

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
 Data File : VY021491.D
 Acq On : 11 Mar 2025 17:05
 Operator : SY/MD
 Sample : Q1494-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ASPHALT-SOIL

Quant Time: Mar 12 01:25:31 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	3337	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	4917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	2250	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	2624	74.397	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 148.800%	
35) Dibromofluoromethane	7.628	113	1714	53.032	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.060%	
50) Toluene-d8	10.103	98	4672	38.178	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 76.360%	
62) 4-Bromofluorobenzene	12.420	95	440	10.570	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 21.140%#	

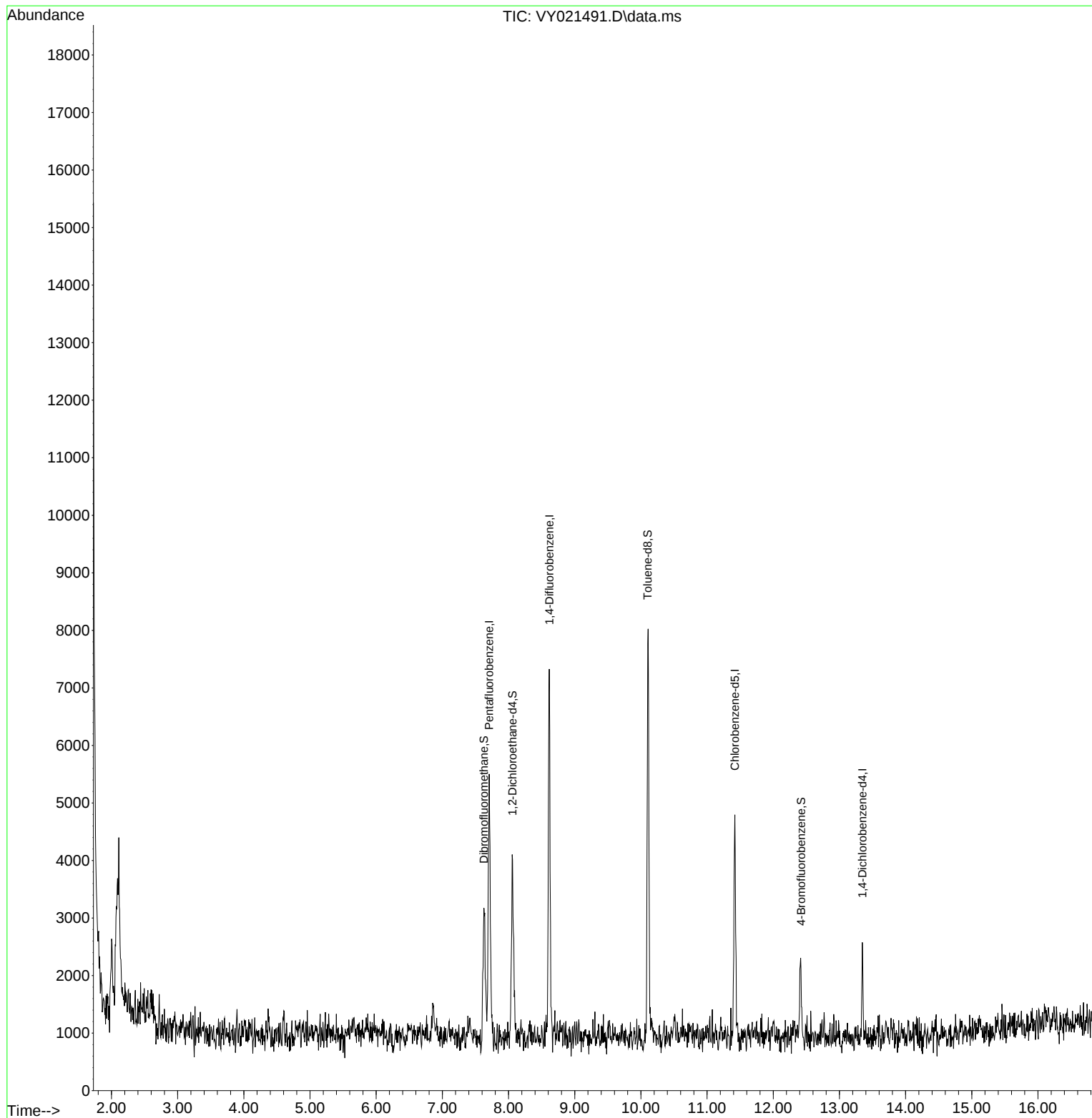
Target Compounds	Qvalue

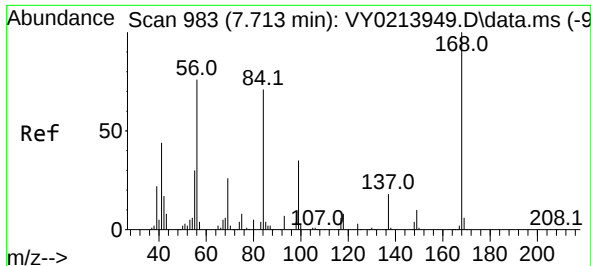
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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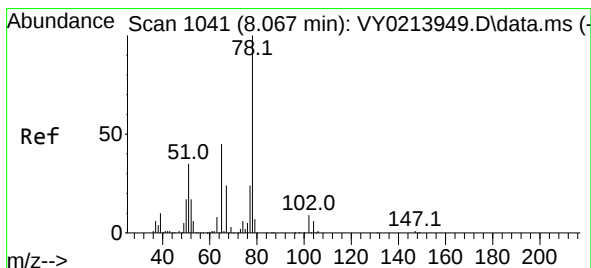
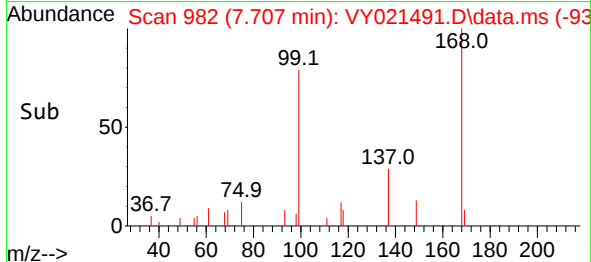
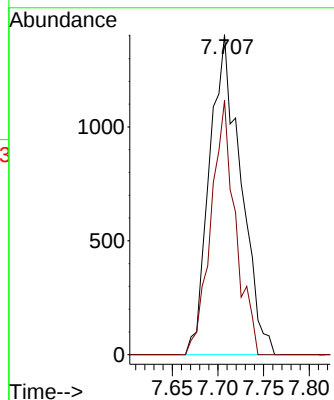
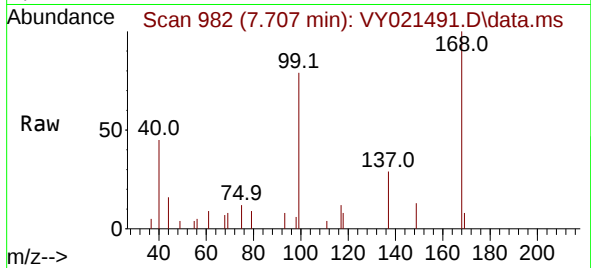




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021491.D
Acq: 11 Mar 2025 17:05

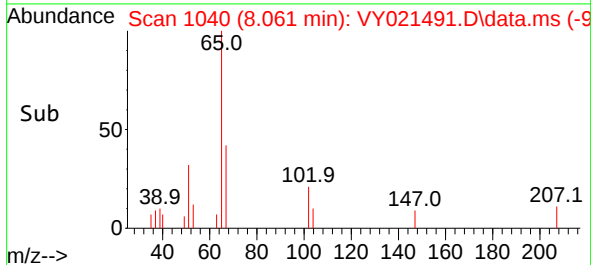
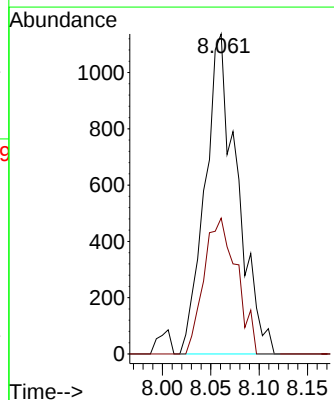
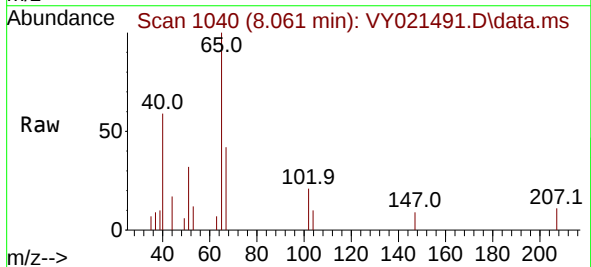
Instrument :
MSVOA_Y
ClientSampleId :
ASPHALT-SOIL

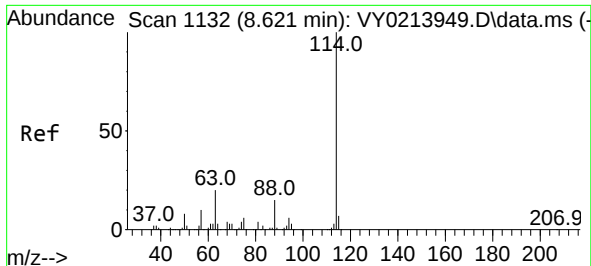
Tgt Ion:168 Resp: 3337
Ion Ratio Lower Upper
168 100
99 79.4 46.0 69.0#



#33
1,2-Dichloroethane-d4
Concen: 74.397 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021491.D
Acq: 11 Mar 2025 17:05

Tgt Ion: 65 Resp: 2624
Ion Ratio Lower Upper
65 100
67 43.3 0.0 102.8

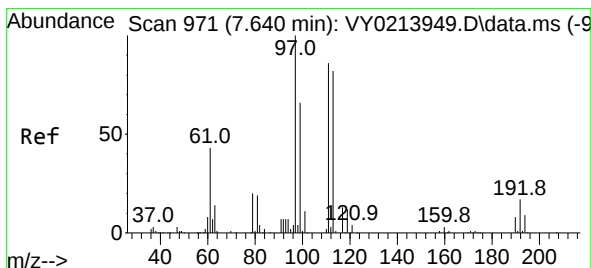
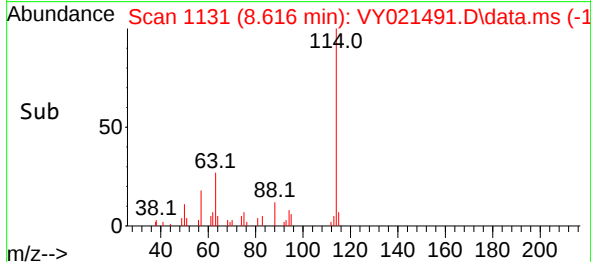
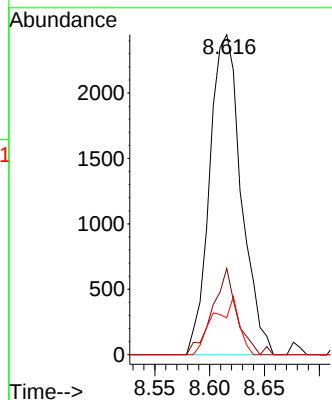
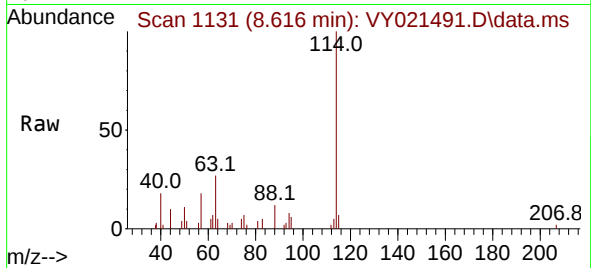




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1132
 Delta R.T. -0.006 min
 Lab File: VY021491.D
 Acq: 11 Mar 2025 17:05

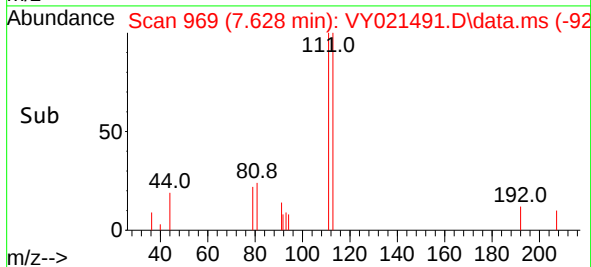
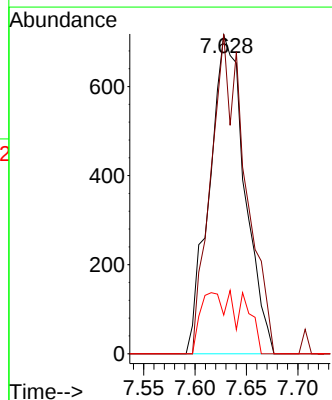
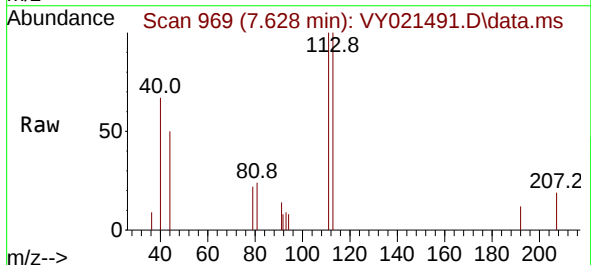
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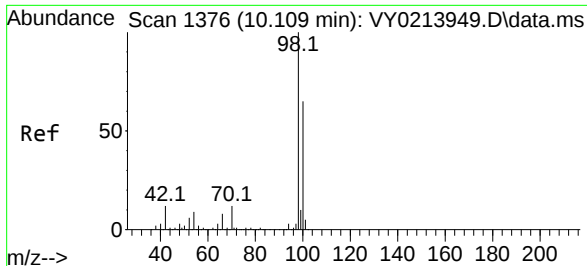
Tgt Ion:114	Resp:	4917
Ion	Ratio	Lower Upper
114	100	
63	27.0	0.0 40.8
88	11.5	0.0 30.8



#35
 Dibromofluoromethane
 Concen: 53.032 ug/l
 RT: 7.628 min Scan# 969
 Delta R.T. -0.012 min
 Lab File: VY021491.D
 Acq: 11 Mar 2025 17:05

Tgt Ion:113	Resp:	1714
Ion	Ratio	Lower Upper
113	100	
111	98.7	82.0 123.0
192	12.3	15.9 23.9#

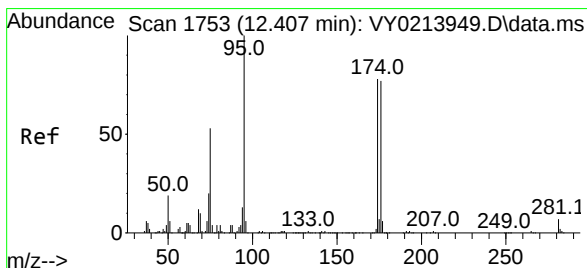
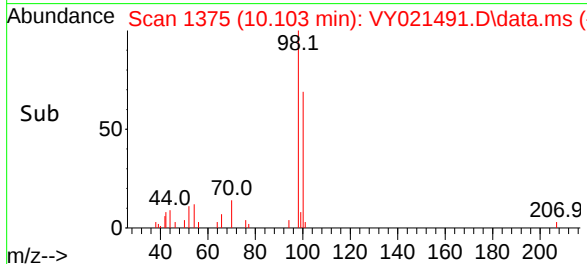
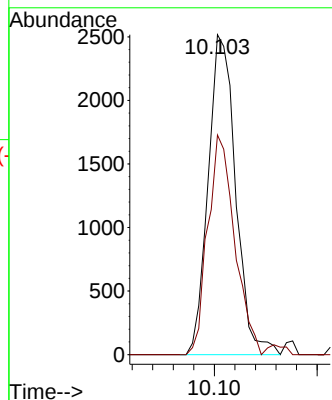
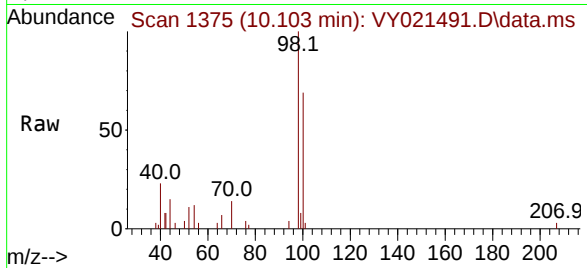




#50
Toluene-d8
Concen: 38.178 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021491.D
Acq: 11 Mar 2025 17:05

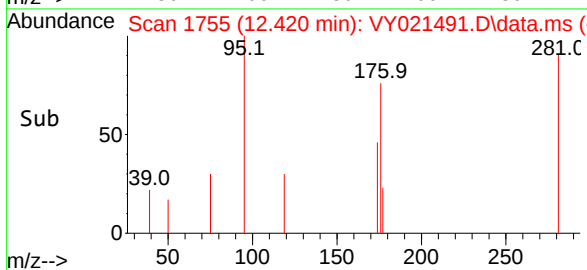
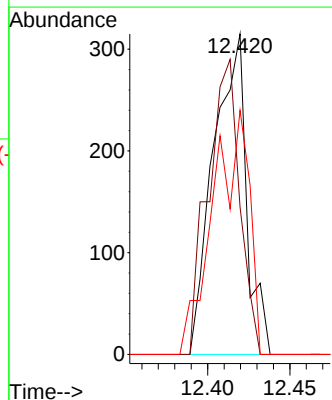
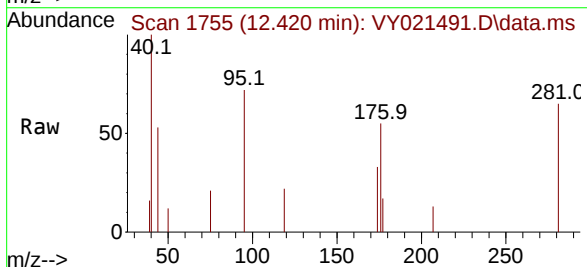
Instrument :
MSVOA_Y
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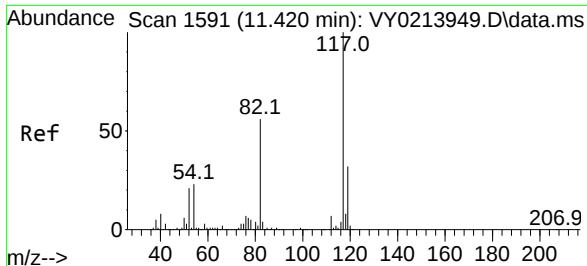
Tgt Ion: 98 Resp: 4672
Ion Ratio Lower Upper
98 100
100 67.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 10.570 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.012 min
Lab File: VY021491.D
Acq: 11 Mar 2025 17:05

Tgt Ion: 95 Resp: 440
Ion Ratio Lower Upper
95 100
174 88.0 0.0 165.0
176 83.0 0.0 160.0

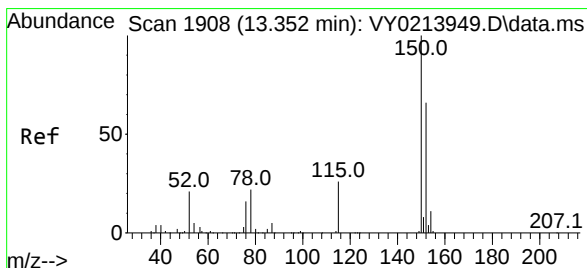
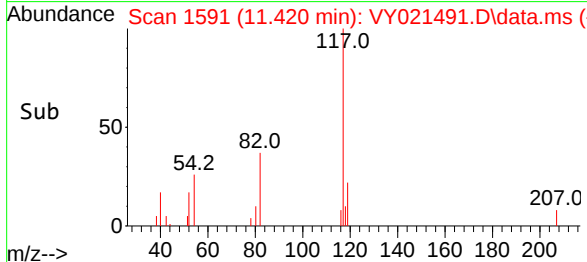
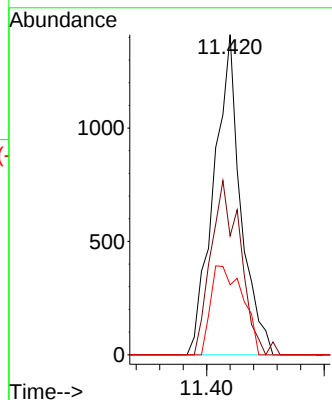
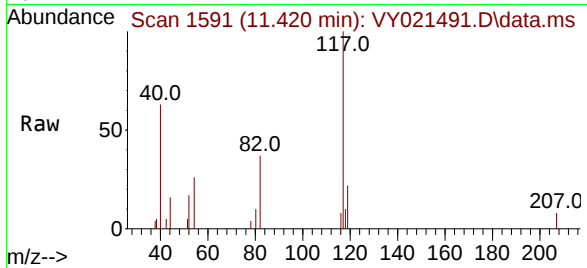




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY021491.D
Acq: 11 Mar 2025 17:05

Instrument :
MSVOA_Y
ClientSampleId :
ASPHALT-SOIL

Tgt Ion:117 Resp: 2250
Ion Ratio Lower Upper
117 100
82 37.1 44.6 67.0#
119 21.9 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: VY021491.D
Acq: 11 Mar 2025 17:05

Tgt Ion:152 Resp: 418
Ion Ratio Lower Upper
152 100
115 42.1 29.0 87.0
150 139.7 0.0 347.2

