

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051623\
 Data File : VL040446.D
 Acq On : 16 May 2023 20:30
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: May 17 05:17:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed May 17 05:12:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

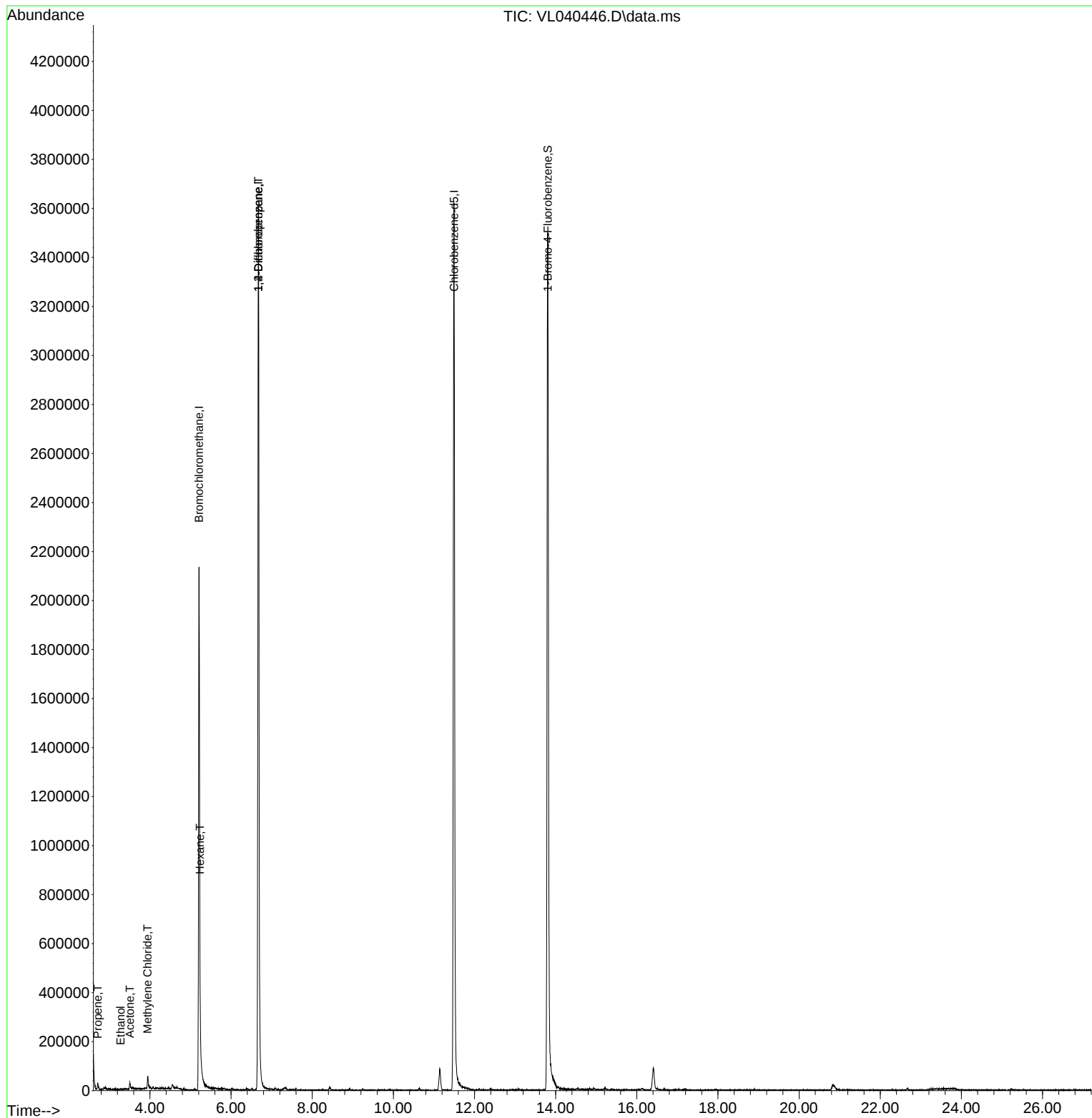
Internal Standards						
1) Bromochloromethane	5.211	49	1072482	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.674	114	2871969	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.494	117	2475160	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.806	95	1856544	9.328	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.300%
Target Compounds						
					Qvalue	
9) Propene	2.713	41	6404	0.119	ppbv	95
13) Ethanol	3.275	45	928	0.227	ppbv #	42
15) Acetone	3.504	43	23117	0.170	ppbv #	85
20) Methylene Chloride	3.941	84	5831	0.096	ppbv #	89
26) Hexane	5.230	57	5075	0.048	ppbv #	43
39) 1,2-Dichloropropane	6.674	63	699014	7.650	ppbv #	22

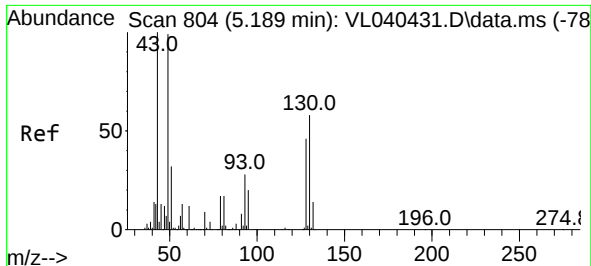
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051623\
Data File : VL040446.D
Acq On : 16 May 2023 20:30
Operator : SY/MD
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: May 17 05:17:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051623AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Wed May 17 05:12:40 2023
Response via : Initial Calibration

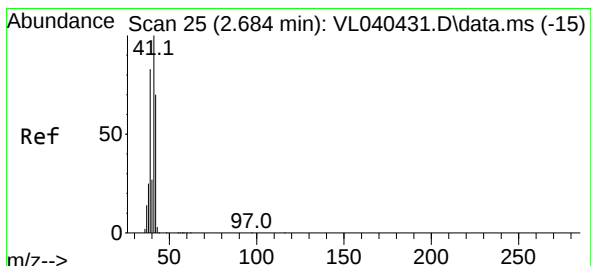
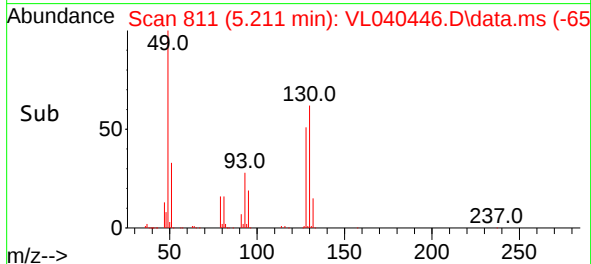
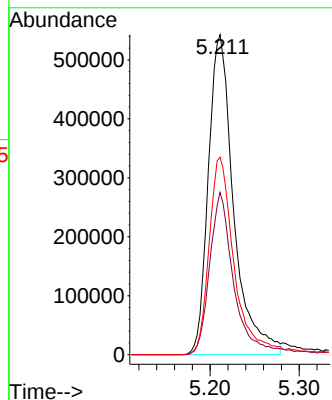
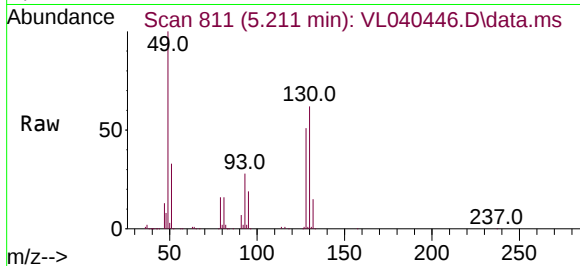




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 81
Delta R.T. 0.006 min
Lab File: VL040446.D
Acq: 16 May 2023 20:30

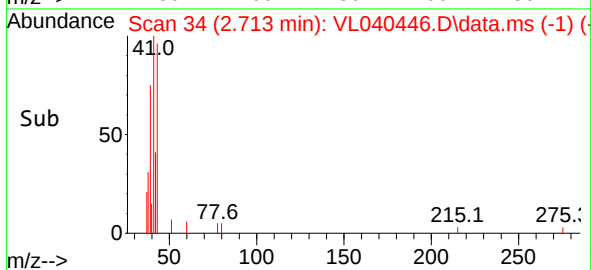
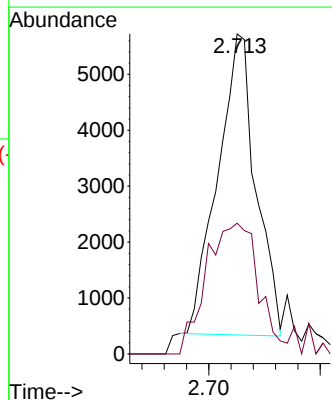
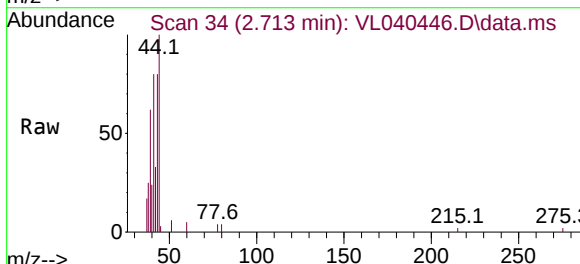
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

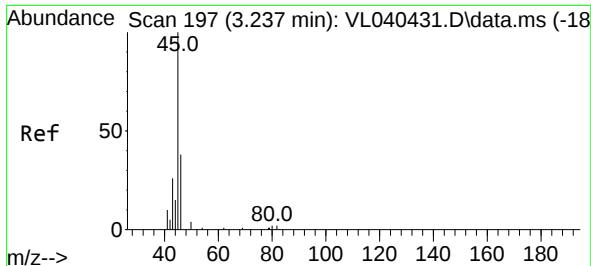
Tgt Ion: 49 Resp: 1072482
Ion Ratio Lower Upper
49 100
128 49.9 24.3 72.8
130 64.0 30.2 90.6



#9
Propene
Concen: 0.119 ppbv
RT: 2.713 min Scan# 34
Delta R.T. 0.019 min
Lab File: VL040446.D
Acq: 16 May 2023 20:30

Tgt Ion: 41 Resp: 6404
Ion Ratio Lower Upper
41 100
42 66.8 56.6 84.8

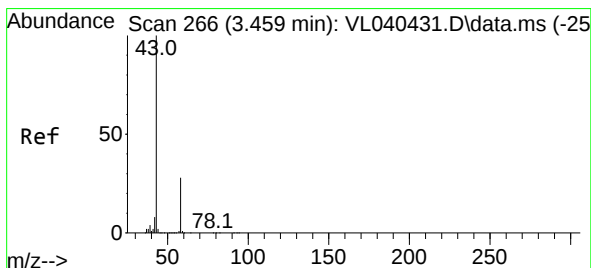
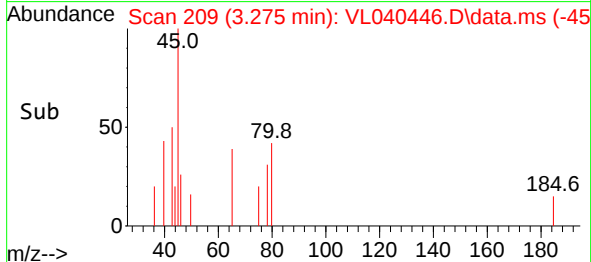
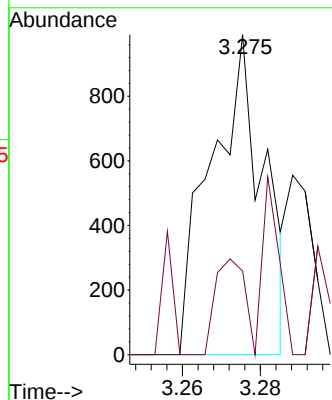
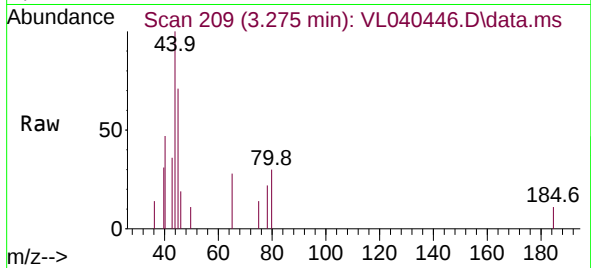




#13
Ethanol
Concen: 0.227 ppbv
RT: 3.275 min Scan# 209
Delta R.T. 0.026 min
Lab File: VL040446.D
Acq: 16 May 2023 20:30

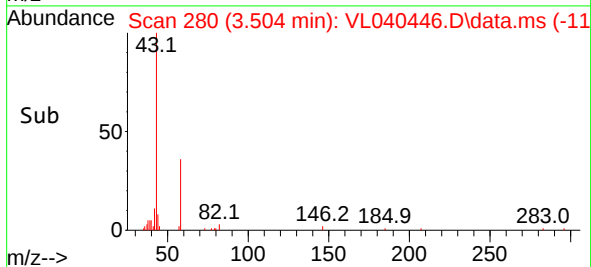
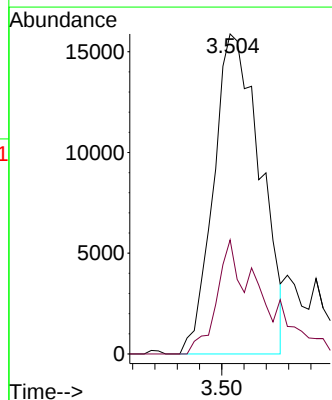
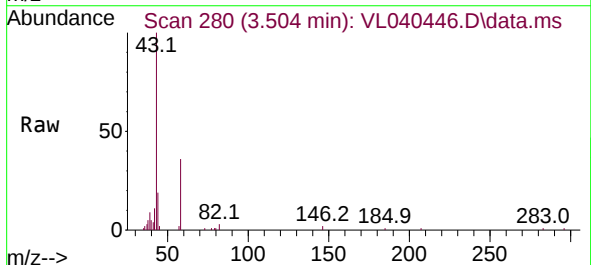
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

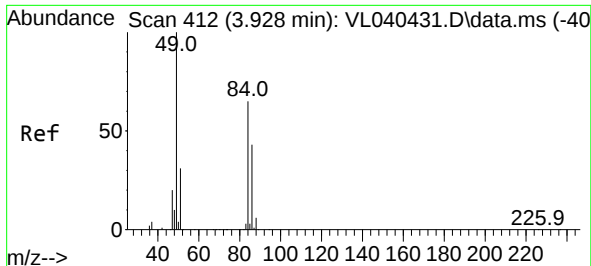
Tgt Ion: 45 Resp: 928
Ion Ratio Lower Upper
45 100
46 0.0 13.2 52.8#



#15
Acetone
Concen: 0.170 ppbv
RT: 3.504 min Scan# 280
Delta R.T. 0.035 min
Lab File: VL040446.D
Acq: 16 May 2023 20:30

Tgt Ion: 43 Resp: 23117
Ion Ratio Lower Upper
43 100
58 35.7 22.2 33.4#



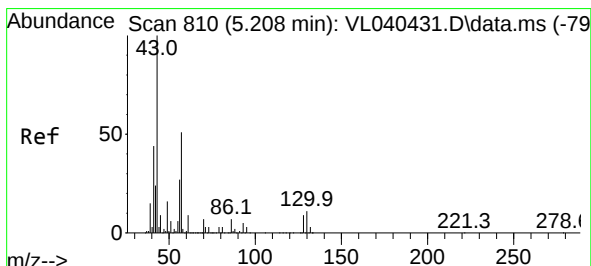
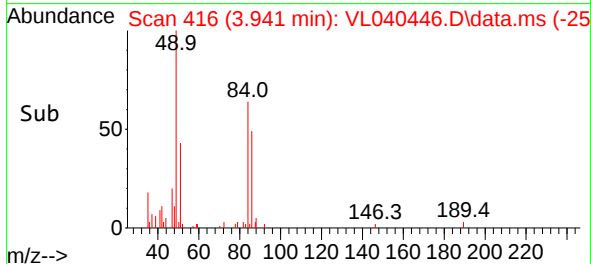
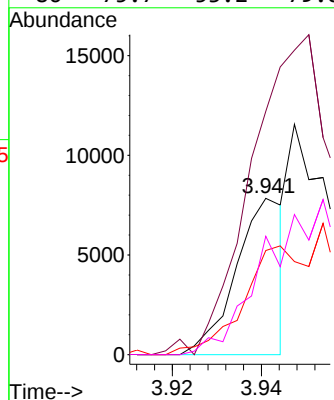
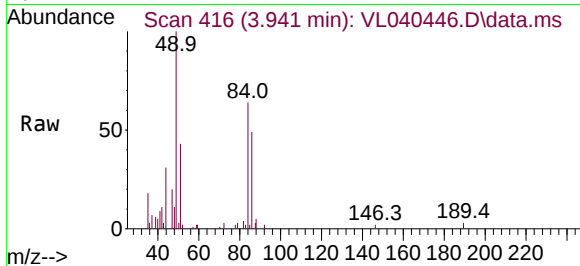


#20
Methylene Chloride
Concen: 0.096 ppbv
RT: 3.941 min Scan# 412
Delta R.T. 0.003 min
Lab File: VL040446.D
Acq: 16 May 2023 20:30

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 84 Resp: 5831

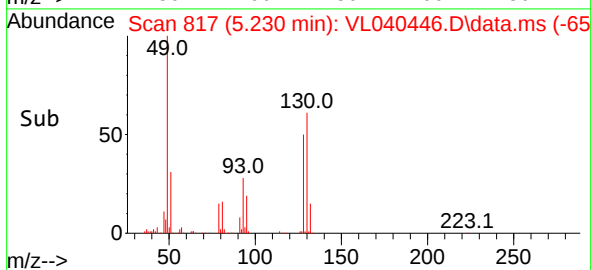
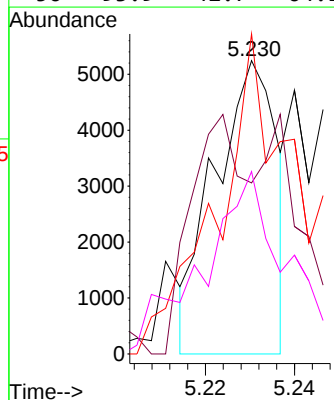
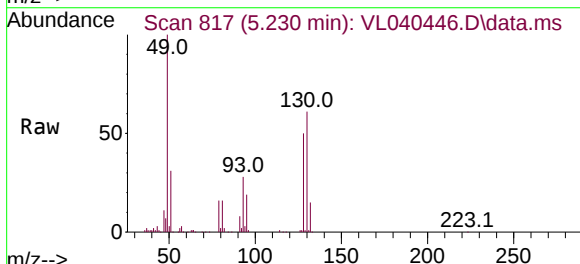
Ion	Ratio	Lower	Upper
84	100		
49	145.7	123.7	185.5
51	62.4	38.6	57.8
86	75.7	53.2	79.8

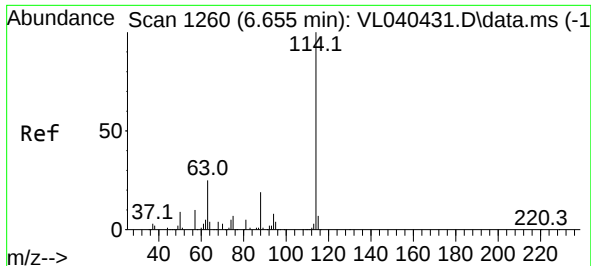


#26
Hexane
Concen: 0.048 ppbv
RT: 5.230 min Scan# 817
Delta R.T. 0.006 min
Lab File: VL040446.D
Acq: 16 May 2023 20:30

Tgt Ion: 57 Resp: 5075

Ion	Ratio	Lower	Upper
57	100		
41	0.0	75.1	112.7
43	170.8	194.4	291.6
56	93.9	42.7	64.1





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.674 min Scan# 1266

Delta R.T. 0.003 min

Lab File: VL040446.D

Acq: 16 May 2023 20:30

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

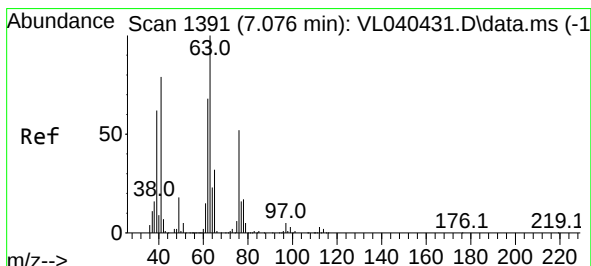
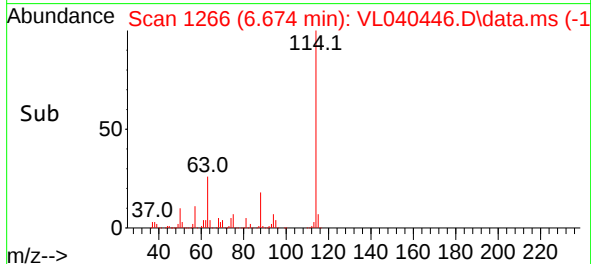
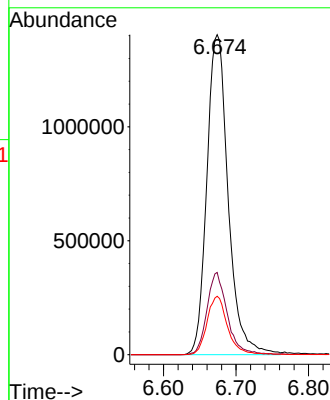
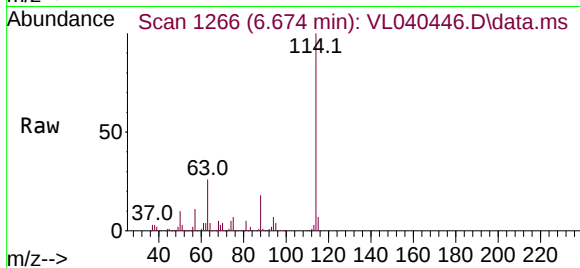
Tgt Ion:114 Resp: 2871969

Ion Ratio Lower Upper

114 100

63 24.6 21.0 31.6

88 17.7 14.6 22.0



#39

1,2-Dichloropropane

Concen: 7.650 ppbv

RT: 6.674 min Scan# 1266

Delta R.T. -0.415 min

Lab File: VL040446.D

Acq: 16 May 2023 20:30

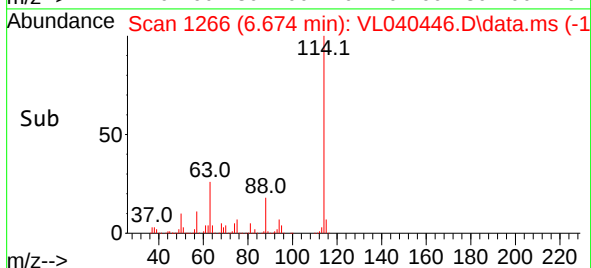
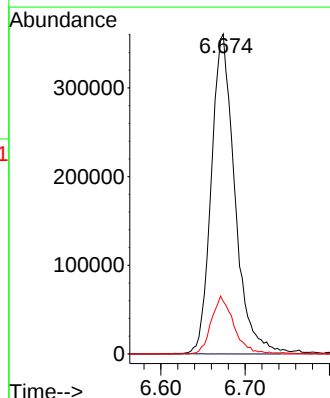
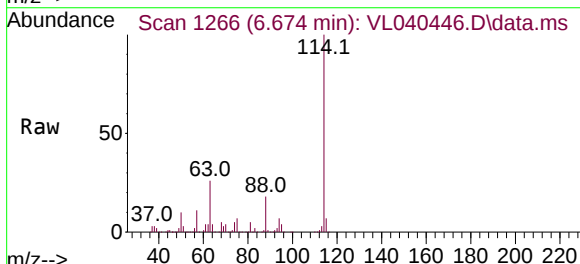
Tgt Ion: 63 Resp: 699014

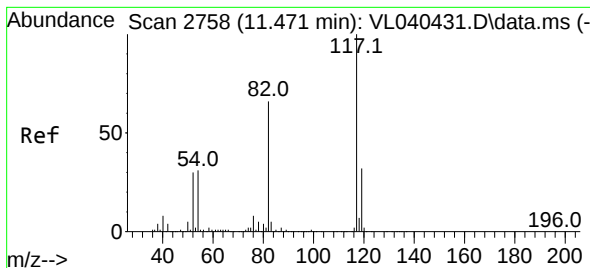
Ion Ratio Lower Upper

63 100

41 0.1 63.3 94.9#

62 16.5 54.2 81.4#

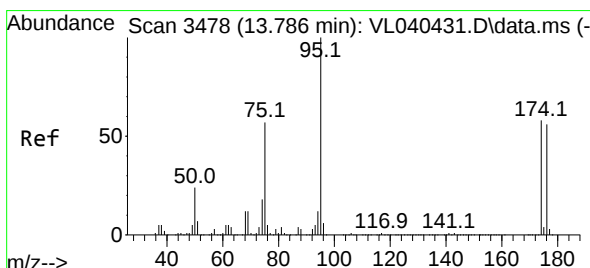
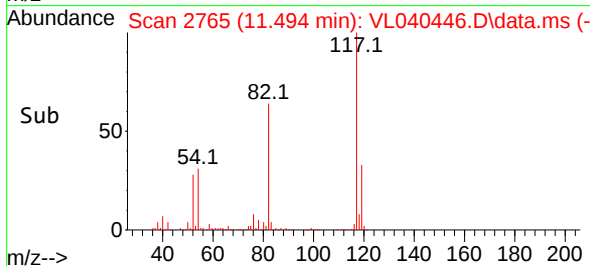
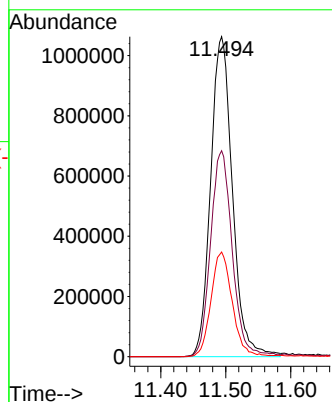
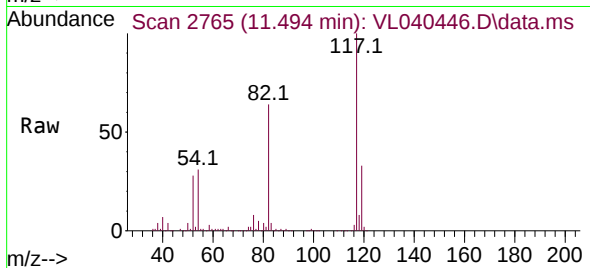




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.494 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040446.D
Acq: 16 May 2023 20:30

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 2475160
Ion Ratio Lower Upper
117 100
82 65.0 52.5 78.7
119 32.4 24.0 36.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.328 ppbv
RT: 13.806 min Scan# 3484
Delta R.T. 0.006 min
Lab File: VL040446.D
Acq: 16 May 2023 20:30

Tgt Ion: 95 Resp: 1856544
Ion Ratio Lower Upper
95 100
174 62.5 47.0 70.6
175 4.6 3.4 5.0

