

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111225\
 Data File : VY023762.D
 Acq On : 12 Nov 2025 14:24
 Operator : SY/MD
 Sample : Q3600-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CENTRAL-ROW-CONCRETE

Quant Time: Nov 14 03:39:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 2025
 Response via : Initial Calibration

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

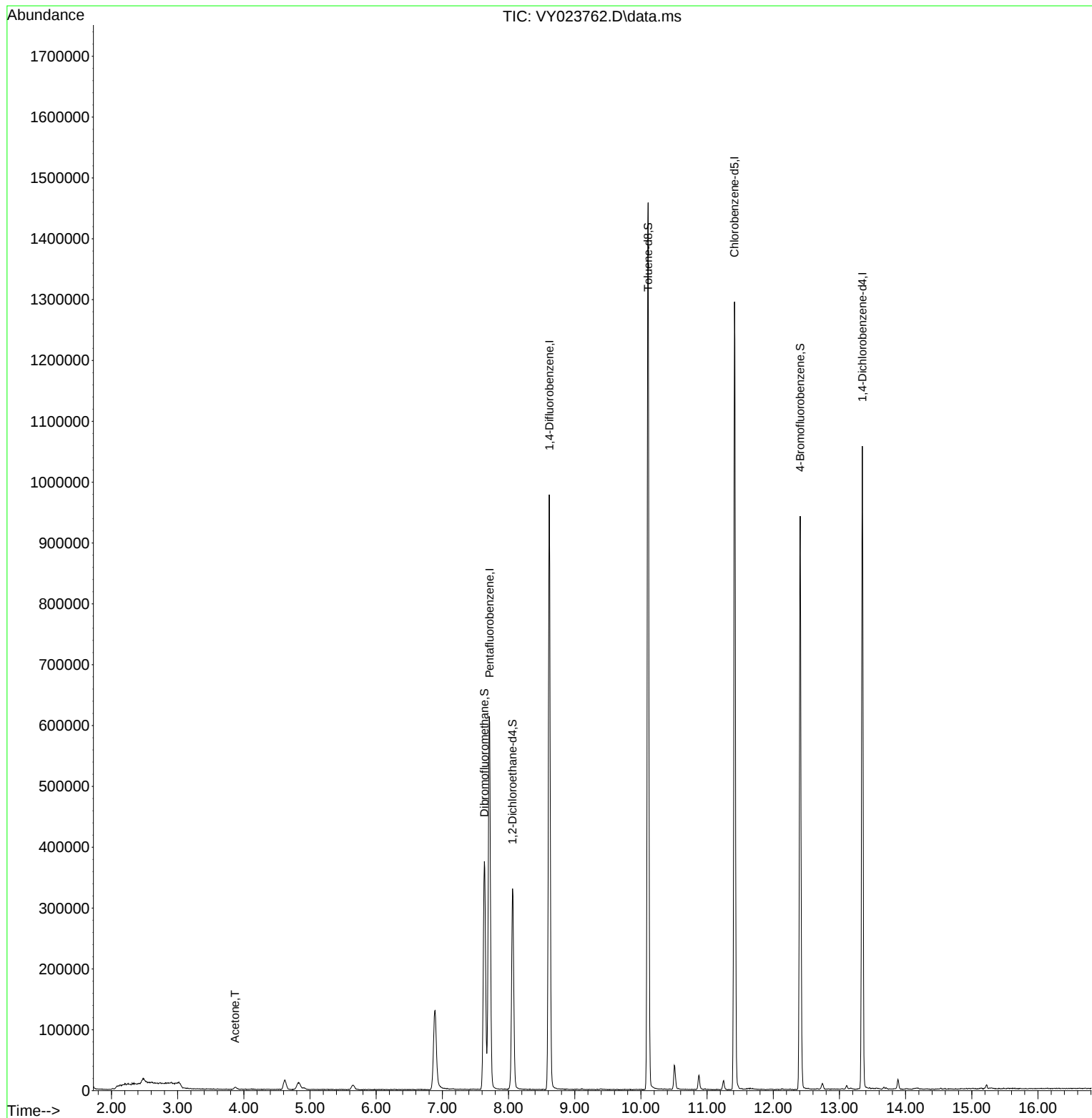
Internal Standards						
1) Pentafluorobenzene	7.713	168	518815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	866023	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	737421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	284729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	255329	57.694	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.380%
35) Dibromofluoromethane	7.634	113	275127	50.836	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.680%
50) Toluene-d8	10.109	98	970235	48.126	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.260%
62) 4-Bromofluorobenzene	12.408	95	276766	42.451	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.900%
Target Compounds						
16) Acetone	3.867	43	6184	5.622	ug/l	Qvalue 100

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

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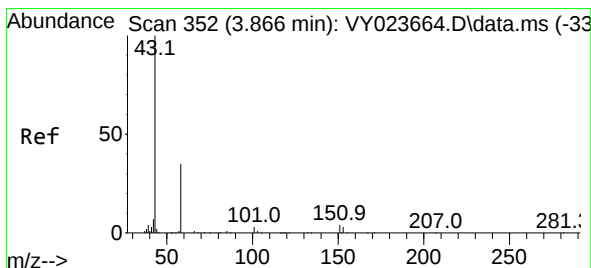
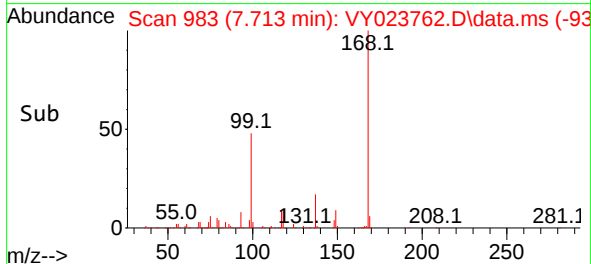
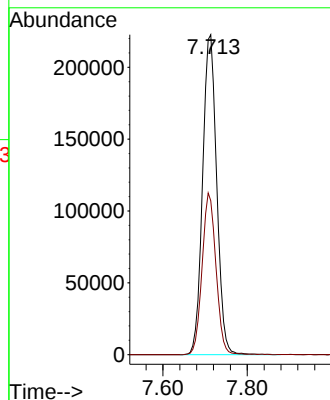
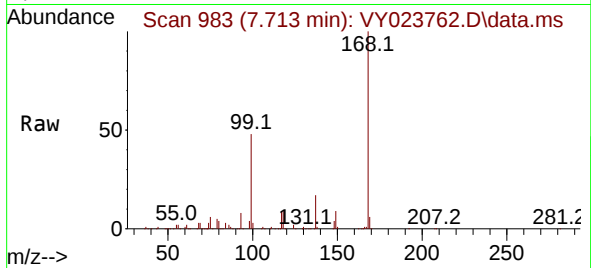




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023762.D
Acq: 12 Nov 2025 14:24

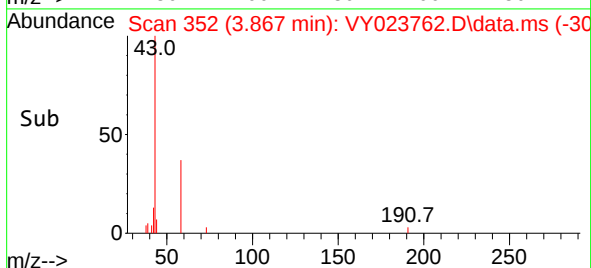
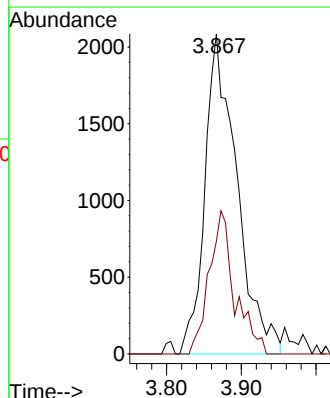
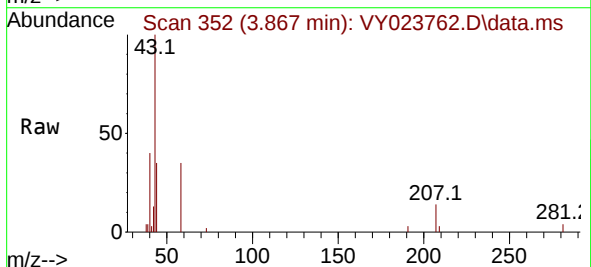
Instrument :
MSVOA_Y
ClientSampleId :
CENTRAL-ROW-CONCRETE

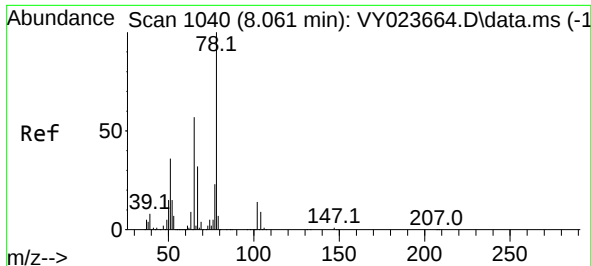
Tgt Ion:168 Resp: 518815
Ion Ratio Lower Upper
168 100
99 48.1 41.0 61.4



#16
Acetone
Concen: 5.622 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY023762.D
Acq: 12 Nov 2025 14:24

Tgt Ion: 43 Resp: 6184
Ion Ratio Lower Upper
43 100
58 35.2 28.2 42.4





#33

1,2-Dichloroethane-d4

Concen: 57.694 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY023762.D

Acq: 12 Nov 2025 14:24

Instrument :

MSVOA_Y

ClientSampleId :

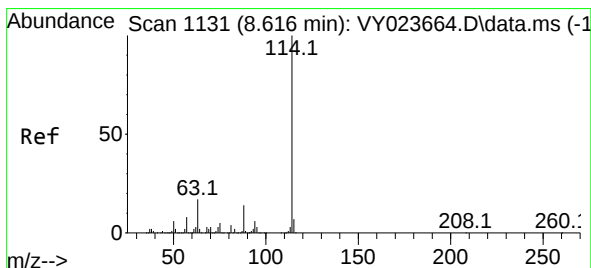
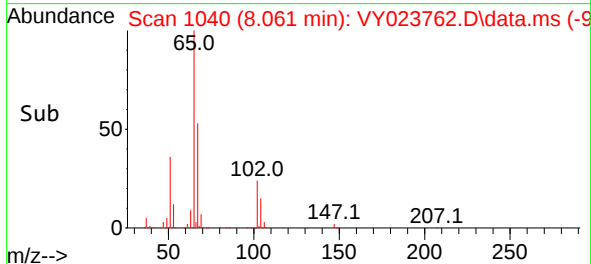
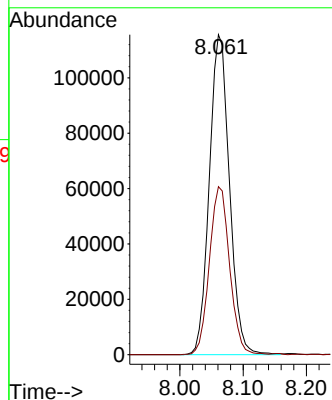
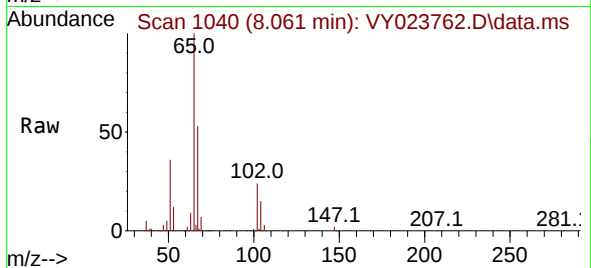
CENTRAL-ROW-CONCRETE

Tgt Ion: 65 Resp: 255329

Ion Ratio Lower Upper

65 100

67 52.8 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023762.D

Acq: 12 Nov 2025 14:24

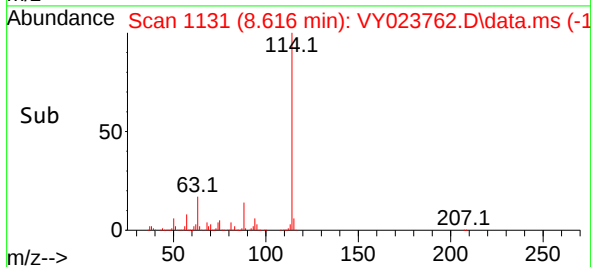
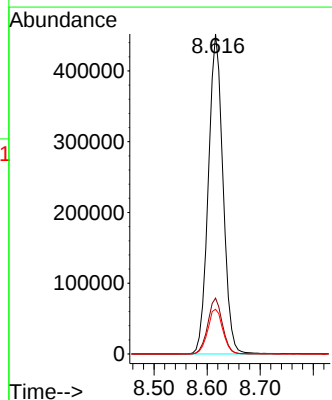
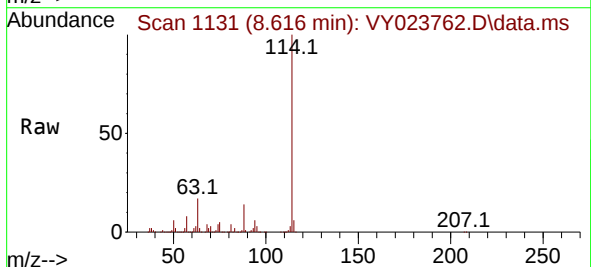
Tgt Ion: 114 Resp: 866023

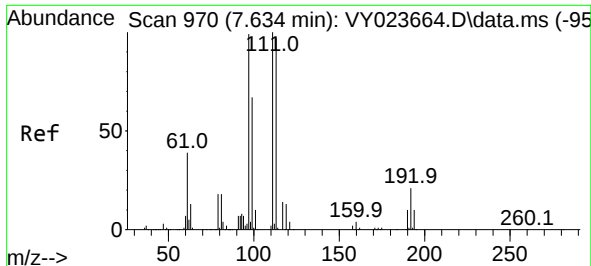
Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.8

88 13.9 0.0 29.0

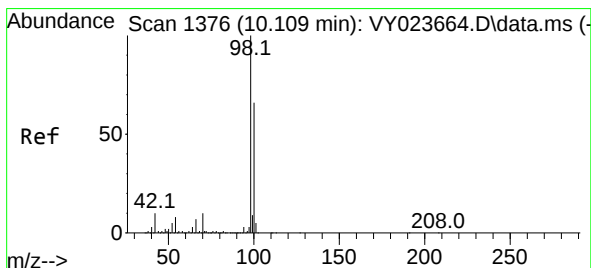
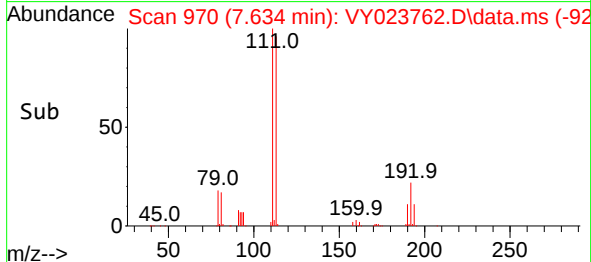
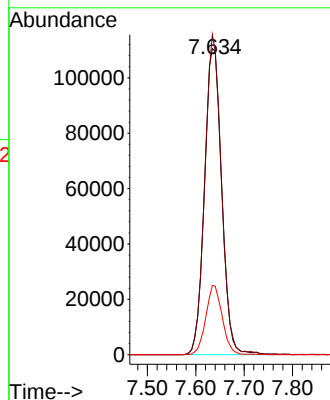
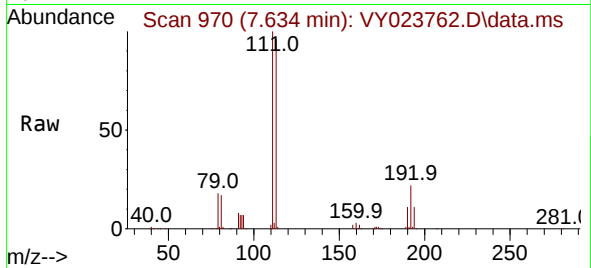




#35
Dibromofluoromethane
Concen: 50.836 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023762.D
Acq: 12 Nov 2025 14:24

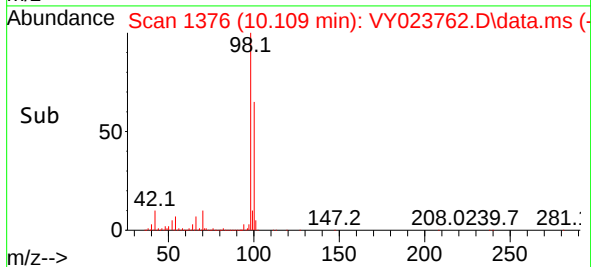
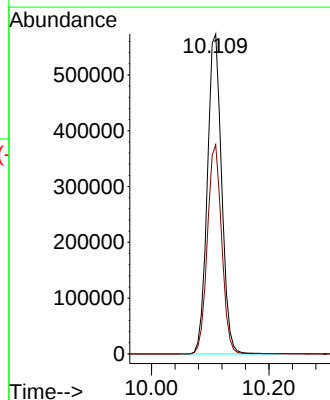
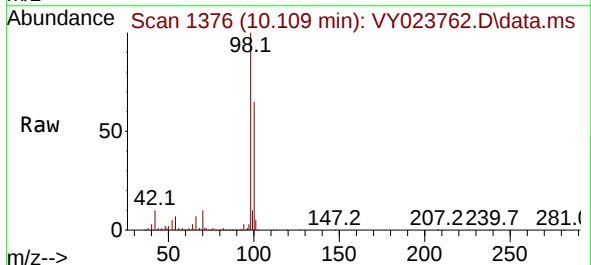
Instrument :
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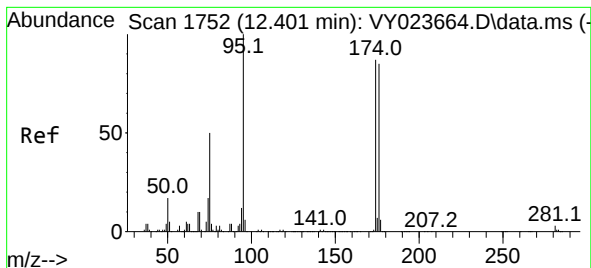
Tgt Ion:113 Resp: 275127
Ion Ratio Lower Upper
113 100
111 101.0 82.2 123.4
192 21.6 17.3 25.9



#50
Toluene-d8
Concen: 48.126 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY023762.D
Acq: 12 Nov 2025 14:24

Tgt Ion: 98 Resp: 970235
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1

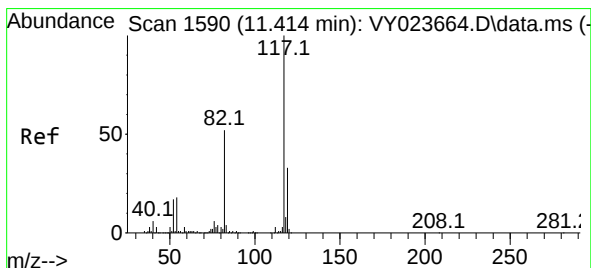
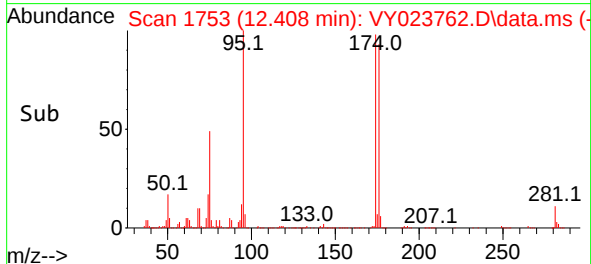
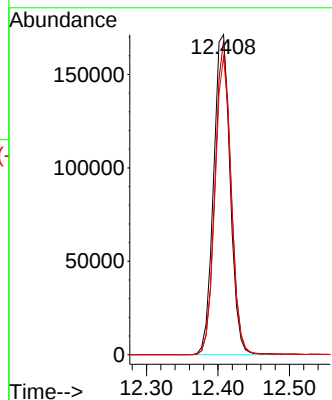
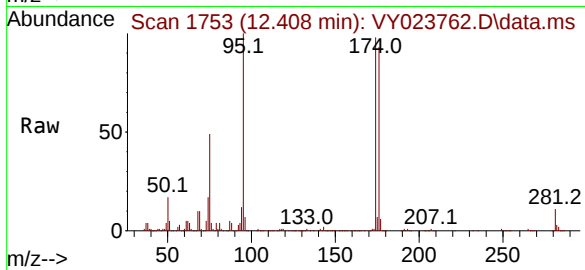




#62
4-Bromofluorobenzene
Concen: 42.451 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023762.D
Acq: 12 Nov 2025 14:24

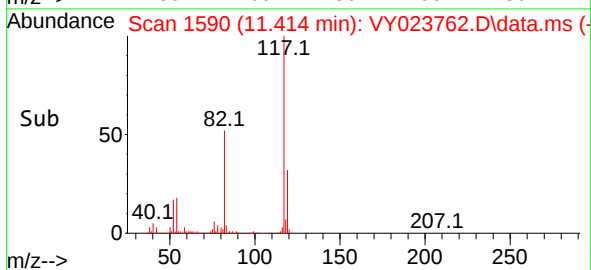
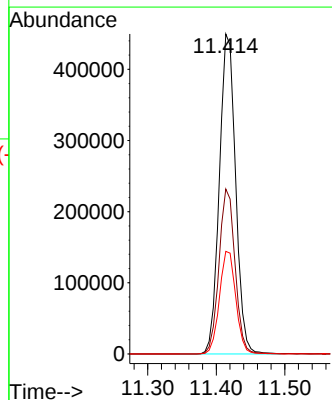
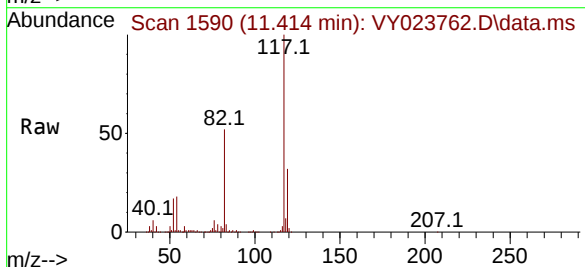
Instrument :
MSVOA_Y
ClientSampleId :
CENTRAL-ROW-CONCRETE

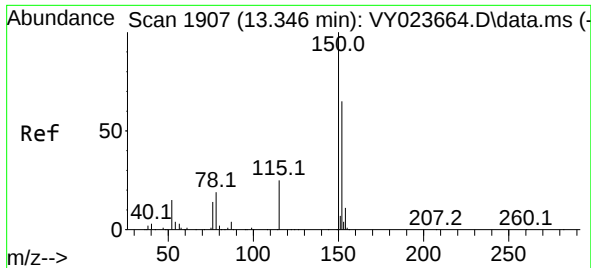
Tgt Ion: 95 Resp: 276766
Ion Ratio Lower Upper
95 100
174 94.7 0.0 184.8
176 91.2 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY023762.D
Acq: 12 Nov 2025 14:24

Tgt Ion: 117 Resp: 737421
Ion Ratio Lower Upper
117 100
82 51.6 41.2 61.8
119 32.0 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY023762.D
 Acq: 12 Nov 2025 14:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 CENTRAL-ROW-CONCRETE

Tgt Ion:152 Resp: 284729

Ion	Ratio	Lower	Upper
152	100		
115	55.6	27.5	82.5
150	156.1	0.0	349.0

