Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040522\
Data File : VL038814.D
Acq On : 5 Apr 2022 17:13
Operator : SY/AP
Sample : VSTDICC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Quant Time: Apr 05 19:42:25 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	1453284	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	4008373	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.08	117	3692749	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	2750913	9.72	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	239790	1.23	ppbv		95
3) Chlorodifluoromethane	2.99	51	187367	1.22	ppbv		98
4) Chloromethane	3.14	50	97414	1.16	ppbv		91
5) Vinyl Chloride	3.26	62	83661	0.98	ppbv		93
6) Bromomethane	3.48	94	42110	0.92	ppbv		97
7) Chloroethane	3.56	64	17937	0.63	ppbv		98
8) Dichlorotetrafluoroethane	3.19	85	207359	1.06	ppbv		99
9) Propene	3.01	41	100858	1.36	ppbv		92
10) Heptane	8.12	43	247916	1.40	ppbv		97
11) Trichlorofluoromethane	3.95	101	164207	0.95	ppbv		98
12) 1,1,2-Trichlorotrifluoroet	4.48	101	136696	1.03	ppbv		98
13) Ethanol	3.62	45	4604	0.56	ppbv	#	100
14) Bromoethene	3.75	108	22715	0.39	ppbv	#	1
15) Acetone	3.86	43	129804	1.04	ppbv	#	86
16) 1,3-Butadiene	3.33	39	88624	1.25	ppbv		97
17) tert-Butyl alcohol	4.35	59	10719	0.10	ppbv		99
18) 1,1-Dichloroethene	4.29	96	58674	0.98	ppbv	#	66
19) Isopropyl Alcohol	3.98	45	68182	0.98	ppbv	#	100
20) Methylene Chloride	4.35	84	54343	1.03	ppbv		95
21) Allyl Chloride	4.42	41	109512	1.21	ppbv		100
22) trans-1,2-Dichloroethene	4.88	96	55606	0.90	ppbv		83
23) Vinyl Acetate	5.08	43	137440	1.13	ppbv	#	95
24) 1,1-Dichloroethane	5.01	63	131166	1.10	ppbv		99
25) Ethyl Acetate	5.68	43	390753	1.24	ppbv		99
26) Hexane	5.69	57	94013	0.67	ppbv	#	1
27) Carbon Disulfide	4.55	76	151137	1.09	ppbv	#	88
28) Methyl tert-Butyl Ether	5.04	73	131426	1.25	ppbv		97
29) Chloroform	5.75	83	251822	1.11	ppbv		93
30) Cyclohexane	7.12	84	153470	1.25	ppbv	#	73
31) cis-1,2-Dichloroethene	5.55	61	151923	1.14	ppbv		98
32) 1,1,1-Trichloroethane	6.51	97	251464	1.15	ppbv		99
34) 2-Butanone	5.25	43	133872	0.84	ppbv	#	89
35) Carbon Tetrachloride	7.01	117	245512	1.06	ppbv		90
36) Benzene	6.89	78	384751	1.24	ppbv		99
37) 1,2-Dichloroethane	6.30	62	155946	0.99	ppbv		96
38) Trichloroethene	7.83	130	143318	1.11	ppbv		94
39) 1,2-Dichloropropane	7.61	63	141910	1.17	ppbv		96
41) Tetrahydrofuran	6.06	42	66981	0.57	ppbv	#	17
42) Bromodichloromethane	7.79	83	137828	0.58	ppbv		100
43) Methyl Methacrylate	8.01	69	136777	1.19	ppbv		93
44) 2,2,4-Trimethylpentane	7.86	57	663693	1.28	ppbv		99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040522\
Data File : VL038814.D
Acq On : 5 Apr 2022 17:13
Operator : SY/AP
Sample : VSTDICC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Quant Time: Apr 05 19:42:25 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)
45) t-1,3-Dichloropropene	9.28	75	135252	1.16	ppbv		99
46) cis-1,3-Dichloropropene	8.70	75	181284	1.15	ppbv		97
47) 1,1,2-Trichloroethane	9.46	97	86106	0.67	ppbv		97
48) Dibromochloromethane	10.29	129	100619	0.50	ppbv	#	11
49) Bromoform	13.03	173	171850	1.04	ppbv		99
50) 4-Methyl-2-Pentanone	8.75	43	370833	1.26	ppbv		96
51) 2-Hexanone	10.14	43	242291	1.14	ppbv	#	90
52) Tetrachloroethene	11.21	164	78038	0.69	ppbv		98
53) Toluene	9.80	91	445007	1.34	ppbv		99
54) 1,2-Dibromoethane	10.61	107	200040	1.13	ppbv		92
56) 1,1,1,2-Tetrachloroethane	12.12	131	170984	1.12	ppbv	#	1
57) Chlorobenzene	12.14	112	317681	1.19	ppbv	#	93
58) Ethyl Benzene	12.70	91	592267	1.37	ppbv		93
59) m/p-Xylene	12.99	91	534428	1.42	ppbv	#	45
60) o-Xylene	13.68	91	485960	1.36	ppbv		96
61) Styrene	13.52	104	268895	1.38	ppbv		100
62) Isopropylbenzene	14.66	105	698796	1.30	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.67	83	275223	0.99	ppbv		98
64) n-propylbenzene	15.55	120	178684	1.26	ppbv		80
65) tert-Butylbenzene	16.74	119	642363	1.33	ppbv		98
66) Benzyl Chloride	16.98	91	95431	1.04	ppbv	#	93
67) sec-Butylbenzene	17.29	105	887638	1.28	ppbv		98
69) p-Isopropyltoluene	17.64	119	717447	1.27	ppbv		100
70) n-Butylbenzene	18.54	91	707696	1.21	ppbv		98
71) 2-Chlorotoluene	15.45	91	523295	1.31	ppbv		100
72) 4-Ethyltoluene	15.83	105	535013	1.26	ppbv		98
73) 1,3,5-Trimethylbenzene	15.99	105	499001	1.29	ppbv		93
74) 1,2,4-Trimethylbenzene	16.75	105	544023	1.29	ppbv		97
75) 1,3-Dichlorobenzene	16.99	146	299277	1.12	ppbv		99
76) 1,4-Dichlorobenzene	17.13	146	186859	0.70	ppbv	#	55
77) 1,2-Dichlorobenzene	17.81	146	286289	1.08	ppbv		95
78) Hexachloro-1,3-Butadiene	23.36	225	127947	0.52	ppbv	#	18
79) Naphthalene	22.19	128	372205	1.16	ppbv		96
80) Naphthalene,2-methyl-	24.97	142	68281	0.79	ppbv	#	86
81) 1,2,4-Trichlorobenzene	21.91	180	103961	0.47	ppbv	#	11

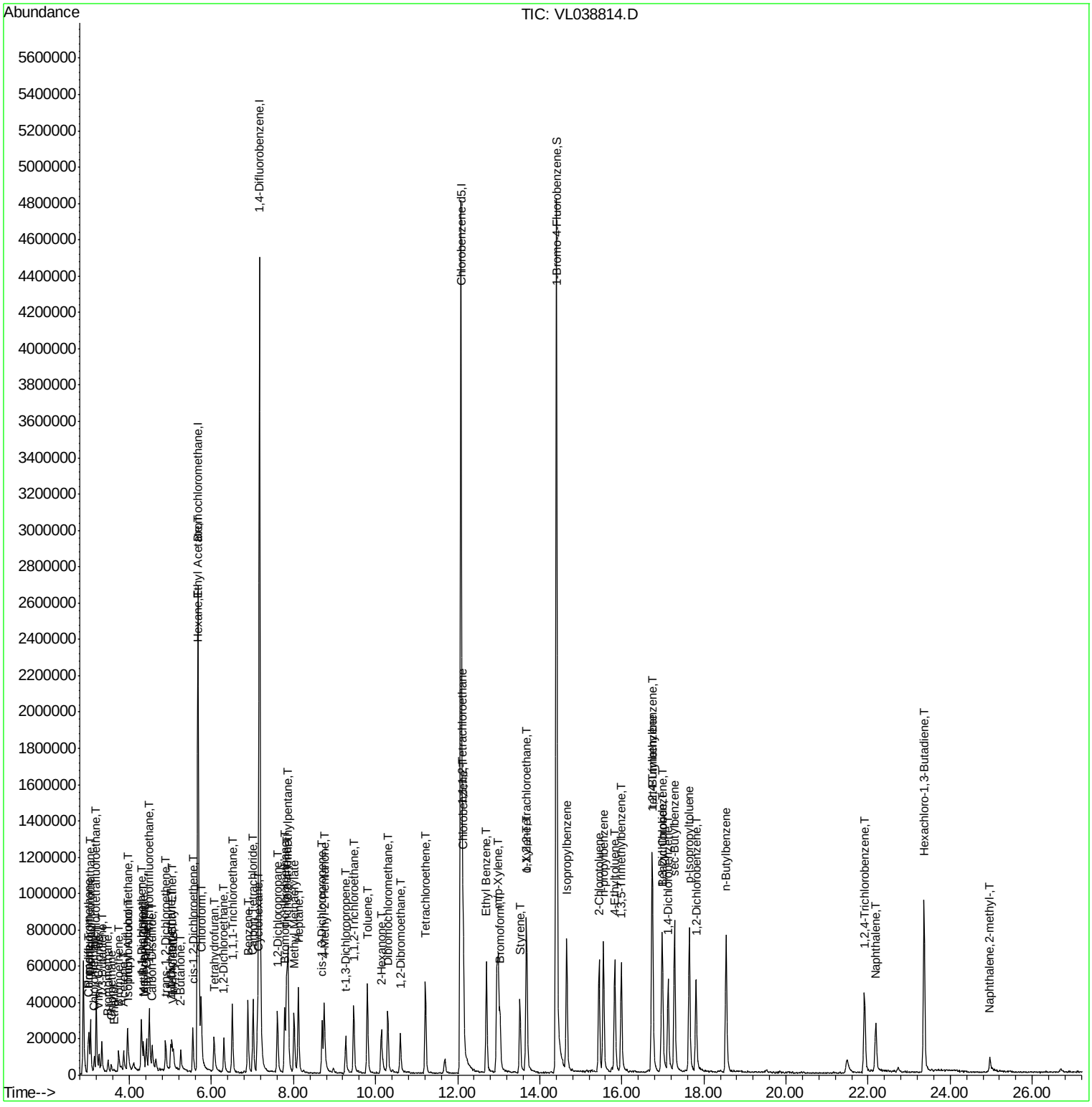
(#) = qualifier out of range (m) = manual integration (+) = signals summed

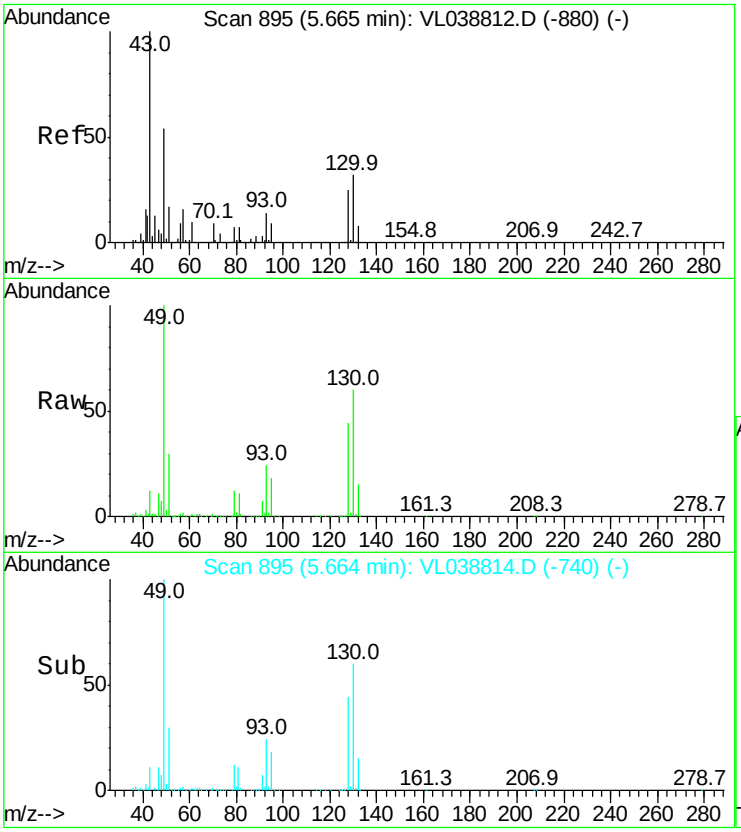
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040522\
Data File : VL038814.D
Acq On : 5 Apr 2022 17:13
Operator : SY/AP
Sample : VSTDICC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Quant Time: Apr 05 19:42:25 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



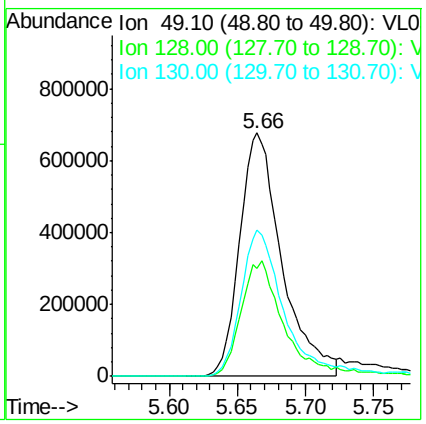


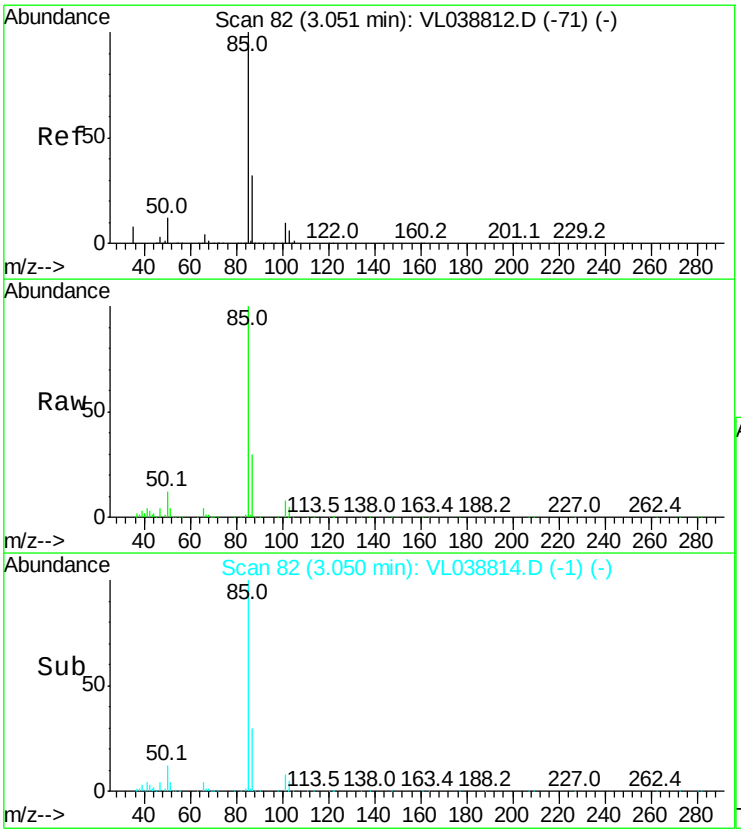
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 5 Apr 2022 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 49 Resp: 1453284

Ion	Ratio	Lower	Upper
49	100		
128	49.4	24.1	72.3
130	63.9	30.9	92.8

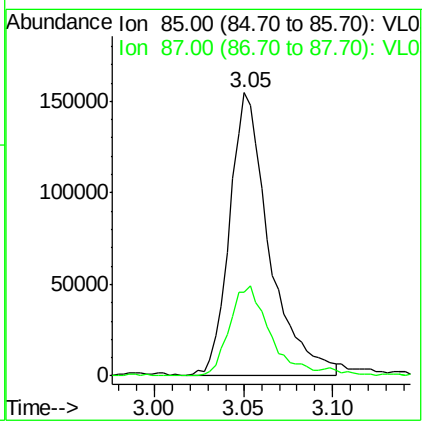


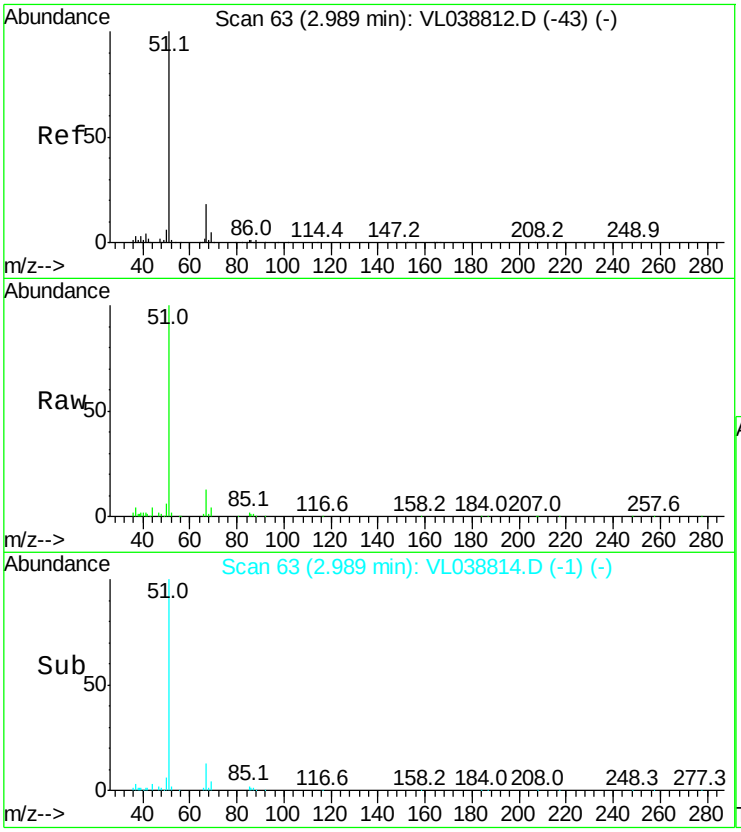


#2
Dichlorodifluoromethane
Concen: 1.23 ppbv
RT: 3.05 min Scan# 82
Delta R.T. -0.00 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Tgt Ion: 85 Resp: 239790

Ion	Ratio	Lower	Upper
85	100		
87	29.9	25.9	38.9



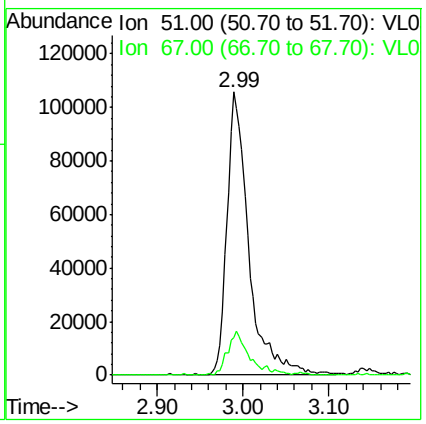


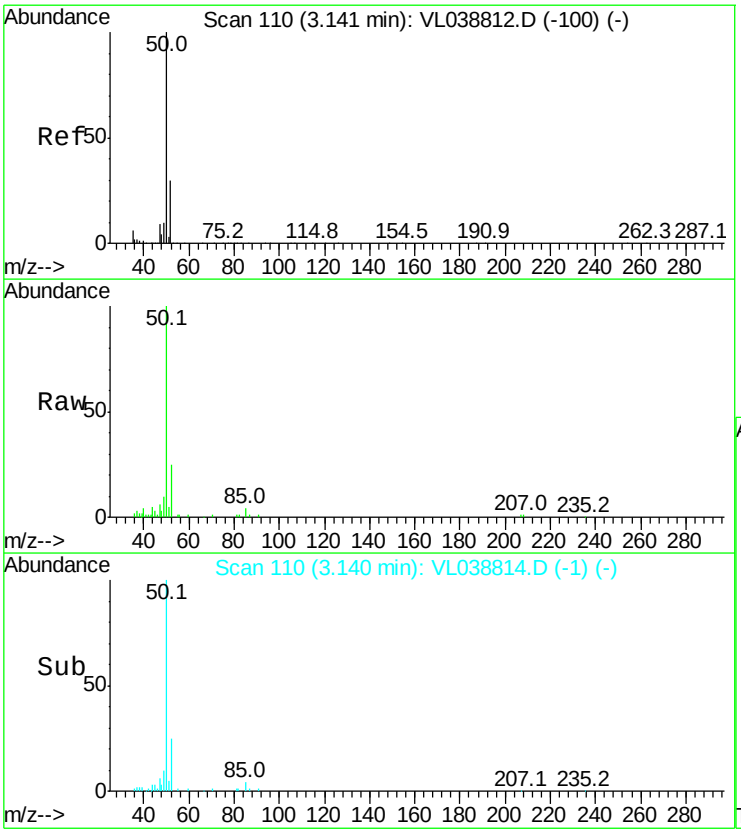
#3
Chlorodifluoromethane
Concen: 1.22 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 5 Apr 2022 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 51 Resp: 187367

Ion	Ratio	Lower	Upper
51	100		
67	16.0	13.4	20.0

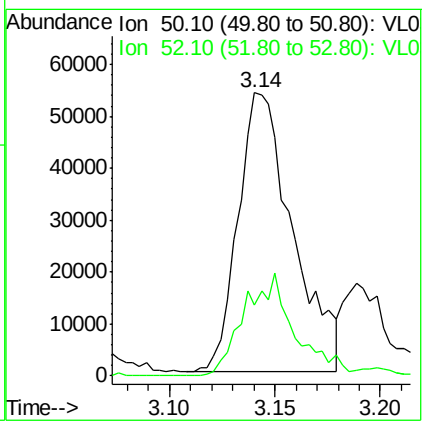


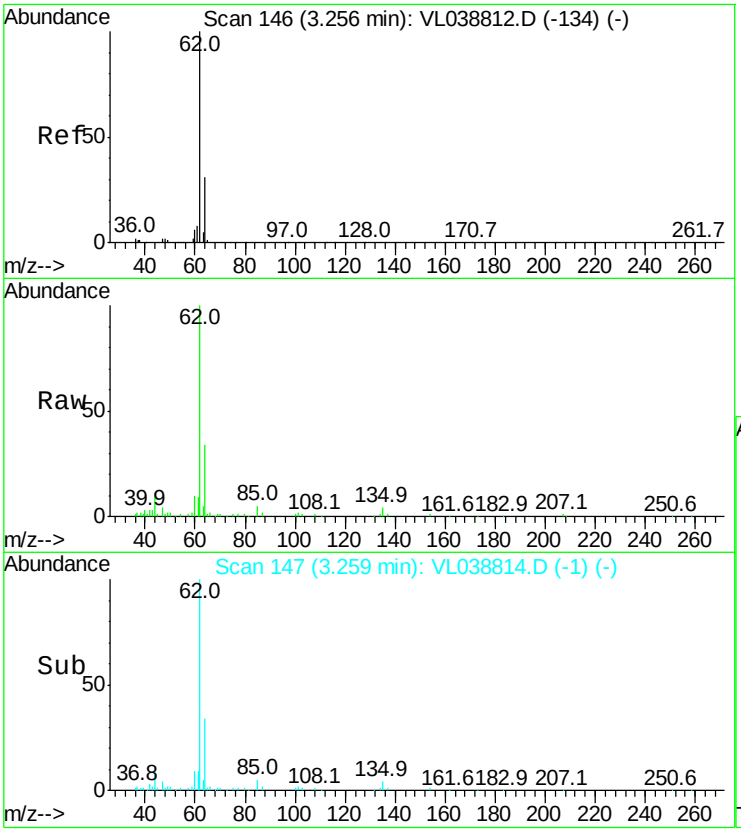


#4
Chloromethane
Concen: 1.16 ppbv
RT: 3.14 min Scan# 110
Delta R.T. -0.00 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Tgt Ion: 50 Resp: 97414

Ion	Ratio	Lower	Upper
50	100		
52	25.3	24.3	36.5



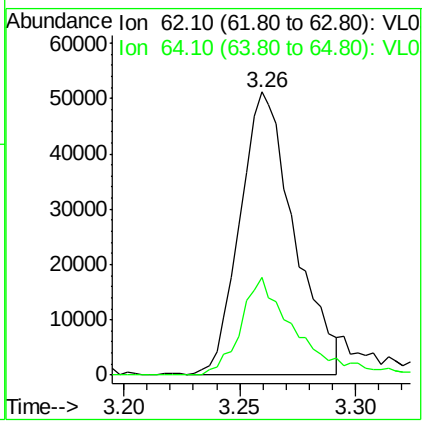


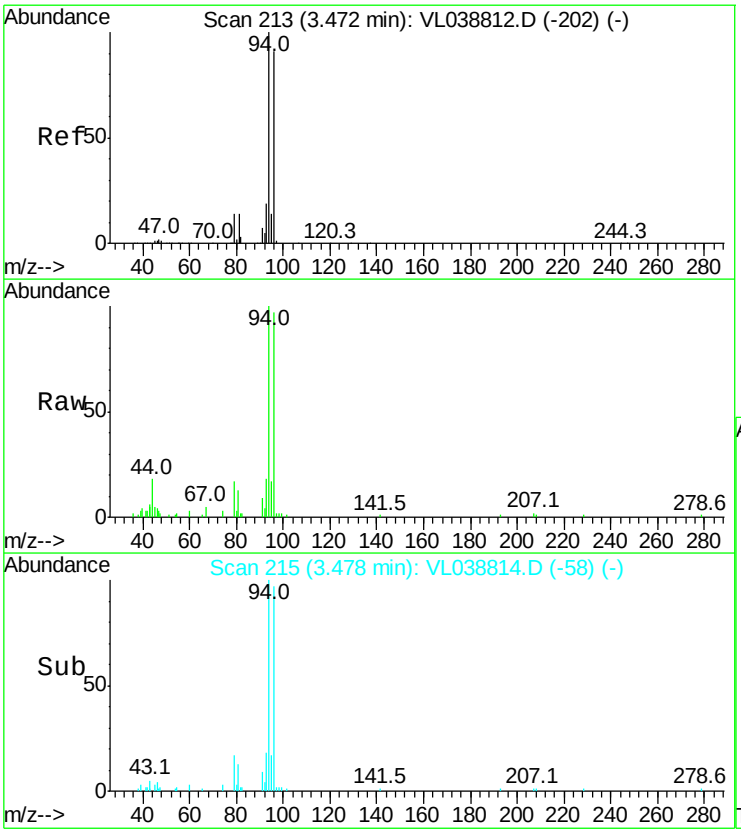
#5
Vinyl Chloride
Concen: 0.98 ppbv
RT: 3.26
Delta R.T
Lab File:
Acq: 5 Apr 2022 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 62 Resp: 83661

Ion	Ratio	Lower	Upper
62	100		
64	34.4	24.6	37.0

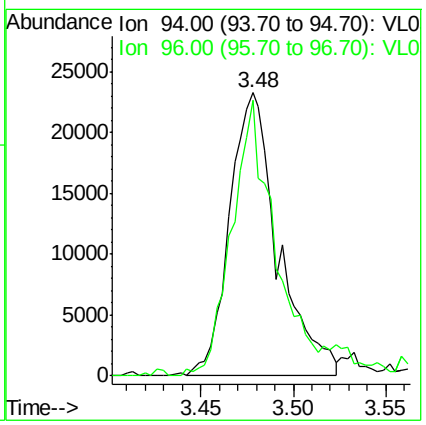


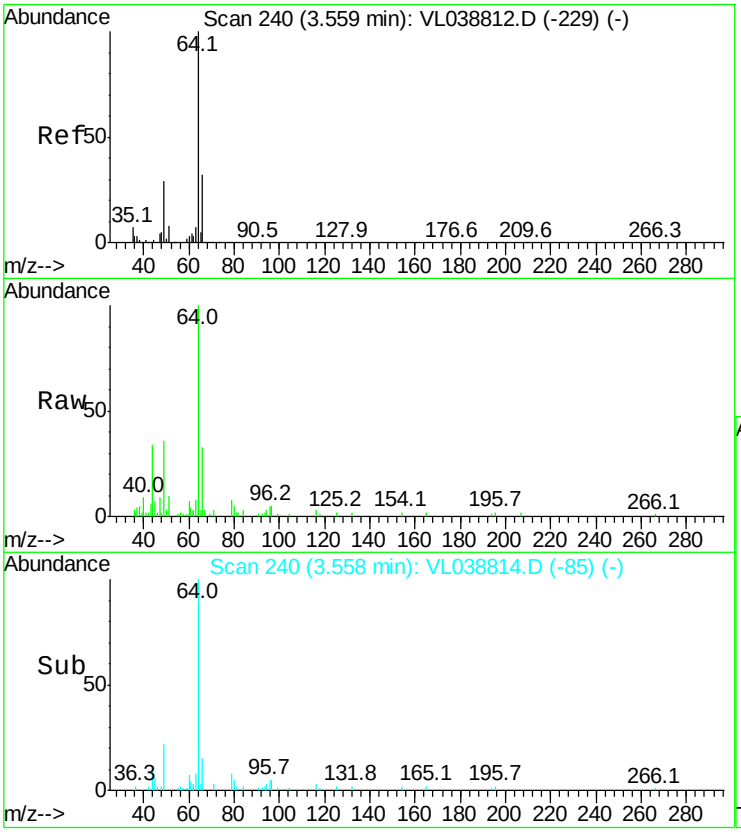


#6
Bromomethane
Concen: 0.92 ppbv
RT: 3.48 min Scan# 215
Delta R.T. 0.01 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Tgt Ion: 94 Resp: 42110

Ion	Ratio	Lower	Upper
94	100		
96	94.8	73.2	109.8



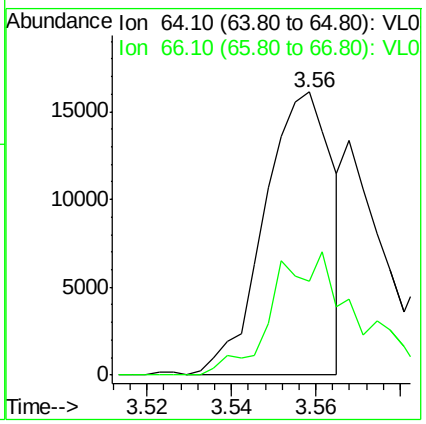


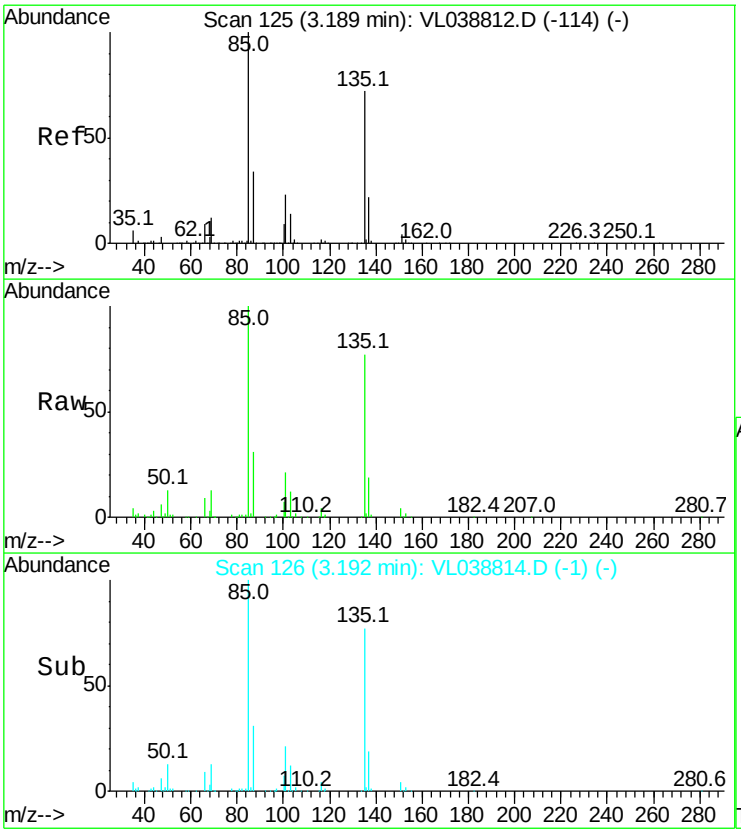
#7
Chloroethane
Concen: 0.63 ppbv
RT: 3.56
Delta R.T
Lab File:
Acq: 5 Apr 2022 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 64 Resp: 17937

Ion	Ratio	Lower	Upper
64	100		
66	33.0	25.4	38.2

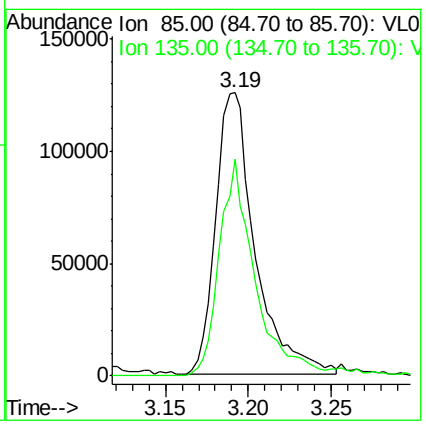


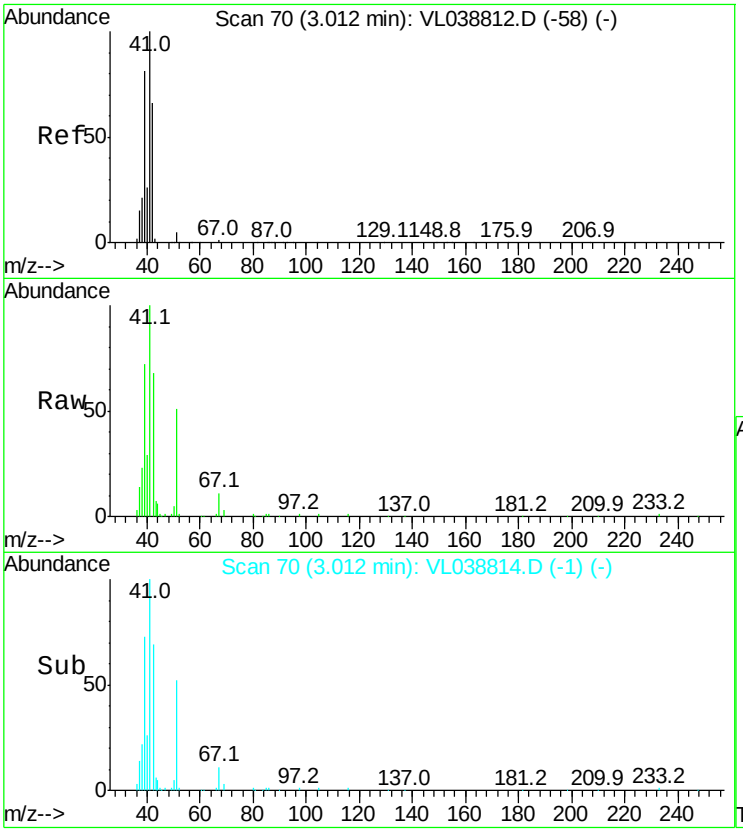


#8
Dichlorotetrafluoroethane
Concen: 1.06 ppbv
RT: 3.19 min Scan# 126
Delta R.T. 0.00 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Tgt Ion: 85 Resp: 207359

Ion	Ratio	Lower	Upper
85	100		
135	72.2	57.0	85.6



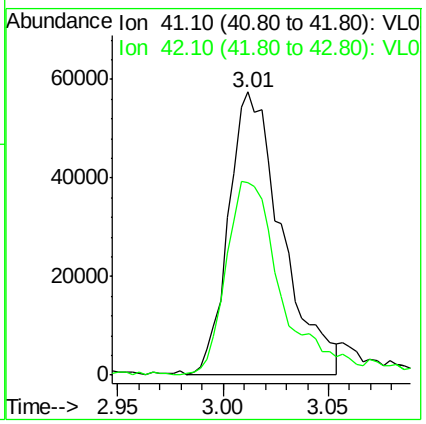


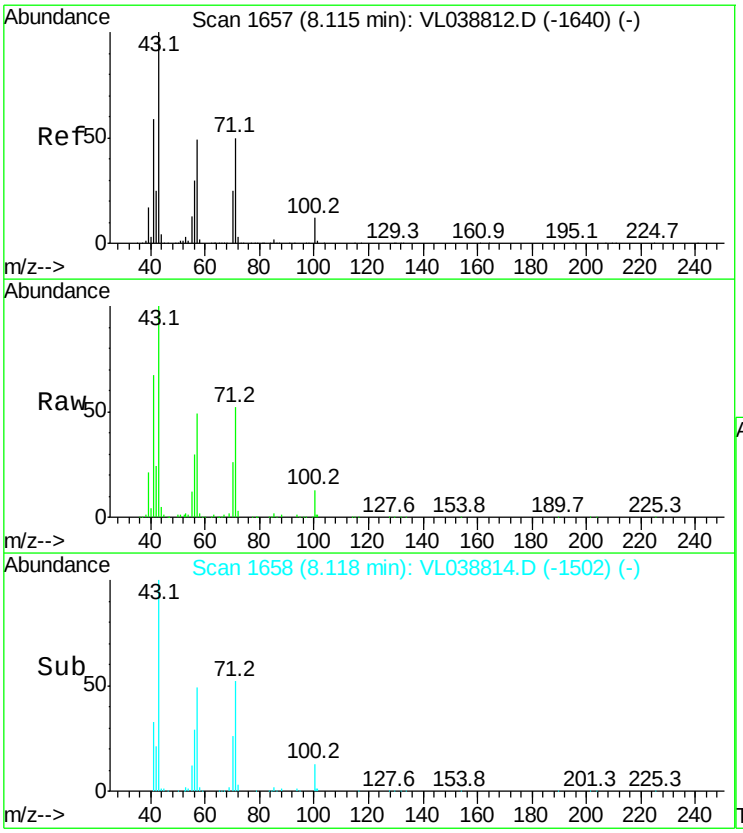
#9
Propene
Concen: 1.36 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 5 Apr 2022 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 41 Resp: 100858

Ion	Ratio	Lower	Upper
41	100		
42	73.9	54.2	81.4

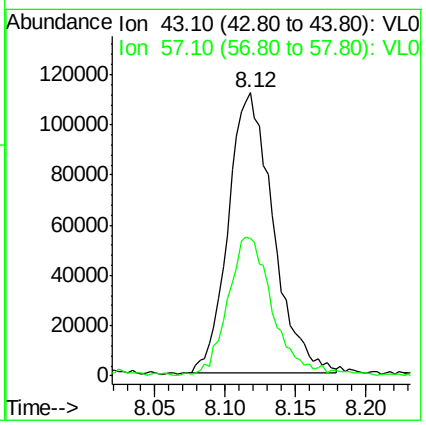


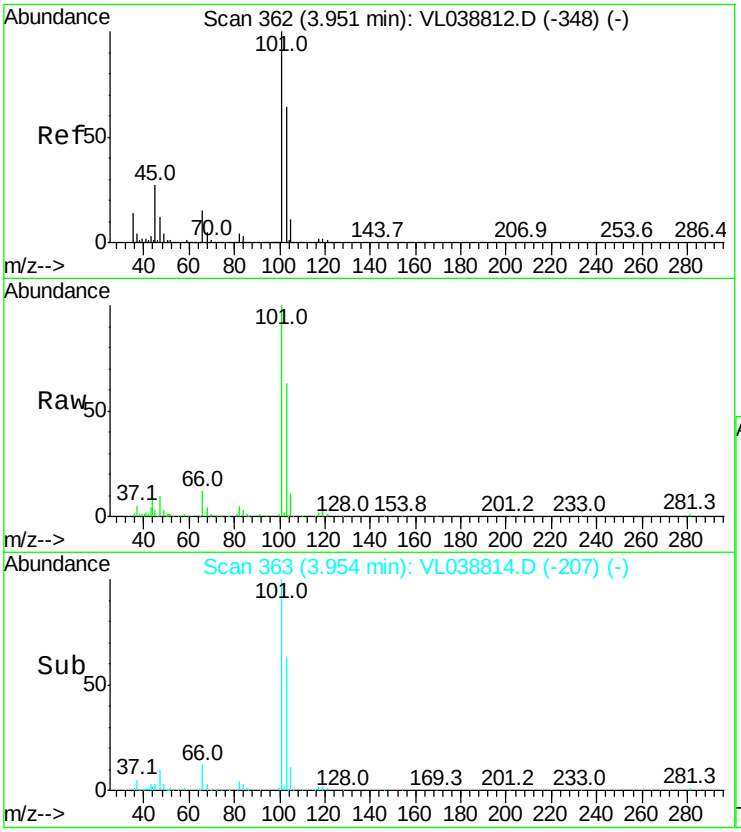


#10
Heptane
Concen: 1.40 ppbv
RT: 8.12 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Tgt Ion: 43 Resp: 247916

Ion	Ratio	Lower	Upper
43	100		
57	51.0	39.3	58.9



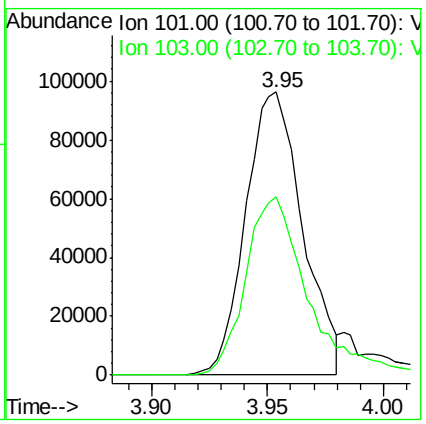


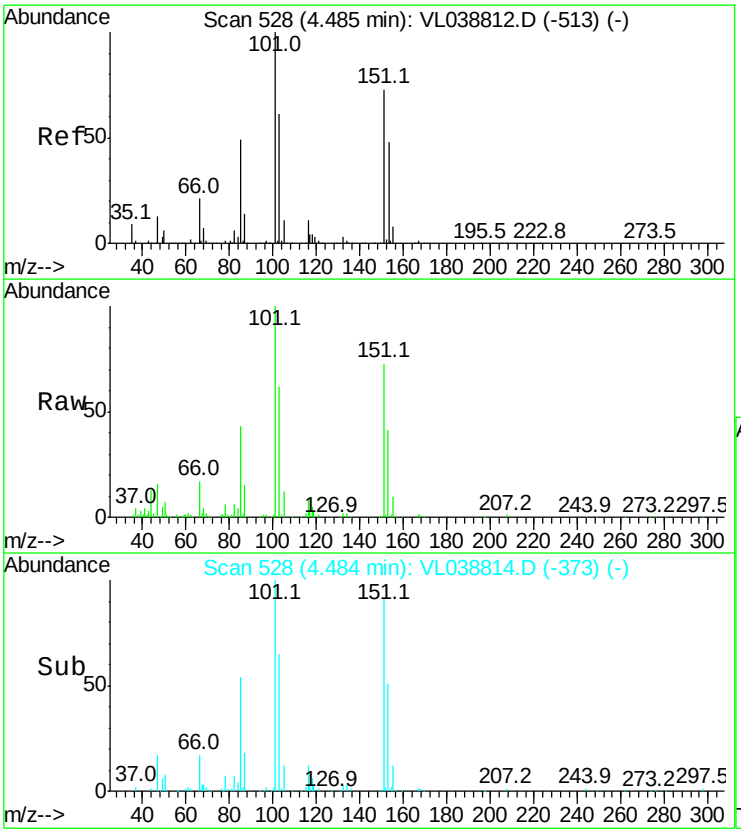
#11
Trichlorofluoromethane
Concen: 0.95 ppbv
RT: 3.95
Delta R.T
Lab File:
Acq: 5 Apr 2022 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:101 Resp: 164207

Ion	Ratio	Lower	Upper
101	100		
103	63.0	51.4	77.0

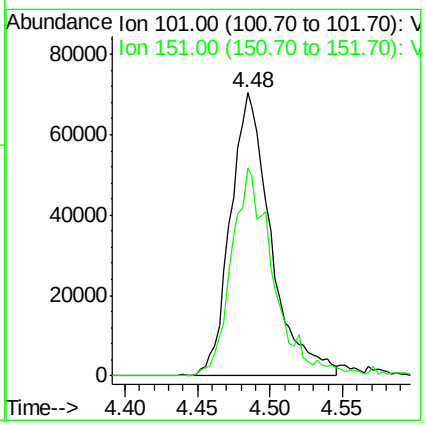


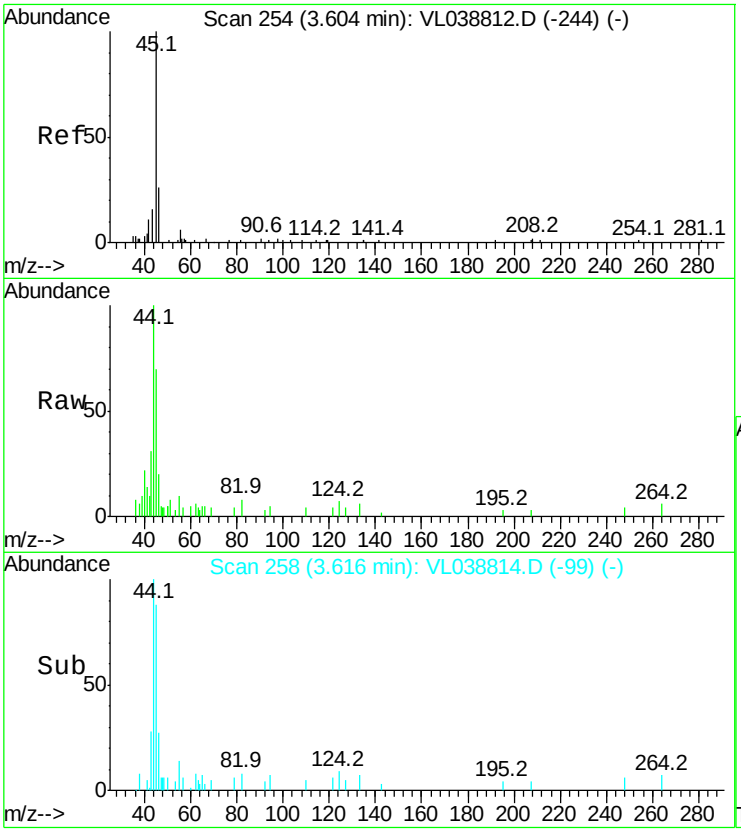


#12
1,1,2-Trichlorotrifluoroethane
Concen: 1.03 ppbv
RT: 4.48 min Scan# 528
Delta R.T. -0.00 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Tgt Ion:101 Resp: 136696

Ion	Ratio	Lower	Upper
101	100		
151	76.3	59.9	89.9



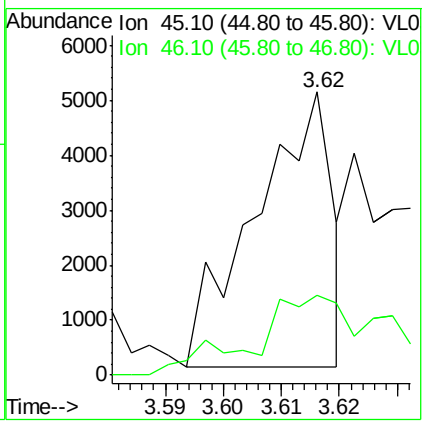


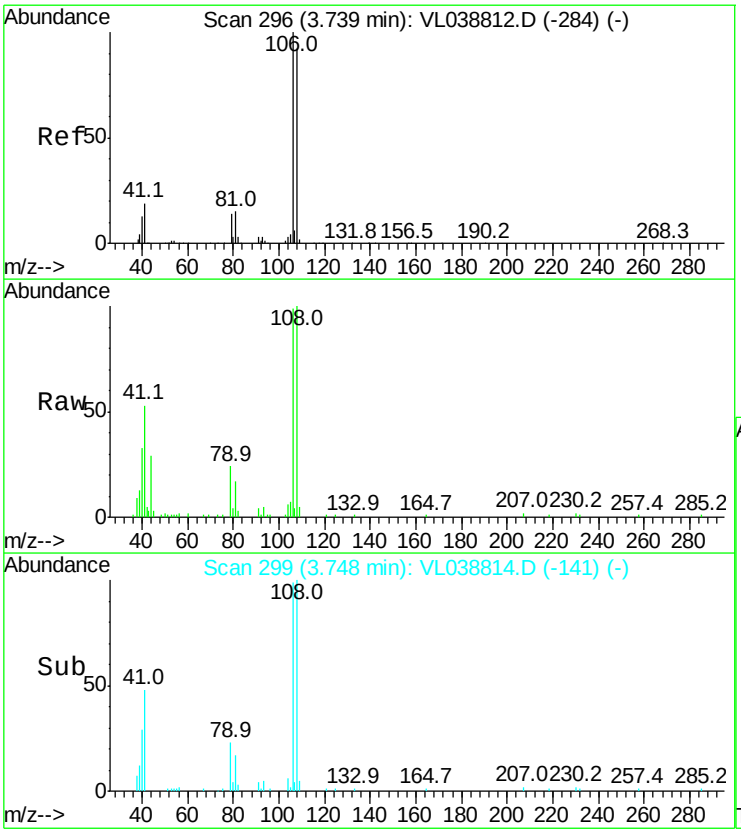
#13
Ethanol
Concen: 0.56 ppbv
RT: 3.62
Delta R.T
Lab File:
Acq: 5 Apr 2022 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 45 Resp: 4604

Ion	Ratio	Lower	Upper
45	100		
46	74.5	0.0	0.0#

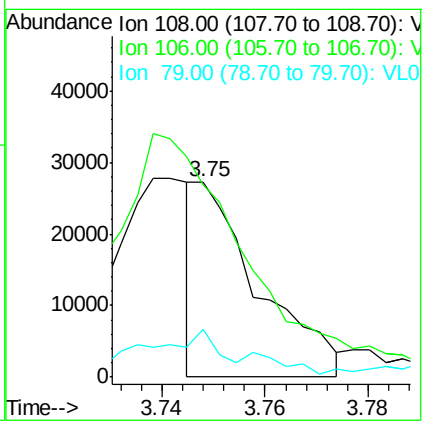


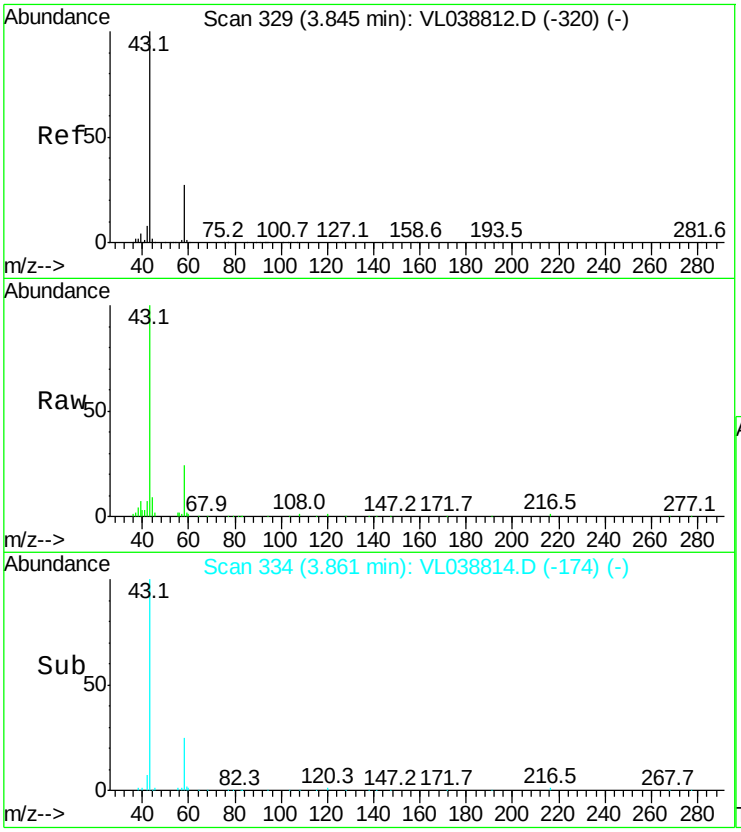


#14
Bromoethene
Concen: 0.39 ppbv
RT: 3.75 min Scan# 299
Delta R.T. 0.01 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Tgt Ion:108 Resp: 22715

Ion	Ratio	Lower	Upper
108	100		
106	0.0	91.5	137.3#
79	44.6	13.7	20.5#



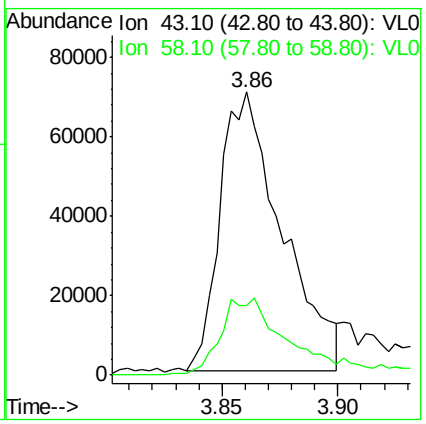


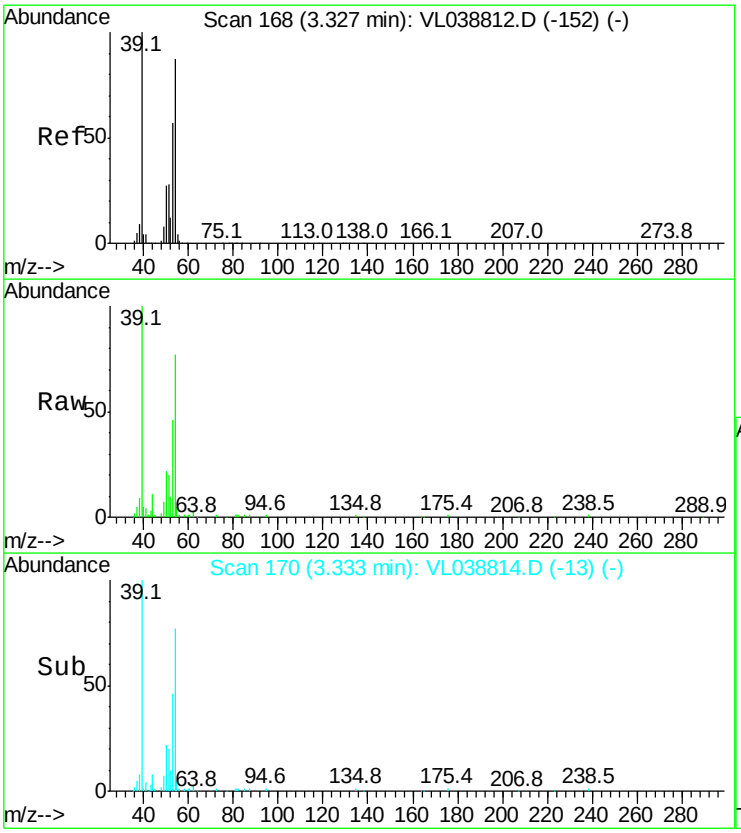
#15
Acetone
Concen: 1.04 ppbv
RT: 3.86
Delta R.T
Lab File:
Acq: 5 Apr 2022 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 129804

Ion	Ratio	Lower	Upper
43	100		
58	35.5	22.5	33.7#

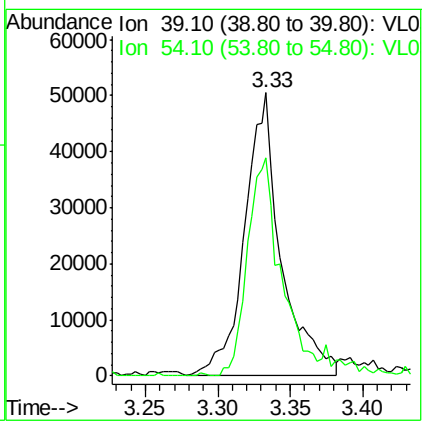


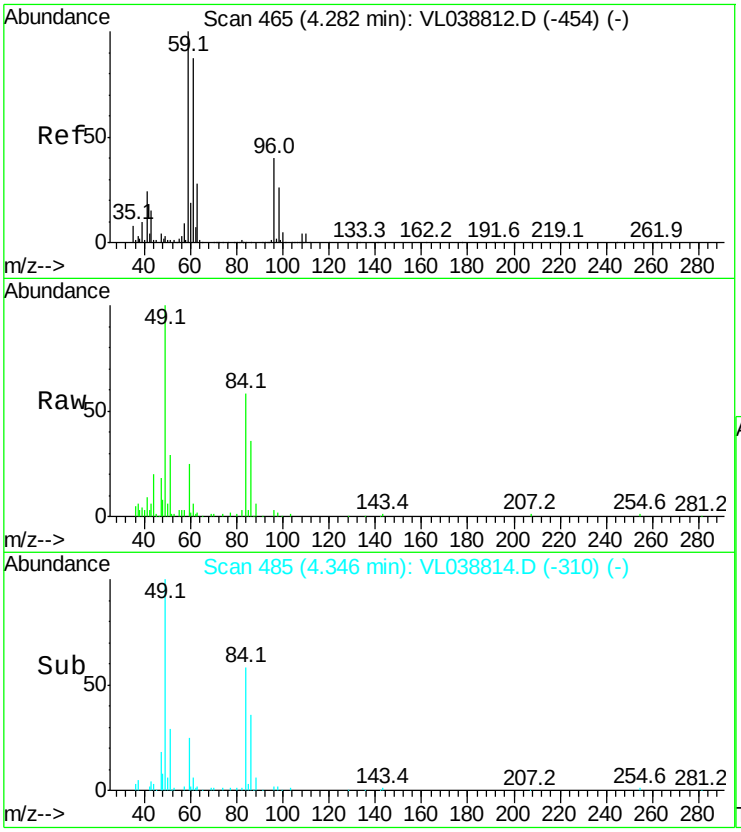


#16
1,3-Butadiene
Concen: 1.25 ppbv
RT: 3.33 min Scan# 170
Delta R.T. 0.01 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Tgt Ion: 39 Resp: 88624

Ion	Ratio	Lower	Upper
39	100		
54	78.6	64.8	97.2



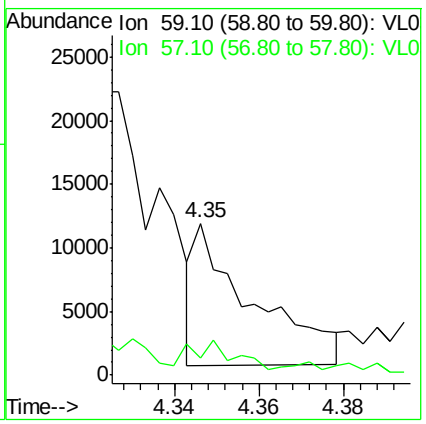


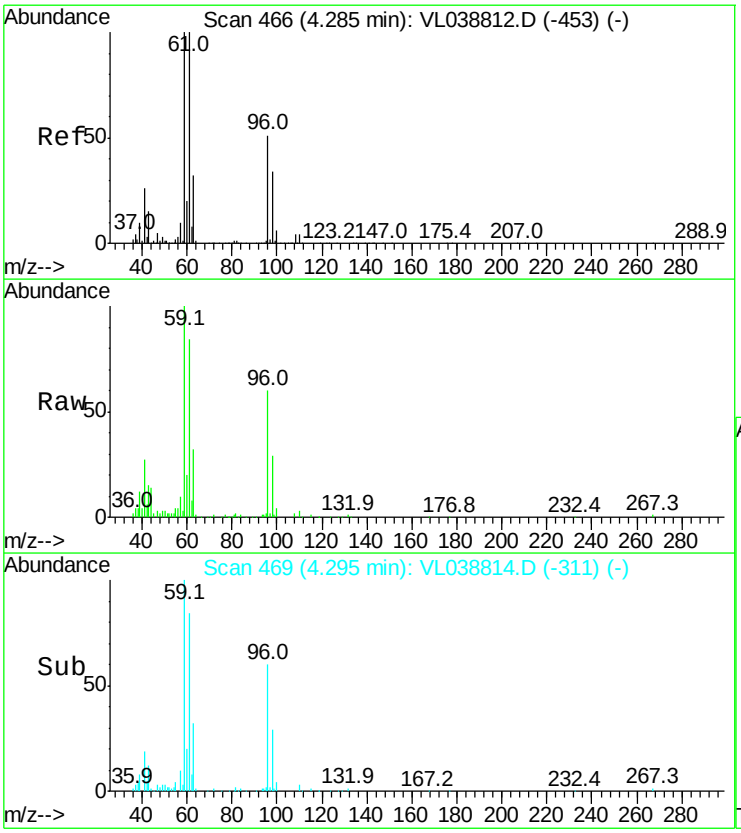
#17
tert-Butyl alcohol
Concen: 0.10 ppbv
RT: 4.35
Delta R.T
Lab File:
Acq: 5 Apr 2022 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 59 Resp: 10719

Ion	Ratio	Lower	Upper
59	100		
57	11.2	8.5	12.7

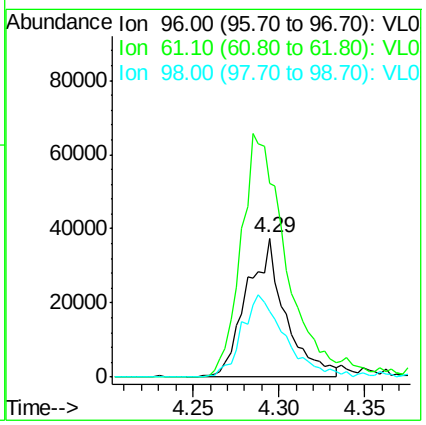


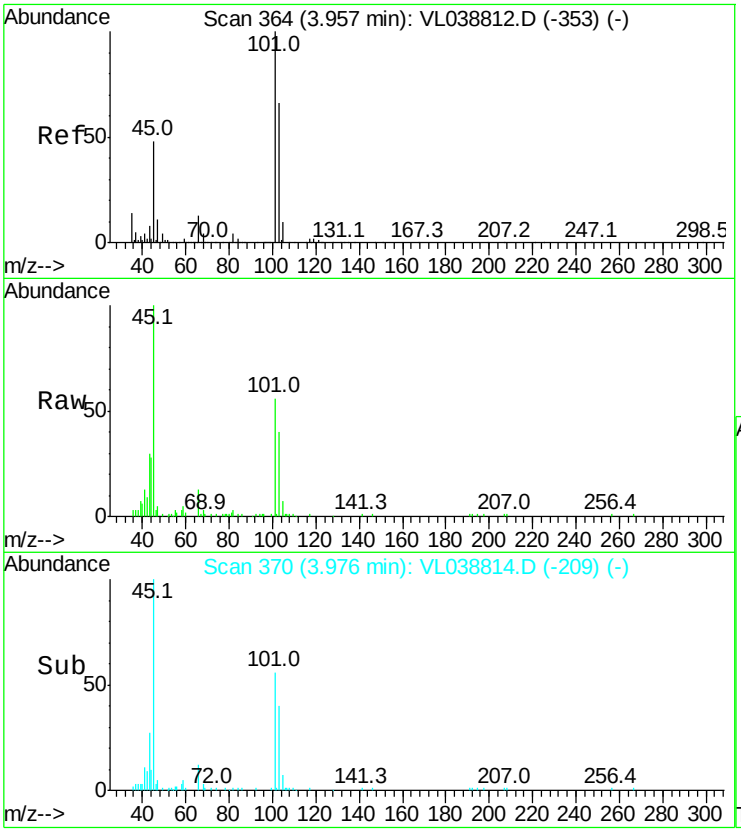


#18
1,1-Dichloroethene
Concen: 0.98 ppbv
RT: 4.29 min Scan# 469
Delta R.T. 0.01 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Tgt Ion: 96 Resp: 58674

Ion	Ratio	Lower	Upper
96	100		
61	139.7	156.1	234.1#
98	47.6	53.0	79.6#



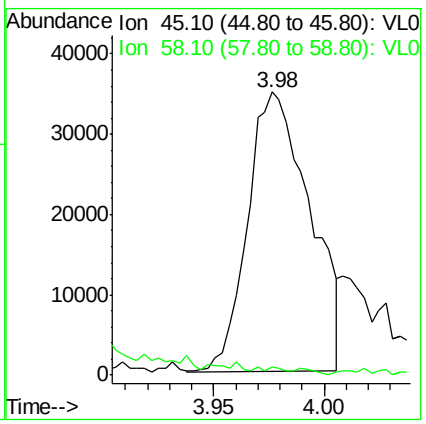


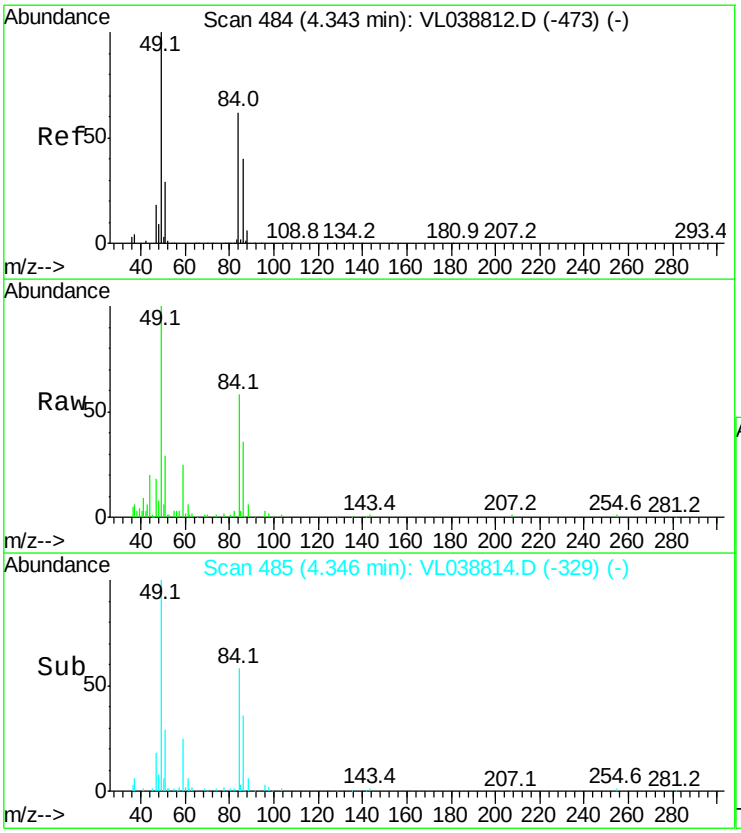
#19
Isopropyl Alcohol
Concen: 0.98 ppbv
RT: 3.98
Delta R.T
Lab File:
Acq: 5 Apr 2022 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 45 Resp: 68182

Ion	Ratio	Lower	Upper
45	100		
58	3.4	0.0	0.0#

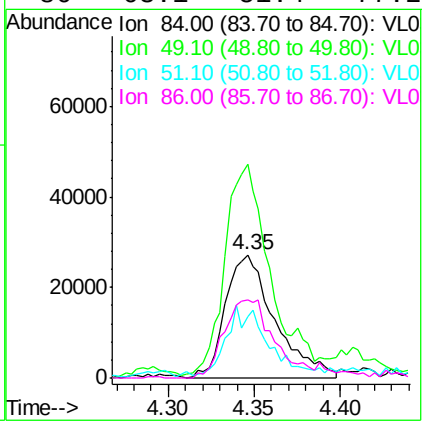


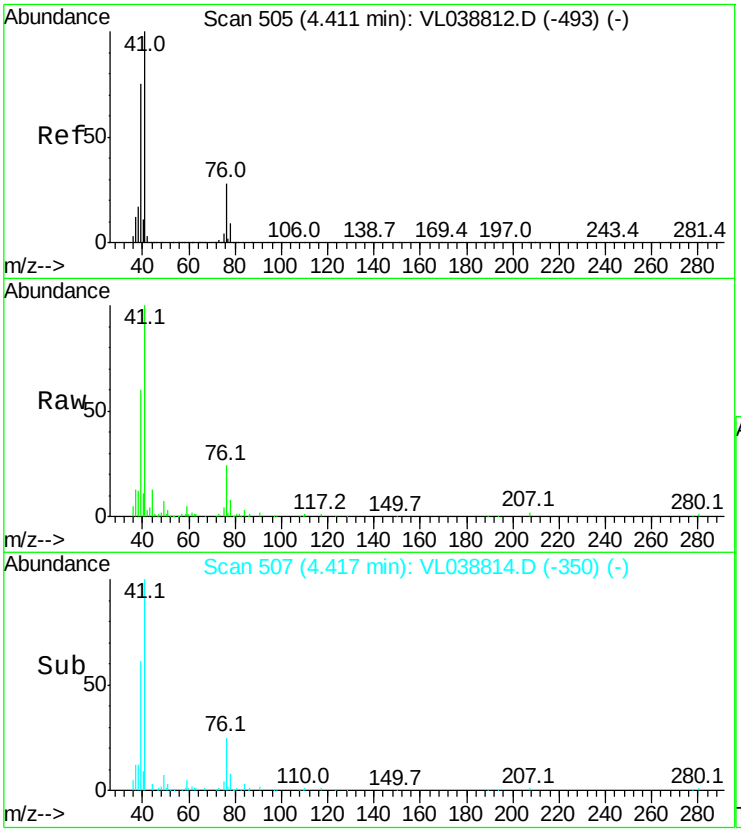


#20
Methylene Chloride
Concen: 1.03 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.00 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Tgt Ion: 84 Resp: 54343

Ion	Ratio	Lower	Upper
84	100		
49	170.3	129.4	194.0
51	44.9	37.4	56.2
86	63.1	51.4	77.2



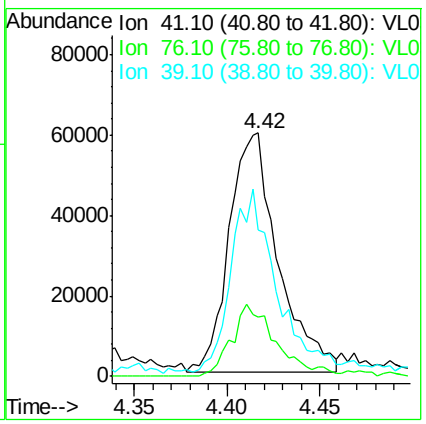


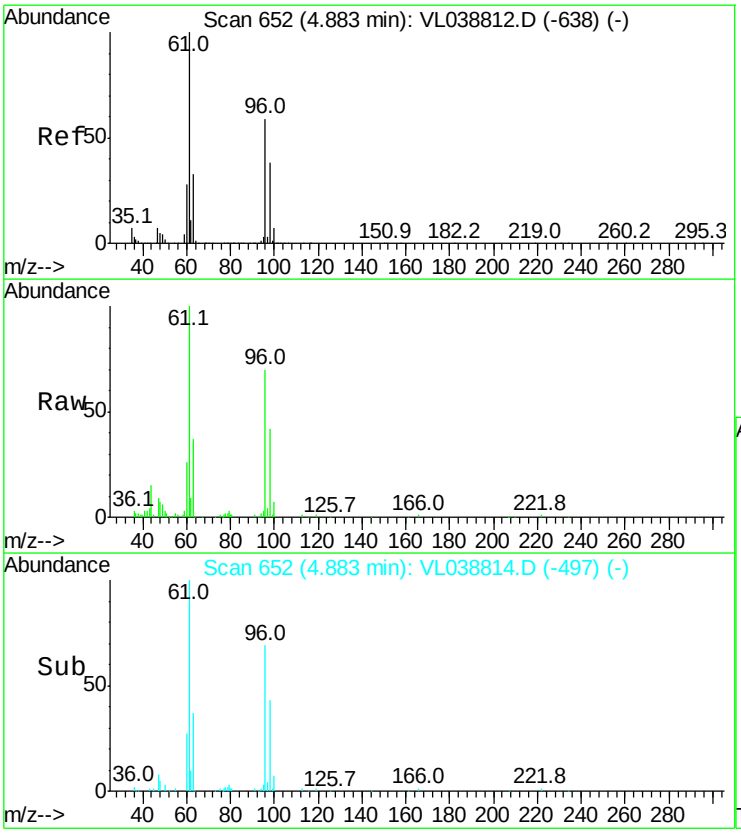
#21
Allyl Chloride
Concen: 1.21 ppbv
RT: 4.42
Delta R.T
Lab File:
Acq: 5 Apr 2022 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 41 Resp: 109512

Ion	Ratio	Lower	Upper
41	100		
76	29.1	23.7	35.5
39	77.7	62.0	93.0

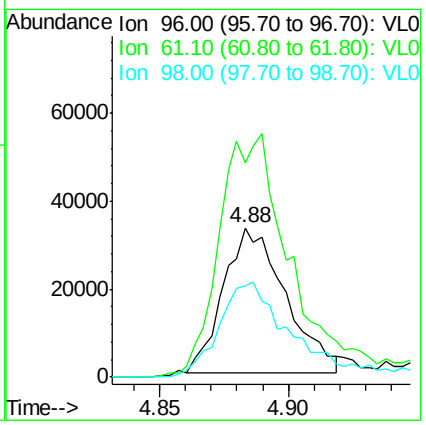


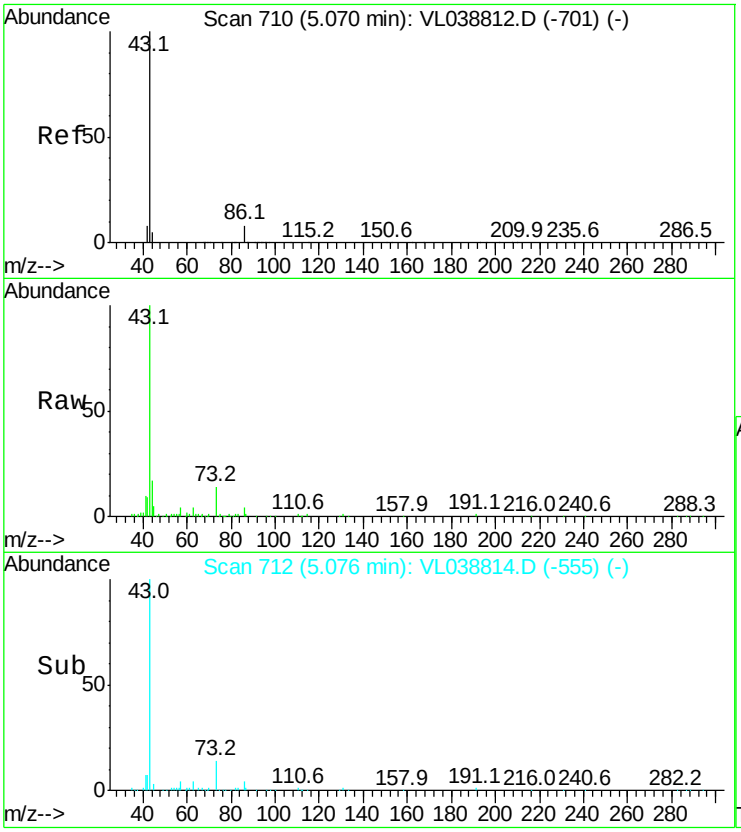


#22
trans-1,2-Dichloroethene
Concen: 0.90 ppbv
RT: 4.88 min Scan# 652
Delta R.T. -0.00 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Tgt Ion: 96 Resp: 55606

Ion	Ratio	Lower	Upper
96	100		
61	140.4	134.8	202.2
98	57.6	51.9	77.9



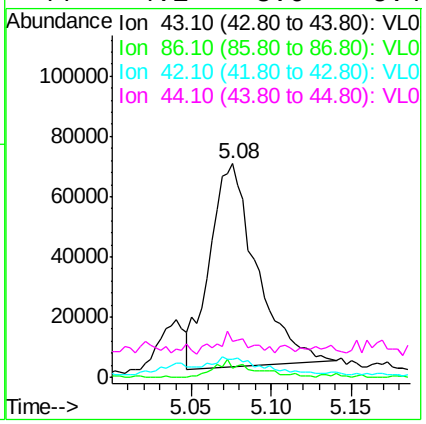


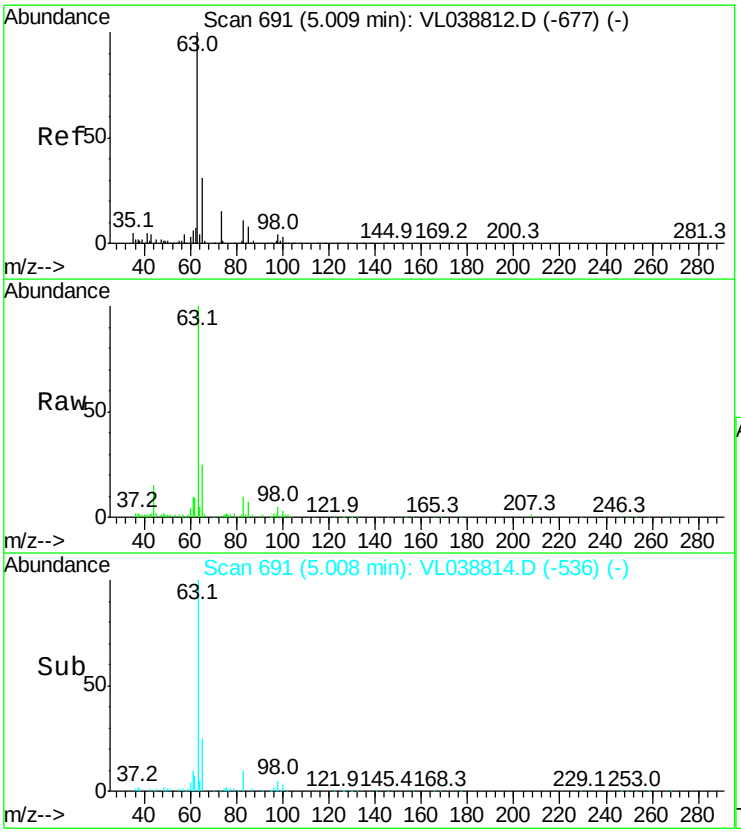
#23
Vinyl Acetate
Concen: 1.13 ppbv
RT: 5.08
Delta R.T
Lab File:
Acq: 5 Apr 2022 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 137440

Ion	Ratio	Lower	Upper
43	100		
86	5.3	5.8	8.6#
42	7.1	7.8	11.6#
44	4.1	3.6	5.4

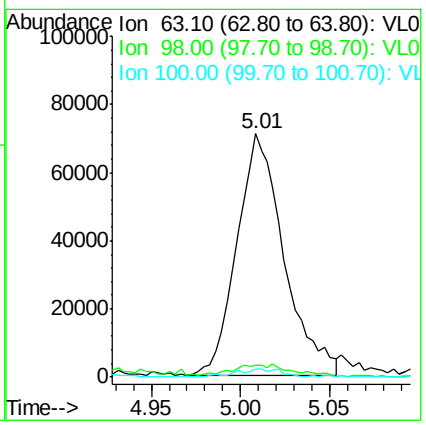


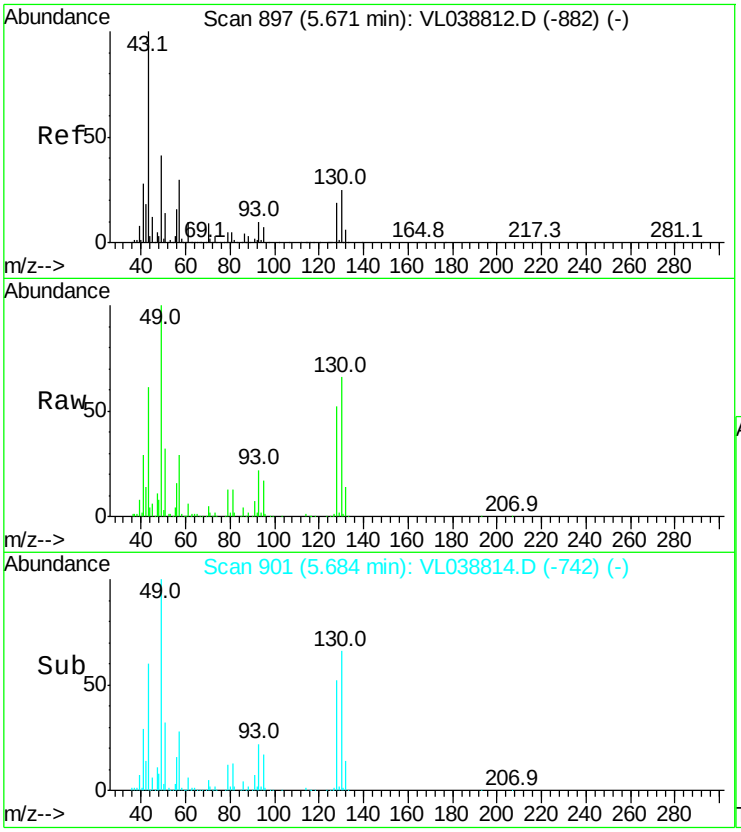


#24
1,1-Dichloroethane
Concen: 1.10 ppbv
RT: 5.01 min Scan# 691
Delta R.T. -0.00 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Tgt Ion: 63 Resp: 131166

Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.2	6.6
100	3.2	1.4	4.0



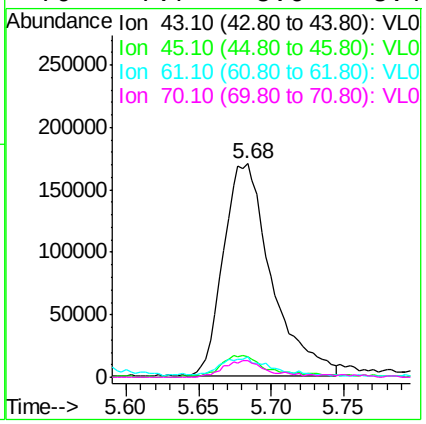


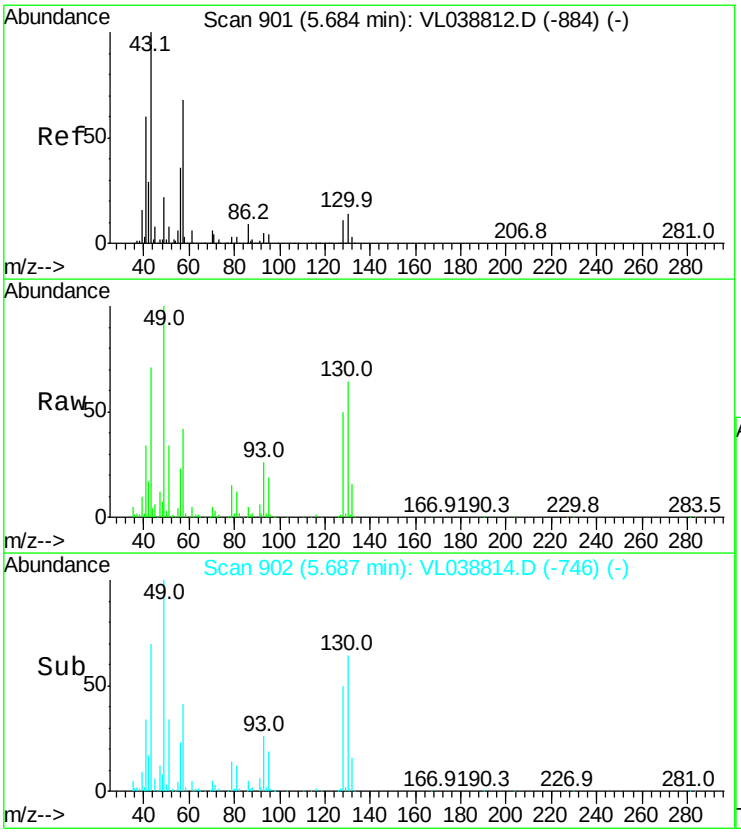
#25
Ethyl Acetate
Concen: 1.24 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 5 Apr 2022 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 390753

Ion	Ratio	Lower	Upper
43	100		
45	11.0	8.4	12.6
61	10.3	7.9	11.9
70	7.7	5.6	8.4

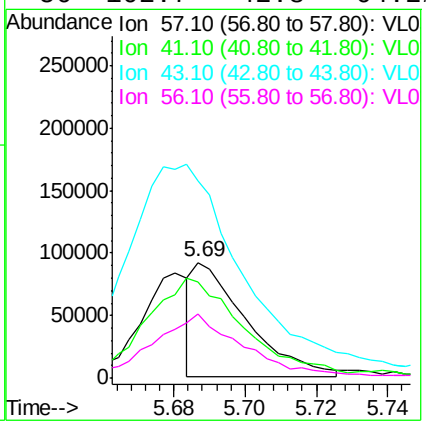


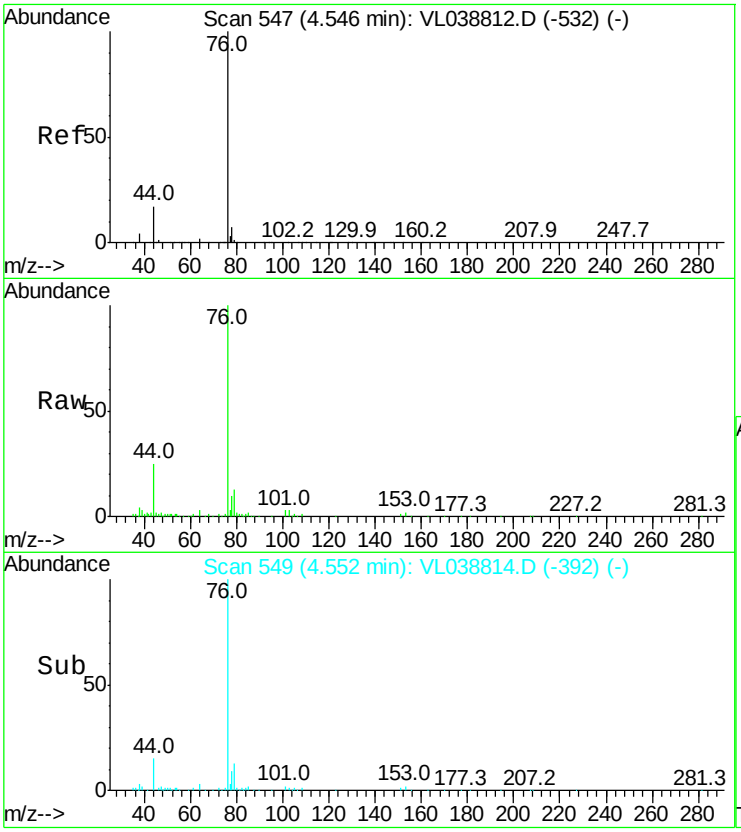


#26
Hexane
Concen: 0.67 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.00 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Tgt Ion: 57 Resp: 94013

Ion	Ratio	Lower	Upper
57	100		
41	168.4	72.0	108.0#
43	442.2	186.6	280.0#
56	102.7	42.8	64.2#



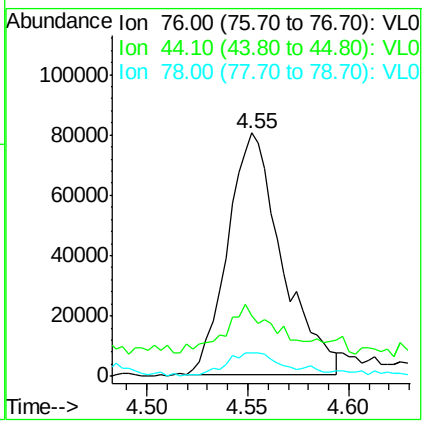


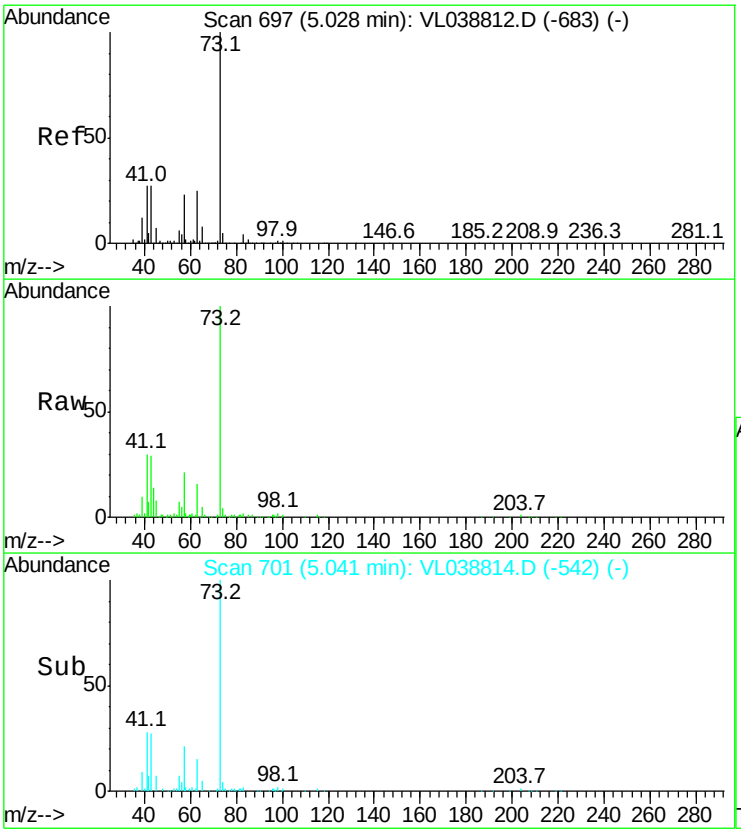
#27
Carbon Disulfide
Concen: 1.09 ppbv
RT: 4.55
Delta R.T
Lab File:
Acq: 5 Apr 2022 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 76 Resp: 151137

Ion	Ratio	Lower	Upper
76	100		
44	25.6	15.7	23.5#
78	13.7	7.8	11.8#

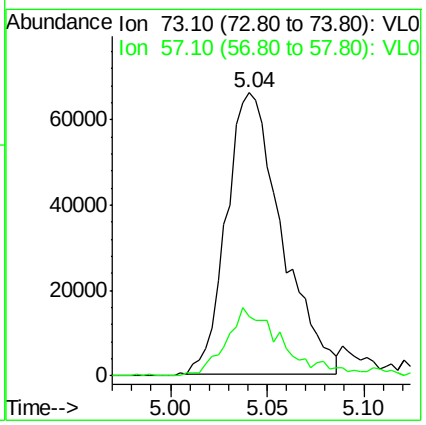


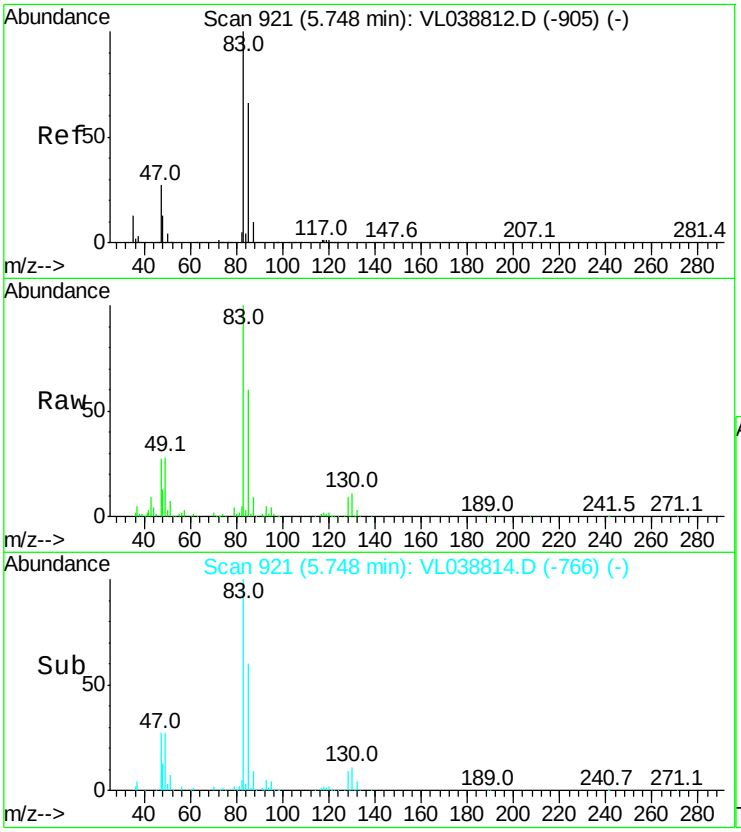


#28
Methyl tert-Butyl Ether
Concen: 1.25 ppbv
RT: 5.04 min Scan# 701
Delta R.T. 0.01 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Tgt Ion: 73 Resp: 131426

Ion	Ratio	Lower	Upper
73	100		
57	25.9	19.7	29.5



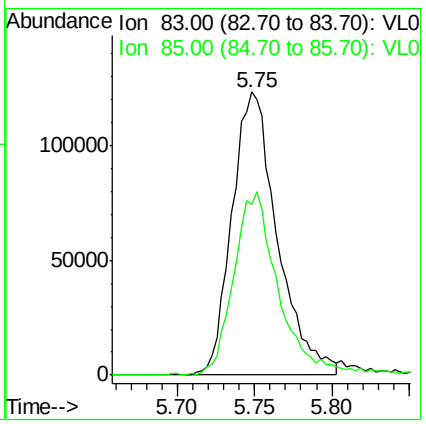


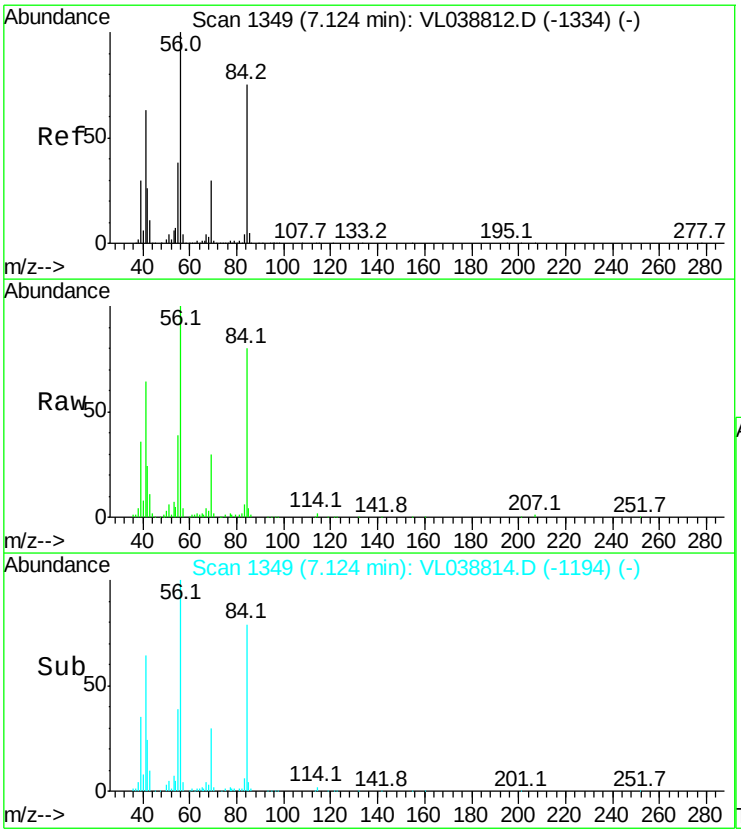
#29
Chloroform
Concen: 1.11 ppbv
RT: 5.75
Delta R.T
Lab File:
Acq: 5 Apr 2022 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 251822

Ion	Ratio	Lower	Upper
83	100		
85	60.4	52.5	78.7

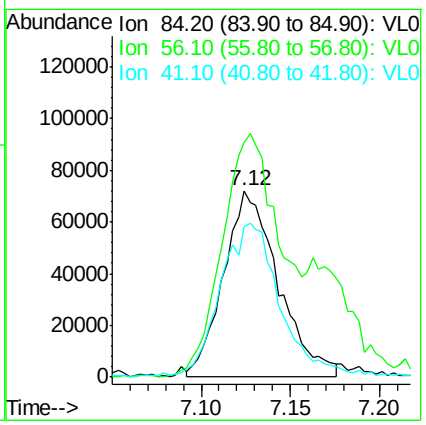


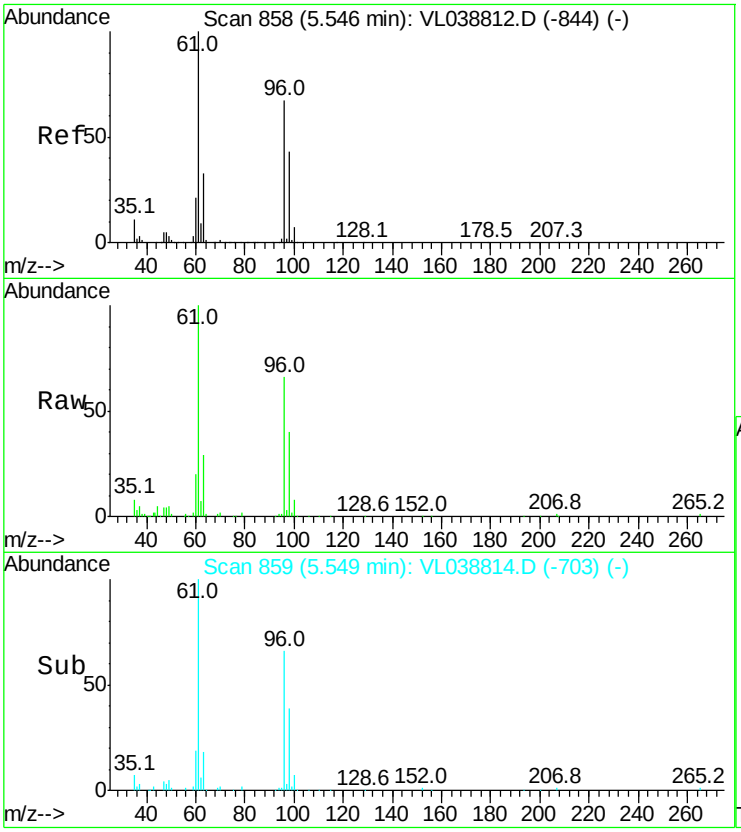


#30
Cyclohexane
Concen: 1.25 ppbv
RT: 7.12 min Scan# 1349
Delta R.T. -0.00 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Tgt Ion: 84 Resp: 153470

Ion	Ratio	Lower	Upper
84	100		
56	194.4	114.4	171.6#
41	88.4	69.0	103.4



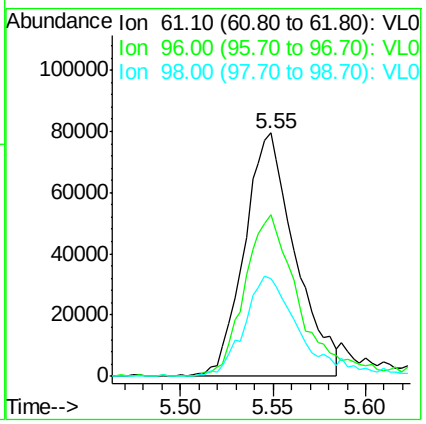


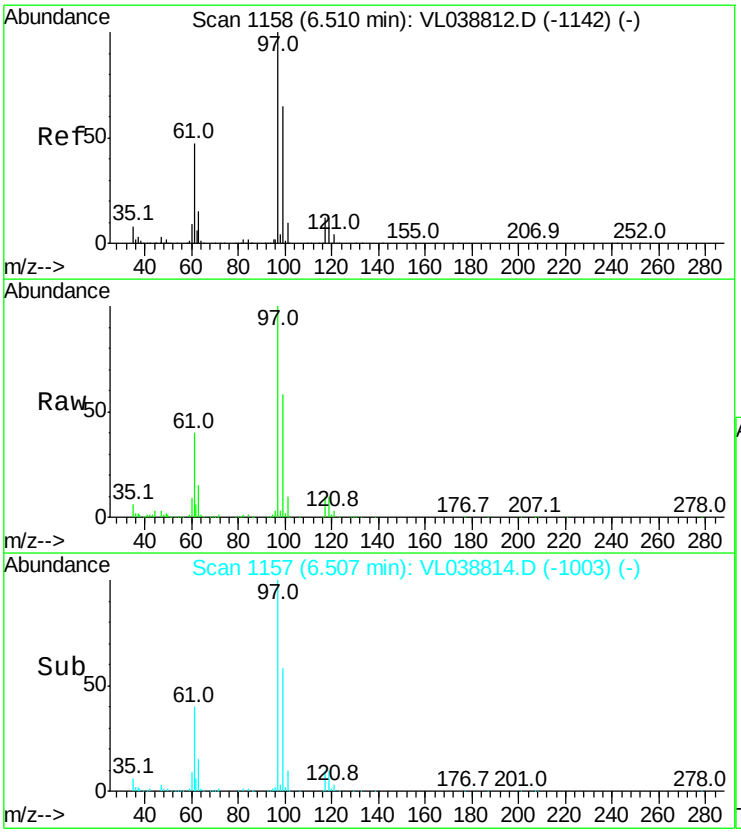
#31
cis-1,2-Dichloroethene
Concen: 1.14 ppbv
RT: 5.55
Delta R.T
Lab File:
Acq: 5 Apr 2022 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 61 Resp: 151923

Ion	Ratio	Lower	Upper
61	100		
96	66.4	53.4	80.0
98	40.2	34.2	51.4

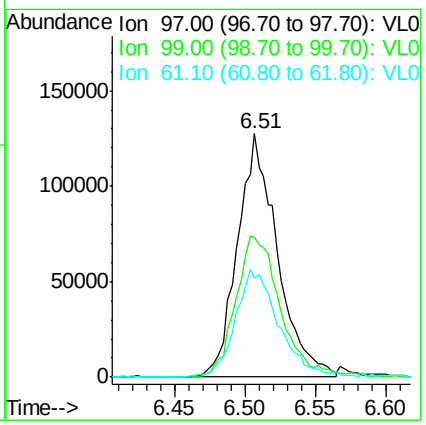


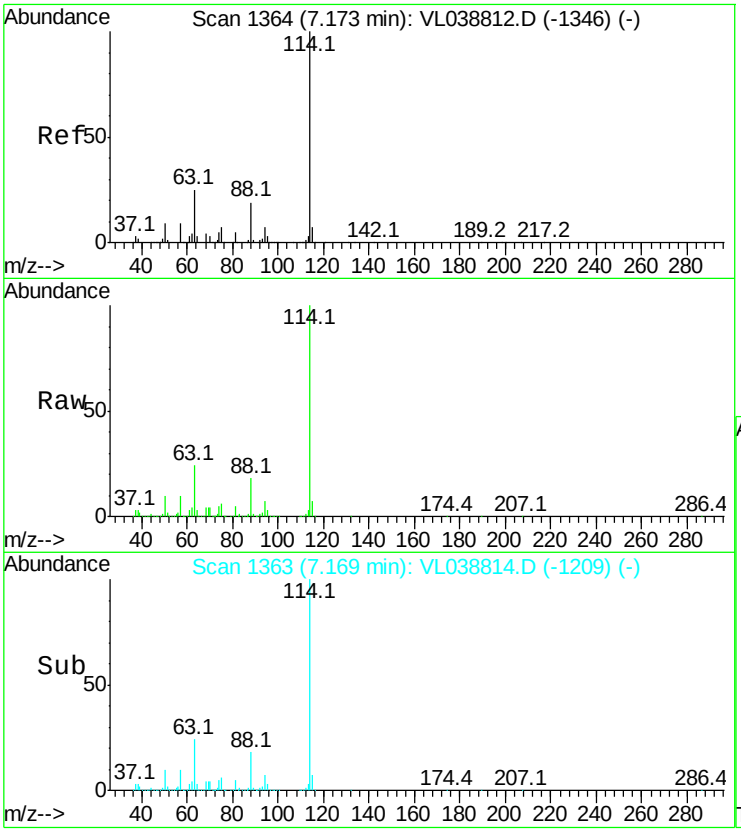


#32
1,1,1-Trichloroethane
Concen: 1.15 ppbv
RT: 6.51 min Scan# 1157
Delta R.T. -0.00 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Tgt Ion: 97 Resp: 251464

Ion	Ratio	Lower	Upper
97	100		
99	65.5	52.4	78.6
61	49.3	38.6	57.8



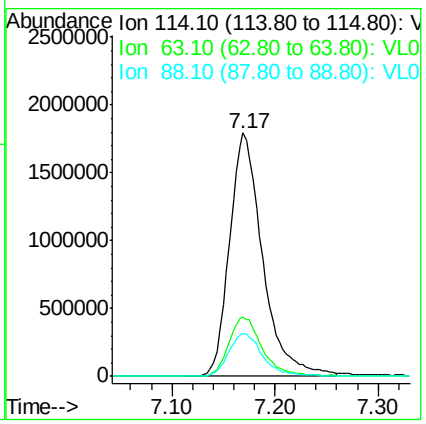


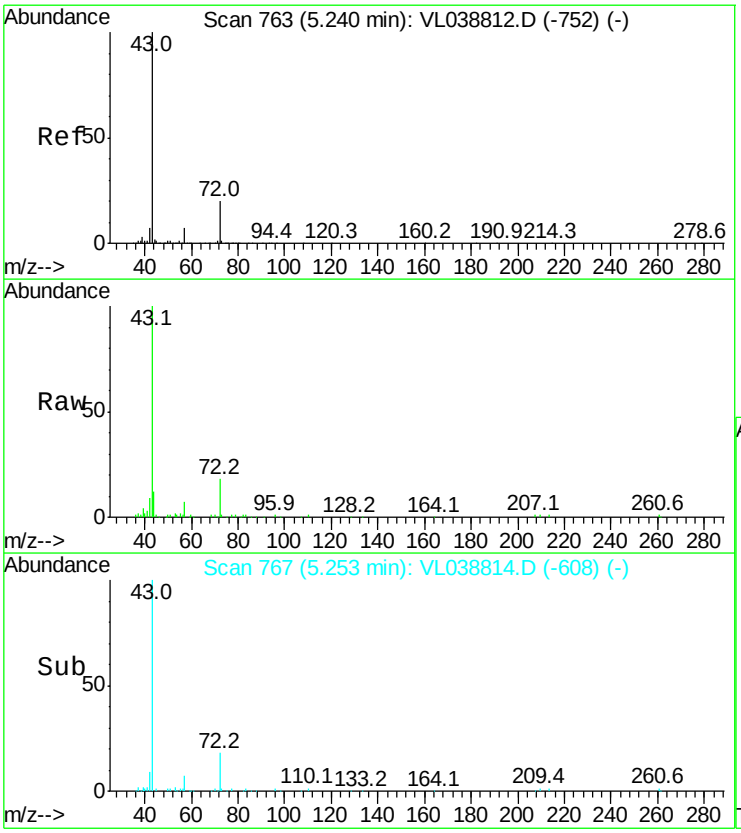
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 5 Apr 2022 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:114 Resp: 4008373

Ion	Ratio	Lower	Upper
114	100		
63	24.8	19.8	29.8
88	18.2	14.2	21.4

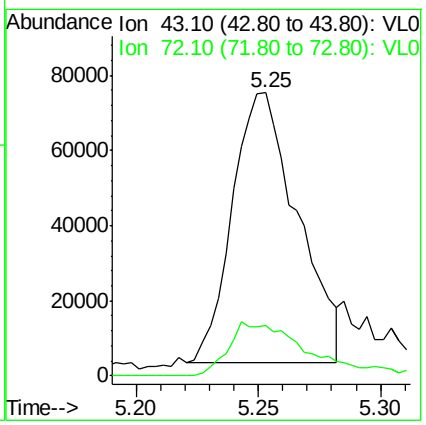


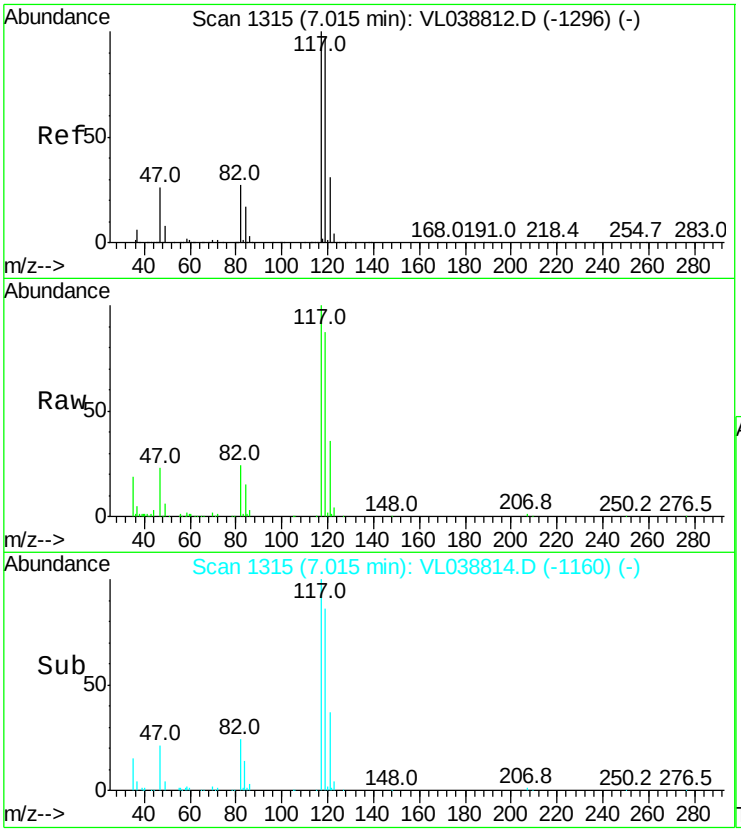


#34
2-Butanone
Concen: 0.84 ppbv
RT: 5.25 min Scan# 767
Delta R.T. 0.01 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Tgt Ion: 43 Resp: 133872

Ion	Ratio	Lower	Upper
43	100		
72	26.2	16.9	25.3#



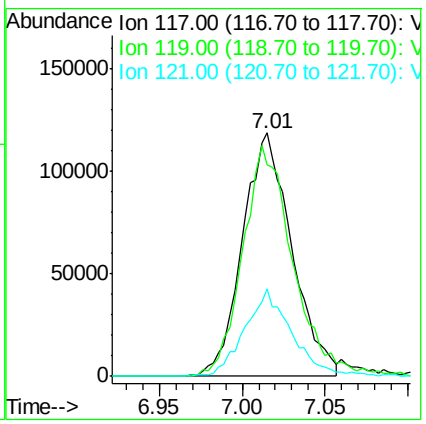


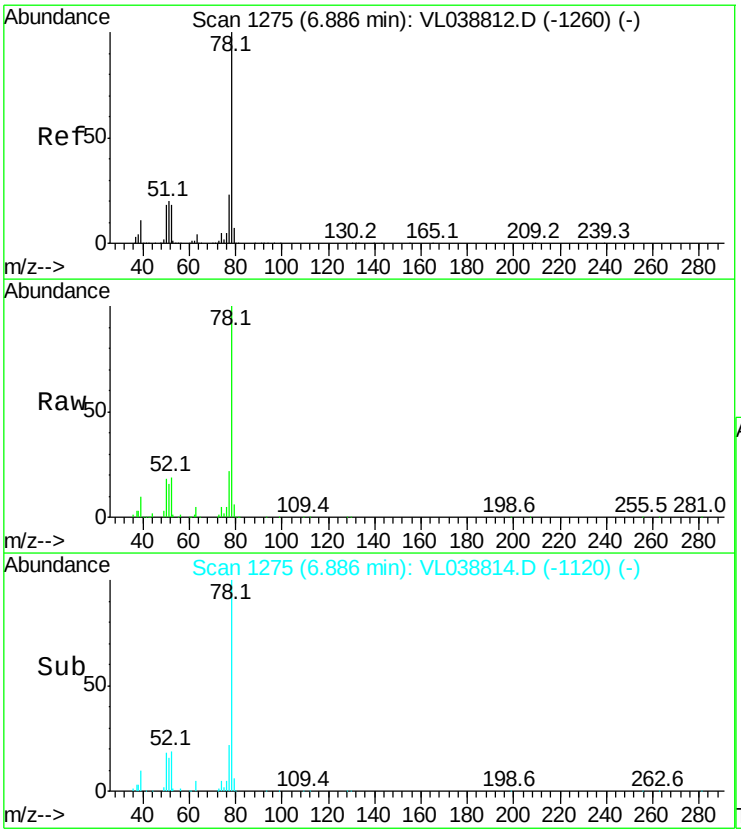
#35
Carbon Tetrachloride
Concen: 1.06 ppbv
RT: 7.01
Delta R.T
Lab File:
Acq: 5 Apr 2022 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:117 Resp: 245512

Ion	Ratio	Lower	Upper
117	100		
119	87.1	77.7	116.5
121	36.0	24.5	36.7

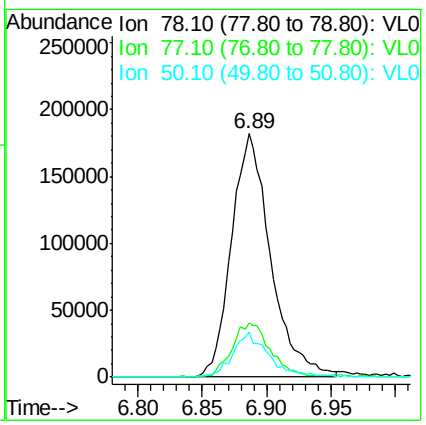


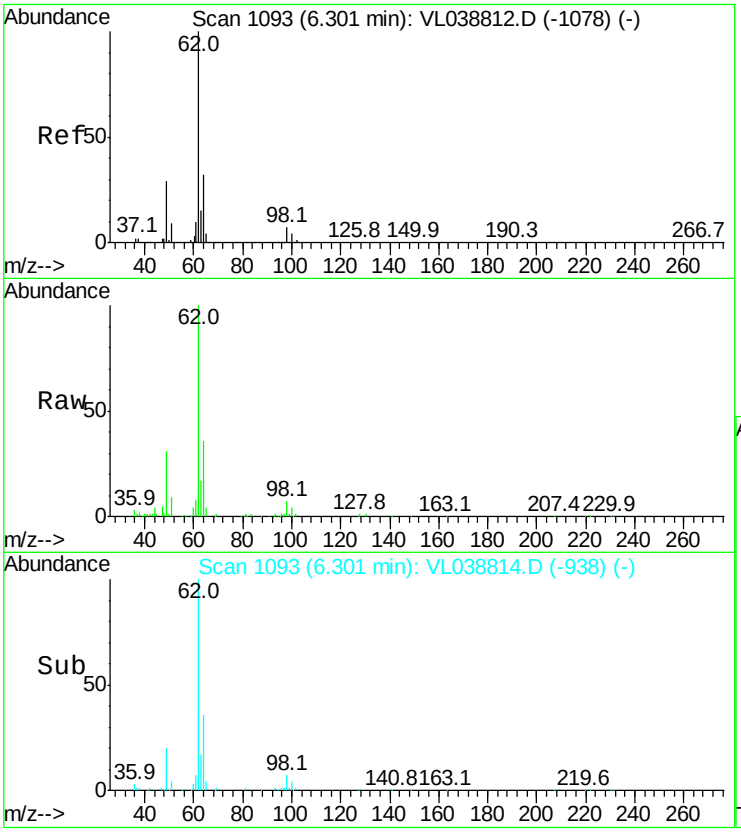


#36
Benzene
Concen: 1.24 ppbv
RT: 6.89 min Scan# 1275
Delta R.T. -0.00 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Tgt Ion: 78 Resp: 384751

Ion	Ratio	Lower	Upper
78	100		
77	22.2	18.2	27.2
50	18.4	14.0	21.0



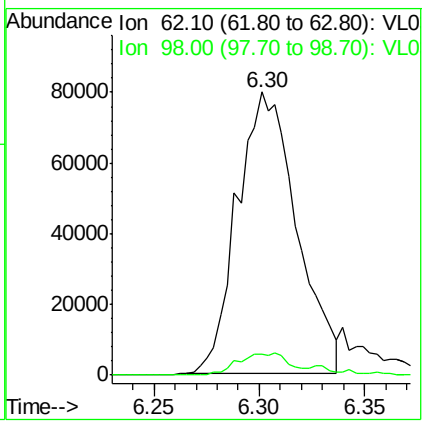


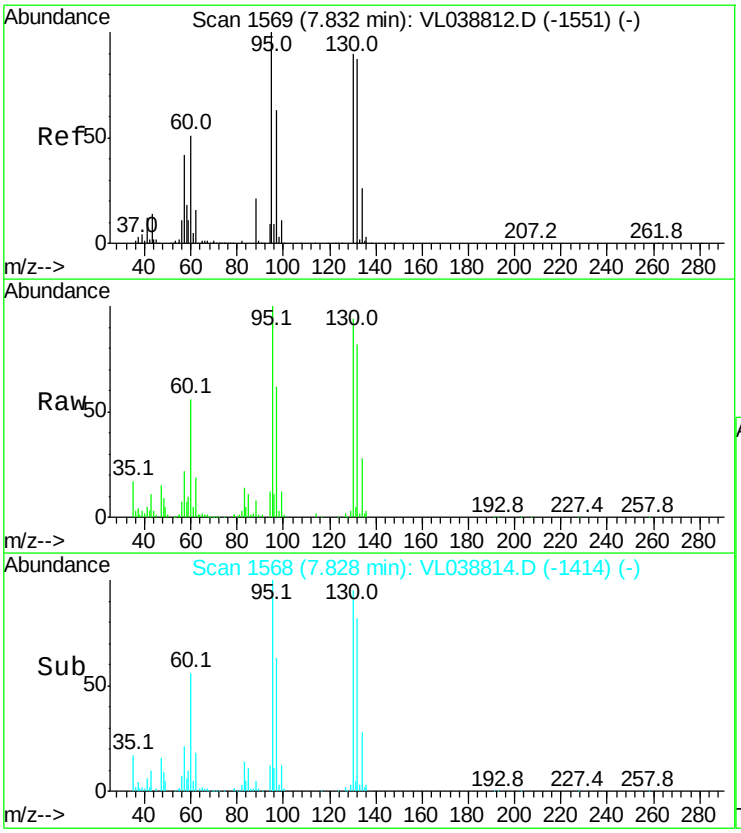
#37
1,2-Dichloroethane
Concen: 0.99 ppbv
RT: 6.30
Delta R.T
Lab File:
Acq: 5 Apr 2022 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 62 Resp: 155946

Ion	Ratio	Lower	Upper
62	100		
98	8.6	5.9	8.9

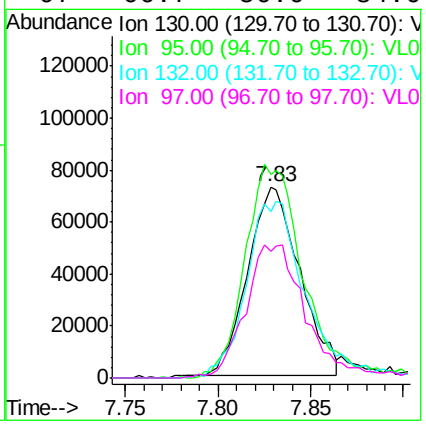


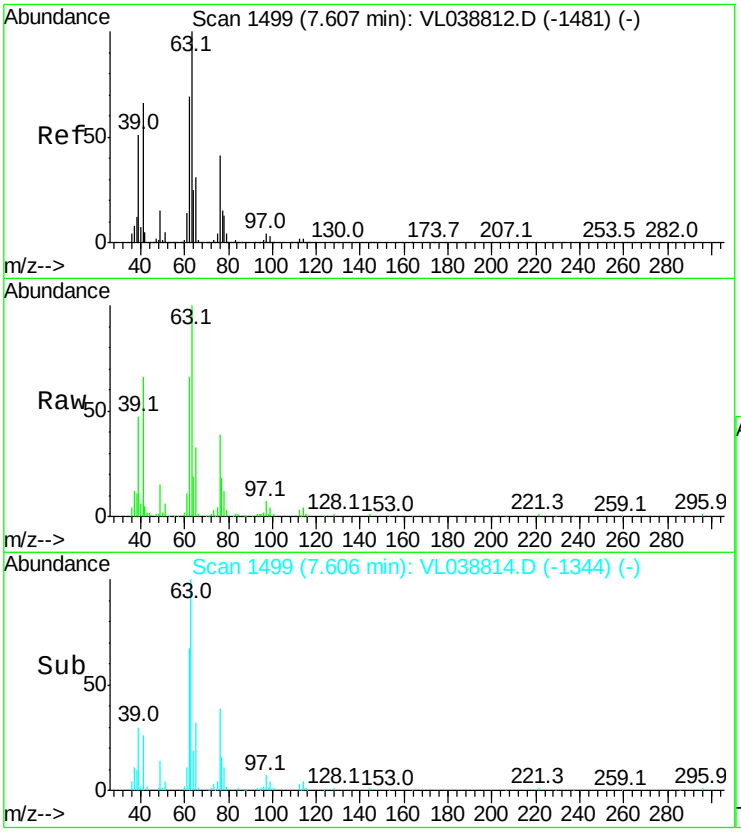


#38
Trichloroethene
Concen: 1.11 ppbv
RT: 7.83 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Tgt Ion:130 Resp: 143318

Ion	Ratio	Lower	Upper
130	100		
95	107.7	89.4	134.0
132	87.5	77.7	116.5
97	66.7	56.0	84.0



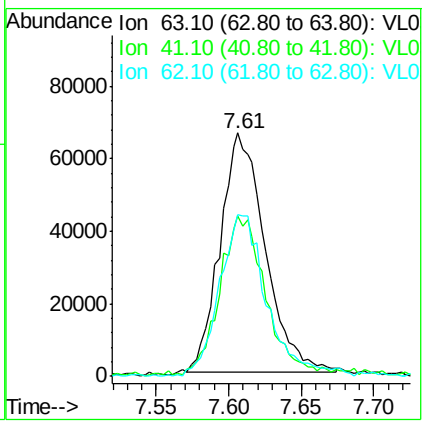


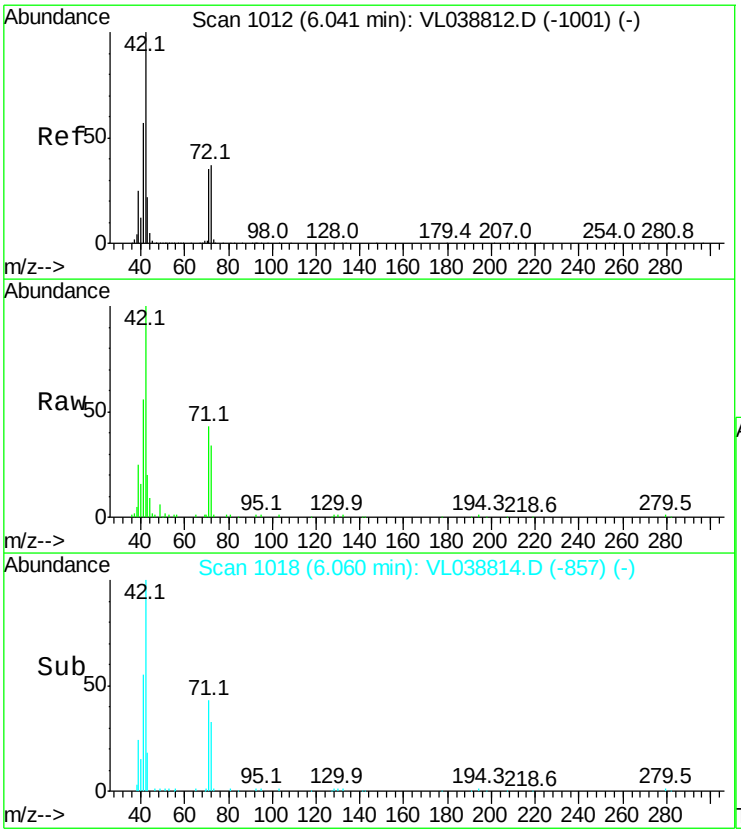
#39
1,2-Dichloropropane
Concen: 1.17 ppbv
RT: 7.61
Delta R.T
Lab File:
Acq: 5 Apr 2022 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 63 Resp: 141910

Ion	Ratio	Lower	Upper
63	100		
41	64.4	53.0	79.6
62	64.6	55.0	82.4

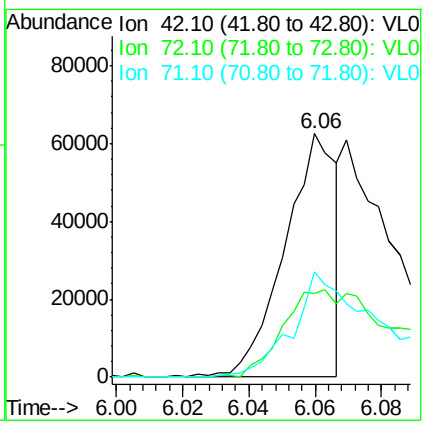


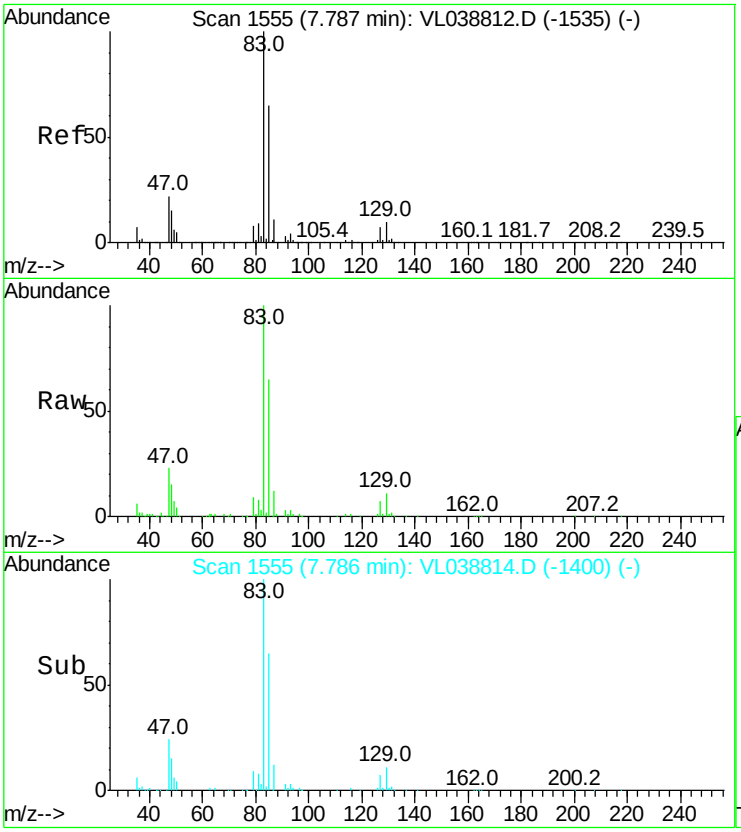


#41
Tetrahydrofuran
Concen: 0.57 ppbv
RT: 6.06 min Scan# 1018
Delta R.T. 0.02 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Tgt Ion: 42 Resp: 66981

Ion	Ratio	Lower	Upper
42	100		
72	91.6	31.4	47.0#
71	86.4	30.2	45.4#



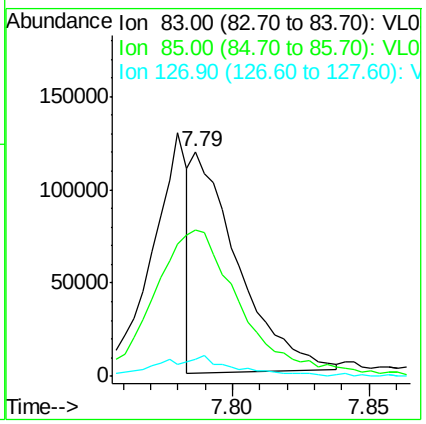


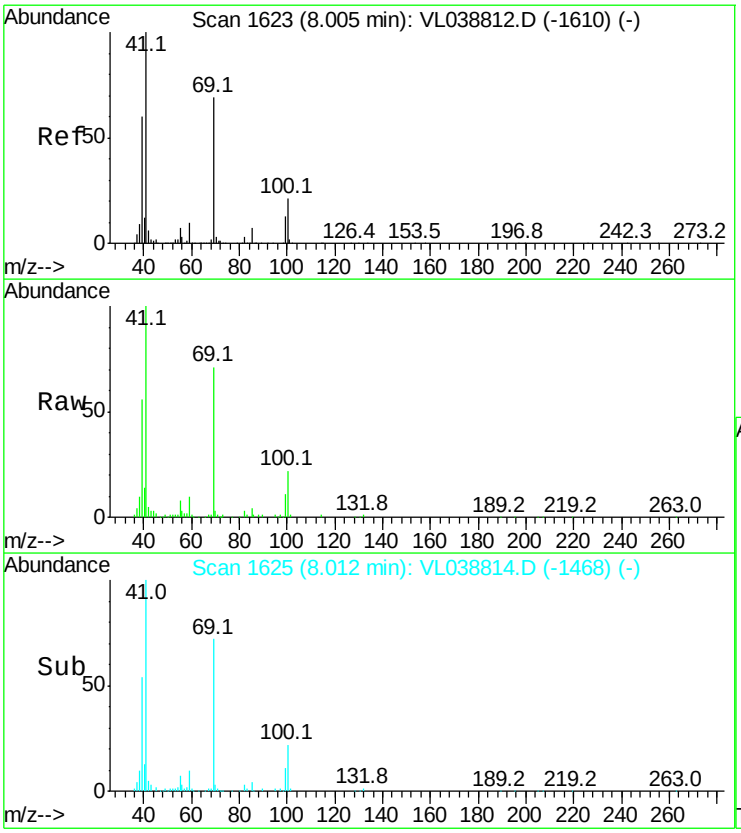
#42
Bromodichloromethane
Concen: 0.58 ppbv
RT: 7.79
Delta R.T
Lab File:
Acq: 5 Apr 2022 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 83 Resp: 137828

Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.7	77.5
127	7.1	5.9	8.9

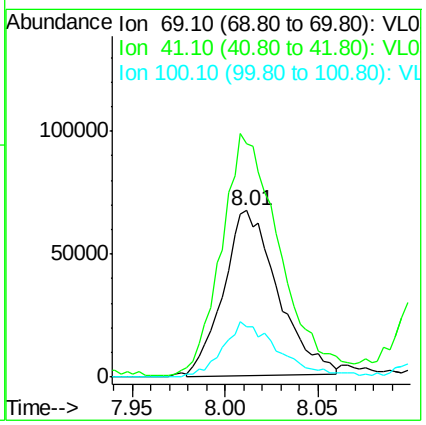


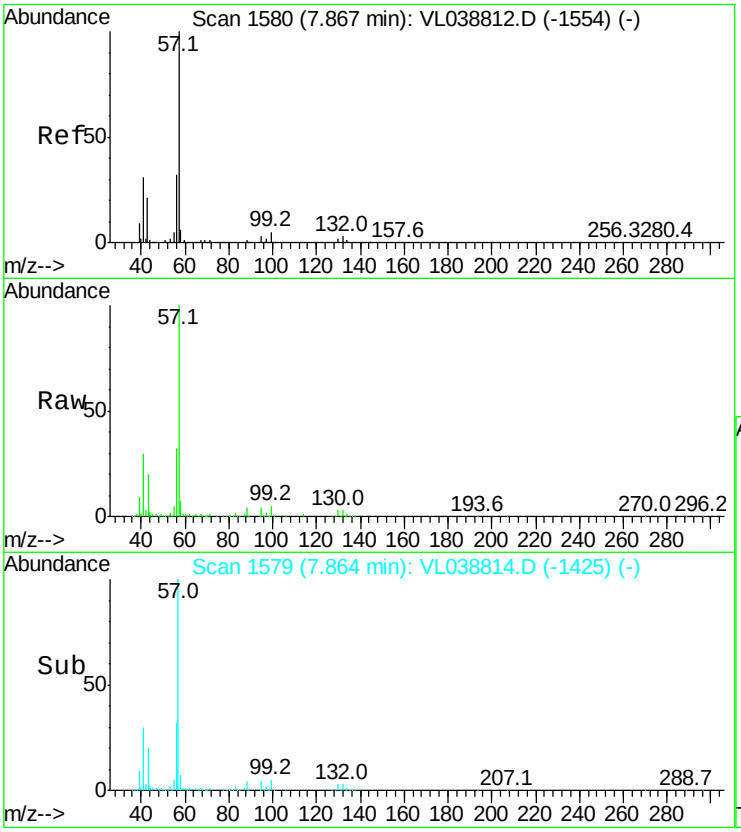


#43
Methyl Methacrylate
Concen: 1.19 ppbv
RT: 8.01 min Scan# 1625
Delta R.T. 0.01 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Tgt Ion: 69 Resp: 136777

Ion	Ratio	Lower	Upper
69	100		
41	158.6	119.0	178.4
100	35.0	26.4	39.6



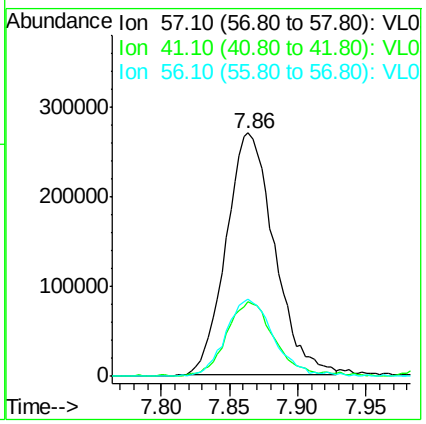


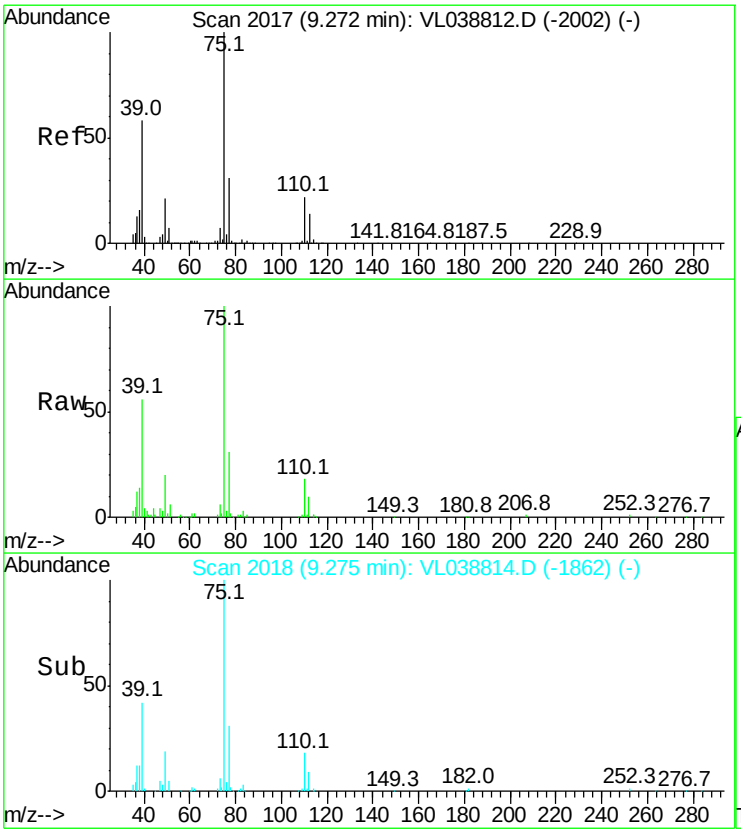
#44
2,2,4-Trimethylpentane
Concen: 1.28 ppbv
RT: 7.86
Delta R.T
Lab File:
Acq: 5 Apr 2022 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 57 Resp: 663693

Ion	Ratio	Lower	Upper
57	100		
41	30.4	25.0	37.4
56	32.1	25.3	37.9

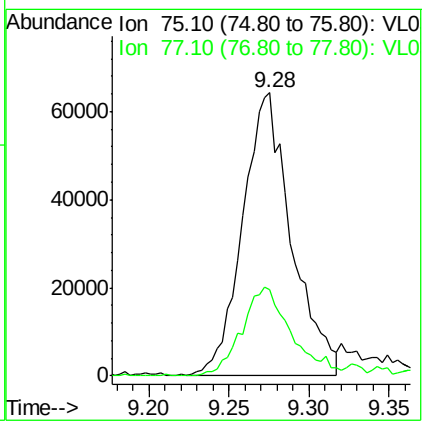


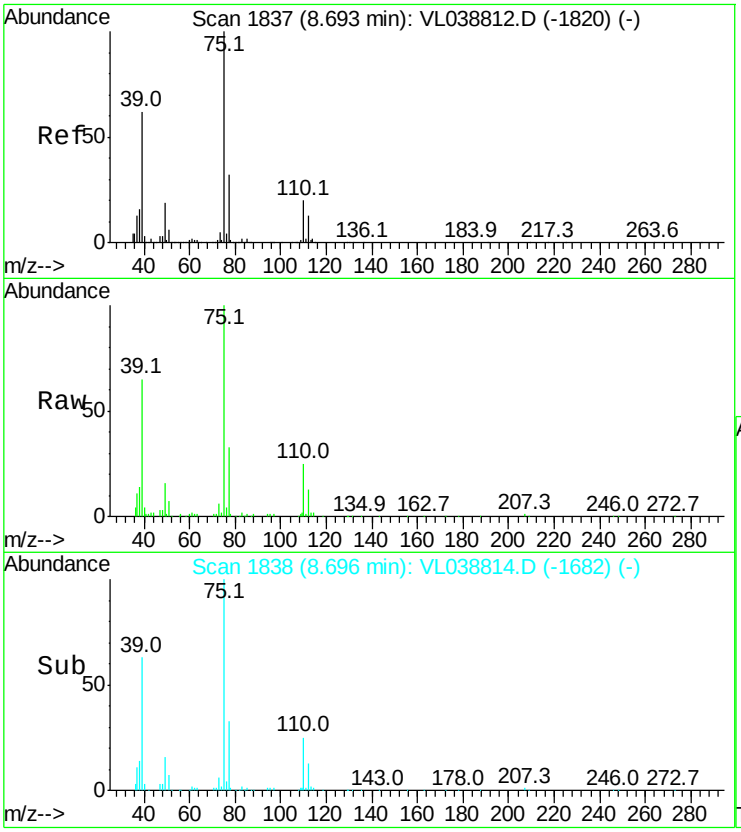


#45
t-1,3-Dichloropropene
Concen: 1.16 ppbv
RT: 9.28 min Scan# 2018
Delta R.T. 0.00 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Tgt Ion: 75 Resp: 135252

Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.0	37.4



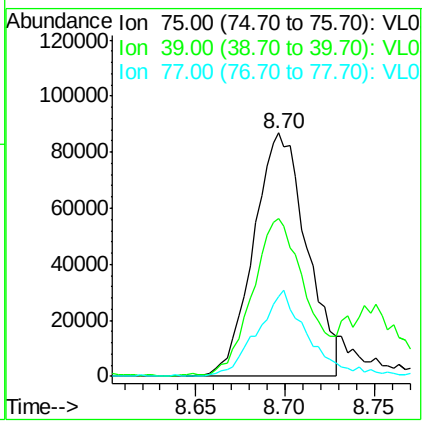


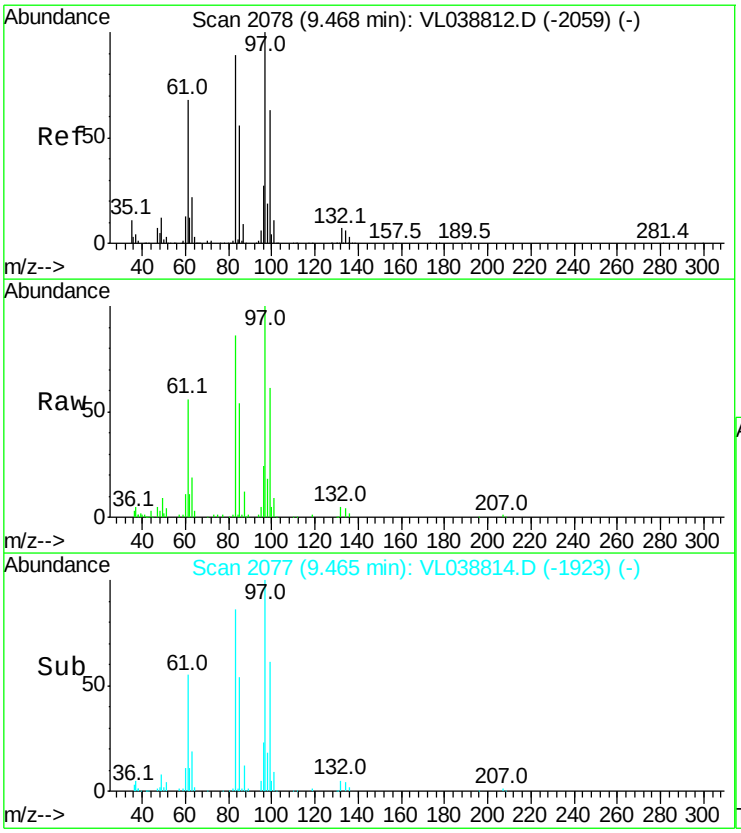
#46
cis-1,3-Dichloropropene
Concen: 1.15 ppbv
RT: 8.70
Delta R.T
Lab File:
Acq: 5 Apr 2022 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 75 Resp: 181284

Ion	Ratio	Lower	Upper
75	100		
39	64.6	49.7	74.5
77	33.0	25.6	38.4

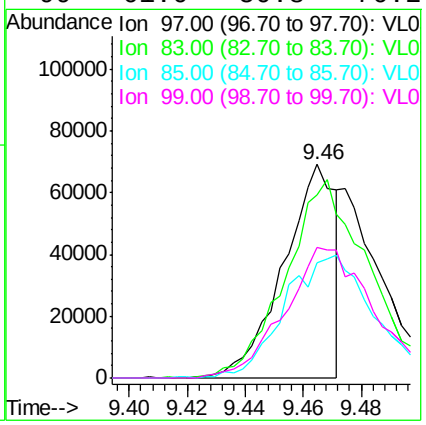


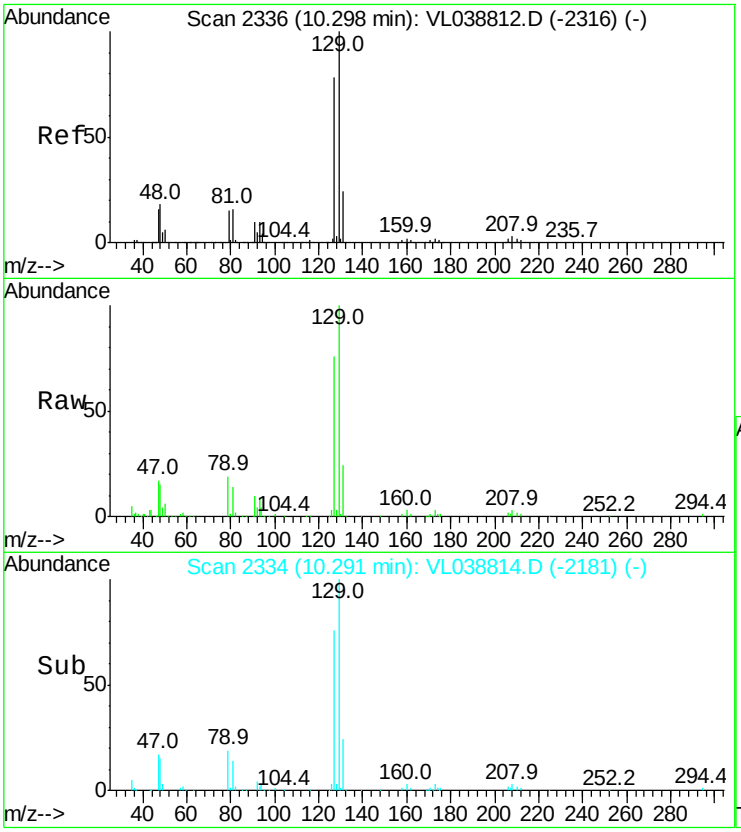


#47
1,1,2-Trichloroethane
Concen: 0.67 ppbv
RT: 9.46 min Scan# 2077
Delta R.T. -0.00 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Tgt Ion: 97 Resp: 86106

Ion	Ratio	Lower	Upper
97	100		
83	85.8	71.1	106.7
85	53.6	45.1	67.7
99	61.0	50.8	76.2



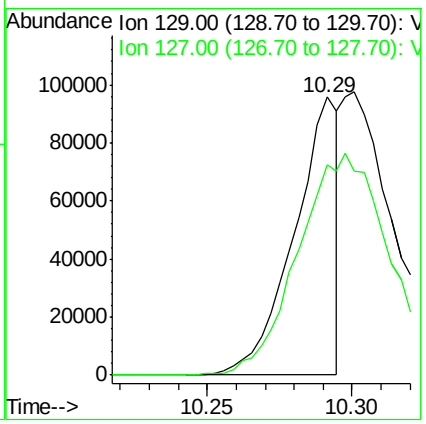


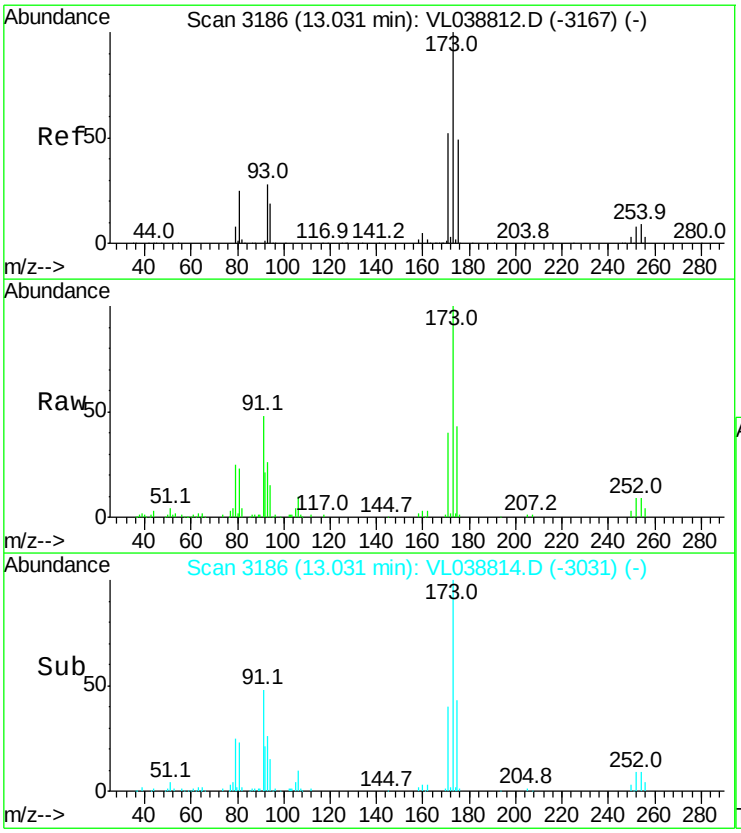
#48
Dibromochloromethane
Concen: 0.50 ppbv
RT: 10.29
Delta R.T
Lab File:
Acq: 5 Apr 2022 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:129 Resp: 100619

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.9	116.6#

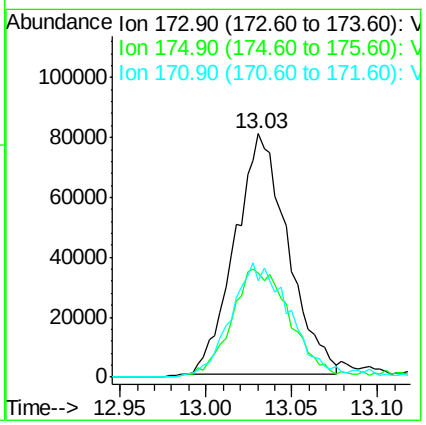


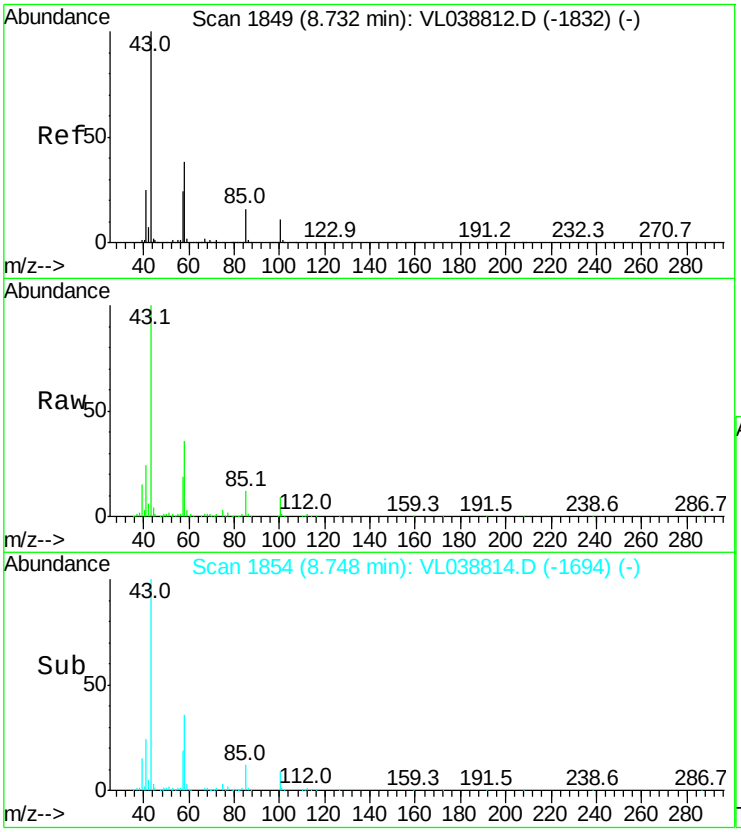


#49
Bromoform
Concen: 1.04 ppbv
RT: 13.03 min Scan# 3186
Delta R.T. -0.00 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Tgt Ion:173 Resp: 171850

Ion	Ratio	Lower	Upper
173	100		
175	50.4	39.9	59.9
171	54.4	43.4	65.0



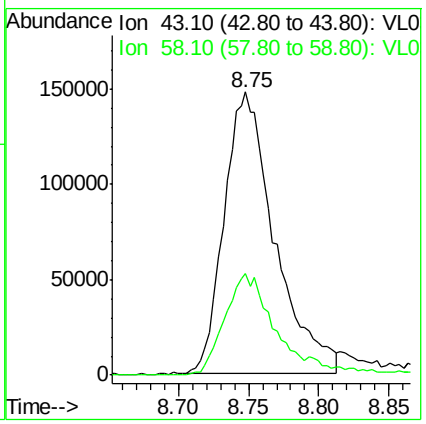


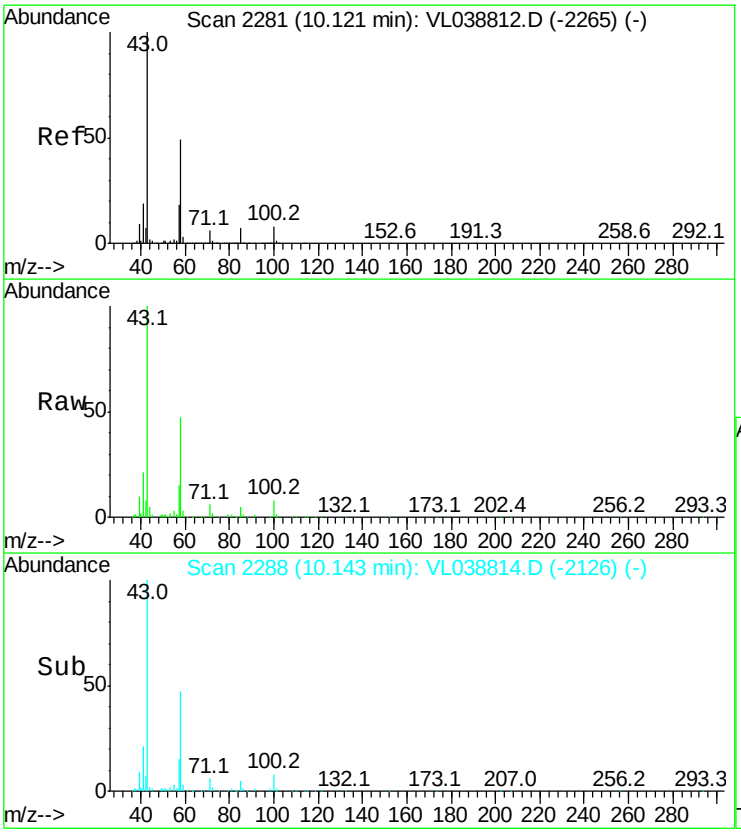
#50
4-Methyl-2-Pentanone
Concen: 1.26 ppbv
RT: 8.75
Delta R.T
Lab File:
Acq: 5 Apr 2022 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 370833

Ion	Ratio	Lower	Upper
43	100		
58	38.5	29.0	43.6

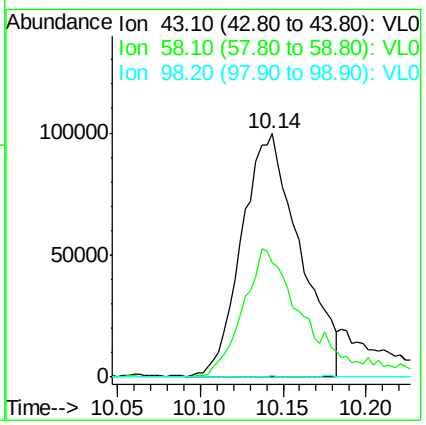


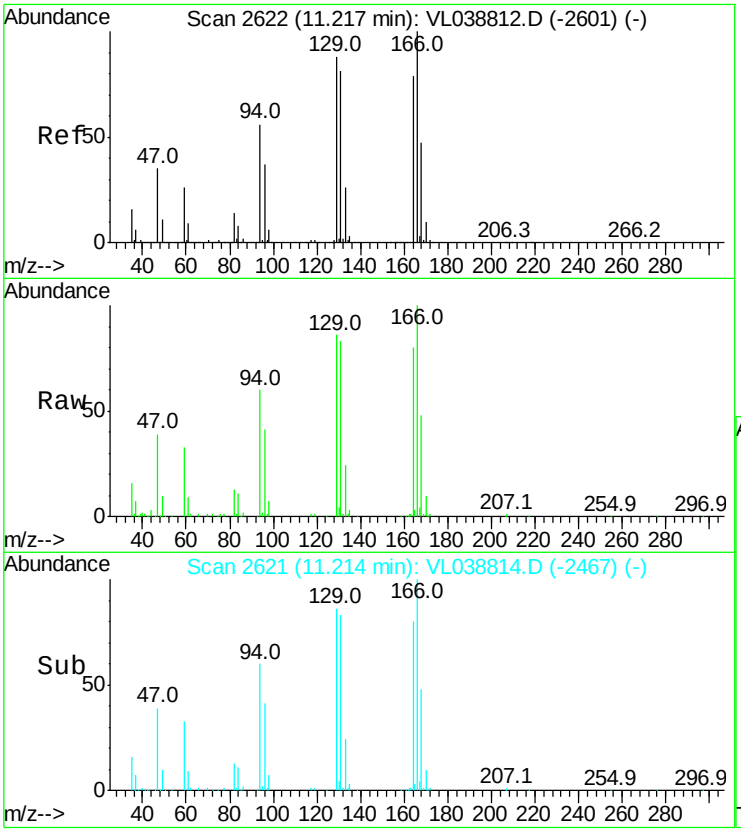


#51
2-Hexanone
Concen: 1.14 ppbv
RT: 10.14 min Scan# 2288
Delta R.T. 0.02 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Tgt Ion: 43 Resp: 242291

Ion	Ratio	Lower	Upper
43	100		
58	58.4	41.4	62.0
98	0.0	0.1	0.1#



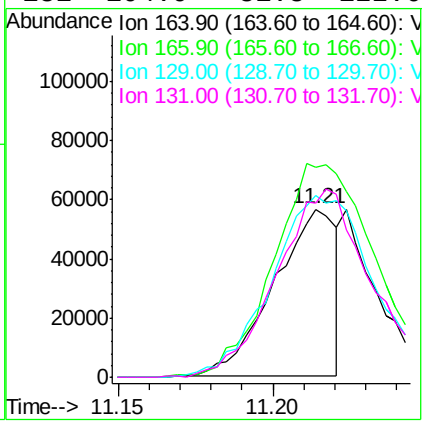


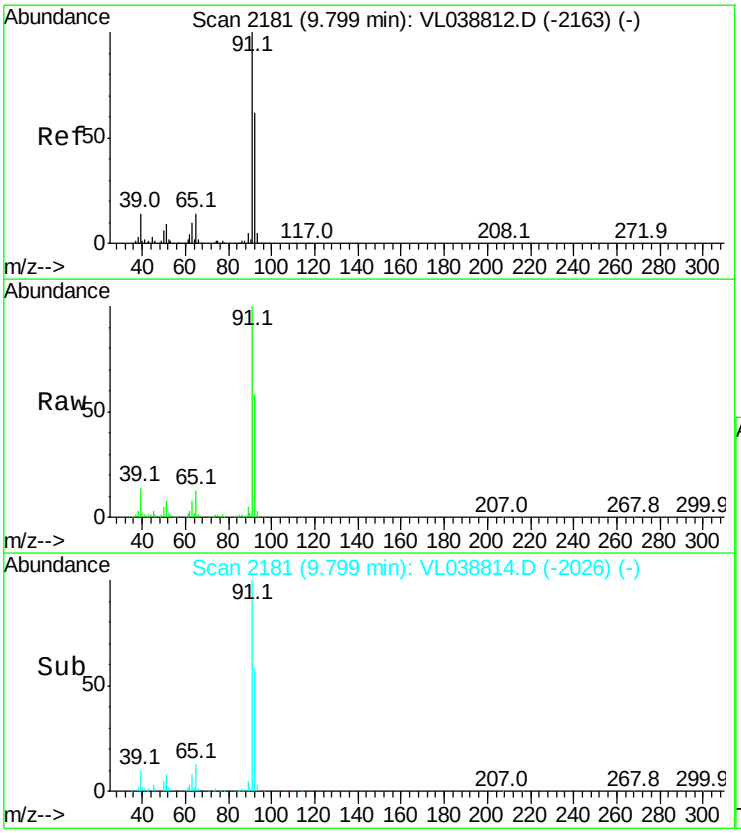
#52
Tetrachloroethene
Concen: 0.69 ppbv
RT: 11.21
Delta R.T
Lab File:
Acq: 5 Apr 2022 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:164 Resp: 78038

Ion	Ratio	Lower	Upper
164	100		
166	124.7	101.0	151.6
129	107.2	88.7	133.1
131	104.9	81.8	122.6

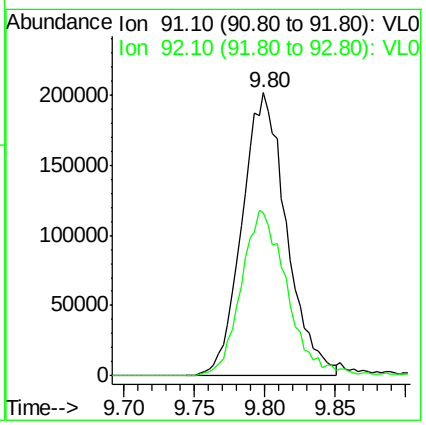


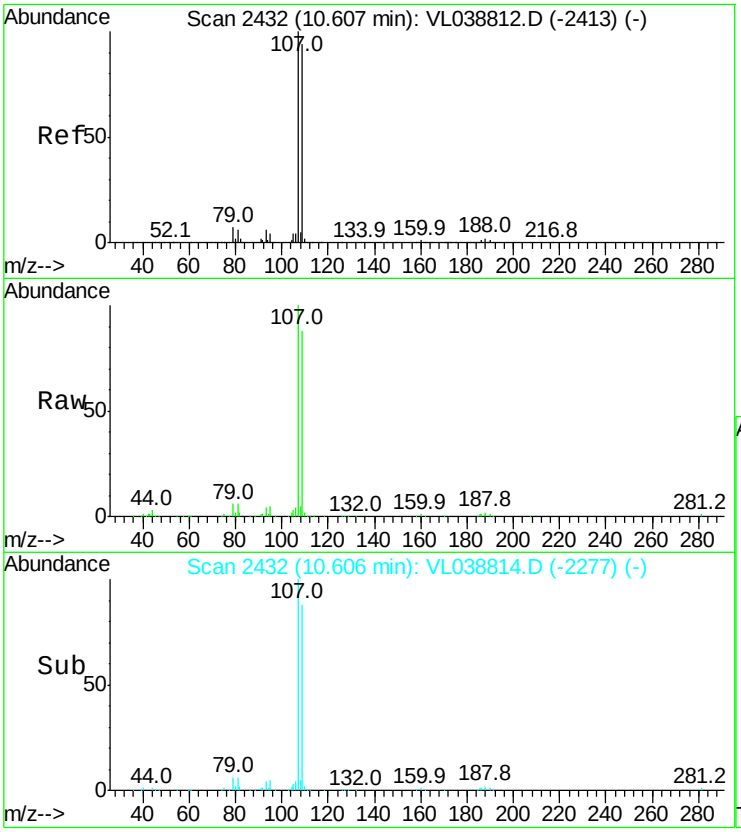


#53
Toluene
Concen: 1.34 ppbv
RT: 9.80 min Scan# 2181
Delta R.T. -0.00 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Tgt Ion: 91 Resp: 445007

Ion	Ratio	Lower	Upper
91	100		
92	60.9	49.2	73.8



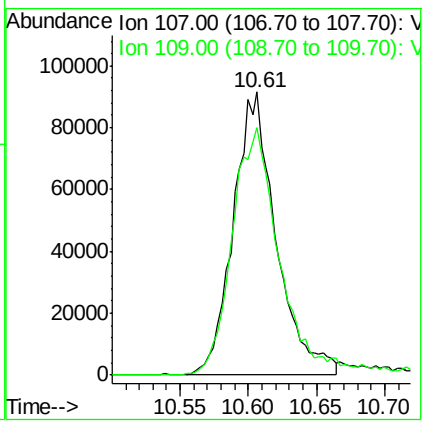


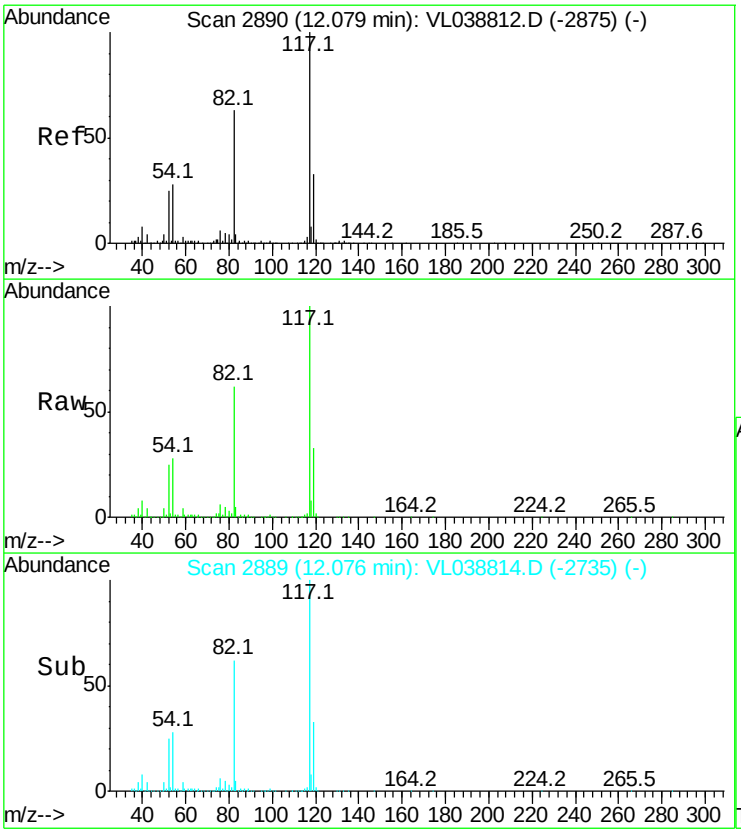
#54
1,2-Dibromoethane
Concen: 1.13 ppbv
RT: 10.61
Delta R.T
Lab File:
Acq: 5 Apr 2022 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:107 Resp: 200040

Ion	Ratio	Lower	Upper
107	100		
109	86.8	75.5	113.3

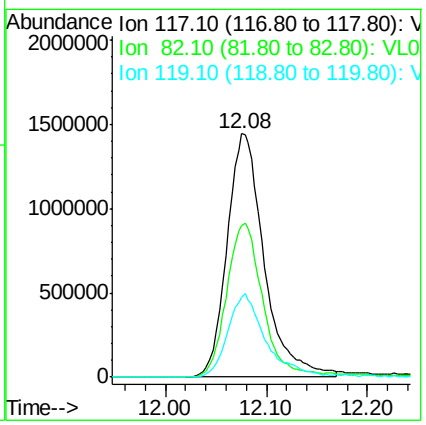


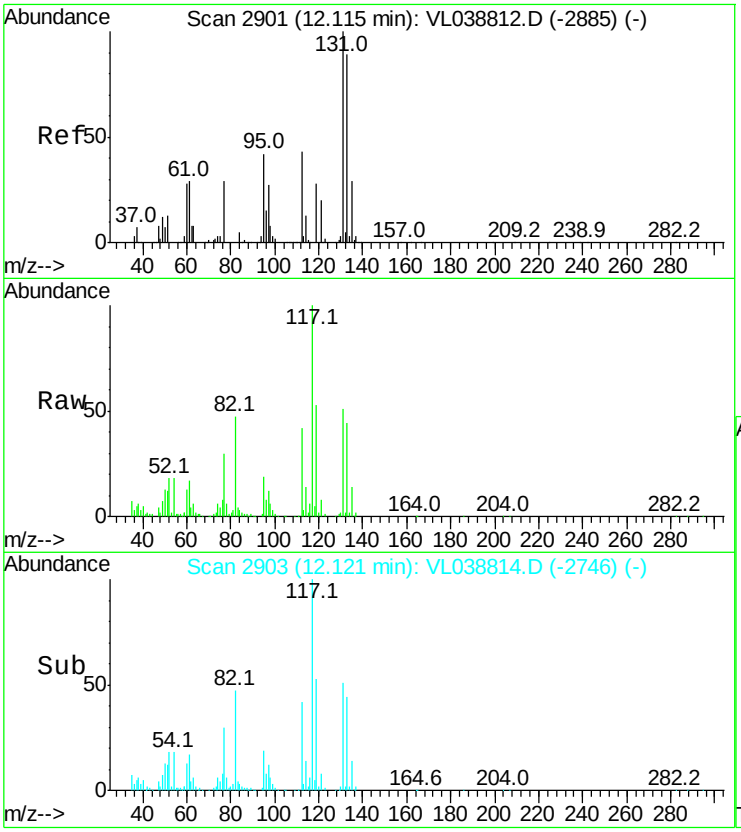


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. -0.00 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Tgt Ion:117 Resp: 3692749

Ion	Ratio	Lower	Upper
117	100		
82	64.5	53.0	79.6
119	36.3	24.9	37.3



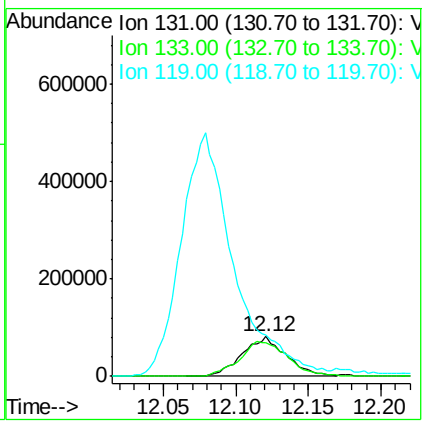


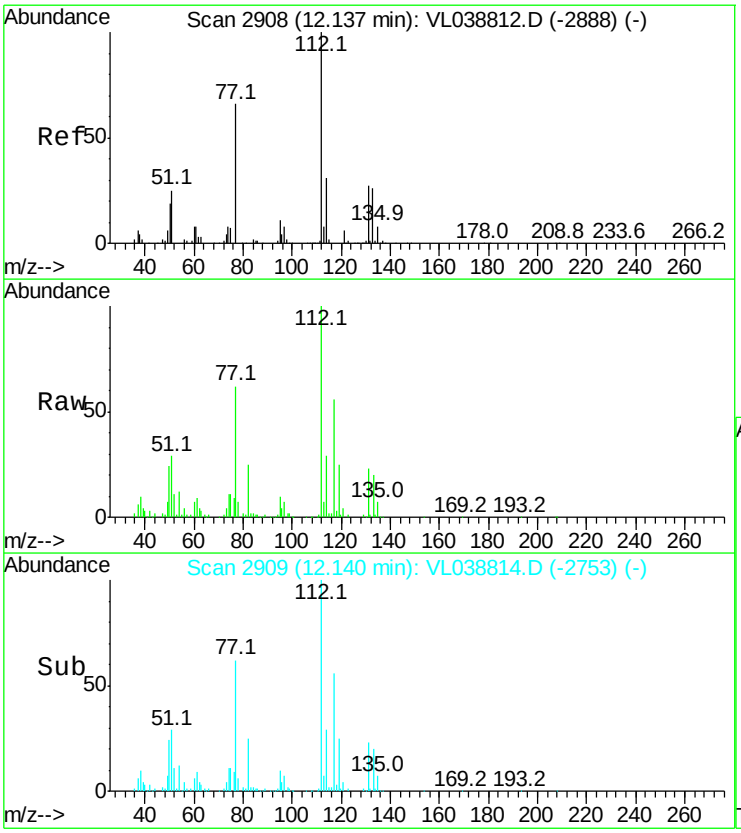
#56
1,1,1,2-Tetrachloroethane
Concen: 1.12 ppbv
RT: 12.12
Delta R.T
Lab File:
Acq: 5 Apr 2022 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:131 Resp: 170984

Ion	Ratio	Lower	Upper
131	100		
133	97.8	78.2	117.4
119	783.4	58.6	87.8#

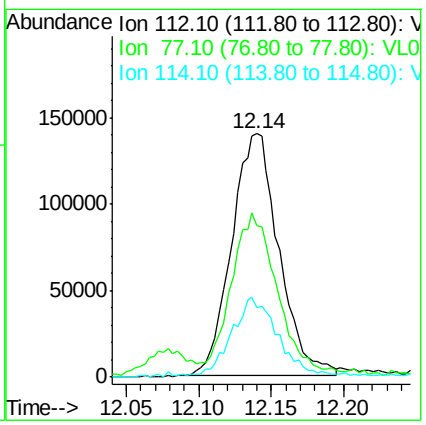


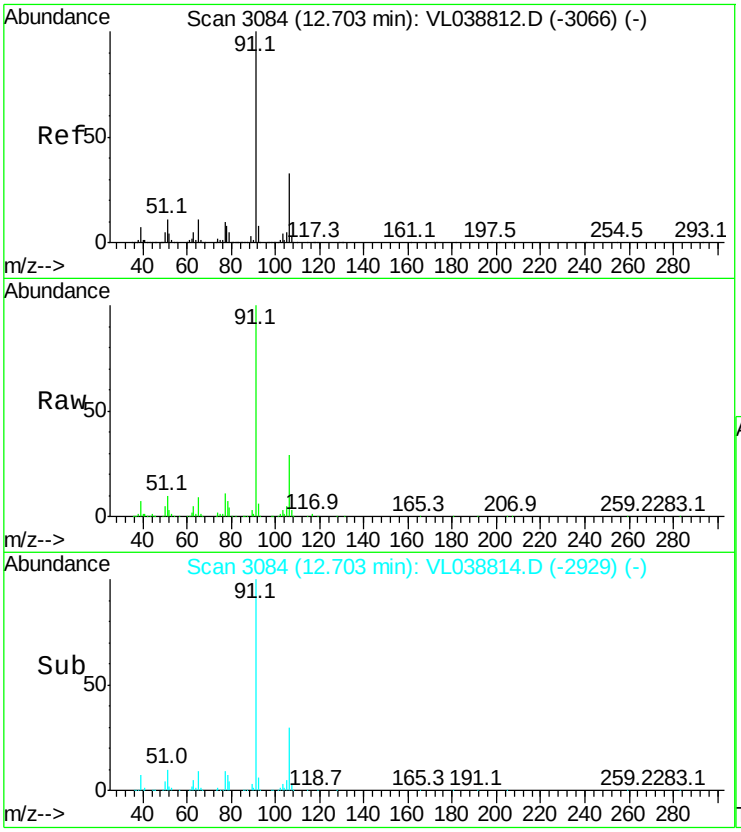


#57
Chlorobenzene
Concen: 1.19 ppbv
RT: 12.14 min Scan# 2909
Delta R.T. 0.00 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Tgt Ion:112 Resp: 317681

Ion	Ratio	Lower	Upper
112	100		
77	59.5	52.4	78.6
114	28.1	28.1	34.3#



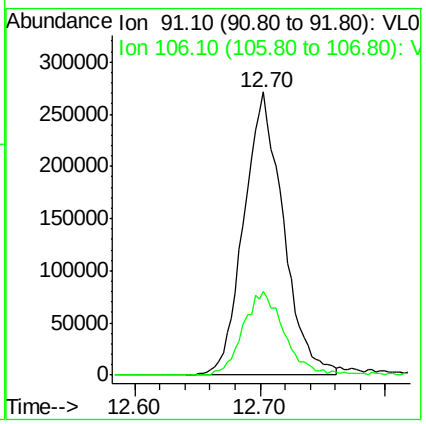


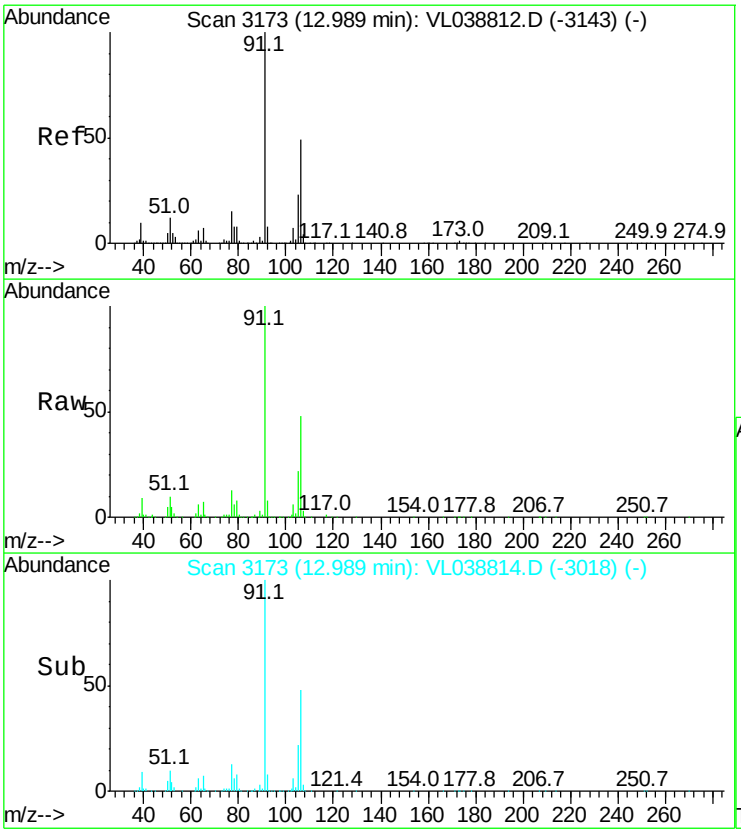
#58
Ethyl Benzene
Concen: 1.37 ppbv
RT: 12.70
Delta R.T
Lab File:
Acq: 5 Apr 2022 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 592267

Ion	Ratio	Lower	Upper
91	100		
106	29.5	26.7	40.1

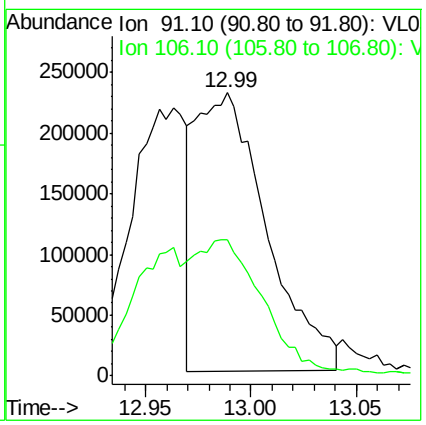


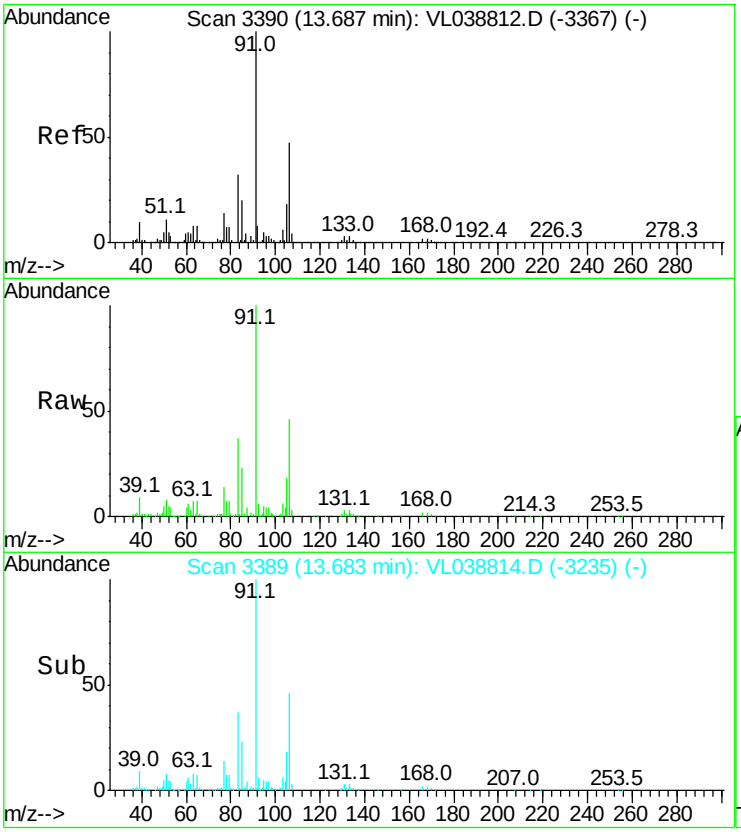


#59
m/p-Xylene
Concen: 1.42 ppbv
RT: 12.99 min Scan# 3173
Delta R.T. -0.00 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Tgt Ion: 91 Resp: 534428

Ion	Ratio	Lower	Upper
91	100		
106	82.7	37.1	55.7#



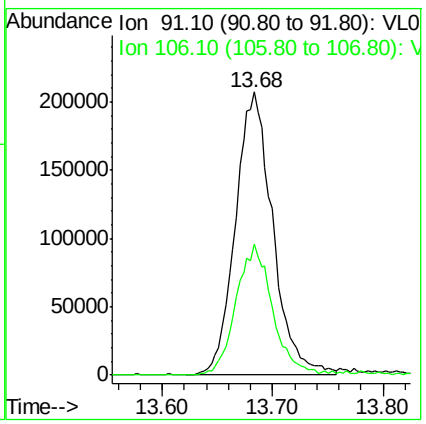


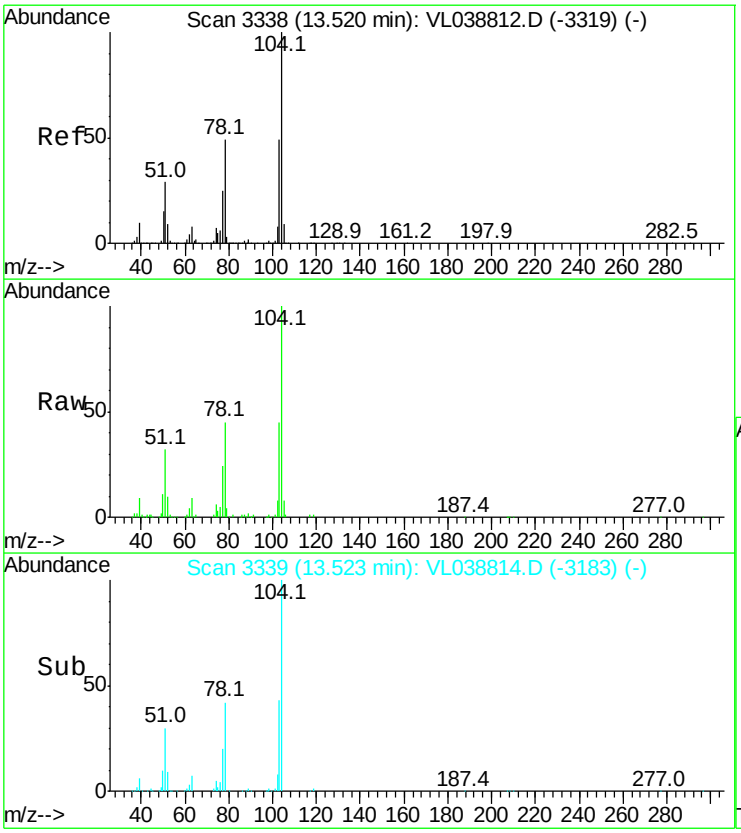
#60
o-Xylene
Concen: 1.36 ppbv
RT: 13.68
Delta R.T
Lab File:
Acq: 5 Apr 2022 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 485960

Ion	Ratio	Lower	Upper
91	100		
106	45.0	23.8	71.4

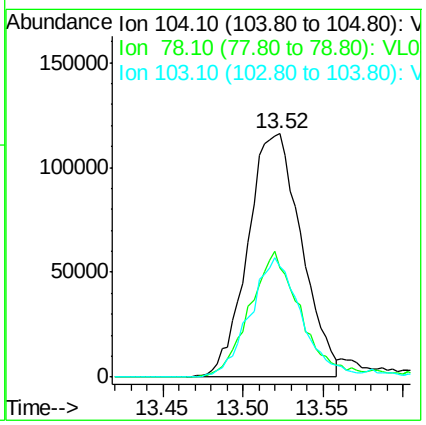


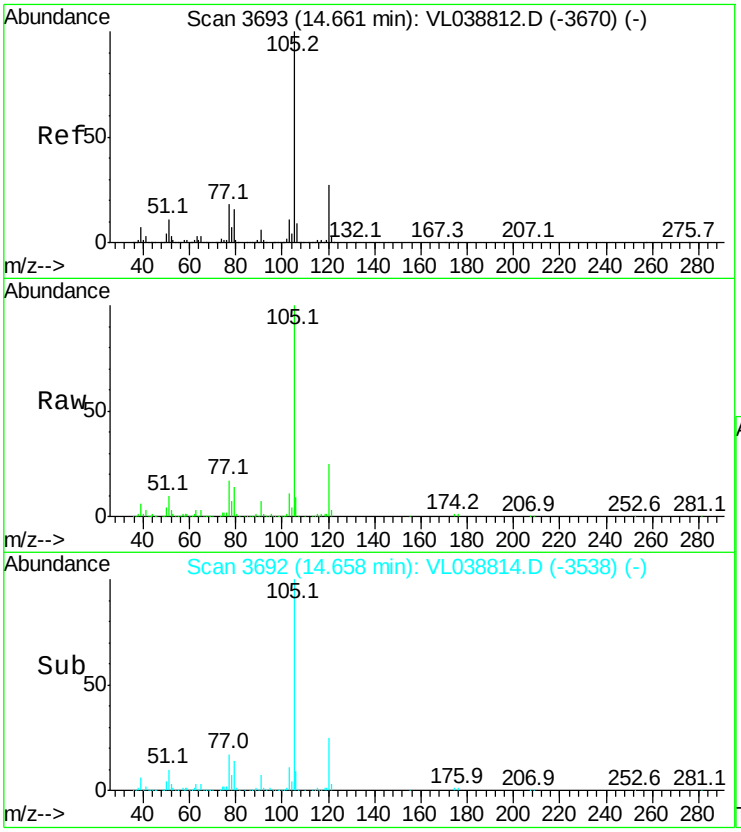


#61
Styrene
Concen: 1.38 ppbv
RT: 13.52 min Scan# 3339
Delta R.T. 0.00 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Tgt Ion:104 Resp: 268895

Ion	Ratio	Lower	Upper
104	100		
78	50.7	40.5	60.7
103	48.3	39.0	58.4



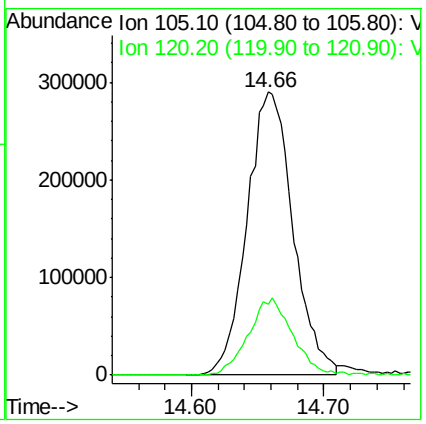


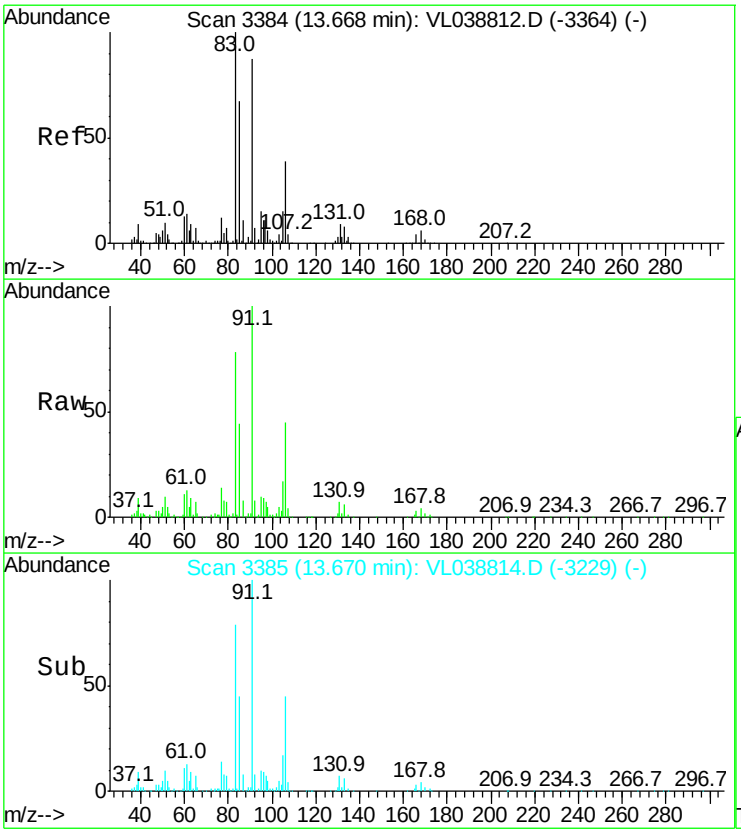
#62
Isopropylbenzene
Concen: 1.30 ppbv
RT: 14.66
Delta R.T
Lab File:
Acq: 5 Apr 2022 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 698796

Ion	Ratio	Lower	Upper
105	100		
120	26.6	21.8	32.8

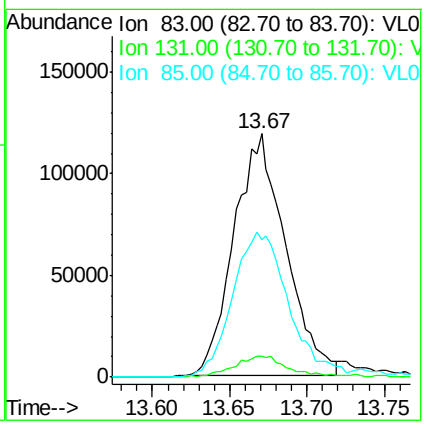


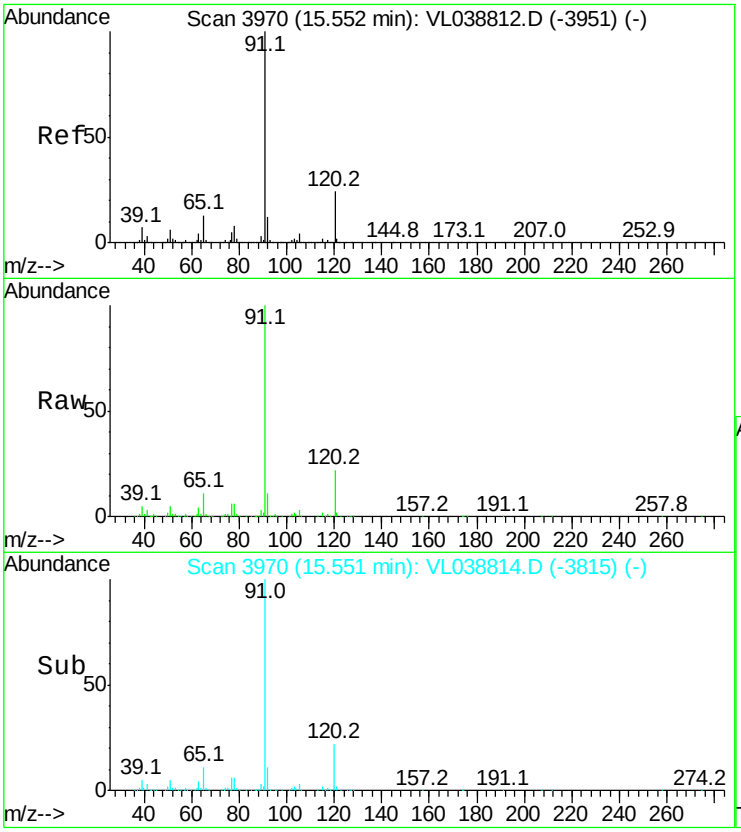


#63
1,1,2,2-Tetrachloroethane
Concen: 0.99 ppbv
RT: 13.67 min Scan# 3385
Delta R.T. 0.00 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Tgt Ion: 83 Resp: 275223

Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.6	13.8
85	67.6	33.0	99.0



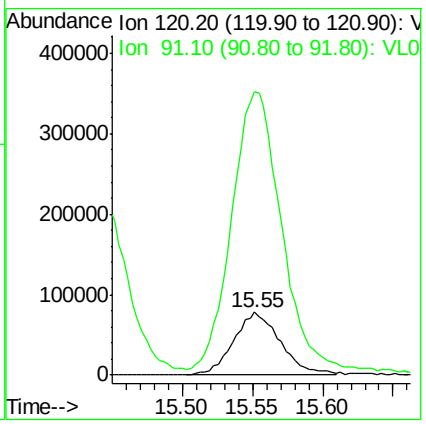


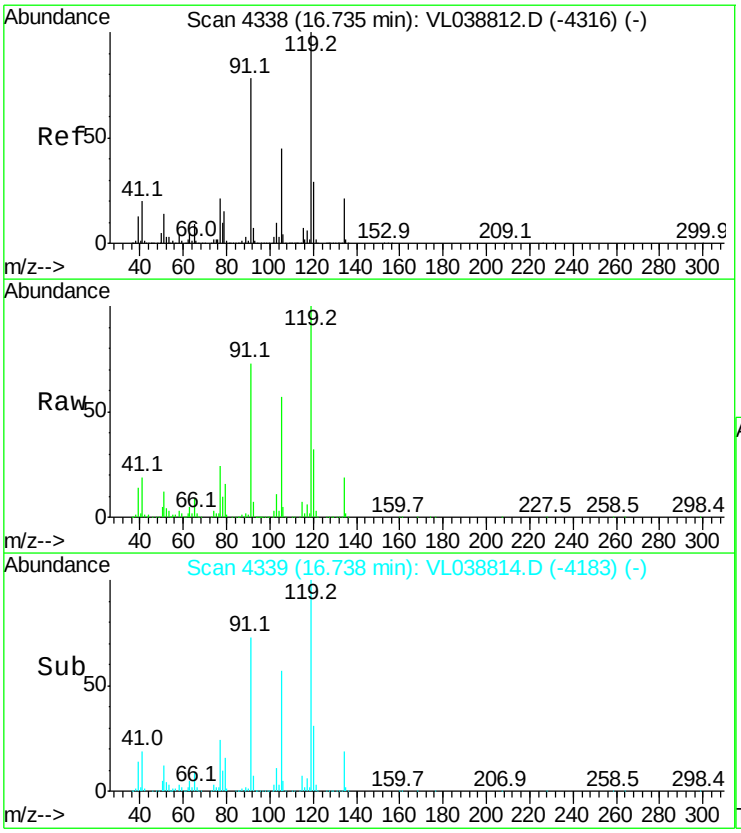
#64
n-propylbenzene
Concen: 1.26 ppbv
RT: 15.55
Delta R.T
Lab File:
Acq: 5 Apr 2022 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:120 Resp: 178684

Ion	Ratio	Lower	Upper
120	100		
91	501.9	360.6	540.8

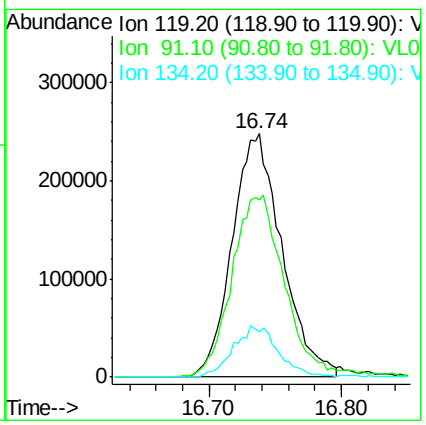


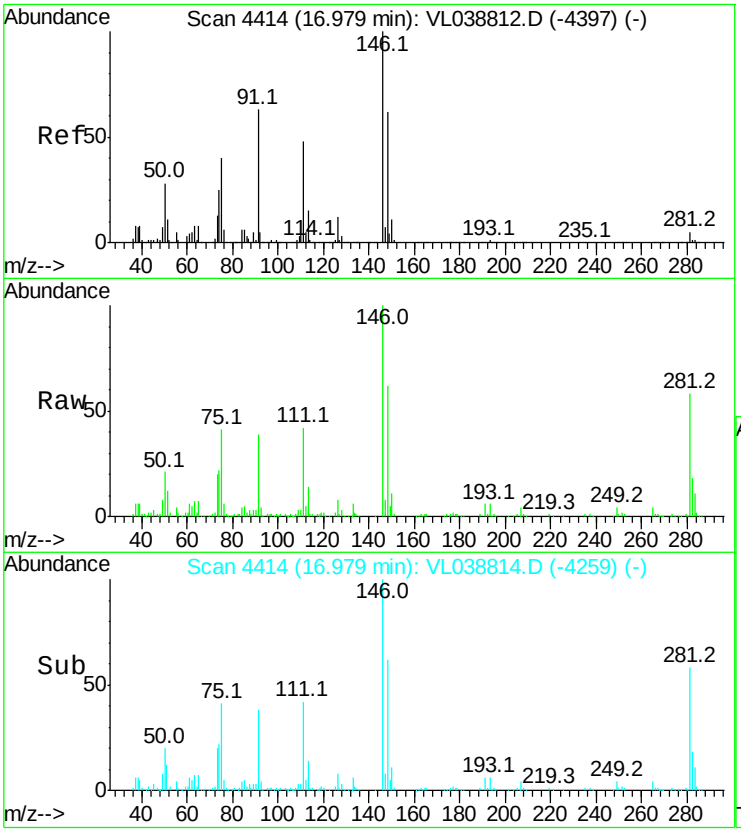


#65
tert-Butylbenzene
Concen: 1.33 ppbv
RT: 16.74 min Scan# 4339
Delta R.T. 0.00 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Tgt Ion:119 Resp: 642363

Ion	Ratio	Lower	Upper
119	100		
91	80.2	62.8	94.2
134	19.4	16.2	24.4



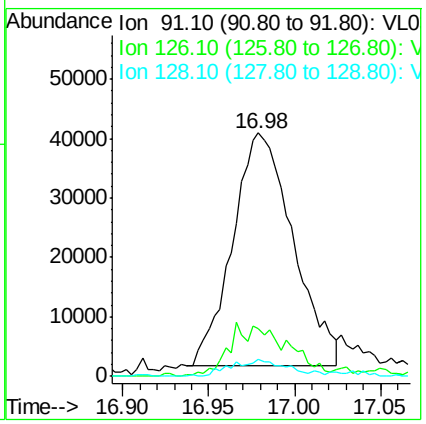


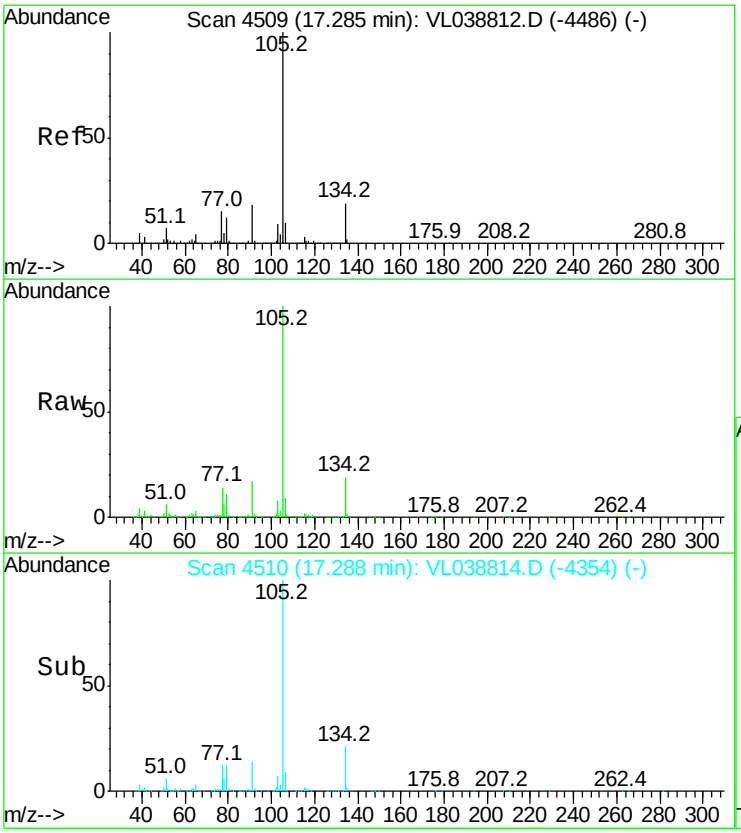
#66
Benzyl Chloride
Concen: 1.04 ppbv
RT: 16.98
Delta R.T
Lab File:
Acq: 5 Apr 2022 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 95431

Ion	Ratio	Lower	Upper
91	100		
126	22.7	15.4	23.0
128	7.8	4.7	7.1#

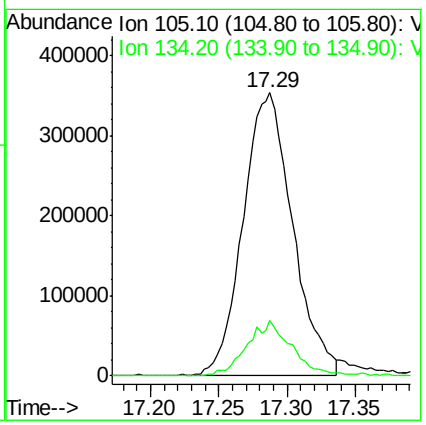


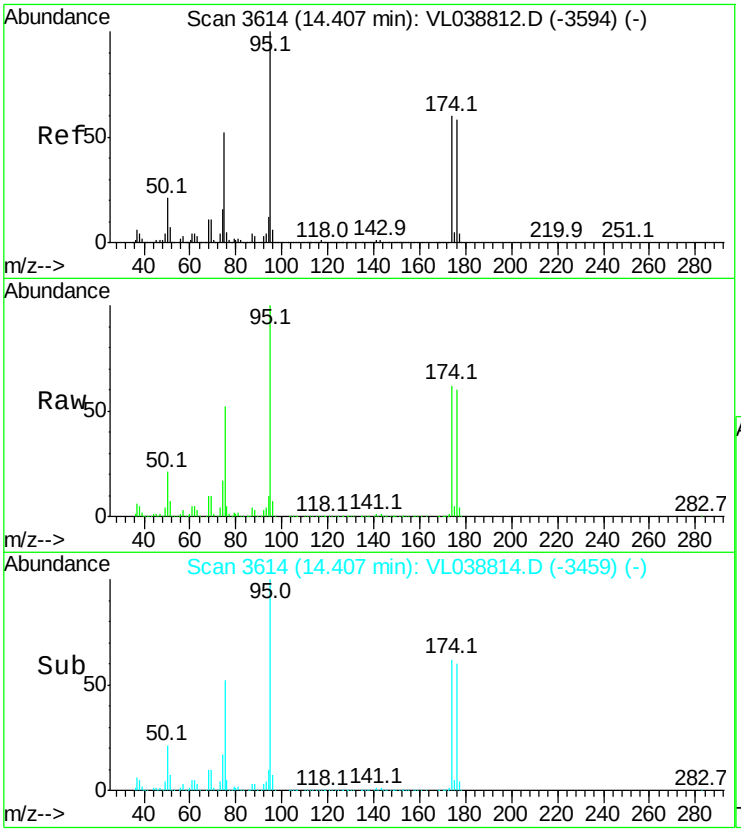


#67
sec-Butylbenzene
Concen: 1.28 ppbv
RT: 17.29 min Scan# 4510
Delta R.T. 0.00 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Tgt Ion:105 Resp: 887638

Ion	Ratio	Lower	Upper
105	100		
134	18.1	15.1	22.7



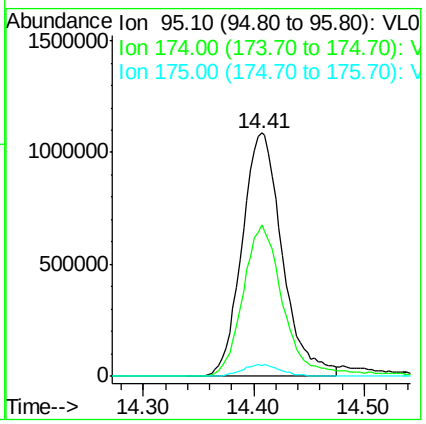


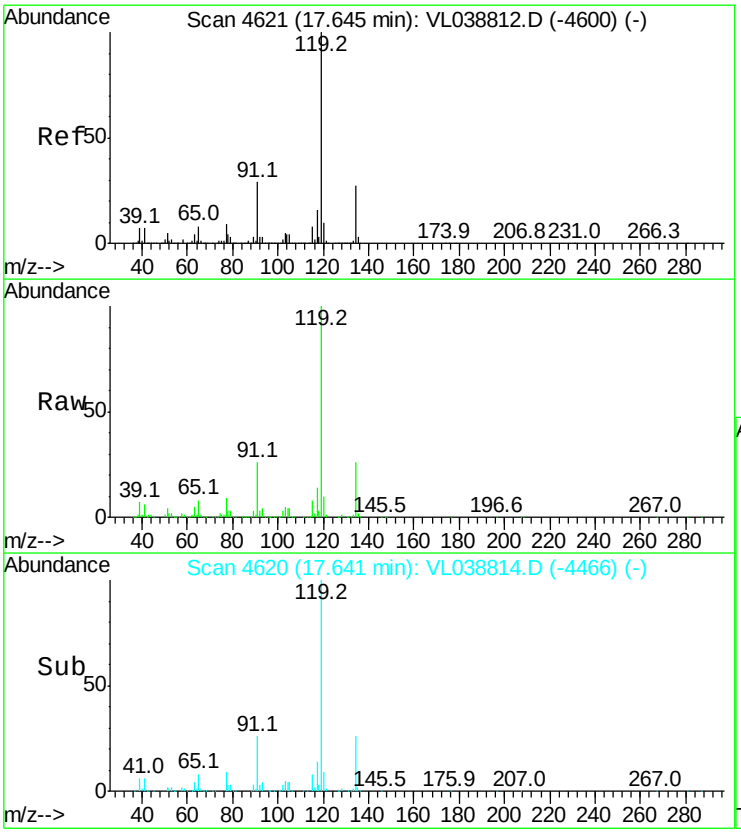
#68
1-Bromo-4-Fluorobenzene
Concen: 9.72 ppbv
RT: 14.41
Delta R.T
Lab File:
Acq: 5 Apr 2022 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 95 Resp: 2750913

Ion	Ratio	Lower	Upper
95	100		
174	63.7	52.0	78.0
175	5.0	4.0	6.0

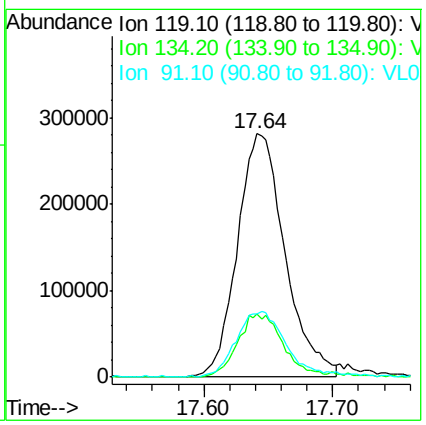


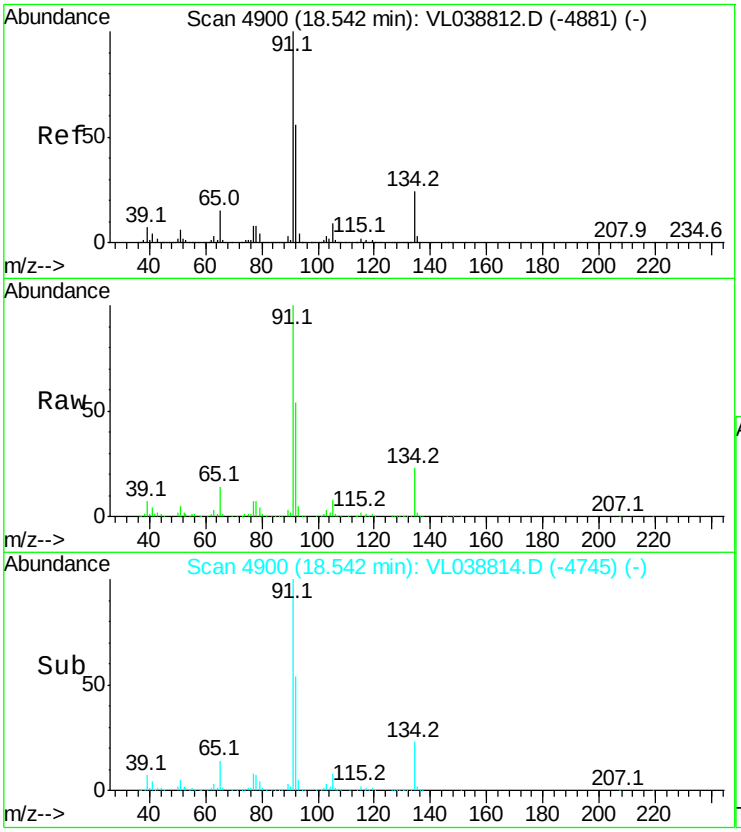


#69
p-Isopropyltoluene
Concen: 1.27 ppbv
RT: 17.64 min Scan# 4620
Delta R.T. -0.00 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Tgt Ion:119 Resp: 717447

Ion	Ratio	Lower	Upper
119	100		
134	26.1	20.8	31.2
91	28.6	22.6	34.0



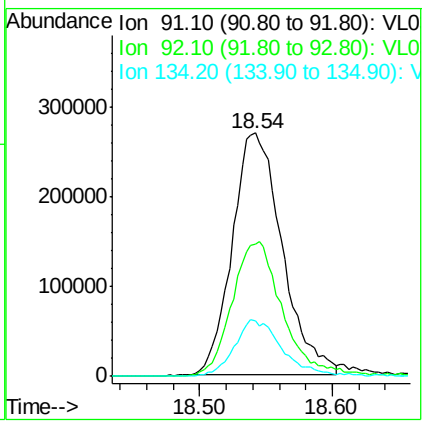


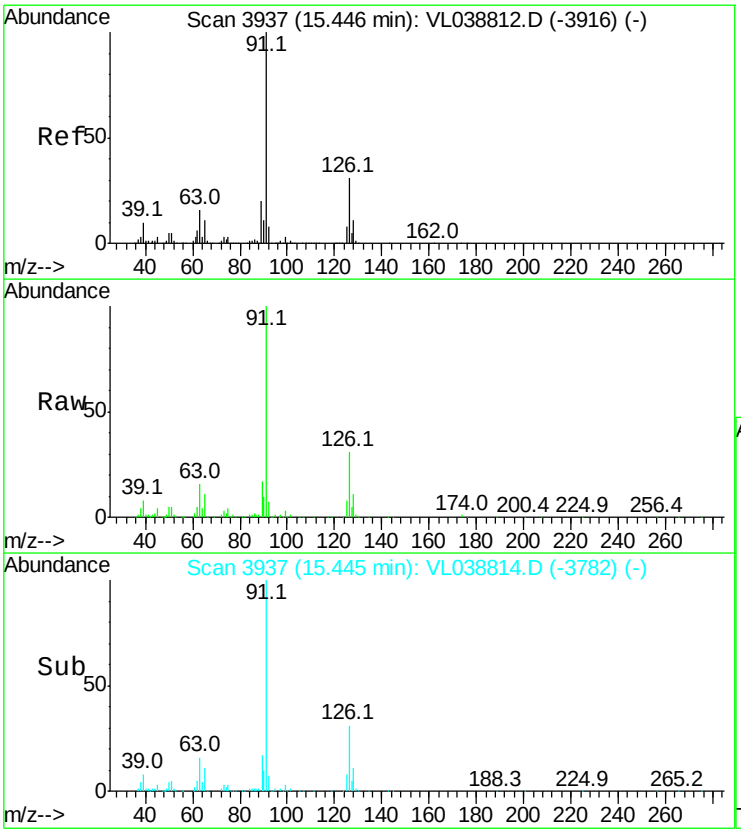
#70
n-Butylbenzene
Concen: 1.21 ppbv
RT: 18.54
Delta R.T
Lab File:
Acq: 5 Apr 2022 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 707696

Ion	Ratio	Lower	Upper
91	100		
92	56.9	44.6	66.8
134	22.7	19.2	28.8

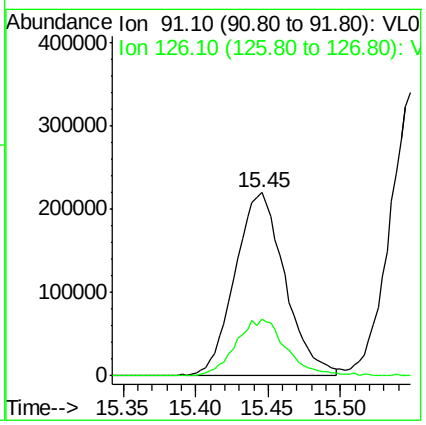


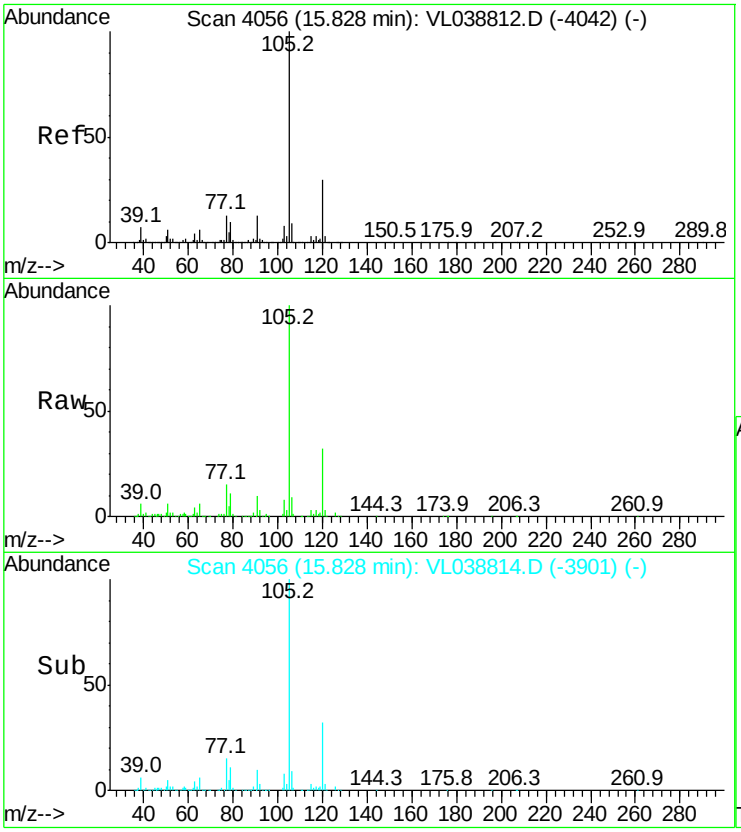


#71
2-Chlorotoluene
Concen: 1.31 ppbv
RT: 15.45 min Scan# 3937
Delta R.T. -0.00 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Tgt Ion: 91 Resp: 523295

Ion	Ratio	Lower	Upper
91	100		
126	32.2	13.0	51.8



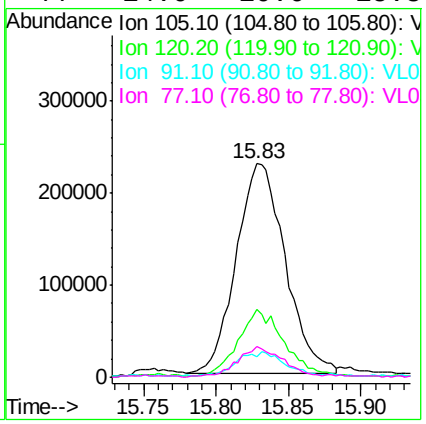


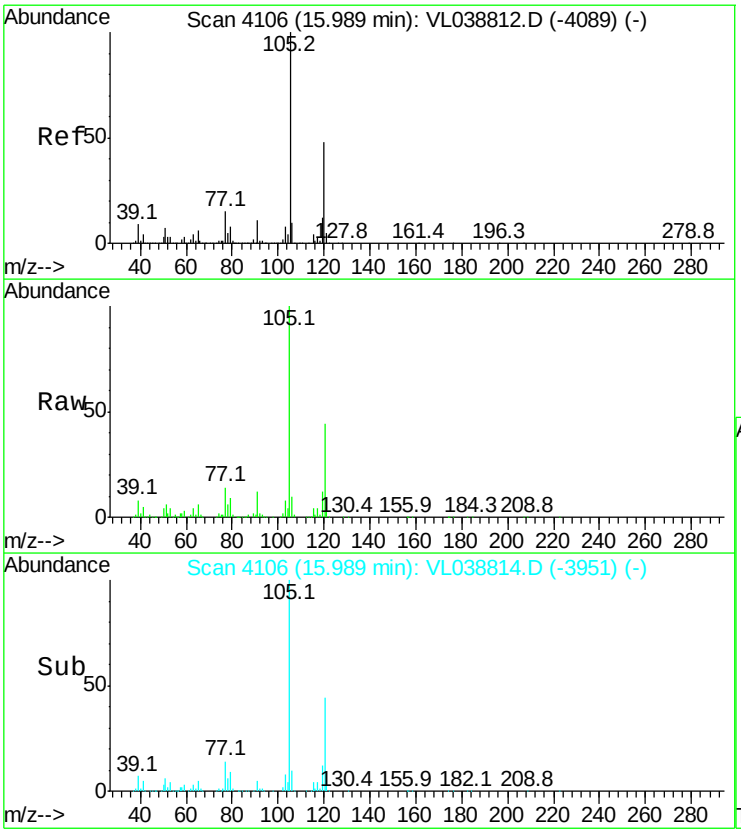
#72
4-Ethyltoluene
Concen: 1.26 ppbv
RT: 15.83
Delta R.T
Lab File:
Acq: 5 Apr 2022 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 535013

Ion	Ratio	Lower	Upper
105	100		
120	31.6	24.3	36.5
91	12.3	9.4	14.2
77	14.0	10.6	15.8

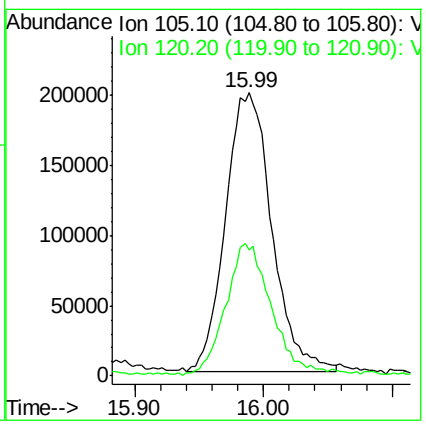


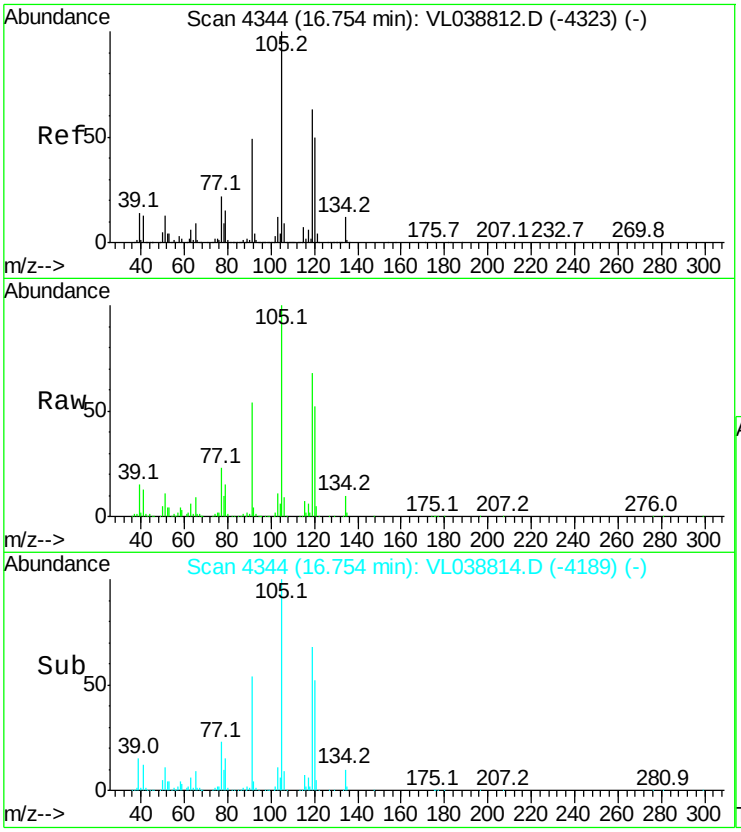


#73
1,3,5-Trimethylbenzene
Concen: 1.29 ppbv
RT: 15.99 min Scan# 4106
Delta R.T. -0.00 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Tgt Ion:105 Resp: 499001

Ion	Ratio	Lower	Upper
105	100		
120	43.9	38.7	58.1



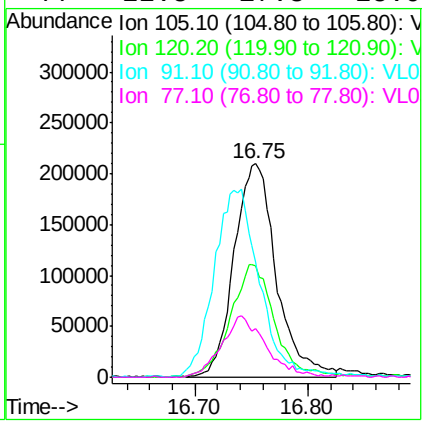


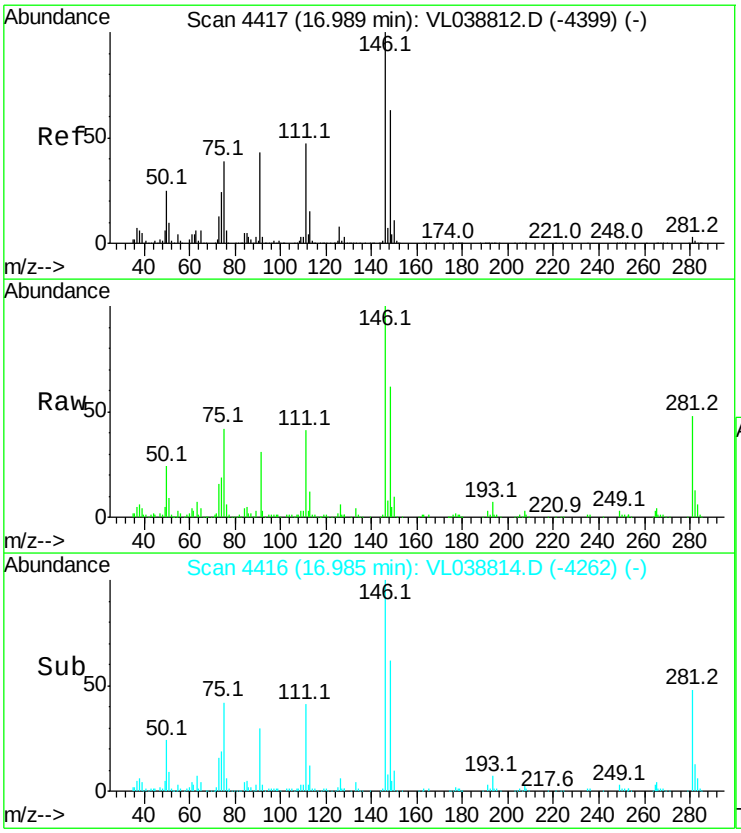
#74
1,2,4-Trimethylbenzene
Concen: 1.29 ppbv
RT: 16.75
Delta R.T
Lab File:
Acq: 5 Apr 2022 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:105 Resp: 544023

Ion	Ratio	Lower	Upper
105	100		
120	51.3	39.8	59.8
91	52.1	39.4	59.0
77	22.5	17.3	25.9

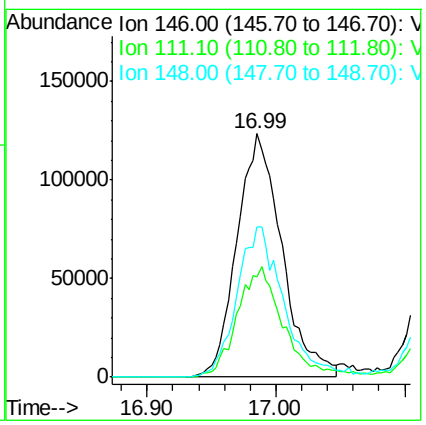


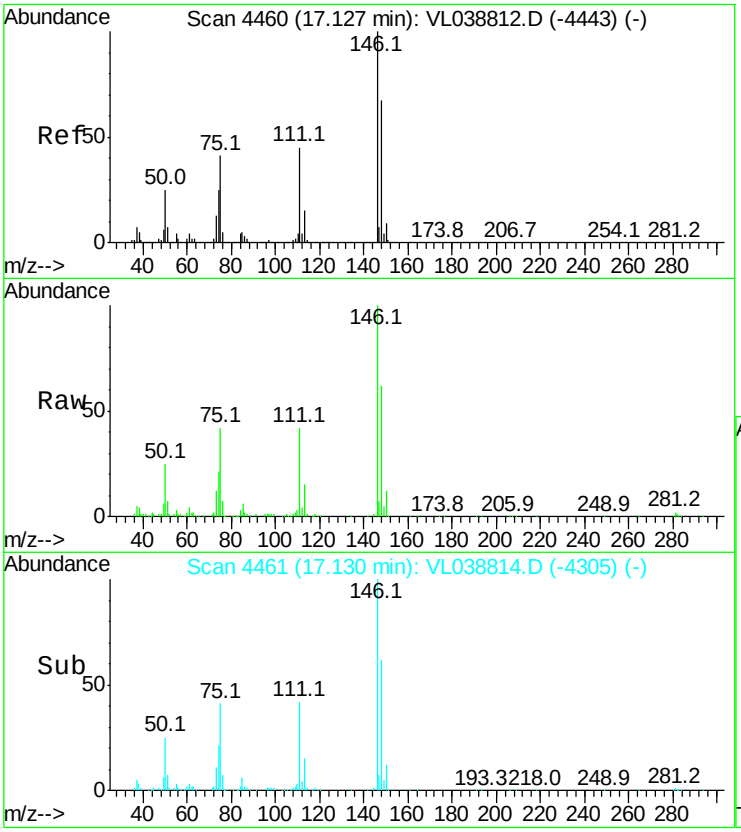


#75
1,3-Dichlorobenzene
Concen: 1.12 ppbv
RT: 16.99 min Scan# 4416
Delta R.T. -0.00 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Tgt Ion:146 Resp: 299277

Ion	Ratio	Lower	Upper
146	100		
111	46.6	23.8	71.2
148	64.4	31.8	95.4



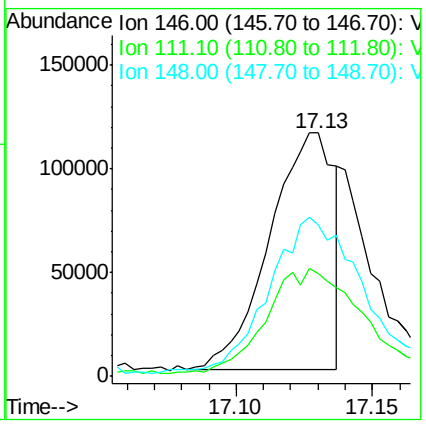


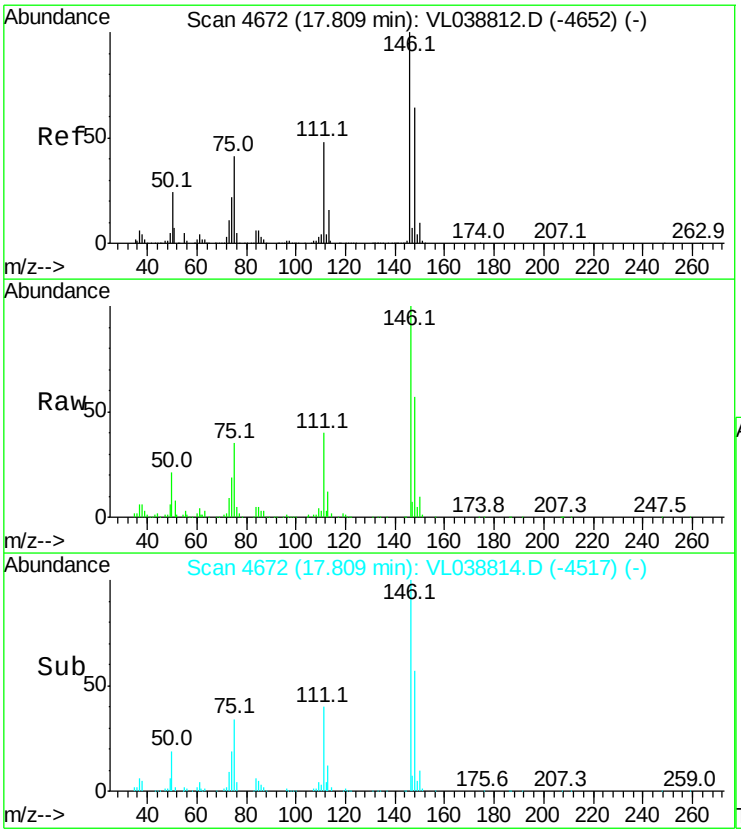
#76
1,4-Dichlorobenzene
Concen: 0.70 ppbv
RT: 17.13
Delta R.T
Lab File:
Acq: 5 Apr 2022 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 186859

Ion	Ratio	Lower	Upper
146	100		
111	75.4	23.6	70.8#
148	105.3	33.6	100.6#





#77
1,2-Dichlorobenzene
Concen: 1.08 ppbv
RT: 17.81 min Scan# 4672
Delta R.T. -0.00 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Tgt Ion:146 Resp: 286289

Ion	Ratio	Lower	Upper
146	100		
111	51.5	24.8	74.3
148	68.9	31.9	95.7