

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062624\
 Data File : VL041362.D
 Acq On : 26 Jun 2024 17:00
 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 09:19:18 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)

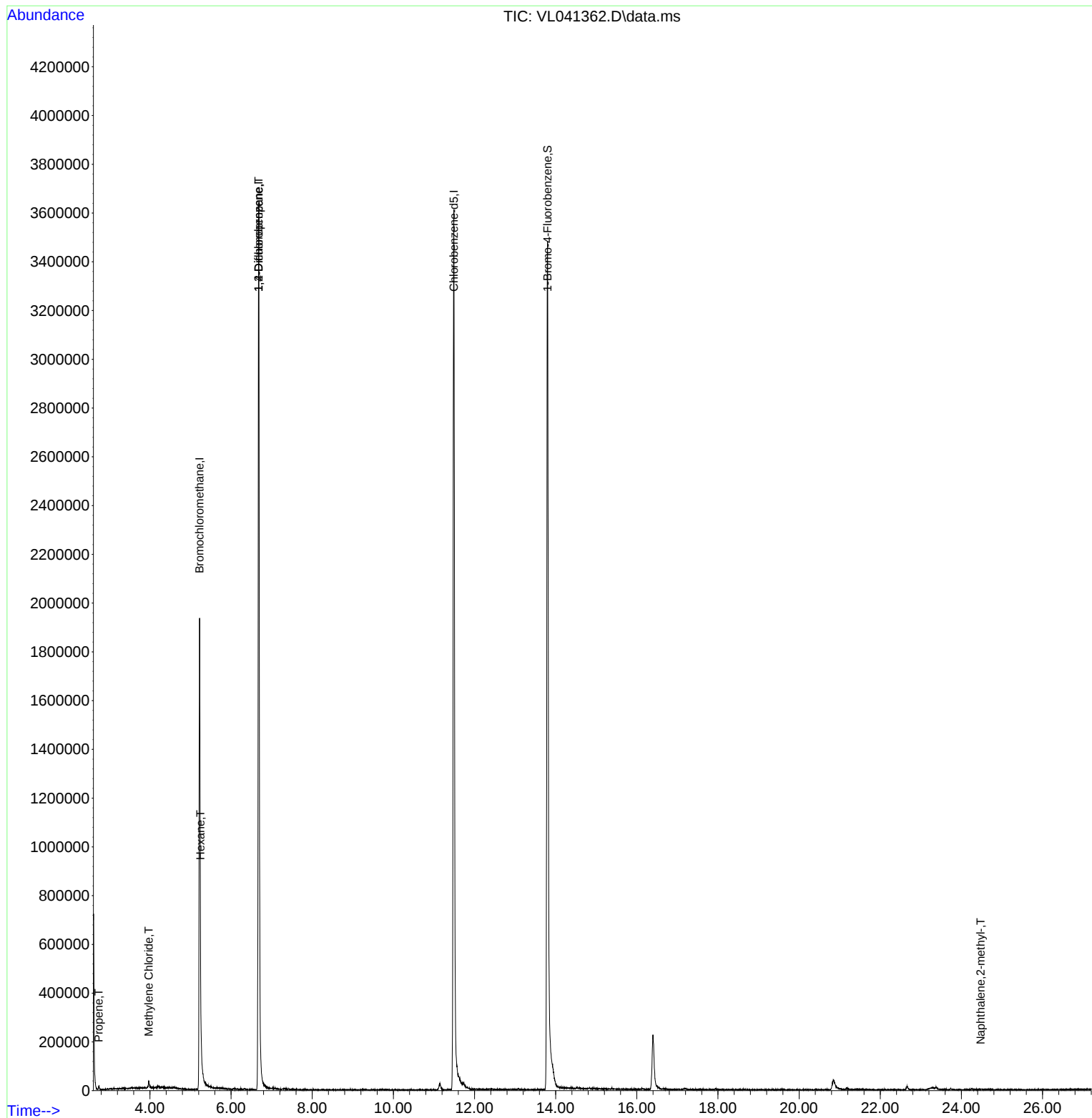
Internal Standards						
1) Bromochloromethane	5.224	49	1066012	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.681	114	2879029	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.491	117	2472799	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.799	95	1841083	9.934	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.300%
Target Compounds						
9) Propene	2.735	41	3249	0.051	ppbv #	52
20) Methylene Chloride	3.970	84	8492	0.166	ppbv #	81
26) Hexane	5.243	57	6563	0.057	ppbv #	43
39) 1,2-Dichloropropane	6.681	63	718002	7.798	ppbv #	23
80) Naphthalene,2-methyl-	24.474	142	41	0.093	ppbv #	1

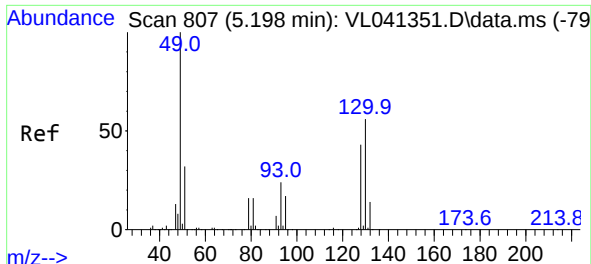
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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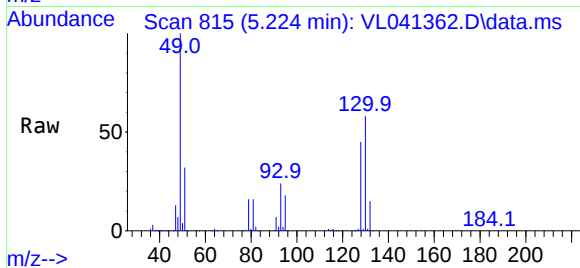
Quant Time: Jun 27 09:19:18 2024
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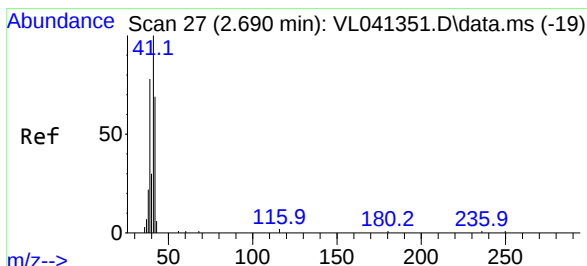
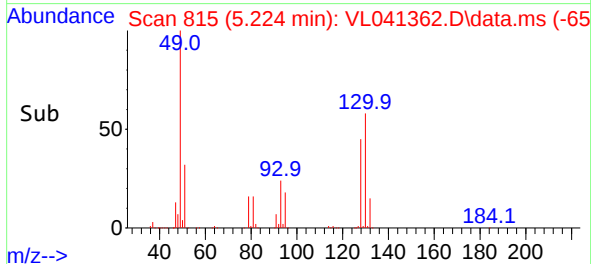
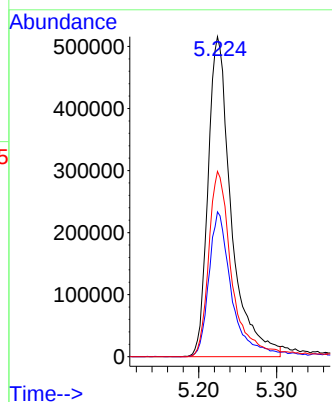


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.224 min Scan# 81
Delta R.T. 0.023 min
Lab File: VL041362.D
Acq: 26 Jun 2024 17:00

Instrument :
MSVOA_L
ClientSampleId :

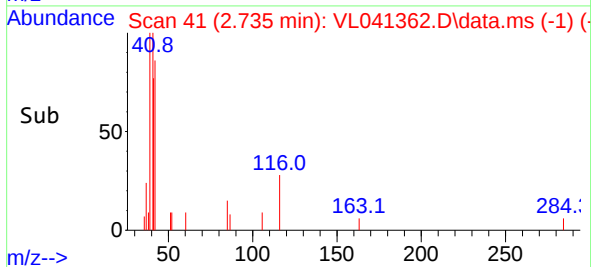
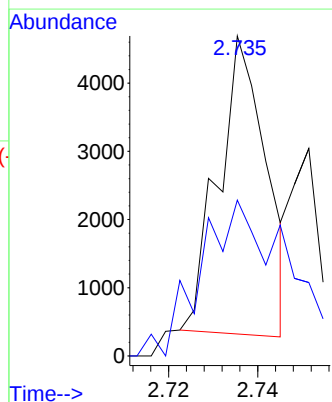
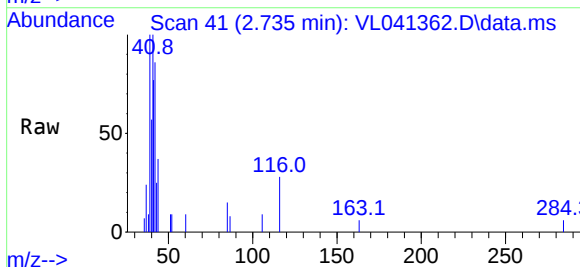


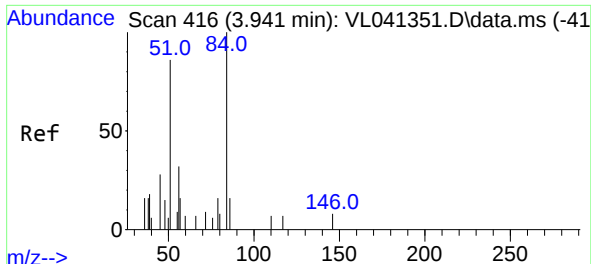
Tgt Ion: 49 Resp: 1066012
Ion Ratio Lower Upper
49 100
128 46.6 22.8 68.3
130 59.8 28.9 86.7



#9
Propene
Concen: 0.051 ppbv
RT: 2.735 min Scan# 41
Delta R.T. 0.042 min
Lab File: VL041362.D
Acq: 26 Jun 2024 17:00

Tgt Ion: 41 Resp: 3249
Ion Ratio Lower Upper
41 100
42 108.8 55.8 83.8



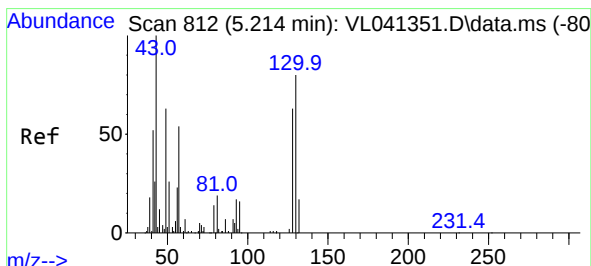
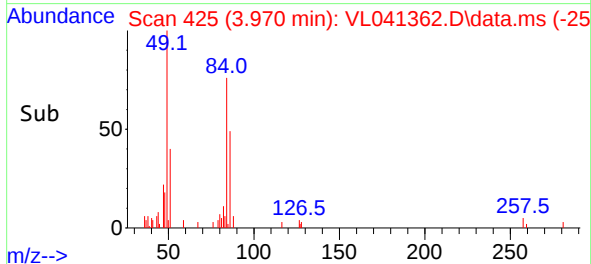
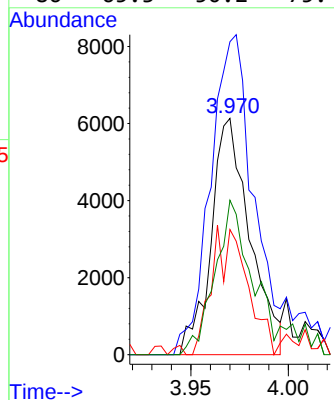
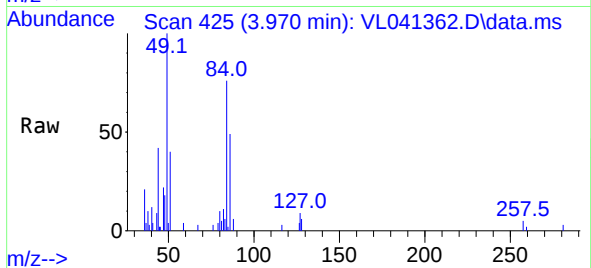


#20
Methylene Chloride
Concen: 0.166 ppbv
RT: 3.970 min Scan# 41
Delta R.T. 0.032 min
Lab File: VL041362.D
Acq: 26 Jun 2024 17:00

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 8492

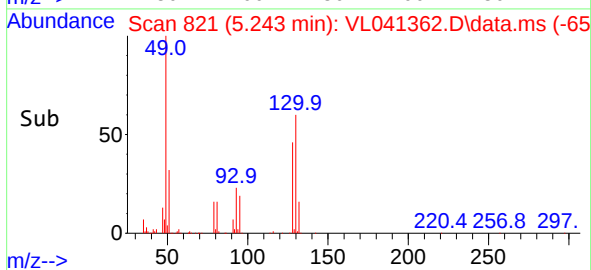
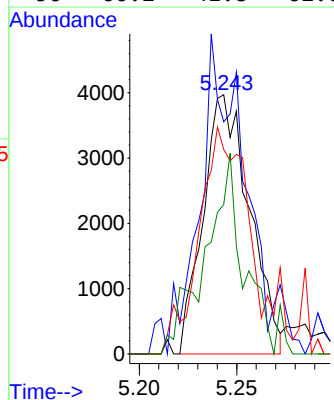
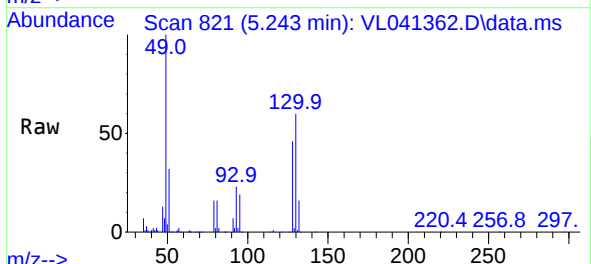
Ion	Ratio	Lower	Upper
84	100		
49	123.8	131.8	197.6#
51	49.0	39.6	59.4
86	65.3	50.2	75.4

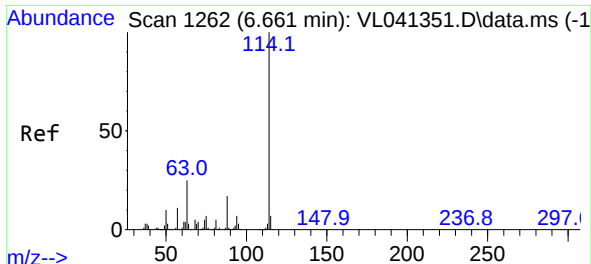


#26
Hexane
Concen: 0.057 ppbv
RT: 5.243 min Scan# 821
Delta R.T. 0.023 min
Lab File: VL041362.D
Acq: 26 Jun 2024 17:00

Tgt Ion: 57 Resp: 6563

Ion	Ratio	Lower	Upper
57	100		
41	131.4	73.7	110.5#
43	109.4	182.2	273.2#
56	66.2	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: VL041362.D

Acq: 26 Jun 2024 17:00

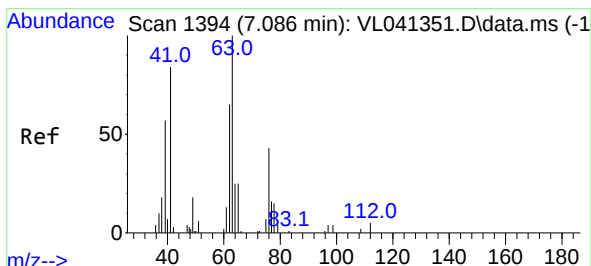
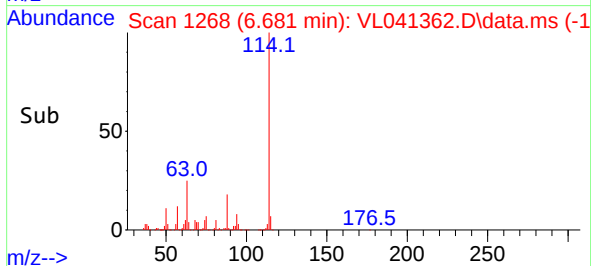
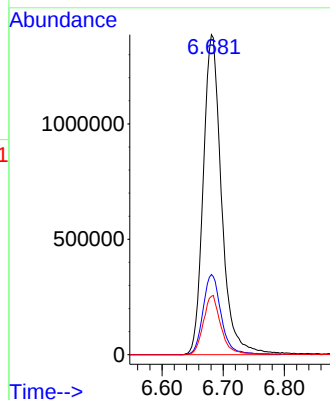
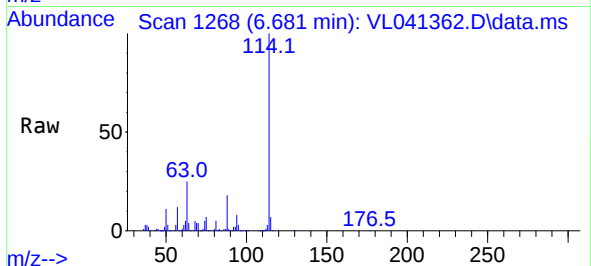
Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:114 Resp: 2879029

Ion	Ratio	Lower	Upper
114	100		
63	25.1	20.6	31.0
88	18.1	14.6	21.8



#39

1,2-Dichloropropane

Concen: 7.798 ppbv

RT: 6.681 min Scan# 1268

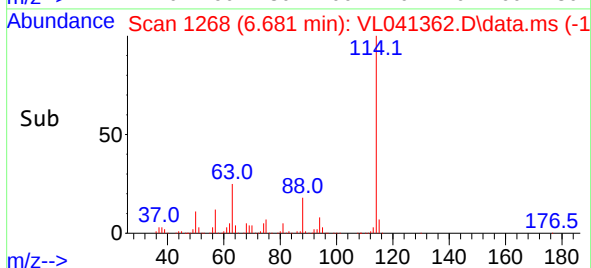
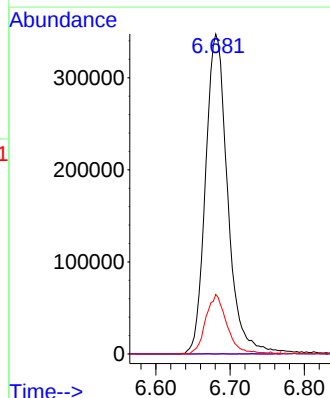
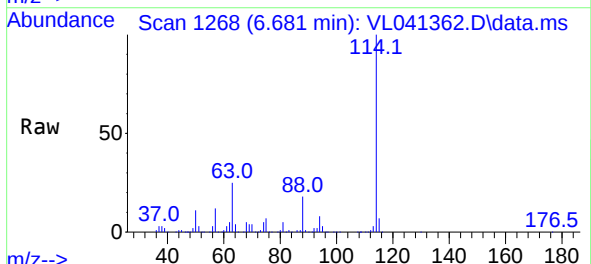
Delta R.T. -0.408 min

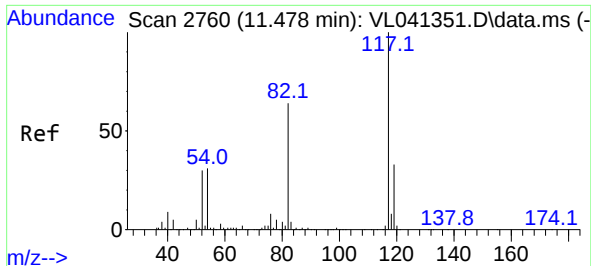
Lab File: VL041362.D

Acq: 26 Jun 2024 17:00

Tgt Ion: 63 Resp: 718002

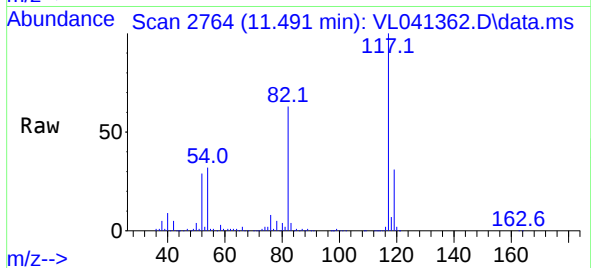
Ion	Ratio	Lower	Upper
63	100		
41	0.0	64.0	96.0#
62	18.5	55.2	82.8#



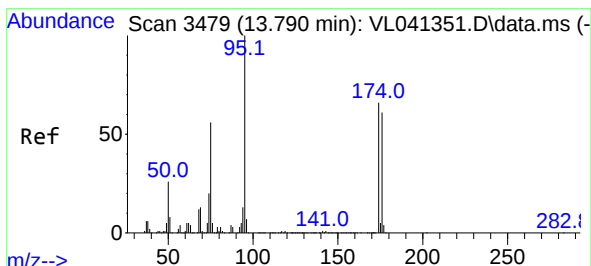
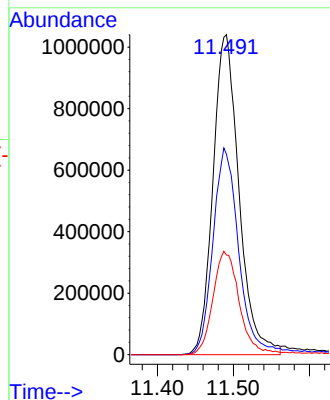
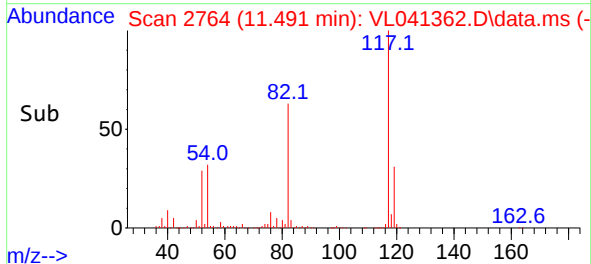


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.491 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL041362.D
Acq: 26 Jun 2024 17:00

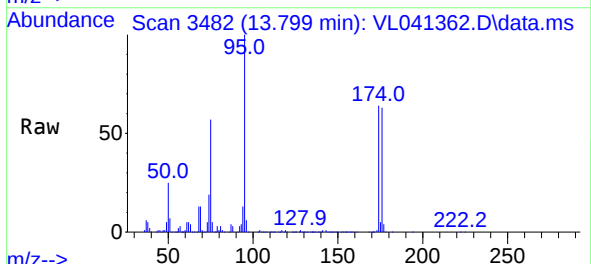
Instrument :
MSVOA_L
ClientSampleId :



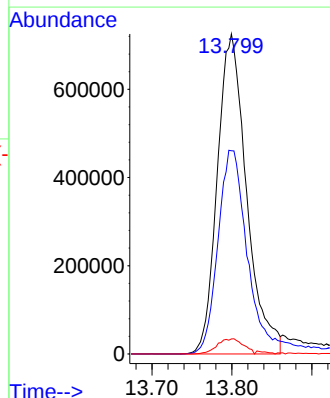
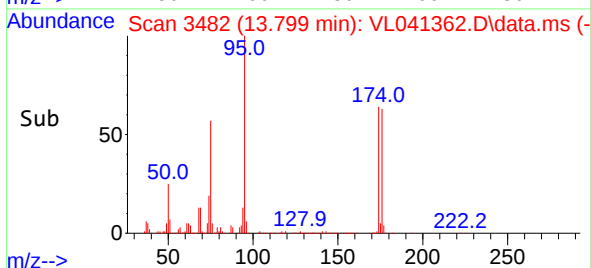
Tgt Ion:117 Resp: 2472799
Ion Ratio Lower Upper
117 100
82 66.4 50.6 75.8
119 33.9 24.7 37.1

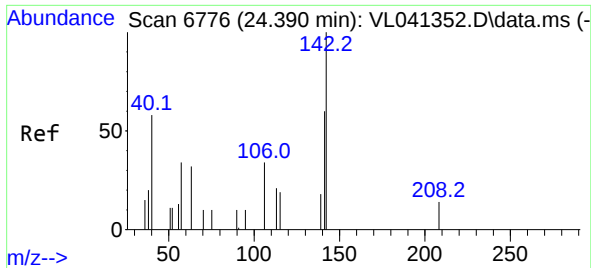


#68
1-Bromo-4-Fluorobenzene
Concen: 9.934 ppbv
RT: 13.799 min Scan# 3482
Delta R.T. 0.007 min
Lab File: VL041362.D
Acq: 26 Jun 2024 17:00



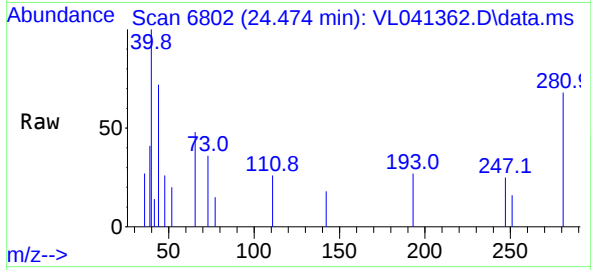
Tgt Ion: 95 Resp: 1841083
Ion Ratio Lower Upper
95 100
174 69.0 53.1 79.7
175 4.8 4.0 6.0





#80
Naphthalene, 2-methyl-
Concen: 0.093 ppbv
RT: 24.474 min Scan# 61
Delta R.T. 0.084 min
Lab File: VL041362.D
Acq: 26 Jun 2024 17:00

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:	142	Resp:	41
Ion	Ratio	Lower	Upper
142	100		
141	0.0	37.9	56.9#
115	202.4	11.0	16.4#

