Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL072522\
Data File : VL039533.D
Acq On : 26 Jul 2022 7:12
Operator : SY/AP
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Jul 26 08:08:09 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 06 02:15:38 2022
QLast Update : Wed Jul 06 02:15:38 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	939657	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.17	114	2636081	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.08	117	2263589	10.00	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	1657953	9.87	ppbv	0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.70%			
Target Compounds						Qvalue
9) Propene	3.02	41	5331	0.099	ppbv #	2
13) Ethanol	3.60	45	471	0.151	ppbv #	23
15) Acetone	3.87	43	24519	0.221	ppbv #	77
20) Methylene Chloride	4.34	84	22224	0.502	ppbv #	66
25) Ethyl Acetate	5.68	43	8306	0.036	ppbv #	75
26) Hexane	5.68	57	11577	0.126	ppbv #	49
39) 1,2-Dichloropropane	7.22	63	8506	0.112	ppbv #	19

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

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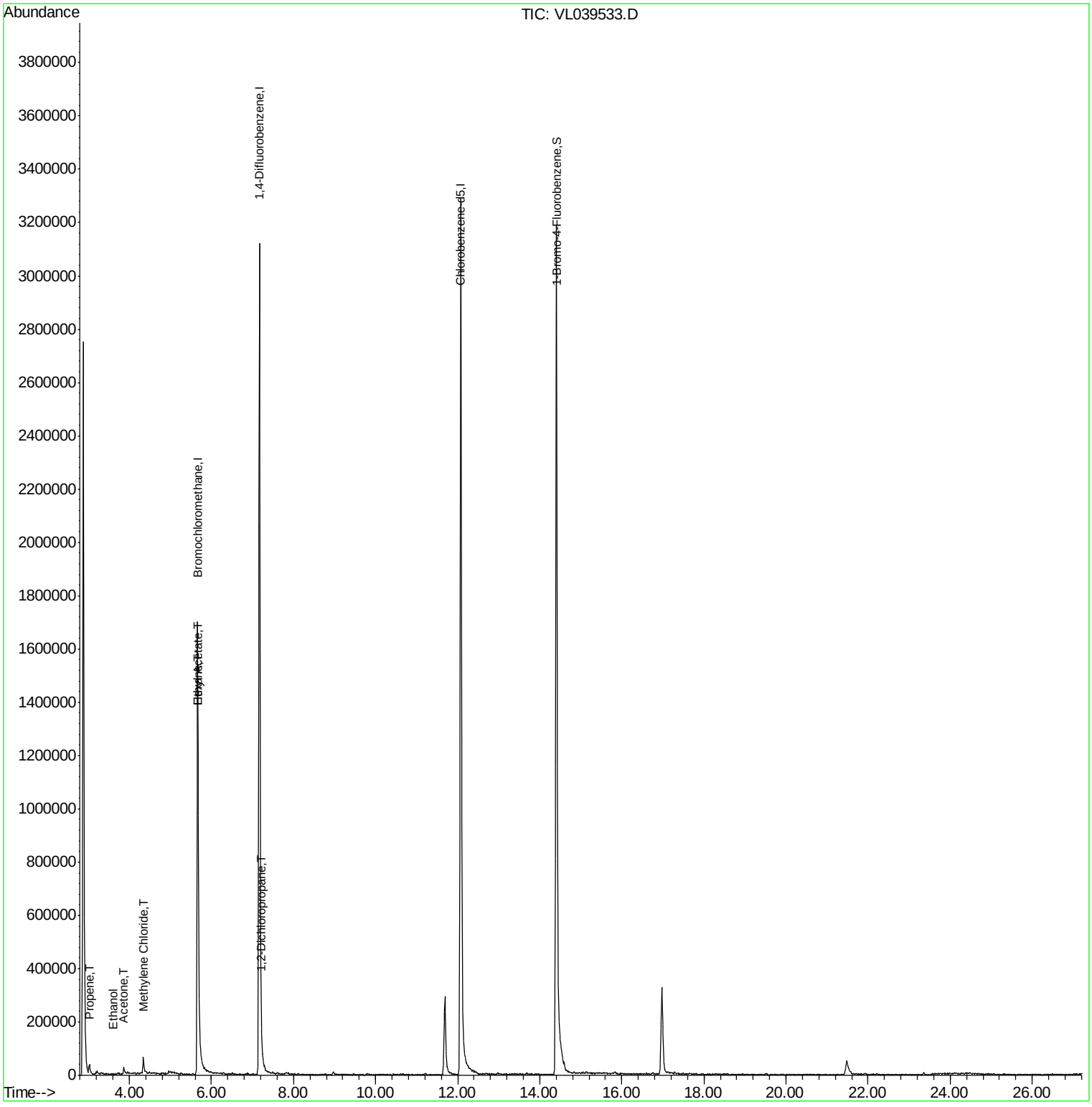
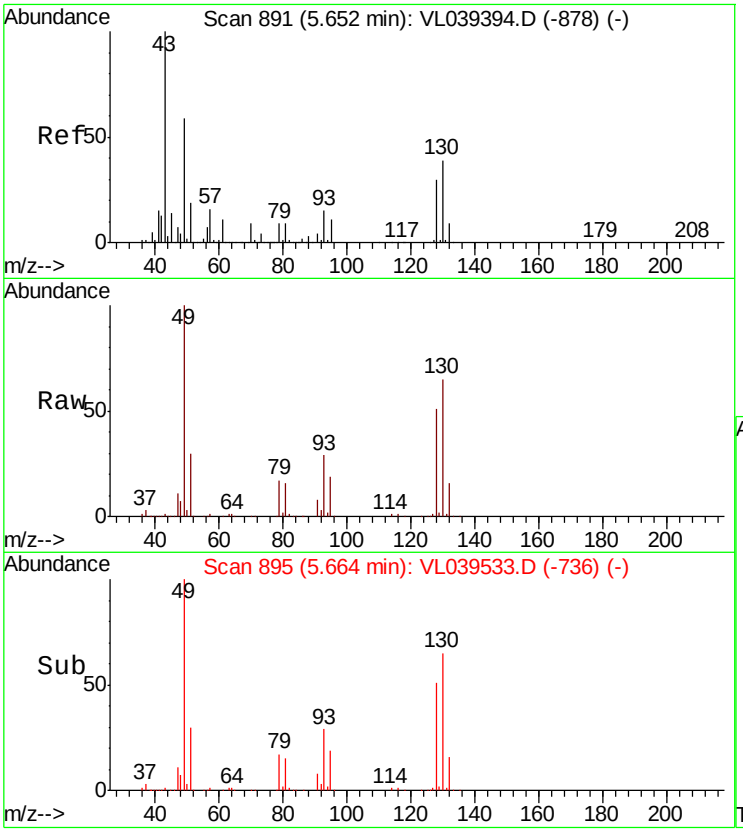


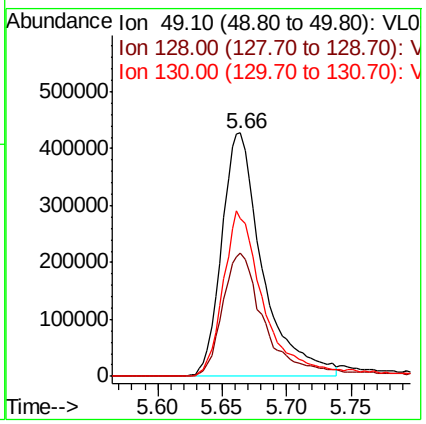


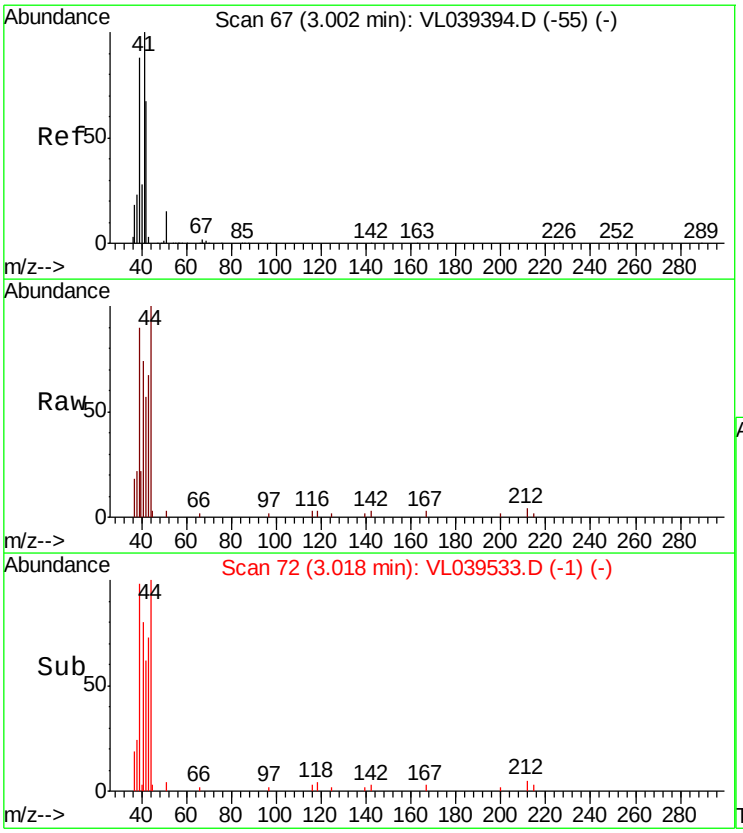
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 26 Jul 2022 7:12

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 49 Resp: 939657

Ion	Ratio	Lower	Upper
49	100		
128	55.2	26.7	80.0
130	70.5	34.3	102.8

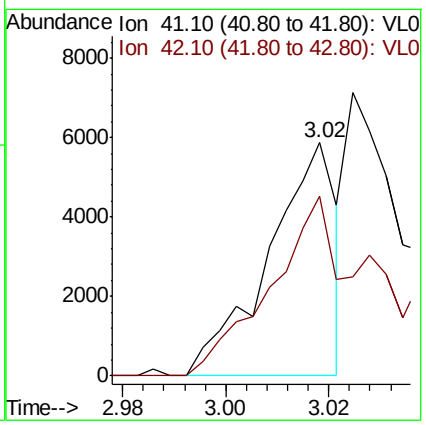


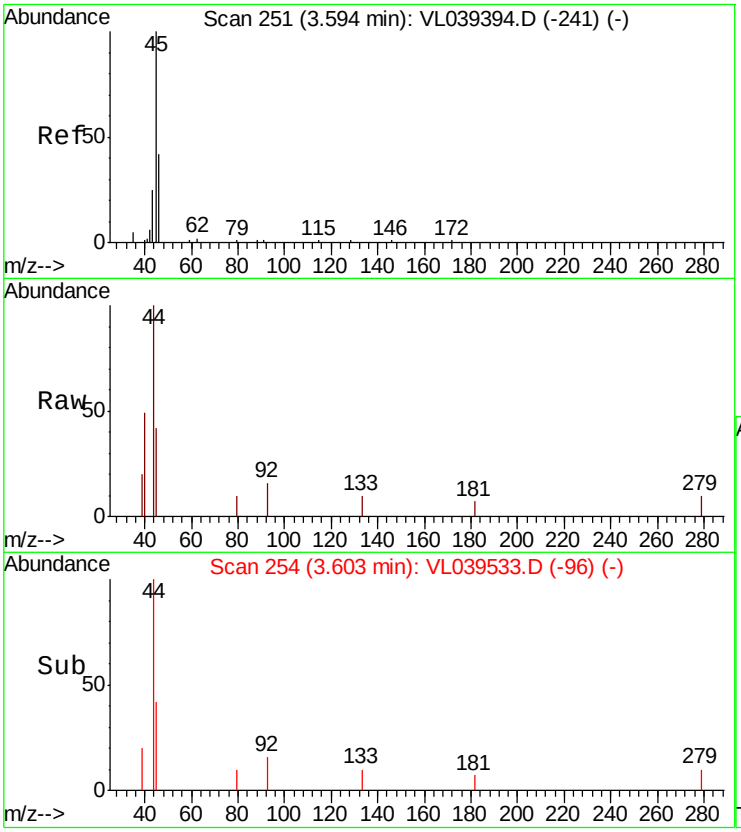


#9
Propene
Concen: 0.099 ppbv
RT: 3.02 min Scan# 72
Delta R.T. 0.02 min
Lab File: VL039533.D
Acq: 26 Jul 2022 7:12

Tgt Ion: 41 Resp: 5331

Ion	Ratio	Lower	Upper
41	100		
42	148.7	55.2	82.8#



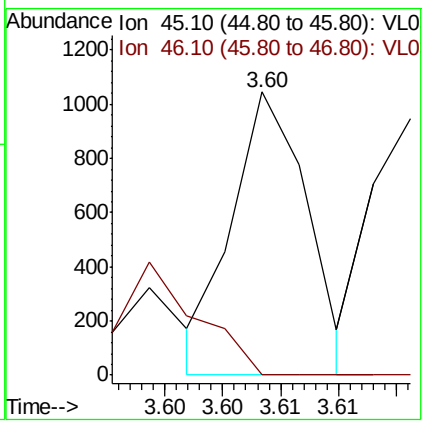


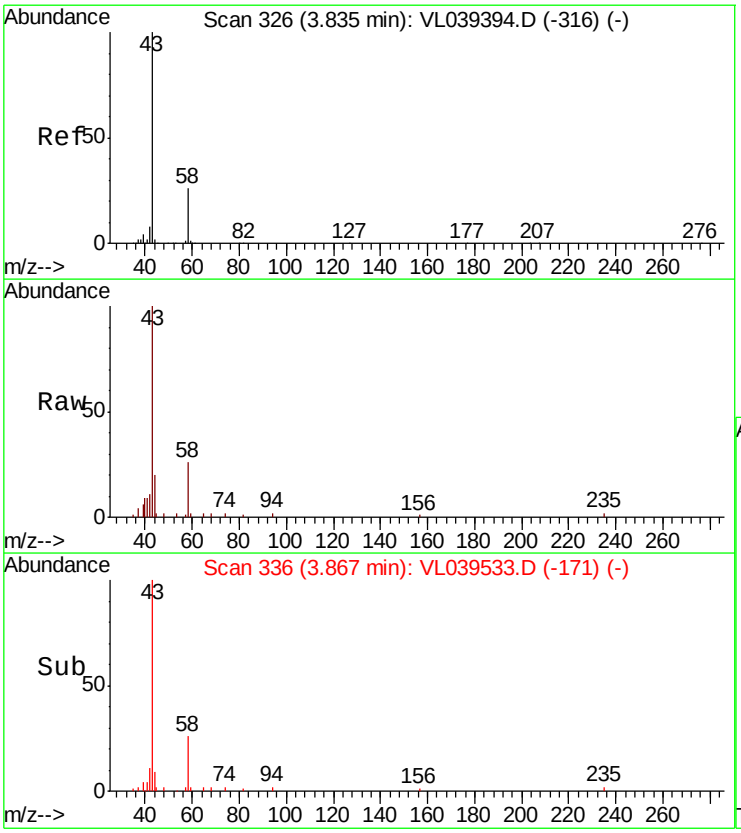
#13
Ethanol
Concen: 0.151 ppbv
RT: 3.60
Delta R.T
Lab File:
Acq: 26 Jul 2022 7:12

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 45 Resp: 471

Ion	Ratio	Lower	Upper
45	100		
46	0.0	22.8	91.2#

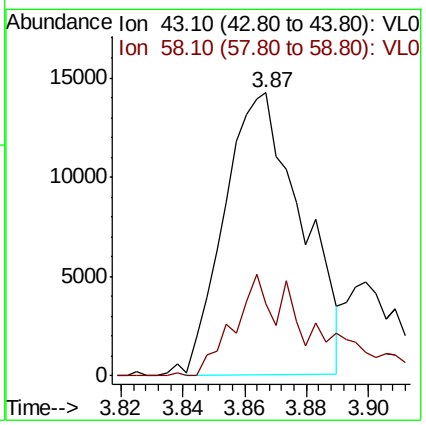


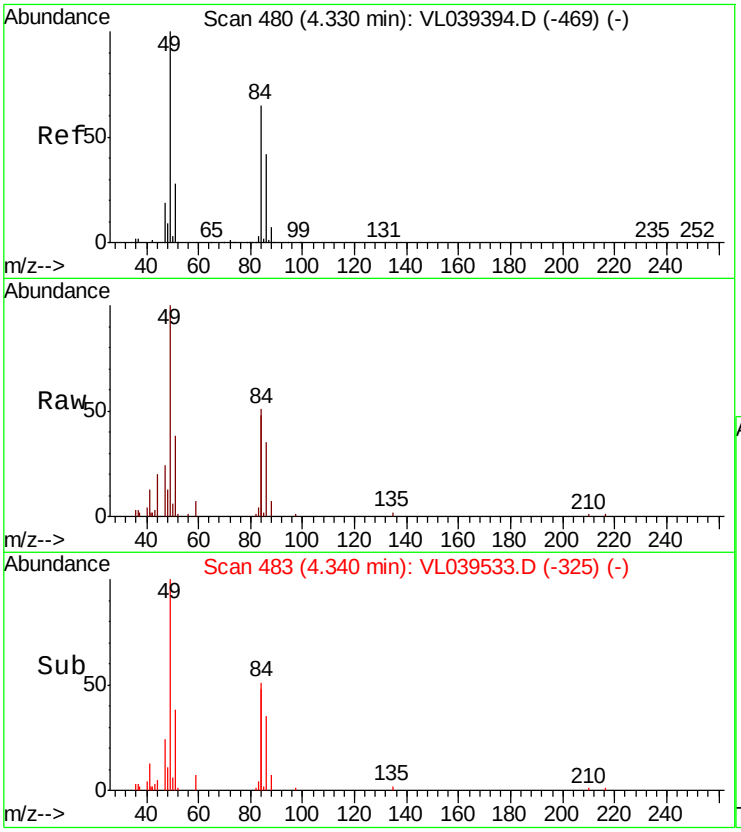


#15
Acetone
Concen: 0.221 ppbv
RT: 3.87 min Scan# 336
Delta R.T. 0.03 min
Lab File: VL039533.D
Acq: 26 Jul 2022 7:12

Tgt Ion: 43 Resp: 24519

Ion	Ratio	Lower	Upper
43	100		
58	38.2	21.0	31.6#



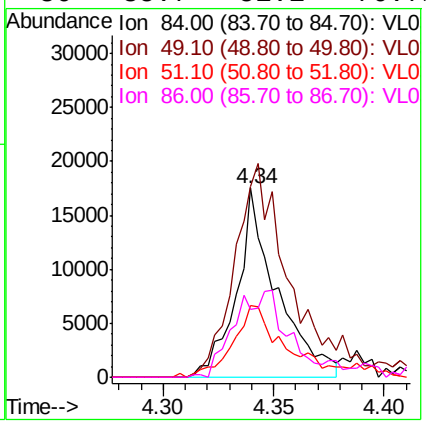


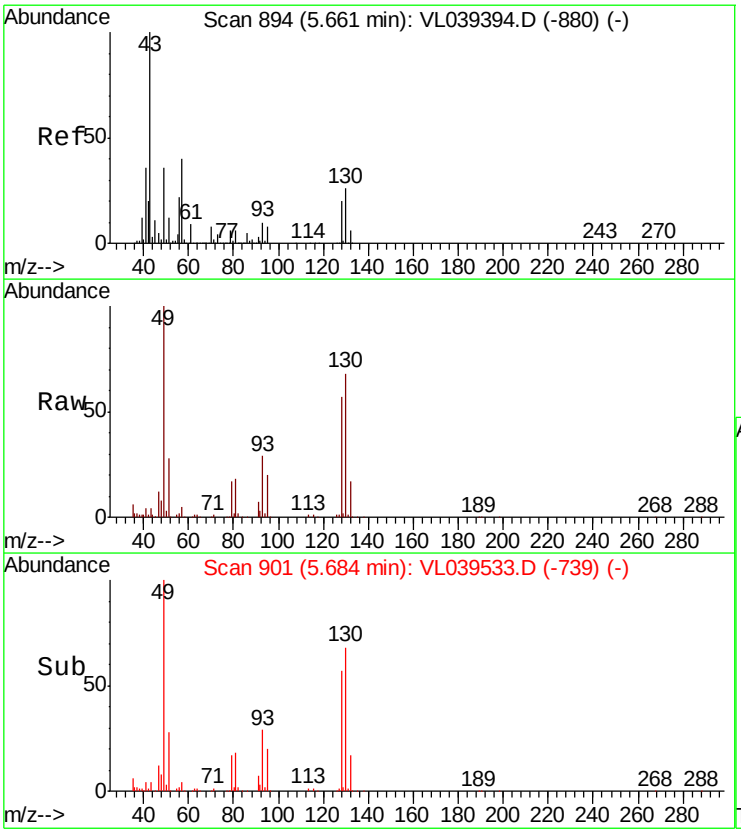
#20
Methylene Chloride
Concen: 0.502 ppbv
RT: 4.34
Delta R.T
Lab File:
Acq: 26 Jul 2022 7:12

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 84 Resp: 22224

Ion	Ratio	Lower	Upper
84	100		
49	100.7	123.1	184.7#
51	37.9	34.4	51.6
86	35.7	51.1	76.7#

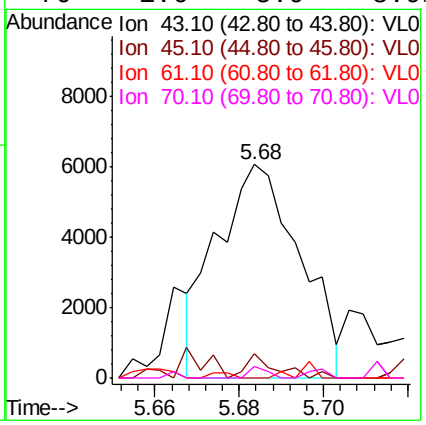


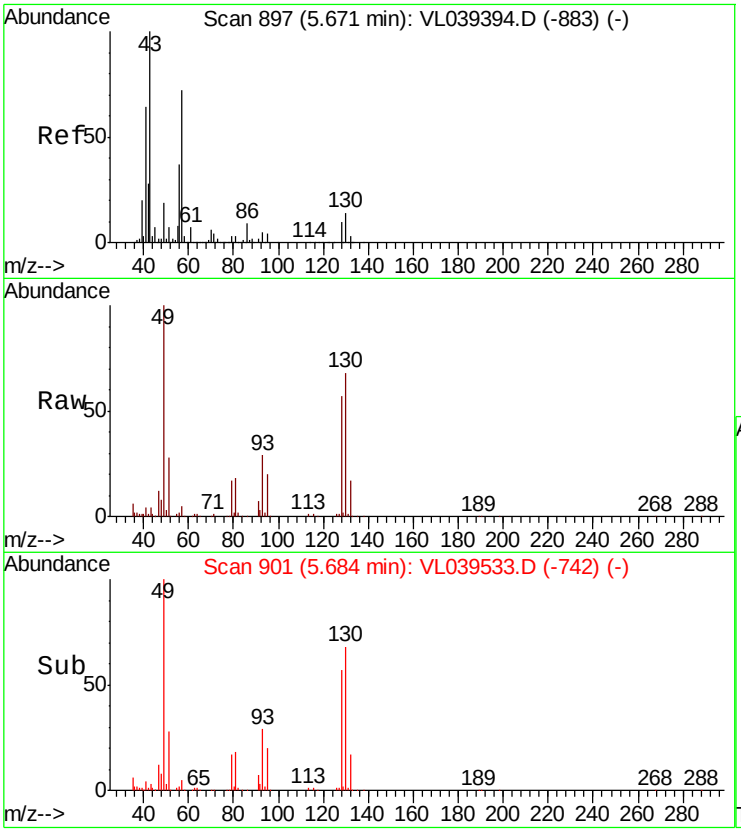


#25
Ethyl Acetate
Concen: 0.036 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.02 min
Lab File: VL039533.D
Acq: 26 Jul 2022 7:12

Tgt Ion: 43 Resp: 8306

Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.2	12.4#
61	0.0	8.3	12.5#
70	1.6	5.9	8.9#



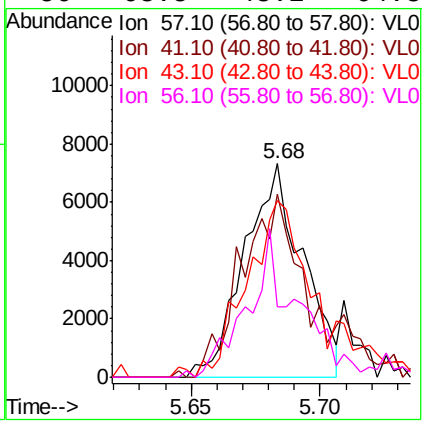


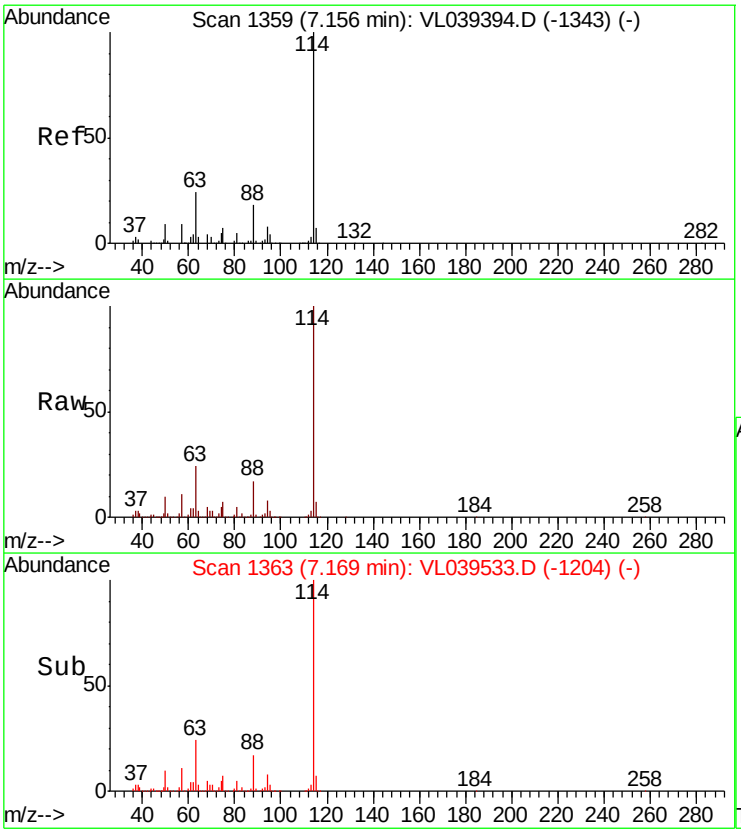
#26
Hexane
Concen: 0.126 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 26 Jul 2022 7:12

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 57 Resp: 11577

Ion	Ratio	Lower	Upper
57	100		
41	102.1	76.9	115.3
43	108.1	191.0	286.6#
56	63.5	43.2	64.8

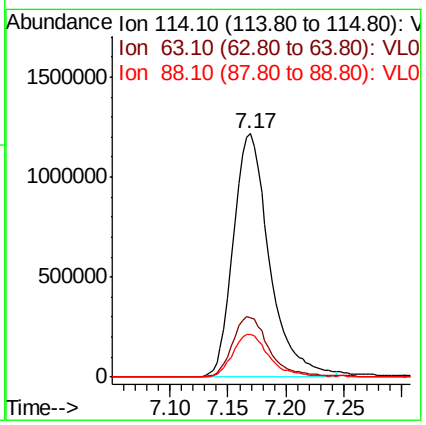


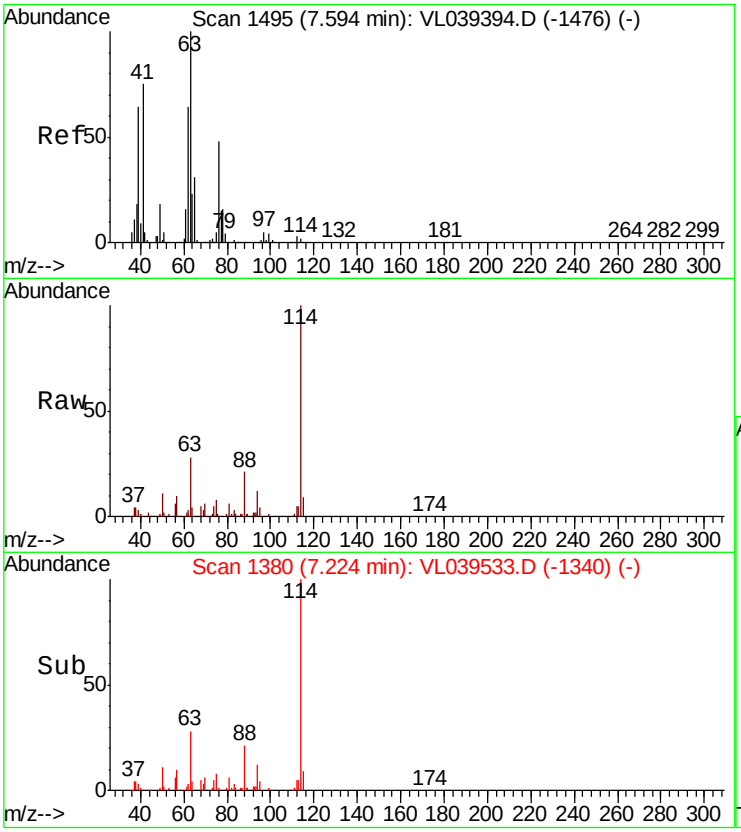


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VL039533.D
Acq: 26 Jul 2022 7:12

Tgt Ion:114 Resp: 2636081

Ion	Ratio	Lower	Upper
114	100		
63	25.6	20.2	30.4
88	18.2	14.5	21.7



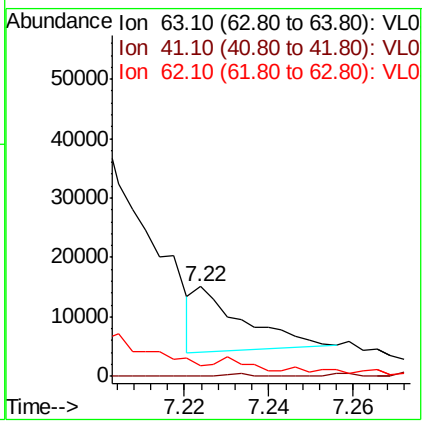


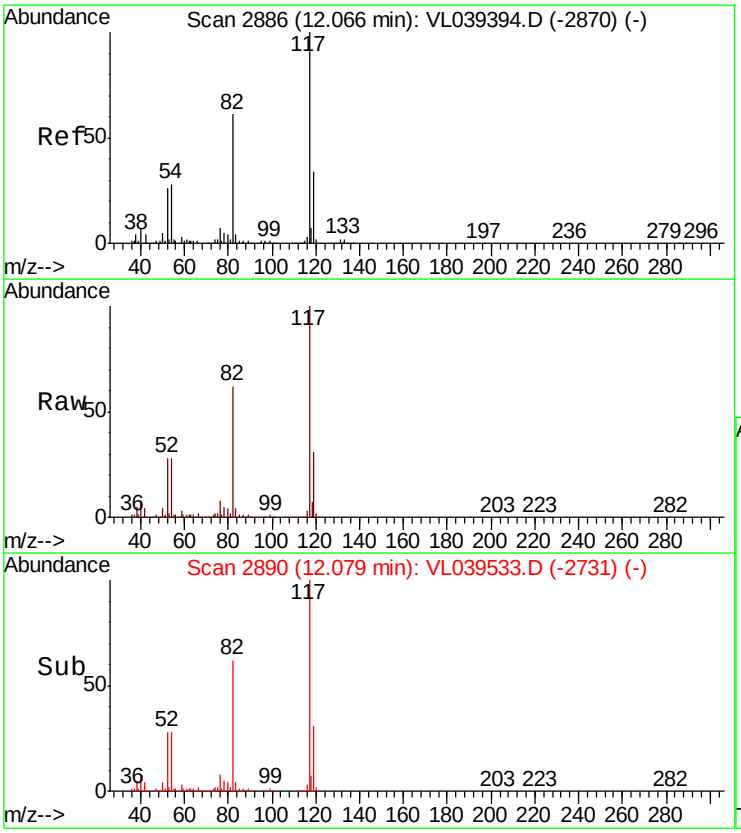
#39
1,2-Dichloropropane
Concen: 0.112 ppbv
RT: 7.22
Delta R.T
Lab File:
Acq: 26 Jul 2022 7:12

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 63 Resp: 8506

Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.6	89.4#
62	6.4	51.4	77.0#

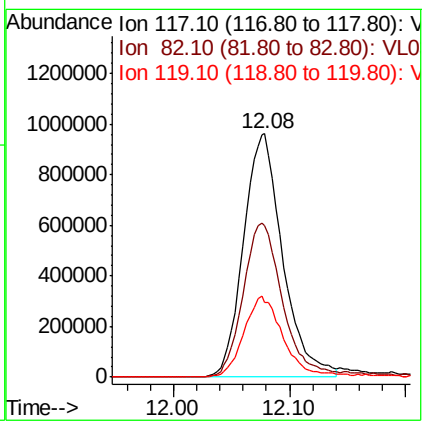


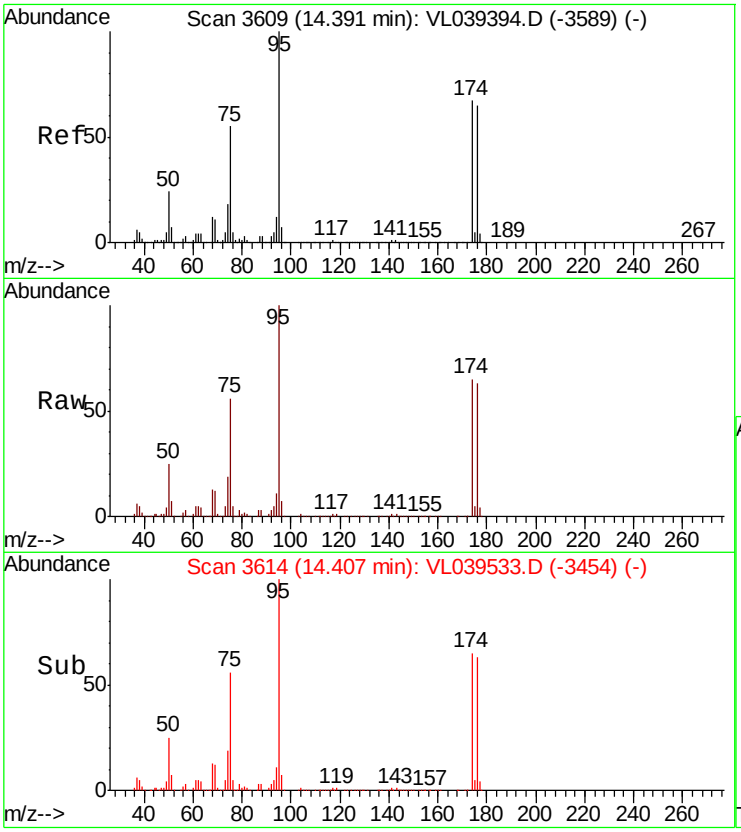


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2890
Delta R.T. 0.01 min
Lab File: VL039533.D
Acq: 26 Jul 2022 7:12

Tgt Ion:117 Resp: 2263589

Ion	Ratio	Lower	Upper
117	100		
82	67.1	50.8	76.2
119	34.4	24.1	36.1





#68
1-Bromo-4-Fluorobenzene
Concen: 9.873 ppbv
RT: 14.41
Delta R.T
Lab File:
Acq: 26 Jul 2022 7:12

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 95 Resp: 1657953

Ion	Ratio	Lower	Upper
95	100		
174	72.9	55.9	83.9
175	5.1	4.2	6.4