Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111523\
Data File : VL040884.D
Acq On : 16 Nov 2023 1:15
Operator : SY/MD
Sample : 05277-07DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
NT-SS-8-2DL

Quant Time: Nov 16 06:36:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Mon Nov 13 15:42:46 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.205	49	951664	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	6.655	114	2245687	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.452	117	2000563	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	1562770	9.977	ppbv	0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.800%			
Target Compounds						Qvalue
13) Ethanol	3.279	45	274148	27.572	ppbv #	100
15) Acetone	3.504	43	298425	2.944	ppbv	98
20) Methylene Chloride	3.960	84	258059	6.169	ppbv	98
26) Hexane	5.227	57	160503	1.728	ppbv #	40

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

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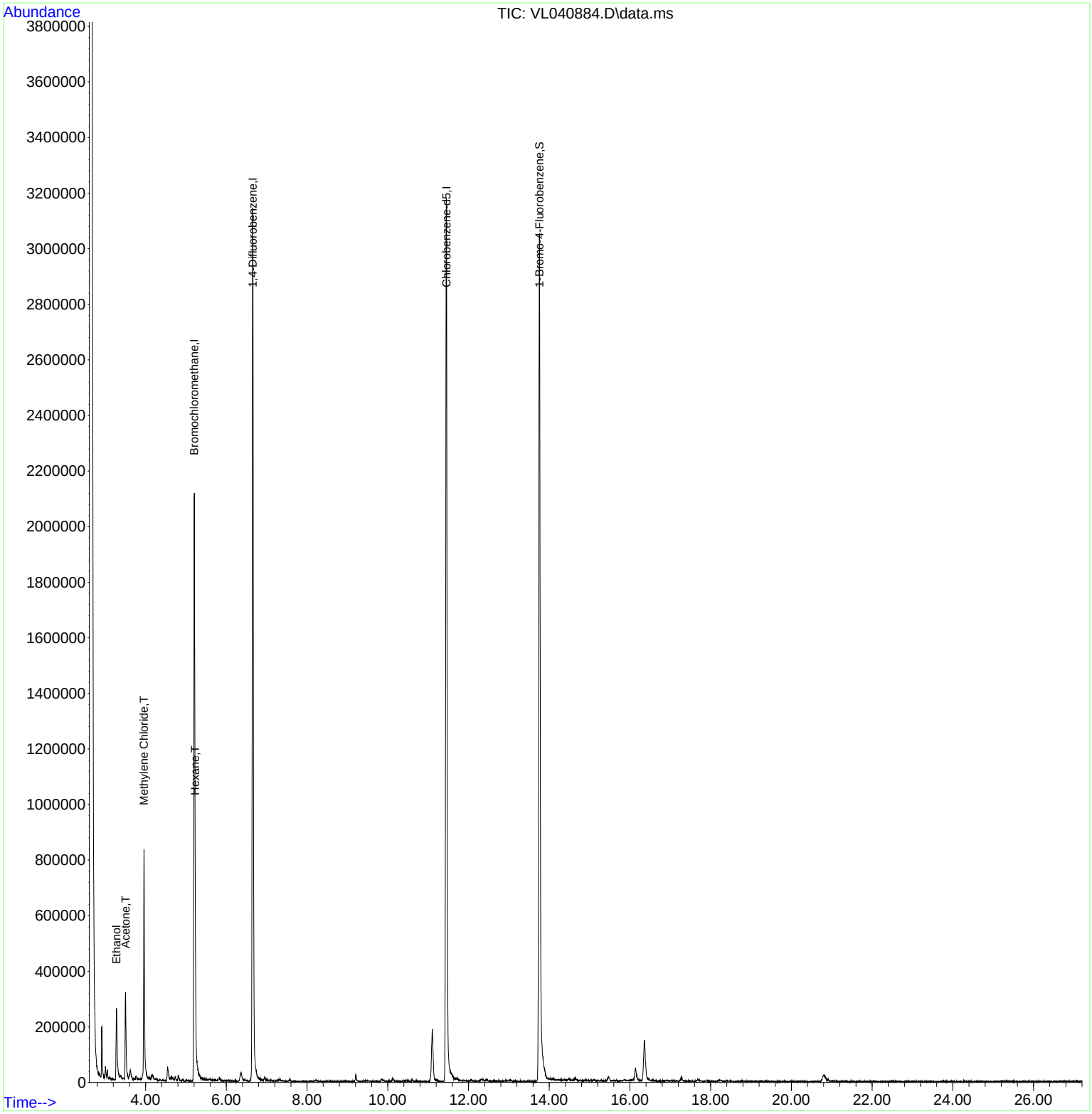
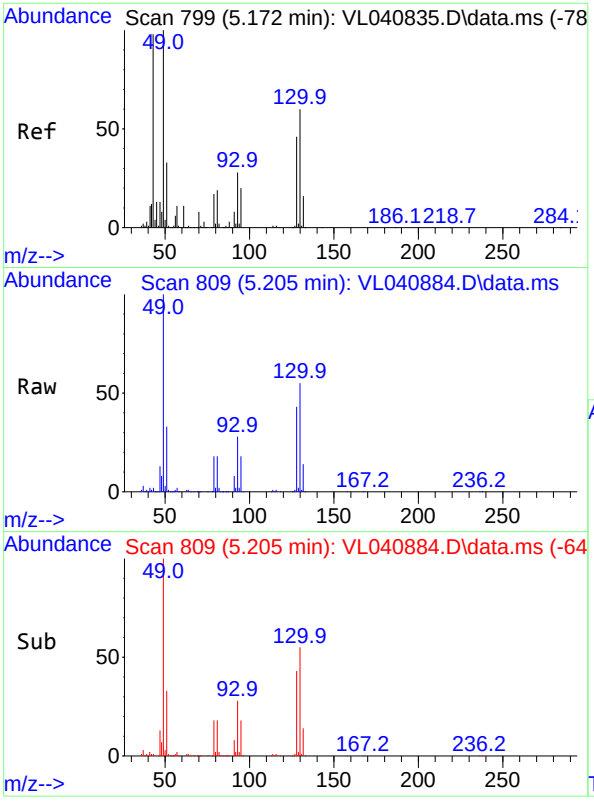


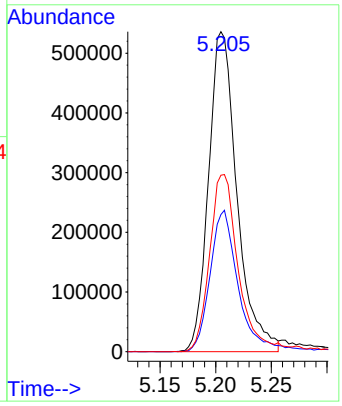


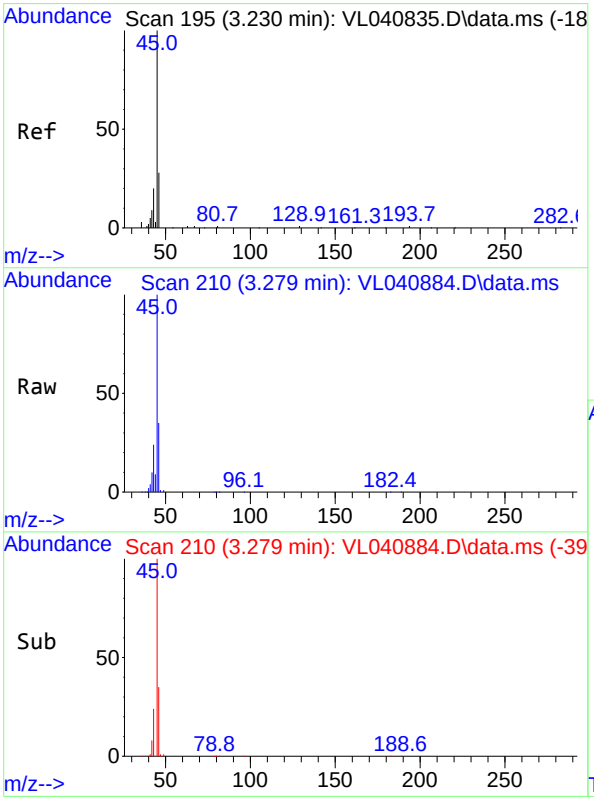
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 8
Delta R.T. 0.033 min
Lab File: VL040884.D
Acq: 16 Nov 2023 1:15

Instrument :
MSVOA_L
ClientSampleId :
NT-SS-8-2DL

Tgt Ion: 49 Resp: 951664

Ion	Ratio	Lower	Upper
49	100		
128	45.1	23.8	71.2
130	58.4	30.9	92.8

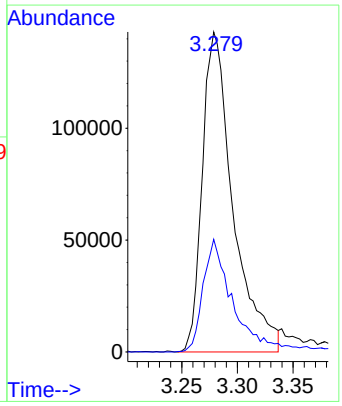


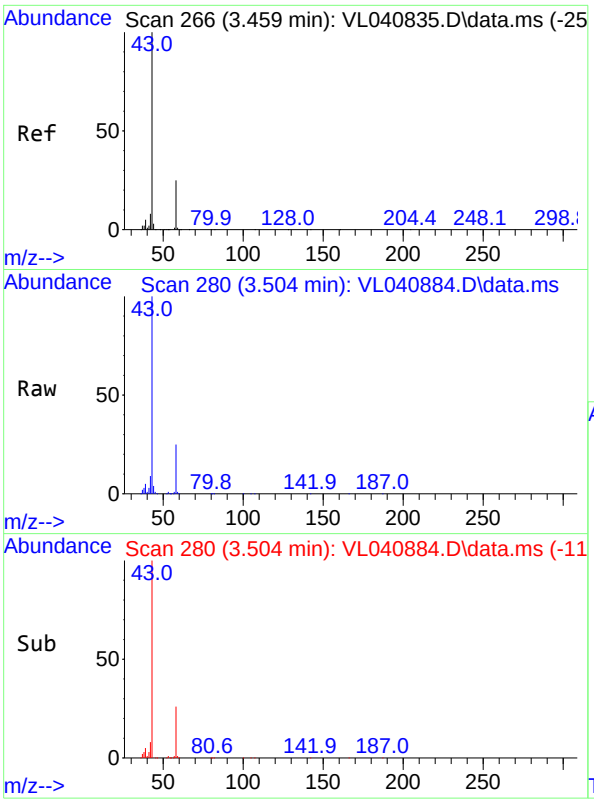


#13
Ethanol
Concen: 27.572 ppbv
RT: 3.279 min Scan# 210
Delta R.T. 0.048 min
Lab File: VL040884.D
Acq: 16 Nov 2023 1:15

Tgt Ion: 45 Resp: 274148

Ion	Ratio	Lower	Upper
45	100		
46	36.4	0.0	0.0#



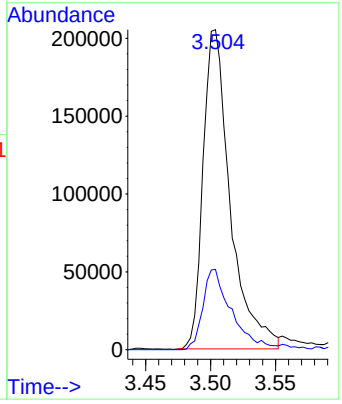


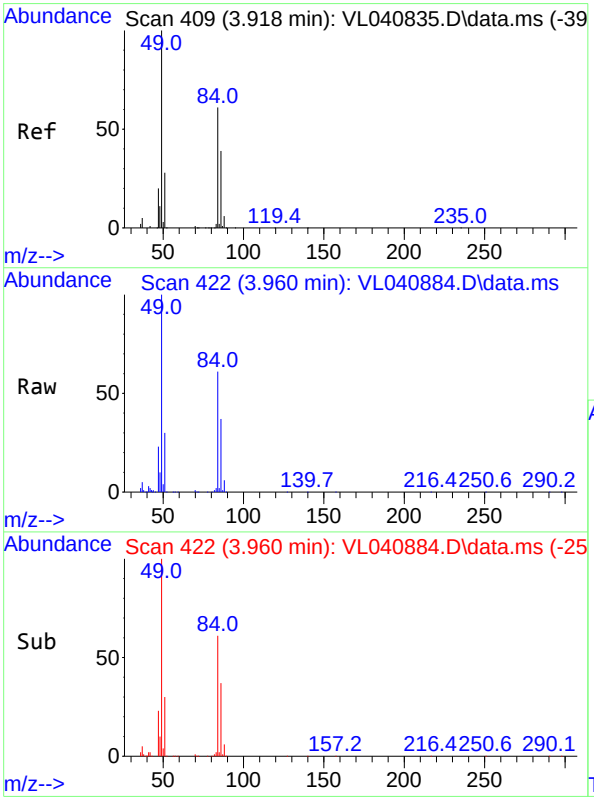
#15
Acetone
Concen: 2.944 ppbv
RT: 3.504 min Scan# 2
Delta R.T. 0.045 min
Lab File: VL040884.D
Acq: 16 Nov 2023 1:15

Instrument :
MSVOA_L
ClientSampleId :
NT-SS-8-2DL

Tgt Ion: 43 Resp: 298425

Ion	Ratio	Lower	Upper
43	100		
58	27.3	20.9	31.3

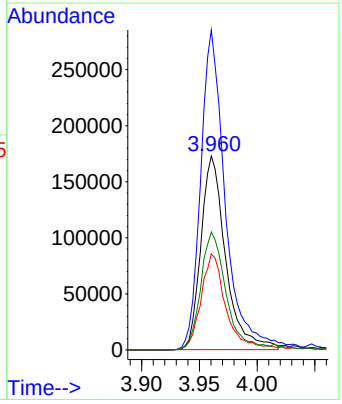


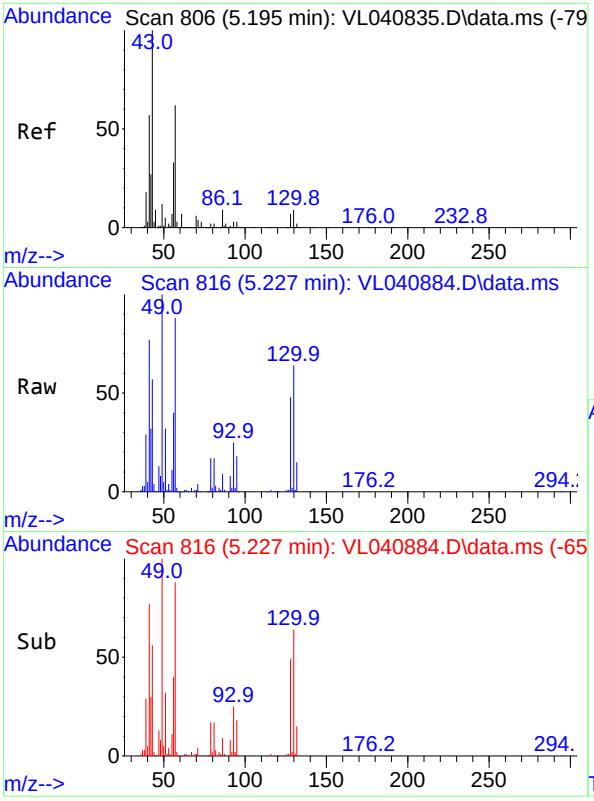


#20
Methylene Chloride
Concen: 6.169 ppbv
RT: 3.960 min Scan# 422
Delta R.T. 0.042 min
Lab File: VL040884.D
Acq: 16 Nov 2023 1:15

Tgt Ion: 84 Resp: 258059

Ion	Ratio	Lower	Upper
84	100		
49	164.8	131.0	196.4
51	49.4	36.9	55.3
86	60.5	51.2	76.8



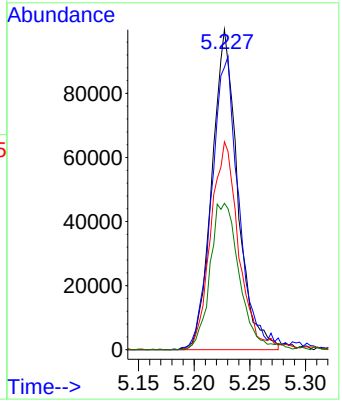


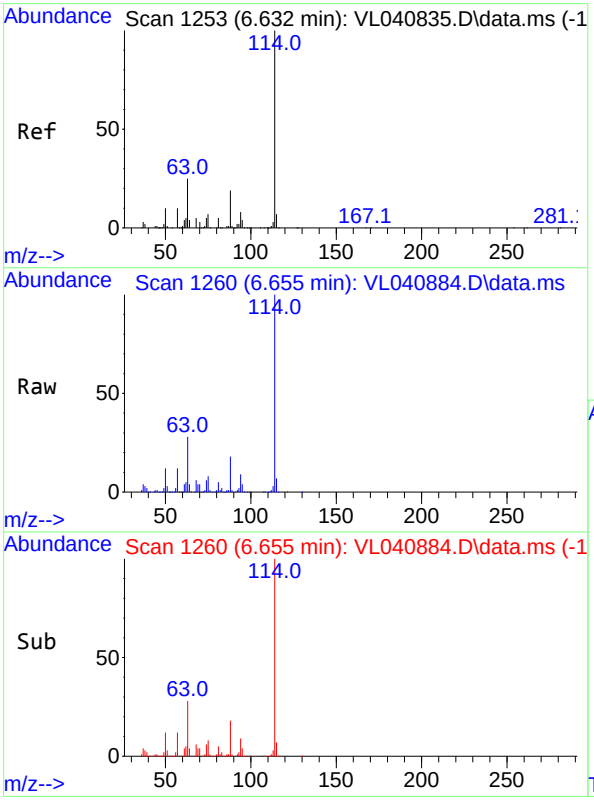
#26
Hexane
Concen: 1.728 ppbv
RT: 5.227 min Scan# 8
Delta R.T. 0.032 min
Lab File: VL040884.D
Acq: 16 Nov 2023 1:15

Instrument :
MSVOA_L
ClientSampleId :
NT-SS-8-2DL

Tgt Ion: 57 Resp: 160503

Ion	Ratio	Lower	Upper
57	100		
41	100.1	75.4	113.0
43	72.2	185.9	278.9#
56	53.1	42.6	63.8

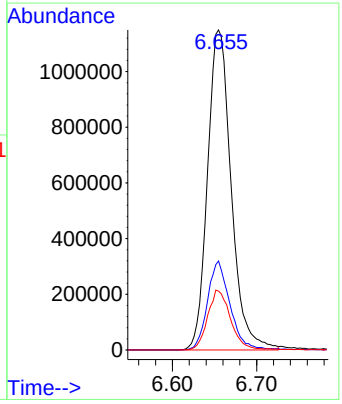


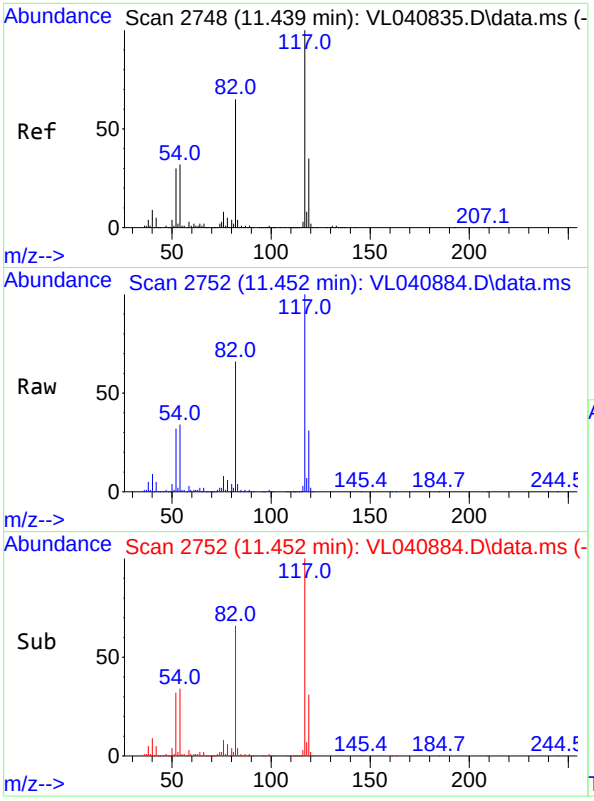


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. 0.023 min
Lab File: VL040884.D
Acq: 16 Nov 2023 1:15

Tgt Ion:114 Resp: 2245687

Ion	Ratio	Lower	Upper
114	100		
63	26.9	20.9	31.3
88	18.4	14.3	21.5



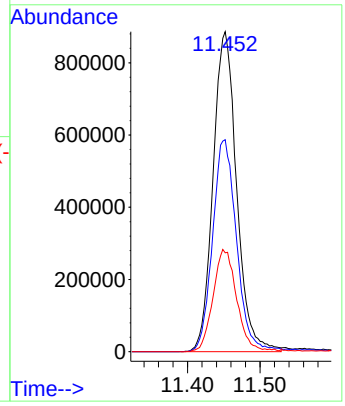


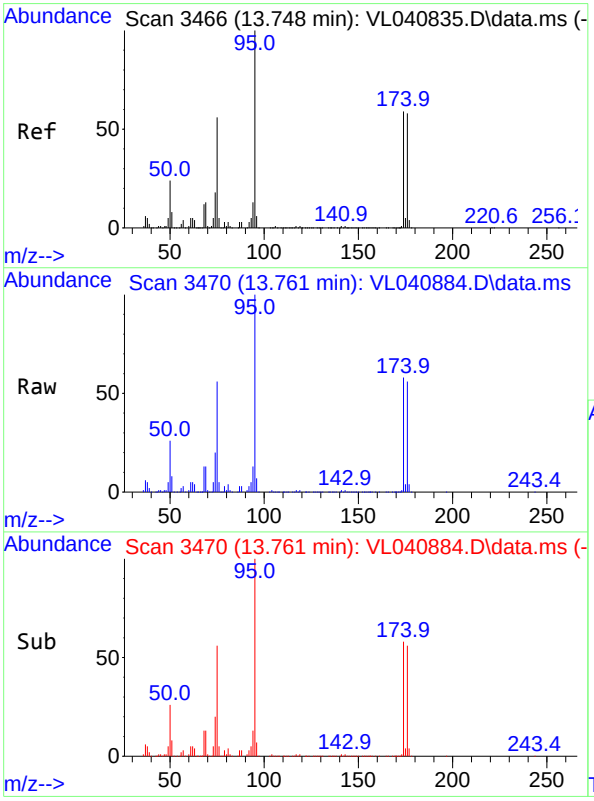
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 2
Delta R.T. 0.013 min
Lab File: VL040884.D
Acq: 16 Nov 2023 1:15

Instrument :
MSVOA_L
ClientSampleId :
NT-SS-8-2DL

Tgt Ion:117 Resp: 2000563

Ion	Ratio	Lower	Upper
117	100		
82	68.8	50.6	75.8
119	32.8	23.3	34.9





#68
1-Bromo-4-Fluorobenzene
Concen: 9.977 ppbv
RT: 13.761 min Scan# 3470
Delta R.T. 0.013 min
Lab File: VL040884.D
Acq: 16 Nov 2023 1:15

Tgt Ion: 95 Resp: 1562770

Ion	Ratio	Lower	Upper
95	100		
174	60.5	47.5	71.3
175	4.4	3.6	5.4