Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062422\
Data File : VL039357.D
Acq On : 25 Jun 2022 1:50
Operator : SY/AP
Sample : N3453-09DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
AA-1DL

Quant Time: Jun 27 01:53:10 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1062534	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	3107821	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.08	117	2702643	10.00	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	1996844	8.94	ppbv	-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 89.40%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.99	51	9846	0.073	ppbv #	89
4) Chloromethane	3.14	50	3352	0.048	ppbv #	60
9) Propene	3.02	41	10947	0.186	ppbv	85
13) Ethanol	3.60	45	73366	22.821	ppbv #	100
15) Acetone	3.85	43	247799	2.239	ppbv	100
19) Isopropyl Alcohol	3.97	45	56836	1.095	ppbv #	64
20) Methylene Chloride	4.34	84	11805	0.253	ppbv #	75
23) Vinyl Acetate	5.07	43	5010	0.055	ppbv #	81
26) Hexane	5.69	57	12223	0.111	ppbv #	44
34) 2-Butanone	5.25	43	6030	0.036	ppbv #	50
39) 1,2-Dichloropropane	7.17	63	768903	7.662	ppbv #	24

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

Quantitation Report (Not Reviewed)

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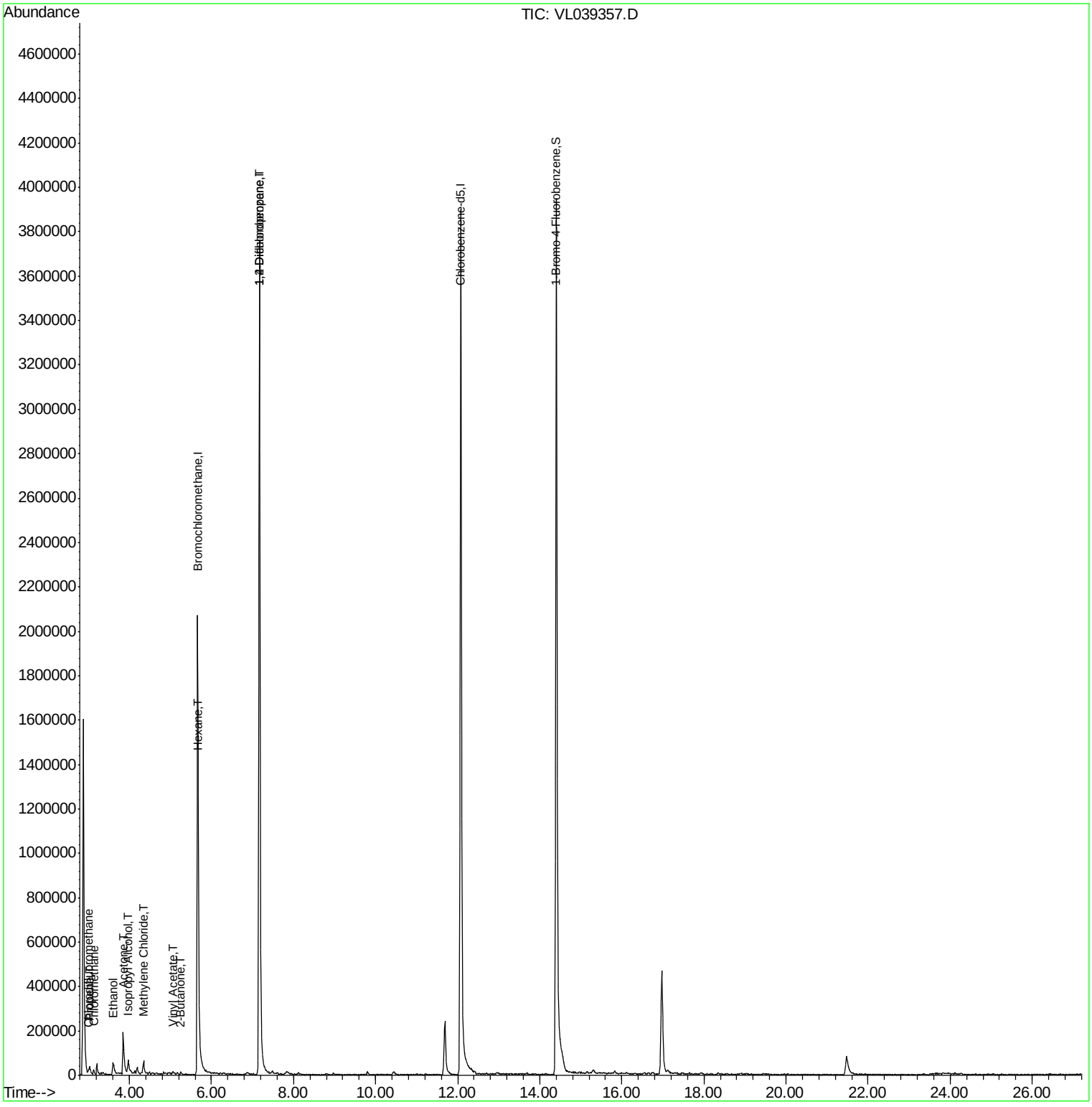
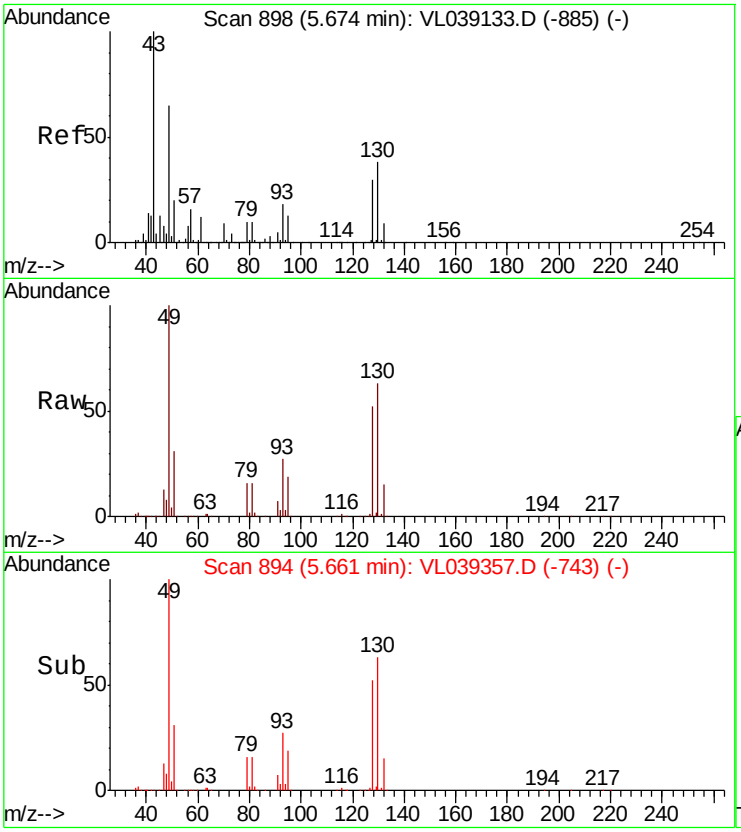


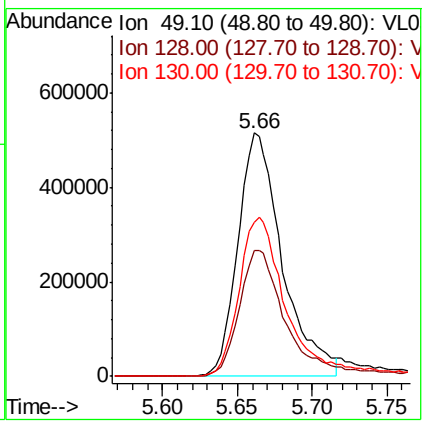


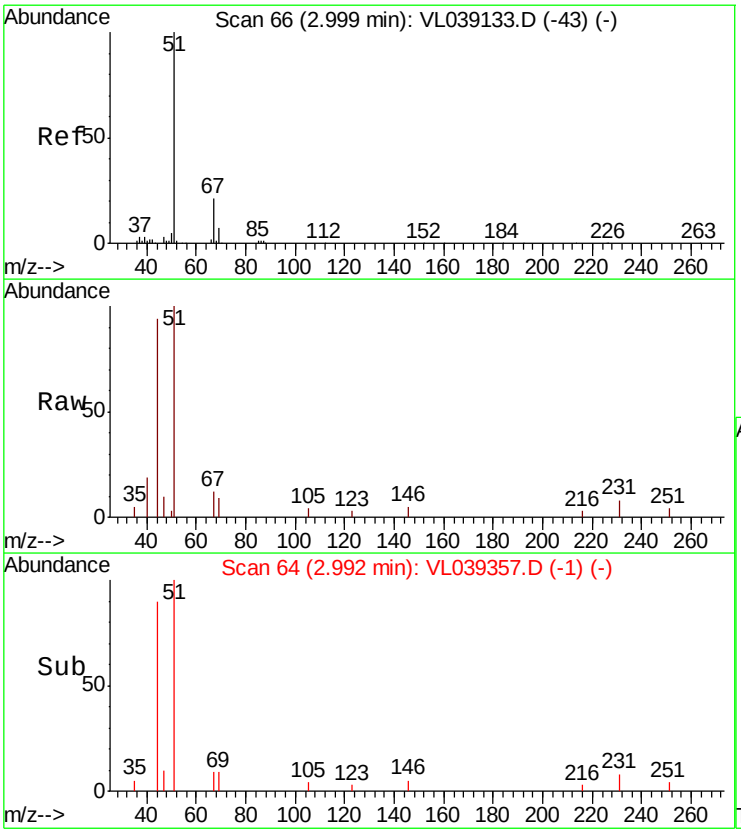
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 25 Jun 2022 1:50

Instrument :
MSVOA_L
ClientSampleId :
AA-1DL

Tgt Ion: 49 Resp: 1062534

Ion	Ratio	Lower	Upper
49	100		
128	57.2	24.7	74.1
130	73.4	31.4	94.0

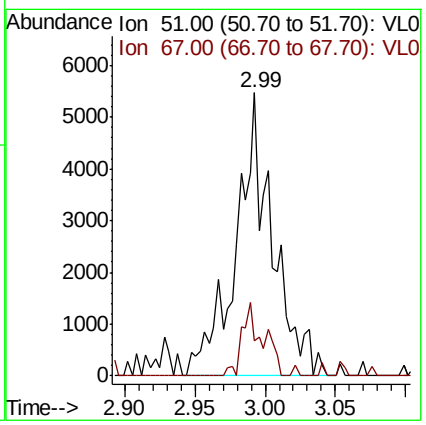


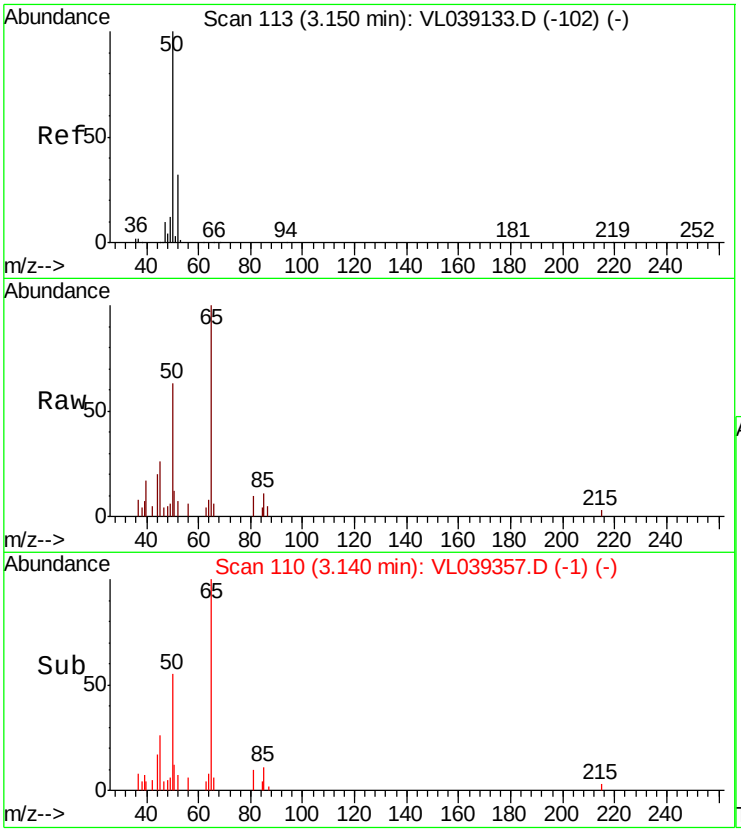


#3
Chlorodifluoromethane
Concen: 0.073 ppbv
RT: 2.99 min Scan# 64
Delta R.T. -0.01 min
Lab File: VL039357.D
Acq: 25 Jun 2022 1:50

Tgt Ion: 51 Resp: 9846

Ion	Ratio	Lower	Upper
51	100		
67	15.2	16.2	24.4#



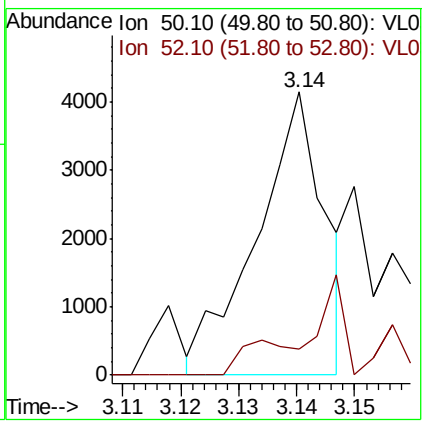


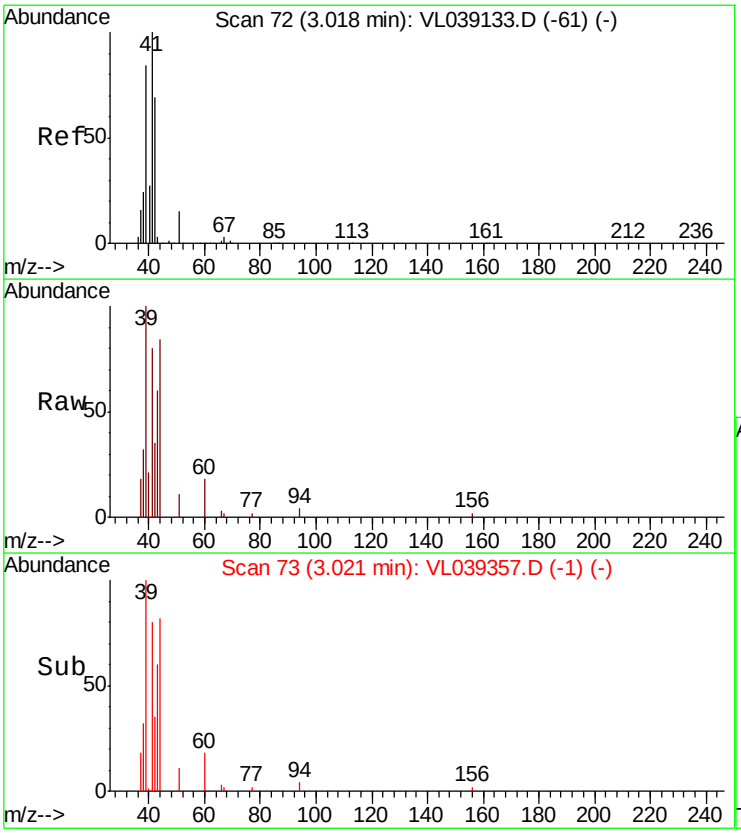
#4
Chloromethane
Concen: 0.048 ppbv
RT: 3.14
Delta R.T
Lab File:
Acq: 25 Jun 2022 1:50

Instrument :
MSVOA_L
ClientSampleId :
AA-1DL

Tgt Ion: 50 Resp: 3352

Ion	Ratio	Lower	Upper
50	100		
52	10.0	25.9	38.9#

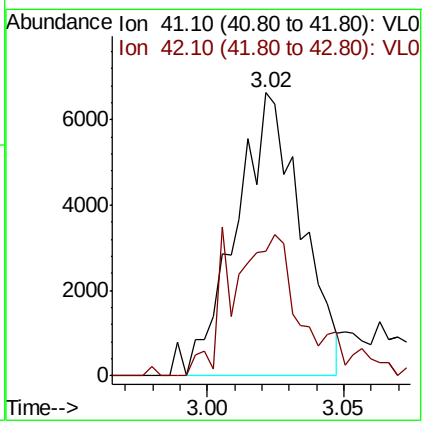


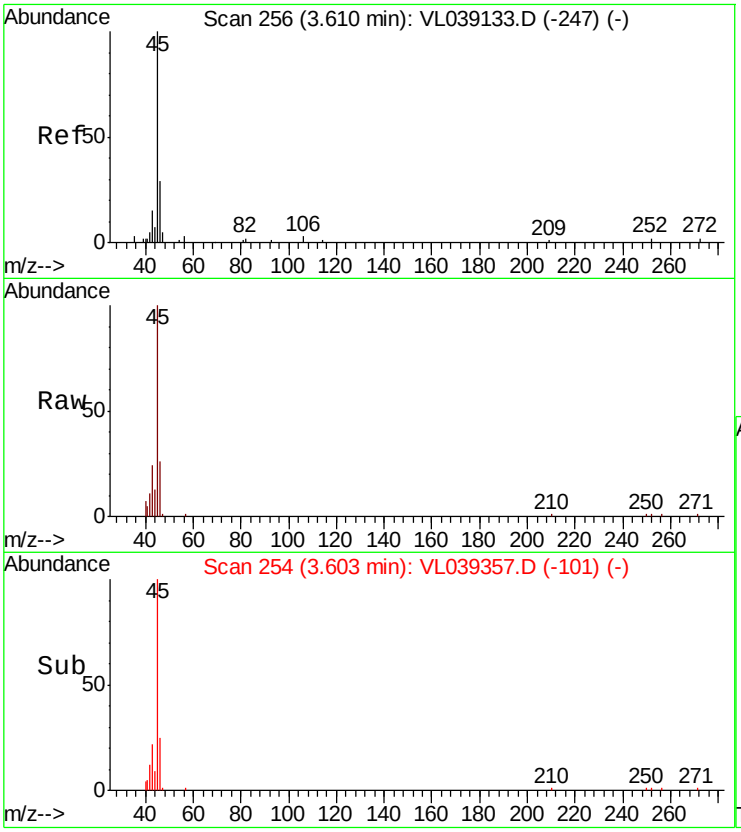


#9
Propene
Concen: 0.186 ppbv
RT: 3.02 min Scan# 73
Delta R.T. 0.00 min
Lab File: VL039357.D
Acq: 25 Jun 2022 1:50

Tgt Ion: 41 Resp: 10947

Ion	Ratio	Lower	Upper
41	100		
42	56.8	55.4	83.2



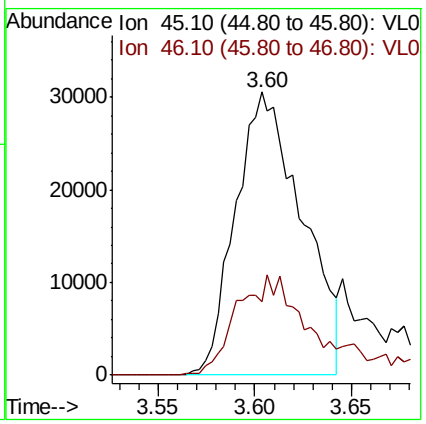


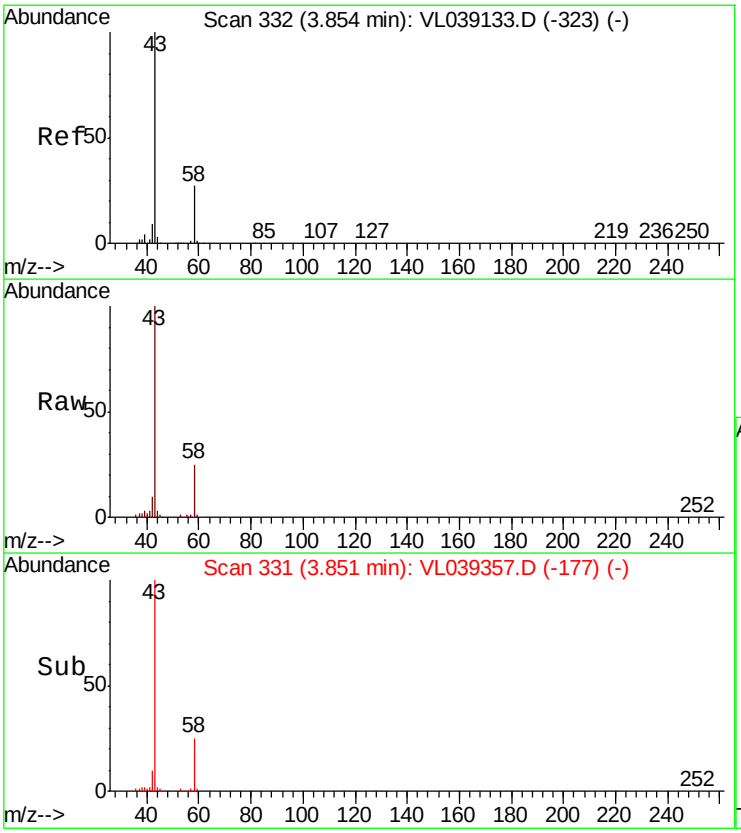
#13
Ethanol
Concen: 22.821 ppbv
RT: 3.60
Delta R.T
Lab File:
Acq: 25 Jun 2022 1:50

Instrument :
MSVOA_L
ClientSampleId :
AA-1DL

Tgt Ion: 45 Resp: 73366

Ion	Ratio	Lower	Upper
45	100		
46	39.9	0.0	0.0#

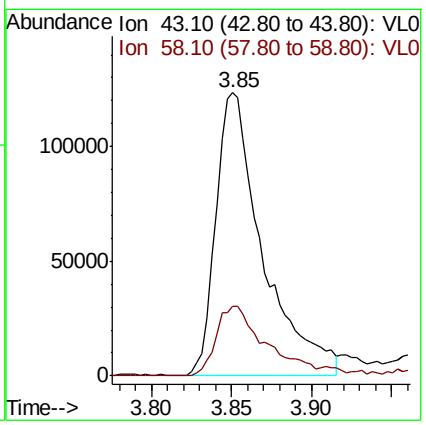


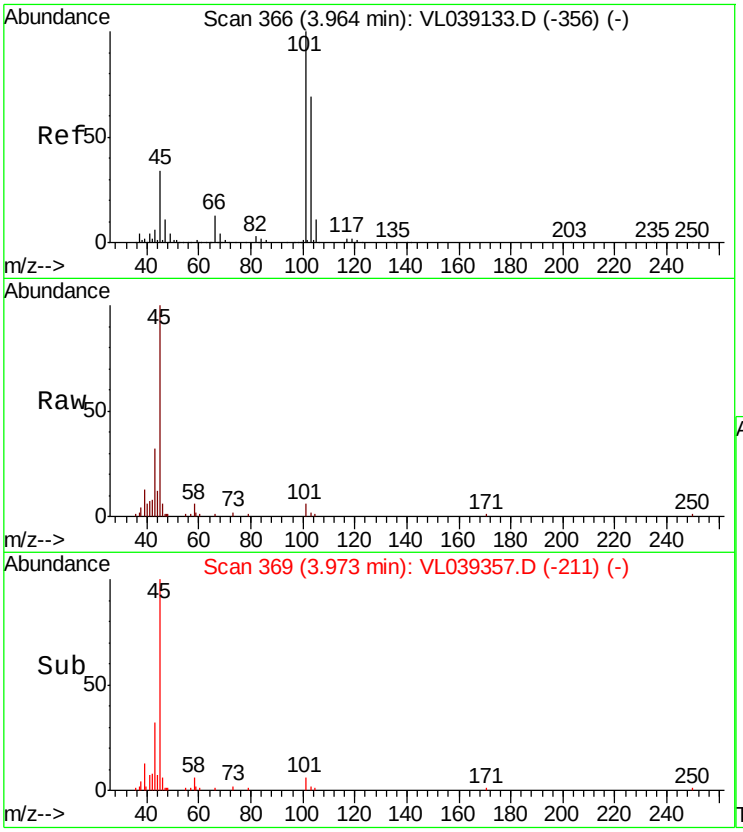


#15
Acetone
Concen: 2.239 ppbv
RT: 3.85 min Scan# 331
Delta R.T. -0.00 min
Lab File: VL039357.D
Acq: 25 Jun 2022 1:50

Tgt Ion: 43 Resp: 247799

Ion	Ratio	Lower	Upper
43	100		
58	28.3	22.5	33.7



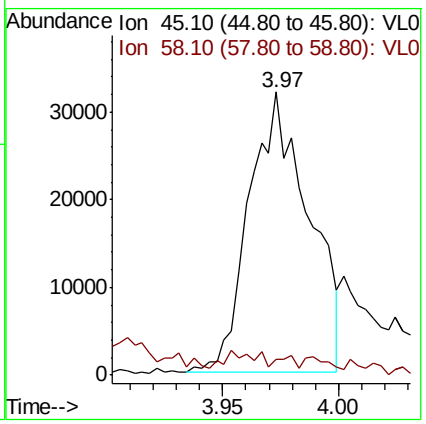


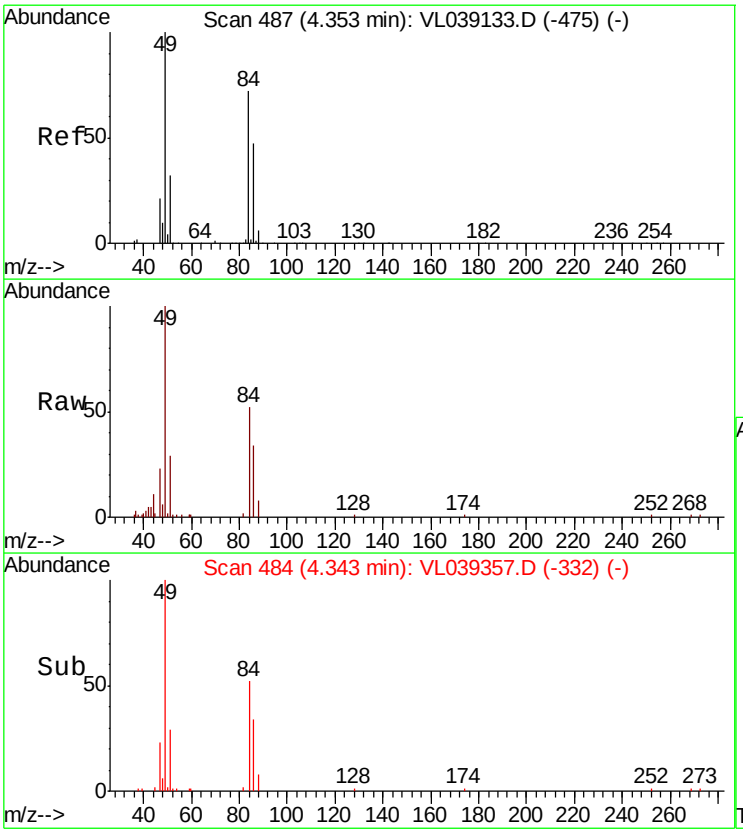
#19
Isopropyl Alcohol
Concen: 1.095 ppbv
RT: 3.97
Delta R.T
Lab File:
Acq: 25 Jun 2022 1:50

Instrument :
MSVOA_L
ClientSampleId :
AA-1DL

Tgt Ion: 45 Resp: 56836

Ion	Ratio	Lower	Upper
45	100		
58	14.6	1.8	2.8#

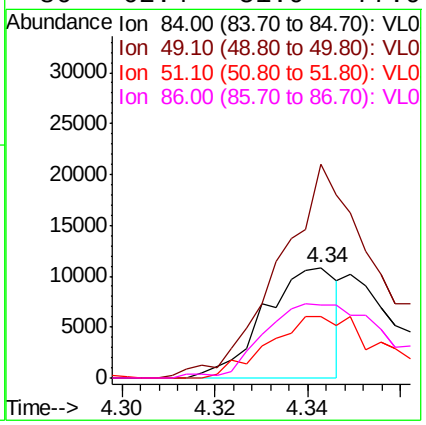


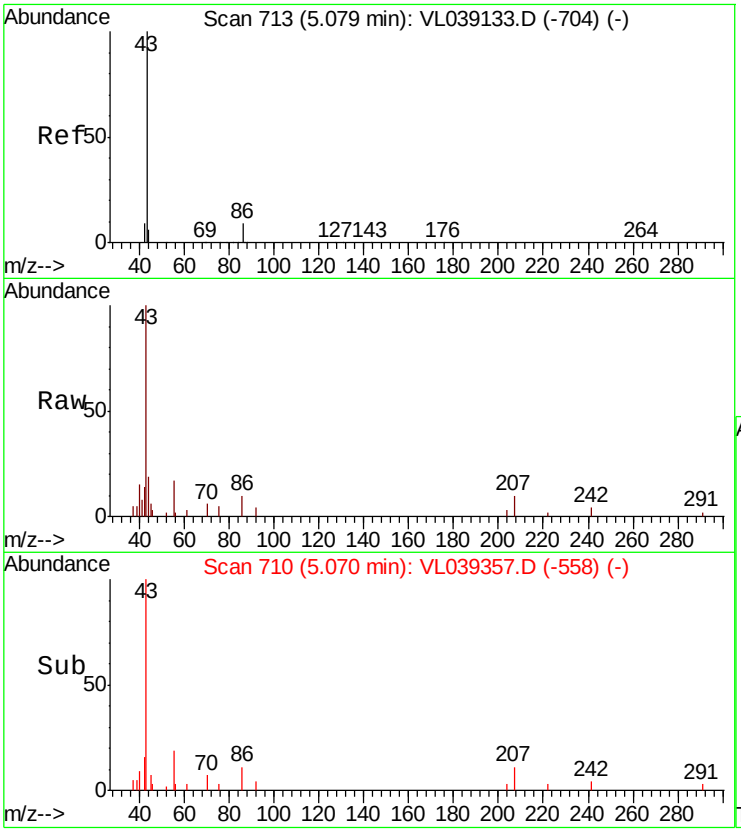


#20
Methylene Chloride
Concen: 0.253 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.01 min
Lab File: VL039357.D
Acq: 25 Jun 2022 1:50

Tgt Ion: 84 Resp: 11805

Ion	Ratio	Lower	Upper
84	100		
49	185.3	111.1	166.7#
51	55.7	35.3	52.9#
86	62.4	51.9	77.9



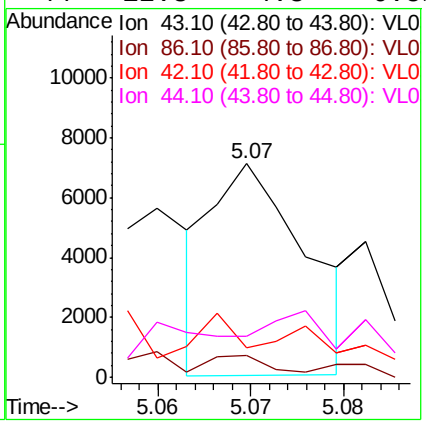


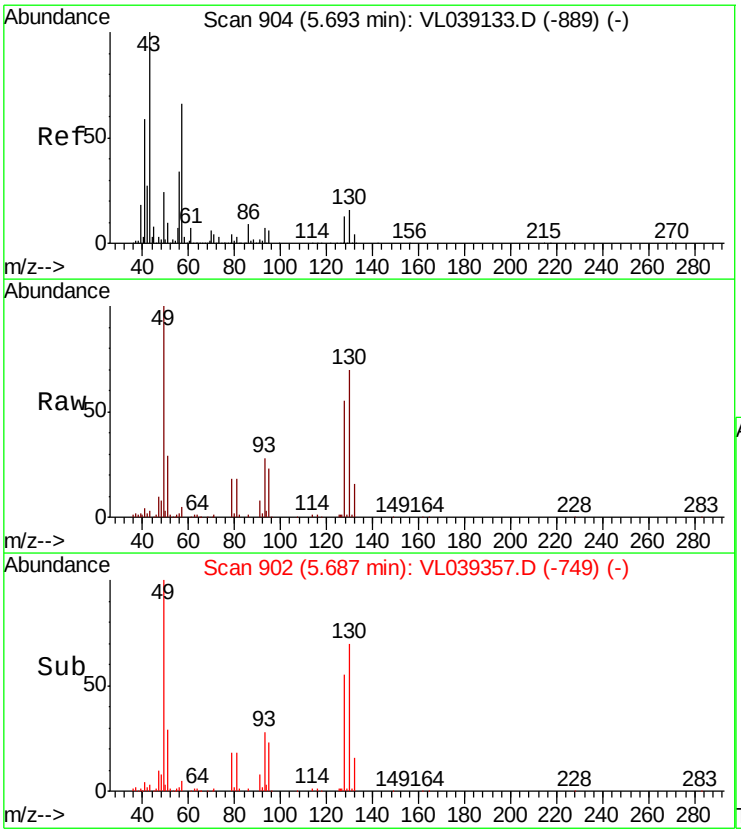
#23
Vinvl Acetate
Concen: 0.055 ppbv
RT: 5.07
Delta R.T
Lab File:
Acq: 25 Jun 2022 1:50

Instrument :
MSVOA_L
ClientSampleId :
AA-1DL

Tgt Ion: 43 Resp: 5010

Ion	Ratio	Lower	Upper
43	100		
86	15.6	6.0	9.0#
42	5.1	8.2	12.4#
44	12.8	4.3	6.5#

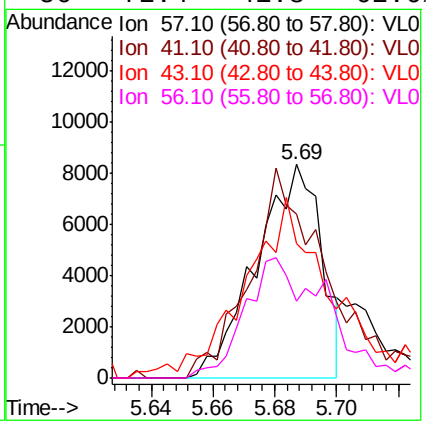


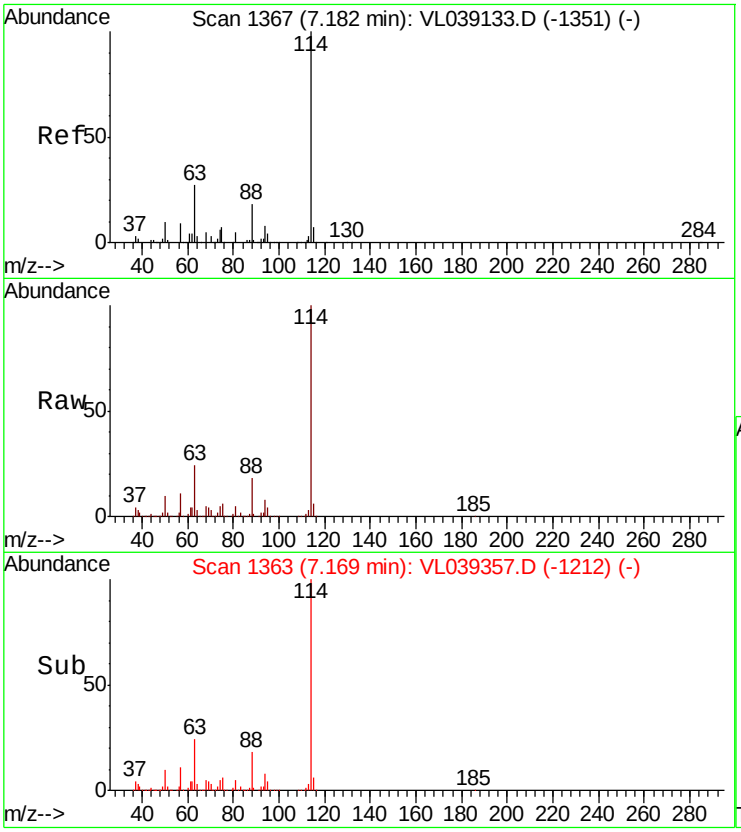


#26
Hexane
Concen: 0.111 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.01 min
Lab File: VL039357.D
Acq: 25 Jun 2022 1:50

Tgt Ion: 57 Resp: 12223

Ion	Ratio	Lower	Upper
57	100		
41	119.6	72.4	108.6#
43	113.8	187.0	280.6#
56	72.4	41.8	62.6#



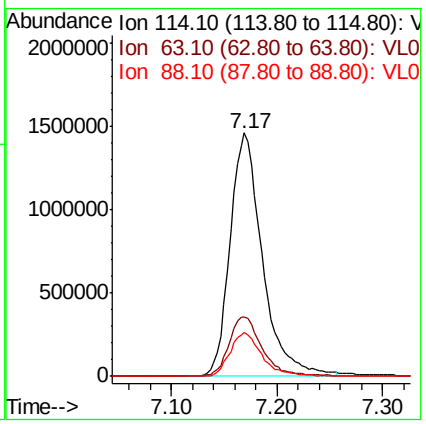


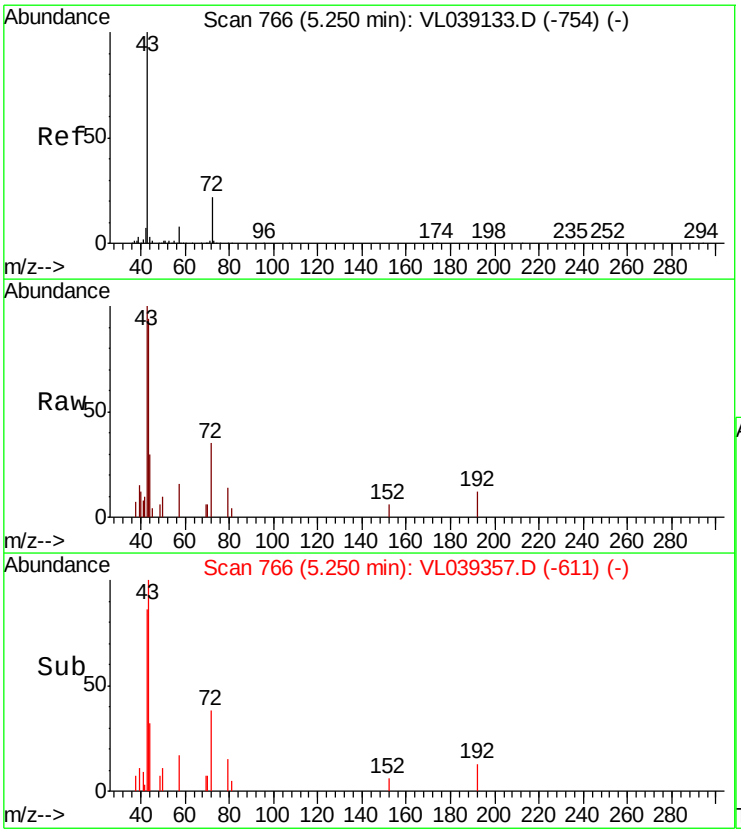
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 25 Jun 2022 1:50

Instrument :
MSVOA_L
ClientSampleId :
AA-1DL

Tgt Ion:114 Resp: 3107821

Ion	Ratio	Lower	Upper
114	100		
63	25.2	21.7	32.5
88	18.0	14.8	22.2

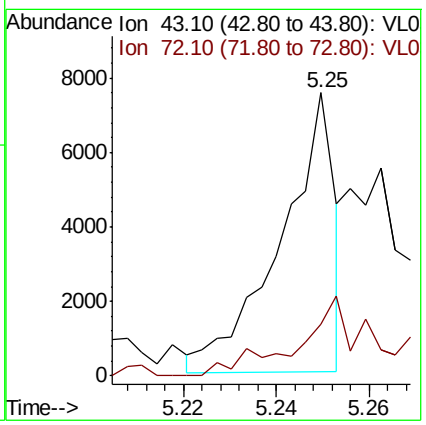


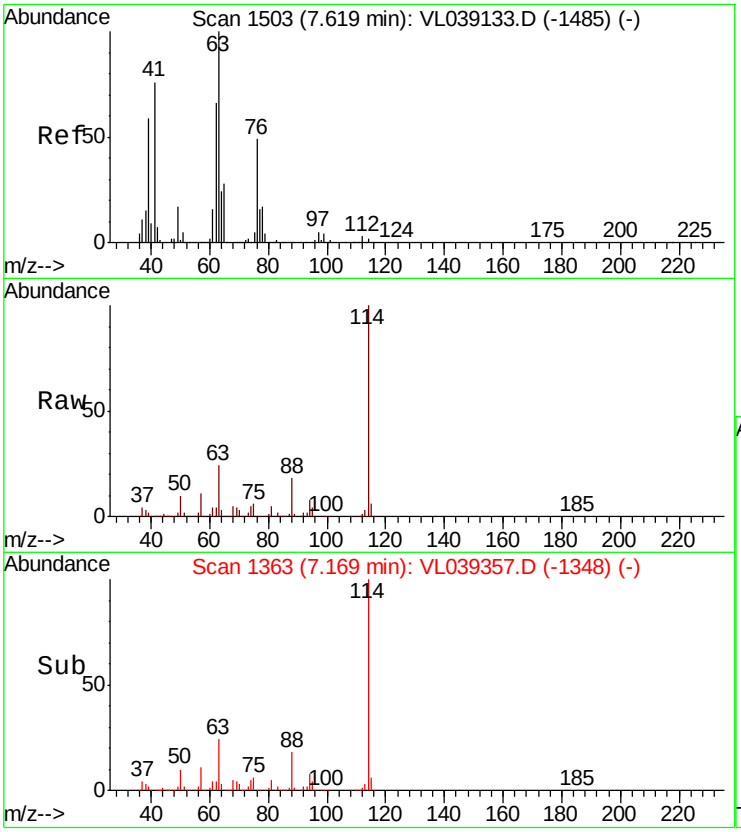


#34
2-Butanone
Concen: 0.036 ppbv
RT: 5.25 min Scan# 766
Delta R.T. -0.00 min
Lab File: VL039357.D
Acq: 25 Jun 2022 1:50

Tgt Ion: 43 Resp: 6030

Ion	Ratio	Lower	Upper
43	100		
72	46.8	18.2	27.2#



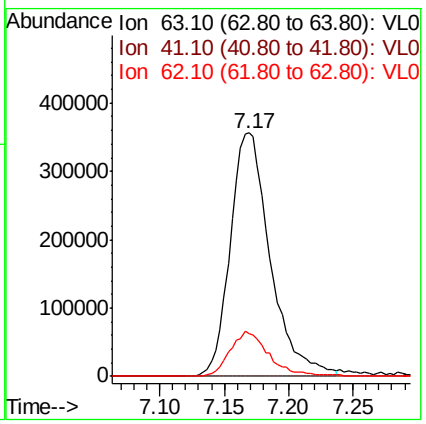


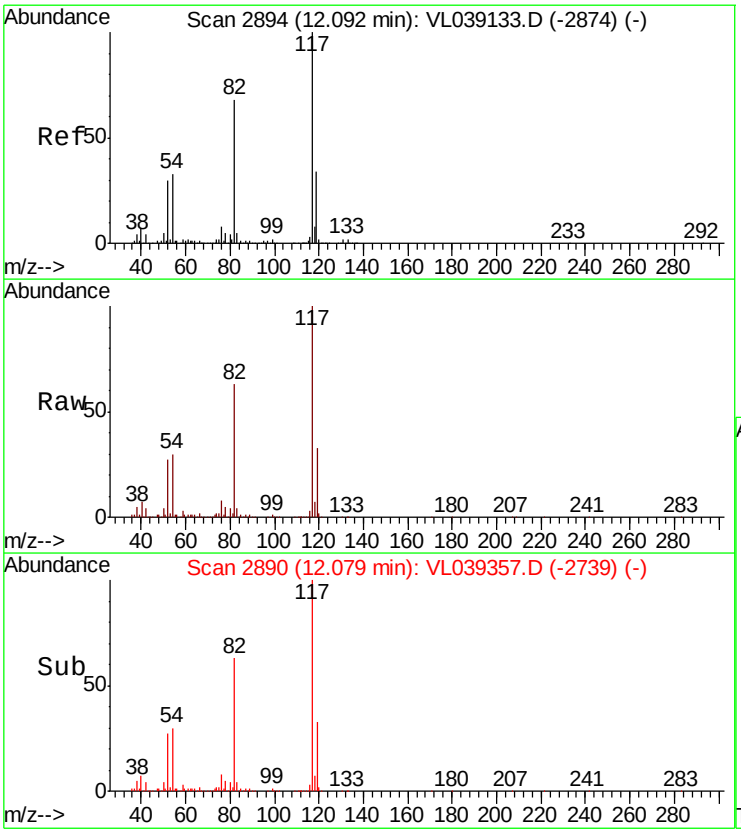
#39
1,2-Dichloropropane
Concen: 7.662 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 25 Jun 2022 1:50

Instrument :
MSVOA_L
ClientSampleId :
AA-1DL

Tgt Ion: 63 Resp: 768903

Ion	Ratio	Lower	Upper
63	100		
41	0.1	60.8	91.2#
62	17.5	52.9	79.3#

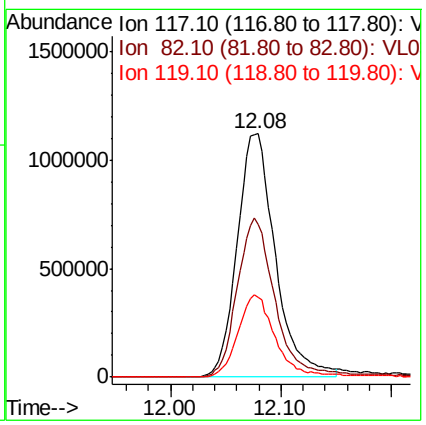


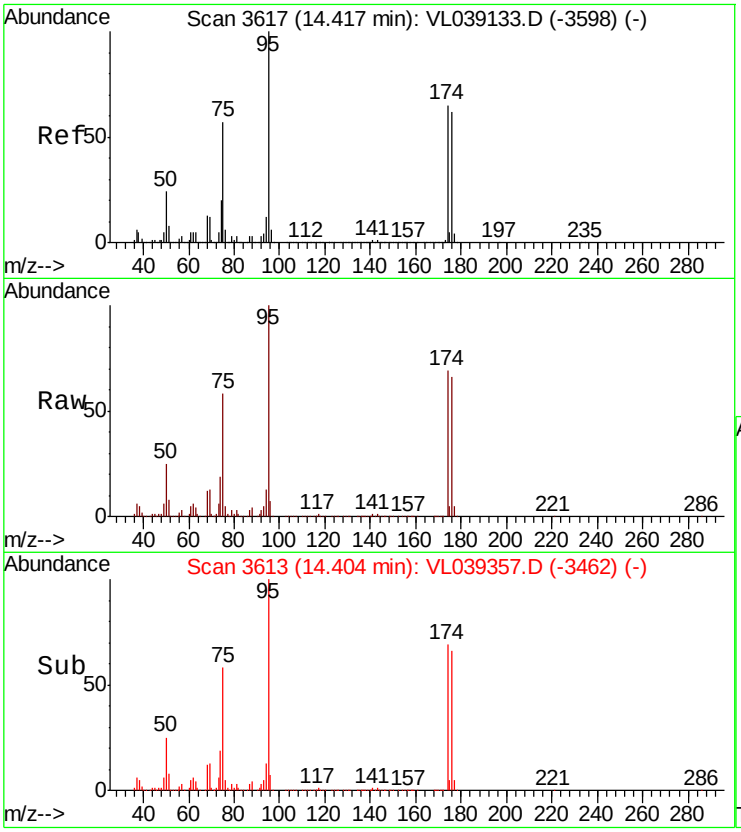


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2890
Delta R.T. -0.01 min
Lab File: VL039357.D
Acq: 25 Jun 2022 1:50

Tgt Ion:117 Resp: 2702643

Ion	Ratio	Lower	Upper
117	100		
82	66.3	55.1	82.7
119	33.8	24.7	37.1





#68
1-Bromo-4-Fluorobenzene
Concen: 8.937 ppbv
RT: 14.40
Delta R.T
Lab File:
Acq: 25 Jun 2022 1:50

Instrument :
MSVOA_L
ClientSampleId :
AA-1DL

Tgt Ion: 95 Resp: 1996844

Ion	Ratio	Lower	Upper
95	100		
174	71.5	53.8	80.8
175	5.2	4.1	6.1