

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080923\
 Data File : VL040605.D
 Acq On : 9 Aug 2023 14:32
 Operator : SY/MD
 Sample : VL0809ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0809ABL01

Quant Time: Aug 10 01:28:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

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

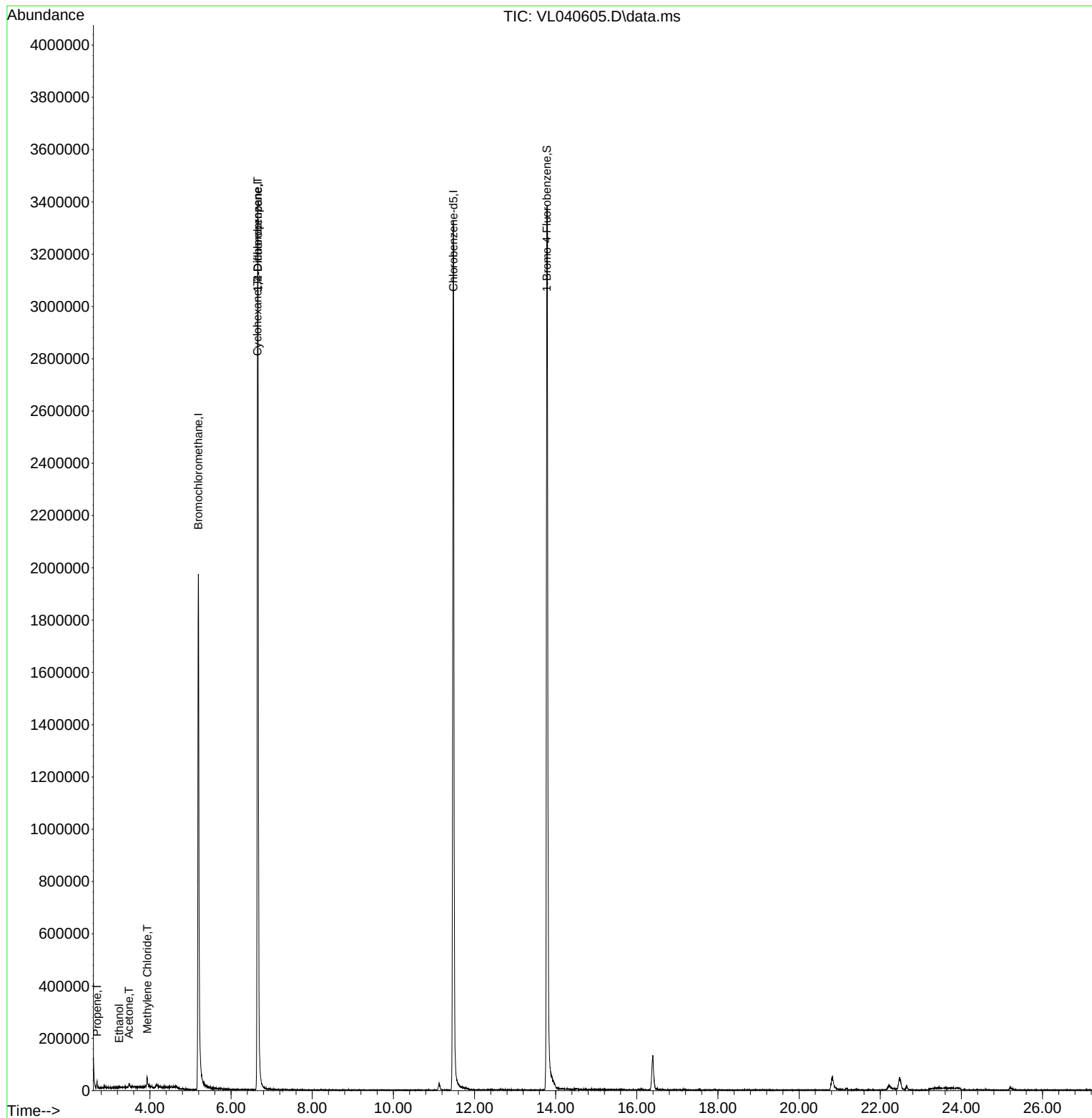
Internal Standards						
1) Bromochloromethane	5.192	49	1013197	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.658	114	2417591	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2011589	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	1669114	10.484	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.800%
Target Compounds						
					Qvalue	
9) Propene	2.697	41	5502	0.100	ppbv	100
13) Ethanol	3.240	45	382	0.032	ppbv #	37
15) Acetone	3.484	43	12679	0.109	ppbv #	80
20) Methylene Chloride	3.934	84	5896	0.119	ppbv #	89
30) Cyclohexane	6.648	84	6105	0.071	ppbv #	1
39) 1,2-Dichloropropane	6.655	63	630672	8.422	ppbv #	26

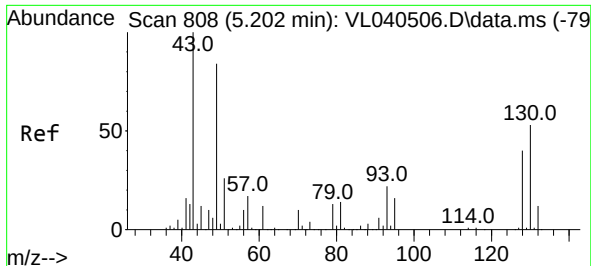
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080923\
Data File : VL040605.D
Acq On : 9 Aug 2023 14:32
Operator : SY/MD
Sample : VL0809ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0809ABL01

Quant Time: Aug 10 01:28:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Mon Jul 10 16:32:00 2023
Response via : Initial Calibration

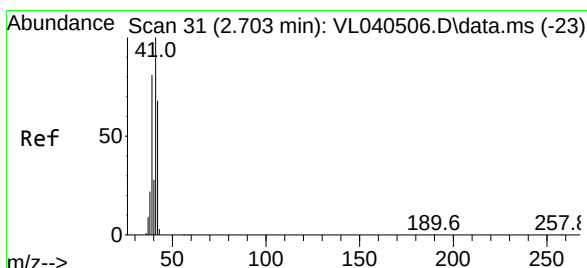
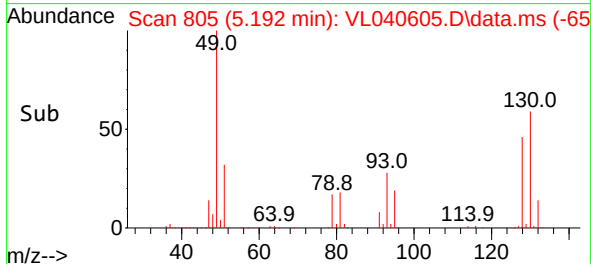
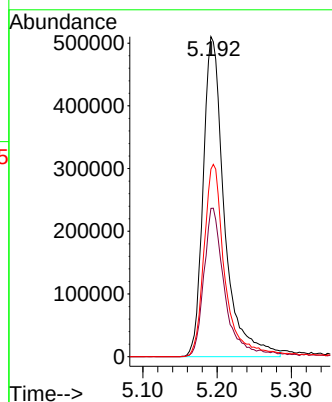
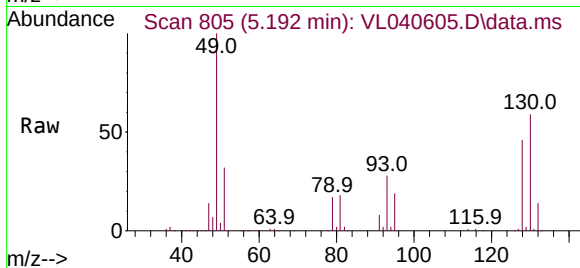




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. -0.010 min
Lab File: VL040605.D
Acq: 9 Aug 2023 14:32

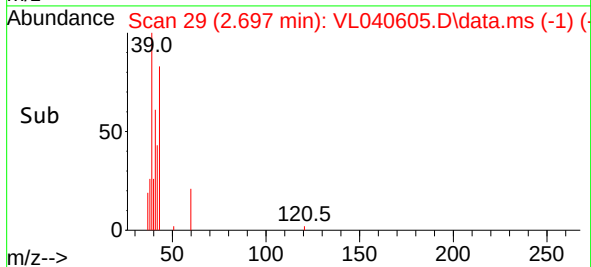
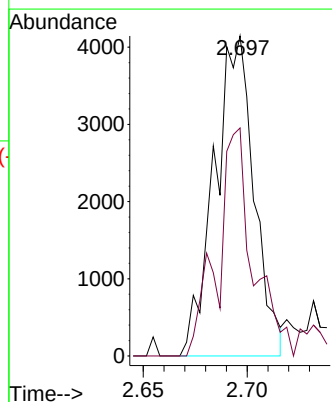
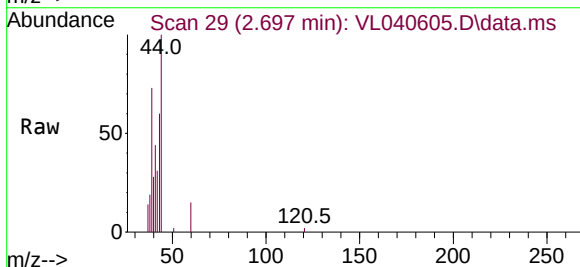
Instrument :
MSVOA_L
ClientSampleId :
VL0809ABL01

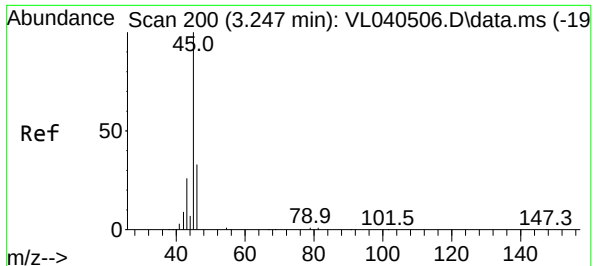
Tgt Ion: 49 Resp: 1013197
Ion Ratio Lower Upper
49 100
128 46.3 25.1 75.4
130 61.4 31.6 94.7



#9
Propene
Concen: 0.100 ppbv
RT: 2.697 min Scan# 29
Delta R.T. -0.007 min
Lab File: VL040605.D
Acq: 9 Aug 2023 14:32

Tgt Ion: 41 Resp: 5502
Ion Ratio Lower Upper
41 100
42 69.2 55.0 82.6

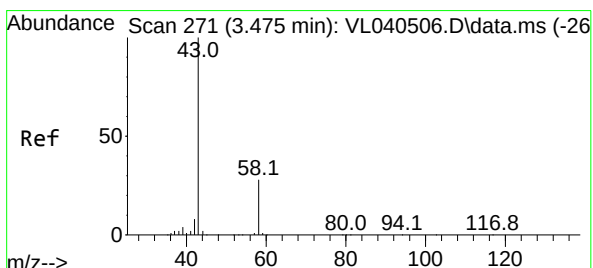
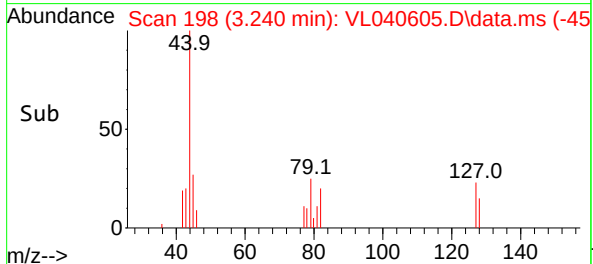
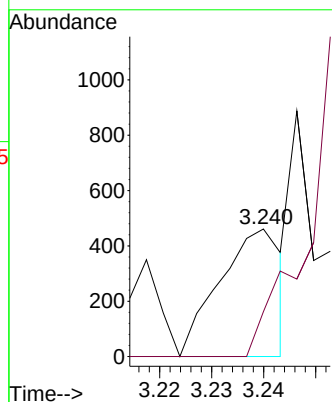
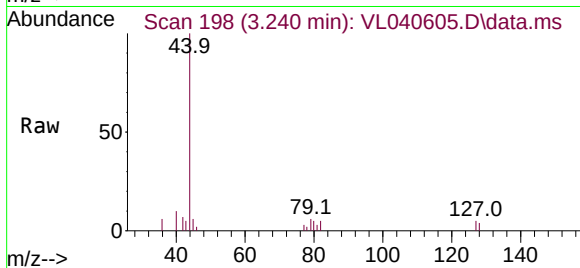




#13
 Ethanol
 Concen: 0.032 ppbv
 RT: 3.240 min Scan# 198
 Delta R.T. -0.007 min
 Lab File: VL040605.D
 Acq: 9 Aug 2023 14:32

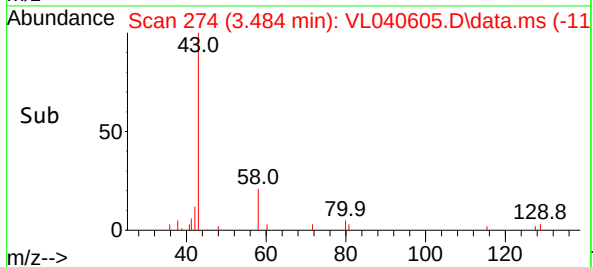
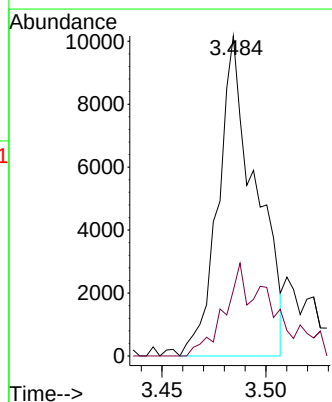
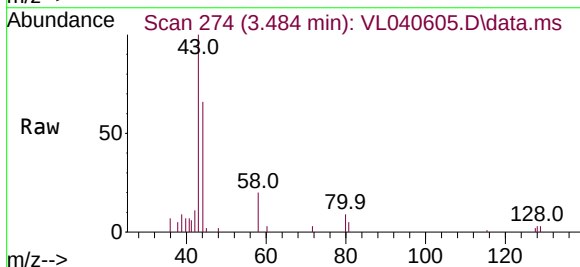
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0809ABL01

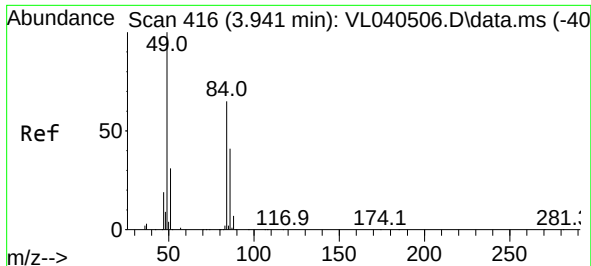
Tgt Ion: 45 Resp: 382
 Ion Ratio Lower Upper
 45 100
 46 0.0 15.3 61.1#



#15
 Acetone
 Concen: 0.109 ppbv
 RT: 3.484 min Scan# 274
 Delta R.T. 0.009 min
 Lab File: VL040605.D
 Acq: 9 Aug 2023 14:32

Tgt Ion: 43 Resp: 12679
 Ion Ratio Lower Upper
 43 100
 58 39.1 22.9 34.3#





#20

Methylene Chloride

Concen: 0.119 ppbv

RT: 3.934 min Scan# 41

Delta R.T. -0.007 min

Lab File: VL040605.D

Acq: 9 Aug 2023 14:32

Instrument :

MSVOA_L

ClientSampleId :

VL0809ABL01

Tgt Ion: 84 Resp: 5896

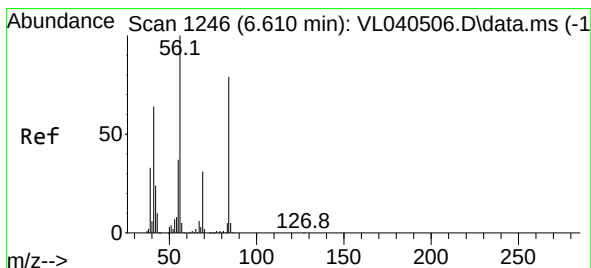
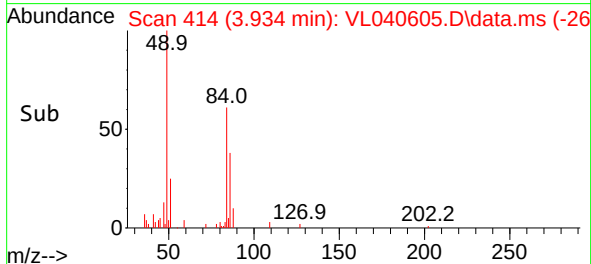
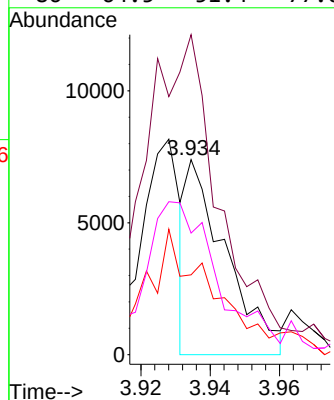
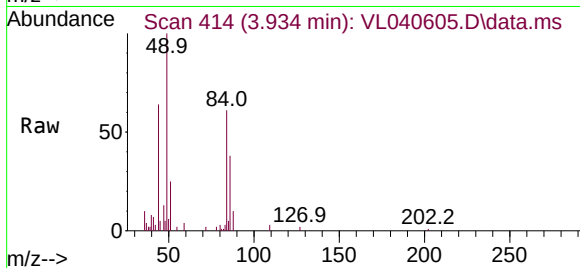
Ion Ratio Lower Upper

84 100

49 171.2 123.4 185.2

51 33.9 38.3 57.5#

86 64.5 51.4 77.0



#30

Cyclohexane

Concen: 0.071 ppbv

RT: 6.648 min Scan# 1258

Delta R.T. 0.038 min

Lab File: VL040605.D

Acq: 9 Aug 2023 14:32

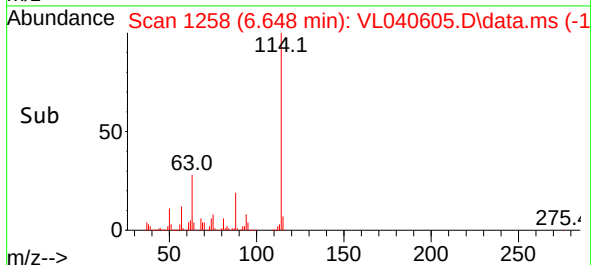
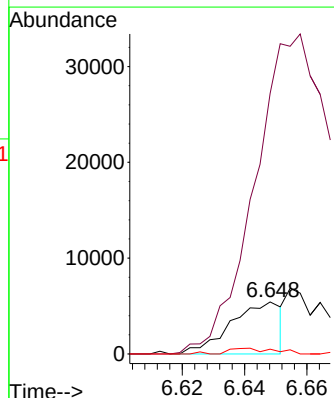
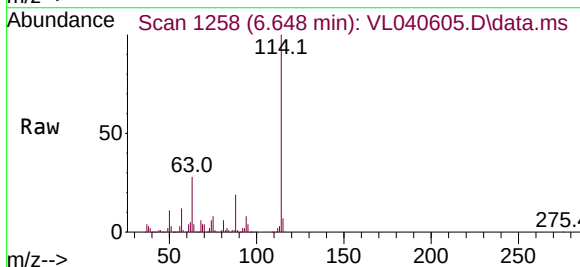
Tgt Ion: 84 Resp: 6105

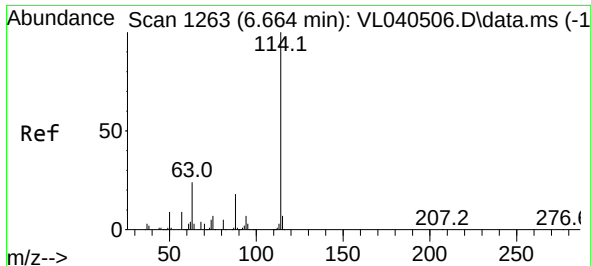
Ion Ratio Lower Upper

84 100

56 0.0 108.7 163.1#

41 12.4 64.5 96.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 11

Delta R.T. -0.007 min

Lab File: VL040605.D

Acq: 9 Aug 2023 14:32

Instrument :

MSVOA_L

ClientSampleId :

VL0809ABL01

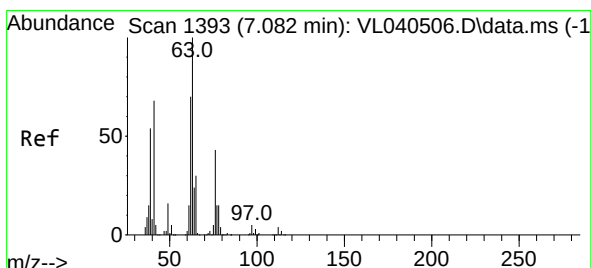
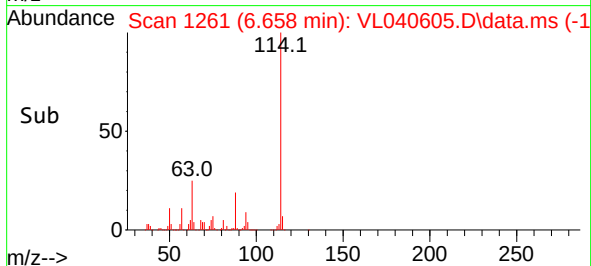
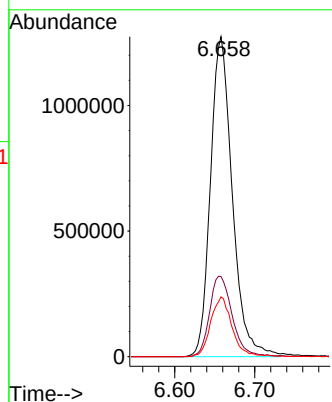
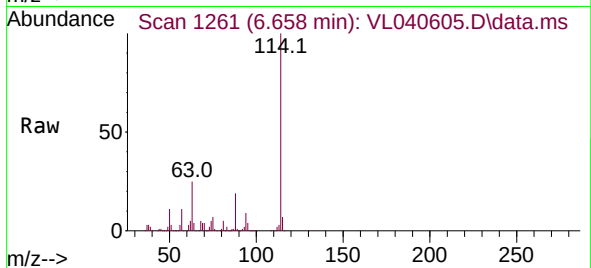
Tgt Ion:114 Resp: 2417591

Ion Ratio Lower Upper

114 100

63 26.4 19.6 29.4

88 18.4 14.2 21.2



#39

1,2-Dichloropropane

Concen: 8.422 ppbv

RT: 6.655 min Scan# 1260

Delta R.T. -0.428 min

Lab File: VL040605.D

Acq: 9 Aug 2023 14:32

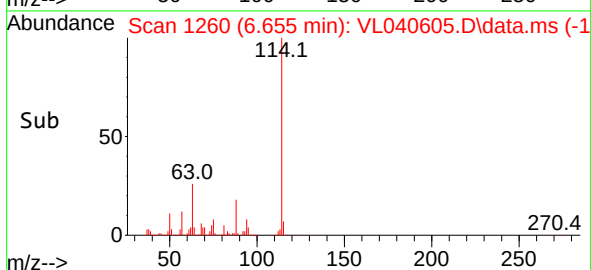
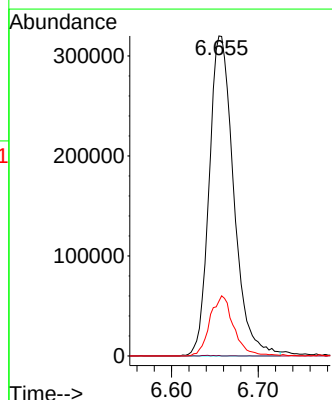
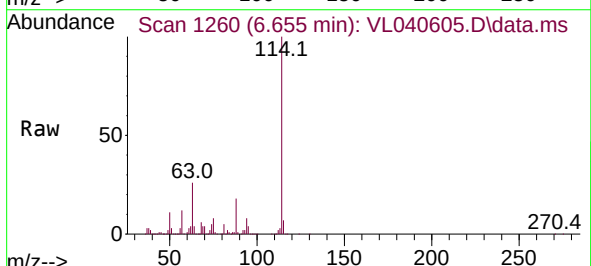
Tgt Ion: 63 Resp: 630672

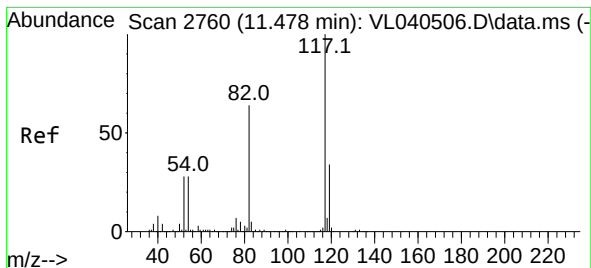
Ion Ratio Lower Upper

63 100

41 0.4 54.3 81.5#

62 17.1 55.6 83.4#

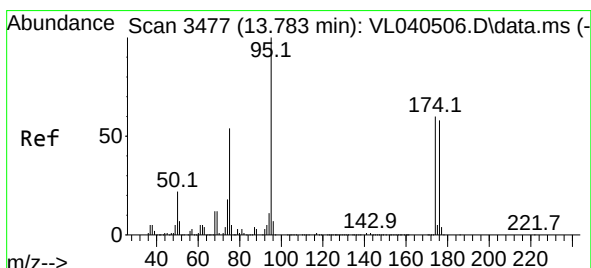
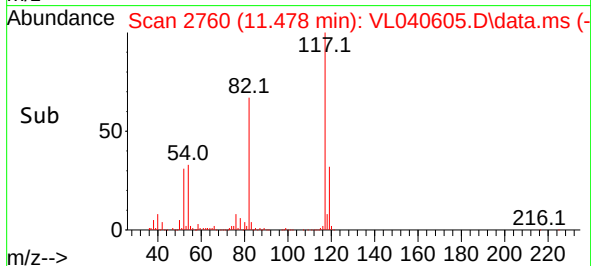
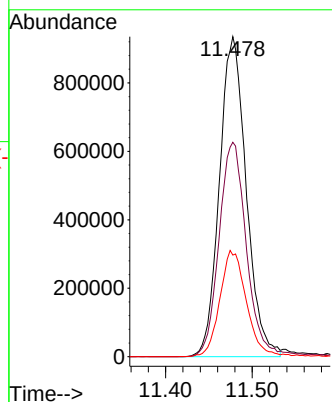
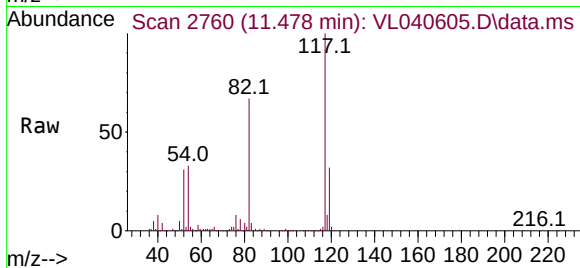




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL040605.D
Acq: 9 Aug 2023 14:32

Instrument :
MSVOA_1
ClientSampleId :
VL0809ABL01

Tgt Ion:117 Resp: 2011589
Ion Ratio Lower Upper
117 100
82 69.2 50.2 75.4
119 33.2 26.9 40.3



#68
1-Bromo-4-Fluorobenzene
Concen: 10.484 ppbv
RT: 13.786 min Scan# 3478
Delta R.T. 0.003 min
Lab File: VL040605.D
Acq: 9 Aug 2023 14:32

Tgt Ion: 95 Resp: 1669114
Ion Ratio Lower Upper
95 100
174 59.8 50.6 75.8
175 4.4 3.7 5.5

