

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120624\
 Data File : VY020536.D
 Acq On : 06 Dec 2024 15:07
 Operator : SY/MD
 Sample : P5108-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ASPHALT-COMP

Quant Time: Dec 07 03:26:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

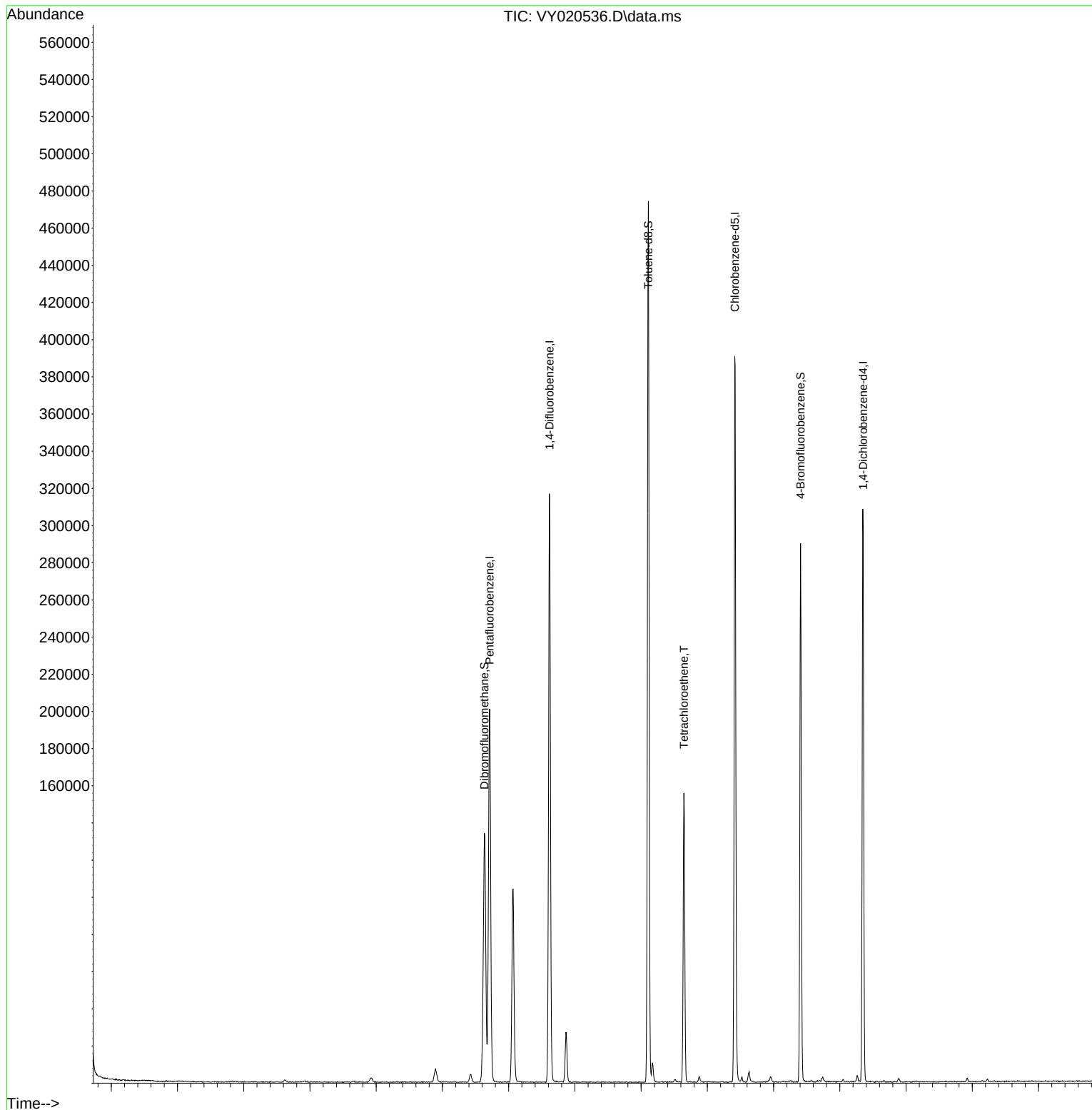
Internal Standards						
1) Pentafluorobenzene	7.713	168	149776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	258111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	205074	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.353	152	77231	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	84904	55.739	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.480%			
35) Dibromofluoromethane	7.634	113	82030	50.482	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.960%			
50) Toluene-d8	10.109	98	305452	49.366	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.740%			
62) 4-Bromofluorobenzene	12.408	95	86024	39.752	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 79.500%			
Target Compounds						
24) 1,1-Dichloroethane	5.915	63	3968	1.195	ug/l	96
27) cis-1,2-Dichloroethene	6.896	96	2460	1.220	ug/l	94
30) Chloroform	7.415	83	4244	1.246	ug/l #	79
32) 1,1,1-Trichloroethane	7.622	97	24580	7.492	ug/l	98
44) Trichloroethene	8.866	130	9050	4.538	ug/l	94
64) Tetrachloroethene	10.646	164	32328	18.656	ug/l	92

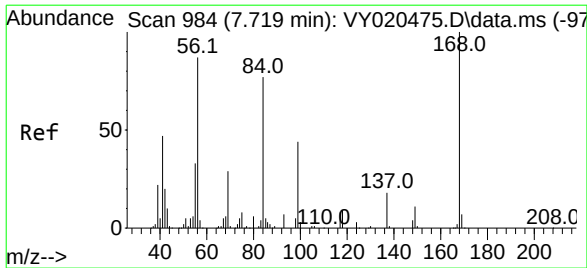
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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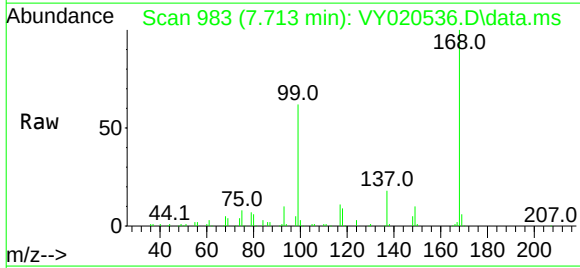
Quant Time: Dec 07 03:26:02 2024
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Quant Title : SW846 8260
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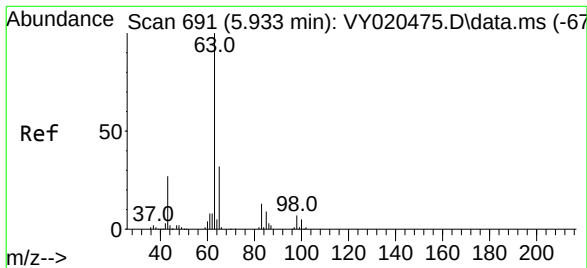
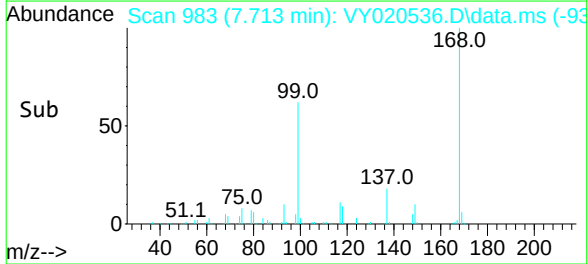
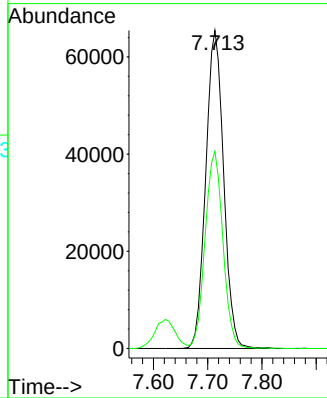


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020536.D
Acq: 06 Dec 2024 15:07

Instrument :
MSVOA_Y
ClientSampleId :
ASPHALT-COMP

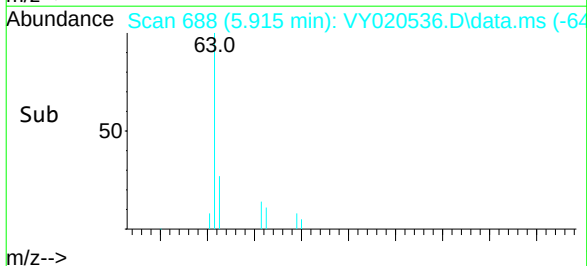
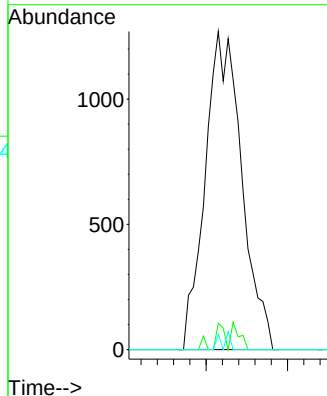
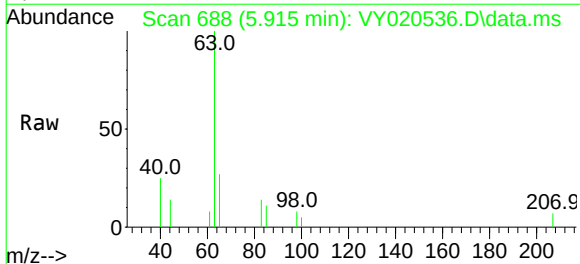


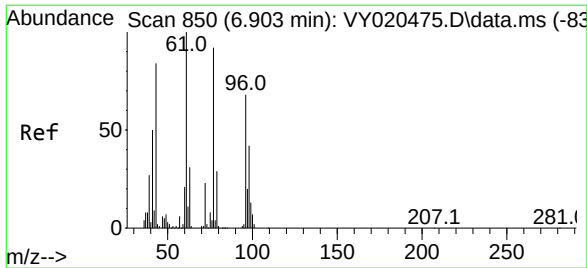
Tgt Ion:168 Resp: 149776
Ion Ratio Lower Upper
168 100
99 61.8 46.6 69.8



#24
1,1-Dichloroethane
Concen: 1.195 ug/l
RT: 5.915 min Scan# 688
Delta R.T. -0.018 min
Lab File: VY020536.D
Acq: 06 Dec 2024 15:07

Tgt Ion: 63 Resp: 3968
Ion Ratio Lower Upper
63 100
98 8.3 3.4 10.1
100 4.9 2.0 5.8

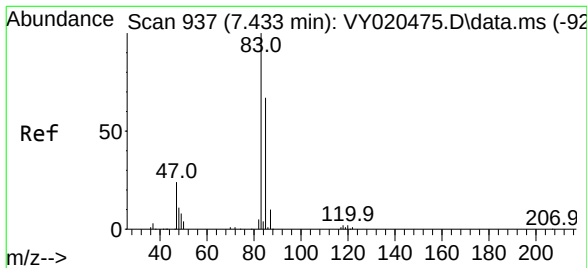
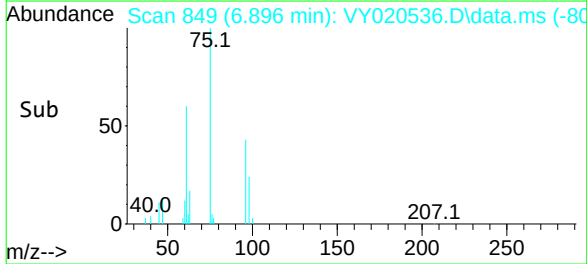
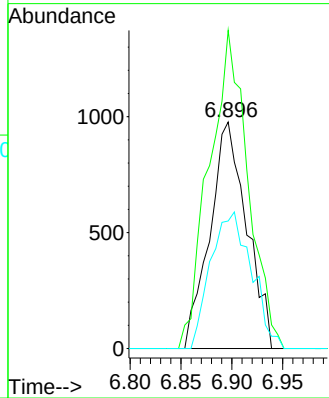
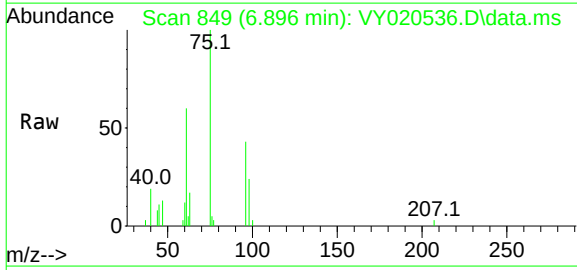




#27
cis-1,2-Dichloroethene
Concen: 1.220 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY020536.D
Acq: 06 Dec 2024 15:07

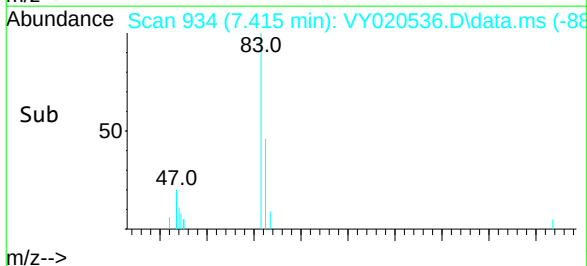
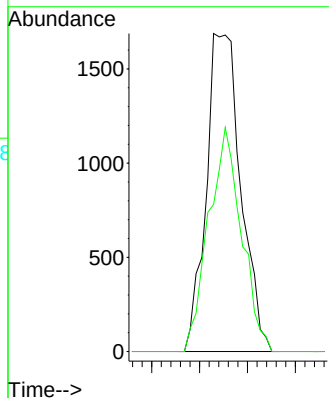
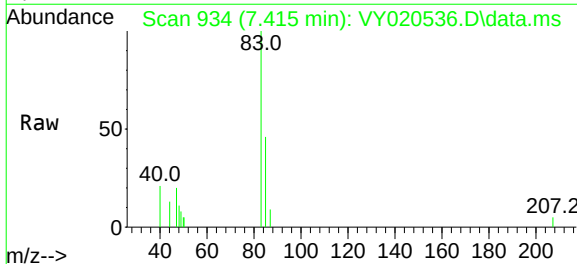
Instrument :
MSVOA_Y
ClientSampleId :
ASPHALT-COMP

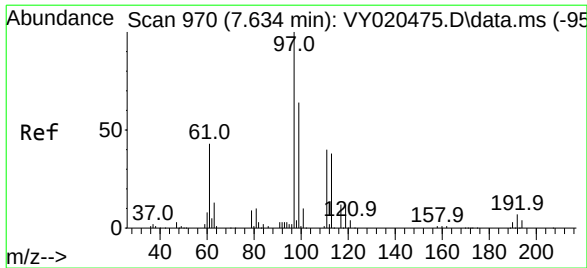
Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.0	0.0	312.4
98	67.0	0.0	126.8



#30
Chloroform
Concen: 1.246 ug/l
RT: 7.415 min Scan# 934
Delta R.T. -0.018 min
Lab File: VY020536.D
Acq: 06 Dec 2024 15:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	46.3	50.3	75.5#

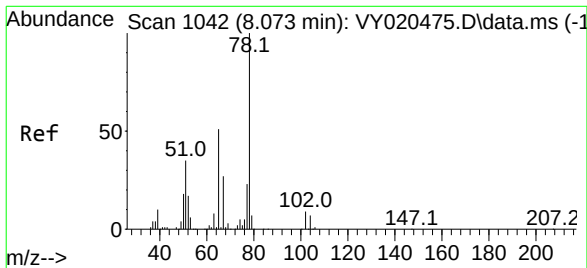
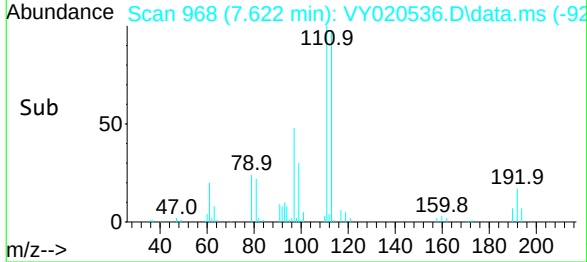
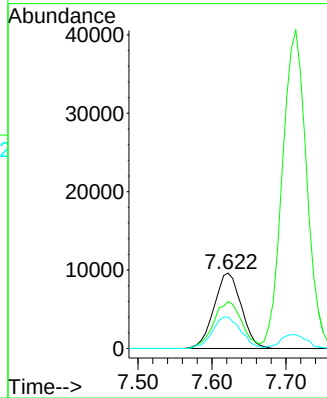
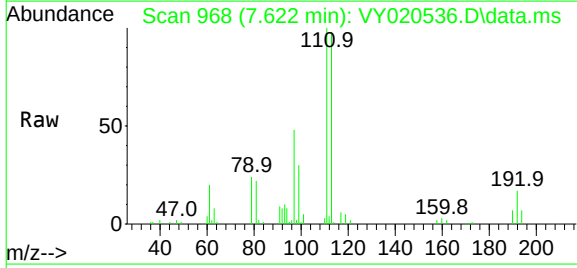




#32
1,1,1-Trichloroethane
Concen: 7.492 ug/l
RT: 7.622 min Scan# 96
Delta R.T. -0.012 min
Lab File: VY020536.D
Acq: 06 Dec 2024 15:07

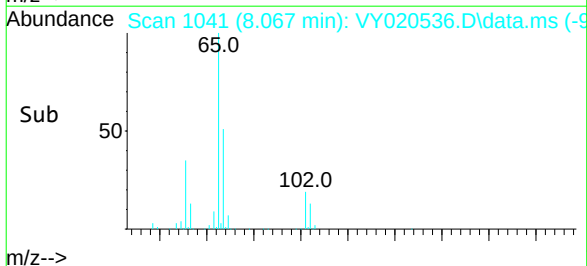
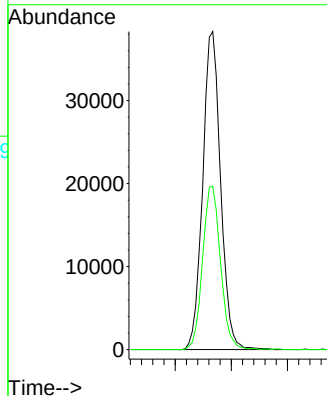
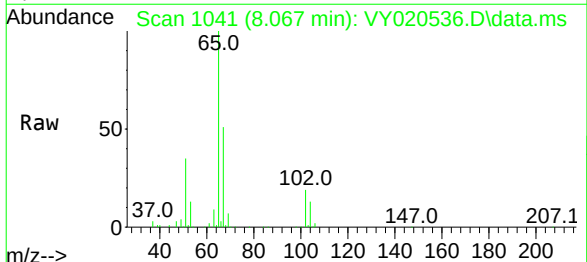
Instrument :
MSVOA_Y
ClientSampleId :
ASPHALT-COMP

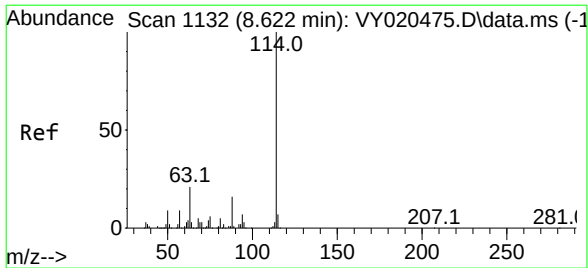
Tgt Ion: 97 Resp: 24580
Ion Ratio Lower Upper
97 100
99 65.0 51.8 77.6
61 43.6 37.1 55.7



#33
1,2-Dichloroethane-d4
Concen: 55.739 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY020536.D
Acq: 06 Dec 2024 15:07

Tgt Ion: 65 Resp: 84904
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.8

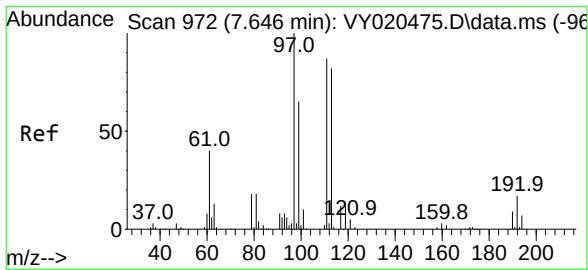
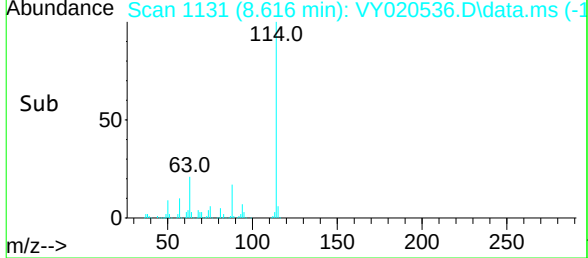
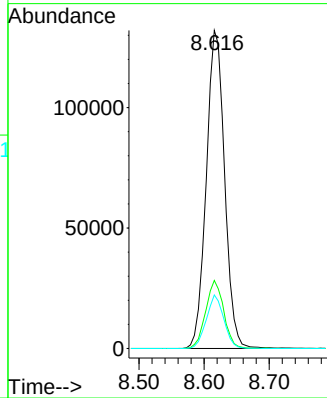
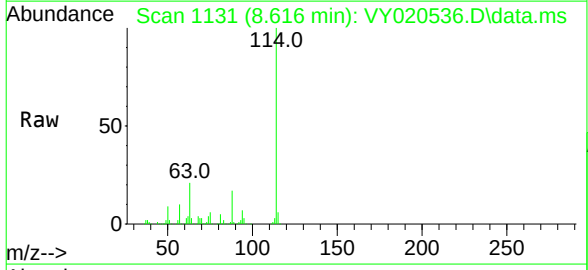




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY020536.D
 Acq: 06 Dec 2024 15:07

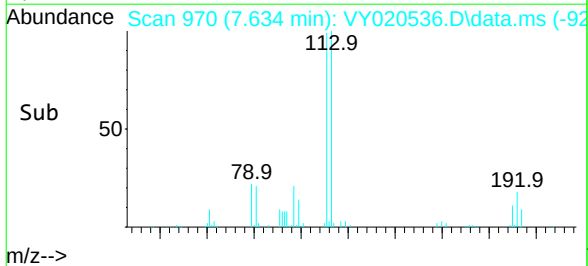
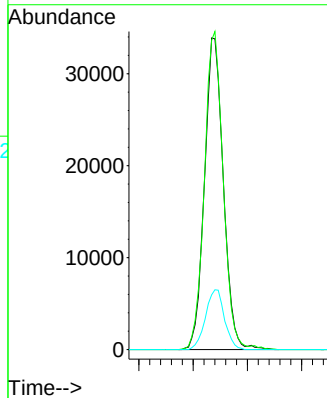
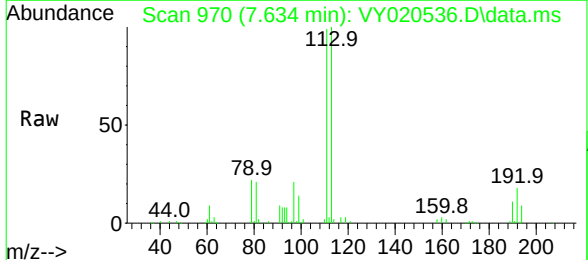
Instrument :
 MSVOA_Y
 ClientSampleId :
 ASPHALT-COMP

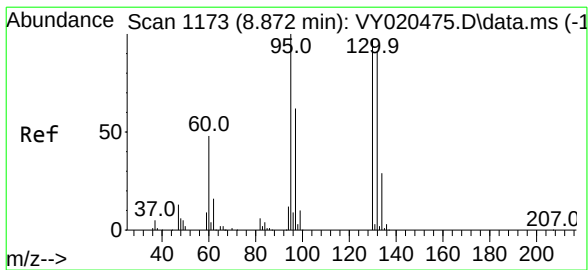
Tgt Ion:	114	Resp:	258111
Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	44.8
88	16.8	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 50.482 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. -0.012 min
 Lab File: VY020536.D
 Acq: 06 Dec 2024 15:07

Tgt Ion:	113	Resp:	82030
Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.4	122.0
192	19.2	15.1	22.7





#44

Trichloroethene

Concen: 4.538 ug/l

RT: 8.866 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020536.D

Acq: 06 Dec 2024 15:07

Instrument :

MSVOA_Y

ClientSampleId :

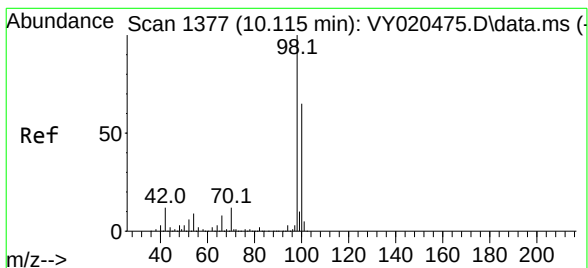
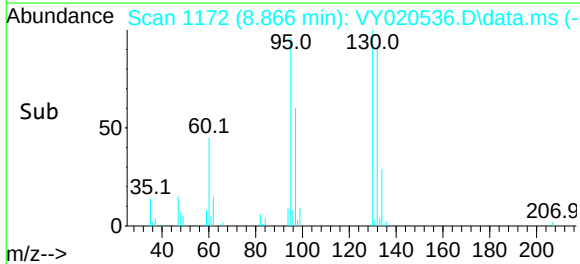
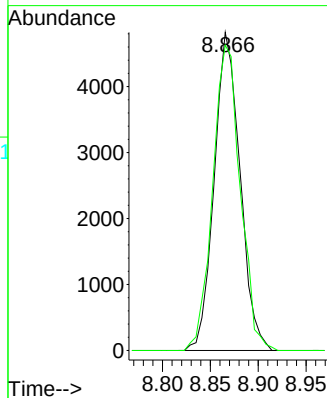
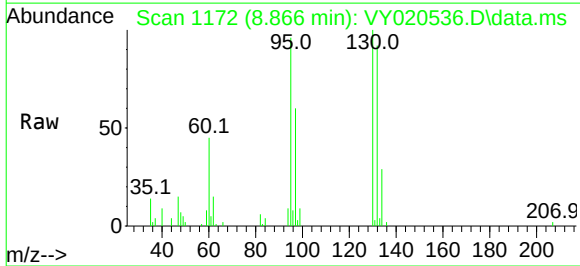
ASPHALT-COMP

Tgt Ion:130 Resp: 9050

Ion Ratio Lower Upper

130 100

95 96.0 0.0 204.8



#50

Toluene-d8

Concen: 49.366 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.006 min

Lab File: VY020536.D

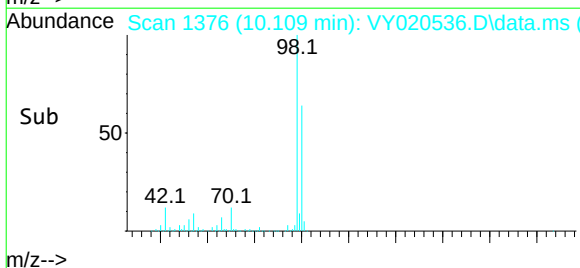
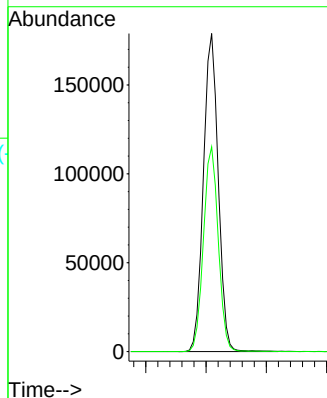
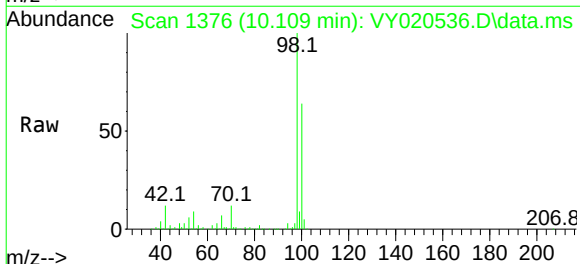
Acq: 06 Dec 2024 15:07

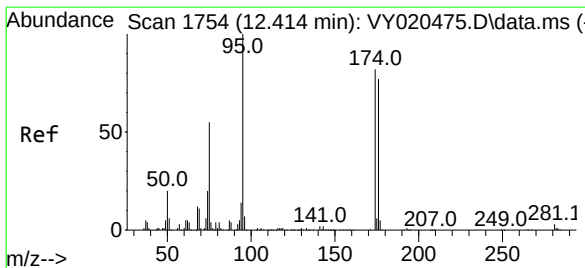
Tgt Ion: 98 Resp: 305452

Ion Ratio Lower Upper

98 100

100 64.3 51.3 76.9





#62

4-Bromofluorobenzene

Concen: 39.752 ug/l

RT: 12.408 min Scan# 17

Delta R.T. -0.006 min

Lab File: VY020536.D

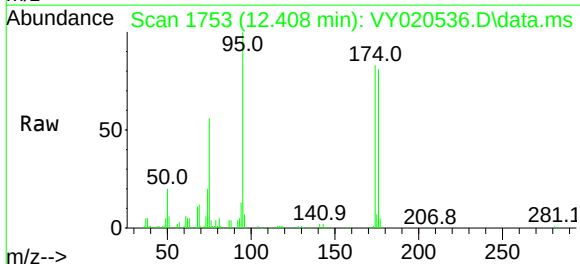
Acq: 06 Dec 2024 15:07

Instrument :

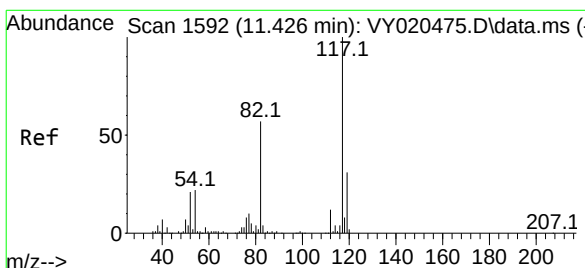
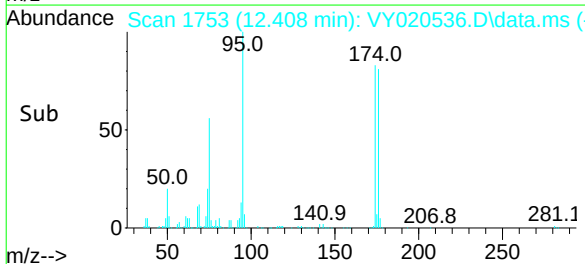
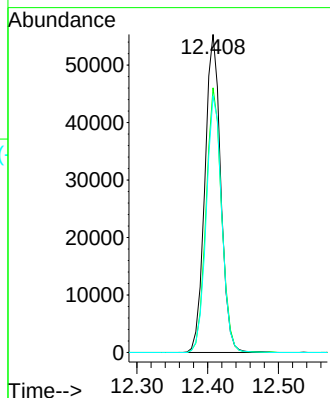
MSVOA_Y

ClientSampleId :

ASPHALT-COMP



Tgt Ion:	95	Resp:	86024
Ion Ratio	Lower	Upper	
95	100		
174	81.4	0.0	156.8
176	79.1	0.0	152.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

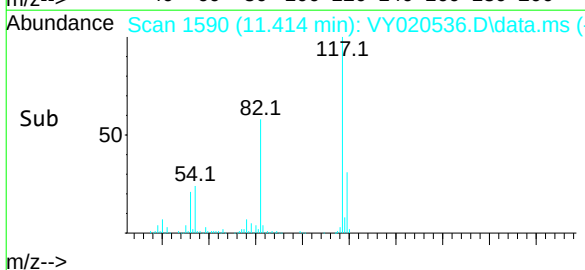
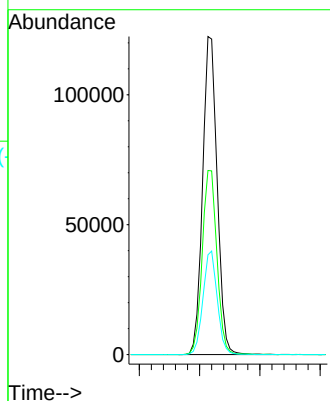
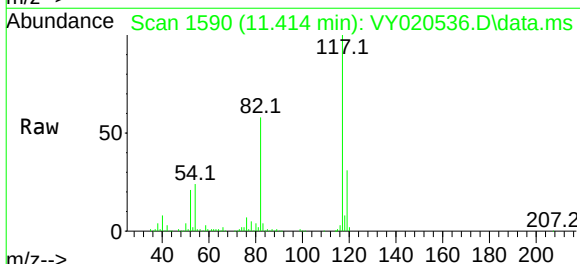
RT: 11.414 min Scan# 1590

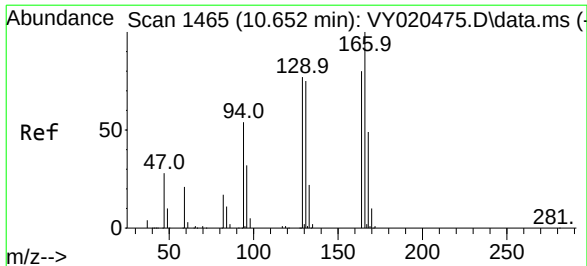
Delta R.T. -0.012 min

Lab File: VY020536.D

Acq: 06 Dec 2024 15:07

Tgt Ion:	117	Resp:	205074
Ion Ratio	Lower	Upper	
117	100		
82	57.9	48.2	72.4
119	31.4	25.8	38.8





#64

Tetrachloroethene

Concen: 18.656 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY020536.D

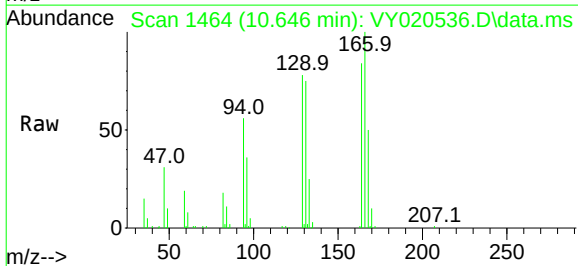
Acq: 06 Dec 2024 15:07

Instrument :

MSVOA_Y

ClientSampleId :

ASPHALT-COMP



Tgt Ion:164 Resp: 32328

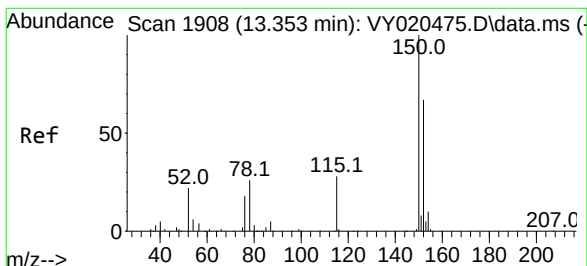
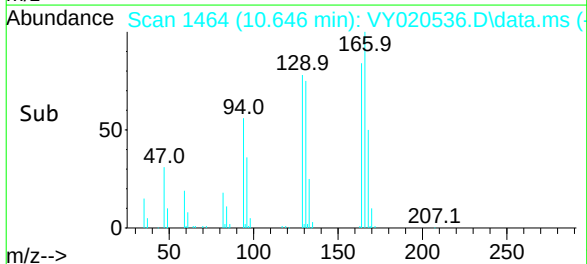
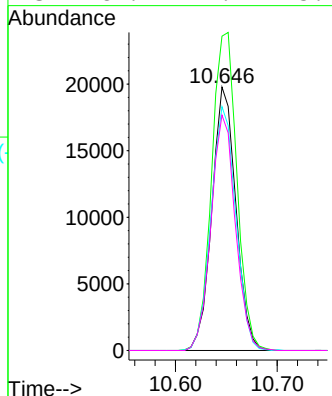
Ion Ratio Lower Upper

164 100

166 119.3 103.8 155.8

129 92.6 79.0 118.4

131 89.4 77.1 115.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY020536.D

Acq: 06 Dec 2024 15:07

Tgt Ion:152 Resp: 77231

Ion Ratio Lower Upper

152 100

115 59.7 30.0 90.0

150 156.4 0.0 348.2

