

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
 Data File : VY017236.D
 Acq On : 05 Feb 2024 18:01
 Operator : SY/MD
 Sample : P1141-03
 Misc : 5.37g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EB-4-0-2

Quant Time: Feb 06 01:02:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

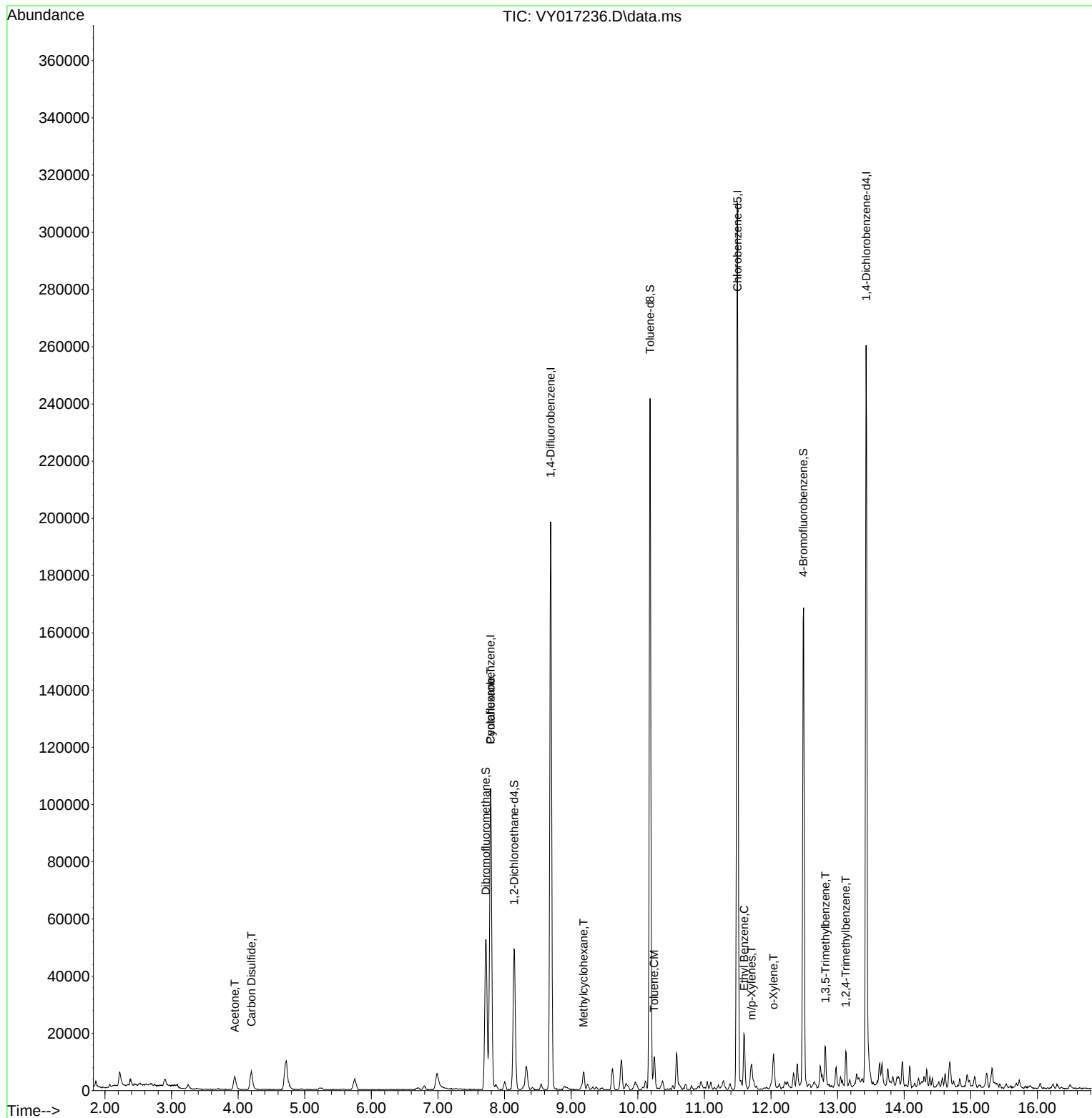
Internal Standards						
1) Pentafluorobenzene	7.789	168	78976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	168859	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	171160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	64365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	36194	51.301	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.600%			
35) Dibromofluoromethane	7.716	113	39508	43.333	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 86.660%			
50) Toluene-d8	10.185	98	151965	45.779	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 91.560%			
62) 4-Bromofluorobenzene	12.483	95	51752	47.591	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 95.180%			
Target Compounds						
16) Acetone	3.948	43	8012	38.638	ug/l	93
17) Carbon Disulfide	4.198	76	9517	3.895	ug/l	100
31) Cyclohexane	7.789	56	3039	2.137	ug/l #	23
39) Methylcyclohexane	9.185	83	2136	1.163	ug/l #	86
52) Toluene	10.246	92	4939	1.822	ug/l	97
67) Ethyl Benzene	11.599	91	13300	2.229	ug/l	93
68) m/p-Xylenes	11.709	106	2278	1.006	ug/l	92
69) o-Xylene	12.038	106	2464	1.182	ug/l	95
80) 1,3,5-Trimethylbenzene	12.819	105	4912	1.306	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	6671	1.797	ug/l	97

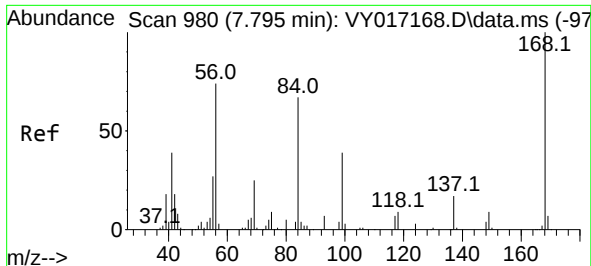
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
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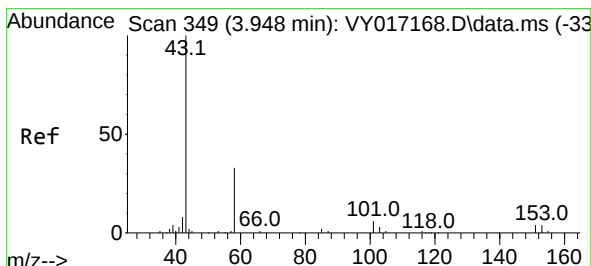
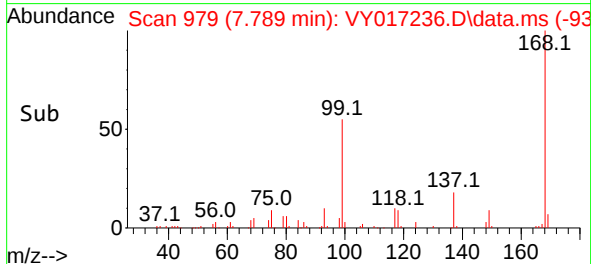
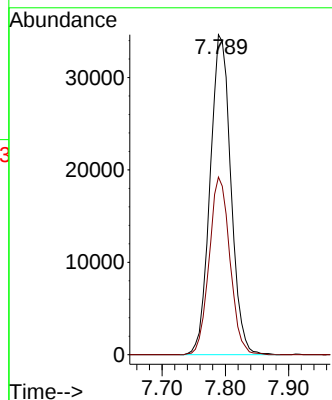
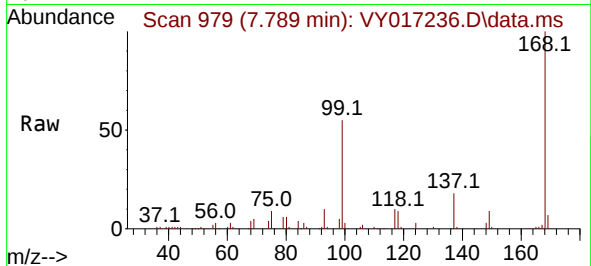




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017236.D
Acq: 05 Feb 2024 18:01

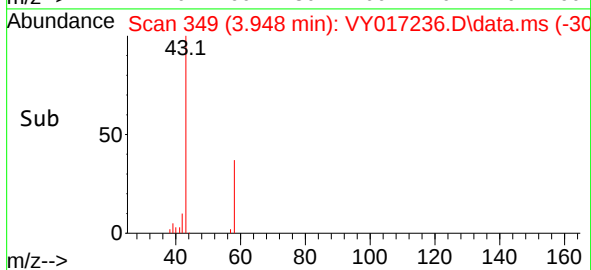
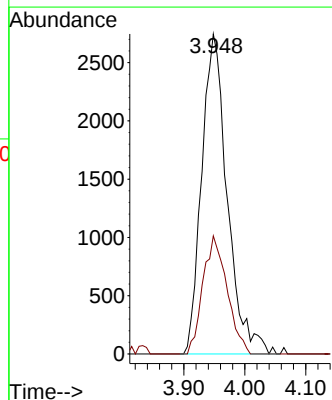
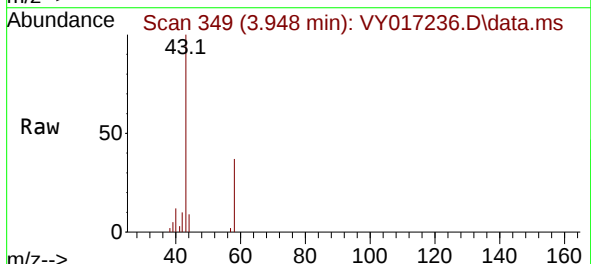
Instrument :
MSVOA_Y
ClientSampleId :
EB-4-0-2

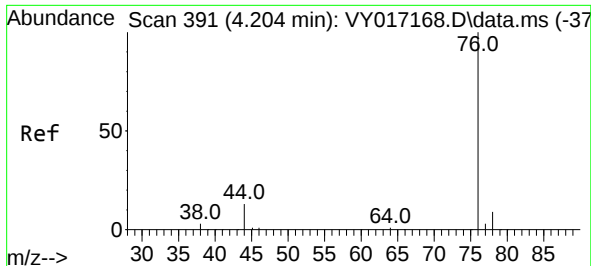
Tgt Ion:168 Resp: 78976
Ion Ratio Lower Upper
168 100
99 55.5 44.2 66.4



#16
Acetone
Concen: 38.638 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY017236.D
Acq: 05 Feb 2024 18:01

Tgt Ion: 43 Resp: 8012
Ion Ratio Lower Upper
43 100
58 36.9 26.6 39.8

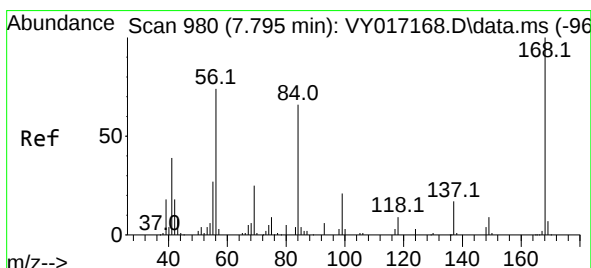
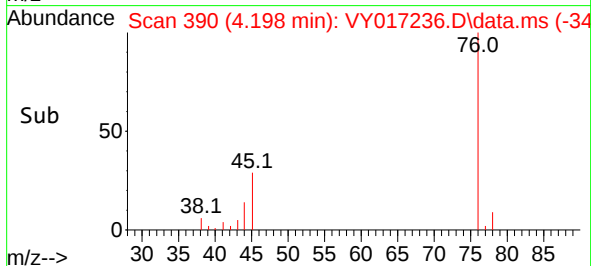
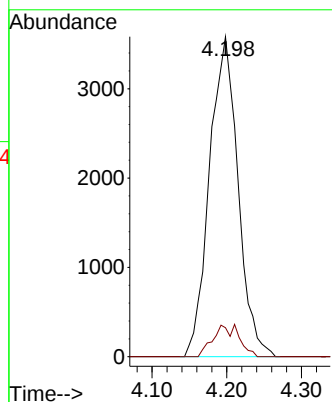
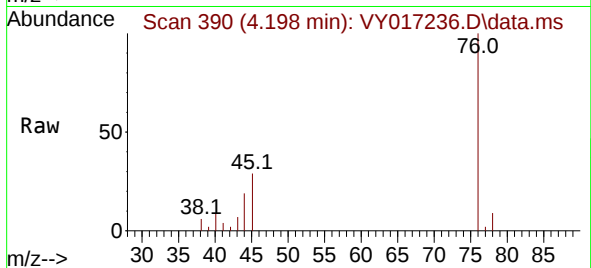




#17
Carbon Disulfide
Concen: 3.895 ug/l
RT: 4.198 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY017236.D
Acq: 05 Feb 2024 18:01

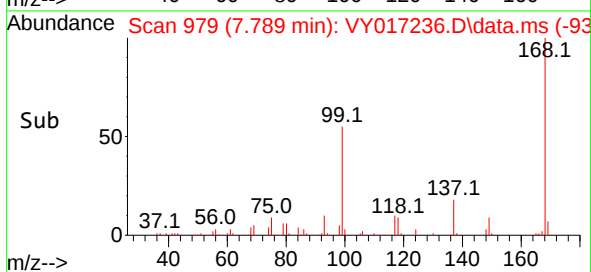
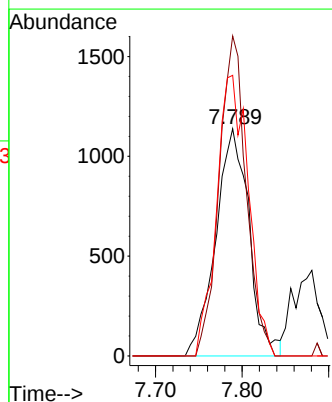
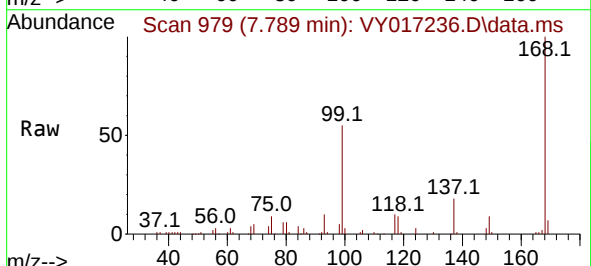
Instrument :
MSVOA_Y
ClientSampleId :
EB-4-0-2

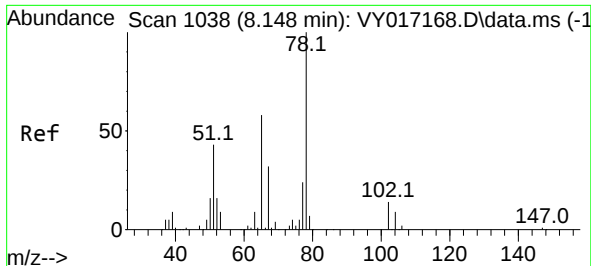
Tgt Ion: 76 Resp: 9517
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#31
Cyclohexane
Concen: 2.137 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY017236.D
Acq: 05 Feb 2024 18:01

Tgt Ion: 56 Resp: 3039
Ion Ratio Lower Upper
56 100
69 140.9 27.0 40.6#
84 123.6 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 51.301 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VY017236.D

Acq: 05 Feb 2024 18:01

Instrument :

MSVOA_Y

ClientSampleId :

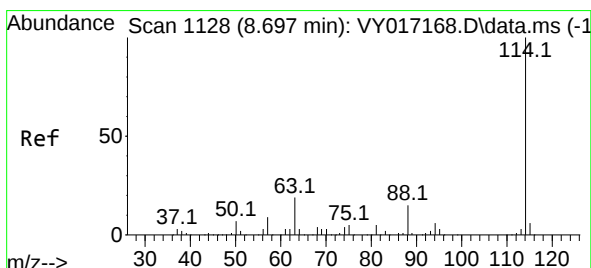
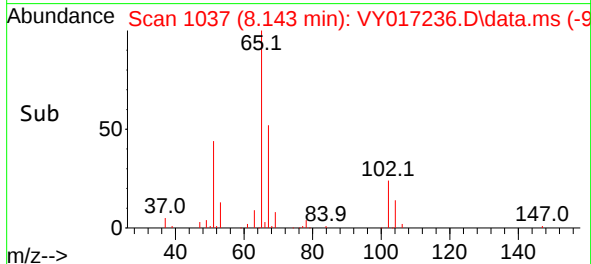
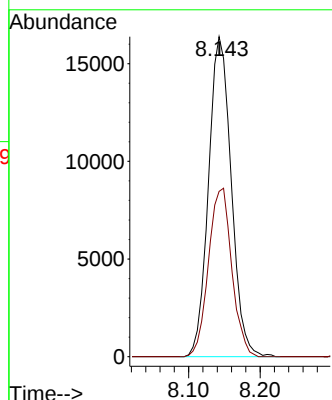
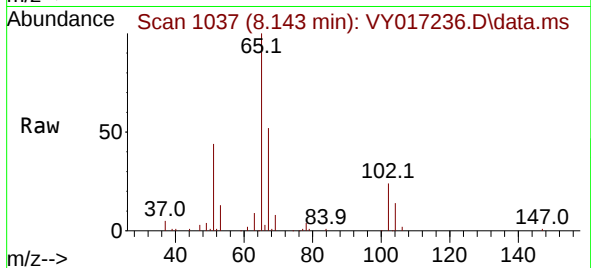
EB-4-0-2

Tgt Ion: 65 Resp: 36194

Ion Ratio Lower Upper

65 100

67 53.9 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY017236.D

Acq: 05 Feb 2024 18:01

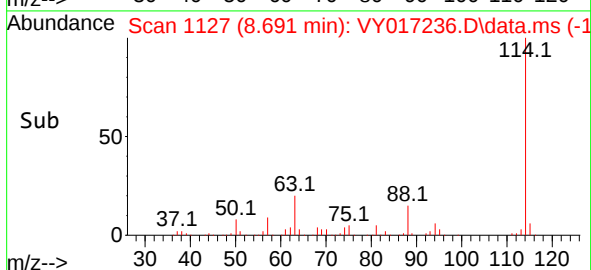
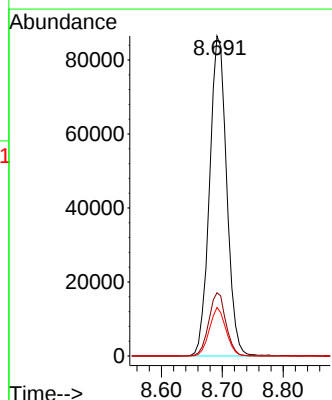
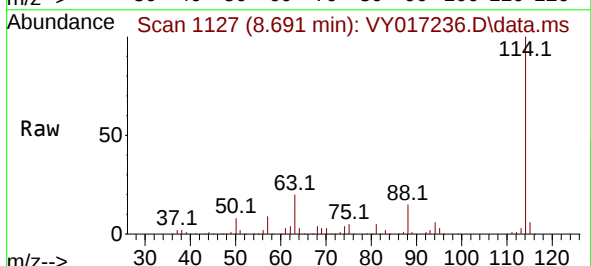
Tgt Ion: 114 Resp: 168859

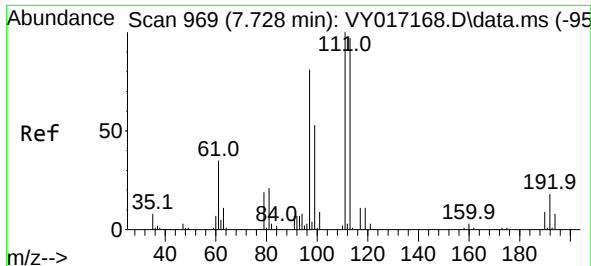
Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 15.2 0.0 29.0

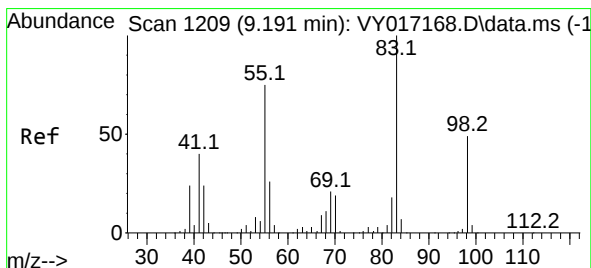
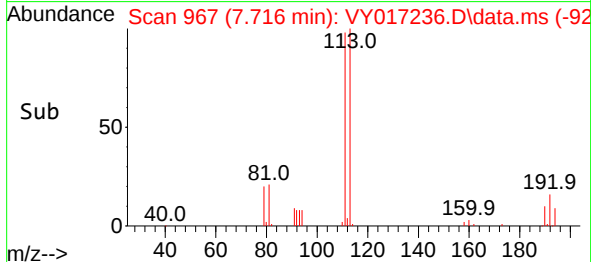
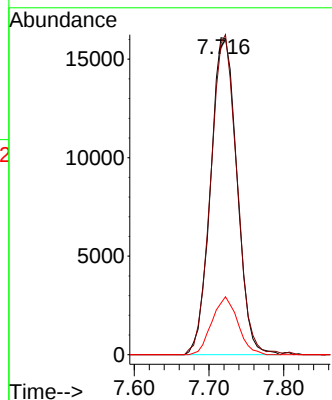
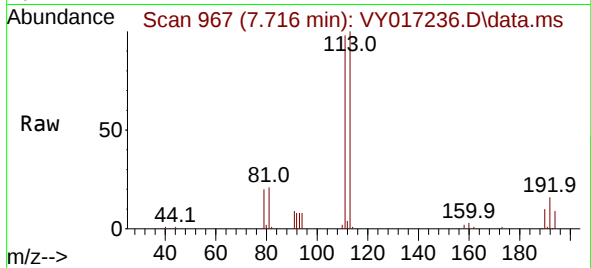




#35
Dibromofluoromethane
Concen: 43.333 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017236.D
Acq: 05 Feb 2024 18:01

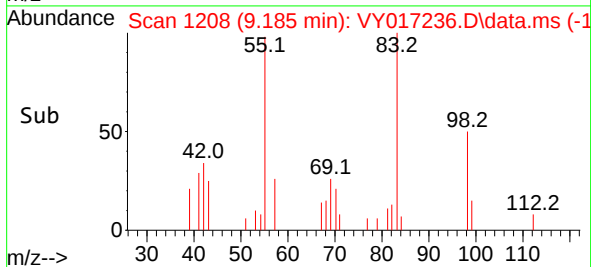
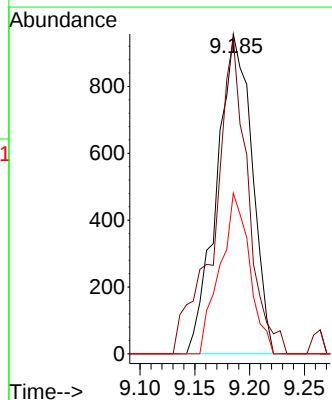
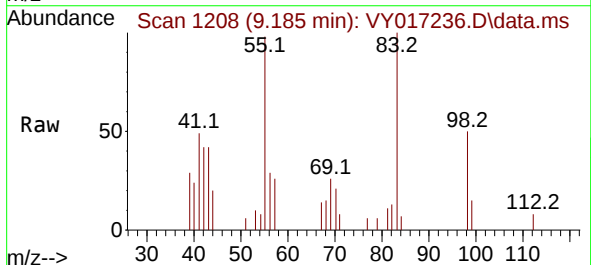
Instrument :
MSVOA_Y
ClientSampleId :
EB-4-0-2

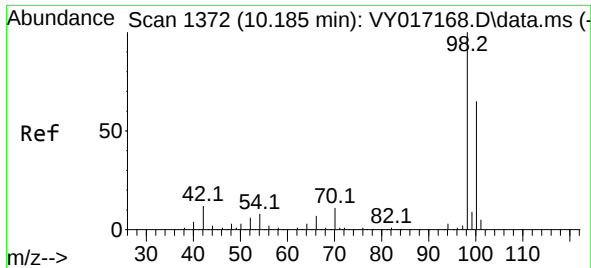
Tgt Ion:113 Resp: 39508
Ion Ratio Lower Upper
113 100
111 99.9 83.8 125.6
192 17.8 14.5 21.7



#39
Methylcyclohexane
Concen: 1.163 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY017236.D
Acq: 05 Feb 2024 18:01

Tgt Ion: 83 Resp: 2136
Ion Ratio Lower Upper
83 100
55 91.2 59.7 89.5#
98 50.3 38.0 57.0

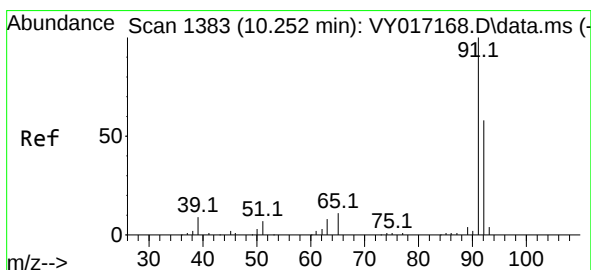
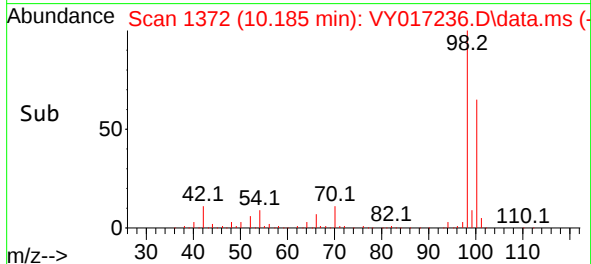
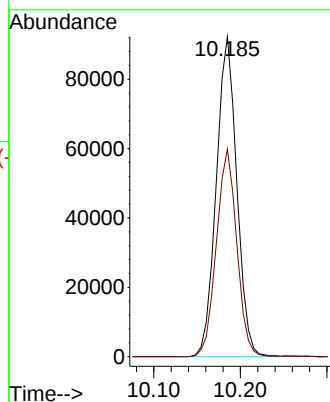
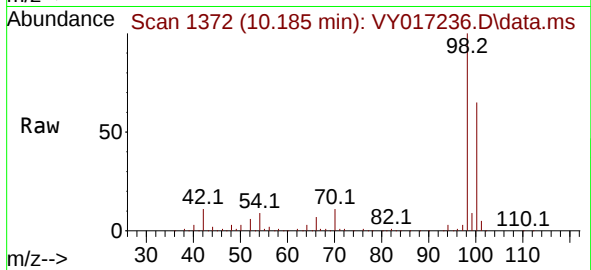




#50
Toluene-d8
Concen: 45.779 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017236.D
Acq: 05 Feb 2024 18:01

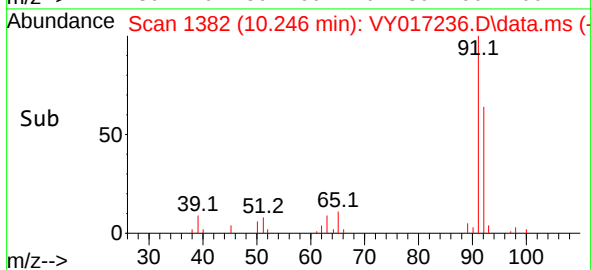
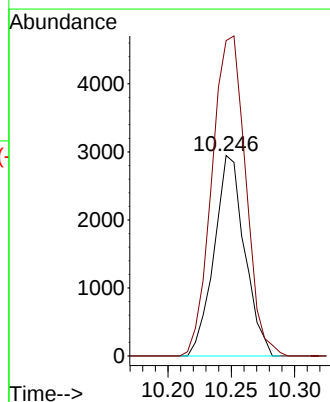
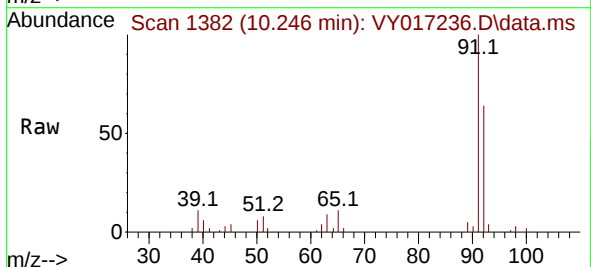
Instrument :
MSVOA_Y
ClientSampleId :
EB-4-0-2

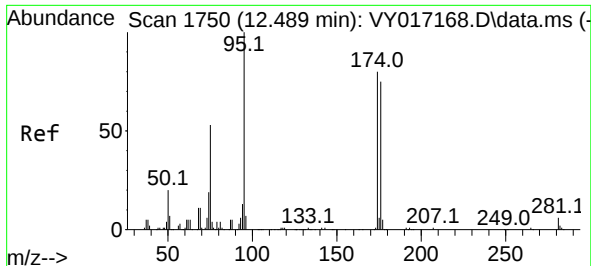
Tgt Ion: 98 Resp: 151965
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5



#52
Toluene
Concen: 1.822 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VY017236.D
Acq: 05 Feb 2024 18:01

Tgt Ion: 92 Resp: 4939
Ion Ratio Lower Upper
92 100
91 176.8 137.6 206.4

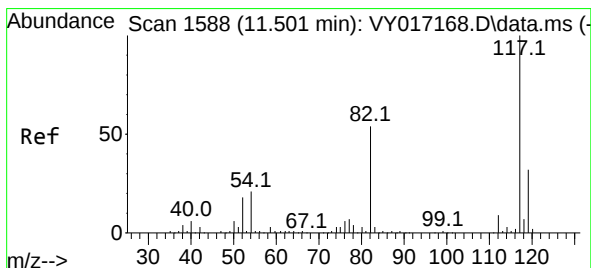
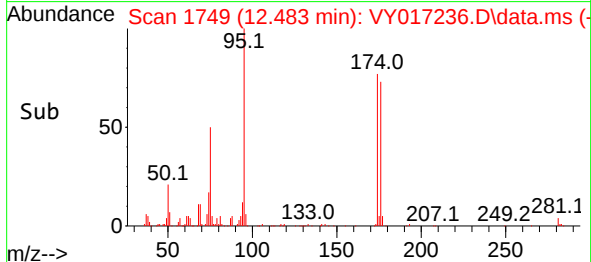
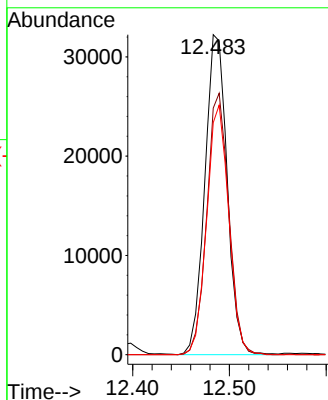
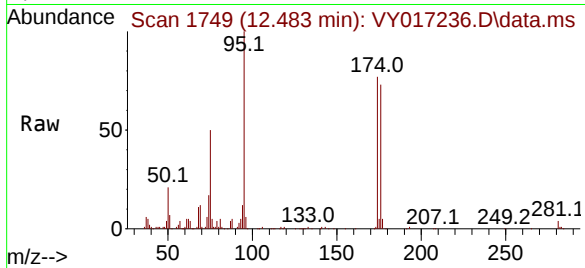




#62
4-Bromofluorobenzene
Concen: 47.591 ug/l
RT: 12.483 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY017236.D
Acq: 05 Feb 2024 18:01

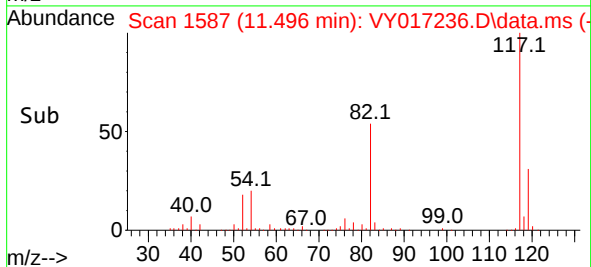
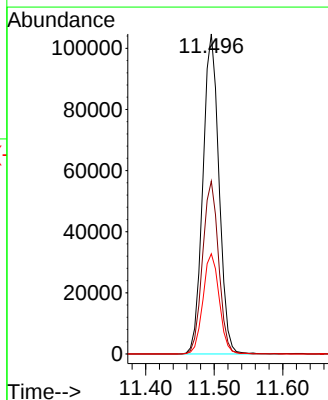
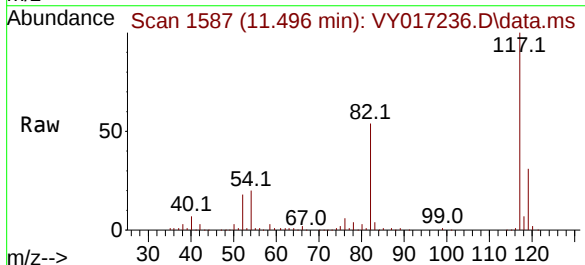
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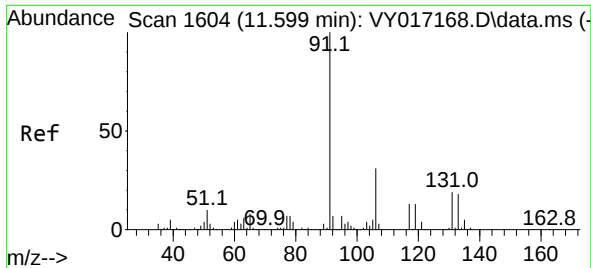
Tgt Ion: 95 Resp: 51752
Ion Ratio Lower Upper
95 100
174 80.6 0.0 160.0
176 77.0 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY017236.D
Acq: 05 Feb 2024 18:01

Tgt Ion: 117 Resp: 171160
Ion Ratio Lower Upper
117 100
82 54.0 43.8 65.8
119 31.3 26.5 39.7

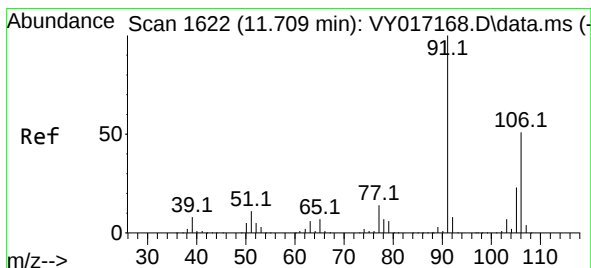
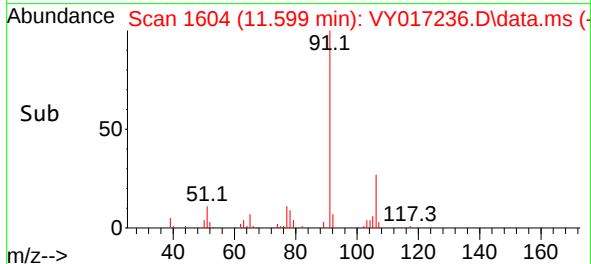
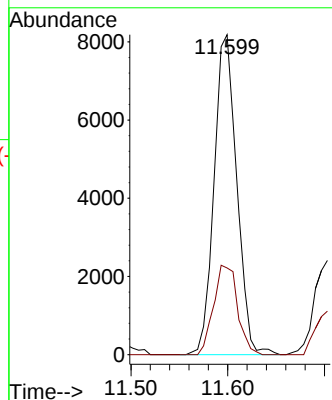
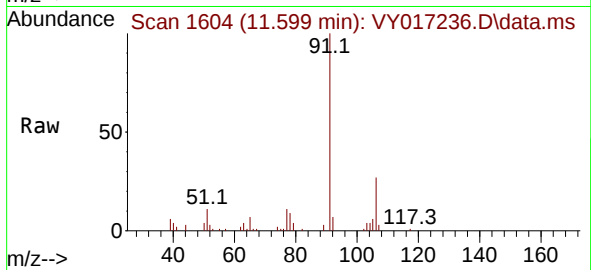




#67
Ethyl Benzene
Concen: 2.229 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017236.D
Acq: 05 Feb 2024 18:01

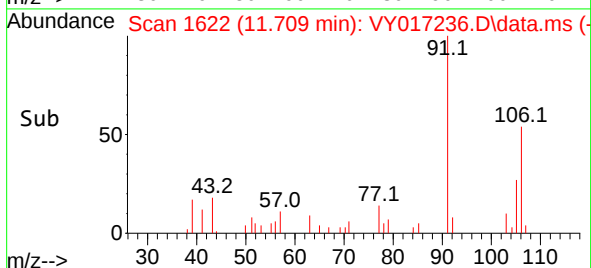
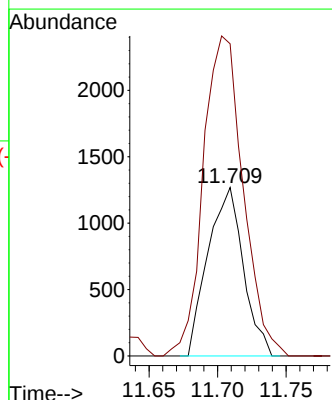
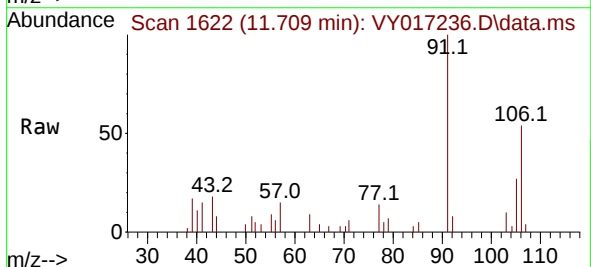
Instrument :
MSVOA_Y
ClientSampleId :
EB-4-0-2

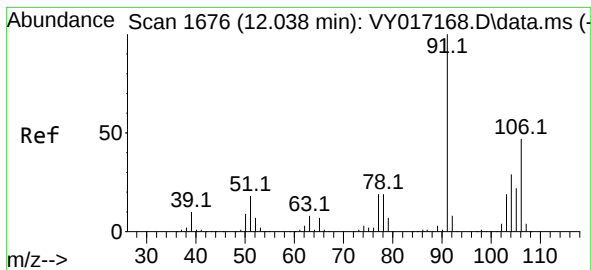
Tgt Ion: 91 Resp: 13300
Ion Ratio Lower Upper
91 100
106 27.1 25.0 37.4



#68
m/p-Xylenes
Concen: 1.006 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY017236.D
Acq: 05 Feb 2024 18:01

Tgt Ion:106 Resp: 2278
Ion Ratio Lower Upper
106 100
91 213.7 160.7 241.1





#69

o-Xylene

Concen: 1.182 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017236.D

Acq: 05 Feb 2024 18:01

Instrument :

MSVOA_Y

ClientSampleId :

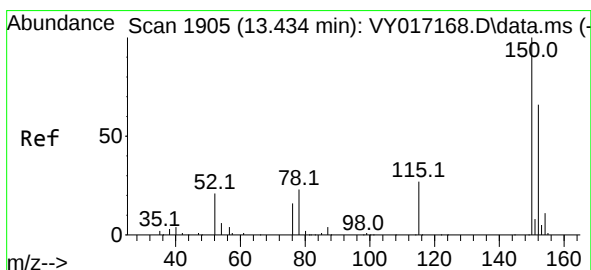
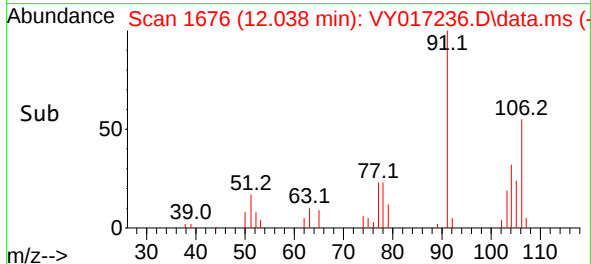
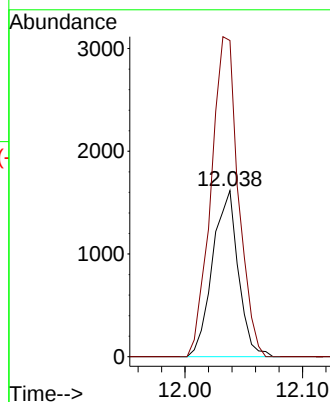
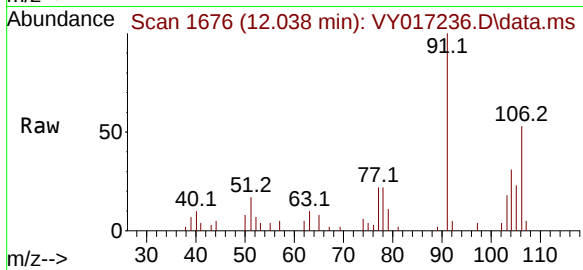
EB-4-0-2

Tgt Ion:106 Resp: 2464

Ion Ratio Lower Upper

106 100

91 205.0 106.5 319.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY017236.D

Acq: 05 Feb 2024 18:01

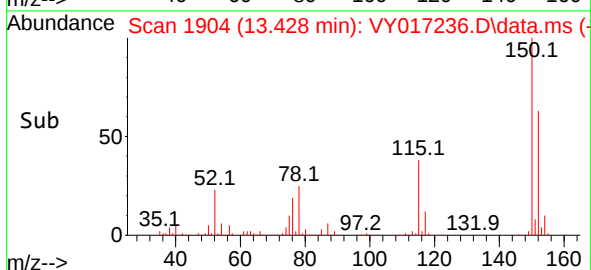
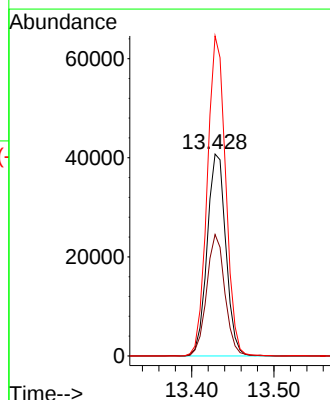
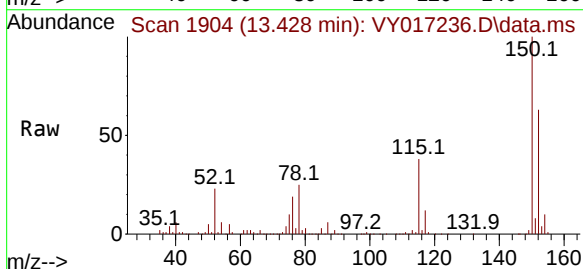
Tgt Ion:152 Resp: 64365

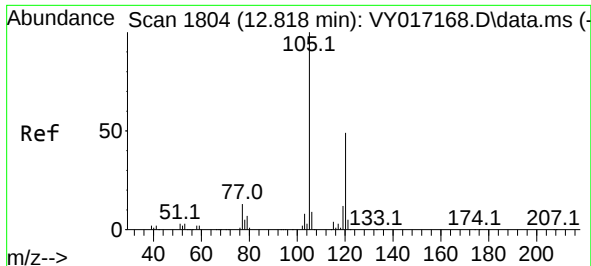
Ion Ratio Lower Upper

152 100

115 58.7 30.0 90.0

150 155.7 0.0 344.6

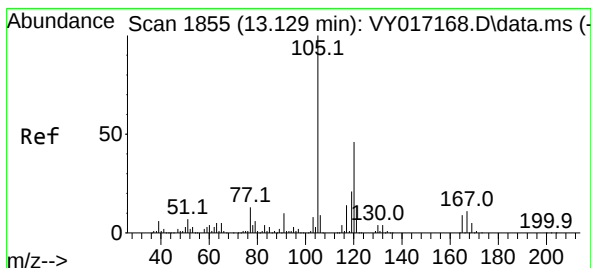
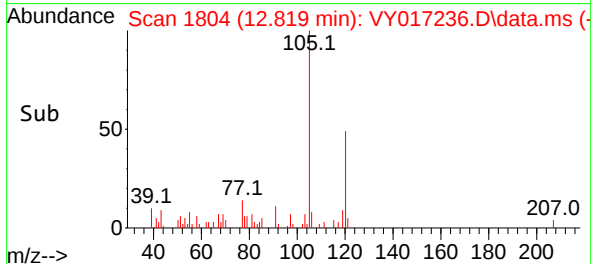
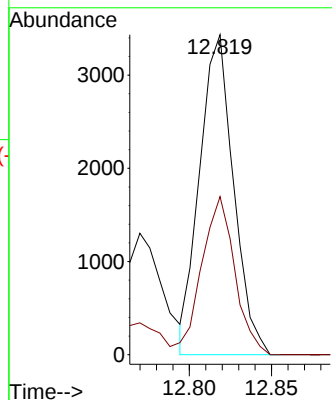
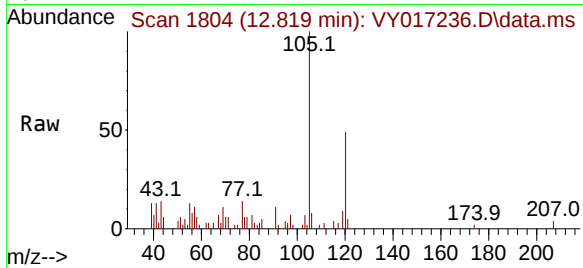




#80
1,3,5-Trimethylbenzene
Concen: 1.306 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017236.D
Acq: 05 Feb 2024 18:01

Instrument :
MSVOA_Y
ClientSampleId :
EB-4-0-2

Tgt Ion:105 Resp: 4912
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.8



#84
1,2,4-Trimethylbenzene
Concen: 1.797 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.006 min
Lab File: VY017236.D
Acq: 05 Feb 2024 18:01

Tgt Ion:105 Resp: 6671
Ion Ratio Lower Upper
105 100
120 46.4 22.1 66.3

