Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030822\
Data File : VL038557.D
Acq On : 8 Mar 2022 13:40
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 08 14:08:57 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 08 13:53:01 2022
QLast Update : Tue Mar 08 13:53:01 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	975789	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.16	114	2399033	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.07	117	2099991	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.40	95	1624097	9.35	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 93.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	23922	0.15	ppbv		90
3) Chlorodifluoromethane	2.99	51	22194	0.13	ppbv		97
4) Chloromethane	3.14	50	5358	0.09	ppbv	#	81
5) Vinyl Chloride	3.25	62	3097	0.05	ppbv	#	83
6) Bromomethane	3.47	94	3552	0.11	ppbv		98
7) Chloroethane	3.55	64	2008	0.10	ppbv	#	83
8) Dichlorotetrafluoroethane	3.18	85	18974	0.13	ppbv		99
9) Propene	3.01	41	6493	0.11	ppbv	#	51
10) Heptane	8.11	43	13240	0.10	ppbv	#	80
11) Trichlorofluoromethane	3.94	101	15266	0.10	ppbv		87
12) 1,1,2-Trichlorotrifluoroet	4.48	101	11526	0.11	ppbv		91
13) Ethanol	3.61	45	189	0.03	ppbv	#	34
14) Bromoethene	3.74	108	1368	0.03	ppbv	#	1
15) Acetone	3.88	43	9641	0.12	ppbv		94
16) 1,3-Butadiene	3.32	39	5272	0.10	ppbv	#	64
18) 1,1-Dichloroethene	4.28	96	4977	0.10	ppbv	#	80
19) Isopropyl Alcohol	3.99	45	3772	0.08	ppbv	#	95
20) Methylene Chloride	4.34	84	5518	0.13	ppbv	#	75
21) Allyl Chloride	4.40	41	7601	0.11	ppbv	#	78
22) trans-1,2-Dichloroethene	4.88	96	5090	0.11	ppbv	#	71
25) Ethyl Acetate	5.68	43	12670	0.06	ppbv	#	66
26) Hexane	5.68	57	12456	0.12	ppbv		89
27) Carbon Disulfide	4.55	76	10969	0.10	ppbv	#	80
29) Chloroform	5.74	83	20198	0.12	ppbv		89
30) Cyclohexane	7.12	84	6130	0.07	ppbv	#	1
31) cis-1,2-Dichloroethene	5.54	61	11045	0.11	ppbv	#	94
32) 1,1,1-Trichloroethane	6.49	97	16747	0.10	ppbv	#	88
35) Carbon Tetrachloride	7.01	117	18301	0.11	ppbv	#	90
36) Benzene	6.88	78	15730	0.07	ppbv	#	92
37) 1,2-Dichloroethane	6.30	62	9019	0.07	ppbv		96
38) Trichloroethene	7.82	130	6311	0.08	ppbv	#	92
39) 1,2-Dichloropropane	7.16	63	567242	6.74	ppbv	#	27
41) Tetrahydrofuran	6.07	42	1675	0.03	ppbv	#	37
42) Bromodichloromethane	7.78	83	19750	0.11	ppbv		96
43) Methyl Methacrylate	8.01	69	2879	0.04	ppbv	#	1
44) 2,2,4-Trimethylpentane	7.85	57	23956	0.07	ppbv	#	50
46) cis-1,3-Dichloropropene	8.68	75	2910	0.04	ppbv		98
47) 1,1,2-Trichloroethane	9.47	97	4719	0.06	ppbv		91
48) Dibromochloromethane	10.29	129	7708	0.06	ppbv	#	25
49) Bromoform	13.02	173	9310	0.09	ppbv		95
52) Tetrachloroethene	11.21	164	9122	0.13	ppbv	#	67

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030822\
Data File : VL038557.D
Acq On : 8 Mar 2022 13:40
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 08 14:08:57 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 08 13:53:01 2022
QLast Update : Tue Mar 08 13:53:01 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) Toluene	9.79	91	12656	0.06	ppbv	#	32
54) 1,2-Dibromoethane	10.59	107	7087	0.06	ppbv		94
56) 1,1,1,2-Tetrachloroethane	12.11	131	3737	0.04	ppbv	#	1
57) Chlorobenzene	12.13	112	21546	0.13	ppbv	#	79
58) Ethyl Benzene	12.70	91	27784	0.10	ppbv		90
59) m/p-Xylene	12.98	91	15972	0.06	ppbv	#	30
60) o-Xylene	13.68	91	14436	0.06	ppbv		69
61) Styrene	13.51	104	4190	0.04	ppbv	#	14
62) Isopropylbenzene	14.65	105	34882	0.11	ppbv		98
63) 1,1,2,2-Tetrachloroethane	13.66	83	8897	0.05	ppbv	#	1
64) n-propylbenzene	15.55	120	5367	0.07	ppbv	#	3
65) tert-Butylbenzene	16.73	119	15995	0.06	ppbv	#	37
67) sec-Butylbenzene	17.28	105	18254	0.05	ppbv	#	58
69) p-Isopropyltoluene	17.64	119	21586	0.07	ppbv	#	84
71) 2-Chlorotoluene	15.44	91	24649	0.10	ppbv		96
72) 4-Ethyltoluene	15.83	105	22972	0.09	ppbv	#	92
73) 1,3,5-Trimethylbenzene	15.98	105	10491	0.04	ppbv		93
74) 1,2,4-Trimethylbenzene	16.74	105	18152	0.07	ppbv	#	82
75) 1,3-Dichlorobenzene	16.98	146	7177	0.05	ppbv	#	1
76) 1,4-Dichlorobenzene	17.12	146	8884	0.07	ppbv	#	23
77) 1,2-Dichlorobenzene	17.80	146	14166	0.11	ppbv		79
78) Hexachloro-1,3-Butadiene	23.36	225	6005	0.06	ppbv	#	18

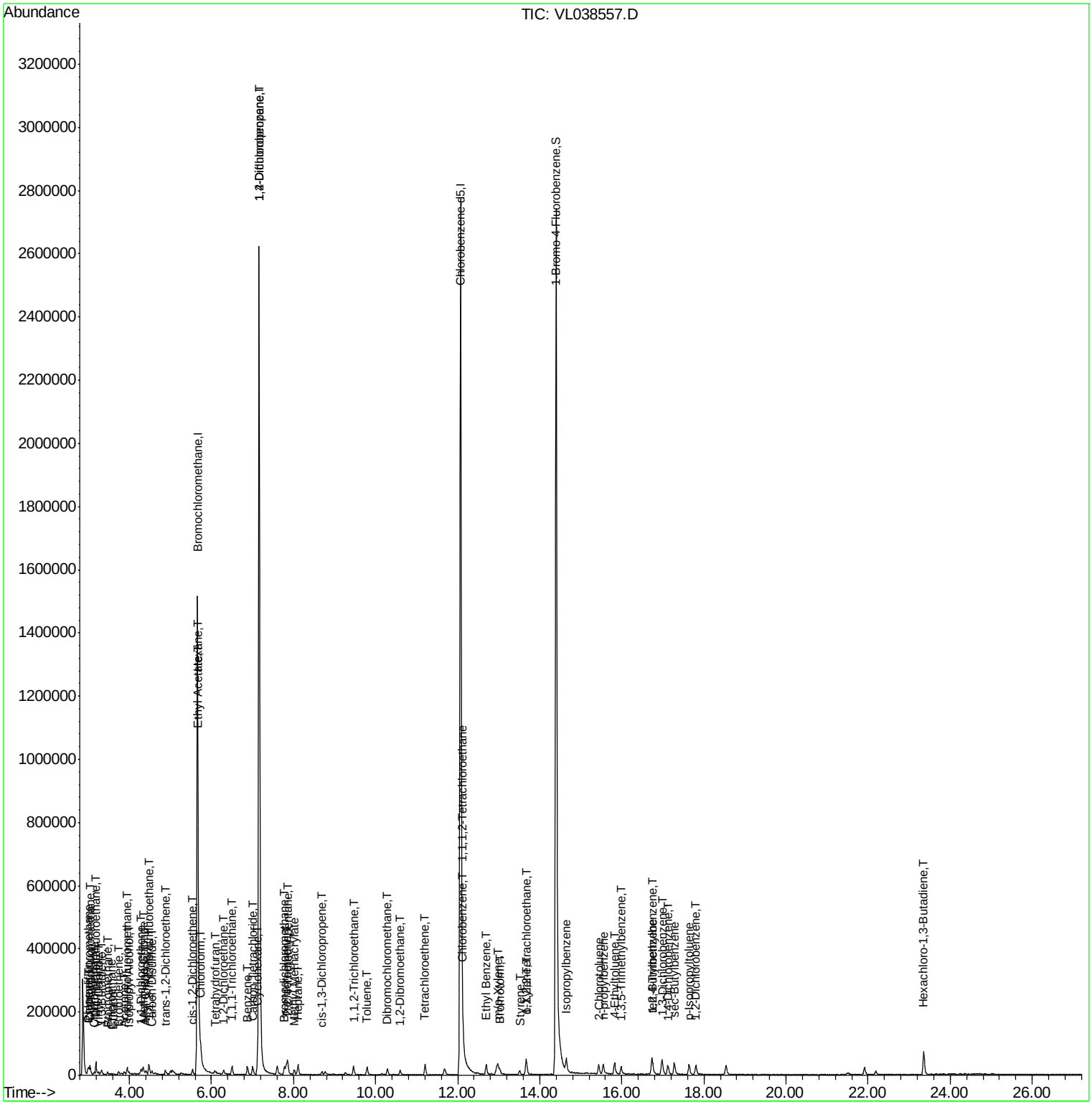
(#) = qualifier out of range (m) = manual integration (+) = signals summed

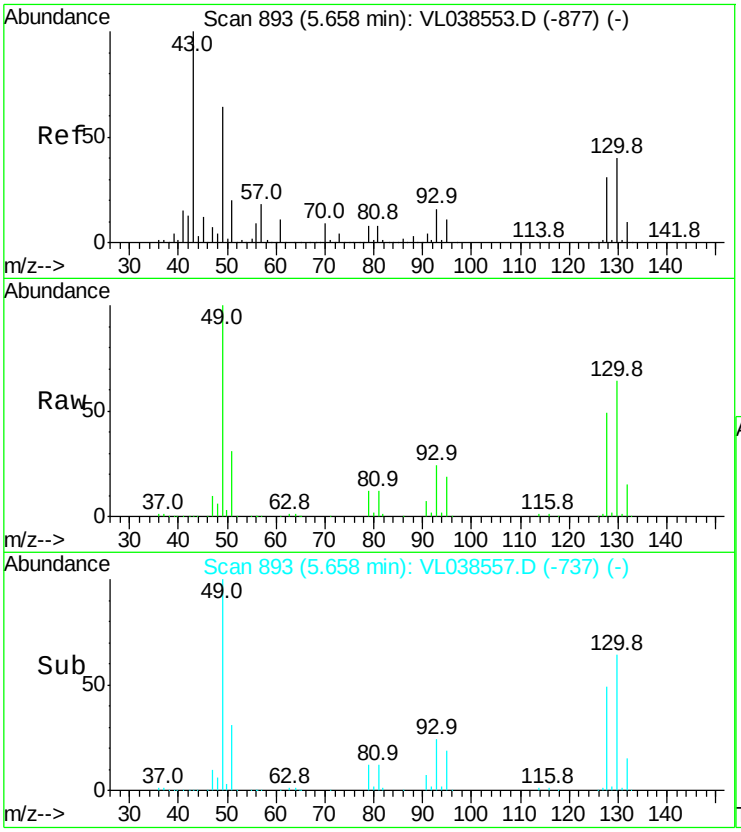
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030822\
Data File : VL038557.D
Acq On : 8 Mar 2022 13:40
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 08 14:08:57 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 08 13:53:01 2022
QLast Update : Tue Mar 08 13:53:01 2022
Response via : Initial Calibration



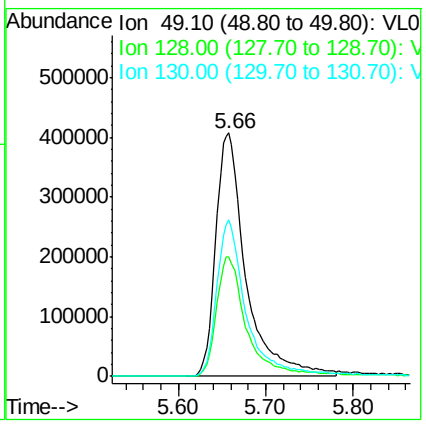


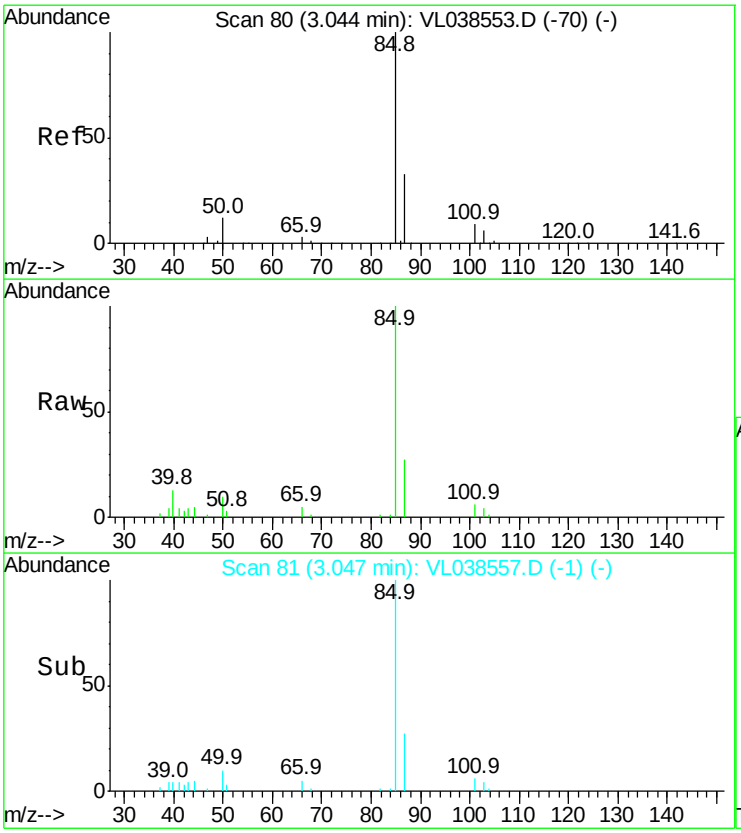
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 8 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 49 Resp: 975789

Ion	Ratio	Lower	Upper
49	100		
128	50.5	26.4	79.2
130	64.1	33.0	98.9

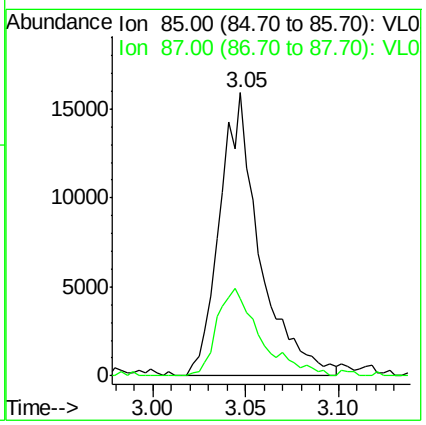


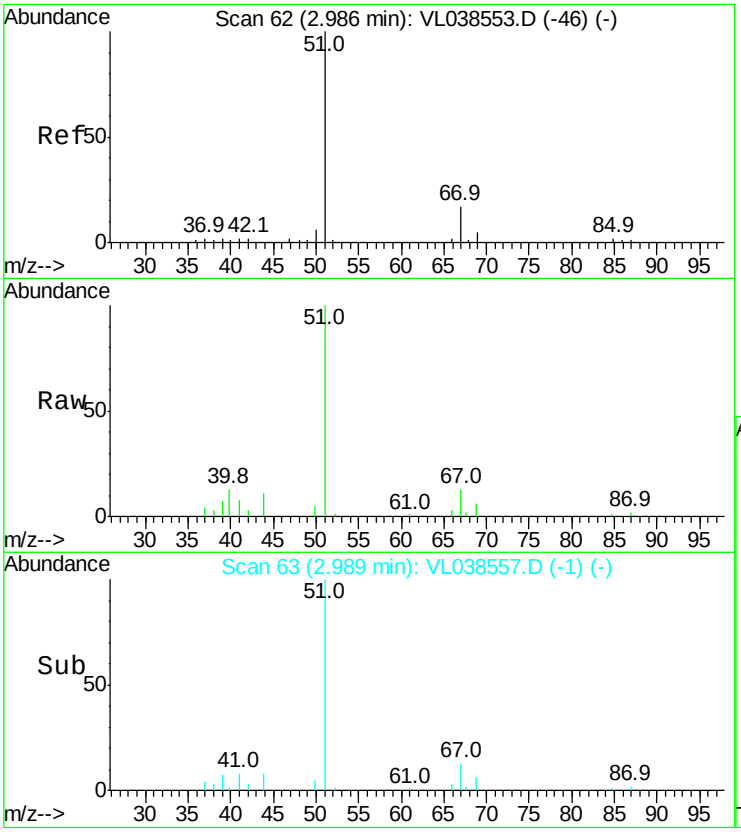


#2
Dichlorodifluoromethane
Concen: 0.15 ppbv
RT: 3.05 min Scan# 81
Delta R.T. 0.00 min
Lab File: VL038557.D
Acq: 8 Mar 2022 13:40

Tgt Ion: 85 Resp: 23922

Ion	Ratio	Lower	Upper
85	100		
87	27.2	26.2	39.2



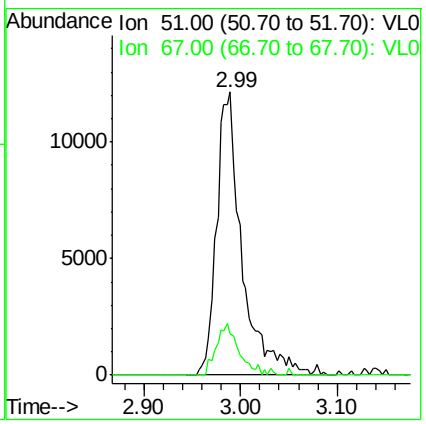


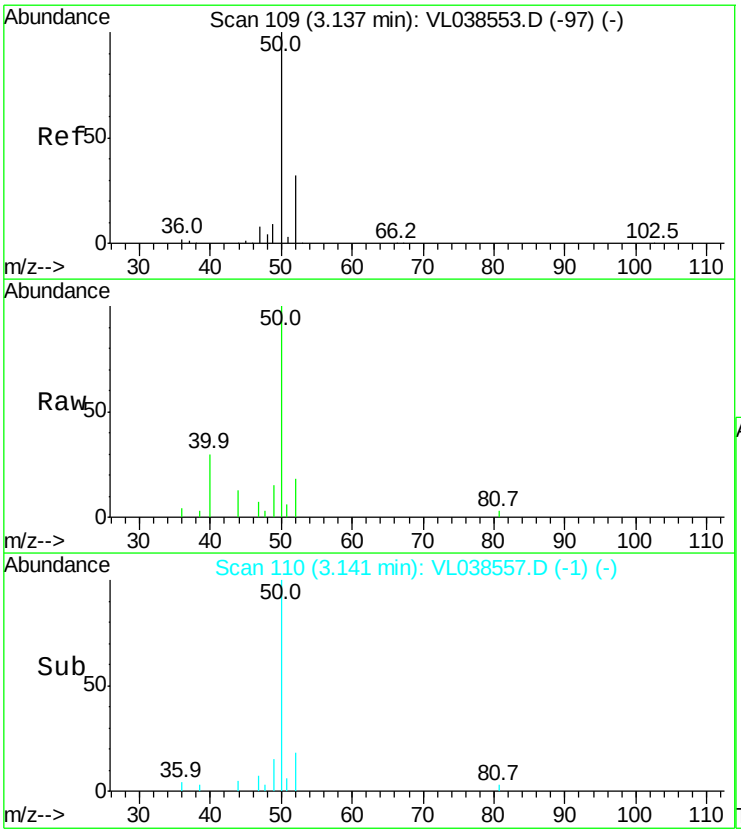
#3
Chlorodifluoromethane
Concen: 0.13 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 8 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 51 Resp: 22194

Ion	Ratio	Lower	Upper
51	100		
67	15.8	13.6	20.4

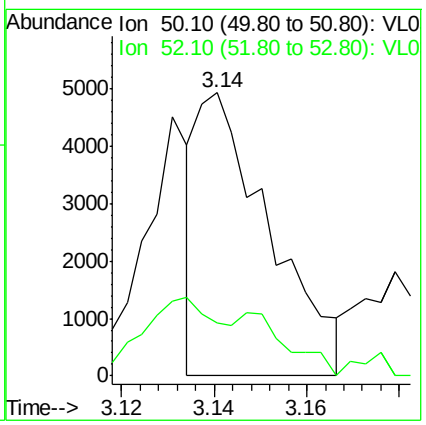


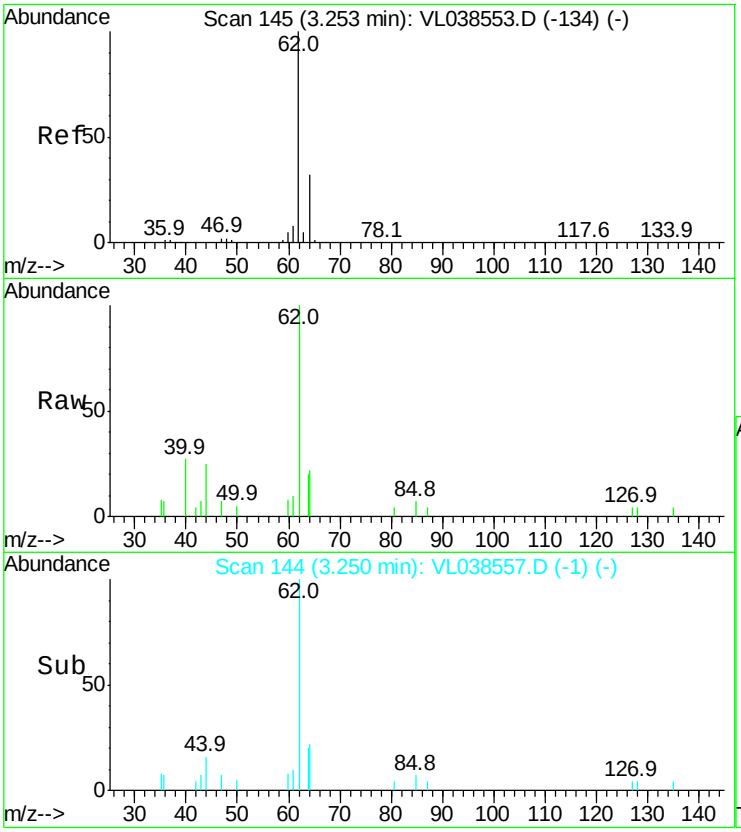


#4
Chloromethane
Concen: 0.09 ppbv
RT: 3.14 min Scan# 110
Delta R.T. 0.00 min
Lab File: VL038557.D
Acq: 8 Mar 2022 13:40

Tgt Ion: 50 Resp: 5358

Ion	Ratio	Lower	Upper
50	100		
52	21.6	25.6	38.4#



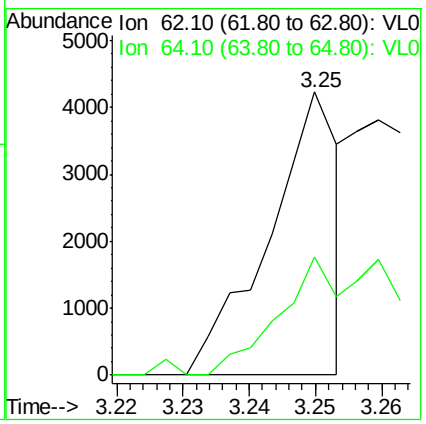


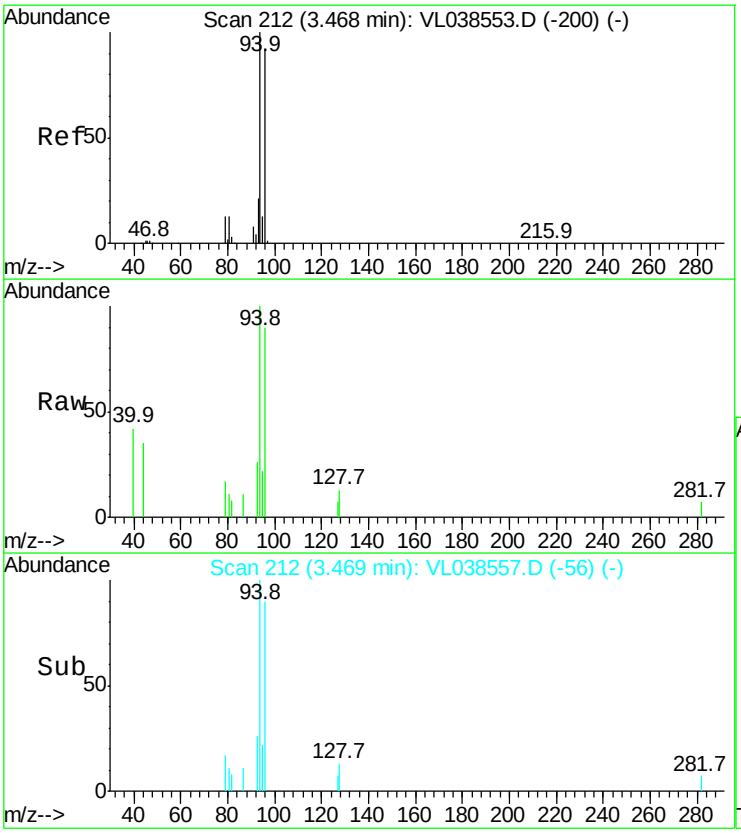
#5
Vinyl Chloride
Concen: 0.05 ppbv
RT: 3.25
Delta R.T
Lab File:
Acq: 8 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 62 Resp: 3097

Ion	Ratio	Lower	Upper
62	100		
64	41.6	25.8	38.6#

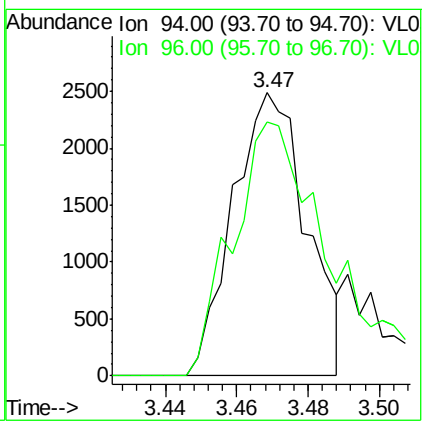


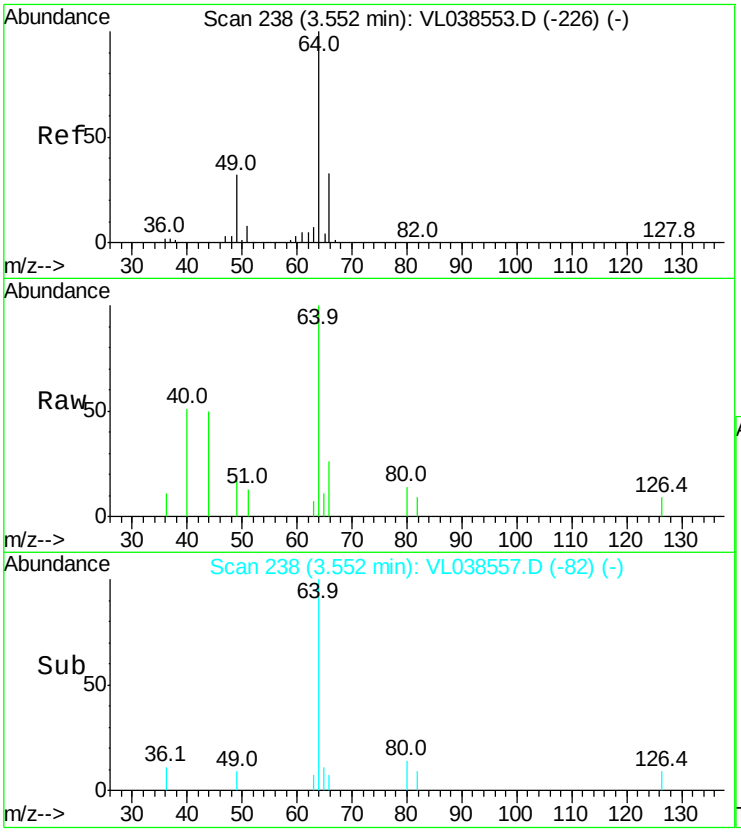


#6
Bromomethane
Concen: 0.11 ppbv
RT: 3.47 min Scan# 212
Delta R.T. 0.00 min
Lab File: VL038557.D
Acq: 8 Mar 2022 13:40

Tgt Ion: 94 Resp: 3552

Ion	Ratio	Lower	Upper
94	100		
96	89.9	73.7	110.5



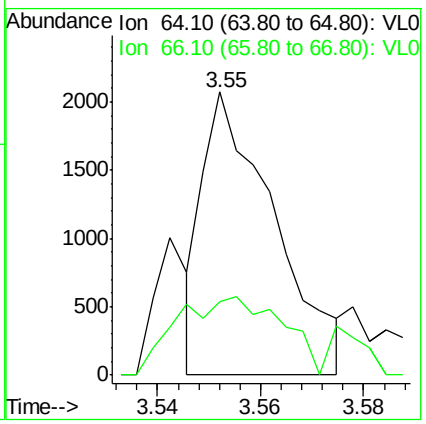


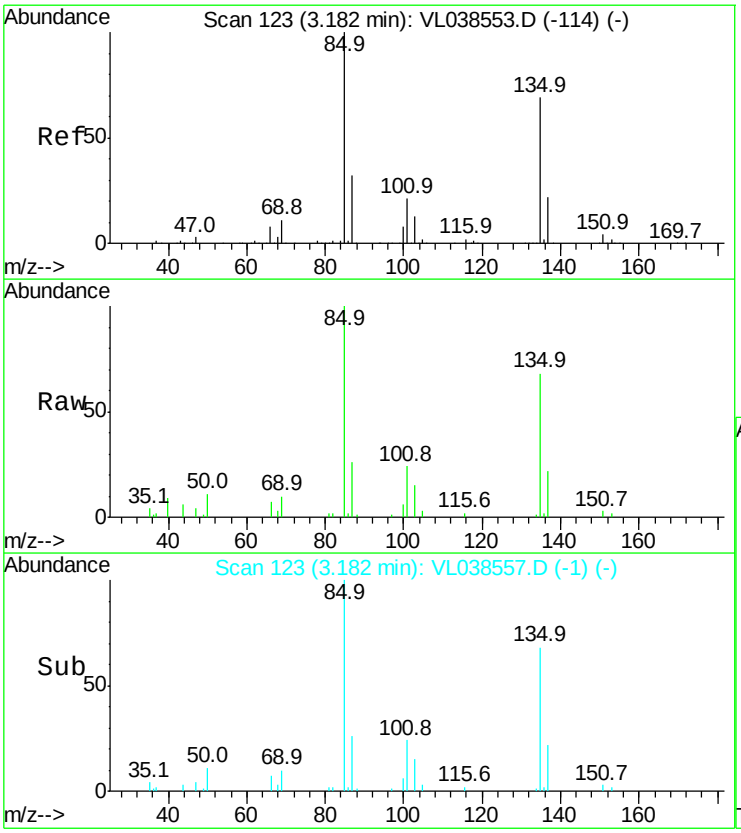
#7
Chloroethane
Concen: 0.10 ppbv
RT: 3.55
Delta R.T
Lab File:
Acq: 8 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 64 Resp: 2008

Ion	Ratio	Lower	Upper
64	100		
66	23.4	26.6	39.8#

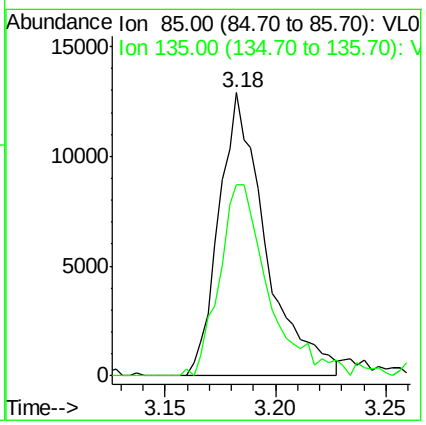


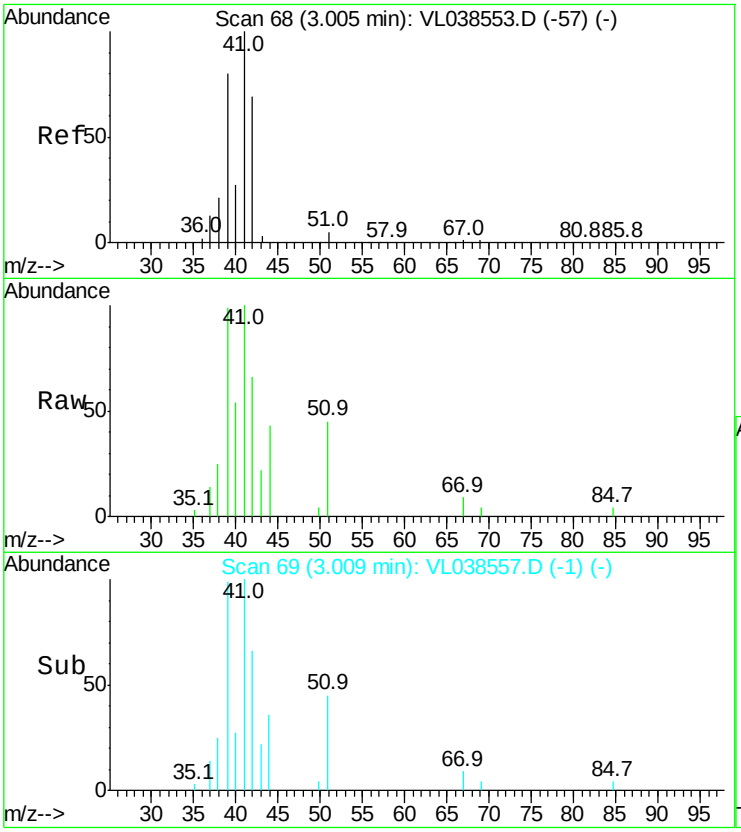


#8
Dichlorotetrafluoroethane
Concen: 0.13 ppbv
RT: 3.18 min Scan# 123
Delta R.T. 0.00 min
Lab File: VL038557.D
Acq: 8 Mar 2022 13:40

Tgt Ion: 85 Resp: 18974

Ion	Ratio	Lower	Upper
85	100		
135	72.5	59.0	88.4



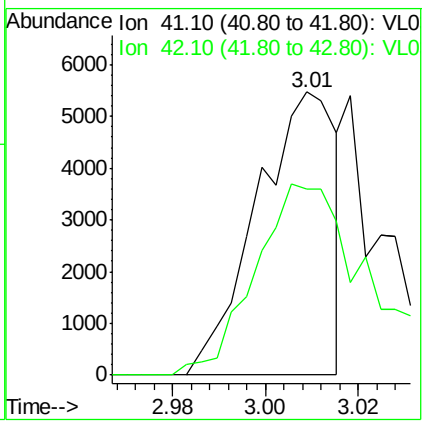


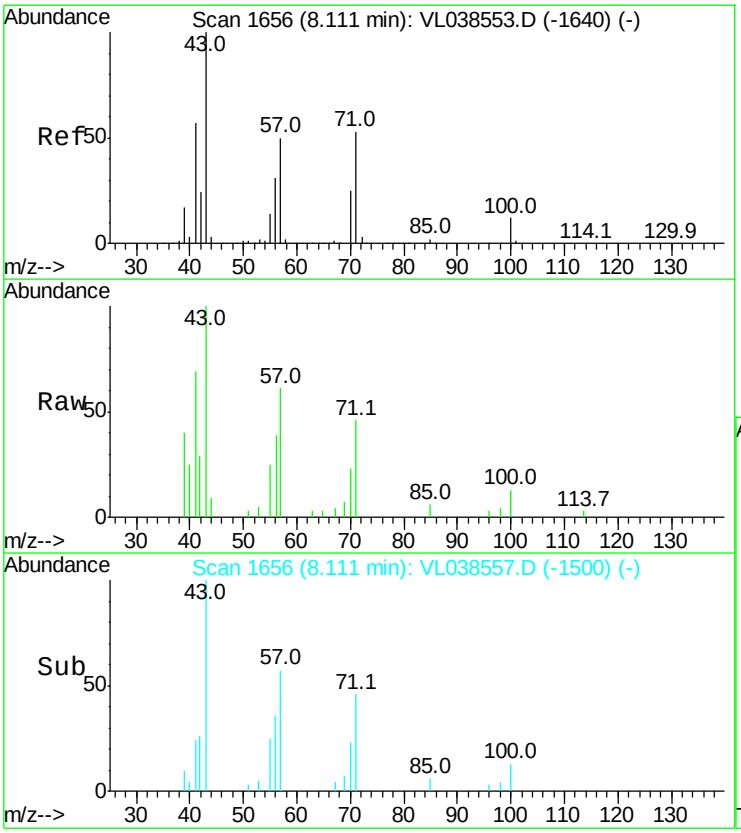
#9
Propene
Concen: 0.11 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 8 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 41 Resp: 6493

Ion	Ratio	Lower	Upper
41	100		
42	109.7	55.7	83.5#

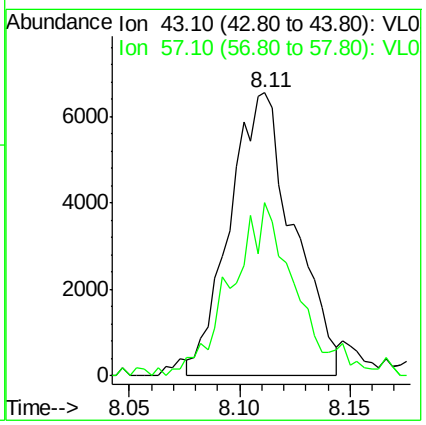


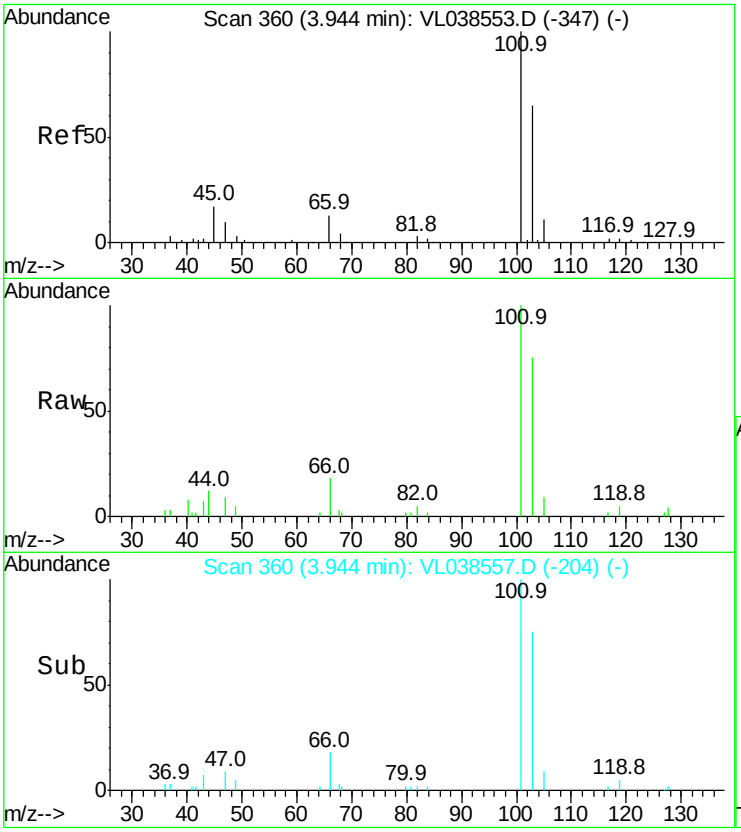


#10
Heptane
Concen: 0.10 ppbv
RT: 8.11 min Scan# 1656
Delta R.T. 0.00 min
Lab File: VL038557.D
Acq: 8 Mar 2022 13:40

Tgt Ion: 43 Resp: 13240

Ion	Ratio	Lower	Upper
43	100		
57	63.2	39.6	59.4#



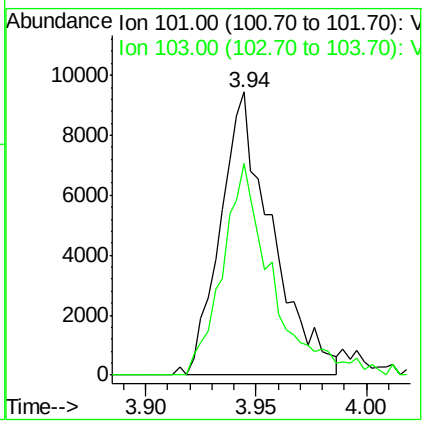


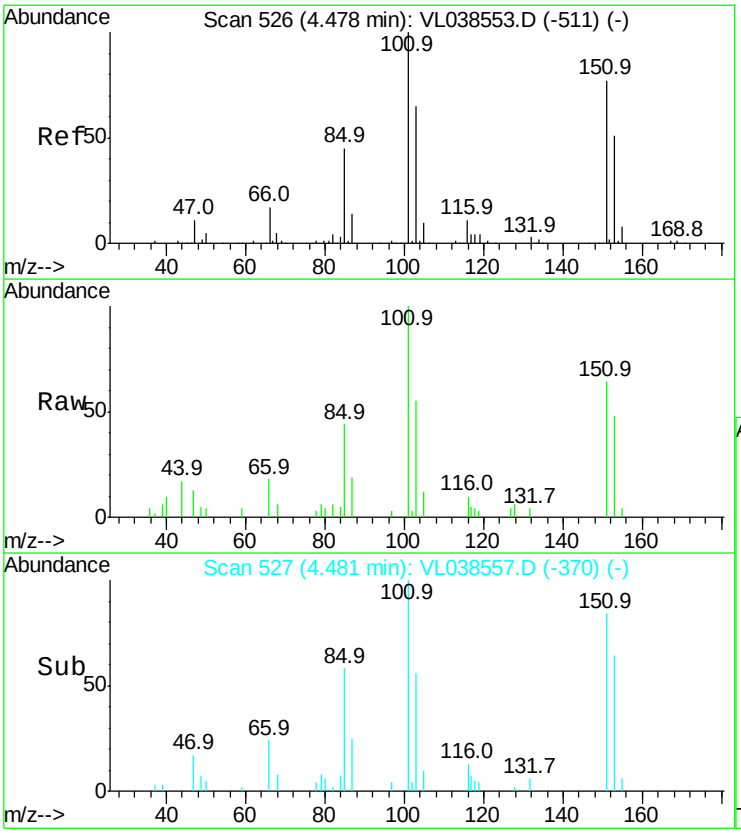
#11
Trichlorofluoromethane
Concen: 0.10 ppbv
RT: 3.94
Delta R.T
Lab File:
Acq: 8 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:101 Resp: 15266

Ion	Ratio	Lower	Upper
101	100		
103	75.0	52.0	78.0

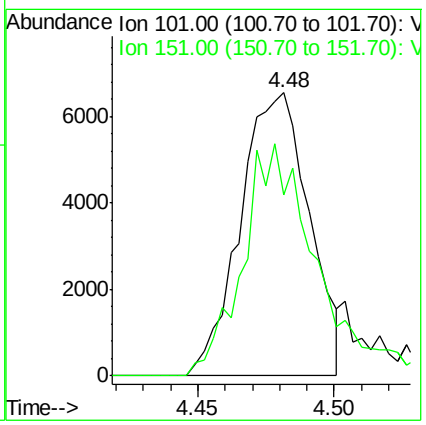


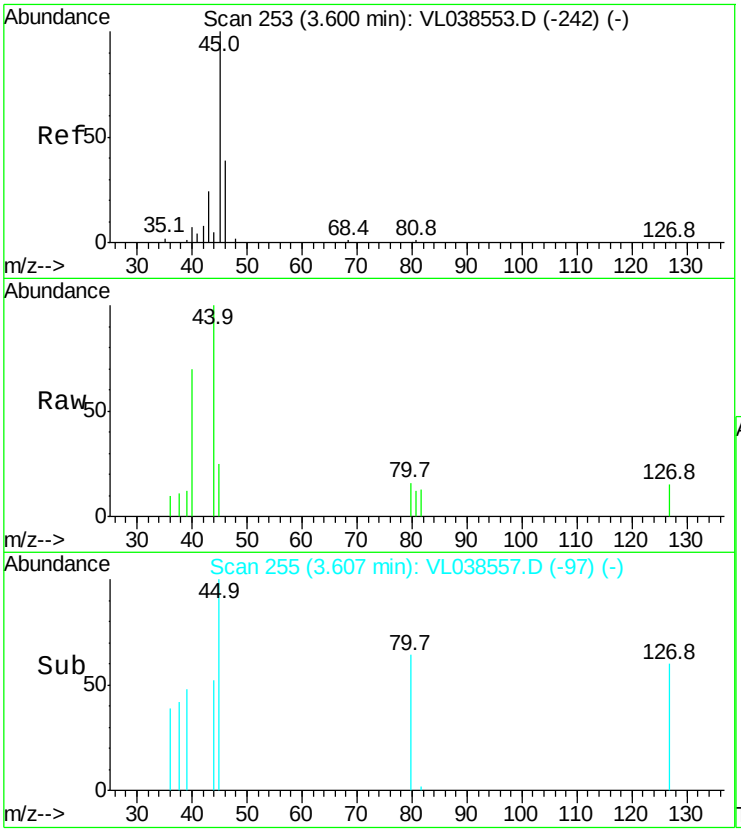


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.11 ppbv
RT: 4.48 min Scan# 527
Delta R.T. 0.00 min
Lab File: VL038557.D
Acq: 8 Mar 2022 13:40

Tgt Ion:101 Resp: 11526

Ion	Ratio	Lower	Upper
101	100		
151	87.3	63.4	95.0



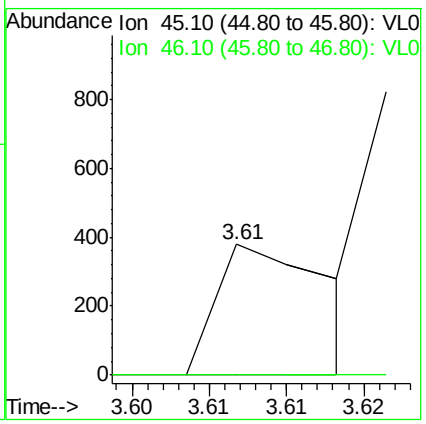


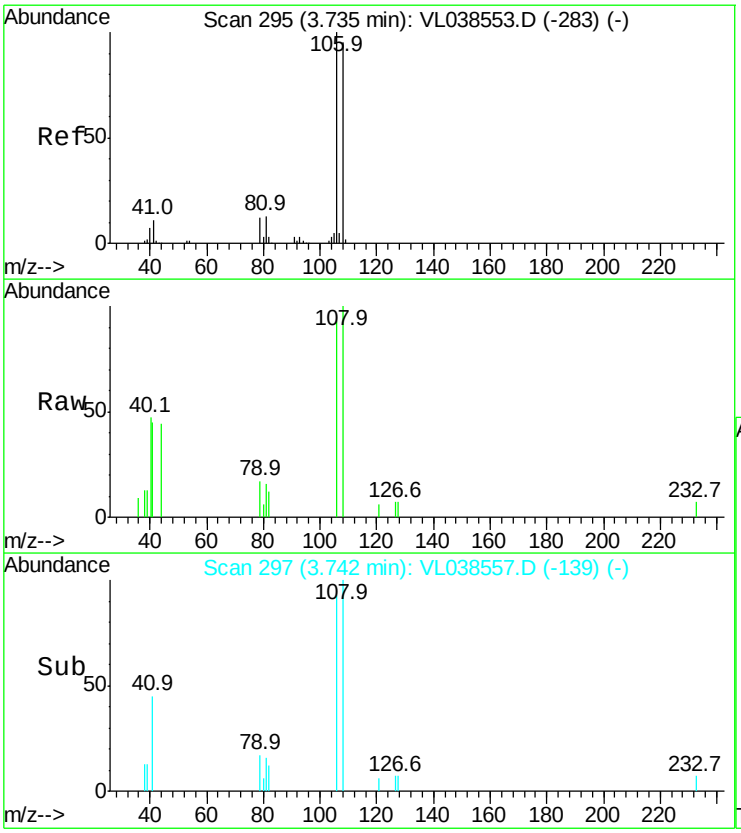
#13
Ethanol
Concen: 0.03 ppbv
RT: 3.61
Delta R.T
Lab File:
Acq: 8 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 45 Resp: 189

Ion	Ratio	Lower	Upper
45	100		
46	0.0	16.8	67.0#

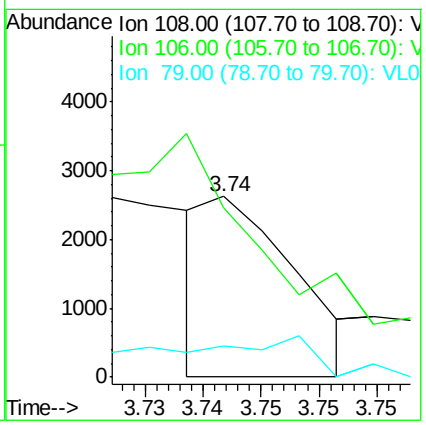


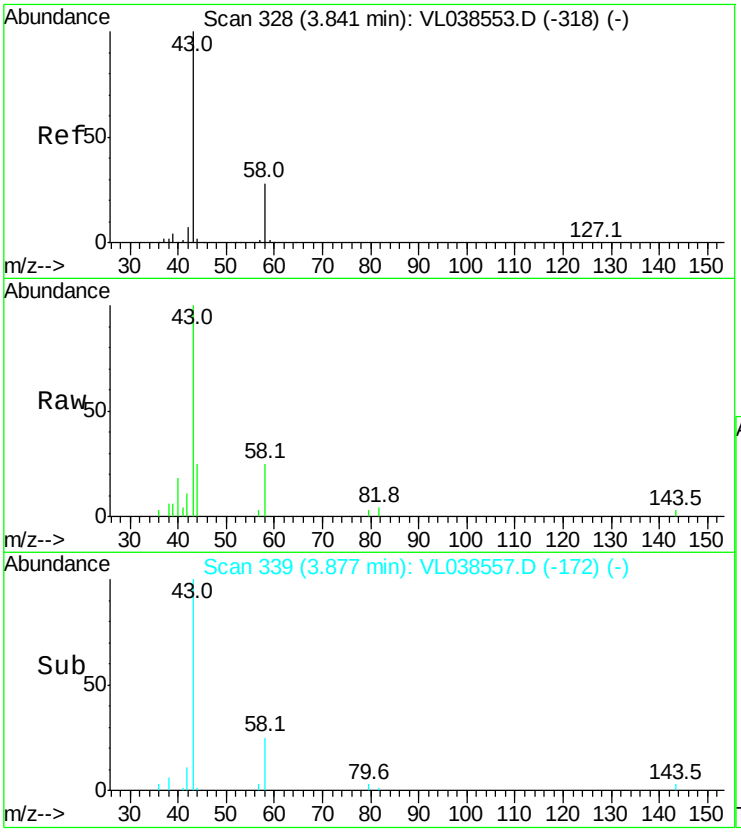


#14
Bromoethene
Concen: 0.03 ppbv
RT: 3.74 min Scan# 297
Delta R.T. 0.01 min
Lab File: VL038557.D
Acq: 8 Mar 2022 13:40

Tgt Ion:108 Resp: 1368

Ion	Ratio	Lower	Upper
108	100		
106	442.7	85.9	128.9#
79	0.0	11.0	16.6#



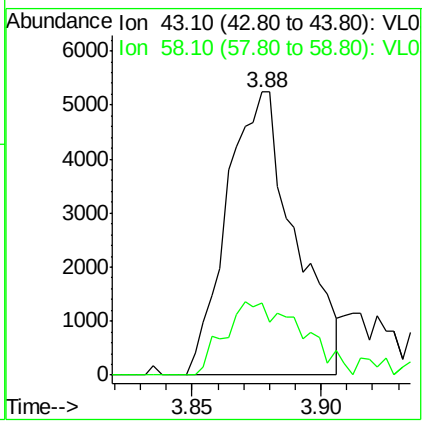


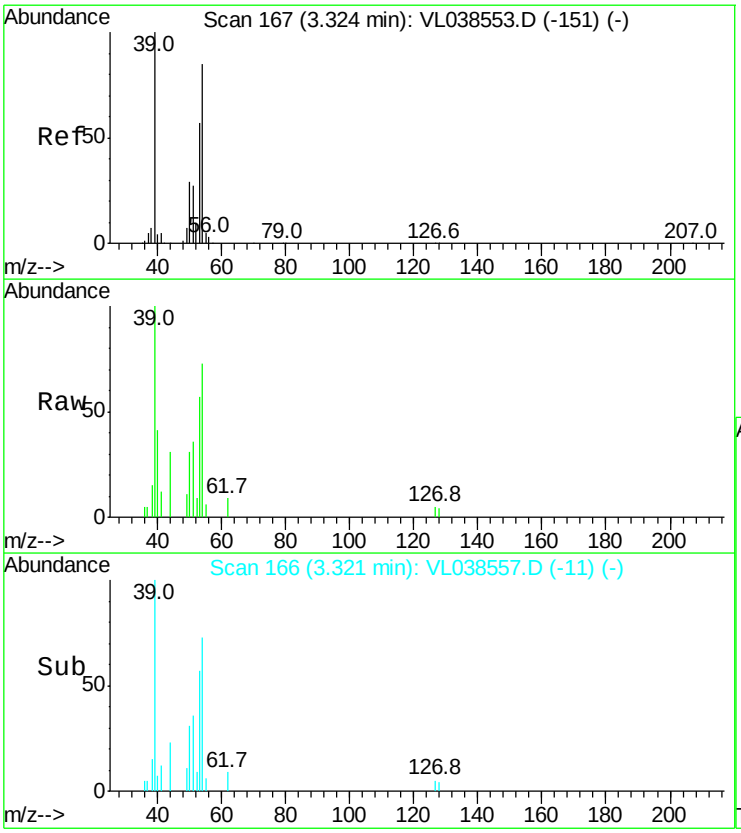
#15
Acetone
Concen: 0.12 ppbv
RT: 3.88
Delta R.T
Lab File:
Acq: 8 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 43 Resp: 9641

Ion	Ratio	Lower	Upper
43	100		
58	31.5	22.7	34.1

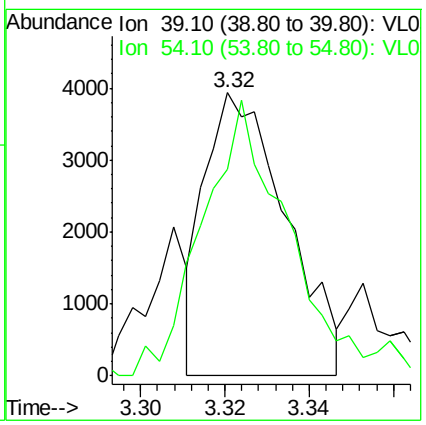


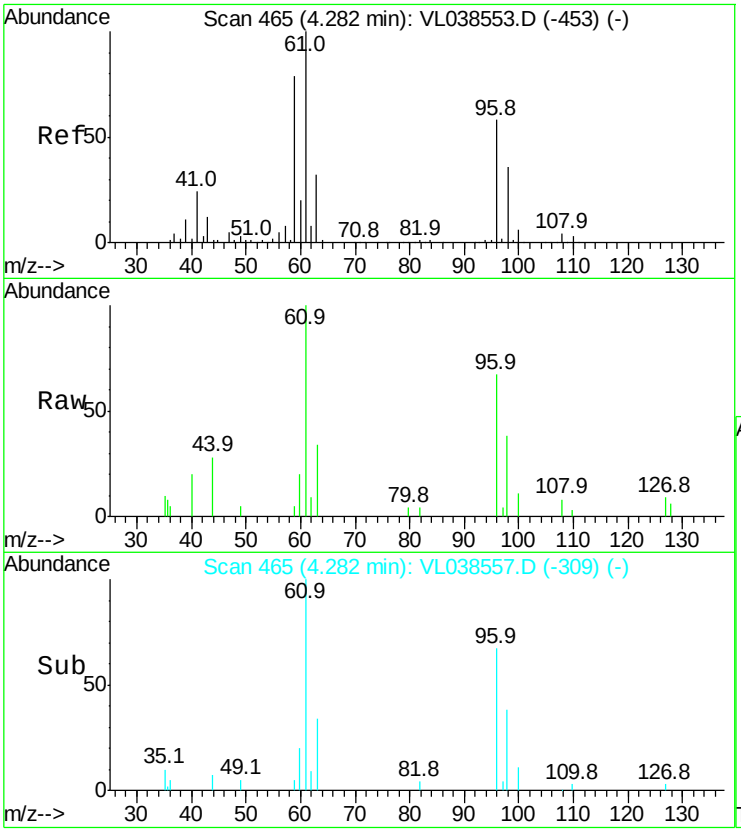


#16
1,3-Butadiene
Concen: 0.10 ppbv
RT: 3.32 min Scan# 166
Delta R.T. -0.00 min
Lab File: VL038557.D
Acq: 8 Mar 2022 13:40

Tgt Ion: 39 Resp: 5272

Ion	Ratio	Lower	Upper
39	100		
54	111.9	64.2	96.2#



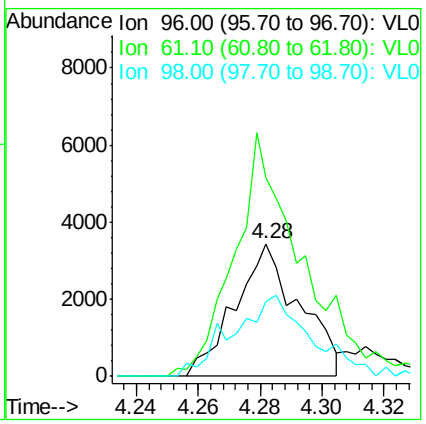


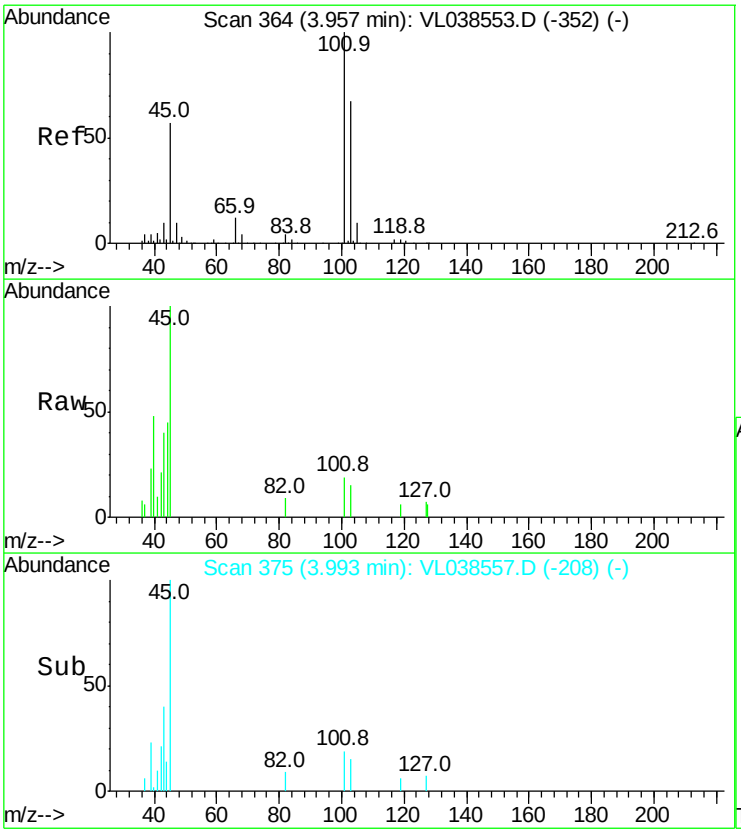
#18
1,1-Dichloroethene
Concen: 0.10 ppbv
RT: 4.28
Delta R.T
Lab File:
Acq: 8 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 96 Resp: 4977

Ion	Ratio	Lower	Upper
96	100		
61	144.2	137.4	206.0
98	46.5	49.3	73.9#

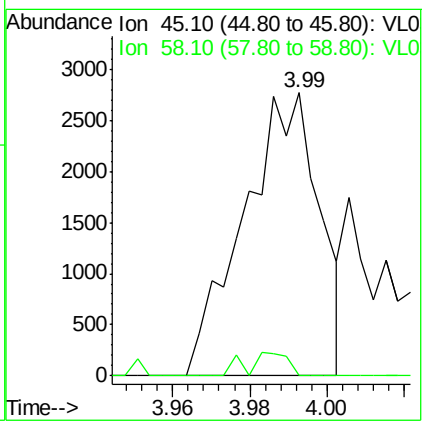


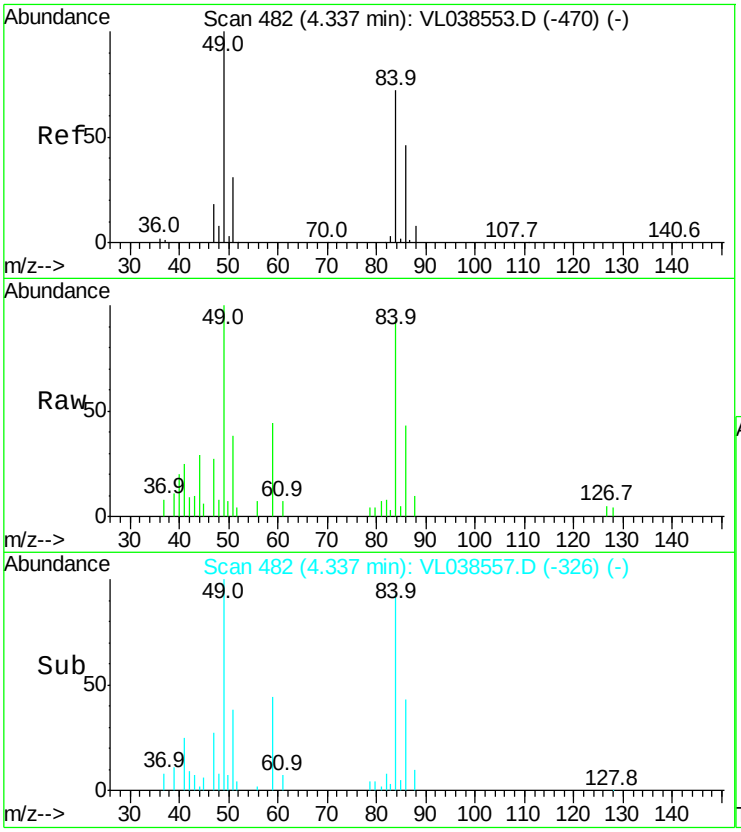


#19
Isopropyl Alcohol
Concen: 0.08 ppbv
RT: 3.99 min Scan# 375
Delta R.T. 0.04 min
Lab File: VL038557.D
Acq: 8 Mar 2022 13:40

Tgt Ion: 45 Resp: 3772

Ion	Ratio	Lower	Upper
45	100		
58	4.3	2.2	3.2#



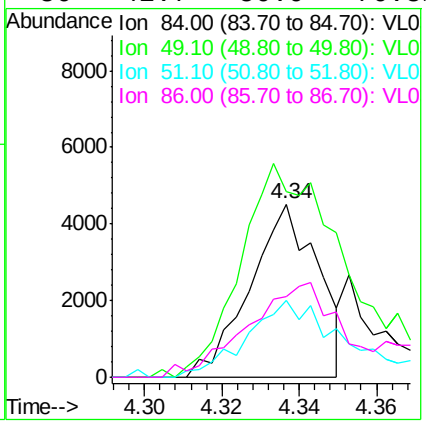


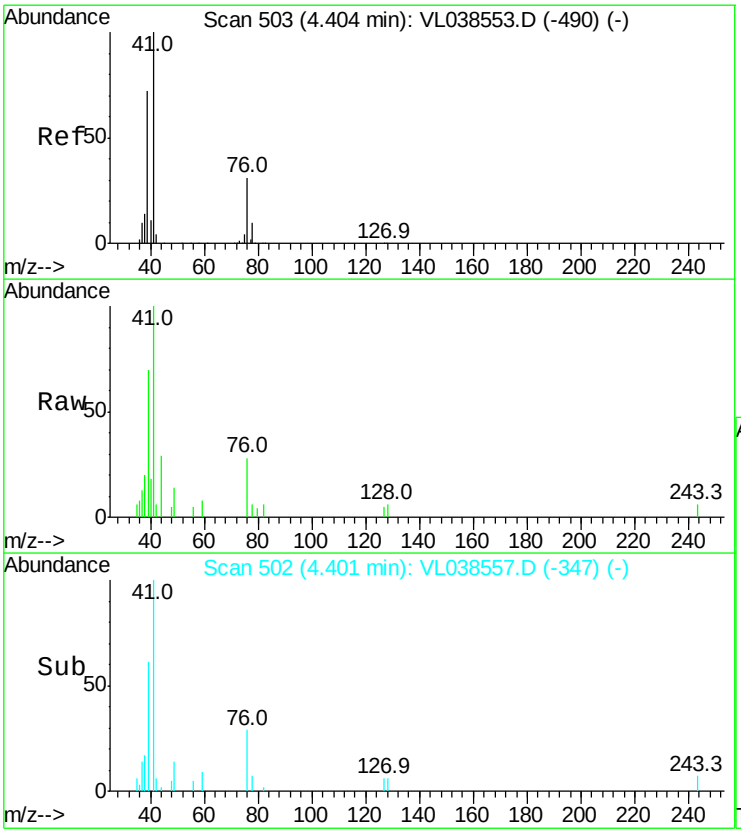
#20
Methylene Chloride
Concen: 0.13 ppbv
RT: 4.34
Delta R.T
Lab File:
Acq: 8 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 84 Resp: 5518

Ion	Ratio	Lower	Upper
84	100		
49	102.0	111.1	166.7#
51	41.1	34.0	51.0
86	42.7	50.9	76.3#

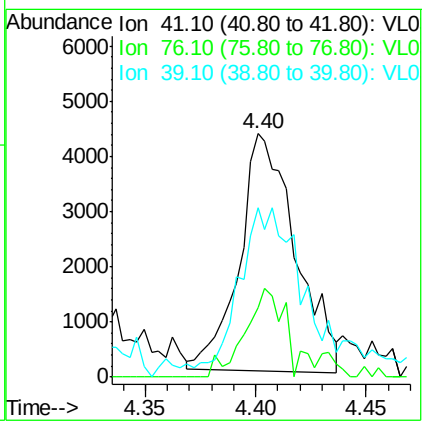


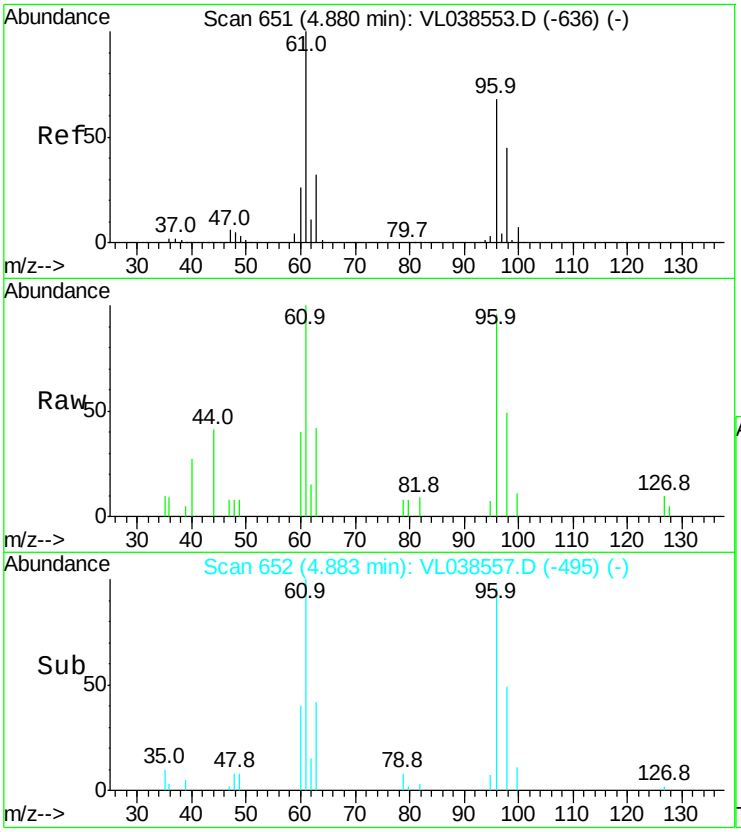


#21
Allyl Chloride
Concen: 0.11 ppbv
RT: 4.40 min Scan# 502
Delta R.T. -0.00 min
Lab File: VL038557.D
Acq: 8 Mar 2022 13:40

Tgt Ion: 41 Resp: 7601

Ion	Ratio	Lower	Upper
41	100		
76	31.4	24.3	36.5
39	97.1	57.1	85.7#



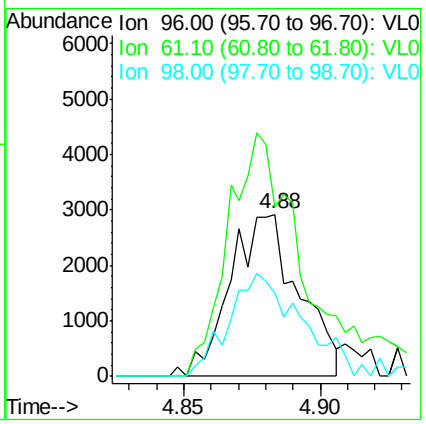


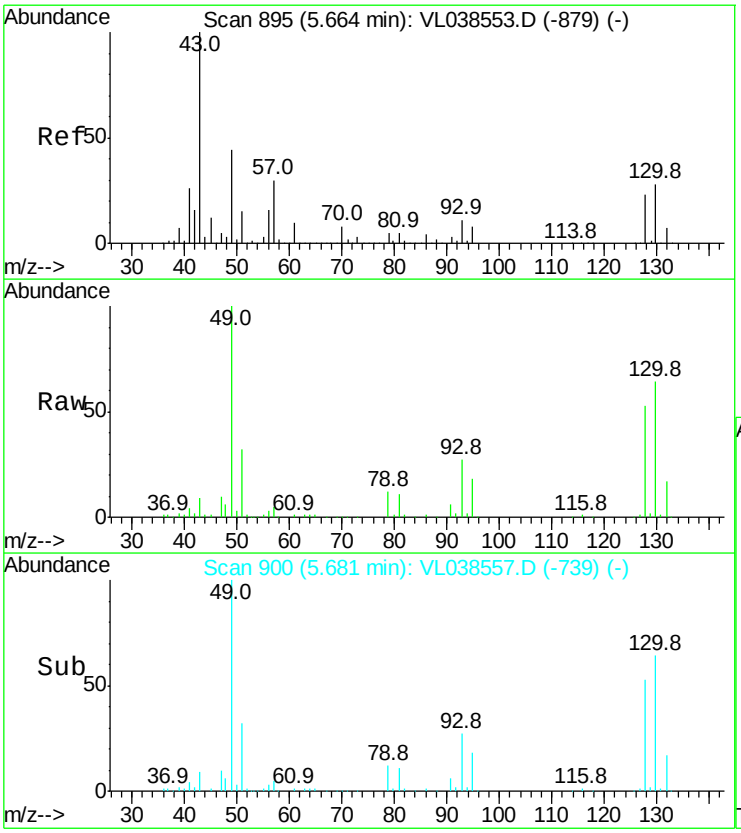
#22
trans-1,2-Dichloroethene
Concen: 0.11 ppbv
RT: 4.88
Delta R.T
Lab File:
Acq: 8 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 96 Resp: 5090

Ion	Ratio	Lower	Upper
96	100		
61	104.3	117.6	176.4#
98	51.5	52.6	78.8#

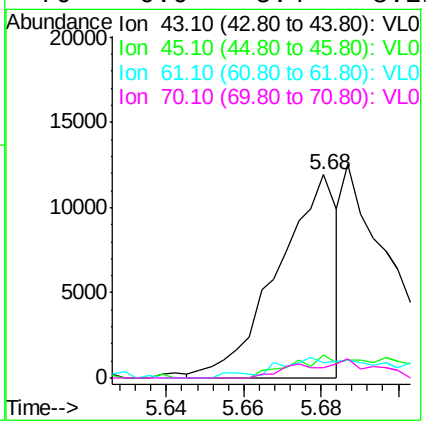


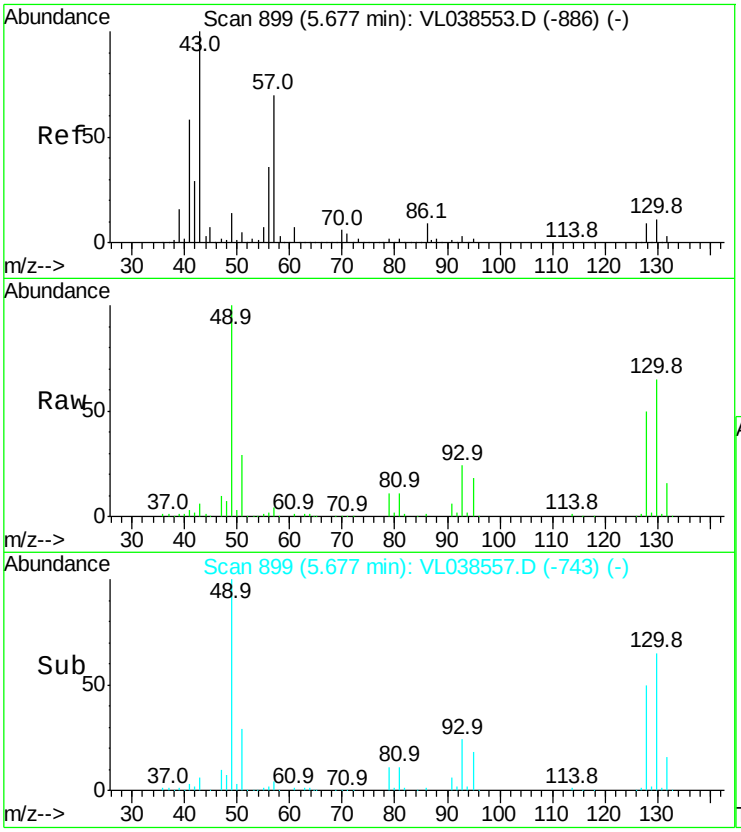


#25
Ethyl Acetate
Concen: 0.06 ppbv
RT: 5.68 min Scan# 900
Delta R.T. 0.02 min
Lab File: VL038557.D
Acq: 8 Mar 2022 13:40

Tgt Ion: 43 Resp: 12670

Ion	Ratio	Lower	Upper
43	100		
45	24.6	8.0	12.0#
61	24.3	8.2	12.4#
70	0.0	5.4	8.2#



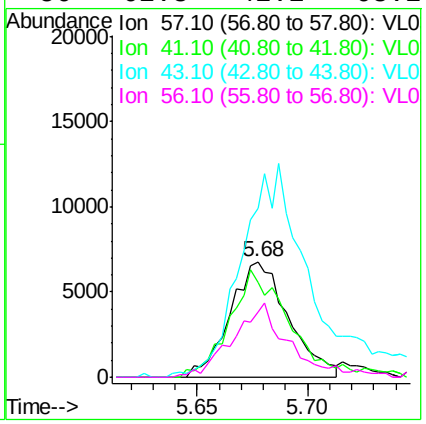


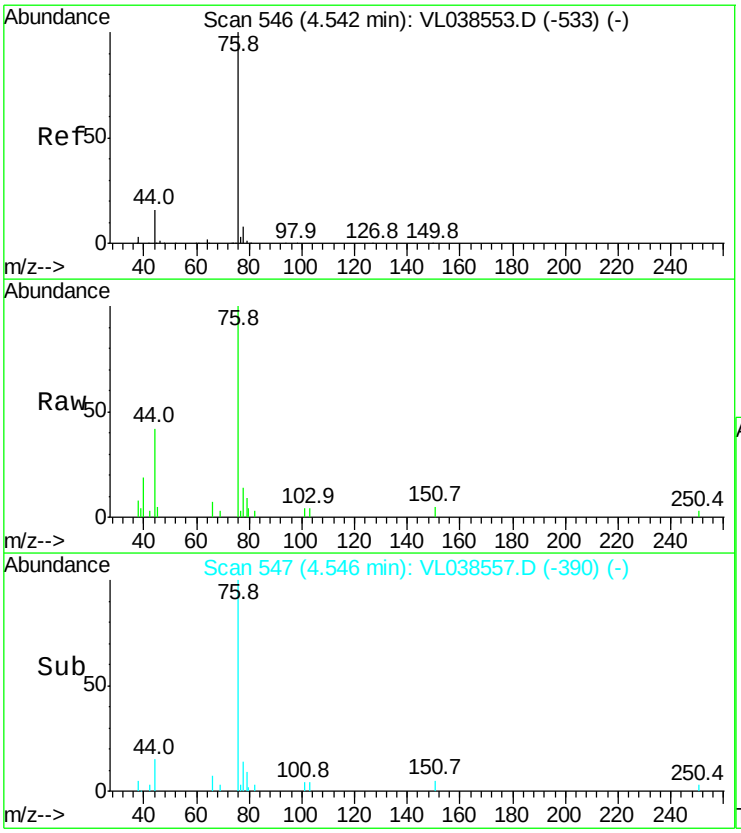
#26
Hexane
Concen: 0.12 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 8 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 57 Resp: 12456

Ion	Ratio	Lower	Upper
57	100		
41	97.8	67.8	101.6
43	230.9	173.6	260.4
56	62.3	42.2	63.2

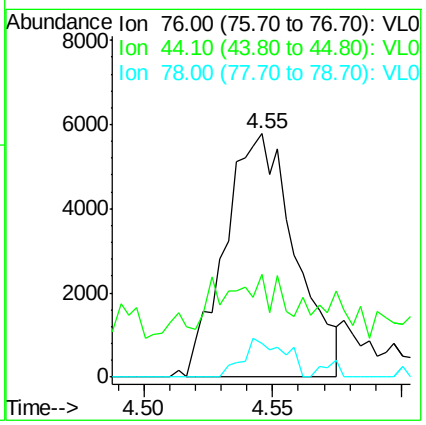


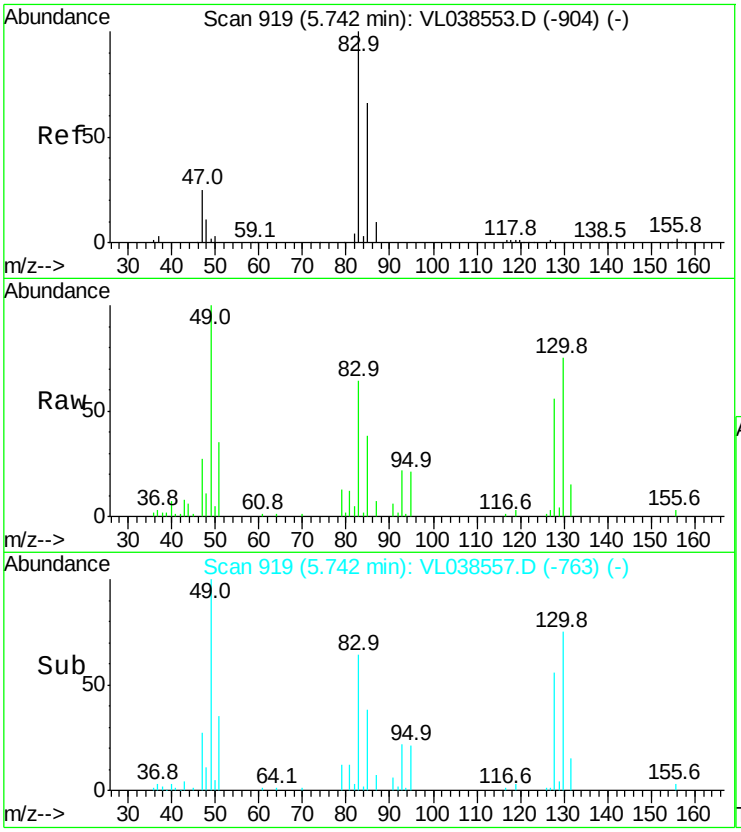


#27
Carbon Disulfide
Concen: 0.10 ppbv
RT: 4.55 min Scan# 547
Delta R.T. 0.00 min
Lab File: VL038557.D
Acq: 8 Mar 2022 13:40

Tgt Ion: 76 Resp: 10969

Ion	Ratio	Lower	Upper
76	100		
44	29.1	12.9	19.3#
78	10.9	7.8	11.6



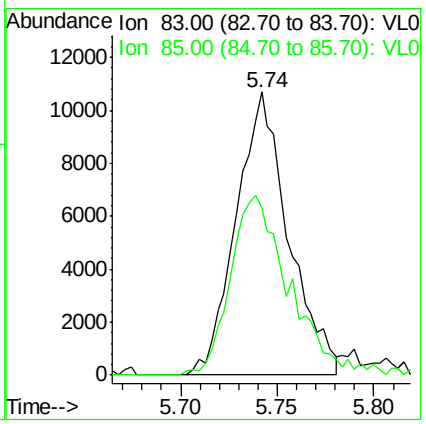


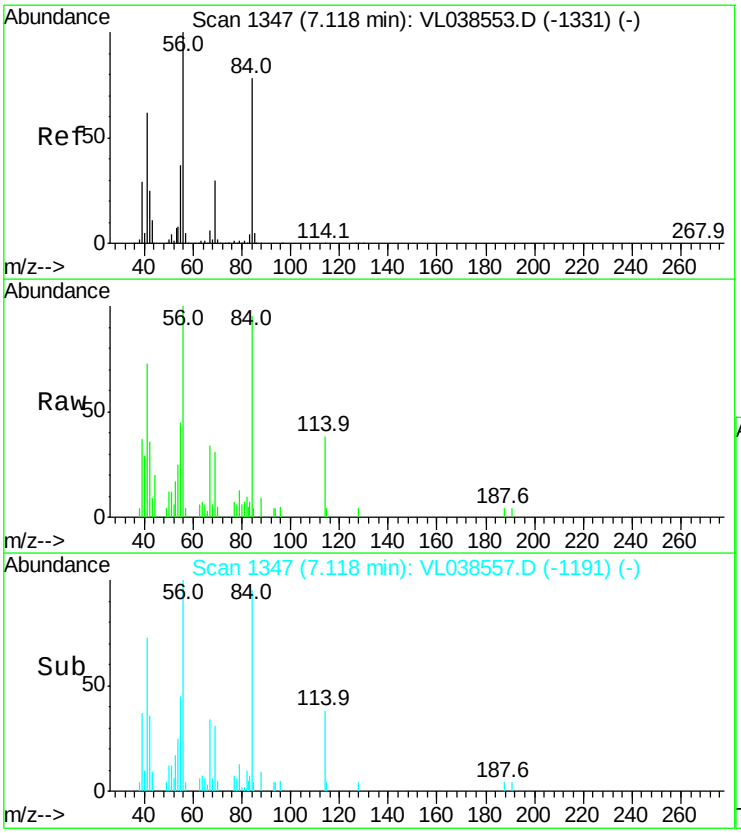
#29
Chloroform
Concen: 0.12 ppbv
RT: 5.74
Delta R.T
Lab File:
Acq: 8 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 83 Resp: 20198

Ion	Ratio	Lower	Upper
83	100		
85	57.5	52.8	79.2

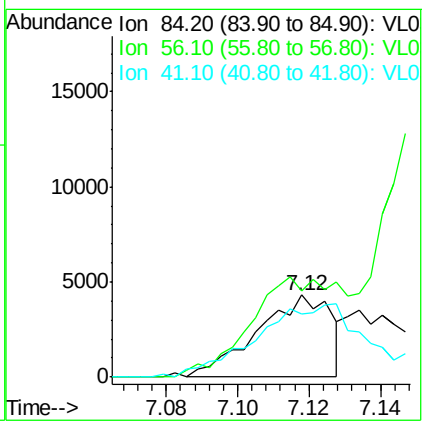


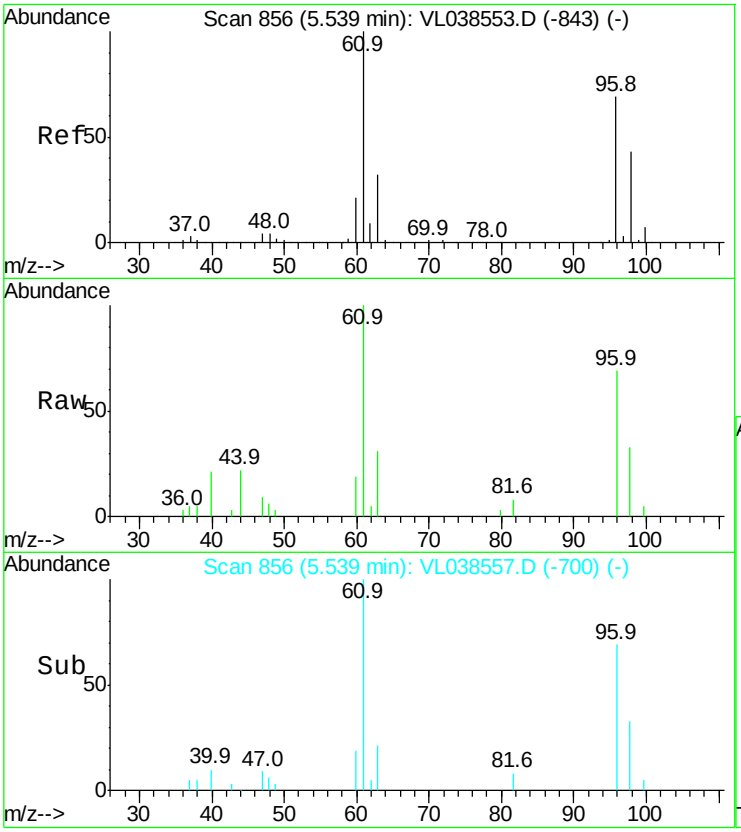


#30
Cyclohexane
Concen: 0.07 ppbv
RT: 7.12 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VL038557.D
Acq: 8 Mar 2022 13:40

Tgt Ion: 84 Resp: 6130

Ion	Ratio	Lower	Upper
84	100		
56	0.0	111.4	167.0#
41	0.0	65.5	98.3#



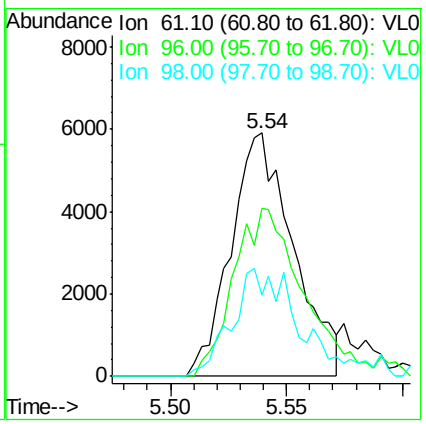


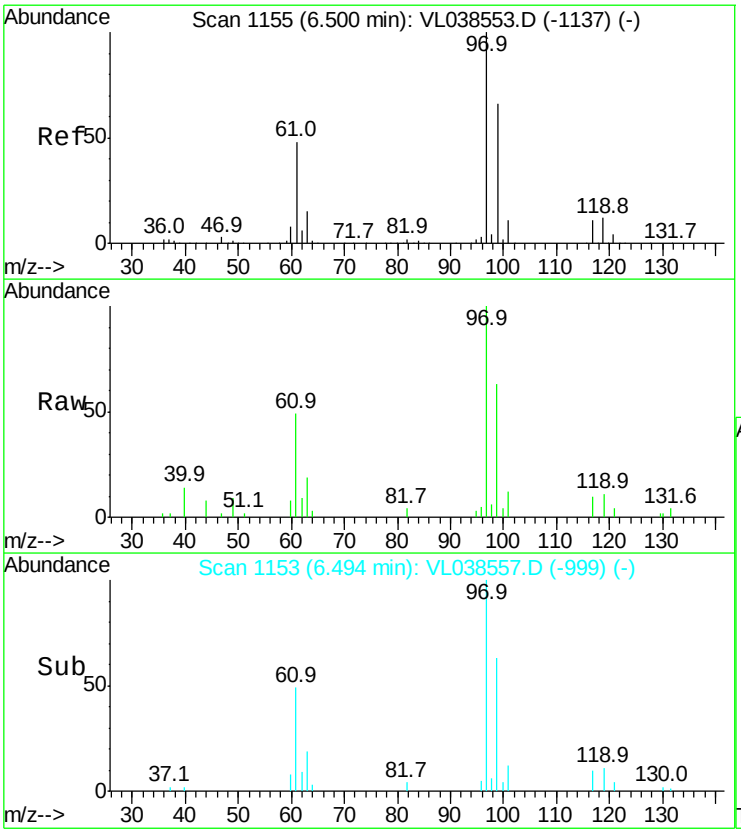
#31
cis-1,2-Dichloroethene
Concen: 0.11 ppbv
RT: 5.54
Delta R.T
Lab File:
Acq: 8 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 61 Resp: 11045

Ion	Ratio	Lower	Upper
61	100		
96	69.1	55.2	82.8
98	33.4	34.2	51.4#

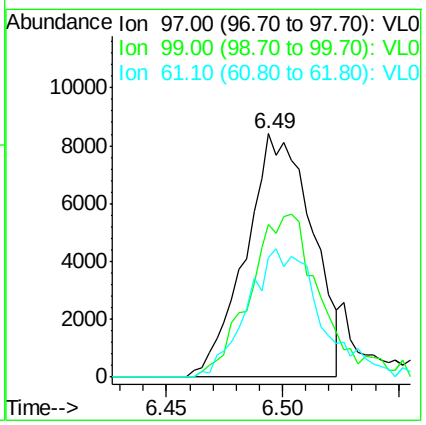


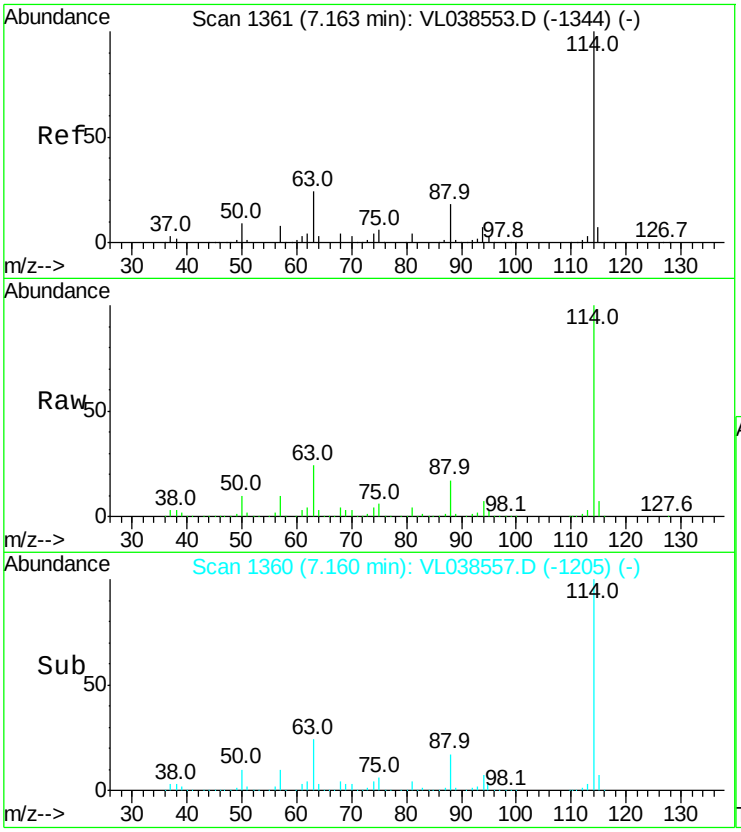


#32
1,1,1-Trichloroethane
Concen: 0.10 ppbv
RT: 6.49 min Scan# 1153
Delta R.T. -0.01 min
Lab File: VL038557.D
Acq: 8 Mar 2022 13:40

Tgt Ion: 97 Resp: 16747

Ion	Ratio	Lower	Upper
97	100		
99	71.6	52.1	78.1
61	58.0	37.7	56.5#



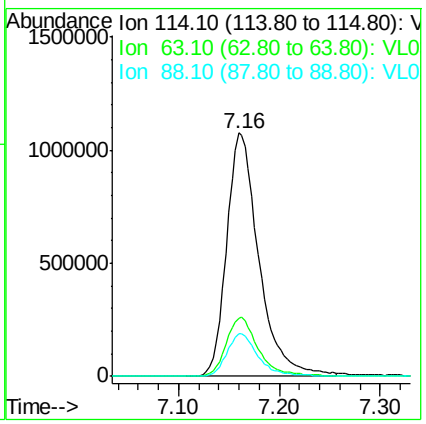


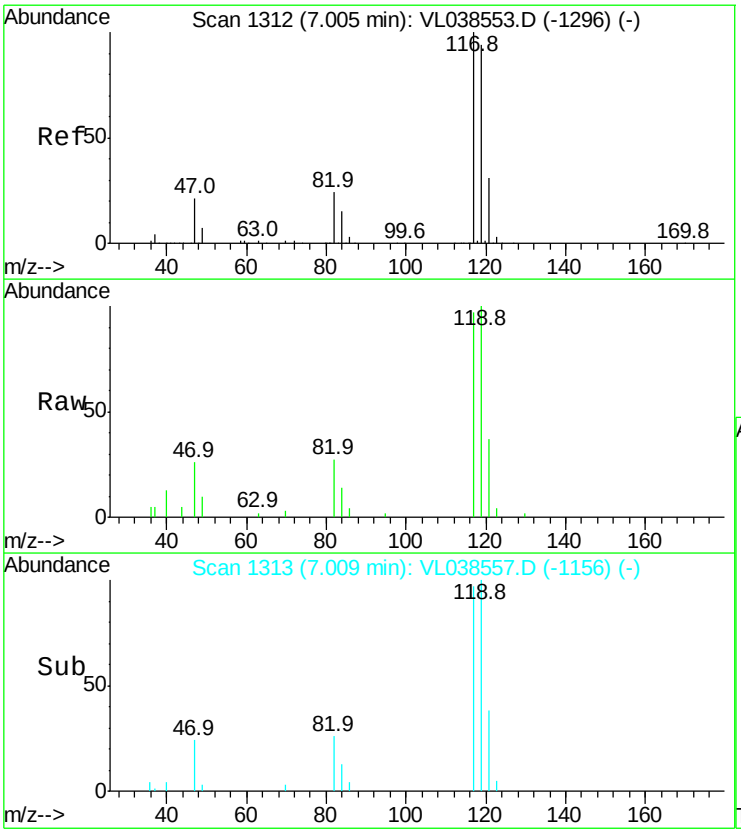
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.16
Delta R.T
Lab File:
Acq: 8 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:114 Resp: 2399033

Ion	Ratio	Lower	Upper
114	100		
63	24.3	19.6	29.4
88	17.6	13.9	20.9

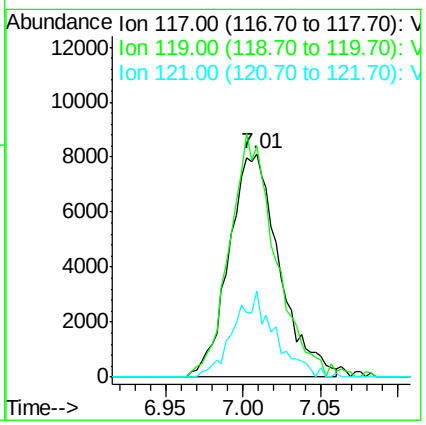


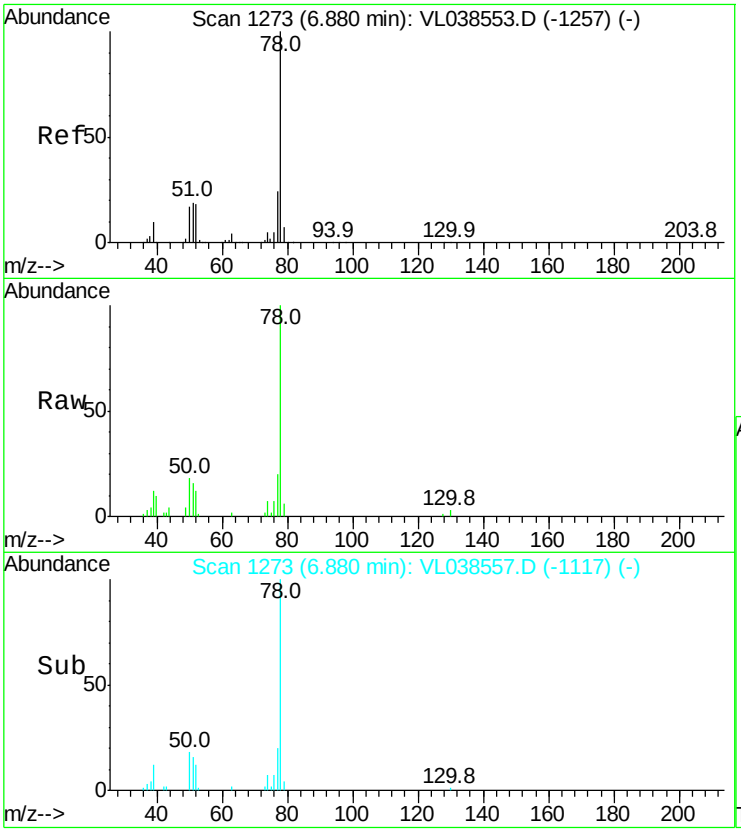


#35
Carbon Tetrachloride
Concen: 0.11 ppbv
RT: 7.01 min Scan# 1313
Delta R.T. 0.00 min
Lab File: VL038557.D
Acq: 8 Mar 2022 13:40

Tgt Ion:117 Resp: 18301

Ion	Ratio	Lower	Upper
117	100		
119	103.3	75.2	112.8
121	38.3	24.8	37.2#



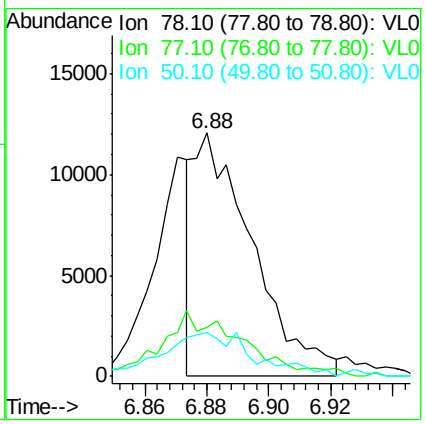


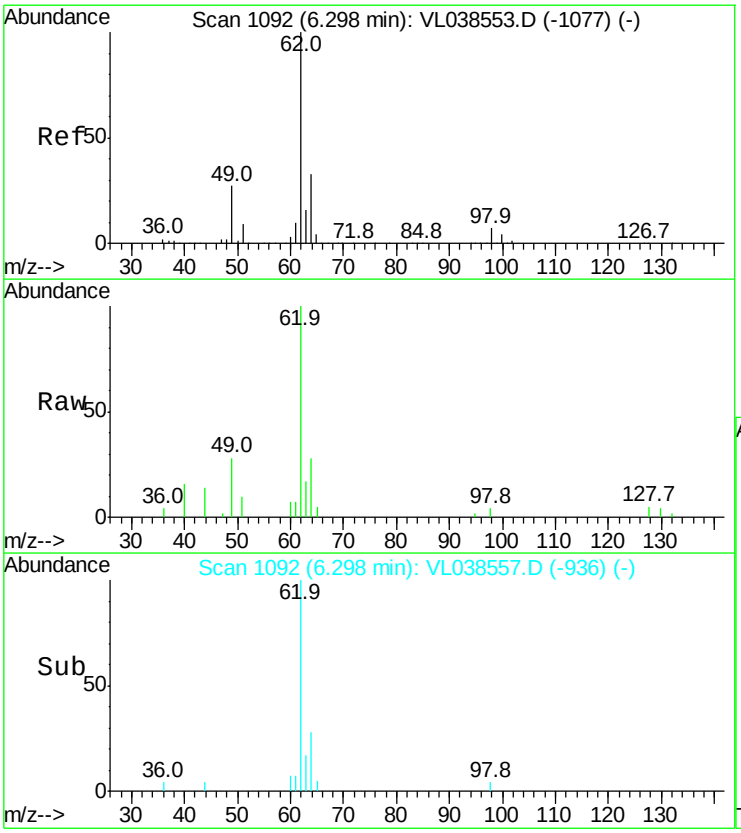
#36
Benzene
Concen: 0.07 ppbv
RT: 6.88
Delta R.T
Lab File:
Acq: 8 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 78 Resp: 15730

Ion	Ratio	Lower	Upper
78	100		
77	18.5	19.0	28.4#
50	19.4	13.9	20.9

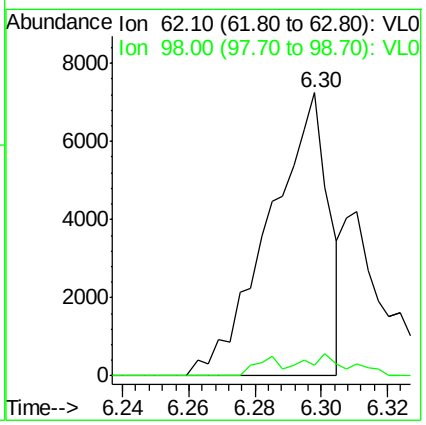


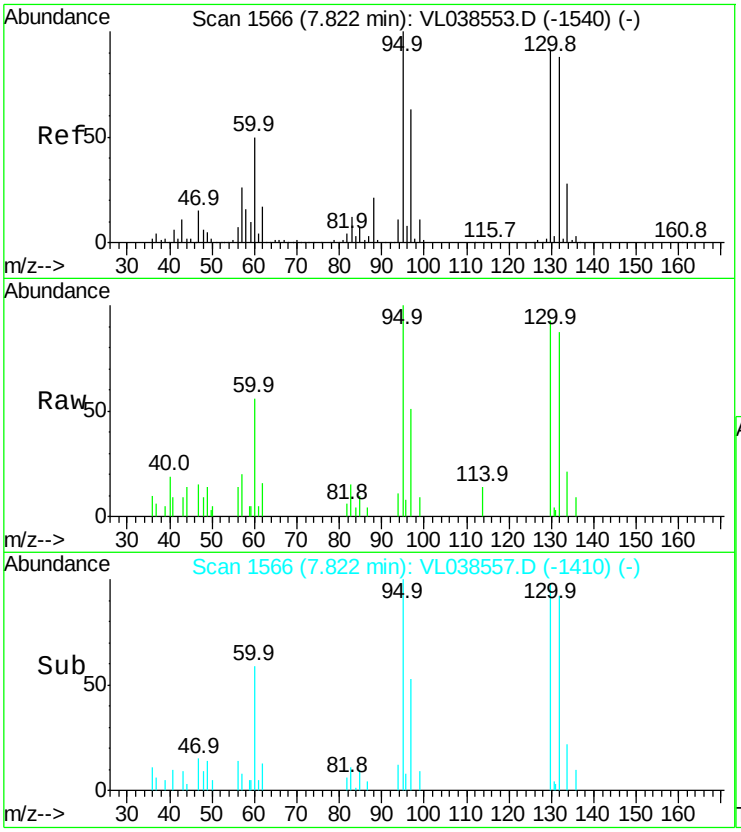


#37
1,2-Dichloroethane
Concen: 0.07 ppbv
RT: 6.30 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VL038557.D
Acq: 8 Mar 2022 13:40

Tgt Ion: 62 Resp: 9019

Ion	Ratio	Lower	Upper
62	100		
98	8.4	5.7	8.5



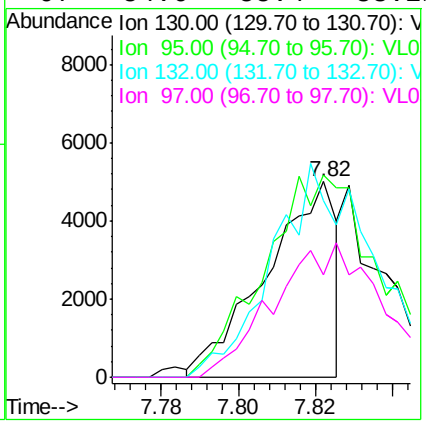


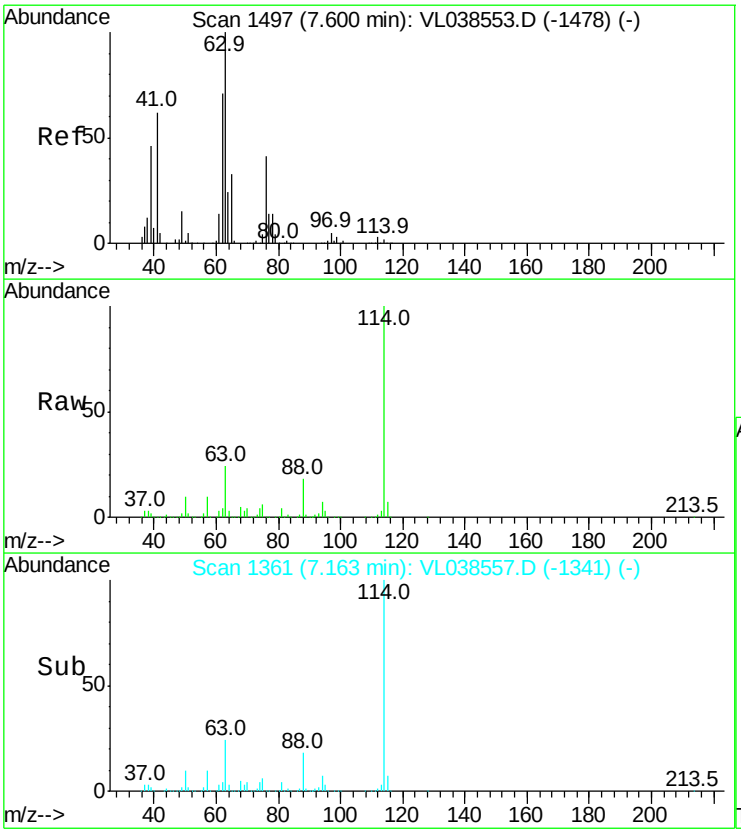
#38
Trichloroethene
Concen: 0.08 ppbv
RT: 7.82
Delta R.T
Lab File:
Acq: 8 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:130 Resp: 6311

Ion	Ratio	Lower	Upper
130	100		
95	115.6	87.8	131.8
132	93.9	77.5	116.3
97	54.6	55.4	83.2#

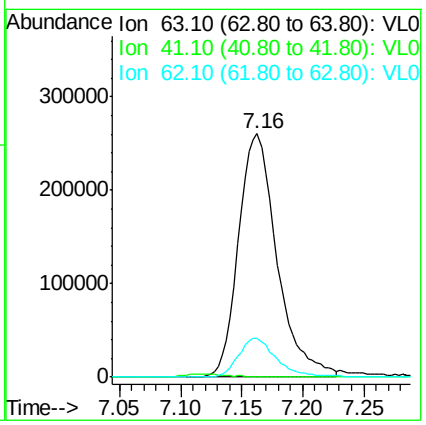


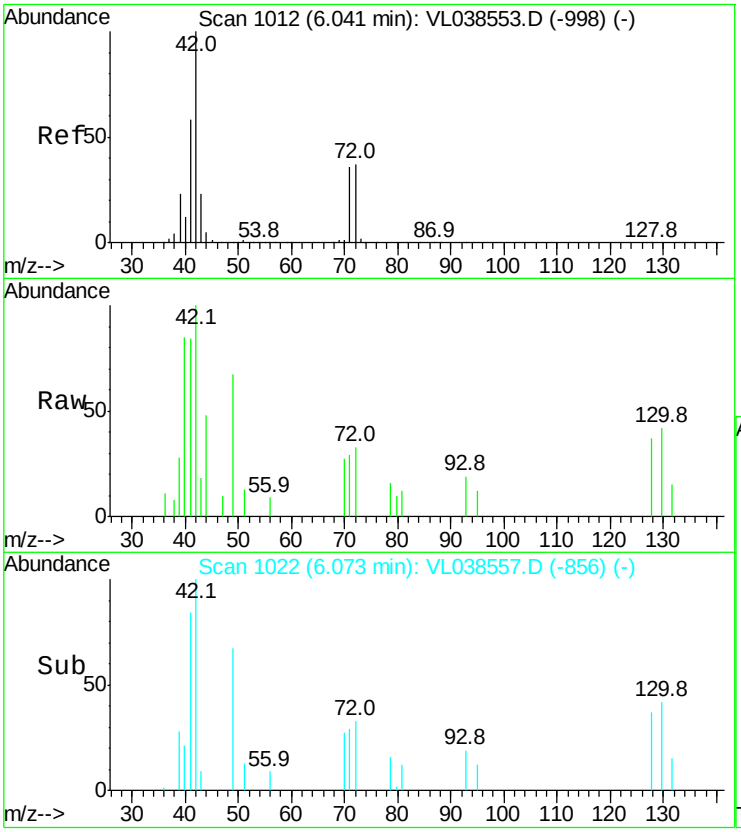


#39
1,2-Dichloropropane
Concen: 6.74 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.44 min
Lab File: VL038557.D
Acq: 8 Mar 2022 13:40

Tgt Ion: 63 Resp: 567242

Ion	Ratio	Lower	Upper
63	100		
41	0.2	49.8	74.6#
62	16.2	56.7	85.1#



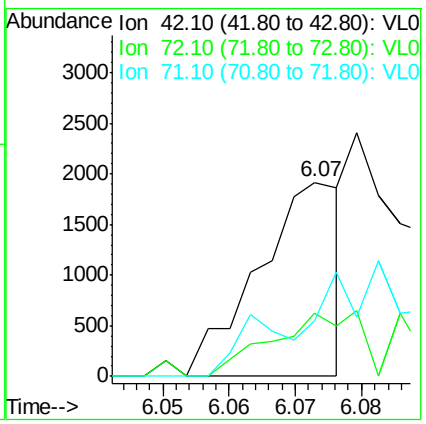


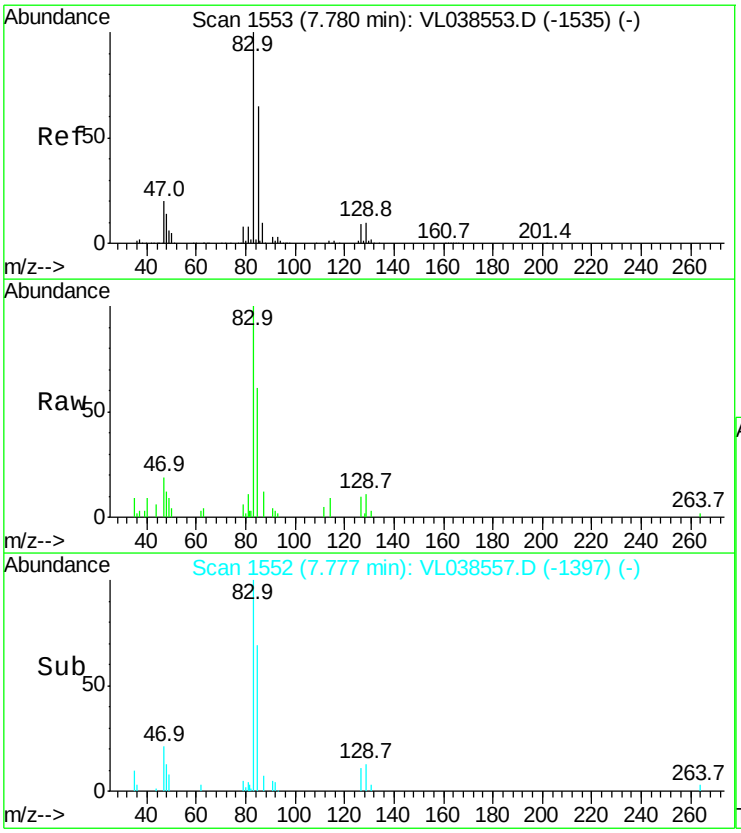
#41
Tetrahydrofuran
Concen: 0.03 ppbv
RT: 6.07
Delta R.T
Lab File:
Acq: 8 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 42 Resp: 1675

Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.9	46.3#
71	0.0	29.1	43.7#

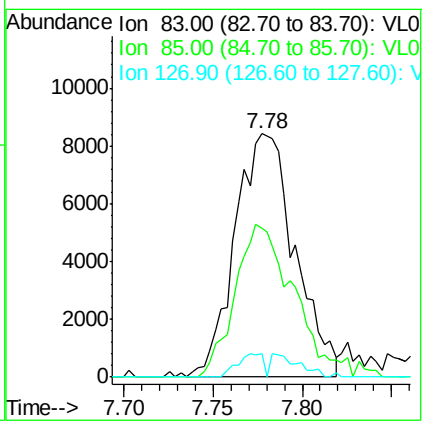


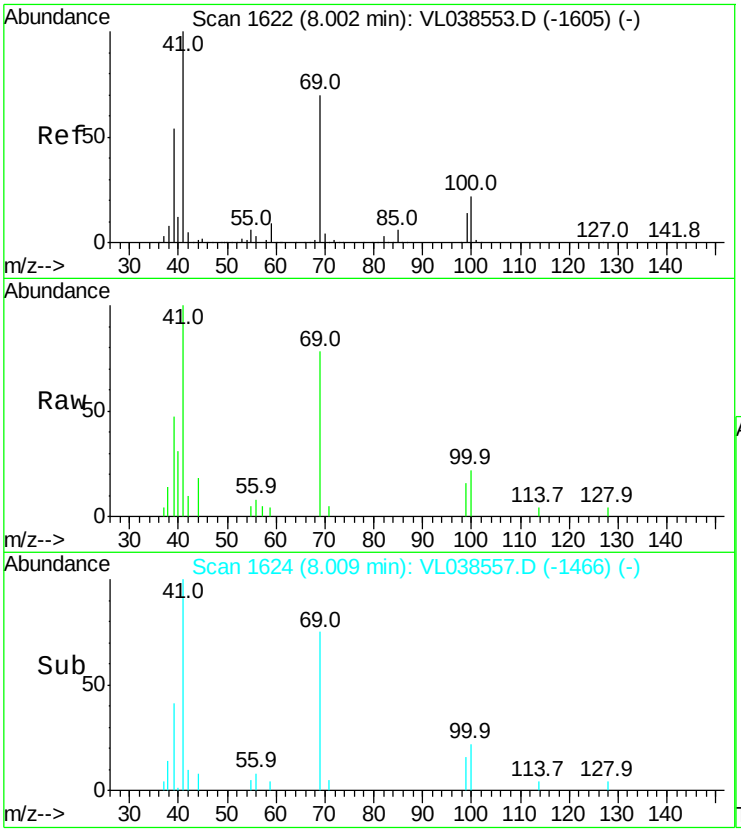


#42
Bromodichloromethane
Concen: 0.11 ppbv
RT: 7.78 min Scan# 1552
Delta R.T. -0.00 min
Lab File: VL038557.D
Acq: 8 Mar 2022 13:40

Tgt Ion: 83 Resp: 19750

Ion	Ratio	Lower	Upper
83	100		
85	61.2	51.7	77.5
127	7.7	6.9	10.3



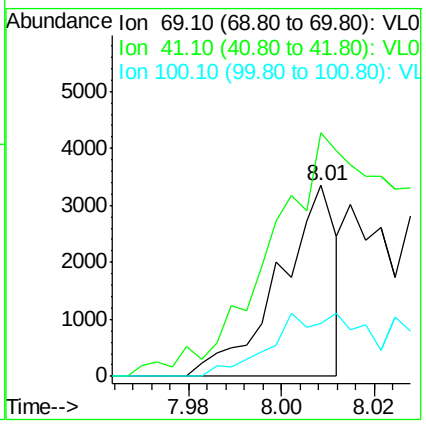


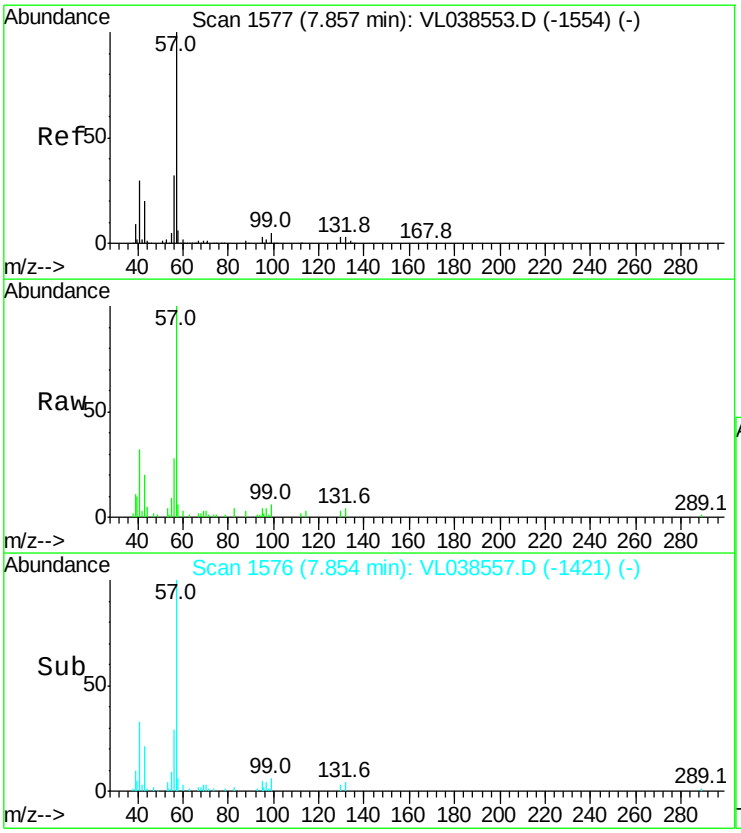
#43
Methyl Methacrylate
Concen: 0.04 ppbv
RT: 8.01
Delta R.T
Lab File:
Acq: 8 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 69 Resp: 2879

Ion	Ratio	Lower	Upper
69	100		
41	362.4	113.8	170.6#
100	80.3	24.4	36.6#

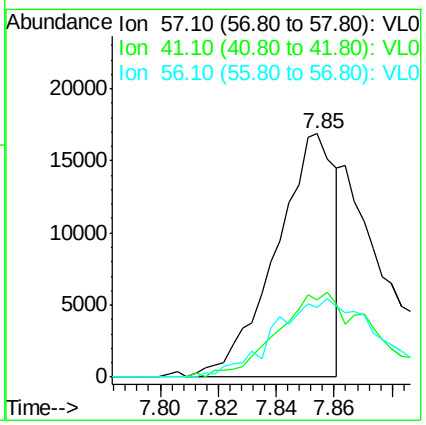


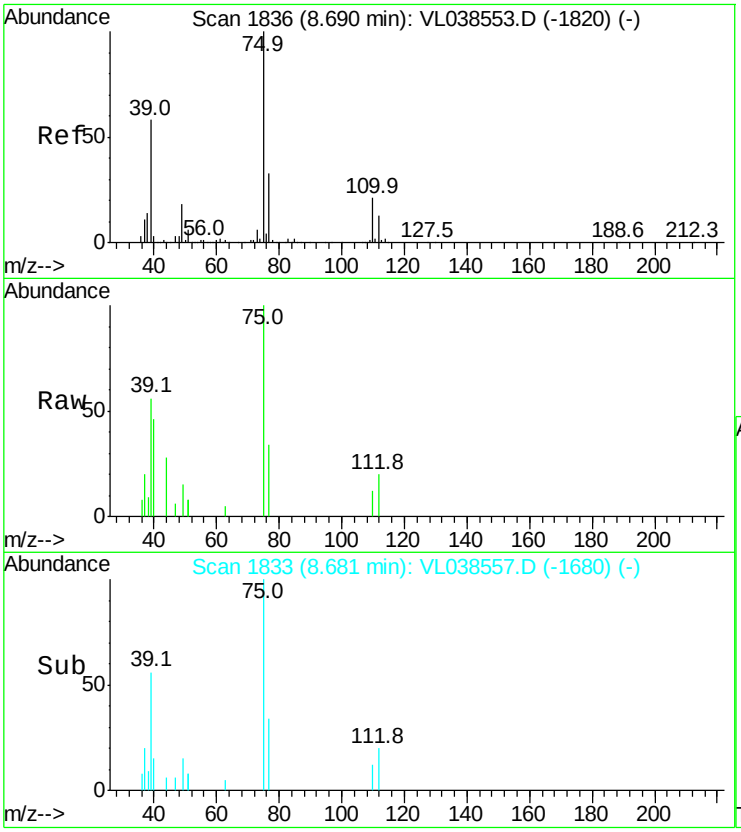


#44
2,2,4-Trimethylpentane
Concen: 0.07 ppbv
RT: 7.85 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VL038557.D
Acq: 8 Mar 2022 13:40

Tgt Ion: 57 Resp: 23956

Ion	Ratio	Lower	Upper
57	100		
41	58.7	24.0	36.0#
56	58.2	25.6	38.4#



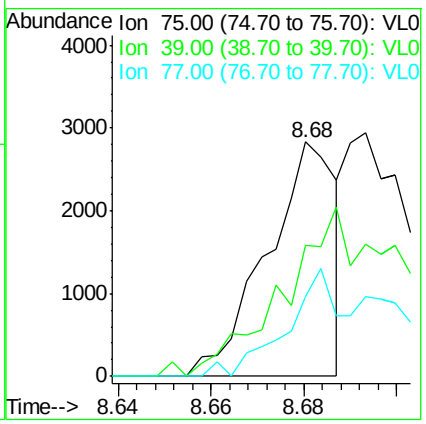


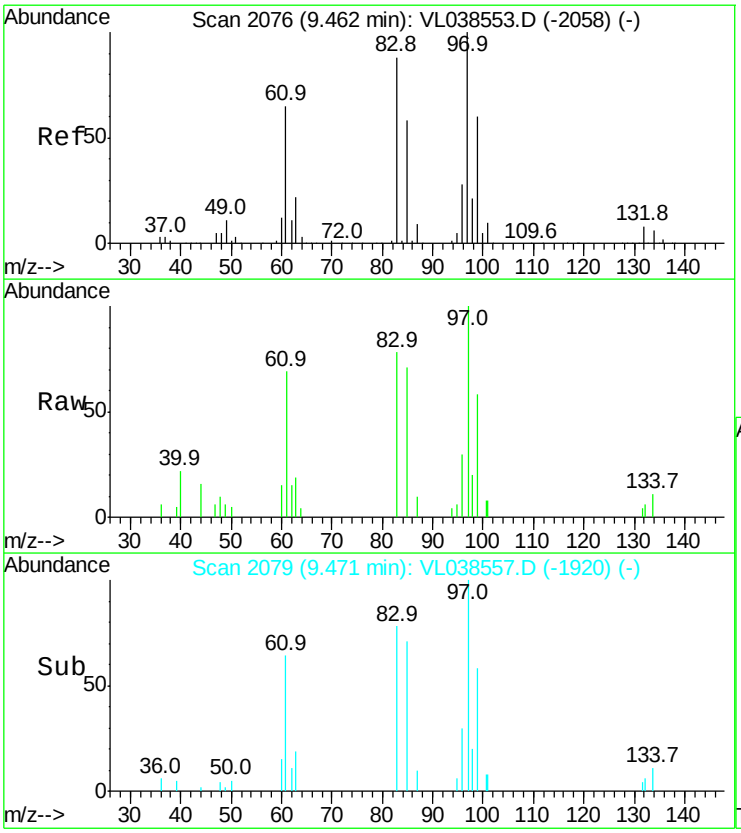
#46
cis-1,3-Dichloropropene
Concen: 0.04 ppbv
RT: 8.68
Delta R.T
Lab File:
Acq: 8 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 75 Resp: 2910

Ion	Ratio	Lower	Upper
75	100		
39	55.9	46.2	69.2
77	33.8	26.2	39.2

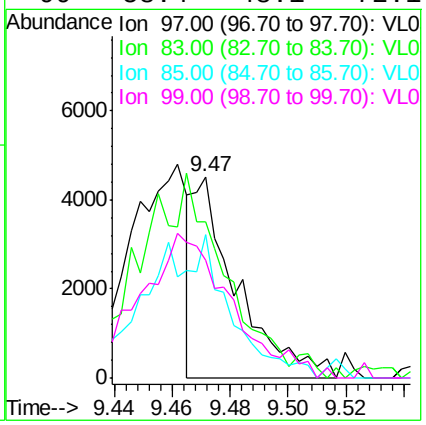


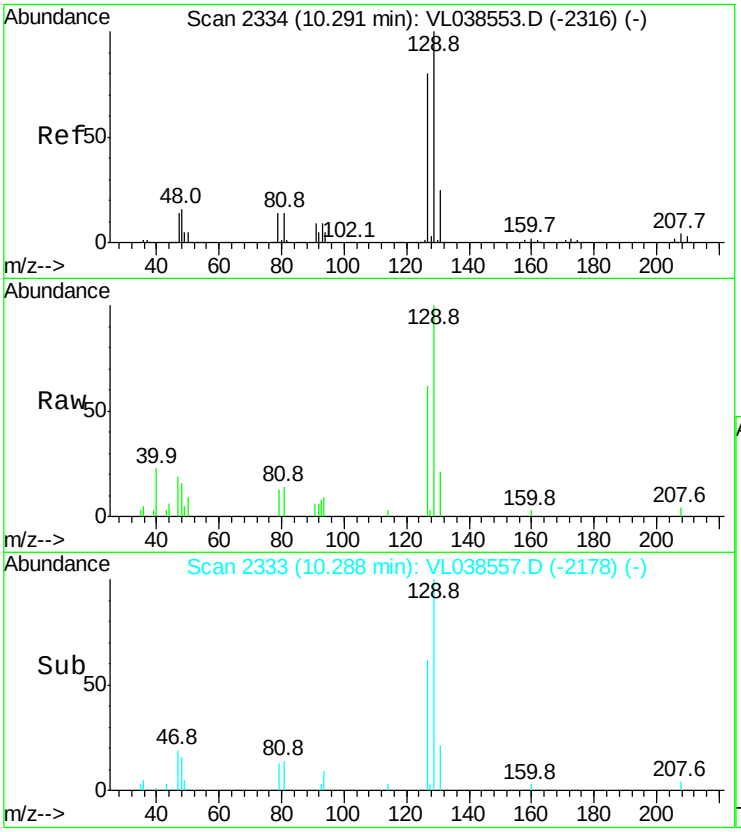


#47
1,1,2-Trichloroethane
Concen: 0.06 ppbv
RT: 9.47 min Scan# 2079
Delta R.T. 0.01 min
Lab File: VL038557.D
Acq: 8 Mar 2022 13:40

Tgt Ion: 97 Resp: 4719

Ion	Ratio	Lower	Upper
97	100		
83	72.7	70.1	105.1
85	61.9	46.6	69.8
99	58.4	48.1	72.1



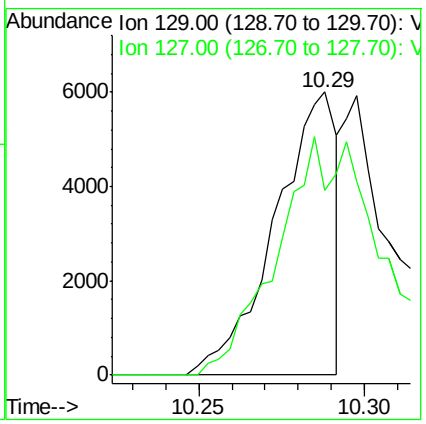


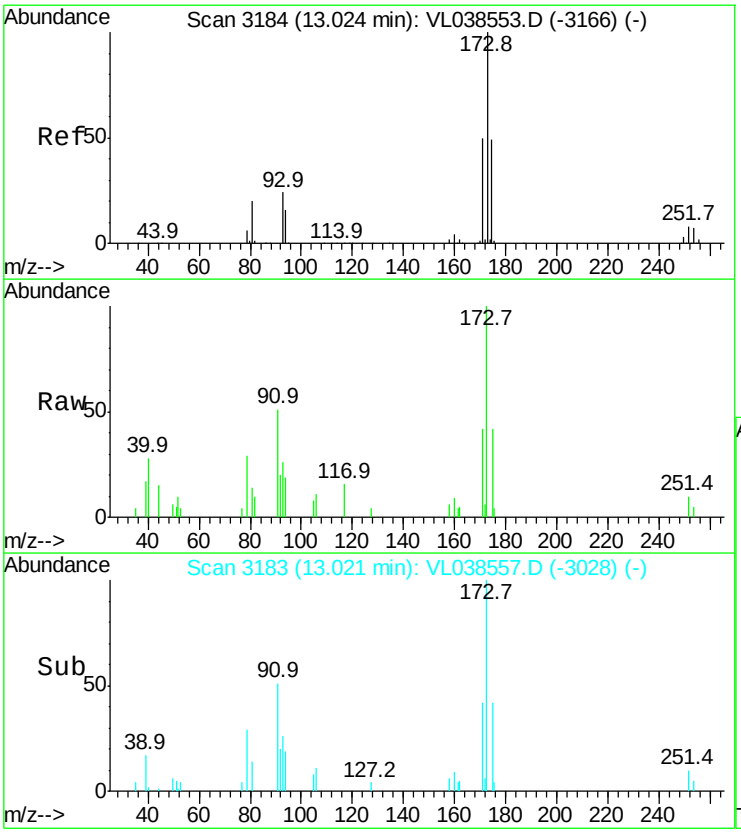
#48
Dibromochloromethane
Concen: 0.06 ppbv
RT: 10.29
Delta R.T
Lab File:
Acq: 8 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:129 Resp: 7708

Ion	Ratio	Lower	Upper
129	100		
127	145.0	39.5	118.3#

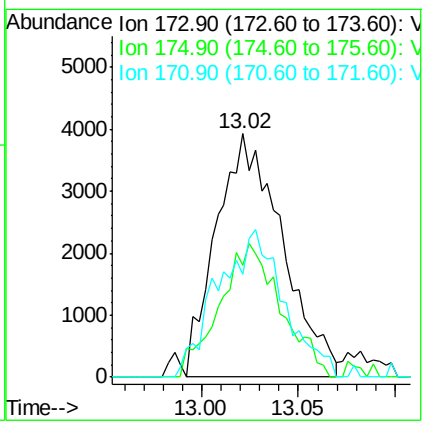


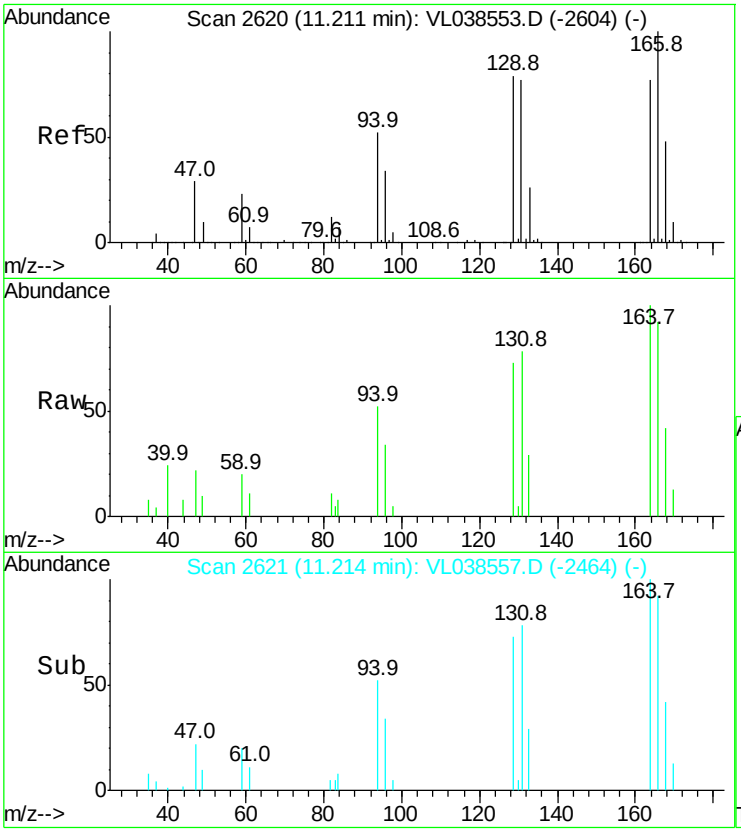


#49
Bromoform
Concen: 0.09 ppbv
RT: 13.02 min Scan# 3183
Delta R.T. -0.00 min
Lab File: VL038557.D
Acq: 8 Mar 2022 13:40

Tgt Ion:173 Resp: 9310

Ion	Ratio	Lower	Upper
173	100		
175	51.1	40.7	61.1
171	60.7	42.9	64.3



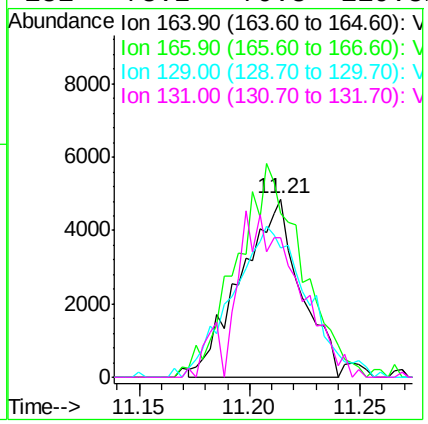


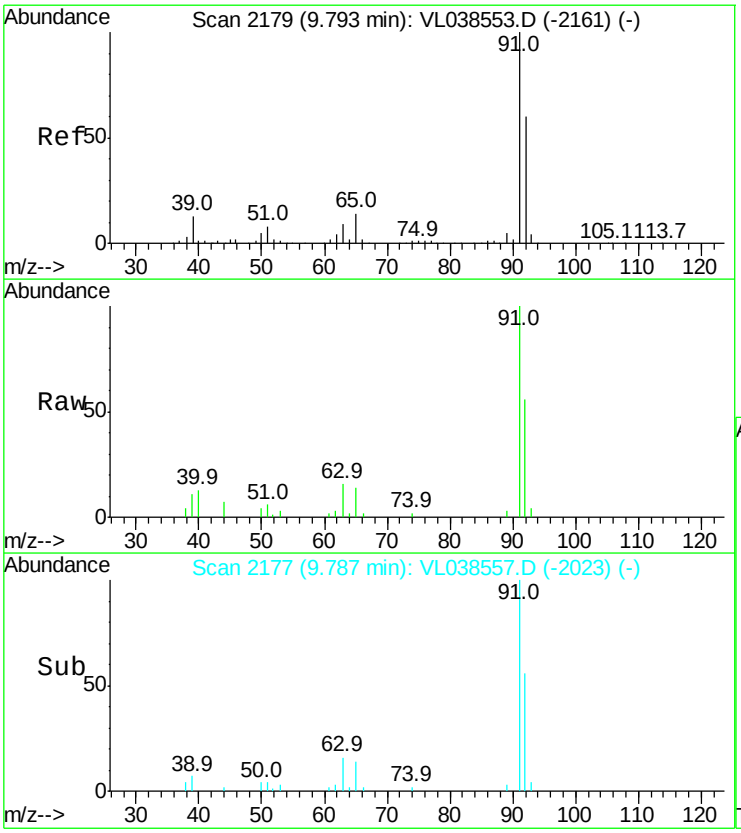
#52
Tetrachloroethene
Concen: 0.13 ppbv
RT: 11.21
Delta R.T
Lab File:
Acq: 8 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:164 Resp: 9122

Ion	Ratio	Lower	Upper
164	100		
166	86.7	103.4	155.2#
129	67.7	81.3	121.9#
131	73.2	79.8	119.8#

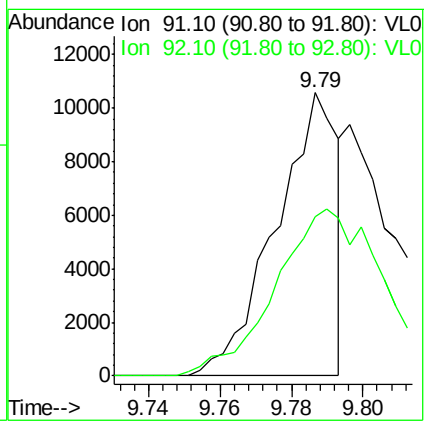


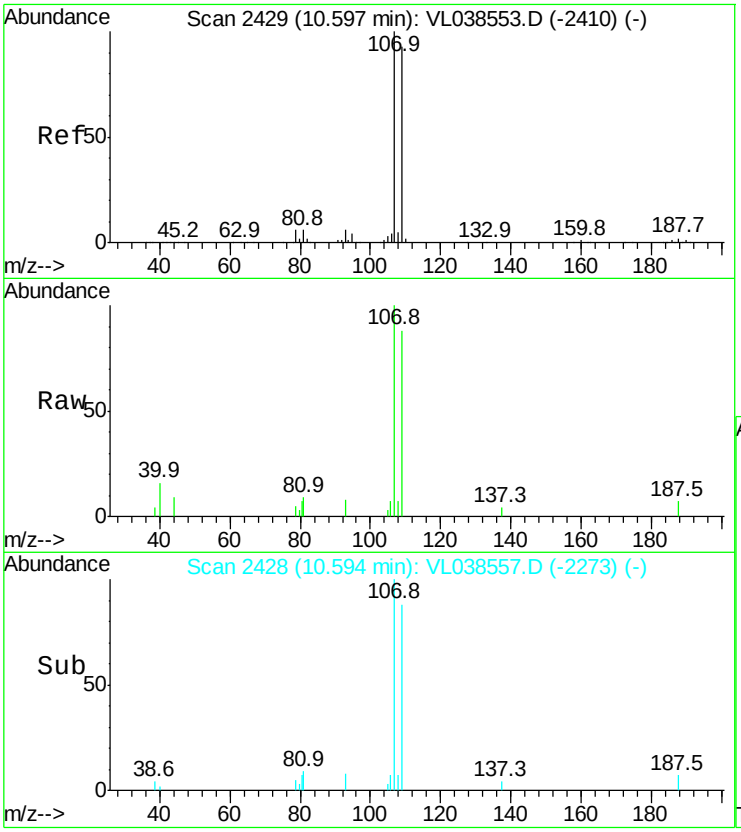


#53
Toluene
Concen: 0.06 ppbv
RT: 9.79 min Scan# 2177
Delta R.T. -0.01 min
Lab File: VL038557.D
Acq: 8 Mar 2022 13:40

Tgt Ion: 91 Resp: 12656

Ion	Ratio	Lower	Upper
91	100		
92	111.3	48.1	72.1#



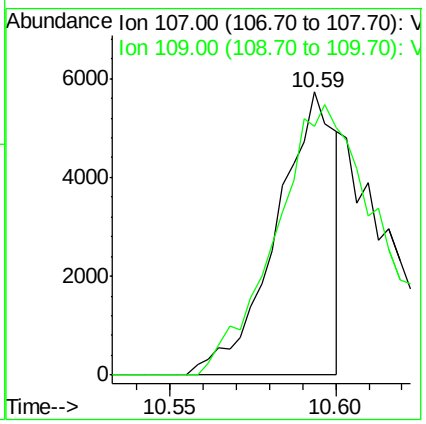


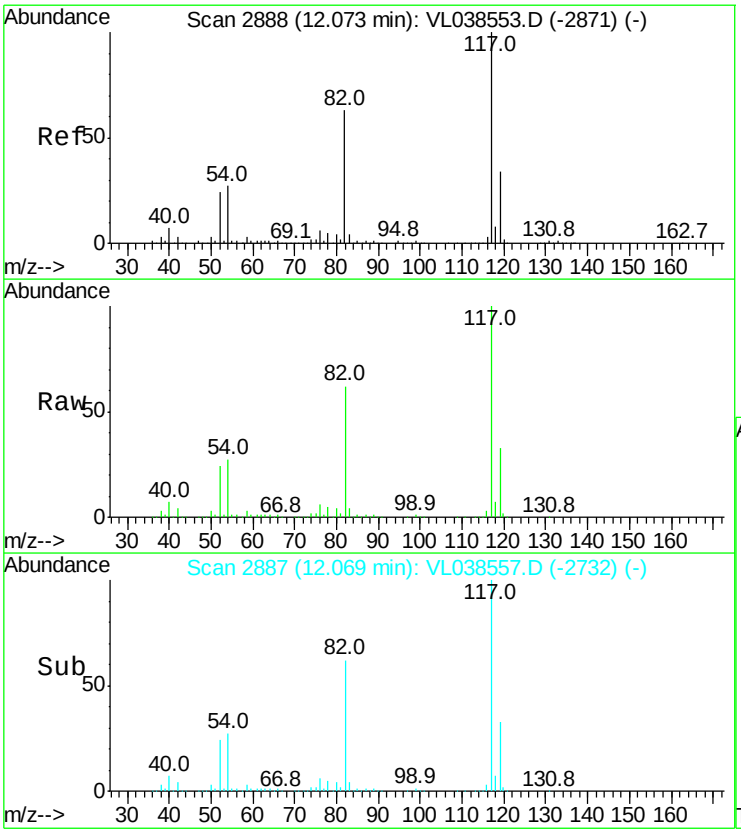
#54
1,2-Dibromoethane
Concen: 0.06 ppbv
RT: 10.59
Delta R.T
Lab File:
Acq: 8 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:107 Resp: 7087

Ion	Ratio	Lower	Upper
107	100		
109	87.9	74.6	112.0

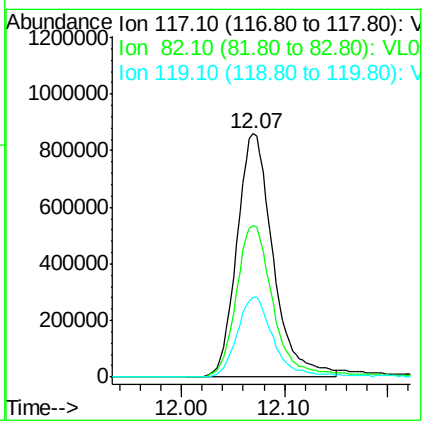


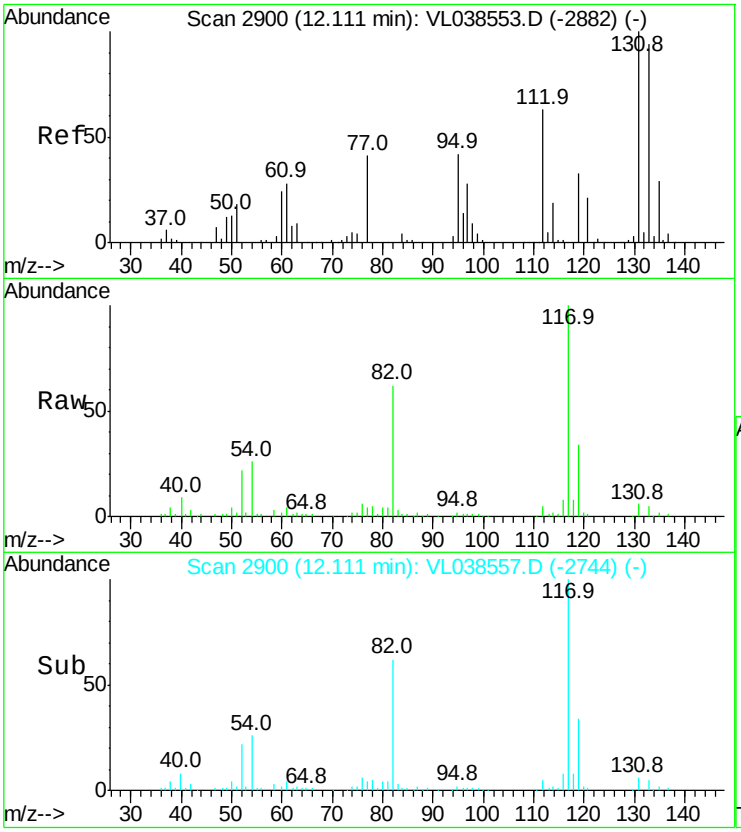


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.07 min Scan# 2887
Delta R.T. -0.00 min
Lab File: VL038557.D
Acq: 8 Mar 2022 13:40

Tgt Ion:117 Resp: 2099991

Ion	Ratio	Lower	Upper
117	100		
82	65.7	52.5	78.7
119	33.5	46.4	69.6#



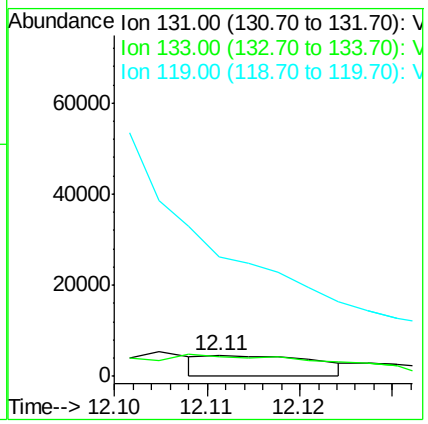


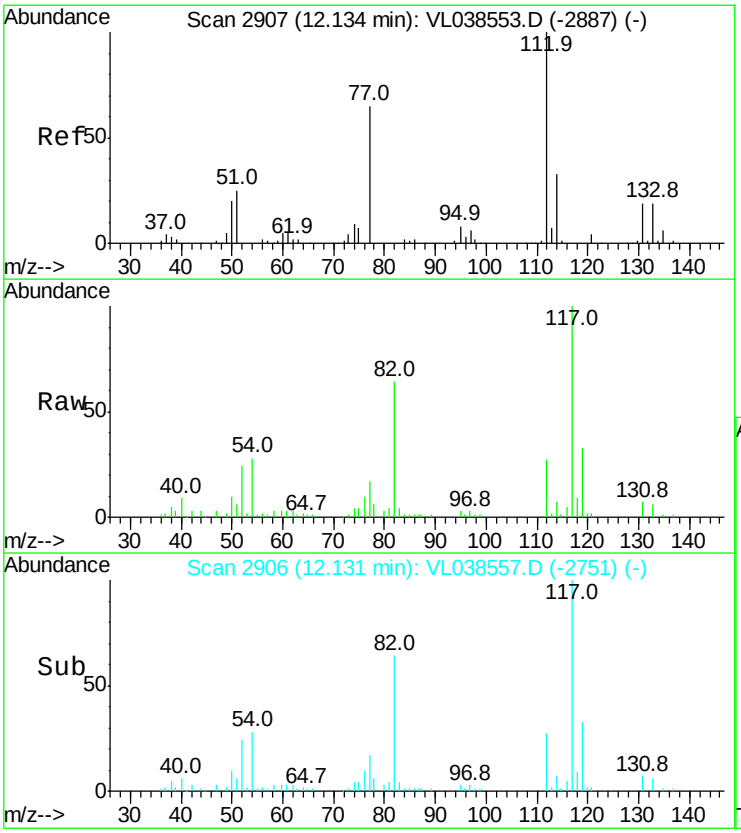
#56
1,1,1,2-Tetrachloroethane
Concen: 0.04 ppbv
RT: 12.11
Delta R.T
Lab File:
Acq: 8 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:131 Resp: 3737

Ion	Ratio	Lower	Upper
131	100		
133	288.9	78.0	117.0#
119	0.0	53.1	79.7#

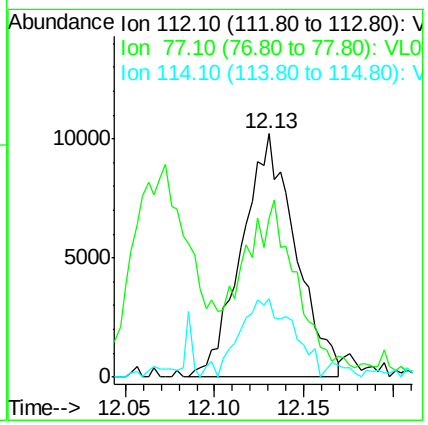


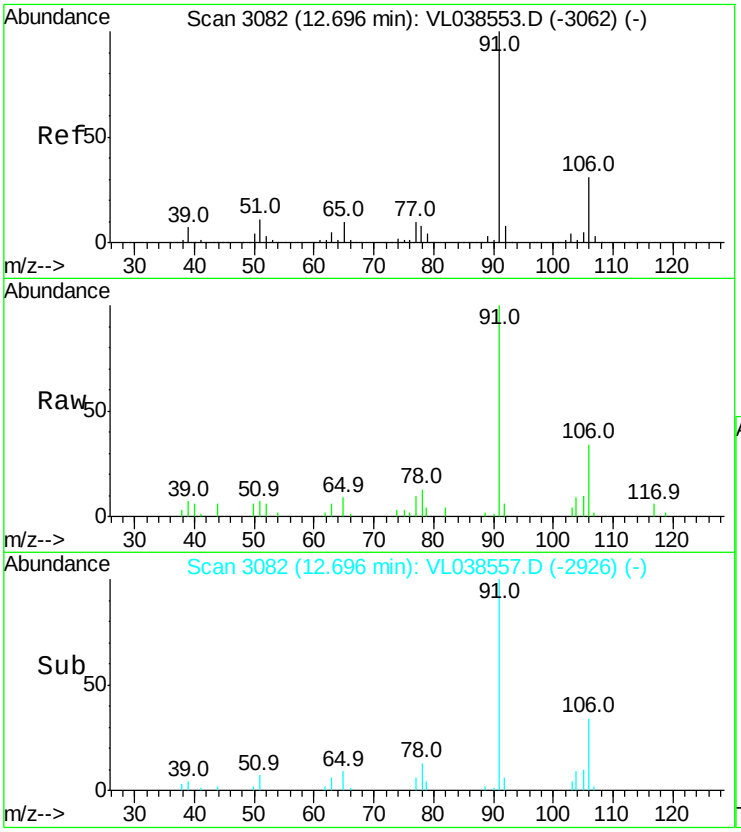


#57
Chlorobenzene
Concen: 0.13 ppbv
RT: 12.13 min Scan# 2906
Delta R.T. -0.00 min
Lab File: VL038557.D
Acq: 8 Mar 2022 13:40

Tgt Ion:112 Resp: 21546

Ion	Ratio	Lower	Upper
112	100		
77	46.4	52.5	78.7#
114	25.0	30.0	36.6#



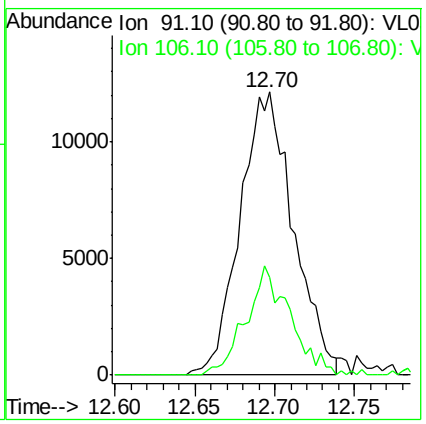


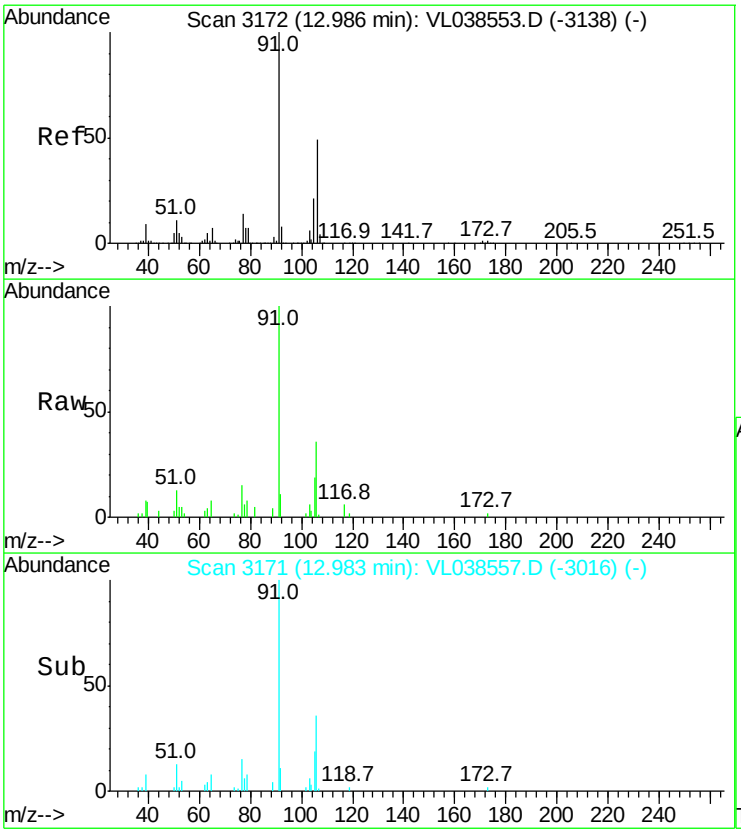
#58
Ethyl Benzene
Concen: 0.10 ppbv
RT: 12.70
Delta R.T
Lab File:
Acq: 8 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 91 Resp: 27784

Ion	Ratio	Lower	Upper
91	100		
106	36.0	24.6	37.0

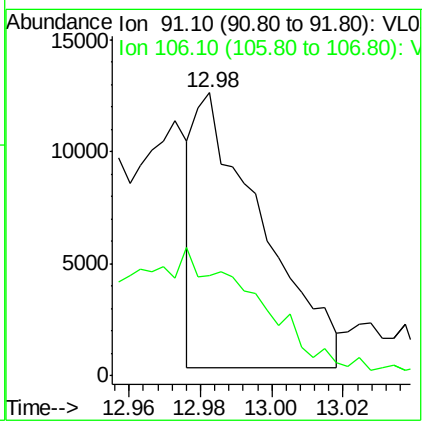


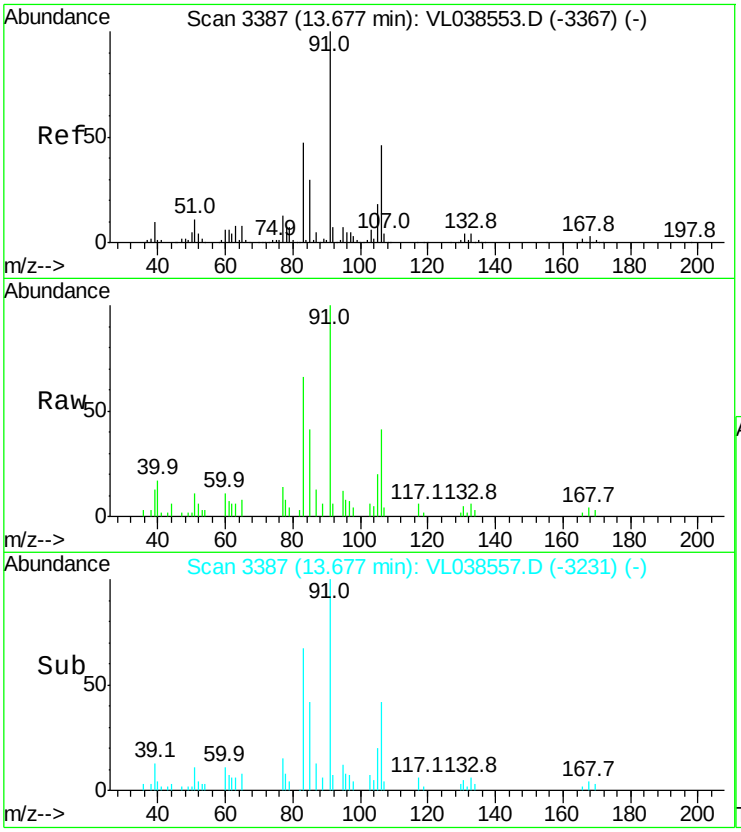


#59
m/p-Xylene
Concen: 0.06 ppbv
RT: 12.98 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VL038557.D
Acq: 8 Mar 2022 13:40

Tgt Ion: 91 Resp: 15972

Ion	Ratio	Lower	Upper
91	100		
106	0.0	37.1	55.7#



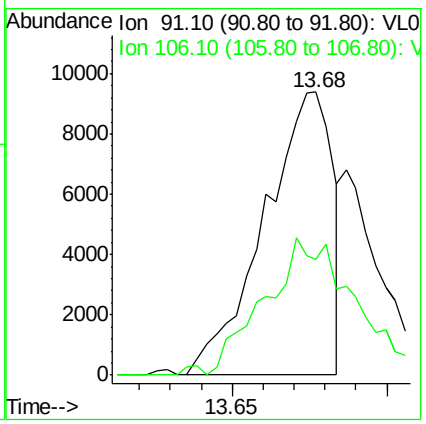


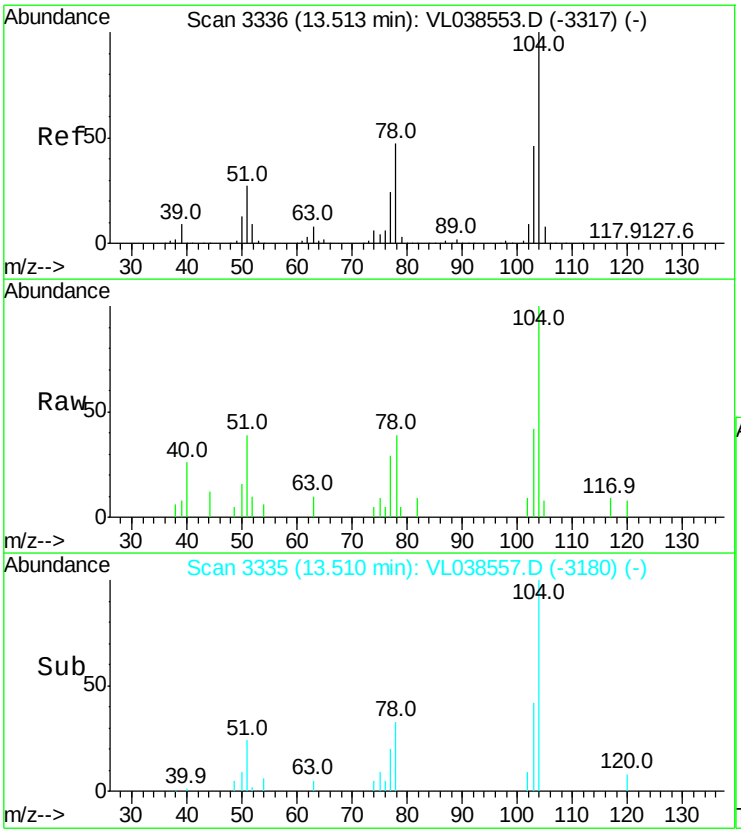
#60
o-Xylene
Concen: 0.06 ppbv
RT: 13.68
Delta R.T
Lab File:
Acq: 8 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 91 Resp: 14436

Ion	Ratio	Lower	Upper
91	100		
106	67.9	23.5	70.6

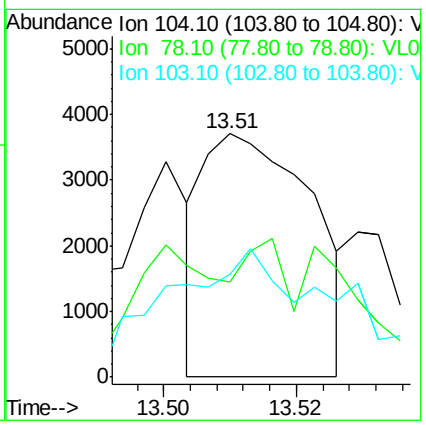


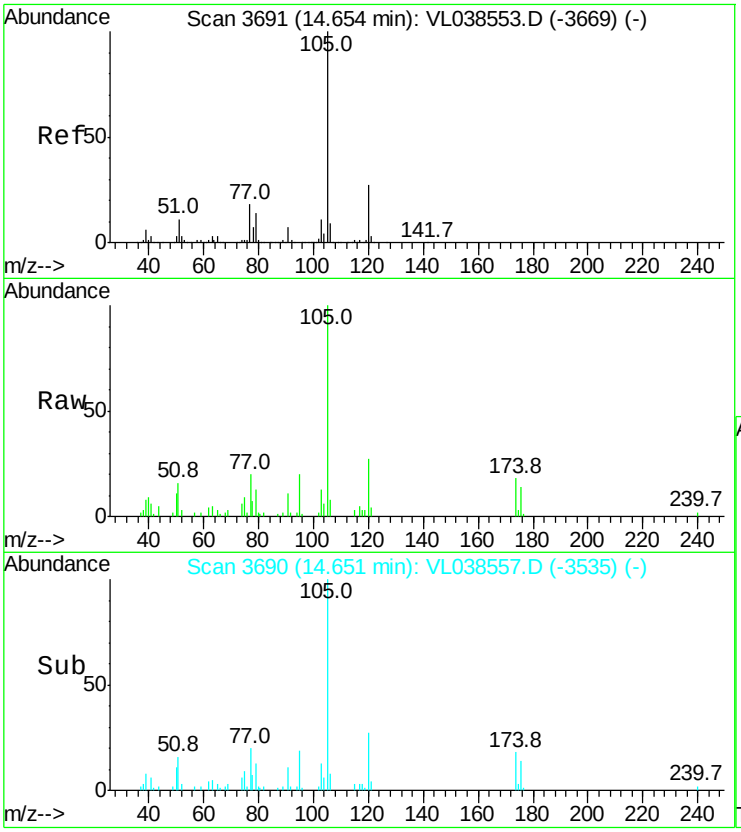


#61
Styrene
Concen: 0.04 ppbv
RT: 13.51 min Scan# 3335
Delta R.T. -0.00 min
Lab File: VL038557.D
Acq: 8 Mar 2022 13:40

Tgt Ion:104 Resp: 4190

Ion	Ratio	Lower	Upper
104	100		
78	112.0	39.0	58.4#
103	100.5	38.0	57.0#



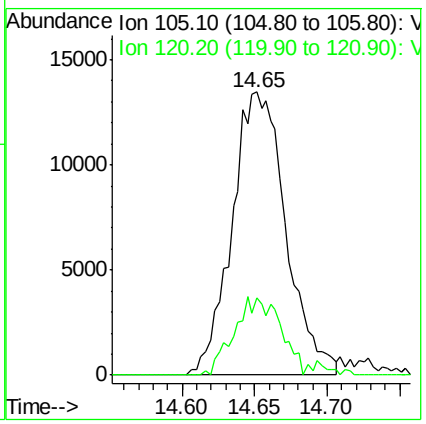


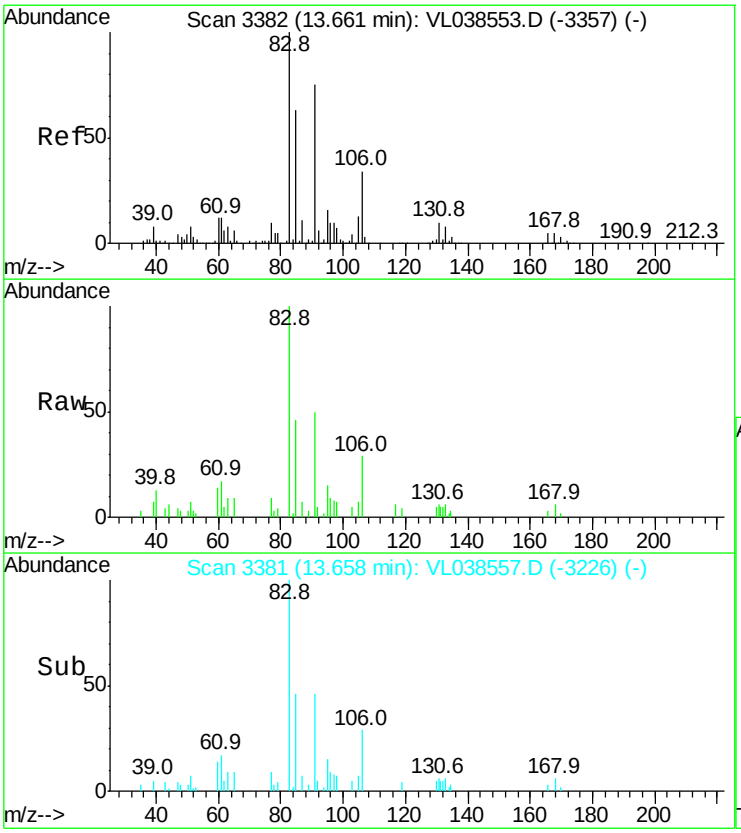
#62
Isopropylbenzene
Concen: 0.11 ppbv
RT: 14.65
Delta R.T
Lab File:
Acq: 8 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:105 Resp: 34882

Ion	Ratio	Lower	Upper
105	100		
120	25.3	21.2	31.8

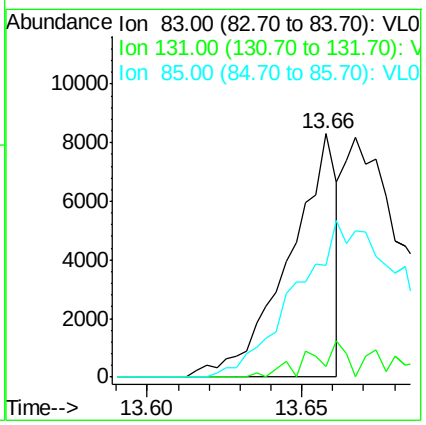


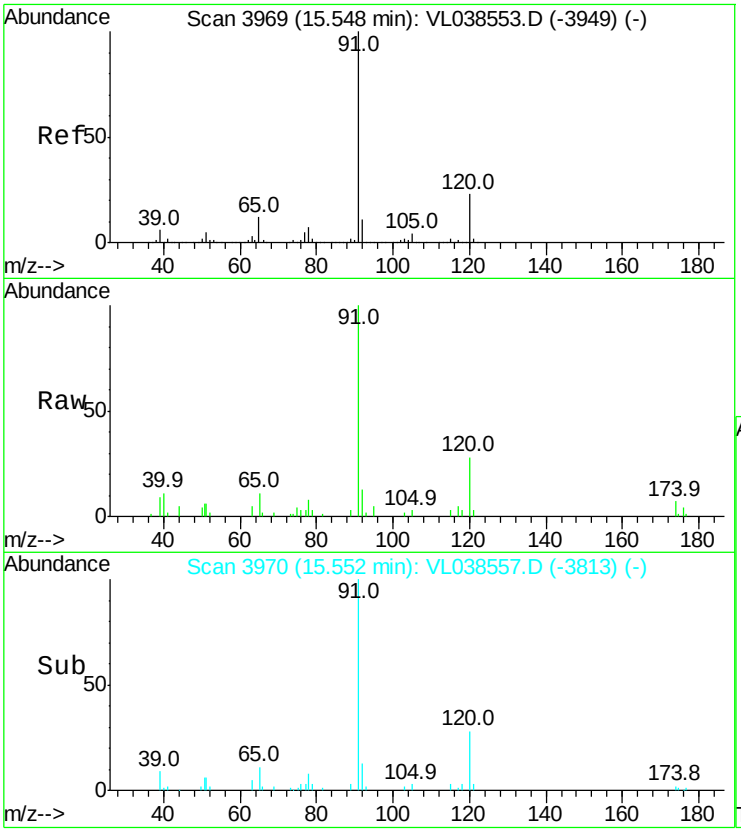


#63
1,1,2,2-Tetrachloroethane
Concen: 0.05 ppbv
RT: 13.66 min Scan# 3381
Delta R.T. -0.00 min
Lab File: VL038557.D
Acq: 8 Mar 2022 13:40

Tgt Ion: 83 Resp: 8897

Ion	Ratio	Lower	Upper
83	100		
131	10.4	4.7	14.1
85	165.4	32.6	98.0#



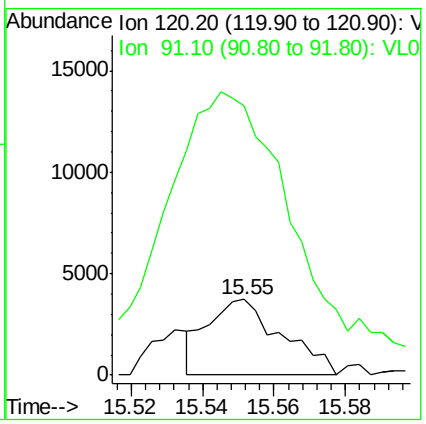


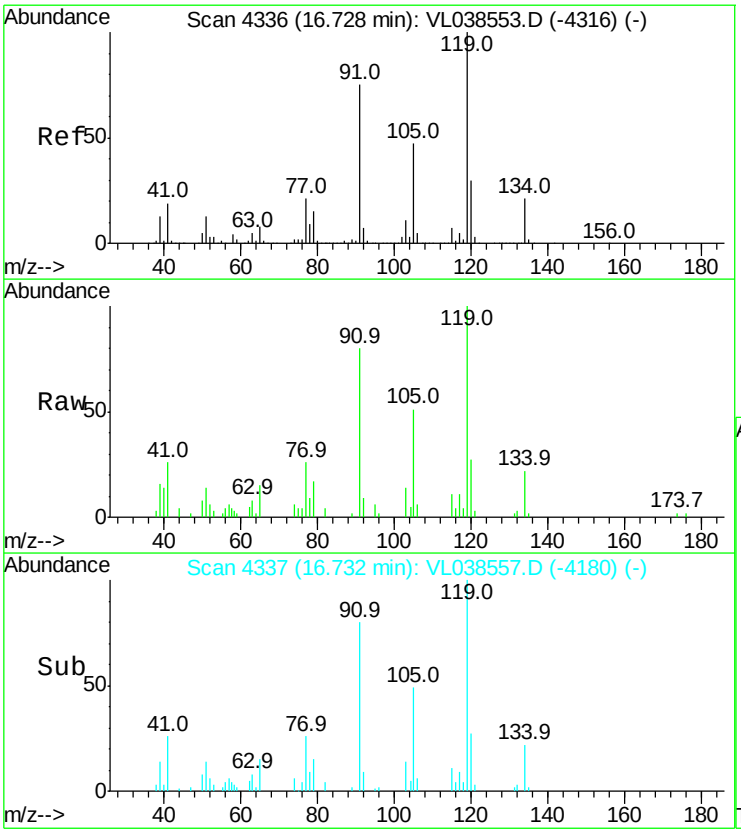
#64
n-propylbenzene
Concen: 0.07 ppbv
RT: 15.55
Delta R.T
Lab File:
Acq: 8 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:120 Resp: 5367

Ion	Ratio	Lower	Upper
120	100		
91	722.4	374.2	561.2#

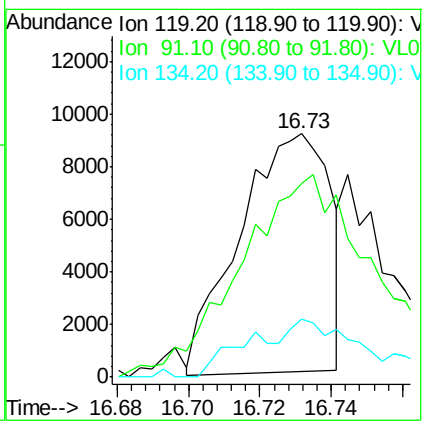


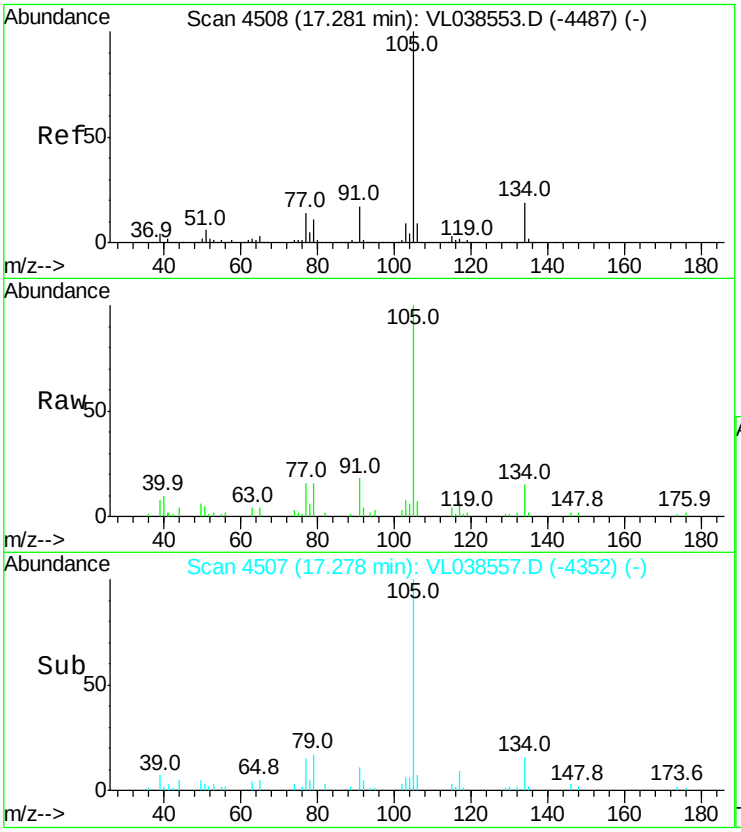


#65
tert-Butylbenzene
Concen: 0.06 ppbv
RT: 16.73 min Scan# 4337
Delta R.T. 0.00 min
Lab File: VL038557.D
Acq: 8 Mar 2022 13:40

Tgt Ion:119 Resp: 15995

Ion	Ratio	Lower	Upper
119	100		
91	139.5	61.2	91.8#
134	32.5	16.2	24.2#



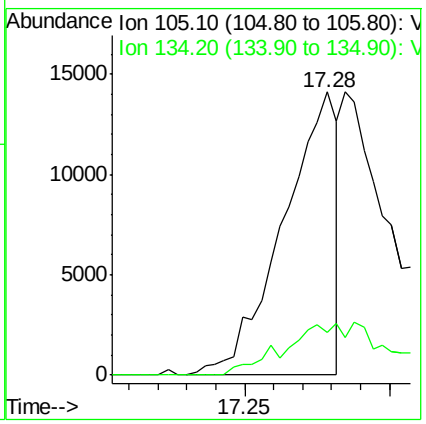


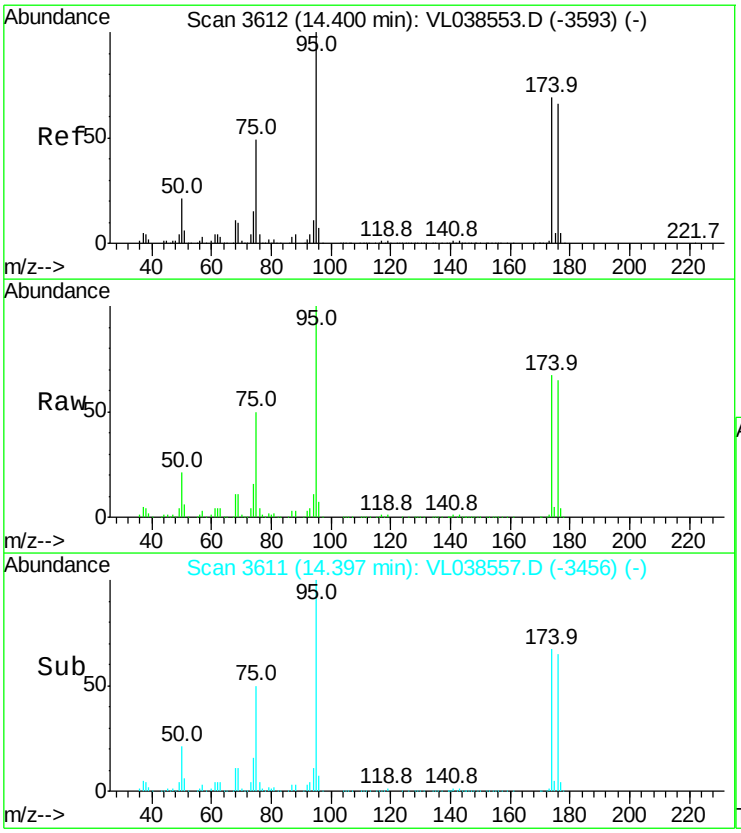
#67
sec-Butylbenzene
Concen: 0.05 ppbv
RT: 17.28
Delta R.T
Lab File:
Acq: 8 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:105 Resp: 18254

Ion	Ratio	Lower	Upper
105	100		
134	0.0	15.0	22.6#

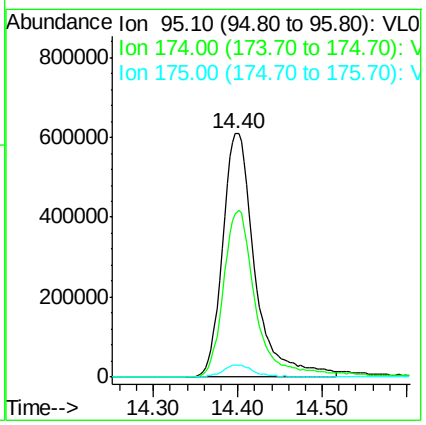


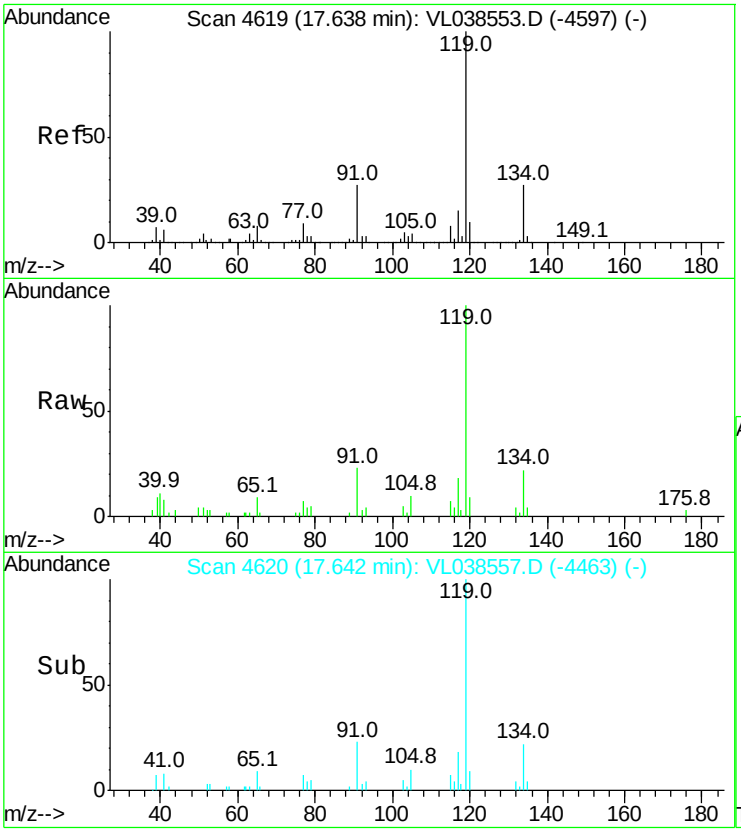


#68
1-Bromo-4-Fluorobenzene
Concen: 9.35 ppbv
RT: 14.40 min Scan# 3611
Delta R.T. -0.00 min
Lab File: VL038557.D
Acq: 8 Mar 2022 13:40

Tgt Ion: 95 Resp: 1624097

Ion	Ratio	Lower	Upper
95	100		
174	70.6	56.2	84.4
175	5.2	4.2	6.2



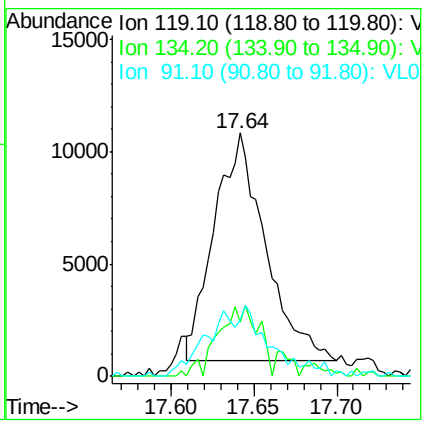


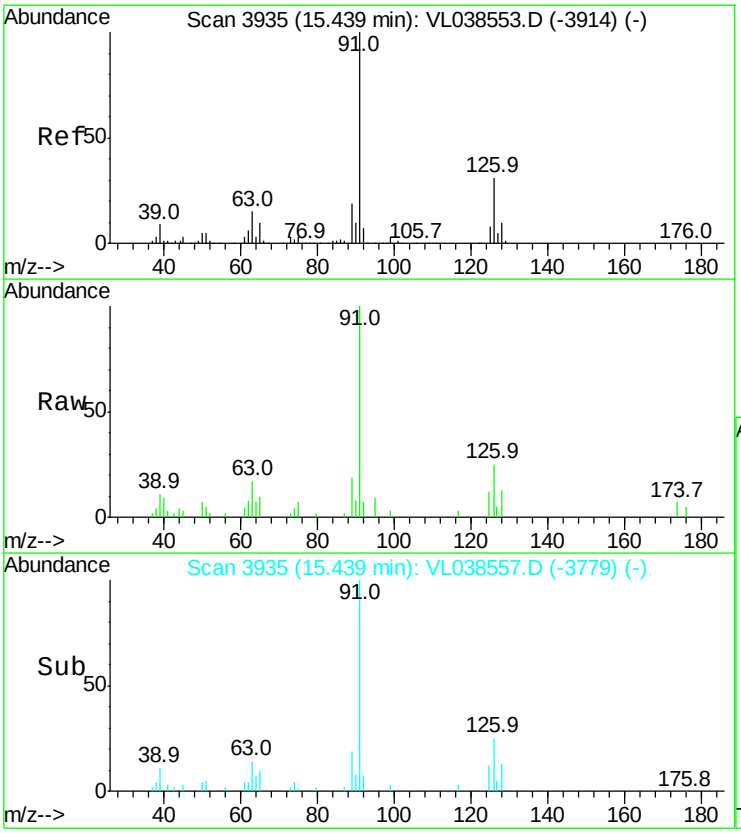
#69
p-Isopropyltoluene
Concen: 0.07 ppbv
RT: 17.64
Delta R.T
Lab File:
Acq: 8 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:119 Resp: 21586

Ion	Ratio	Lower	Upper
119	100		
134	31.3	20.9	31.3
91	37.2	21.1	31.7#

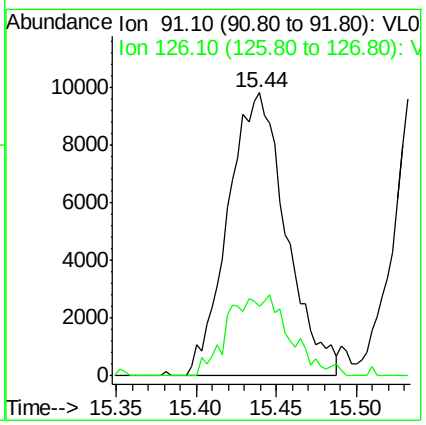


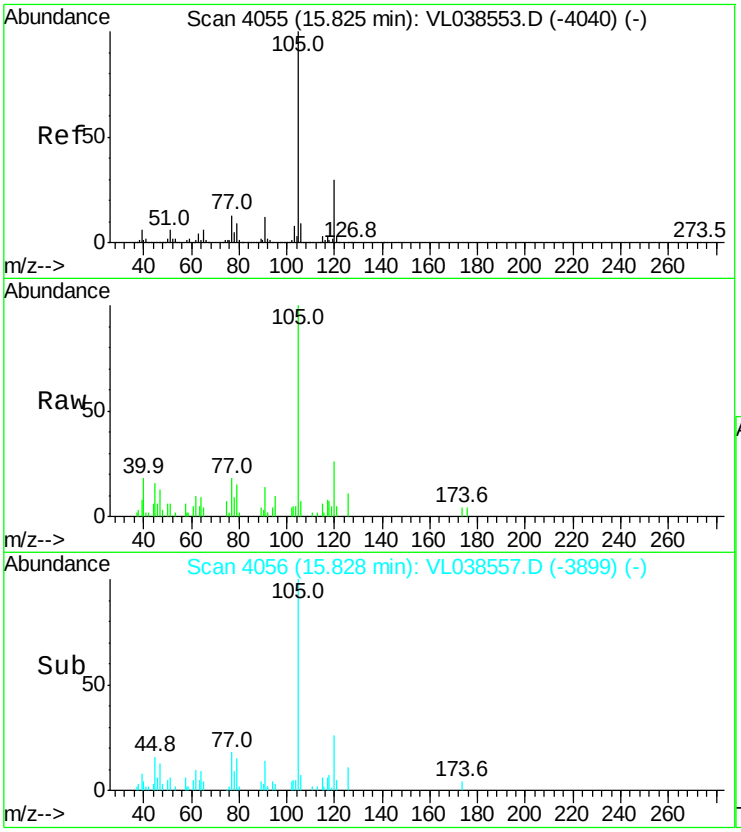


#71
2-Chlorotoluene
Concen: 0.10 ppbv
RT: 15.44 min Scan# 3935
Delta R.T. 0.00 min
Lab File: VL038557.D
Acq: 8 Mar 2022 13:40

Tgt Ion: 91 Resp: 24649

Ion	Ratio	Lower	Upper
91	100		
126	30.3	12.9	51.7



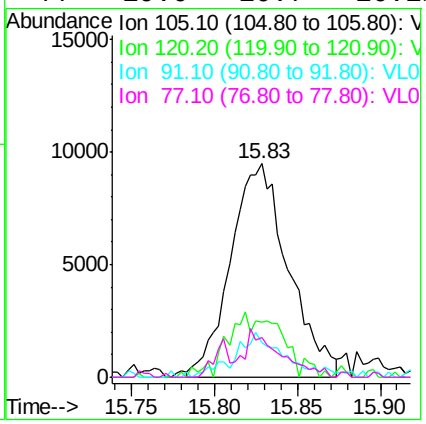


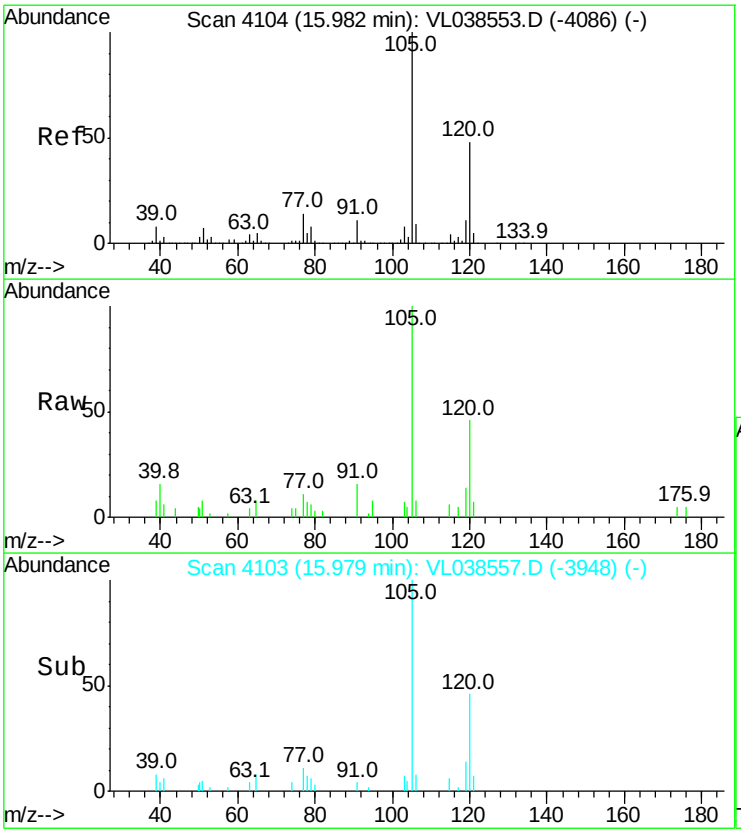
#72
4-Ethyltoluene
Concen: 0.09 ppbv
RT: 15.83
Delta R.T
Lab File:
Acq: 8 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:105 Resp: 22972

Ion	Ratio	Lower	Upper
105	100		
120	30.9	25.0	37.4
91	19.6	9.8	14.6#
77	19.0	10.7	16.1#

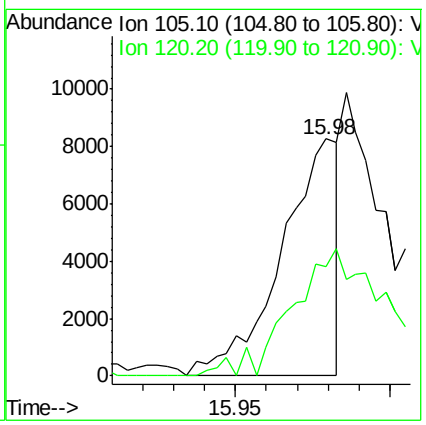


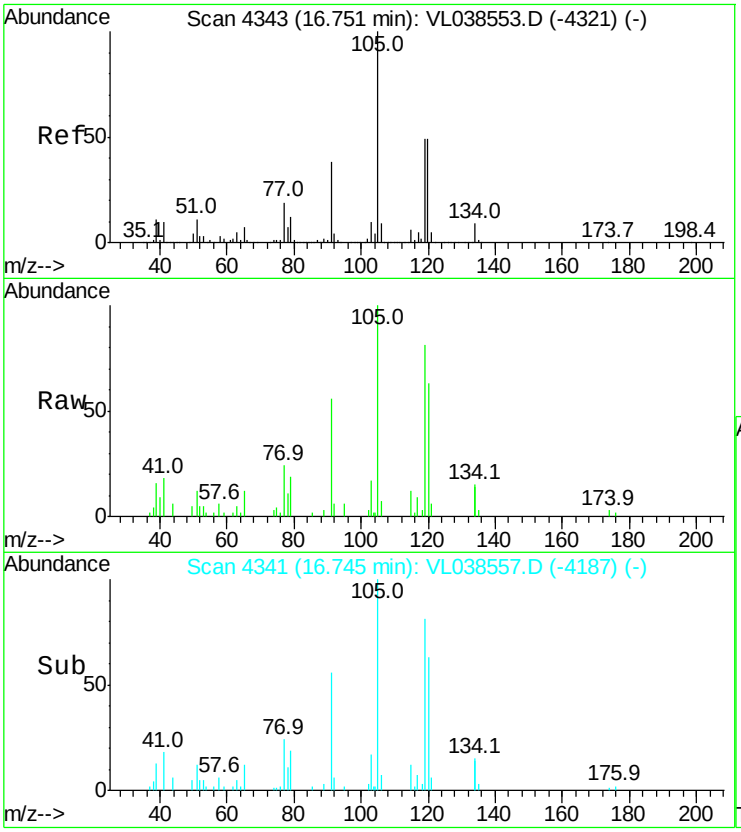


#73
1,3,5-Trimethylbenzene
Concen: 0.04 ppbv
RT: 15.98 min Scan# 4103
Delta R.T. -0.00 min
Lab File: VL038557.D
Acq: 8 Mar 2022 13:40

Tgt Ion:105 Resp: 10491

Ion	Ratio	Lower	Upper
105	100		
120	52.8	38.3	57.5



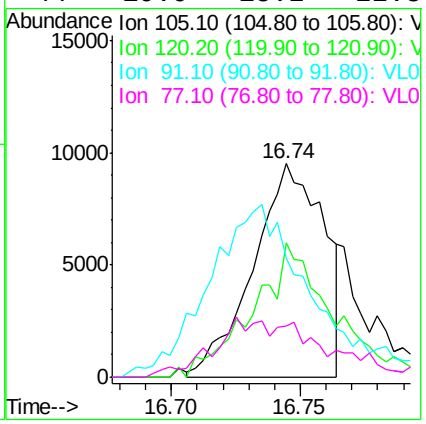


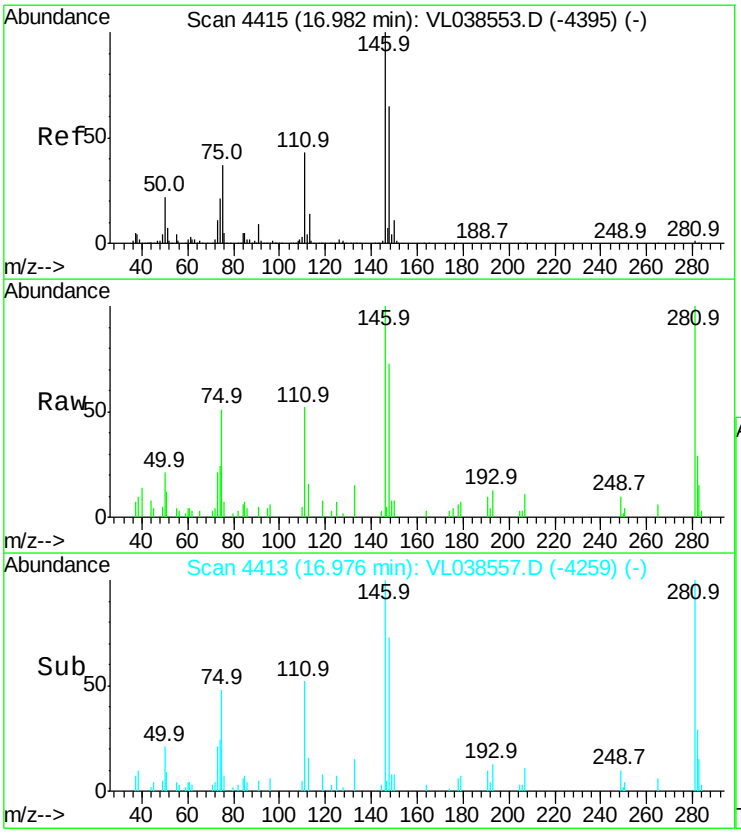
#74
1,2,4-Trimethylbenzene
Concen: 0.07 ppbv
RT: 16.74
Delta R.T
Lab File:
Acq: 8 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:105 Resp: 18152

Ion	Ratio	Lower	Upper
105	100		
120	70.0	38.9	58.3#
91	33.3	30.6	46.0
77	19.9	15.2	22.8

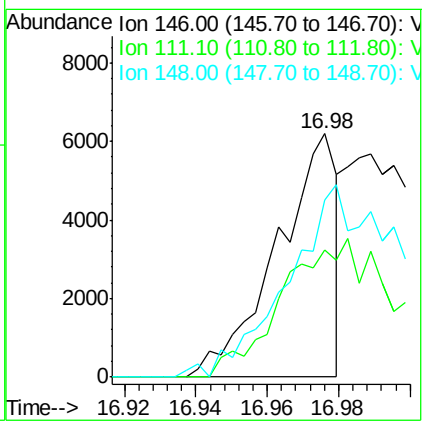


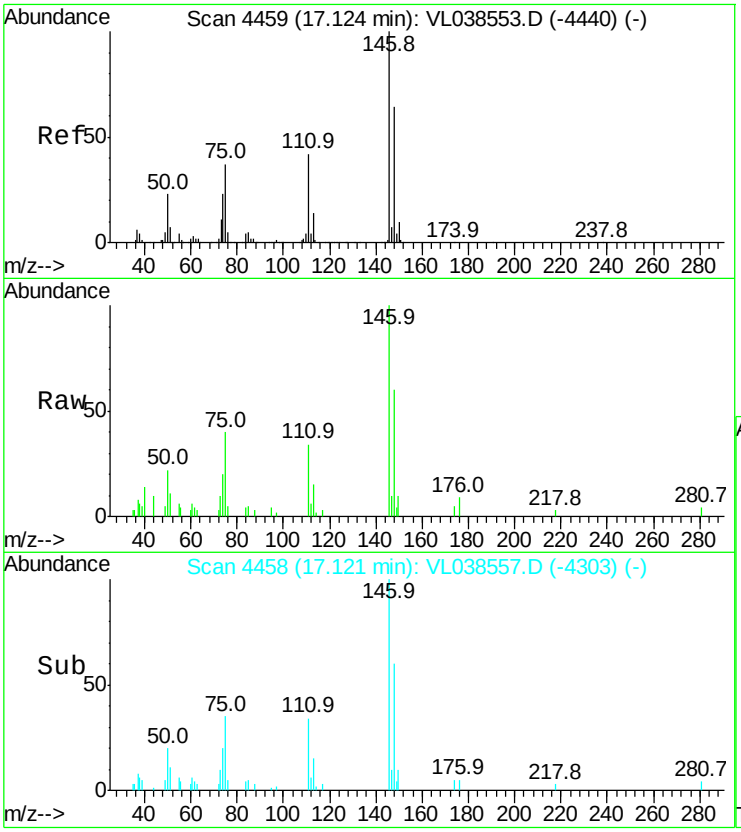


#75
1,3-Dichlorobenzene
Concen: 0.05 ppbv
RT: 16.98 min Scan# 4413
Delta R.T. -0.01 min
Lab File: VL038557.D
Acq: 8 Mar 2022 13:40

Tgt Ion:146 Resp: 7177

Ion	Ratio	Lower	Upper
146	100		
111	119.7	21.9	65.8#
148	174.7	32.2	96.6#



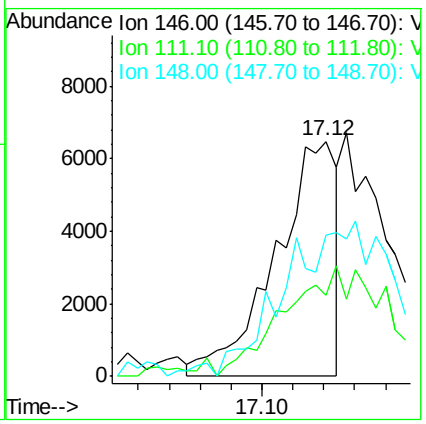


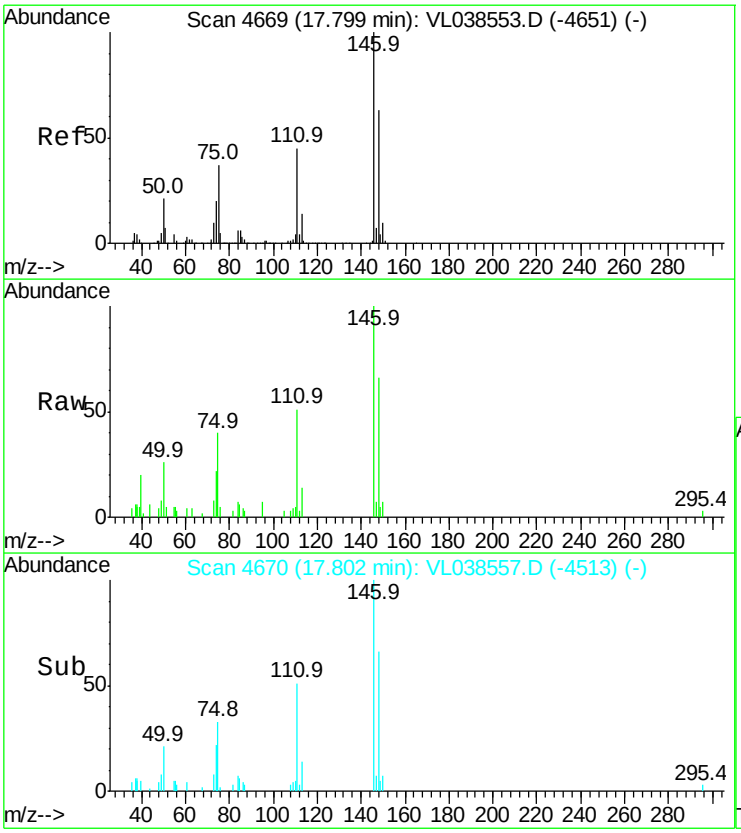
#76
1,4-Dichlorobenzene
Concen: 0.07 ppbv
RT: 17.12
Delta R.T
Lab File:
Acq: 8 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:146 Resp: 8884

Ion	Ratio	Lower	Upper
146	100		
111	0.0	21.8	65.3#
148	0.0	32.8	98.4#

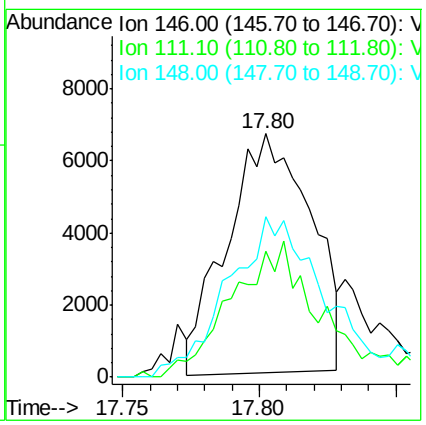


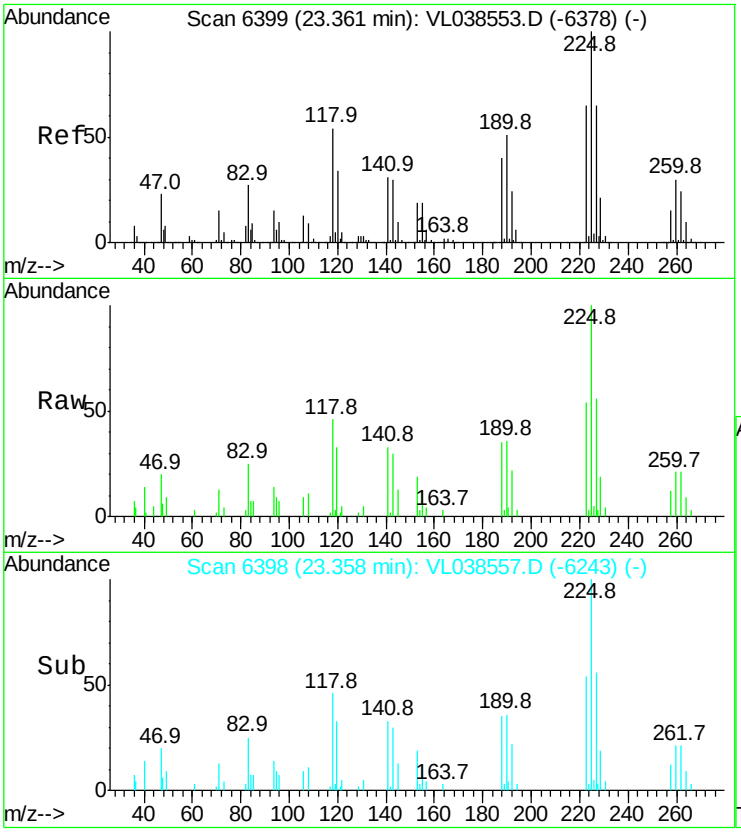


#77
1,2-Dichlorobenzene
Concen: 0.11 ppbv
RT: 17.80 min Scan# 4670
Delta R.T. 0.00 min
Lab File: VL038557.D
Acq: 8 Mar 2022 13:40

Tgt Ion:146 Resp: 14166

Ion	Ratio	Lower	Upper
146	100		
111	61.2	23.2	69.5
148	80.7	32.6	98.0





#78
Hexachloro-1,3-Butadiene
Concen: 0.06 ppbv
RT: 23.36
Delta R.T
Lab File:
Acq: 8 Mar 2022 13:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:225 Resp: 6005

Ion	Ratio	Lower	Upper
225	100		
223	0.0	51.4	77.0#
227	0.0	51.9	77.9#