Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021523\
Data File : VL040176.D
Acq On : 15 Feb 2023 15:11
Operator : SY/MD
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Feb 16 05:16:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Feb 15 17:01:01 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.189	49	978696	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2563163	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2259997	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	1834975	9.874	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.700%			
Target Compounds						Qvalue
9) Propene	2.694	41	3728	0.078	ppbv	89
13) Ethanol	3.237	45	105	0.024	ppbv #	41
20) Methylene Chloride	3.925	84	9196	0.150	ppbv	93
39) 1,2-Dichloropropane	6.652	63	640096	8.249	ppbv #	26
80) Naphthalene,2-methyl-	24.387	142	2187	0.052	ppbv #	1

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

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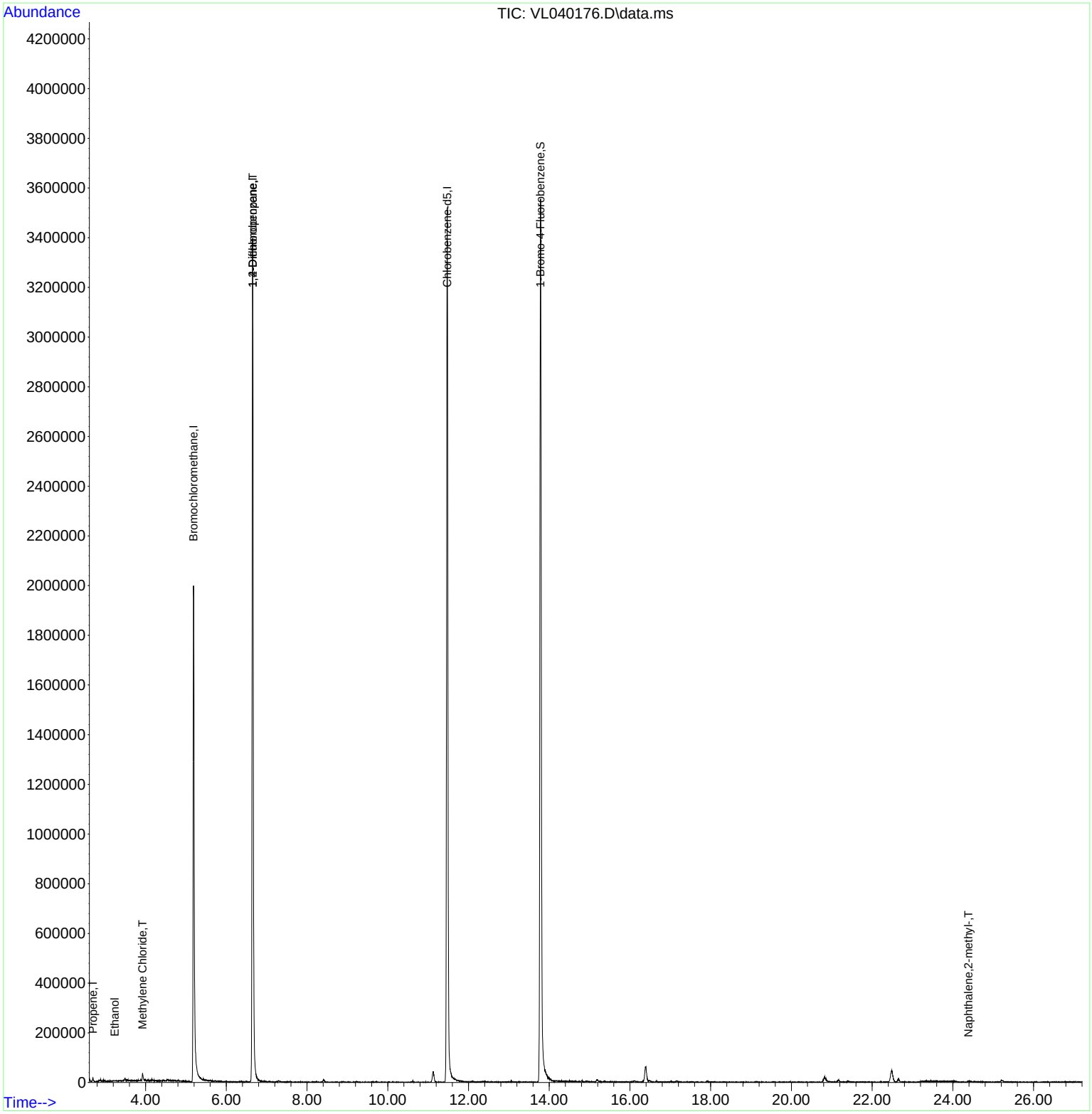
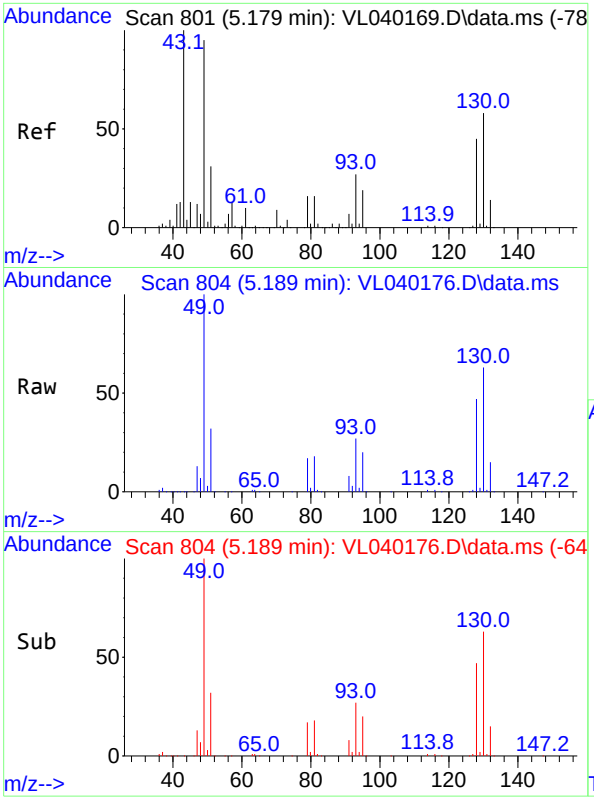
QLast Update : Wed Feb 15 17:01:01 2023
Response via : Initial Calibration



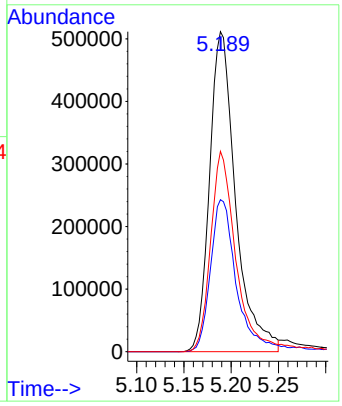


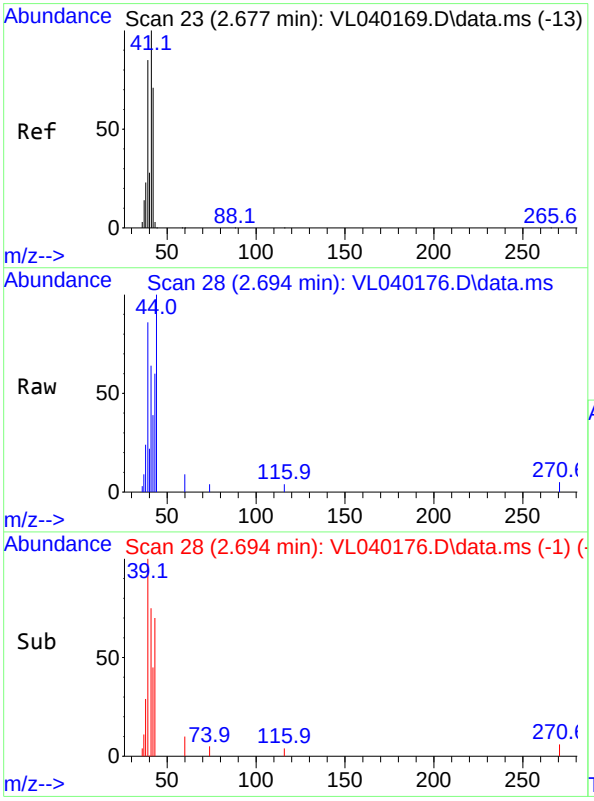
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 8
Delta R.T. 0.010 min
Lab File: VL040176.D
Acq: 15 Feb 2023 15:11

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 49 Resp: 978696

Ion	Ratio	Lower	Upper
49	100		
128	49.7	24.1	72.3
130	63.3	30.9	92.8

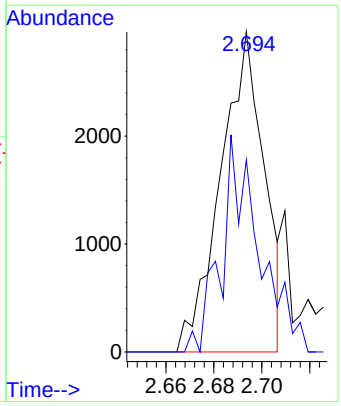


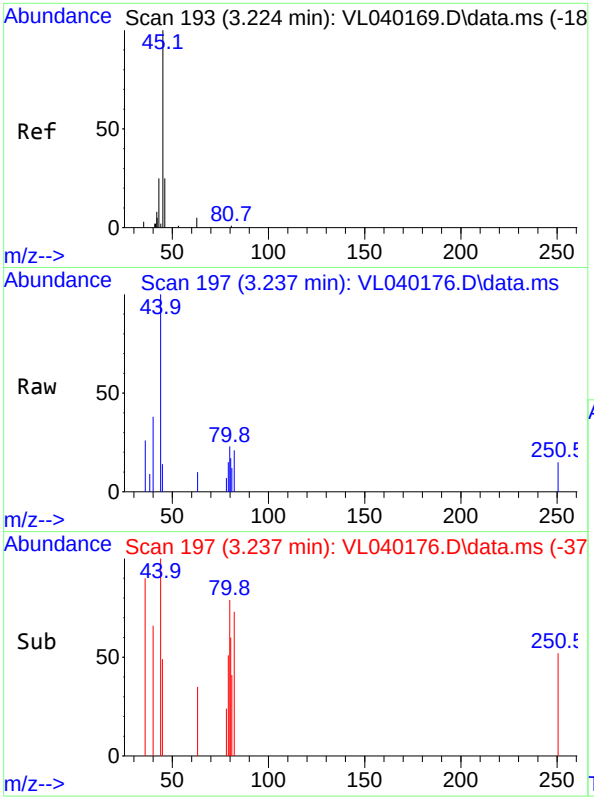


#9
Propene
Concen: 0.078 ppbv
RT: 2.694 min Scan# 28
Delta R.T. 0.016 min
Lab File: VL040176.D
Acq: 15 Feb 2023 15:11

Tgt Ion: 41 Resp: 3728

Ion	Ratio	Lower	Upper
41	100		
42	61.8	56.9	85.3



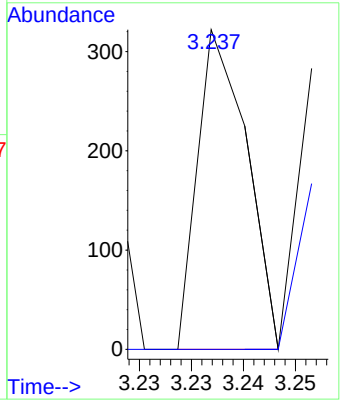


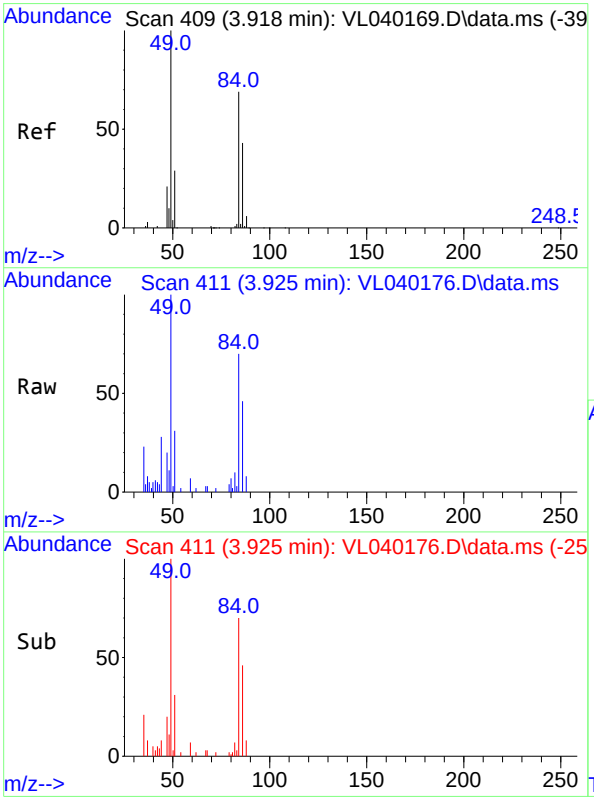
#13
Ethanol
Concen: 0.024 ppbv
RT: 3.237 min Scan# 1
Delta R.T. 0.013 min
Lab File: VL040176.D
Acq: 15 Feb 2023 15:11

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 45 Resp: 105

Ion	Ratio	Lower	Upper
45	100		
46	0.0	13.3	53.1#

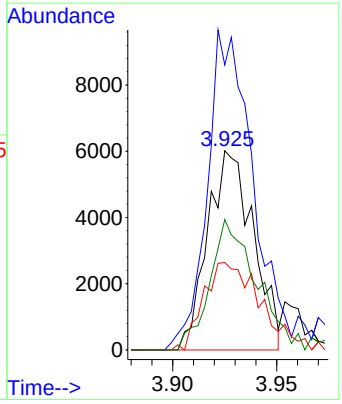


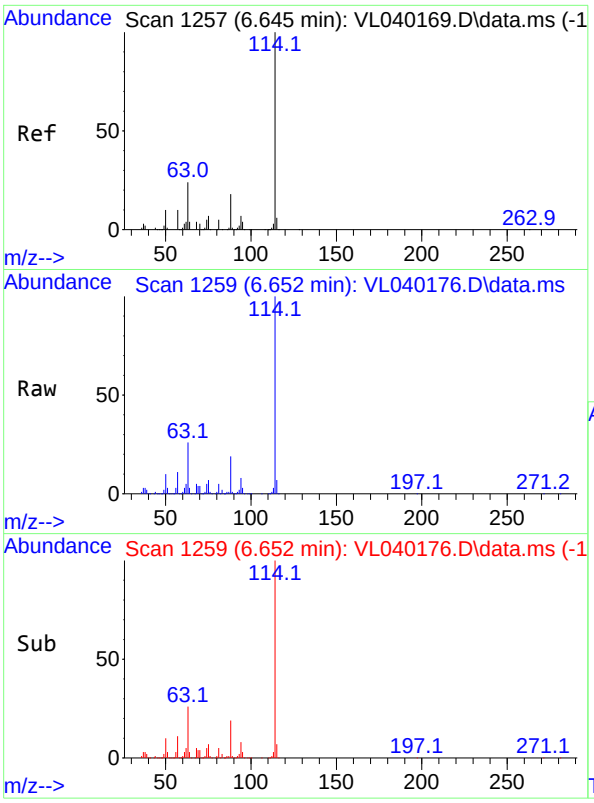


#20
Methylene Chloride
Concen: 0.150 ppbv
RT: 3.925 min Scan# 411
Delta R.T. 0.006 min
Lab File: VL040176.D
Acq: 15 Feb 2023 15:11

Tgt Ion: 84 Resp: 9196

Ion	Ratio	Lower	Upper
84	100		
49	130.9	115.5	173.3
51	41.4	33.1	49.7
86	65.5	50.2	75.2



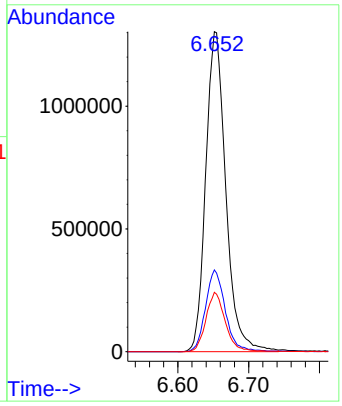


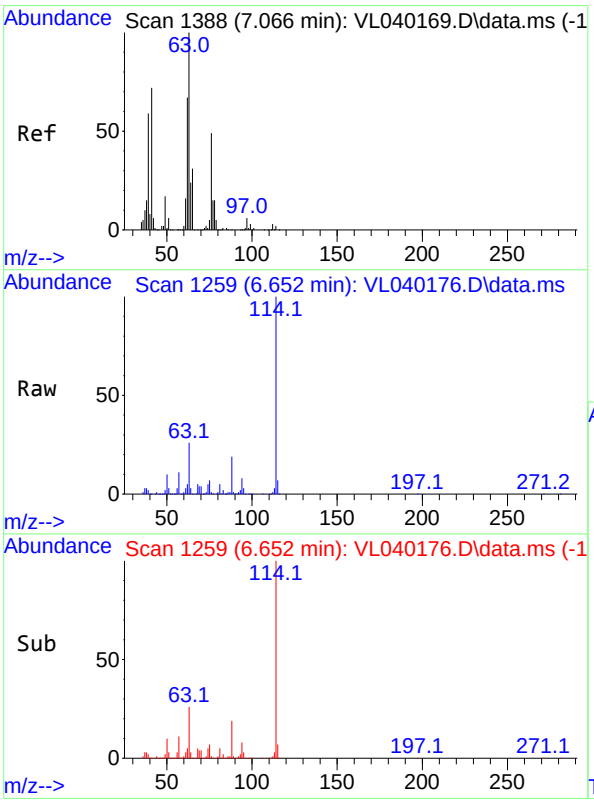
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.652 min Scan# 1
Delta R.T. 0.006 min
Lab File: VL040176.D
Acq: 15 Feb 2023 15:11

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:114 Resp: 2563163

Ion	Ratio	Lower	Upper
114	100		
63	25.4	20.4	30.6
88	18.0	14.3	21.5

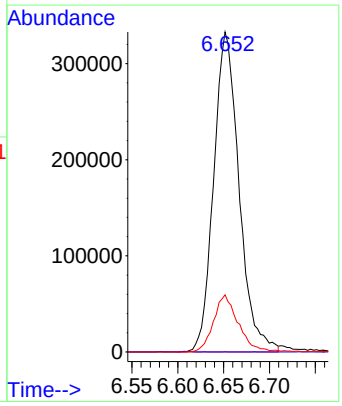


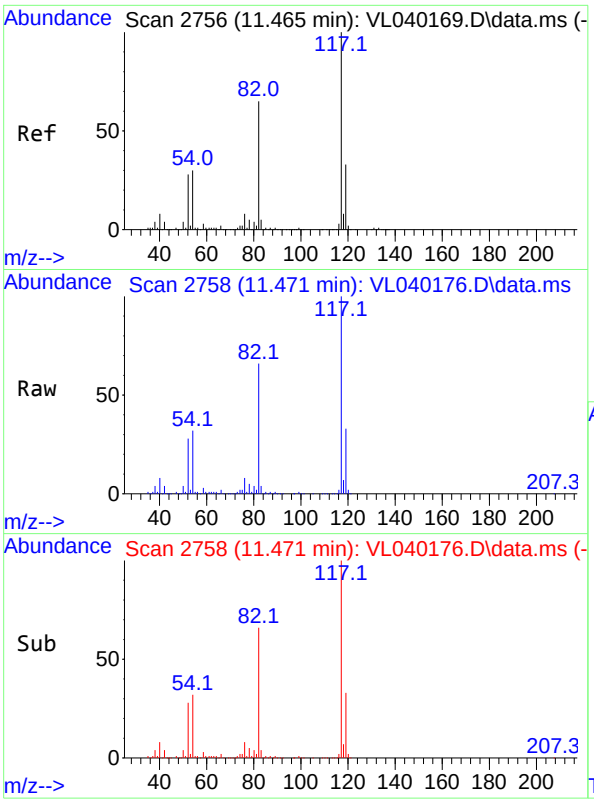


#39
1,2-Dichloropropane
Concen: 8.249 ppbv
RT: 6.652 min Scan# 1259
Delta R.T. -0.415 min
Lab File: VL040176.D
Acq: 15 Feb 2023 15:11

Tgt Ion: 63 Resp: 640096

Ion	Ratio	Lower	Upper
63	100		
41	0.0	57.6	86.4#
62	17.9	54.0	81.0#



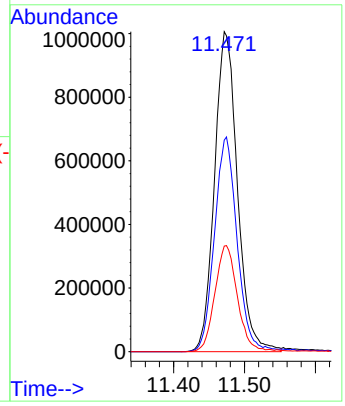


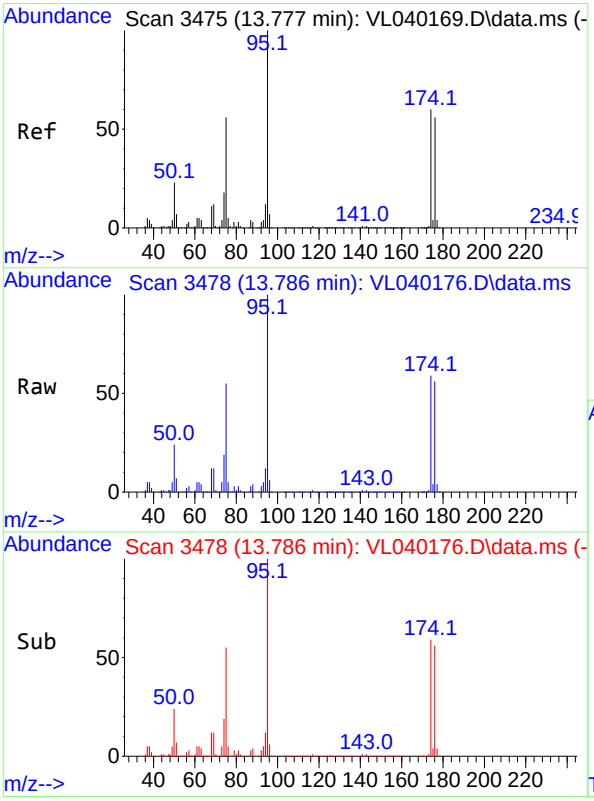
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 2
Delta R.T. 0.006 min
Lab File: VL040176.D
Acq: 15 Feb 2023 15:11

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 2259997

Ion	Ratio	Lower	Upper
117	100		
82	67.5	53.3	79.9
119	33.2	24.6	37.0

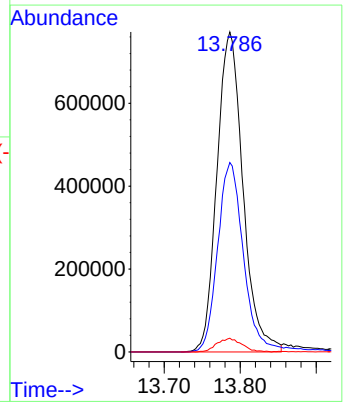


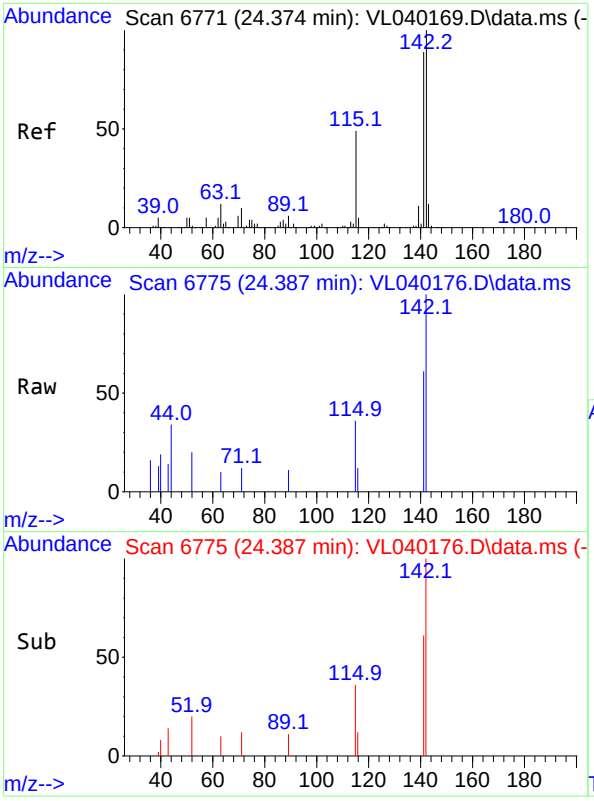


#68
1-Bromo-4-Fluorobenzene
Concen: 9.874 ppbv
RT: 13.786 min Scan# 3478
Delta R.T. 0.010 min
Lab File: VL040176.D
Acq: 15 Feb 2023 15:11

Tgt Ion: 95 Resp: 1834975

Ion	Ratio	Lower	Upper
95	100		
174	60.3	48.2	72.2
175	4.2	3.4	5.2





#80
Naphthalene,2-methyl-
Concen: 0.052 ppbv
RT: 24.387 min Scan# 6
Delta R.T. 0.013 min
Lab File: VL040176.D
Acq: 15 Feb 2023 15:11

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:142 Resp: 2187

Ion	Ratio	Lower	Upper
142	100		
141	281.8	67.3	100.9#
115	0.0	36.5	54.7#