Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102522\
Data File : VL039795.D
Acq On : 25 Oct 2022 19:52
Operator : SY/AP
Sample : N5227-13DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
MDL

Quant Time: Oct 28 08:39:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Mon Oct 24 20:00:55 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.205	49	868892	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.661	114	2238991	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.468	117	1910329	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.773	95	653866	4.812	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 48.100%#				
Target Compounds							Qvalue
9) Propene	2.716	41	55721	1.243	ppbv		98
15) Acetone	3.504	43	97158	0.936	ppbv		97
20) Methylene Chloride	3.951	84	53820	1.363	ppbv	#	88
26) Hexane	5.224	57	30794	0.365	ppbv	#	34

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

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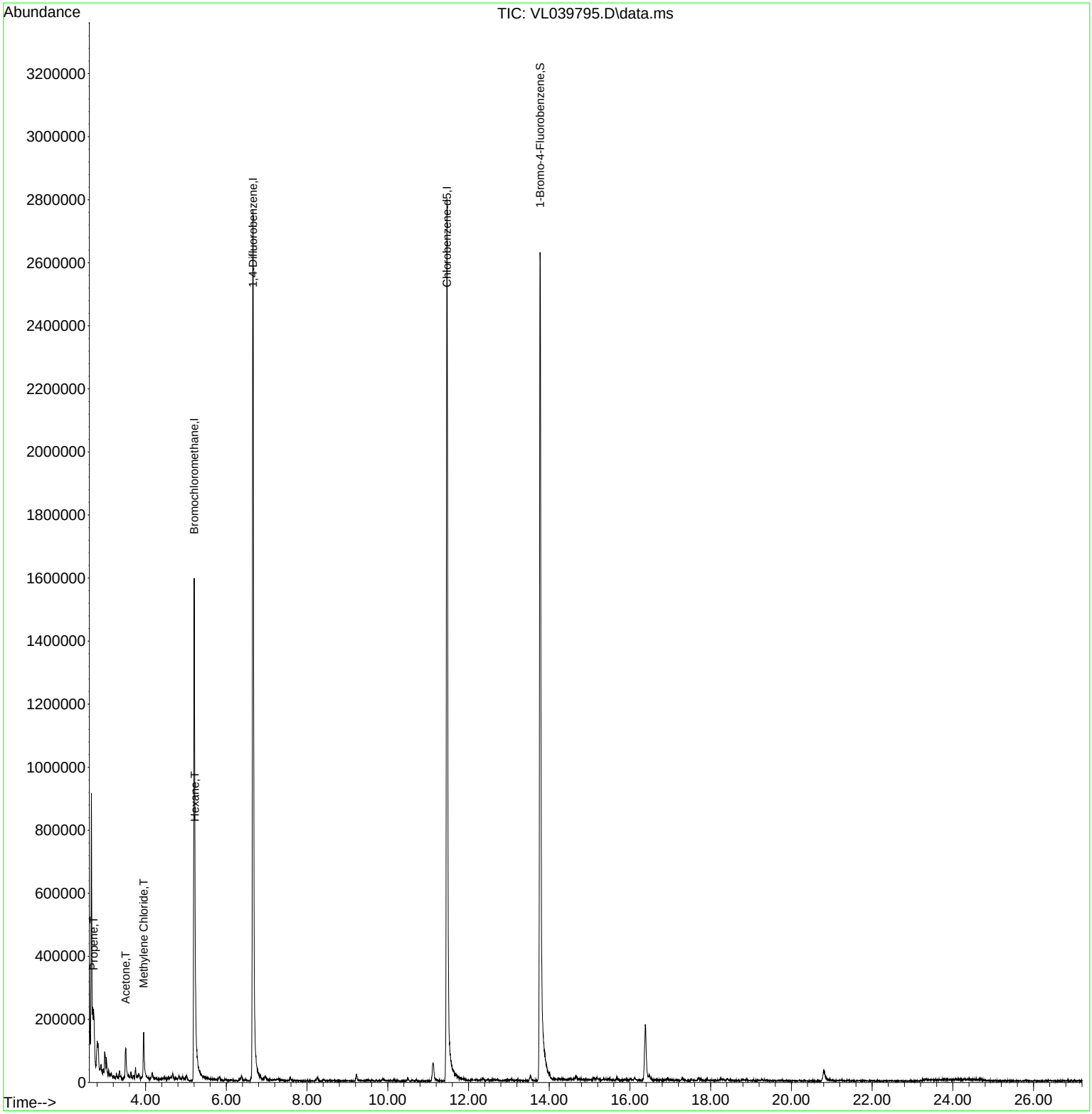
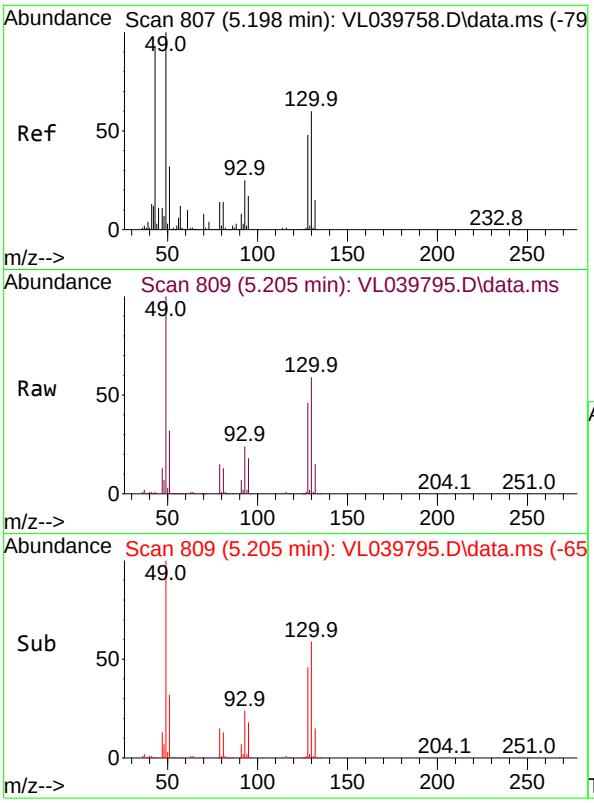


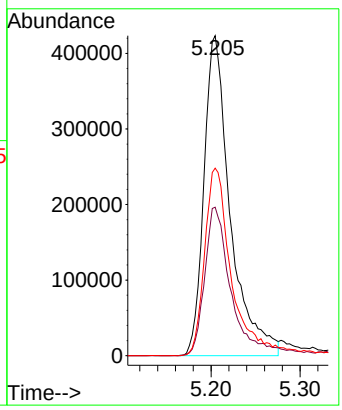


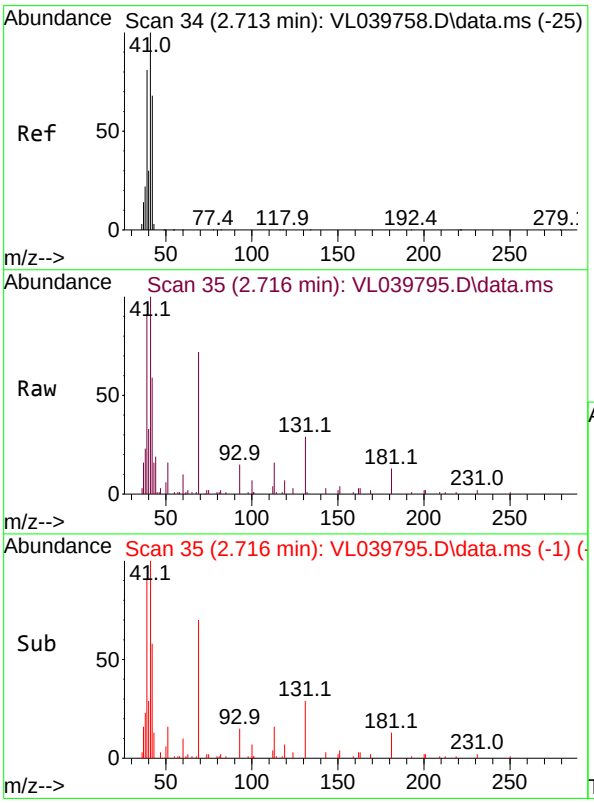
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 8
Delta R.T. 0.007 min
Lab File: VL039795.D
Acq: 25 Oct 2022 19:52

Instrument :
MSVOA_L
ClientSampleId :
MDL

Tgt Ion: 49 Resp: 868892

Ion	Ratio	Lower	Upper
49	100		
128	47.6	24.6	74.0
130	63.4	31.8	95.3

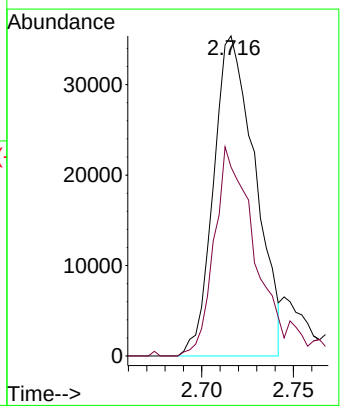


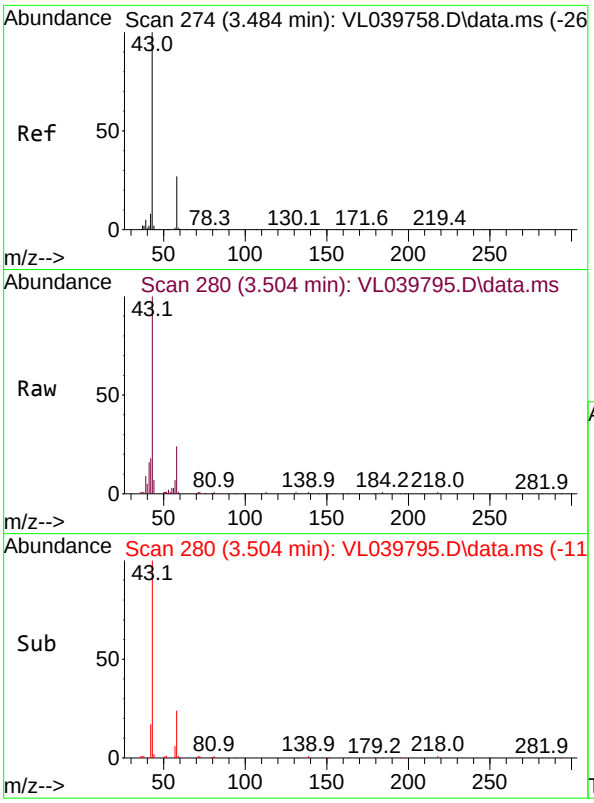


#9
Propene
Concen: 1.243 ppbv
RT: 2.716 min Scan# 35
Delta R.T. 0.003 min
Lab File: VL039795.D
Acq: 25 Oct 2022 19:52

Tgt Ion: 41 Resp: 55721

Ion	Ratio	Lower	Upper
41	100		
42	70.7	58.0	87.0



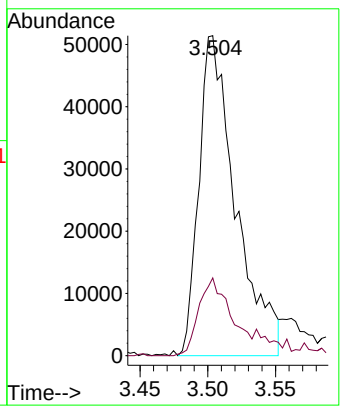


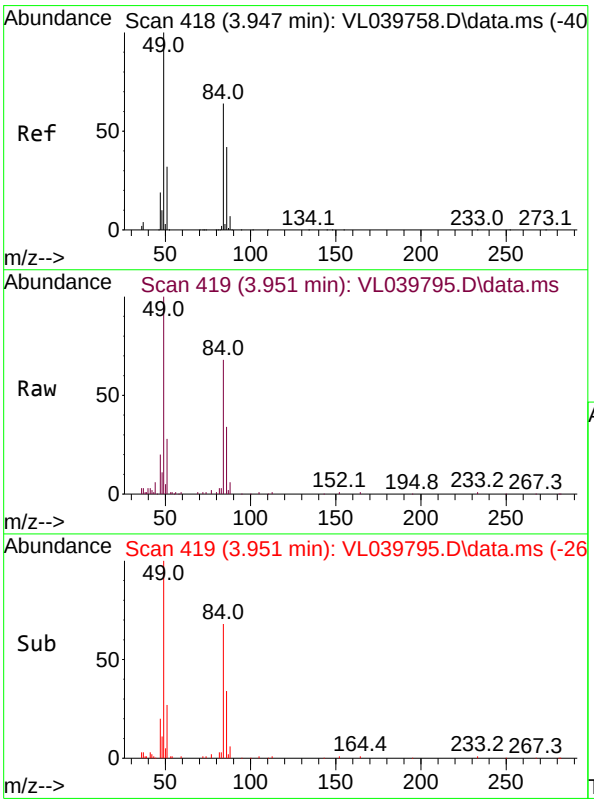
#15
Acetone
Concen: 0.936 ppbv
RT: 3.504 min Scan# 2
Delta R.T. 0.019 min
Lab File: VL039795.D
Acq: 25 Oct 2022 19:52

Instrument :
MSVOA_L
ClientSampleId :
MDL

Tgt Ion: 43 Resp: 97158

Ion	Ratio	Lower	Upper
43	100		
58	27.6	20.7	31.1

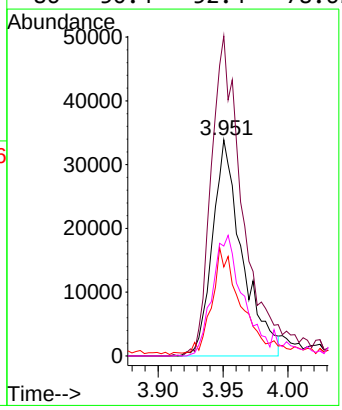


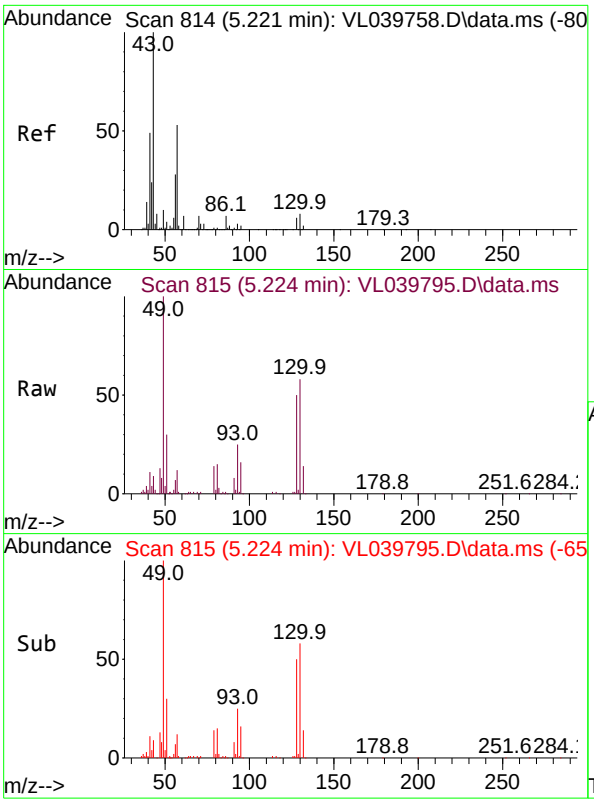


#20
Methylene Chloride
Concen: 1.363 ppbv
RT: 3.951 min Scan# 419
Delta R.T. 0.003 min
Lab File: VL039795.D
Acq: 25 Oct 2022 19:52

Tgt Ion: 84 Resp: 53820

Ion	Ratio	Lower	Upper
84	100		
49	148.0	126.0	189.0
51	39.7	40.9	61.3#
86	50.4	52.4	78.6#



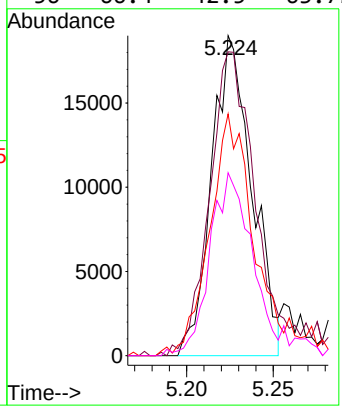


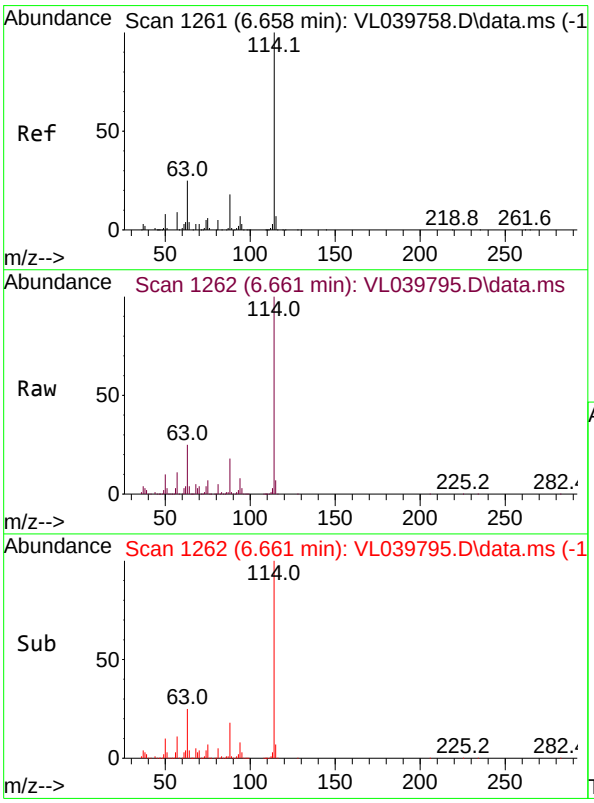
#26
Hexane
Concen: 0.365 ppbv
RT: 5.224 min Scan# 8
Delta R.T. 0.003 min
Lab File: VL039795.D
Acq: 25 Oct 2022 19:52

Instrument :
MSVOA_L
ClientSampleId :
MDL

Tgt Ion: 57 Resp: 30794

Ion	Ratio	Lower	Upper
57	100		
41	114.7	76.1	114.1#
43	85.4	197.1	295.7#
56	66.4	42.5	63.7#

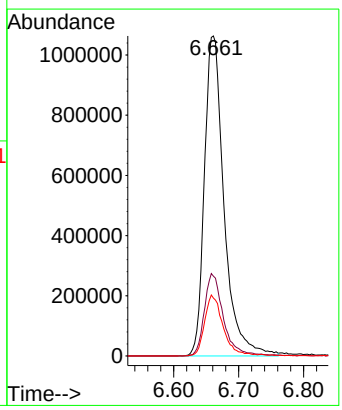


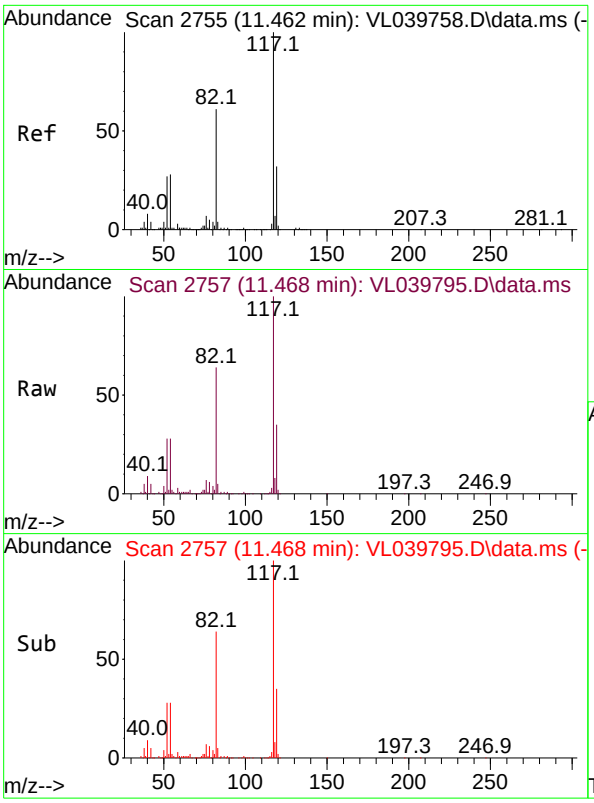


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.661 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VL039795.D
Acq: 25 Oct 2022 19:52

Tgt Ion:114 Resp: 2238991

Ion	Ratio	Lower	Upper
114	100		
63	25.2	20.1	30.1
88	18.1	14.5	21.7



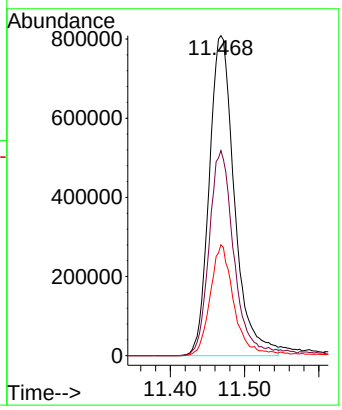


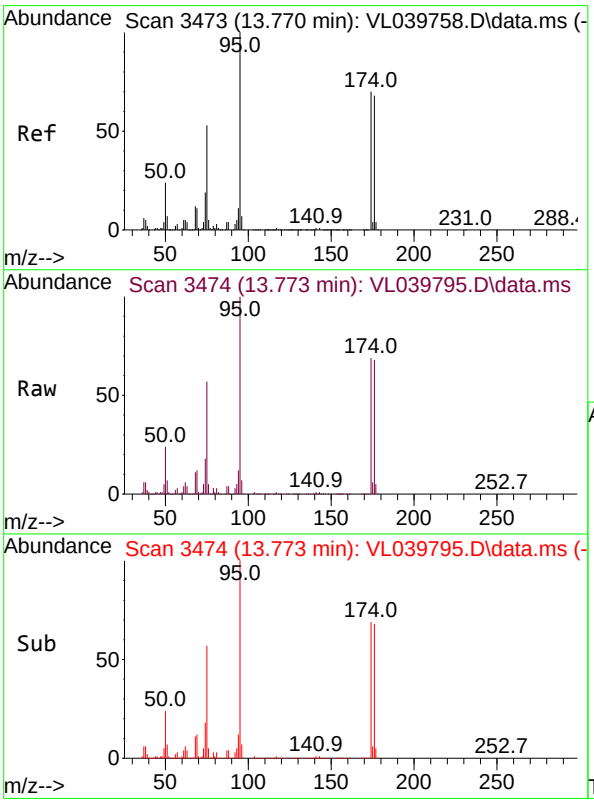
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 2
Delta R.T. 0.006 min
Lab File: VL039795.D
Acq: 25 Oct 2022 19:52

Instrument :
MSVOA_L
ClientSampleId :
MDL

Tgt Ion:117 Resp: 1910329

Ion	Ratio	Lower	Upper
117	100		
82	65.6	49.9	74.9
119	33.9	25.2	37.8





#68
1-Bromo-4-Fluorobenzene
Concen: 4.812 ppbv
RT: 13.773 min Scan# 3474
Delta R.T. 0.003 min
Lab File: VL039795.D
Acq: 25 Oct 2022 19:52

Tgt Ion: 95 Resp: 653866

Ion	Ratio	Lower	Upper
95	100		
174	0.0	57.3	85.9#
175	11.4	4.2	6.2#