Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062722\
Data File : VL039374.D
Acq On : 28 Jun 2022 1:27
Operator : SY/AP
Sample : N3453-01DL 20X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SG-1DL

Quant Time: Jun 28 02:40:14 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	960687	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	2997057	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.08	117	2540055	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	1918896	9.14	ppbv	-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 91.40%			
Target Compounds						Qvalue
9) Propene	3.00	41	8541	0.160	ppbv	95
13) Ethanol	3.61	45	9205	3.167	ppbv #	100
15) Acetone	3.86	43	33113	0.331	ppbv #	58
16) 1,3-Butadiene	3.33	39	2097	0.039	ppbv #	8
20) Methylene Chloride	4.34	84	25424	0.603	ppbv	95
25) Ethyl Acetate	5.68	43	9140	0.041	ppbv #	81
26) Hexane	5.68	57	15240	0.154	ppbv #	35
39) 1,2-Dichloropropane	7.16	63	735558	7.600	ppbv #	23
53) Toluene	9.79	91	13634	0.049	ppbv #	21

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

Quantitation Report (Not Reviewed)

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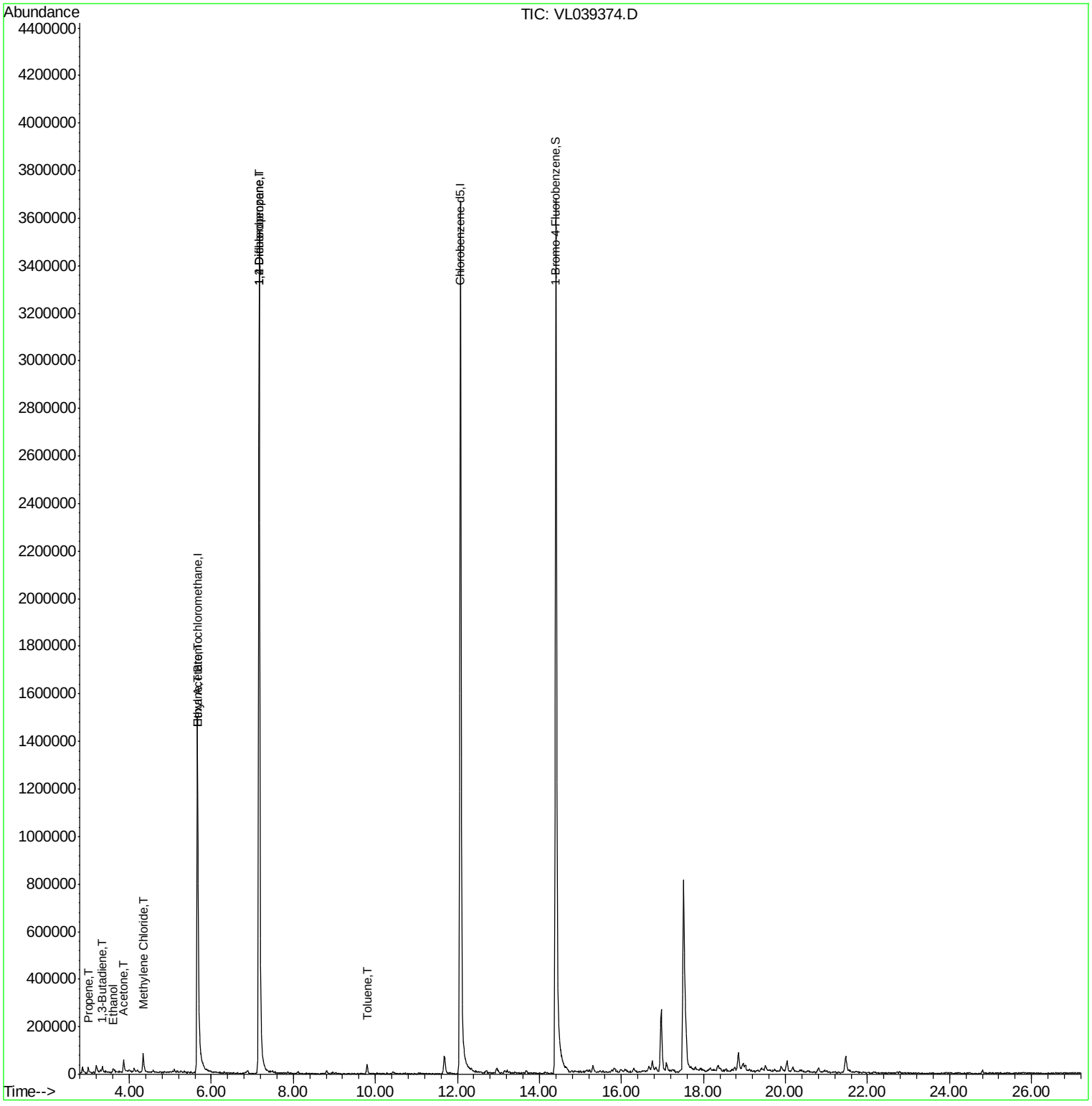
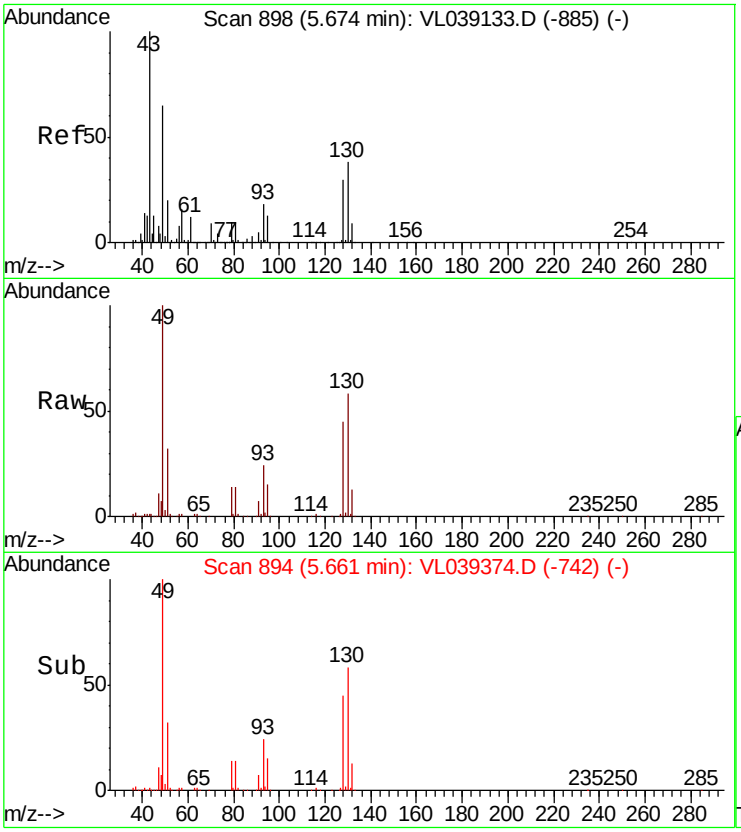


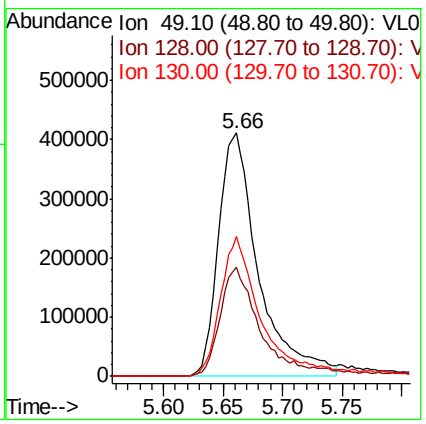


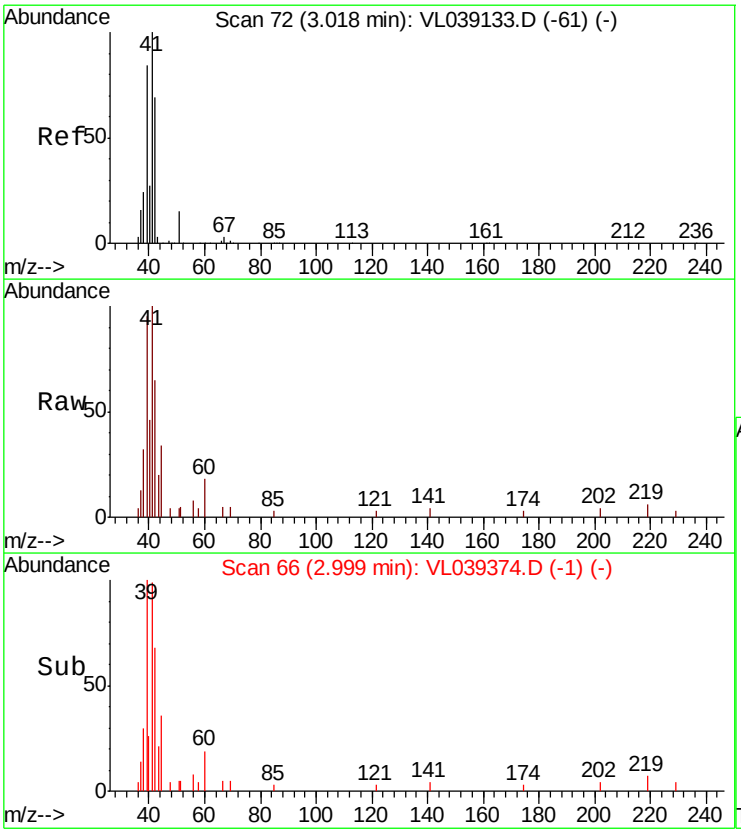
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 28 Jun 2022 1:27

Instrument :
MSVOA_L
ClientSampleId :
SG-1DL

Tgt Ion: 49 Resp: 960687

Ion	Ratio	Lower	Upper
49	100		
128	47.6	24.7	74.1
130	61.3	31.4	94.0

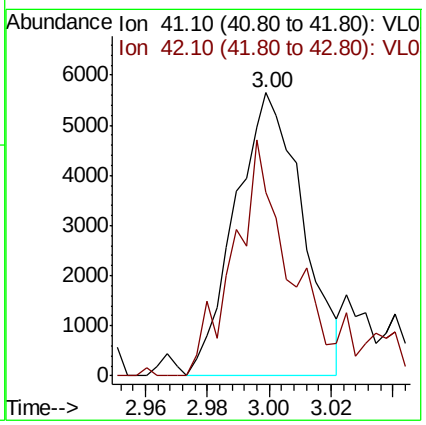


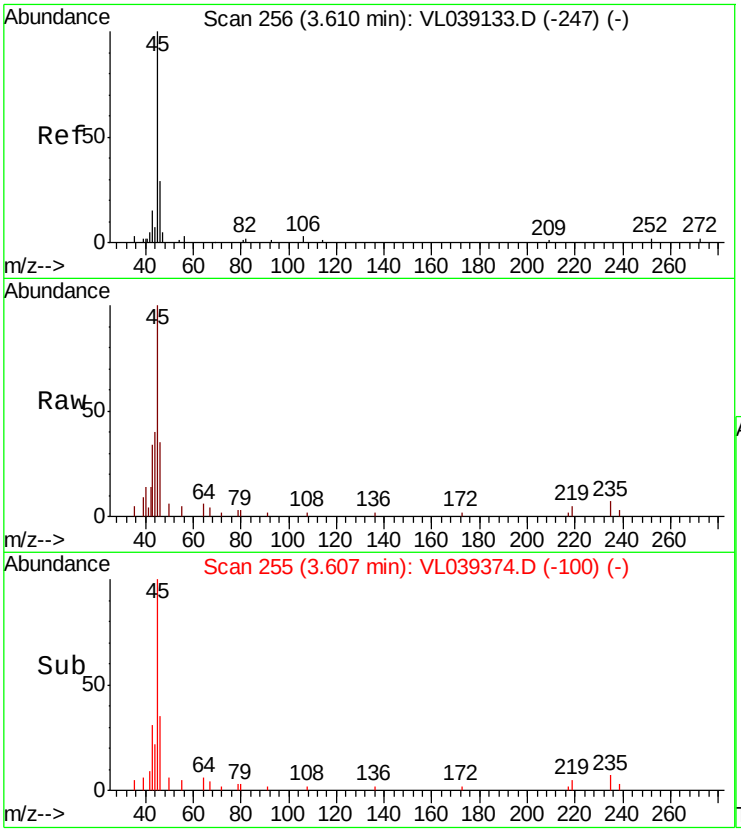


#9
Propene
Concen: 0.160 ppbv
RT: 3.00 min Scan# 66
Delta R.T. -0.02 min
Lab File: VL039374.D
Acq: 28 Jun 2022 1:27

Tgt Ion: 41 Resp: 8541

Ion	Ratio	Lower	Upper
41	100		
42	73.6	55.4	83.2



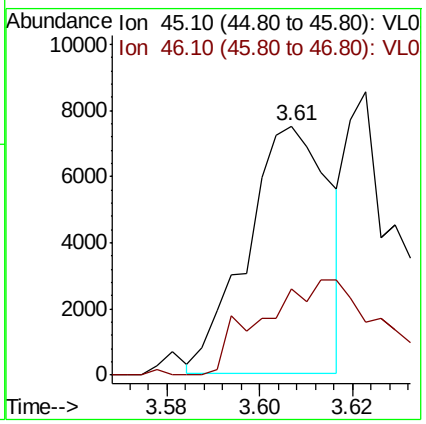


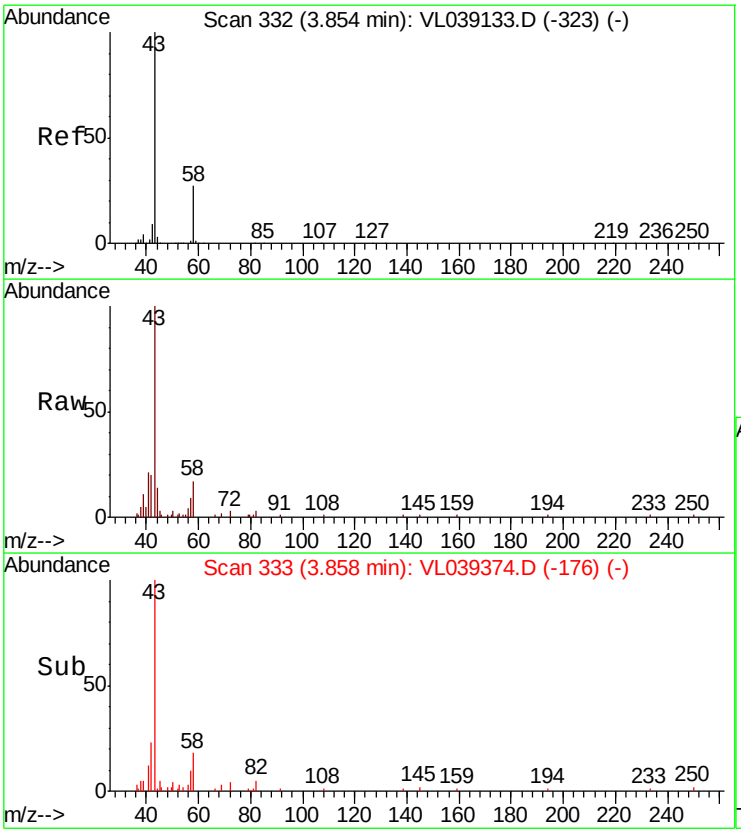
#13
Ethanol
Concen: 3.167 ppbv
RT: 3.61
Delta R.T
Lab File:
Acq: 28 Jun 2022 1:27

Instrument :
MSVOA_L
ClientSampleId :
SG-1DL

Tgt Ion: 45 Resp: 9205

Ion	Ratio	Lower	Upper
45	100		
46	85.9	0.0	0.0#

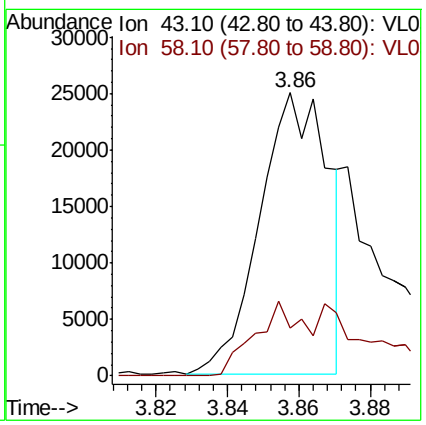


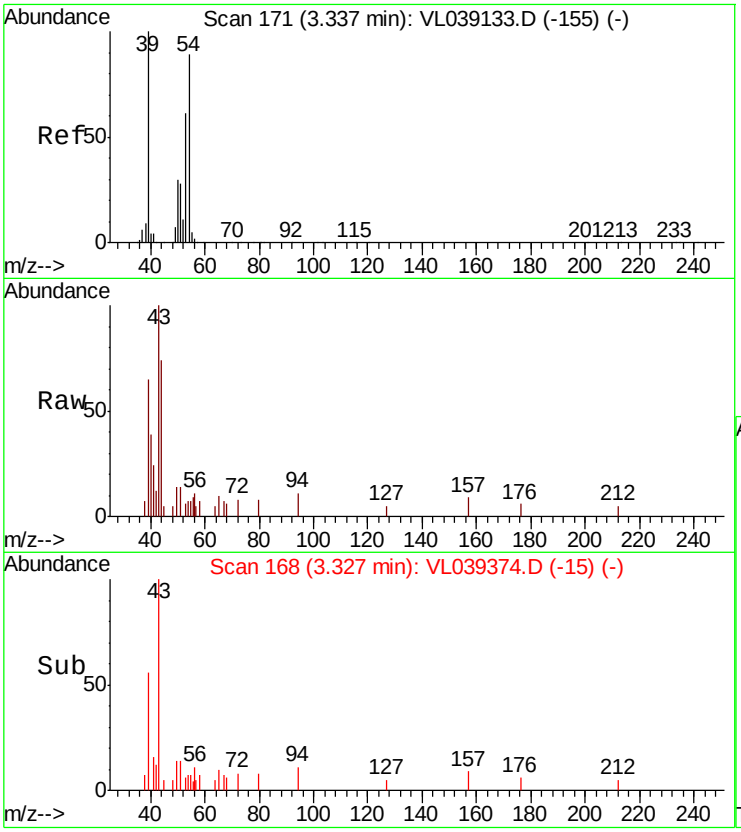


#15
Acetone
Concen: 0.331 ppbv
RT: 3.86 min Scan# 333
Delta R.T. 0.00 min
Lab File: VL039374.D
Acq: 28 Jun 2022 1:27

Tgt Ion: 43 Resp: 33113

Ion	Ratio	Lower	Upper
43	100		
58	50.0	22.5	33.7#



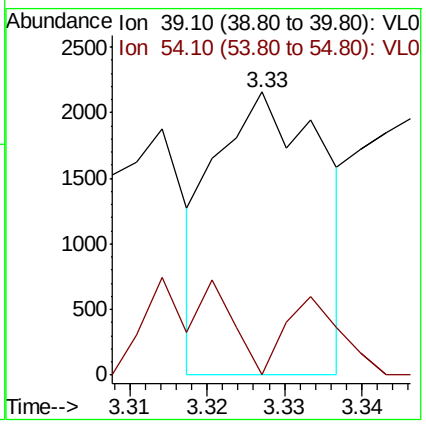


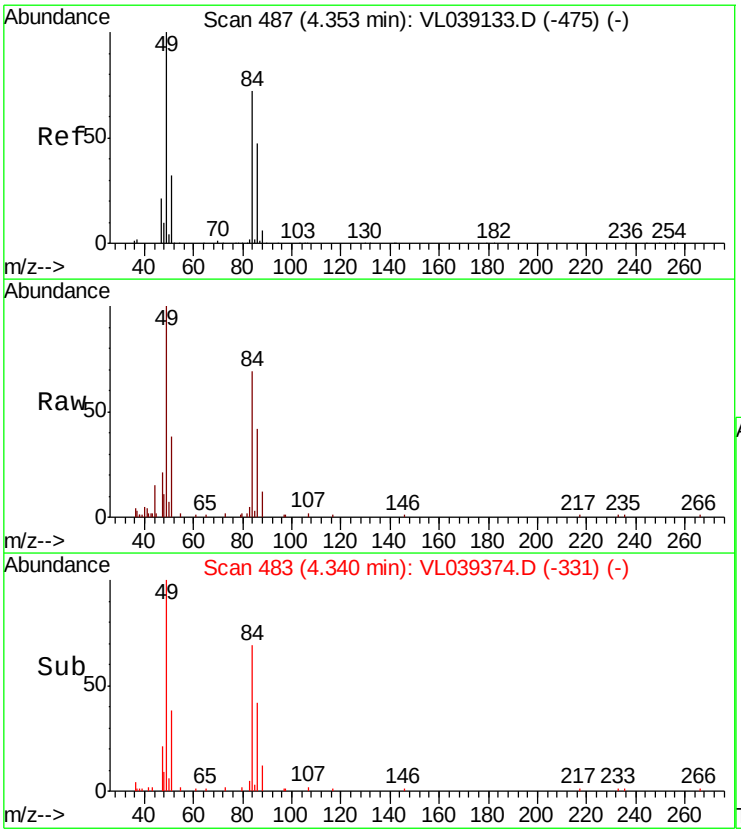
#16
1,3-Butadiene
Concen: 0.039 ppbv
RT: 3.33
Delta R.T
Lab File:
Acq: 28 Jun 2022 1:27

Instrument :
MSVOA_L
ClientSampleId :
SG-1DL

Tgt Ion: 39 Resp: 2097

Ion	Ratio	Lower	Upper
39	100		
54	0.0	65.8	98.6#

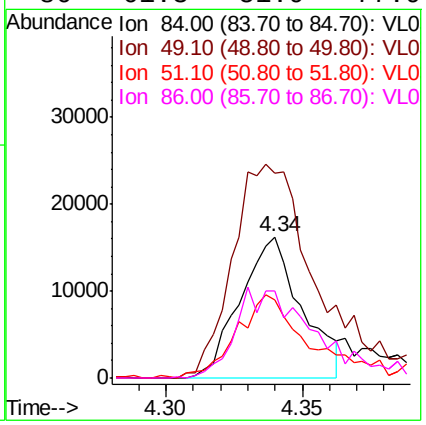


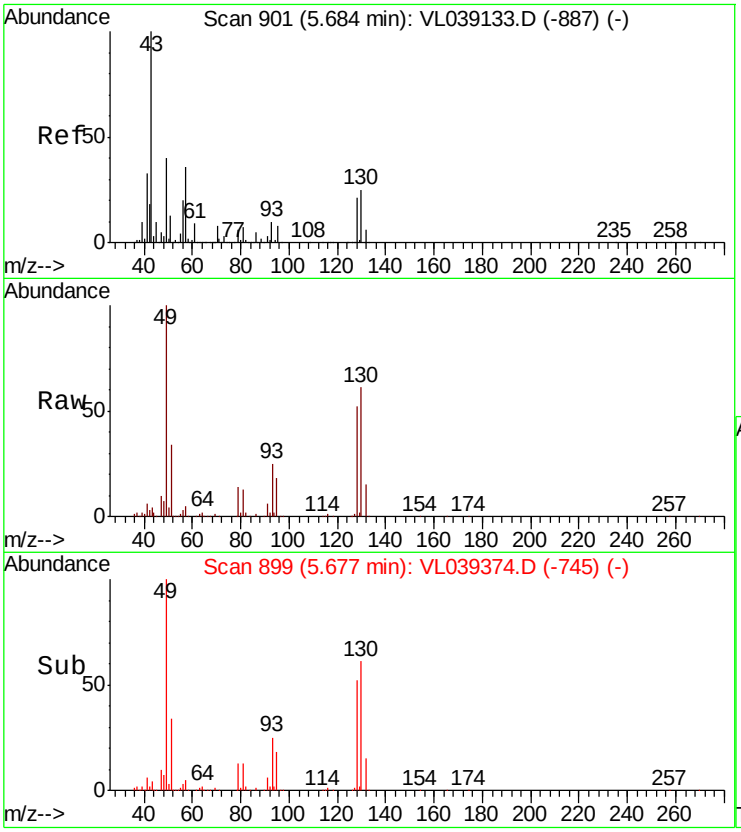


#20
Methylene Chloride
Concen: 0.603 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.01 min
Lab File: VL039374.D
Acq: 28 Jun 2022 1:27

Tgt Ion: 84 Resp: 25424

Ion	Ratio	Lower	Upper
84	100		
49	141.6	111.1	166.7
51	52.1	35.3	52.9
86	61.3	51.9	77.9



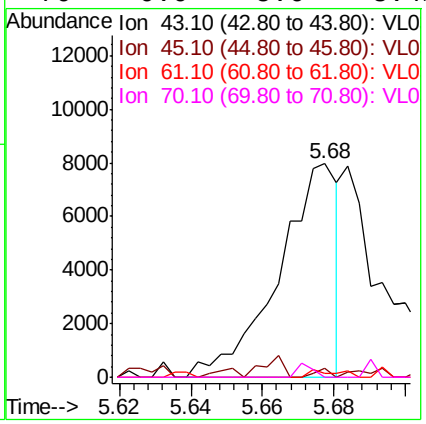


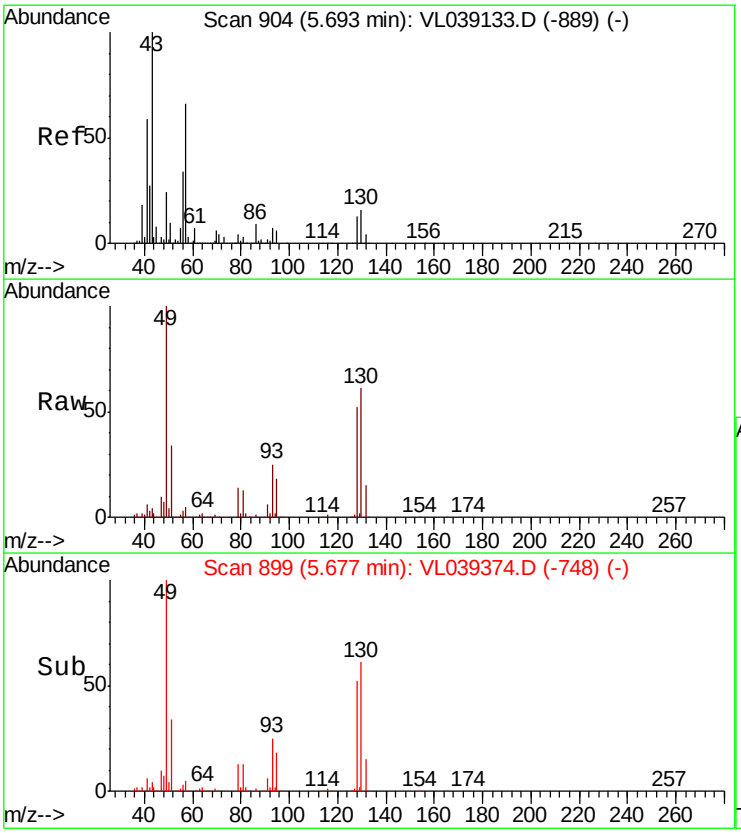
#25
Ethyl Acetate
Concen: 0.041 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 28 Jun 2022 1:27

Instrument :
MSVOA_L
ClientSampleId :
SG-1DL

Tgt Ion: 43 Resp: 9140

Ion	Ratio	Lower	Upper
43	100		
45	6.5	8.2	12.2#
61	0.0	8.4	12.6#
70	0.0	5.6	8.4#

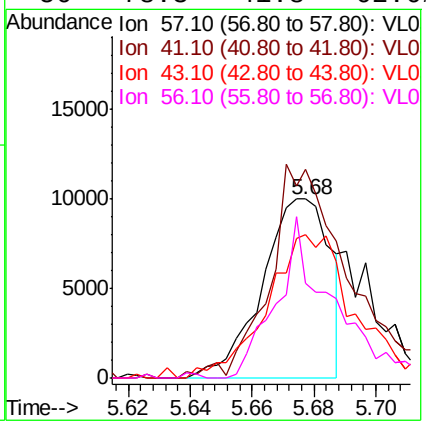


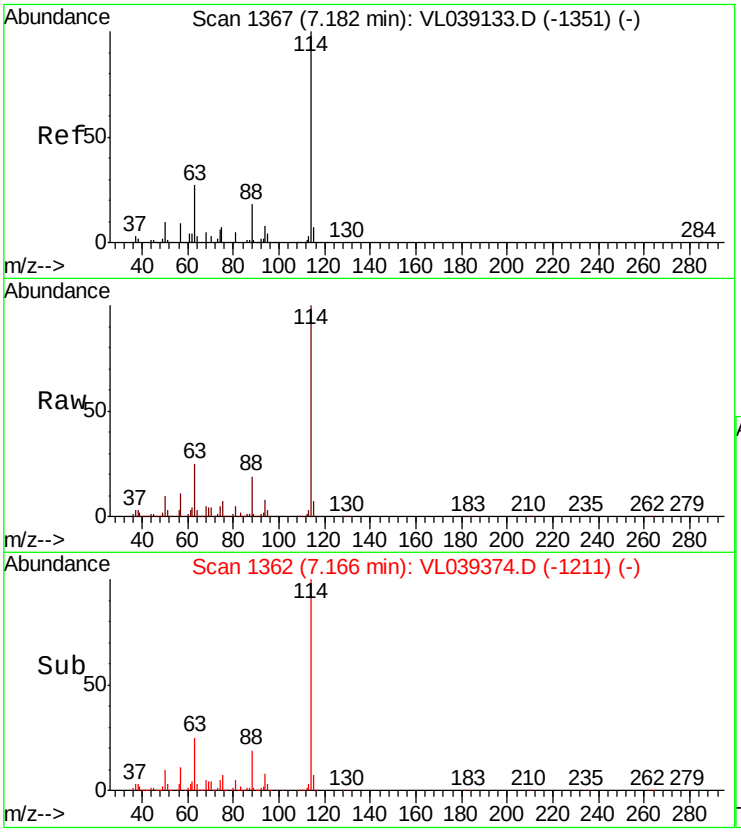


#26
Hexane
Concen: 0.154 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.02 min
Lab File: VL039374.D
Acq: 28 Jun 2022 1:27

Tgt Ion: 57 Resp: 15240

Ion	Ratio	Lower	Upper
57	100		
41	145.5	72.4	108.6#
43	110.4	187.0	280.6#
56	78.3	41.8	62.6#



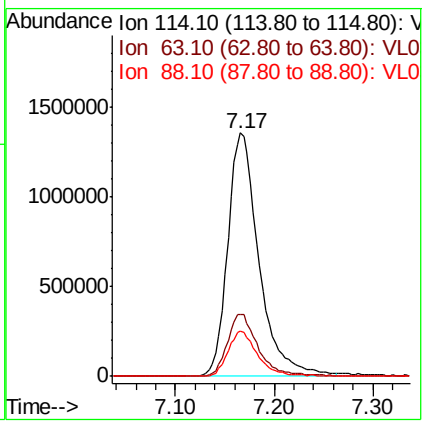


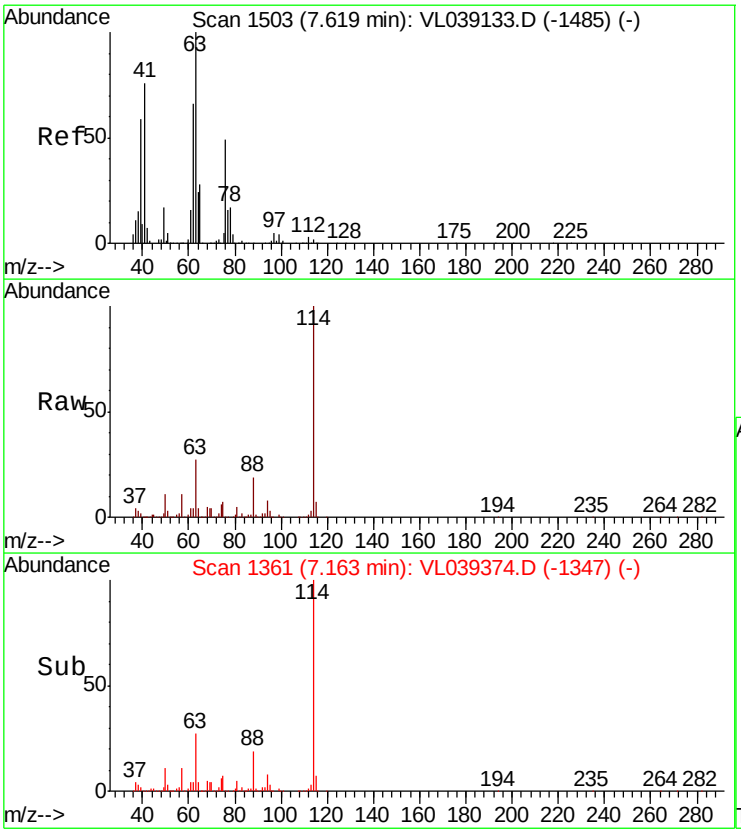
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 28 Jun 2022 1:27

Instrument :
MSVOA_L
ClientSampleId :
SG-1DL

Tgt Ion:114 Resp: 2997057

Ion	Ratio	Lower	Upper
114	100		
63	25.6	21.7	32.5
88	18.2	14.8	22.2

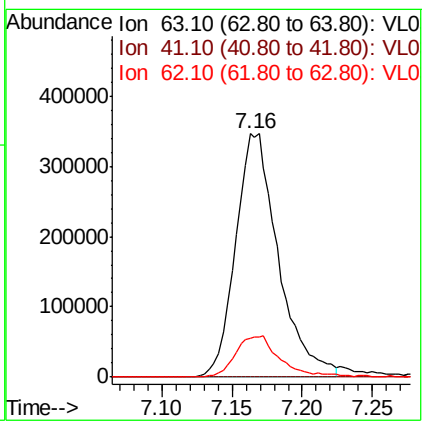


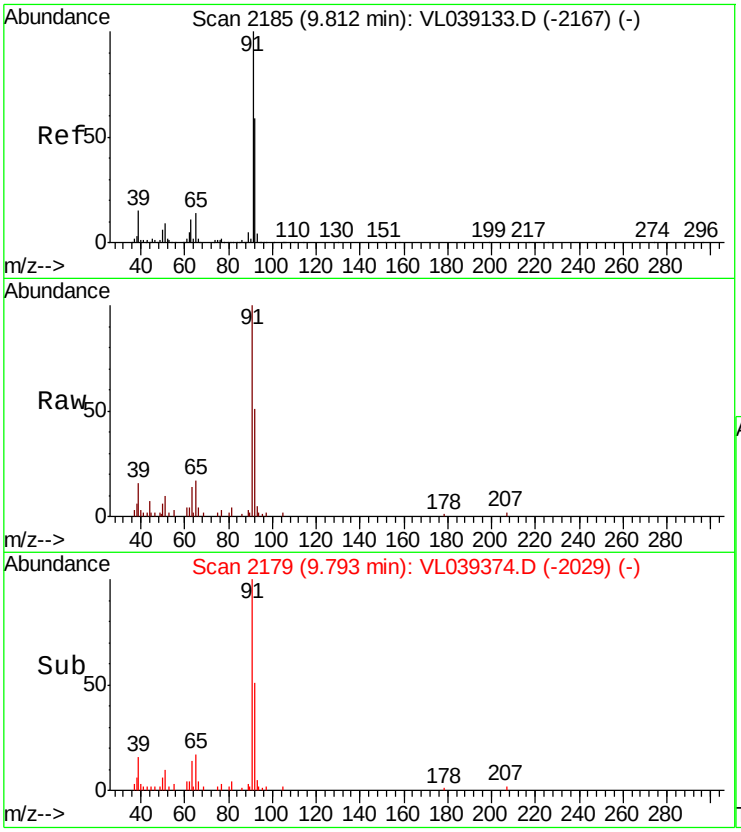


#39
1,2-Dichloropropane
Concen: 7.600 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.46 min
Lab File: VL039374.D
Acq: 28 Jun 2022 1:27

Tgt Ion: 63 Resp: 735558

Ion	Ratio	Lower	Upper
63	100		
41	0.1	60.8	91.2#
62	16.1	52.9	79.3#



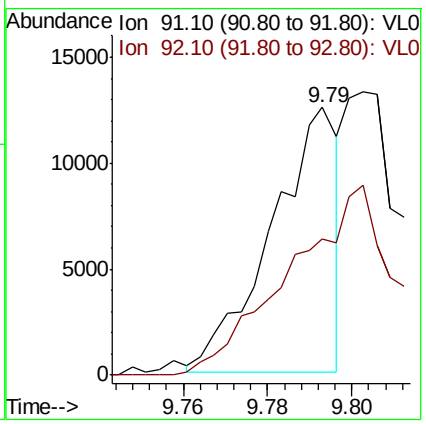


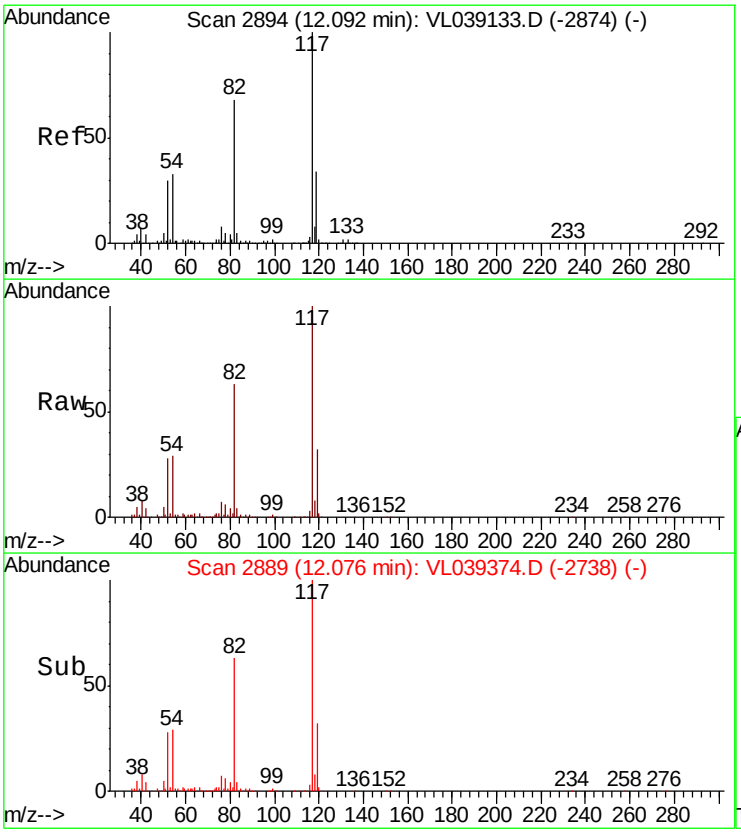
#53
Toluene
Concen: 0.049 ppbv
RT: 9.79
Delta R.T
Lab File:
Acq: 28 Jun 2022 1:27

Instrument :
MSVOA_L
ClientSampleId :
SG-1DL

Tgt Ion: 91 Resp: 13634

Ion	Ratio	Lower	Upper
91	100		
92	0.0	48.1	72.1#

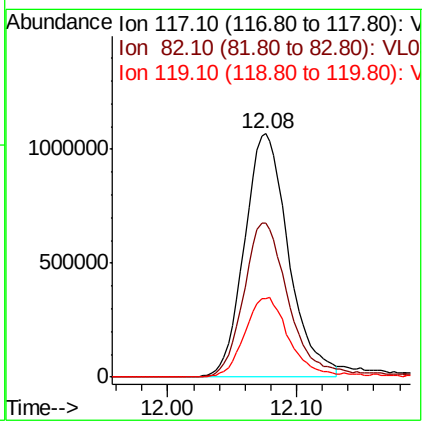


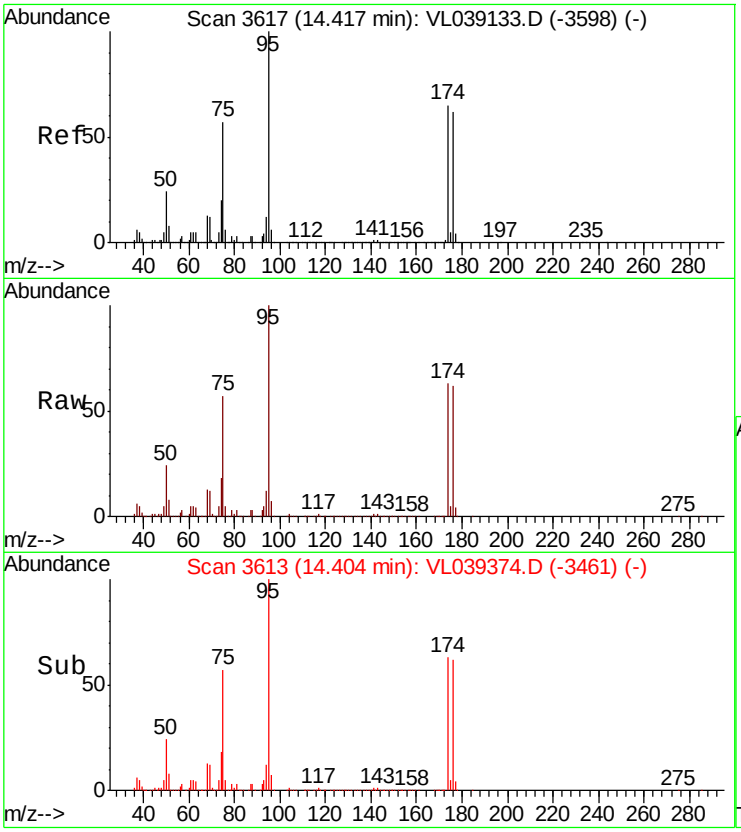


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. -0.02 min
Lab File: VL039374.D
Acq: 28 Jun 2022 1:27

Tgt Ion:117 Resp: 2540055

Ion	Ratio	Lower	Upper
117	100		
82	67.9	55.1	82.7
119	34.5	24.7	37.1





#68
1-Bromo-4-Fluorobenzene
Concen: 9.138 ppbv
RT: 14.40
Delta R.T
Lab File:
Acq: 28 Jun 2022 1.27

Instrument :
MSVOA_L
ClientSampleId :
SG-1DL

Tgt Ion: 95 Resp: 1918896

Ion	Ratio	Lower	Upper
95	100		
174	69.6	53.8	80.8
175	5.1	4.1	6.1