Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101722\
Data File : VL039719.D
Acq On : 17 Oct 2022 14:48
Operator : SY/AP
Sample : VL1017ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1017ABL01

Quant Time: Oct 18 05:26:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Oct 18 05:23:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.227	49	999540	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.684	114	2643164	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.497	117	2271977	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.802	95	1625366	9.583	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.800%			
Target Compounds						Qvalue
13) Ethanol	3.282	45	124	0.030	ppbv	# 1
20) Methylene Chloride	3.976	84	5942	0.116	ppbv	# 63
39) 1,2-Dichloropropane	6.684	63	646014	8.279	ppbv	# 25

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

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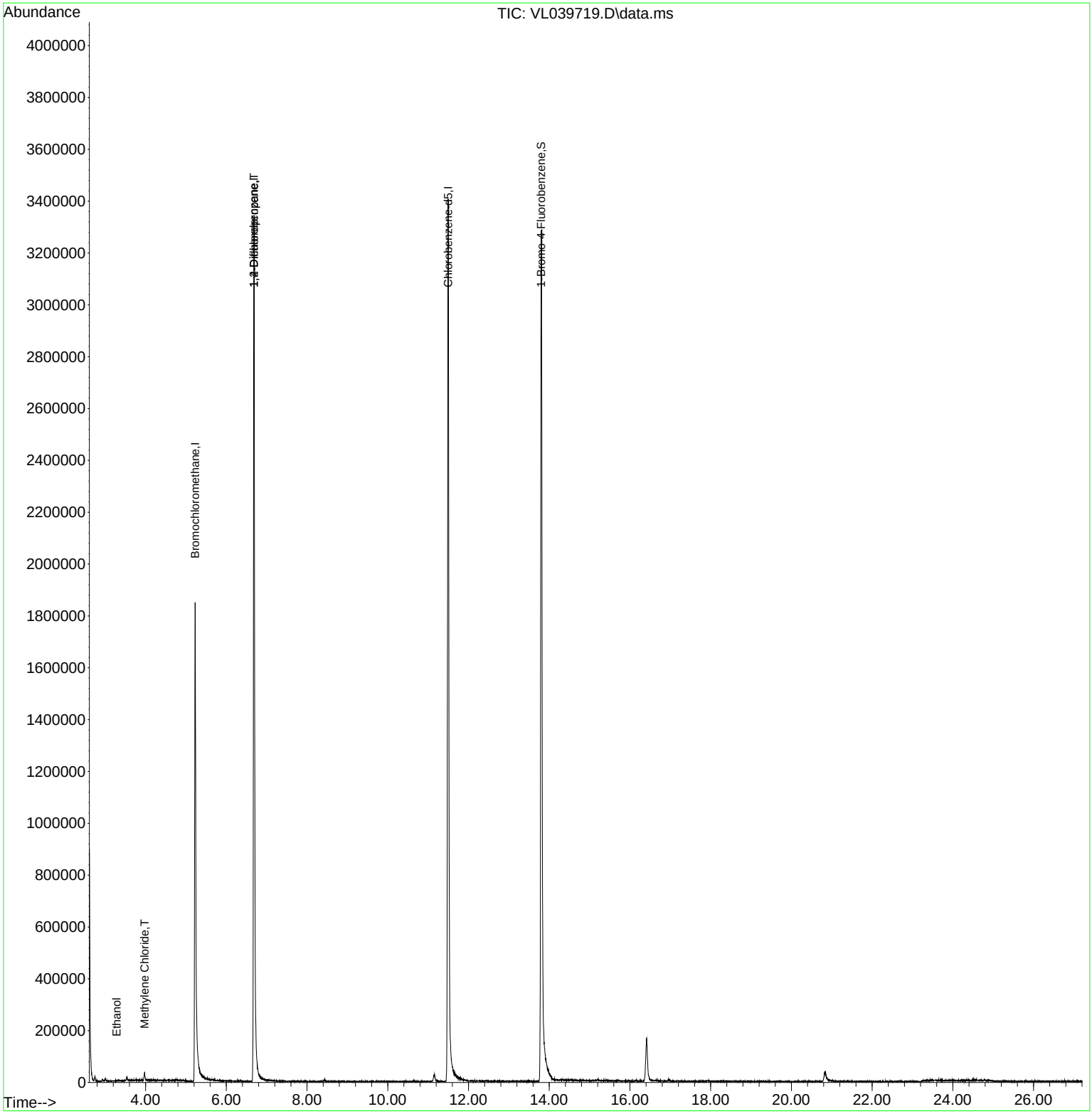
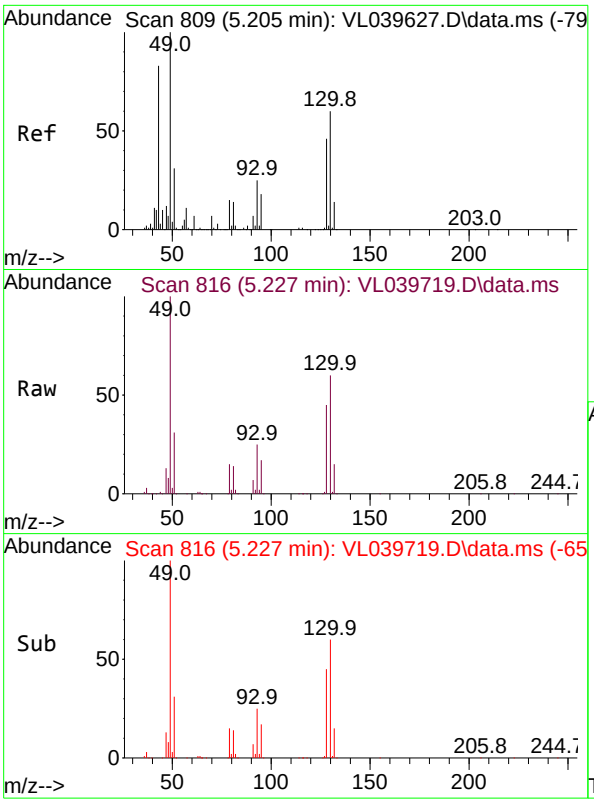


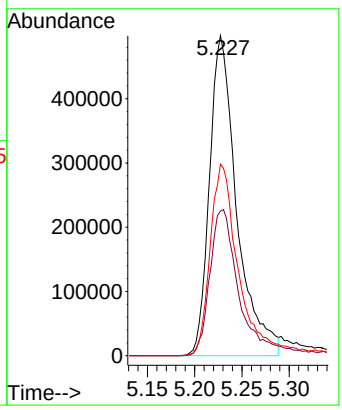


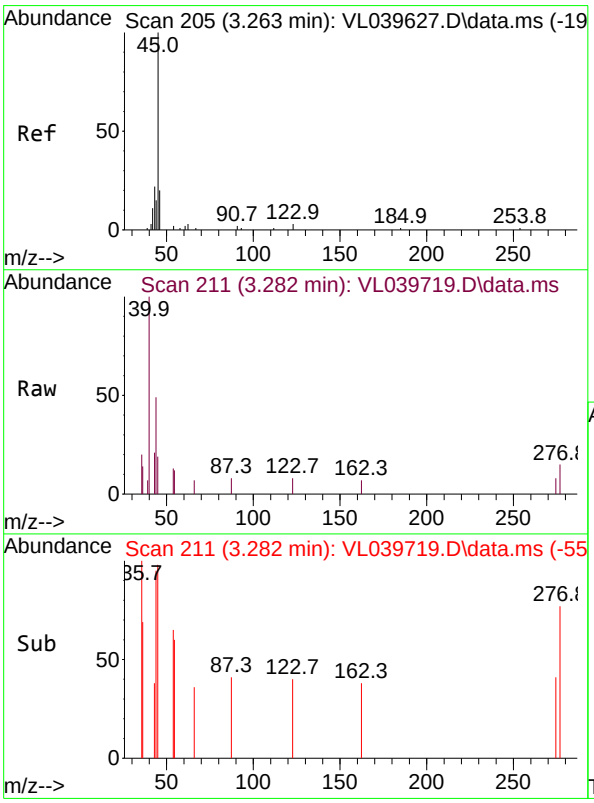
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.227 min Scan# 8
Delta R.T. 0.003 min
Lab File: VL039719.D
Acq: 17 Oct 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL1017ABL01

Tgt Ion: 49 Resp: 999540

Ion	Ratio	Lower	Upper
49	100		
128	51.2	26.7	80.0
130	64.4	34.3	102.8

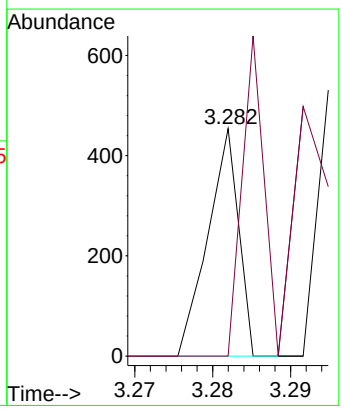


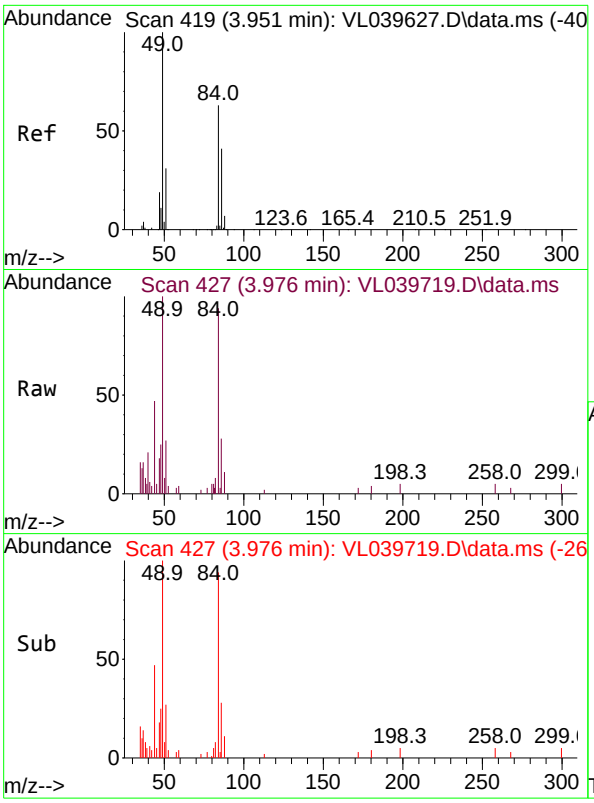


#13
Ethanol
Concen: 0.030 ppbv
RT: 3.282 min Scan# 211
Delta R.T. 0.000 min
Lab File: VL039719.D
Acq: 17 Oct 2022 14:48

Tgt Ion: 45 Resp: 124

Ion	Ratio	Lower	Upper
45	100		
46	547.6	22.8	91.2#



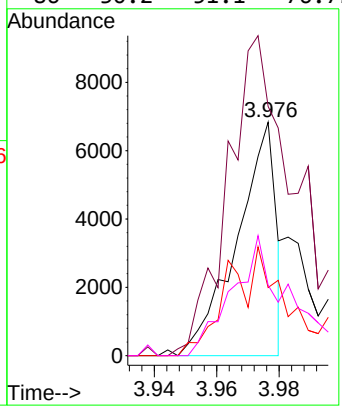


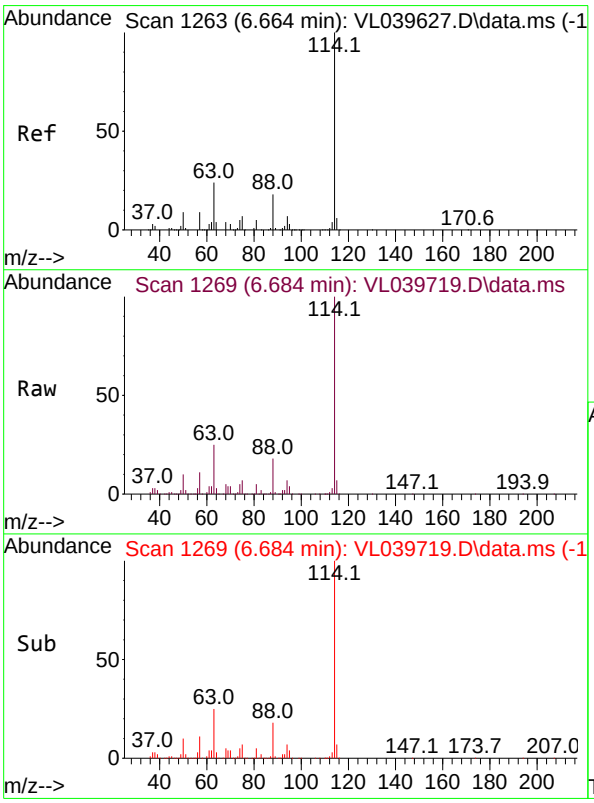
#20
Methylene Chloride
Concen: 0.116 ppbv
RT: 3.976 min Scan# 4
Delta R.T. 0.006 min
Lab File: VL039719.D
Acq: 17 Oct 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL1017ABL01

Tgt Ion: 84 Resp: 5942

Ion	Ratio	Lower	Upper
84	100		
49	103.8	123.1	184.7#
51	29.2	34.4	51.6#
86	30.2	51.1	76.7#

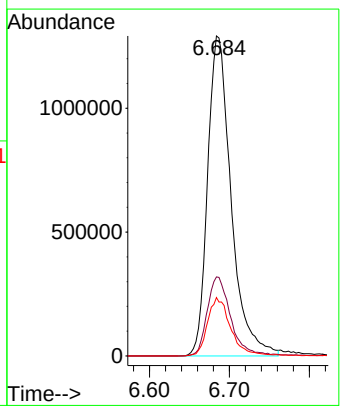


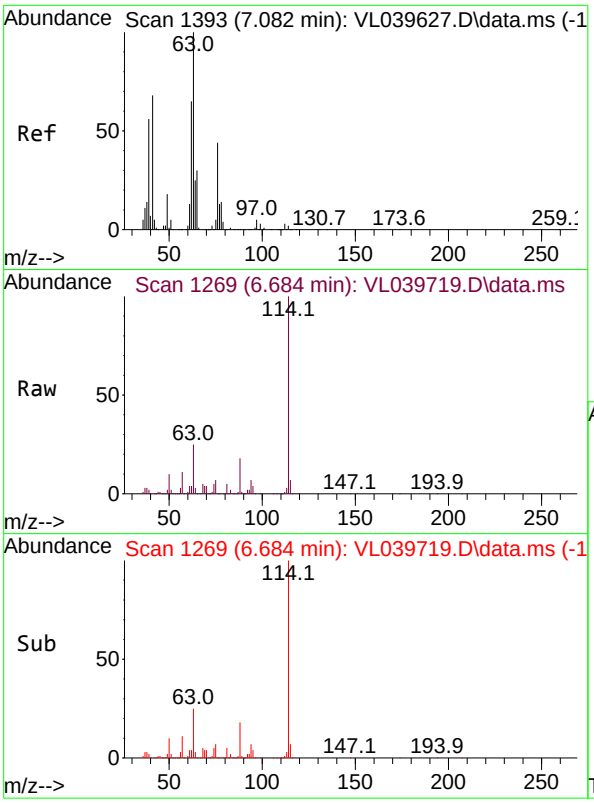


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.684 min Scan# 1269
Delta R.T. -0.003 min
Lab File: VL039719.D
Acq: 17 Oct 2022 14:48

Tgt Ion:114 Resp: 2643164

Ion	Ratio	Lower	Upper
114	100		
63	25.0	20.2	30.4
88	18.1	14.5	21.7



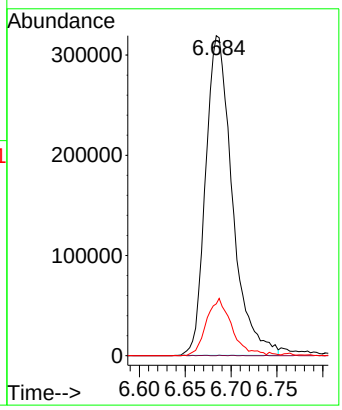


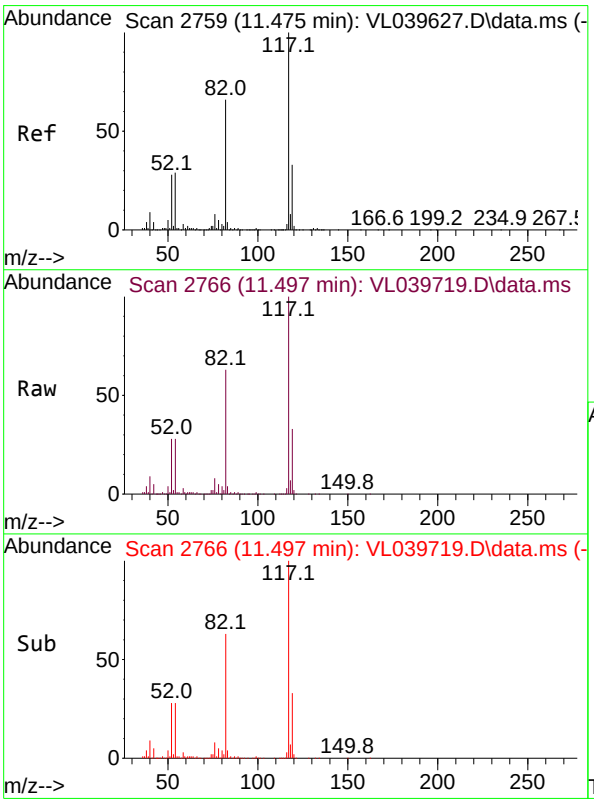
#39
1,2-Dichloropropane
Concen: 8.279 ppbv
RT: 6.684 min Scan# 1
Delta R.T. -0.421 min
Lab File: VL039719.D
Acq: 17 Oct 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL1017ABL01

Tgt Ion: 63 Resp: 646014

Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.6	89.4#
62	16.2	51.4	77.0#

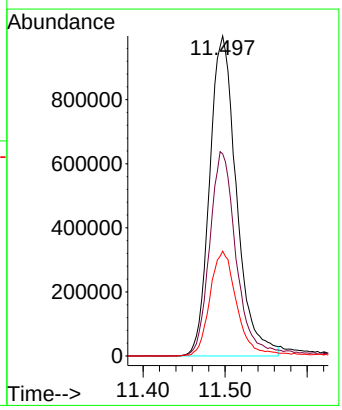


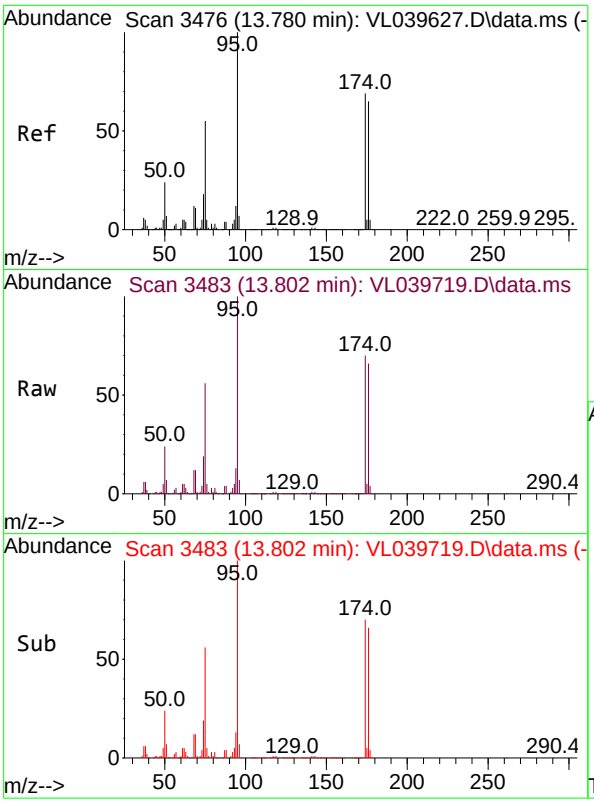


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. 0.006 min
Lab File: VL039719.D
Acq: 17 Oct 2022 14:48

Tgt Ion:117 Resp: 2271977

Ion	Ratio	Lower	Upper
117	100		
82	64.2	50.8	76.2
119	33.2	24.1	36.1





#68
1-Bromo-4-Fluorobenzene
Concen: 9.583 ppbv
RT: 13.802 min Scan# 34
Delta R.T. 0.003 min
Lab File: VL039719.D
Acq: 17 Oct 2022 14:48

Instrument :
MSVOA_L
ClientSampleId :
VL1017ABL01

Tgt Ion: 95 Resp: 1625366

Ion	Ratio	Lower	Upper
95	100		
174	73.0	55.9	83.9
175	5.4	4.2	6.4