Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032122\
Data File : VL038652.D
Acq On : 21 Mar 2022 15:08
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Quant Time: Mar 21 15:42:48 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 21 15:04:50 2022
QLast Update : Mon Mar 21 15:04:50 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	939743	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	2414848	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.08	117	2104649	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	1571568	9.82	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.20%				
Target Compounds							Qvalue
3) Chlorodifluoromethane	3.00	51	12895	0.08	ppbv	#	92
4) Chloromethane	3.15	50	6836	0.11	ppbv		96
5) Vinyl Chloride	3.26	62	3516	0.06	ppbv		99
6) Bromomethane	3.47	94	2869	0.09	ppbv	#	68
7) Chloroethane	3.56	64	1812	0.09	ppbv		92
8) Dichlorotetrafluoroethane	3.19	85	13251	0.10	ppbv		91
9) Propene	3.02	41	5036	0.09	ppbv	#	48
10) Heptane	8.12	43	5857	0.04	ppbv	#	48
11) Trichlorofluoromethane	3.95	101	12587	0.10	ppbv		98
12) 1,1,2-Trichlorotrifluoroet	4.48	101	4790	0.05	ppbv	#	10
14) Bromoethene	3.74	108	1528	0.04	ppbv	#	1
15) Acetone	3.88	43	4429	0.07	ppbv	#	46
16) 1,3-Butadiene	3.33	39	5187	0.10	ppbv		85
18) 1,1-Dichloroethene	4.29	96	1948	0.04	ppbv		87
20) Methylene Chloride	4.34	84	2368	0.06	ppbv	#	83
21) Allyl Chloride	4.41	41	5275	0.08	ppbv		86
22) trans-1,2-Dichloroethene	4.88	96	3607	0.08	ppbv	#	77
24) 1,1-Dichloroethane	5.01	63	8760	0.10	ppbv	#	96
25) Ethyl Acetate	5.69	43	17872	0.08	ppbv	#	92
26) Hexane	5.69	57	9009	0.09	ppbv		87
27) Carbon Disulfide	4.55	76	4883	0.05	ppbv	#	52
28) Methyl tert-Butyl Ether	5.05	73	4165	0.05	ppbv	#	77
29) Chloroform	5.74	83	16731	0.10	ppbv		91
30) Cyclohexane	7.13	84	3418	0.04	ppbv	#	1
31) cis-1,2-Dichloroethene	5.55	61	5154	0.05	ppbv	#	77
32) 1,1,1-Trichloroethane	6.51	97	13240	0.08	ppbv		89
34) 2-Butanone	5.26	43	3731	0.06	ppbv	#	2
35) Carbon Tetrachloride	7.01	117	7357	0.04	ppbv	#	90
36) Benzene	6.89	78	17366	0.08	ppbv	#	91
37) 1,2-Dichloroethane	6.30	62	9036	0.09	ppbv	#	94
38) Trichloroethene	7.83	130	4221	0.05	ppbv		93
39) 1,2-Dichloropropane	7.61	63	7015	0.08	ppbv	#	89
41) Tetrahydrofuran	6.08	42	2089	0.04	ppbv	#	35
42) Bromodichloromethane	7.78	83	12932	0.08	ppbv	#	93
46) cis-1,3-Dichloropropene	8.70	75	6166	0.08	ppbv	#	83
47) 1,1,2-Trichloroethane	9.46	97	3340	0.04	ppbv	#	75
48) Dibromochloromethane	10.30	129	7498	0.06	ppbv		95
52) Tetrachloroethene	11.21	164	2617	0.03	ppbv	#	69
53) Toluene	9.80	91	8815	0.04	ppbv	#	49
54) 1,2-Dibromoethane	10.60	107	8744	0.07	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.12	131	7040	0.08	ppbv	#	1

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032122\
Data File : VL038652.D
Acq On : 21 Mar 2022 15:08
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Quant Time: Mar 21 15:42:48 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 21 15:04:50 2022
QLast Update : Mon Mar 21 15:04:50 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
57) Chlorobenzene	12.14	112	6771	0.04	ppbv	#	88
58) Ethyl Benzene	12.70	91	16906	0.06	ppbv		95
59) m/p-Xylene	12.99	91	9584	0.04	ppbv	#	30
60) o-Xylene	13.68	91	12888	0.06	ppbv		94
61) Styrene	13.52	104	3336	0.03	ppbv	#	29
62) Isopropylbenzene	14.66	105	25944	0.09	ppbv		95
63) 1,1,2,2-Tetrachloroethane	13.67	83	7276	0.04	ppbv	#	25
66) Benzyl Chloride	16.98	91	1008	0.06	ppbv	#	65
67) sec-Butylbenzene	17.29	105	25435	0.07	ppbv		96
70) n-Butylbenzene	18.55	91	16982	0.05	ppbv	#	93
72) 4-Ethyltoluene	15.83	105	10089	0.04	ppbv	#	56
76) 1,4-Dichlorobenzene	17.13	146	7464	0.05	ppbv	#	24
77) 1,2-Dichlorobenzene	17.81	146	5148	0.03	ppbv	#	1
78) Hexachloro-1,3-Butadiene	23.37	225	6264	0.04	ppbv	#	1

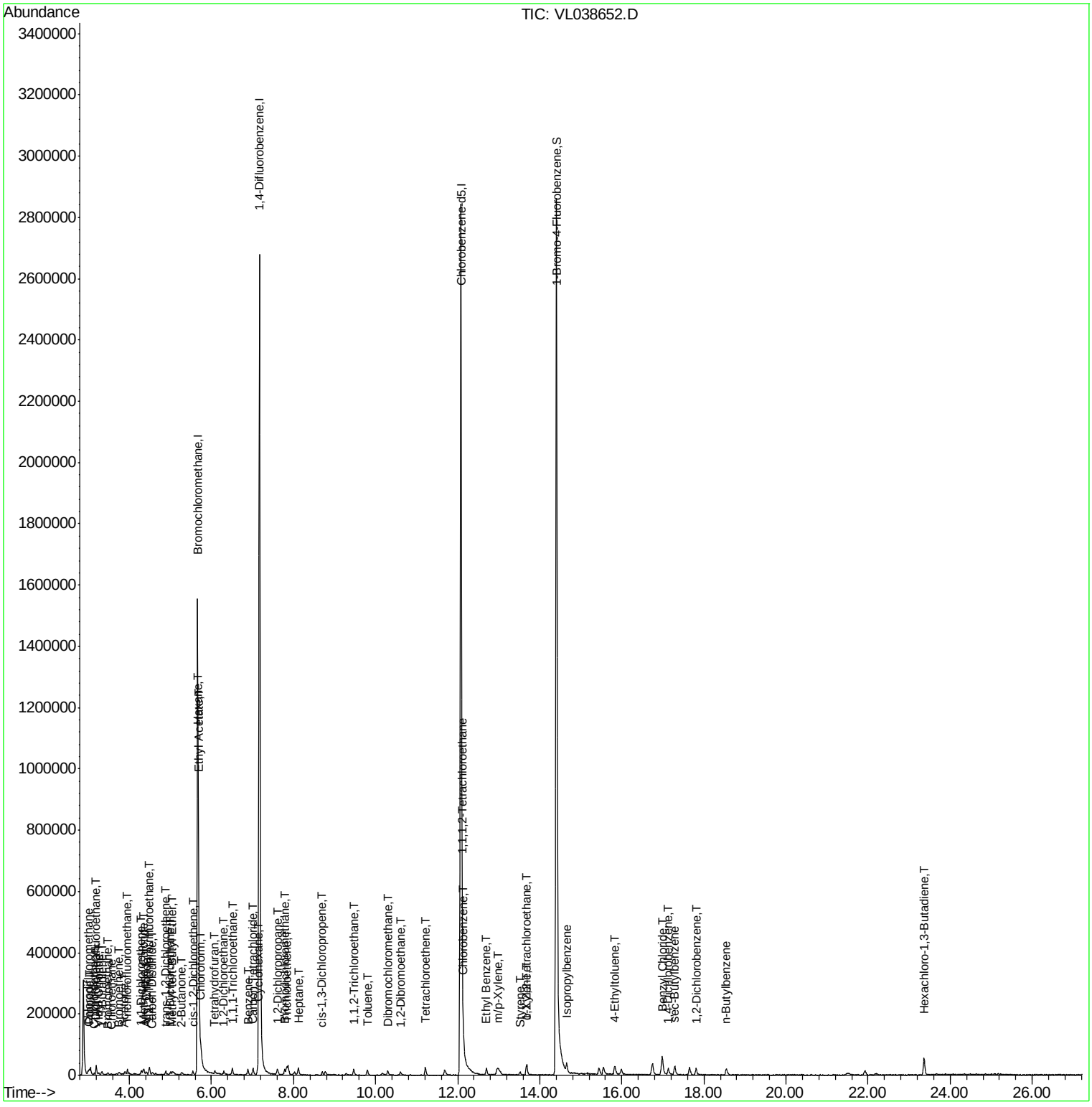
(#) = qualifier out of range (m) = manual integration (+) = signals summed

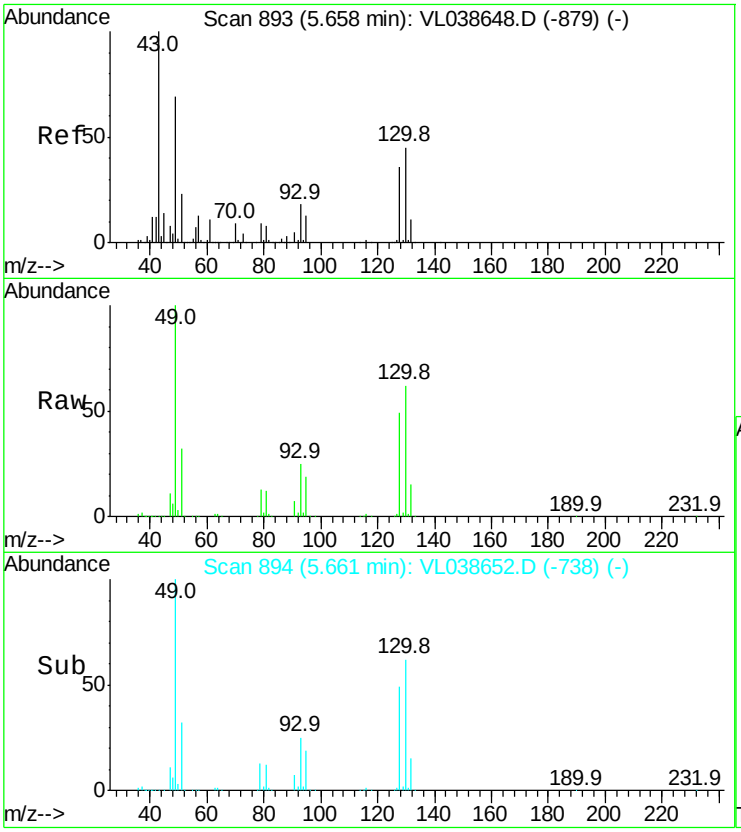
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032122\
Data File : VL038652.D
Acq On : 21 Mar 2022 15:08
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Quant Time: Mar 21 15:42:48 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 21 15:04:50 2022
QLast Update : Mon Mar 21 15:04:50 2022
Response via : Initial Calibration



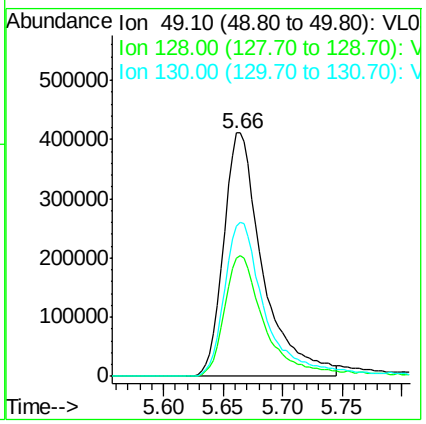


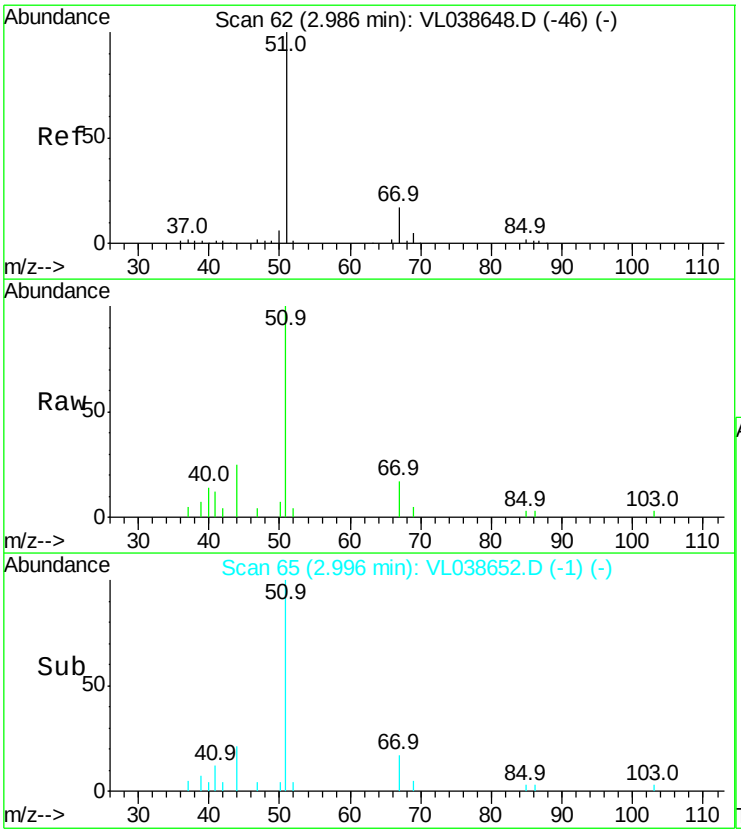
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 21 Mar 2022 15:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 49 Resp: 939743

Ion	Ratio	Lower	Upper
49	100		
128	53.0	26.2	78.6
130	68.9	33.7	101.1

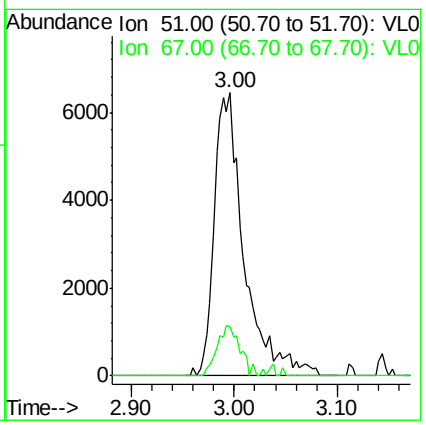


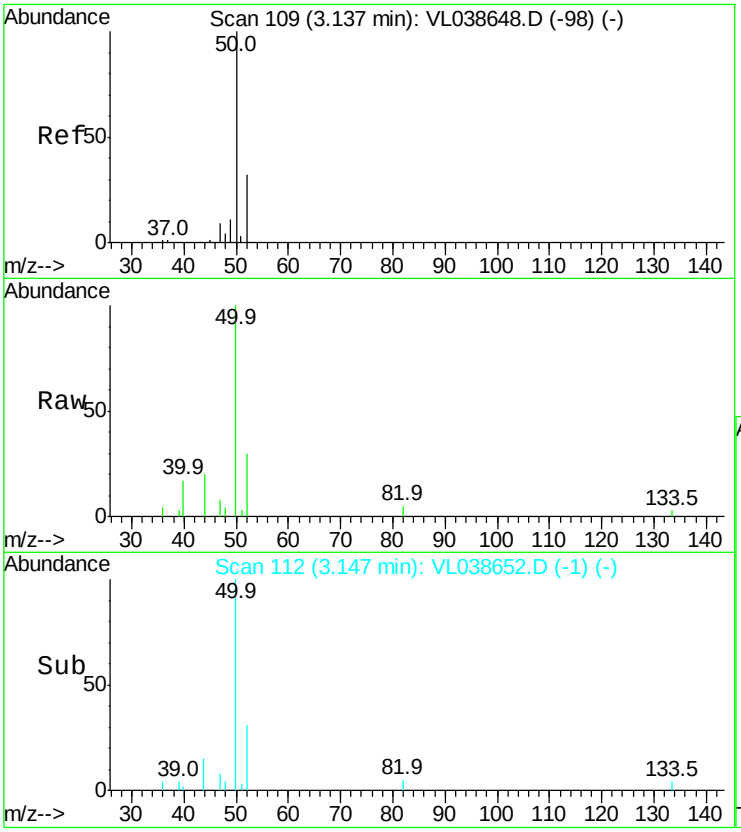


#3
Chlorodifluoromethane
Concen: 0.08 ppbv
RT: 3.00 min Scan# 65
Delta R.T. 0.01 min
Lab File: VL038652.D
Acq: 21 Mar 2022 15:08

Tgt Ion: 51 Resp: 12895

Ion	Ratio	Lower	Upper
51	100		
67	13.9	14.1	21.1#



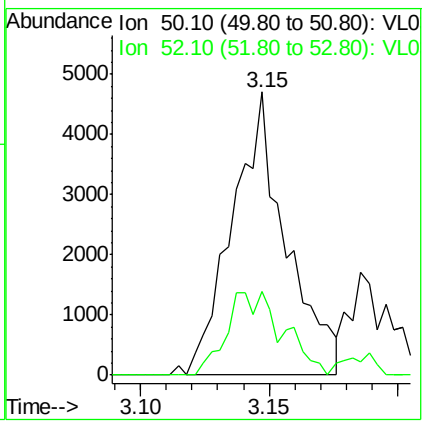


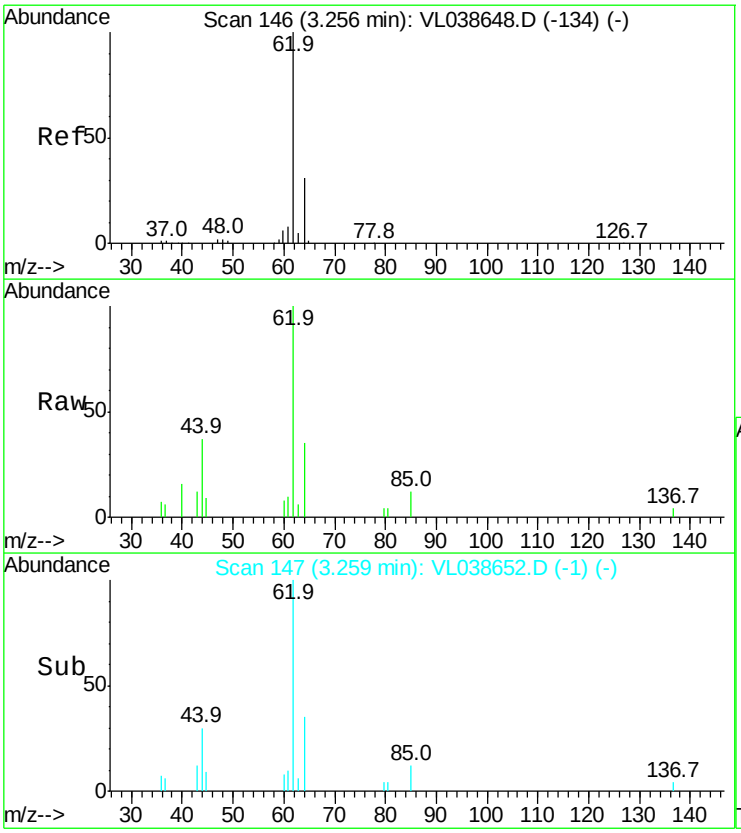
#4
Chloromethane
Concen: 0.11 ppbv
RT: 3.15
Delta R.T
Lab File:
Acq: 21 Mar 2022 15:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 50 Resp: 6836

Ion	Ratio	Lower	Upper
50	100		
52	29.6	25.5	38.3

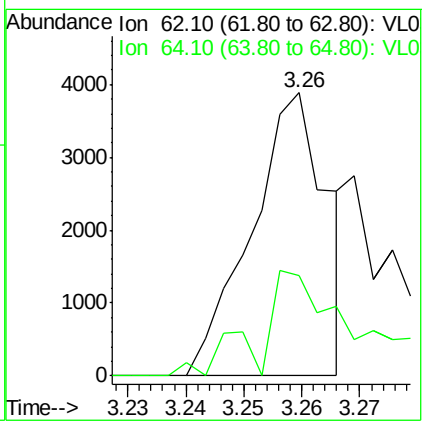


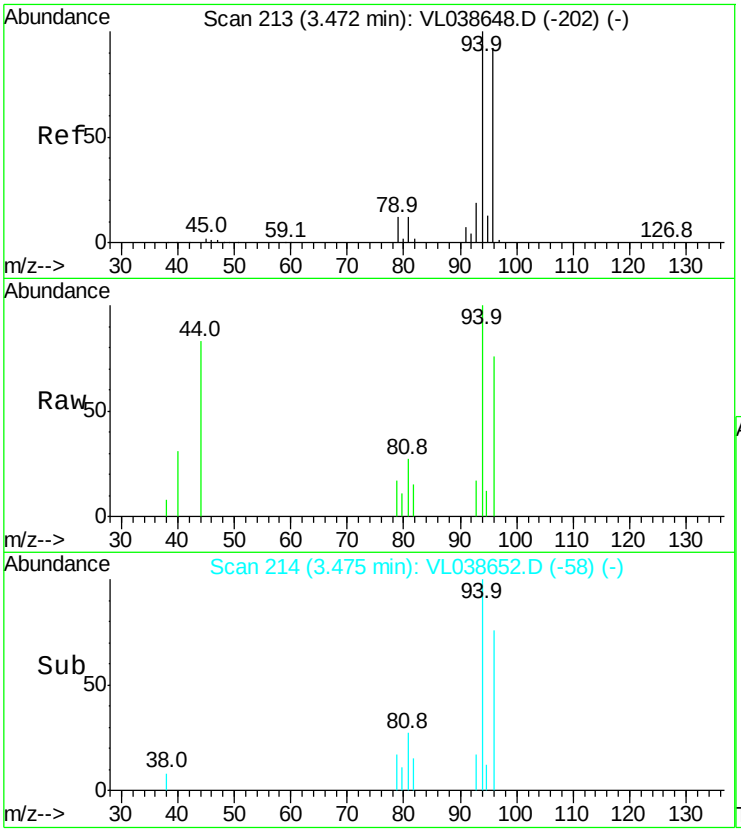


#5
Vinyl Chloride
Concen: 0.06 ppbv
RT: 3.26 min Scan# 147
Delta R.T. 0.00 min
Lab File: VL038652.D
Acq: 21 Mar 2022 15:08

Tgt Ion: 62 Resp: 3516

Ion	Ratio	Lower	Upper
62	100		
64	30.6	25.0	37.4



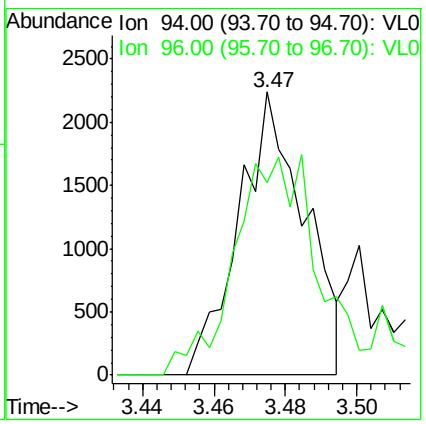


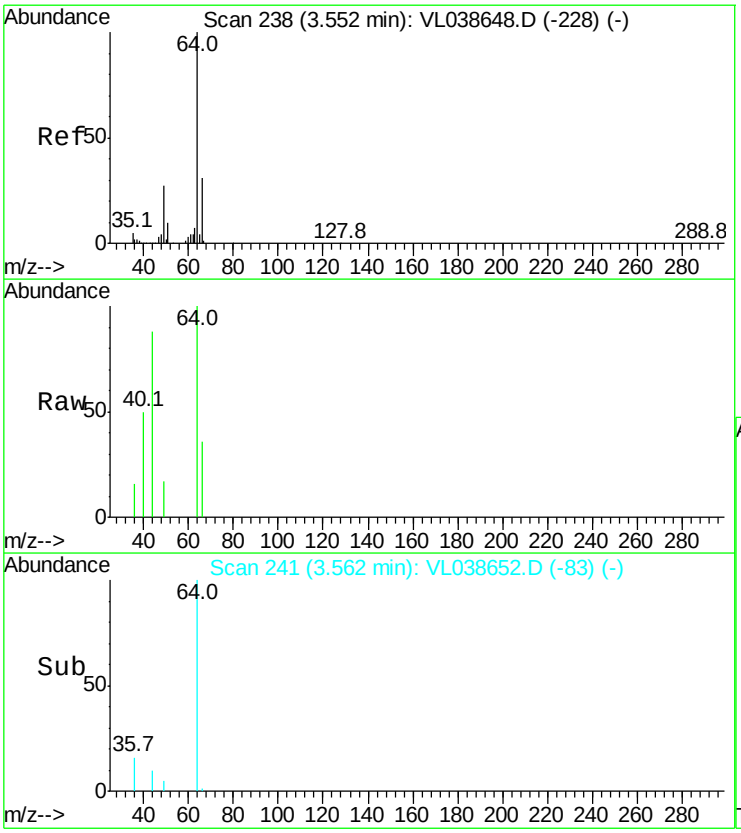
#6
Bromomethane
Concen: 0.09 ppbv
RT: 3.47
Delta R.T
Lab File:
Acq: 21 Mar 2022 15:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 94 Resp: 2869

Ion	Ratio	Lower	Upper
94	100		
96	61.2	73.3	109.9#

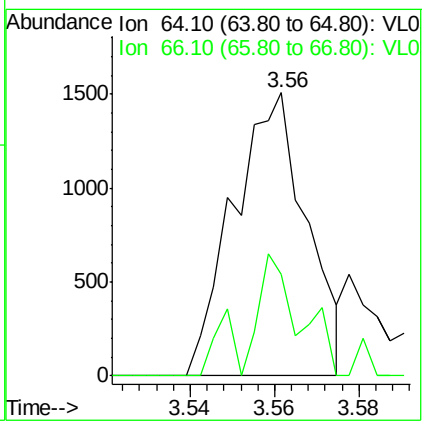


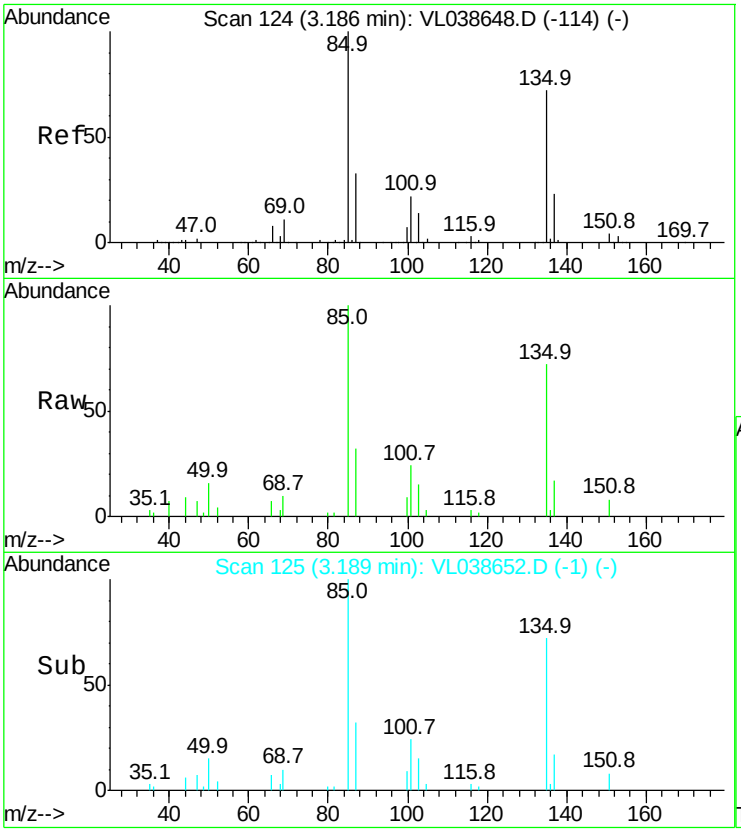


#7
Chloroethane
Concen: 0.09 ppbv
RT: 3.56 min Scan# 241
Delta R.T. 0.01 min
Lab File: VL038652.D
Acq: 21 Mar 2022 15:08

Tgt Ion: 64 Resp: 1812

Ion	Ratio	Lower	Upper
64	100		
66	35.8	25.0	37.6



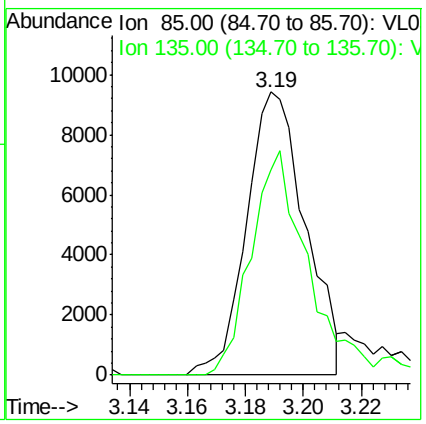


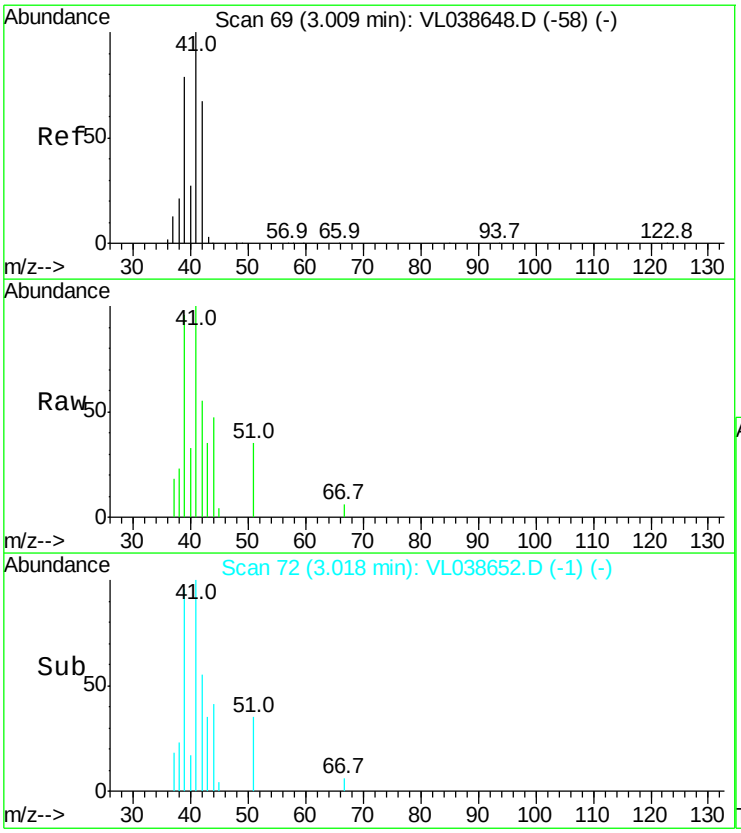
#8
Dichlorotetrafluoroethane
Concen: 0.10 ppbv
RT: 3.19
Delta R.T
Lab File:
Acq: 21 Mar 2022 15:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 85 Resp: 13251

Ion	Ratio	Lower	Upper
85	100		
135	79.9	57.8	86.6

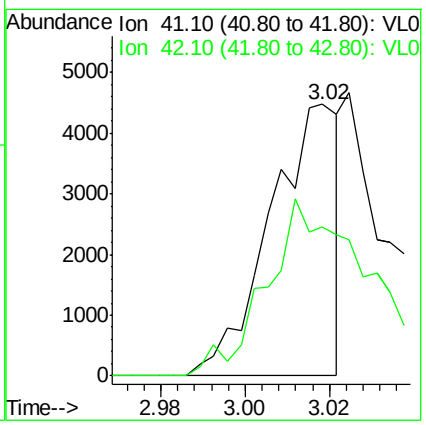


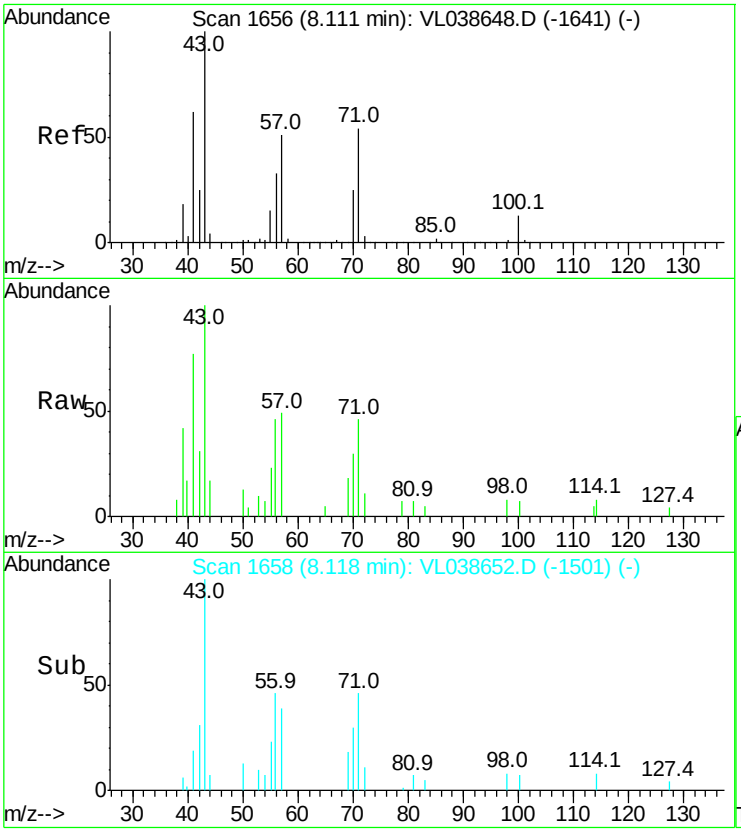


#9
Propene
Concen: 0.09 ppbv
RT: 3.02 min Scan# 72
Delta R.T. 0.01 min
Lab File: VL038652.D
Acq: 21 Mar 2022 15:08

Tgt Ion: 41 Resp: 5036

Ion	Ratio	Lower	Upper
41	100		
42	113.4	56.2	84.4#



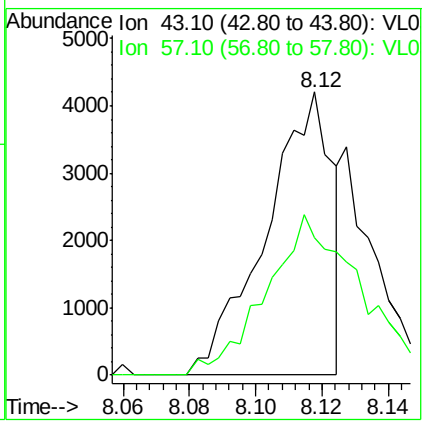


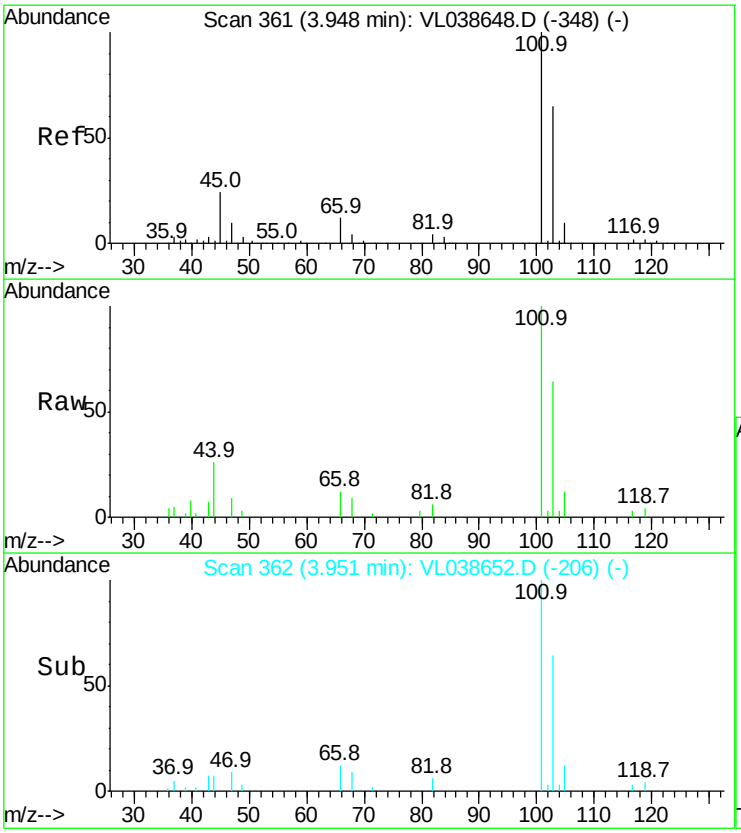
#10
Heptane
Concen: 0.04 ppbv
RT: 8.12
Delta R.T
Lab File:
Acq: 21 Mar 2022 15:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 43 Resp: 5857

Ion	Ratio	Lower	Upper
43	100		
57	88.5	41.4	62.2#

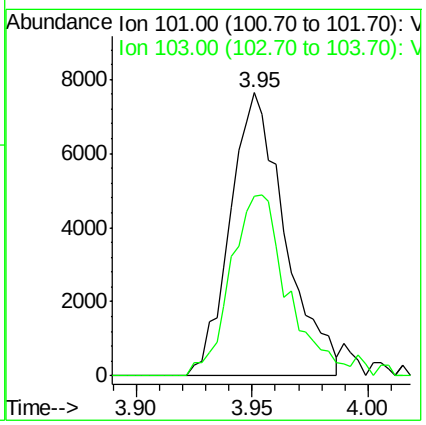


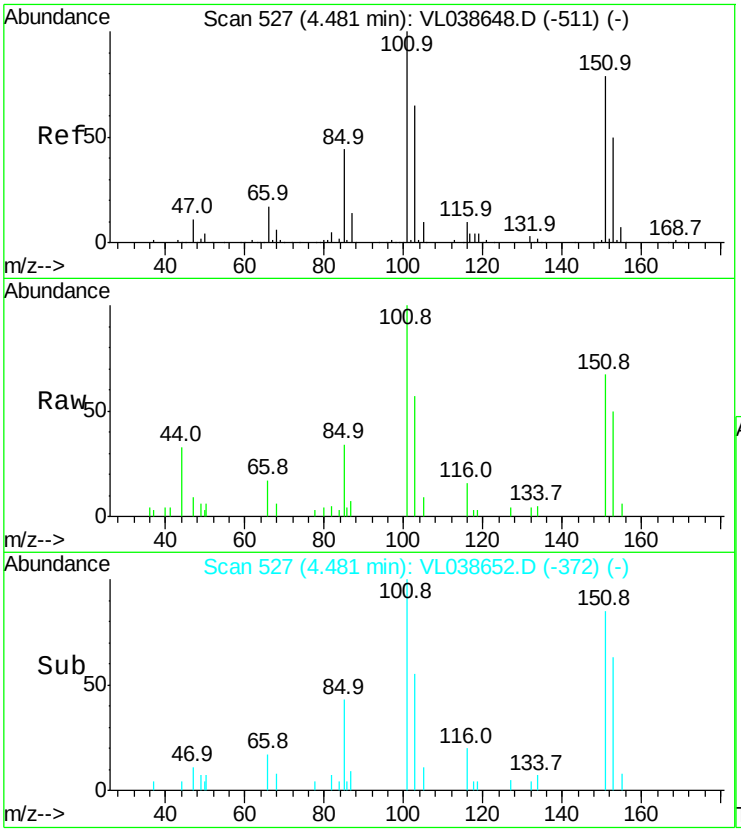


#11
Trichlorofluoromethane
Concen: 0.10 ppbv
RT: 3.95 min Scan# 362
Delta R.T. 0.00 min
Lab File: VL038652.D
Acq: 21 Mar 2022 15:08

Tgt Ion:101 Resp: 12587

Ion	Ratio	Lower	Upper
101	100		
103	63.6	51.9	77.9



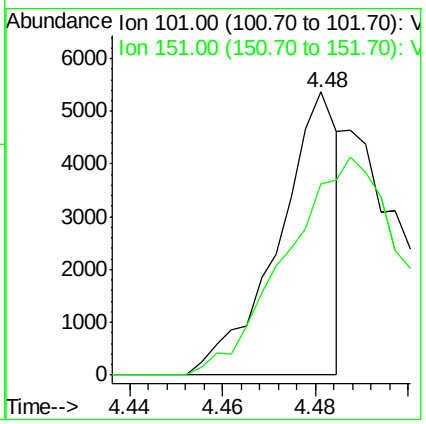


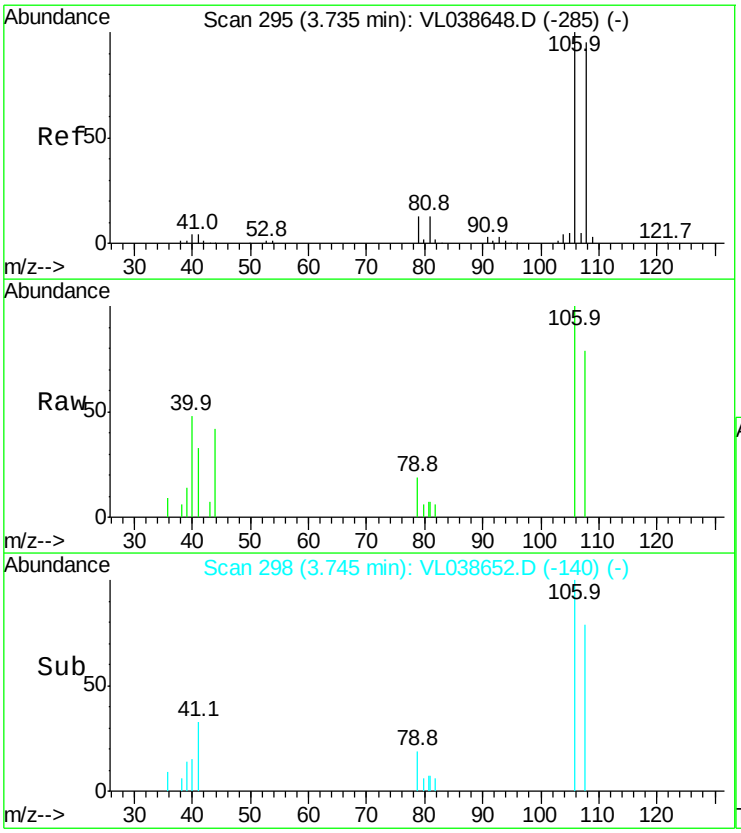
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.05 ppbv
RT: 4.48
Delta R.T
Lab File:
Acq: 21 Mar 2022 15:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:101 Resp: 4790

Ion	Ratio	Lower	Upper
101	100		
151	0.0	62.9	94.3#

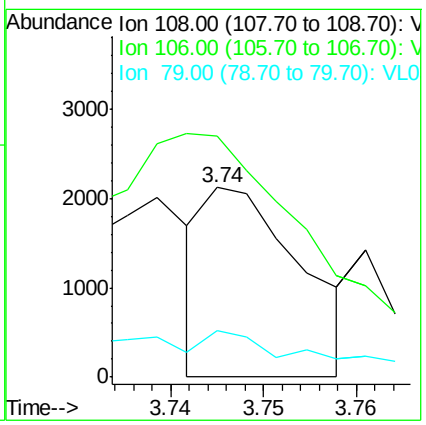


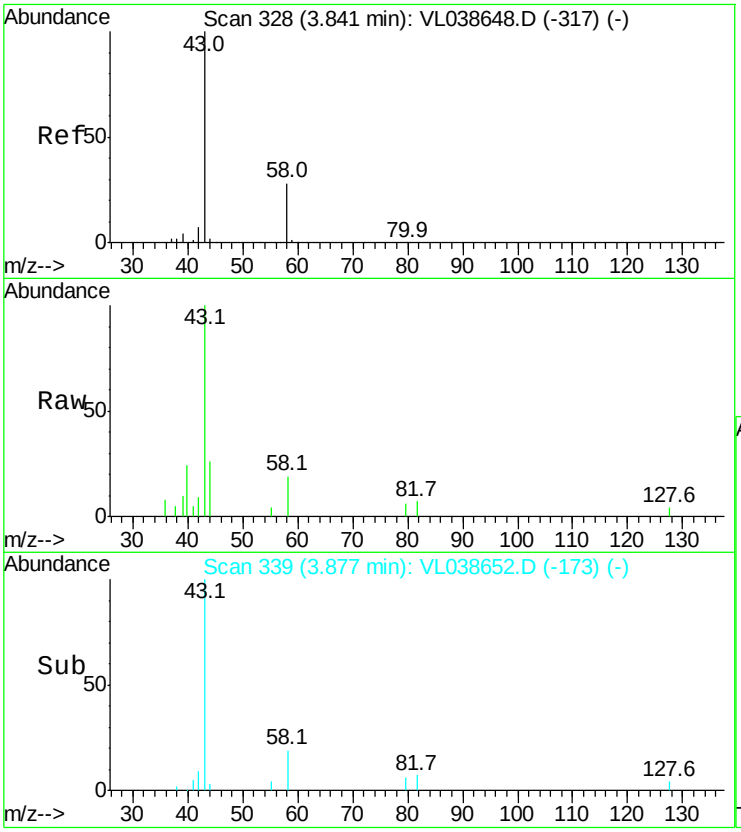


#14
Bromoethene
Concen: 0.04 ppbv
RT: 3.74 min Scan# 298
Delta R.T. 0.01 min
Lab File: VL038652.D
Acq: 21 Mar 2022 15:08

Tgt Ion:108 Resp: 1528

Ion	Ratio	Lower	Upper
108	100		
106	328.0	88.3	132.5#
79	63.1	11.2	16.8#



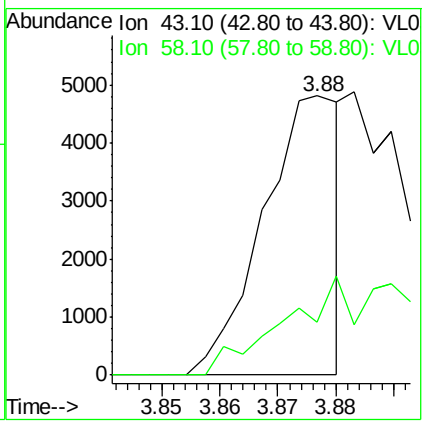


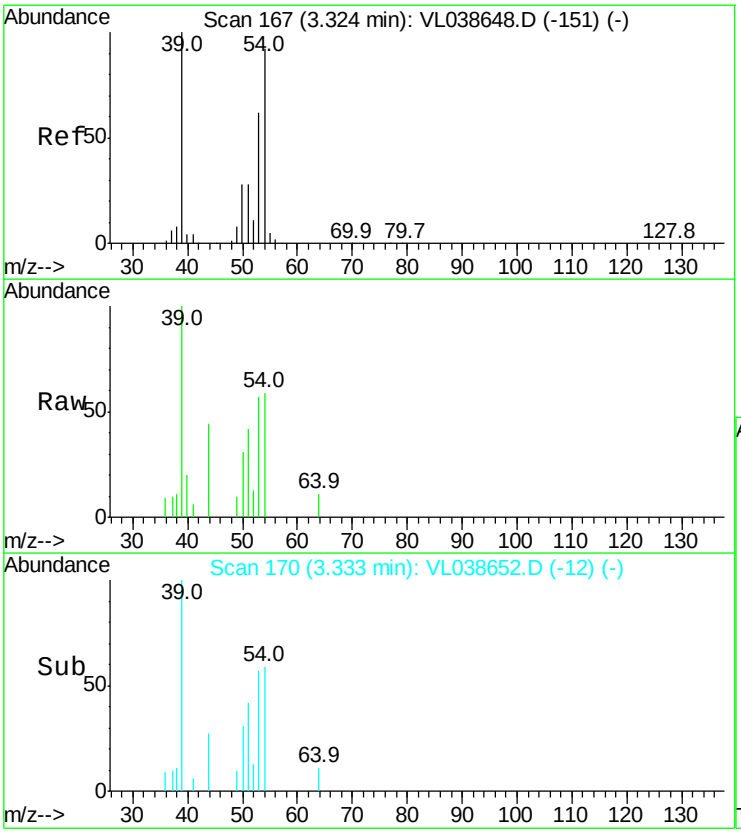
#15
Acetone
Concen: 0.07 ppbv
RT: 3.88
Delta R.T
Lab File:
Acq: 21 Mar 2022 15:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 43 Resp: 4429

Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.3	34.9#

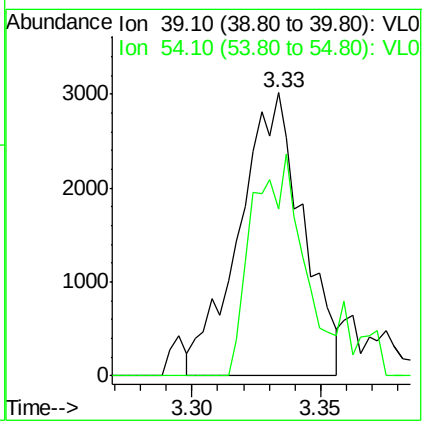


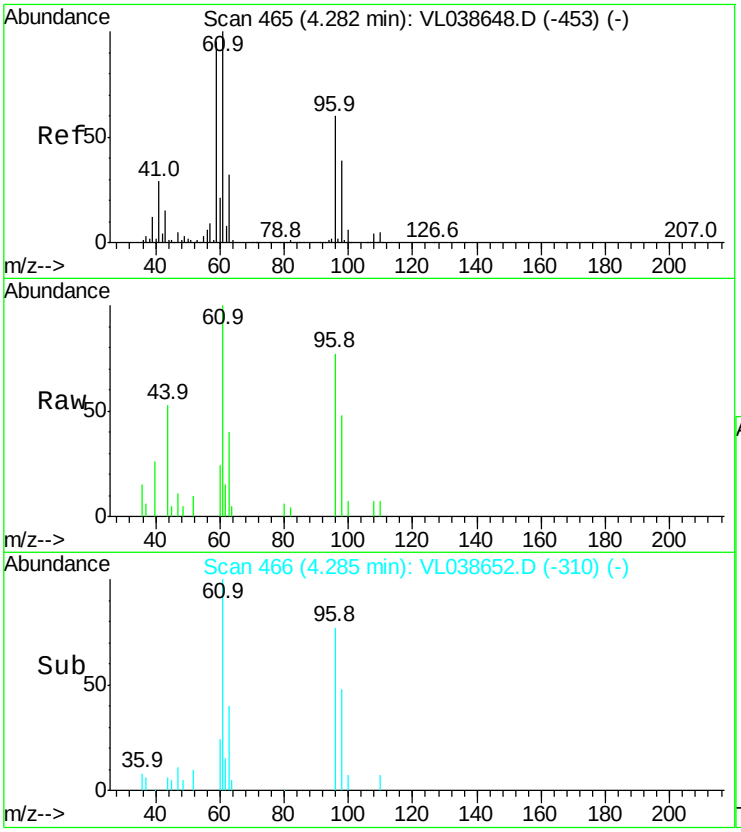


#16
1,3-Butadiene
Concen: 0.10 ppbv
RT: 3.33 min Scan# 170
Delta R.T. 0.01 min
Lab File: VL038652.D
Acq: 21 Mar 2022 15:08

Tgt Ion: 39 Resp: 5187

Ion	Ratio	Lower	Upper
39	100		
54	72.2	69.1	103.7



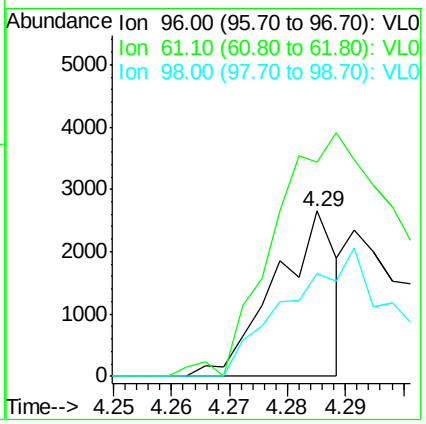


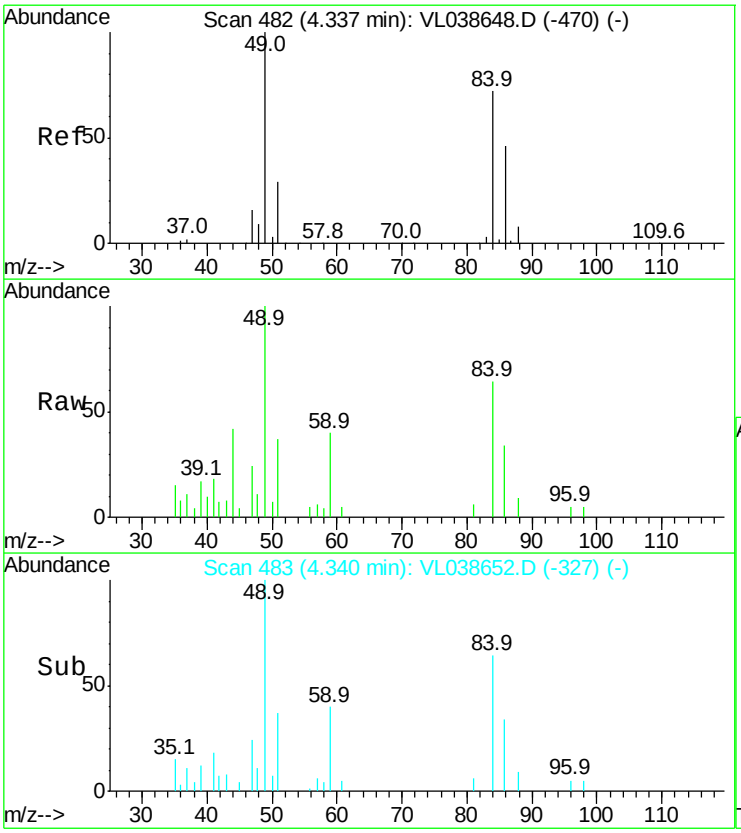
#18
1,1-Dichloroethene
Concen: 0.04 ppbv
RT: 4.29
Delta R.T
Lab File:
Acq: 21 Mar 2022 15:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 96 Resp: 1948

Ion	Ratio	Lower	Upper
96	100		
61	142.7	132.4	198.6
98	62.1	51.6	77.4

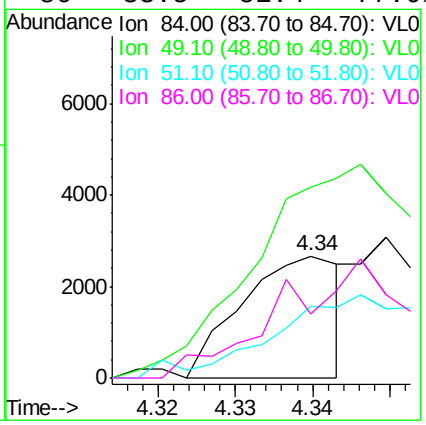


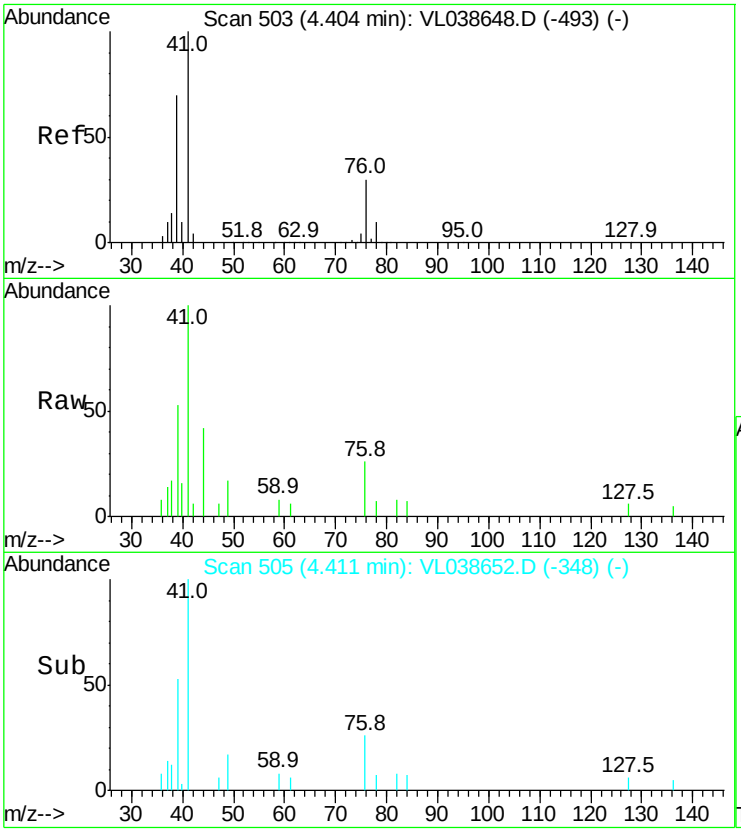


#20
Methylene Chloride
Concen: 0.06 ppbv
RT: 4.34 min Scan# 483
Delta R.T. 0.00 min
Lab File: VL038652.D
Acq: 21 Mar 2022 15:08

Tgt Ion: 84 Resp: 2368

Ion	Ratio	Lower	Upper
84	100		
49	130.3	111.2	166.8
51	51.6	32.8	49.2#
86	33.5	51.4	77.0#



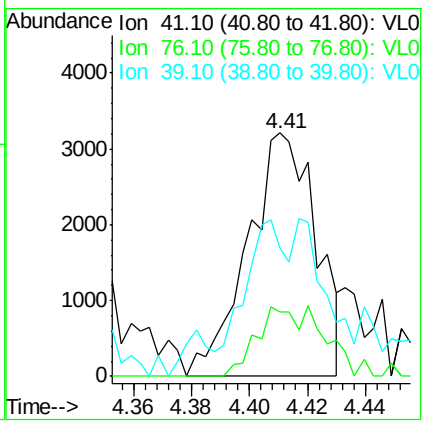


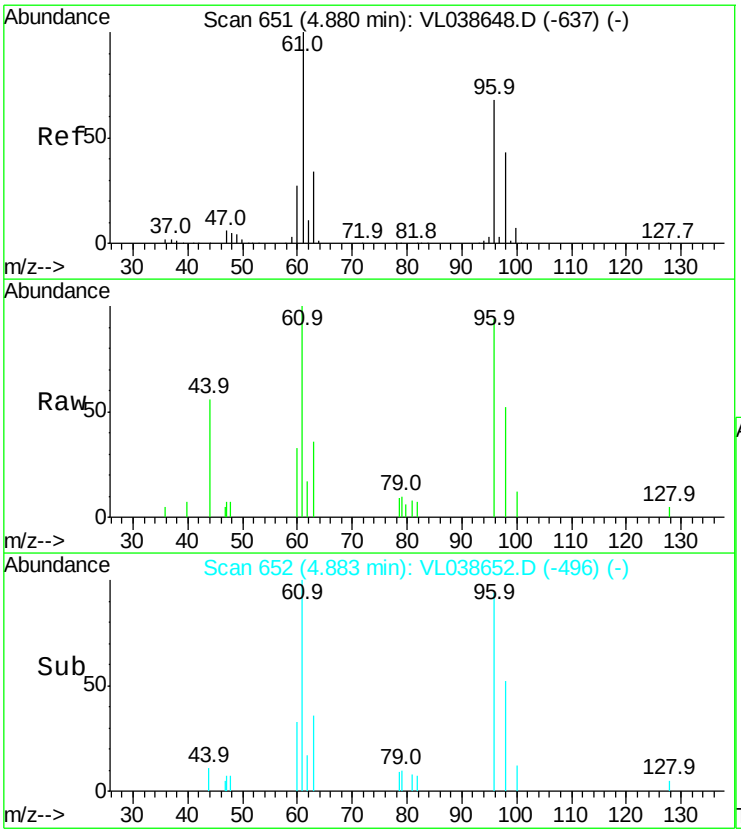
#21
Allyl Chloride
Concen: 0.08 ppbv
RT: 4.41
Delta R.T
Lab File:
Acq: 21 Mar 2022 15:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 41 Resp: 5275

Ion	Ratio	Lower	Upper
41	100		
76	27.9	25.0	37.6
39	84.9	56.6	85.0

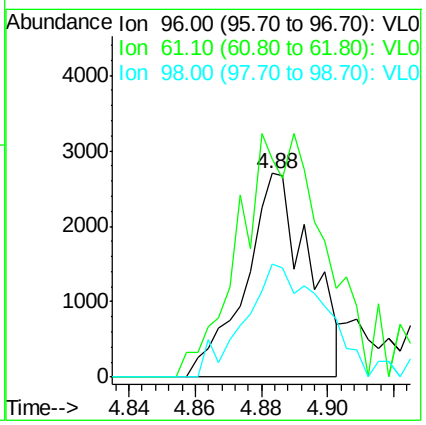


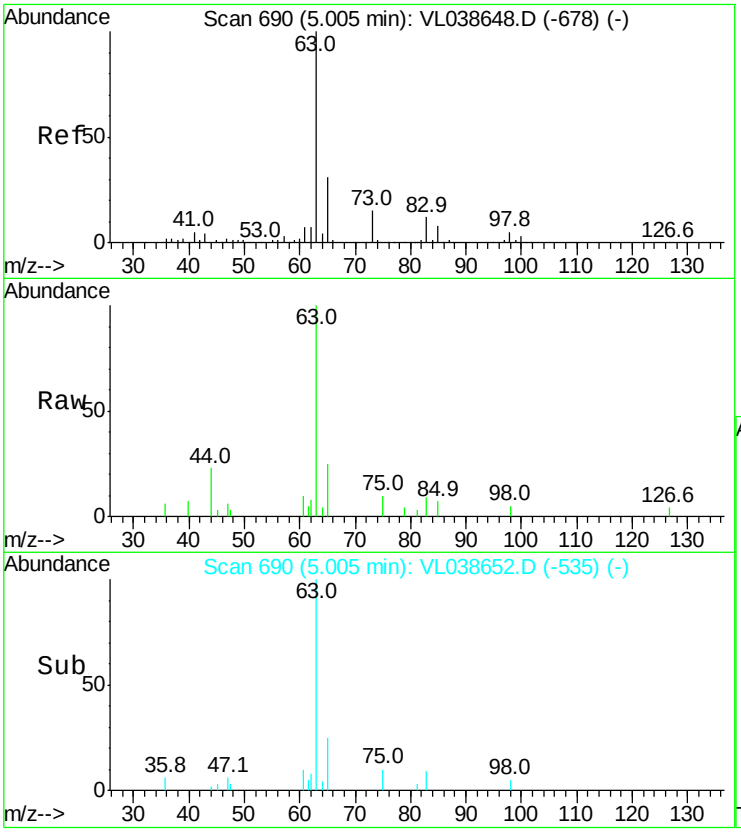


#22
trans-1,2-Dichloroethene
Concen: 0.08 ppbv
RT: 4.88 min Scan# 652
Delta R.T. 0.00 min
Lab File: VL038652.D
Acq: 21 Mar 2022 15:08

Tgt Ion: 96 Resp: 3607

Ion	Ratio	Lower	Upper
96	100		
61	113.2	118.3	177.5#
98	55.4	51.3	76.9



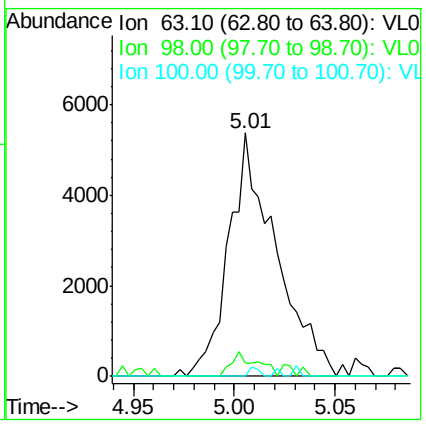


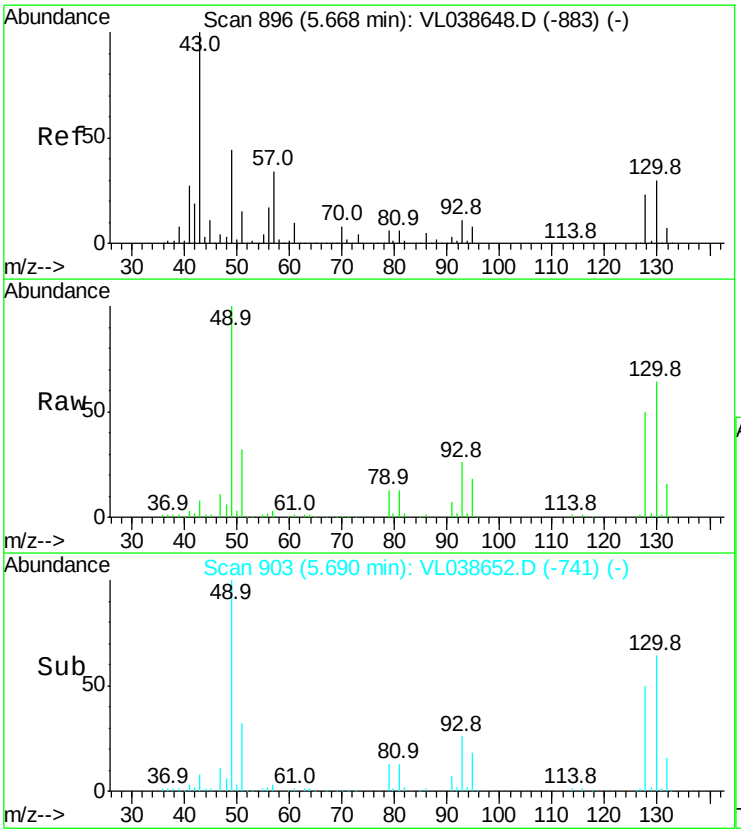
#24
1,1-Dichloroethane
Concen: 0.10 ppbv
RT: 5.01
Delta R.T
Lab File:
Acq: 21 Mar 2022 15:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 63 Resp: 8760

Ion	Ratio	Lower	Upper
63	100		
98	5.4	2.5	7.5
100	0.0	1.4	4.2#

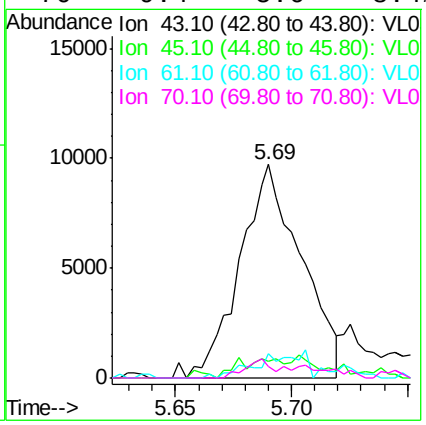


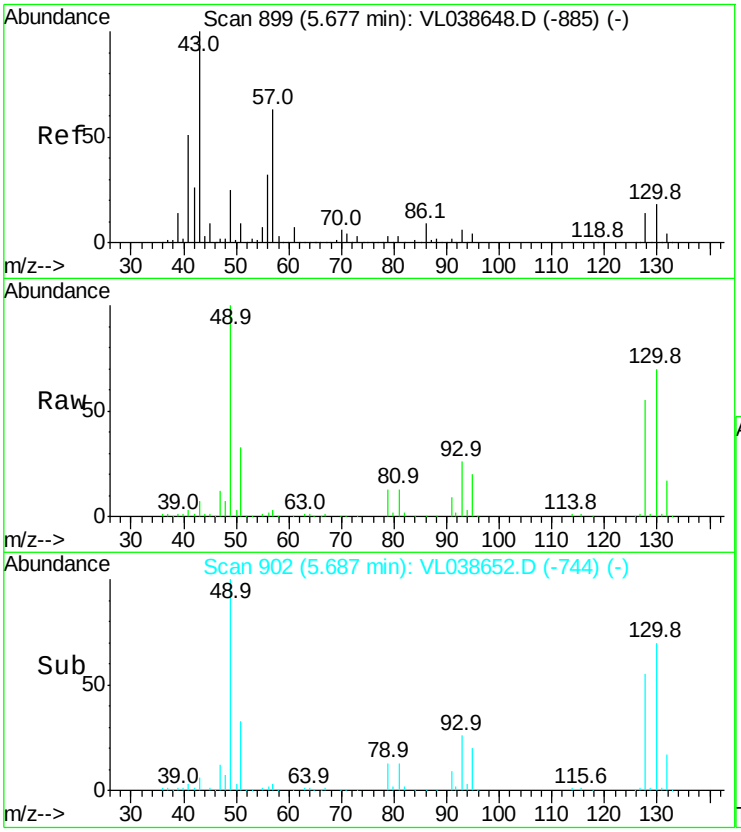


#25
Ethyl Acetate
Concen: 0.08 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.02 min
Lab File: VL038652.D
Acq: 21 Mar 2022 15:08

Tgt Ion: 43 Resp: 17872

Ion	Ratio	Lower	Upper
43	100		
45	15.0	8.2	12.4#
61	12.0	8.3	12.5
70	9.4	5.6	8.4#



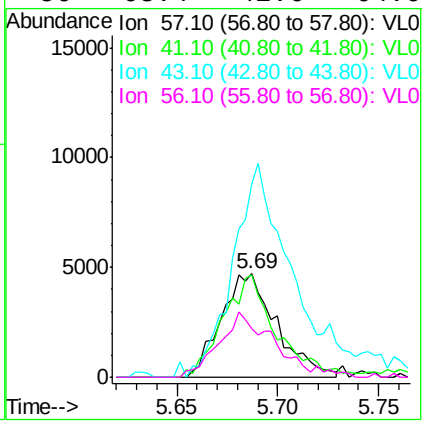


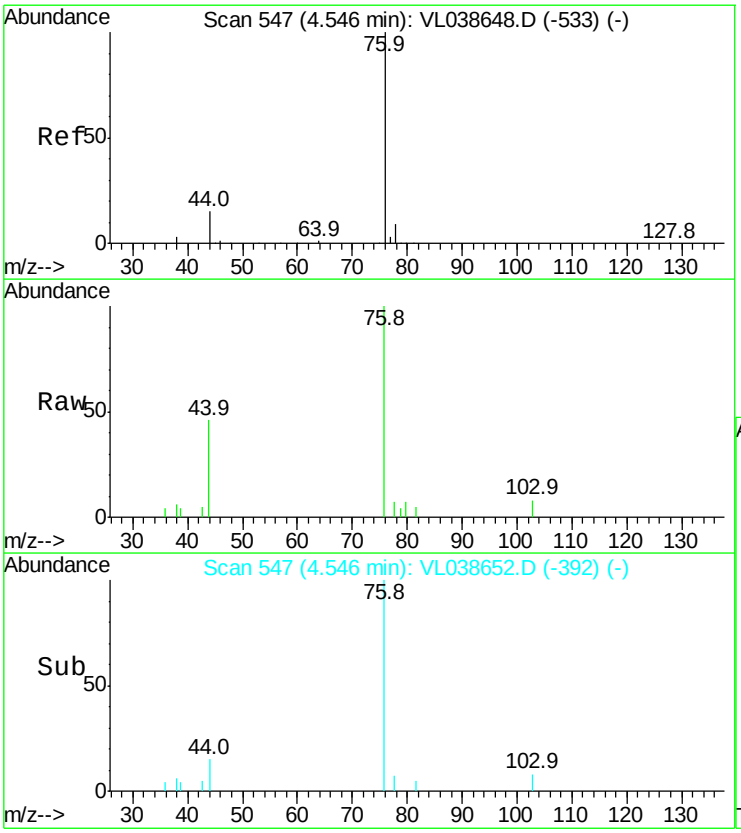
#26
Hexane
Concen: 0.09 ppbv
RT: 5.69
Delta R.T
Lab File:
Acq: 21 Mar 2022 15:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 57 Resp: 9009

Ion	Ratio	Lower	Upper
57	100		
41	100.0	67.0	100.4
43	248.7	184.2	276.2
56	63.4	42.6	64.0

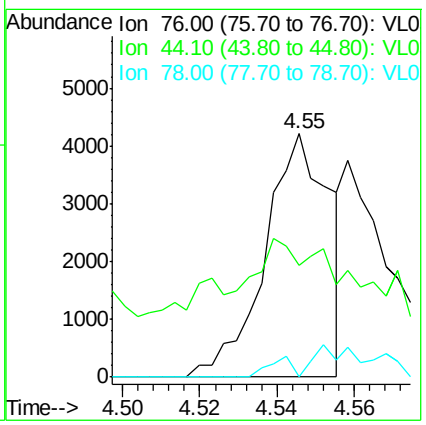


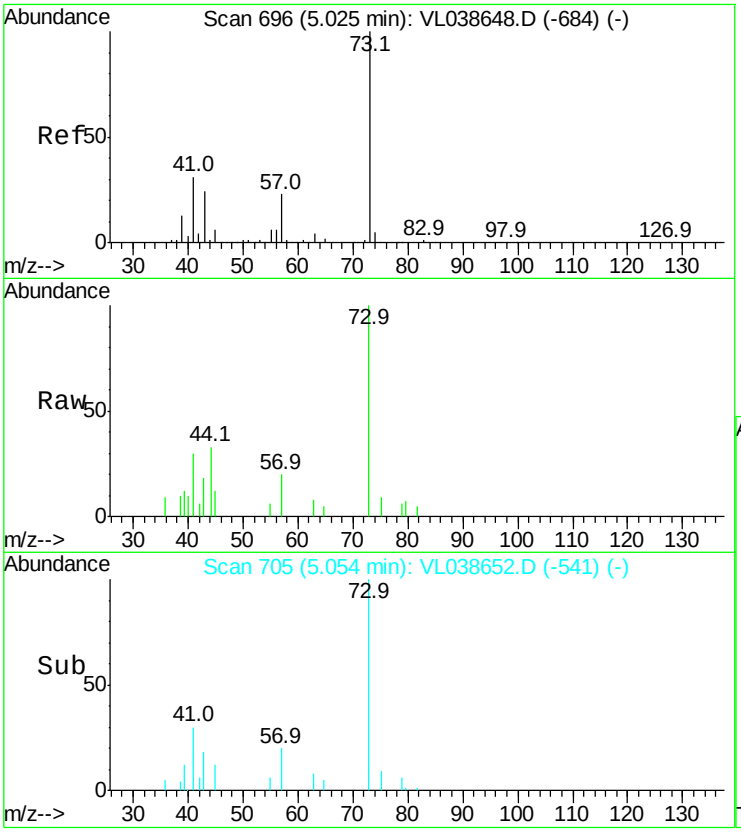


#27
Carbon Disulfide
Concen: 0.05 ppbv
RT: 4.55 min Scan# 547
Delta R.T. -0.00 min
Lab File: VL038652.D
Acq: 21 Mar 2022 15:08

Tgt Ion: 76 Resp: 4883

Ion	Ratio	Lower	Upper
76	100		
44	41.2	12.4	18.6#
78	0.0	7.8	11.8#



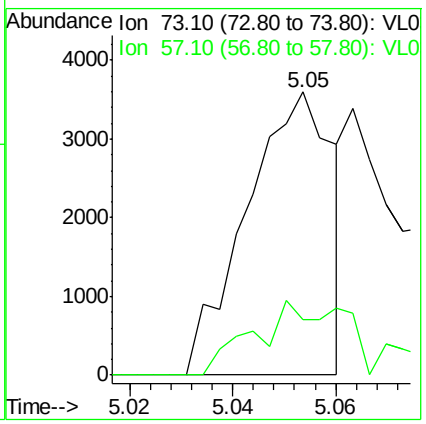


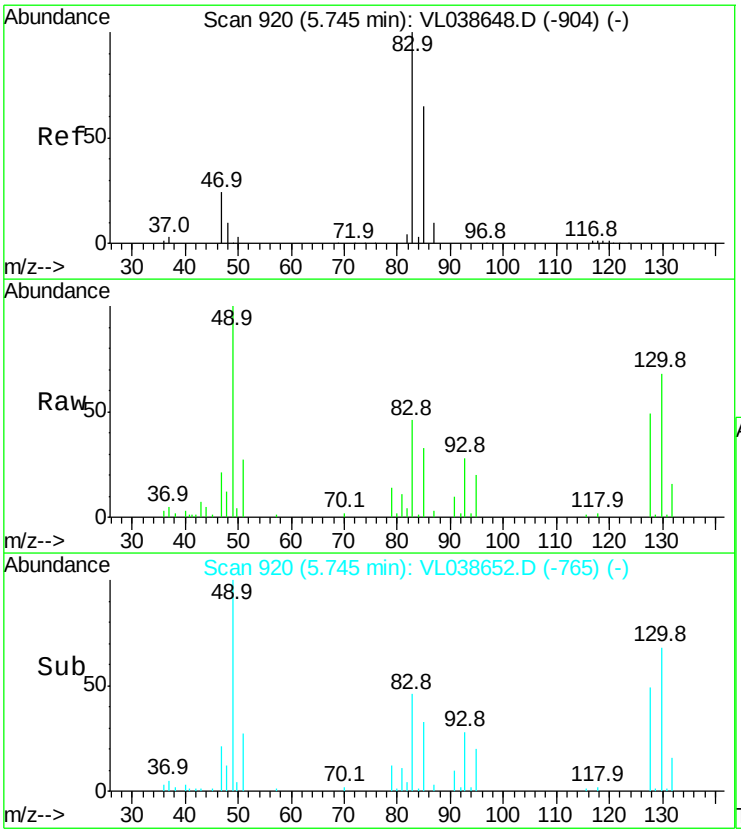
#28
Methyl tert-Butyl Ether
Concen: 0.05 ppbv
RT: 5.05
Delta R.T
Lab File:
Acq: 21 Mar 2022 15:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 73 Resp: 4165

Ion	Ratio	Lower	Upper
73	100		
57	35.5	19.2	28.8#

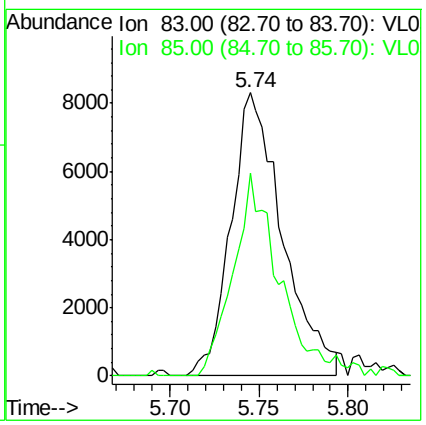


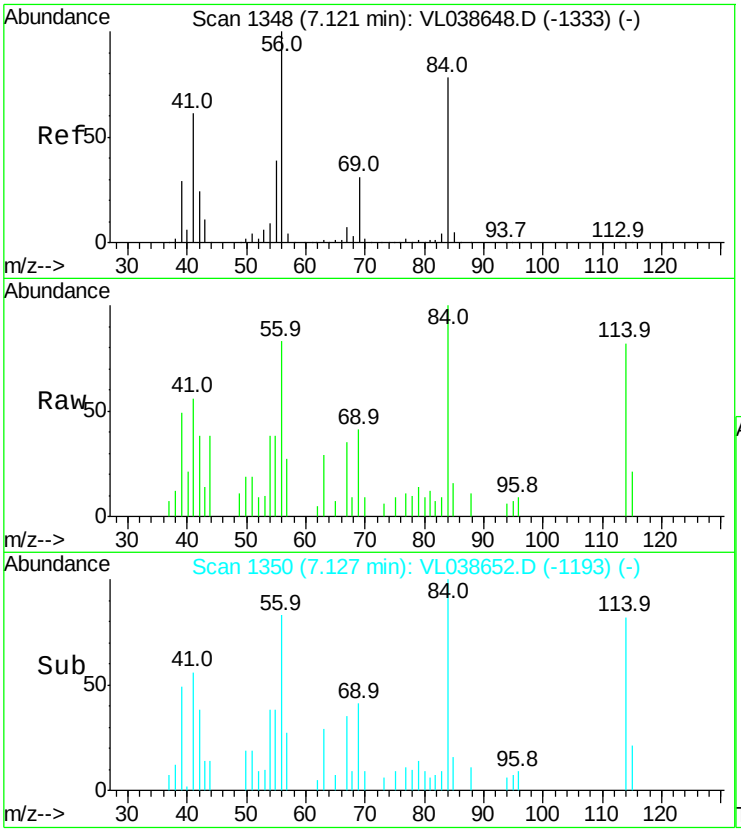


#29
Chloroform
Concen: 0.10 ppbv
RT: 5.74 min Scan# 920
Delta R.T. -0.00 min
Lab File: VL038652.D
Acq: 21 Mar 2022 15:08

Tgt Ion: 83 Resp: 16731

Ion	Ratio	Lower	Upper
83	100		
85	71.8	51.7	77.5



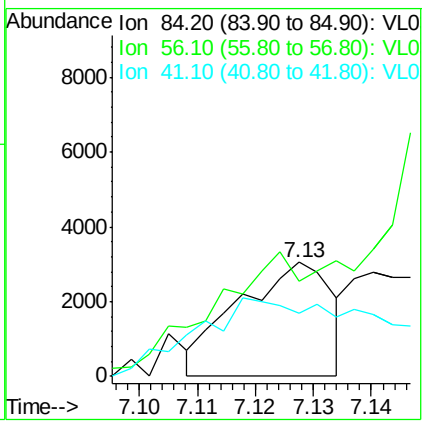


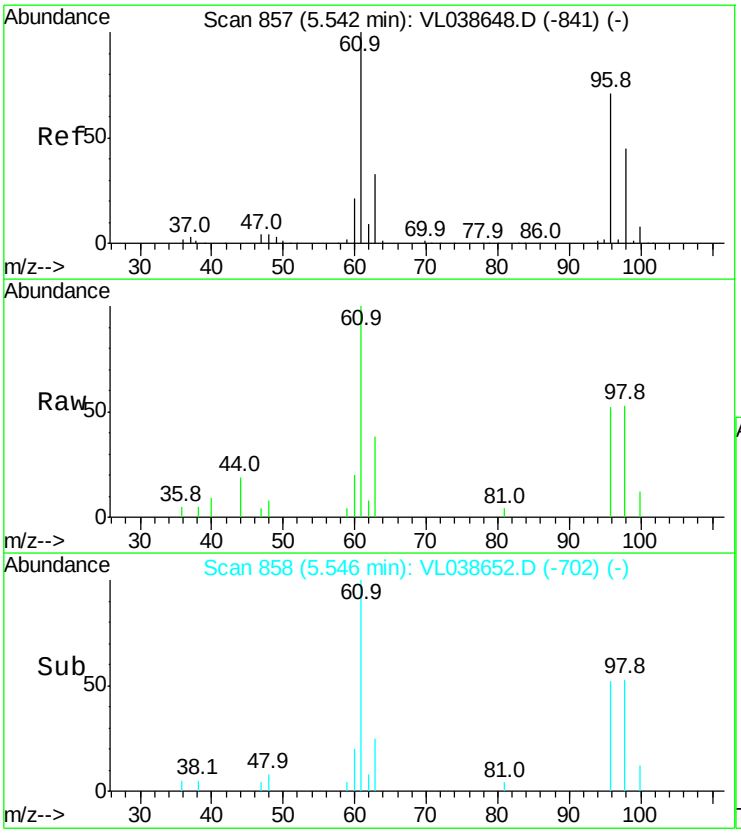
#30
Cyclohexane
Concen: 0.04 ppbv
RT: 7.13
Delta R.T
Lab File:
Acq: 21 Mar 2022 15:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 84 Resp: 3418

Ion	Ratio	Lower	Upper
84	100		
56	0.0	108.2	162.4#
41	162.3	61.8	92.6#

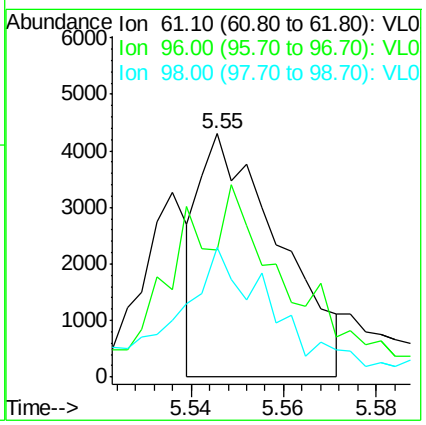


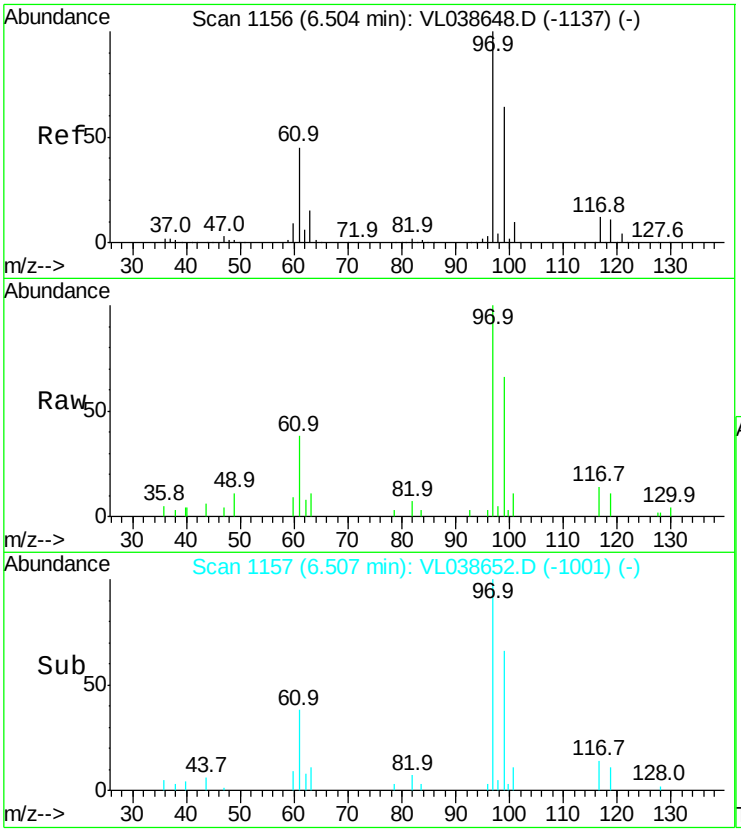


#31
cis-1,2-Dichloroethene
Concen: 0.05 ppbv
RT: 5.55 min Scan# 858
Delta R.T. 0.00 min
Lab File: VL038652.D
Acq: 21 Mar 2022 15:08

Tgt Ion: 61 Resp: 5154

Ion	Ratio	Lower	Upper
61	100		
96	48.7	56.6	84.8#
98	56.7	36.3	54.5#



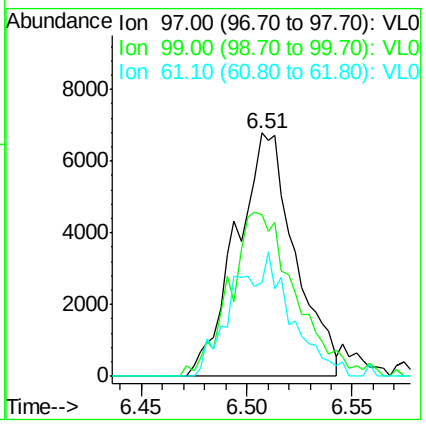


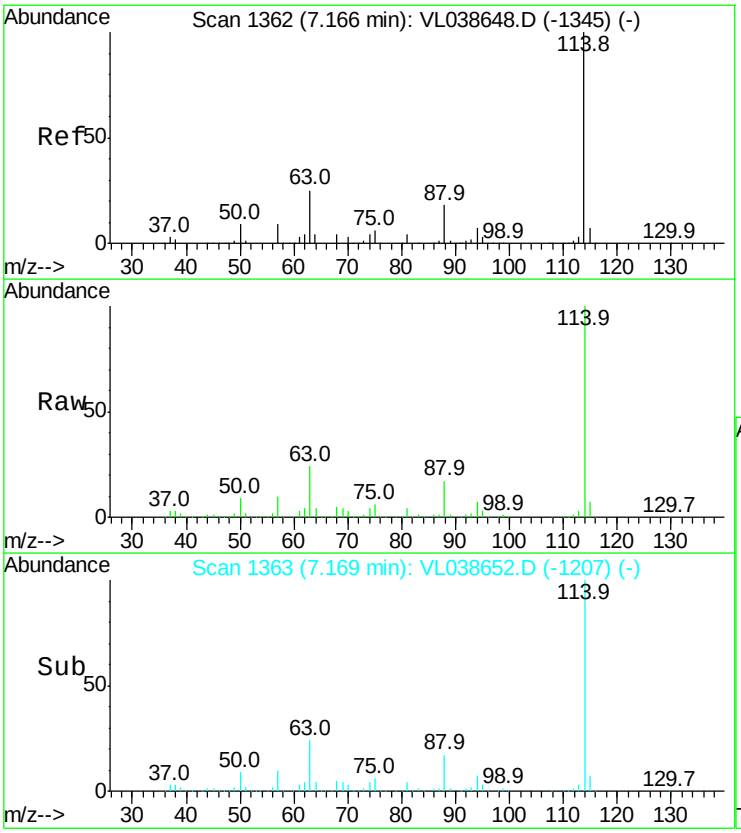
#32
1,1,1-Trichloroethane
Concen: 0.08 ppbv
RT: 6.51
Delta R.T
Lab File:
Acq: 21 Mar 2022 15:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 97 Resp: 13240

Ion	Ratio	Lower	Upper
97	100		
99	75.5	51.8	77.8
61	50.7	36.7	55.1

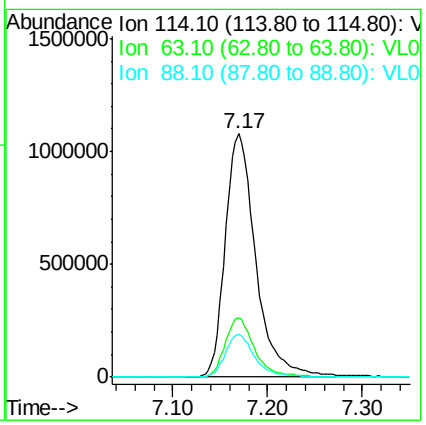


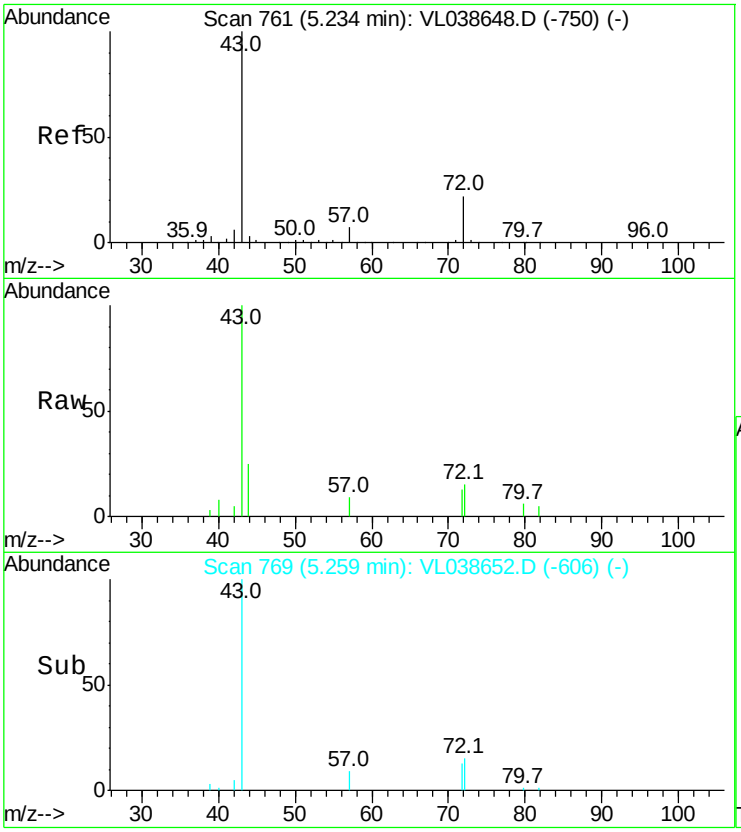


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VL038652.D
Acq: 21 Mar 2022 15:08

Tgt Ion:114 Resp: 2414848

Ion	Ratio	Lower	Upper
114	100		
63	24.1	19.4	29.0
88	17.3	13.9	20.9



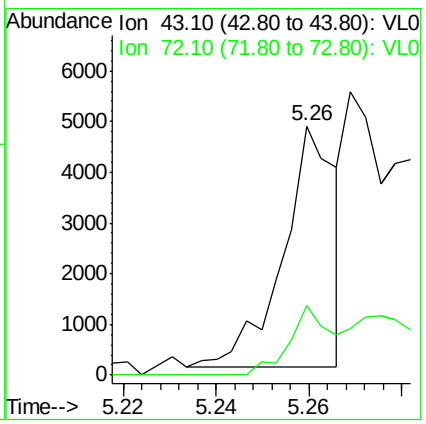


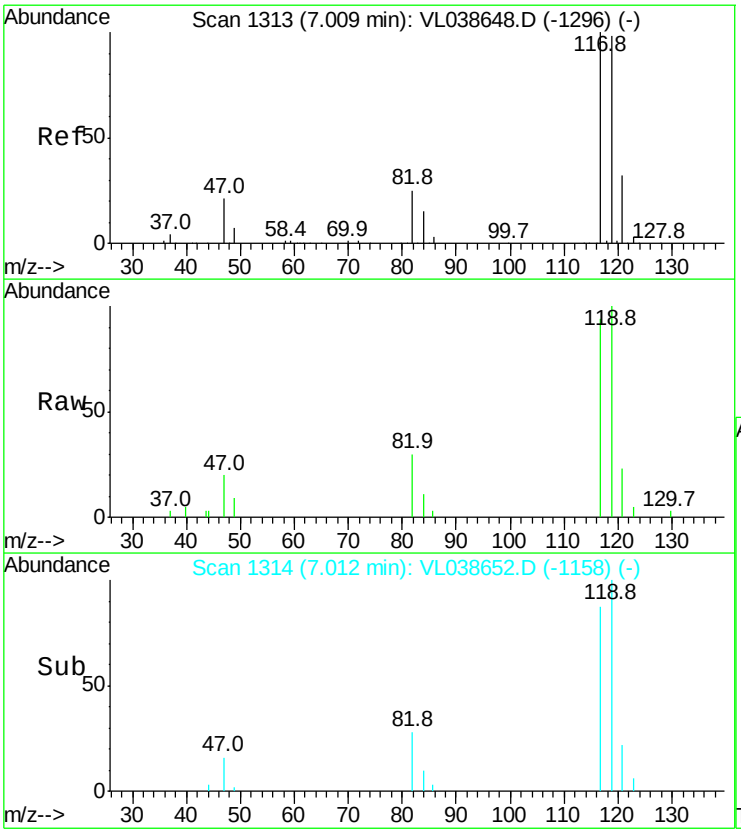
#34
2-Butanone
Concen: 0.06 ppbv
RT: 5.26
Delta R.T
Lab File:
Acq: 21 Mar 2022 15:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 43 Resp: 3731

Ion	Ratio	Lower	Upper
43	100		
72	69.1	17.8	26.8#

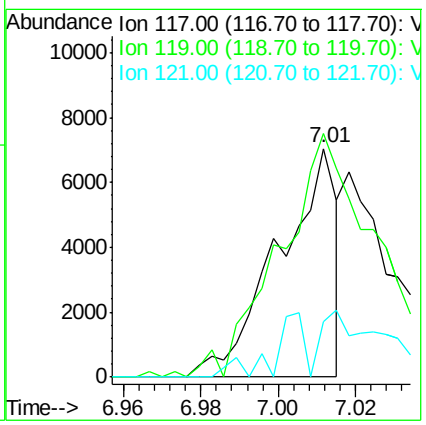


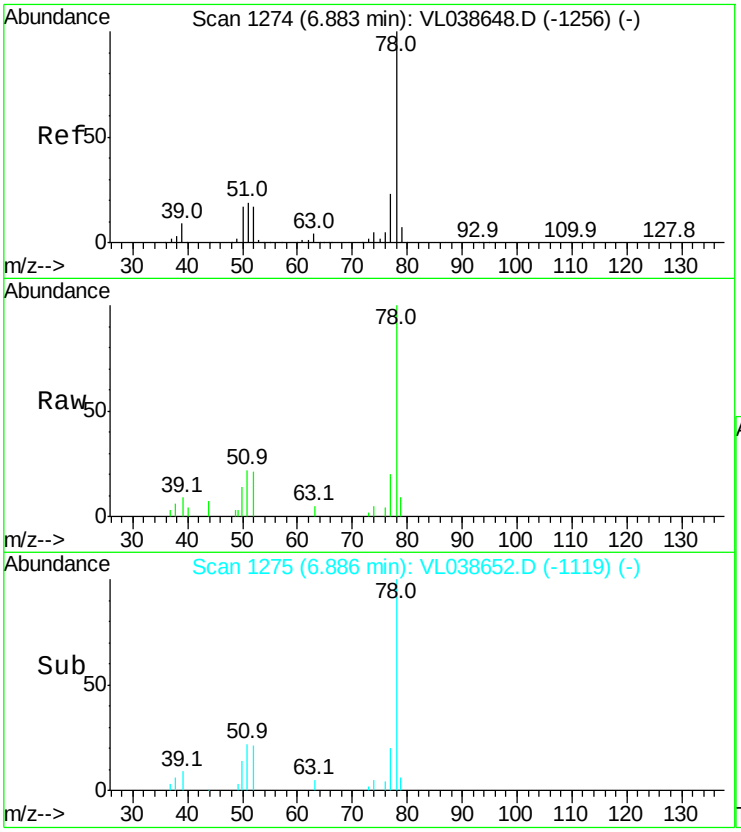


#35
Carbon Tetrachloride
Concen: 0.04 ppbv
RT: 7.01 min Scan# 1314
Delta R.T. 0.00 min
Lab File: VL038652.D
Acq: 21 Mar 2022 15:08

Tgt Ion:117 Resp: 7357

Ion	Ratio	Lower	Upper
117	100		
119	106.4	78.1	117.1
121	24.4	25.8	38.6#



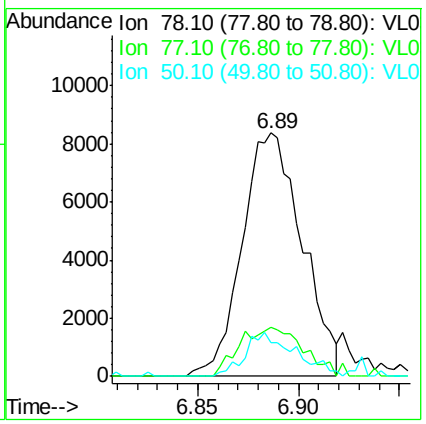


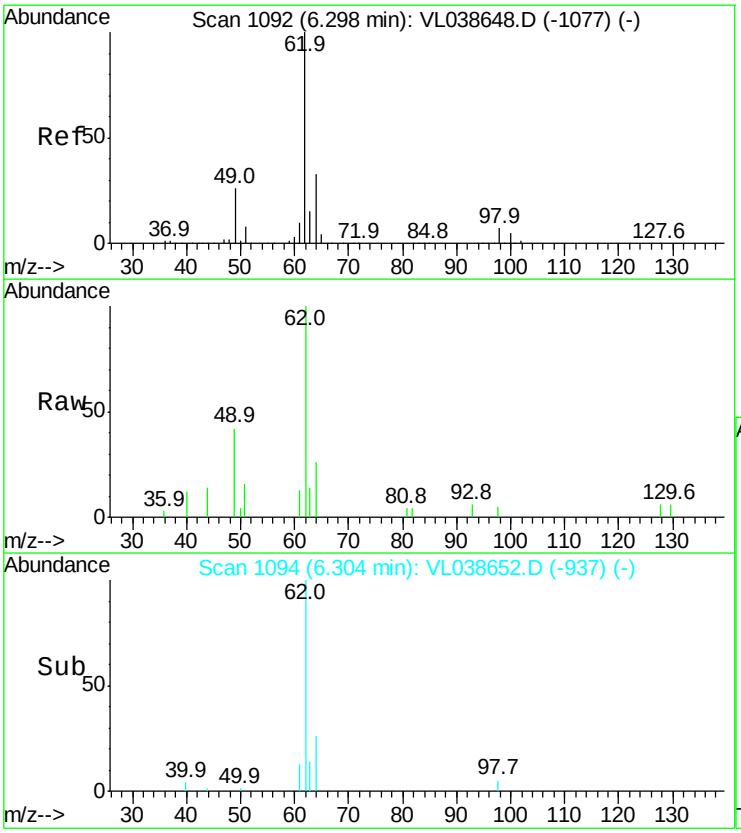
#36
Benzene
Concen: 0.08 ppbv
RT: 6.89
Delta R.T
Lab File:
Acq: 21 Mar 2022 15:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 78 Resp: 17366

Ion	Ratio	Lower	Upper
78	100		
77	18.8	18.1	27.1
50	12.6	13.6	20.4#

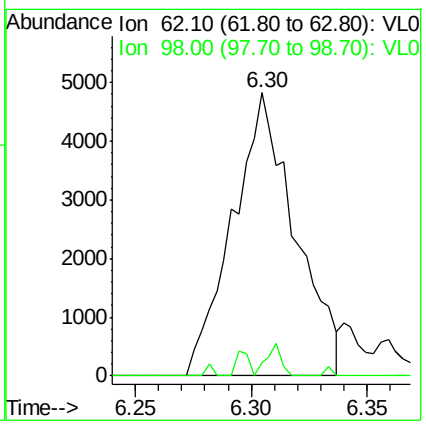


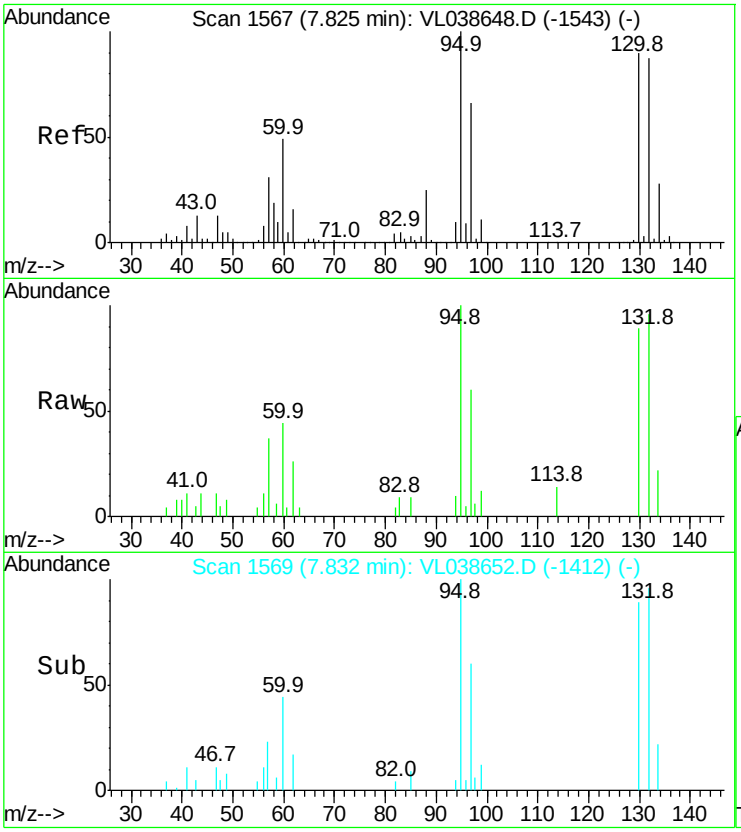


#37
1,2-Dichloroethane
Concen: 0.09 ppbv
RT: 6.30 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VL038652.D
Acq: 21 Mar 2022 15:08

Tgt Ion: 62 Resp: 9036

Ion	Ratio	Lower	Upper
62	100		
98	4.8	5.6	8.4#



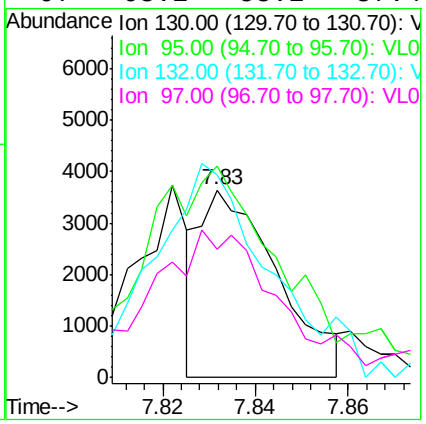


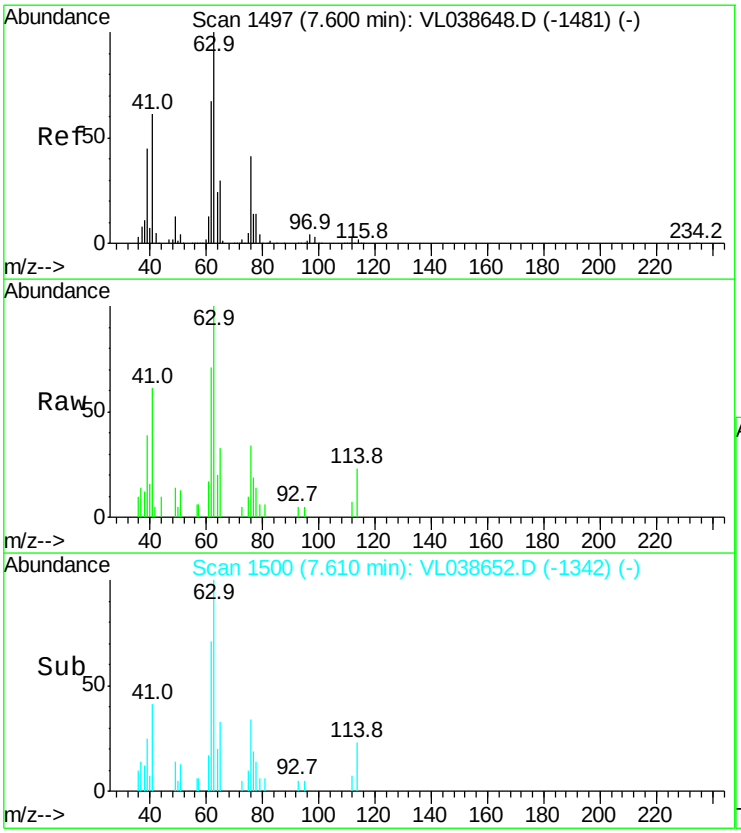
#38
Trichloroethene
Concen: 0.05 ppbv
RT: 7.83
Delta R.T
Lab File:
Acq: 21 Mar 2022 15:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:130 Resp: 4221

Ion	Ratio	Lower	Upper
130	100		
95	122.8	88.9	133.3
132	99.8	77.4	116.0
97	68.2	58.2	87.4

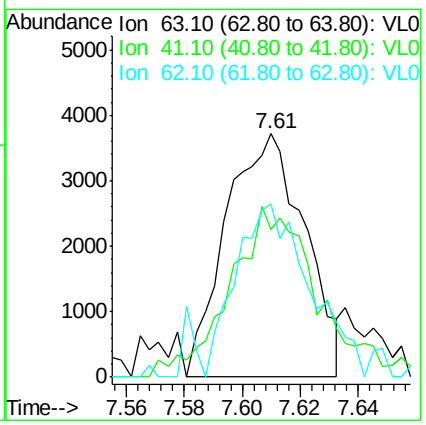


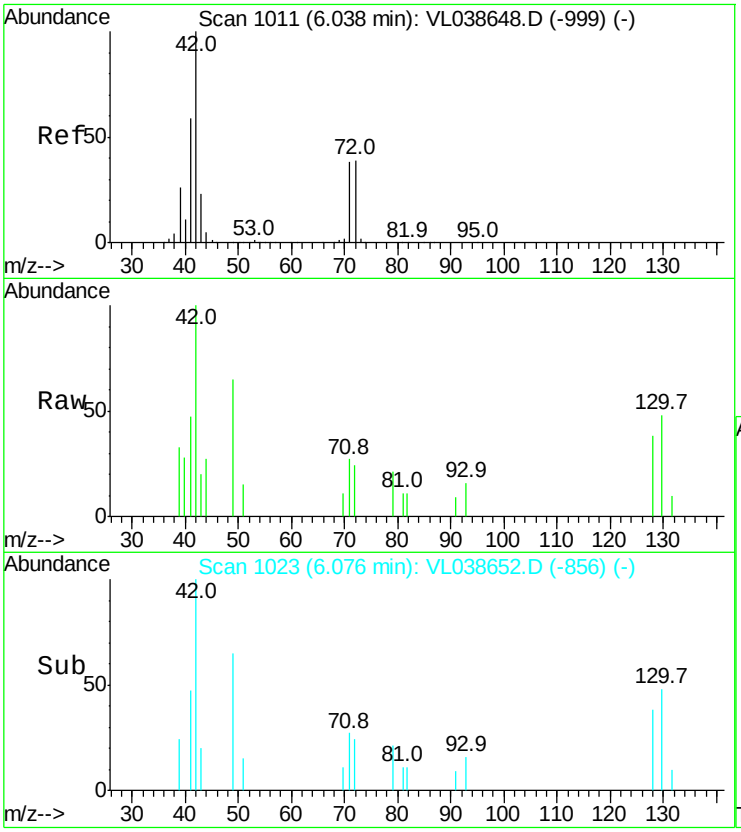


#39
1,2-Dichloropropane
Concen: 0.08 ppbv
RT: 7.61 min Scan# 1500
Delta R.T. 0.01 min
Lab File: VL038652.D
Acq: 21 Mar 2022 15:08

Tgt Ion: 63 Resp: 7015

Ion	Ratio	Lower	Upper
63	100		
41	63.1	49.0	73.6
62	51.8	53.9	80.9#



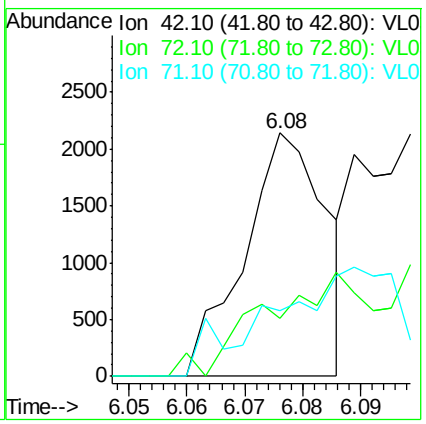


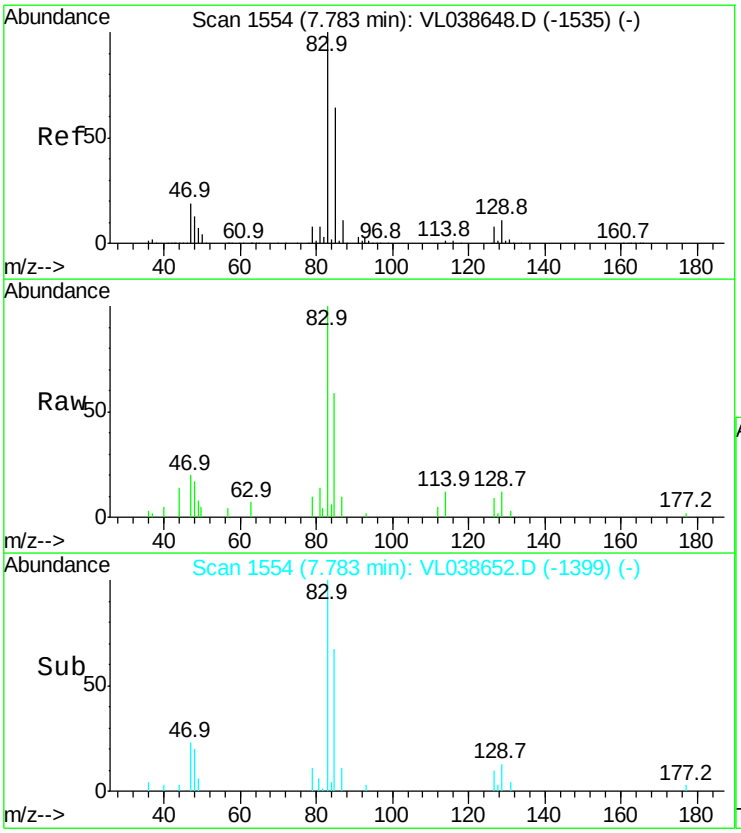
#41
Tetrahydrofuran
Concen: 0.04 ppbv
RT: 6.08
Delta R.T
Lab File:
Acq: 21 Mar 2022 15:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 42 Resp: 2089

Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.5	48.7#
71	0.0	31.4	47.2#

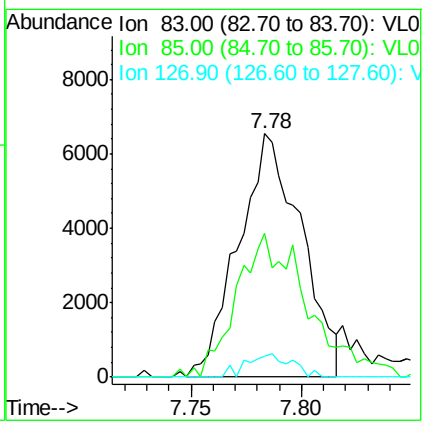


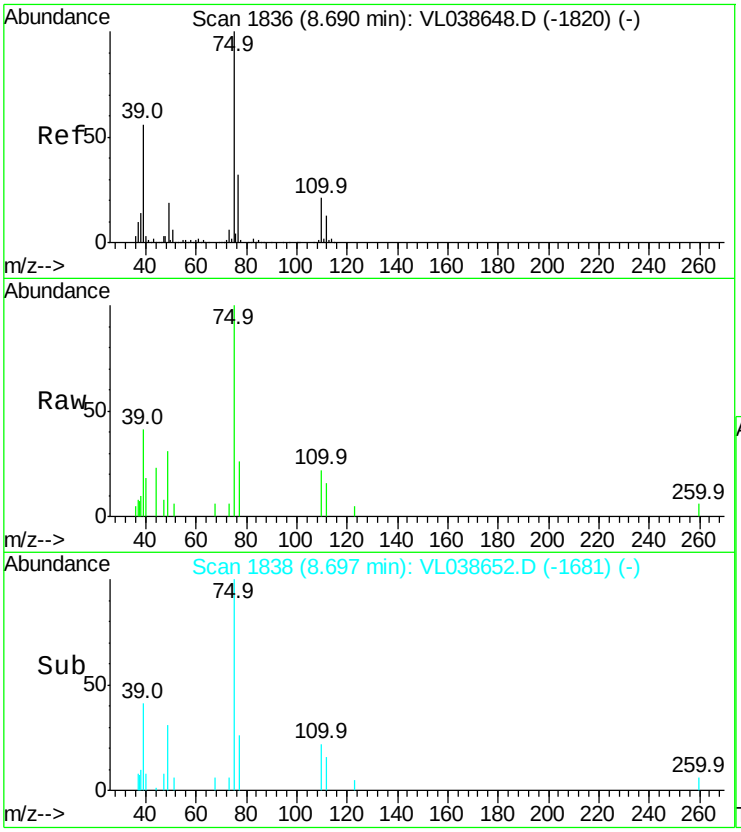


#42
Bromodichloromethane
Concen: 0.08 ppbv
RT: 7.78 min Scan# 1554
Delta R.T. -0.00 min
Lab File: VL038652.D
Acq: 21 Mar 2022 15:08

Tgt Ion: 83 Resp: 12932

Ion	Ratio	Lower	Upper
83	100		
85	58.9	51.1	76.7
127	11.1	6.5	9.7#



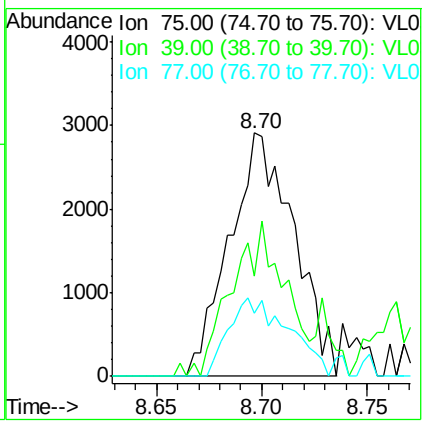


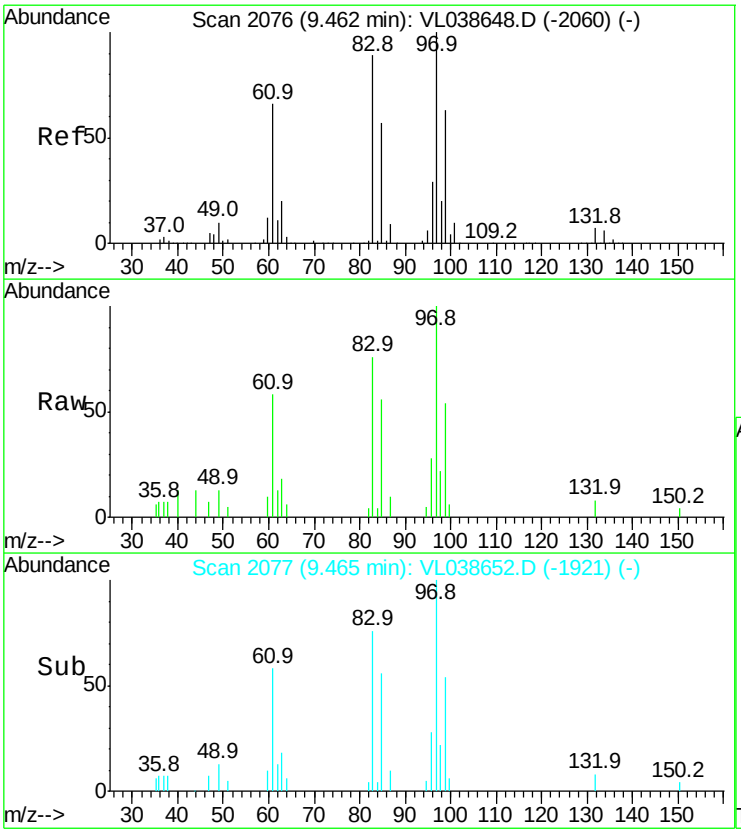
#46
cis-1,3-Dichloropropene
Concen: 0.08 ppbv
RT: 8.70
Delta R.T
Lab File:
Acq: 21 Mar 2022 15:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 75 Resp: 6166

Ion	Ratio	Lower	Upper
75	100		
39	41.0	44.8	67.2#
77	26.0	25.4	38.0

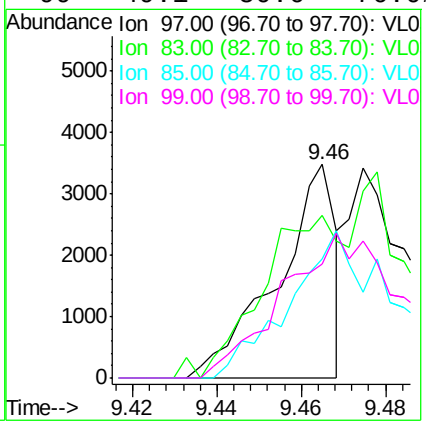


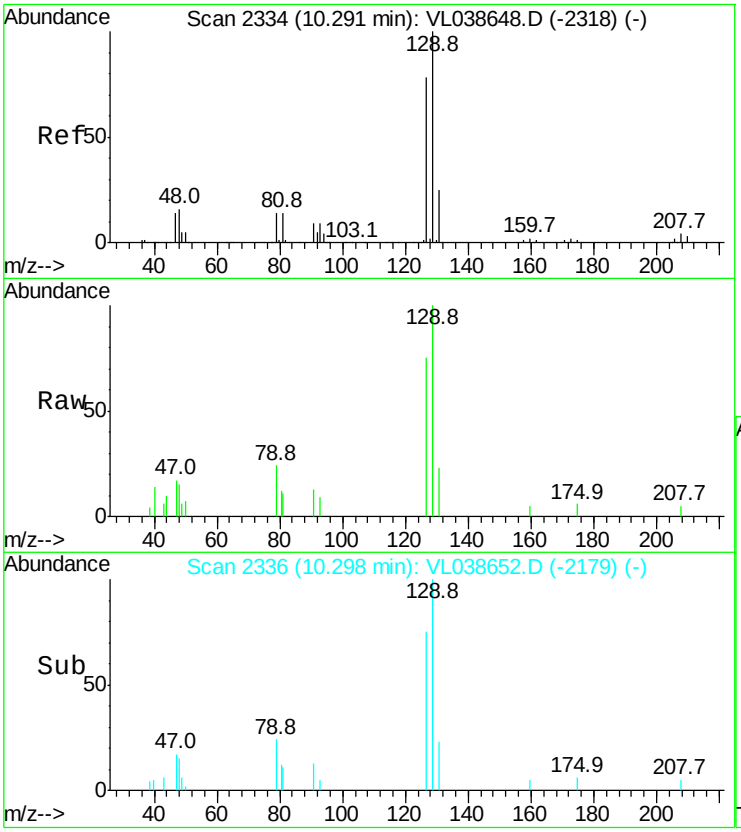


#47
1,1,2-Trichloroethane
Concen: 0.04 ppbv
RT: 9.46 min Scan# 2077
Delta R.T. 0.00 min
Lab File: VL038652.D
Acq: 21 Mar 2022 15:08

Tgt Ion: 97 Resp: 3340

Ion	Ratio	Lower	Upper
97	100		
83	54.2	71.2	106.8#
85	45.4	45.3	67.9
99	49.1	50.6	76.0#



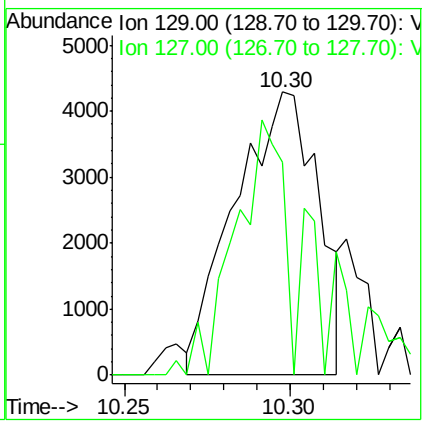


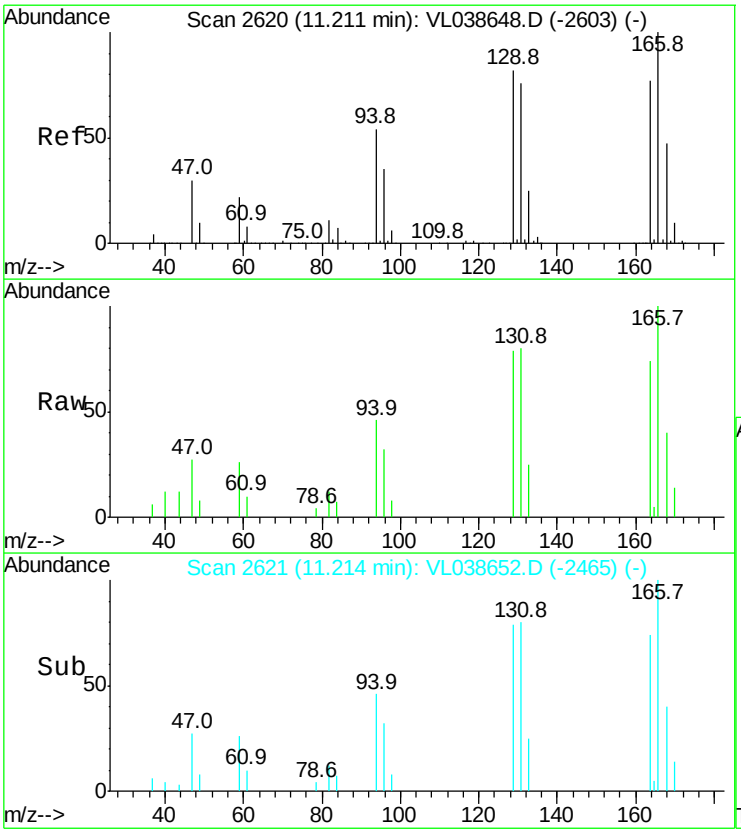
#48
Dibromochloromethane
Concen: 0.06 ppbv
RT: 10.30
Delta R.T
Lab File:
Acq: 21 Mar 2022 15:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:129 Resp: 7498

Ion	Ratio	Lower	Upper
129	100		
127	83.3	39.5	118.5

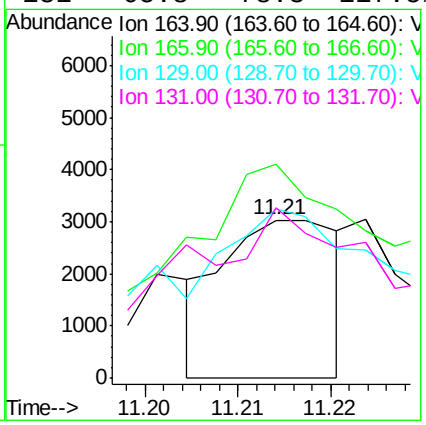


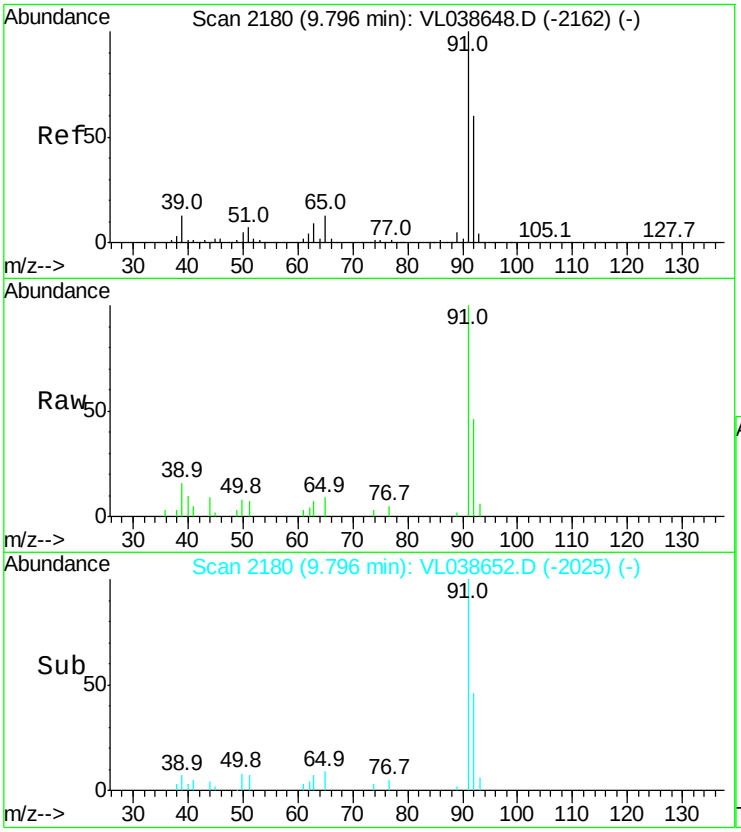


#52
Tetrachloroethene
Concen: 0.03 ppbv
RT: 11.21 min Scan# 2621
Delta R.T. 0.00 min
Lab File: VL038652.D
Acq: 21 Mar 2022 15:08

Tgt Ion:164 Resp: 2617

Ion	Ratio	Lower	Upper
164	100		
166	106.8	103.3	154.9
129	150.6	85.2	127.8#
131	65.8	78.3	117.5#



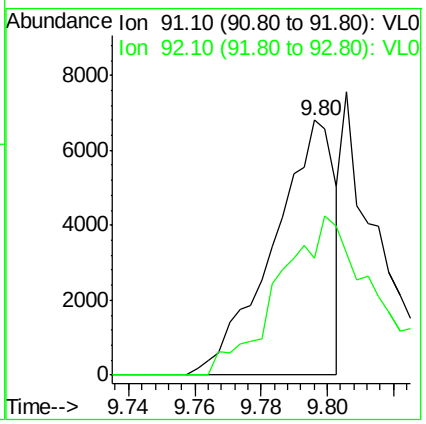


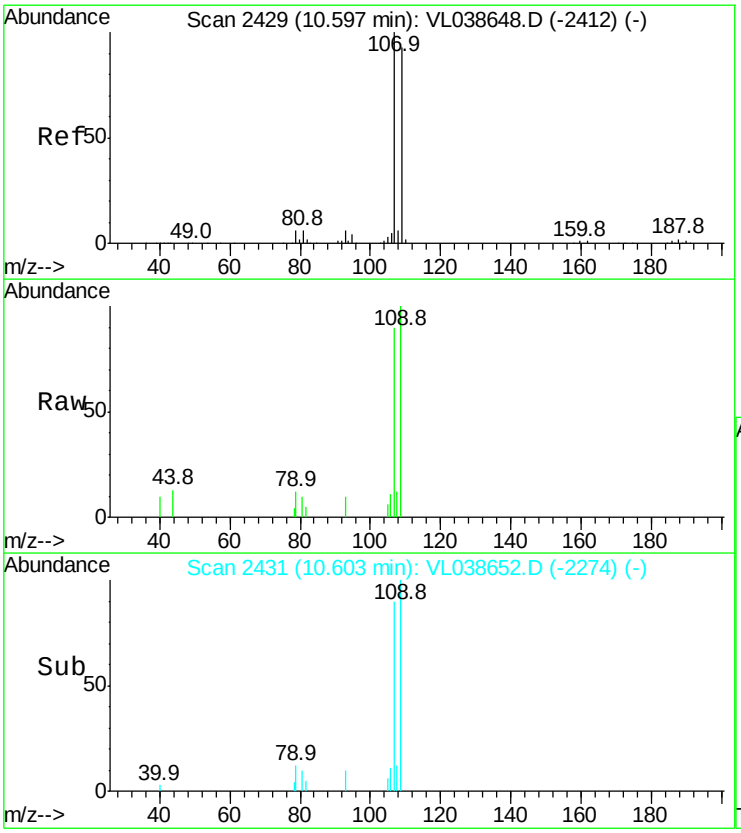
#53
Toluene
Concen: 0.04 ppbv
RT: 9.80
Delta R.T
Lab File:
Acq: 21 Mar 2022 15:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 91 Resp: 8815

Ion	Ratio	Lower	Upper
91	100		
92	99.8	48.7	73.1#

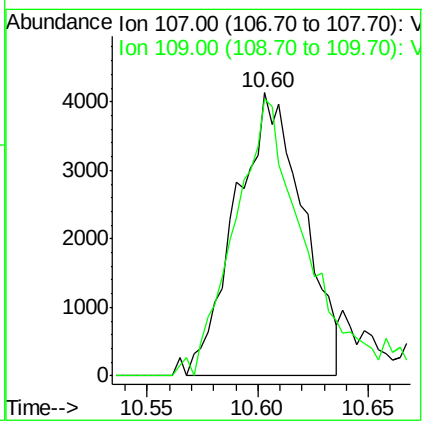


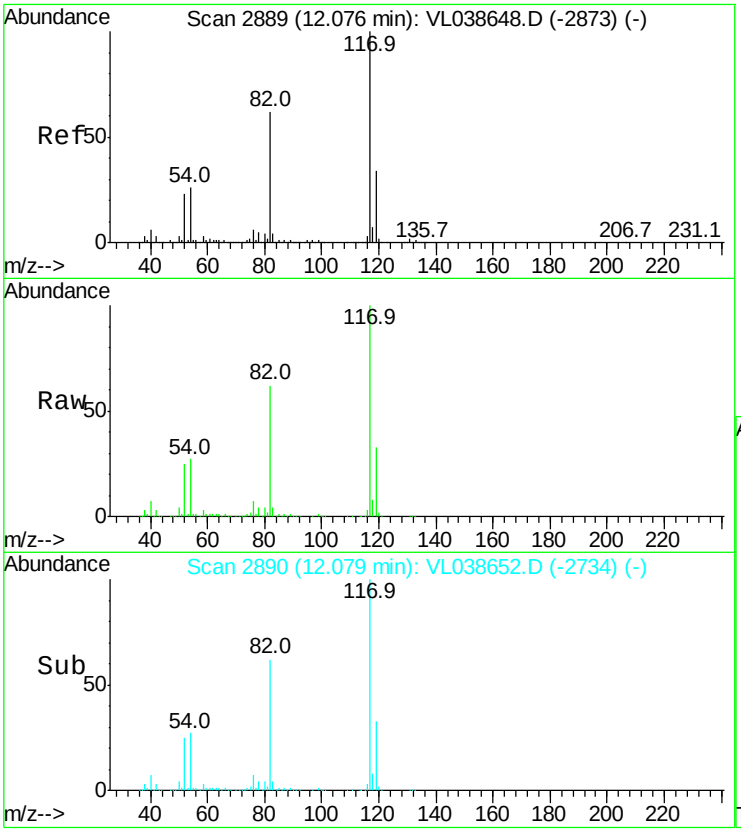


#54
1,2-Dibromoethane
Concen: 0.07 ppbv
RT: 10.60 min Scan# 2431
Delta R.T. 0.01 min
Lab File: VL038652.D
Acq: 21 Mar 2022 15:08

Tgt Ion:107 Resp: 8744

Ion	Ratio	Lower	Upper
107	100		
109	91.6	74.1	111.1



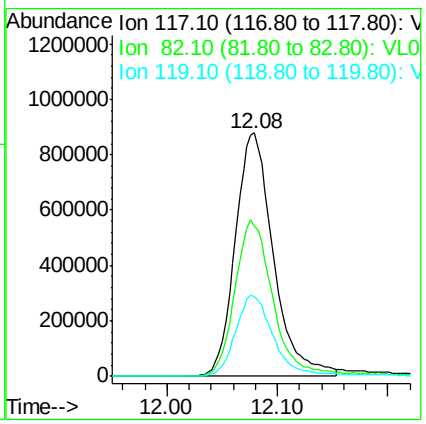


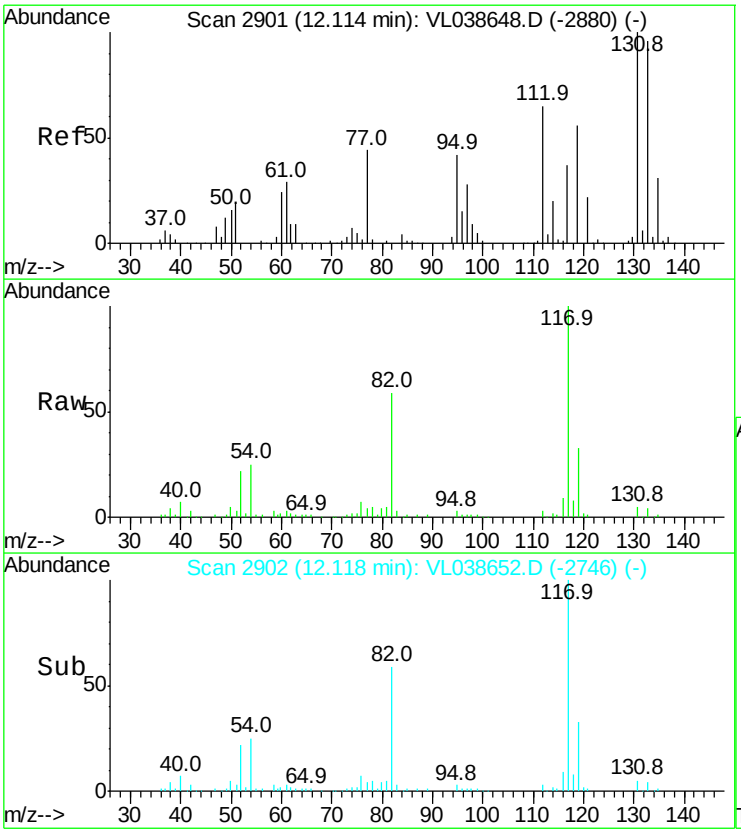
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.08
Delta R.T
Lab File:
Acq: 21 Mar 2022 15:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:117 Resp: 2104649

Ion	Ratio	Lower	Upper
117	100		
82	66.2	51.6	77.4
119	34.3	26.9	40.3

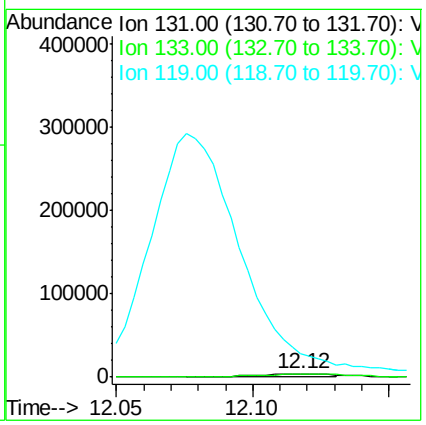


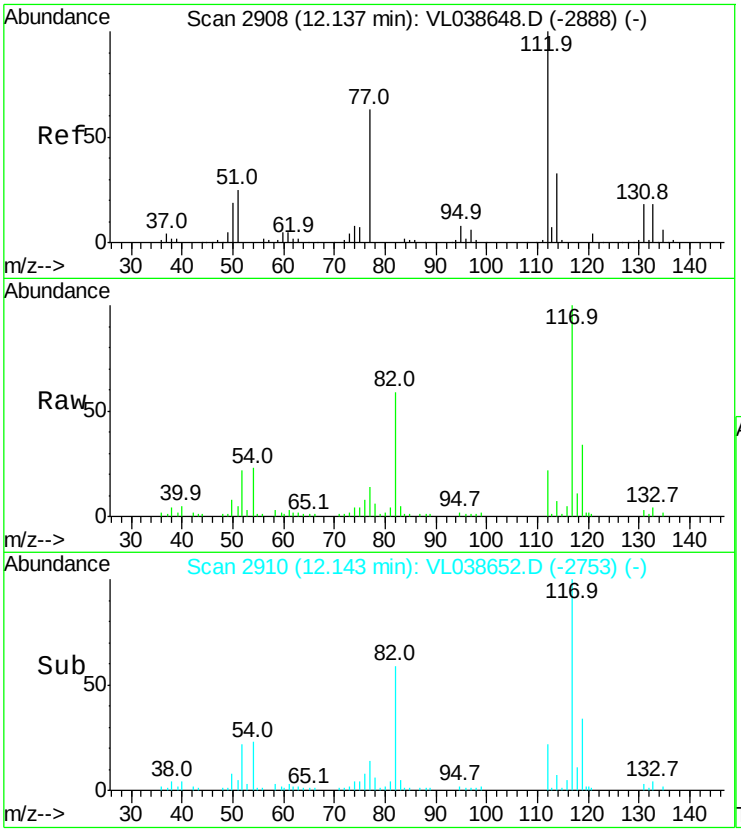


#56
1,1,1,2-Tetrachloroethane
Concen: 0.08 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. 0.00 min
Lab File: VL038652.D
Acq: 21 Mar 2022 15:08

Tgt Ion:131 Resp: 7040

Ion	Ratio	Lower	Upper
131	100		
133	129.1	77.3	115.9#
119	10409.4	53.0	79.6#



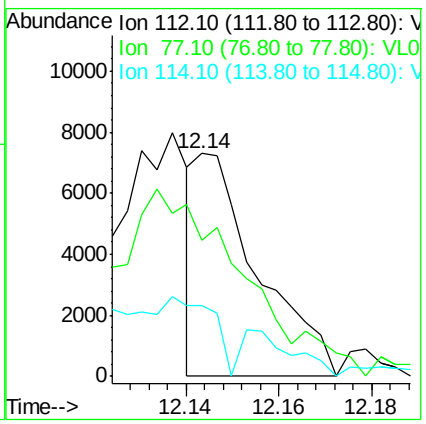


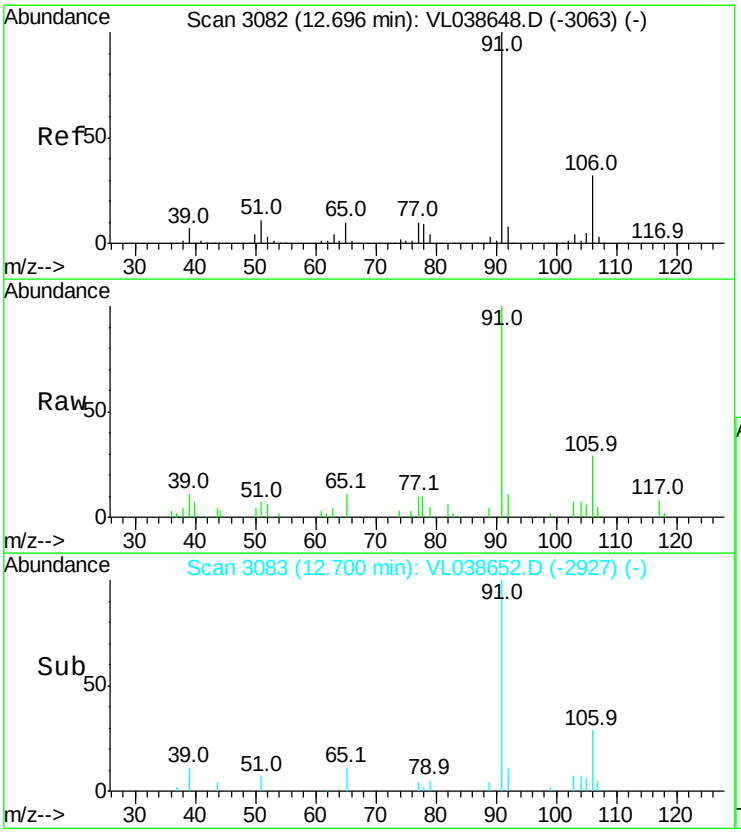
#57
Chlorobenzene
Concen: 0.04 ppbv
RT: 12.14
Delta R.T
Lab File:
Acq: 21 Mar 2022 15:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:112 Resp: 6771

Ion	Ratio	Lower	Upper
112	100		
77	50.8	51.0	76.6#
114	31.9	29.8	36.4

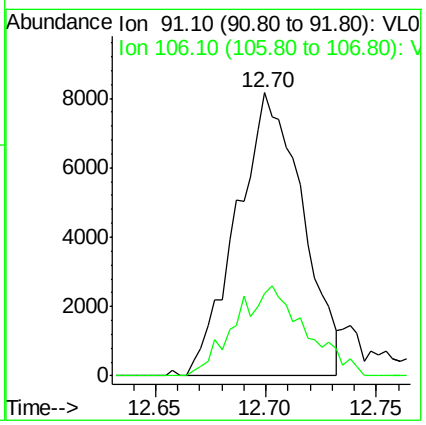


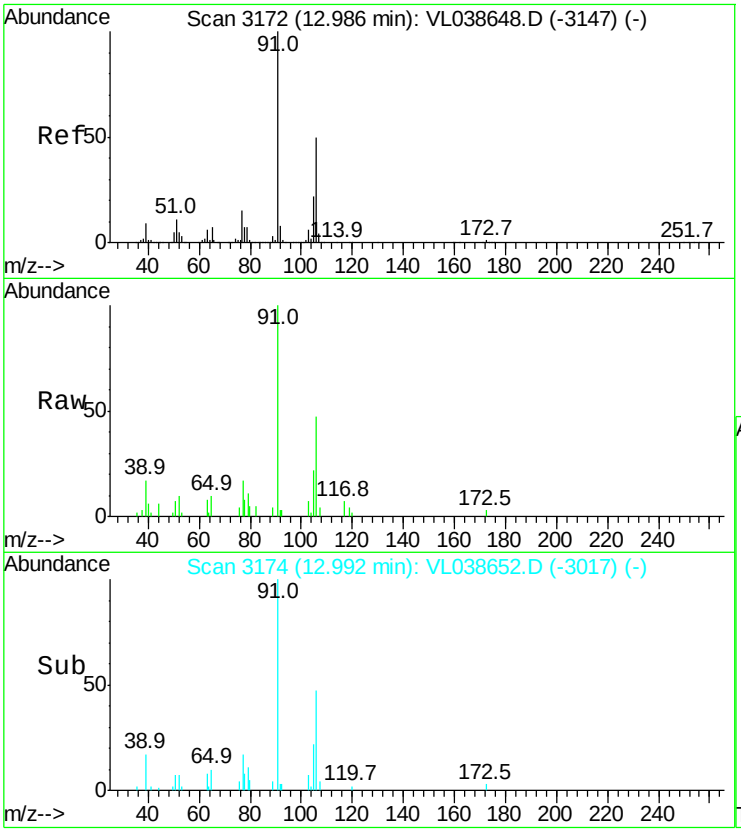


#58
Ethyl Benzene
Concen: 0.06 ppbv
RT: 12.70 min Scan# 3083
Delta R.T. 0.00 min
Lab File: VL038652.D
Acq: 21 Mar 2022 15:08

Tgt Ion: 91 Resp: 16906

Ion	Ratio	Lower	Upper
91	100		
106	34.6	25.4	38.0



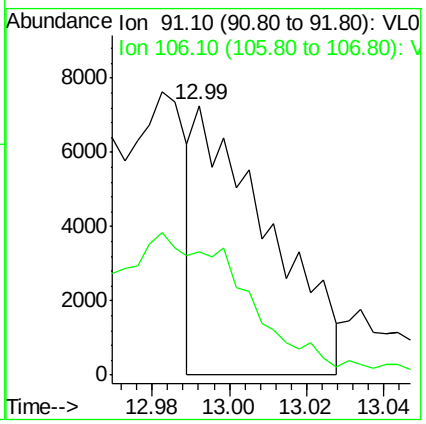


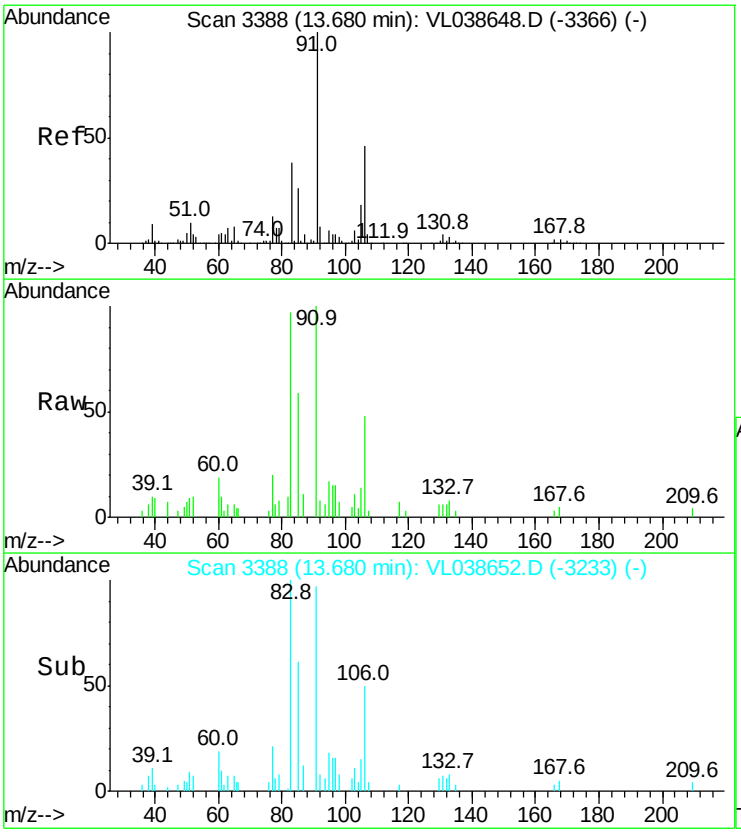
#59
m/p-Xylene
Concen: 0.04 ppbv
RT: 12.99
Delta R.T
Lab File:
Acq: 21 Mar 2022 15:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 91 Resp: 9584

Ion	Ratio	Lower	Upper
91	100		
106	0.0	37.2	55.8#

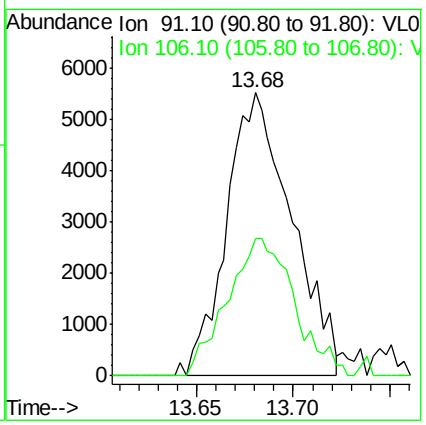


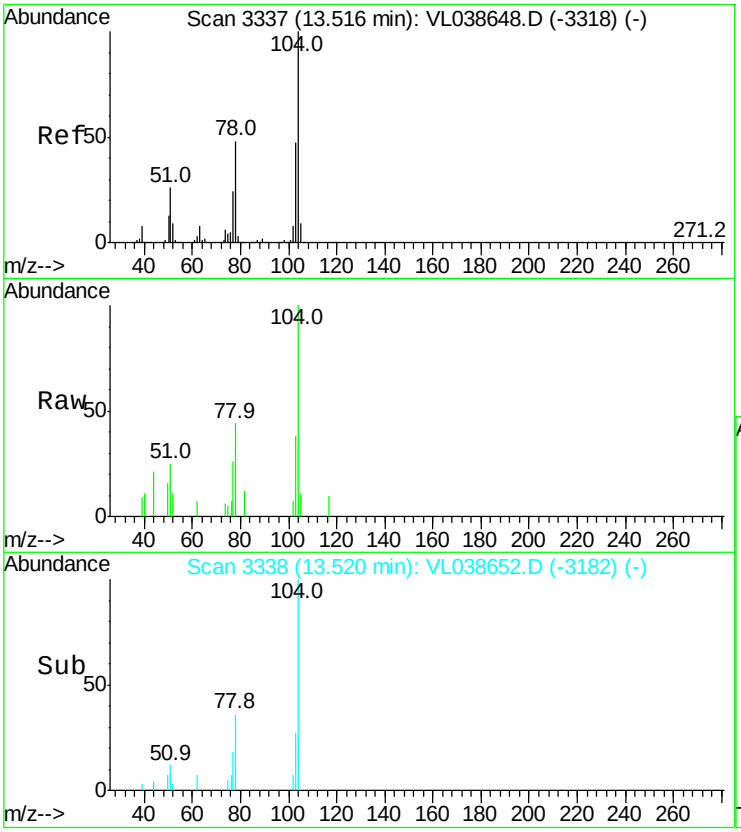


#60
o-Xylene
Concen: 0.06 ppbv
RT: 13.68 min Scan# 3388
Delta R.T. -0.00 min
Lab File: VL038652.D
Acq: 21 Mar 2022 15:08

Tgt Ion: 91 Resp: 12888

Ion	Ratio	Lower	Upper
91	100		
106	50.8	23.5	70.5



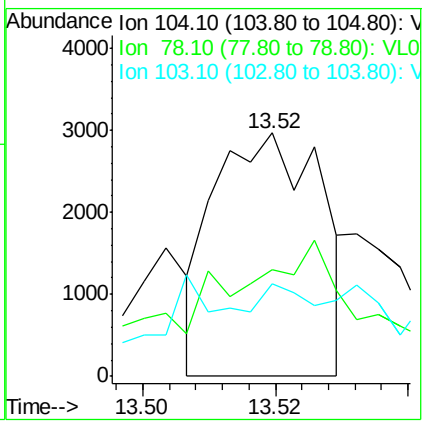


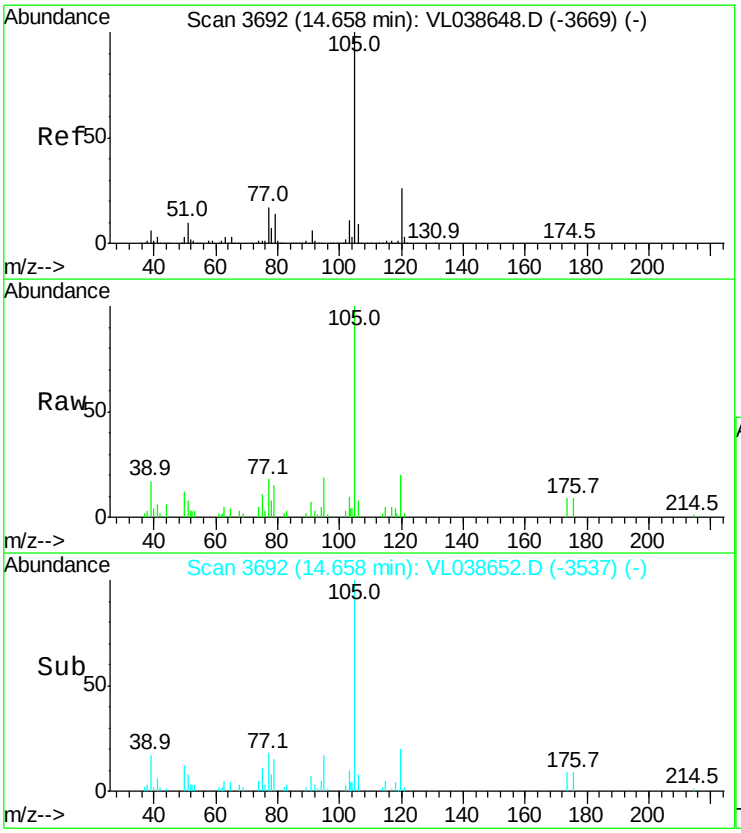
#61
Styrene
Concen: 0.03 ppbv
RT: 13.52
Delta R.T
Lab File:
Acq: 21 Mar 2022 15:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:104 Resp: 3336

Ion	Ratio	Lower	Upper
104	100		
78	0.0	39.0	58.4#
103	0.0	37.8	56.8#

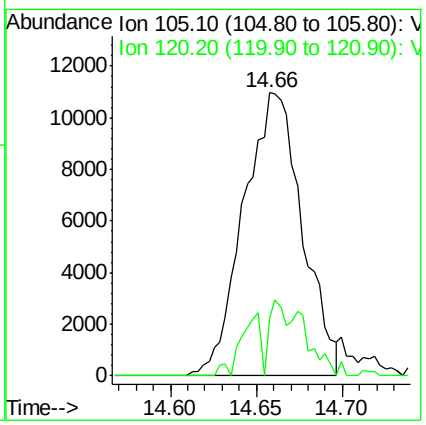


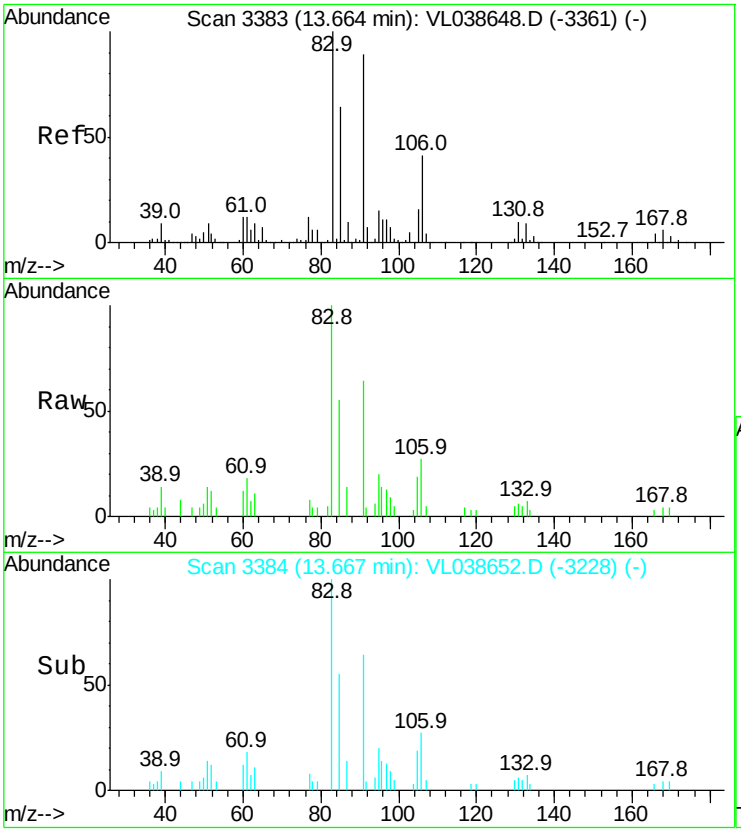


#62
Isopropylbenzene
Concen: 0.09 ppbv
RT: 14.66 min Scan# 3692
Delta R.T. -0.00 min
Lab File: VL038652.D
Acq: 21 Mar 2022 15:08

Tgt Ion:105 Resp: 25944

Ion	Ratio	Lower	Upper
105	100		
120	23.7	21.2	31.8



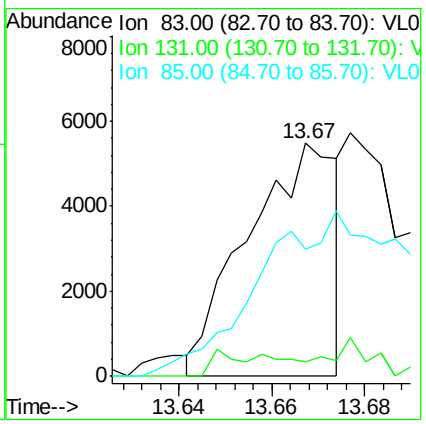


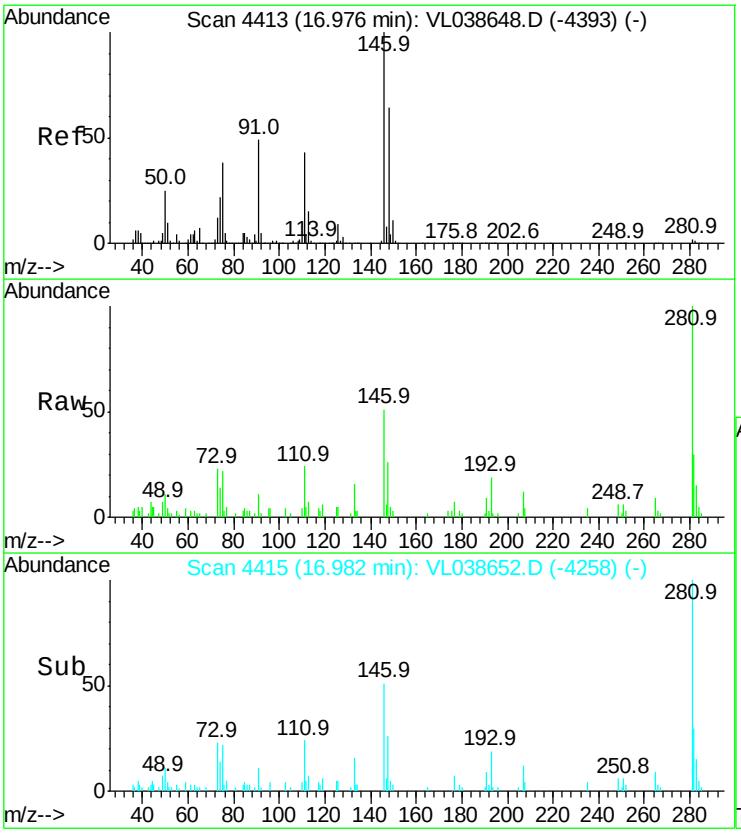
#63
1,1,2,2-Tetrachloroethane
Concen: 0.04 ppbv
RT: 13.67
Delta R.T
Lab File:
Acq: 21 Mar 2022 15:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 83 Resp: 7276

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.8	14.3#
85	0.0	32.6	97.8#

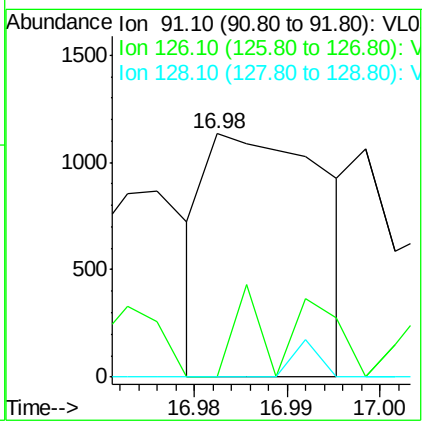


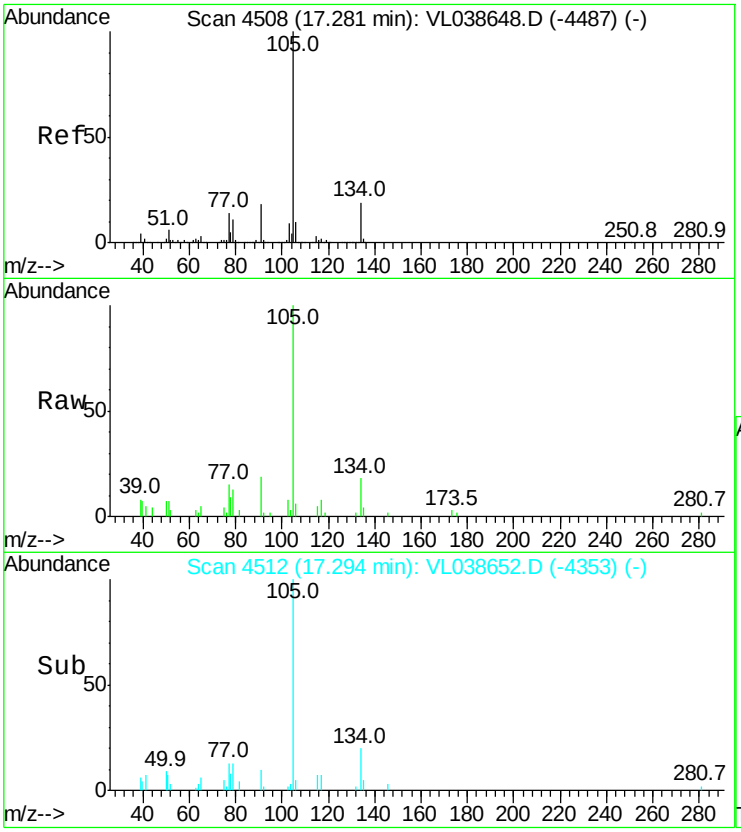


#66
Benzyl Chloride
Concen: 0.06 ppbv
RT: 16.98 min Scan# 4415
Delta R.T. 0.01 min
Lab File: VL038652.D
Acq: 21 Mar 2022 15:08

Tgt Ion: 91 Resp: 1008

Ion	Ratio	Lower	Upper
91	100		
126	0.0	14.3	21.5#
128	0.0	4.6	6.8#



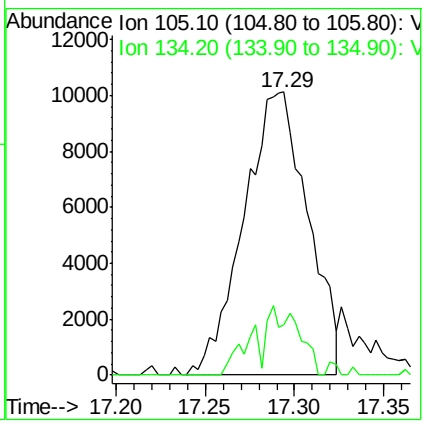


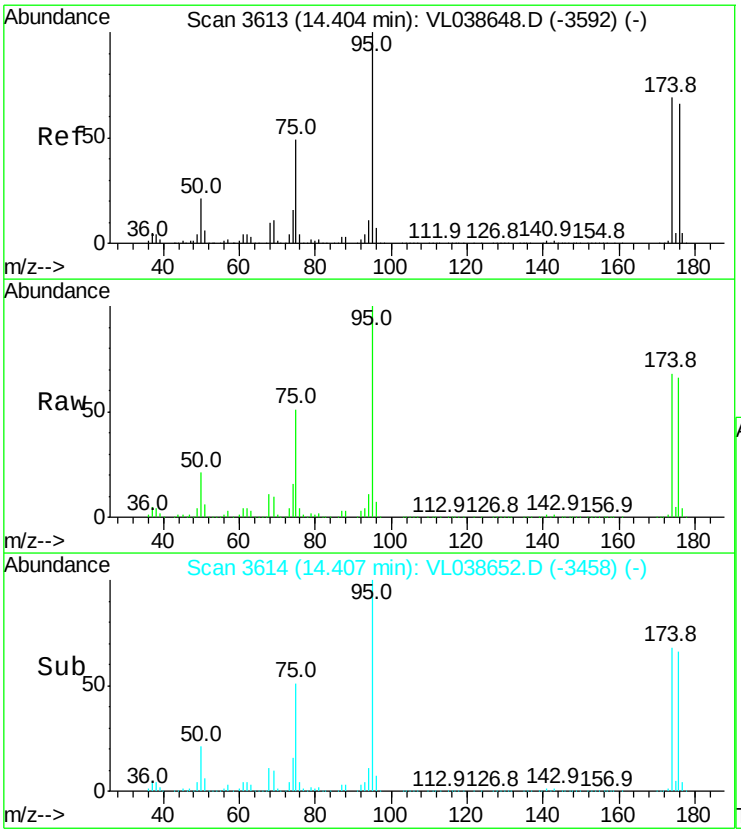
#67
sec-Butylbenzene
Concen: 0.07 ppbv
RT: 17.29
Delta R.T
Lab File:
Acq: 21 Mar 2022 15:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:105 Resp: 25435

Ion	Ratio	Lower	Upper
105	100		
134	17.2	15.1	22.7

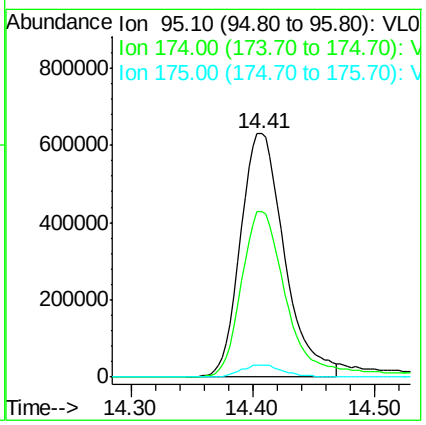


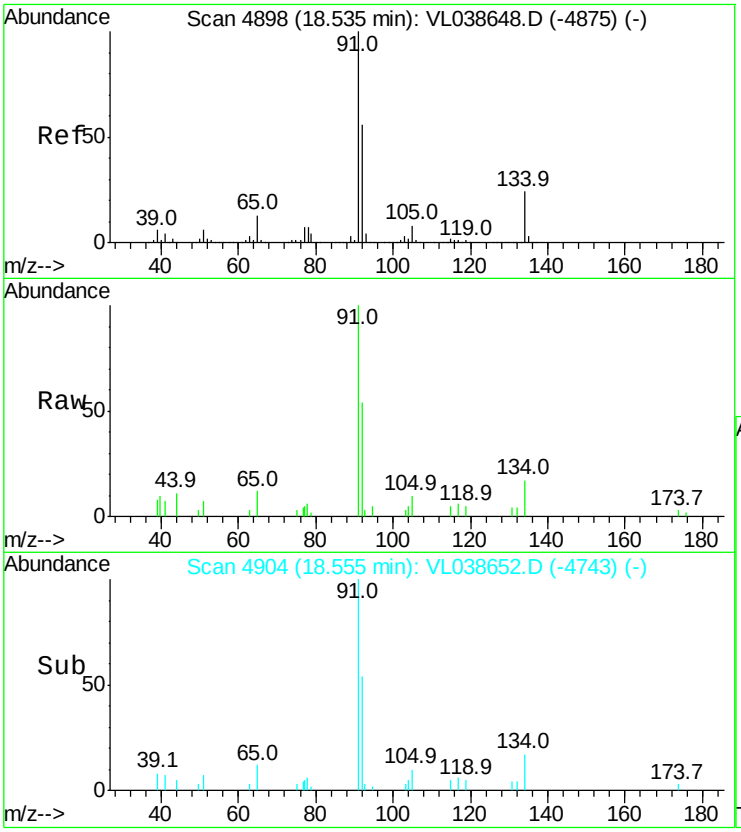


#68
1-Bromo-4-Fluorobenzene
Concen: 9.82 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. 0.00 min
Lab File: VL038652.D
Acq: 21 Mar 2022 15:08

Tgt Ion: 95 Resp: 1571568

Ion	Ratio	Lower	Upper
95	100		
174	72.9	56.1	84.1
175	5.3	4.2	6.2



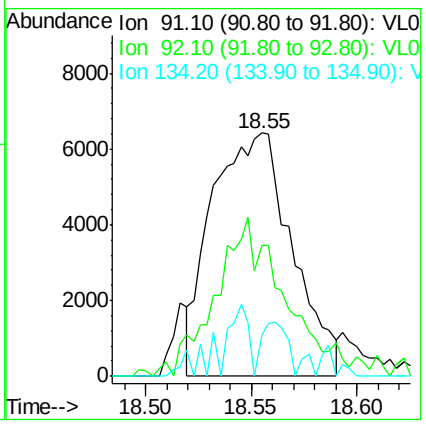


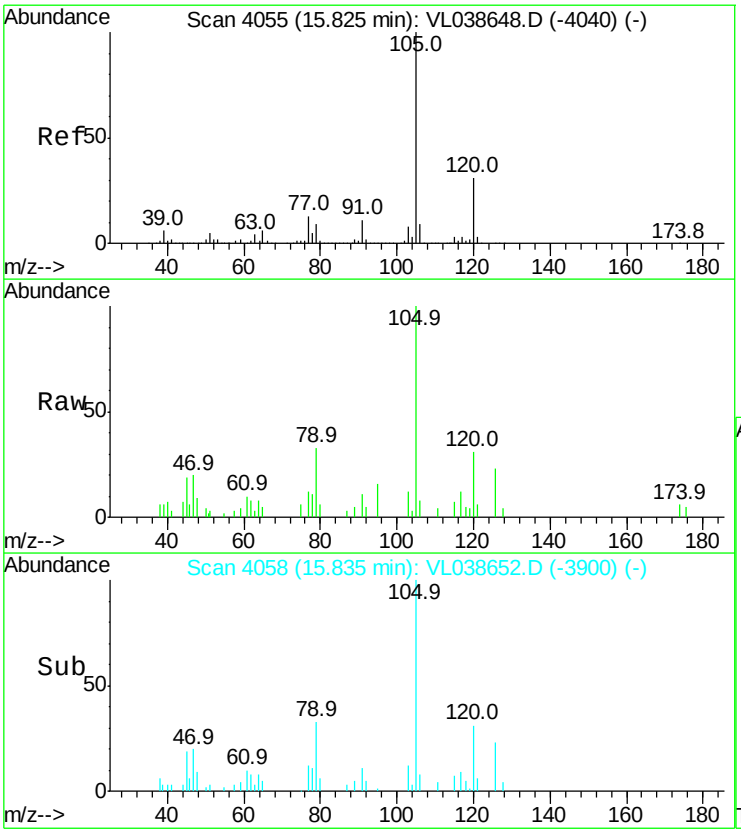
#70
n-Butylbenzene
Concen: 0.05 ppbv
RT: 18.55
Delta R.T
Lab File:
Acq: 21 Mar 2022 15:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 91 Resp: 16982

Ion	Ratio	Lower	Upper
91	100		
92	59.5	43.9	65.9
134	18.5	18.7	28.1#

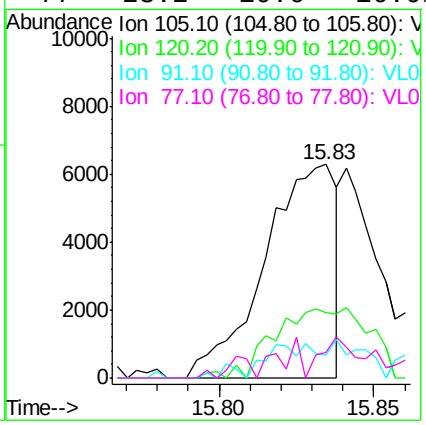


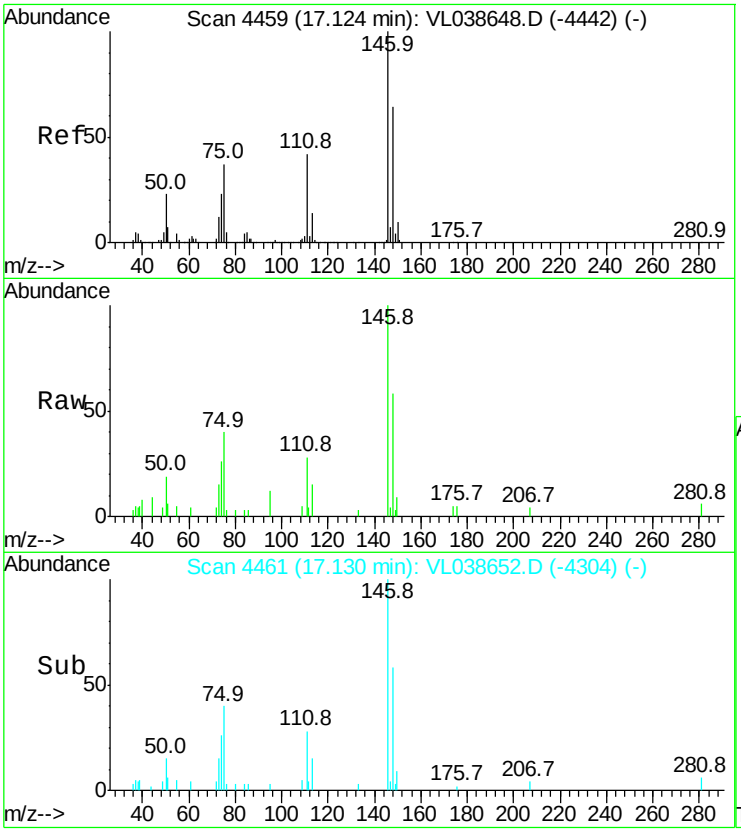


#72
4-Ethyltoluene
Concen: 0.04 ppbv
RT: 15.83 min Scan# 4058
Delta R.T. 0.01 min
Lab File: VL038652.D
Acq: 21 Mar 2022 15:08

Tgt Ion:105 Resp: 10089

Ion	Ratio	Lower	Upper
105	100		
120	0.0	24.9	37.3#
91	0.0	9.8	14.6#
77	23.2	10.6	16.0#



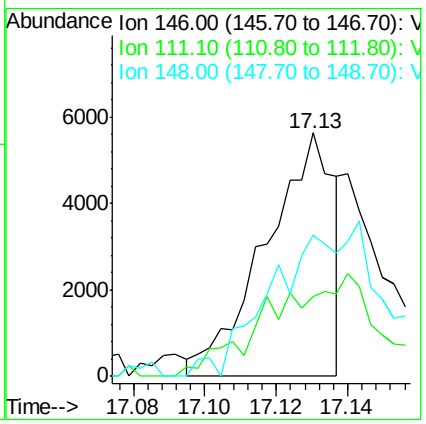


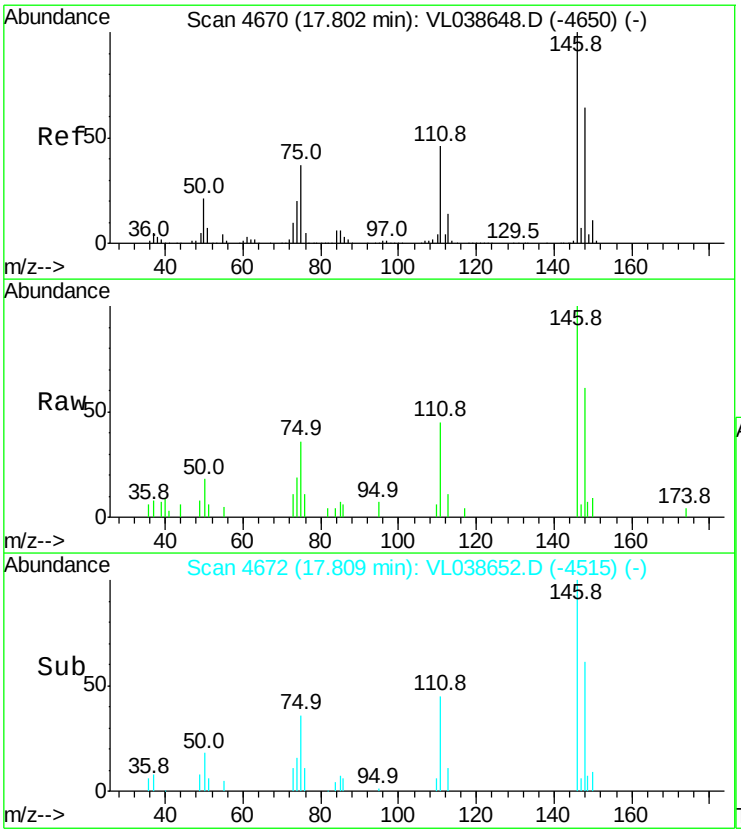
#76
1,4-Dichlorobenzene
Concen: 0.05 ppbv
RT: 17.13
Delta R.T
Lab File:
Acq: 21 Mar 2022 15:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:146 Resp: 7464

Ion	Ratio	Lower	Upper
146	100		
111	0.0	21.4	64.2#
148	0.0	32.1	96.3#

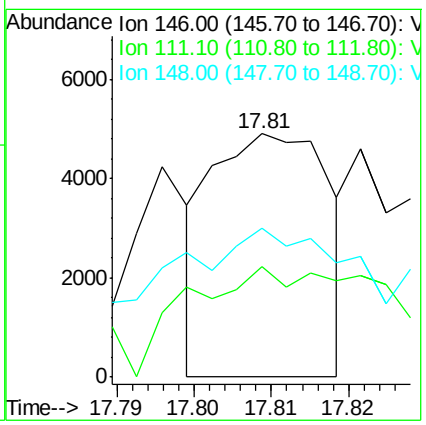


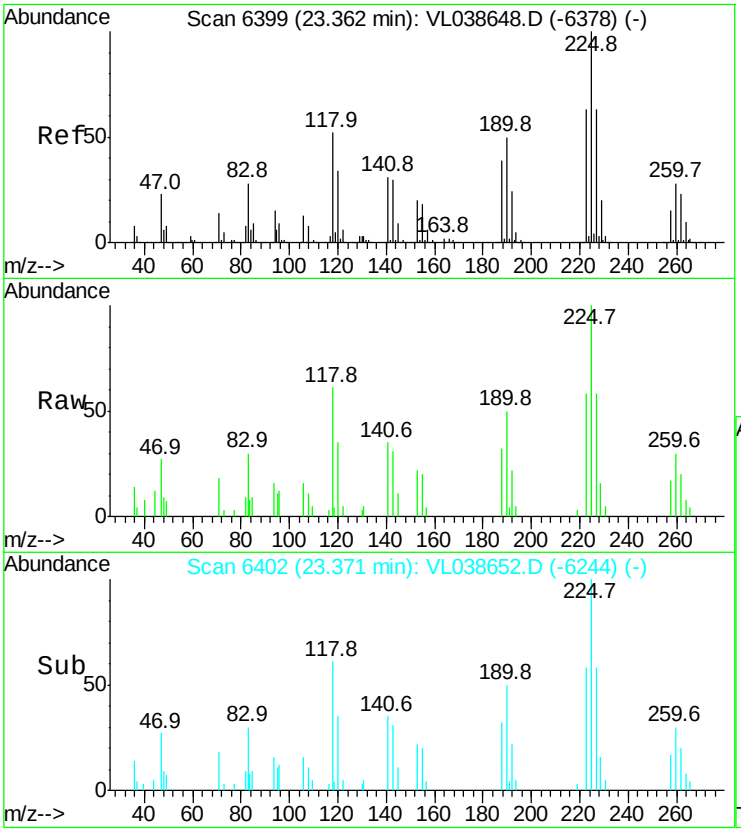


#77
1,2-Dichlorobenzene
Concen: 0.03 ppbv
RT: 17.81 min Scan# 4672
Delta R.T. 0.01 min
Lab File: VL038652.D
Acq: 21 Mar 2022 15:08

Tgt Ion:146 Resp: 5148

Ion	Ratio	Lower	Upper
146	100		
111	103.7	22.8	68.4#
148	164.2	32.5	97.4#





#78
Hexachloro-1,3-Butadiene
Concen: 0.04 ppbv
RT: 23.37
Delta R.T
Lab File:
Acq: 21 Mar 2022 15:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:225 Resp: 6264

Ion	Ratio	Lower	Upper
225	100		
223	138.1	51.0	76.6#
227	170.7	51.5	77.3#