

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
 Data File : VY021469.D
 Acq On : 07 Mar 2025 18:23
 Operator : SY/MD
 Sample : Q1494-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ASPHALT-SOIL

Quant Time: Mar 07 22:03:44 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)

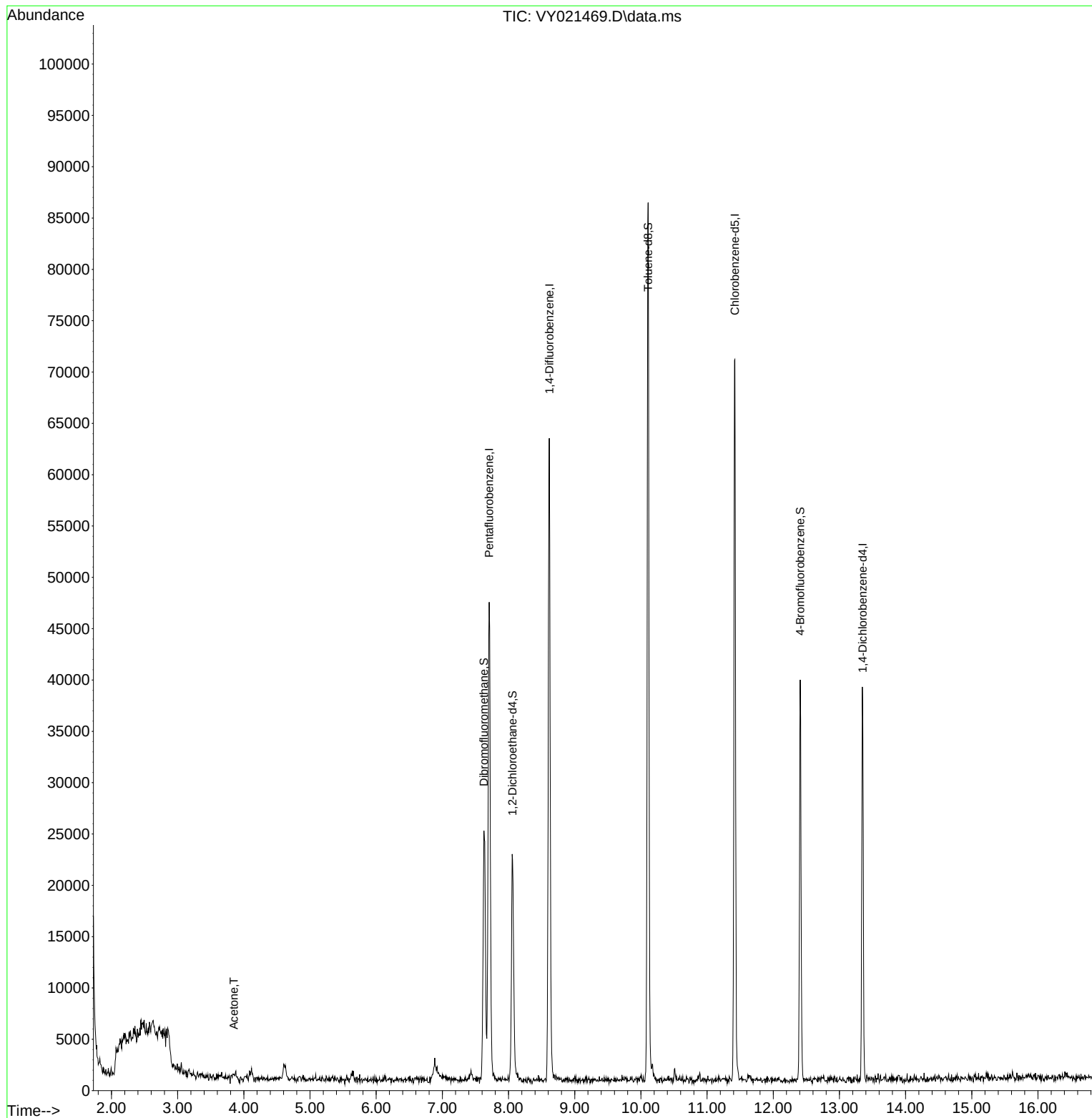
Internal Standards						
1) Pentafluorobenzene	7.707	168	33891	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	50493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	37676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	9382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	18436	51.467	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.940%	
35) Dibromofluoromethane	7.628	113	18264	55.029	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.060%	
50) Toluene-d8	10.109	98	57054	45.401	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 90.800%	
62) 4-Bromofluorobenzene	12.408	95	11797	27.597	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 55.200%	
Target Compounds						
16) Acetone	3.848	43	1055	13.503	ug/l	Qvalue # 87

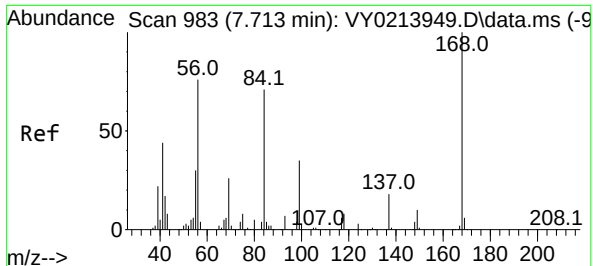
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021469.D
Acq On : 07 Mar 2025 18:23
Operator : SY/MD
Sample : Q1494-03
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ASPHALT-SOIL

Quant Time: Mar 07 22:03:44 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

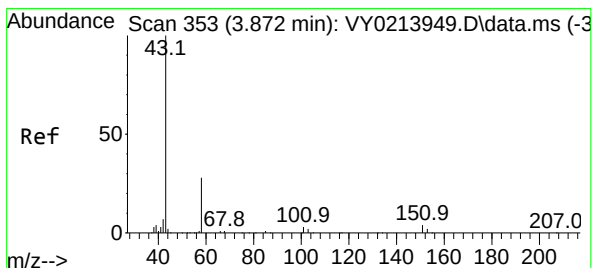
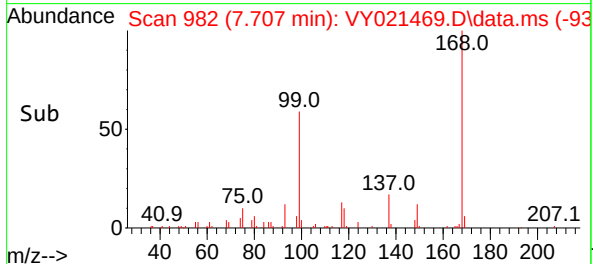
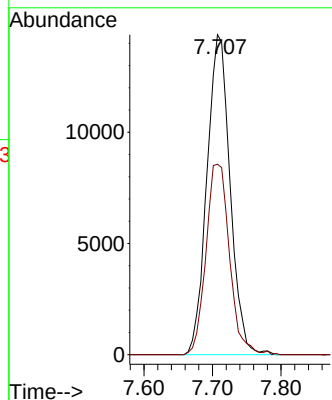
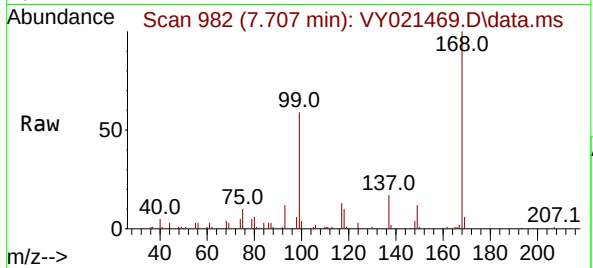




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021469.D
Acq: 07 Mar 2025 18:23

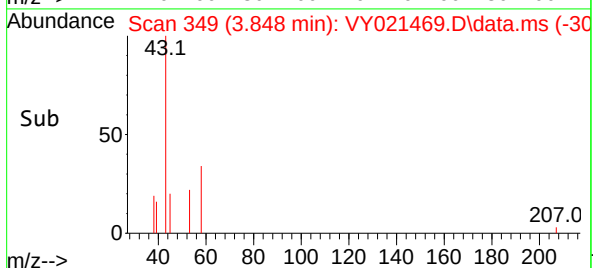
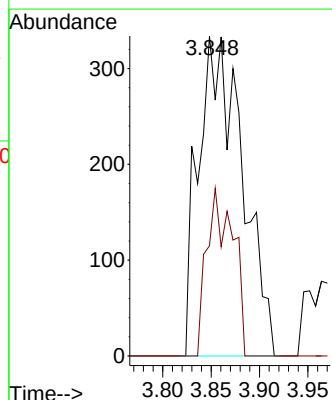
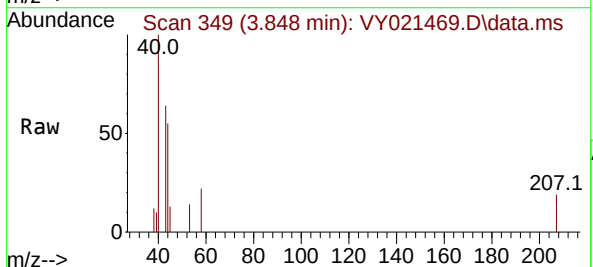
Instrument :
MSVOA_Y
ClientSampleId :
ASPHALT-SOIL

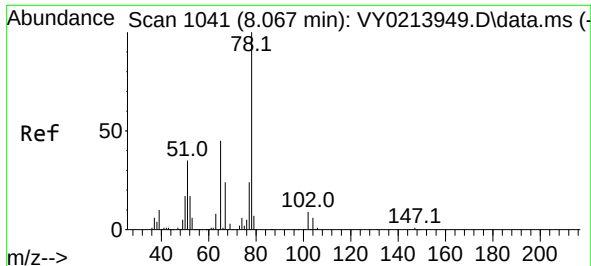
Tgt Ion:168 Resp: 33891
Ion Ratio Lower Upper
168 100
99 59.5 46.0 69.0



#16
Acetone
Concen: 13.503 ug/l
RT: 3.848 min Scan# 349
Delta R.T. -0.024 min
Lab File: VY021469.D
Acq: 07 Mar 2025 18:23

Tgt Ion: 43 Resp: 1055
Ion Ratio Lower Upper
43 100
58 34.4 22.1 33.1#





#33

1,2-Dichloroethane-d4

Concen: 51.467 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021469.D

Acq: 07 Mar 2025 18:23

Instrument :

MSVOA_Y

ClientSampleId :

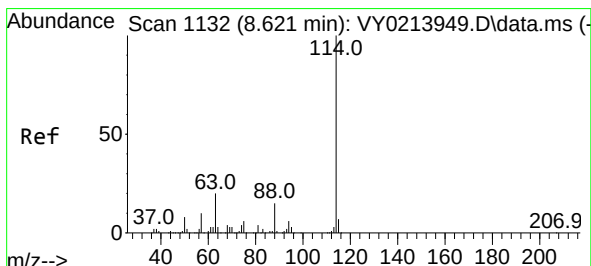
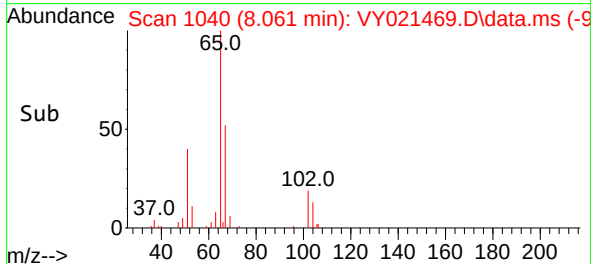
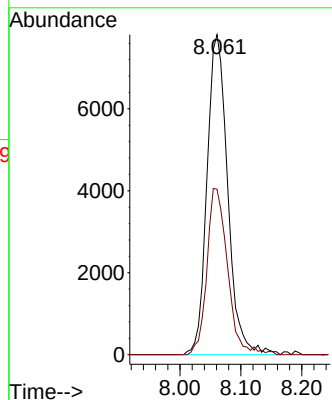
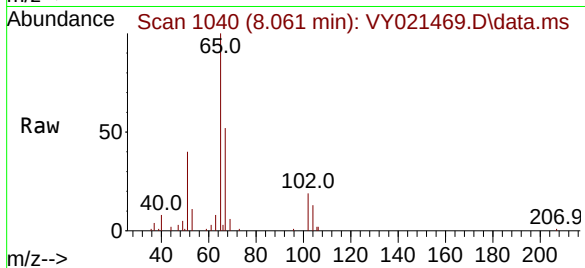
ASPHALT-SOIL

Tgt Ion: 65 Resp: 18436

Ion Ratio Lower Upper

65 100

67 52.0 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: VY021469.D

Acq: 07 Mar 2025 18:23

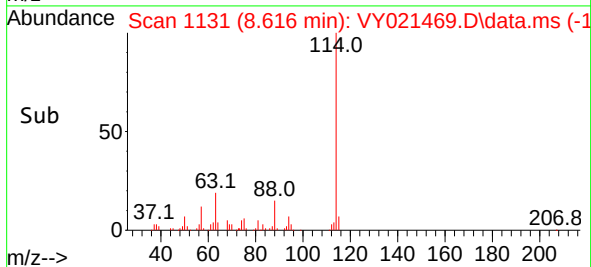
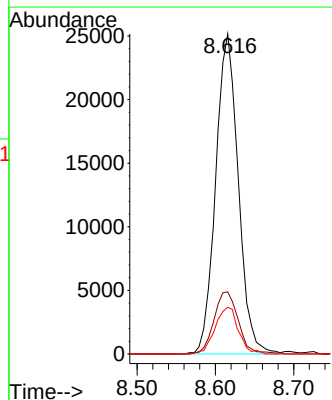
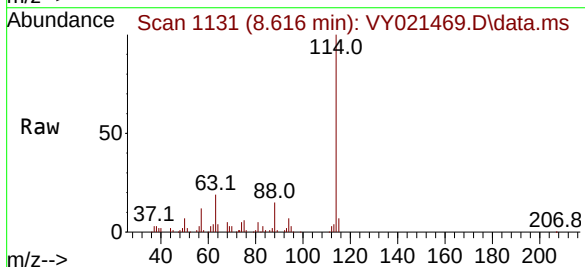
Tgt Ion: 114 Resp: 50493

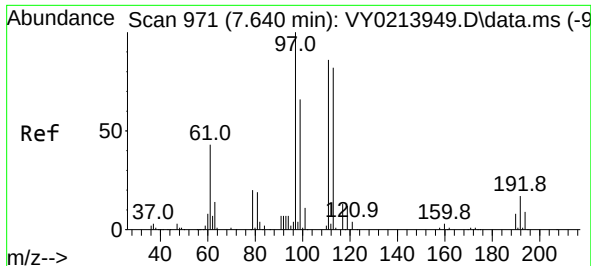
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.8

88 14.6 0.0 30.8

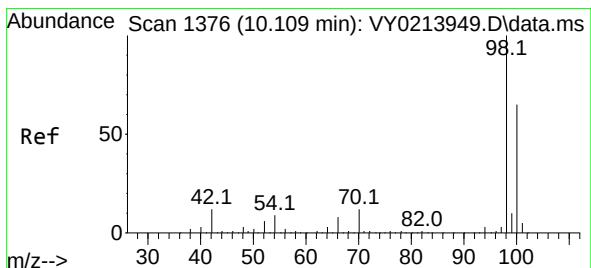
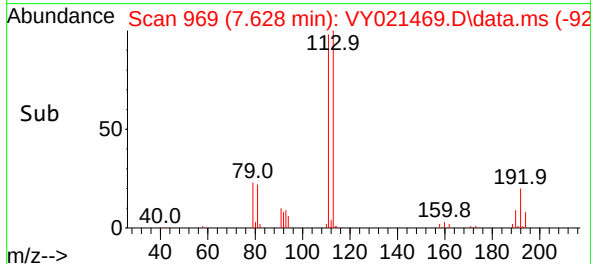
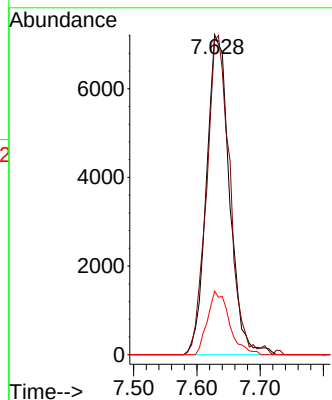
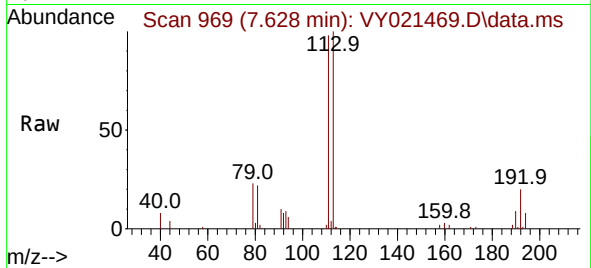




#35
Dibromofluoromethane
Concen: 55.029 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY021469.D
Acq: 07 Mar 2025 18:23

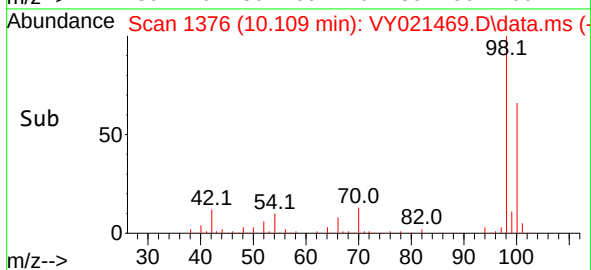
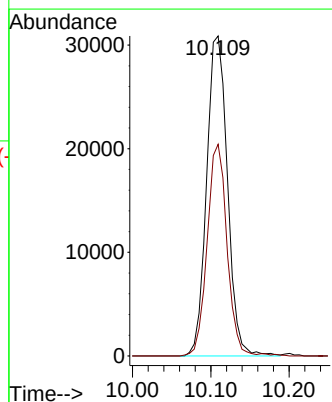
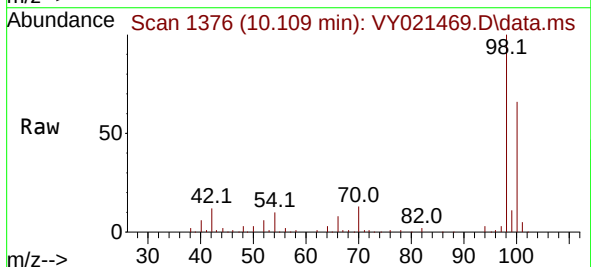
Instrument :
MSVOA_Y
ClientSampleId :
ASPHALT-SOIL

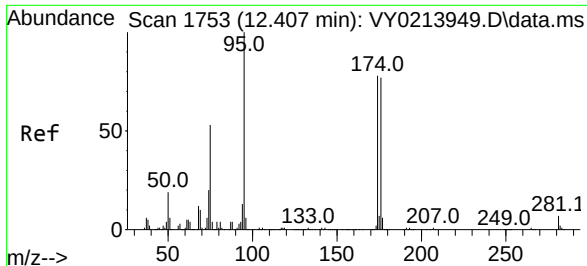
Tgt Ion:113 Resp: 18264
Ion Ratio Lower Upper
113 100
111 100.5 82.0 123.0
192 18.9 15.9 23.9



#50
Toluene-d8
Concen: 45.401 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021469.D
Acq: 07 Mar 2025 18:23

Tgt Ion: 98 Resp: 57054
Ion Ratio Lower Upper
98 100
100 63.2 52.1 78.1

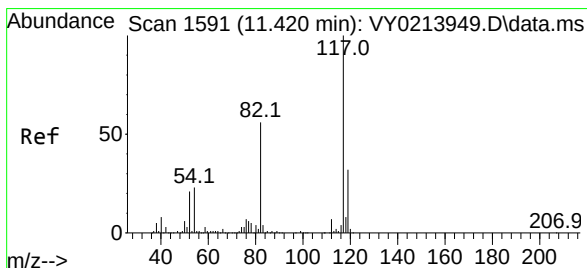
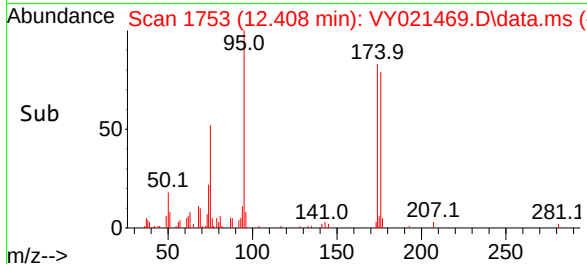
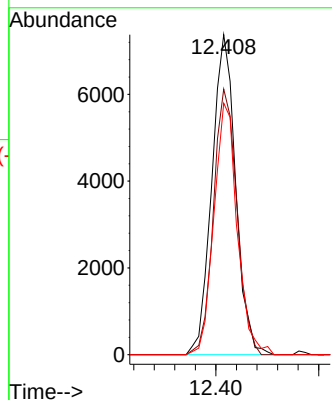
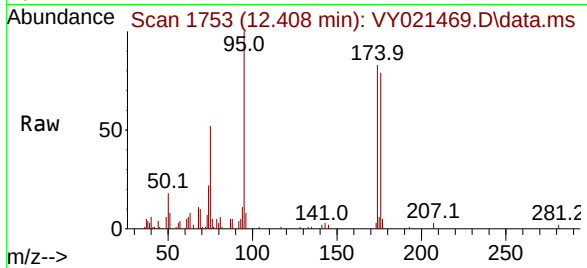




#62
4-Bromofluorobenzene
Concen: 27.597 ug/l
RT: 12.408 min Scan# 11797
Delta R.T. 0.000 min
Lab File: VY021469.D
Acq: 07 Mar 2025 18:23

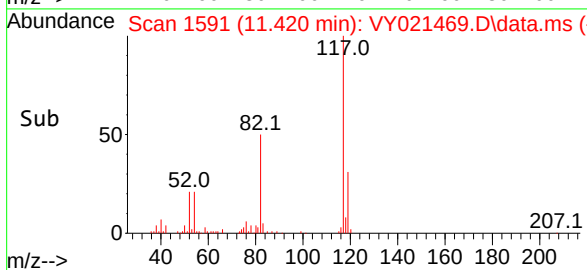
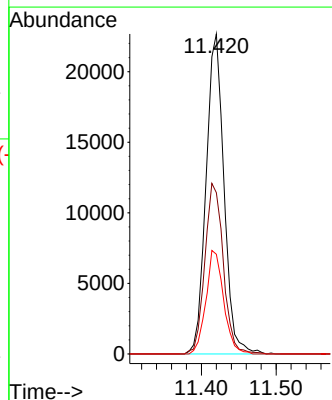
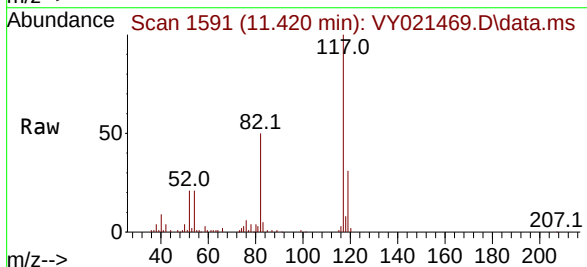
Instrument :
MSVOA_Y
ClientSampleId :
ASPHALT-SOIL

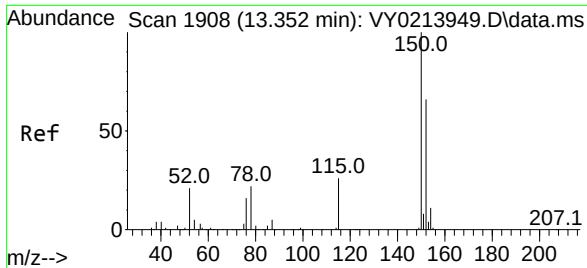
Tgt Ion:	95	Resp:	11797
Ion	Ratio	Lower	Upper
95	100		
174	82.1	0.0	165.0
176	77.3	0.0	160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021469.D
Acq: 07 Mar 2025 18:23

Tgt Ion:	117	Resp:	37676
Ion	Ratio	Lower	Upper
117	100		
82	50.4	44.6	67.0
119	31.2	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: VY021469.D

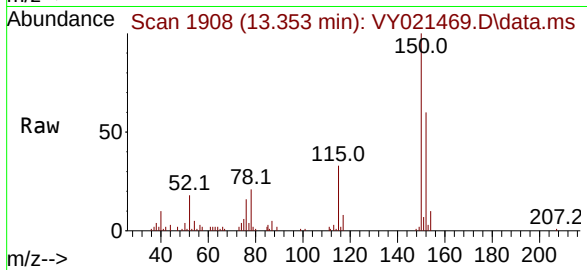
Acq: 07 Mar 2025 18:23

Instrument :

MSVOA_Y

ClientSampleId :

ASPHALT-SOIL



Tgt Ion:152 Resp: 9382

Ion	Ratio	Lower	Upper
152	100		
115	61.2	29.0	87.0
150	161.7	0.0	347.2

