Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032122\
Data File : VL038670.D
Acq On : 22 Mar 2022 3:56
Operator : SY/AP
Sample : N1964-13DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
C0P83DL

Quant Time: Mar 22 05:08:38 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	5.66	49	935230	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.16	114	2425595	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.07	117	2136792	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.40	95	1542485	9.42	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 94.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	6917	0.06	ppbv		95
4) Chloromethane	3.14	50	2937	0.05	ppbv	#	74
9) Propene	3.02	41	9465	0.20	ppbv		95
13) Ethanol	3.60	45	2490	0.47	ppbv	#	37
15) Acetone	3.85	43	41311	0.51	ppbv	#	86
20) Methylene Chloride	4.34	84	80079	2.36	ppbv		94
25) Ethyl Acetate	5.67	43	11556	0.06	ppbv	#	77
26) Hexane	5.68	57	34765	0.38	ppbv	#	40
34) 2-Butanone	5.25	43	15927	0.17	ppbv	#	53
39) 1,2-Dichloropropane	7.16	63	567904	7.76	ppbv	#	28
53) Toluene	9.79	91	63349	0.31	ppbv		99

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

Quantitation Report (Not Reviewed)

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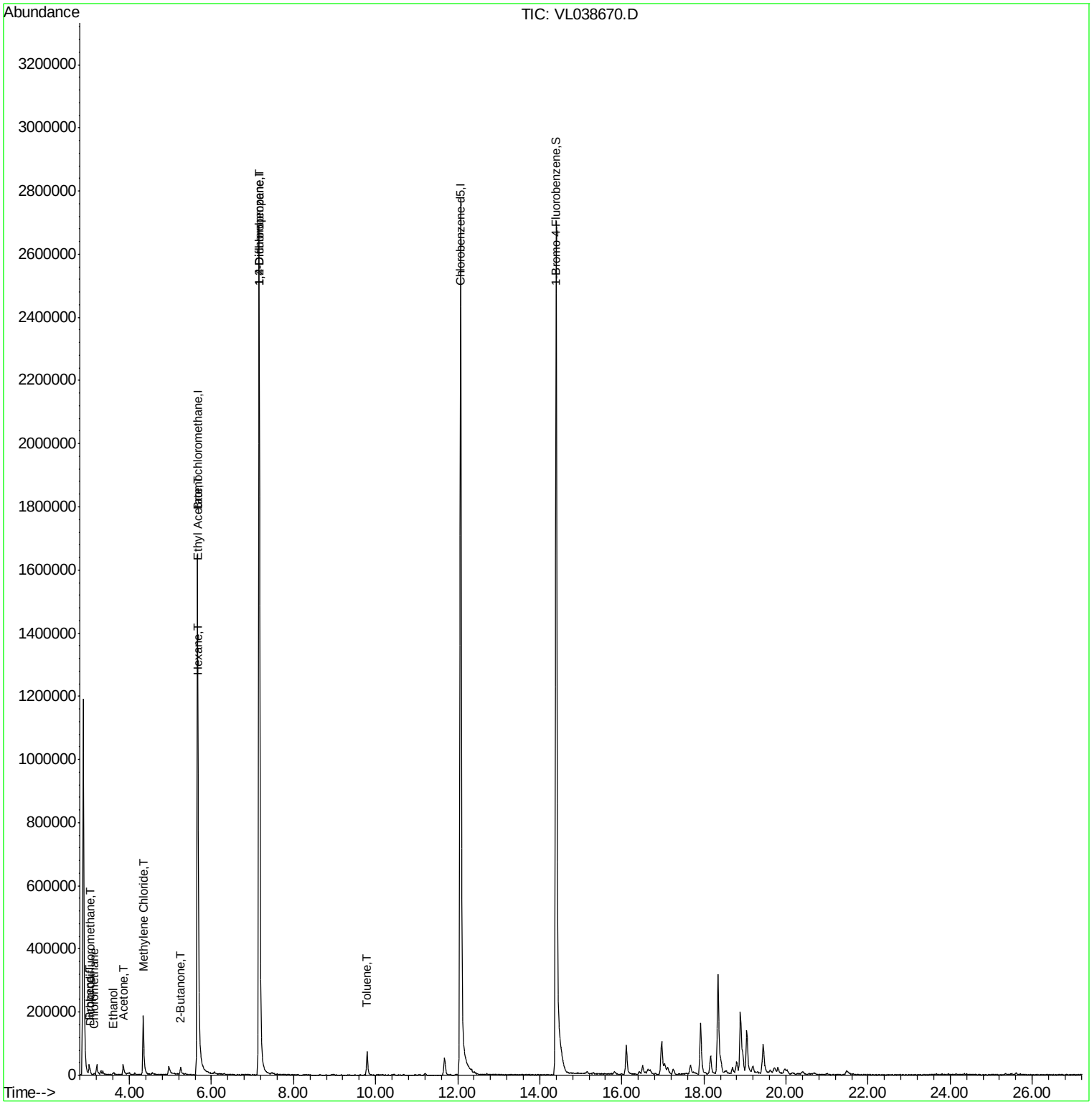
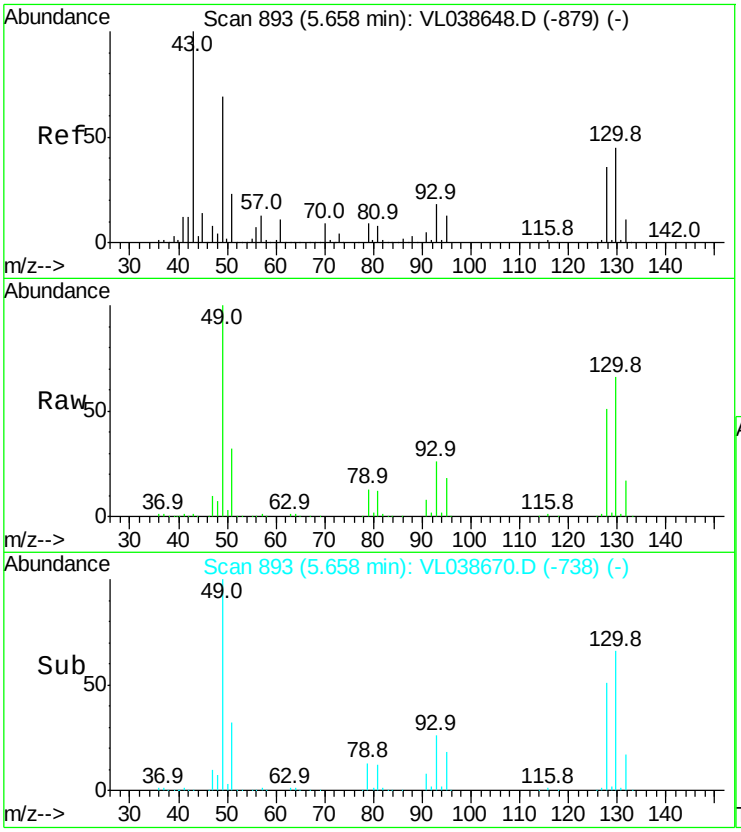


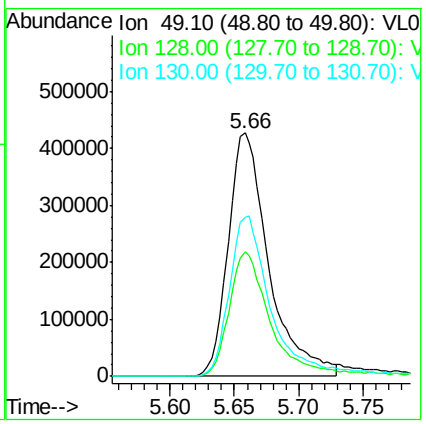


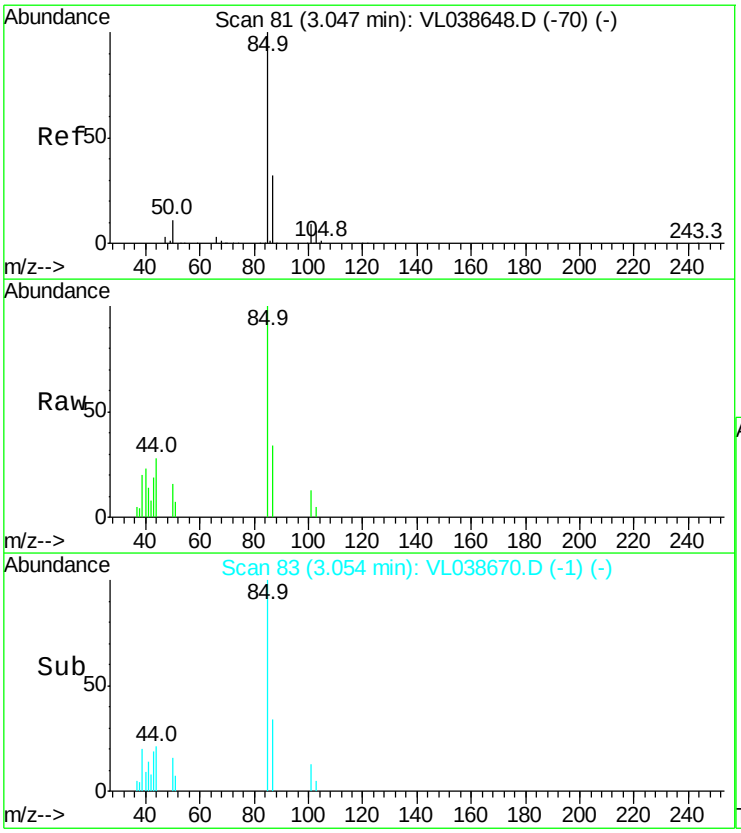
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 22 Mar 2022 3:56

Instrument :
MSVOA_L
ClientSampleId :
C0P83DL

Tgt Ion: 49 Resp: 935230

Ion	Ratio	Lower	Upper
49	100		
128	55.0	26.2	78.6
130	70.3	33.7	101.1

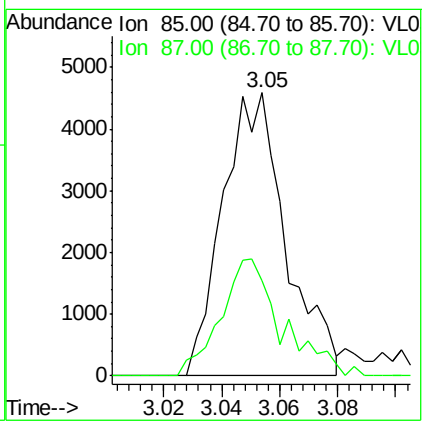


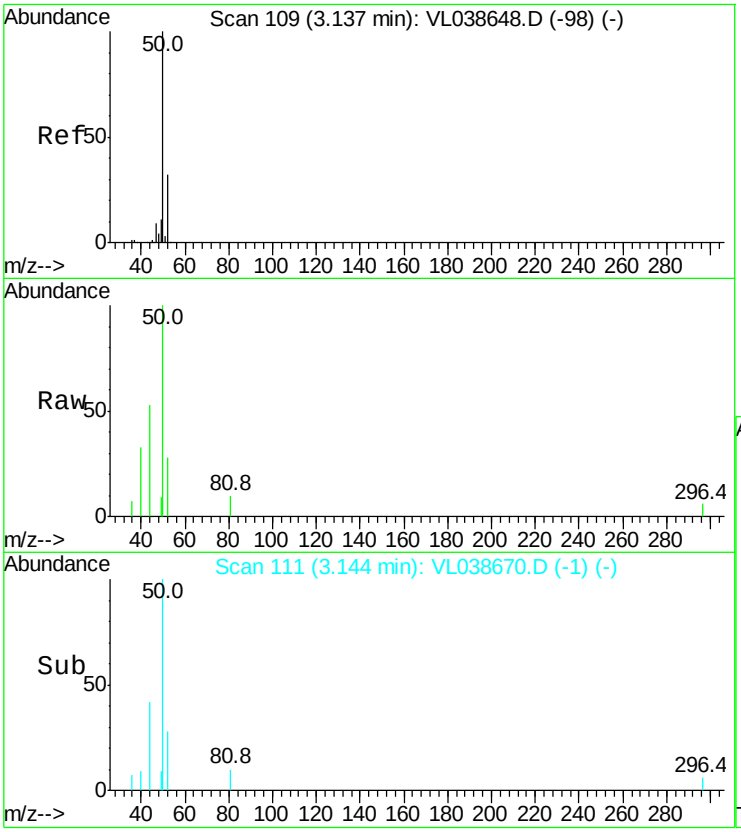


#2
Dichlorodifluoromethane
Concen: 0.06 ppbv
RT: 3.05 min Scan# 83
Delta R.T. 0.01 min
Lab File: VL038670.D
Acq: 22 Mar 2022 3:56

Tgt Ion: 85 Resp: 6917

Ion	Ratio	Lower	Upper
85	100		
87	29.4	26.0	39.0



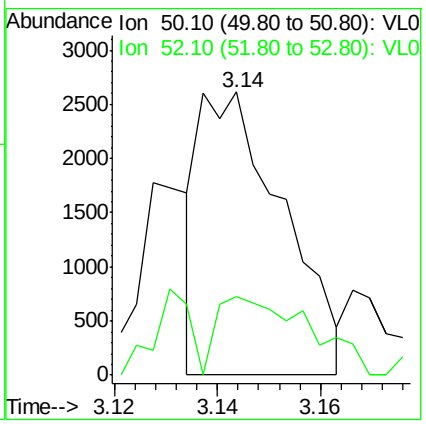


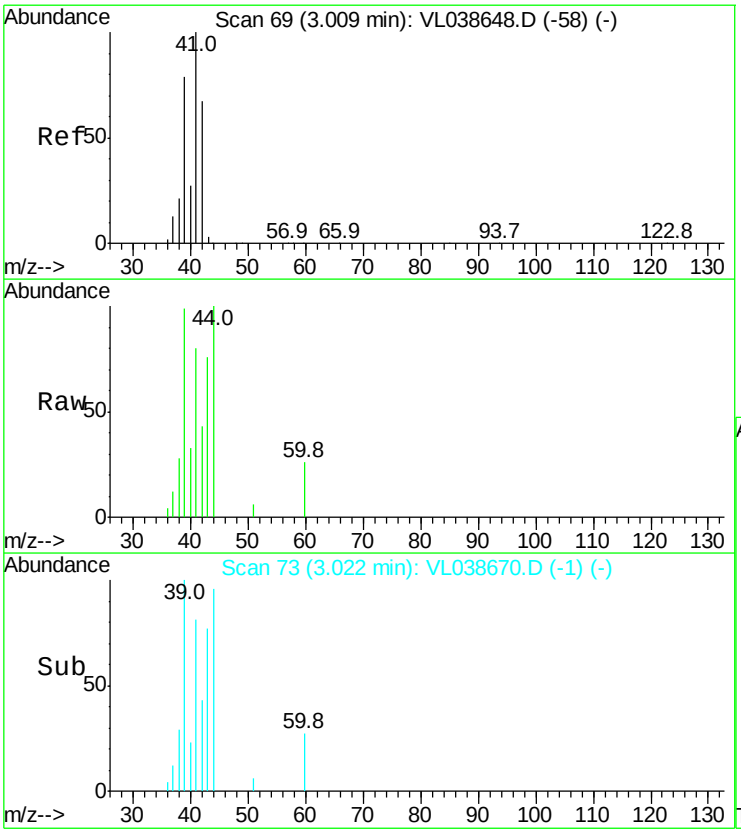
#4
Chloromethane
Concen: 0.05 ppbv
RT: 3.14
Delta R.T
Lab File:
Acq: 22 Mar 2022 3:56

Instrument :
MSVOA_L
ClientSampleId :
C0P83DL

Tgt Ion: 50 Resp: 2937

Ion	Ratio	Lower	Upper
50	100		
52	17.6	25.5	38.3#

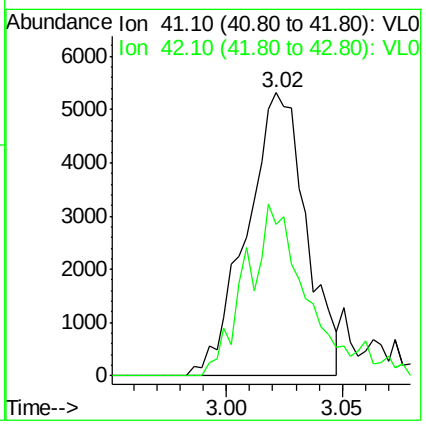


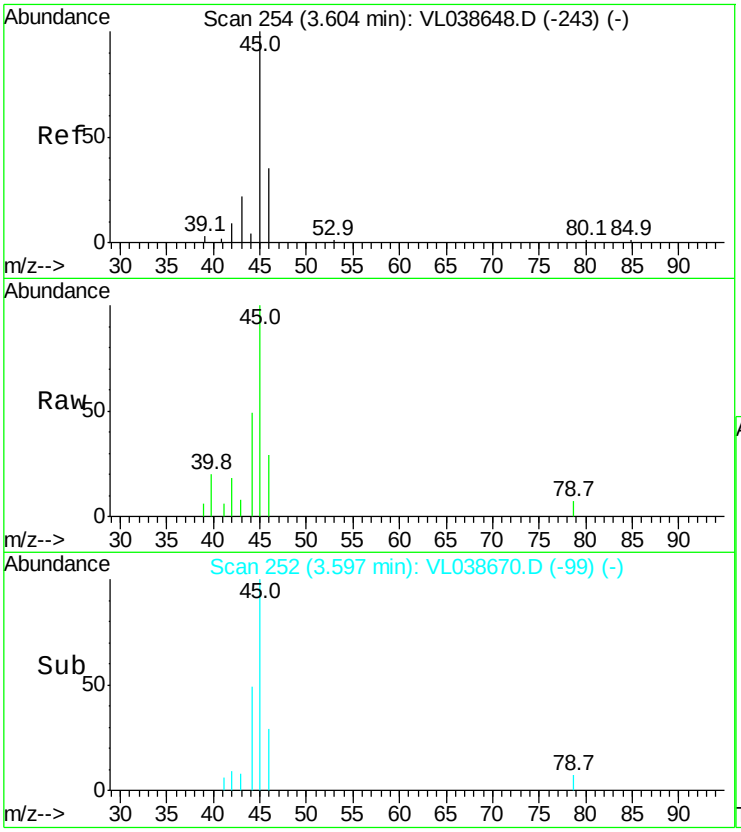


#9
Propene
Concen: 0.20 ppbv
RT: 3.02 min Scan# 73
Delta R.T. 0.01 min
Lab File: VL038670.D
Acq: 22 Mar 2022 3:56

Tgt Ion: 41 Resp: 9465

Ion	Ratio	Lower	Upper
41	100		
42	66.2	56.2	84.4



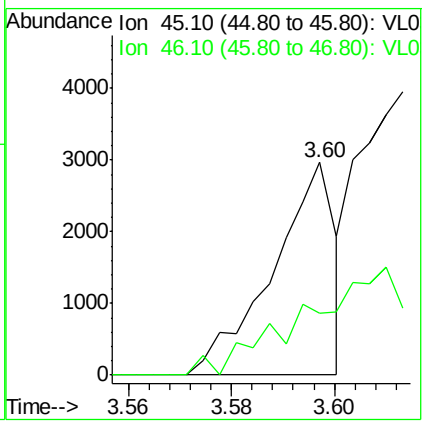


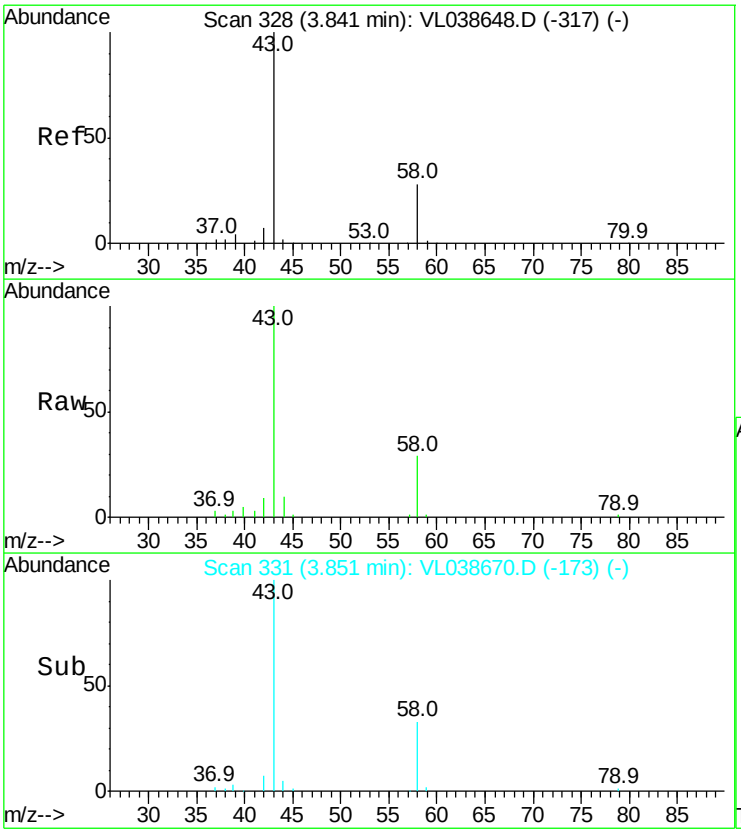
#13
Ethanol
Concen: 0.47 ppbv
RT: 3.60
Delta R.T
Lab File:
Acq: 22 Mar 2022 3:56

Instrument :
MSVOA_L
ClientSampleId :
C0P83DL

Tgt Ion: 45 Resp: 2490

Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.1	60.5#

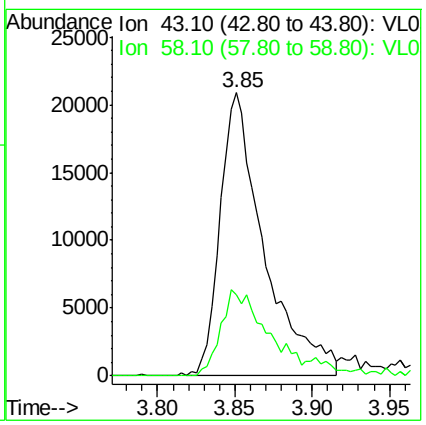


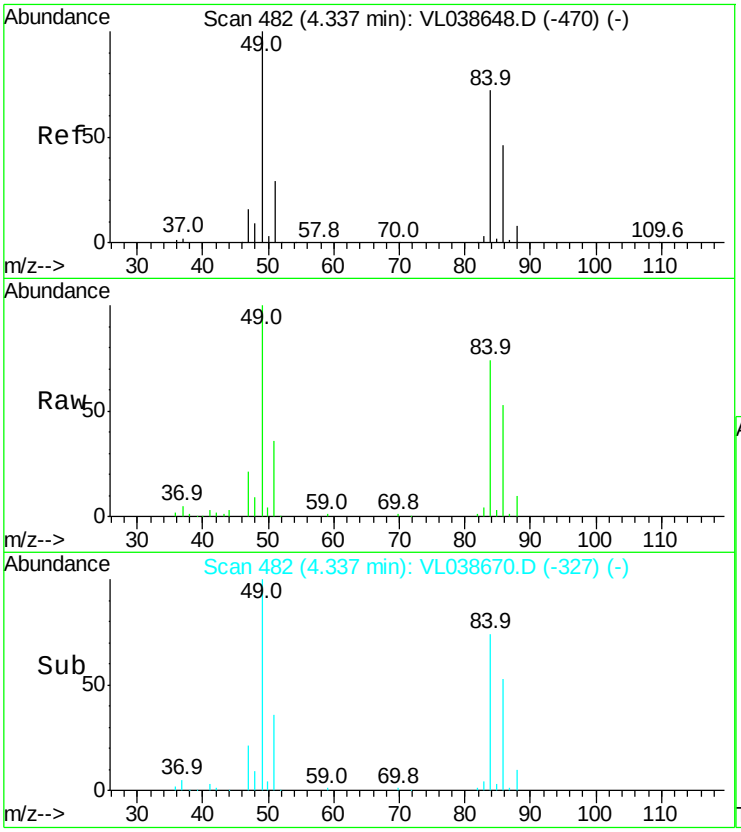


#15
Acetone
Concen: 0.51 ppbv
RT: 3.85 min Scan# 331
Delta R.T. 0.01 min
Lab File: VL038670.D
Acq: 22 Mar 2022 3:56

Tgt Ion: 43 Resp: 41311

Ion	Ratio	Lower	Upper
43	100		
58	36.3	23.3	34.9#



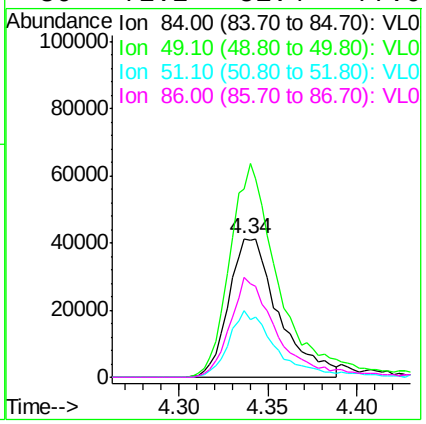


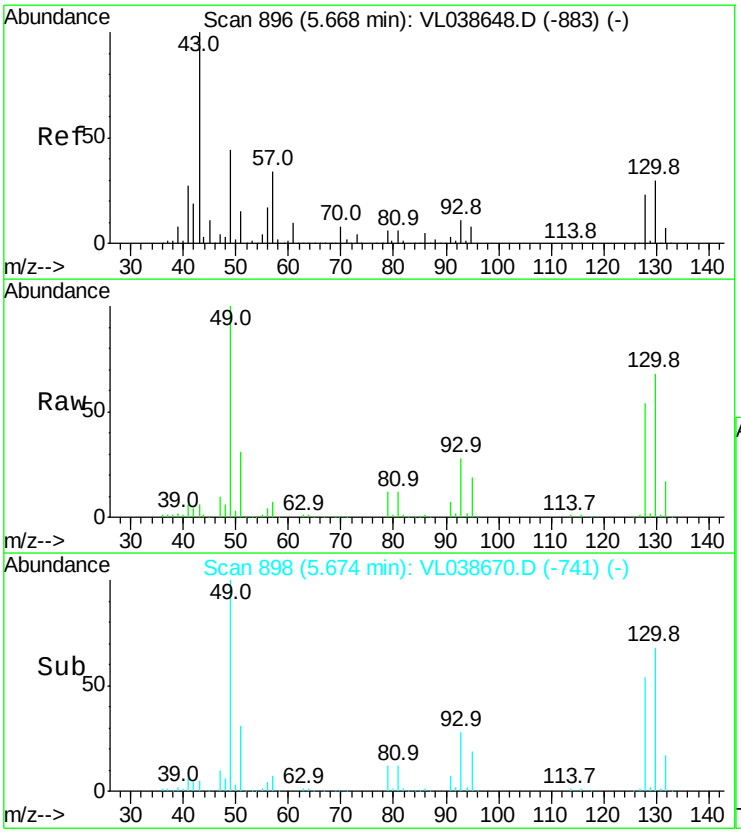
#20
Methylene Chloride
Concen: 2.36 ppbv
RT: 4.34
Delta R.T
Lab File:
Acq: 22 Mar 2022 3:56

Instrument :
MSVOA_L
ClientSampleId :
C0P83DL

Tgt Ion: 84 Resp: 80079

Ion	Ratio	Lower	Upper
84	100		
49	135.1	111.2	166.8
51	48.1	32.8	49.2
86	72.2	51.4	77.0

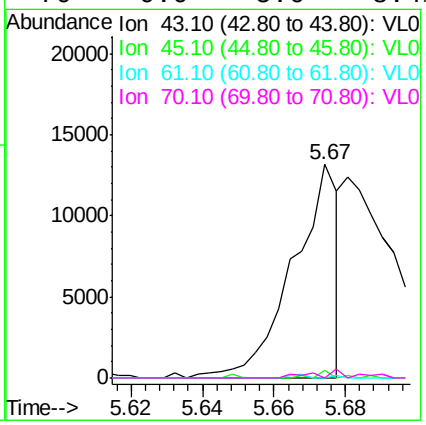


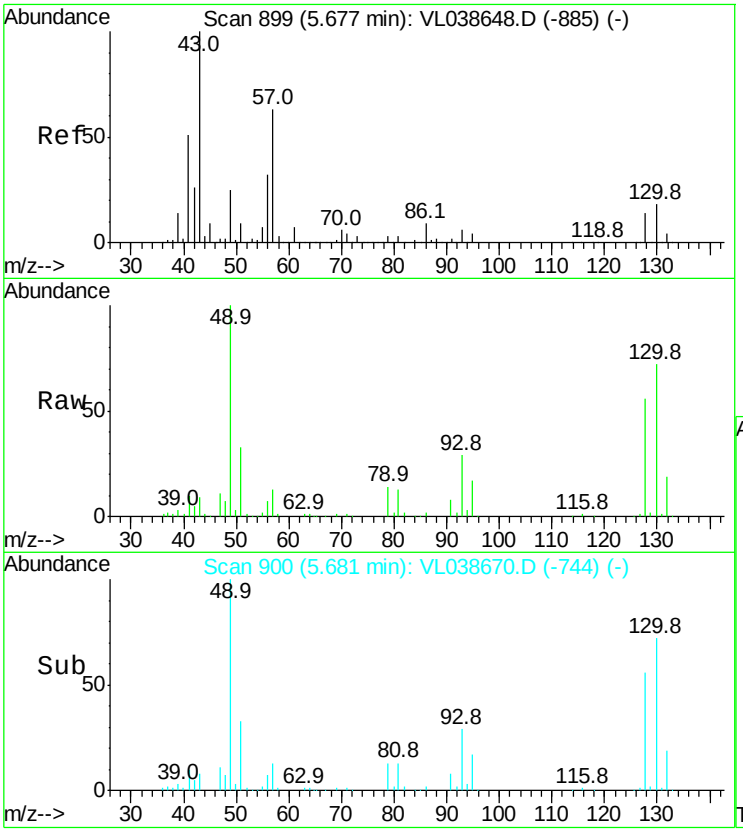


#25
Ethyl Acetate
Concen: 0.06 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.01 min
Lab File: VL038670.D
Acq: 22 Mar 2022 3:56

Tgt Ion: 43 Resp: 11556

Ion	Ratio	Lower	Upper
43	100		
45	1.6	8.2	12.4#
61	1.1	8.3	12.5#
70	0.0	5.6	8.4#



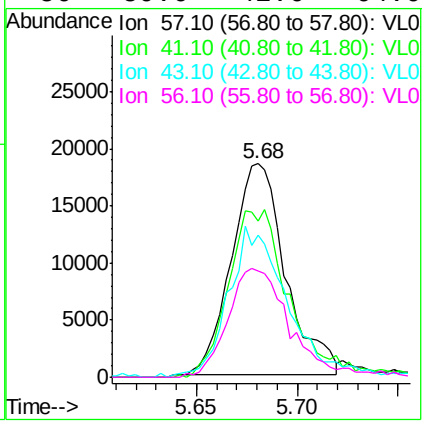


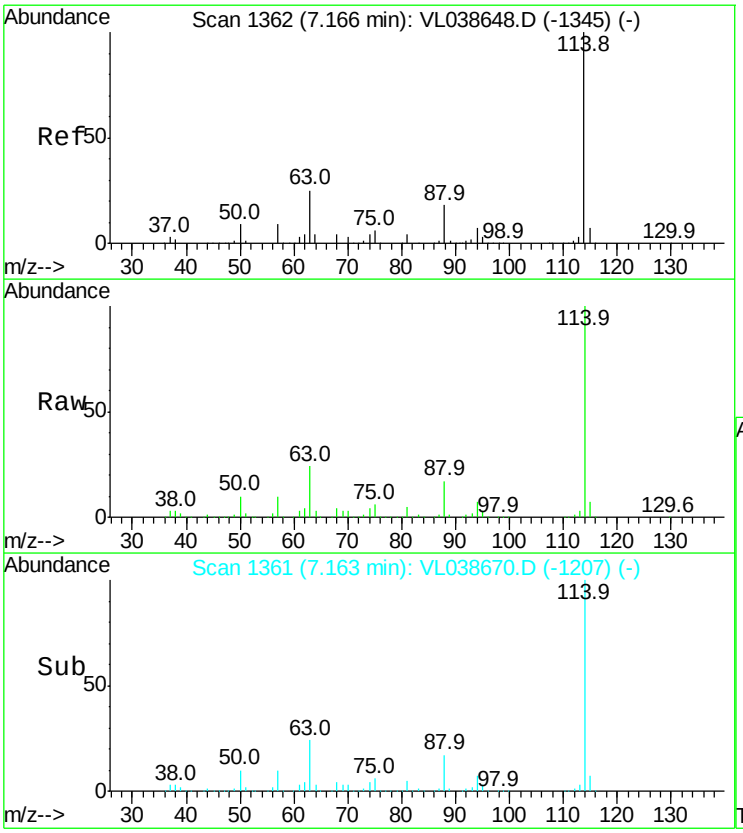
#26
Hexane
Concen: 0.38 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 22 Mar 2022 3:56

Instrument :
MSVOA_L
ClientSampleId :
C0P83DL

Tgt Ion: 57 Resp: 34765

Ion	Ratio	Lower	Upper
57	100		
41	91.1	67.0	100.4
43	79.4	184.2	276.2#
56	59.6	42.6	64.0

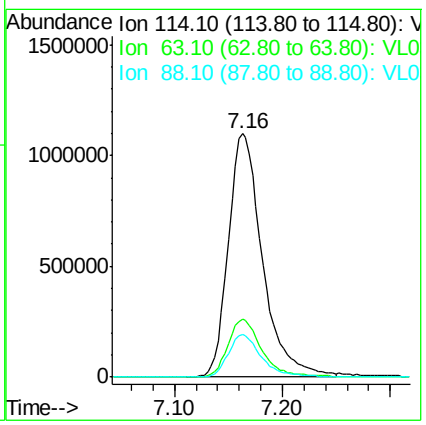


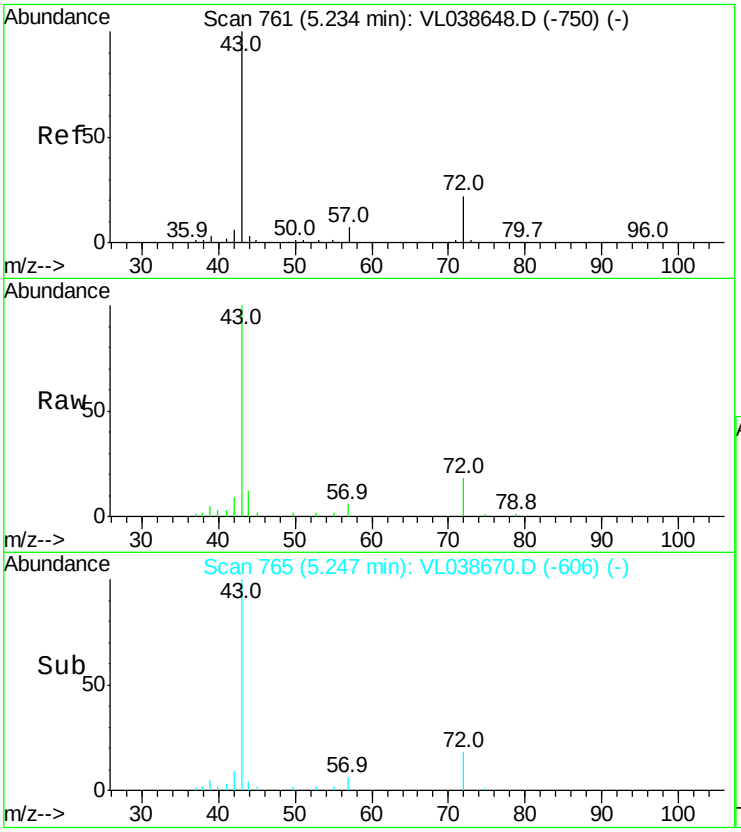


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.00 min
Lab File: VL038670.D
Acq: 22 Mar 2022 3:56

Tgt Ion:114 Resp: 2425595

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



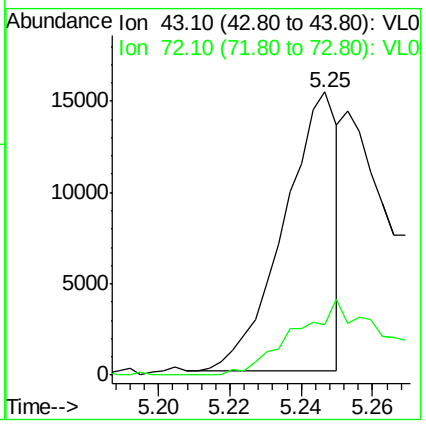


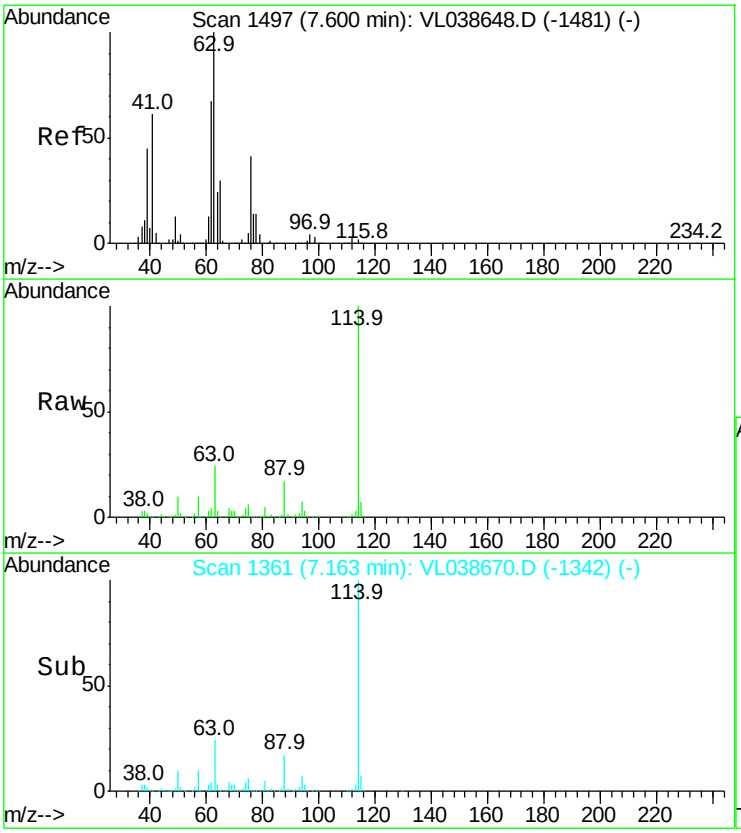
#34
2-Butanone
Concen: 0.17 ppbv
RT: 5.25
Delta R.T
Lab File:
Acq: 22 Mar 2022 3:56

Instrument :
MSVOA_L
ClientSampleId :
C0P83DL

Tgt Ion: 43 Resp: 15927

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.8	26.8#

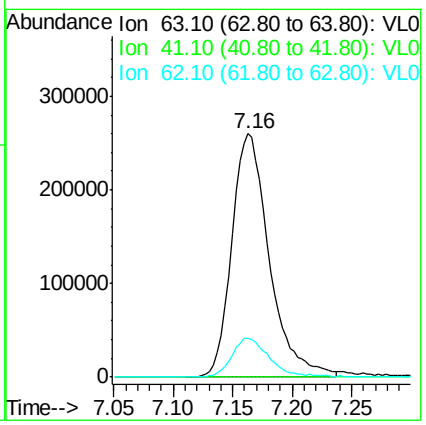


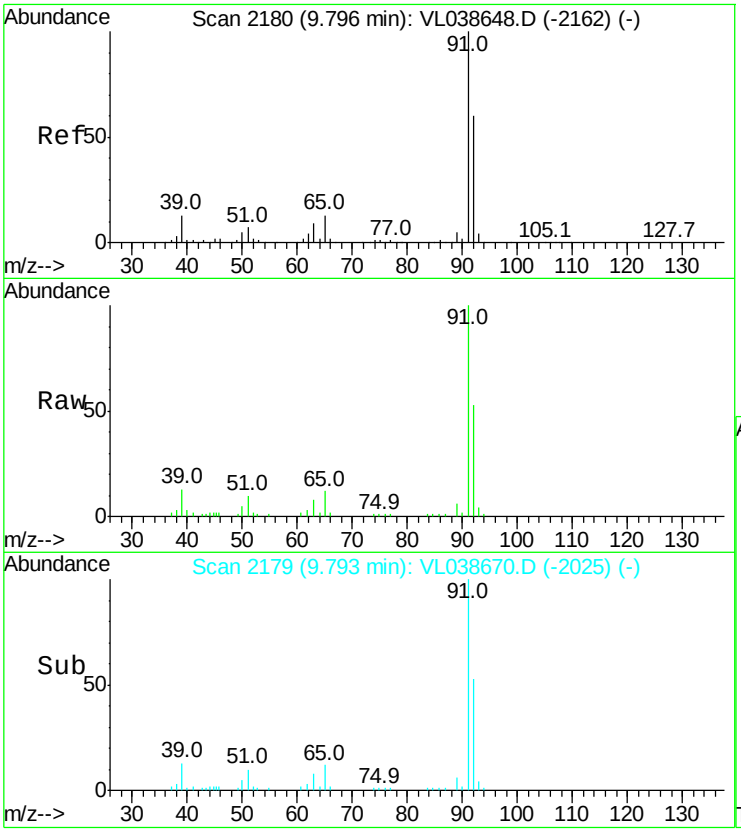


#39
1,2-Dichloropropane
Concen: 7.76 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.44 min
Lab File: VL038670.D
Acq: 22 Mar 2022 3:56

Tgt Ion: 63 Resp: 567904

Ion	Ratio	Lower	Upper
63	100		
41	0.0	49.0	73.6#
62	16.0	53.9	80.9#



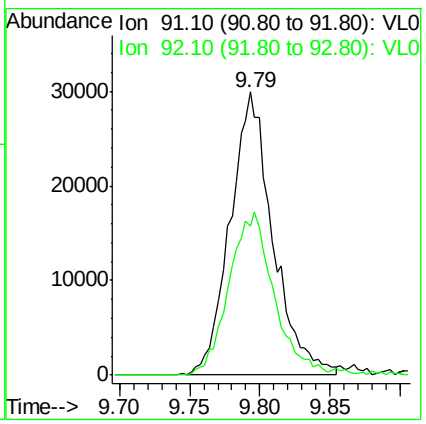


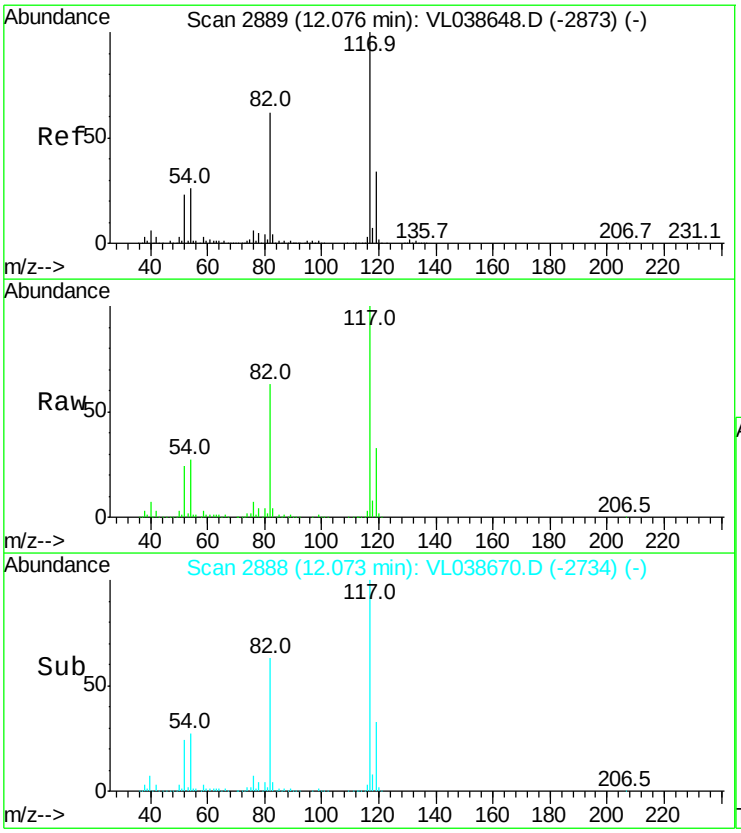
#53
Toluene
Concen: 0.31 ppbv
RT: 9.79
Delta R.T
Lab File:
Acq: 22 Mar 2022 3:56

Instrument :
MSVOA_L
ClientSampleId :
C0P83DL

Tgt Ion: 91 Resp: 63349

Ion	Ratio	Lower	Upper
91	100		
92	61.8	48.7	73.1

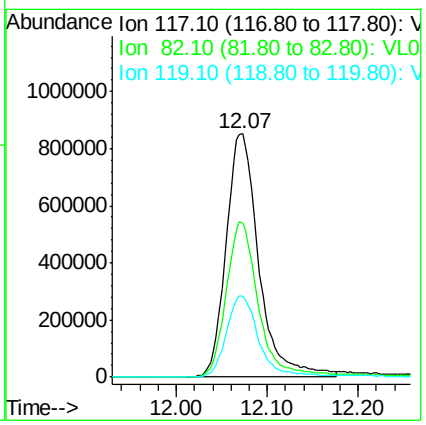


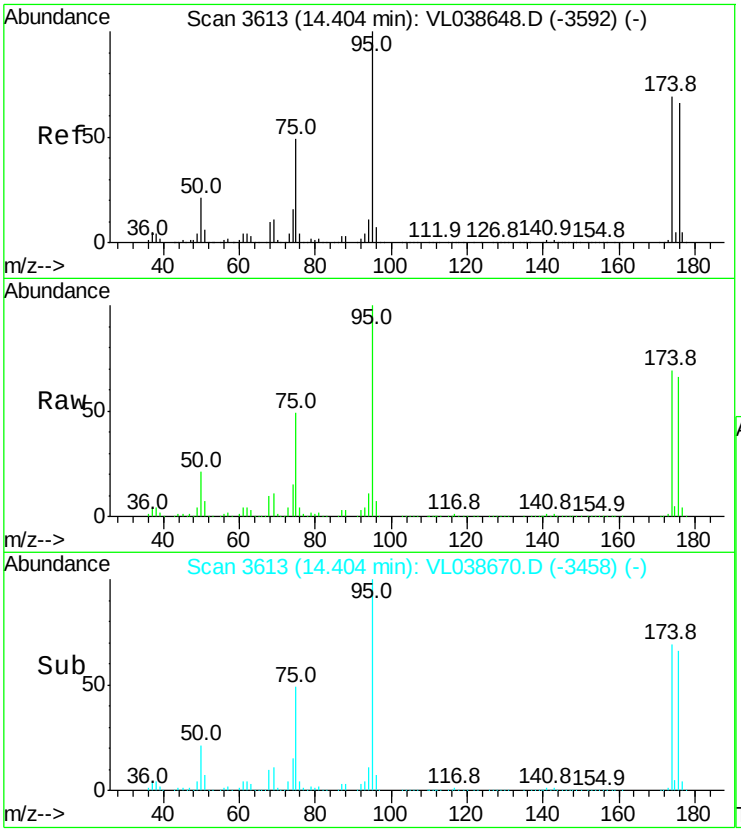


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.07 min Scan# 2888
Delta R.T. -0.00 min
Lab File: VL038670.D
Acq: 22 Mar 2022 3:56

Tgt Ion:117 Resp: 2136792

Ion	Ratio	Lower	Upper
117	100		
82	65.4	51.6	77.4
119	34.2	26.9	40.3





#68
1-Bromo-4-Fluorobenzene
Concen: 9.42 ppbv
RT: 14.40
Delta R.T
Lab File:
Acq: 22 Mar 2022 3:58

Instrument :
MSVOA_L
ClientSampleId :
C0P83DL

Tgt Ion: 95 Resp: 1542485

Ion	Ratio	Lower	Upper
95	100		
174	73.3	56.1	84.1
175	5.4	4.2	6.2