Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070124\
Data File : VL041376.D
Acq On : 1 Jul 2024 20:33
Operator : SY/MD
Sample : CAN 10609
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Jul 01 23:34:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Mon Jul 01 23:27:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.211	49	958380	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2539509	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2210146	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1648196	9.950	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.500%			
Target Compounds						Qvalue
9) Propene	2.745	41	3910	0.068	ppbv	87
20) Methylene Chloride	3.963	84	7968	0.173	ppbv #	82
26) Hexane	5.230	57	3778	0.037	ppbv #	35
39) 1,2-Dichloropropane	6.661	63	637038	7.843	ppbv #	22
80) Naphthalene,2-methyl-	24.628	142	78	0.199	ppbv #	83

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

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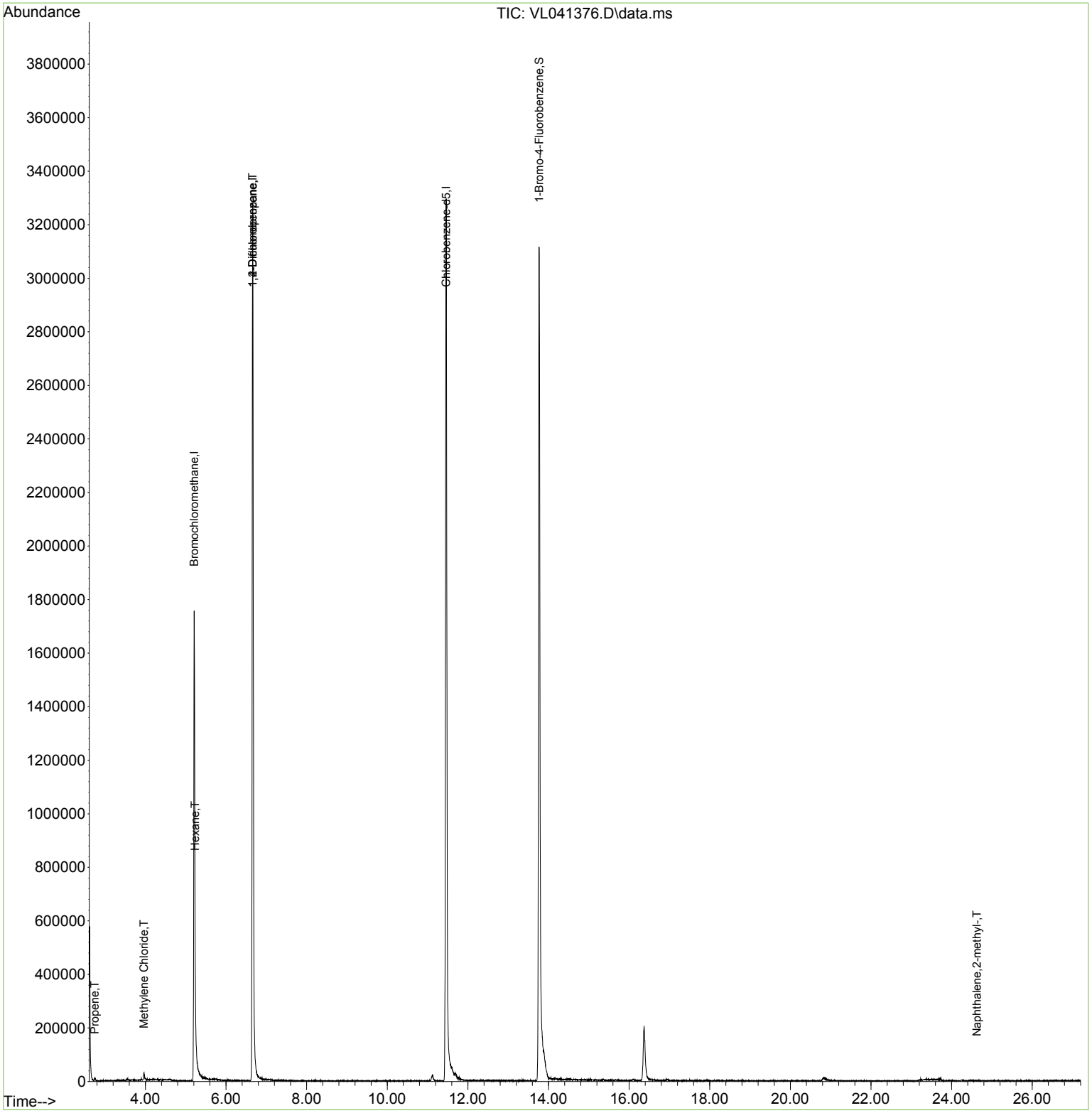
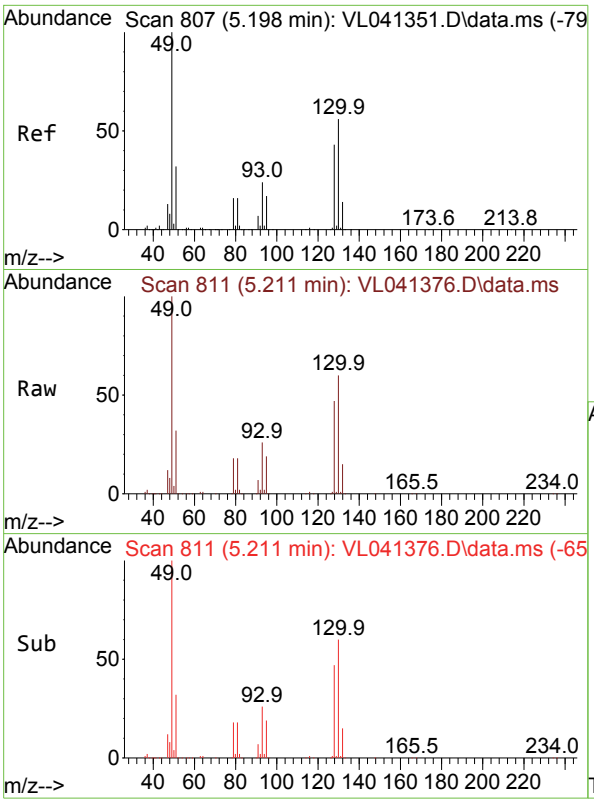


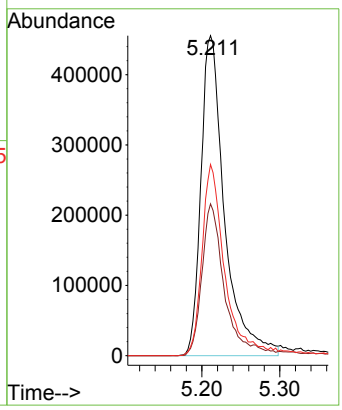


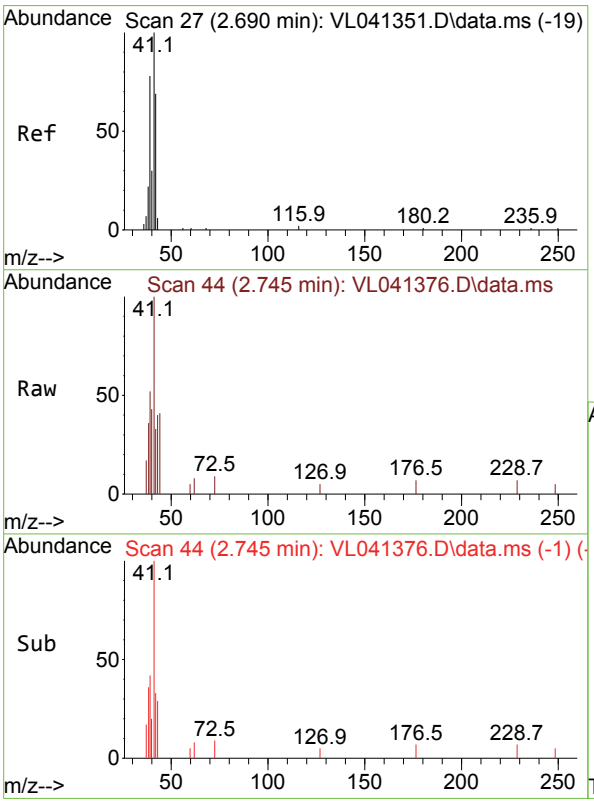
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 8
Delta R.T. -0.007 min
Lab File: VL041376.D
Acq: 1 Jul 2024 20:33

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 958380

Ion	Ratio	Lower	Upper
49	100		
128	47.6	22.8	68.3
130	60.6	28.9	86.7

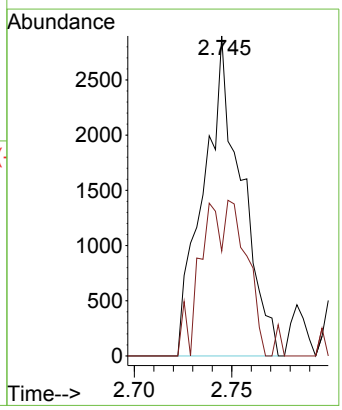


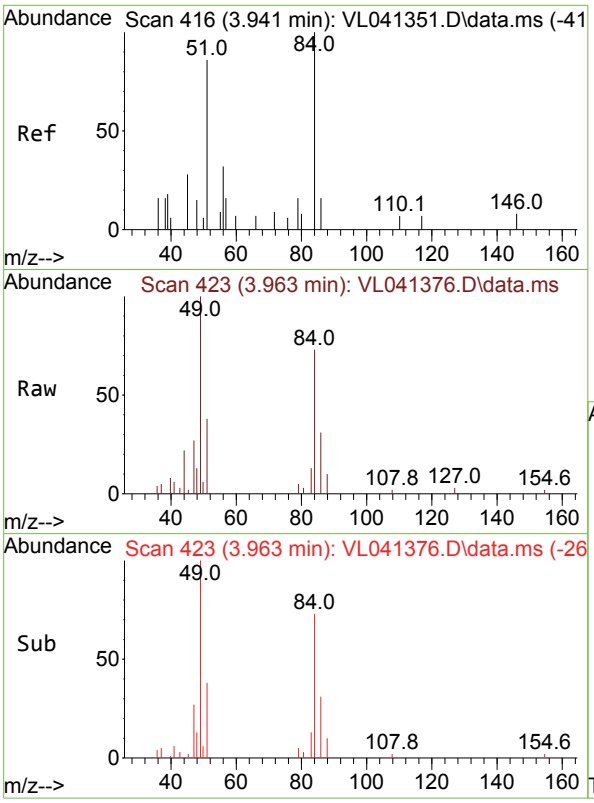


#9
Propene
Concen: 0.068 ppbv
RT: 2.745 min Scan# 44
Delta R.T. 0.010 min
Lab File: VL041376.D
Acq: 1 Jul 2024 20:33

Tgt Ion: 41 Resp: 3910

Ion	Ratio	Lower	Upper
41	100		
42	58.8	55.8	83.8



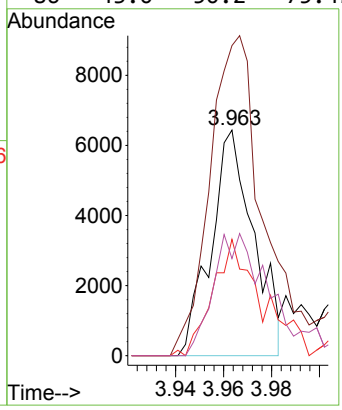


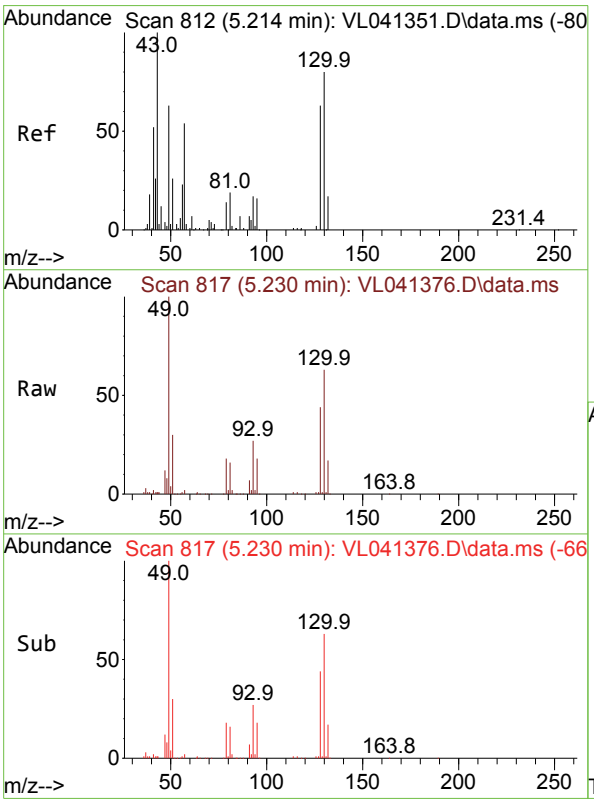
#20
Methylene Chloride
Concen: 0.173 ppbv
RT: 3.963 min Scan# 4
Delta R.T. -0.000 min
Lab File: VL041376.D
Acq: 1 Jul 2024 20:33

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 7968

Ion	Ratio	Lower	Upper
84	100		
49	138.4	131.8	197.6
51	49.1	39.6	59.4
86	43.0	50.2	75.4#

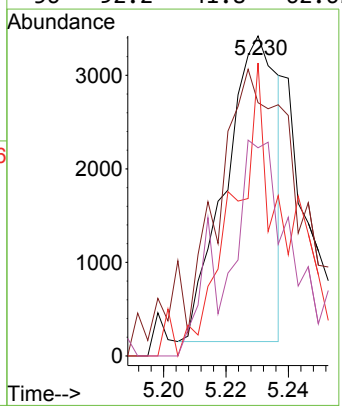


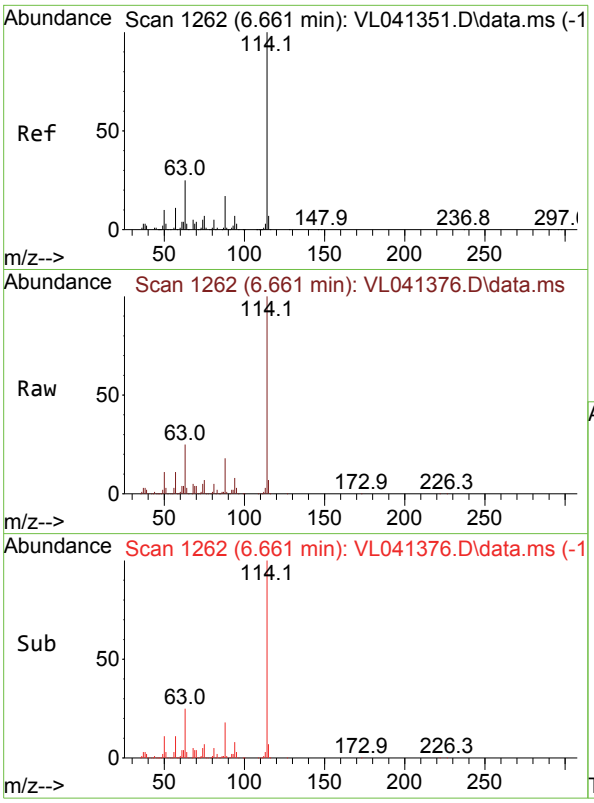


#26
Hexane
Concen: 0.037 ppbv
RT: 5.230 min Scan# 817
Delta R.T. -0.003 min
Lab File: VL041376.D
Acq: 1 Jul 2024 20:33

Tgt Ion: 57 Resp: 3778

Ion	Ratio	Lower	Upper
57	100		
41	166.3	73.7	110.5#
43	127.3	182.2	273.2#
56	92.2	41.8	62.6#



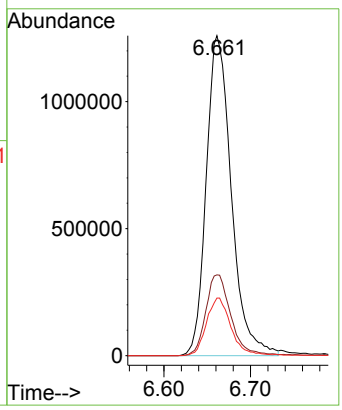


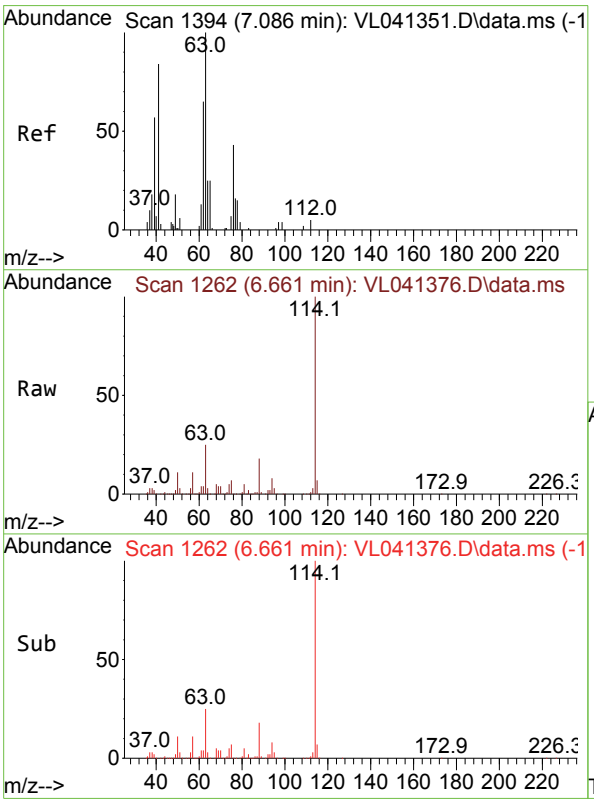
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.661 min Scan# 1
Delta R.T. -0.010 min
Lab File: VL041376.D
Acq: 1 Jul 2024 20:33

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 2539509

Ion	Ratio	Lower	Upper
114	100		
63	25.6	20.6	31.0
88	17.9	14.6	21.8

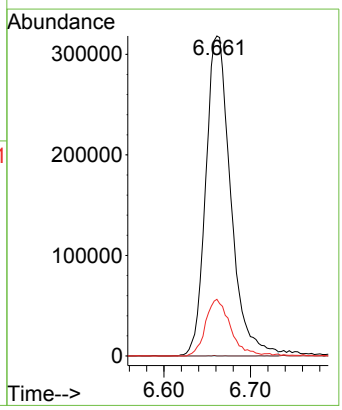


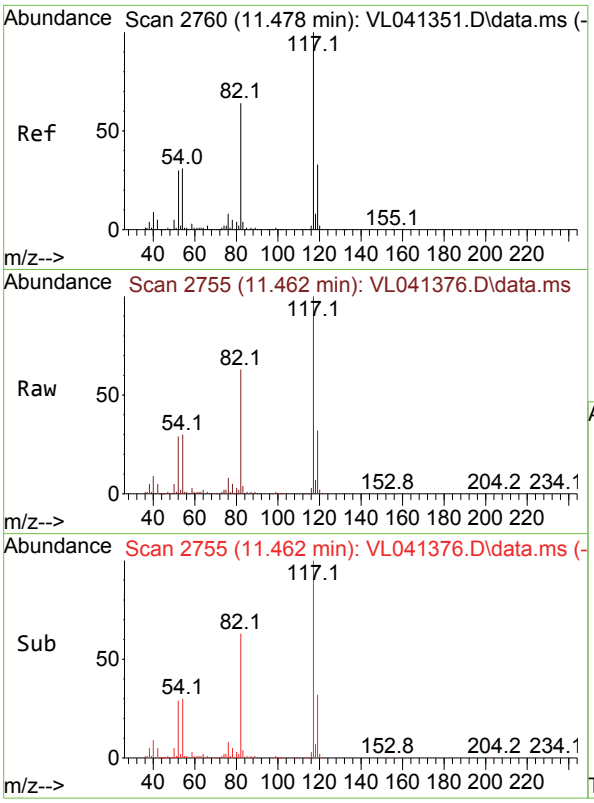


#39
1,2-Dichloropropane
Concen: 7.843 ppbv
RT: 6.661 min Scan# 1262
Delta R.T. -0.428 min
Lab File: VL041376.D
Acq: 1 Jul 2024 20:33

Tgt Ion: 63 Resp: 637038

Ion	Ratio	Lower	Upper
63	100		
41	0.0	64.0	96.0#
62	17.7	55.2	82.8#



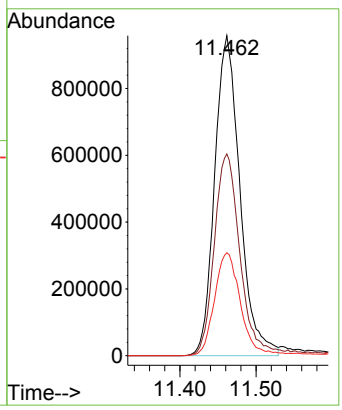


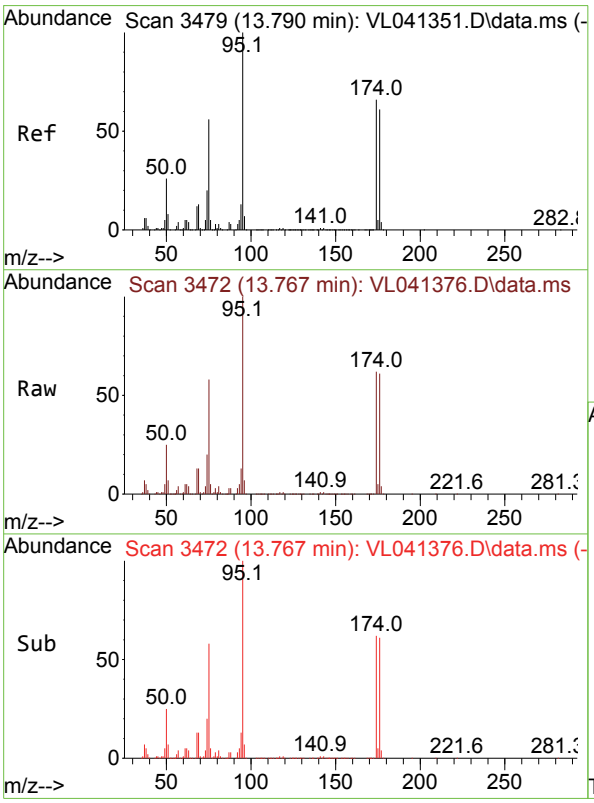
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 2
Delta R.T. -0.010 min
Lab File: VL041376.D
Acq: 1 Jul 2024 20:33

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2210146

Ion	Ratio	Lower	Upper
117	100		
82	65.3	50.6	75.8
119	33.8	24.7	37.1

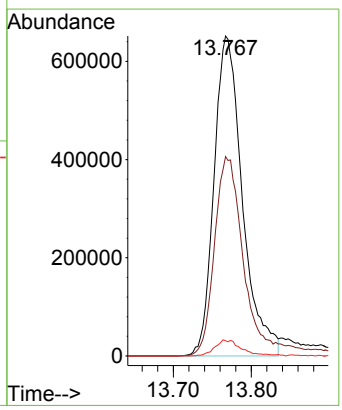


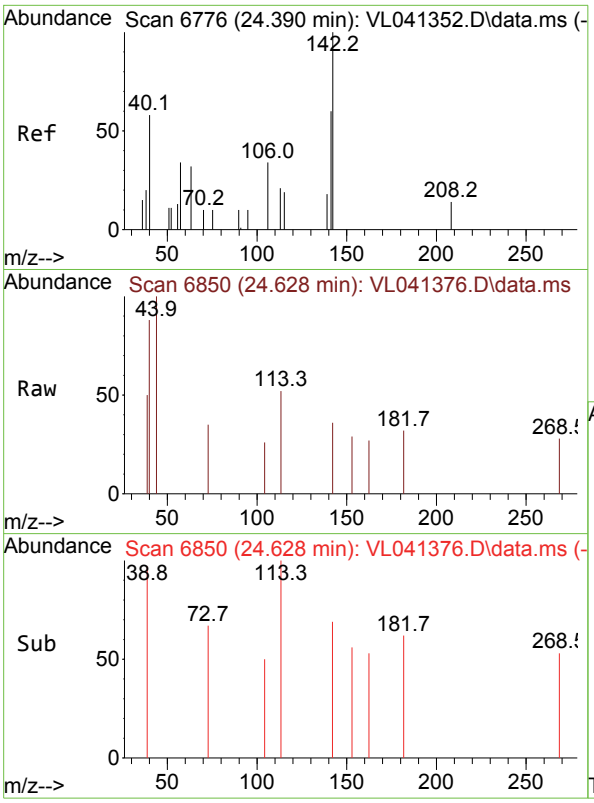


#68
1-Bromo-4-Fluorobenzene
Concen: 9.950 ppbv
RT: 13.767 min Scan# 3472
Delta R.T. -0.010 min
Lab File: VL041376.D
Acq: 1 Jul 2024 20:33

Tgt Ion: 95 Resp: 1648196

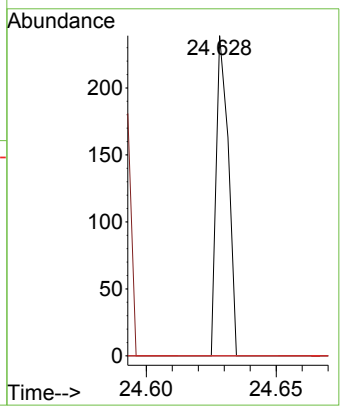
Ion	Ratio	Lower	Upper
95	100		
174	68.0	53.1	79.7
175	4.9	4.0	6.0





#80
Naphthalene,2-methyl-
Concen: 0.199 ppbv
RT: 24.628 min Scan# 6
Delta R.T. 0.257 min
Lab File: VL041376.D
Acq: 1 Jul 2024 20:33

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:142 Resp: 78

Ion	Ratio	Lower	Upper
142	100		
141	44.9	37.9	56.9
115	39.7	11.0	16.4#