

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032425\
 Data File : VY021619.D
 Acq On : 24 Mar 2025 15:38
 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 01:31:13 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)

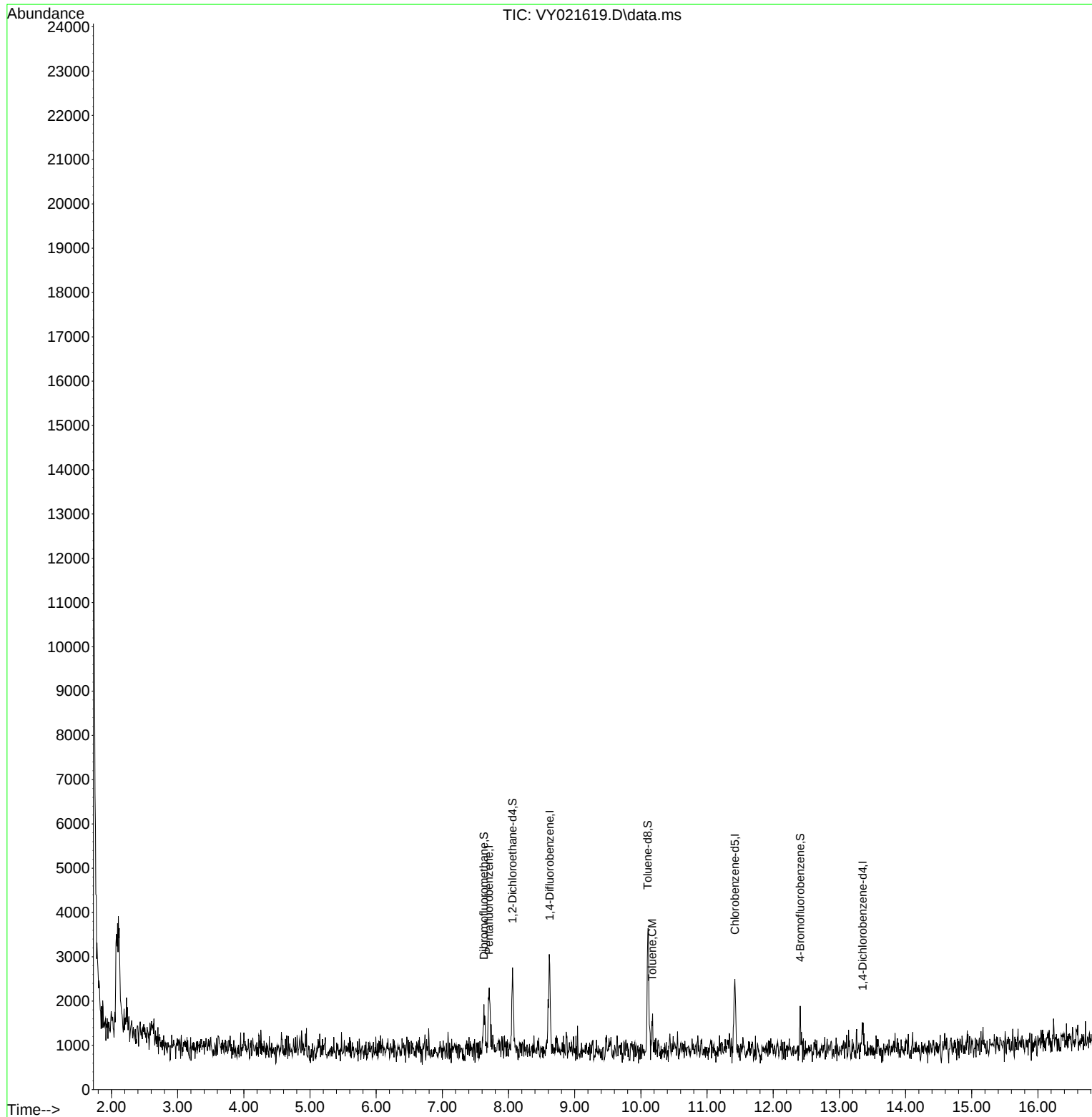
Internal Standards						
1) Pentafluorobenzene	7.701	168	1350	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.622	114	2072	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	214	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	1479	103.654	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	207.300%#	
35) Dibromofluoromethane	7.628	113	728	53.453	ug/l	-0.01
Spiked Amount	50.000	Range 54 - 147	Recovery	=	106.900%	
50) Toluene-d8	10.103	98	1972	38.241	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	76.480%	
62) 4-Bromofluorobenzene	12.408	95	210	11.972	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	23.940%#	
Target Compounds						
52) Toluene	10.170	92	325	8.208	ug/l	Qvalue # 67

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

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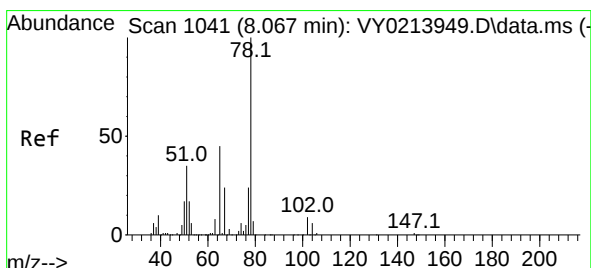
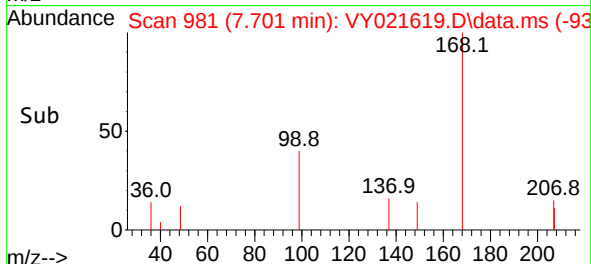
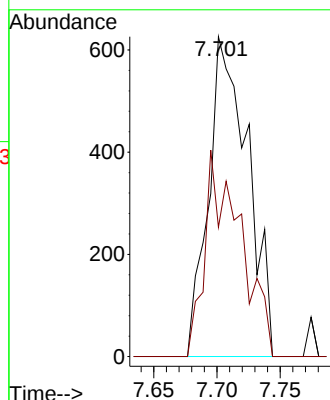
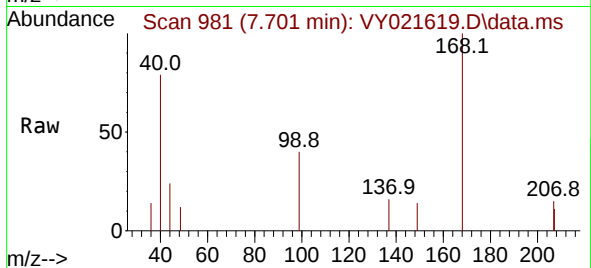




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 99
Delta R.T. -0.012 min
Lab File: VY021619.D
Acq: 24 Mar 2025 15:38

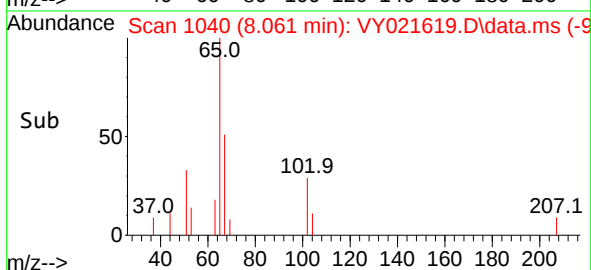
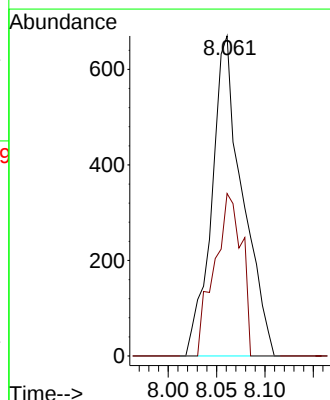
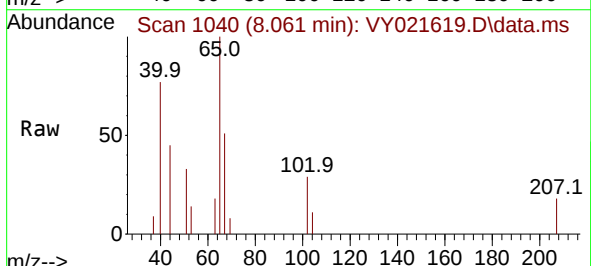
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-03212025

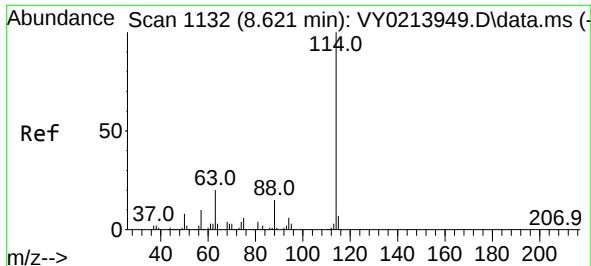
Tgt Ion:168 Resp: 1350
Ion Ratio Lower Upper
168 100
99 40.4 46.0 69.0#



#33
1,2-Dichloroethane-d4
Concen: 103.654 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021619.D
Acq: 24 Mar 2025 15:38

Tgt Ion: 65 Resp: 1479
Ion Ratio Lower Upper
65 100
67 45.2 0.0 102.8

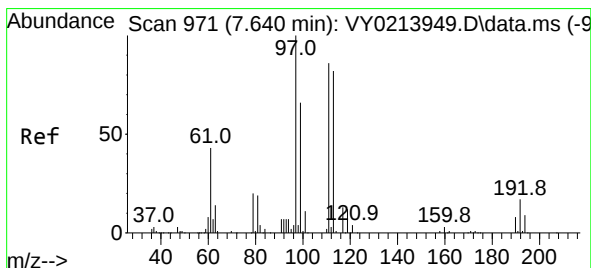
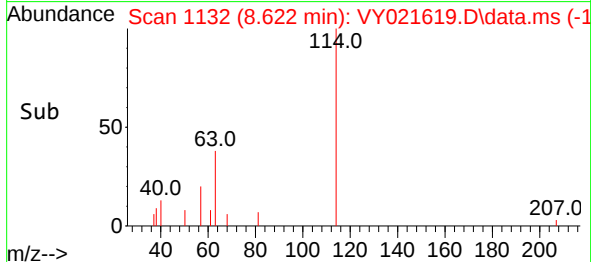
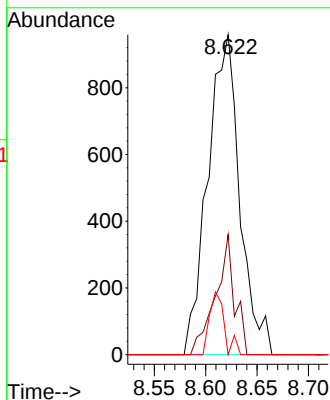
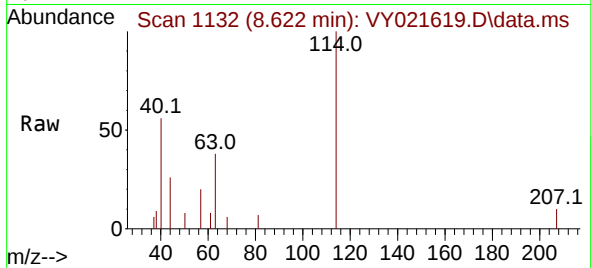




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 1132
 Delta R.T. 0.000 min
 Lab File: VY021619.D
 Acq: 24 Mar 2025 15:38

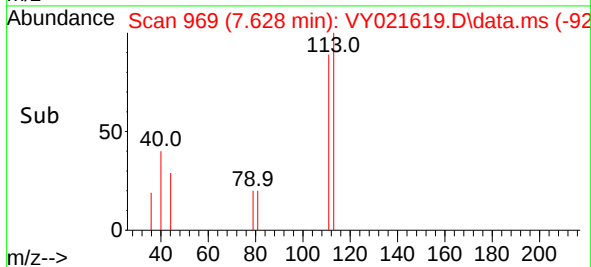
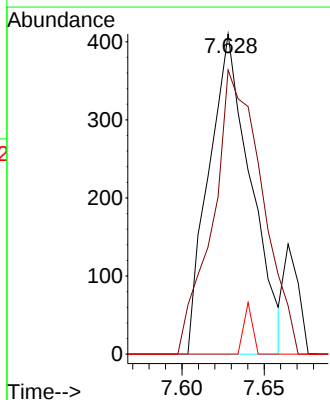
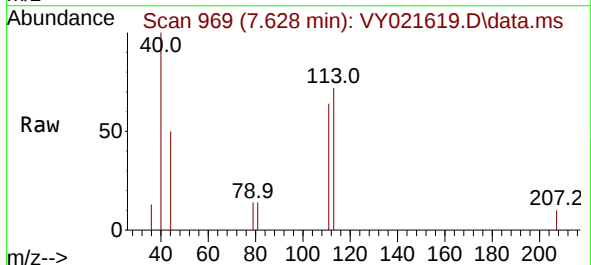
Instrument :
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 ClientSampleId :
 OK-01-03212025

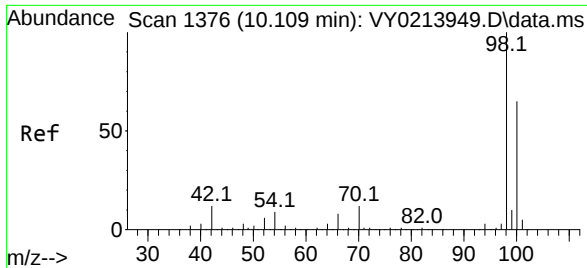
Tgt Ion:	114	Resp:	2072
Ion Ratio	Lower	Upper	
114	100		
63	37.5	0.0	40.8
88	0.0	0.0	30.8



#35
 Dibromofluoromethane
 Concen: 53.453 ug/l
 RT: 7.628 min Scan# 969
 Delta R.T. -0.012 min
 Lab File: VY021619.D
 Acq: 24 Mar 2025 15:38

Tgt Ion:	113	Resp:	728
Ion Ratio	Lower	Upper	
113	100		
111	104.4	82.0	123.0
192	3.3	15.9	23.9

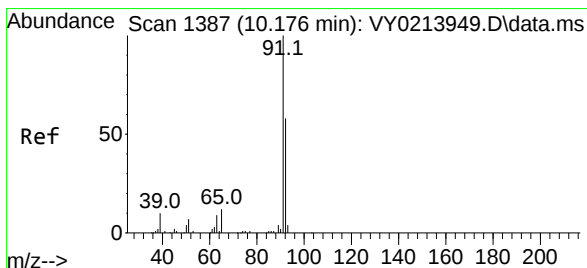
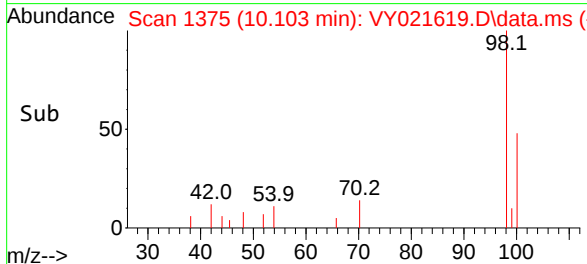
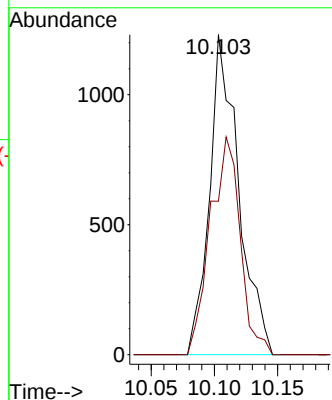
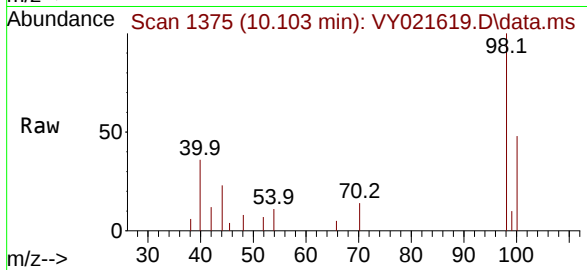




#50
Toluene-d8
Concen: 38.241 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021619.D
Acq: 24 Mar 2025 15:38

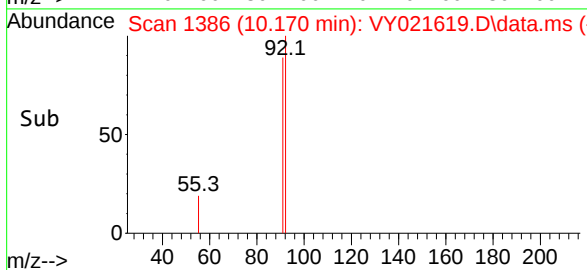
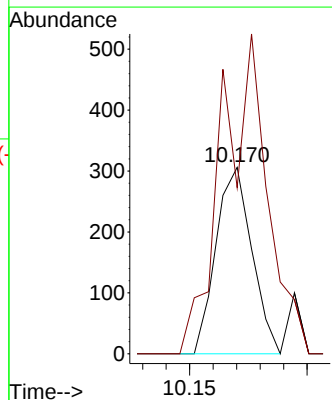
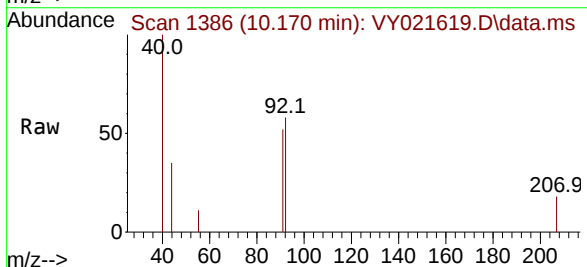
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-03212025

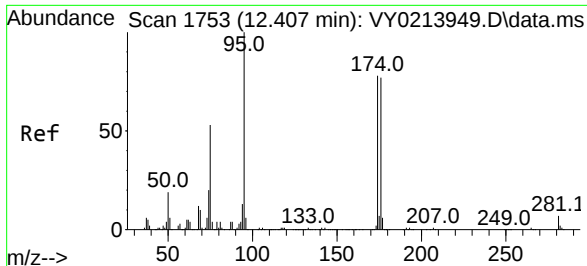
Tgt Ion: 98 Resp: 1972
Ion Ratio Lower Upper
98 100
100 69.6 52.1 78.1



#52
Toluene
Concen: 8.208 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021619.D
Acq: 24 Mar 2025 15:38

Tgt Ion: 92 Resp: 325
Ion Ratio Lower Upper
92 100
91 218.5 138.2 207.2#

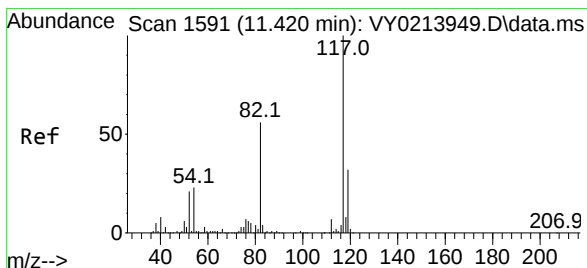
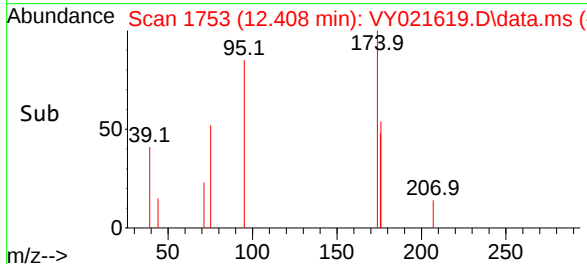
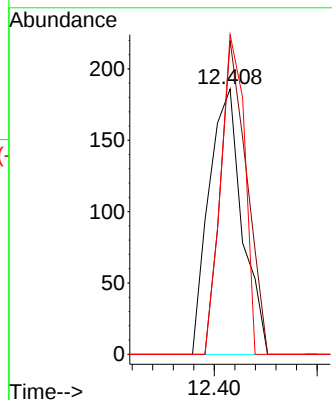
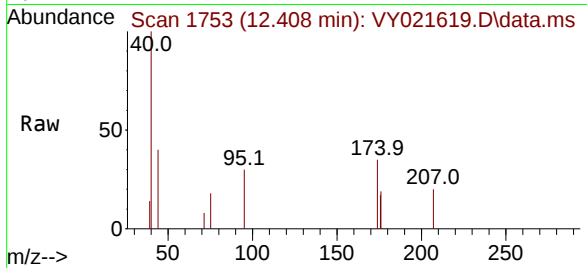




#62
4-Bromofluorobenzene
Concen: 11.972 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021619.D
Acq: 24 Mar 2025 15:38

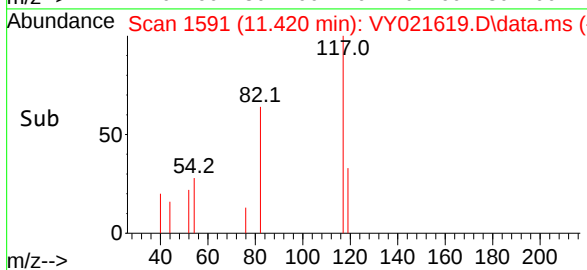
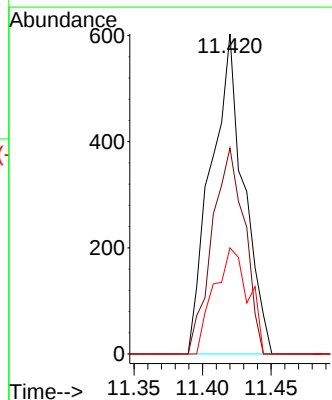
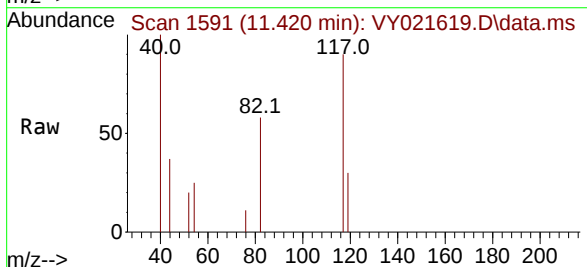
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-03212025

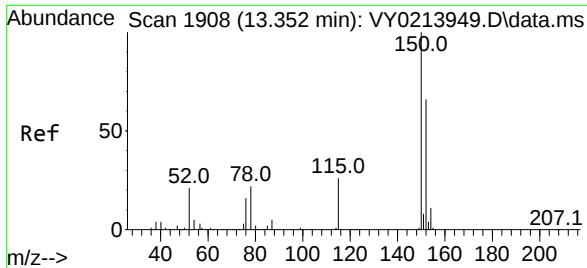
Tgt Ion:	95	Resp:	210
Ion	Ratio	Lower	Upper
95	100		
174	92.9	0.0	165.0
176	85.7	0.0	160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021619.D
Acq: 24 Mar 2025 15:38

Tgt Ion:	117	Resp:	1003
Ion	Ratio	Lower	Upper
117	100		
82	64.3	44.6	67.0
119	33.2	25.4	38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY021619.D

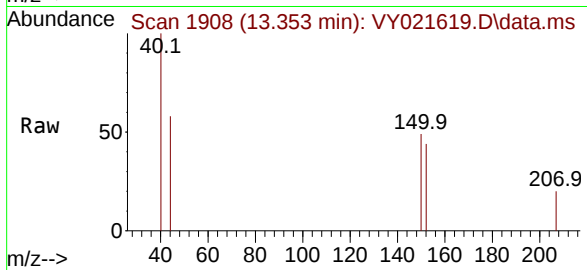
Acq: 24 Mar 2025 15:38

Instrument :

MSVOA_Y

ClientSampleId :

OK-01-03212025



Tgt Ion:152 Resp: 214

Ion Ratio Lower Upper

152 100

115 11.2 29.0 87.0#

150 178.5 0.0 347.2

