

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012822\
 Data File : VY007320.D
 Acq On : 28 Jan 2022 14:58
 Operator : SY/MD
 Sample : N1309-02
 Misc : 5.22g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STATE-ST-SP1-(2)

Quant Time: Jan 31 00:30:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

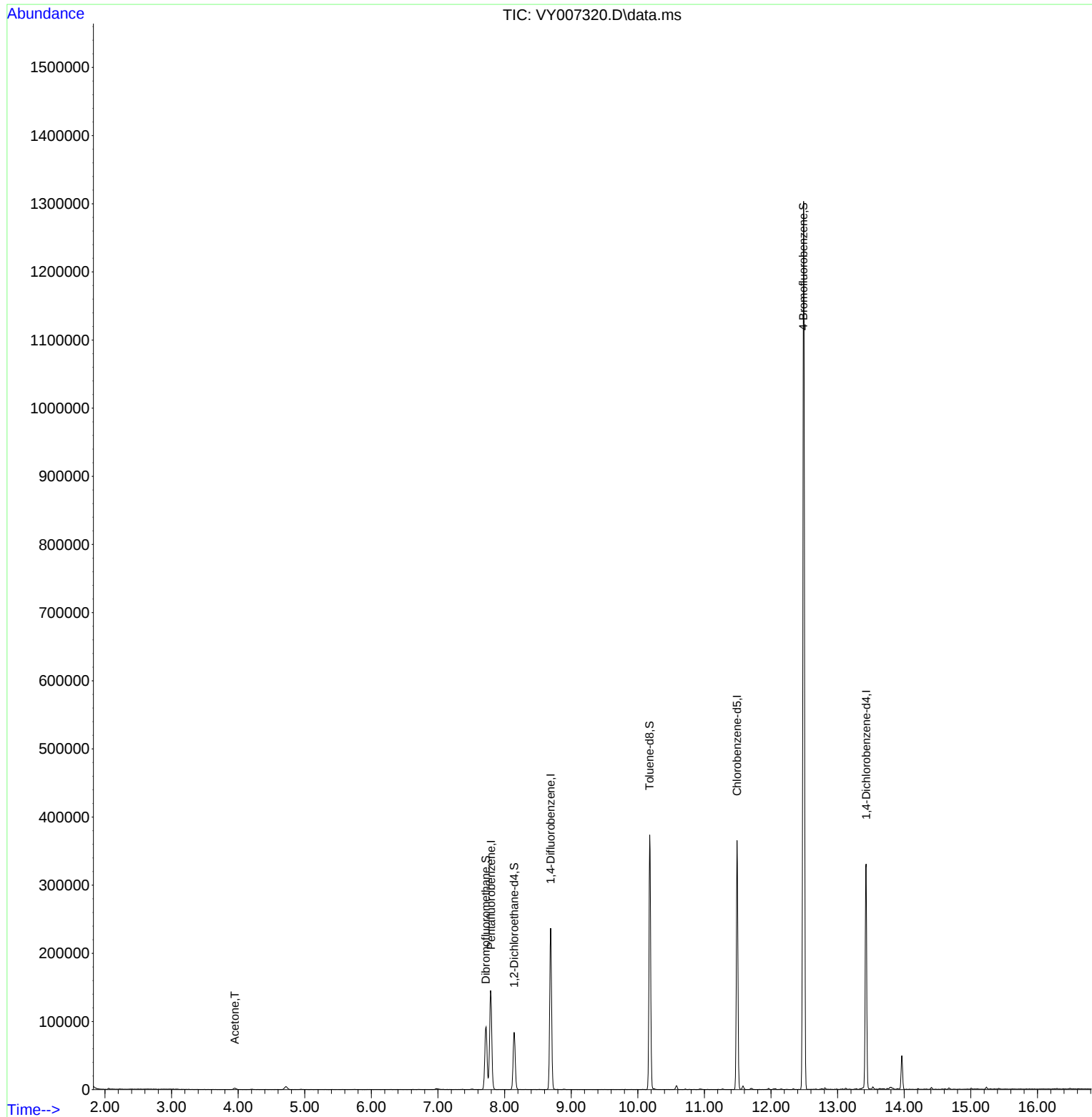
Internal Standards						
1) Pentafluorobenzene	7.795	168	108278	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	199649	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	189743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	65977	49.660	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.320%
35) Dibromofluoromethane	7.716	113	66165	49.011	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.020%
50) Toluene-d8	10.179	98	245663	49.802	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.600%
62) 4-Bromofluorobenzene	12.483	95	89749	51.148	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.300%
Target Compounds						
16) Acetone	3.948	43	3572	10.360	ug/l	Qvalue 100

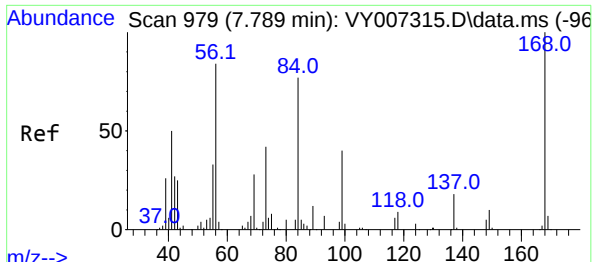
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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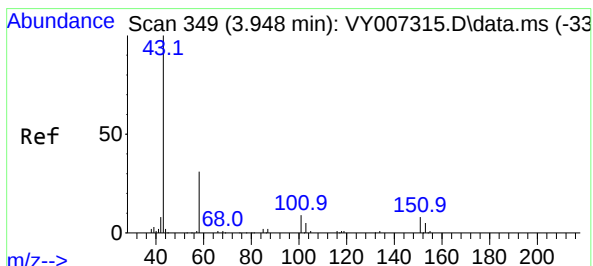
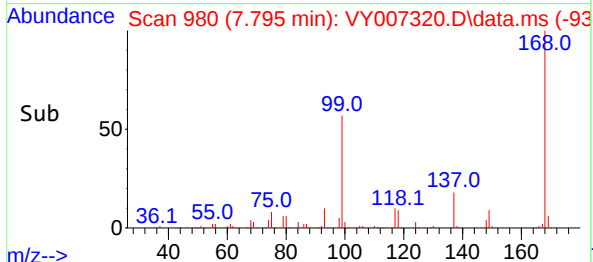
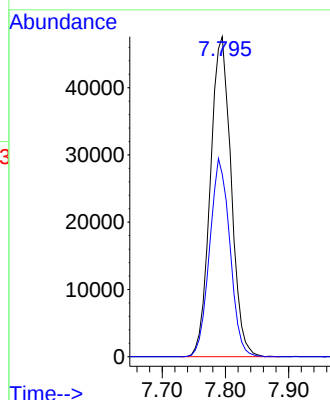
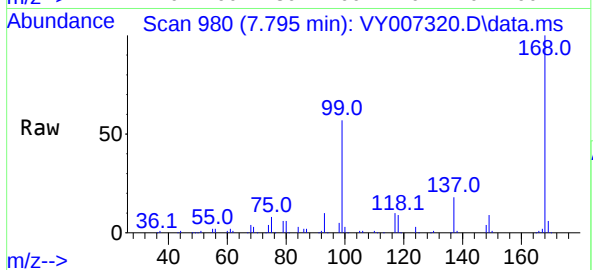




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007320.D
Acq: 28 Jan 2022 14:58

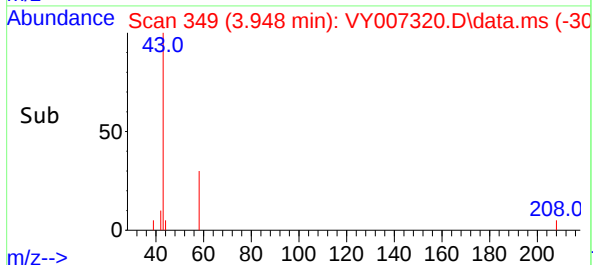
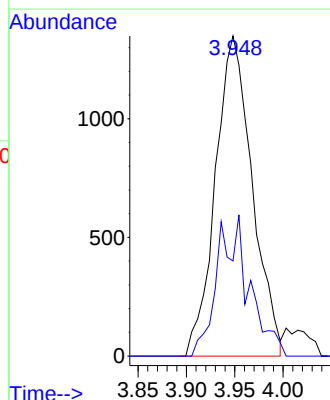
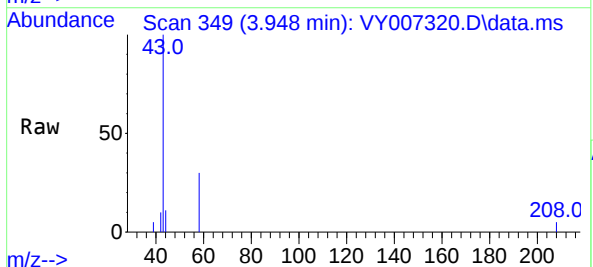
Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(2)

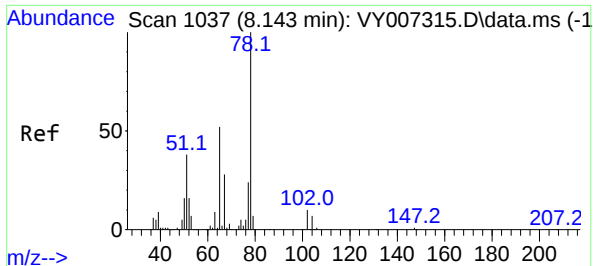
Tgt Ion:168 Resp: 108278
Ion Ratio Lower Upper
168 100
99 56.9 49.1 73.7



#16
Acetone
Concen: 10.360 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007320.D
Acq: 28 Jan 2022 14:58

Tgt Ion: 43 Resp: 3572
Ion Ratio Lower Upper
43 100
58 29.7 23.8 35.6





#33

1,2-Dichloroethane-d4

Concen: 49.660 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY007320.D

Acq: 28 Jan 2022 14:58

Instrument :

MSVOA_Y

ClientSampleId :

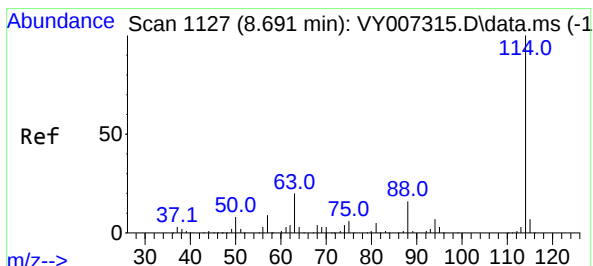
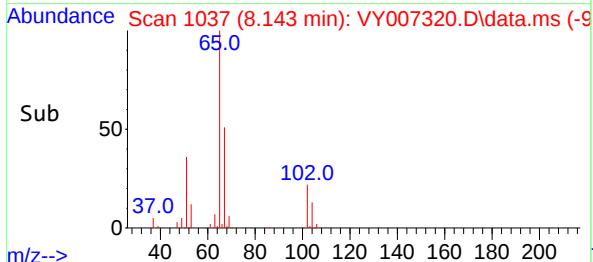
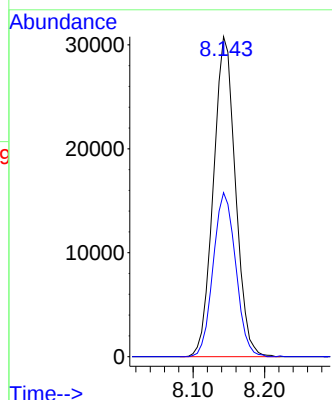
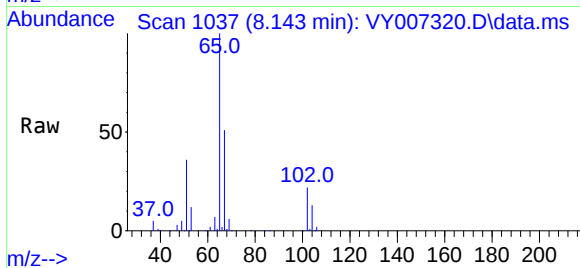
STATE-ST-SP1-(2)

Tgt Ion: 65 Resp: 65977

Ion Ratio Lower Upper

65 100

67 52.2 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007320.D

Acq: 28 Jan 2022 14:58

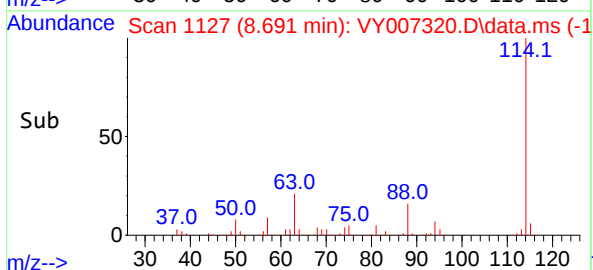
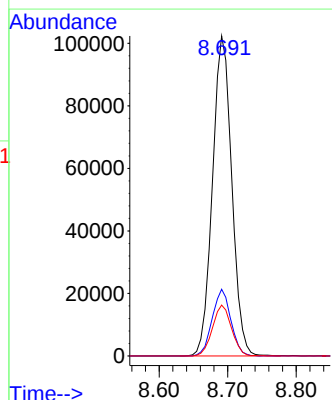
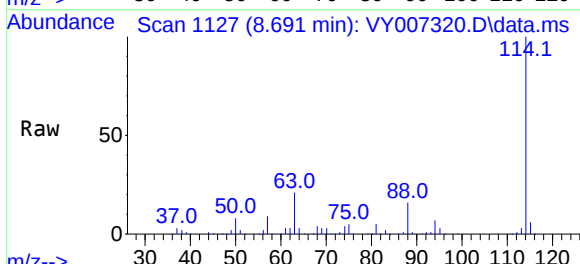
Tgt Ion: 114 Resp: 199649

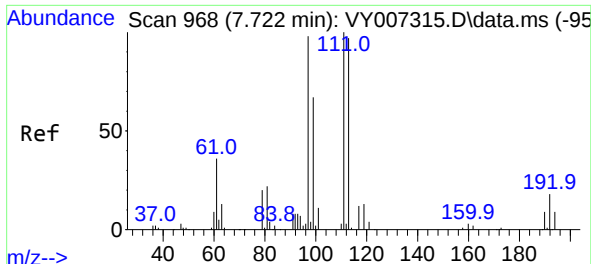
Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.2

88 15.9 0.0 31.0

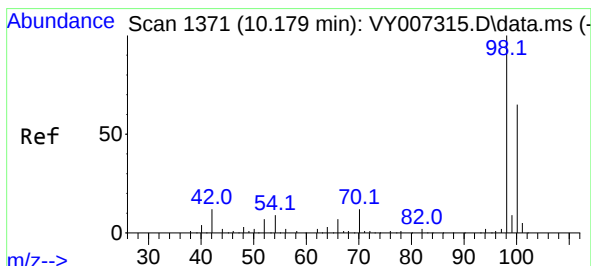
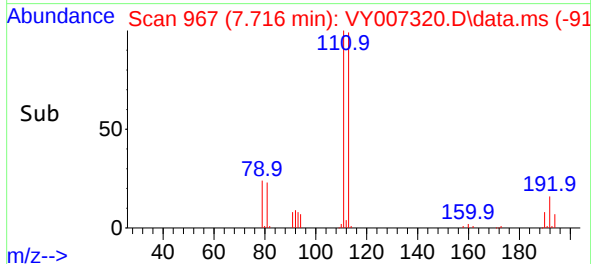
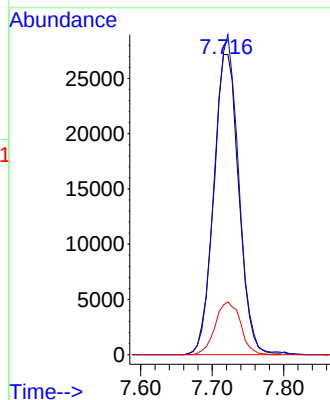
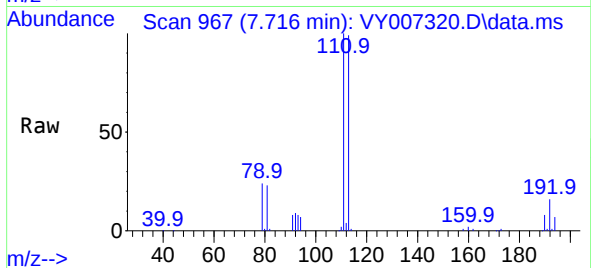




#35
Dibromofluoromethane
Concen: 49.011 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY007320.D
Acq: 28 Jan 2022 14:58

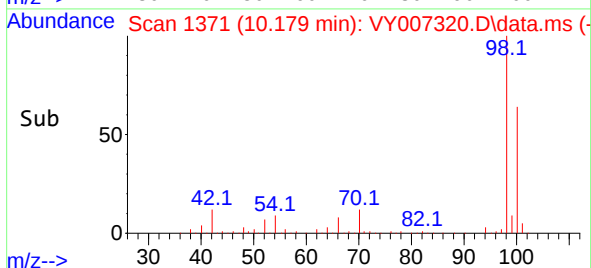
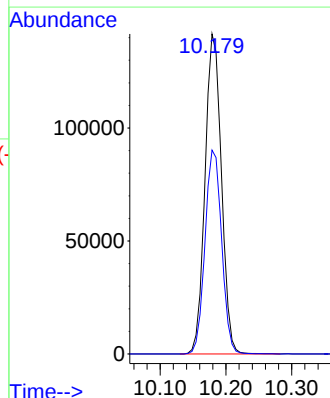
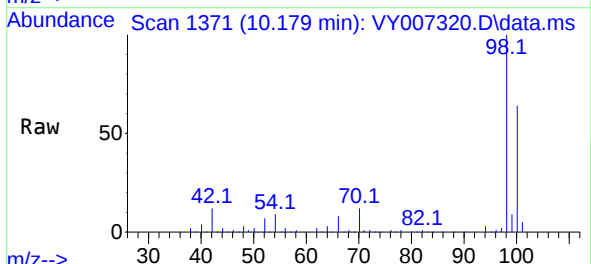
Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(2)

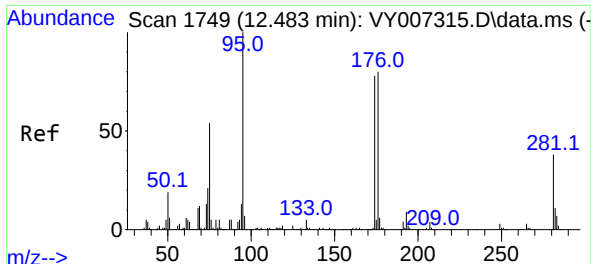
Tgt Ion:113 Resp: 66165
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 17.7 14.2 21.4



#50
Toluene-d8
Concen: 49.802 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007320.D
Acq: 28 Jan 2022 14:58

Tgt Ion: 98 Resp: 245663
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2

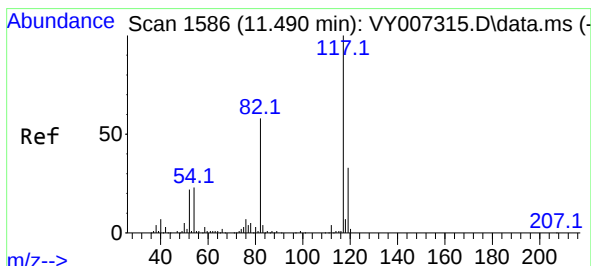
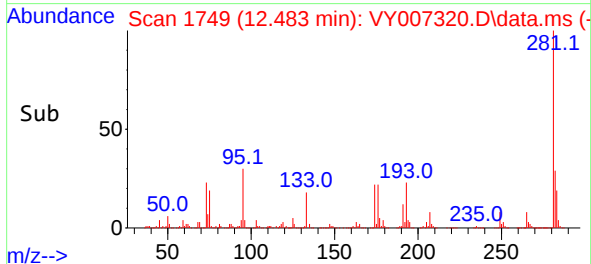
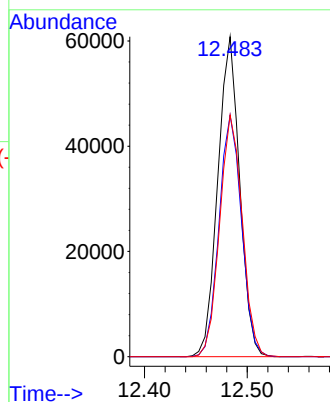
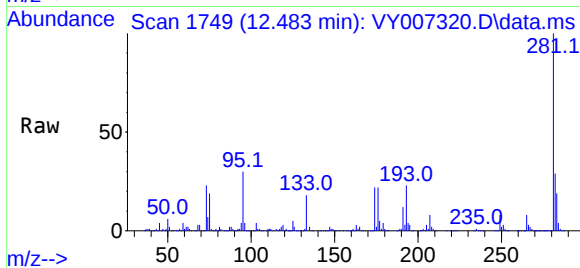




#62
4-Bromofluorobenzene
Concen: 51.148 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007320.D
Acq: 28 Jan 2022 14:58

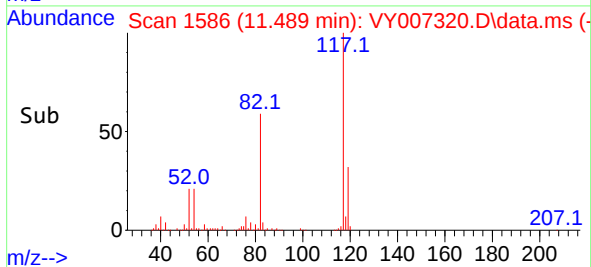
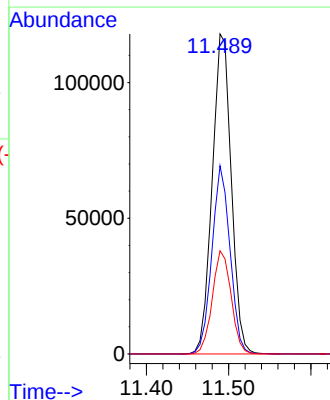
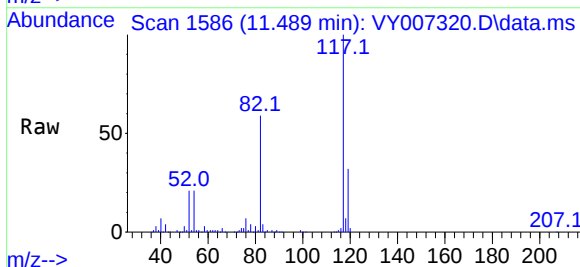
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MSVOA_Y
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STATE-ST-SP1-(2)

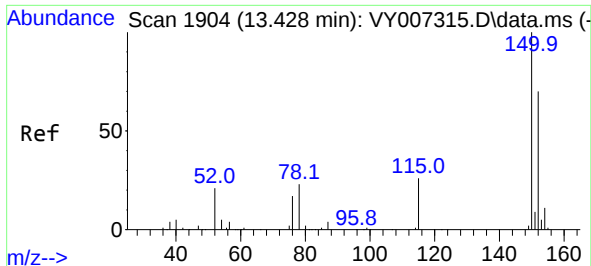
Tgt Ion:	95	Resp:	89749
Ion Ratio	Lower	Upper	
95	100		
174	77.7	0.0	148.4
176	78.0	0.0	146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007320.D
Acq: 28 Jan 2022 14:58

Tgt Ion:	117	Resp:	189743
Ion Ratio	Lower	Upper	
117	100		
82	58.8	45.4	68.0
119	32.3	26.4	39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY007320.D

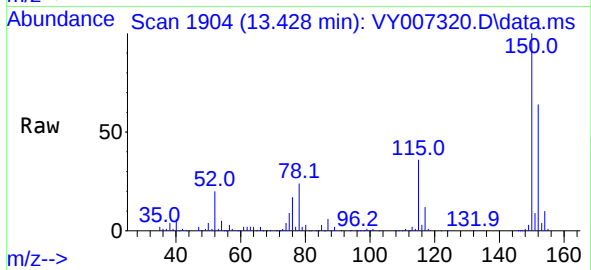
Acq: 28 Jan 2022 14:58

Instrument :

MSVOA_Y

ClientSampleId :

STATE-ST-SP1-(2)



Tgt Ion:152 Resp: 80533

Ion Ratio Lower Upper

152 100

115 61.3 31.4 94.0

150 157.9 0.0 348.4

