

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022422\
 Data File : VY007627.D
 Acq On : 24 Feb 2022 19:01
 Operator : SY/MD
 Sample : N1584-02
 Misc : 6.18g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D9-10.5

Quant Time: Feb 25 05:44:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 24 07:13:58 2022
 Response via : Initial Calibration

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

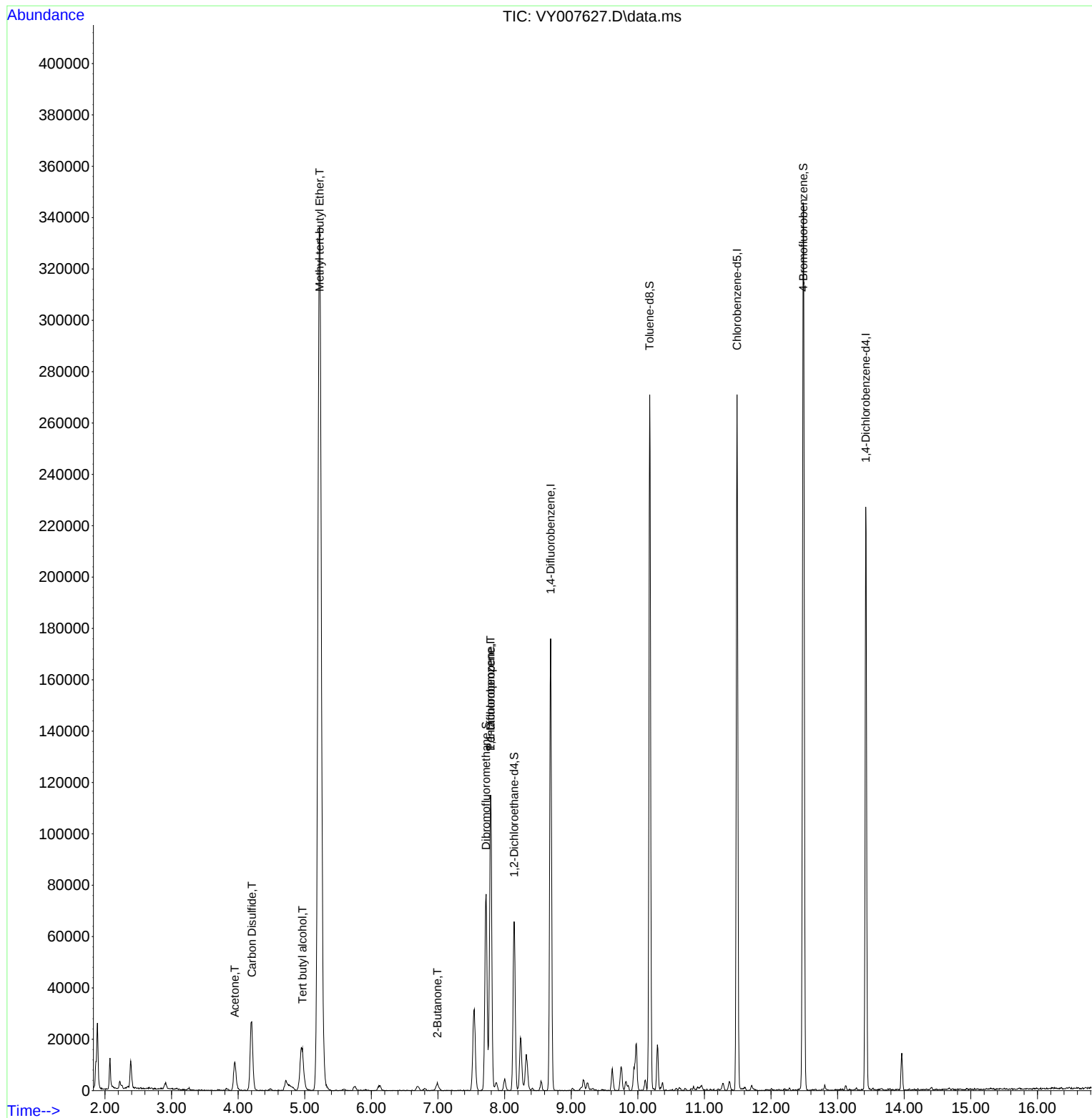
Internal Standards						
1) Pentafluorobenzene	7.789	168	88376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	152156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	145825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	57808	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	54008	54.934	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.860%	
35) Dibromofluoromethane	7.722	113	50247	52.336	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.680%	
50) Toluene-d8	10.179	98	179138	50.399	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.800%	
62) 4-Bromofluorobenzene	12.483	95	57623	47.466	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.940%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	36508	368.694	ug/l #	77
16) Acetone	3.948	43	19091	85.264	ug/l	91
17) Carbon Disulfide	4.204	76	56626	22.825	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	648606	241.751	ug/l #	90
25) 2-Butanone	6.990	43	4433	17.463	ug/l #	44
36) 1,1-Dichloropropene	7.789	75	6068	4.386	ug/l #	55

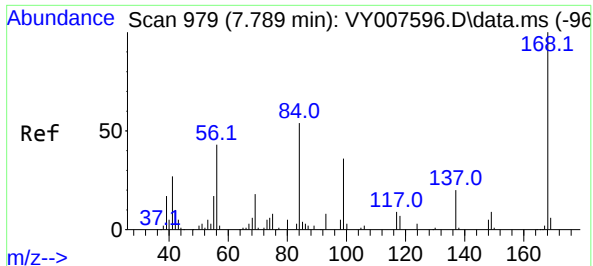
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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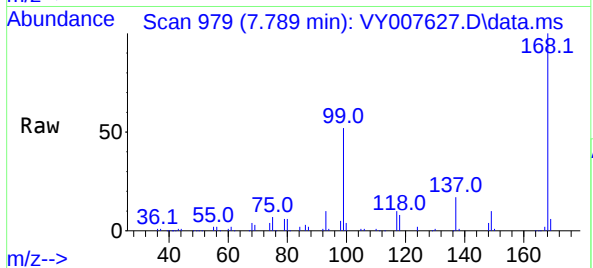
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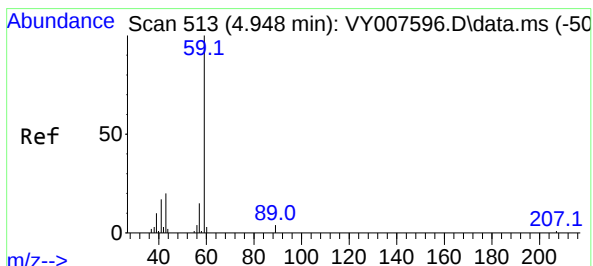
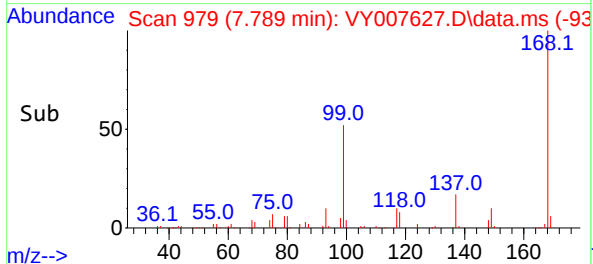
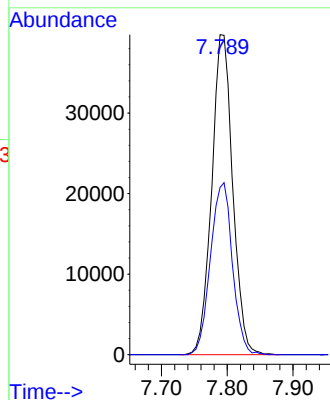


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007627.D
Acq: 24 Feb 2022 19:01

Instrument :
MSVOA_Y
ClientSampleId :
D9-10.5

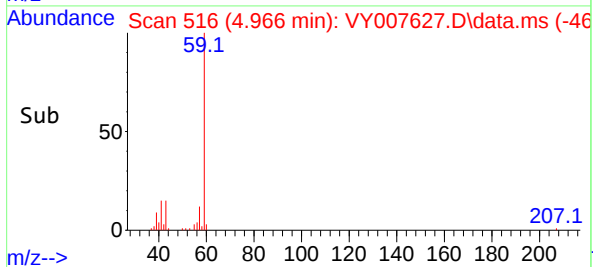
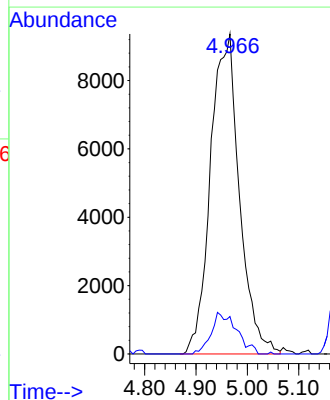
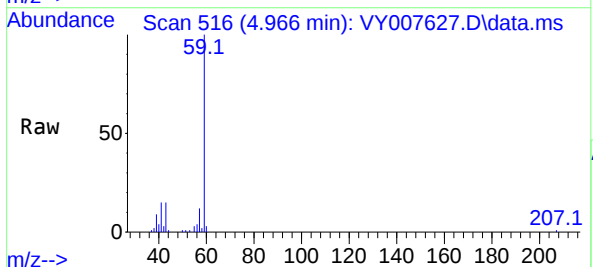


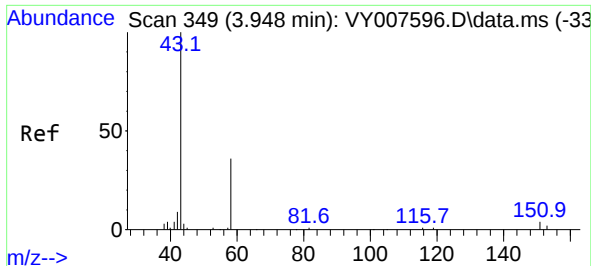
Tgt Ion:168 Resp: 88376
Ion Ratio Lower Upper
168 100
99 52.2 46.9 70.3



#11
Tert butyl alcohol
Concen: 368.694 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.018 min
Lab File: VY007627.D
Acq: 24 Feb 2022 19:01

Tgt Ion: 59 Resp: 36508
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

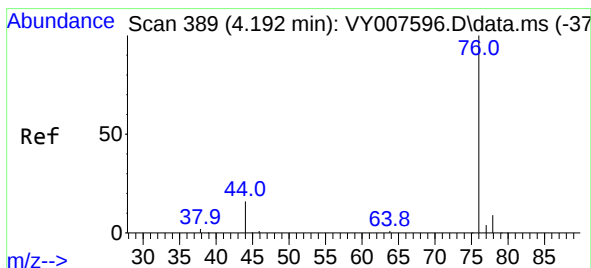
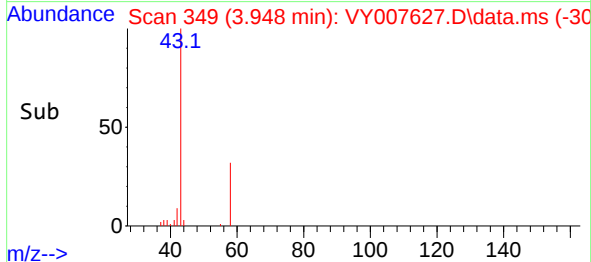
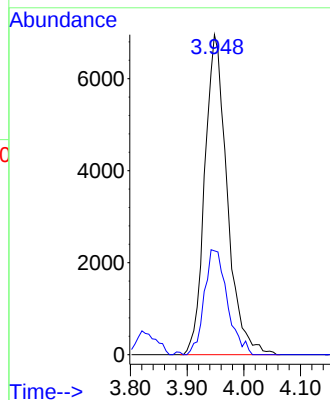
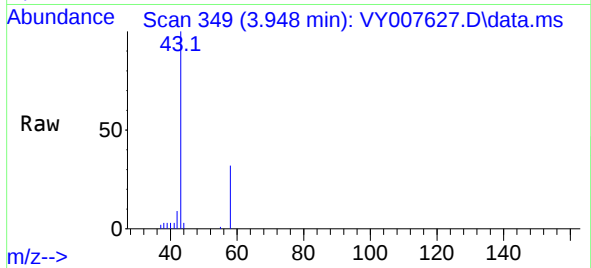




#16
Acetone
Concen: 85.264 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007627.D
Acq: 24 Feb 2022 19:01

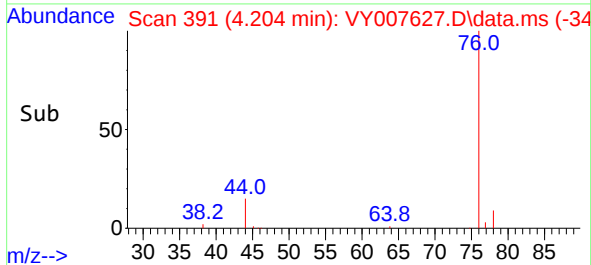
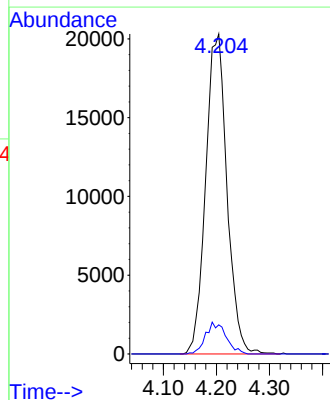
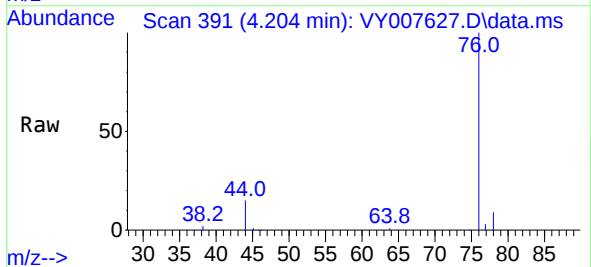
Instrument :
MSVOA_Y
ClientSampleId :
D9-10.5

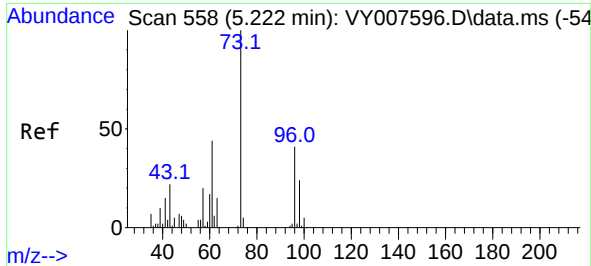
Tgt Ion: 43 Resp: 19091
Ion Ratio Lower Upper
43 100
58 32.5 22.0 33.0



#17
Carbon Disulfide
Concen: 22.825 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY007627.D
Acq: 24 Feb 2022 19:01

Tgt Ion: 76 Resp: 56626
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

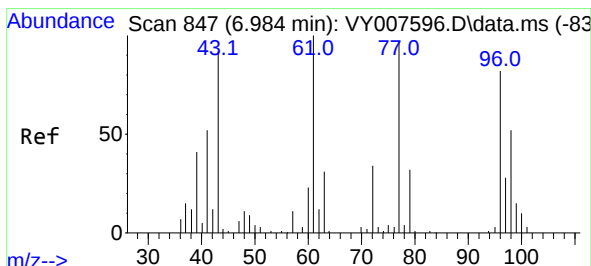
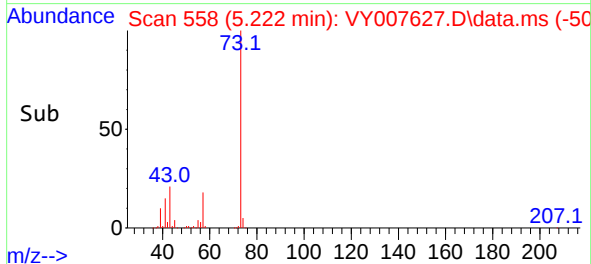
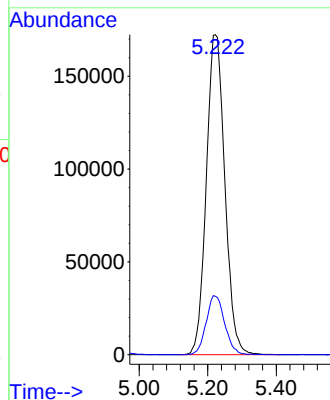
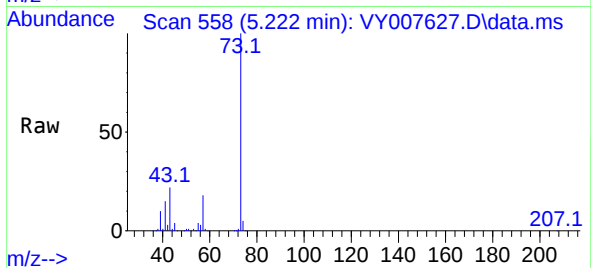




#19
Methyl tert-butyl Ether
Concen: 241.751 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY007627.D
Acq: 24 Feb 2022 19:01

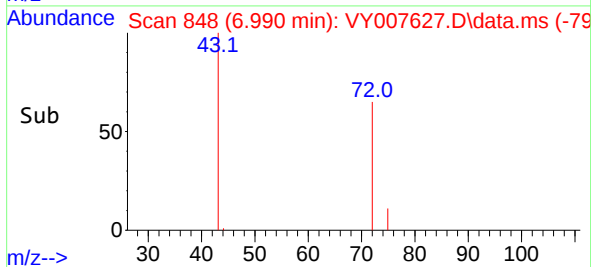
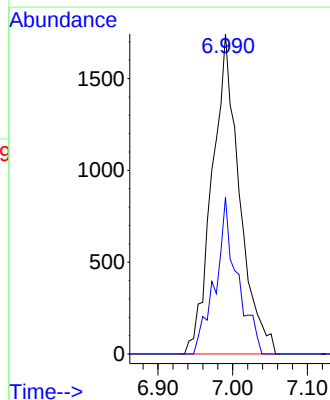
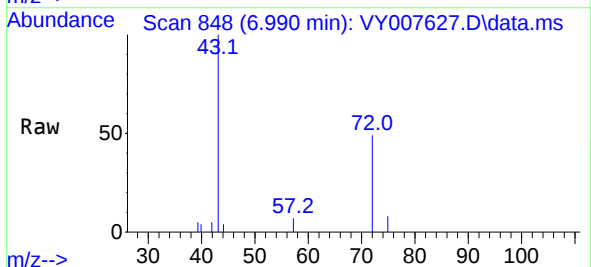
Instrument :
MSVOA_Y
ClientSampleId :
D9-10.5

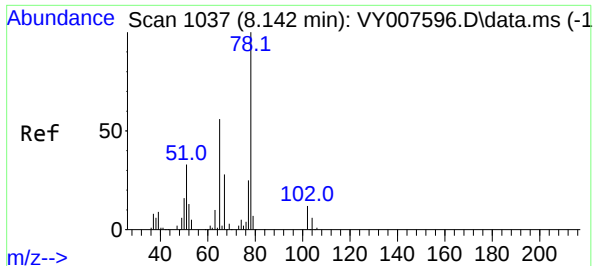
Tgt Ion: 73 Resp: 648606
Ion Ratio Lower Upper
73 100
57 18.3 18.6 27.8#



#25
2-Butanone
Concen: 17.463 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY007627.D
Acq: 24 Feb 2022 19:01

Tgt Ion: 43 Resp: 4433
Ion Ratio Lower Upper
43 100
72 49.1 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 54.934 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VY007627.D

Acq: 24 Feb 2022 19:01

Instrument :

MSVOA_Y

ClientSampleId :

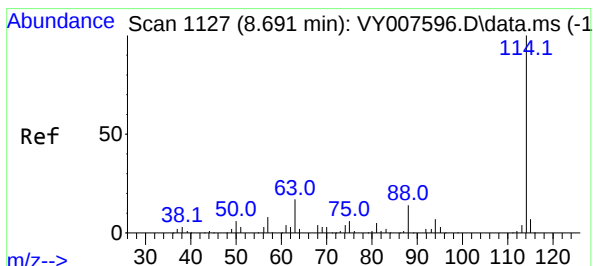
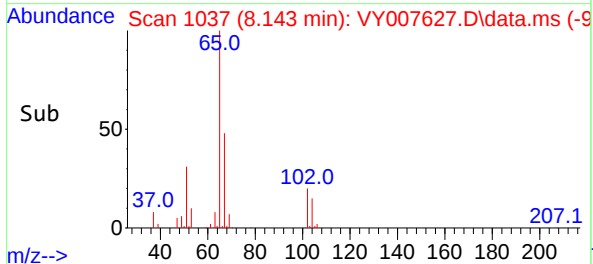
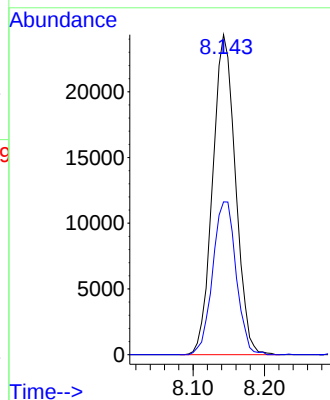
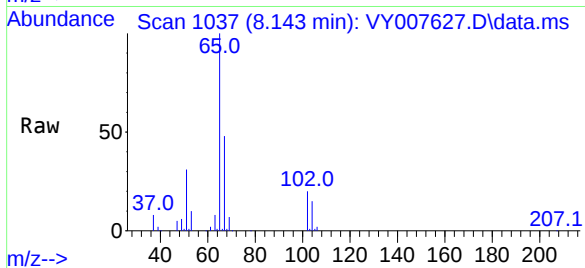
D9-10.5

Tgt Ion: 65 Resp: 54008

Ion Ratio Lower Upper

65 100

67 49.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007627.D

Acq: 24 Feb 2022 19:01

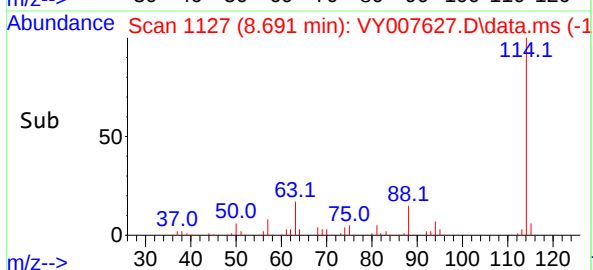
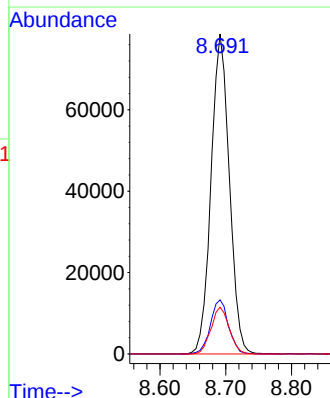
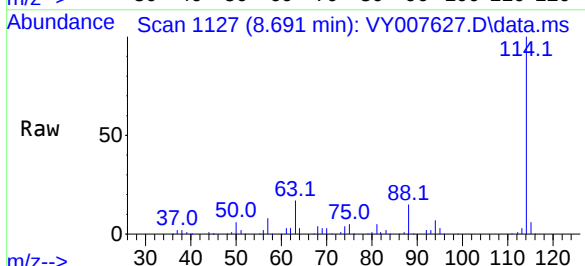
Tgt Ion: 114 Resp: 152156

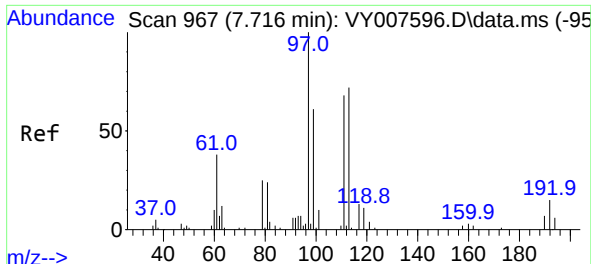
Ion Ratio Lower Upper

114 100

63 16.9 0.0 43.2

88 14.6 0.0 31.8

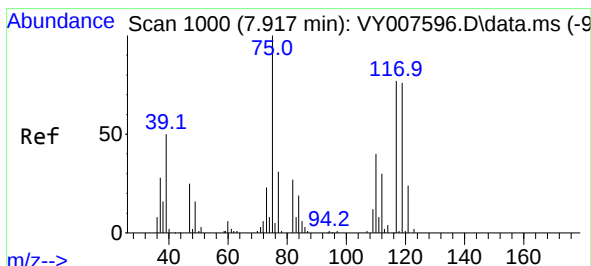
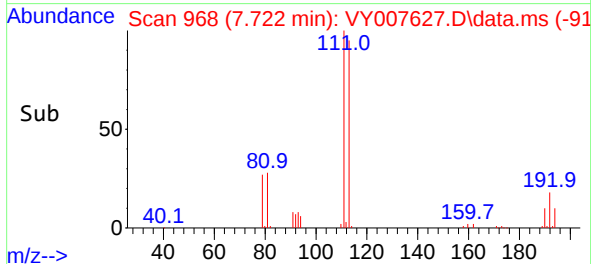
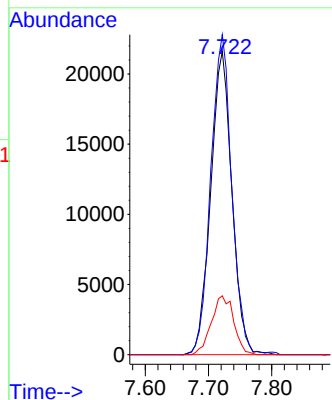
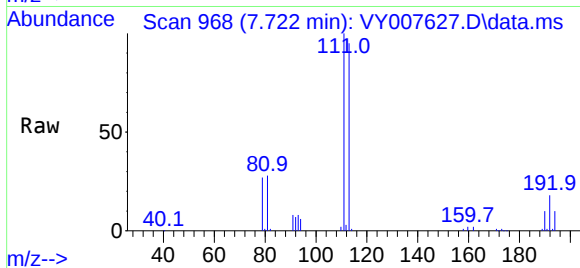




#35
Dibromofluoromethane
Concen: 52.336 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY007627.D
Acq: 24 Feb 2022 19:01

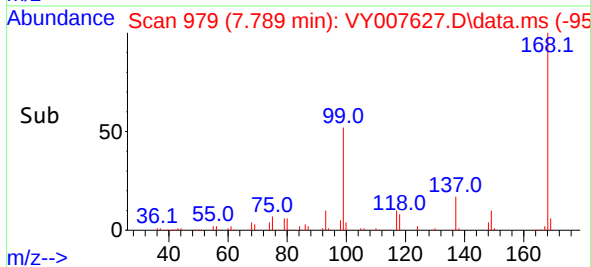
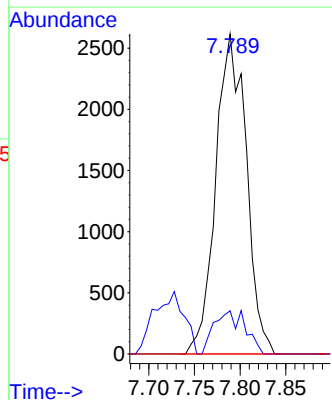
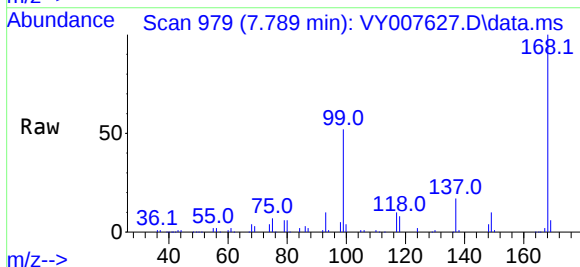
Instrument :
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D9-10.5

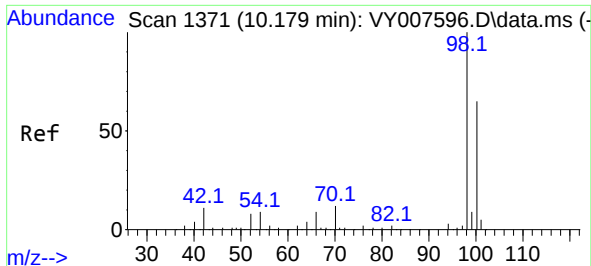
Tgt Ion:113 Resp: 50247
Ion Ratio Lower Upper
113 100
111 104.2 82.6 124.0
192 20.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.386 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007627.D
Acq: 24 Feb 2022 19:01

Tgt Ion: 75 Resp: 6068
Ion Ratio Lower Upper
75 100
110 13.8 17.1 51.2#
77 0.0 24.4 36.6#

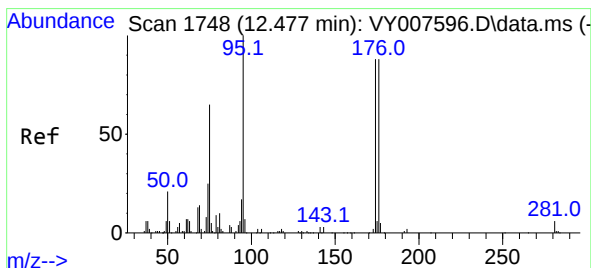
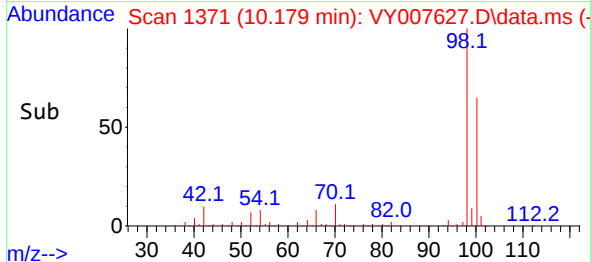
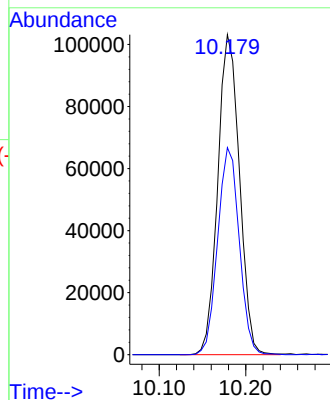
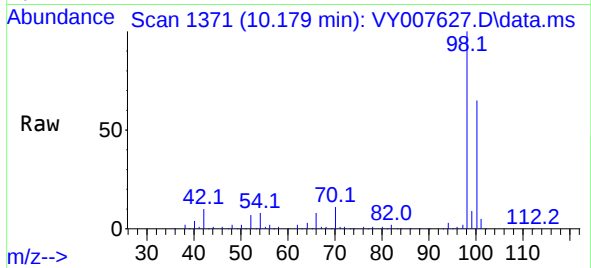




#50
Toluene-d8
Concen: 50.399 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007627.D
Acq: 24 Feb 2022 19:01

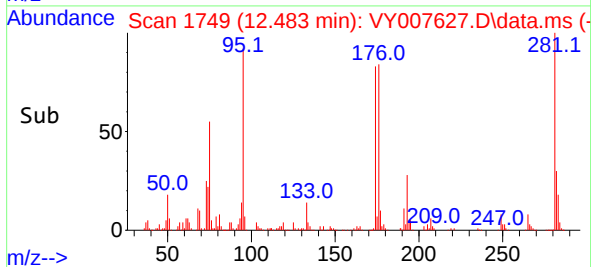
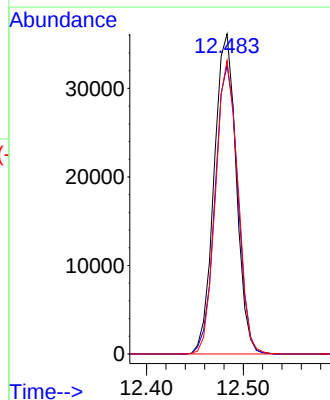
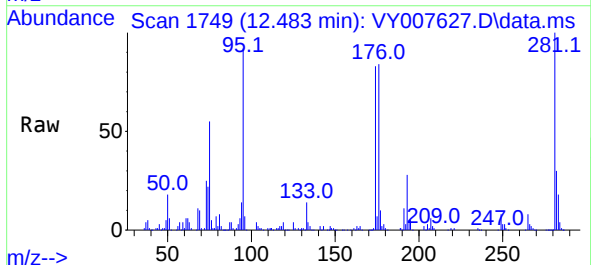
Instrument :
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D9-10.5

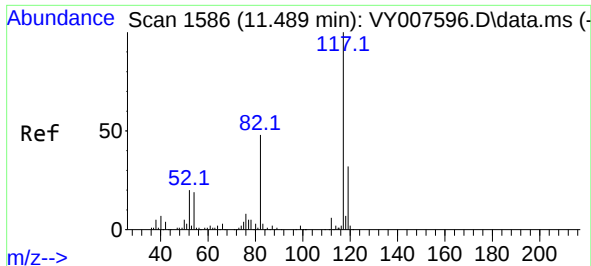
Tgt Ion: 98 Resp: 179138
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.466 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY007627.D
Acq: 24 Feb 2022 19:01

Tgt Ion: 95 Resp: 57623
Ion Ratio Lower Upper
95 100
174 92.1 0.0 177.0
176 91.7 0.0 175.8

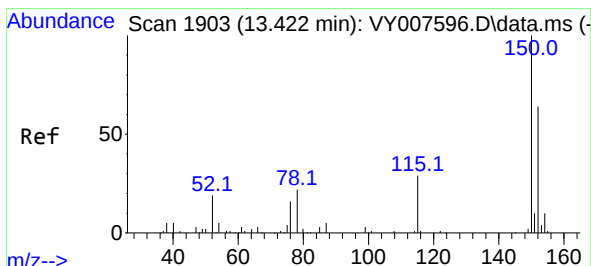
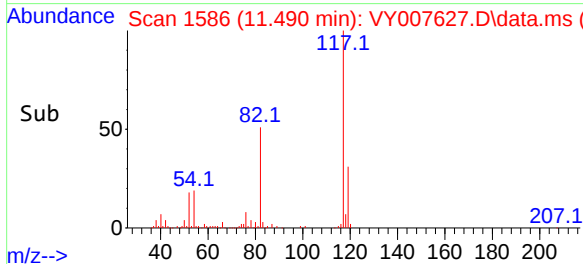
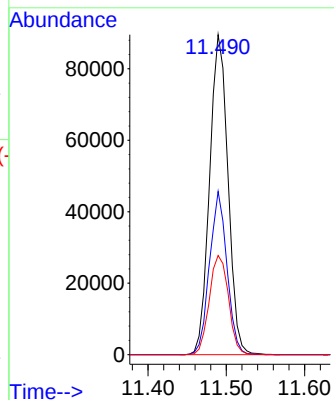
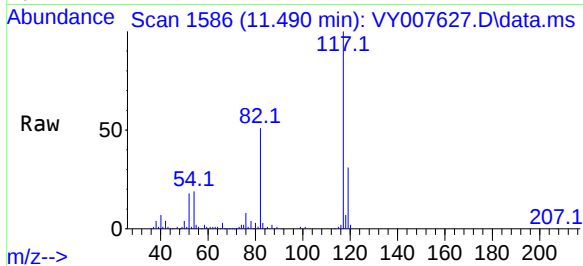




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007627.D
Acq: 24 Feb 2022 19:01

Instrument :
MSVOA_Y
ClientSampleId :
D9-10.5

Tgt Ion:117 Resp: 145825
Ion Ratio Lower Upper
117 100
82 51.0 43.0 64.4
119 31.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007627.D
Acq: 24 Feb 2022 19:01

Tgt Ion:152 Resp: 57808
Ion Ratio Lower Upper
152 100
115 56.3 28.2 84.7
150 155.2 0.0 347.6

