

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120622\
 Data File : VY011719.D
 Acq On : 06 Dec 2022 15:35
 Operator : KP/MD
 Sample : N5899-01
 Misc : 5.45g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-30

Quant Time: Dec 06 23:46:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

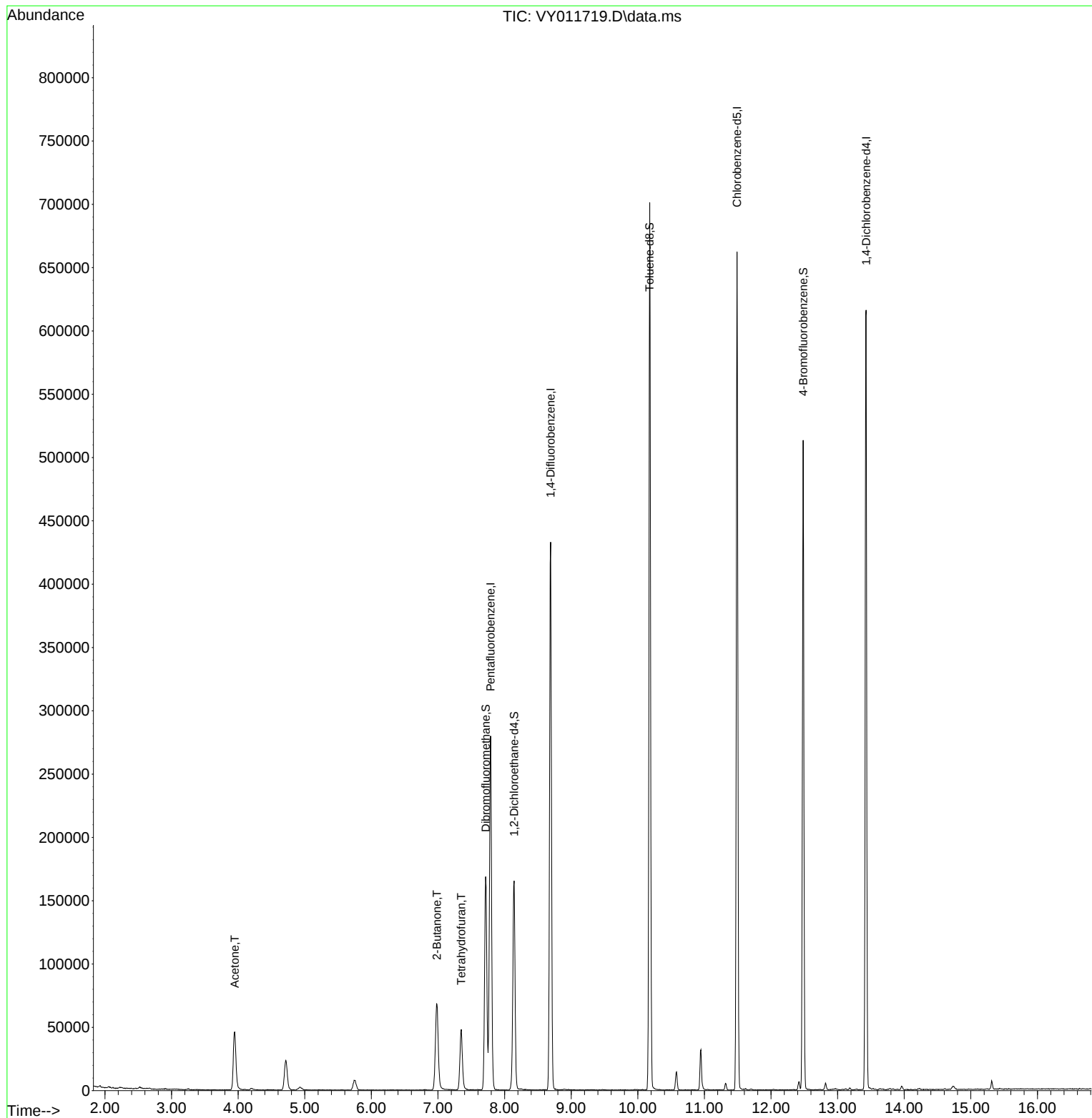
Internal Standards						
1) Pentafluorobenzene	7.789	168	214366	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	367487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	350925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	160783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	130730	60.060	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.120%	
35) Dibromofluoromethane	7.716	113	119614	52.874	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.740%	
50) Toluene-d8	10.179	98	443079	53.898	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.800%	
62) 4-Bromofluorobenzene	12.483	95	147046	48.379	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.760%	
Target Compounds						
						Qvalue
16) Acetone	3.948	43	81993	115.970	ug/l #	86
25) 2-Butanone	6.984	43	87609	94.286	ug/l #	90
29) Tetrahydrofuran	7.350	42	37035	70.578	ug/l #	86

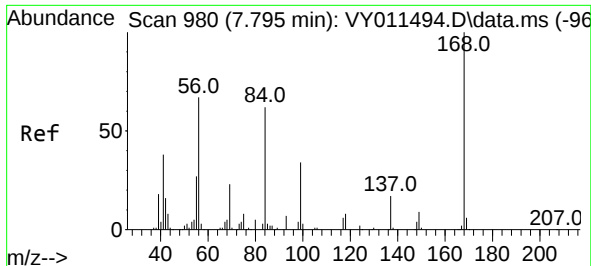
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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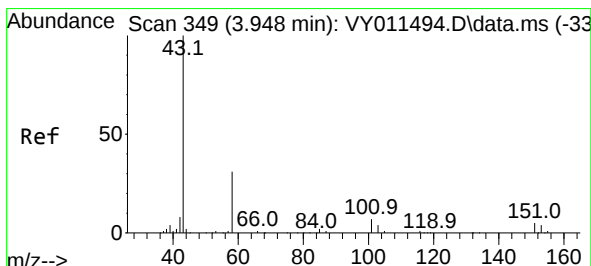
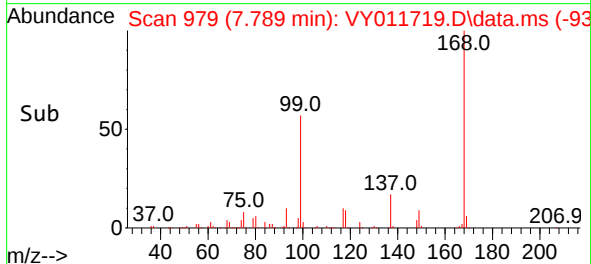
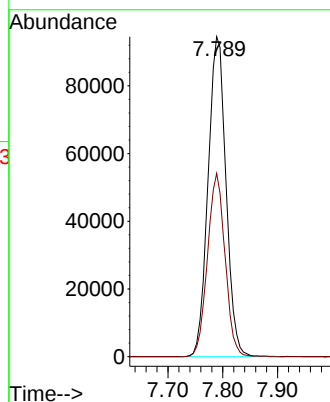
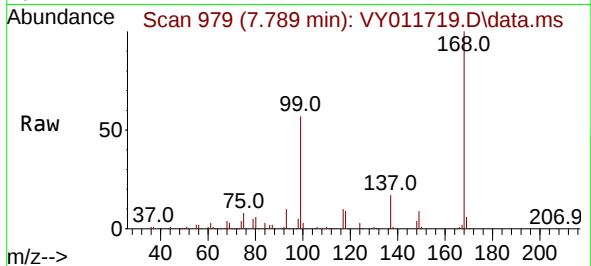




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011719.D
Acq: 06 Dec 2022 15:35

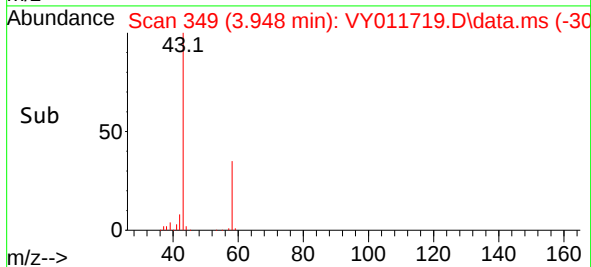
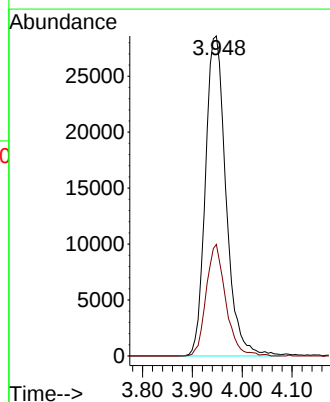
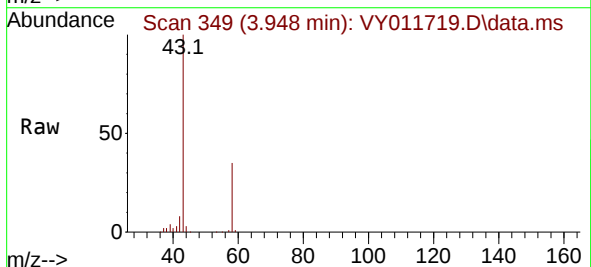
Instrument :
MSVOA_Y
ClientSampleId :
TP-30

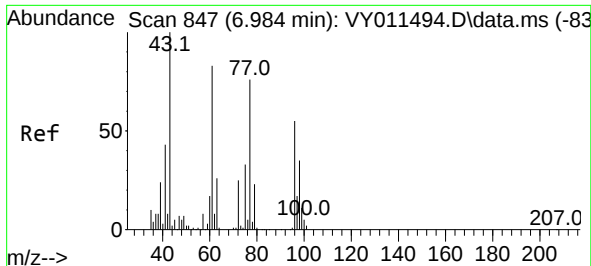
Tgt Ion:168 Resp: 214366
Ion Ratio Lower Upper
168 100
99 57.3 46.9 70.3



#16
Acetone
Concen: 115.970 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY011719.D
Acq: 06 Dec 2022 15:35

Tgt Ion: 43 Resp: 81993
Ion Ratio Lower Upper
43 100
58 34.9 22.0 33.0#

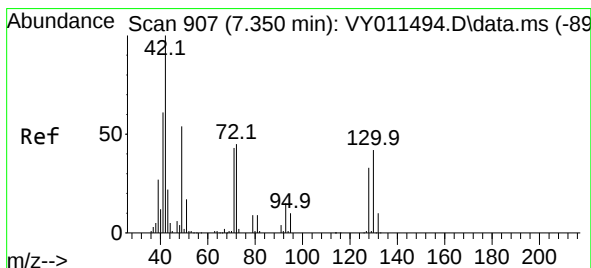
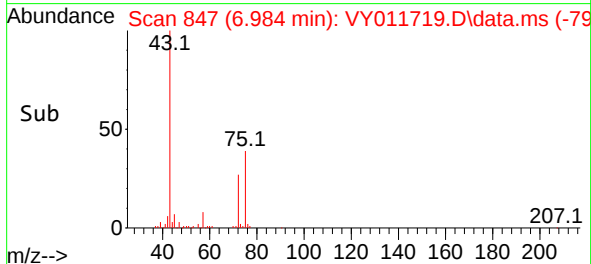
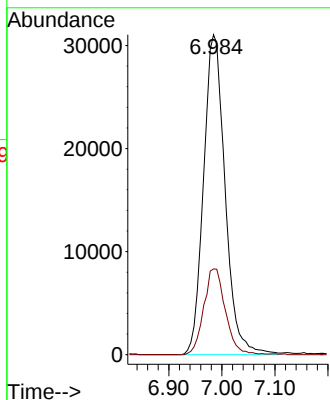
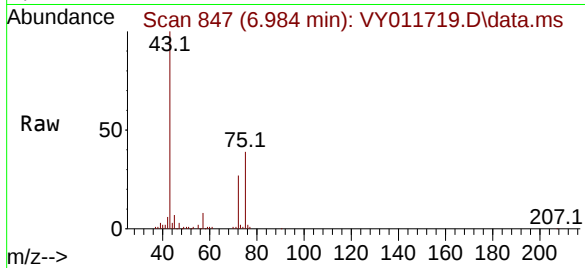




#25
2-Butanone
Concen: 94.286 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY011719.D
Acq: 06 Dec 2022 15:35

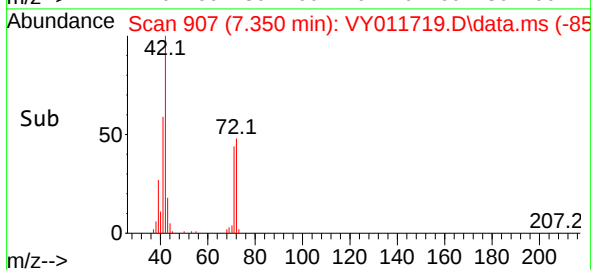
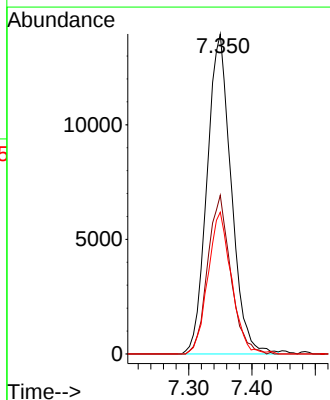
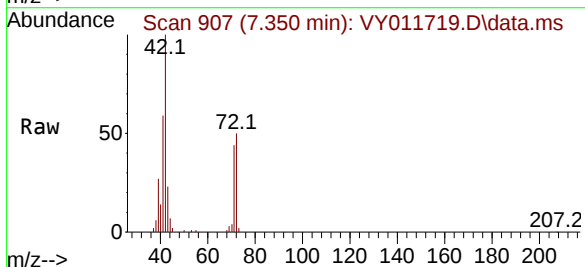
Instrument :
MSVOA_Y
ClientSampleId :
TP-30

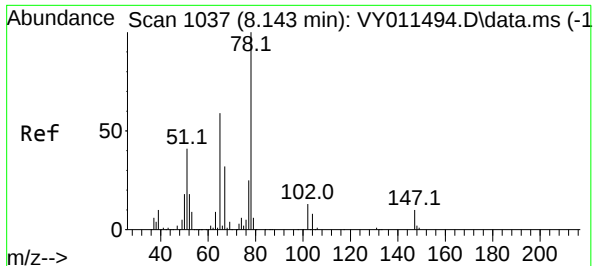
Tgt Ion: 43 Resp: 87609
Ion Ratio Lower Upper
43 100
72 26.8 17.7 26.5#



#29
Tetrahydrofuran
Concen: 70.578 ug/l
RT: 7.350 min Scan# 907
Delta R.T. -0.000 min
Lab File: VY011719.D
Acq: 06 Dec 2022 15:35

Tgt Ion: 42 Resp: 37035
Ion Ratio Lower Upper
42 100
72 47.2 30.3 45.5#
71 43.2 29.0 43.4





#33

1,2-Dichloroethane-d4

Concen: 60.060 ug/l

RT: 8.142 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY011719.D

Acq: 06 Dec 2022 15:35

Instrument :

MSVOA_Y

ClientSampleId :

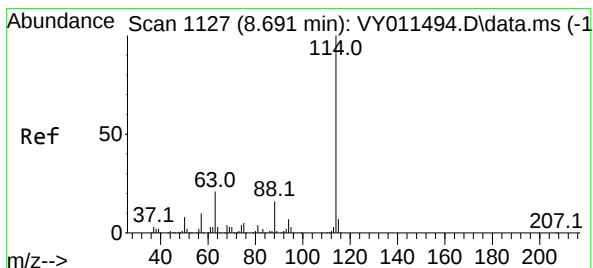
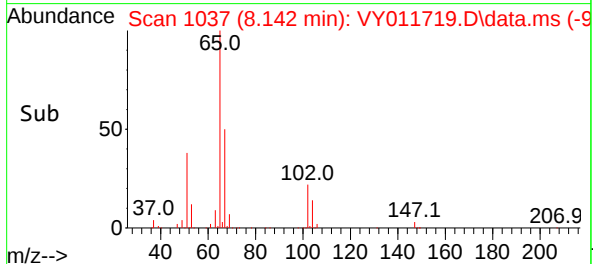
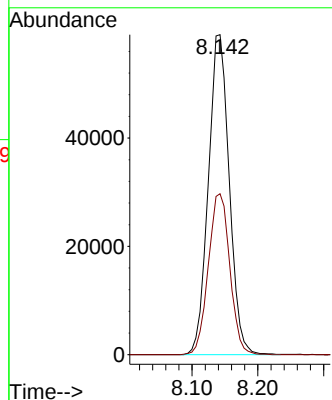
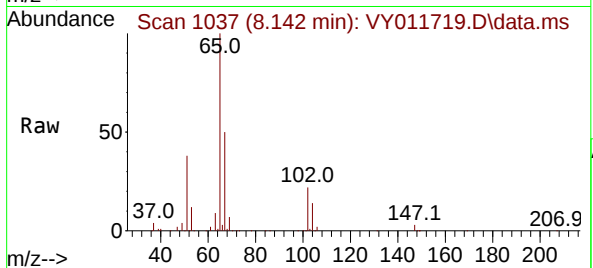
TP-30

Tgt Ion: 65 Resp: 130730

Ion Ratio Lower Upper

65 100

67 51.7 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: VY011719.D

Acq: 06 Dec 2022 15:35

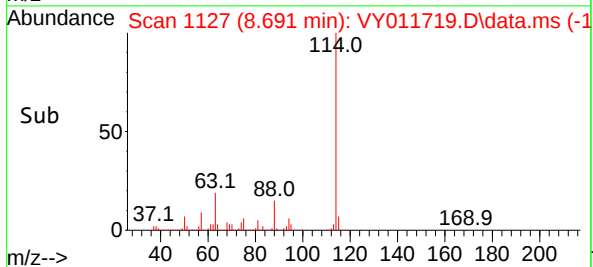
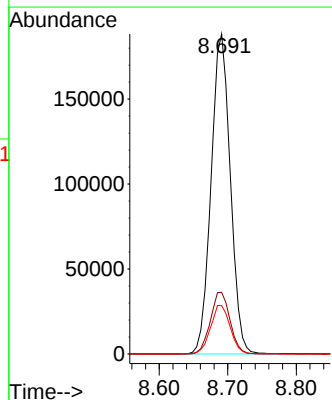
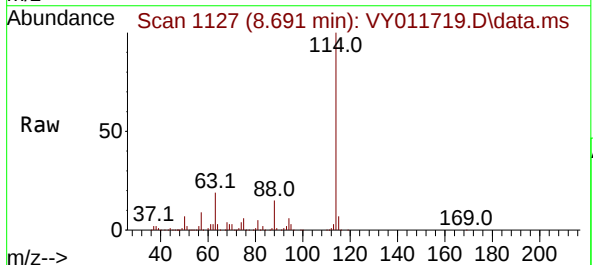
Tgt Ion: 114 Resp: 367487

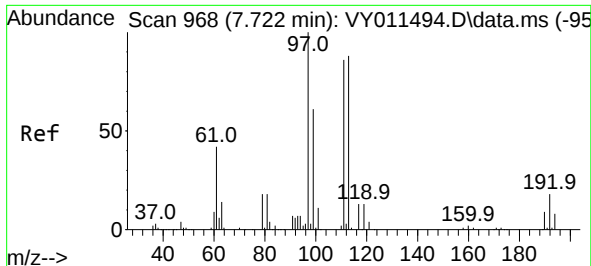
Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 15.1 0.0 31.8

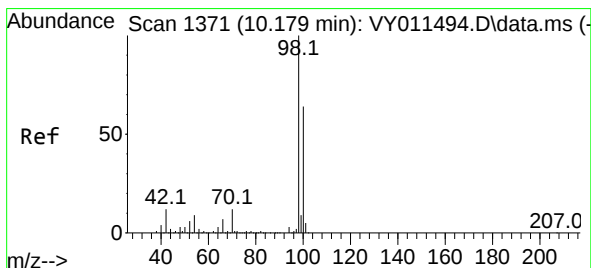
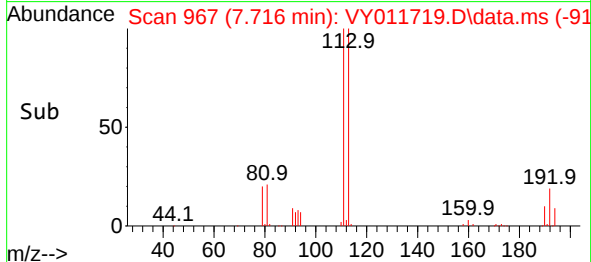
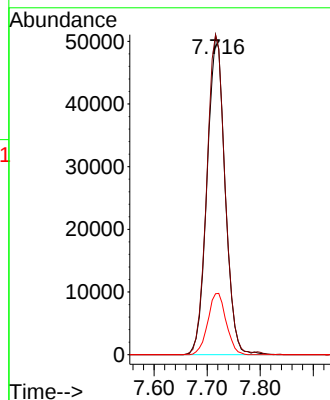
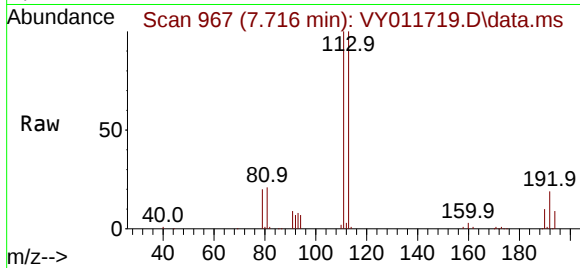




#35
Dibromofluoromethane
Concen: 52.874 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011719.D
Acq: 06 Dec 2022 15:35

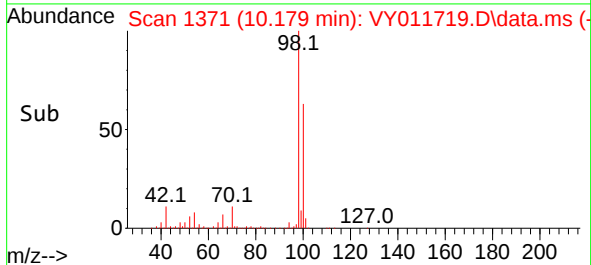
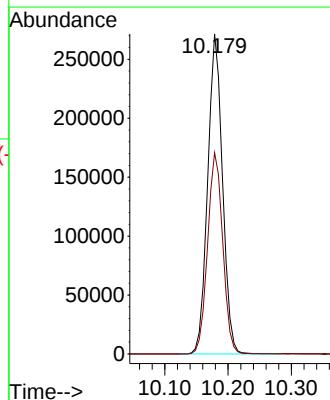
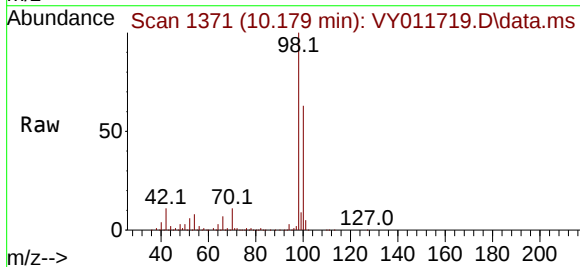
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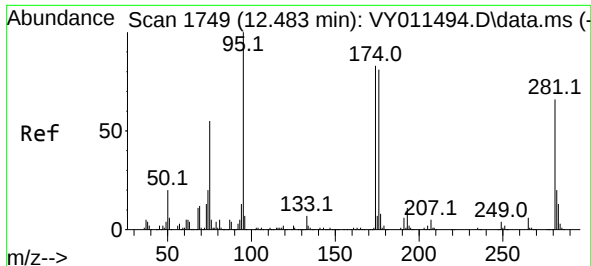
Tgt Ion:113 Resp: 119614
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 19.6 17.6 26.4



#50
Toluene-d8
Concen: 53.898 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011719.D
Acq: 06 Dec 2022 15:35

Tgt Ion: 98 Resp: 443079
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2

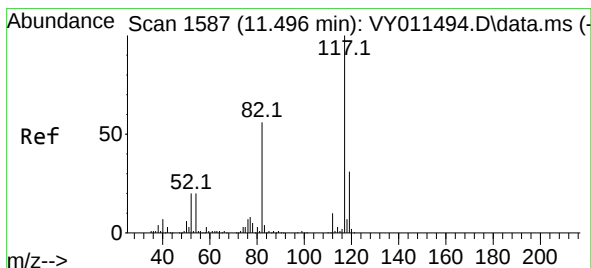
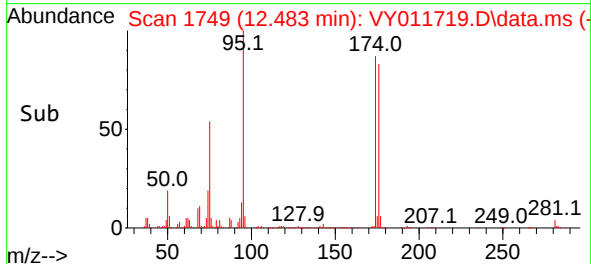
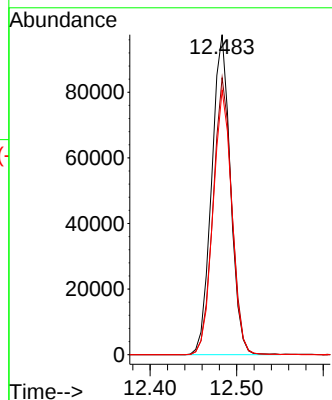
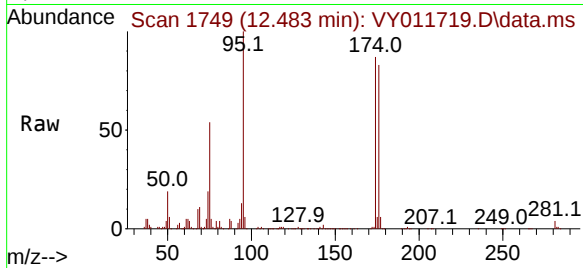




#62
4-Bromofluorobenzene
Concen: 48.379 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011719.D
Acq: 06 Dec 2022 15:35

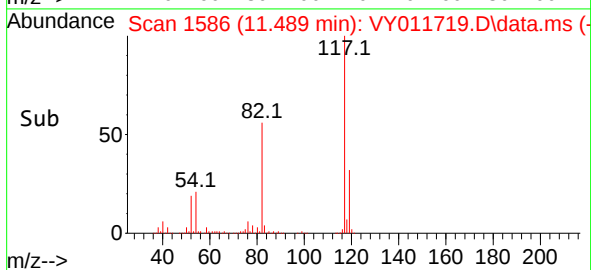
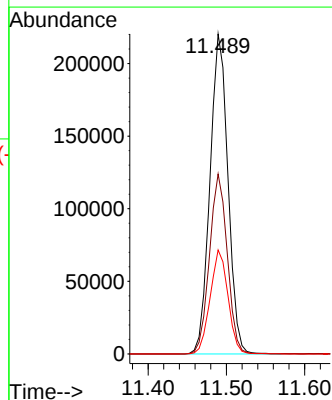
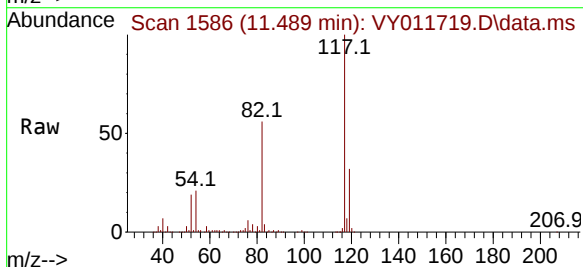
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TP-30

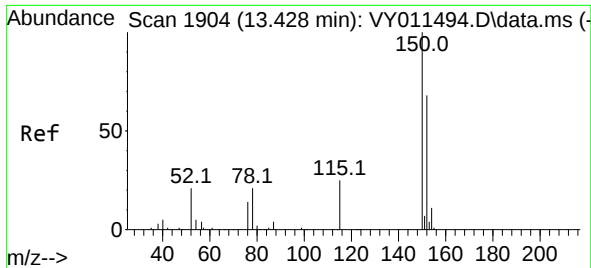
Tgt Ion: 95 Resp: 147046
Ion Ratio Lower Upper
95 100
174 86.3 0.0 177.0
176 82.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.007 min
Lab File: VY011719.D
Acq: 06 Dec 2022 15:35

Tgt Ion: 117 Resp: 350925
Ion Ratio Lower Upper
117 100
82 56.3 43.0 64.4
119 32.5 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY011719.D

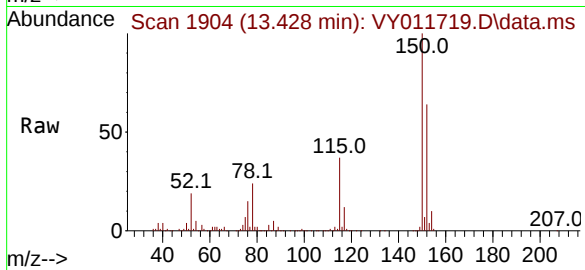
Acq: 06 Dec 2022 15:35

Instrument :

MSVOA_Y

ClientSampleId :

TP-30



Tgt Ion:152 Resp: 160783

Ion Ratio Lower Upper

152 100

115 57.6 28.2 84.7

150 156.9 0.0 347.6

