

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102224\
 Data File : VY019979.D
 Acq On : 22 Oct 2024 14:23
 Operator : SY/MD
 Sample : P4471-01
 Misc : 8.32g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-180-SB01

Quant Time: Oct 23 01:30:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

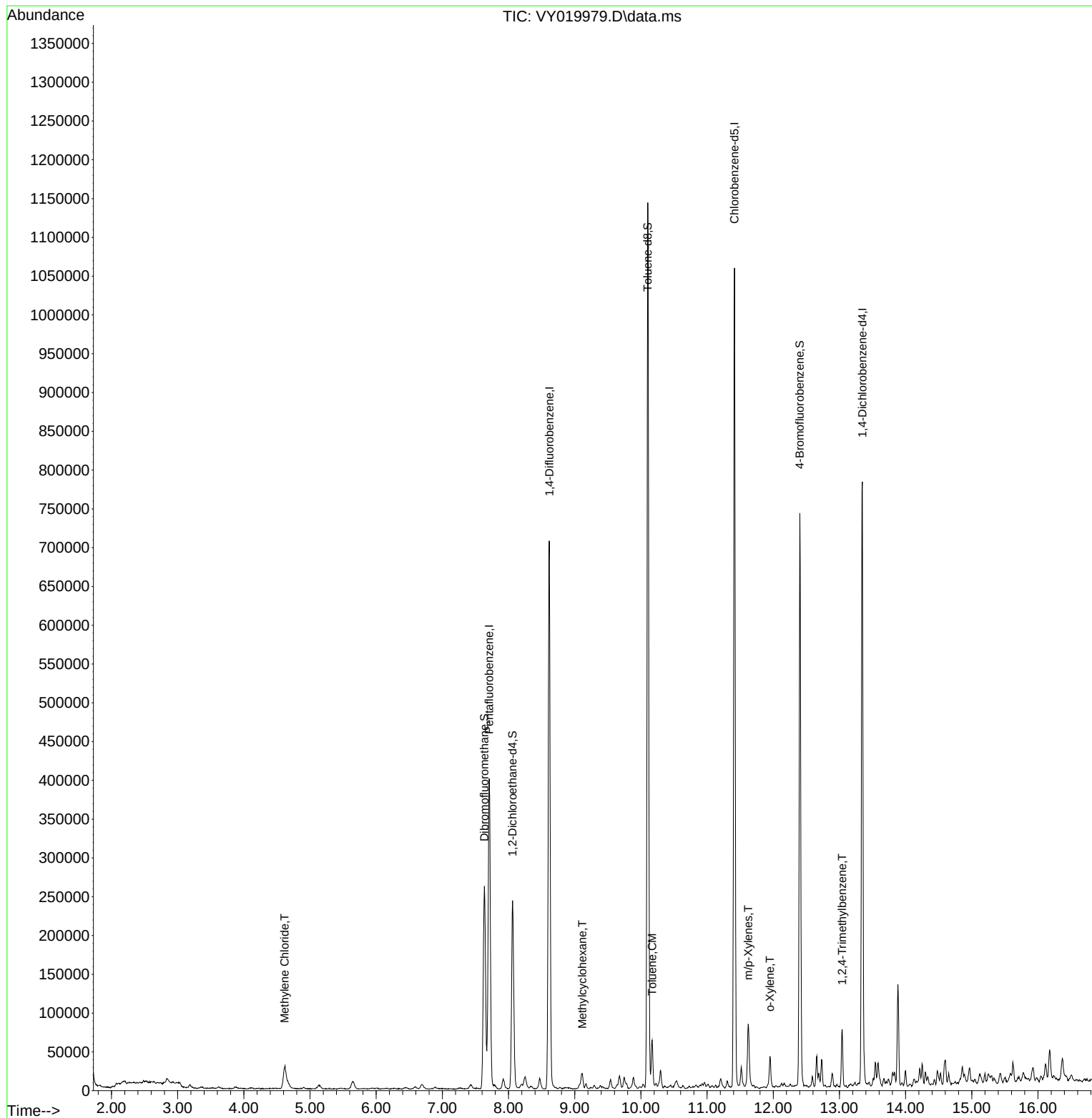
Internal Standards						
1) Pentafluorobenzene	7.707	168	272409	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	558411	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	507425	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	178248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	187390	55.868	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.740%	
35) Dibromofluoromethane	7.634	113	183888	49.903	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.800%	
50) Toluene-d8	10.103	98	695045	51.077	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.160%	
62) 4-Bromofluorobenzene	12.402	95	214219	43.568	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 87.140%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.616	84	18410	4.980	ug/l	# 81
39) Methylcyclohexane	9.116	83	6955	1.040	ug/l	90
52) Toluene	10.170	92	24355	2.429	ug/l	97
68) m/p-Xylenes	11.621	106	20990	2.696	ug/l	92
69) o-Xylene	11.950	106	8735	1.168	ug/l	78
84) 1,2,4-Trimethylbenzene	13.042	105	38093	3.173	ug/l	96

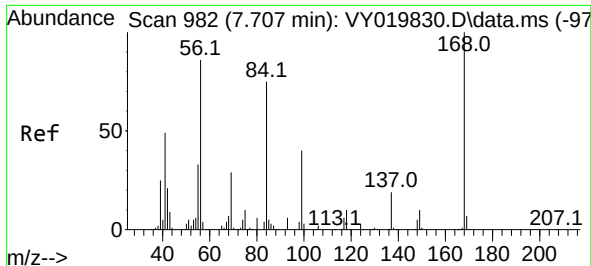
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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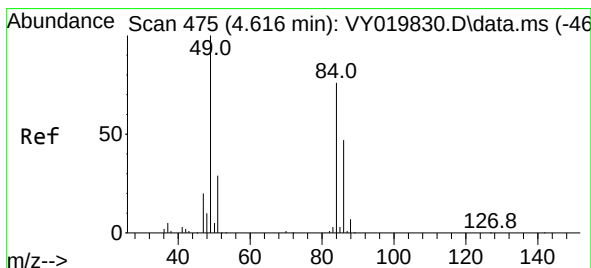
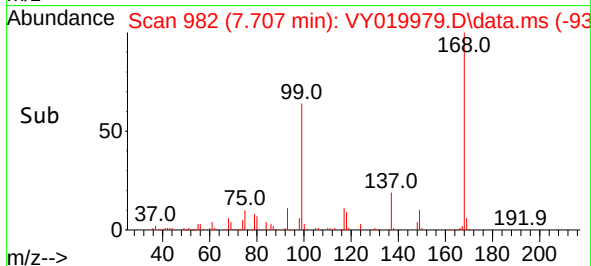
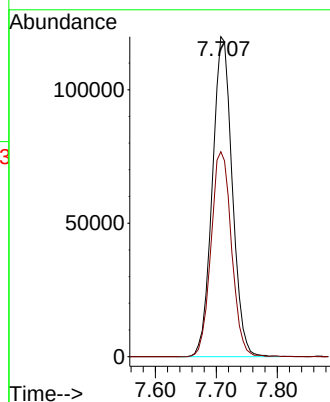
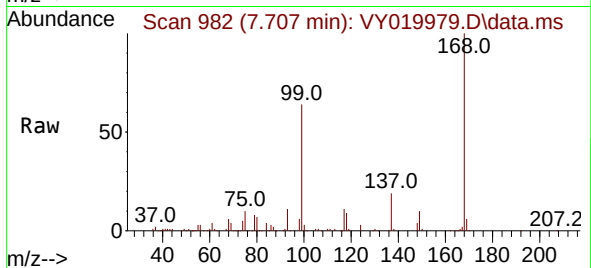




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019979.D
Acq: 22 Oct 2024 14:23

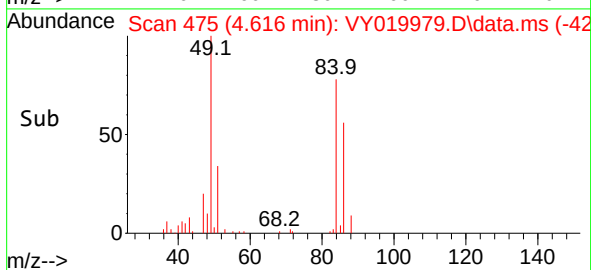
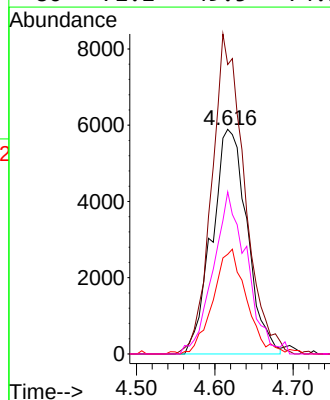
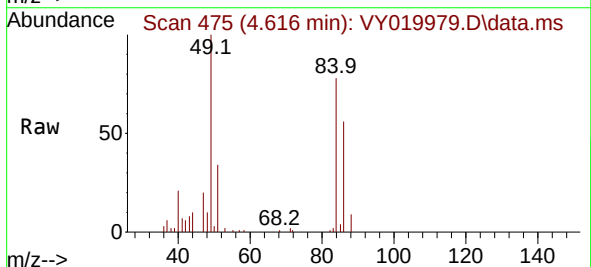
Instrument :
MSVOA_Y
ClientSampleId :
B-180-SB01

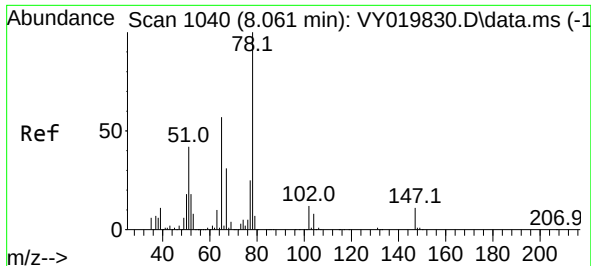
Tgt Ion:168 Resp: 272409
Ion Ratio Lower Upper
168 100
99 64.1 39.1 58.7#



#20
Methylene Chloride
Concen: 4.980 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019979.D
Acq: 22 Oct 2024 14:23

Tgt Ion: 84 Resp: 18410
Ion Ratio Lower Upper
84 100
49 127.7 84.4 126.6#
51 44.4 26.0 39.0#
86 72.2 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 55.868 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019979.D

Acq: 22 Oct 2024 14:23

Instrument :

MSVOA_Y

ClientSampleId :

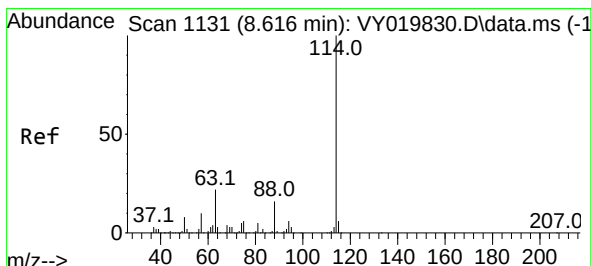
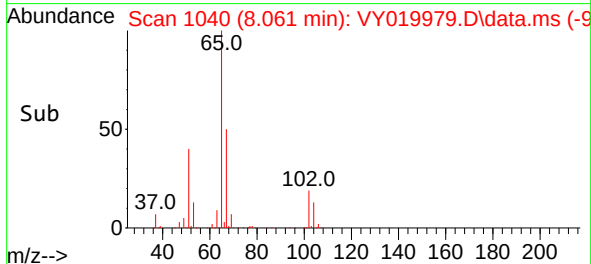
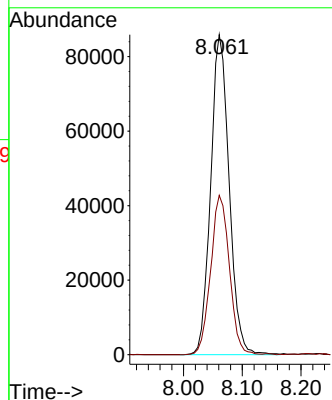
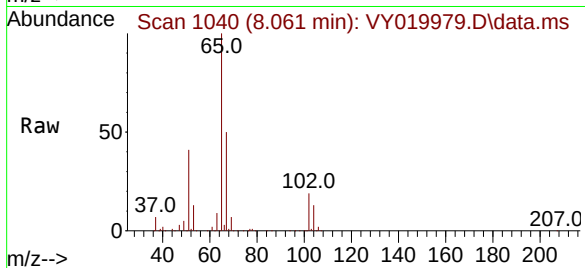
B-180-SB01

Tgt Ion: 65 Resp: 187390

Ion Ratio Lower Upper

65 100

67 50.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019979.D

Acq: 22 Oct 2024 14:23

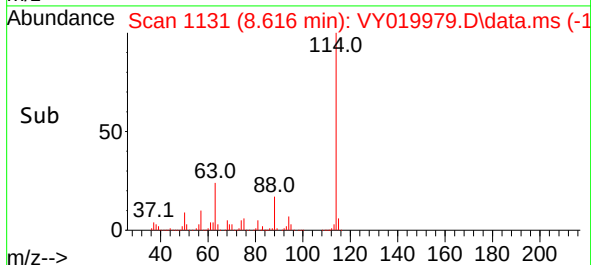
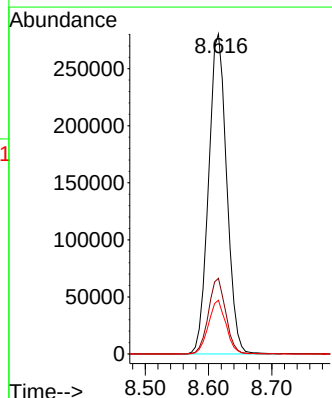
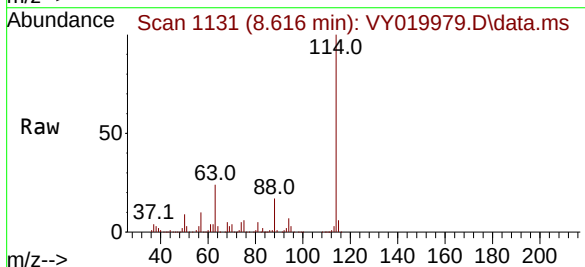
Tgt Ion: 114 Resp: 558411

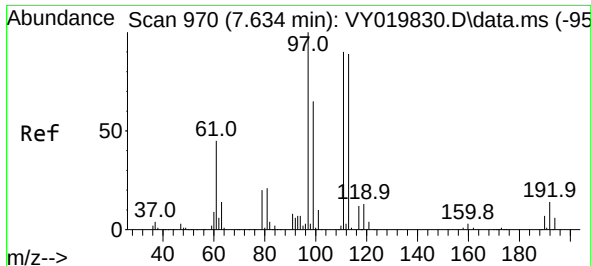
Ion Ratio Lower Upper

114 100

63 23.7 0.0 35.0

88 16.8 0.0 27.2

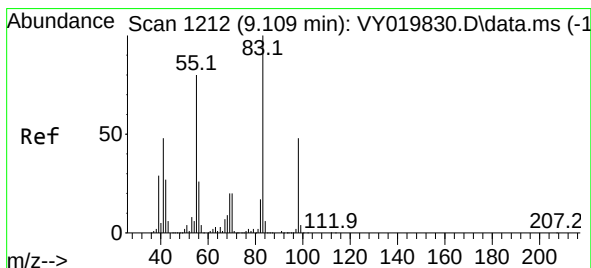
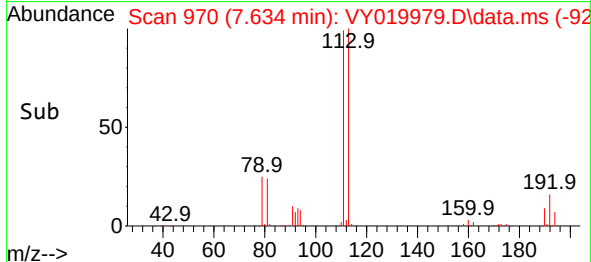
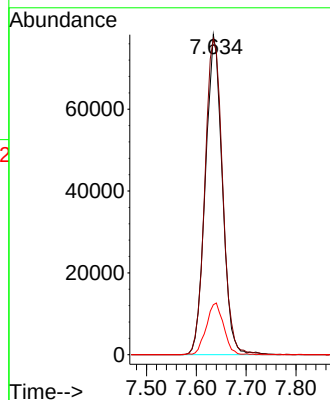
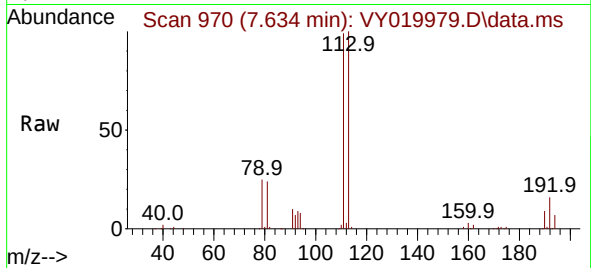




#35
Dibromofluoromethane
Concen: 49.903 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019979.D
Acq: 22 Oct 2024 14:23

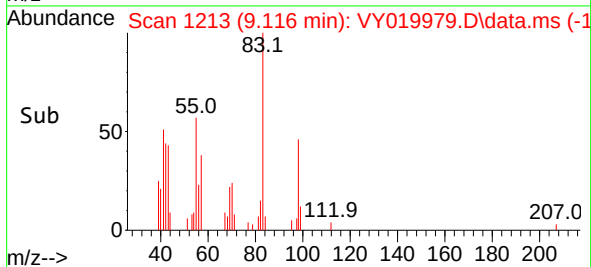
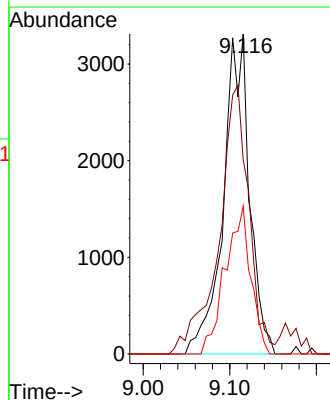
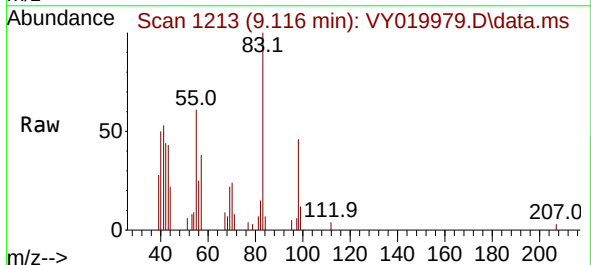
Instrument :
MSVOA_Y
ClientSampleId :
B-180-SB01

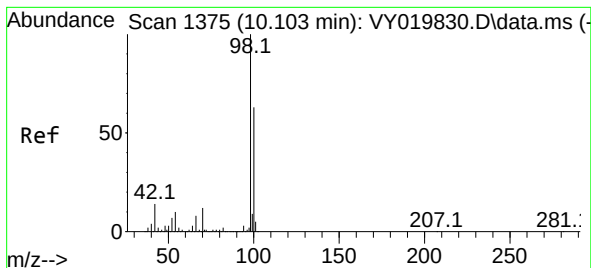
Tgt Ion:113 Resp: 183888
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 16.7 15.9 23.9



#39
Methylcyclohexane
Concen: 1.040 ug/l
RT: 9.116 min Scan# 1213
Delta R.T. 0.006 min
Lab File: VY019979.D
Acq: 22 Oct 2024 14:23

Tgt Ion: 83 Resp: 6955
Ion Ratio Lower Upper
83 100
55 55.1 51.5 77.3
98 46.1 40.5 60.7

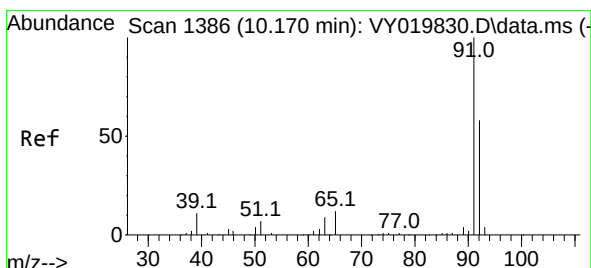
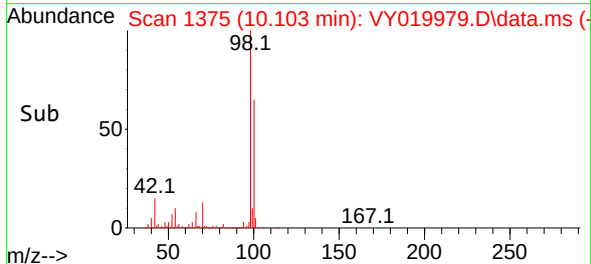
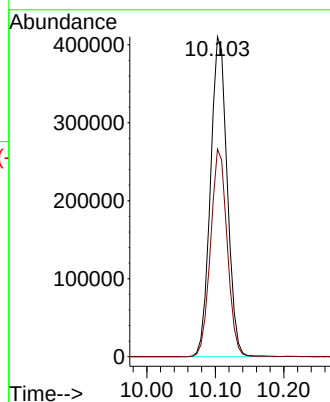
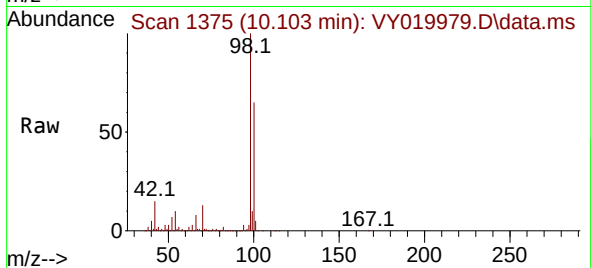




#50
Toluene-d8
Concen: 51.077 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019979.D
Acq: 22 Oct 2024 14:23

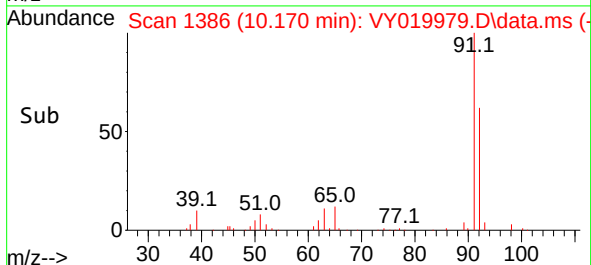
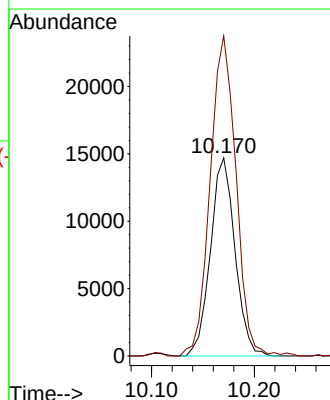
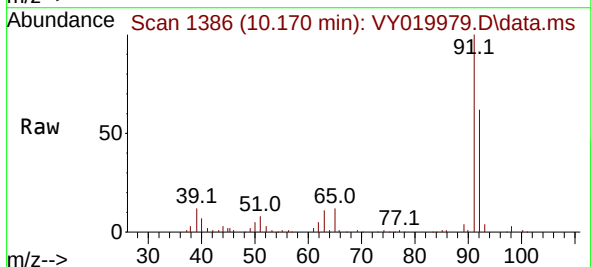
Instrument :
MSVOA_Y
ClientSampleId :
B-180-SB01

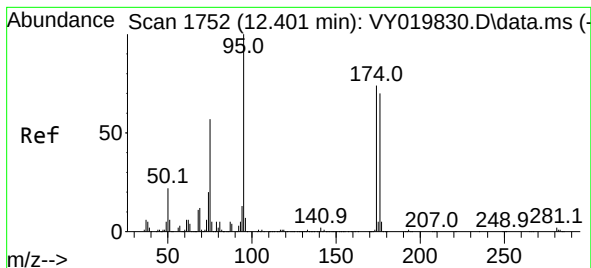
Tgt Ion: 98 Resp: 695045
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#52
Toluene
Concen: 2.429 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY019979.D
Acq: 22 Oct 2024 14:23

Tgt Ion: 92 Resp: 24355
Ion Ratio Lower Upper
92 100
91 170.1 139.0 208.6

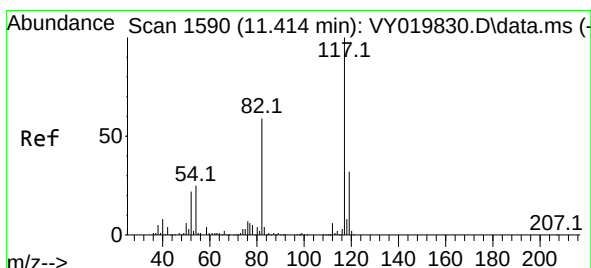
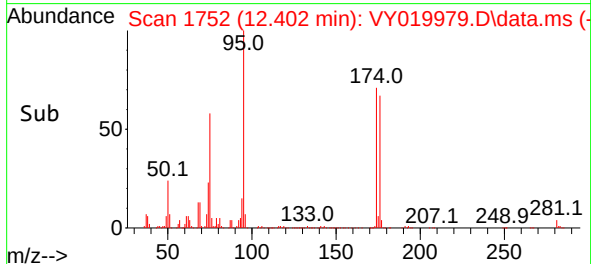
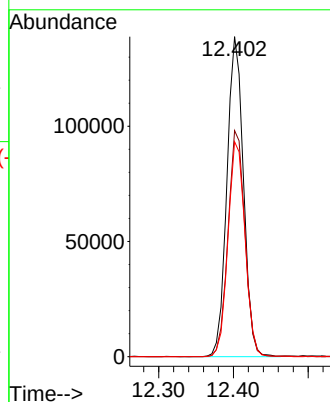
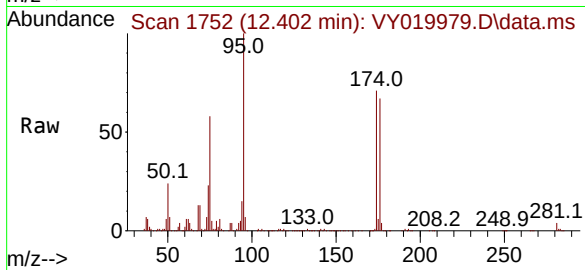




#62
4-Bromofluorobenzene
Concen: 43.568 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019979.D
Acq: 22 Oct 2024 14:23

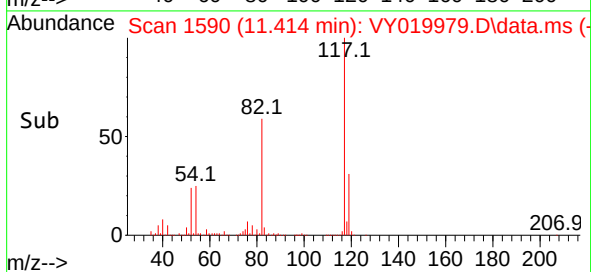
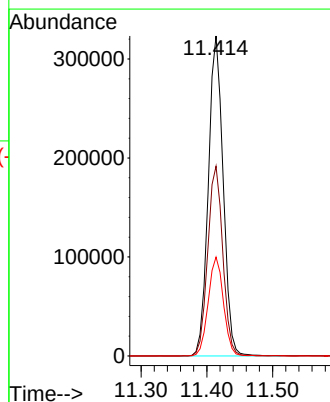
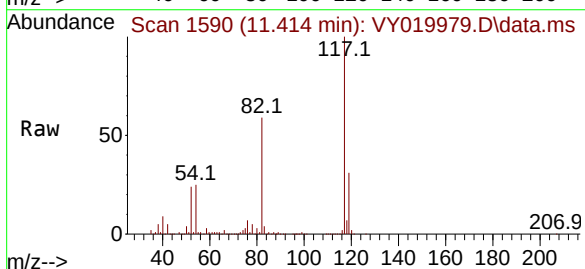
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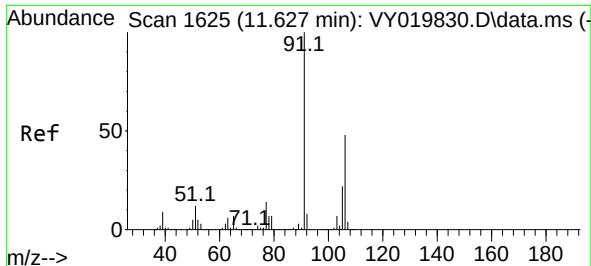
Tgt Ion: 95 Resp: 214219
Ion Ratio Lower Upper
95 100
174 72.0 0.0 175.6
176 69.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019979.D
Acq: 22 Oct 2024 14:23

Tgt Ion: 117 Resp: 507425
Ion Ratio Lower Upper
117 100
82 59.3 42.4 63.6
119 30.9 25.9 38.9

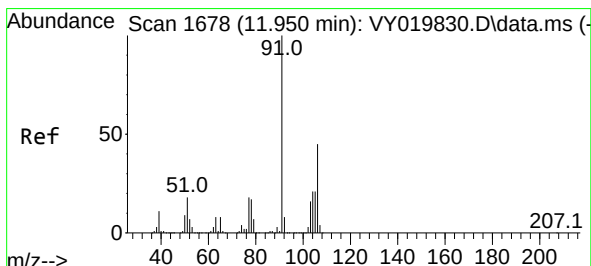
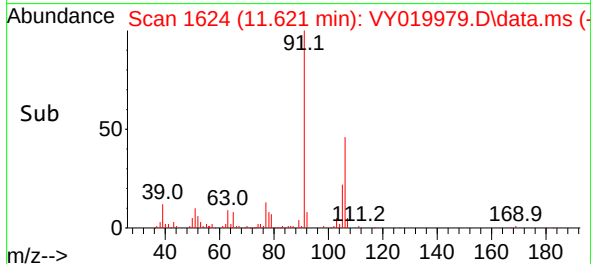
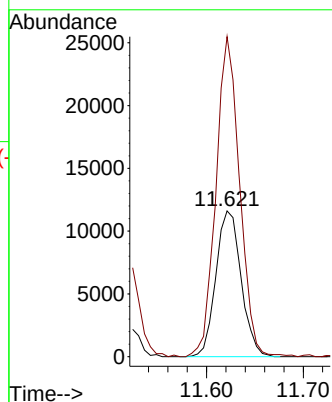
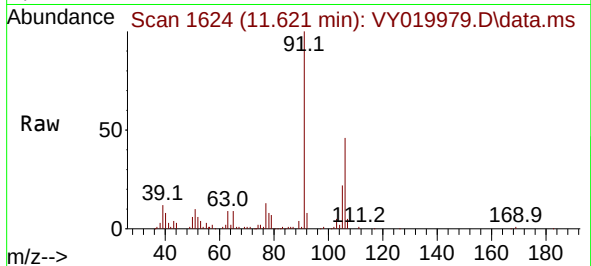




#68
m/p-Xylenes
Concen: 2.696 ug/l
RT: 11.621 min Scan# 11624
Delta R.T. -0.012 min
Lab File: VY019979.D
Acq: 22 Oct 2024 14:23

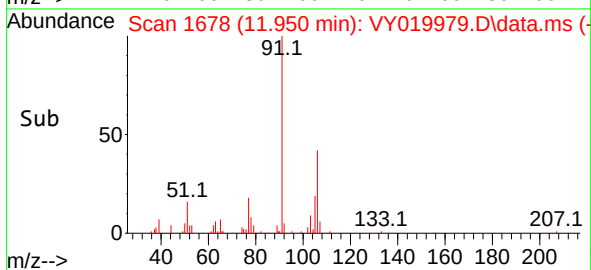
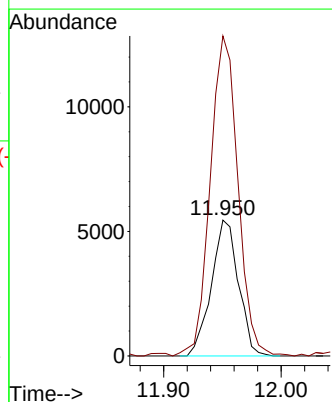
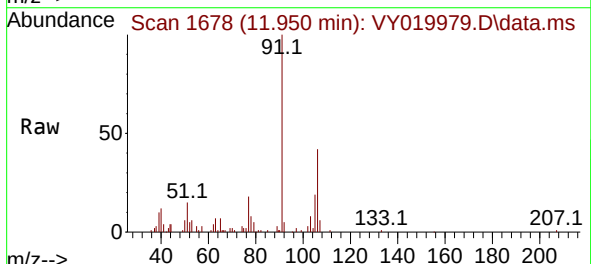
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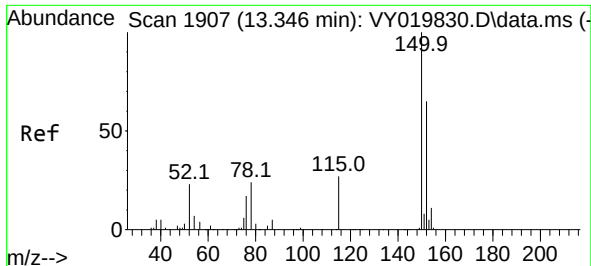
Tgt Ion:106 Resp: 20990
Ion Ratio Lower Upper
106 100
91 206.6 156.0 234.0



#69
o-Xylene
Concen: 1.168 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY019979.D
Acq: 22 Oct 2024 14:23

Tgt Ion:106 Resp: 8735
Ion Ratio Lower Upper
106 100
91 240.9 103.6 310.8

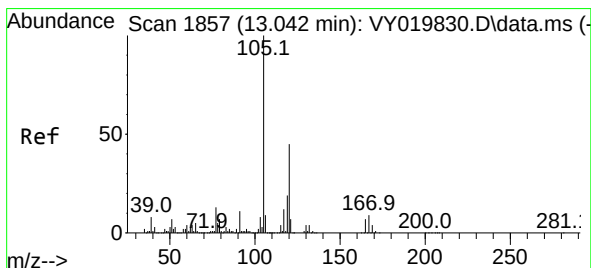
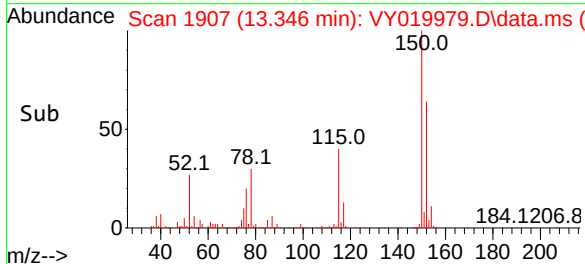
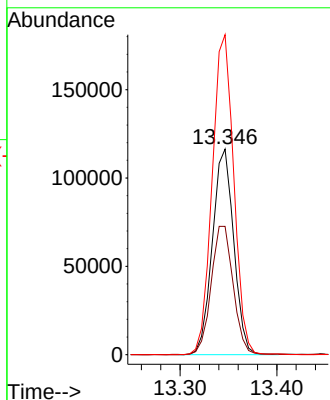
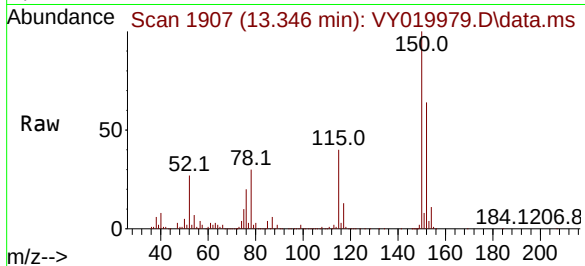




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019979.D
Acq: 22 Oct 2024 14:23

Instrument :
MSVOA_Y
ClientSampleId :
B-180-SB01

Tgt Ion:152 Resp: 178248
Ion Ratio Lower Upper
152 100
115 64.4 28.2 84.7
150 157.0 0.0 345.6



#84
1,2,4-Trimethylbenzene
Concen: 3.173 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VY019979.D
Acq: 22 Oct 2024 14:23

Tgt Ion:105 Resp: 38093
Ion Ratio Lower Upper
105 100
120 43.6 23.2 69.6

