Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
Data File : VL041737.D
Acq On : 12 Dec 2024 00:13
Operator : SY/MD
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Dec 12 06:04:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Dec 12 05:50:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.780	49	252039	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	3.952	114	1228233	10.000	ppbv	-0.02
55) Chlorobenzene-d5	8.878	117	1082749	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	711354	9.994	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.900%			
Target Compounds						Qvalue
13) Ethanol	1.716	45	2269	1.875	ppbv	# 34
15) Acetone	1.832	43	10990	0.378	ppbv	# 86
19) Isopropyl Alcohol	1.884	45	15544	0.562	ppbv	# 31
20) Methylene Chloride	2.059	84	5877	0.333	ppbv	98

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

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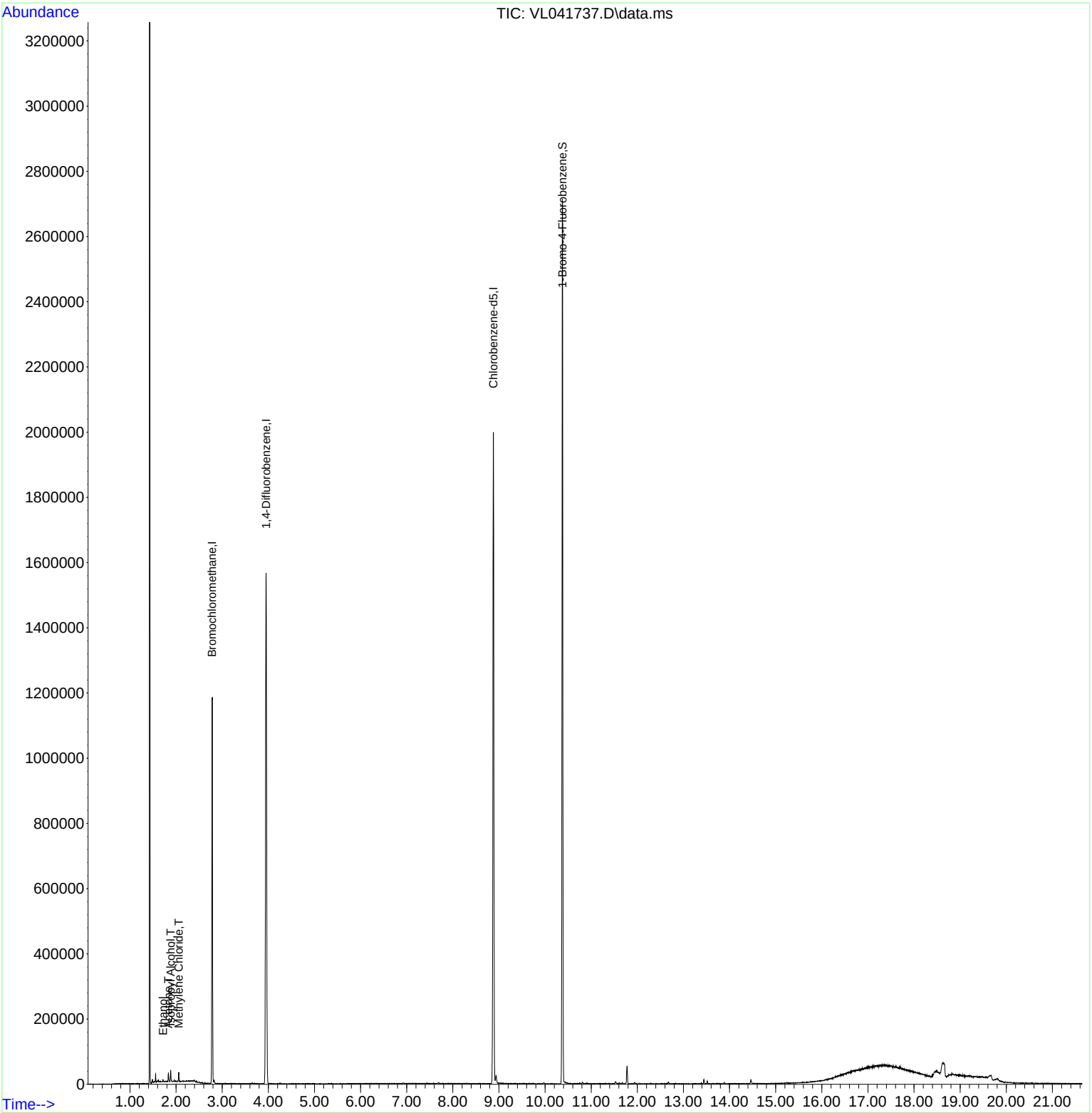
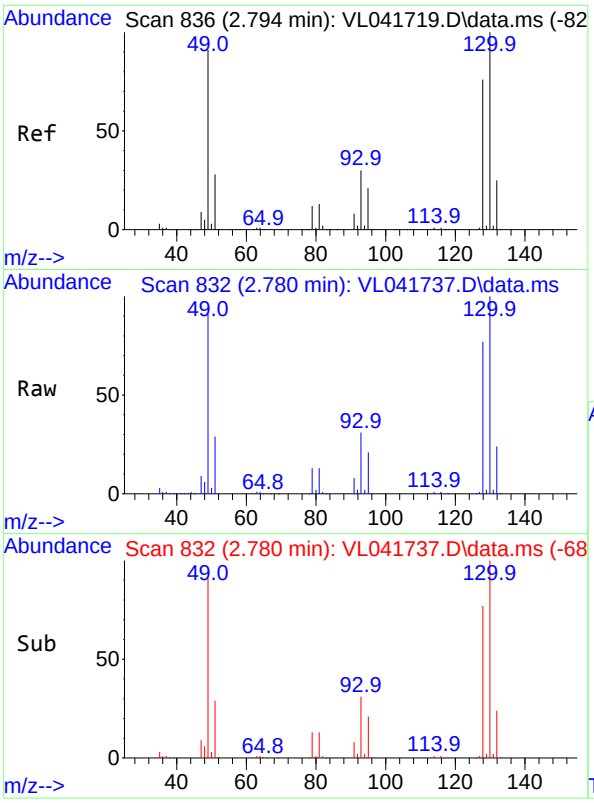


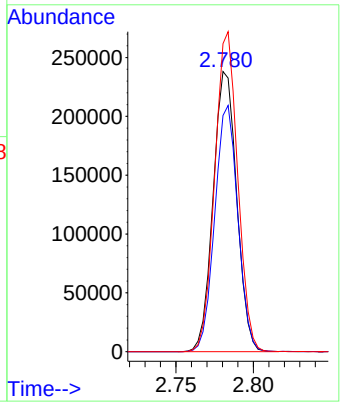


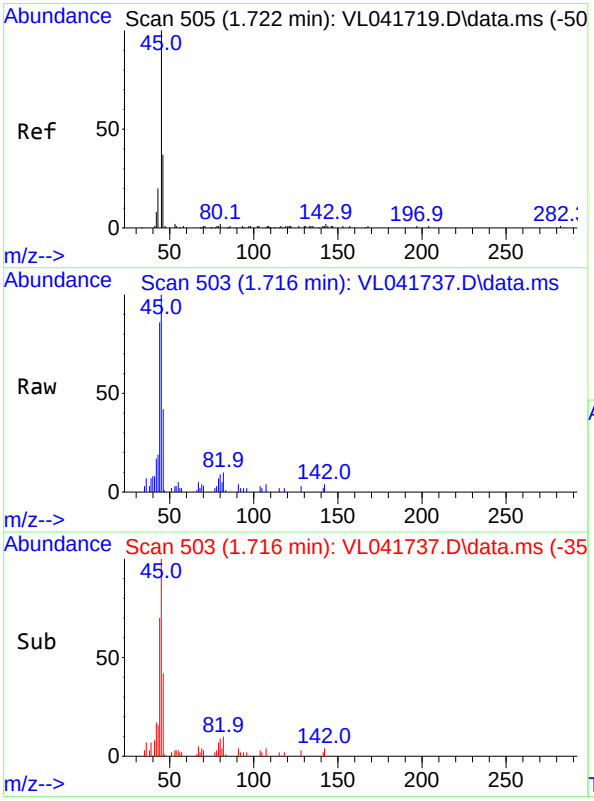
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.780 min Scan# 8
Delta R.T. -0.014 min
Lab File: VL041737.D
Acq: 12 Dec 2024 00:13

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 49 Resp: 252039

Ion	Ratio	Lower	Upper
49	100		
128	86.0	42.8	128.3
130	111.3	55.8	167.4

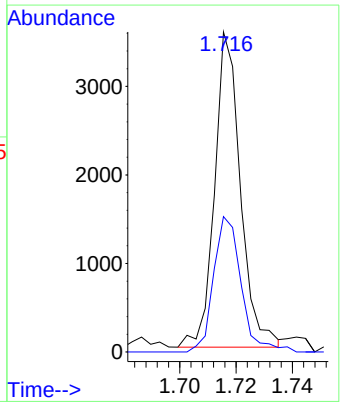


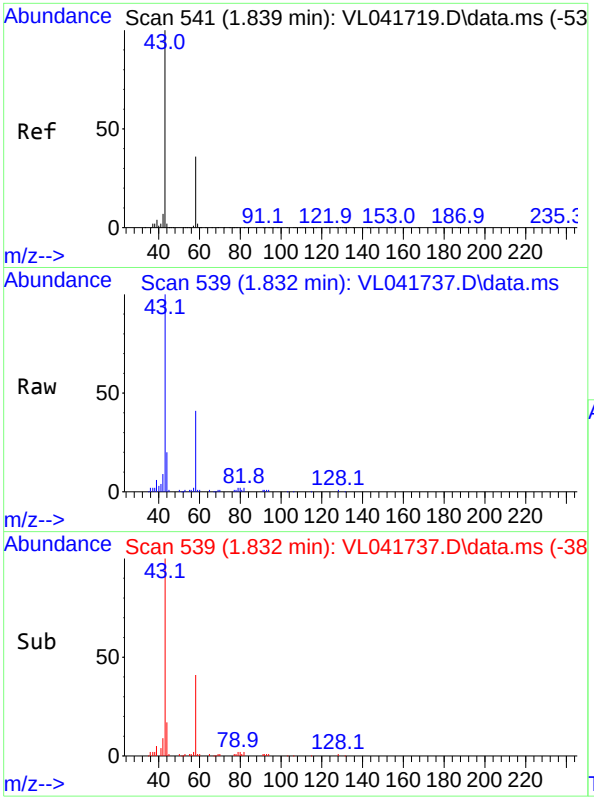


#13
Ethanol
Concen: 1.875 ppbv
RT: 1.716 min Scan# 503
Delta R.T. -0.007 min
Lab File: VL041737.D
Acq: 12 Dec 2024 00:13

Tgt Ion: 45 Resp: 2269

Ion	Ratio	Lower	Upper
45	100		
46	0.0	16.6	66.6#



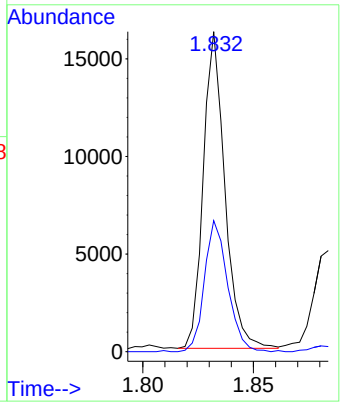


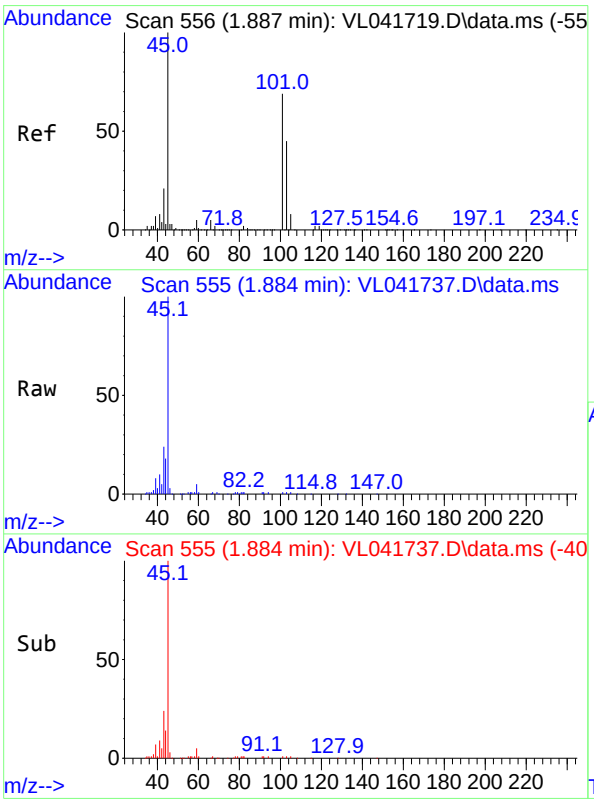
#15
Acetone
Concen: 0.378 ppbv
RT: 1.832 min Scan# 5
Delta R.T. -0.007 min
Lab File: VL041737.D
Acq: 12 Dec 2024 00:13

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 43 Resp: 10990

Ion	Ratio	Lower	Upper
43	100		
58	44.5	28.9	43.3#

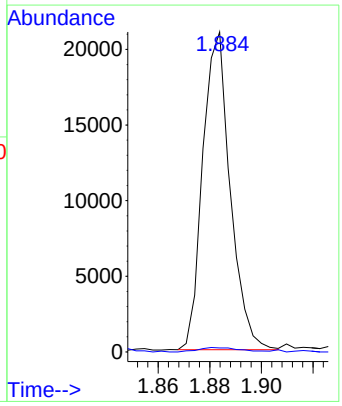


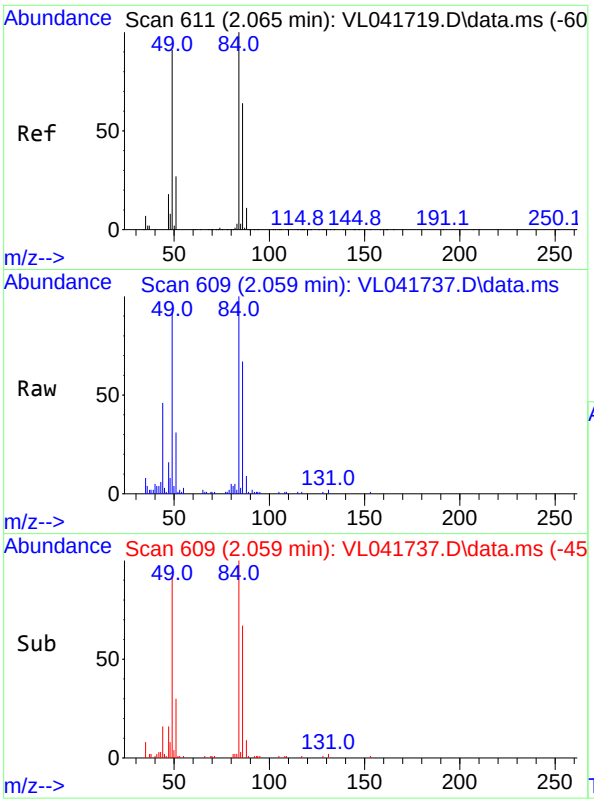


#19
Isopropyl Alcohol
Concen: 0.562 ppbv
RT: 1.884 min Scan# 555
Delta R.T. -0.003 min
Lab File: VL041737.D
Acq: 12 Dec 2024 00:13

Tgt Ion: 45 Resp: 15544

Ion	Ratio	Lower	Upper
45	100		
58	2.6	40.6	61.0#



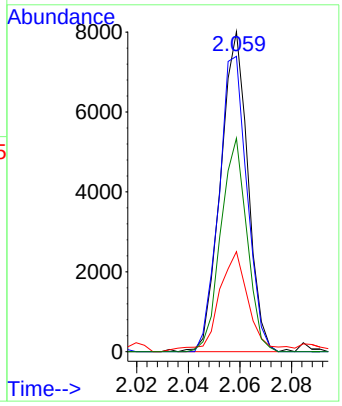


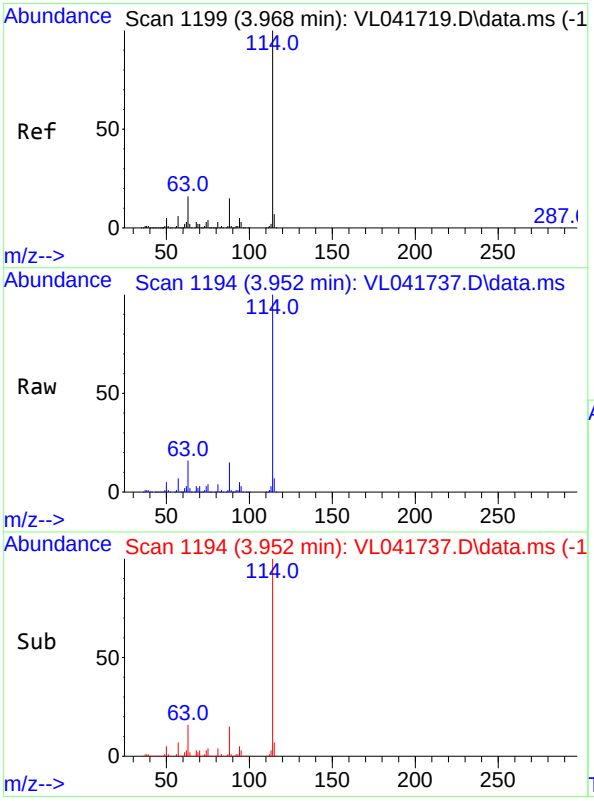
#20
Methylene Chloride
Concen: 0.333 ppbv
RT: 2.059 min Scan# 6
Delta R.T. -0.007 min
Lab File: VL041737.D
Acq: 12 Dec 2024 00:13

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 84 Resp: 5877

Ion	Ratio	Lower	Upper
84	100		
49	92.3	73.6	110.4
51	30.1	22.7	34.1
86	66.7	51.4	77.0

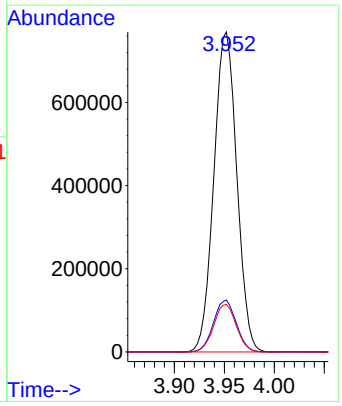


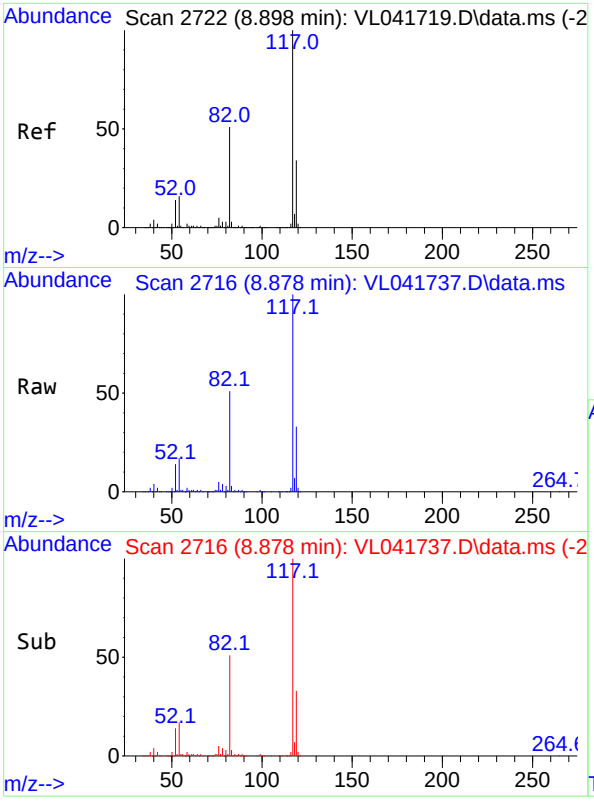


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.952 min Scan# 1194
Delta R.T. -0.016 min
Lab File: VL041737.D
Acq: 12 Dec 2024 00:13

Tgt Ion:114 Resp: 1228233

Ion	Ratio	Lower	Upper
114	100		
63	16.1	12.9	19.3
88	14.7	11.8	17.6



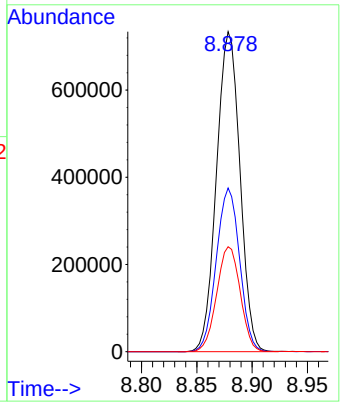


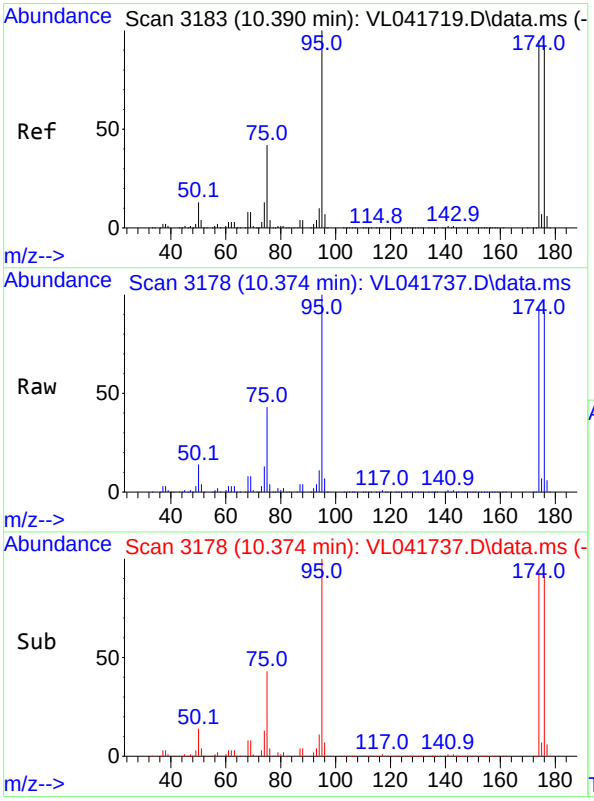
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.878 min Scan# 2
Delta R.T. -0.020 min
Lab File: VL041737.D
Acq: 12 Dec 2024 00:13

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 1082749

Ion	Ratio	Lower	Upper
117	100		
82	51.0	41.3	61.9
119	33.0	25.8	38.8





#68
1-Bromo-4-Fluorobenzene
Concen: 9.994 ppbv
RT: 10.374 min Scan# 3178
Delta R.T. -0.016 min
Lab File: VL041737.D
Acq: 12 Dec 2024 00:13

Tgt Ion: 95 Resp: 711354

Ion	Ratio	Lower	Upper
95	100		
174	95.3	76.7	115.1
175	6.8	5.4	8.2