

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032425\
 Data File : VY021620.D
 Acq On : 24 Mar 2025 16:01
 Operator : SY/MD
 Sample : Q1624-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-03212025

Quant Time: Mar 25 01:31:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

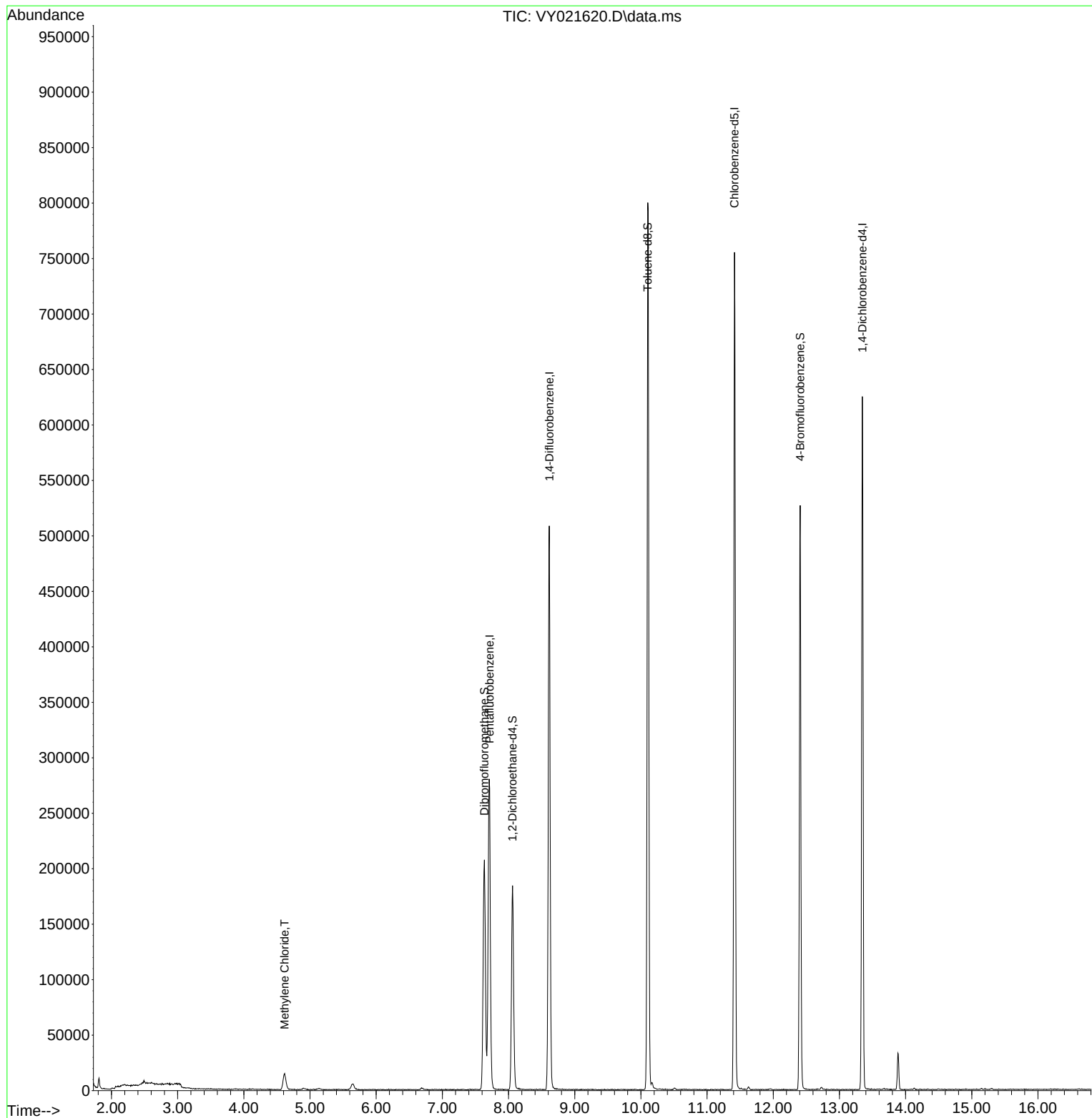
Internal Standards						
1) Pentafluorobenzene	7.713	168	213707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	414700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	386555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	153824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	143614	63.581	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.160%
35) Dibromofluoromethane	7.634	113	146539	53.758	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.520%
50) Toluene-d8	10.103	98	510261	49.439	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.880%
62) 4-Bromofluorobenzene	12.408	95	158086	45.028	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.060%
Target Compounds						Qvalue
20) Methylene Chloride	4.616	84	9861	3.813	ug/l	# 88

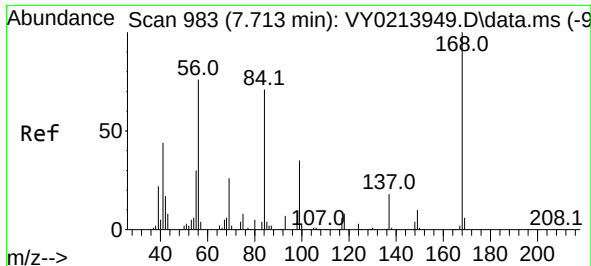
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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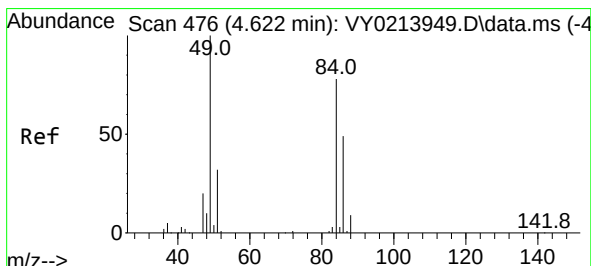
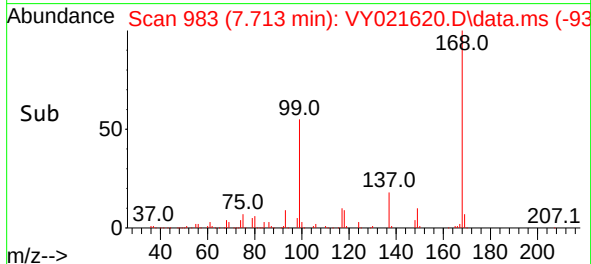
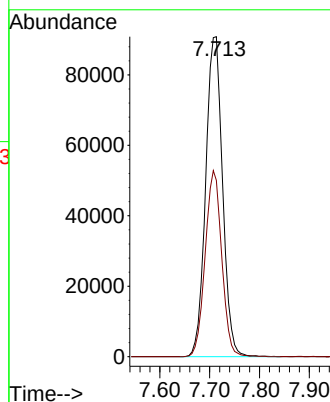
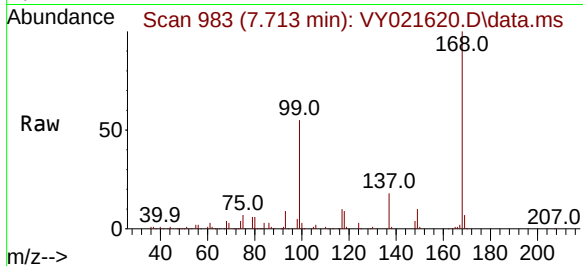




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021620.D
Acq: 24 Mar 2025 16:01

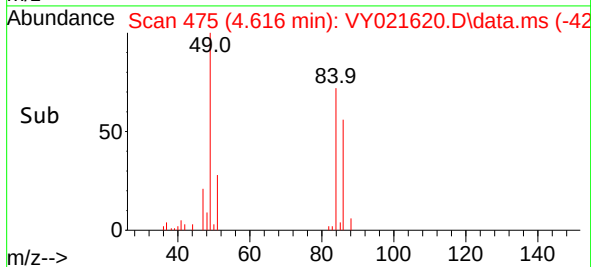
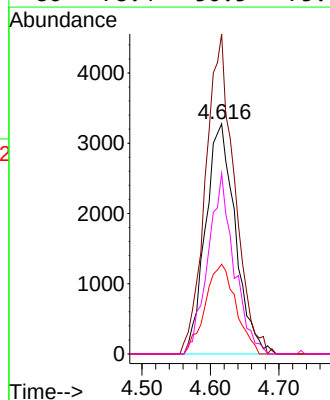
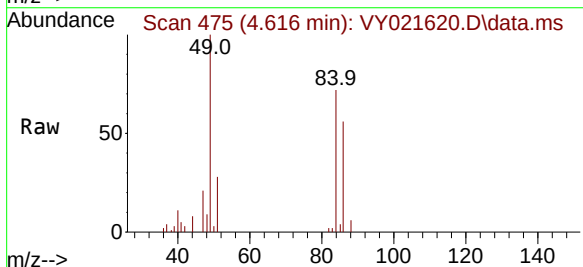
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-03212025

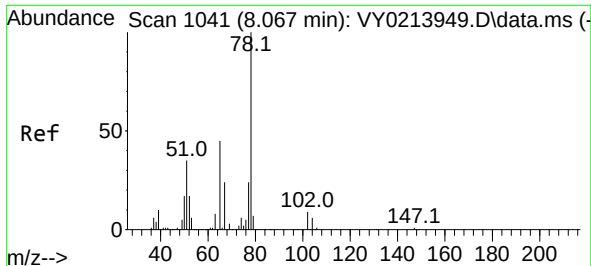
Tgt Ion:168 Resp: 213707
Ion Ratio Lower Upper
168 100
99 55.1 46.0 69.0



#20
Methylene Chloride
Concen: 3.813 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY021620.D
Acq: 24 Mar 2025 16:01

Tgt Ion: 84 Resp: 9861
Ion Ratio Lower Upper
84 100
49 139.1 102.0 153.0
51 39.0 33.0 49.6
86 78.4 50.5 75.7#





#33

1,2-Dichloroethane-d4

Concen: 63.581 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021620.D

Acq: 24 Mar 2025 16:01

Instrument :

MSVOA_Y

ClientSampleId :

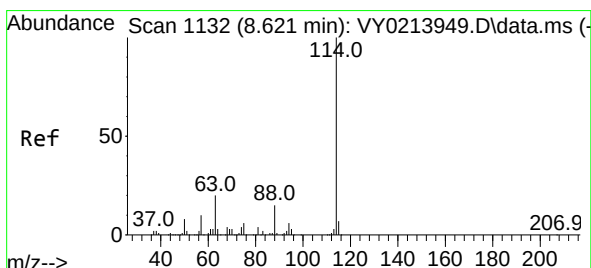
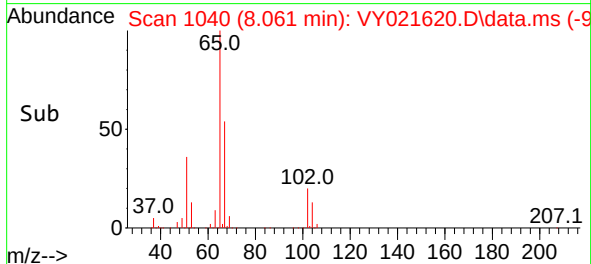
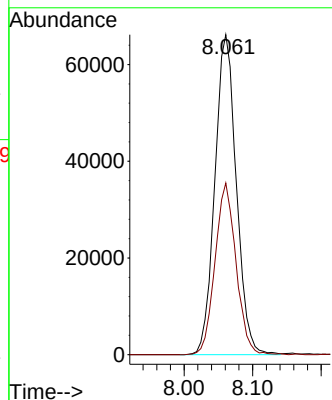
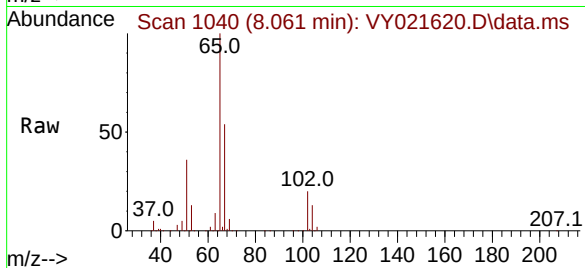
OK-01-03212025

Tgt Ion: 65 Resp: 143614

Ion Ratio Lower Upper

65 100

67 52.5 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021620.D

Acq: 24 Mar 2025 16:01

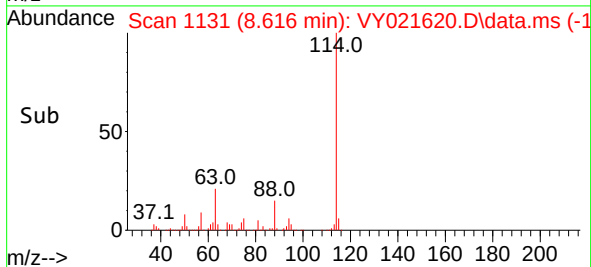
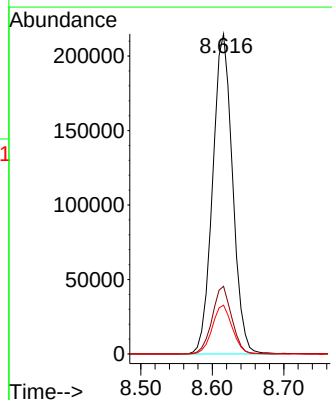
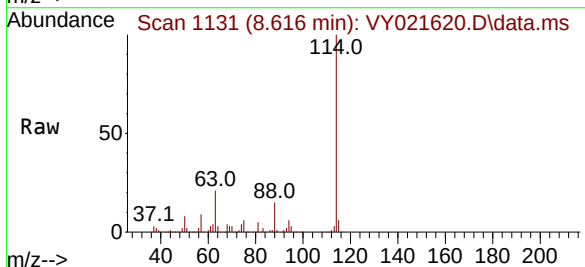
Tgt Ion: 114 Resp: 414700

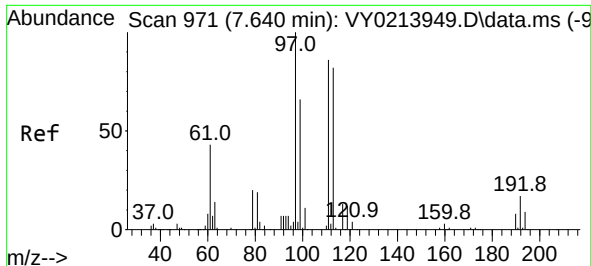
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.8

88 15.2 0.0 30.8

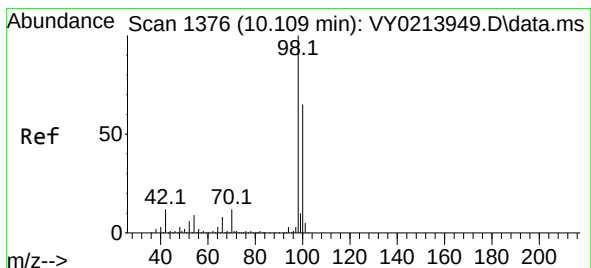
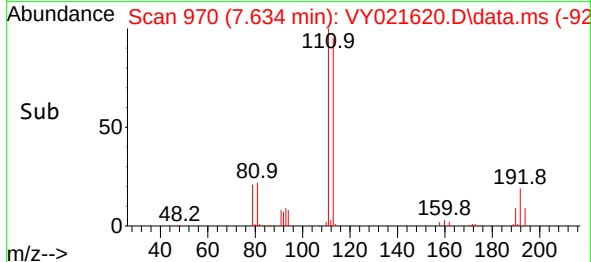
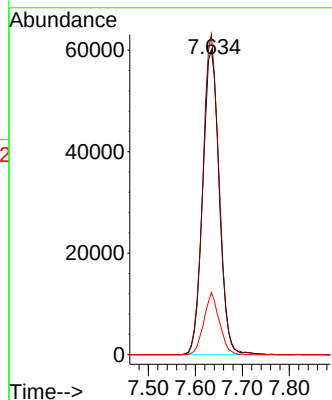
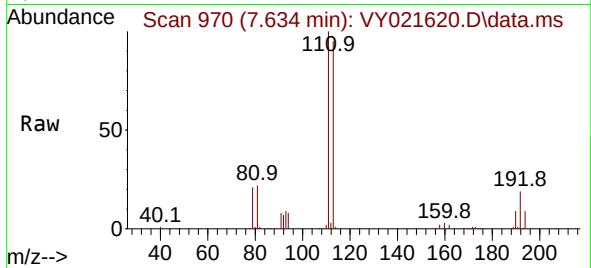




#35
 Dibromofluoromethane
 Concen: 53.758 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VY021620.D
 Acq: 24 Mar 2025 16:01

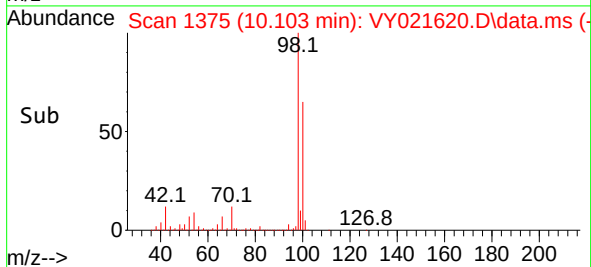
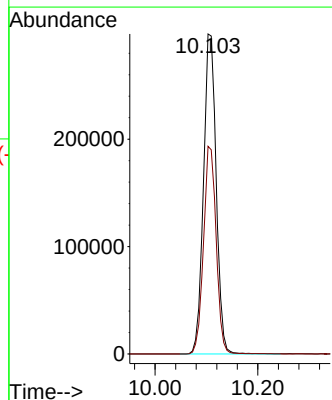
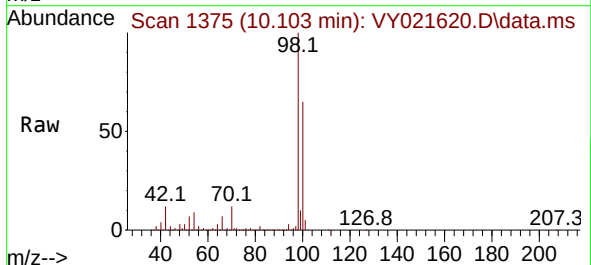
Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-03212025

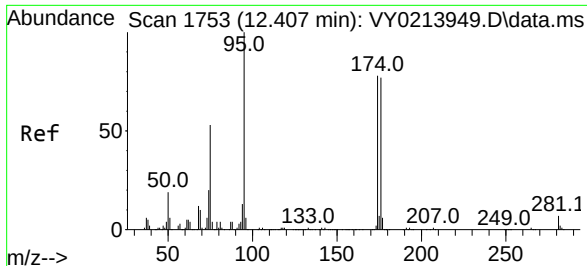
Tgt Ion:113	Resp:	146539	
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.0	123.0
192	19.2	15.9	23.9



#50
 Toluene-d8
 Concen: 49.439 ug/l
 RT: 10.103 min Scan# 1375
 Delta R.T. -0.006 min
 Lab File: VY021620.D
 Acq: 24 Mar 2025 16:01

Tgt Ion: 98	Resp: 510261
Ion Ratio	Lower Upper
98 100	
100 64.7	52.1 78.1





#62

4-Bromofluorobenzene

Concen: 45.028 ug/l

RT: 12.408 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021620.D

Acq: 24 Mar 2025 16:01

Instrument :

MSVOA_Y

ClientSampleId :

OK-01-03212025

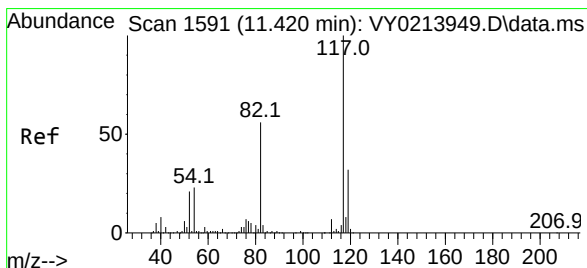
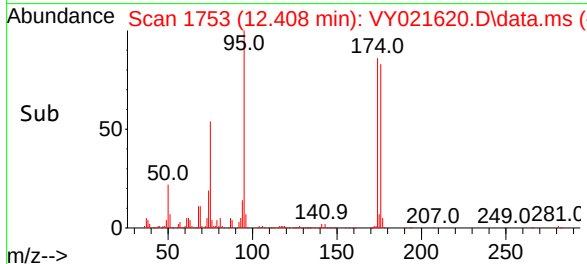
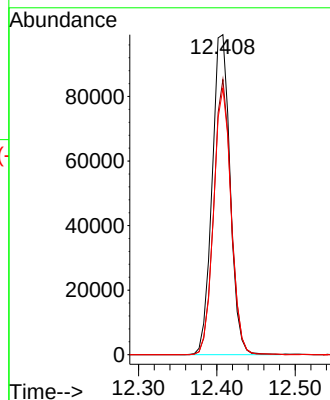
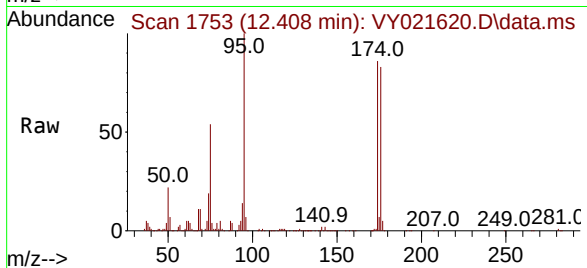
Tgt Ion: 95 Resp: 158086

Ion Ratio Lower Upper

95 100

174 82.8 0.0 165.0

176 81.3 0.0 160.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY021620.D

Acq: 24 Mar 2025 16:01

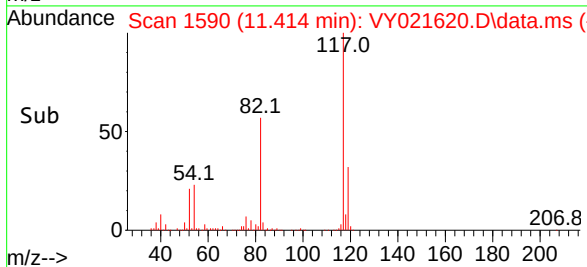
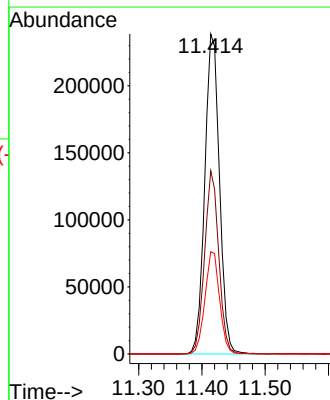
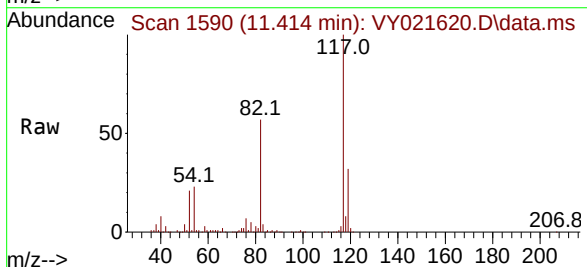
Tgt Ion: 117 Resp: 386555

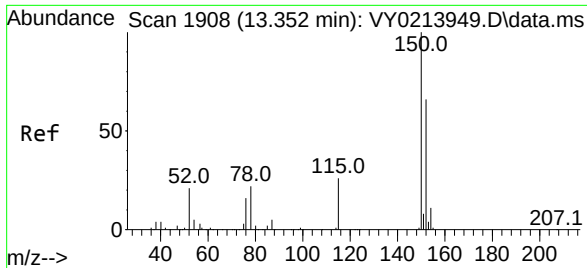
Ion Ratio Lower Upper

117 100

82 57.3 44.6 67.0

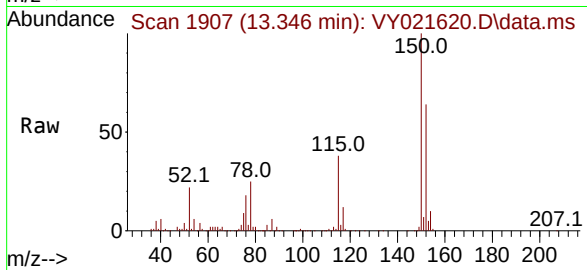
119 32.0 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.006 min
 Lab File: VY021620.D
 Acq: 24 Mar 2025 16:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-03212025



Tgt Ion:152 Resp: 153824
 Ion Ratio Lower Upper
 152 100
 115 58.5 29.0 87.0
 150 156.4 0.0 347.2

