Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL072522\
Data File : VL039520.D
Acq On : 25 Jul 2022 13:51
Operator : SY/AP
Sample : VL0725ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0725ABL01

Quant Time: Jul 26 08:04:00 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	5.67	49	1022853	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	2888579	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	2526976	10.00	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	1871113	9.98	ppbv	0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.80%			
Target Compounds						Qvalue
9) Propene	3.03	41	10323	0.176	ppbv	92
20) Methylene Chloride	4.35	84	15336	0.318	ppbv	86
39) 1,2-Dichloropropane	7.18	63	700951	8.393	ppbv #	25

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

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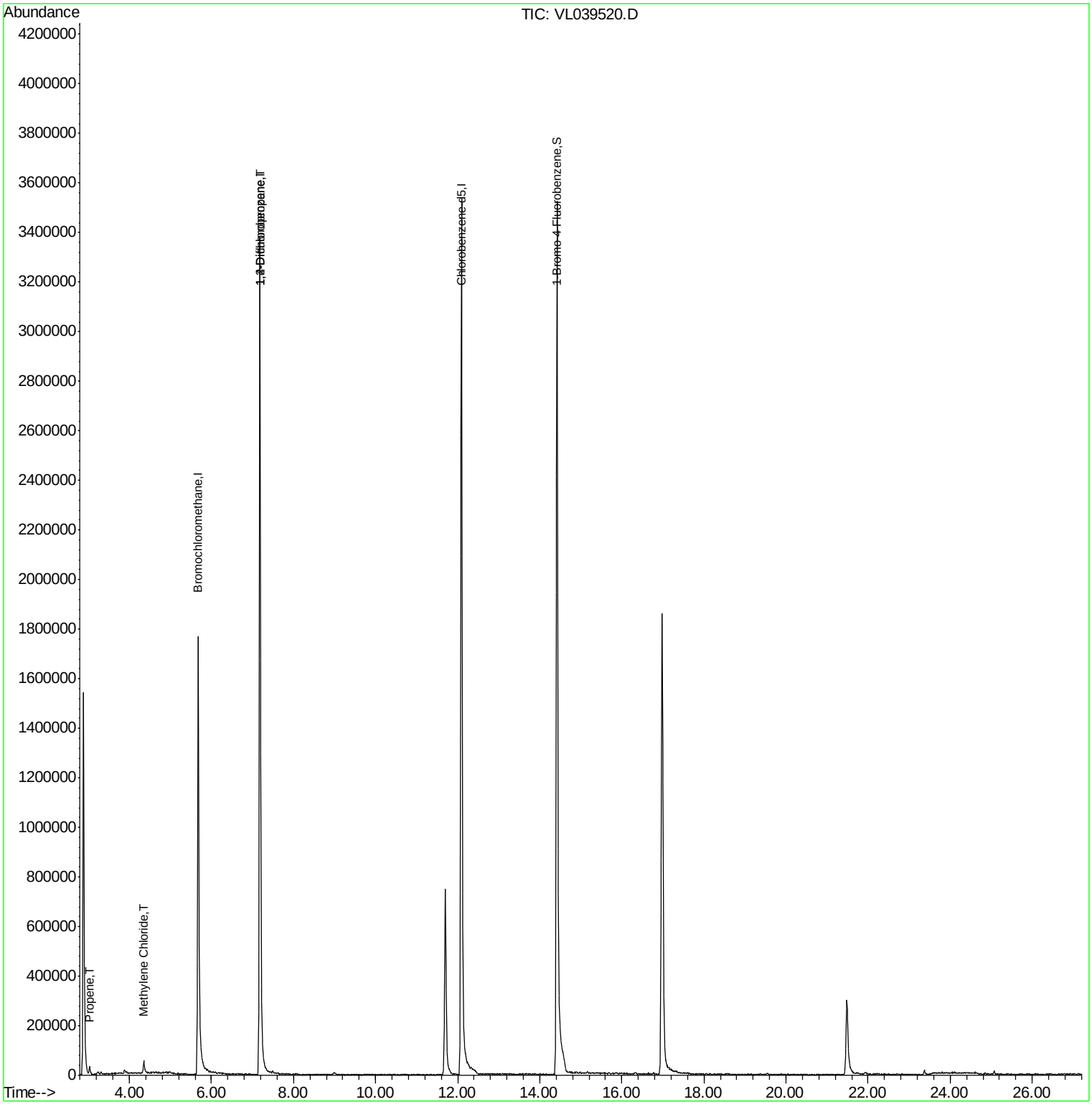
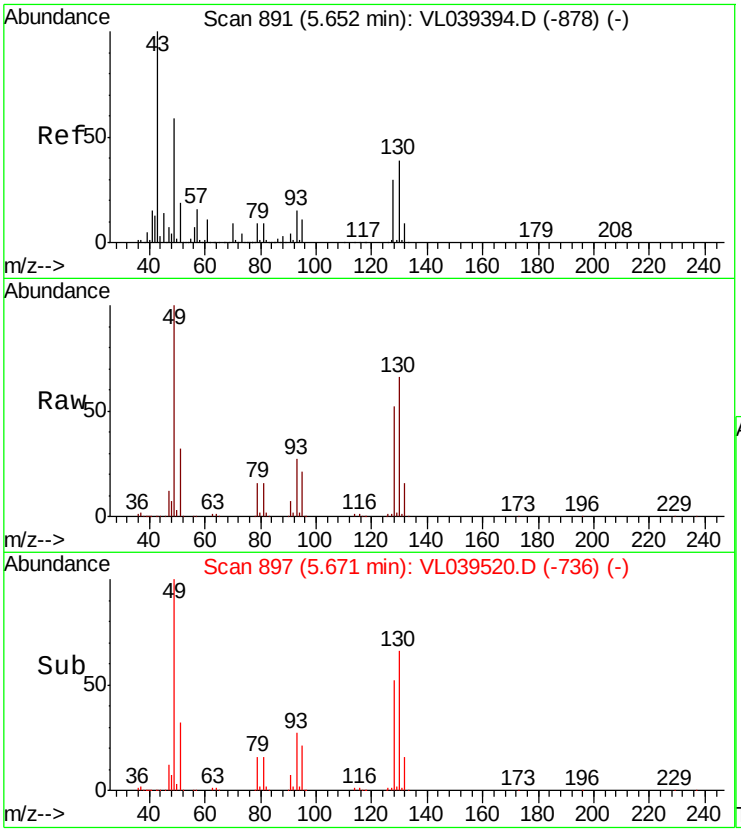


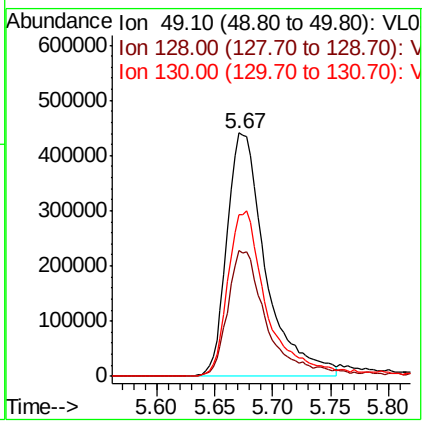


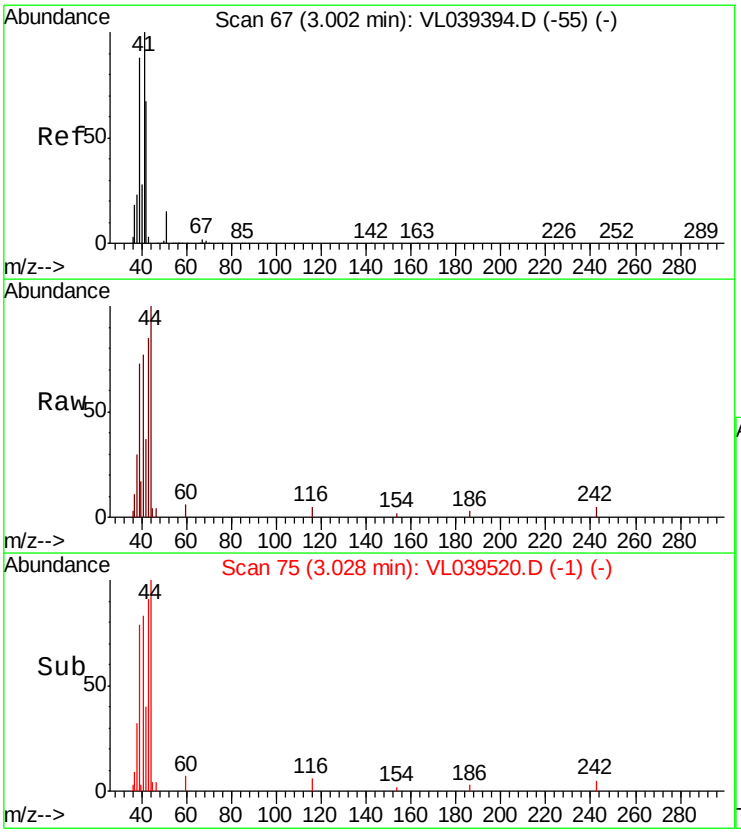
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 25 Jul 2022 13:51

Instrument :
MSVOA_L
ClientSampleId :
VL0725ABL01

Tgt Ion: 49 Resp: 1022853

Ion	Ratio	Lower	Upper
49	100		
128	54.6	26.7	80.0
130	71.2	34.3	102.8

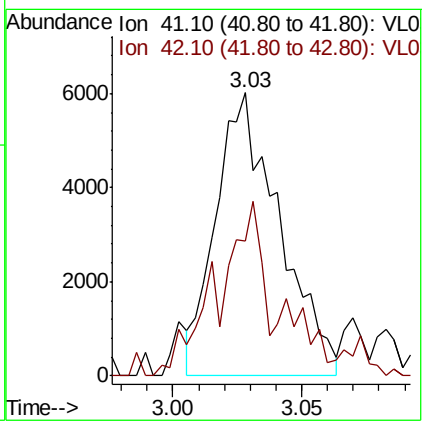


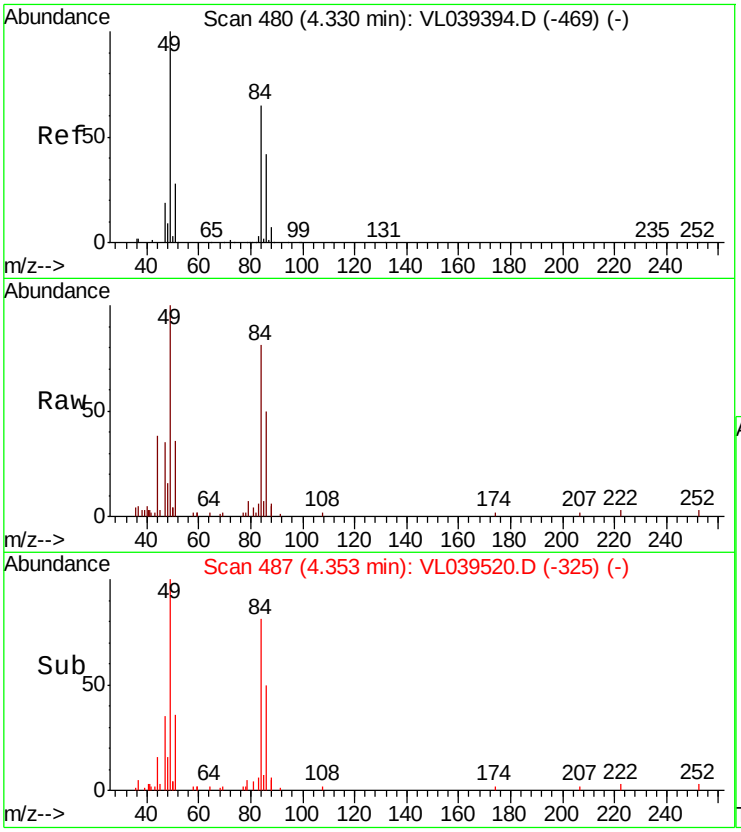


#9
Propene
Concen: 0.176 ppbv
RT: 3.03 min Scan# 75
Delta R.T. 0.03 min
Lab File: VL039520.D
Acq: 25 Jul 2022 13:51

Tgt Ion: 41 Resp: 10323

Ion	Ratio	Lower	Upper
41	100		
42	62.8	55.2	82.8



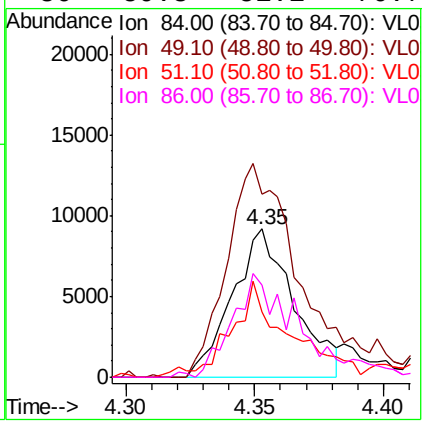


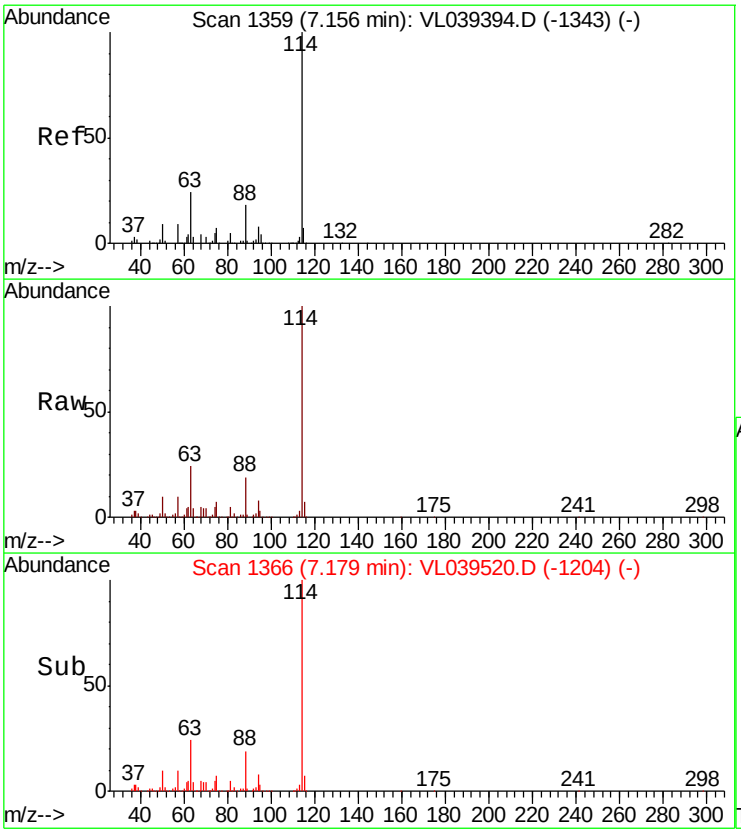
#20
Methylene Chloride
Concen: 0.318 ppbv
RT: 4.35
Delta R.T
Lab File:
Acq: 25 Jul 2022 13:51

Instrument :
MSVOA_L
ClientSampleId :
VL0725ABL01

Tgt Ion: 84 Resp: 15336

Ion	Ratio	Lower	Upper
84	100		
49	128.3	123.1	184.7
51	39.6	34.4	51.6
86	59.3	51.1	76.7

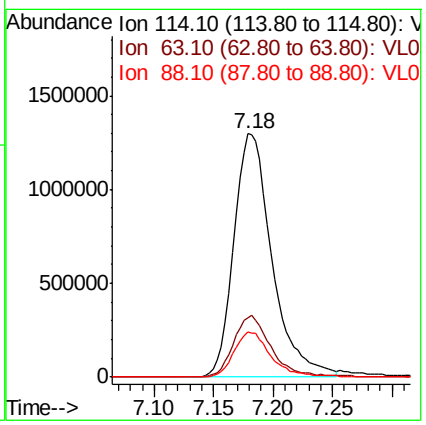


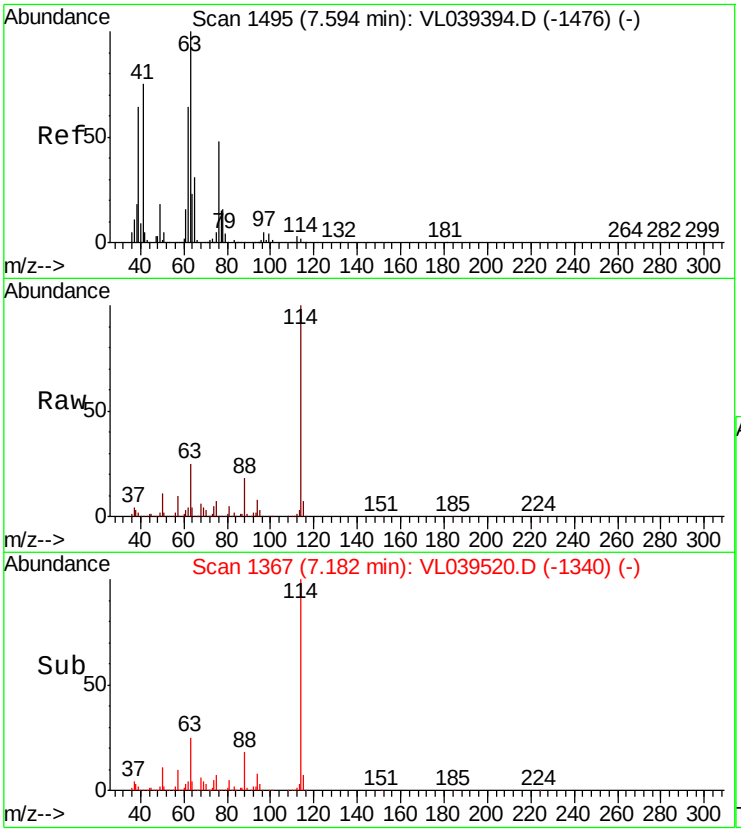


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. 0.02 min
Lab File: VL039520.D
Acq: 25 Jul 2022 13:51

Tgt Ion:114 Resp: 2888579

Ion	Ratio	Lower	Upper
114	100		
63	25.4	20.2	30.4
88	18.4	14.5	21.7



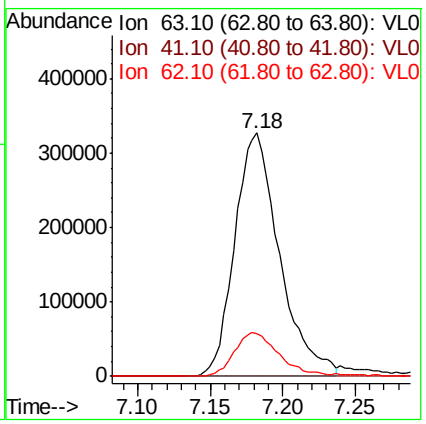


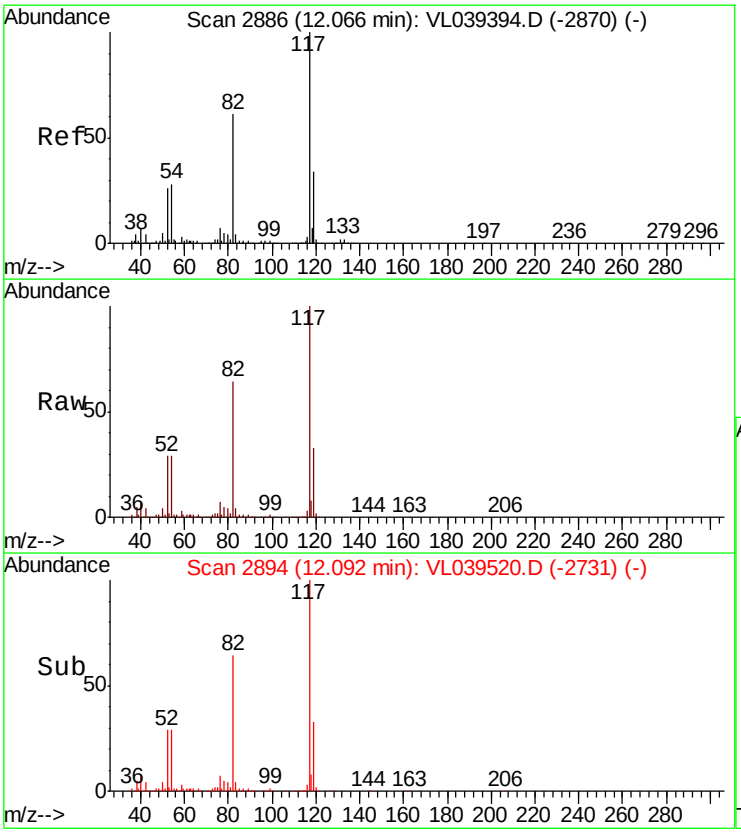
#39
1,2-Dichloropropane
Concen: 8.393 ppbv
RT: 7.18
Delta R.T
Lab File:
Acq: 25 Jul 2022 13:51

Instrument :
MSVOA_L
ClientSampleId :
VL0725ABL01

Tgt Ion: 63 Resp: 700951

Ion	Ratio	Lower	Upper
63	100		
41	0.1	59.6	89.4#
62	17.7	51.4	77.0#

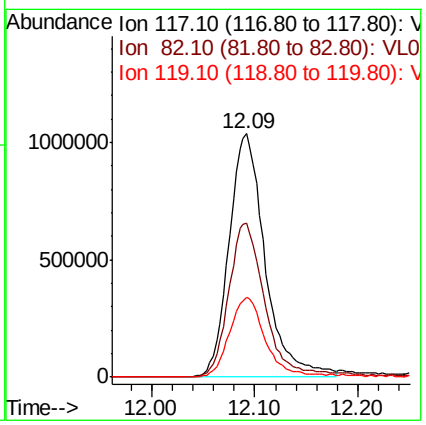


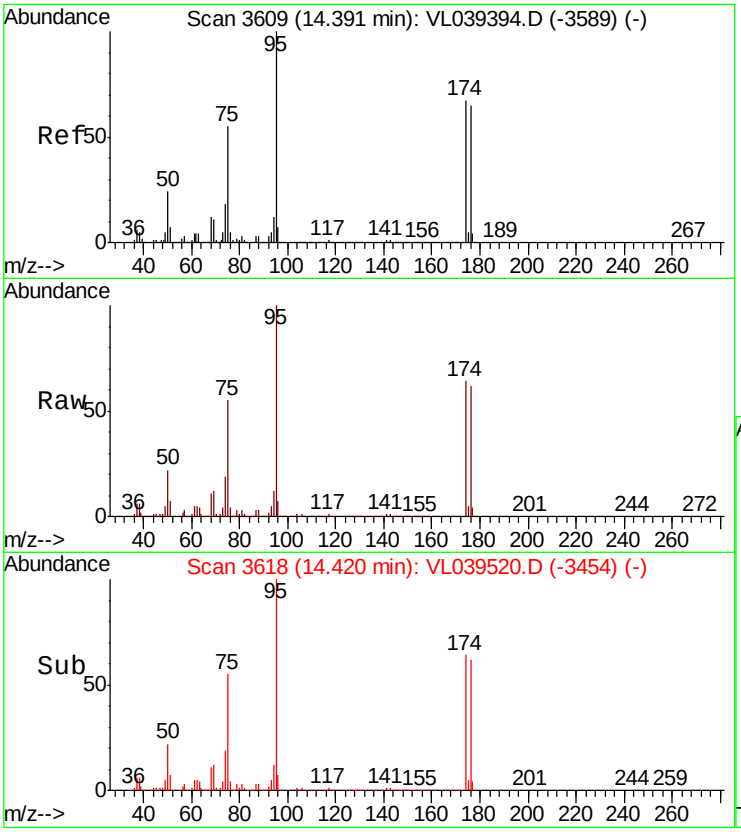


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2894
Delta R.T. 0.03 min
Lab File: VL039520.D
Acq: 25 Jul 2022 13:51

Tgt Ion:117 Resp: 2526976

Ion	Ratio	Lower	Upper
117	100		
82	66.0	50.8	76.2
119	33.8	24.1	36.1





#68
1-Bromo-4-Fluorobenzene
Concen: 9.981 ppbv
RT: 14.42
Delta R.T
Lab File:
Acq: 25 Jul 2022 13:51

Instrument :
MSVOA_L
ClientSampleId :
VL0725ABL01

Tgt Ion: 95 Resp: 1871113

Ion	Ratio	Lower	Upper
95	100		
174	66.9	55.9	83.9
175	4.9	4.2	6.4