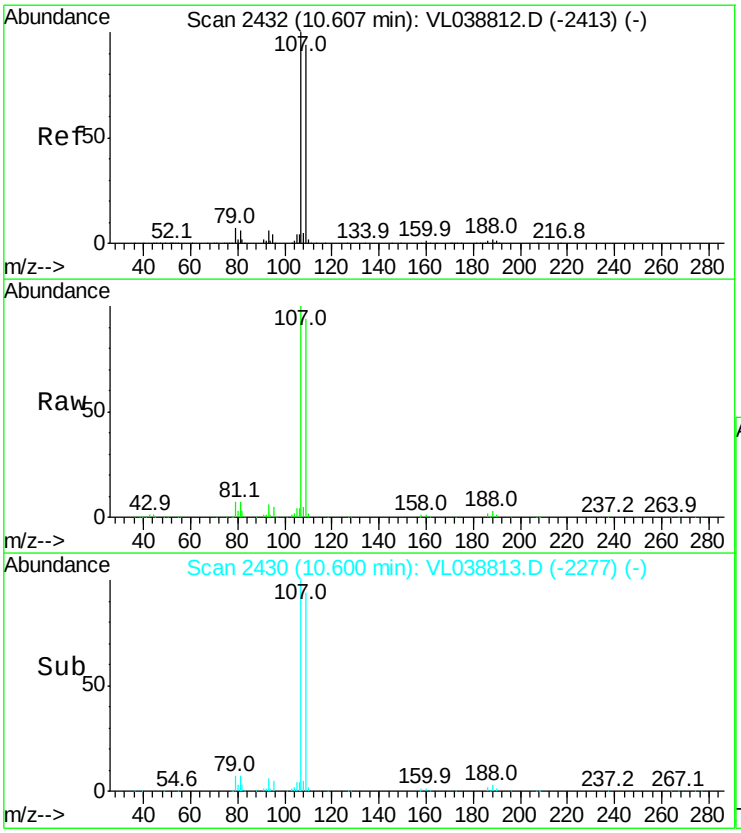
#53
Toluene
Concen: 2.73 ppbv
RT: 9.80
Delta R.T
Lab File:
Acq: 5 Apr 2022 16:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 911666

Ion	Ratio	Lower	Upper
91	100		
92	60.6	49.2	73.8

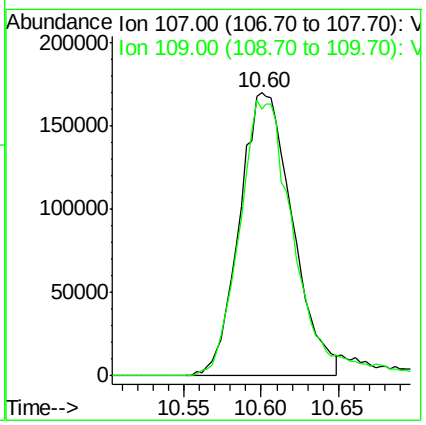


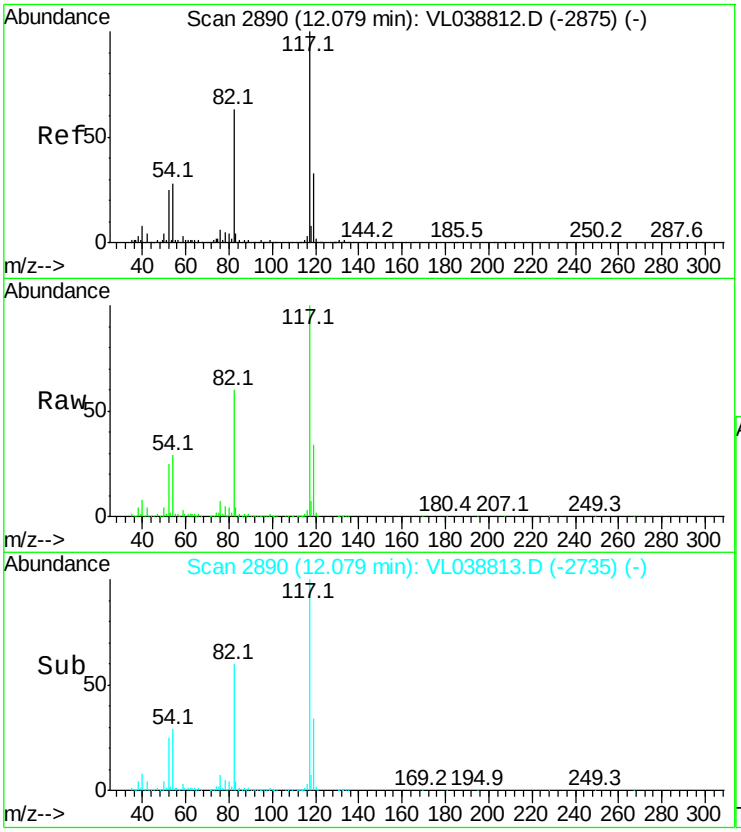


#54
1,2-Dibromoethane
Concen: 2.26 ppbv
RT: 10.60 min Scan# 2430
Delta R.T. -0.01 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Tgt Ion:107 Resp: 401427

Ion	Ratio	Lower	Upper
107	100		
109	94.7	75.5	113.3



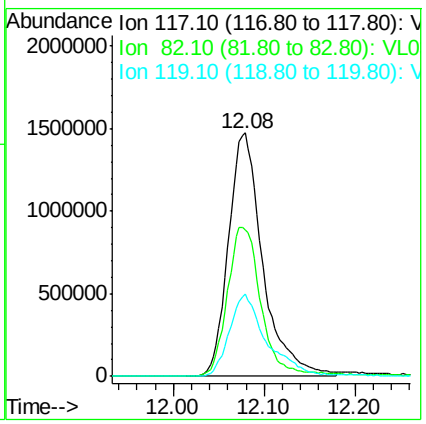


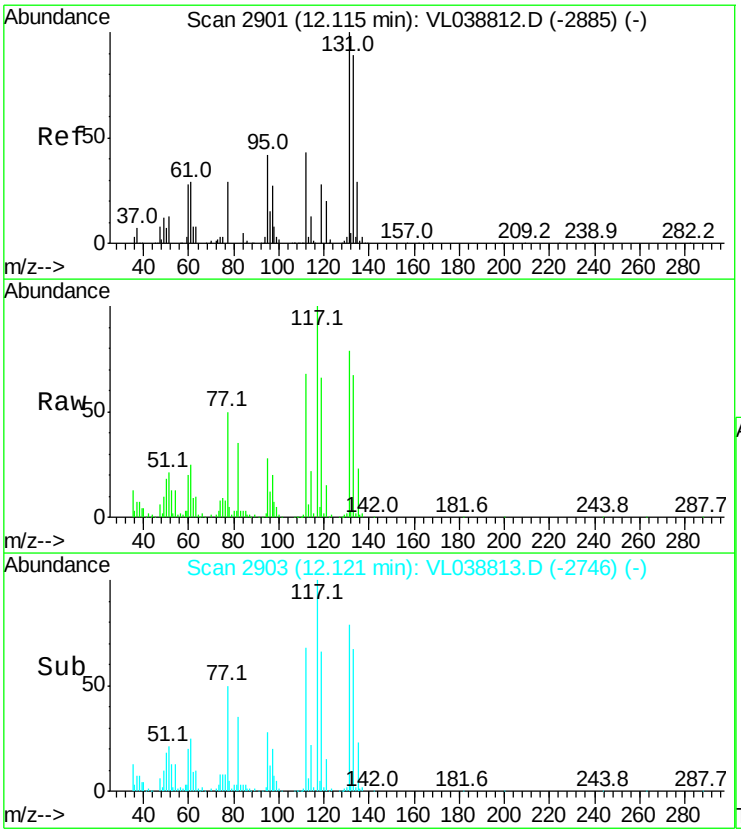
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.08
Delta R.T
Lab File:
Acq: 5 Apr 2022 16:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:117 Resp: 3874040

Ion	Ratio	Lower	Upper
117	100		
82	61.9	53.0	79.6
119	37.2	24.9	37.3

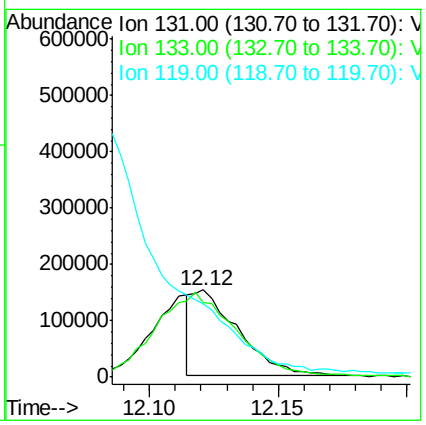


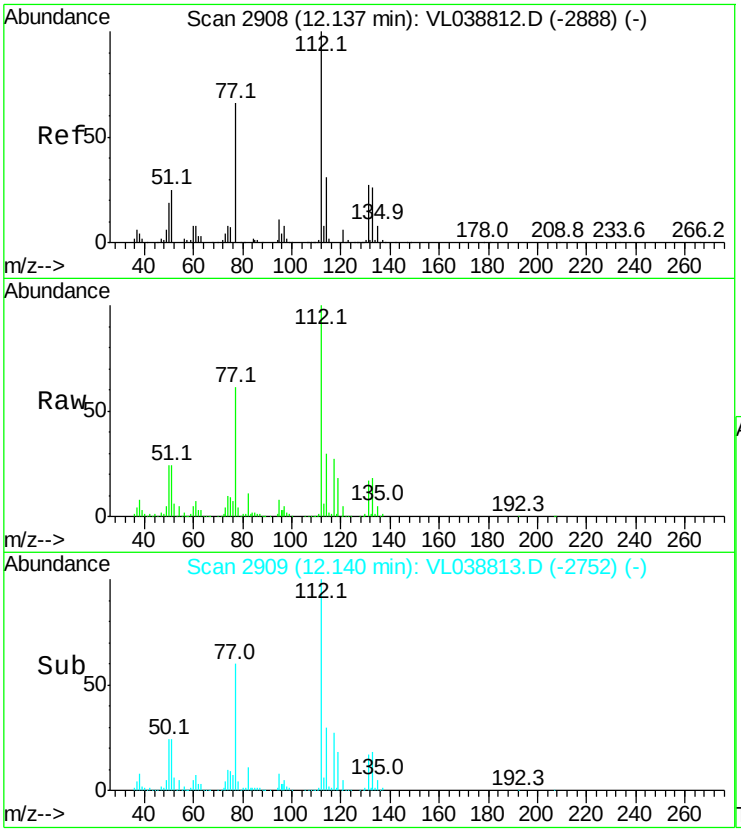


#56
1,1,1,2-Tetrachloroethane
Concen: 1.16 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. 0.01 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Tgt Ion:131 Resp: 186614

Ion	Ratio	Lower	Upper
131	100		
133	184.2	78.2	117.4#
119	772.8	58.6	87.8#



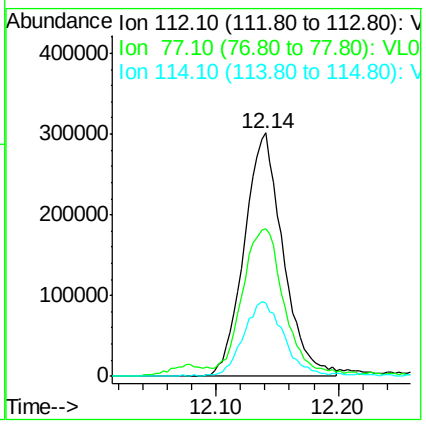


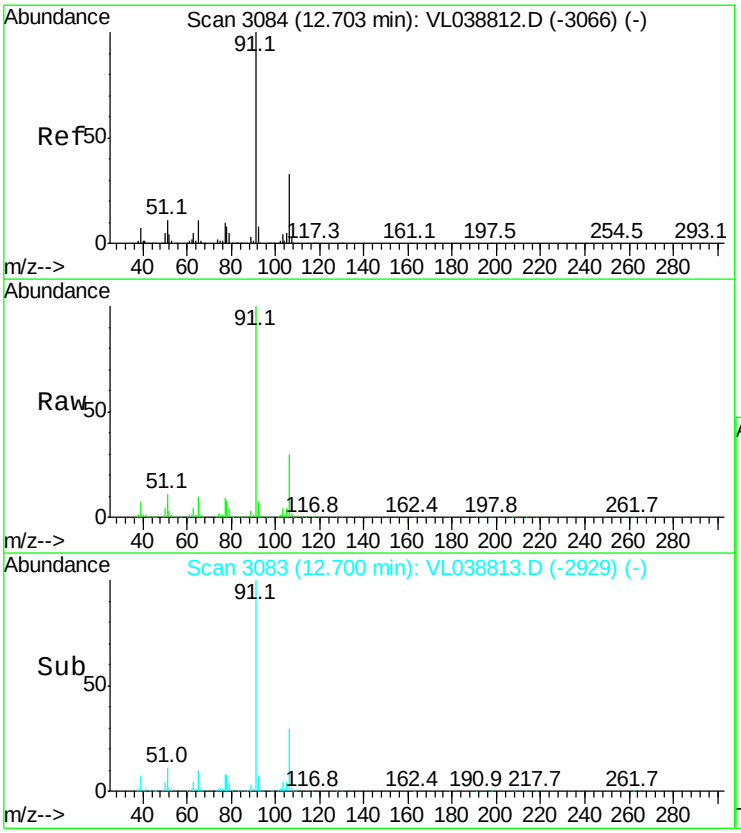
#57
Chlorobenzene
Concen: 2.37 ppbv
RT: 12.14
Delta R.T
Lab File:
Acq: 5 Apr 2022 16:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:112 Resp: 661542

Ion	Ratio	Lower	Upper
112	100		
77	58.9	52.4	78.6
114	30.2	28.1	34.3

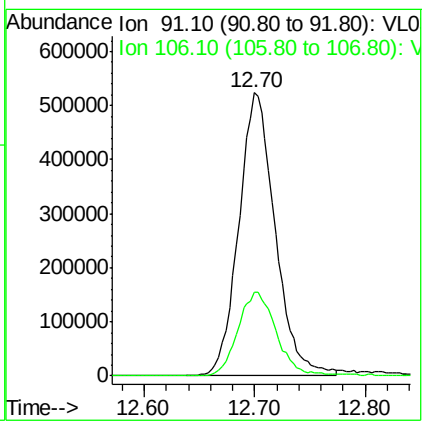


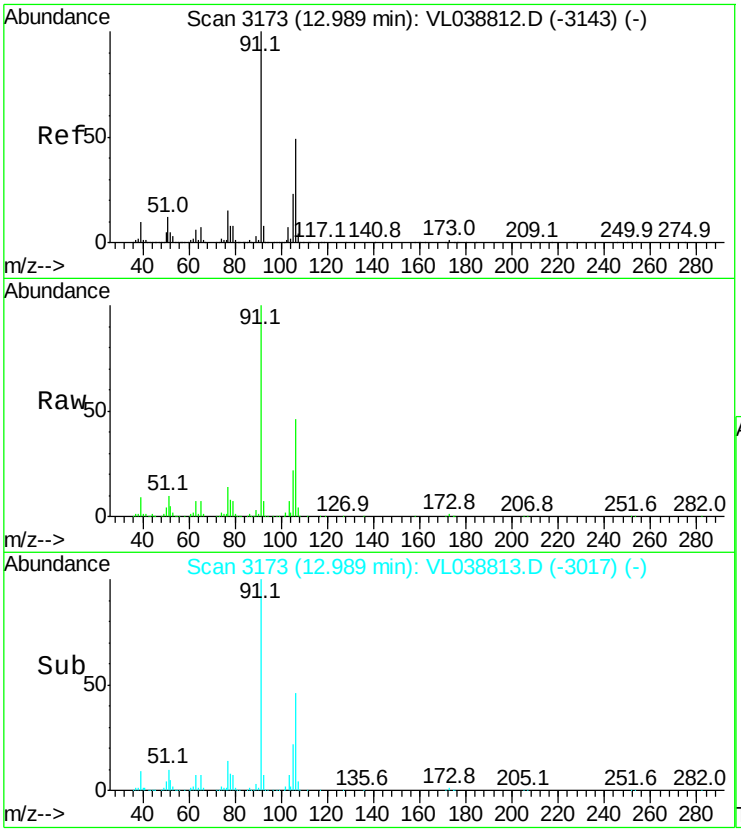


#58
Ethyl Benzene
Concen: 2.65 ppbv
RT: 12.70 min Scan# 3083
Delta R.T. -0.00 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Tgt Ion: 91 Resp: 1200065

Ion	Ratio	Lower	Upper
91	100		
106	29.5	26.7	40.1



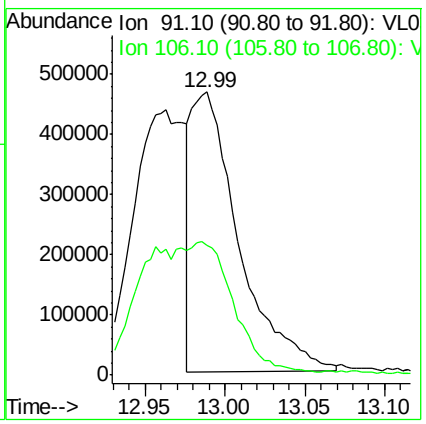


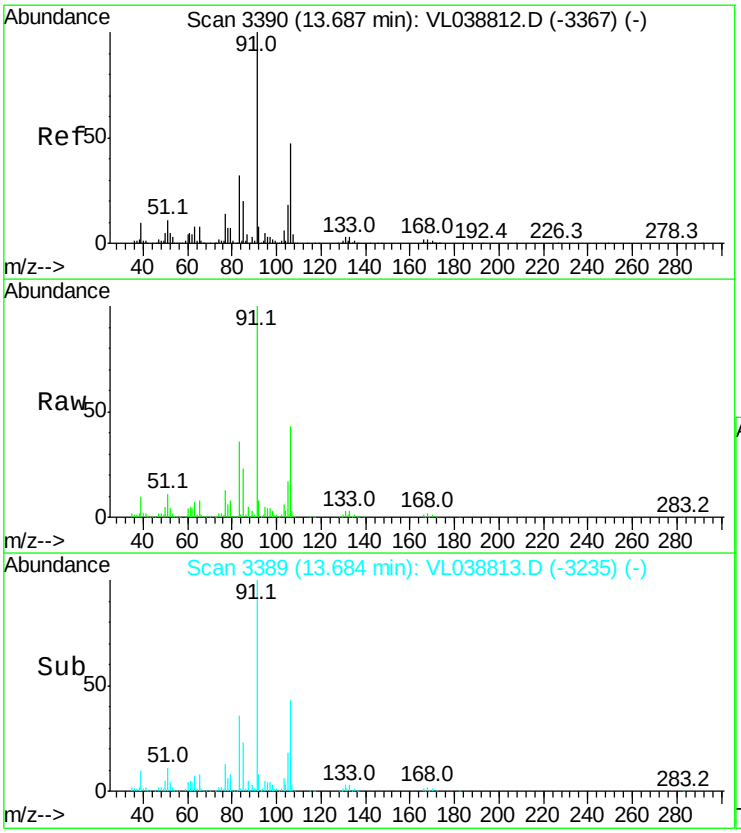
#59
m/p-Xylene
Concen: 2.43 ppbv
RT: 12.99
Delta R.T
Lab File:
Acq: 5 Apr 2022 16:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 963873

Ion	Ratio	Lower	Upper
91	100		
106	95.2	37.1	55.7#

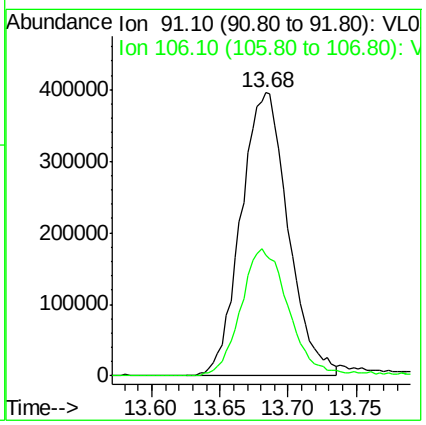


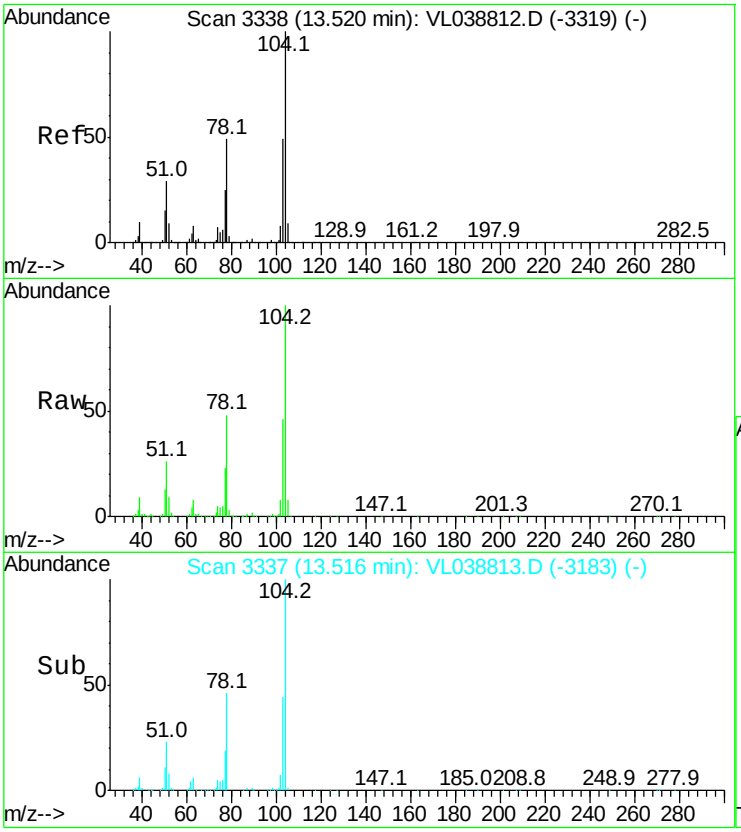


#60
o-Xylene
Concen: 2.52 ppbv
RT: 13.68 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Tgt Ion: 91 Resp: 949727

Ion	Ratio	Lower	Upper
91	100		
106	46.5	23.8	71.4



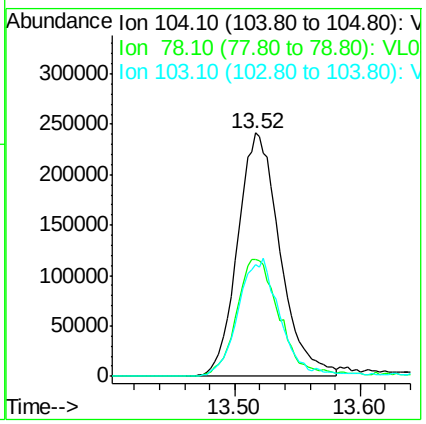


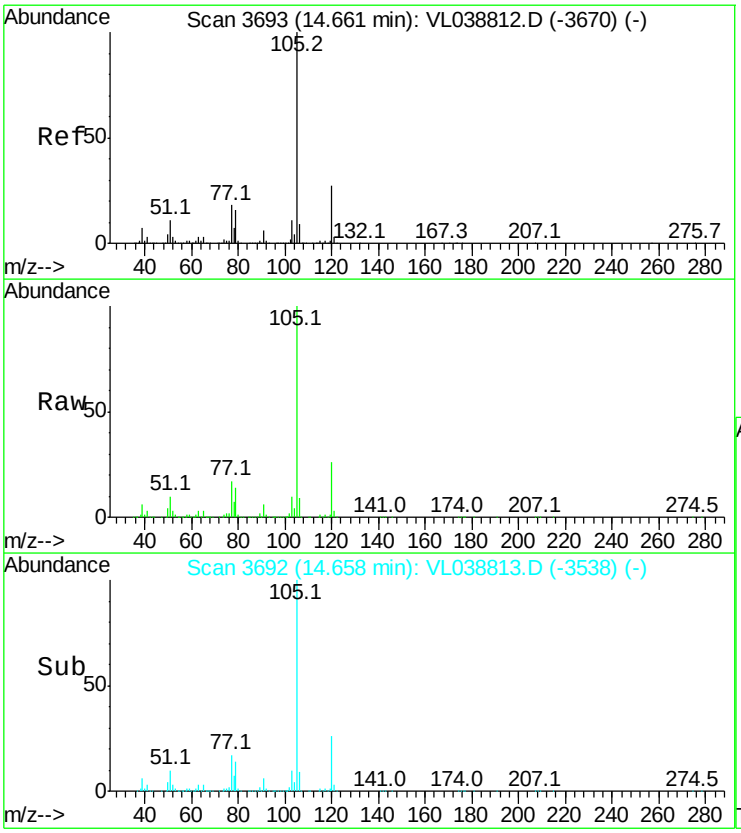
#61
Styrene
Concen: 2.78 ppbv
RT: 13.52
Delta R.T
Lab File:
Acq: 5 Apr 2022 16:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:104 Resp: 567375

Ion	Ratio	Lower	Upper
104	100		
78	49.6	40.5	60.7
103	48.3	39.0	58.4

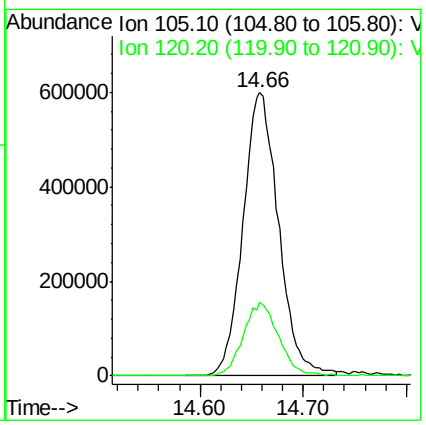


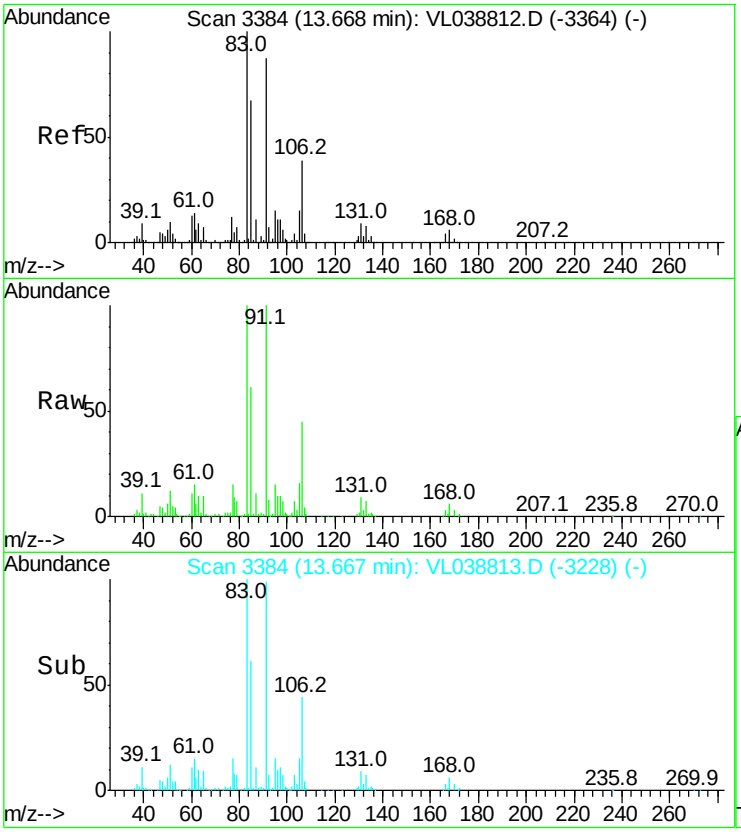


#62
Isopropylbenzene
Concen: 2.54 ppbv
RT: 14.66 min Scan# 3692
Delta R.T. -0.00 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Tgt Ion:105 Resp: 1434238

Ion	Ratio	Lower	Upper
105	100		
120	25.7	21.8	32.8



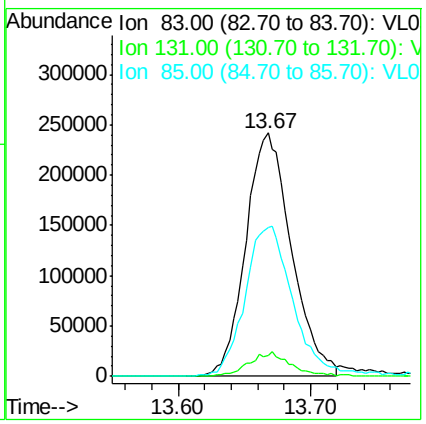


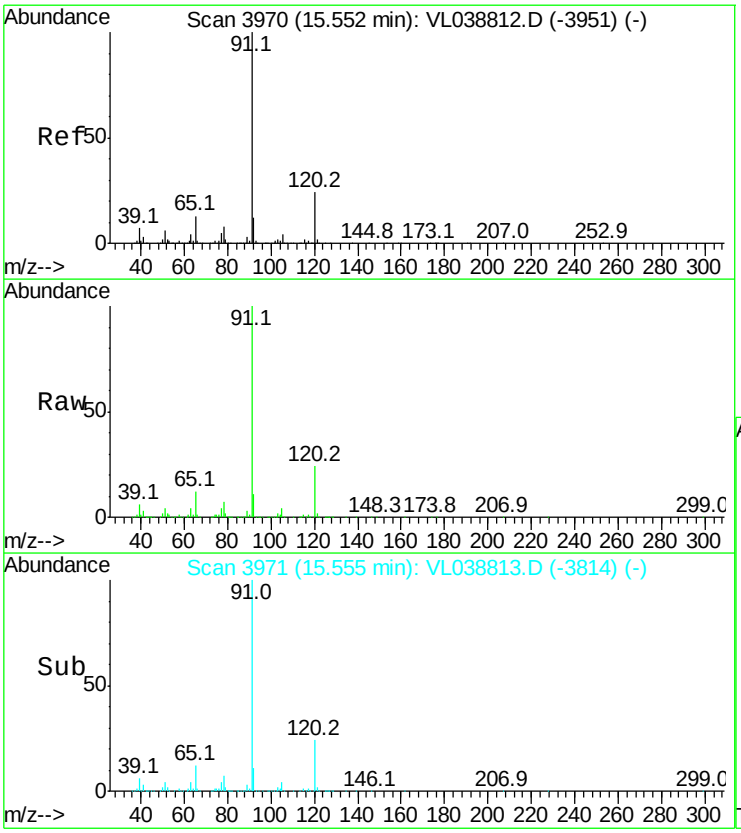
#63
1,1,2,2-Tetrachloroethane
Concen: 2.00 ppbv
RT: 13.67
Delta R.T
Lab File:
Acq: 5 Apr 2022 16:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 83 Resp: 581368

Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.6	13.8
85	65.8	33.0	99.0

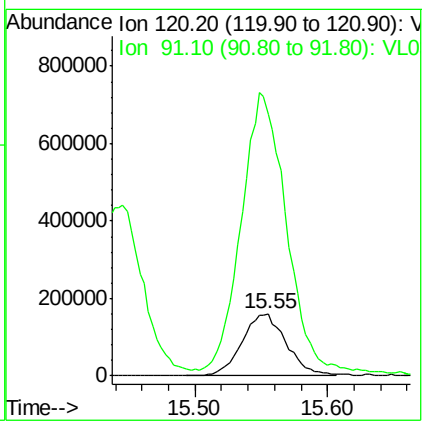


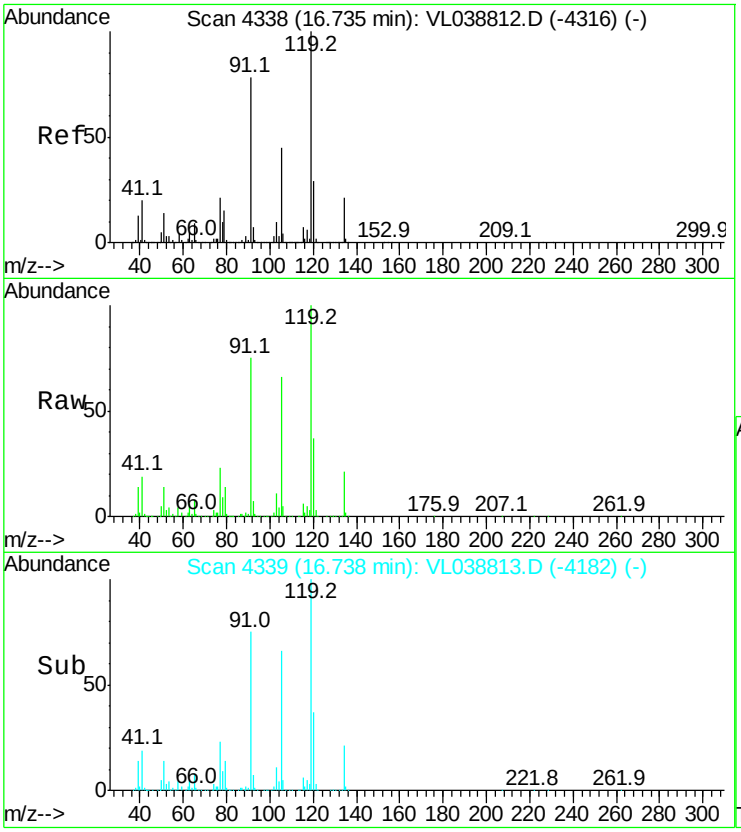


#64
n-propylbenzene
Concen: 2.50 ppbv
RT: 15.55 min Scan# 3971
Delta R.T. 0.00 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Tgt Ion:120 Resp: 371644

Ion	Ratio	Lower	Upper
120	100		
91	474.1	360.6	540.8



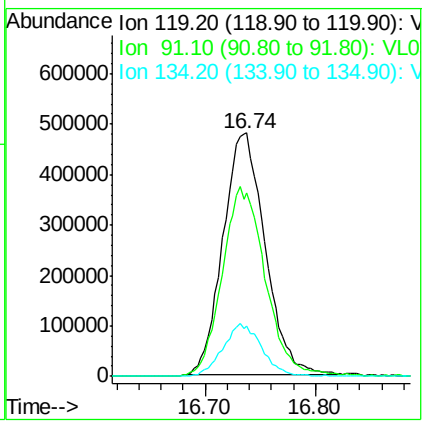


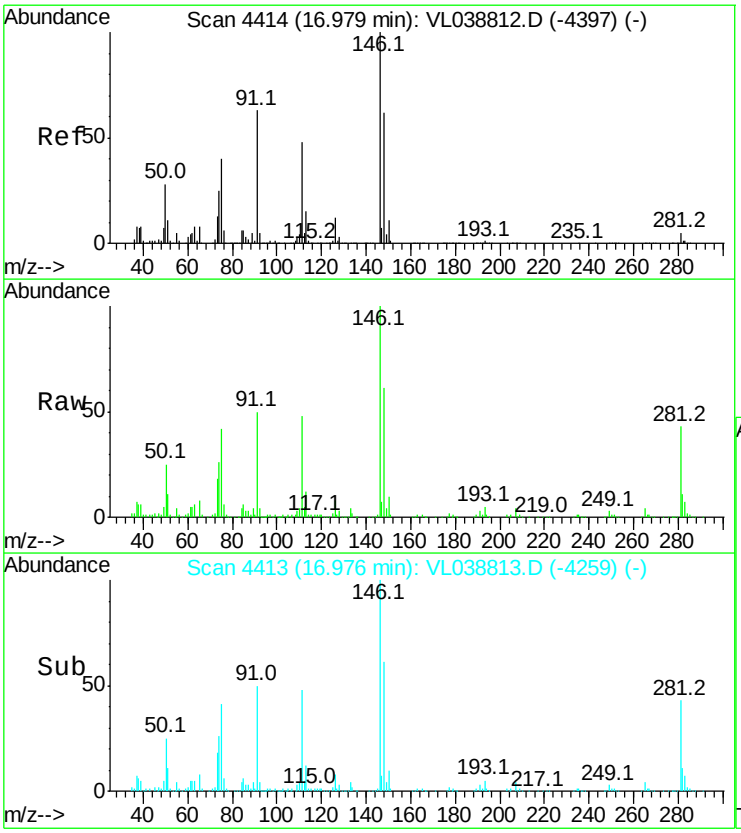
#65
tert-Butylbenzene
Concen: 2.48 ppbv
RT: 16.74
Delta R.T
Lab File:
Acq: 5 Apr 2022 16:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:119 Resp: 1262271

Ion	Ratio	Lower	Upper
119	100		
91	81.5	62.8	94.2
134	20.5	16.2	24.4

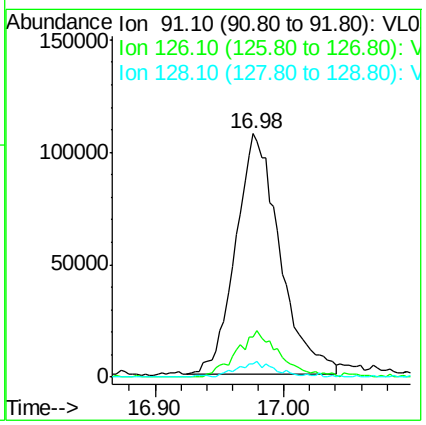


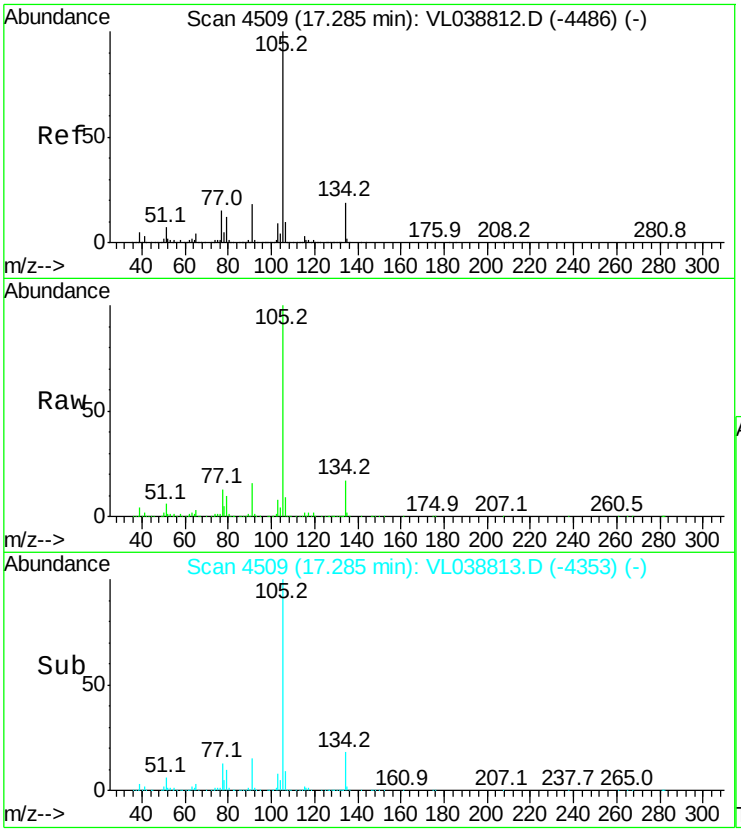


#66
Benzyl Chloride
Concen: 2.68 ppbv
RT: 16.98 min Scan# 4413
Delta R.T. -0.00 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Tgt Ion: 91 Resp: 257422

Ion	Ratio	Lower	Upper
91	100		
126	18.3	15.4	23.0
128	6.3	4.7	7.1



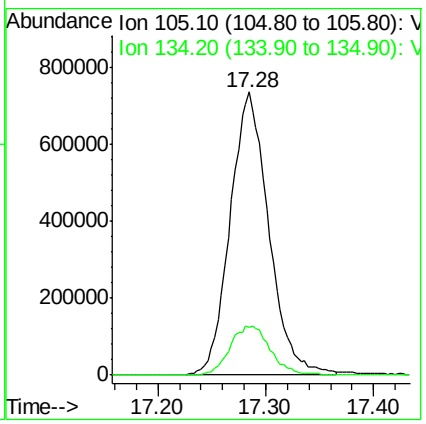


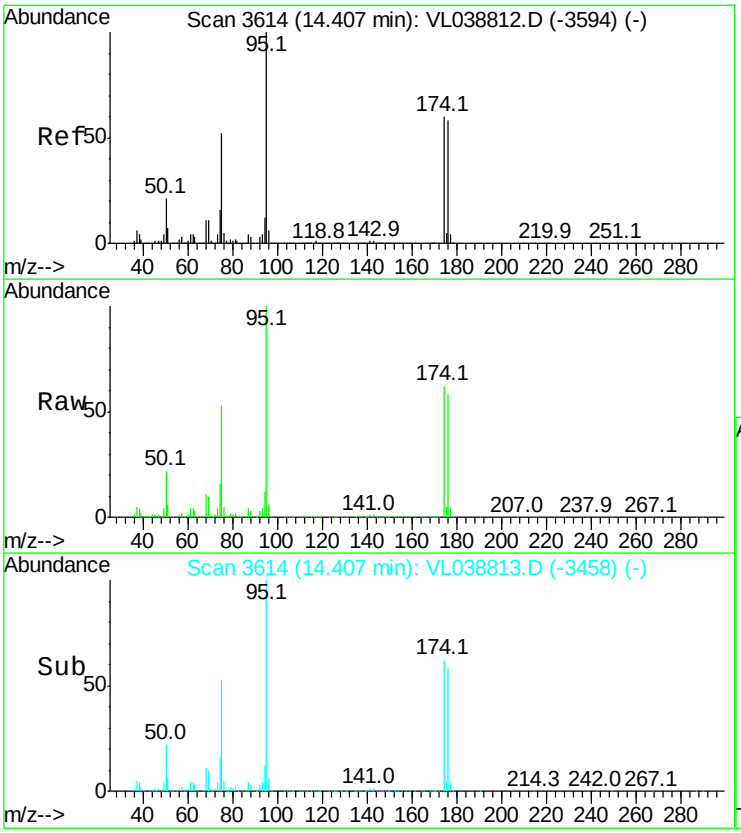
#67
sec-Butylbenzene
Concen: 2.50 ppbv
RT: 17.28
Delta R.T
Lab File:
Acq: 5 Apr 2022 16:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:105 Resp: 1819191

Ion	Ratio	Lower	Upper
105	100		
134	18.6	15.1	22.7





#68
1-Bromo-4-Fluorobenzene
Concen: 9.45 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. -0.00 min
Lab File: VL038813.D
Acq: 5 Apr 2022 16:36

Tgt Ion: 95 Resp: 2806446

Ion	Ratio	Lower	Upper
95	100		
174	64.4	52.0	78.0
175	4.8	4.0	6.0