

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101424\
 Data File : VL041663.D
 Acq On : 14 Oct 2024 11:41
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 15 02:40:25 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)

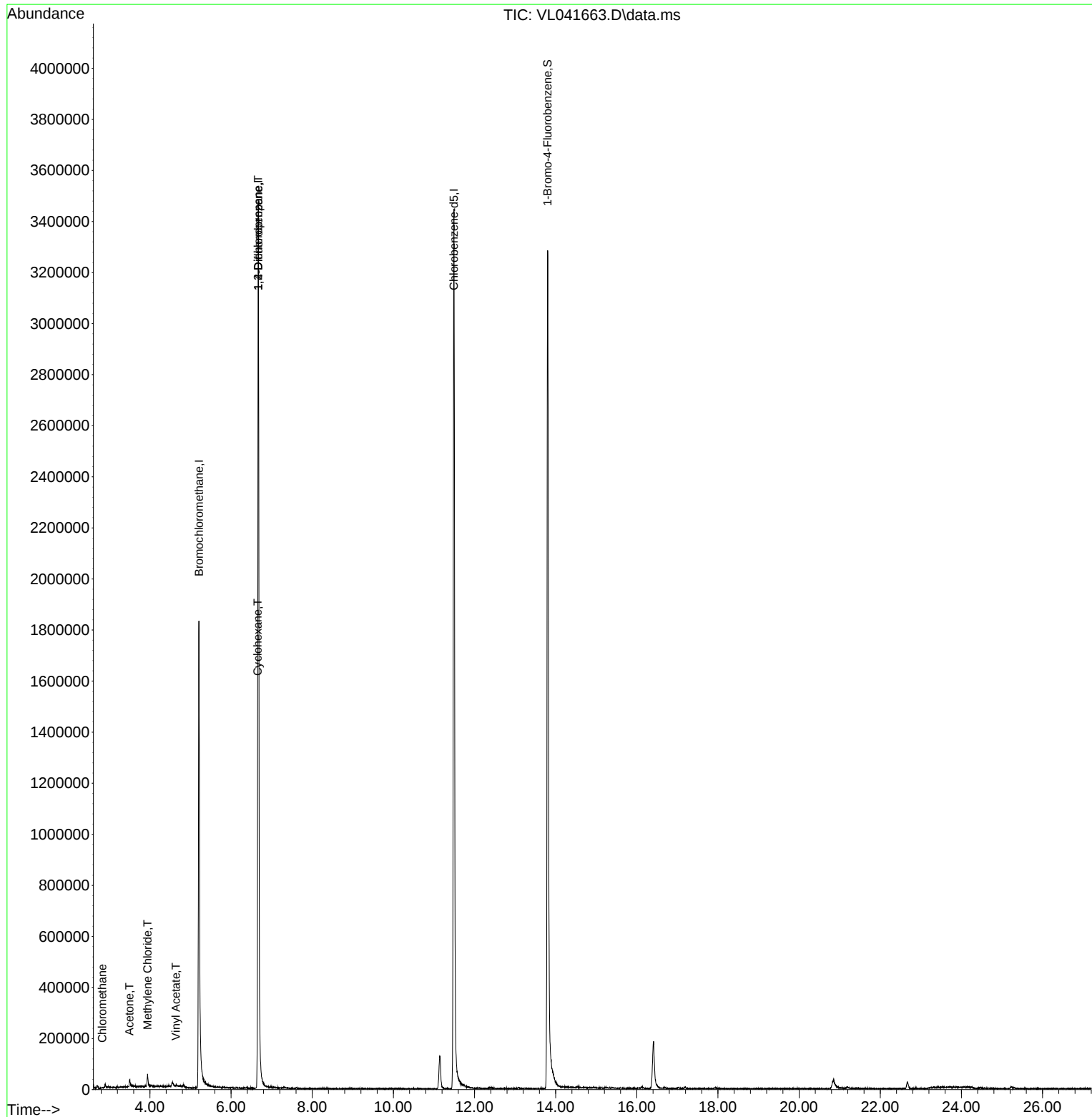
Internal Standards						
1) Bromochloromethane	5.208	49	1006897	10.000	ppbv	0.04
33) 1,4-Difluorobenzene	6.671	114	2688648	10.000	ppbv	0.04
55) Chlorobenzene-d5	11.491	117	2332708	10.000	ppbv	0.05
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.802	95	1624426	9.460	ppbv	0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.600%
Target Compounds						
					Qvalue	
4) Chloromethane	2.822	50	2405	0.036	ppbv #	61
15) Acetone	3.497	43	34276	0.271	ppbv	90
20) Methylene Chloride	3.941	84	14042	0.296	ppbv	97
23) Vinyl Acetate	4.642	43	2295	0.033	ppbv #	79
30) Cyclohexane	6.655	84	3132	0.043	ppbv #	1
39) 1,2-Dichloropropane	6.668	63	663470	8.734	ppbv #	24

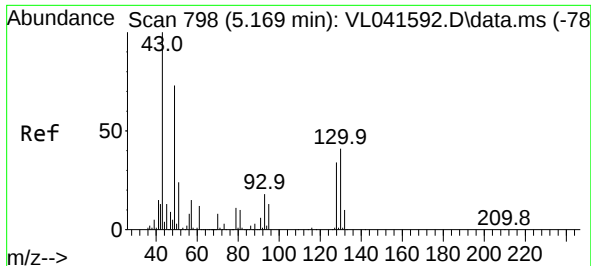
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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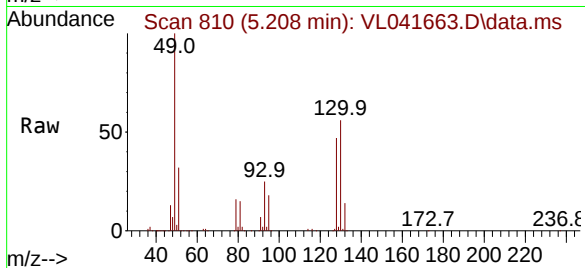
Quant Time: Oct 15 02:40:25 2024
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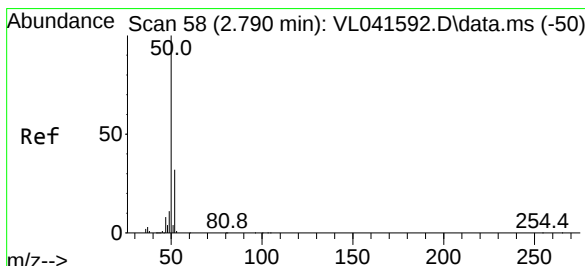
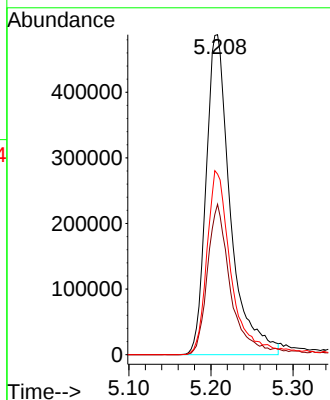
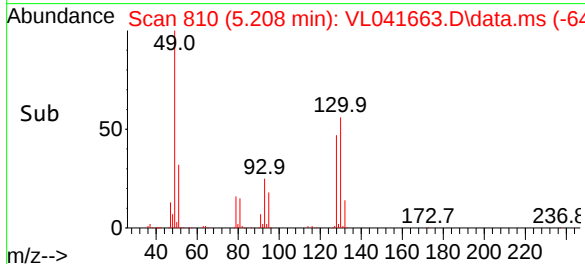


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 81
Delta R.T. 0.039 min
Lab File: VL041663.D
Acq: 14 Oct 2024 11:41

Instrument :
MSVOA_L
ClientSampleId :

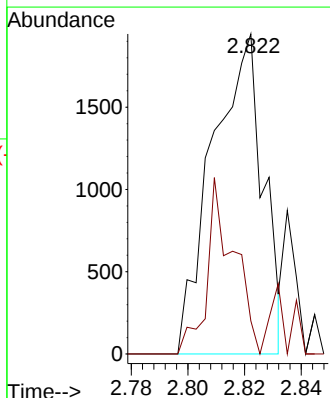
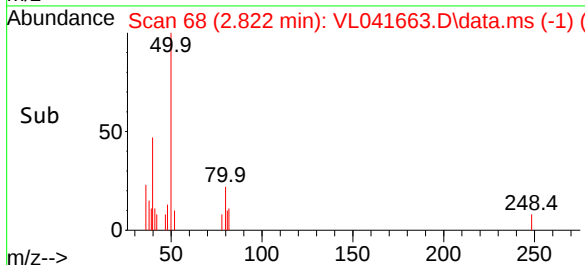
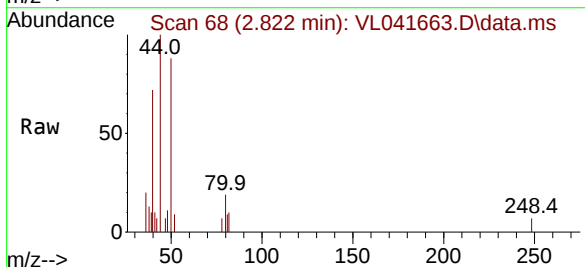


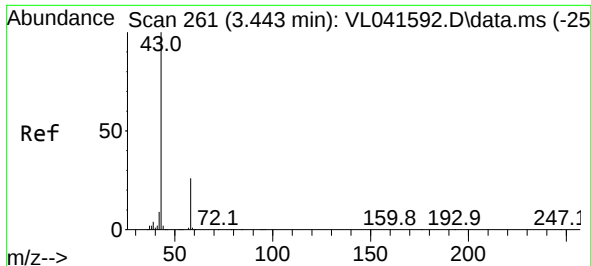
Tgt Ion: 49 Resp: 1006897
Ion Ratio Lower Upper
49 100
128 46.8 23.8 71.5
130 59.2 30.4 91.3



#4
Chloromethane
Concen: 0.036 ppbv
RT: 2.822 min Scan# 68
Delta R.T. 0.032 min
Lab File: VL041663.D
Acq: 14 Oct 2024 11:41

Tgt Ion: 50 Resp: 2405
Ion Ratio Lower Upper
50 100
52 10.4 25.4 38.2#

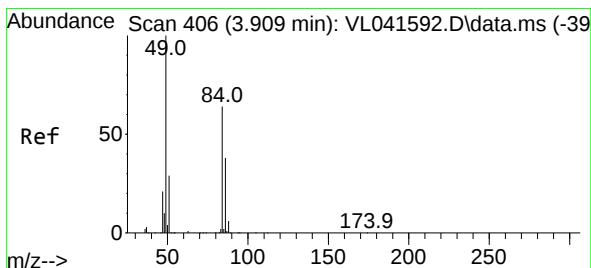
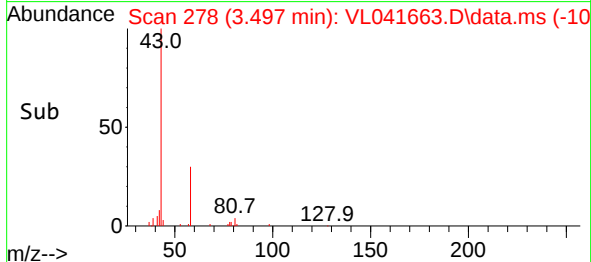
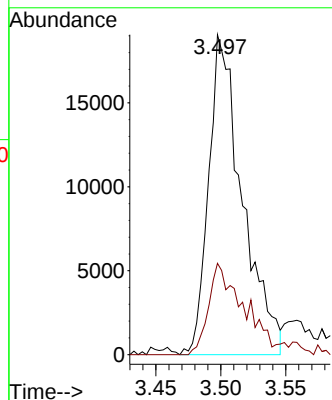
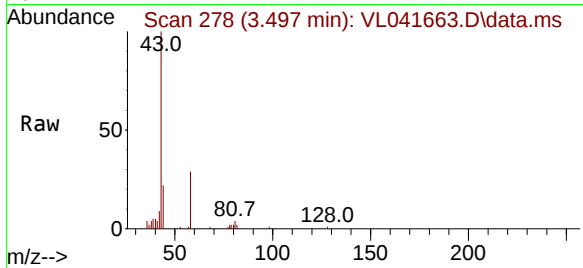




#15
Acetone
Concen: 0.271 ppbv
RT: 3.497 min Scan# 21
Delta R.T. 0.055 min
Lab File: VL041663.D
Acq: 14 Oct 2024 11:41

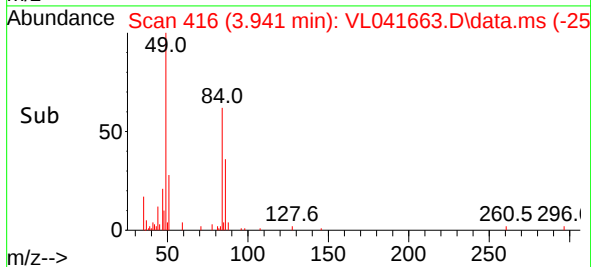
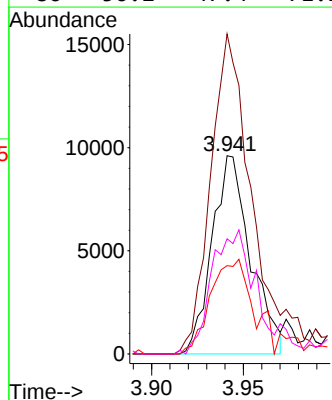
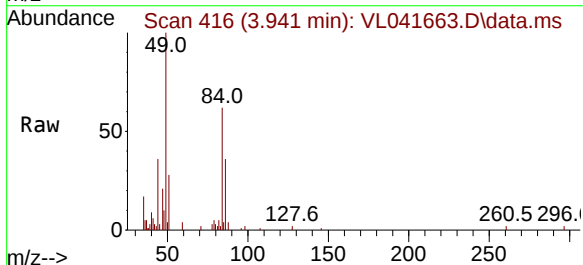
Instrument :
MSVOA_L
ClientSampleId :

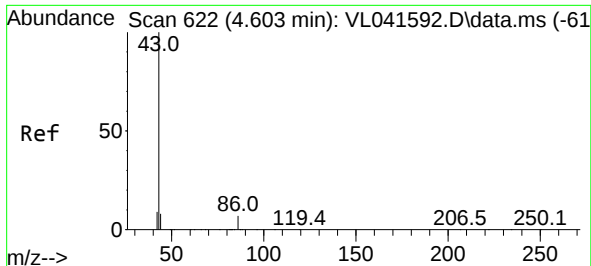
Tgt Ion: 43 Resp: 34276
Ion Ratio Lower Upper
43 100
58 32.0 21.5 32.3



#20
Methylene Chloride
Concen: 0.296 ppbv
RT: 3.941 min Scan# 416
Delta R.T. 0.032 min
Lab File: VL041663.D
Acq: 14 Oct 2024 11:41

Tgt Ion: 84 Resp: 14042
Ion Ratio Lower Upper
84 100
49 159.7 124.3 186.5
51 44.5 36.3 54.5
86 56.2 47.4 71.2

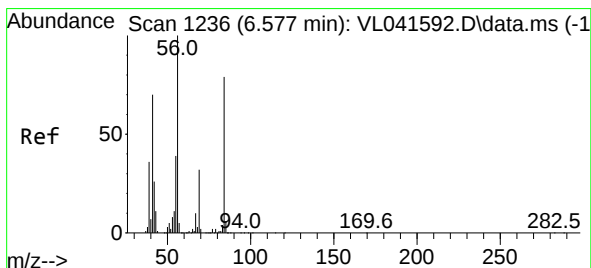
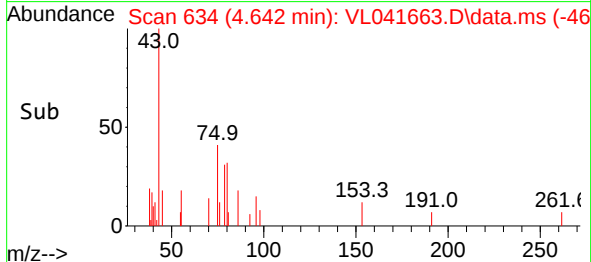
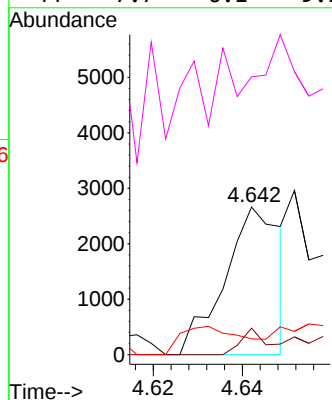
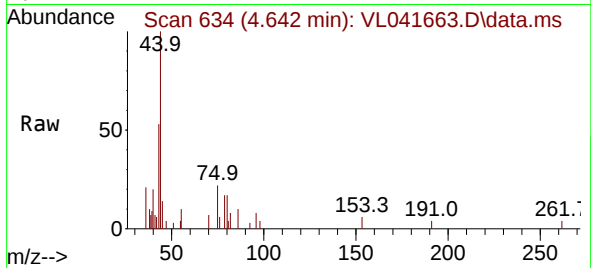




#23
 Vinyl Acetate
 Concen: 0.033 ppbv
 RT: 4.642 min Scan# 61
 Delta R.T. 0.039 min
 Lab File: VL041663.D
 Acq: 14 Oct 2024 11:41

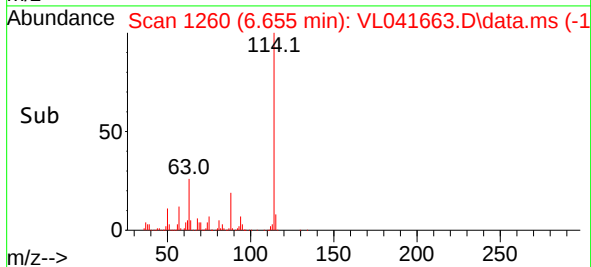
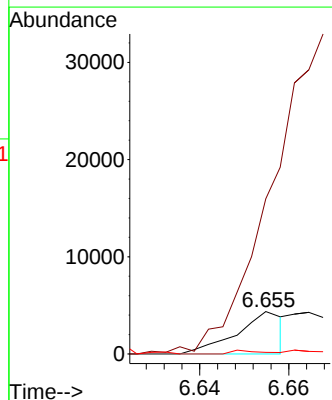
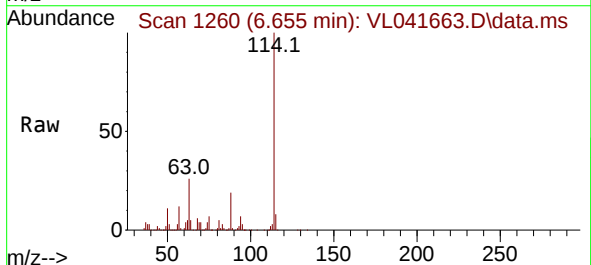
Instrument :
 MSVOA_L
 ClientSampleId :

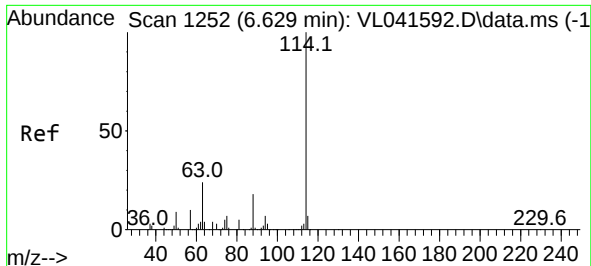
Tgt Ion: 43	Resp: 2295
Ion Ratio	Lower Upper
43 100	
86 18.0	4.9 7.3#
42 0.0	8.0 12.0#
44 7.7	6.1 9.1



#30
 Cyclohexane
 Concen: 0.043 ppbv
 RT: 6.655 min Scan# 1260
 Delta R.T. 0.077 min
 Lab File: VL041663.D
 Acq: 14 Oct 2024 11:41

Tgt Ion: 84	Resp: 3132		
Ion Ratio	Lower	Upper	
84 100			
56 0.0	111.5	167.3#	
41 12.7	70.9	106.3#	





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.671 min Scan# 11

Delta R.T. 0.042 min

Lab File: VL041663.D

Acq: 14 Oct 2024 11:41

Instrument :

MSVOA_L

ClientSampleId :

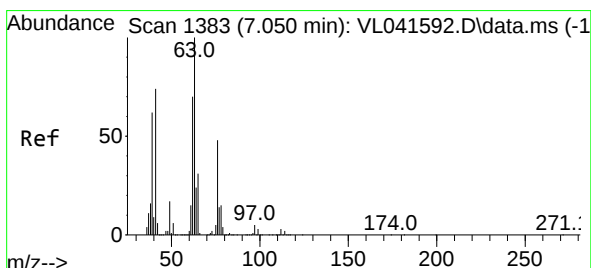
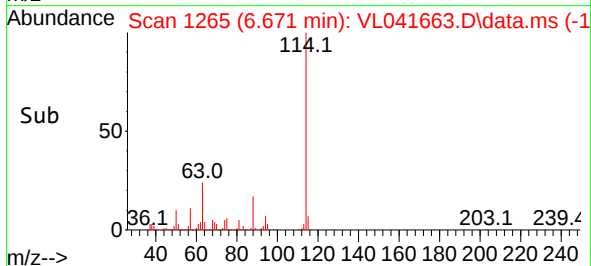
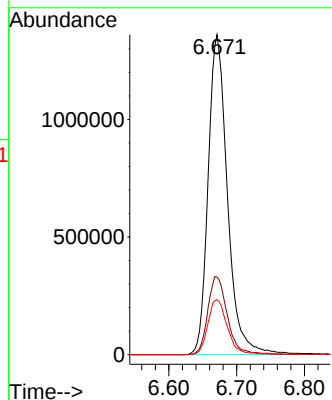
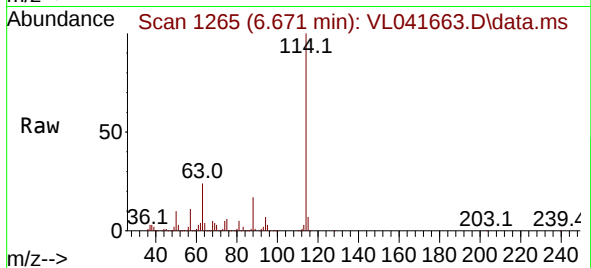
Tgt Ion:114 Resp: 2688648

Ion Ratio Lower Upper

114 100

63 25.0 20.2 30.2

88 17.6 14.2 21.4



#39

1,2-Dichloropropane

Concen: 8.734 ppbv

RT: 6.668 min Scan# 1264

Delta R.T. -0.382 min

Lab File: VL041663.D

Acq: 14 Oct 2024 11:41

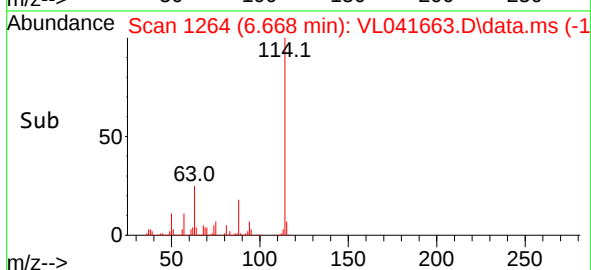
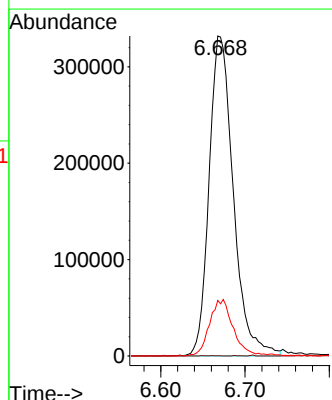
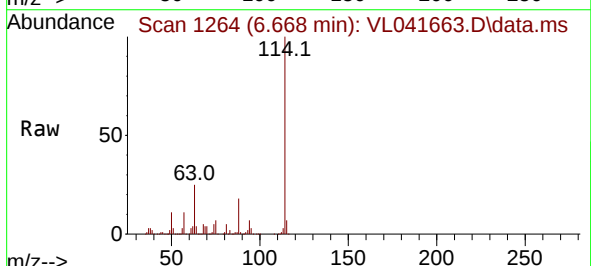
Tgt Ion: 63 Resp: 663470

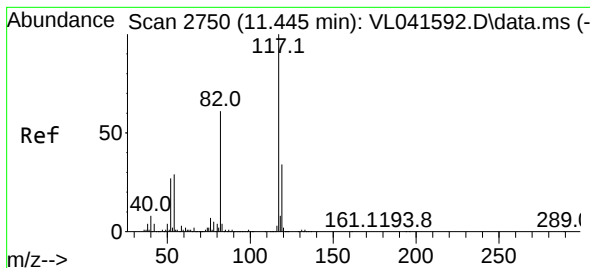
Ion Ratio Lower Upper

63 100

41 0.1 59.5 89.3#

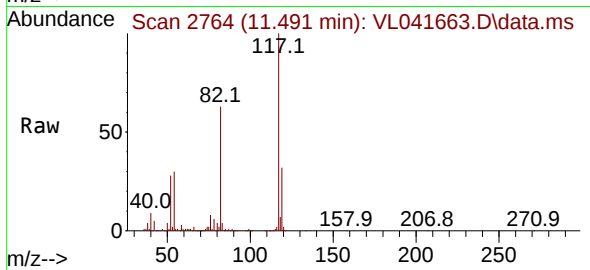
62 17.3 56.2 84.2#



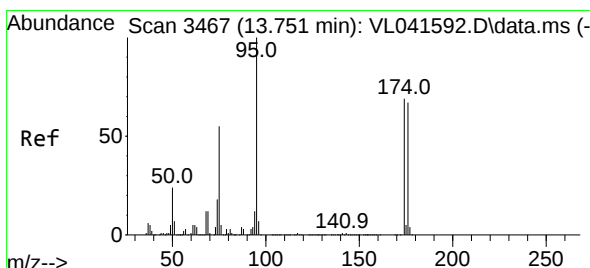
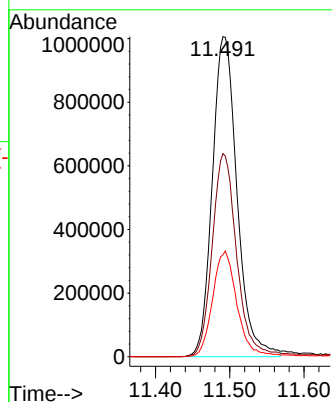
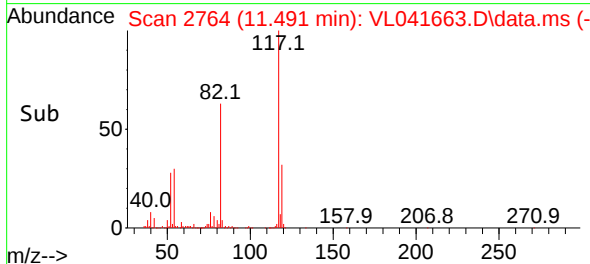


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.491 min Scan# 21
Delta R.T. 0.045 min
Lab File: VL041663.D
Acq: 14 Oct 2024 11:41

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 117 Resp: 2332708
Ion Ratio Lower Upper
117 100
82 64.5 49.4 74.2
119 33.3 24.4 36.6



#68
1-Bromo-4-Fluorobenzene
Concen: 9.460 ppbv
RT: 13.802 min Scan# 3483
Delta R.T. 0.052 min
Lab File: VL041663.D
Acq: 14 Oct 2024 11:41

Tgt Ion: 95 Resp: 1624426
Ion Ratio Lower Upper
95 100
174 72.4 55.8 83.8
175 5.1 4.1 6.1

