Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062722\
Data File : VL039370.D
Acq On : 27 Jun 2022 22:27
Operator : SY/AP
Sample : N3453-08DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-2DL

Quant Time: Jun 28 02:39:25 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	1088653	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	3173476	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.08	117	2734287	10.00	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2000174	8.85	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 88.50%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.98	51	10113	0.073	ppbv #	81
9) Propene	3.02	41	8045	0.133	ppbv #	75
13) Ethanol	3.60	45	23900	7.256	ppbv #	100
15) Acetone	3.86	43	37539	0.331	ppbv #	77
20) Methylene Chloride	4.34	84	10370	0.217	ppbv #	79
23) Vinyl Acetate	5.06	43	3432	0.037	ppbv #	42
26) Hexane	5.68	57	6005	0.053	ppbv #	41
39) 1,2-Dichloropropane	7.17	63	774767	7.560	ppbv #	25

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

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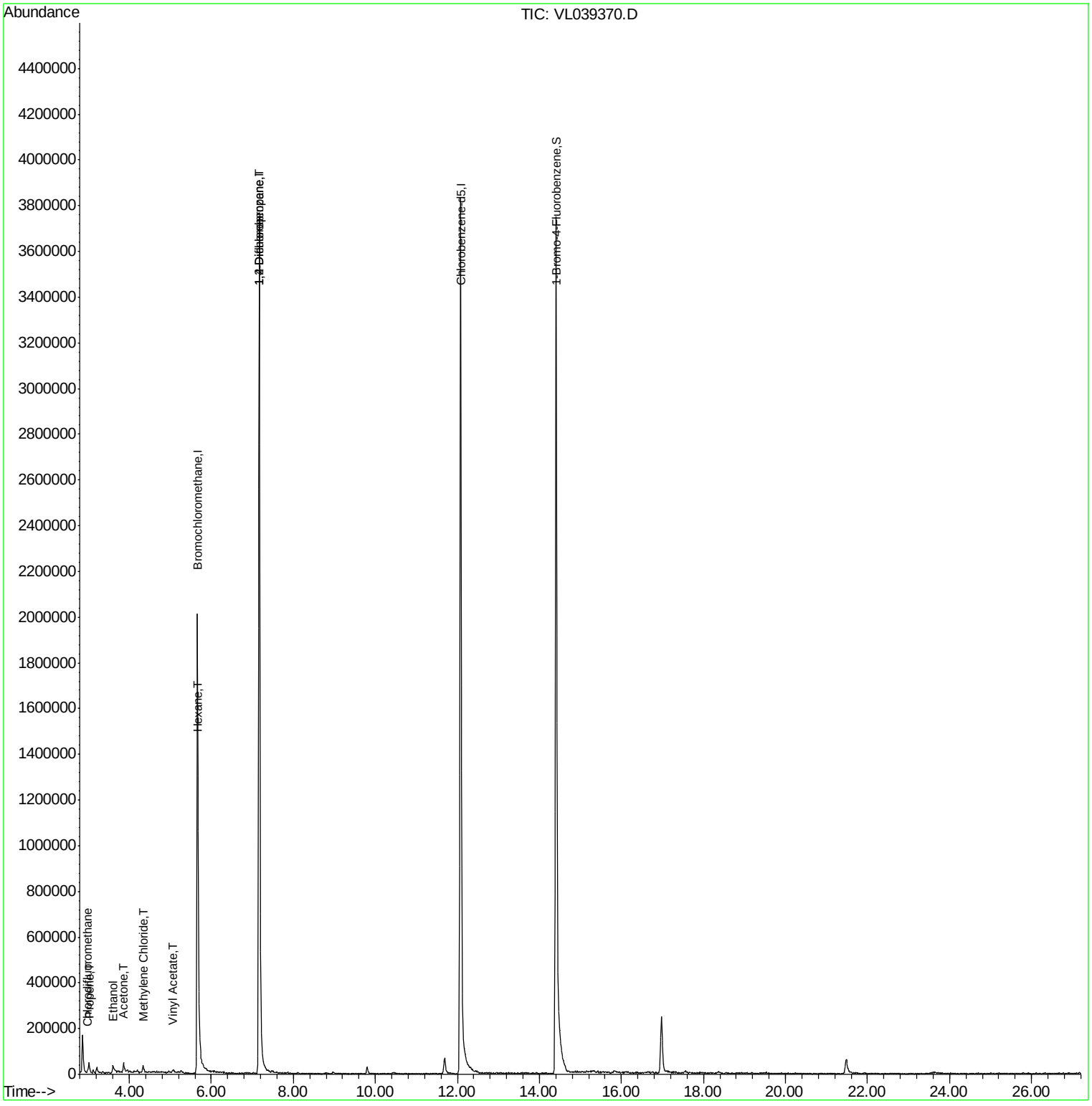
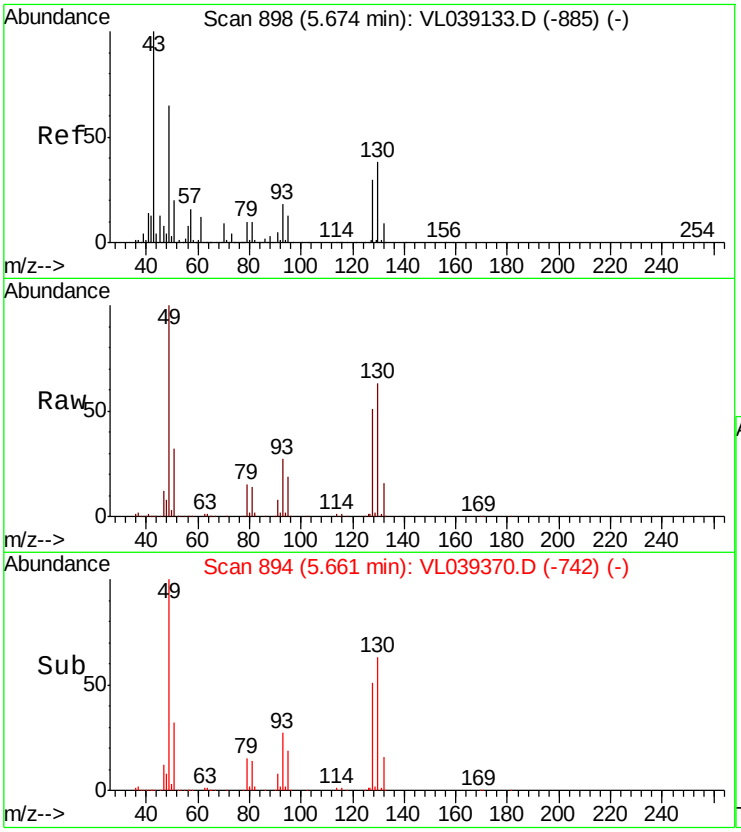


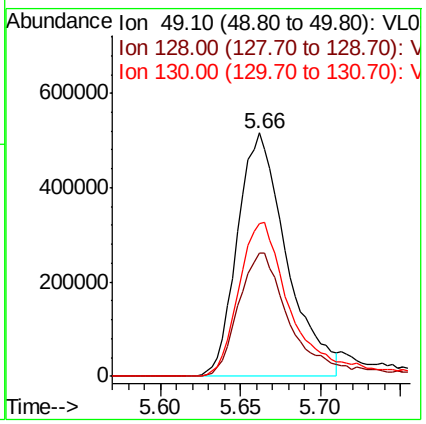


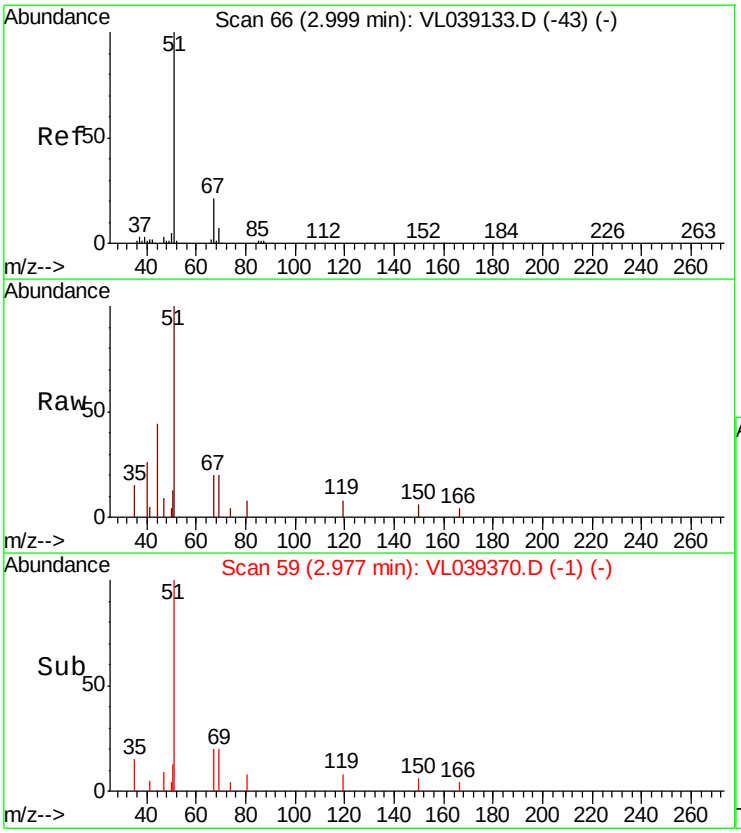
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 27 Jun 2022 22:27

Instrument :
MSVOA_L
ClientSampleId :
IA-2DL

Tgt Ion: 49 Resp: 1088653

Ion	Ratio	Lower	Upper
49	100		
128	56.5	24.7	74.1
130	71.0	31.4	94.0

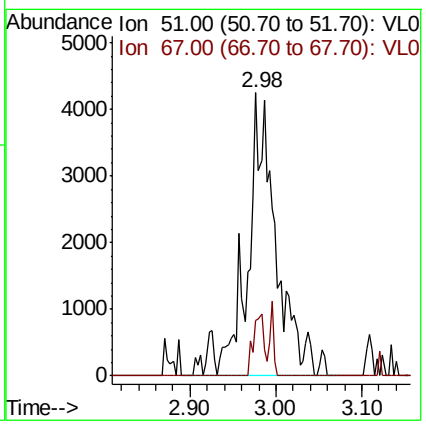


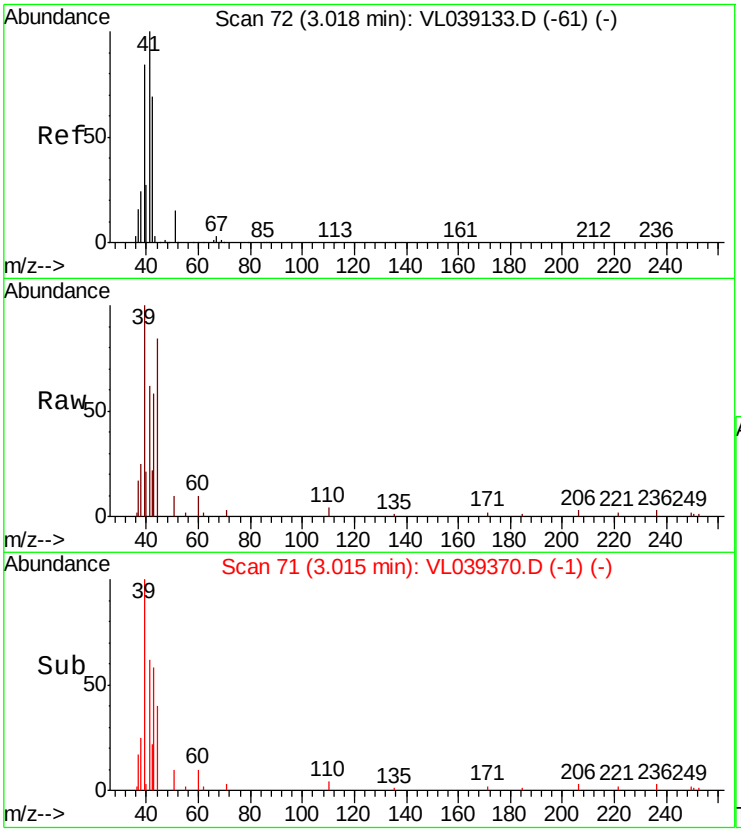


#3
Chlorodifluoromethane
Concen: 0.073 ppbv
RT: 2.98 min Scan# 59
Delta R.T. -0.02 min
Lab File: VL039370.D
Acq: 27 Jun 2022 22:27

Tgt Ion: 51 Resp: 10113

Ion	Ratio	Lower	Upper
51	100		
67	11.3	16.2	24.4#



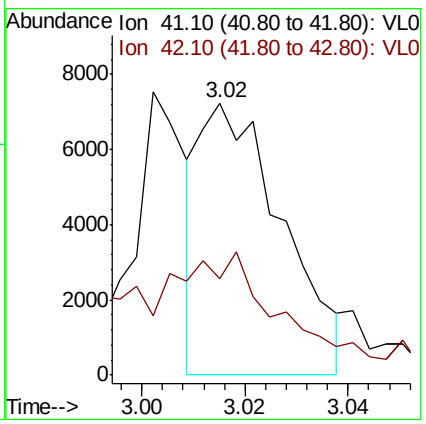


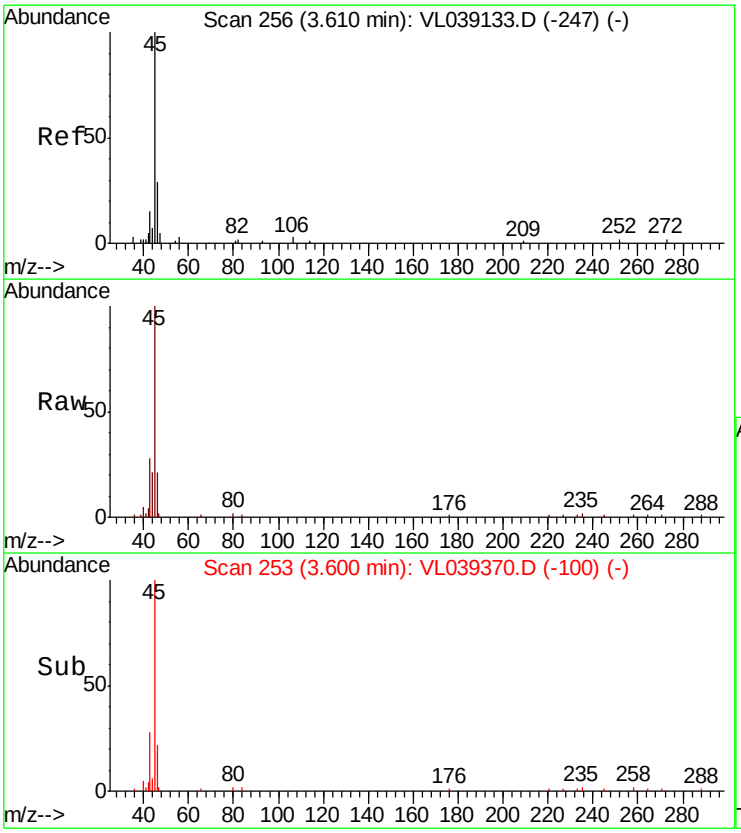
#9
Propene
Concen: 0.133 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 27 Jun 2022 22:27

Instrument :
MSVOA_L
ClientSampleId :
IA-2DL

Tgt Ion: 41 Resp: 8045

Ion	Ratio	Lower	Upper
41	100		
42	89.9	55.4	83.2#

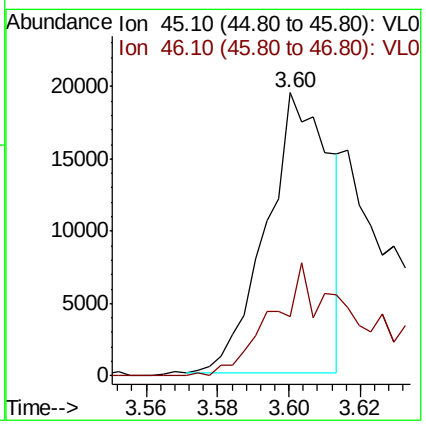


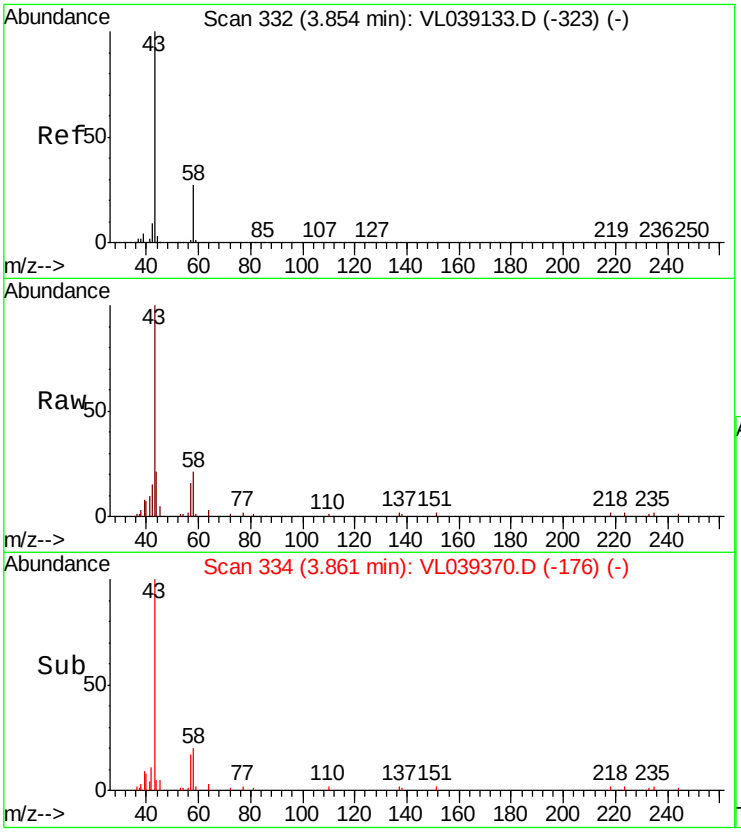


#13
Ethanol
Concen: 7.256 ppbv
RT: 3.60 min Scan# 253
Delta R.T. -0.01 min
Lab File: VL039370.D
Acq: 27 Jun 2022 22:27

Tgt Ion: 45 Resp: 23900

Ion	Ratio	Lower	Upper
45	100		
46	71.3	0.0	0.0#



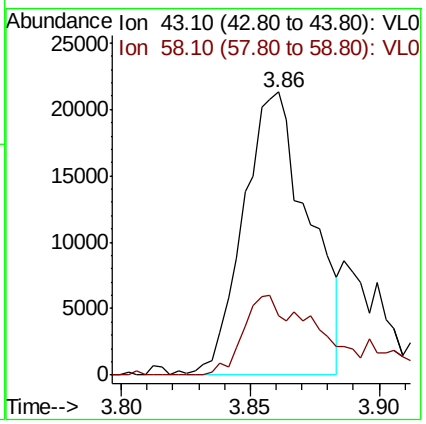


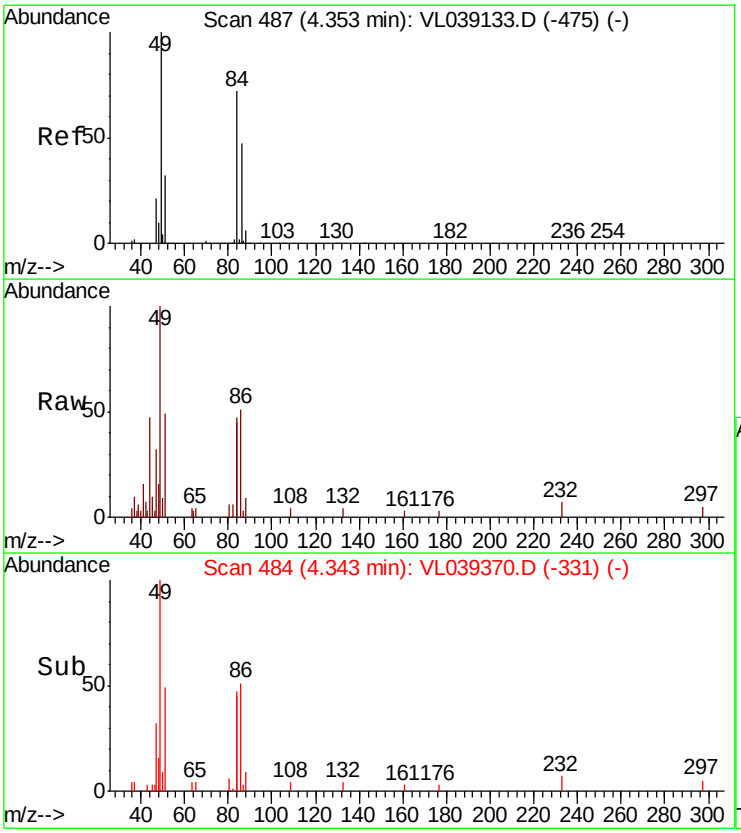
#15
Acetone
Concen: 0.331 ppbv
RT: 3.86
Delta R.T
Lab File:
Acq: 27 Jun 2022 22:27

Instrument :
MSVOA_L
ClientSampleId :
IA-2DL

Tgt Ion: 43 Resp: 37539

Ion	Ratio	Lower	Upper
43	100		
58	40.3	22.5	33.7#

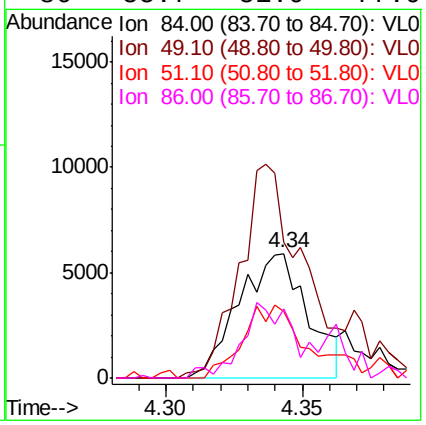


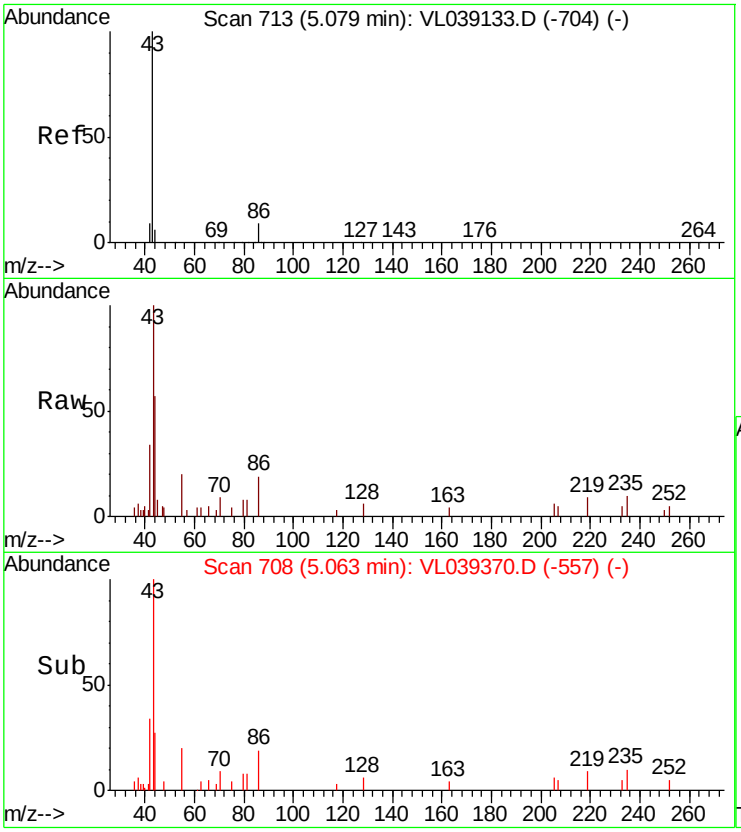


#20
Methylene Chloride
Concen: 0.217 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.01 min
Lab File: VL039370.D
Acq: 27 Jun 2022 22:27

Tgt Ion: 84 Resp: 10370

Ion	Ratio	Lower	Upper
84	100		
49	104.8	111.1	166.7#
51	53.7	35.3	52.9#
86	55.7	51.9	77.9



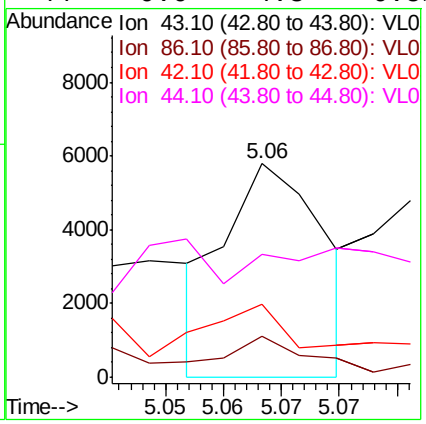


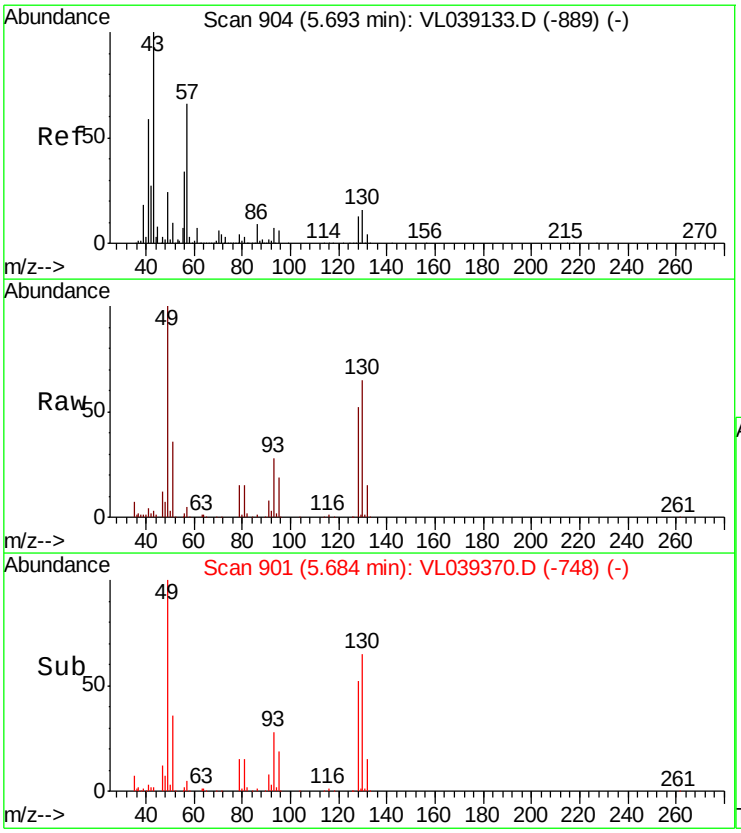
#23
Vinyl Acetate
Concen: 0.037 ppbv
RT: 5.06
Delta R.T
Lab File:
Acq: 27 Jun 2022 22:27

Instrument :
MSVOA_L
ClientSampleId :
IA-2DL

Tgt Ion: 43 Resp: 3432

Ion	Ratio	Lower	Upper
43	100		
86	25.5	6.0	9.0#
42	41.9	8.2	12.4#
44	0.0	4.3	6.5#

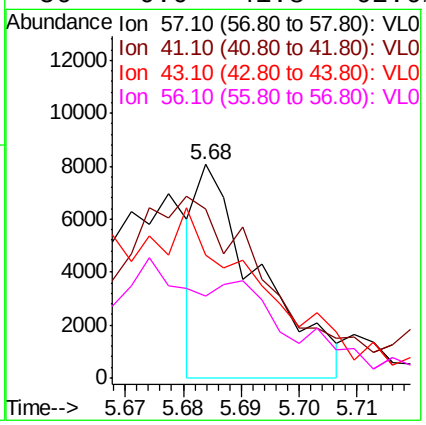


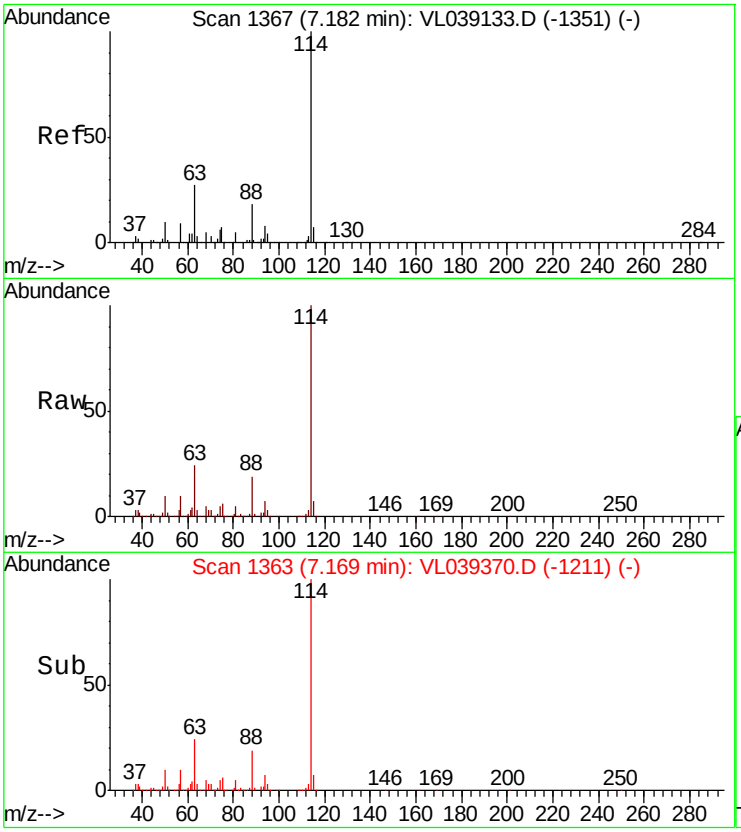


#26
Hexane
Concen: 0.053 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.01 min
Lab File: VL039370.D
Acq: 27 Jun 2022 22:27

Tgt Ion: 57 Resp: 6005

Ion	Ratio	Lower	Upper
57	100		
41	253.7	72.4	108.6#
43	213.6	187.0	280.6
56	0.0	41.8	62.6#



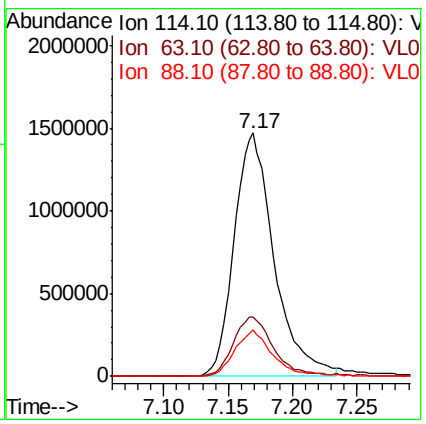


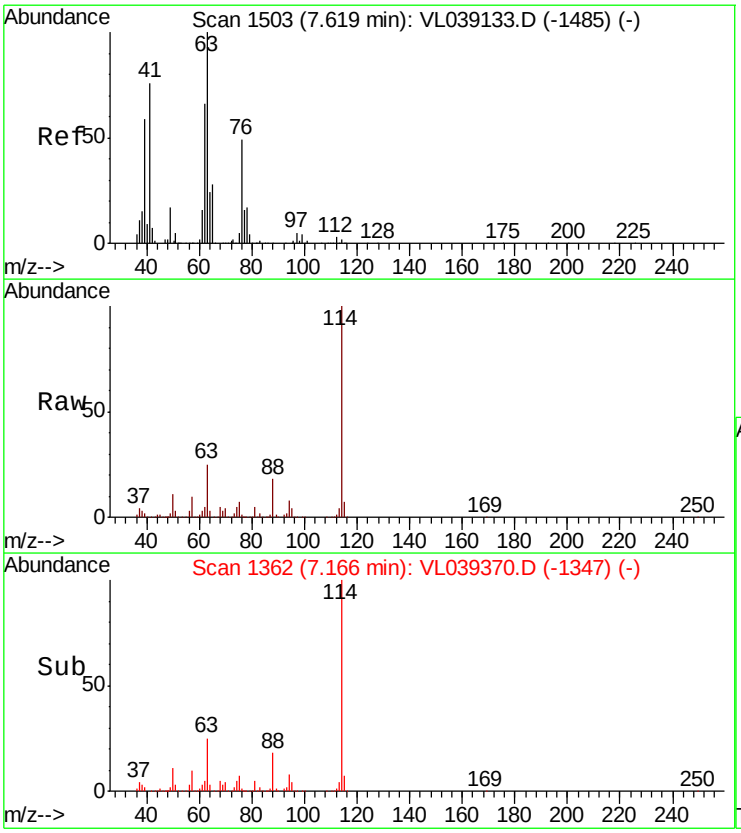
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 27 Jun 2022 22:27

Instrument :
MSVOA_L
ClientSampleId :
IA-2DL

Tgt Ion:114 Resp: 3173476

Ion	Ratio	Lower	Upper
114	100		
63	25.2	21.7	32.5
88	18.4	14.8	22.2

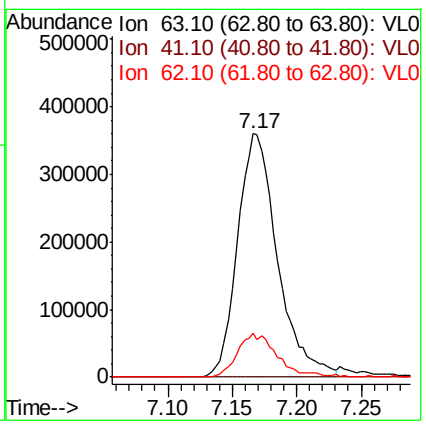


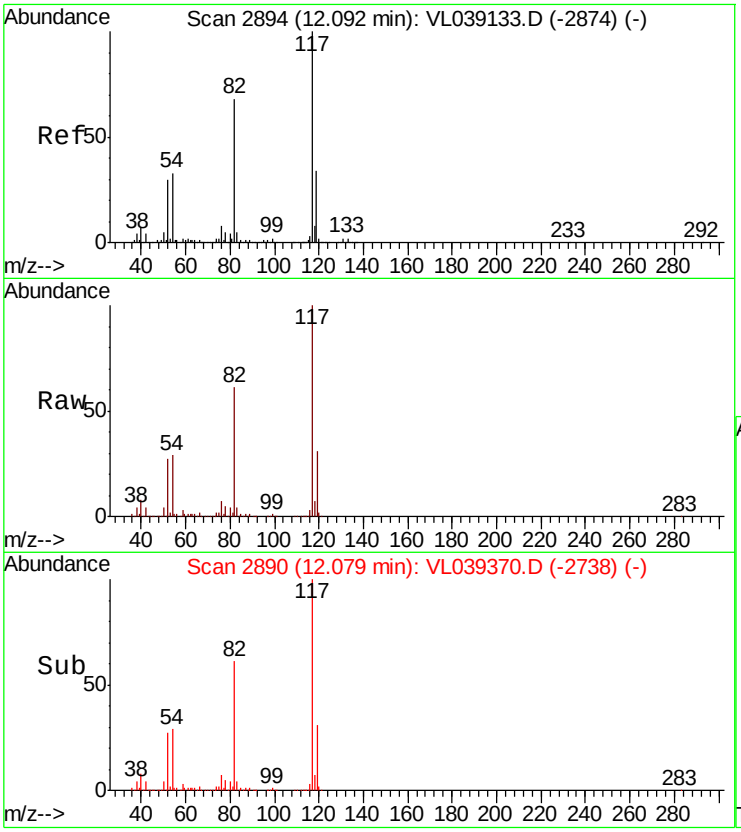


#39
1,2-Dichloropropane
Concen: 7.560 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.45 min
Lab File: VL039370.D
Acq: 27 Jun 2022 22:27

Tgt Ion: 63 Resp: 774767

Ion	Ratio	Lower	Upper
63	100		
41	0.1	60.8	91.2#
62	18.0	52.9	79.3#



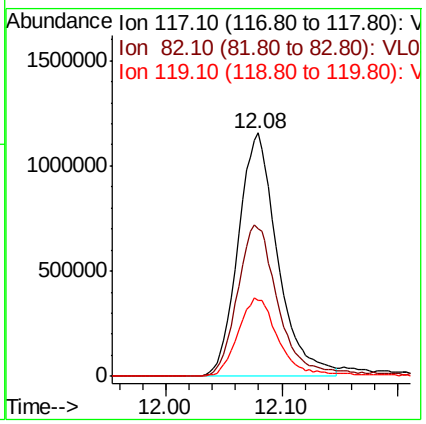


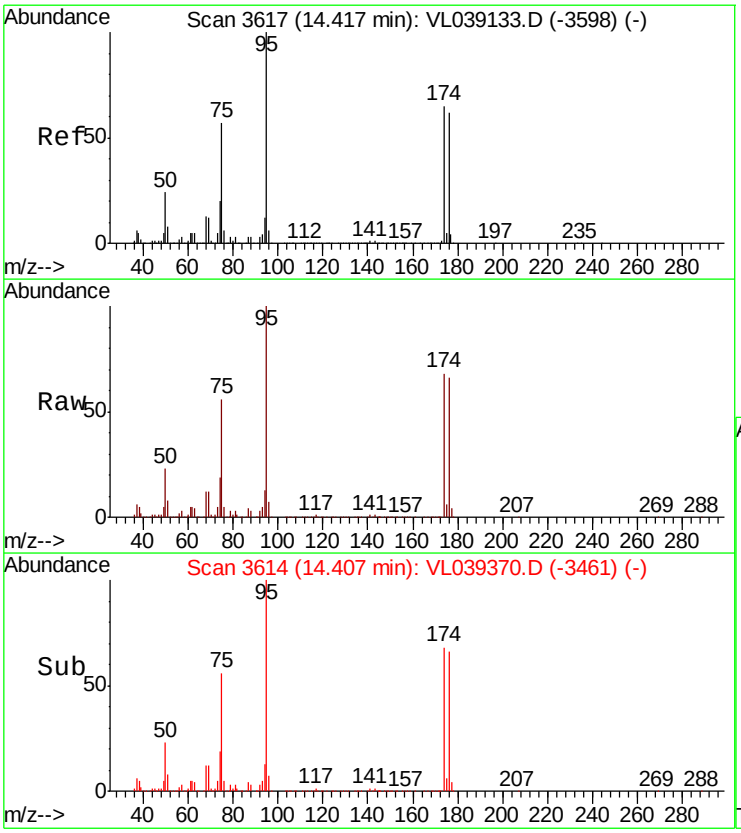
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08
Delta R.T
Lab File:
Acq: 27 Jun 2022 22:27

Instrument :
MSVOA_L
ClientSampleId :
IA-2DL

Tgt Ion:117 Resp: 2734287

Ion	Ratio	Lower	Upper
117	100		
82	66.7	55.1	82.7
119	34.2	24.7	37.1





#68
1-Bromo-4-Fluorobenzene
Concen: 8.848 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. -0.01 min
Lab File: VL039370.D
Acq: 27 Jun 2022 22:27

Tgt Ion: 95 Resp: 2000174

Ion	Ratio	Lower	Upper
95	100		
174	73.4	53.8	80.8
175	5.5	4.1	6.1