

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062624\
 Data File : VL041363.D
 Acq On : 26 Jun 2024 17:43
 Operator : SY/MD
 Sample : QC061324 CAN 10410
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 27 09:19:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jun 27 09:18:04 2024
 Response via : Initial Calibration

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

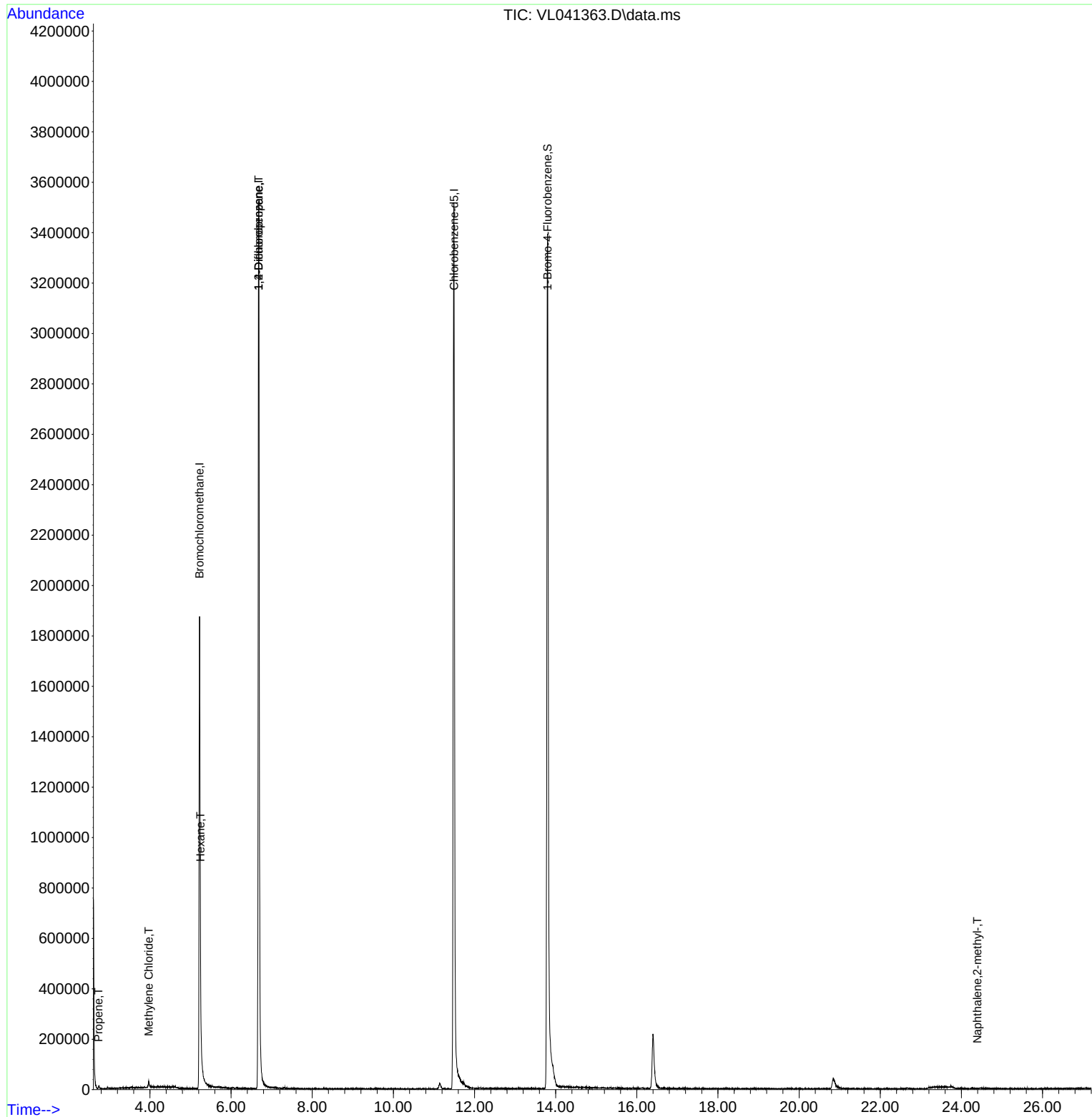
Internal Standards						
1) Bromochloromethane	5.221	49	1030069	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.681	114	2763413	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.494	117	2377349	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.799	95	1851640	10.392	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.900%
Target Compounds						
					Qvalue	
9) Propene	2.732	41	4895	0.080	ppbv	91
20) Methylene Chloride	3.970	84	5947	0.120	ppbv #	83
26) Hexane	5.243	57	4483	0.040	ppbv #	40
39) 1,2-Dichloropropane	6.681	63	688814	7.794	ppbv #	23
80) Naphthalene,2-methyl-	24.394	142	32	0.076	ppbv #	1

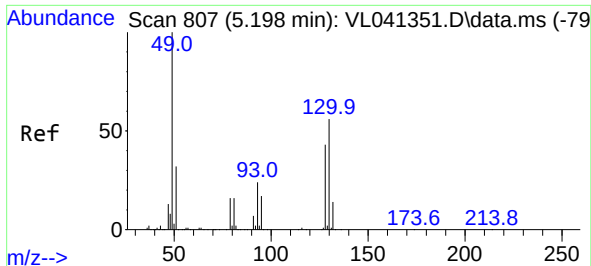
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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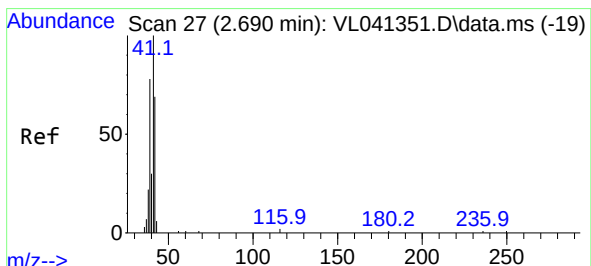
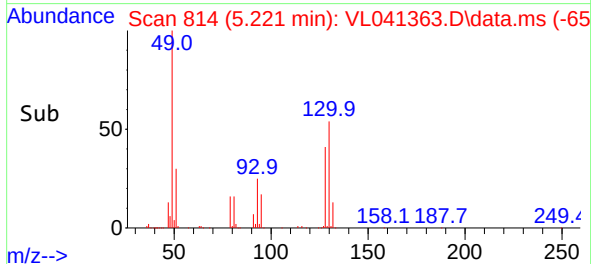
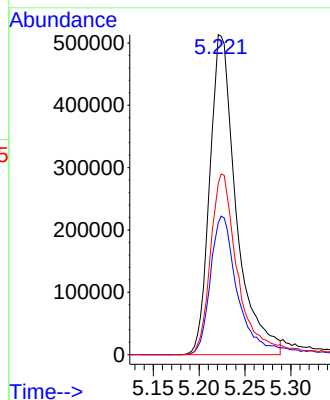
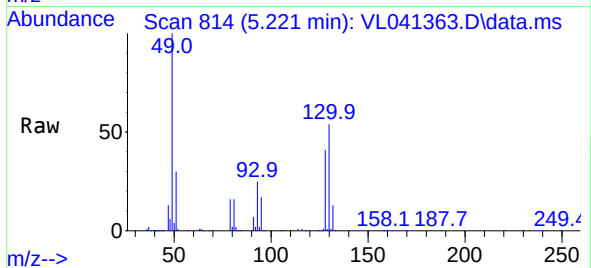




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.221 min Scan# 81
Delta R.T. 0.020 min
Lab File: VL041363.D
Acq: 26 Jun 2024 17:43

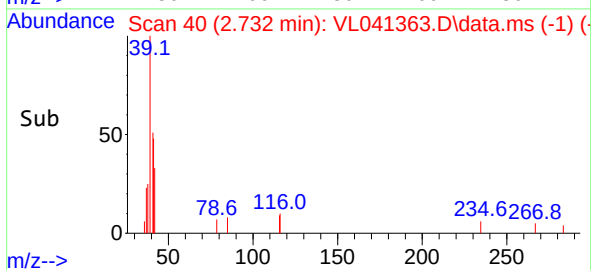
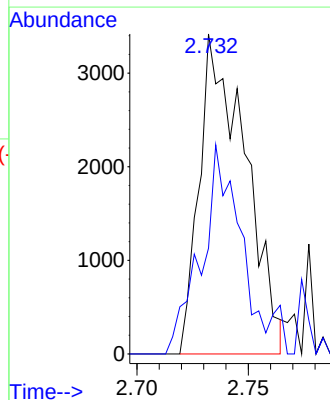
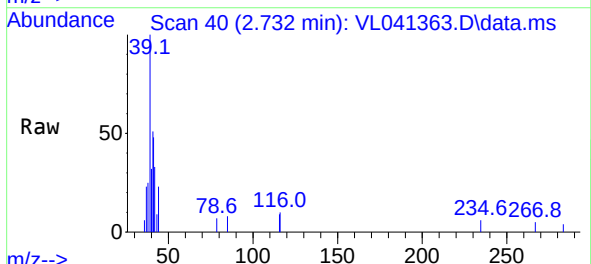
Instrument :
MSVOA_L
ClientSampleId :

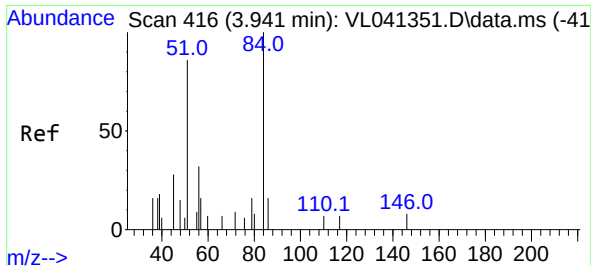
Tgt Ion: 49 Resp: 1030069
Ion Ratio Lower Upper
49 100
128 47.1 22.8 68.3
130 61.2 28.9 86.7



#9
Propene
Concen: 0.080 ppbv
RT: 2.732 min Scan# 40
Delta R.T. 0.039 min
Lab File: VL041363.D
Acq: 26 Jun 2024 17:43

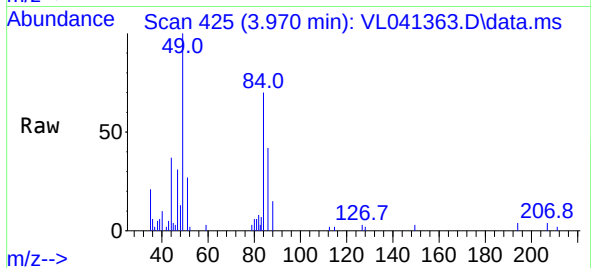
Tgt Ion: 41 Resp: 4895
Ion Ratio Lower Upper
41 100
42 62.7 55.8 83.8





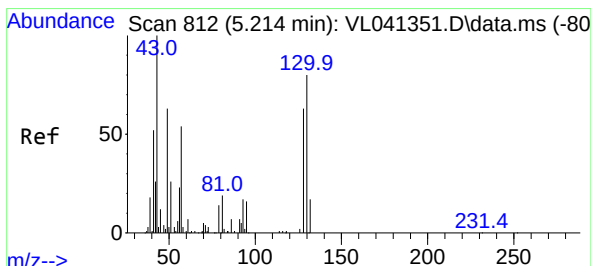
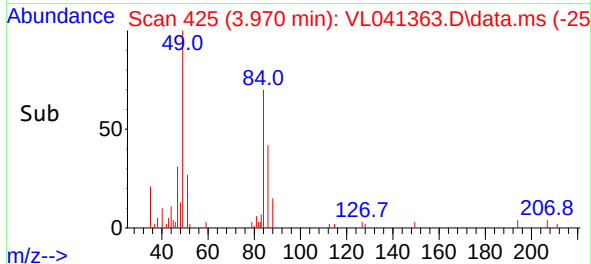
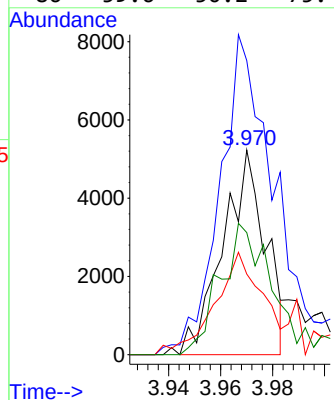
#20
Methylene Chloride
Concen: 0.120 ppbv
RT: 3.970 min Scan# 416
Delta R.T. 0.032 min
Lab File: VL041363.D
Acq: 26 Jun 2024 17:43

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 84 Resp: 5947

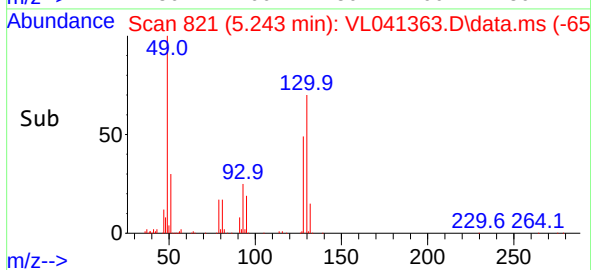
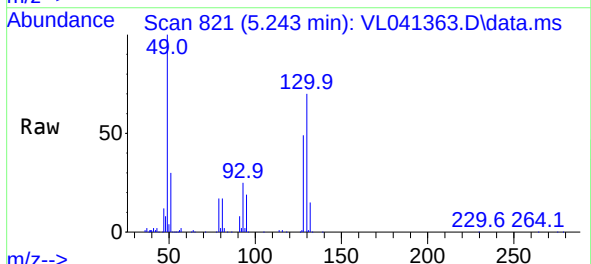
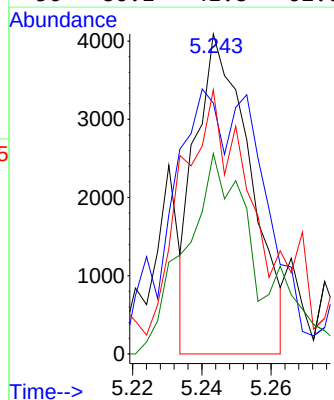
Ion	Ratio	Lower	Upper
84	100		
49	138.9	131.8	197.6
51	33.6	39.6	59.4#
86	59.6	50.2	75.4

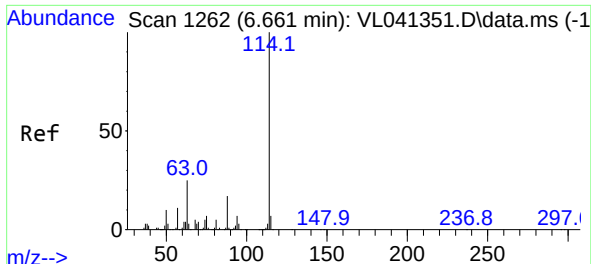


#26
Hexane
Concen: 0.040 ppbv
RT: 5.243 min Scan# 821
Delta R.T. 0.023 min
Lab File: VL041363.D
Acq: 26 Jun 2024 17:43

Tgt Ion: 57 Resp: 4483

Ion	Ratio	Lower	Upper
57	100		
41	161.1	73.7	110.5#
43	133.2	182.2	273.2#
56	86.1	41.8	62.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.681 min Scan# 1268

Delta R.T. 0.013 min

Lab File: VL041363.D

Acq: 26 Jun 2024 17:43

Instrument :

MSVOA_L

ClientSampleId :

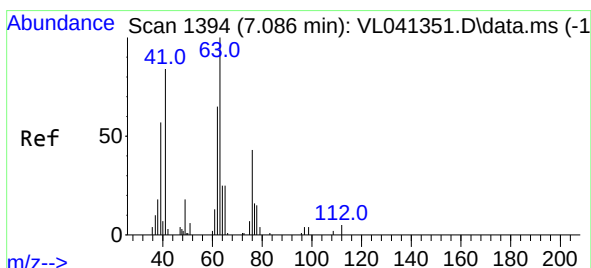
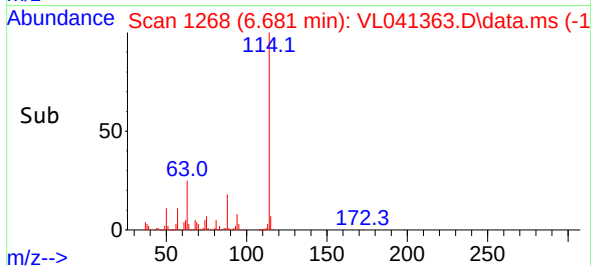
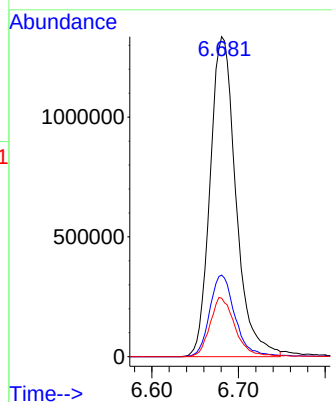
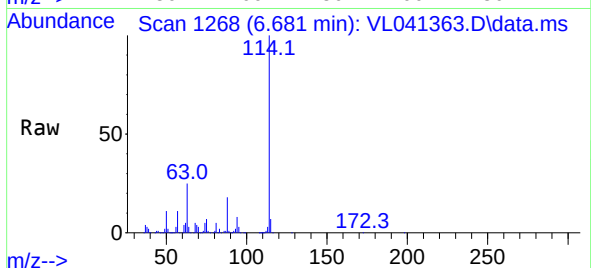
Tgt Ion:114 Resp: 2763413

Ion Ratio Lower Upper

114 100

63 25.6 20.6 31.0

88 18.2 14.6 21.8



#39

1,2-Dichloropropane

Concen: 7.794 ppbv

RT: 6.681 min Scan# 1268

Delta R.T. -0.408 min

Lab File: VL041363.D

Acq: 26 Jun 2024 17:43

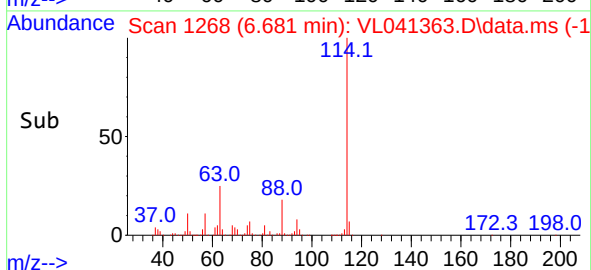
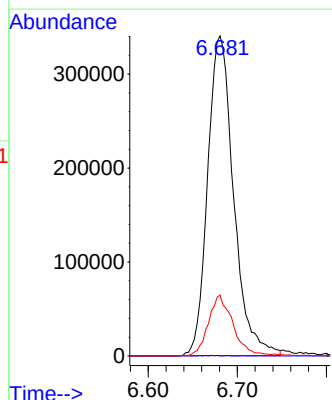
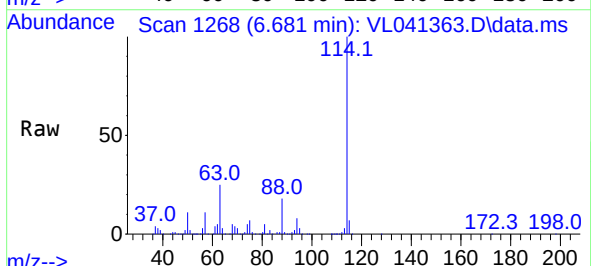
Tgt Ion: 63 Resp: 688814

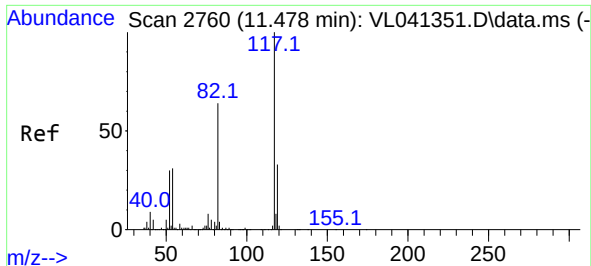
Ion Ratio Lower Upper

63 100

41 0.0 64.0 96.0#

62 19.1 55.2 82.8#

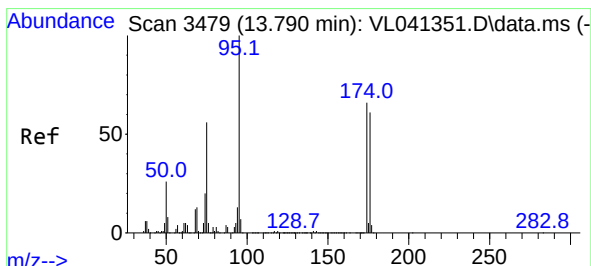
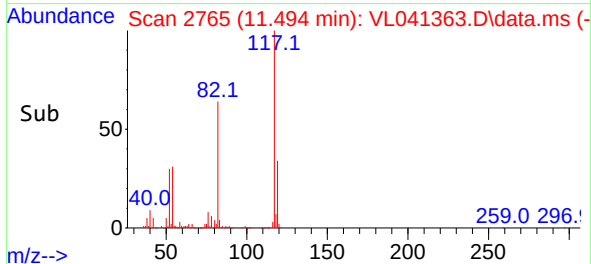
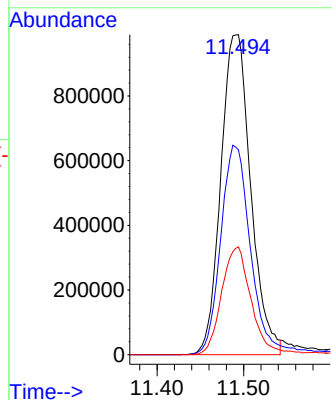
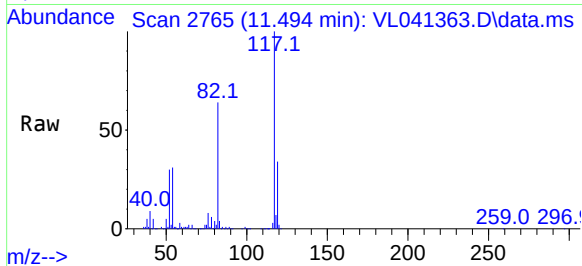




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.494 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL041363.D
Acq: 26 Jun 2024 17:43

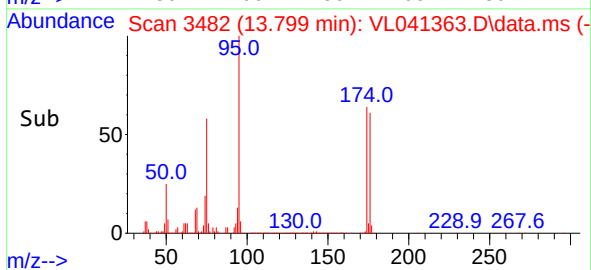
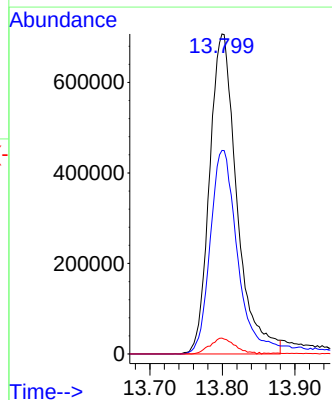
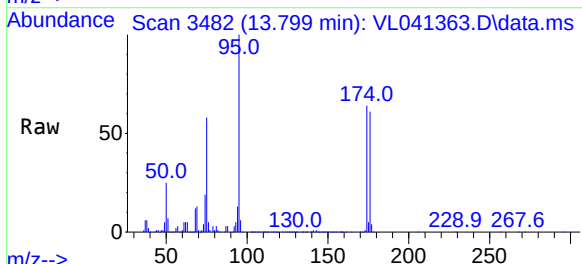
Instrument :
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ClientSampleId :

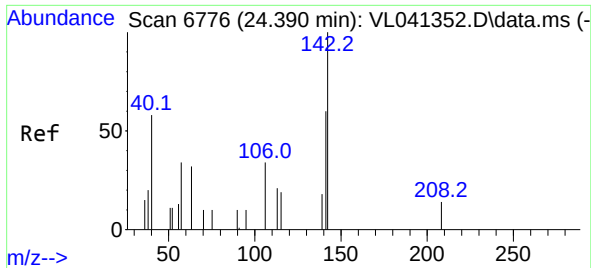
Tgt Ion:117 Resp: 2377349
Ion Ratio Lower Upper
117 100
82 67.5 50.6 75.8
119 34.5 24.7 37.1



#68
1-Bromo-4-Fluorobenzene
Concen: 10.392 ppbv
RT: 13.799 min Scan# 3482
Delta R.T. 0.007 min
Lab File: VL041363.D
Acq: 26 Jun 2024 17:43

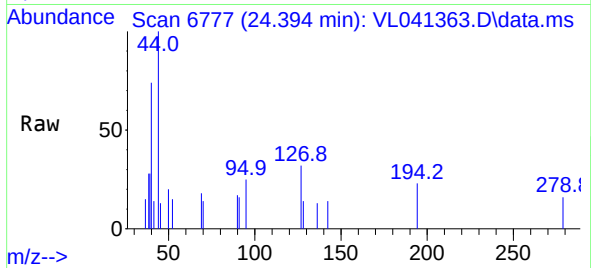
Tgt Ion: 95 Resp: 1851640
Ion Ratio Lower Upper
95 100
174 67.4 53.1 79.7
175 4.6 4.0 6.0





#80
Naphthalene, 2-methyl-
Concen: 0.076 ppbv
RT: 24.394 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL041363.D
Acq: 26 Jun 2024 17:43

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:142 Resp: 32
Ion Ratio Lower Upper
142 100
141 0.0 37.9 56.9#
115 196.9 11.0 16.4#

