Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091824\
Data File : VL041614.D
Acq On : 18 Sep 2024 19:56
Operator : SY/MD
Sample : QC090424 CAN10401
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Sep 19 03:39:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Sep 17 09:12:21 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.198	49	967493	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	6.655	114	2704848	10.000	ppbv	0.03
55) Chlorobenzene-d5	11.462	117	2397524	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.774	95	1756733	9.954	ppbv	0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.500%			
Target Compounds						Qvalue
9) Propene	2.716	41	4497	0.091	ppbv	93
20) Methylene Chloride	3.941	84	3400	0.075	ppbv #	91
39) 1,2-Dichloropropane	6.652	63	673803	8.817	ppbv #	23

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

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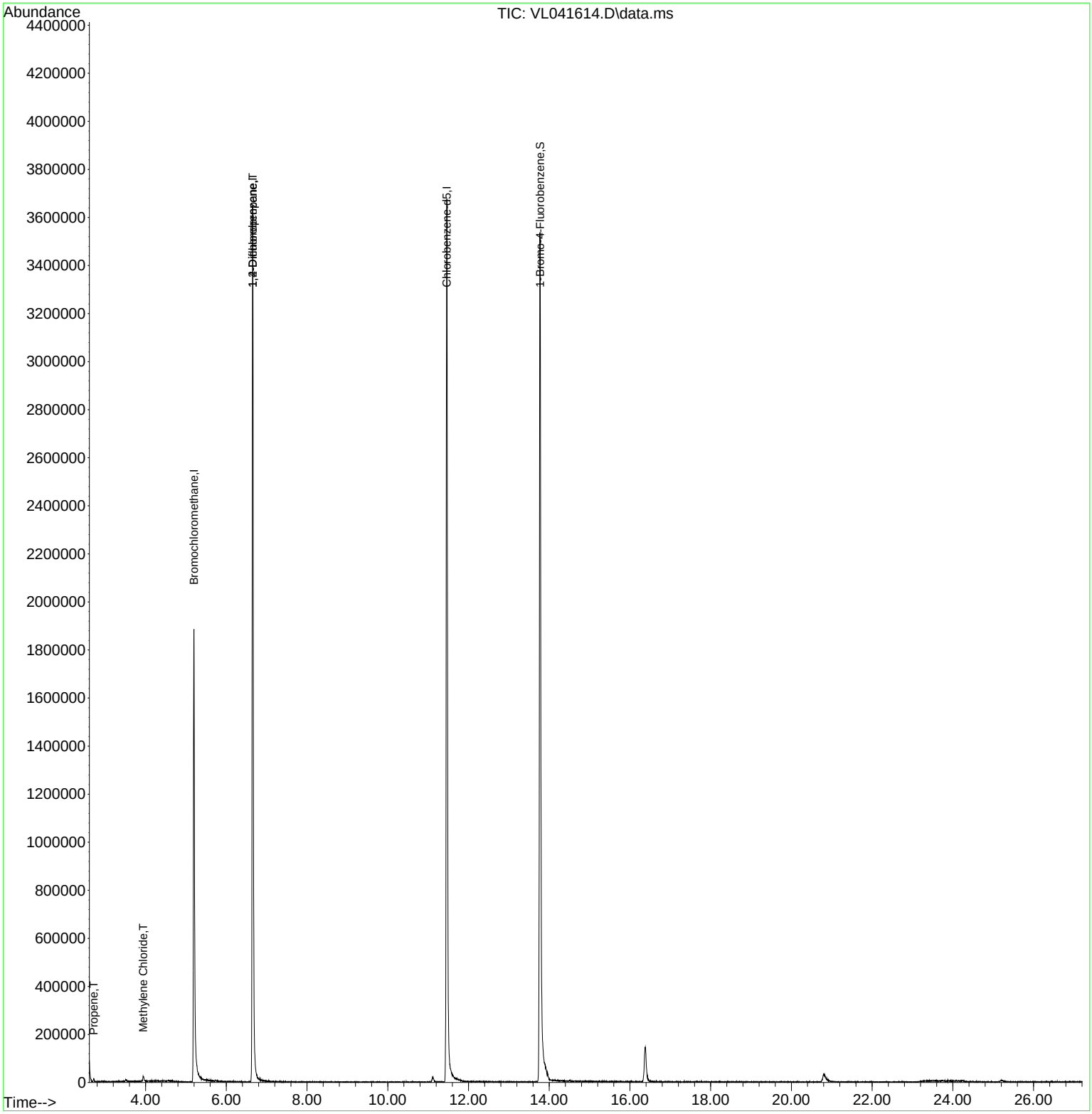
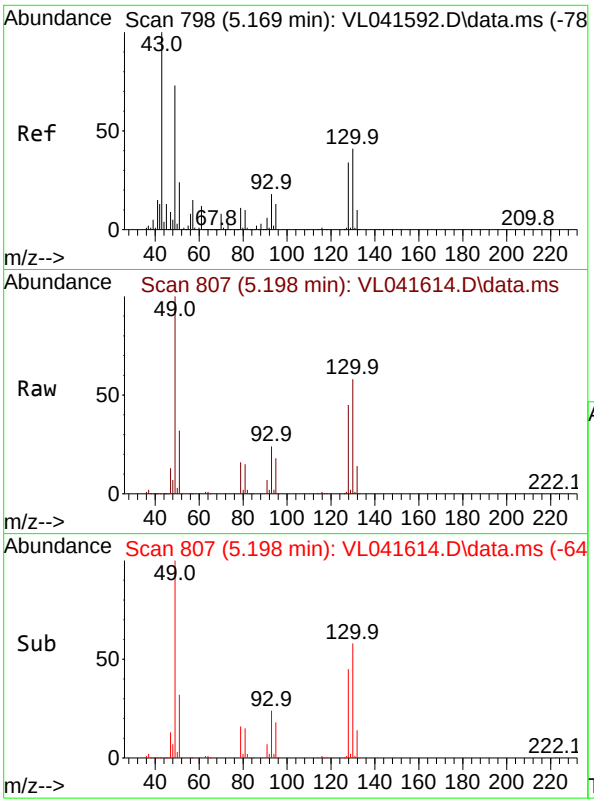


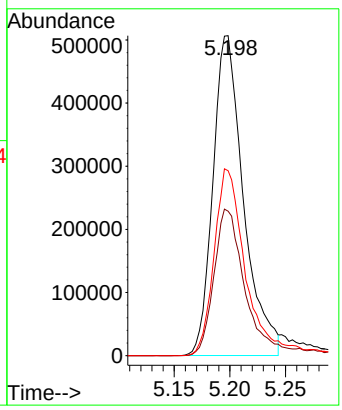


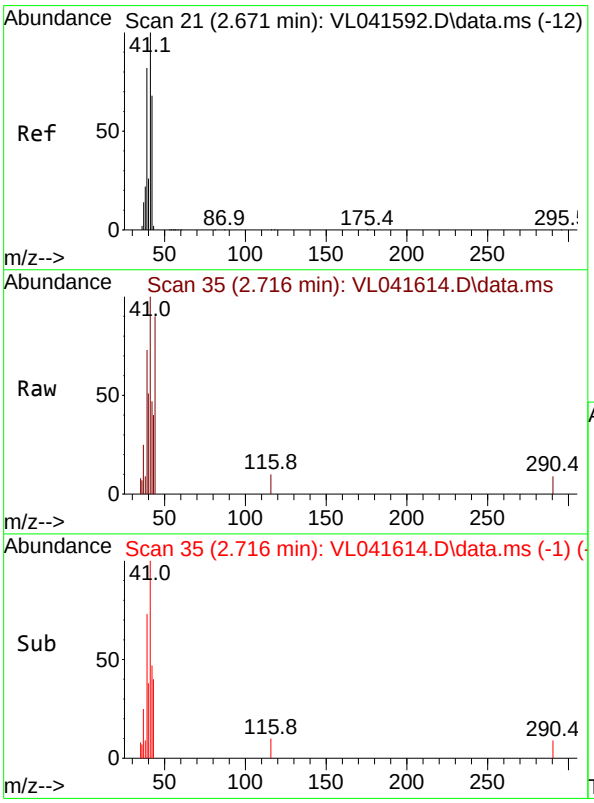
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 8
Delta R.T. 0.029 min
Lab File: VL041614.D
Acq: 18 Sep 2024 19:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 967493

Ion	Ratio	Lower	Upper
49	100		
128	50.0	23.8	71.5
130	61.6	30.4	91.3

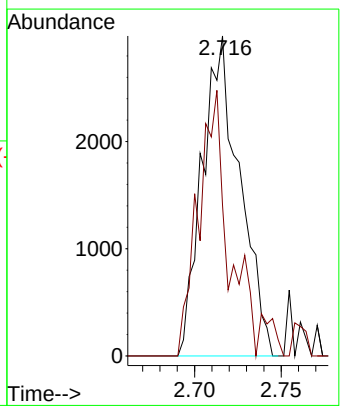


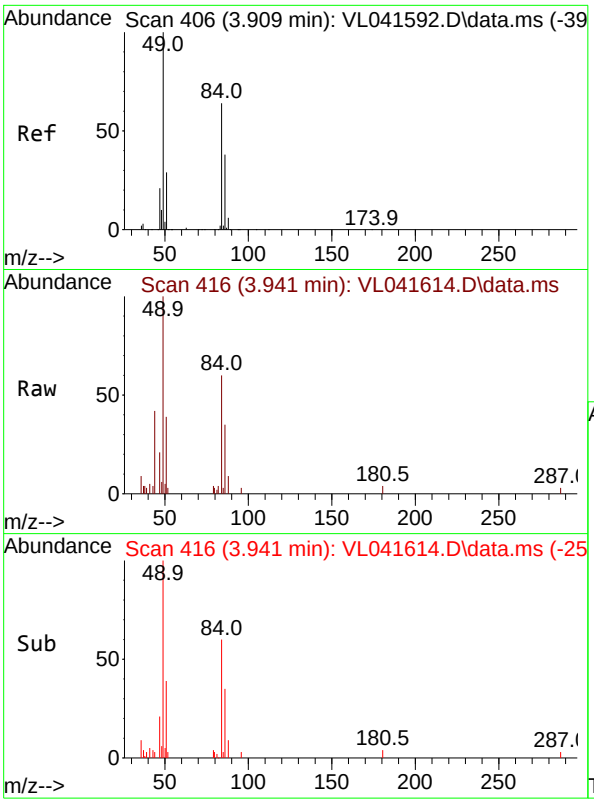


#9
Propene
Concen: 0.091 ppbv
RT: 2.716 min Scan# 35
Delta R.T. 0.045 min
Lab File: VL041614.D
Acq: 18 Sep 2024 19:56

Tgt Ion: 41 Resp: 4497

Ion	Ratio	Lower	Upper
41	100		
42	74.8	55.2	82.8



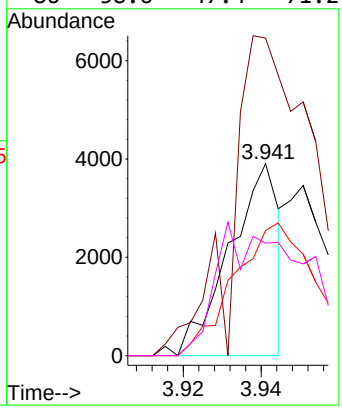


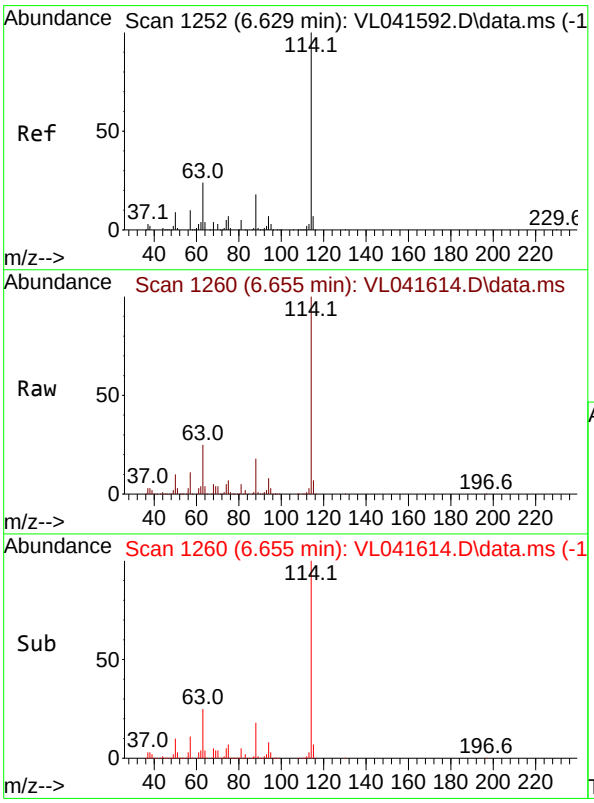
#20
Methylene Chloride
Concen: 0.075 ppbv
RT: 3.941 min Scan# 4
Delta R.T. 0.032 min
Lab File: VL041614.D
Acq: 18 Sep 2024 19:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 3400

Ion	Ratio	Lower	Upper
84	100		
49	150.6	124.3	186.5
51	70.0	36.3	54.5#
86	58.6	47.4	71.2

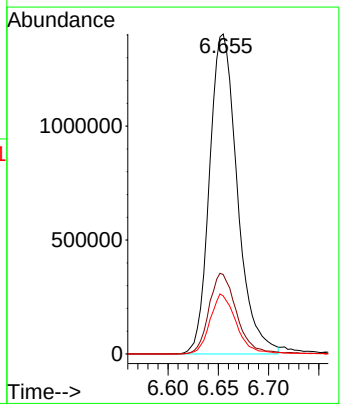


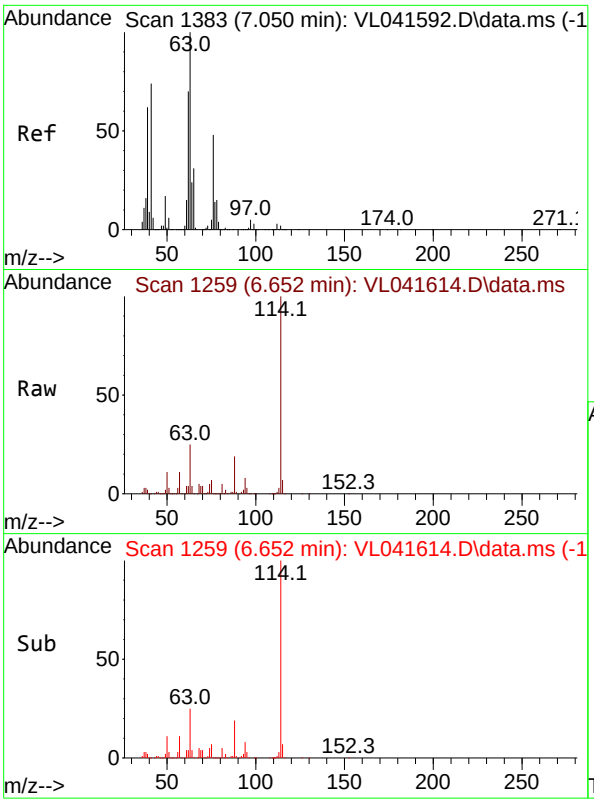


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. 0.026 min
Lab File: VL041614.D
Acq: 18 Sep 2024 19:56

Tgt Ion:114 Resp: 2704848

Ion	Ratio	Lower	Upper
114	100		
63	25.5	20.2	30.2
88	17.9	14.2	21.4



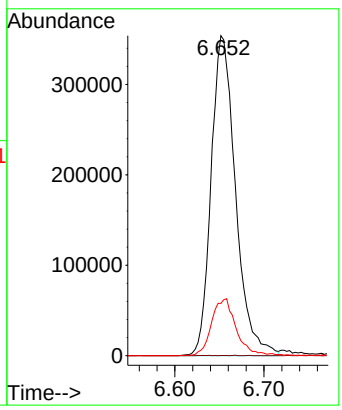


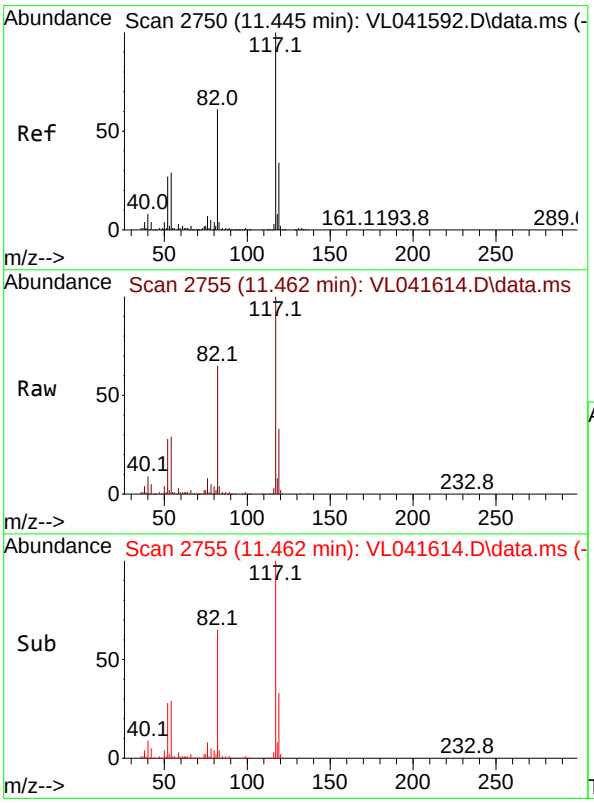
#39
1,2-Dichloropropane
Concen: 8.817 ppbv
RT: 6.652 min Scan# 1
Delta R.T. -0.398 min
Lab File: VL041614.D
Acq: 18 Sep 2024 19:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 673803

Ion	Ratio	Lower	Upper
63	100		
41	0.1	59.5	89.3#
62	16.4	56.2	84.2#

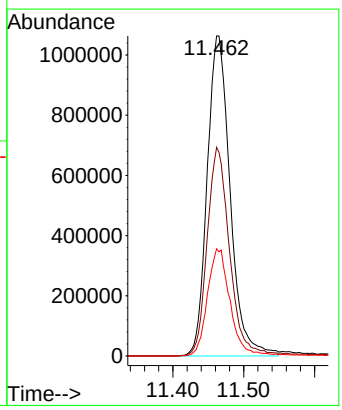


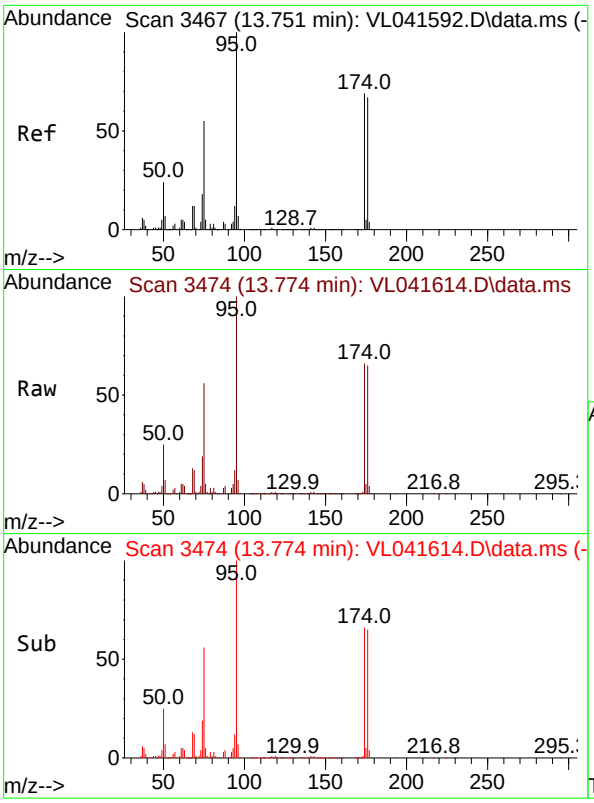


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 2755
Delta R.T. 0.016 min
Lab File: VL041614.D
Acq: 18 Sep 2024 19:56

Tgt Ion:117 Resp: 2397524

Ion	Ratio	Lower	Upper
117	100		
82	64.9	49.4	74.2
119	33.6	24.4	36.6





#68
1-Bromo-4-Fluorobenzene
Concen: 9.954 ppbv
RT: 13.774 min Scan# 34
Delta R.T. 0.023 min
Lab File: VL041614.D
Acq: 18 Sep 2024 19:56

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 1756733

Ion	Ratio	Lower	Upper
95	100		
174	71.3	55.8	83.8
175	5.1	4.1	6.1