Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032222\
Data File : VL038704.D
Acq On : 23 Mar 2022 4:20
Operator : SY/AP
Sample : N2046-02DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BFB

Quant Time: Mar 23 07:07:19 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 21 17:09:26 2022
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.65	49	764923	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.15	114	2167175	10.00	ppbv		-0.01
55) Chlorobenzene-d5	12.06	117	1912201	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.39	95	1372479	9.36	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 93.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	6138	0.06	ppbv	#	82
3) Chlorodifluoromethane	2.99	51	2690	0.03	ppbv	#	87
9) Propene	3.01	41	12305	0.32	ppbv		91
13) Ethanol	3.60	45	8099	1.88	ppbv	#	42
15) Acetone	3.85	43	127333	1.93	ppbv	#	85
16) 1,3-Butadiene	3.30	39	15006	0.40	ppbv	#	13
17) tert-Butyl alcohol	4.30	59	2599	0.05	ppbv	#	75
20) Methylene Chloride	4.34	84	2006	0.07	ppbv		88
23) Vinyl Acetate	5.06	43	2265	0.04	ppbv	#	60
26) Hexane	5.66	57	2221	0.03	ppbv	#	1
30) Cyclohexane	7.13	84	1757	0.03	ppbv	#	2
34) 2-Butanone	5.24	43	141760	1.65	ppbv		94
39) 1,2-Dichloropropane	7.15	63	466877	7.14	ppbv	#	28
52) Tetrachloroethene	11.20	164	86589	1.41	ppbv		93
53) Toluene	9.78	91	7505	0.04	ppbv	#	49
75) 1,3-Dichlorobenzene	16.97	146	6322	0.05	ppbv	#	1

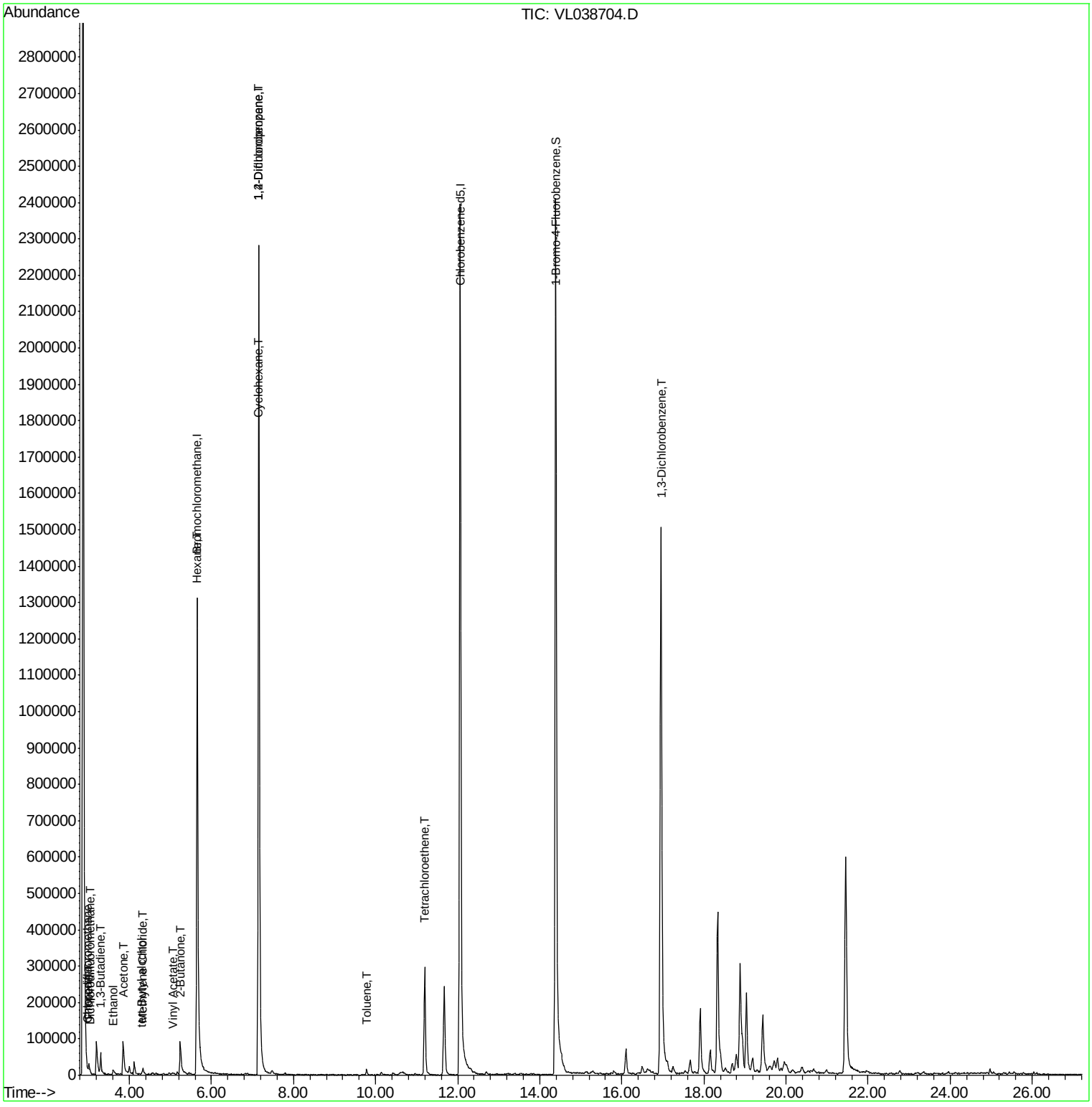
(#) = qualifier out of range (m) = manual integration (+) = signals summed

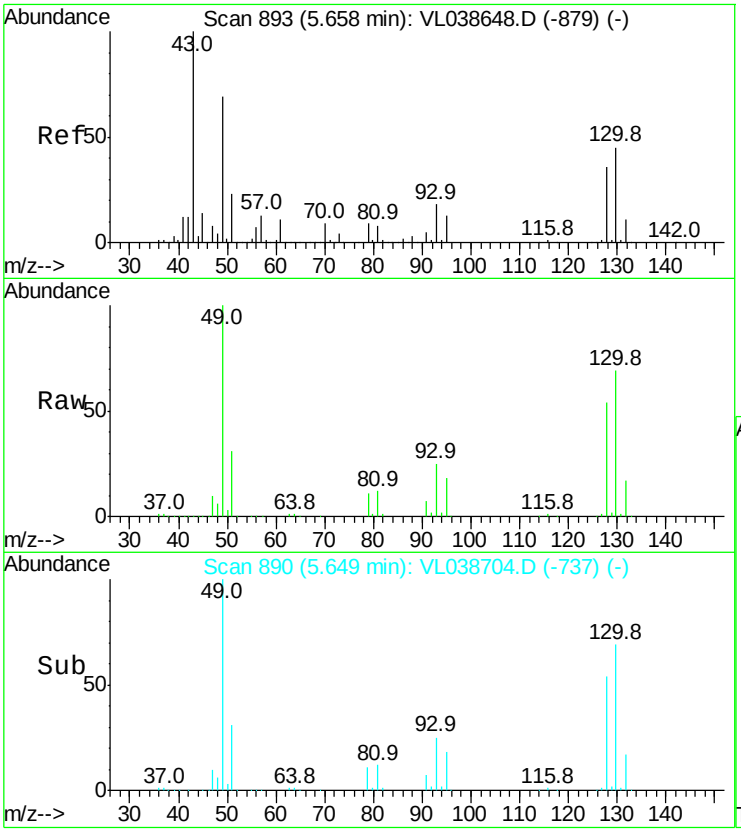
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032222\
Data File : VL038704.D
Acq On : 23 Mar 2022 4:20
Operator : SY/AP
Sample : N2046-02DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
BFB

Quant Time: Mar 23 07:07:19 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 21 17:09:26 2022
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration



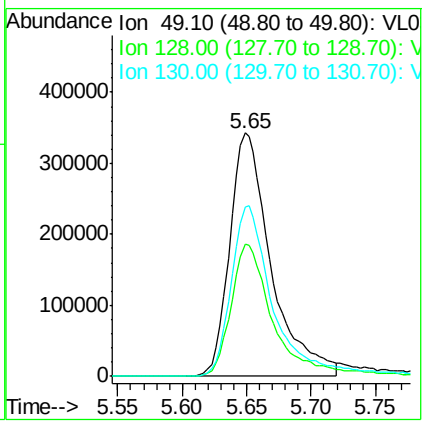


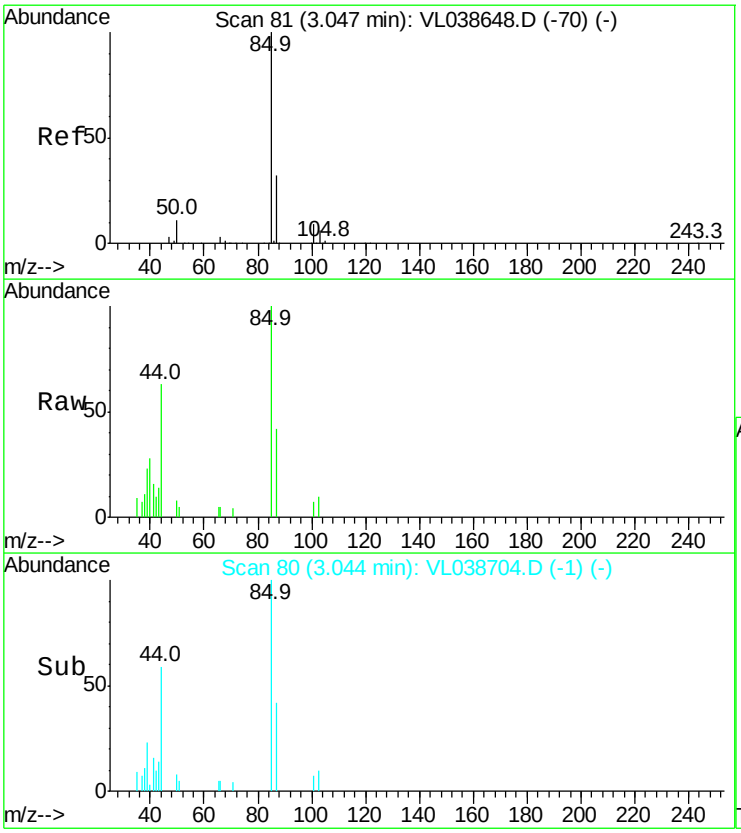
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 23 Mar 2022 4:20

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 49 Resp: 764923

Ion	Ratio	Lower	Upper
49	100		
128	57.5	26.2	78.6
130	73.9	33.7	101.1

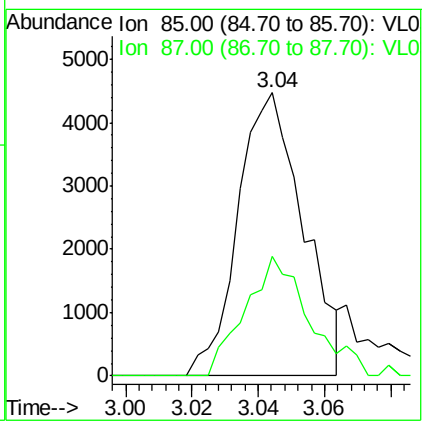


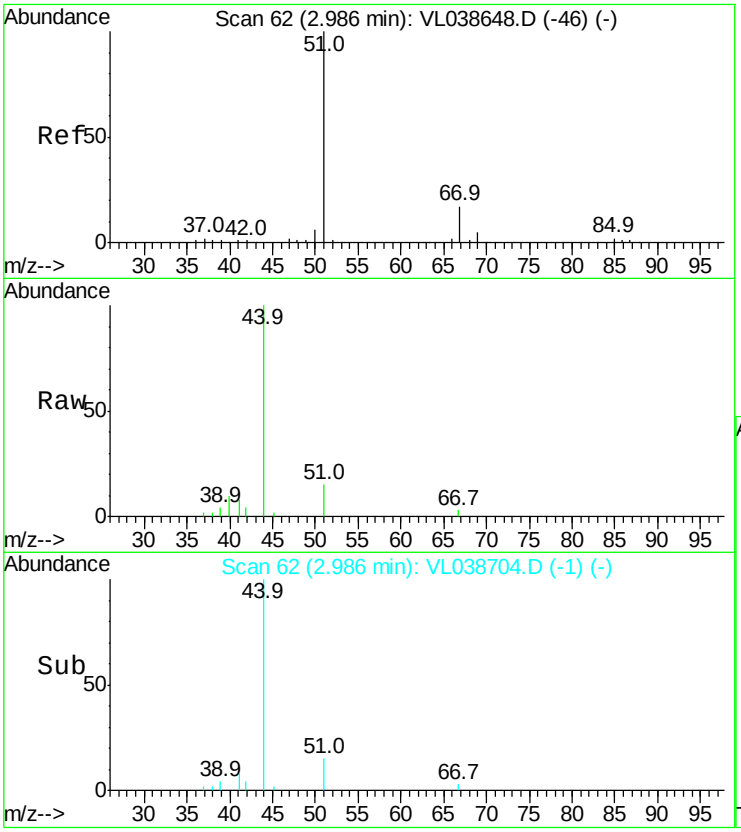


#2
Dichlorodifluoromethane
Concen: 0.06 ppbv
RT: 3.04 min Scan# 80
Delta R.T. -0.00 min
Lab File: VL038704.D
Acq: 23 Mar 2022 4:20

Tgt Ion: 85 Resp: 6138

Ion	Ratio	Lower	Upper
85	100		
87	42.4	26.0	39.0#



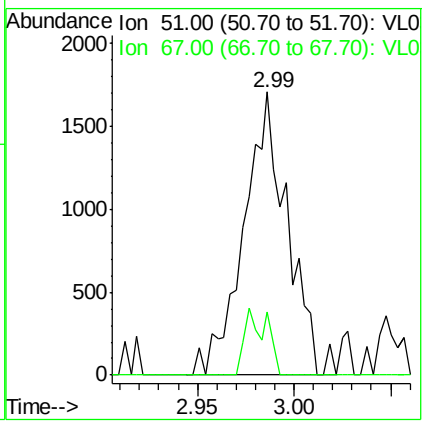


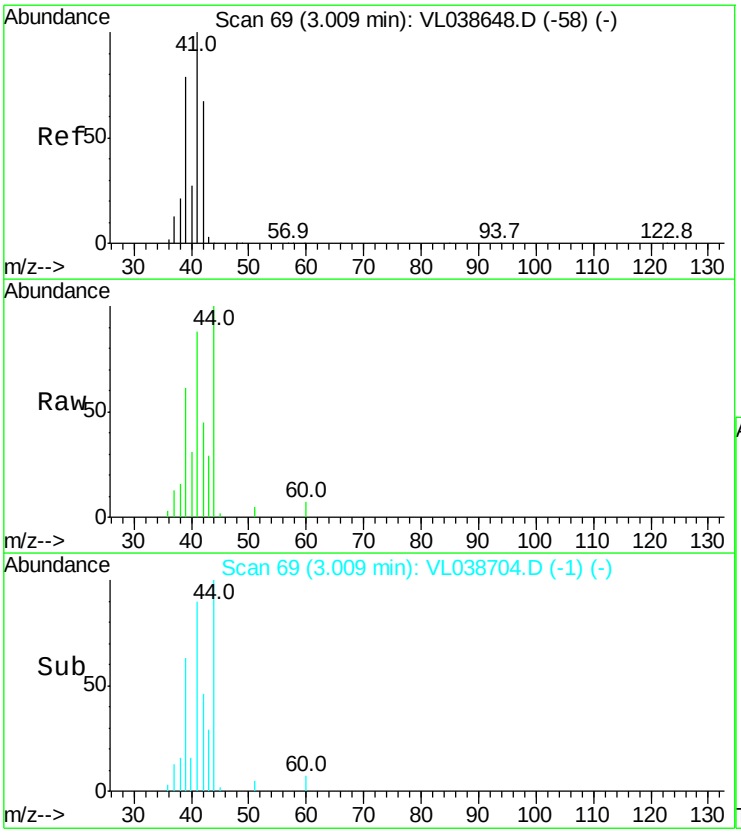
#3
Chlorodifluoromethane
Concen: 0.03 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 23 Mar 2022 4:20

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 51 Resp: 2690

Ion	Ratio	Lower	Upper
51	100		
67	11.8	14.1	21.1#

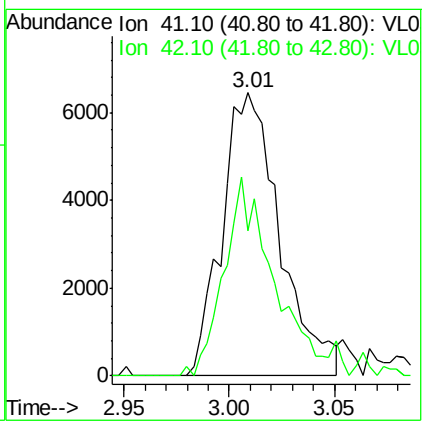


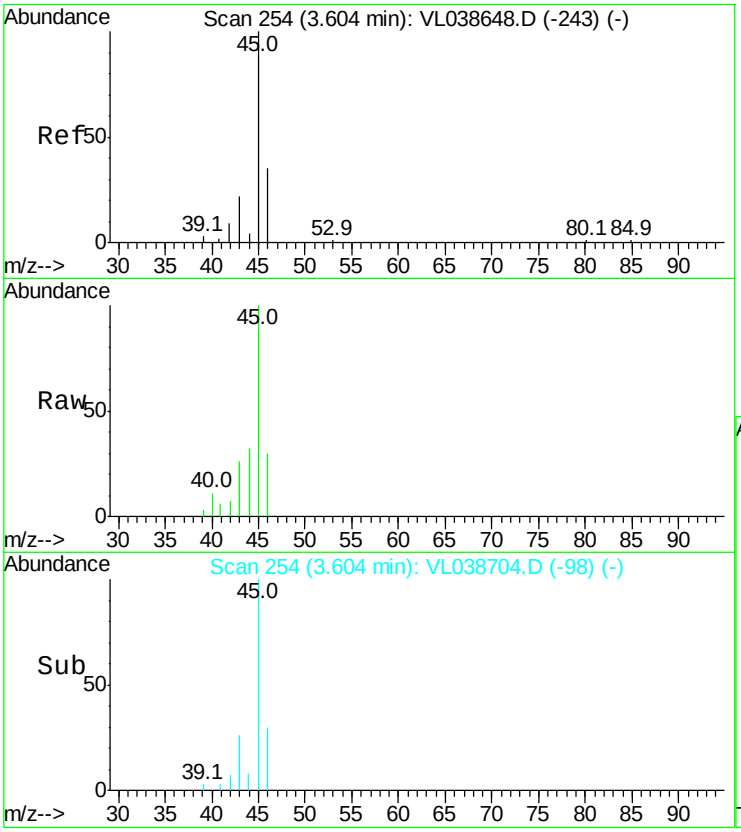


#9
Propene
Concen: 0.32 ppbv
RT: 3.01 min Scan# 69
Delta R.T. 0.00 min
Lab File: VL038704.D
Acq: 23 Mar 2022 4:20

Tgt Ion: 41 Resp: 12305

Ion	Ratio	Lower	Upper
41	100		
42	62.9	56.2	84.4



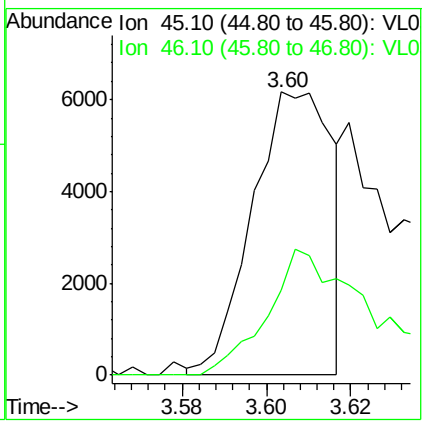


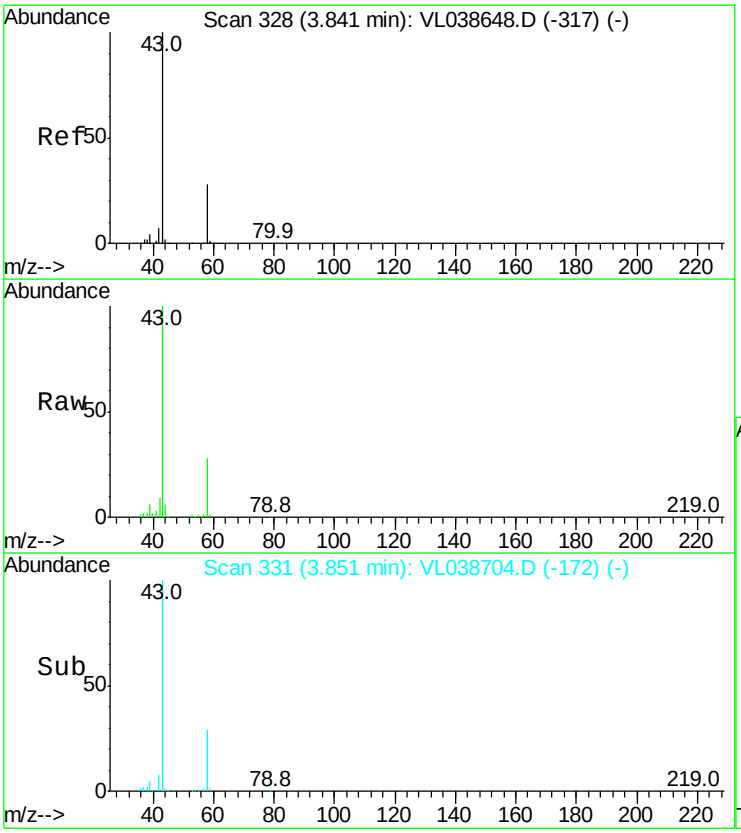
#13
Ethanol
Concen: 1.88 ppbv
RT: 3.60
Delta R.T
Lab File:
Acq: 23 Mar 2022 4:20

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 45 Resp: 8099

Ion	Ratio	Lower	Upper
45	100		
46	72.4	15.1	60.5#

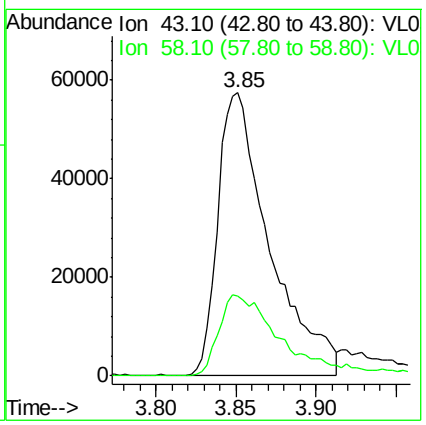


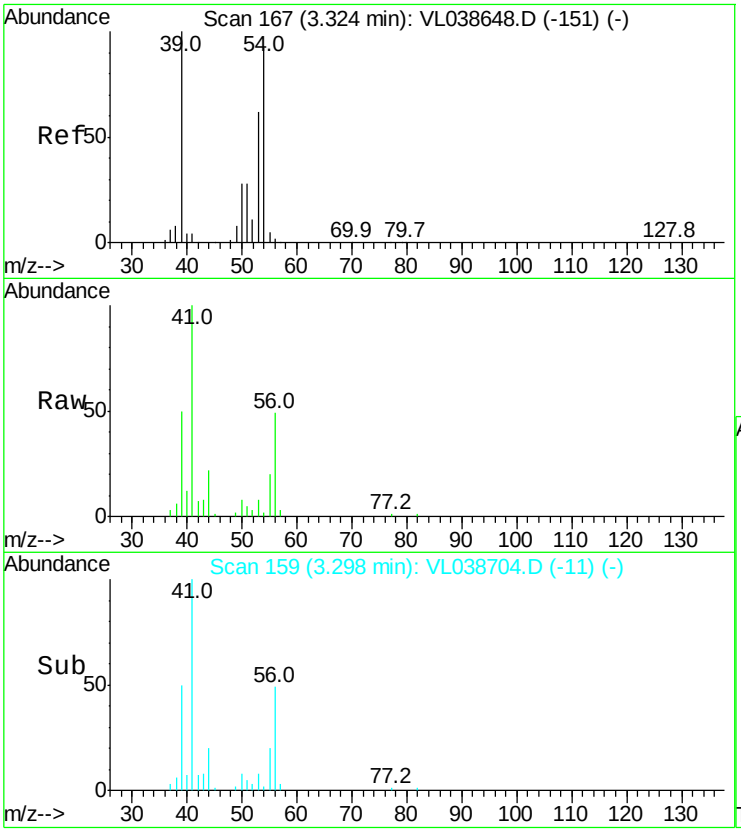


#15
Acetone
Concen: 1.93 ppbv
RT: 3.85 min Scan# 331
Delta R.T. 0.01 min
Lab File: VL038704.D
Acq: 23 Mar 2022 4:20

Tgt Ion: 43 Resp: 127333

Ion	Ratio	Lower	Upper
43	100		
58	37.0	23.3	34.9#



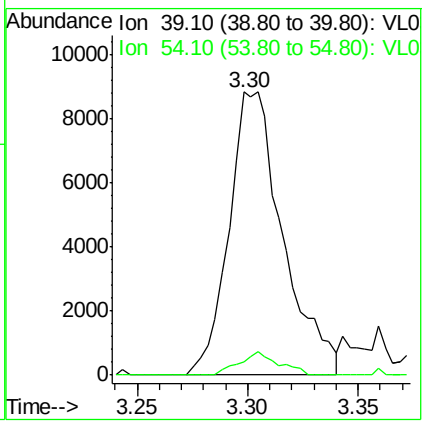


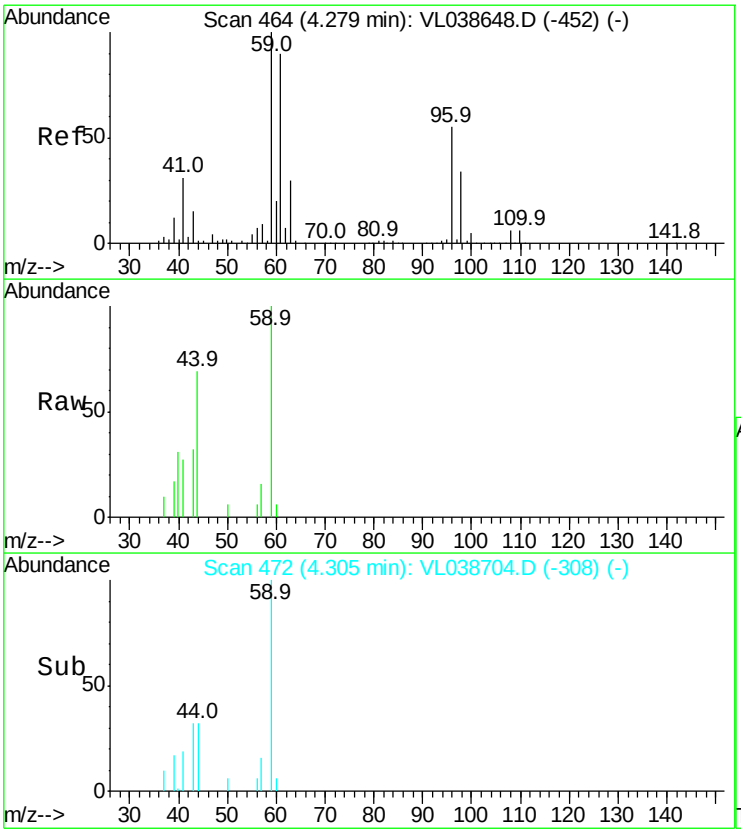
#16
1,3-Butadiene
Concen: 0.40 ppbv
RT: 3.30
Delta R.T
Lab File:
Acq: 23 Mar 2022 4:20

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 39 Resp: 15006

Ion	Ratio	Lower	Upper
39	100		
54	6.1	69.1	103.7#

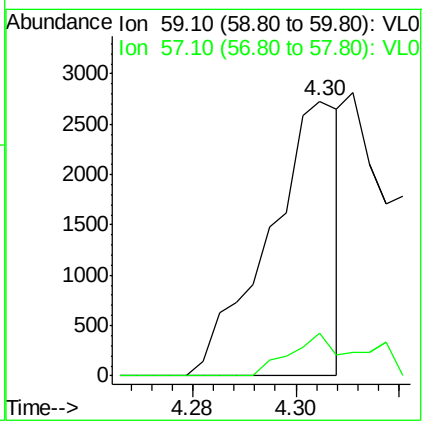


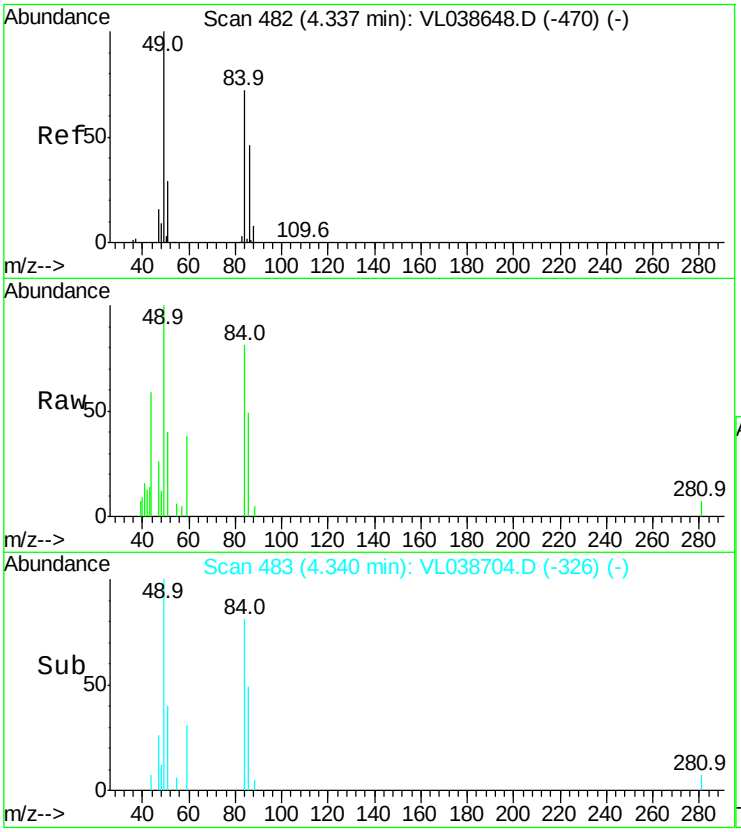


#17
tert-Butyl alcohol
Concen: 0.05 ppbv
RT: 4.30 min Scan# 472
Delta R.T. 0.03 min
Lab File: VL038704.D
Acq: 23 Mar 2022 4:20

Tgt Ion: 59 Resp: 2599

Ion	Ratio	Lower	Upper
59	100		
57	19.4	8.2	12.2#



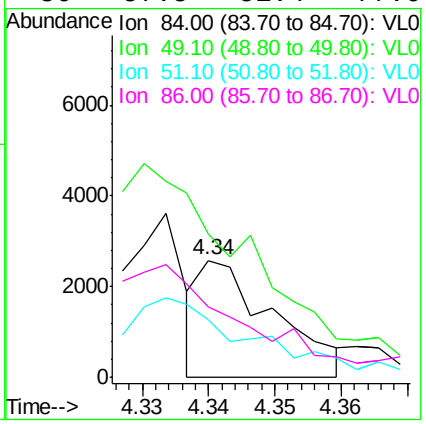


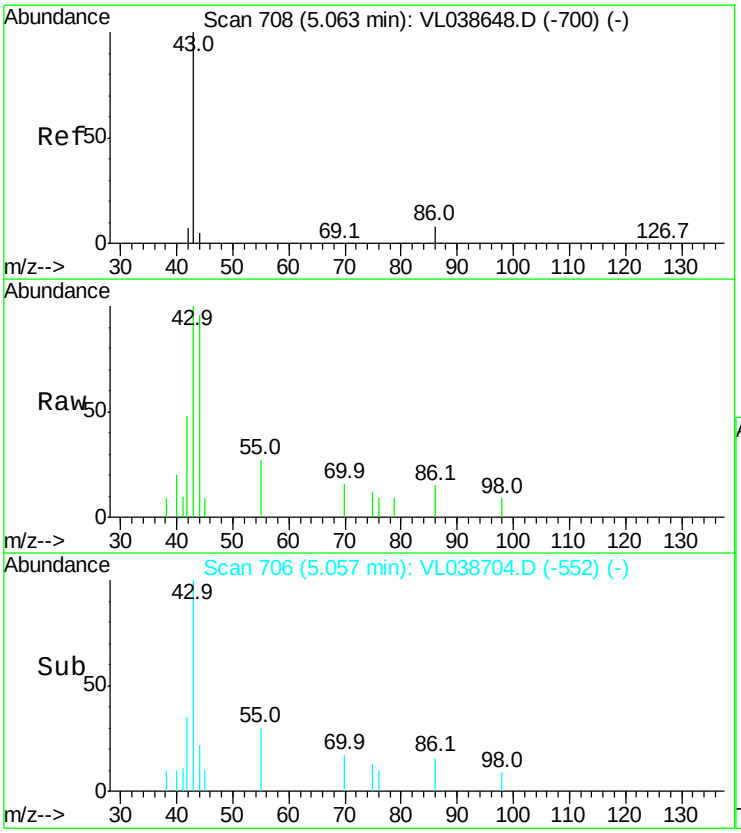
#20
Methylene Chloride
Concen: 0.07 ppbv
RT: 4.34
Delta R.T
Lab File:
Acq: 23 Mar 2022 4:20

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 84 Resp: 2006

Ion	Ratio	Lower	Upper
84	100		
49	119.9	111.2	166.8
51	43.5	32.8	49.2
86	57.5	51.4	77.0

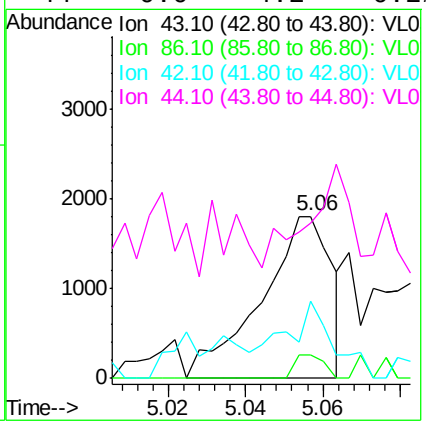


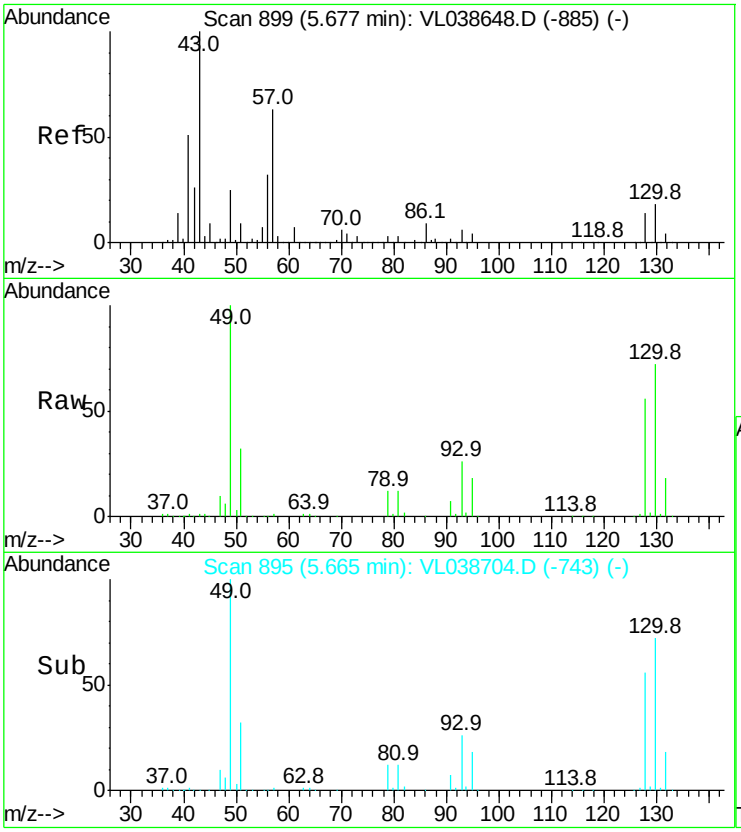


#23
Vinyl Acetate
Concen: 0.04 ppbv
RT: 5.06 min Scan# 706
Delta R.T. -0.01 min
Lab File: VL038704.D
Acq: 23 Mar 2022 4:20

Tgt Ion: 43 Resp: 2265

Ion	Ratio	Lower	Upper
43	100		
86	14.5	5.6	8.4#
42	33.8	6.8	10.2#
44	0.0	4.2	6.2#



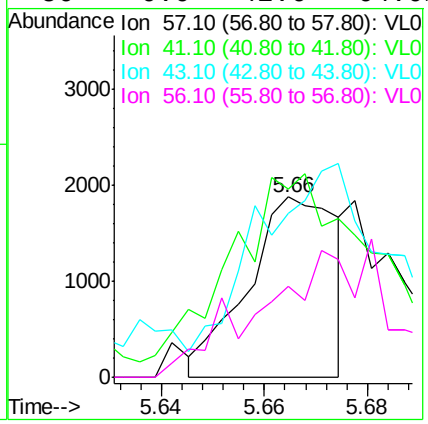


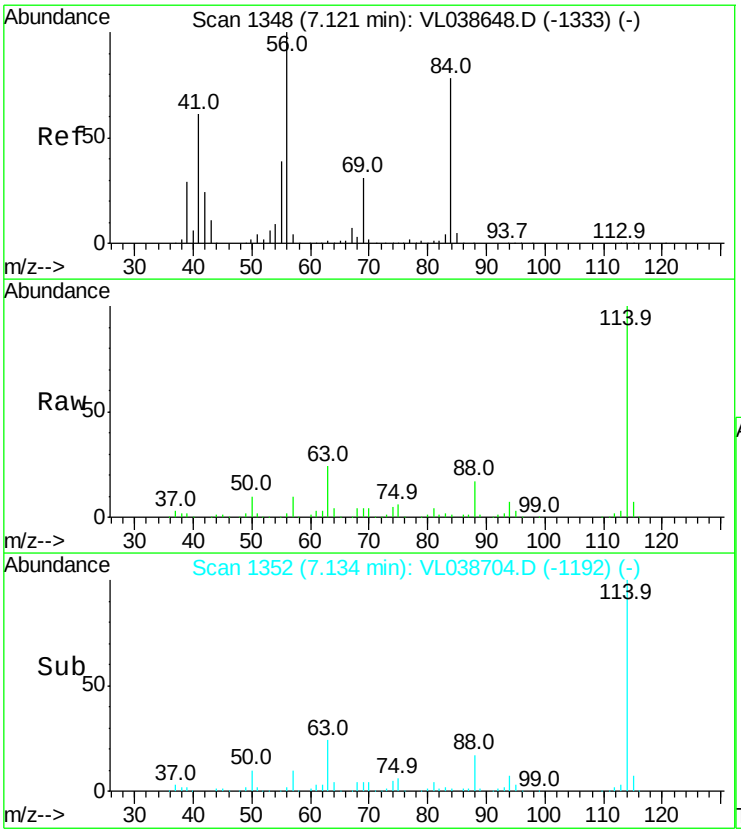
#26
Hexane
Concen: 0.03 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 23 Mar 2022 4:20

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 57 Resp: 2221

Ion	Ratio	Lower	Upper
57	100		
41	214.5	67.0	100.4#
43	0.0	184.2	276.2#
56	0.0	42.6	64.0#

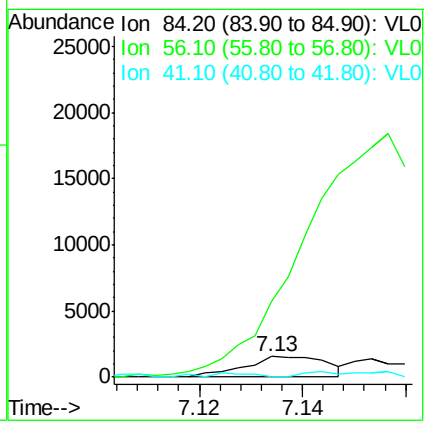


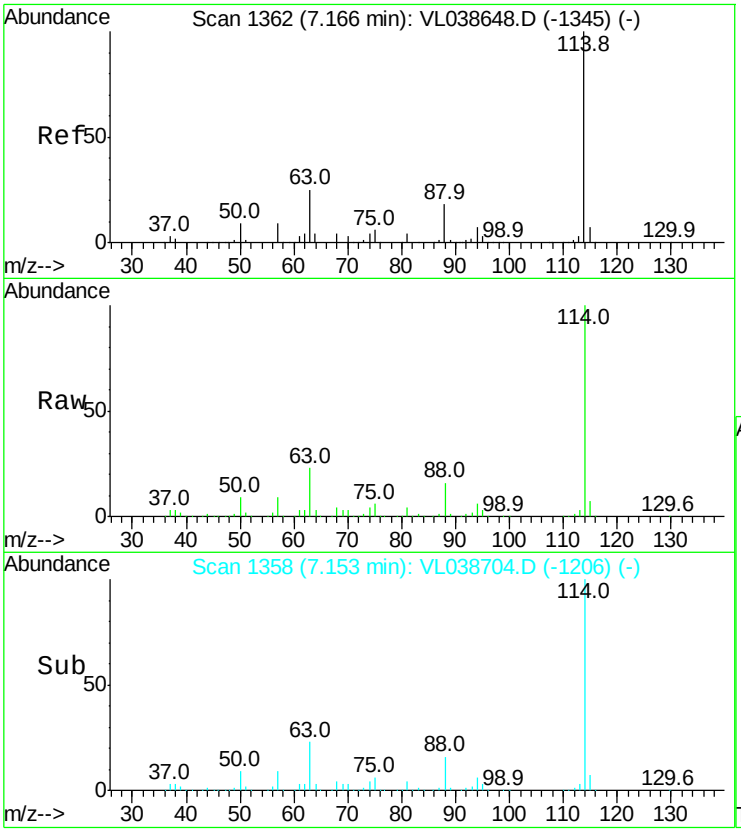


#30
Cyclohexane
Concen: 0.03 ppbv
RT: 7.13 min Scan# 1352
Delta R.T. 0.01 min
Lab File: VL038704.D
Acq: 23 Mar 2022 4:20

Tgt Ion: 84 Resp: 1757

Ion	Ratio	Lower	Upper
84	100		
56	0.0	108.2	162.4#
41	16.4	61.8	92.6#



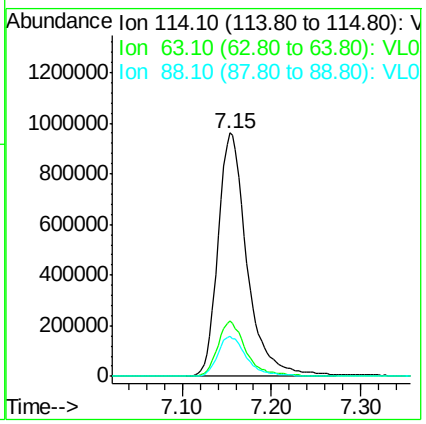


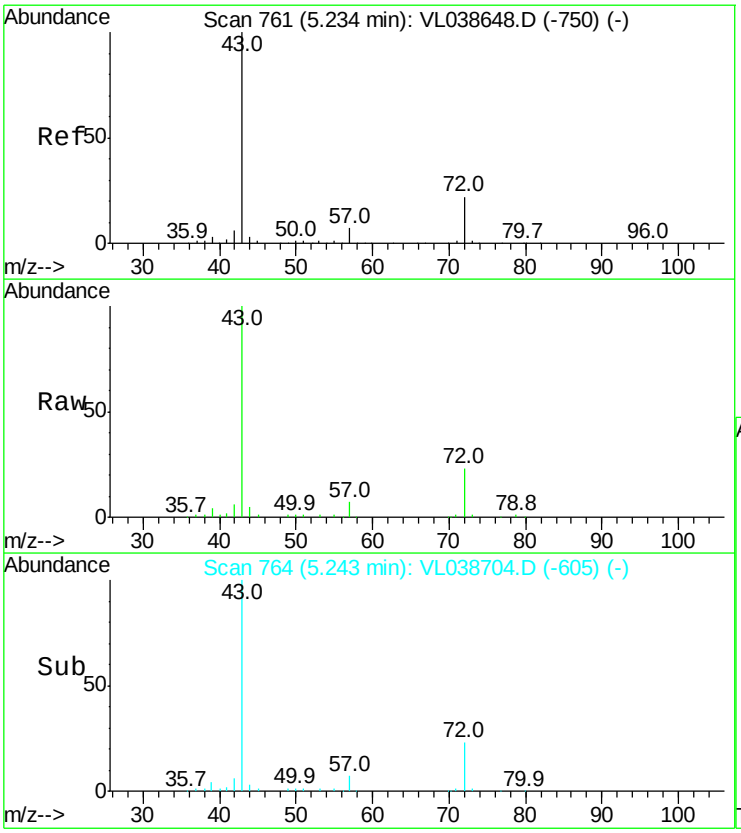
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.15
Delta R.T
Lab File:
Acq: 23 Mar 2022 4:20

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:114 Resp: 2167175

Ion	Ratio	Lower	Upper
114	100		
63	22.4	19.4	29.0
88	16.6	13.9	20.9

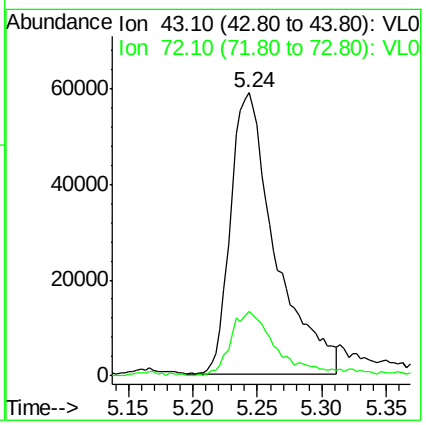


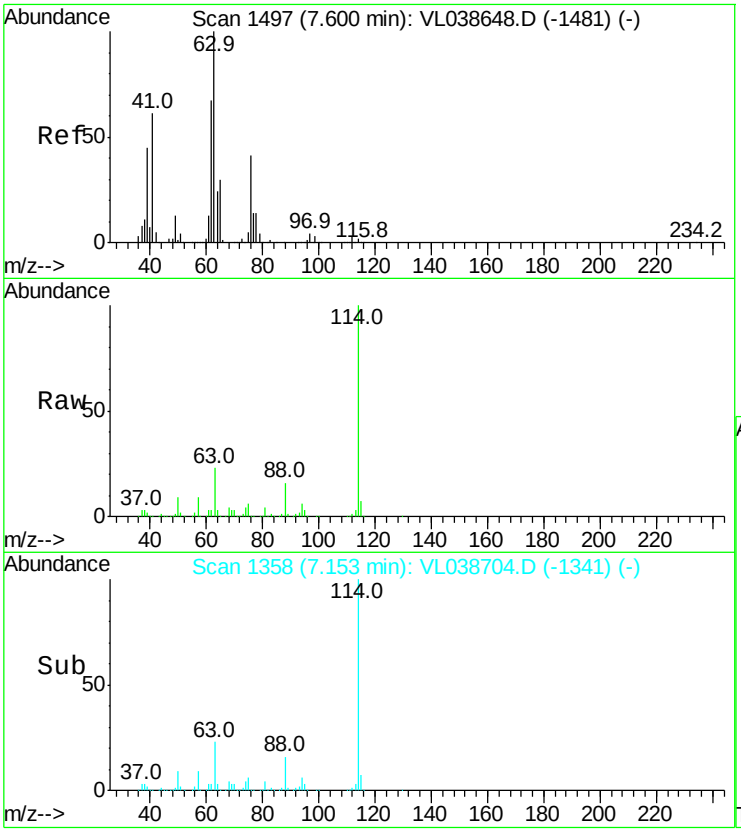


#34
2-Butanone
Concen: 1.65 ppbv
RT: 5.24 min Scan# 764
Delta R.T. 0.01 min
Lab File: VL038704.D
Acq: 23 Mar 2022 4:20

Tgt Ion: 43 Resp: 141760

Ion	Ratio	Lower	Upper
43	100		
72	24.9	17.8	26.8



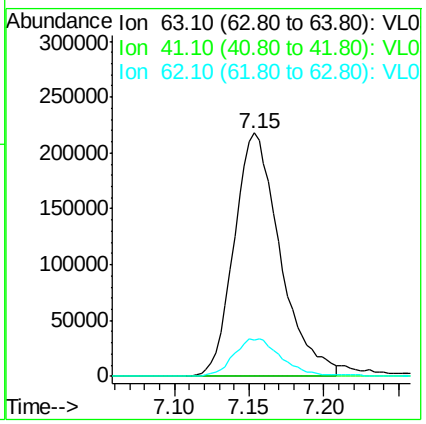


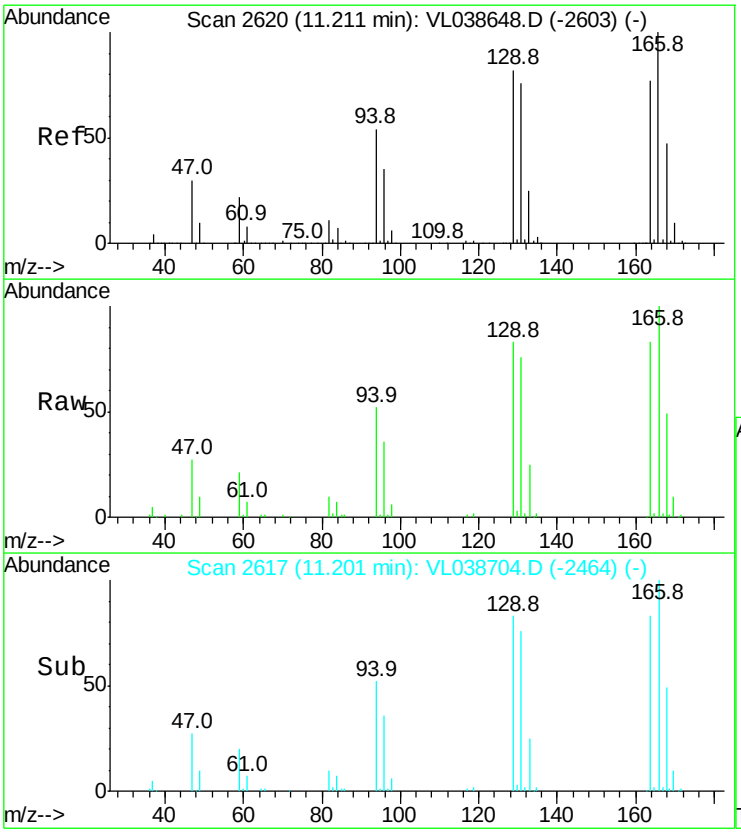
#39
1,2-Dichloropropane
Concen: 7.14 ppbv
RT: 7.15
Delta R.T
Lab File:
Acq: 23 Mar 2022 4:20

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 63 Resp: 466877

Ion	Ratio	Lower	Upper
63	100		
41	0.2	49.0	73.6#
62	14.8	53.9	80.9#

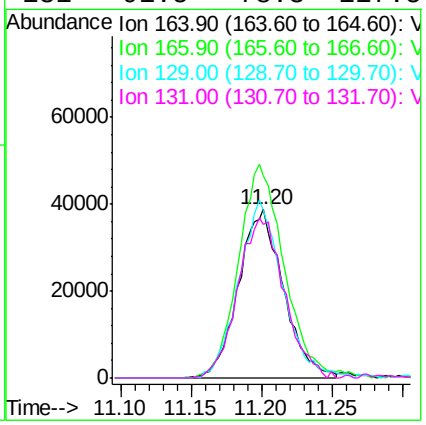


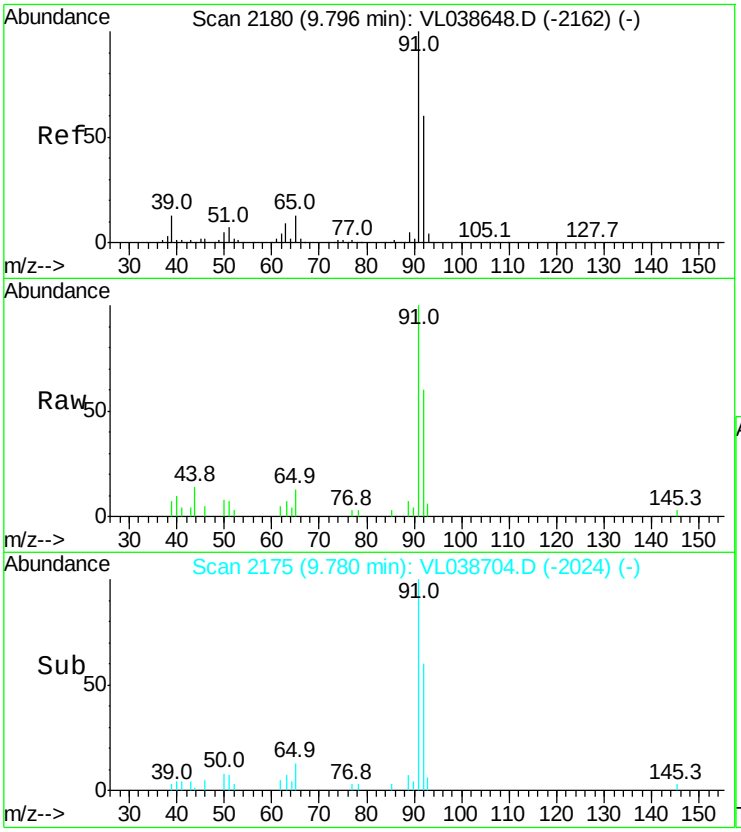


#52
Tetrachloroethene
Concen: 1.41 ppbv
RT: 11.20 min Scan# 2617
Delta R.T. -0.01 min
Lab File: VL038704.D
Acq: 23 Mar 2022 4:20

Tgt Ion:164 Resp: 86589

Ion	Ratio	Lower	Upper
164	100		
166	119.3	103.3	154.9
129	99.3	85.2	127.8
131	91.5	78.3	117.5



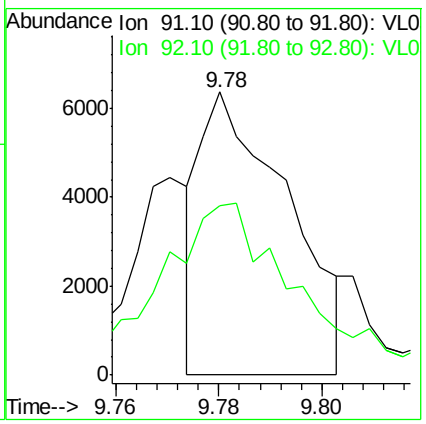


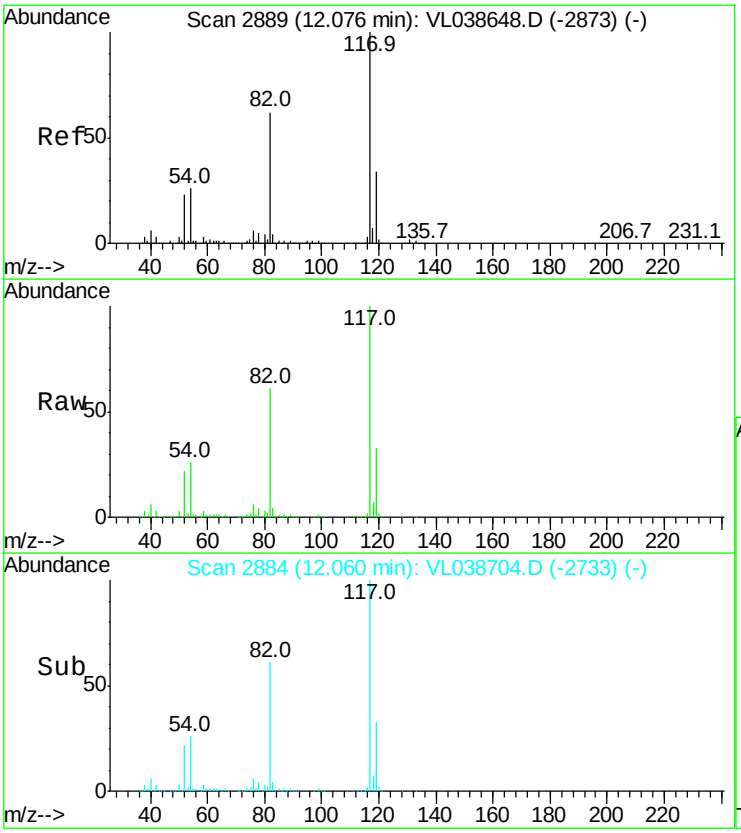
#53
Toluene
Concen: 0.04 ppbv
RT: 9.78
Delta R.T
Lab File:
Acq: 23 Mar 2022 4:20

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 91 Resp: 7505

Ion	Ratio	Lower	Upper
91	100		
92	100.0	48.7	73.1#

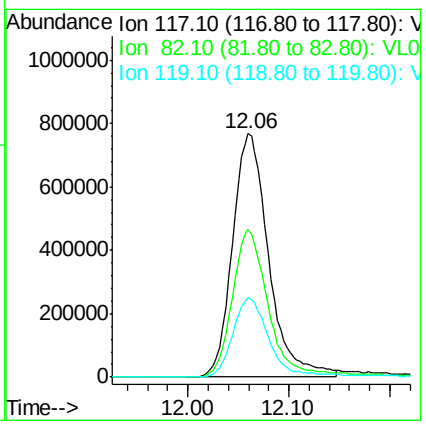


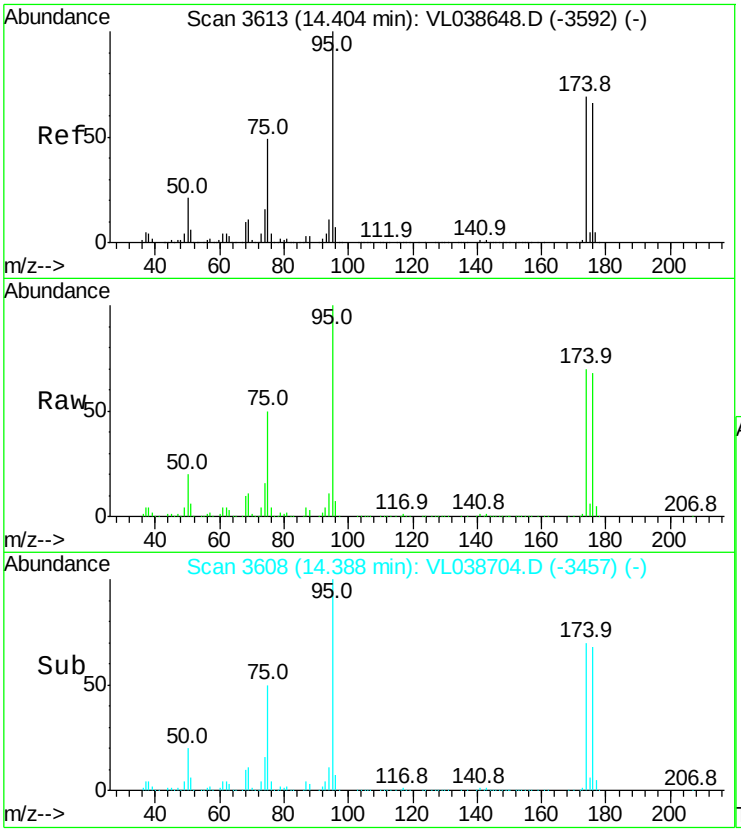


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.06 min Scan# 2884
Delta R.T. -0.02 min
Lab File: VL038704.D
Acq: 23 Mar 2022 4:20

Tgt Ion:117 Resp: 1912201

Ion	Ratio	Lower	Upper
117	100		
82	61.9	51.6	77.4
119	33.4	26.9	40.3



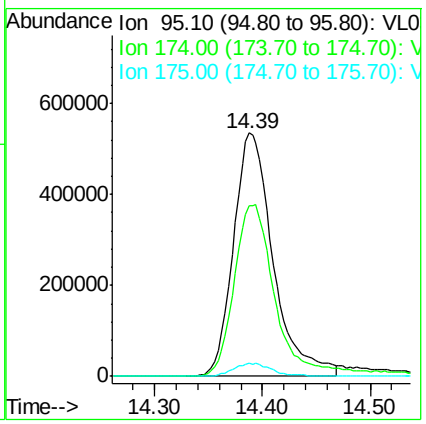


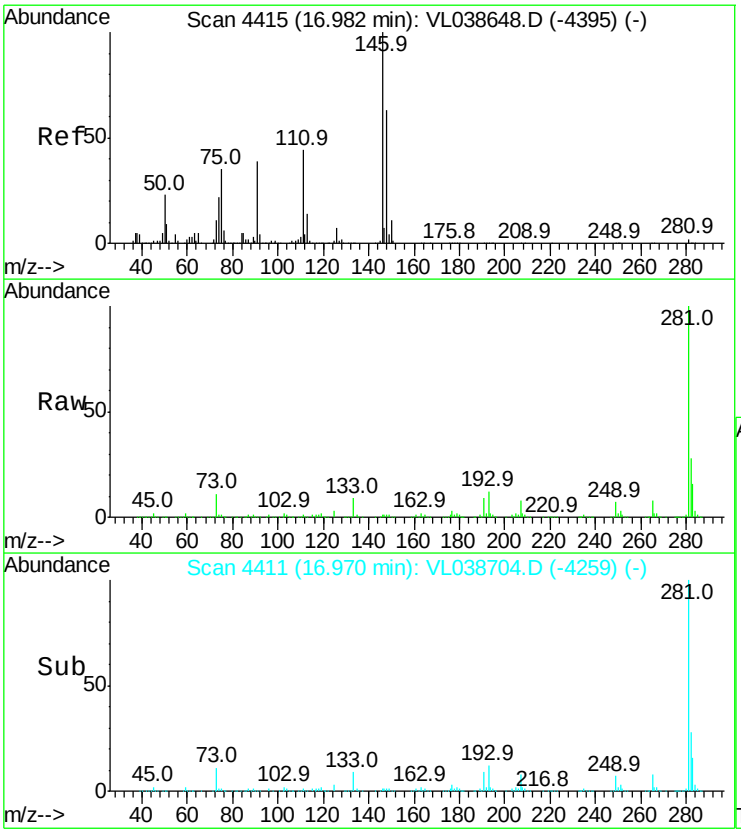
#68
1-Bromo-4-Fluorobenzene
Concen: 9.36 ppbv
RT: 14.39
Delta R.T
Lab File:
Acq: 23 Mar 2022 4:20

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 95 Resp: 1372479

Ion	Ratio	Lower	Upper
95	100		
174	76.4	56.1	84.1
175	5.8	4.2	6.2





#75
1,3-Dichlorobenzene
Concen: 0.05 ppbv
RT: 16.97 min Scan# 4411
Delta R.T. -0.01 min
Lab File: VL038704.D
Acq: 23 Mar 2022 4:20

Tgt Ion:146 Resp: 6322

Ion	Ratio	Lower	Upper
146	100		
111	209.5	22.2	66.6#
148	120.9	32.5	97.5#