Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030922\
Data File : VL038583.D
Acq On : 9 Mar 2022 19:40
Operator : SY/AP
Sample : N1702-05DL2 40X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
AA-1DL2

Quant Time: Mar 10 00:34:58 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 08 21:18:44 2022
QLast Update : Tue Mar 08 21:18:44 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	839418	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2085006	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	1790955	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	1322510	9.71	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.10%			
Target Compounds						Qvalue
9) Propene	3.02	41	1955	0.04	ppbv #	1
15) Acetone	3.88	43	7263	0.12	ppbv #	70
20) Methylene Chloride	4.35	84	29044	0.82	ppbv	96
25) Ethyl Acetate	5.69	43	19331	0.10	ppbv #	76
26) Hexane	5.69	57	25260	0.27	ppbv #	41
39) 1,2-Dichloropropane	7.17	63	492957	6.81	ppbv #	27

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

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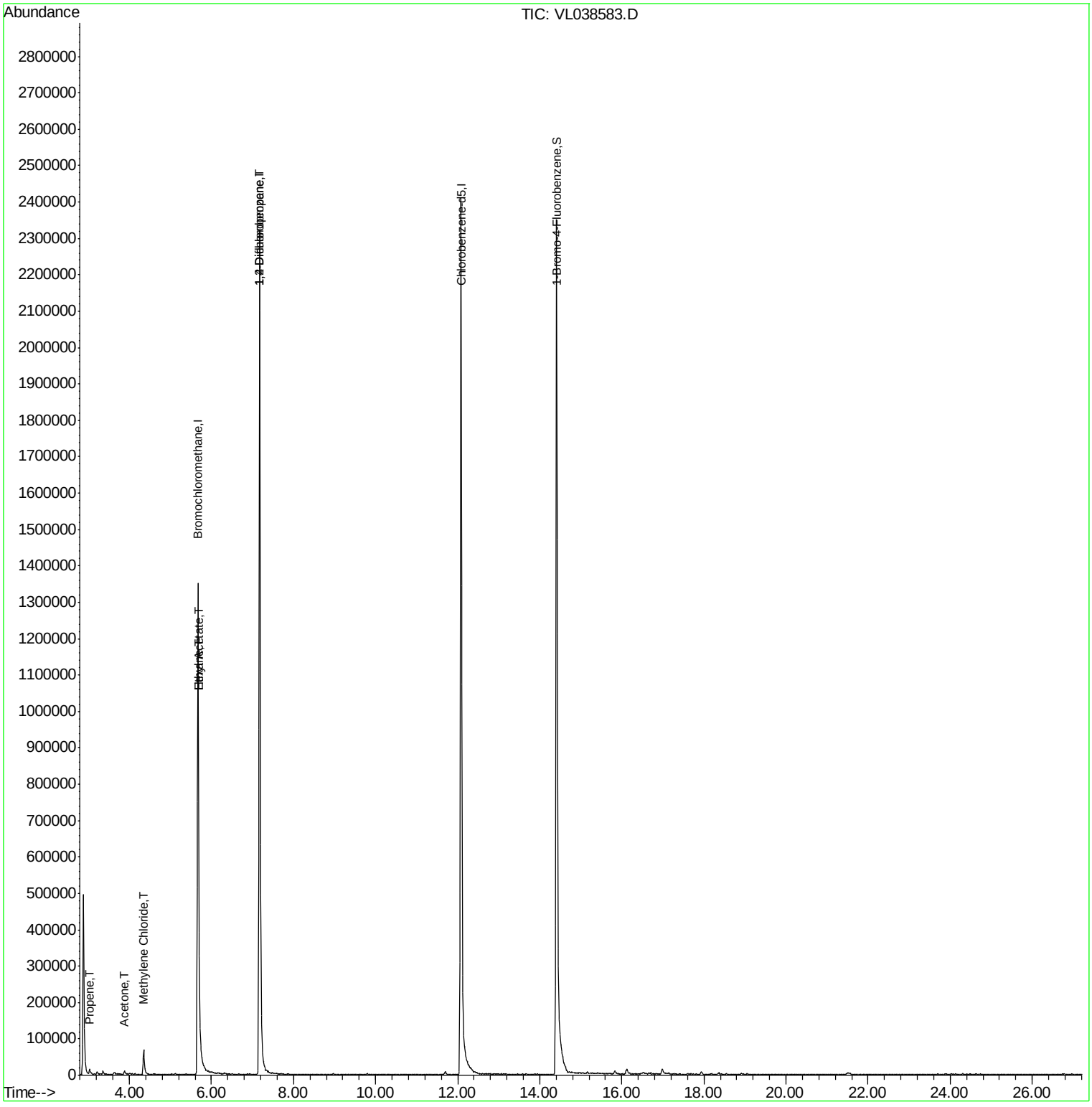
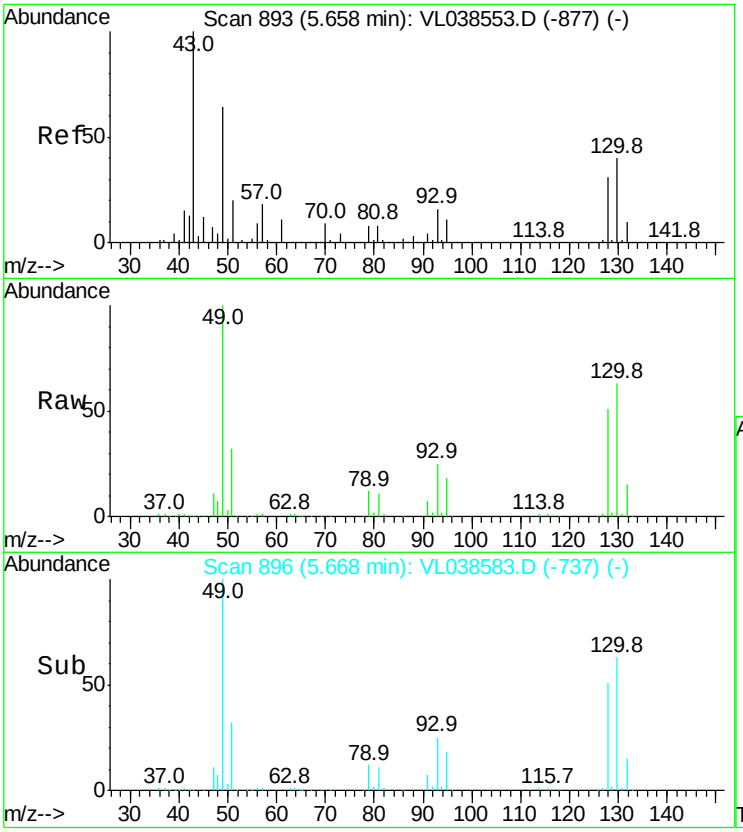


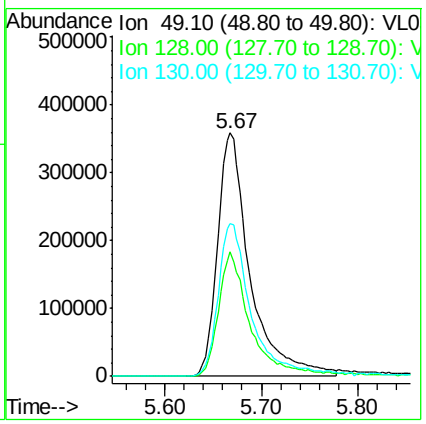


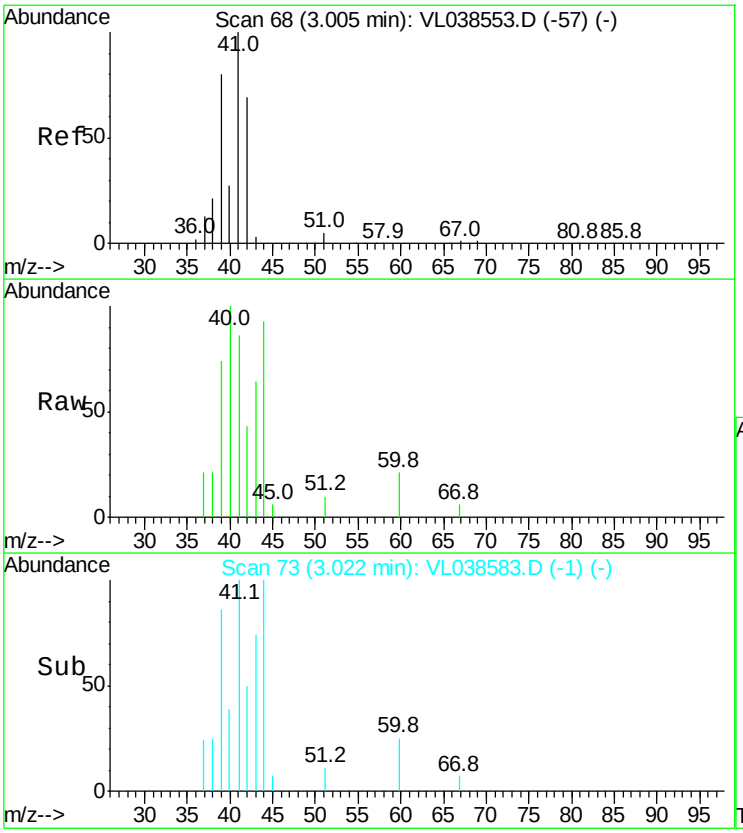
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 9 Mar 2022 19:40

Instrument :
MSVOA_L
ClientSampleId :
AA-1DL2

Tgt Ion: 49 Resp: 839418

Ion	Ratio	Lower	Upper
49	100		
128	50.9	26.4	79.2
130	66.1	33.0	98.9

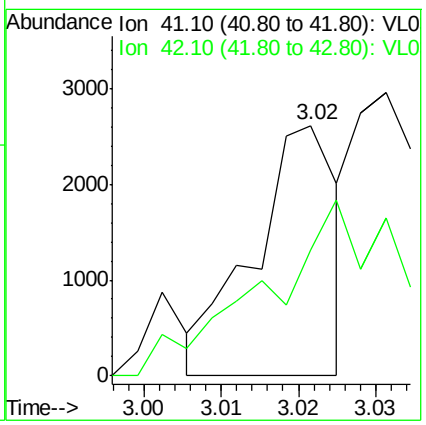


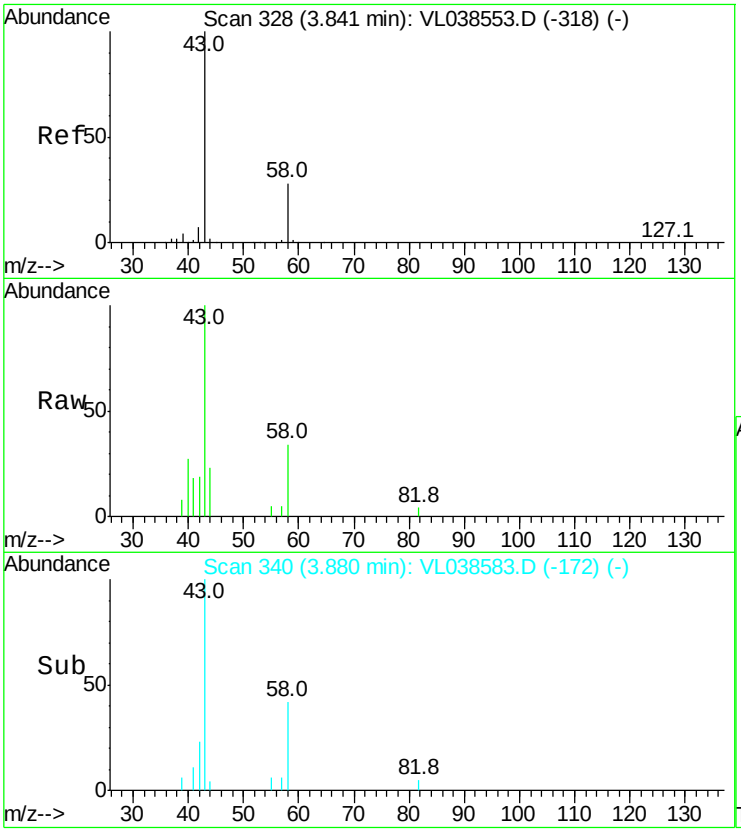


#9
Propene
Concen: 0.04 ppbv
RT: 3.02 min Scan# 73
Delta R.T. 0.02 min
Lab File: VL038583.D
Acq: 9 Mar 2022 19:40

Tgt Ion: 41 Resp: 1955

Ion	Ratio	Lower	Upper
41	100		
42	155.6	55.7	83.5#



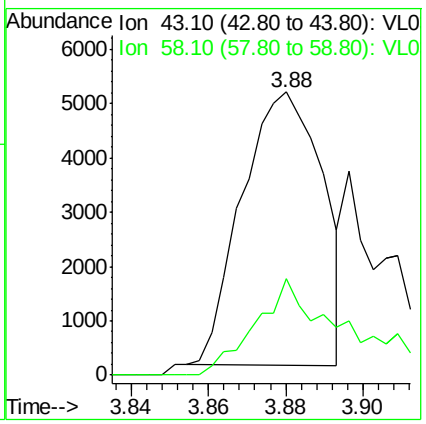


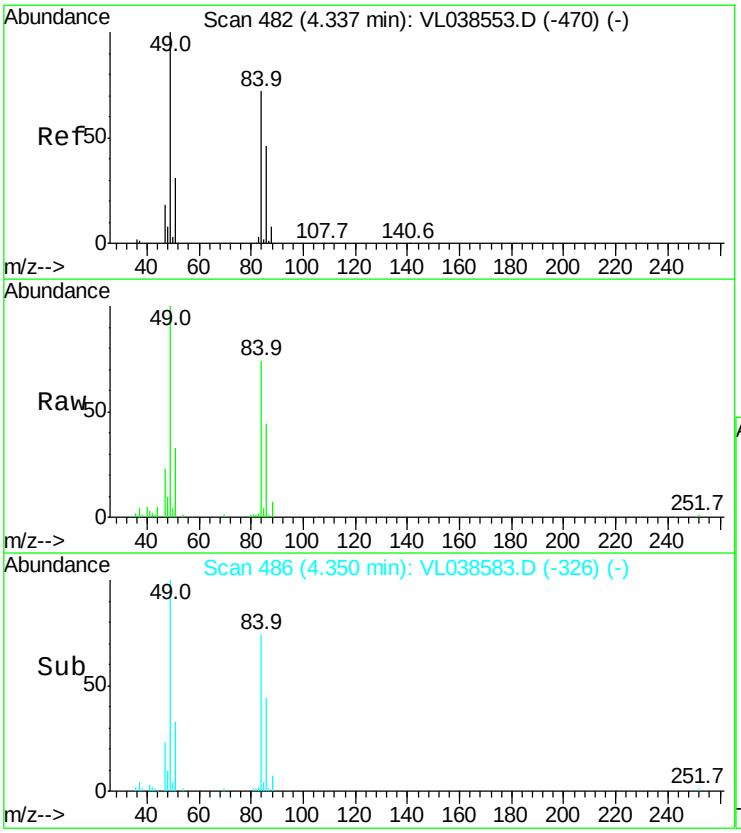
#15
Acetone
Concen: 0.12 ppbv
RT: 3.88
Delta R.T
Lab File:
Acq: 9 Mar 2022 19:40

Instrument :
MSVOA_L
ClientSampleId :
AA-1DL2

Tgt Ion: 43 Resp: 7263

Ion	Ratio	Lower	Upper
43	100		
58	44.0	22.7	34.1#

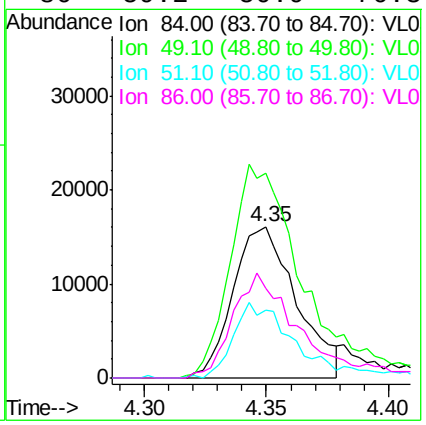


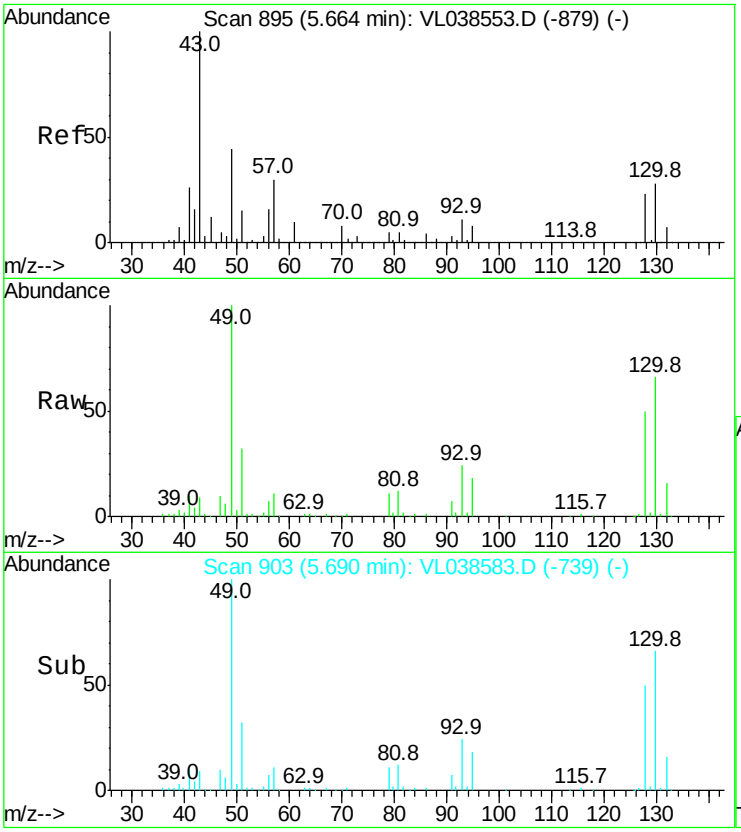


#20
Methylene Chloride
Concen: 0.82 ppbv
RT: 4.35 min Scan# 486
Delta R.T. 0.01 min
Lab File: VL038583.D
Acq: 9 Mar 2022 19:40

Tgt Ion: 84 Resp: 29044

Ion	Ratio	Lower	Upper
84	100		
49	133.8	111.1	166.7
51	43.7	34.0	51.0
86	59.2	50.9	76.3



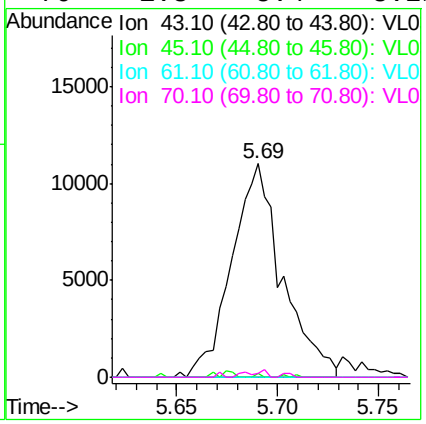


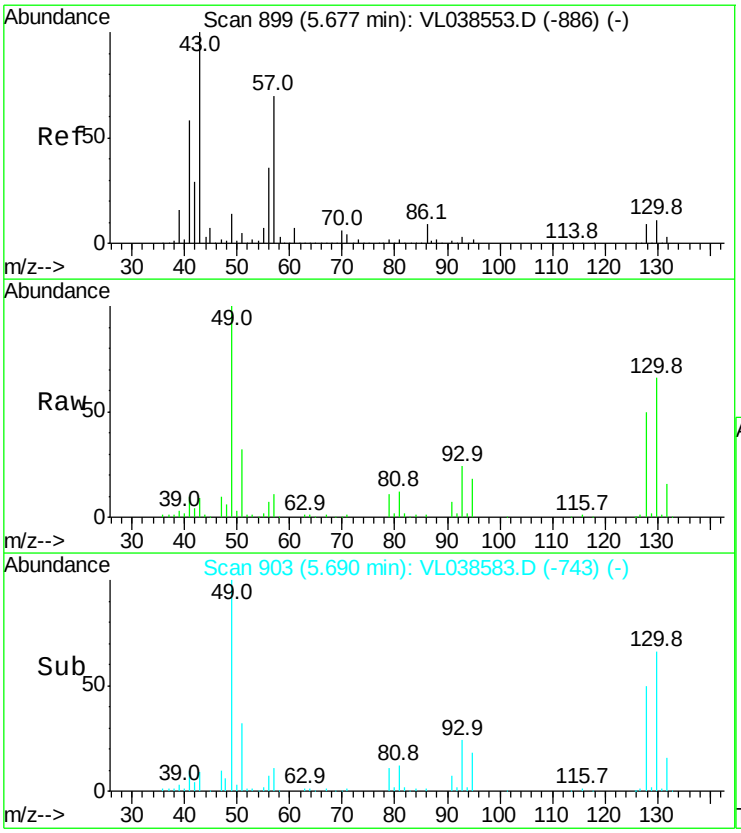
#25
Ethyl Acetate
Concen: 0.10 ppbv
RT: 5.69
Delta R.T
Lab File:
Acq: 9 Mar 2022 19:40

Instrument :
MSVOA_L
ClientSampleId :
AA-1DL2

Tgt Ion: 43 Resp: 19331

Ion	Ratio	Lower	Upper
43	100		
45	0.3	8.0	12.0#
61	0.0	8.2	12.4#
70	1.8	5.4	8.2#

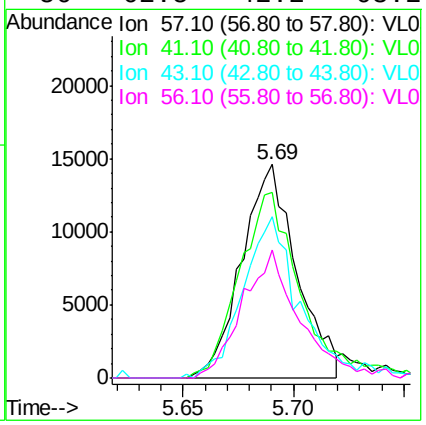


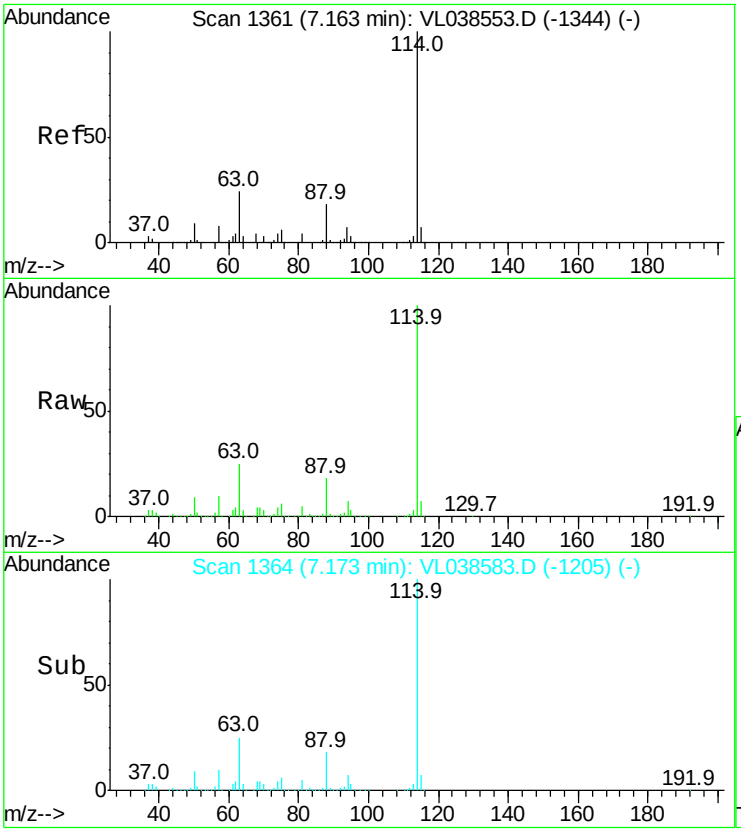


#26
Hexane
Concen: 0.27 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.01 min
Lab File: VL038583.D
Acq: 9 Mar 2022 19:40

Tgt Ion: 57 Resp: 25260

Ion	Ratio	Lower	Upper
57	100		
41	99.8	67.8	101.6
43	80.3	173.6	260.4#
56	62.5	42.2	63.2



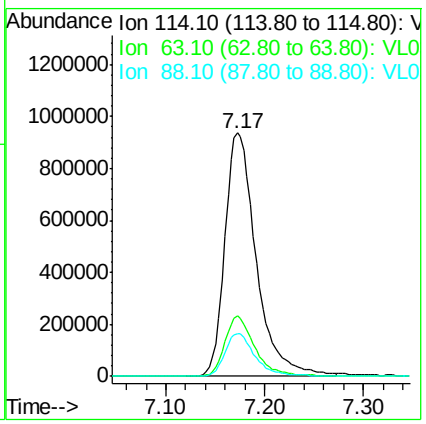


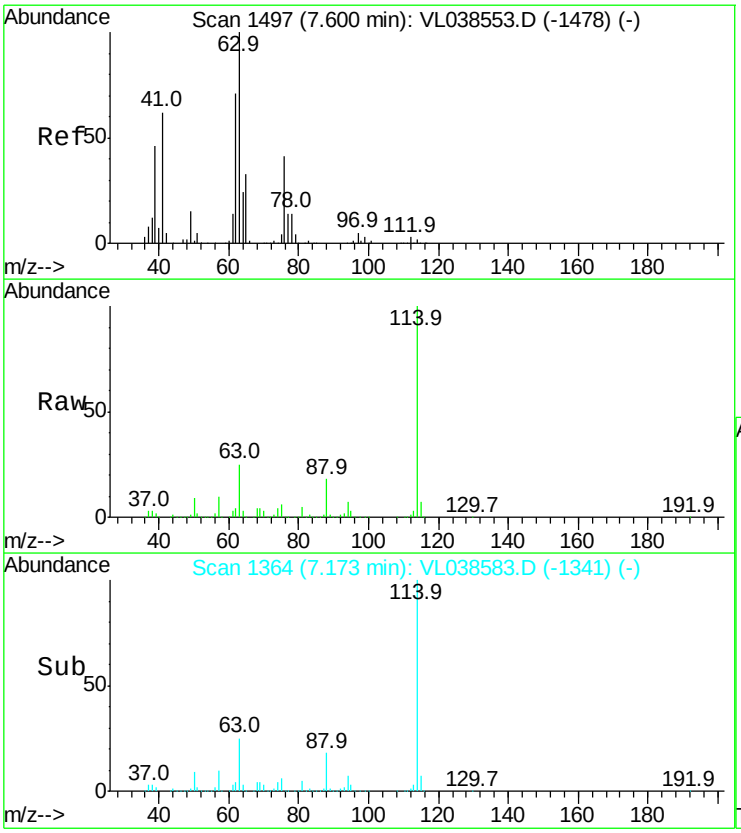
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 9 Mar 2022 19:40

Instrument :
MSVOA_L
ClientSampleId :
AA-1DL2

Tgt Ion:114 Resp: 2085006

Ion	Ratio	Lower	Upper
114	100		
63	24.1	19.6	29.4
88	17.3	13.9	20.9

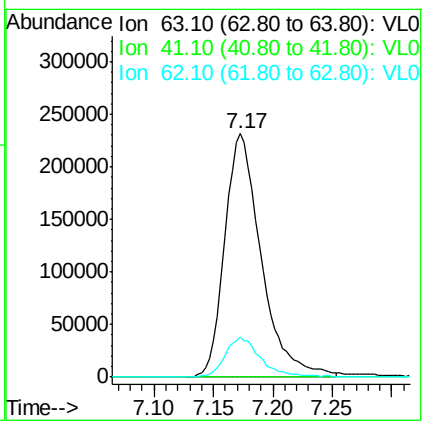


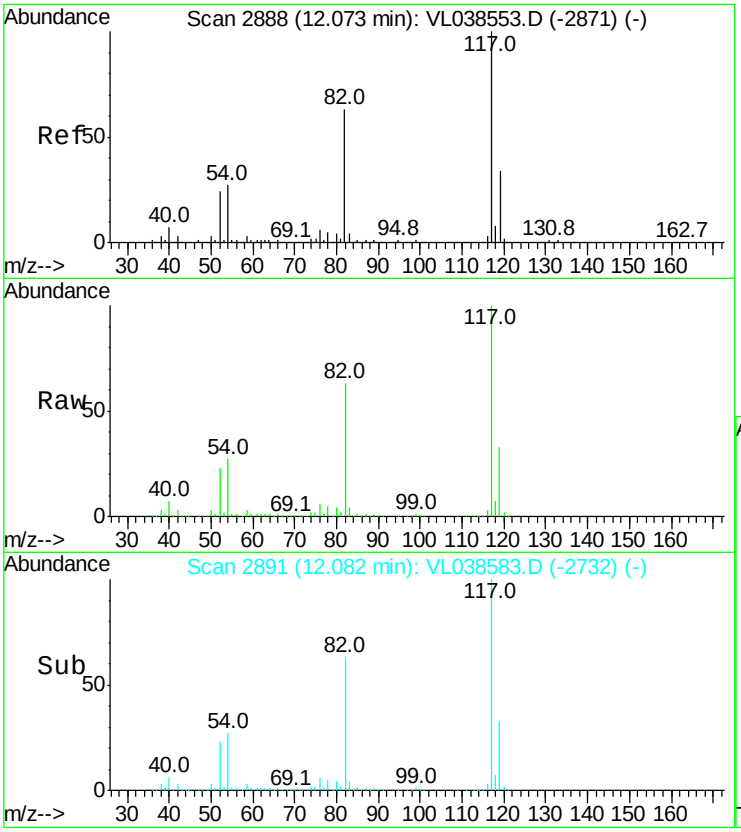


#39
1,2-Dichloropropane
Concen: 6.81 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.43 min
Lab File: VL038583.D
Acq: 9 Mar 2022 19:40

Tgt Ion: 63 Resp: 492957

Ion	Ratio	Lower	Upper
63	100		
41	0.0	49.8	74.6#
62	16.4	56.7	85.1#



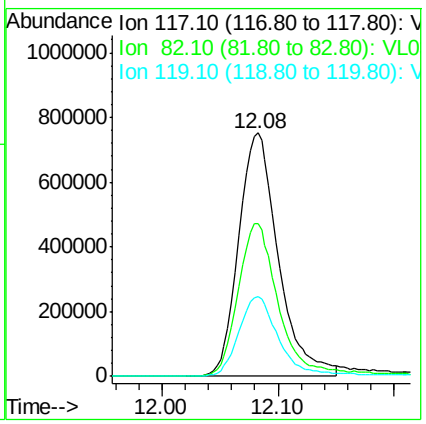


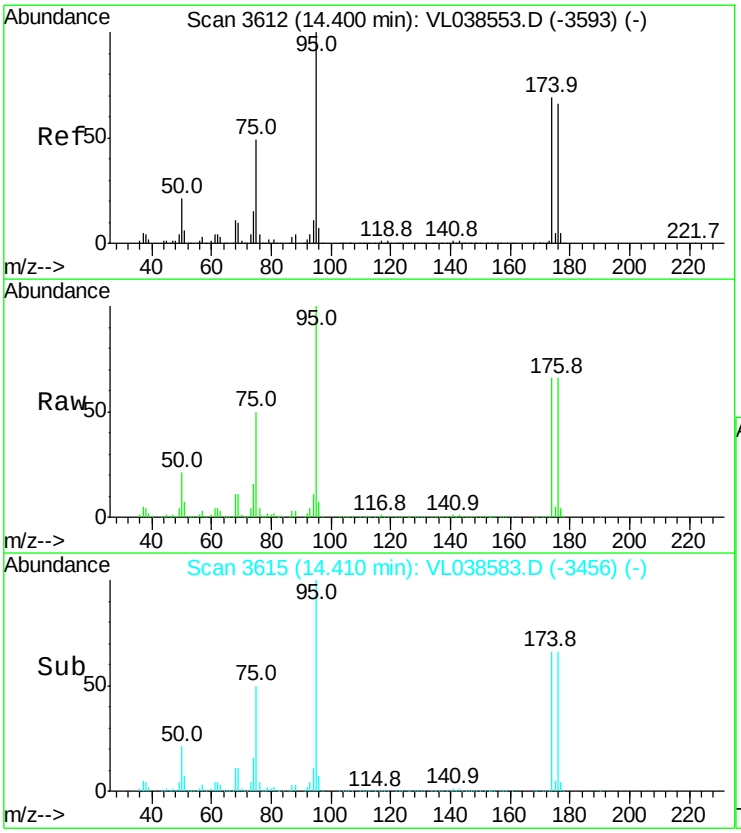
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.08
Delta R.T
Lab File:
Acq: 9 Mar 2022 19:40

Instrument :
MSVOA_L
ClientSampleId :
AA-1DL2

Tgt Ion:117 Resp: 1790955

Ion	Ratio	Lower	Upper
117	100		
82	67.4	52.5	78.7
119	35.1	46.4	69.6#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.71 ppbv
RT: 14.41 min Scan# 3615
Delta R.T. 0.01 min
Lab File: VL038583.D
Acq: 9 Mar 2022 19:40

Tgt Ion: 95 Resp: 1322510

Ion	Ratio	Lower	Upper
95	100		
174	73.7	56.2	84.4
175	5.0	4.2	6.2