

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011023\
 Data File : VY012145.D
 Acq On : 10 Jan 2023 16:36
 Operator : KP/MD
 Sample : 01083-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-010923

Quant Time: Jan 11 03:10:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

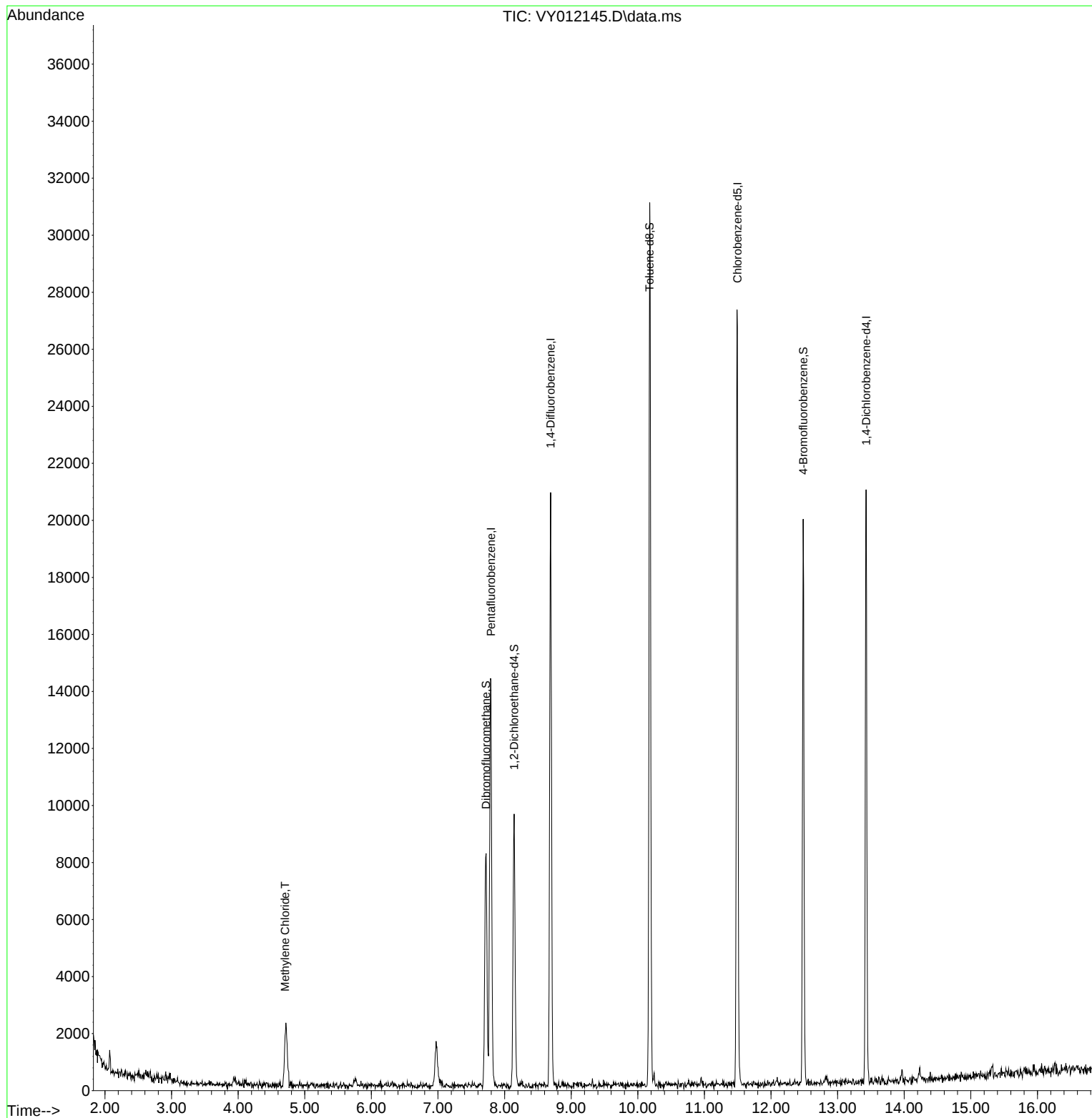
Internal Standards						
1) Pentafluorobenzene	7.795	168	11716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	18621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	17301	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6400	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	7921	60.168	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.340%
35) Dibromofluoromethane	7.722	113	5775	47.184	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.360%
50) Toluene-d8	10.179	98	21939	45.414	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.820%
62) 4-Bromofluorobenzene	12.483	95	6105	36.154	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.300%
Target Compounds						
20) Methylene Chloride	4.704	84	1830	9.142	ug/l	# 73

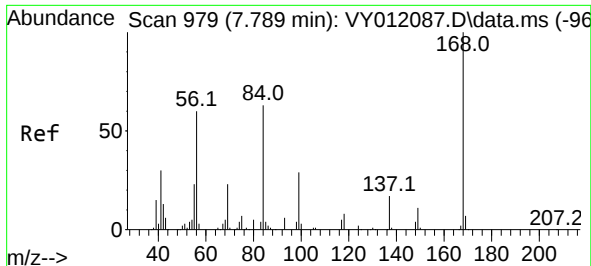
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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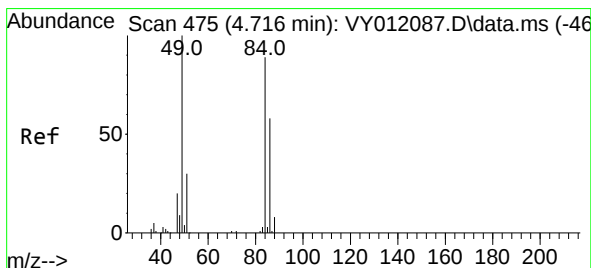
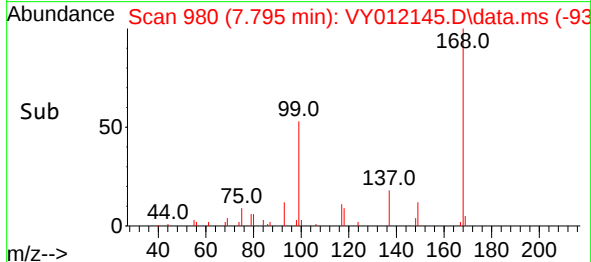
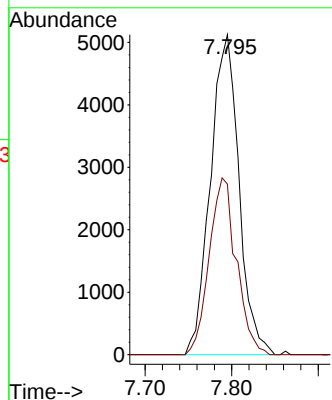
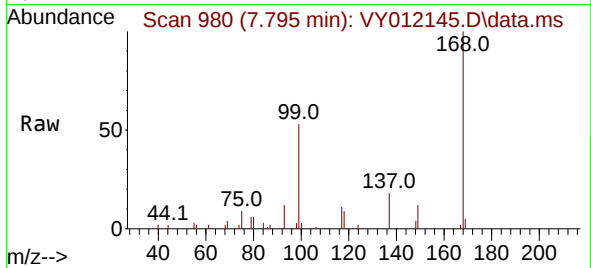




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012145.D
Acq: 10 Jan 2023 16:36

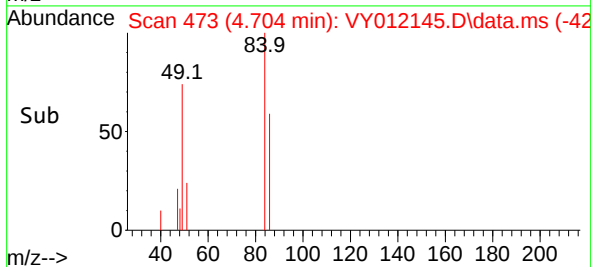
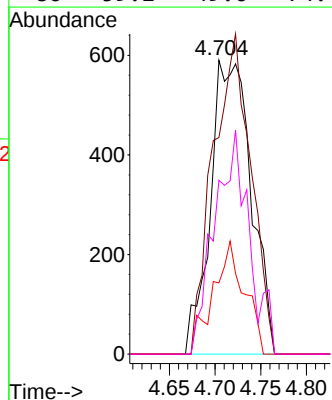
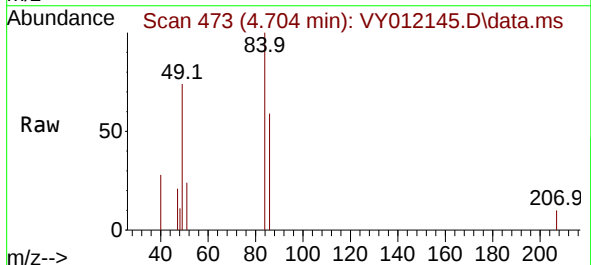
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-010923

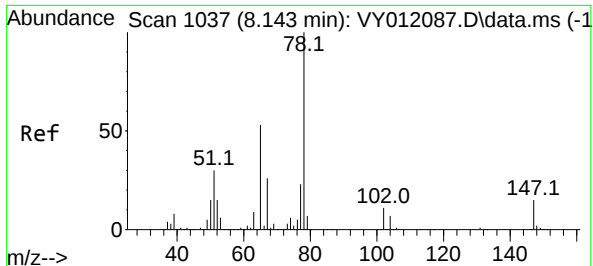
Tgt Ion:168 Resp: 11716
Ion Ratio Lower Upper
168 100
99 53.3 44.0 66.0



#20
Methylene Chloride
Concen: 9.142 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY012145.D
Acq: 10 Jan 2023 16:36

Tgt Ion: 84 Resp: 1830
Ion Ratio Lower Upper
84 100
49 73.7 95.4 143.2#
51 24.2 29.9 44.9#
86 59.2 49.6 74.4





#33

1,2-Dichloroethane-d4

Concen: 60.168 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012145.D

Acq: 10 Jan 2023 16:36

Instrument :

MSVOA_Y

ClientSampleId :

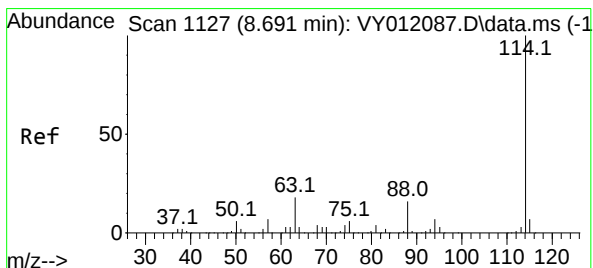
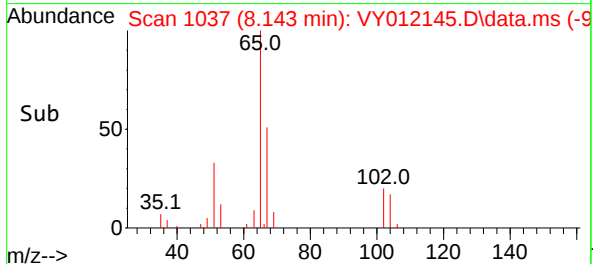
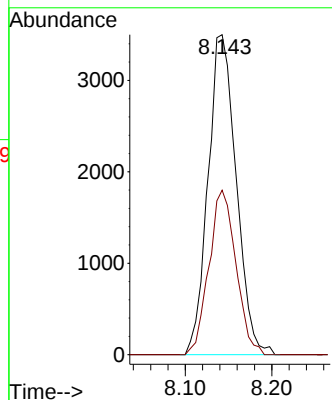
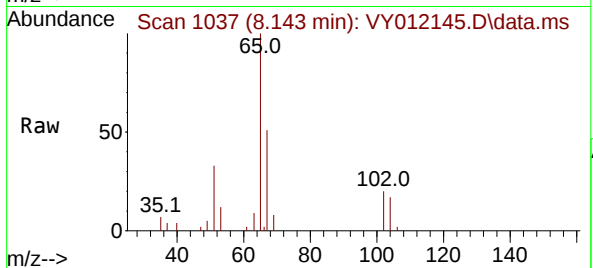
OK-01-010923

Tgt Ion: 65 Resp: 7921

Ion Ratio Lower Upper

65 100

67 49.2 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: VY012145.D

Acq: 10 Jan 2023 16:36

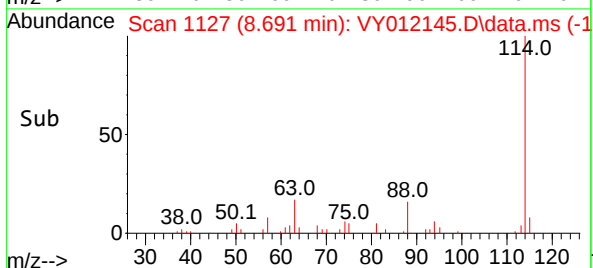
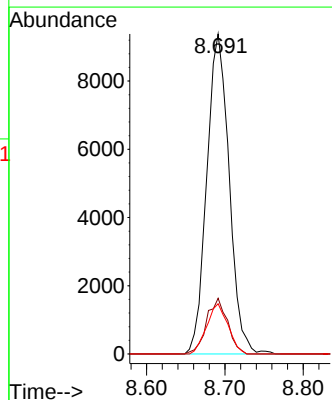
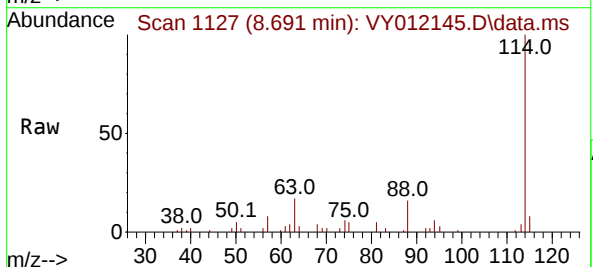
Tgt Ion: 114 Resp: 18621

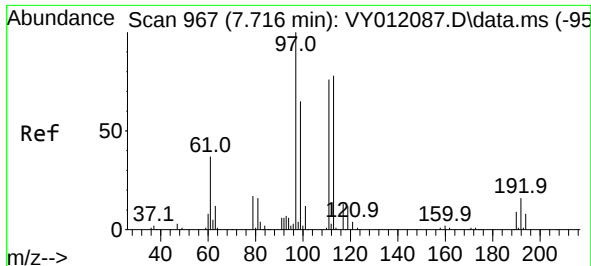
Ion Ratio Lower Upper

114 100

63 17.4 0.0 39.6

88 15.7 0.0 32.2

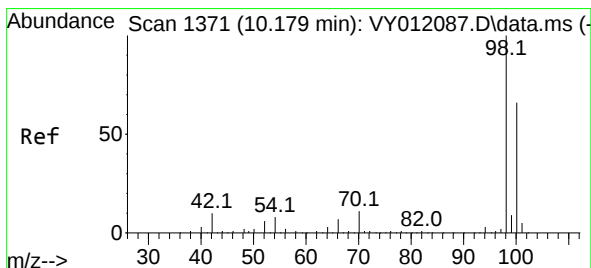
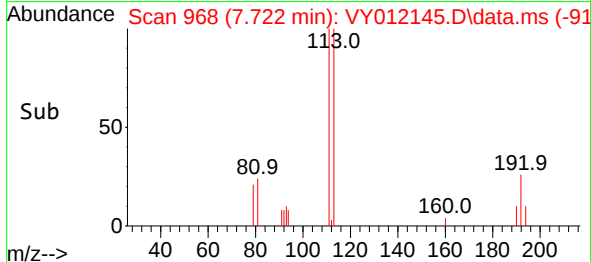
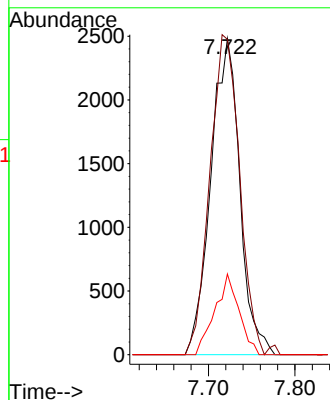
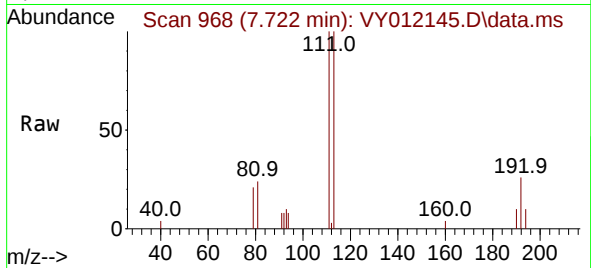




#35
Dibromofluoromethane
Concen: 47.184 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012145.D
Acq: 10 Jan 2023 16:36

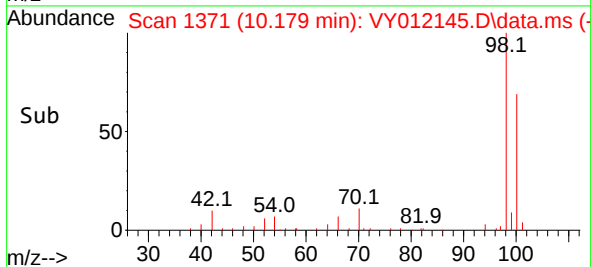
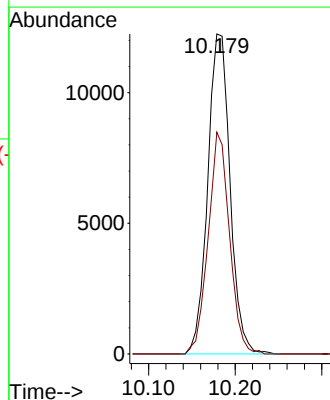
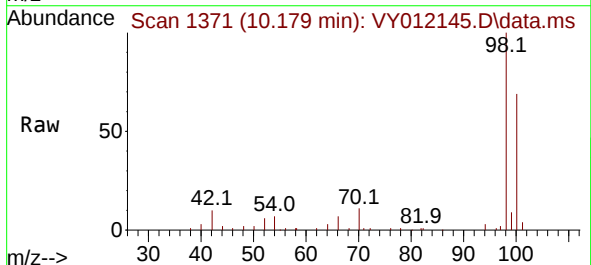
Instrument :
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ClientSampleId :
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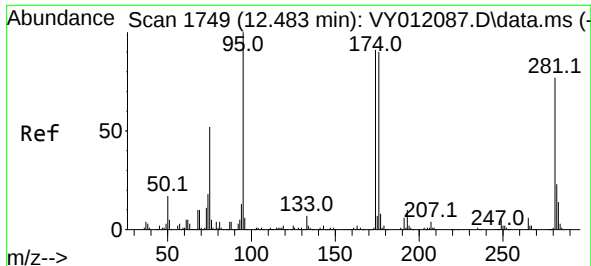
Tgt Ion:113 Resp: 5775
Ion Ratio Lower Upper
113 100
111 103.3 83.0 124.4
192 21.2 16.0 24.0



#50
Toluene-d8
Concen: 45.414 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012145.D
Acq: 10 Jan 2023 16:36

Tgt Ion: 98 Resp: 21939
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9

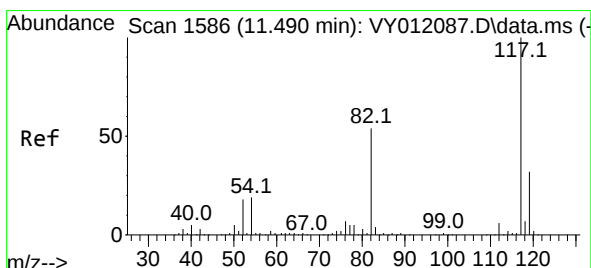
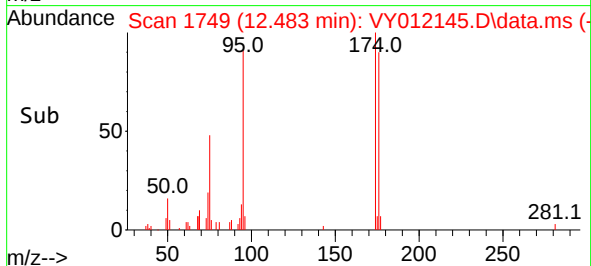
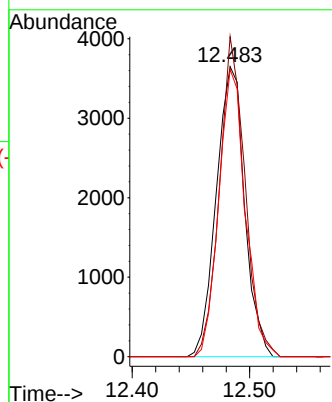
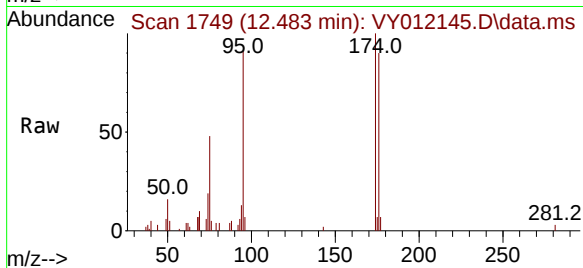




#62
4-Bromofluorobenzene
Concen: 36.154 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012145.D
Acq: 10 Jan 2023 16:36

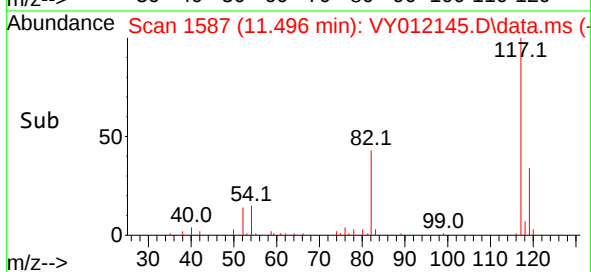
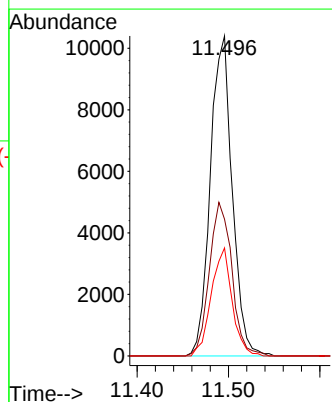
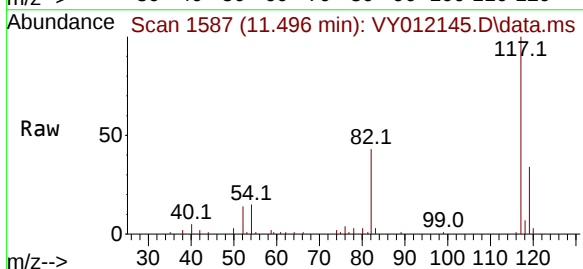
Instrument :
MSVOA_Y
ClientSampleId :
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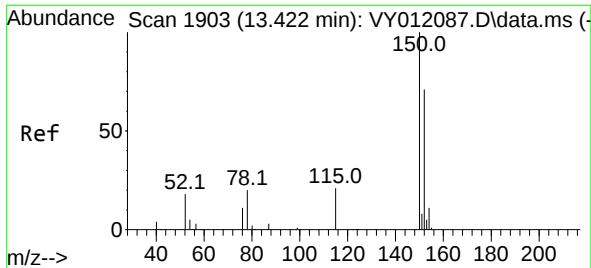
Tgt Ion:	95	Resp:	6105
Ion	Ratio	Lower	Upper
95	100		
174	99.2	0.0	172.0
176	92.7	0.0	167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY012145.D
Acq: 10 Jan 2023 16:36

Tgt Ion:	117	Resp:	17301
Ion	Ratio	Lower	Upper
117	100		
82	42.8	44.8	67.2#
119	33.8	25.4	38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012145.D

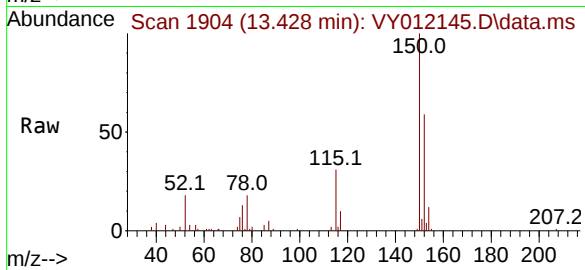
Acq: 10 Jan 2023 16:36

Instrument :

MSVOA_Y

ClientSampleId :

OK-01-010923



Tgt Ion:152 Resp: 6400

Ion Ratio Lower Upper

152 100

115 54.8 29.1 87.3

150 154.6 0.0 342.6

