

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090523\
 Data File : VL040645.D
 Acq On : 5 Sep 2023 13:00
 Operator : SY/MD
 Sample : VL0905ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Sep 06 02:05:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Aug 16 05:43:50 2023
 Response via : Initial Calibration

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

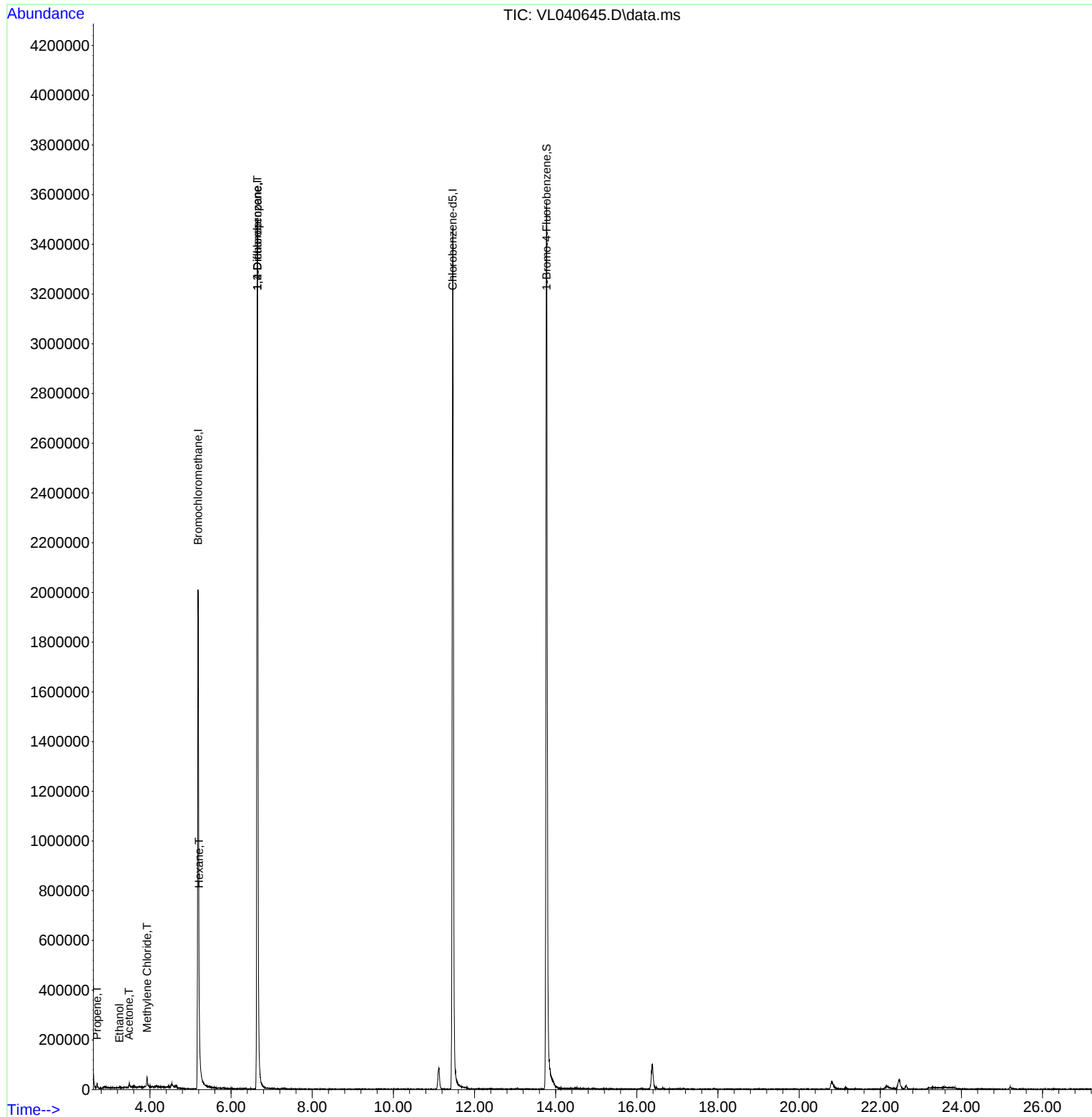
Internal Standards						
1) Bromochloromethane	5.185	49	967439	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2591446	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.465	117	2205596	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1750749	9.981	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.800%
Target Compounds						
					Qvalue	
9) Propene	2.694	41	5615	0.114	ppbv	86
13) Ethanol	3.250	45	426	0.031	ppbv	85
15) Acetone	3.485	43	6127	0.052	ppbv #	47
20) Methylene Chloride	3.928	84	10187	0.176	ppbv #	74
26) Hexane	5.208	57	8823	0.082	ppbv #	41
39) 1,2-Dichloropropane	6.648	63	656933	8.376	ppbv #	25

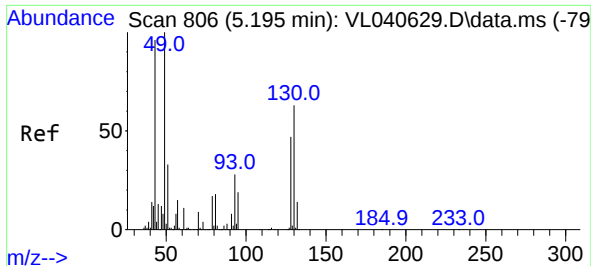
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090523\
Data File : VL040645.D
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Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
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Quant Time: Sep 06 02:05:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Wed Aug 16 05:43:50 2023
Response via : Initial Calibration

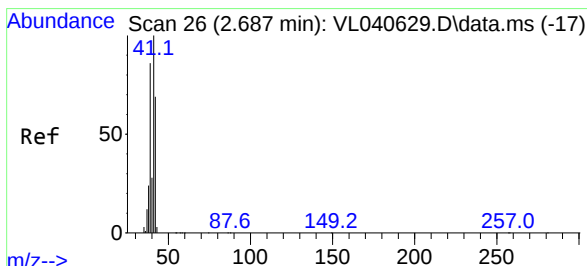
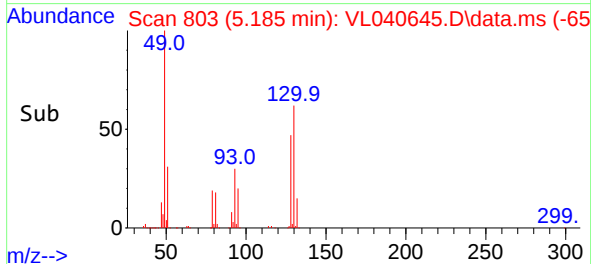
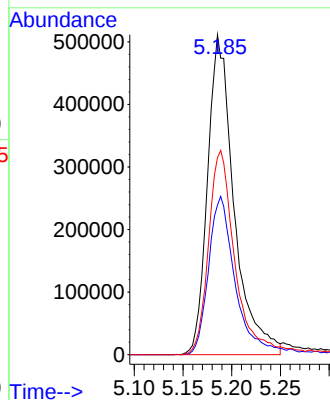
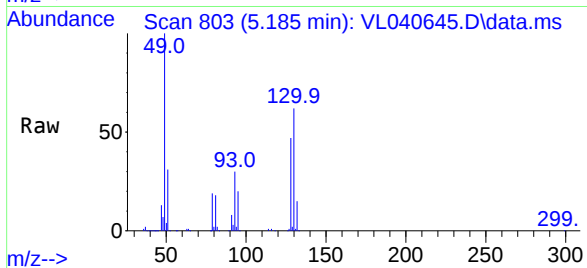




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. -0.010 min
Lab File: VL040645.D
Acq: 5 Sep 2023 13:00

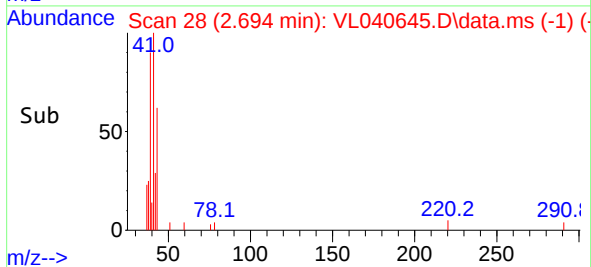
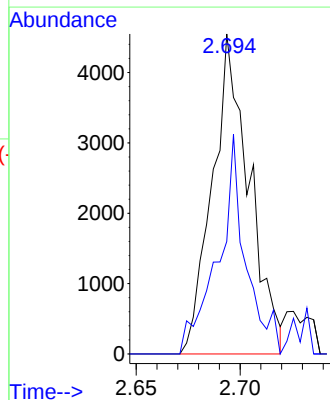
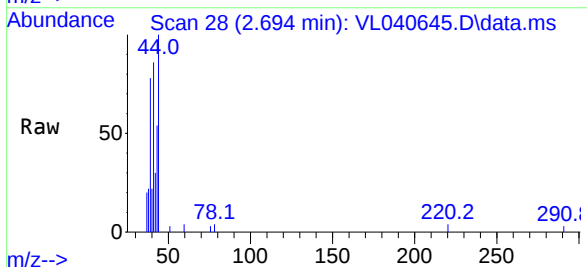
Instrument :
MSVOA_L
ClientSampleId :

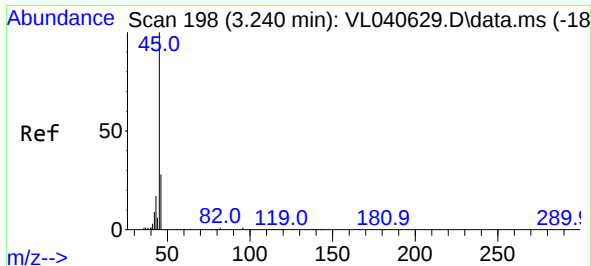
Tgt Ion: 49 Resp: 967439
Ion Ratio Lower Upper
49 100
128 51.5 24.9 74.7
130 66.5 32.2 96.6



#9
Propene
Concen: 0.114 ppbv
RT: 2.694 min Scan# 28
Delta R.T. 0.006 min
Lab File: VL040645.D
Acq: 5 Sep 2023 13:00

Tgt Ion: 41 Resp: 5615
Ion Ratio Lower Upper
41 100
42 58.7 56.5 84.7

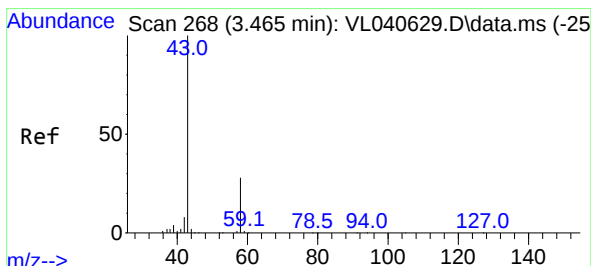
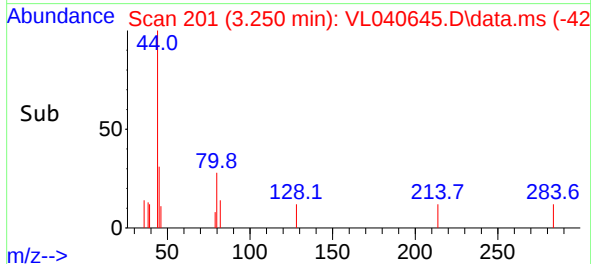
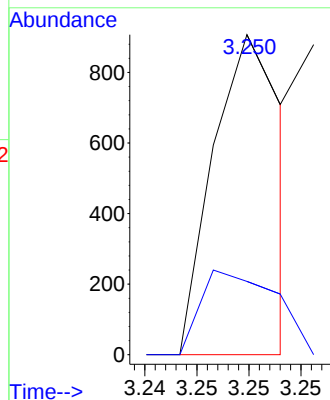
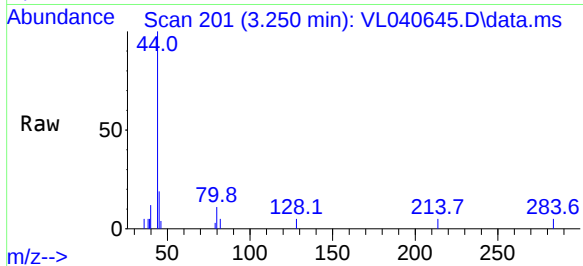




#13
Ethanol
Concen: 0.031 ppbv
RT: 3.250 min Scan# 201
Delta R.T. 0.010 min
Lab File: VL040645.D
Acq: 5 Sep 2023 13:00

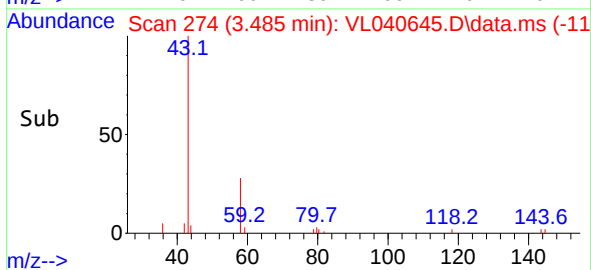
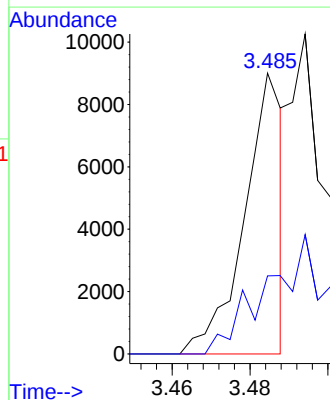
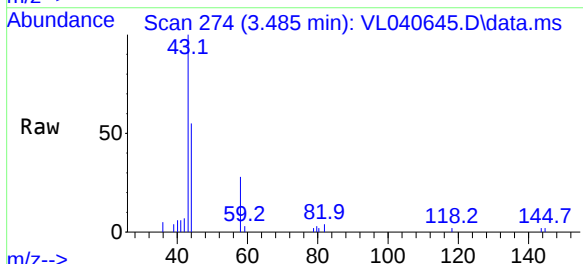
Instrument :
MSVOA_L
ClientSampleId :

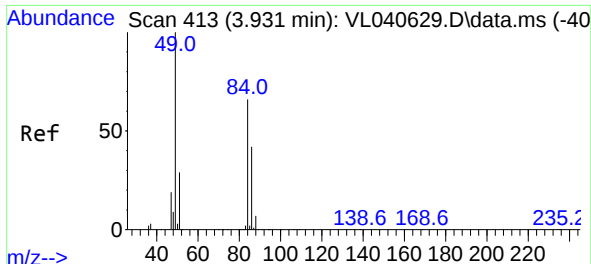
Tgt Ion: 45 Resp: 426
Ion Ratio Lower Upper
45 100
46 44.1 14.2 56.6



#15
Acetone
Concen: 0.052 ppbv
RT: 3.485 min Scan# 274
Delta R.T. 0.019 min
Lab File: VL040645.D
Acq: 5 Sep 2023 13:00

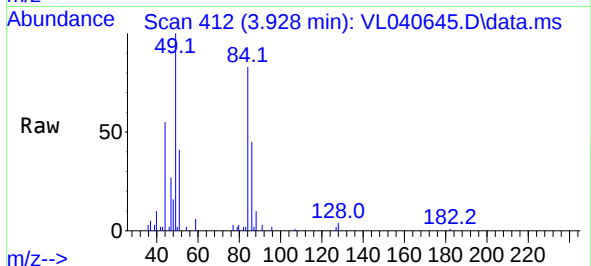
Tgt Ion: 43 Resp: 6127
Ion Ratio Lower Upper
43 100
58 0.0 22.4 33.6#





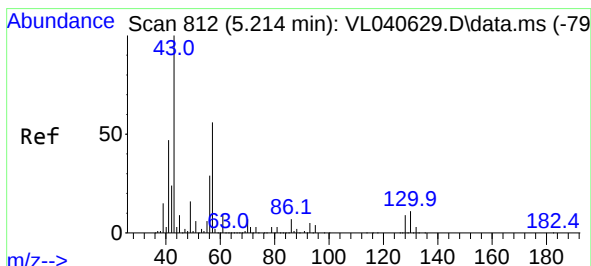
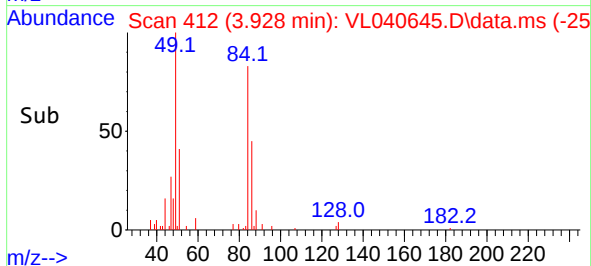
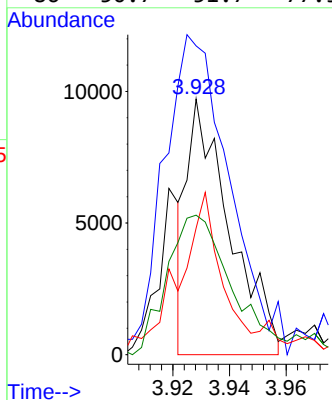
#20
Methylene Chloride
Concen: 0.176 ppbv
RT: 3.928 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040645.D
Acq: 5 Sep 2023 13:00

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 84 Resp: 10187

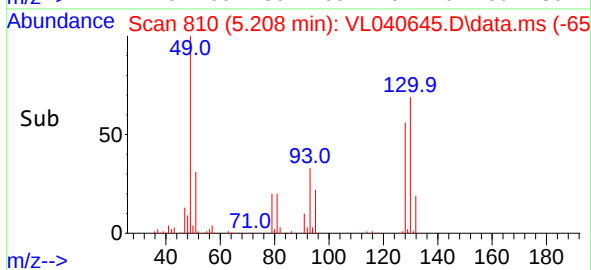
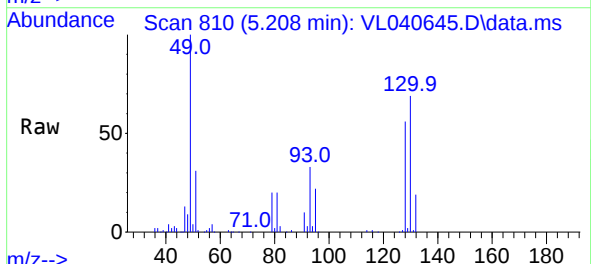
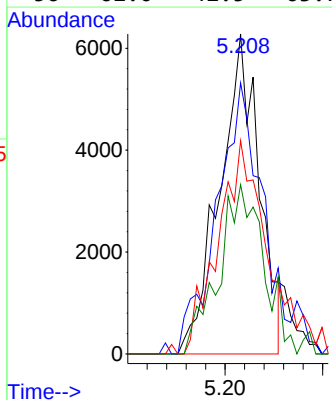
Ion	Ratio	Lower	Upper
84	100		
49	105.5	122.1	183.1#
51	46.0	35.4	53.2
86	50.7	51.7	77.5#

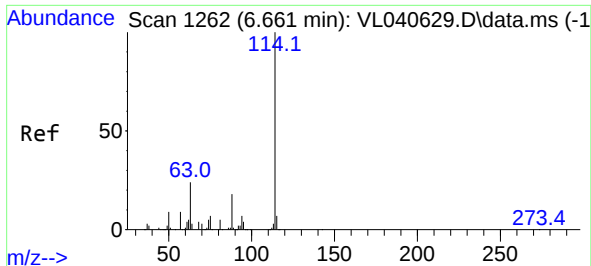


#26
Hexane
Concen: 0.082 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.006 min
Lab File: VL040645.D
Acq: 5 Sep 2023 13:00

Tgt Ion: 57 Resp: 8823

Ion	Ratio	Lower	Upper
57	100		
41	105.3	69.3	103.9#
43	83.5	177.9	266.9#
56	62.0	42.5	63.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 11

Delta R.T. -0.013 min

Lab File: VL040645.D

Acq: 5 Sep 2023 13:00

Instrument :

MSVOA_L

ClientSampleId :

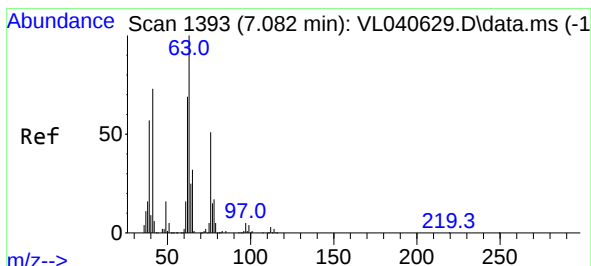
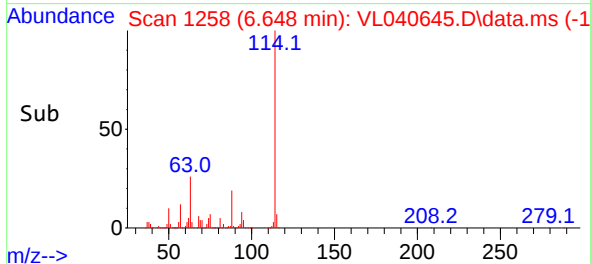
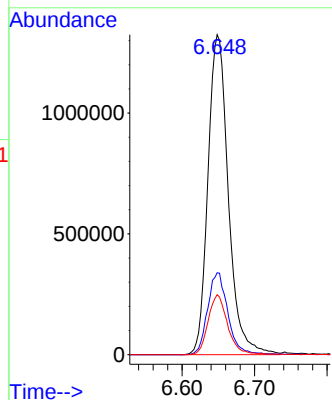
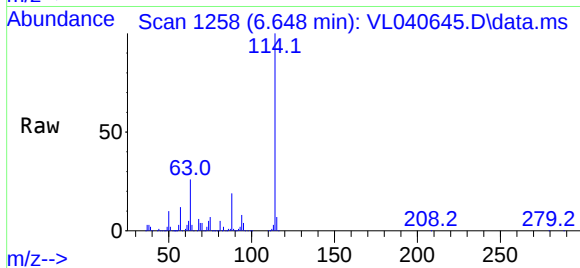
Tgt Ion:114 Resp: 2591446

Ion Ratio Lower Upper

114 100

63 25.5 20.2 30.2

88 18.1 14.1 21.1



#39

1,2-Dichloropropane

Concen: 8.376 ppbv

RT: 6.648 min Scan# 1258

Delta R.T. -0.434 min

Lab File: VL040645.D

Acq: 5 Sep 2023 13:00

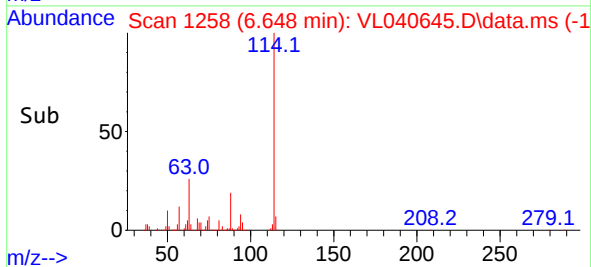
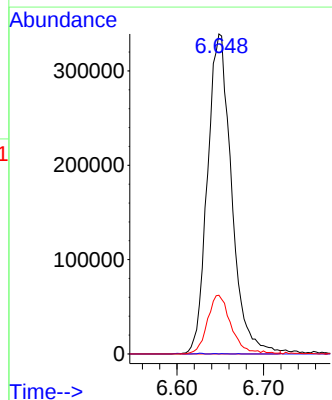
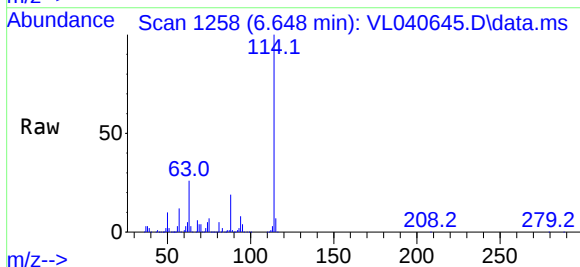
Tgt Ion: 63 Resp: 656933

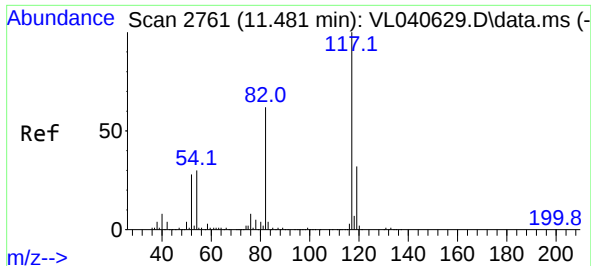
Ion Ratio Lower Upper

63 100

41 0.0 58.2 87.2#

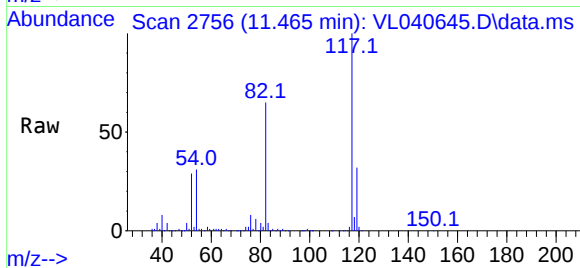
62 18.3 55.0 82.4#





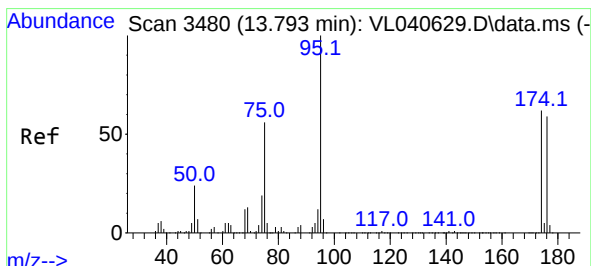
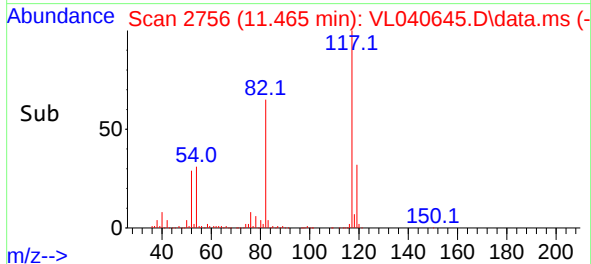
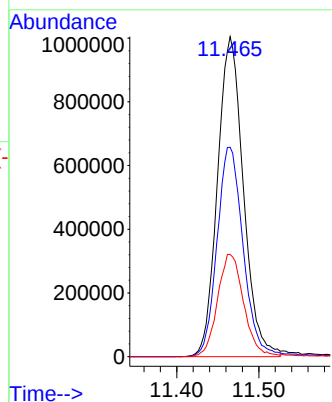
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL040645.D
Acq: 5 Sep 2023 13:00

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:117 Resp: 2205596

Ion	Ratio	Lower	Upper
117	100		
82	67.1	49.5	74.3
119	33.1	24.5	36.7



#68
1-Bromo-4-Fluorobenzene
Concen: 9.981 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. -0.016 min
Lab File: VL040645.D
Acq: 5 Sep 2023 13:00

Tgt Ion: 95 Resp: 1750749

Ion	Ratio	Lower	Upper
95	100		
174	63.3	49.1	73.7
175	4.4	3.7	5.5

