Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091824\
Data File : VL041616.D
Acq On : 18 Sep 2024 21:20
Operator : SY/MD
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Sep 19 03:40:24 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	953140	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	6.655	114	2606503	10.000	ppbv	0.03
55) Chlorobenzene-d5	11.465	117	2311244	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1622471	9.536	ppbv	0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.400%			
Target Compounds						Qvalue
15) Acetone	3.510	43	16244	0.136	ppbv	# 88
20) Methylene Chloride	3.941	84	4274	0.095	ppbv	# 70
39) 1,2-Dichloropropane	6.655	63	643965	8.744	ppbv	# 24

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

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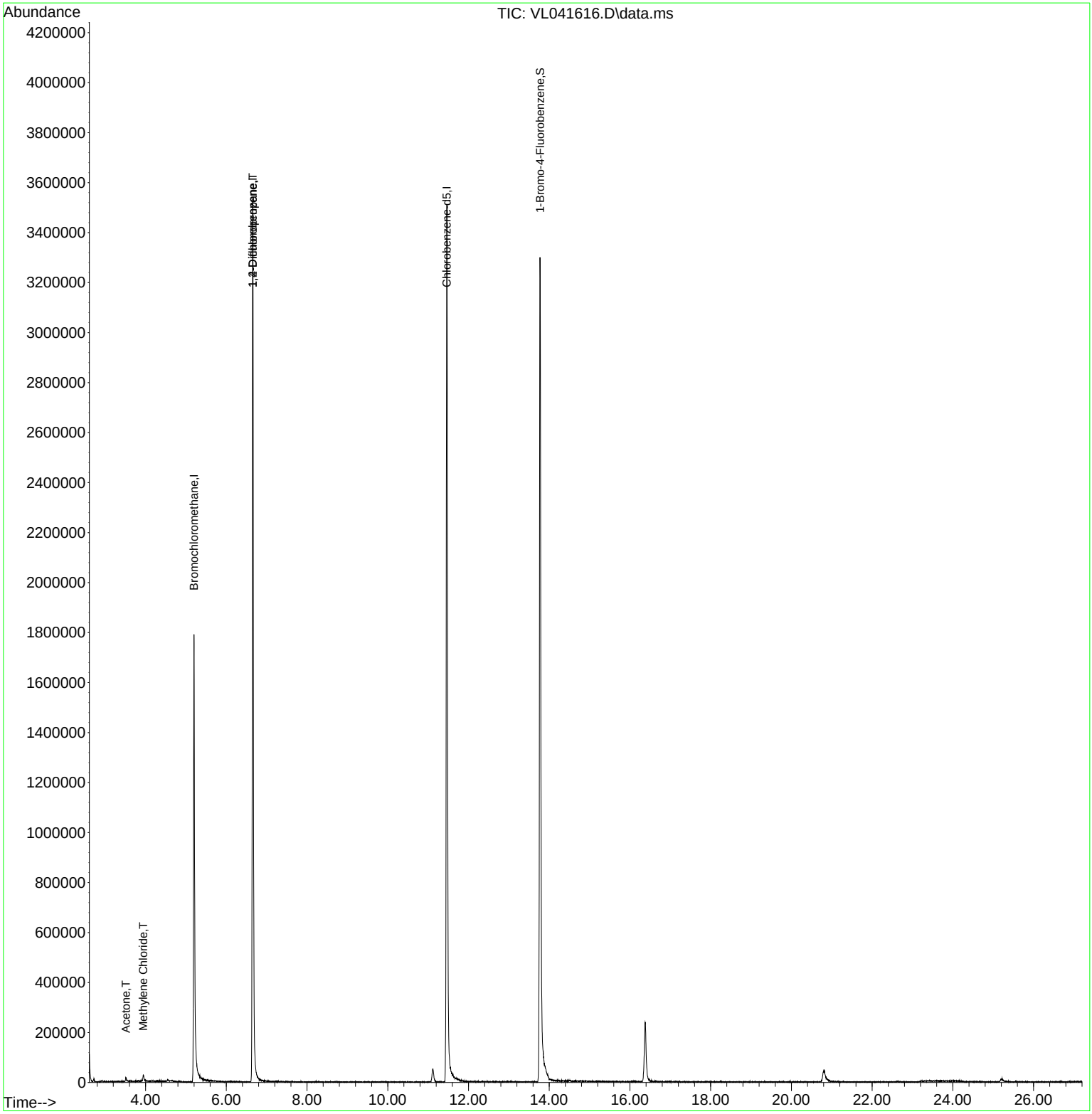
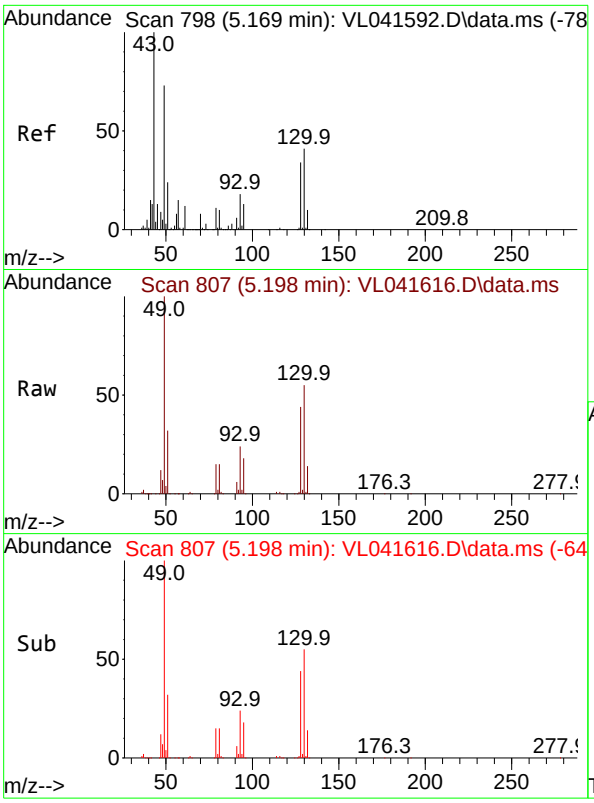


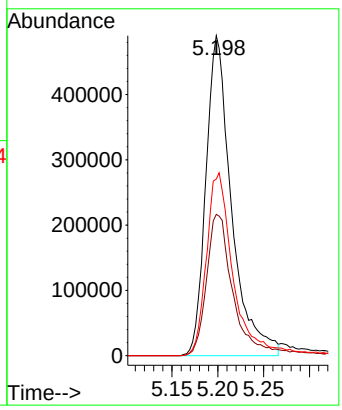


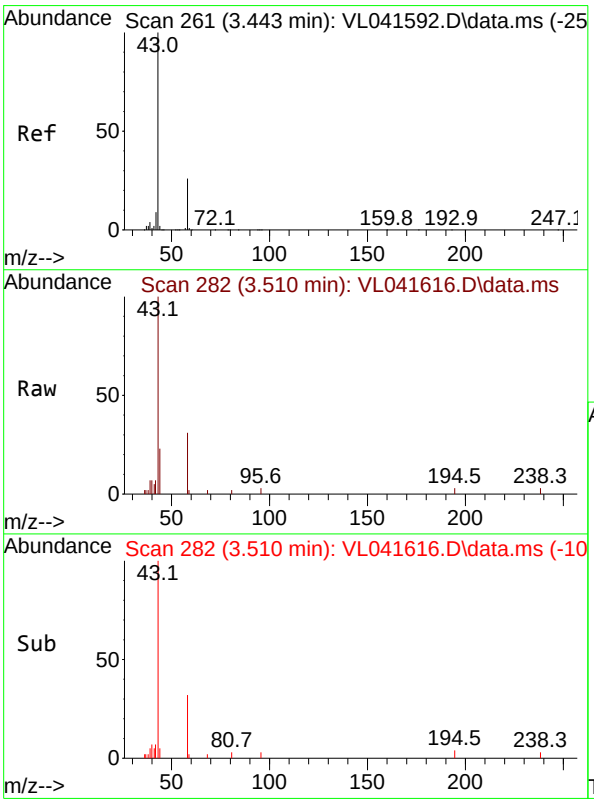
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 8
Delta R.T. 0.029 min
Lab File: VL041616.D
Acq: 18 Sep 2024 21:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 953140

Ion	Ratio	Lower	Upper
49	100		
128	47.9	23.8	71.5
130	61.6	30.4	91.3

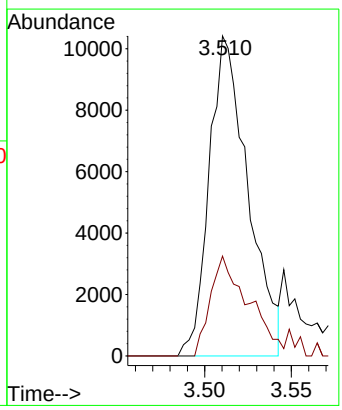


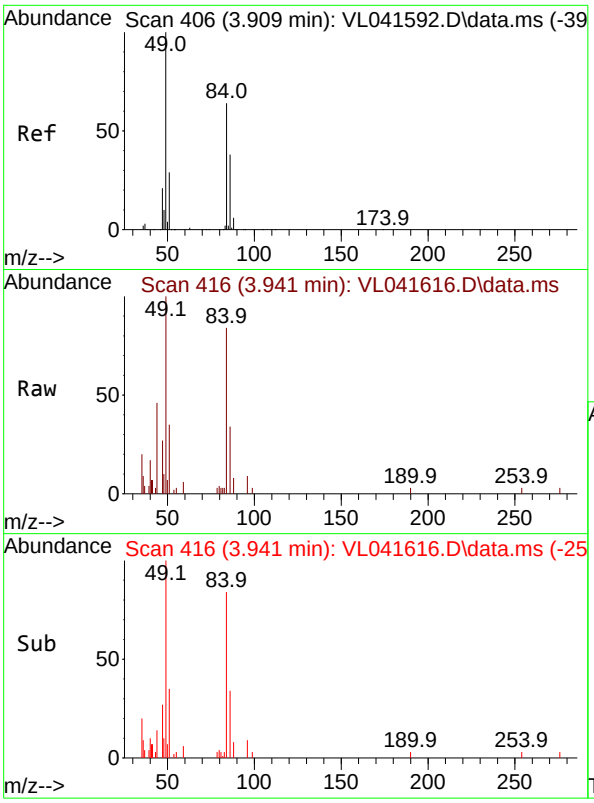


#15
Acetone
Concen: 0.136 ppbv
RT: 3.510 min Scan# 282
Delta R.T. 0.068 min
Lab File: VL041616.D
Acq: 18 Sep 2024 21:20

Tgt Ion: 43 Resp: 16244

Ion	Ratio	Lower	Upper
43	100		
58	33.3	21.5	32.3#



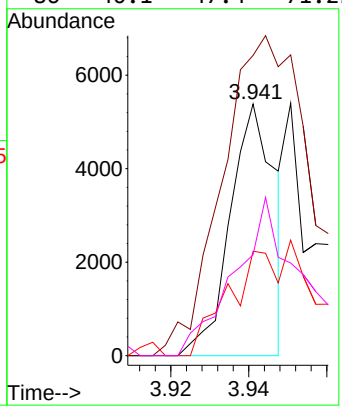


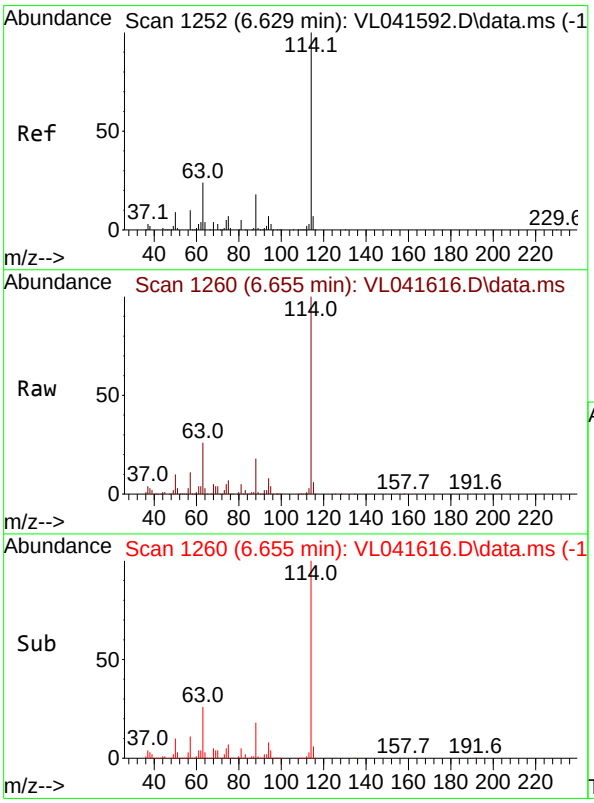
#20
Methylene Chloride
Concen: 0.095 ppbv
RT: 3.941 min Scan# 4
Delta R.T. 0.032 min
Lab File: VL041616.D
Acq: 18 Sep 2024 21:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 4274

Ion	Ratio	Lower	Upper
84	100		
49	105.9	124.3	186.5#
51	41.5	36.3	54.5
86	40.1	47.4	71.2#

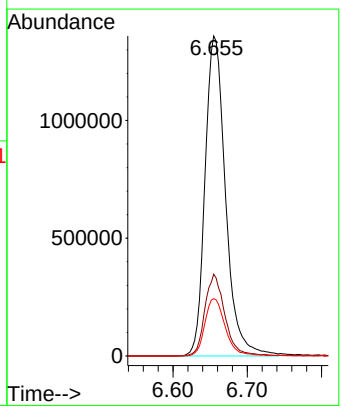


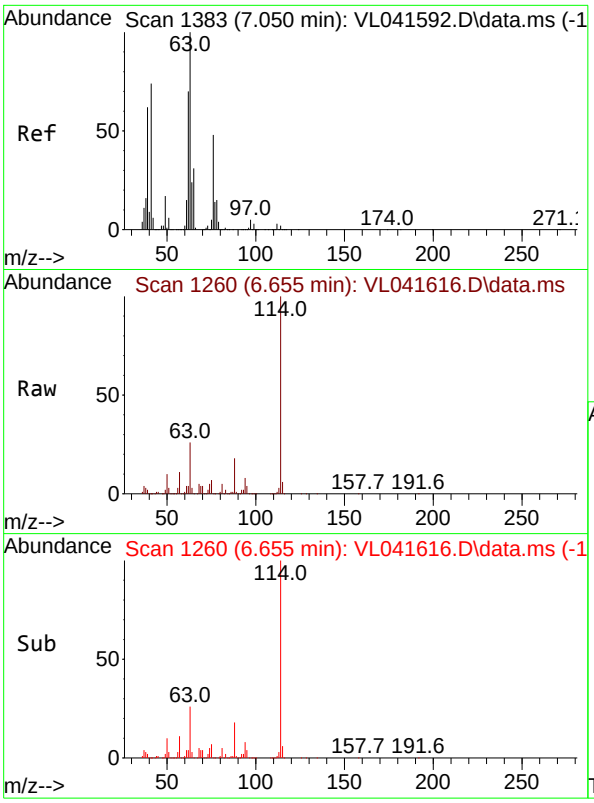


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. 0.026 min
Lab File: VL041616.D
Acq: 18 Sep 2024 21:20

Tgt Ion:114 Resp: 2606503

Ion	Ratio	Lower	Upper
114	100		
63	25.1	20.2	30.2
88	18.0	14.2	21.4



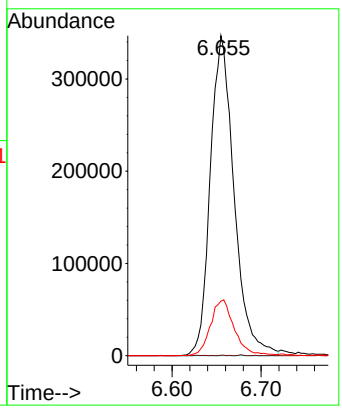


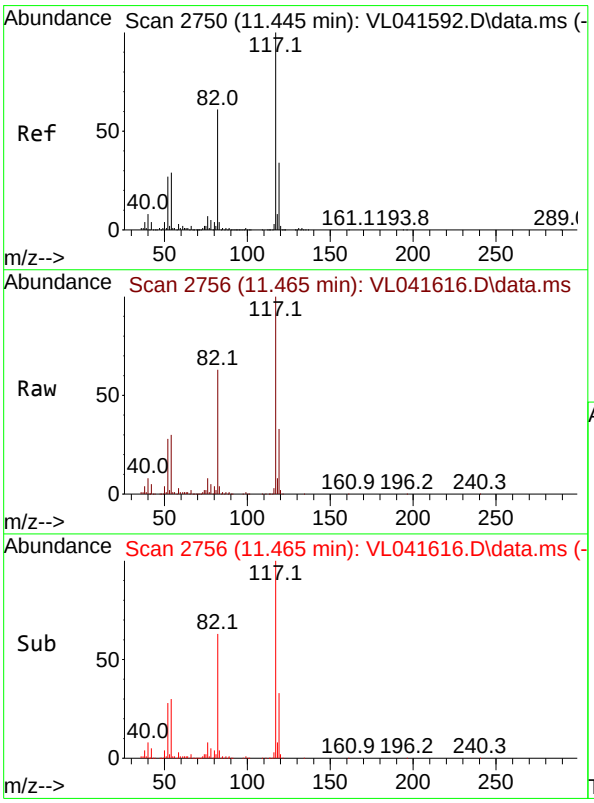
#39
1,2-Dichloropropane
Concen: 8.744 ppbv
RT: 6.655 min Scan# 1
Delta R.T. -0.395 min
Lab File: VL041616.D
Acq: 18 Sep 2024 21:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 643965

Ion	Ratio	Lower	Upper
63	100		
41	0.2	59.5	89.3#
62	17.0	56.2	84.2#

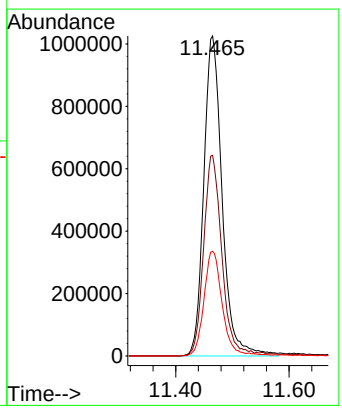


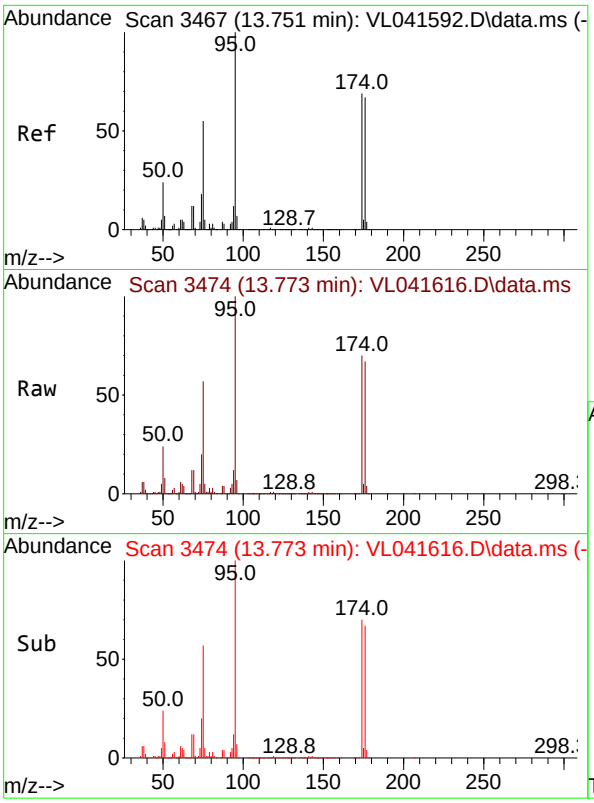


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. 0.019 min
Lab File: VL041616.D
Acq: 18 Sep 2024 21:20

Tgt Ion:117 Resp: 2311244

Ion	Ratio	Lower	Upper
117	100		
82	63.6	49.4	74.2
119	33.2	24.4	36.6





#68
1-Bromo-4-Fluorobenzene
Concen: 9.536 ppbv
RT: 13.773 min Scan# 3
Delta R.T. 0.023 min
Lab File: VL041616.D
Acq: 18 Sep 2024 21:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 1622471

Ion	Ratio	Lower	Upper
95	100		
174	71.2	55.8	83.8
175	5.3	4.1	6.1