

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
 Data File : VL041645.D
 Acq On : 10 Oct 2024 16:45
 Operator : SY/MD
 Sample : CAN 10320
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 11 05:42:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 17 09:12:21 2024
 Response via : Initial Calibration

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

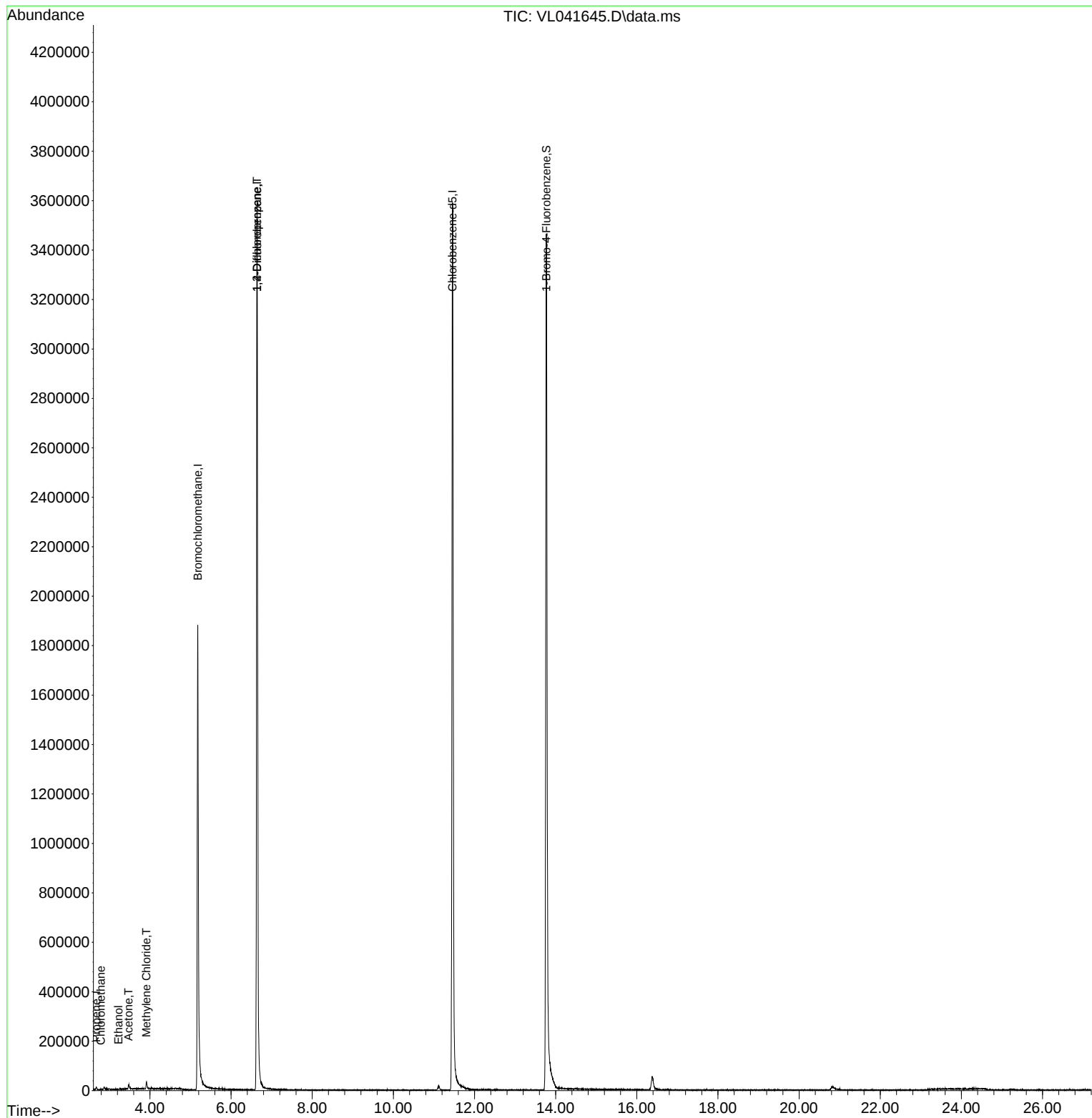
Internal Standards						
1) Bromochloromethane	5.179	49	993766	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2742317	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.458	117	2371014	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1738040	9.958	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.600%
Target Compounds						
					Qvalue	
4) Chloromethane	2.790	50	2254	0.034	ppbv #	75
9) Propene	2.677	41	4364	0.086	ppbv	98
13) Ethanol	3.227	45	216	0.057	ppbv #	37
15) Acetone	3.472	43	8113	0.065	ppbv #	48
20) Methylene Chloride	3.915	84	5931	0.127	ppbv #	91
39) 1,2-Dichloropropane	6.639	63	677421	8.743	ppbv #	24

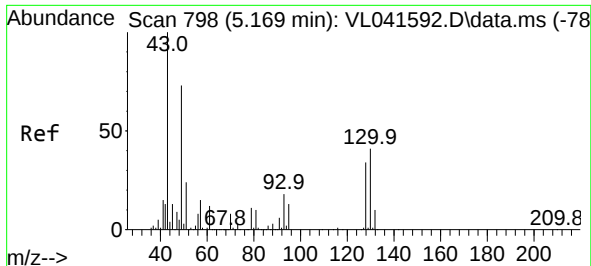
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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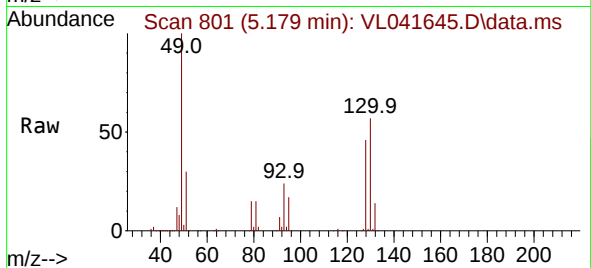
Quant Time: Oct 11 05:42:27 2024
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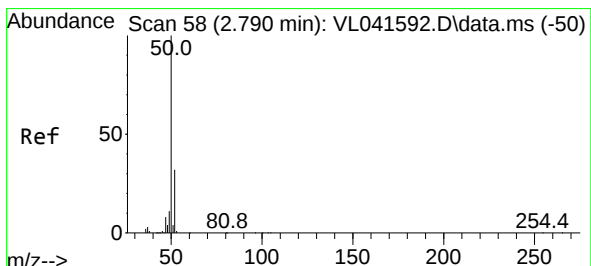
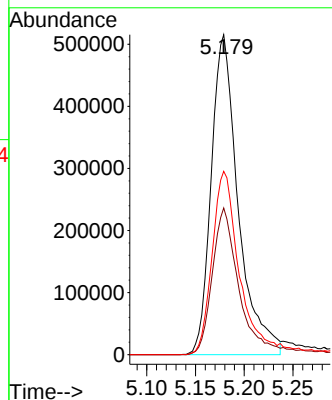
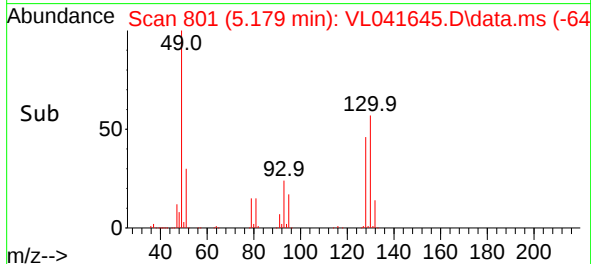


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 801
Delta R.T. 0.010 min
Lab File: VL041645.D
Acq: 10 Oct 2024 16:45

Instrument :
MSVOA_L
ClientSampleId :

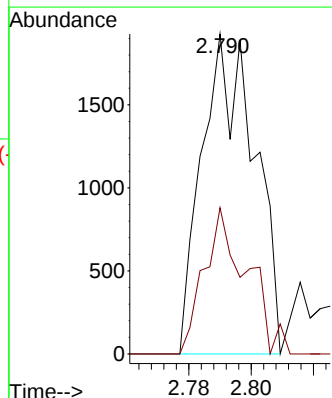
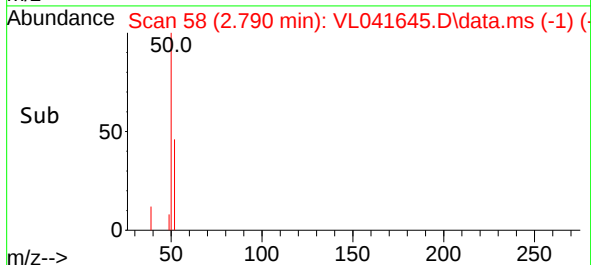
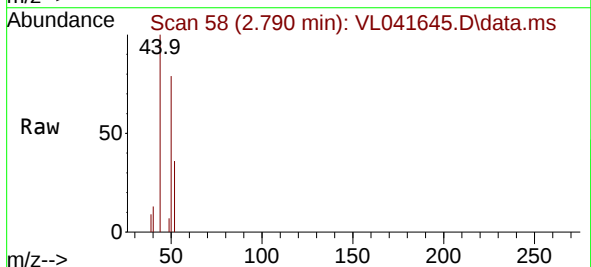


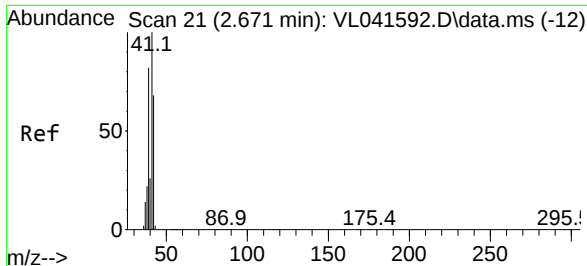
Tgt Ion: 49 Resp: 993766
Ion Ratio Lower Upper
49 100
128 47.7 23.8 71.5
130 61.0 30.4 91.3



#4
Chloromethane
Concen: 0.034 ppbv
RT: 2.790 min Scan# 58
Delta R.T. 0.000 min
Lab File: VL041645.D
Acq: 10 Oct 2024 16:45

Tgt Ion: 50 Resp: 2254
Ion Ratio Lower Upper
50 100
52 45.7 25.4 38.2#

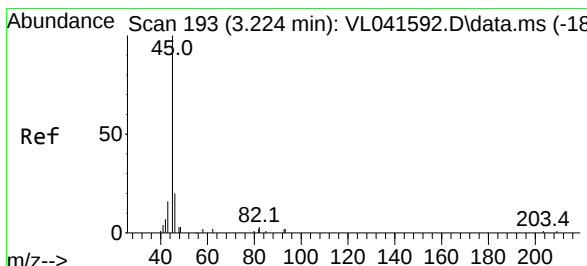
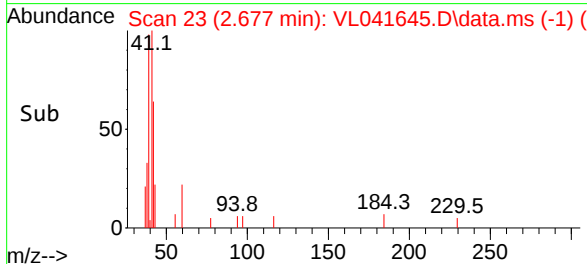
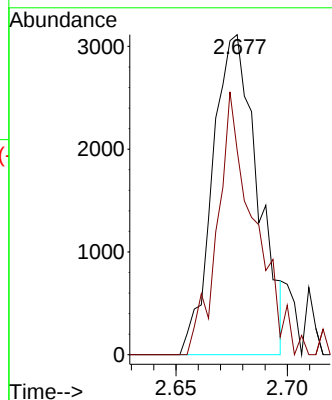
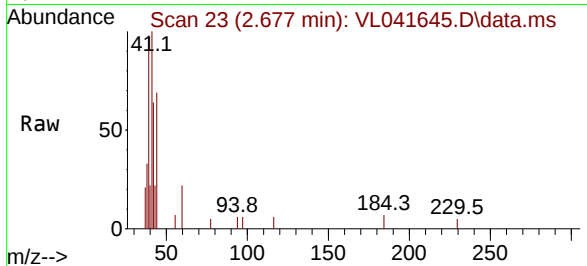




#9
Propene
Concen: 0.086 ppbv
RT: 2.677 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL041645.D
Acq: 10 Oct 2024 16:45

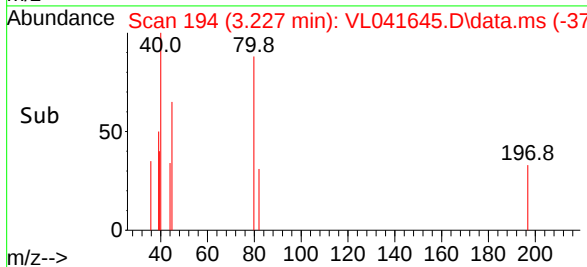
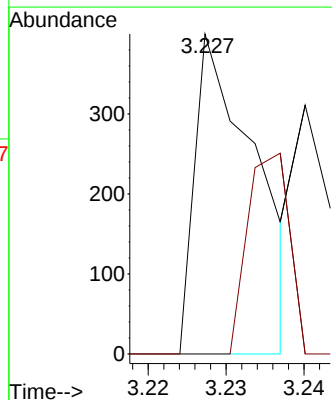
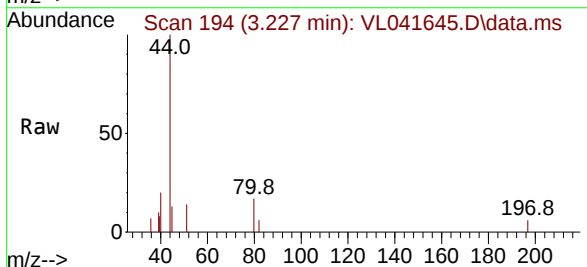
Instrument :
MSVOA_L
ClientSampleId :

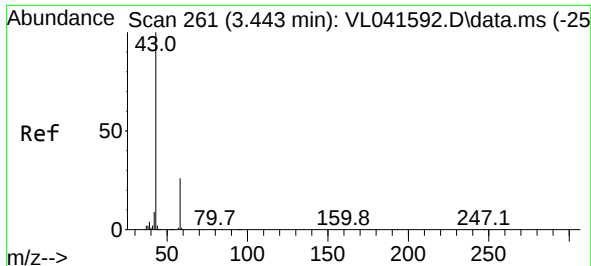
Tgt Ion: 41 Resp: 4364
Ion Ratio Lower Upper
41 100
42 67.5 55.2 82.8



#13
Ethanol
Concen: 0.057 ppbv
RT: 3.227 min Scan# 194
Delta R.T. 0.003 min
Lab File: VL041645.D
Acq: 10 Oct 2024 16:45

Tgt Ion: 45 Resp: 216
Ion Ratio Lower Upper
45 100
46 0.0 15.2 60.8#

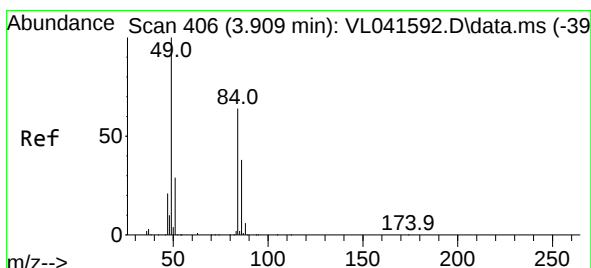
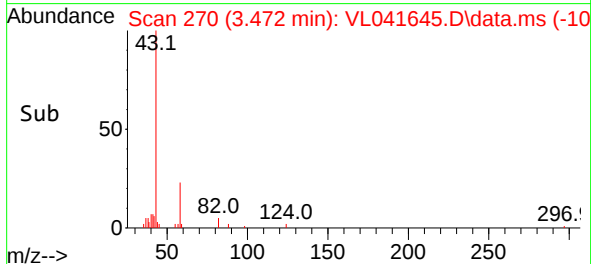
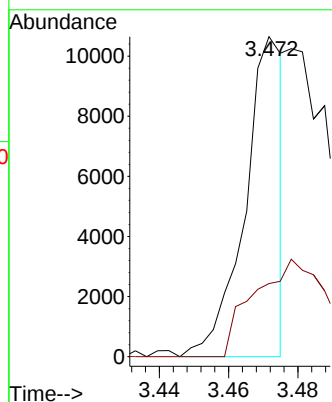
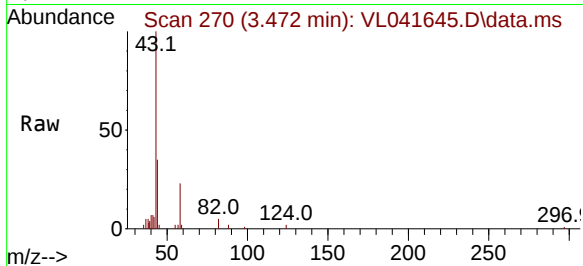




#15
Acetone
Concen: 0.065 ppbv
RT: 3.472 min Scan# 21
Delta R.T. 0.029 min
Lab File: VL041645.D
Acq: 10 Oct 2024 16:45

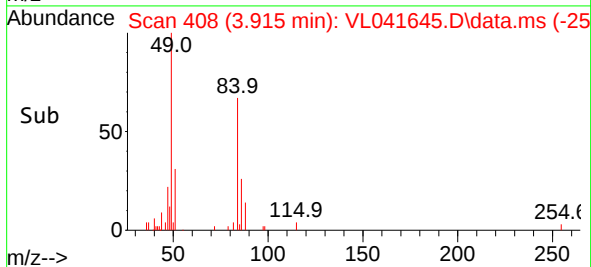
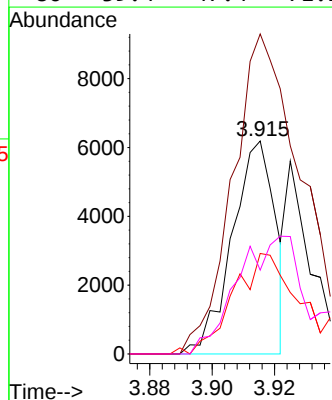
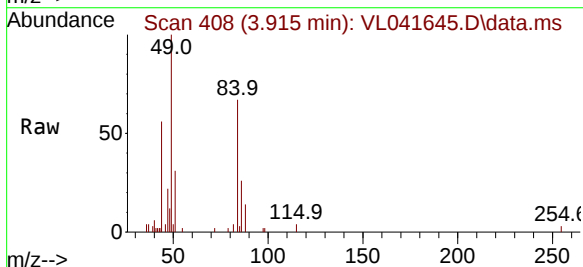
Instrument :
MSVOA_L
ClientSampleId :

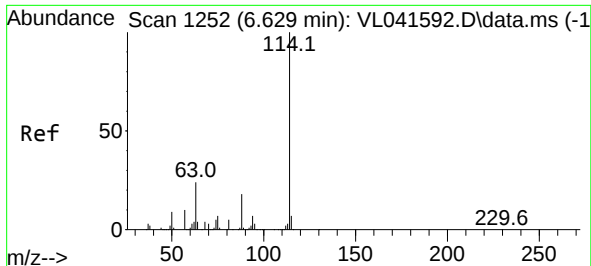
Tgt Ion: 43 Resp: 8113
Ion Ratio Lower Upper
43 100
58 0.0 21.5 32.3#



#20
Methylene Chloride
Concen: 0.127 ppbv
RT: 3.915 min Scan# 408
Delta R.T. 0.007 min
Lab File: VL041645.D
Acq: 10 Oct 2024 16:45

Tgt Ion: 84 Resp: 5931
Ion Ratio Lower Upper
84 100
49 150.3 124.3 186.5
51 44.3 36.3 54.5
86 39.4 47.4 71.2#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 11

Delta R.T. 0.013 min

Lab File: VL041645.D

Acq: 10 Oct 2024 16:45

Instrument :

MSVOA_L

ClientSampleId :

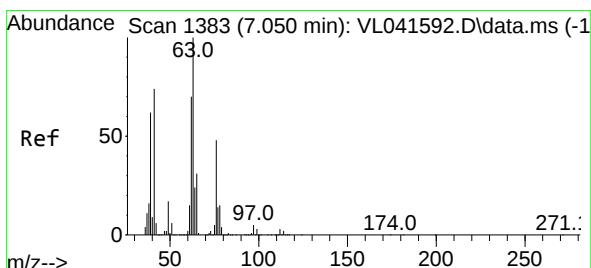
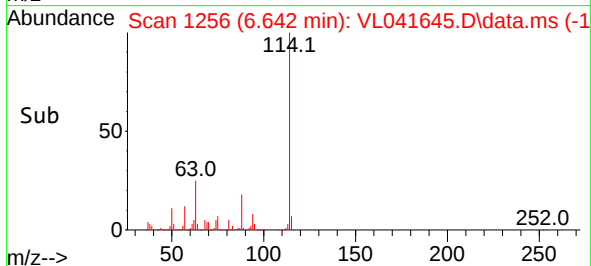
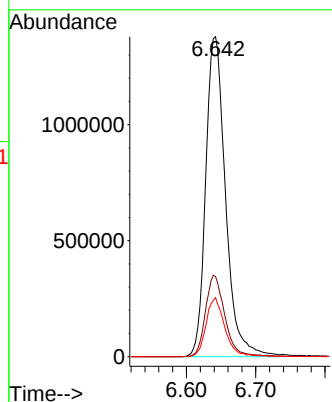
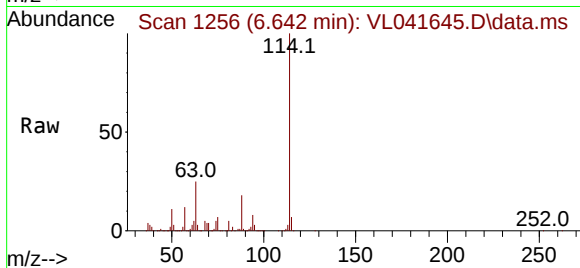
Tgt Ion:114 Resp: 2742317

Ion Ratio Lower Upper

114 100

63 25.2 20.2 30.2

88 17.6 14.2 21.4



#39

1,2-Dichloropropane

Concen: 8.743 ppbv

RT: 6.639 min Scan# 1255

Delta R.T. -0.411 min

Lab File: VL041645.D

Acq: 10 Oct 2024 16:45

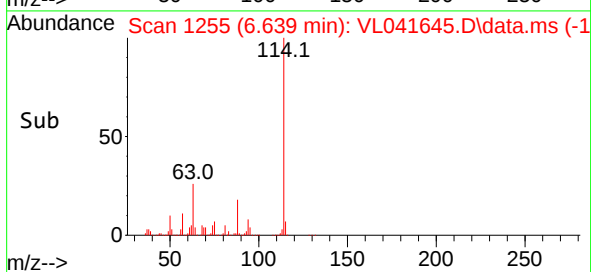
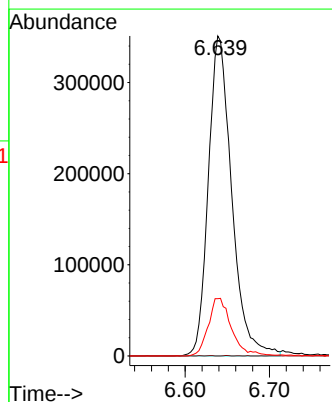
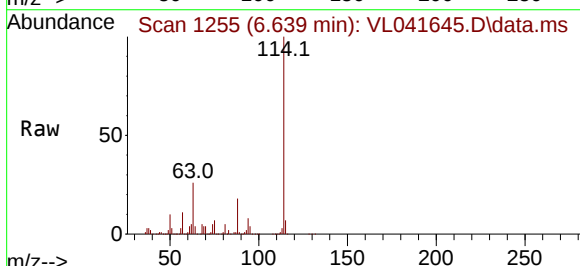
Tgt Ion: 63 Resp: 677421

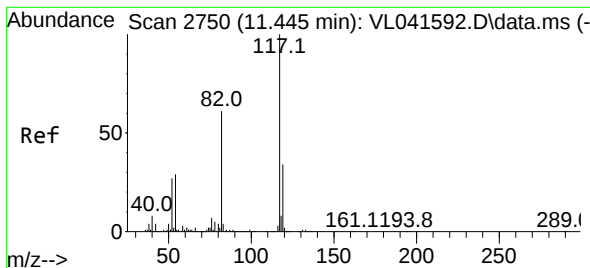
Ion Ratio Lower Upper

63 100

41 0.0 59.5 89.3#

62 17.9 56.2 84.2#

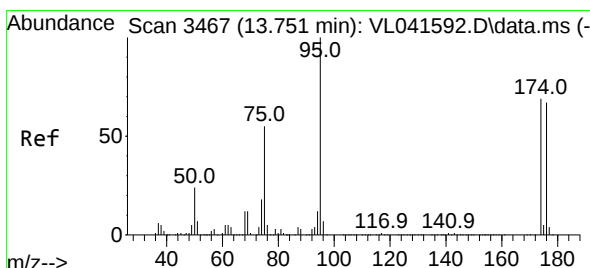
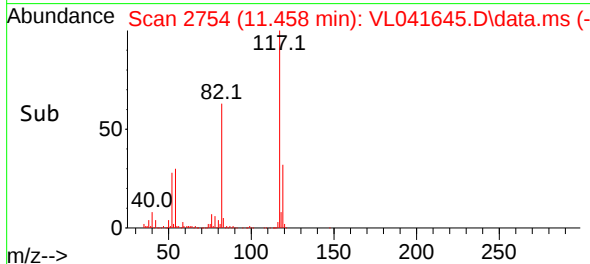
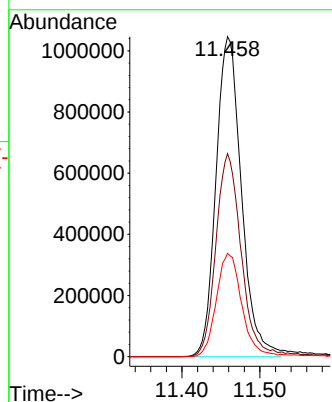
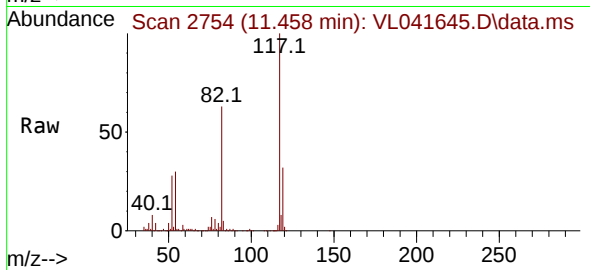




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL041645.D
Acq: 10 Oct 2024 16:45

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2371014
Ion Ratio Lower Upper
117 100
82 64.8 49.4 74.2
119 33.0 24.4 36.6



#68
1-Bromo-4-Fluorobenzene
Concen: 9.958 ppbv
RT: 13.770 min Scan# 3473
Delta R.T. 0.019 min
Lab File: VL041645.D
Acq: 10 Oct 2024 16:45

Tgt Ion: 95 Resp: 1738040
Ion Ratio Lower Upper
95 100
174 71.8 55.8 83.8
175 5.2 4.1 6.1

