

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071122\
 Data File : VY009505.D
 Acq On : 11 Jul 2022 13:17
 Operator : KP/MD
 Sample : N3593-12RE
 Misc : 4.82g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220486C-4CRE

Quant Time: Jul 12 05:02:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

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

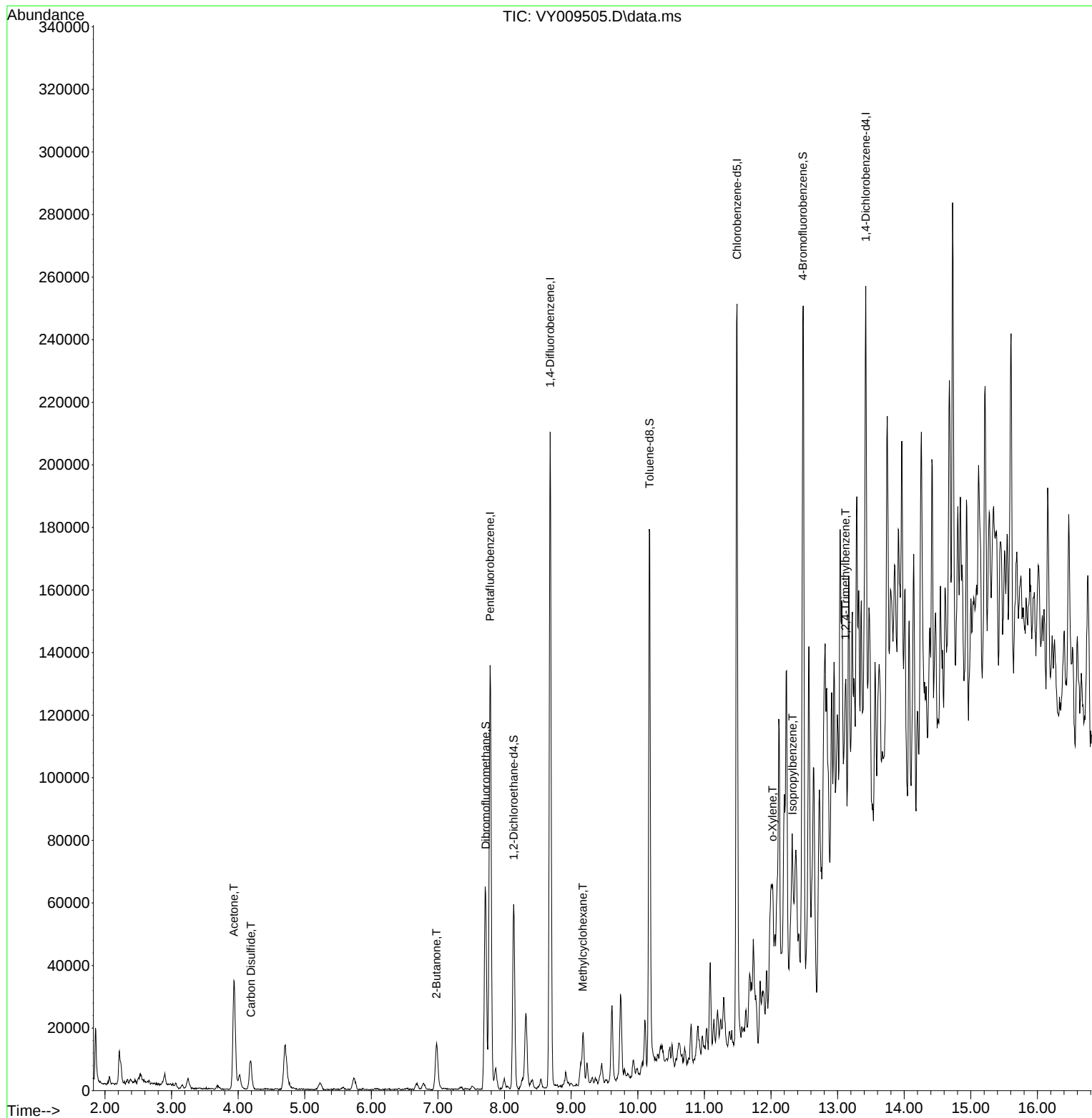
Internal Standards						
1) Pentafluorobenzene	7.783	168	103889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	175811	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	126970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	40663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	44663	62.673	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.340%	
35) Dibromofluoromethane	7.716	113	44607	48.220	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.440%	
50) Toluene-d8	10.179	98	106615	40.491	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 80.980%	
62) 4-Bromofluorobenzene	12.477	95	42158	32.285	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 64.580%	
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	60036	237.554	ug/l	94
17) Carbon Disulfide	4.192	76	18429	10.370	ug/l	96
25) 2-Butanone	6.978	43	23200	56.747	ug/l	98
39) Methylcyclohexane	9.173	83	5405	2.990	ug/l	91
69) o-Xylene	12.026	106	7136	4.385	ug/l	90
73) Isopropylbenzene	12.325	105	6885	2.476	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	18312	7.915	ug/l	93

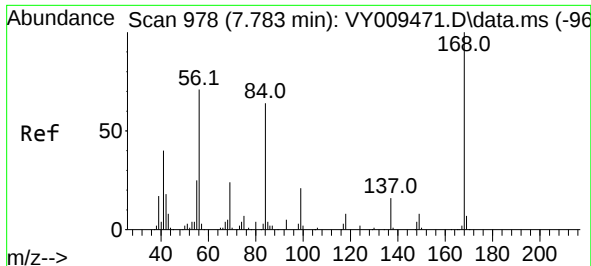
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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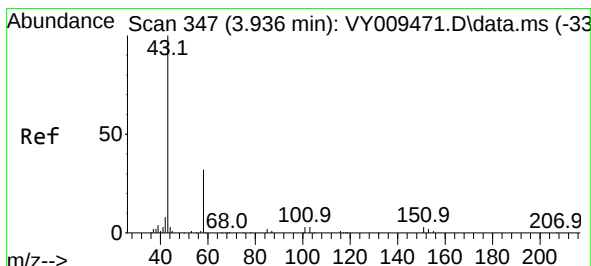
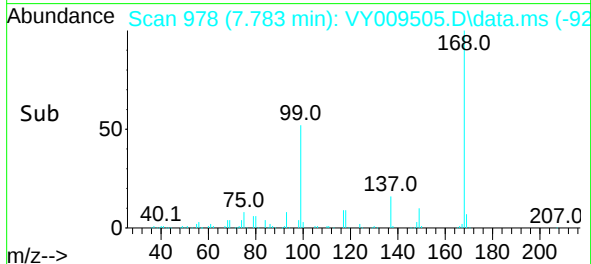
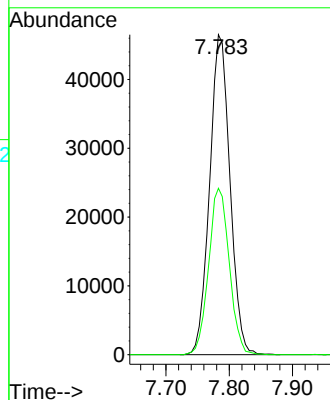
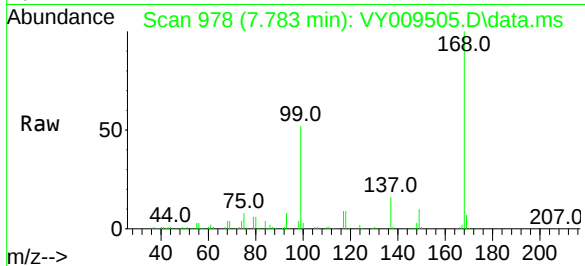




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009505.D
Acq: 11 Jul 2022 13:17

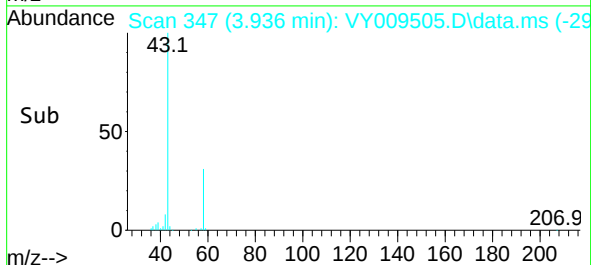
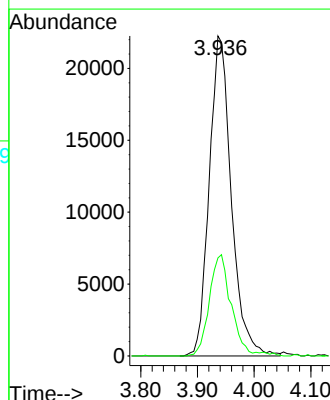
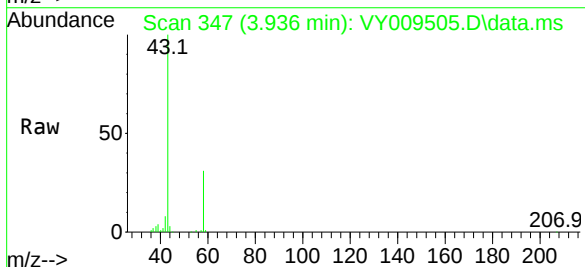
Instrument :
MSVOA_Y
ClientSampleId :
20220486C-4CRE

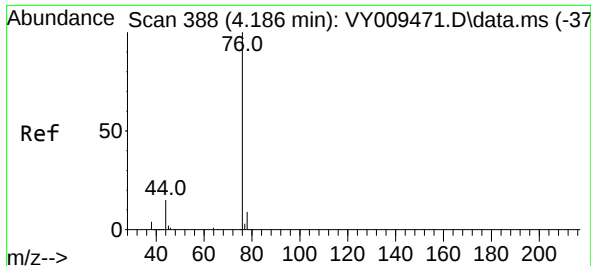
Tgt Ion:168 Resp: 103889
Ion Ratio Lower Upper
168 100
99 52.0 46.9 70.3



#16
Acetone
Concen: 237.554 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009505.D
Acq: 11 Jul 2022 13:17

Tgt Ion: 43 Resp: 60036
Ion Ratio Lower Upper
43 100
58 30.7 22.0 33.0

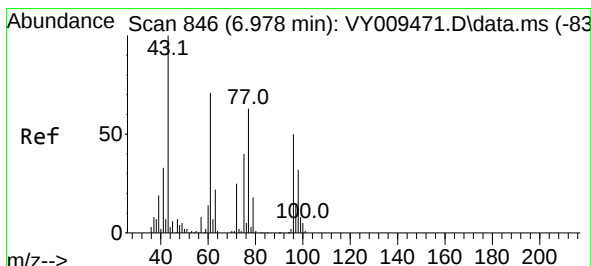
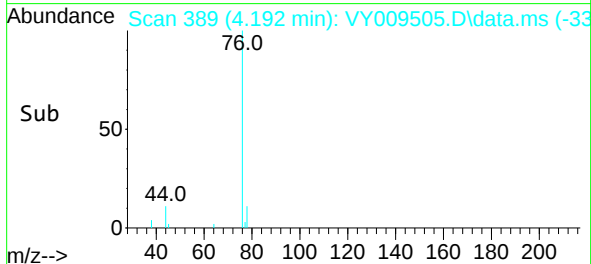
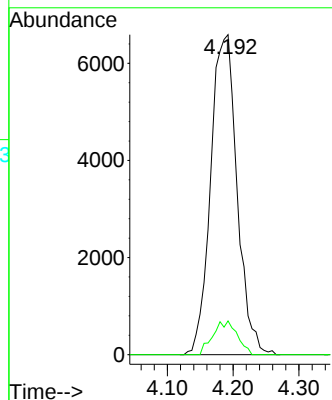
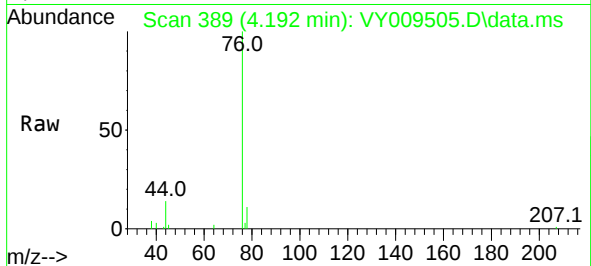




#17
Carbon Disulfide
Concen: 10.370 ug/l
RT: 4.192 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY009505.D
Acq: 11 Jul 2022 13:17

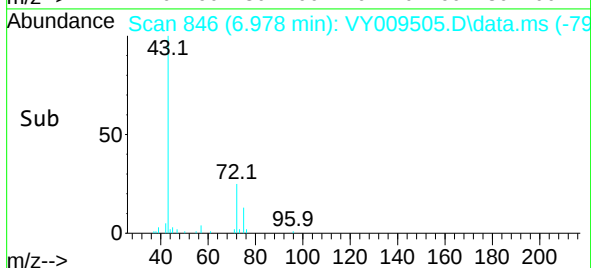
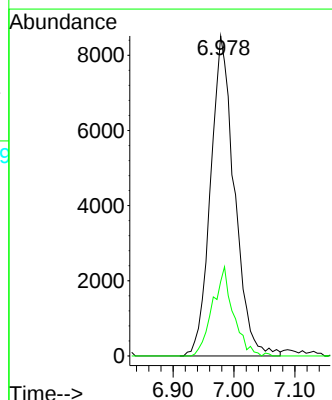
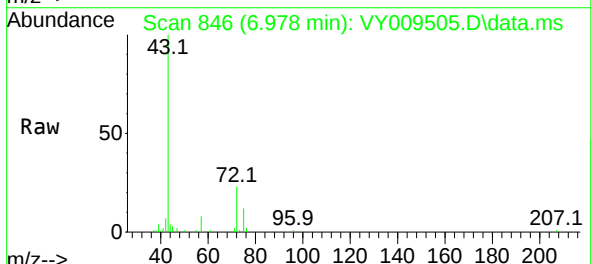
Instrument :
MSVOA_Y
ClientSampleId :
20220486C-4CRE

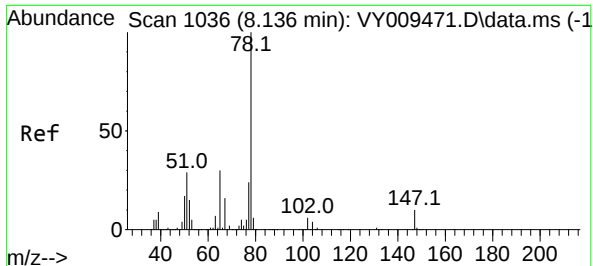
Tgt Ion: 76 Resp: 18429
Ion Ratio Lower Upper
76 100
78 10.6 7.4 11.0



#25
2-Butanone
Concen: 56.747 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009505.D
Acq: 11 Jul 2022 13:17

Tgt Ion: 43 Resp: 23200
Ion Ratio Lower Upper
43 100
72 23.3 17.7 26.5





#33

1,2-Dichloroethane-d4

Concen: 62.673 ug/l

RT: 8.137 min Scan# 1103

Delta R.T. 0.001 min

Lab File: VY009505.D

Acq: 11 Jul 2022 13:17

Instrument :

MSVOA_Y

ClientSampleId :

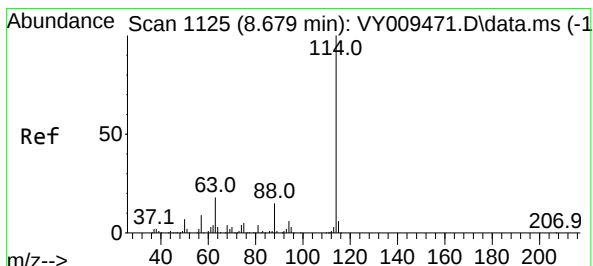
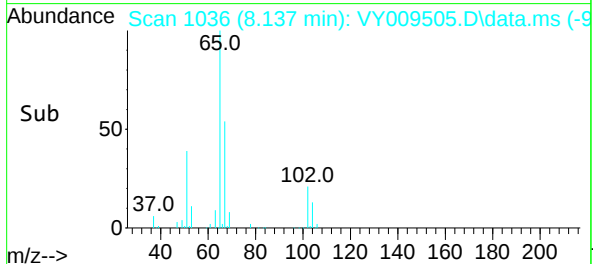
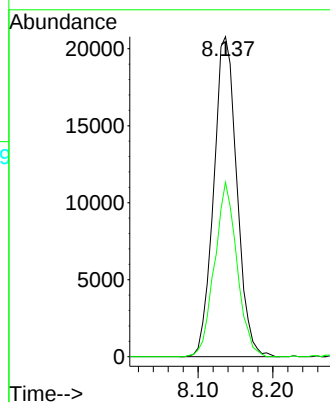
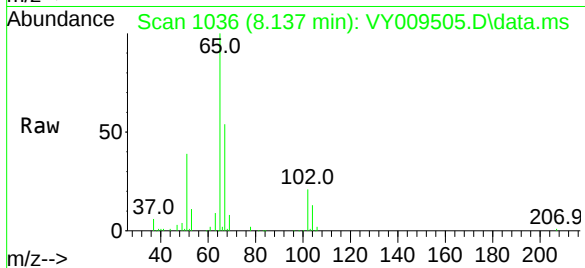
20220486C-4CRE

Tgt Ion: 65 Resp: 44663

Ion Ratio Lower Upper

65 100

67 52.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY009505.D

Acq: 11 Jul 2022 13:17

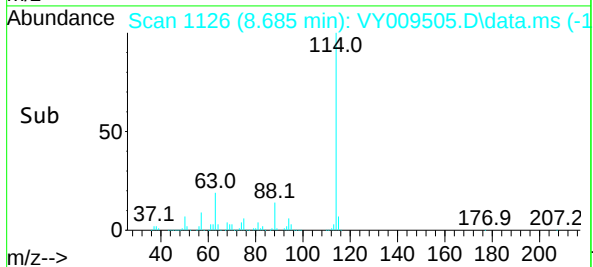
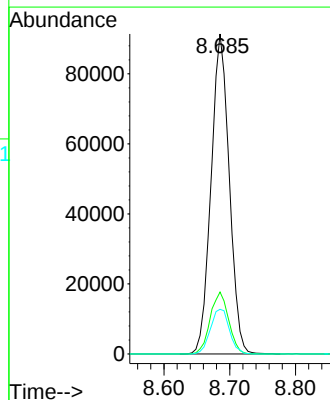
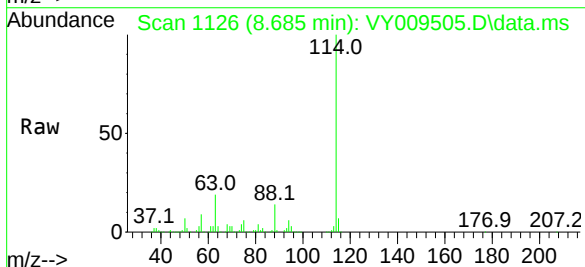
Tgt Ion: 114 Resp: 175811

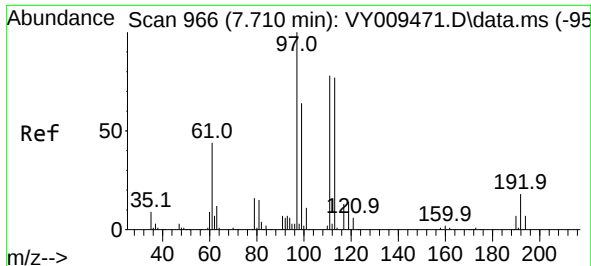
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 14.0 0.0 31.8

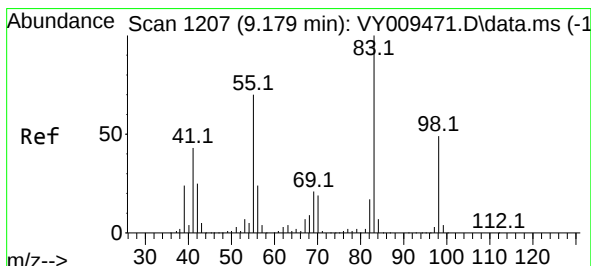
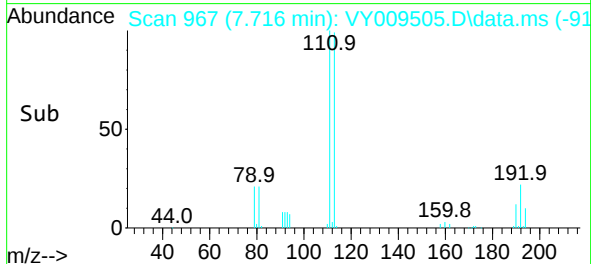
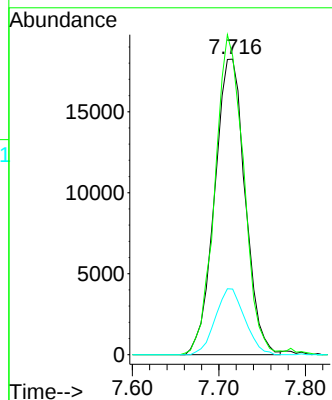
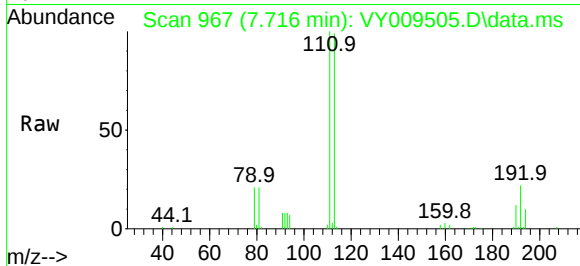




#35
Dibromofluoromethane
Concen: 48.220 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009505.D
Acq: 11 Jul 2022 13:17

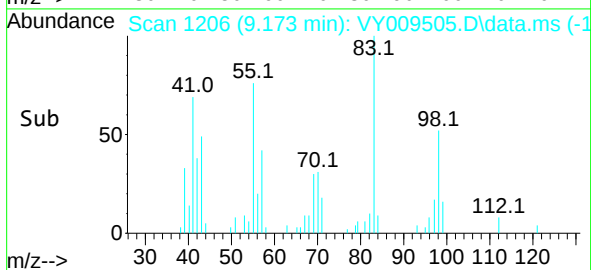
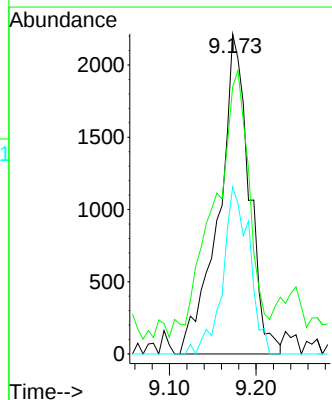
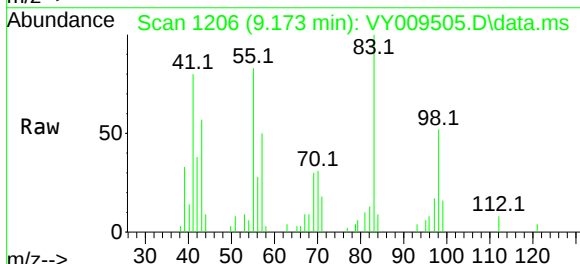
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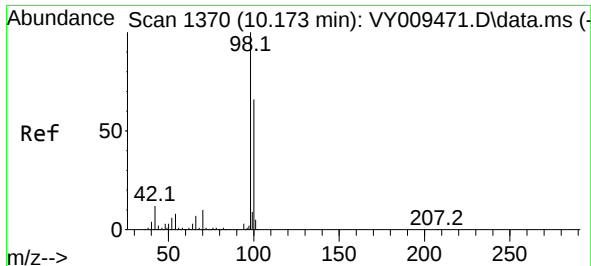
Tgt Ion:113 Resp: 44607
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 21.6 17.6 26.4



#39
Methylcyclohexane
Concen: 2.990 ug/l
RT: 9.173 min Scan# 1206
Delta R.T. -0.006 min
Lab File: VY009505.D
Acq: 11 Jul 2022 13:17

Tgt Ion: 83 Resp: 5405
Ion Ratio Lower Upper
83 100
55 74.1 66.5 99.7
98 52.3 37.9 56.9

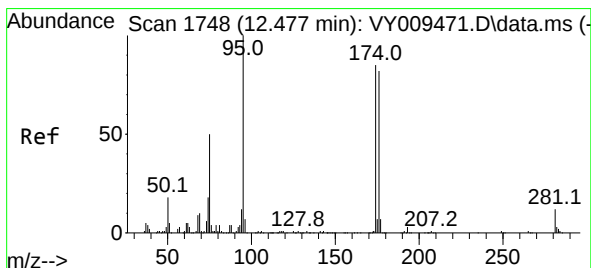
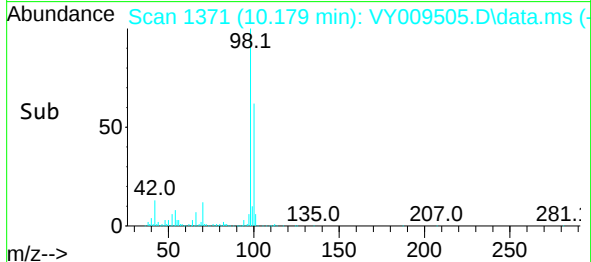
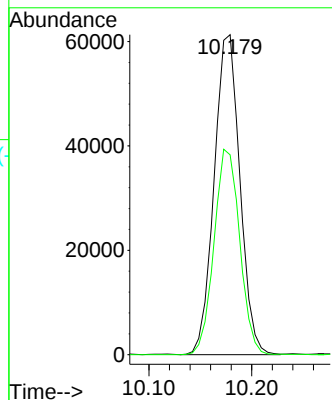
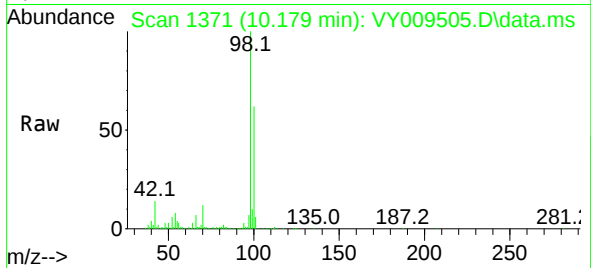




#50
Toluene-d8
Concen: 40.491 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009505.D
Acq: 11 Jul 2022 13:17

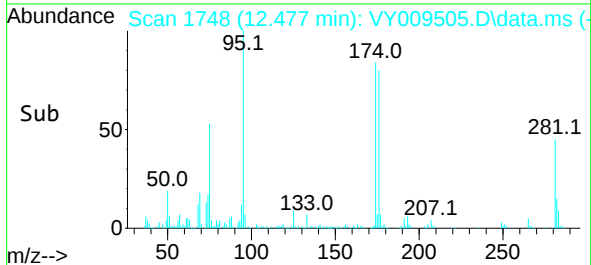
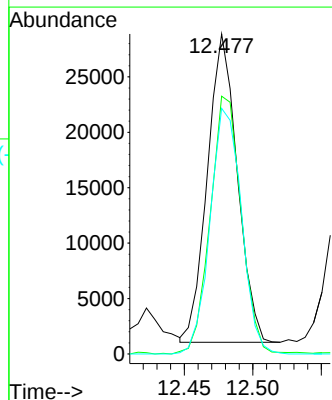
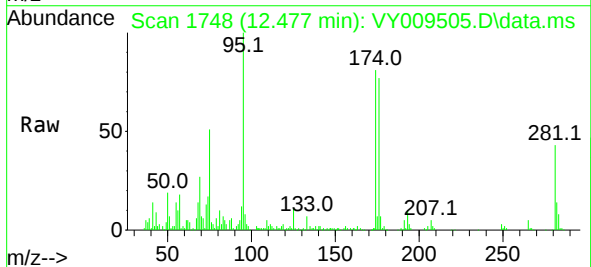
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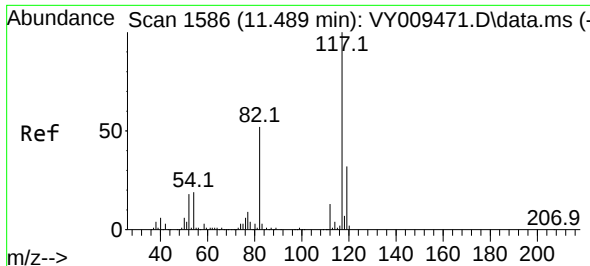
Tgt Ion: 98 Resp: 106615
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 32.285 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009505.D
Acq: 11 Jul 2022 13:17

Tgt Ion: 95 Resp: 42158
Ion Ratio Lower Upper
95 100
174 86.8 0.0 177.0
176 83.4 0.0 175.8

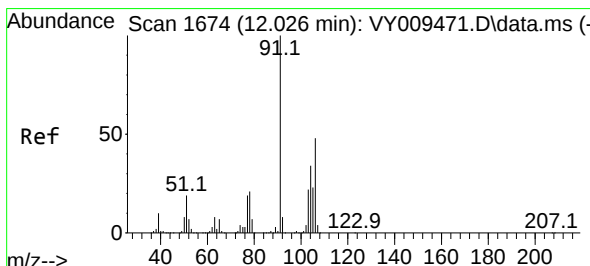
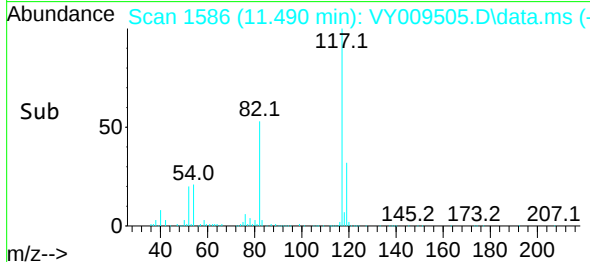
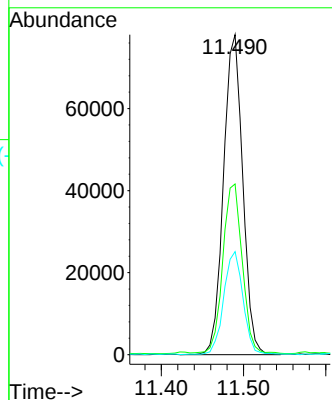
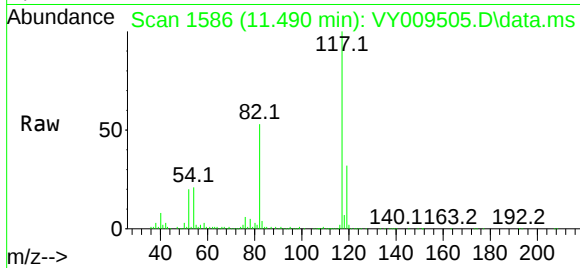




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009505.D
Acq: 11 Jul 2022 13:17

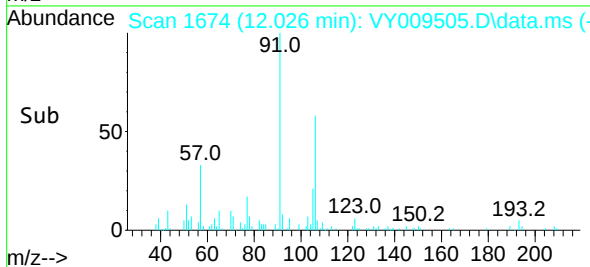
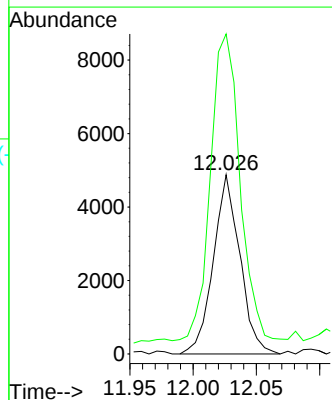
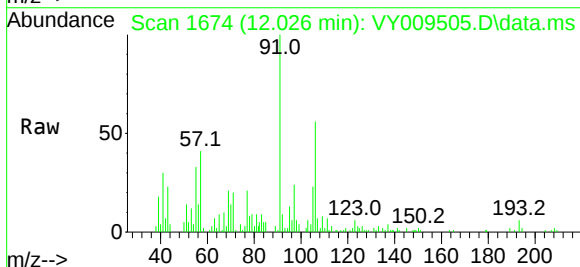
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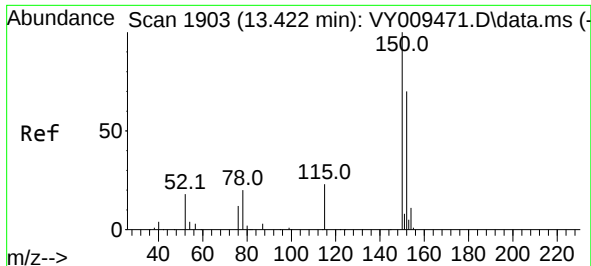
Tgt Ion:117 Resp: 126970
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 32.1 25.4 38.0



#69
o-Xylene
Concen: 4.385 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY009505.D
Acq: 11 Jul 2022 13:17

Tgt Ion:106 Resp: 7136
Ion Ratio Lower Upper
106 100
91 204.8 110.3 331.0

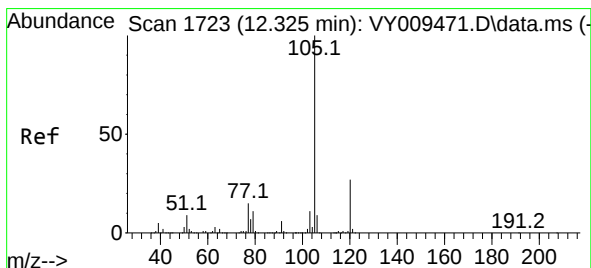
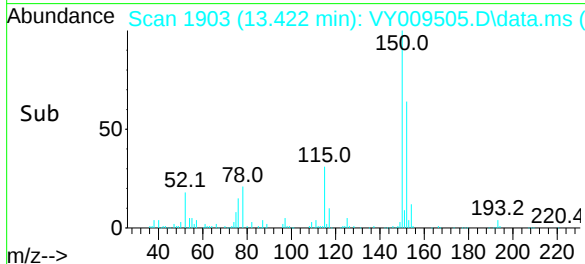
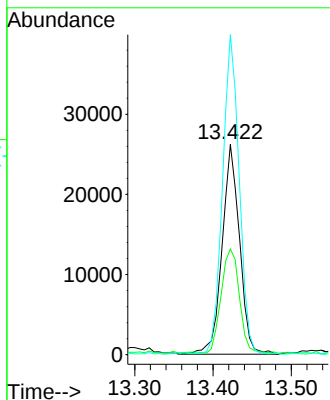
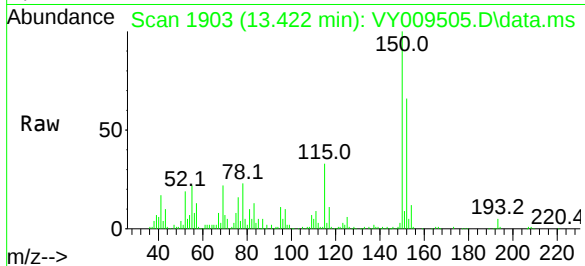




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009505.D
Acq: 11 Jul 2022 13:17

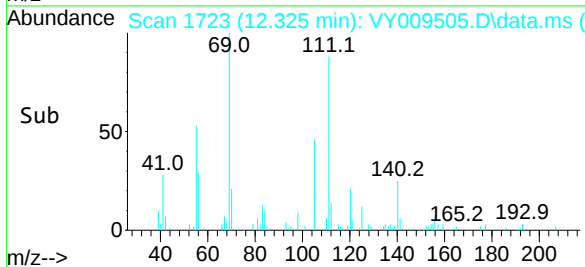
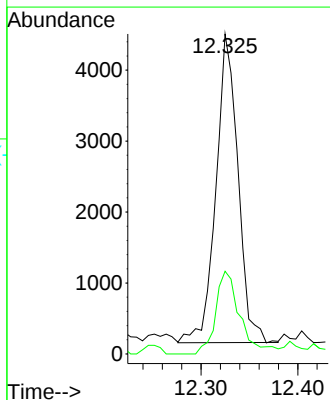
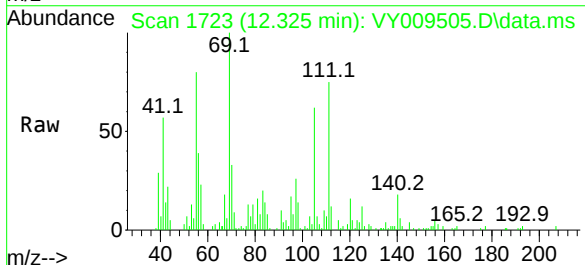
Instrument :
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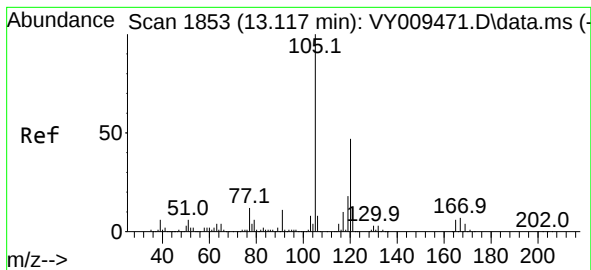
Tgt Ion:152 Resp: 40663
Ion Ratio Lower Upper
152 100
115 51.6 28.2 84.7
150 144.9 0.0 347.6



#73
Isopropylbenzene
Concen: 2.476 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY009505.D
Acq: 11 Jul 2022 13:17

Tgt Ion:105 Resp: 6885
Ion Ratio Lower Upper
105 100
120 29.6 13.4 40.2





#84
 1,2,4-Trimethylbenzene
 Concen: 7.915 ug/l
 RT: 13.117 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY009505.D
 Acq: 11 Jul 2022 13:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220486C-4CRE

Tgt Ion:105 Resp: 18312
 Ion Ratio Lower Upper
 105 100
 120 49.3 22.3 66.9

