

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121222\
 Data File : VY011774.D
 Acq On : 12 Dec 2022 16:19
 Operator : KP/MD
 Sample : N5997-01RE
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2802-COMPRE

Quant Time: Dec 13 00:20:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

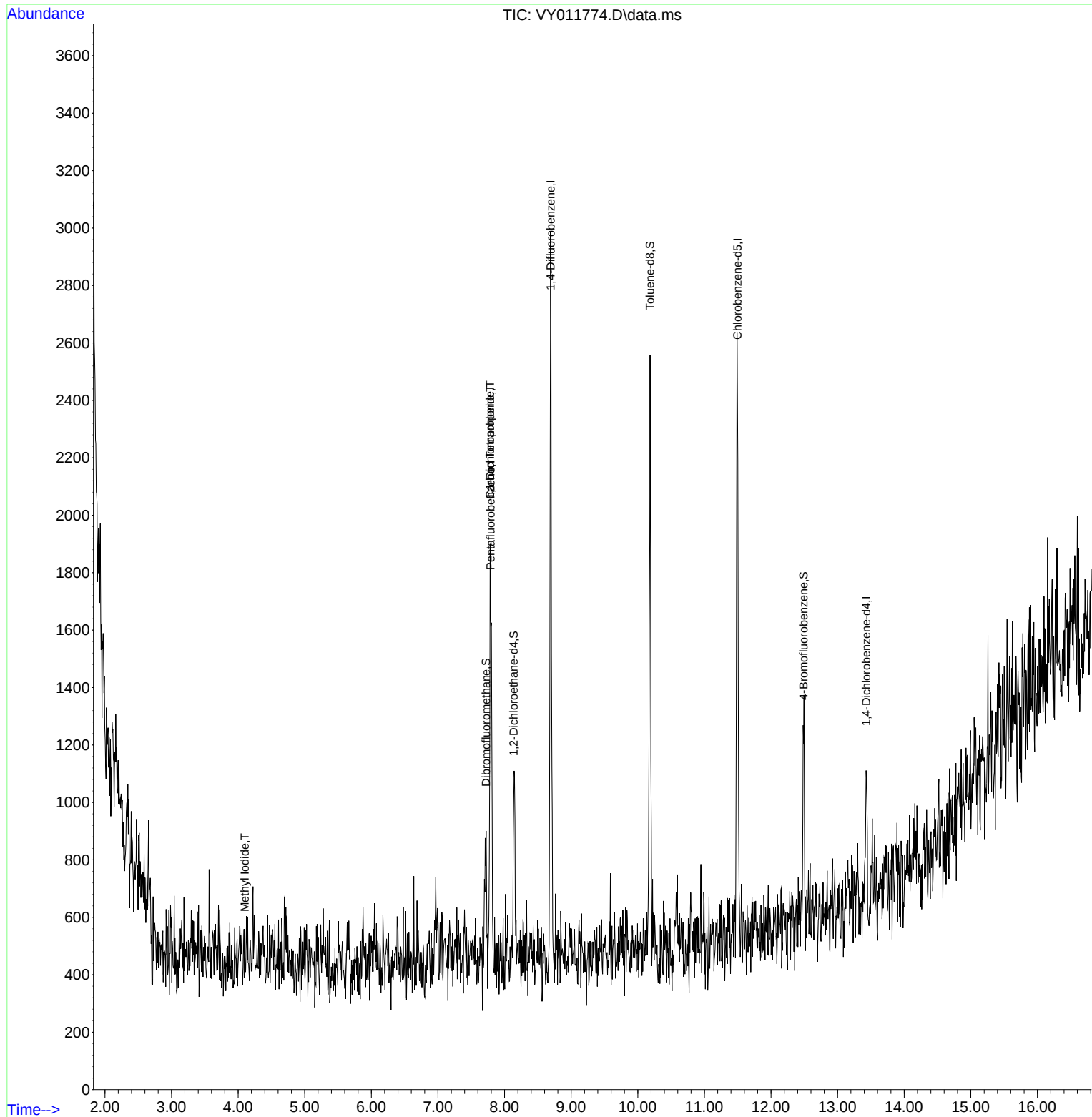
Internal Standards						
1) Pentafluorobenzene	7.789	168	1422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	2453	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	1501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	212	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	619	65.254	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.500%
35) Dibromofluoromethane	7.722	113	396	35.183	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	70.360%
50) Toluene-d8	10.185	98	1606	44.172	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.340%
62) 4-Bromofluorobenzene	12.489	95	180	8.902	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	17.800%#
Target Compounds						
						Qvalue
10) Methyl Iodide	4.101	142	22	1.610	ug/l #	38
20) Methylene Chloride	4.698	84	77	Below Cal	#	46
36) 1,1-Dichloropropene	7.783	75	54	2.901	ug/l #	41
38) Carbon Tetrachloride	7.783	117	171	7.821	ug/l #	14

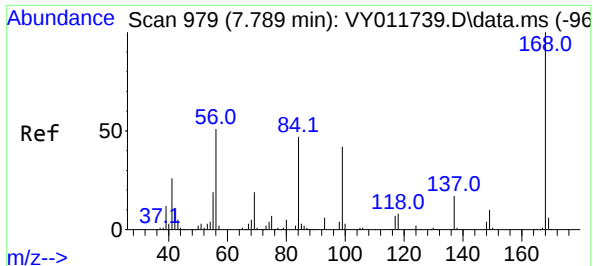
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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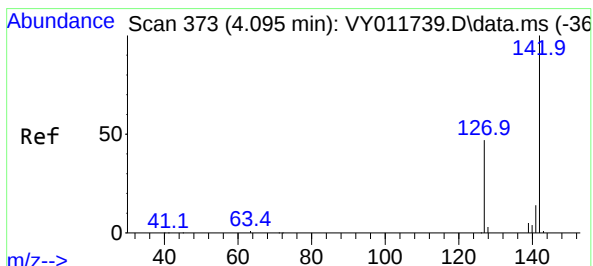
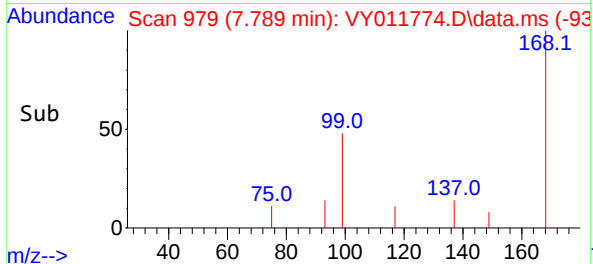
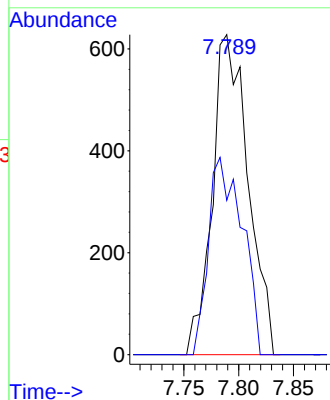
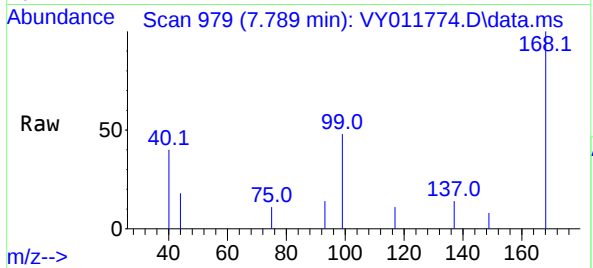




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011774.D
Acq: 12 Dec 2022 16:19

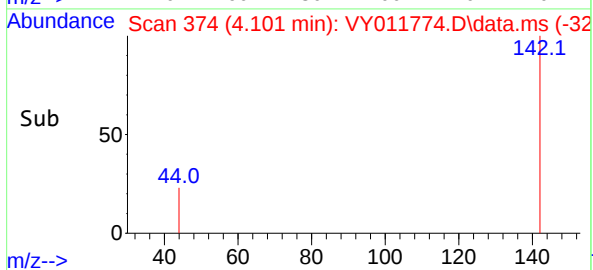
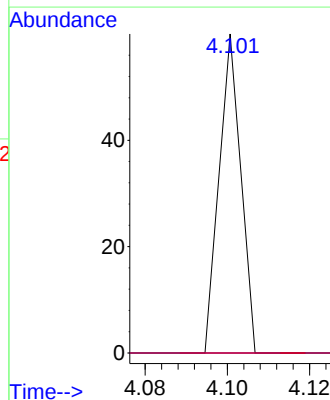
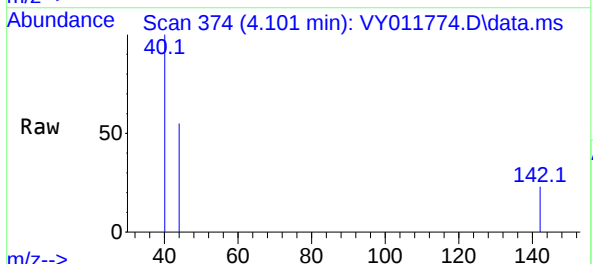
Instrument :
MSVOA_Y
ClientSampleId :
2802-COMP

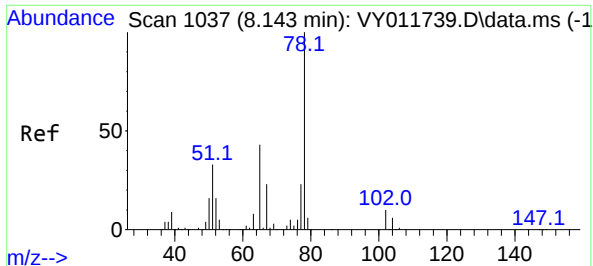
Tgt Ion:168 Resp: 1422
Ion Ratio Lower Upper
168 100
99 48.2 44.0 66.0



#10
Methyl Iodide
Concen: 1.610 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY011774.D
Acq: 12 Dec 2022 16:19

Tgt Ion:142 Resp: 22
Ion Ratio Lower Upper
142 100
127 0.0 37.0 55.4#
141 0.0 11.4 17.0#





#33

1,2-Dichloroethane-d4

Concen: 65.254 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY011774.D

Acq: 12 Dec 2022 16:19

Instrument :

MSVOA_Y

ClientSampleId :

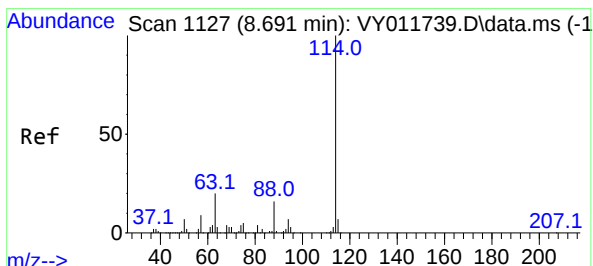
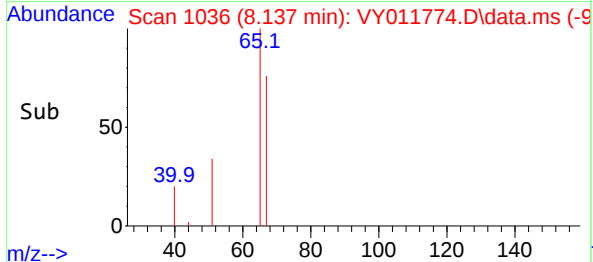
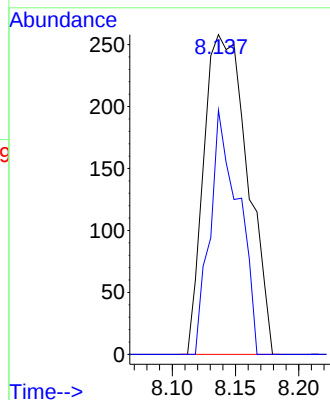
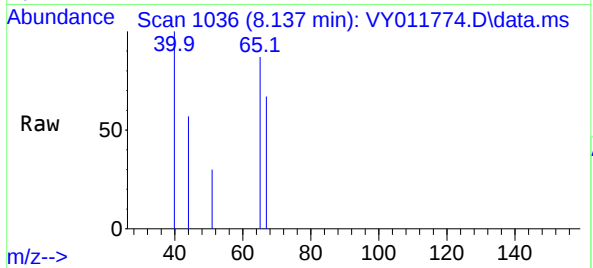
2802-COMP

Tgt Ion: 65 Resp: 619

Ion Ratio Lower Upper

65 100

67 49.9 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011774.D

Acq: 12 Dec 2022 16:19

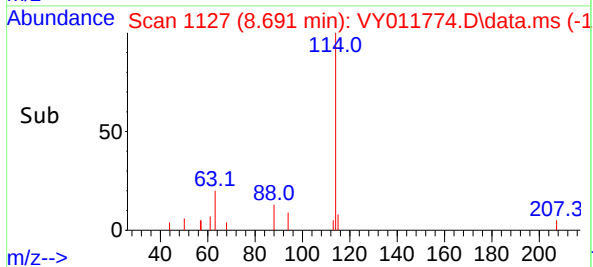
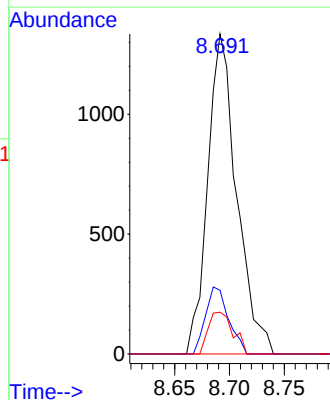
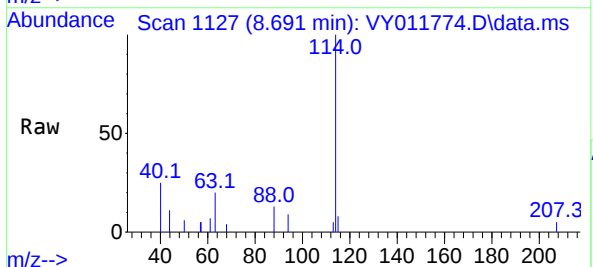
Tgt Ion: 114 Resp: 2453

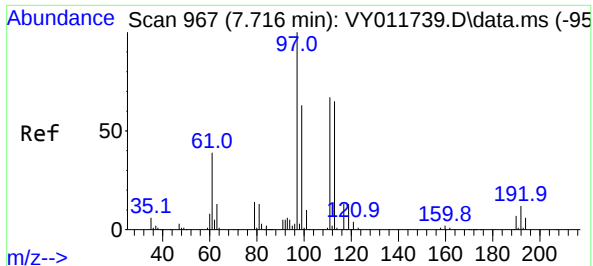
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

88 13.0 0.0 32.2

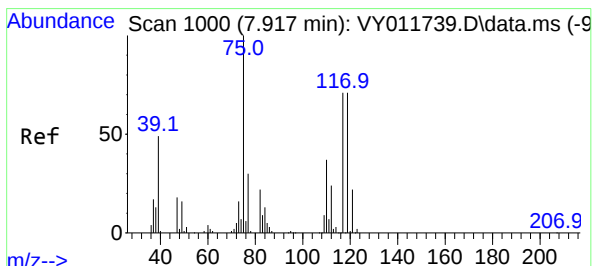
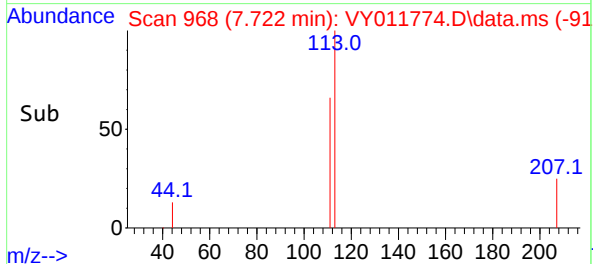
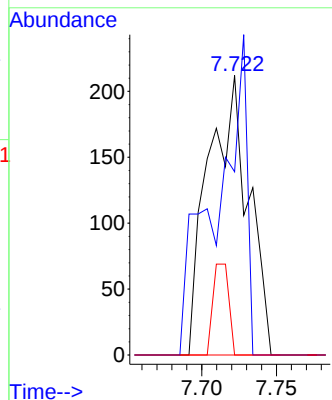
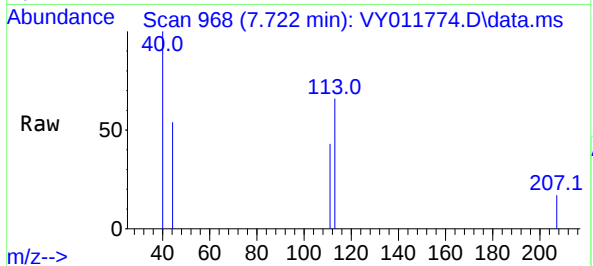




#35
Dibromofluoromethane
Concen: 35.183 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011774.D
Acq: 12 Dec 2022 16:19

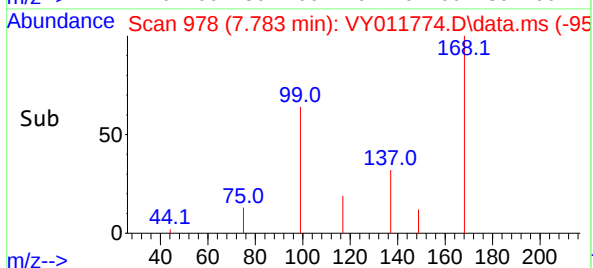
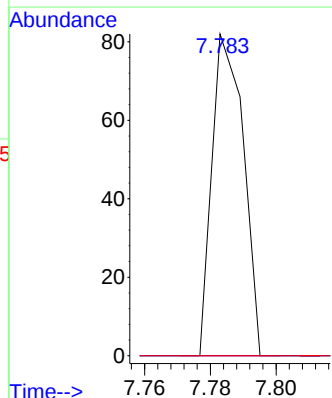
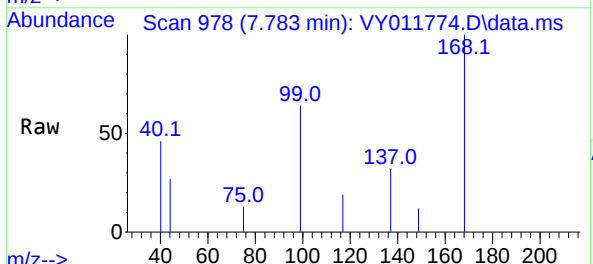
Instrument :
MSVOA_Y
ClientSampleId :
2802-COMP

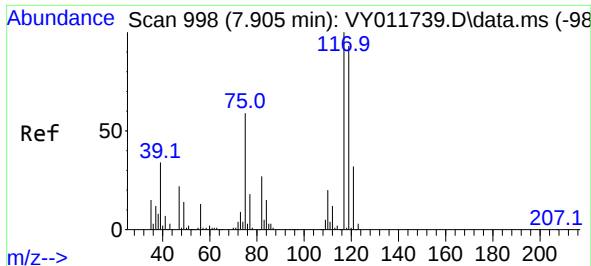
Tgt Ion:113 Resp: 396
Ion Ratio Lower Upper
113 100
111 86.9 83.0 124.4
192 12.6 16.0 24.0#



#36
1,1-Dichloropropene
Concen: 2.901 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011774.D
Acq: 12 Dec 2022 16:19

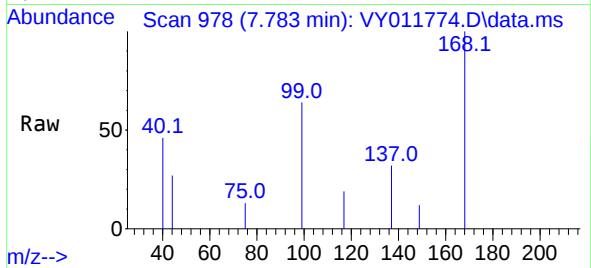
Tgt Ion: 75 Resp: 54
Ion Ratio Lower Upper
75 100
110 0.0 18.1 54.1#
77 0.0 25.1 37.7#



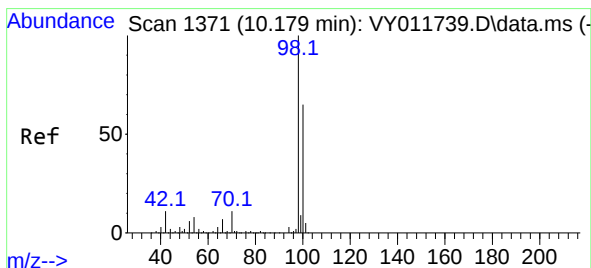
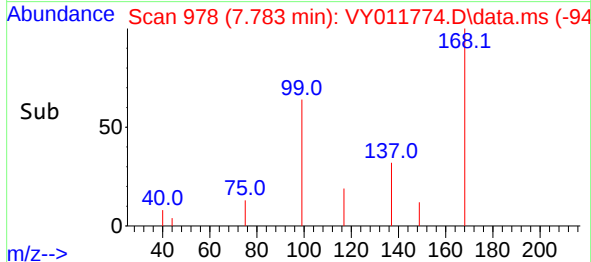
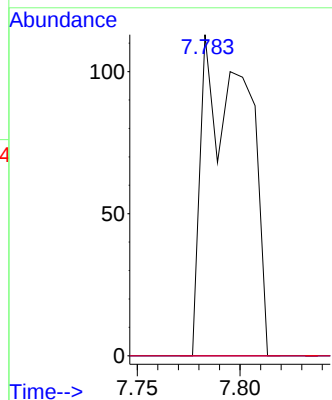


#38
Carbon Tetrachloride
Concen: 7.821 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY011774.D
Acq: 12 Dec 2022 16:19

Instrument :
MSVOA_Y
ClientSampleId :
2802-COMP

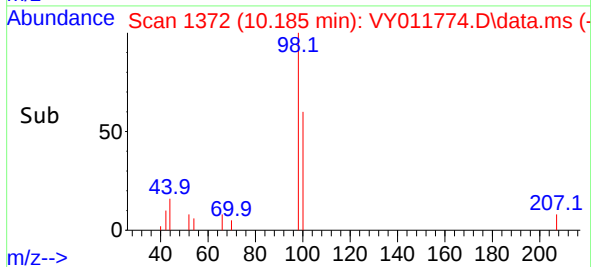
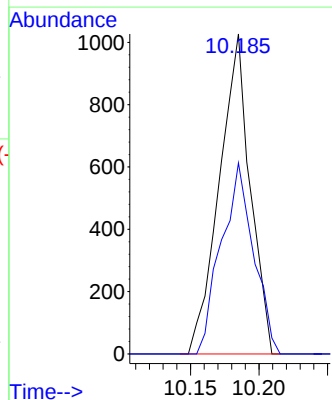
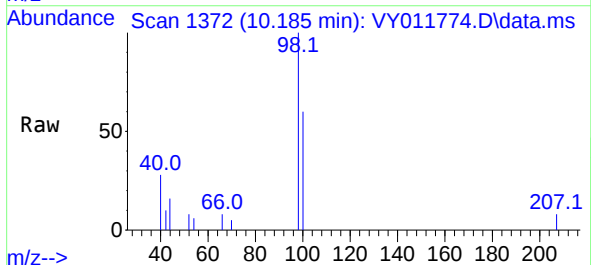


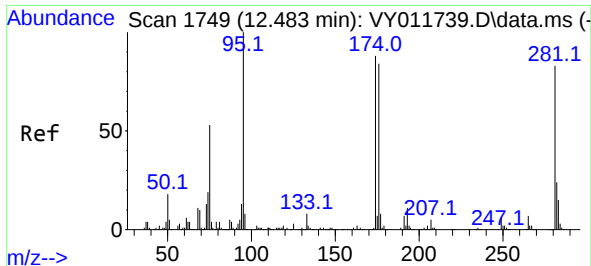
Tgt Ion:117 Resp: 171
Ion Ratio Lower Upper
117 100
119 0.0 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 44.172 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY011774.D
Acq: 12 Dec 2022 16:19

Tgt Ion: 98 Resp: 1606
Ion Ratio Lower Upper
98 100
100 62.6 51.9 77.9

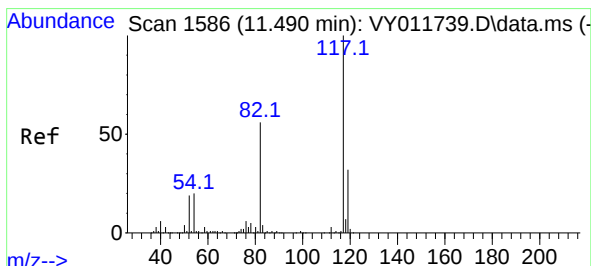
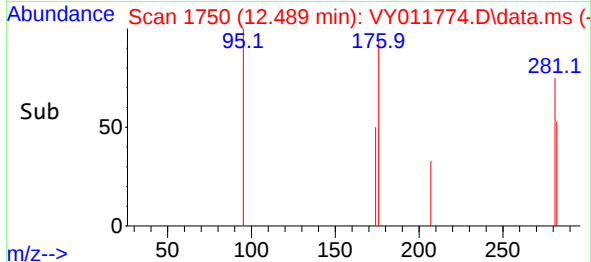
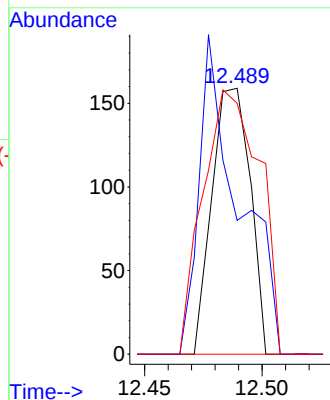
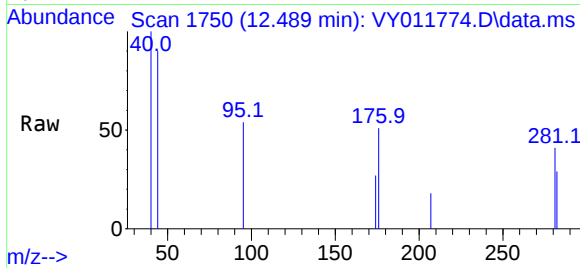




#62
4-Bromofluorobenzene
Concen: 8.902 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011774.D
Acq: 12 Dec 2022 16:19

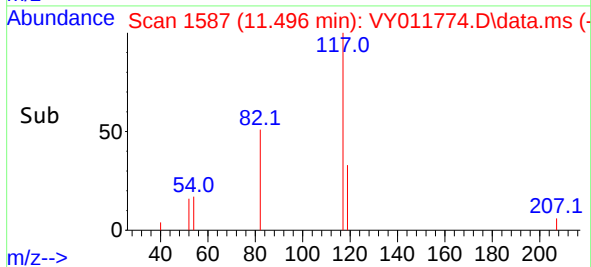
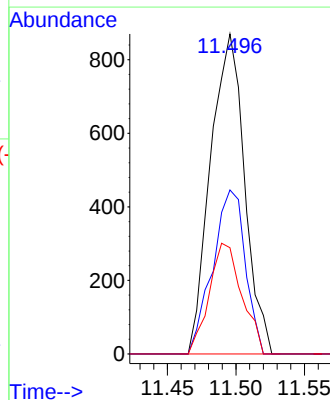
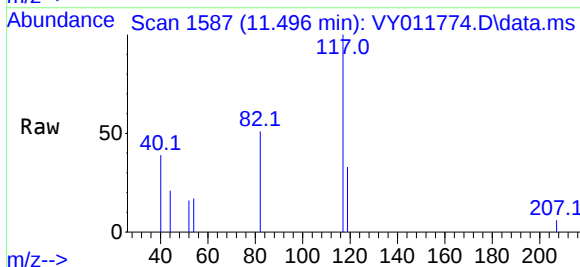
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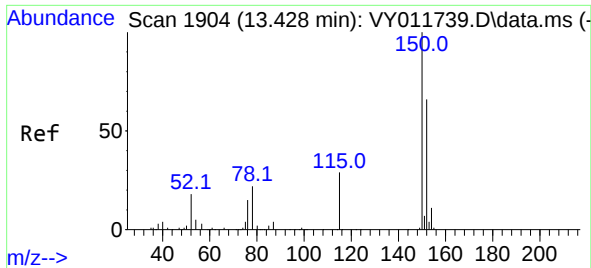
Tgt Ion: 95 Resp: 180
Ion Ratio Lower Upper
95 100
174 123.9 0.0 172.0
176 147.2 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY011774.D
Acq: 12 Dec 2022 16:19

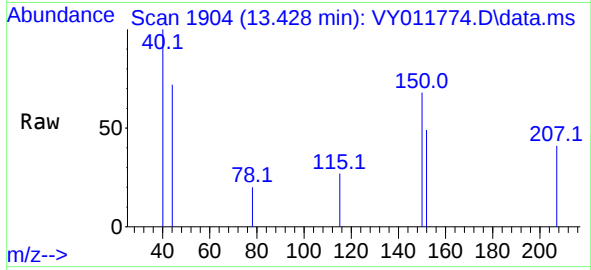
Tgt Ion: 117 Resp: 1501
Ion Ratio Lower Upper
117 100
82 51.3 44.8 67.2
119 33.2 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY011774.D
 Acq: 12 Dec 2022 16:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 2802-COMP



Tgt Ion:	152	Resp:	212
Ion	Ratio	Lower	Upper
152	100		
115	13.7	29.1	87.3#
150	202.8	0.0	342.6

