

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012522\
 Data File : VY007293.D
 Acq On : 25 Jan 2022 14:43
 Operator : SY/MD
 Sample : N1263-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D2-E2B

Quant Time: Jan 26 03:57:41 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)

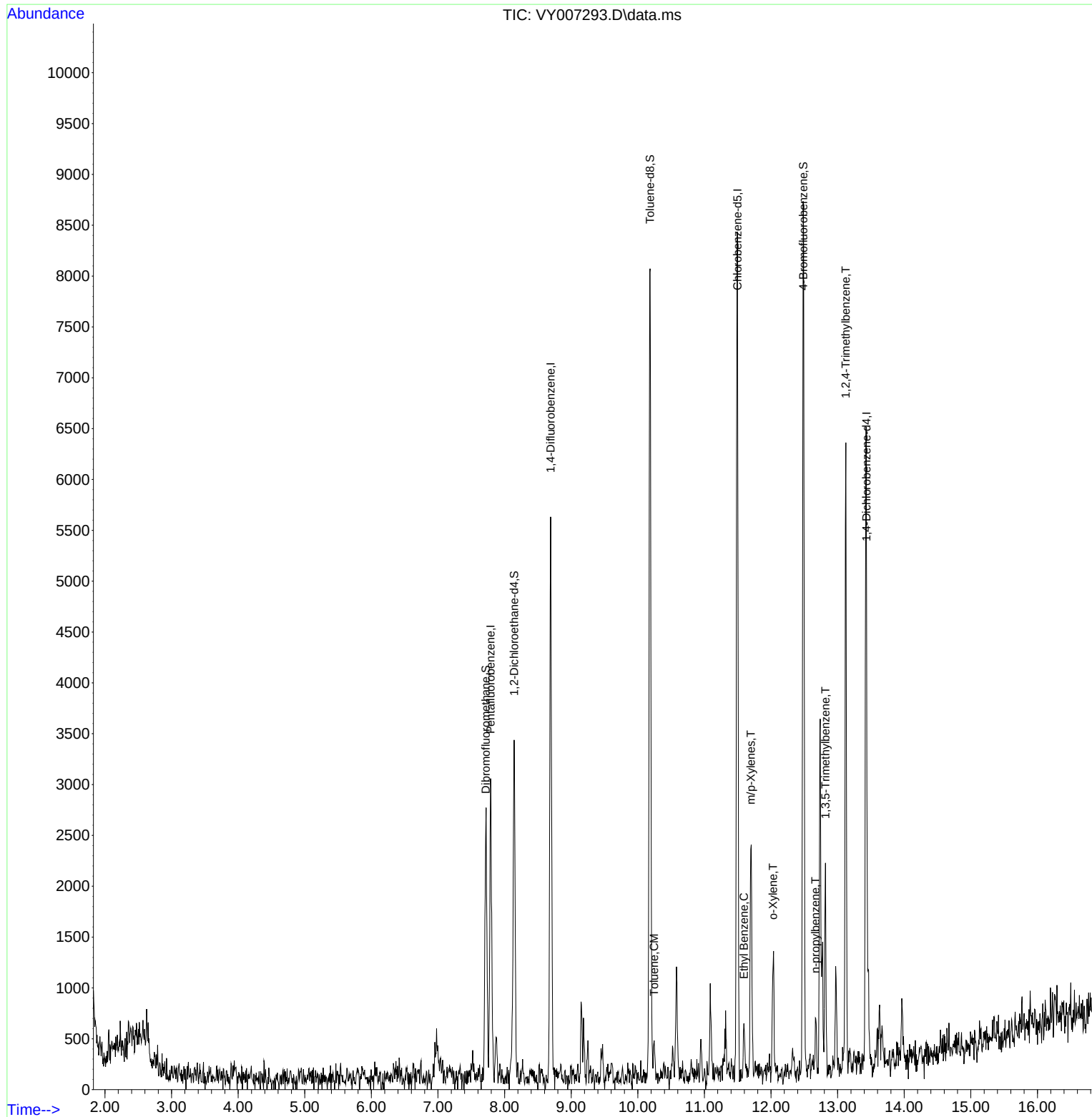
Internal Standards						
1) Pentafluorobenzene	7.789	168	2276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	4825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	4789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	1695	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	2317	82.967	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 165.940%#	
35) Dibromofluoromethane	7.716	113	1852	56.765	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.520%	
50) Toluene-d8	10.185	98	5870	49.239	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.480%	
62) 4-Bromofluorobenzene	12.483	95	2100	49.521	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.040%	
Target Compounds						
						Qvalue
52) Toluene	10.246	92	196	2.225	ug/l	85
67) Ethyl Benzene	11.593	91	541	2.749	ug/l	99
68) m/p-Xylenes	11.697	106	922	12.606	ug/l	90
69) o-Xylene	12.032	106	458	6.650	ug/l	75
78) n-propylbenzene	12.666	91	662	3.648	ug/l	93
80) 1,3,5-Trimethylbenzene	12.819	105	1271	10.574	ug/l	91
84) 1,2,4-Trimethylbenzene	13.123	105	3273	27.470	ug/l	99

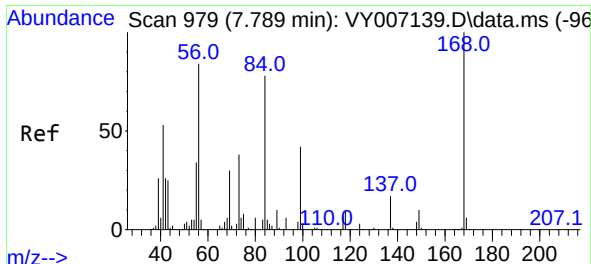
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
D2-E2B

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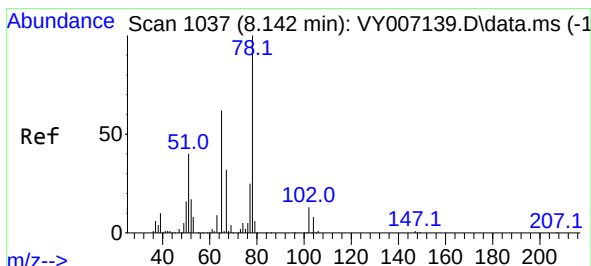
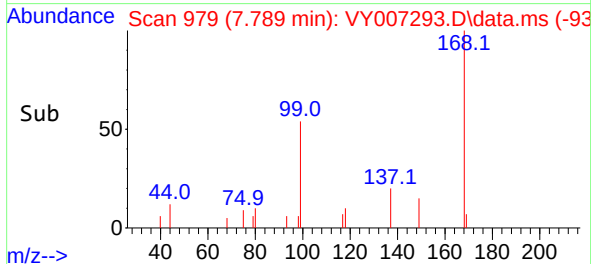
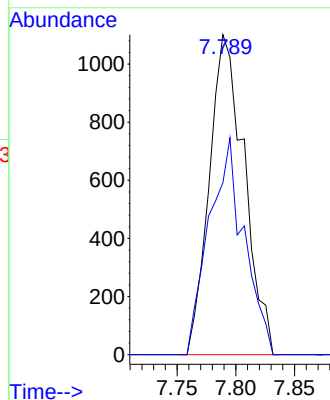
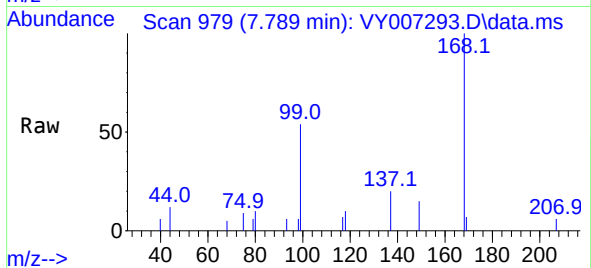




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007293.D
Acq: 25 Jan 2022 14:43

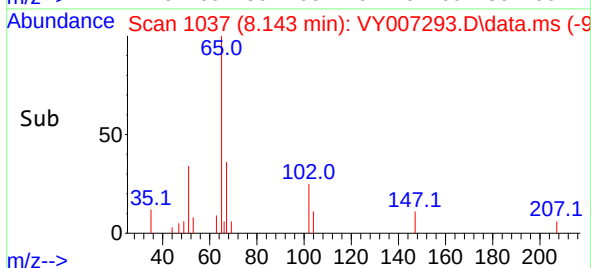
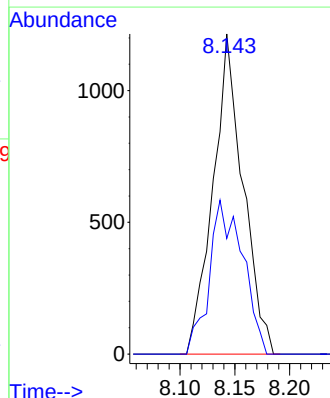
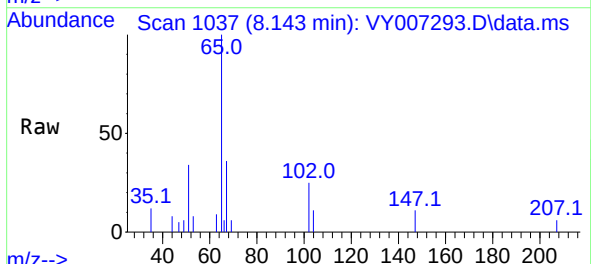
Instrument :
MSVOA_Y
ClientSampleId :
D2-E2B

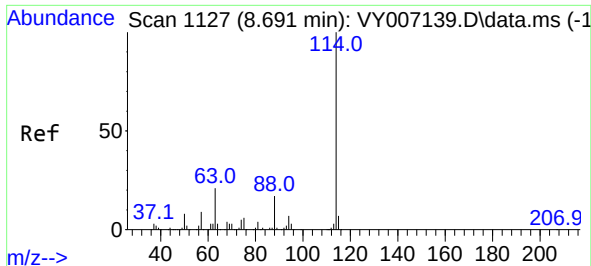
Tgt Ion:168 Resp: 2276
Ion Ratio Lower Upper
168 100
99 53.8 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 82.967 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007293.D
Acq: 25 Jan 2022 14:43

Tgt Ion: 65 Resp: 2317
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.6

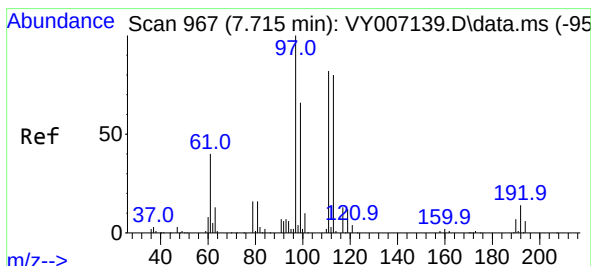
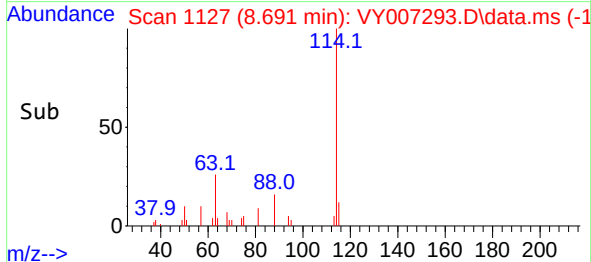
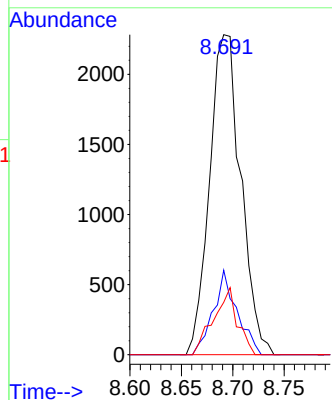
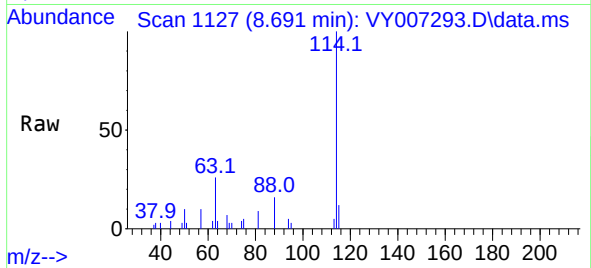




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007293.D
Acq: 25 Jan 2022 14:43

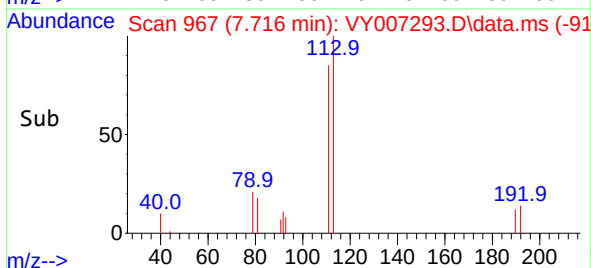
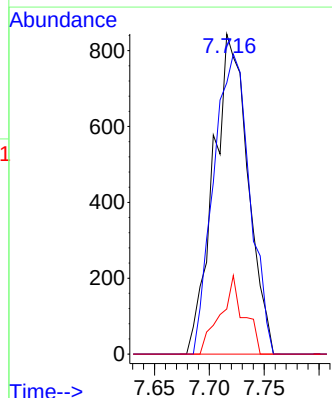
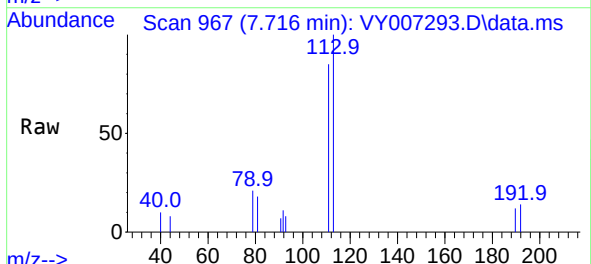
Instrument :
MSVOA_Y
ClientSampleId :
D2-E2B

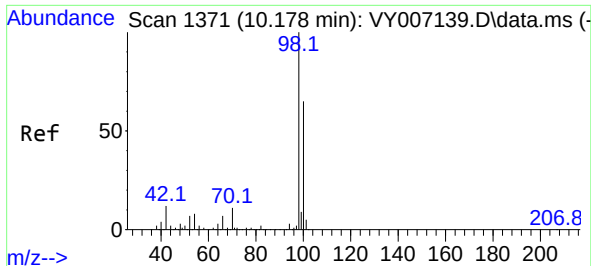
Tgt Ion:	114	Resp:	4825
Ion	Ratio	Lower	Upper
114	100		
63	26.4	0.0	39.2
88	16.4	0.0	31.0



#35
Dibromofluoromethane
Concen: 56.765 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY007293.D
Acq: 25 Jan 2022 14:43

Tgt Ion:	113	Resp:	1852
Ion	Ratio	Lower	Upper
113	100		
111	97.9	82.2	123.4
192	16.7	14.2	21.4

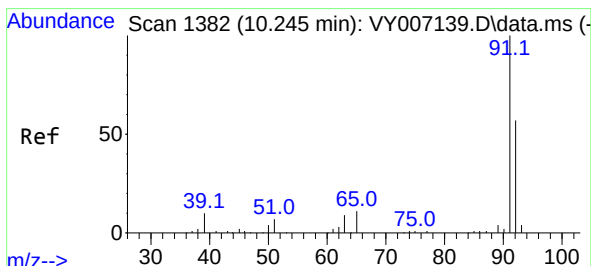
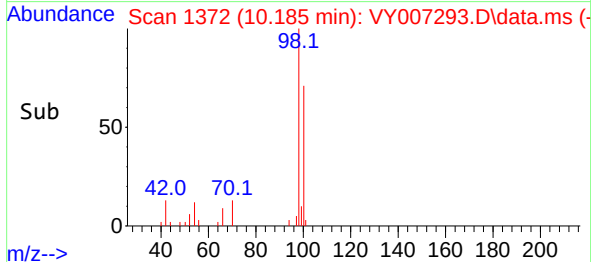
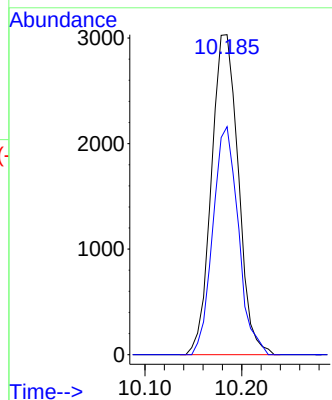
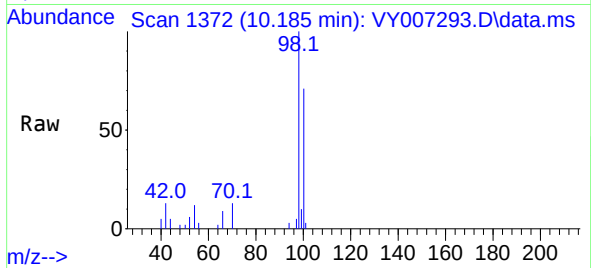




#50
Toluene-d8
Concen: 49.239 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY007293.D
Acq: 25 Jan 2022 14:43

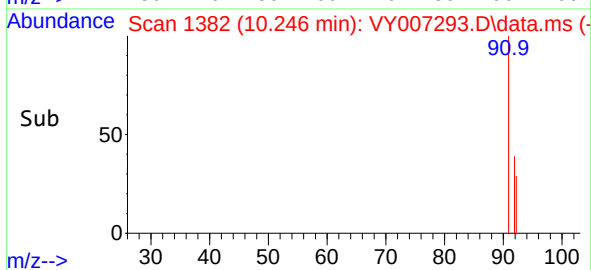
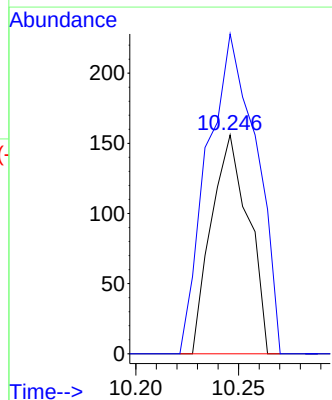
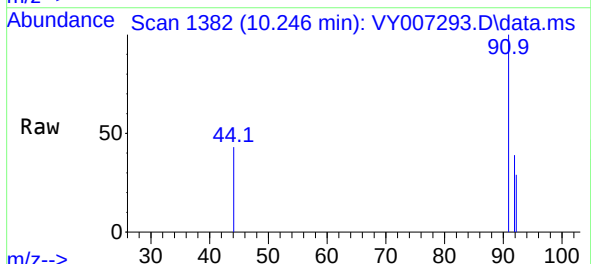
Instrument :
MSVOA_Y
ClientSampleId :
D2-E2B

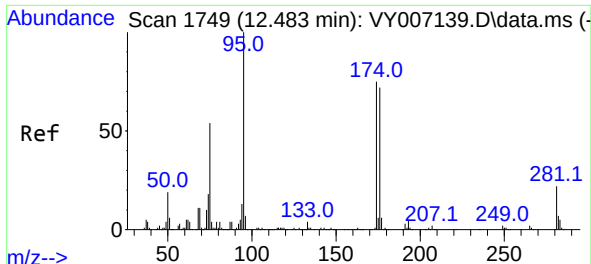
Tgt Ion: 98 Resp: 5870
Ion Ratio Lower Upper
98 100
100 67.4 52.2 78.2



#52
Toluene
Concen: 2.225 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY007293.D
Acq: 25 Jan 2022 14:43

Tgt Ion: 92 Resp: 196
Ion Ratio Lower Upper
92 100
91 193.4 138.6 207.8

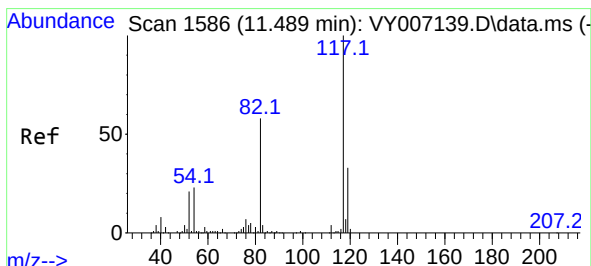
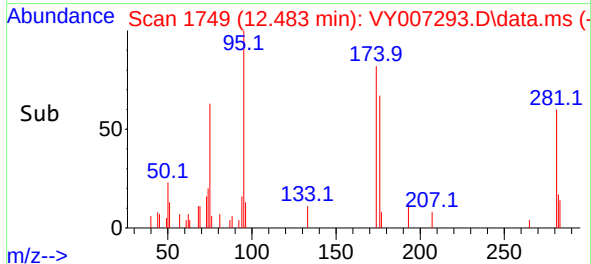
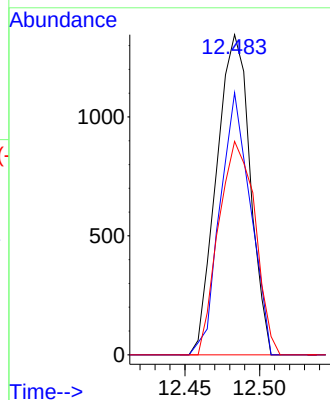
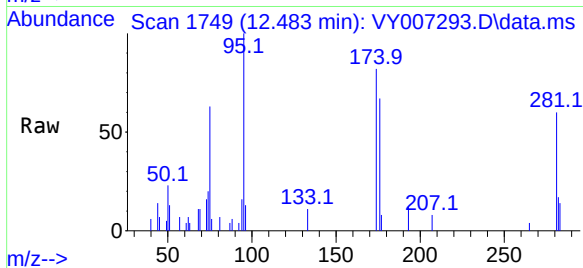




#62
4-Bromofluorobenzene
Concen: 49.521 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007293.D
Acq: 25 Jan 2022 14:43

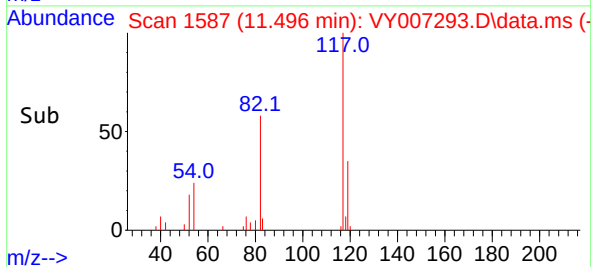
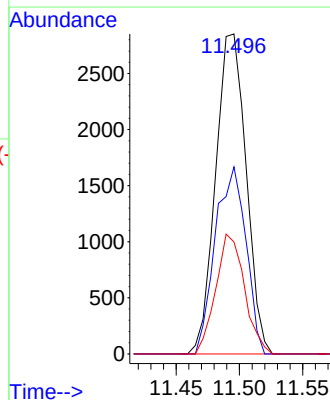
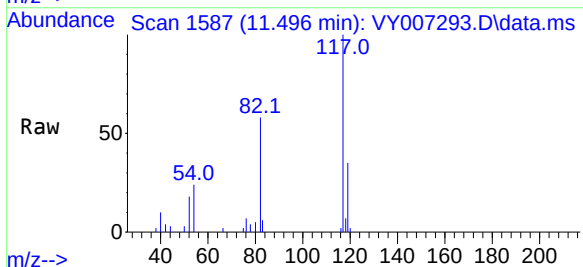
Instrument :
MSVOA_Y
ClientSampleId :
D2-E2B

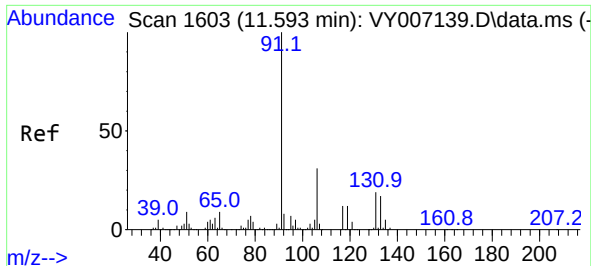
Tgt Ion: 95 Resp: 2100
Ion Ratio Lower Upper
95 100
174 74.1 0.0 148.4
176 72.3 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY007293.D
Acq: 25 Jan 2022 14:43

Tgt Ion: 117 Resp: 4789
Ion Ratio Lower Upper
117 100
82 58.5 45.4 68.0
119 35.0 26.4 39.6

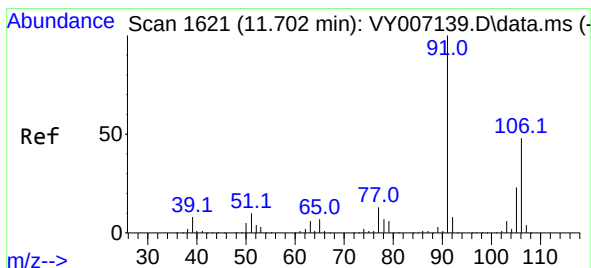
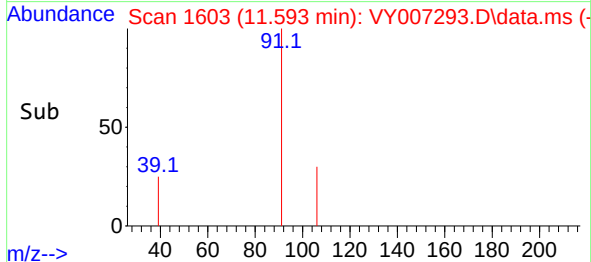
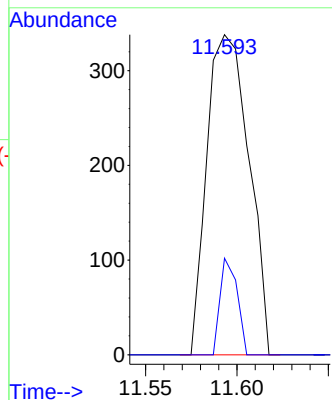
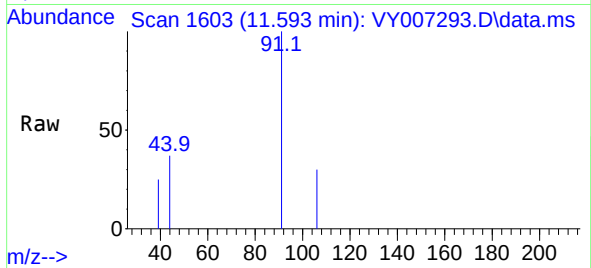




#67
Ethyl Benzene
Concen: 2.749 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007293.D
Acq: 25 Jan 2022 14:43

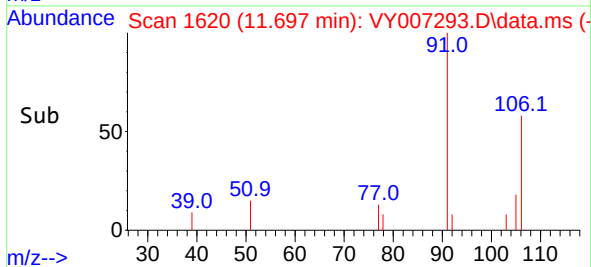
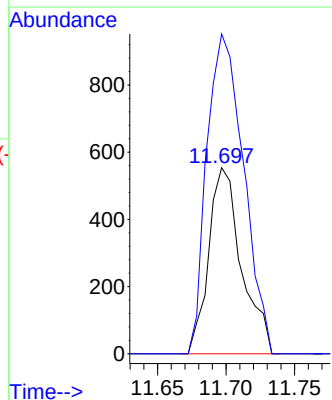
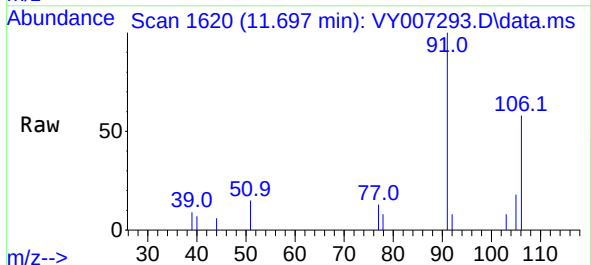
Instrument :
MSVOA_Y
ClientSampleId :
D2-E2B

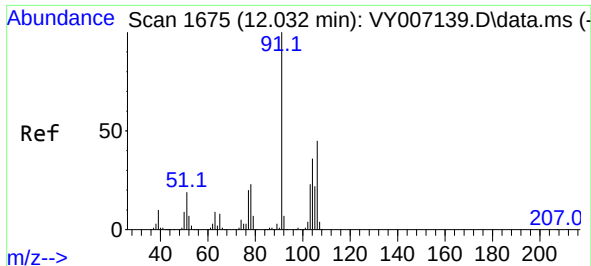
Tgt Ion: 91 Resp: 541
Ion Ratio Lower Upper
91 100
106 30.2 23.9 35.9



#68
m/p-Xylenes
Concen: 12.606 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY007293.D
Acq: 25 Jan 2022 14:43

Tgt Ion: 106 Resp: 922
Ion Ratio Lower Upper
106 100
91 193.0 167.1 250.7

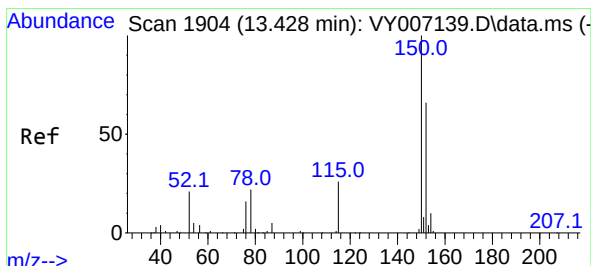
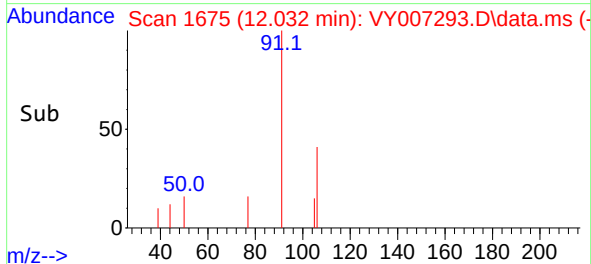
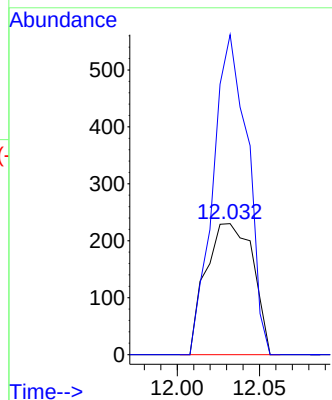
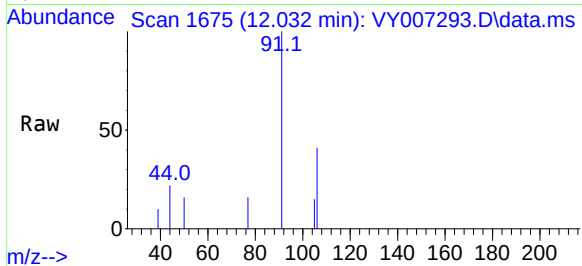




#69
o-Xylene
Concen: 6.650 ug/l
RT: 12.032 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007293.D
Acq: 25 Jan 2022 14:43

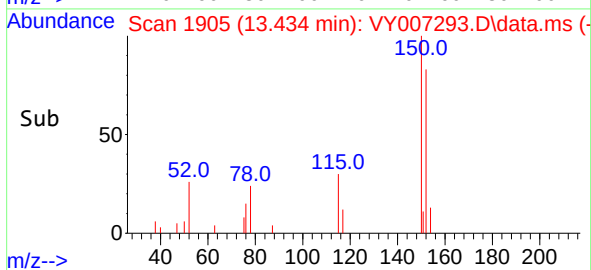
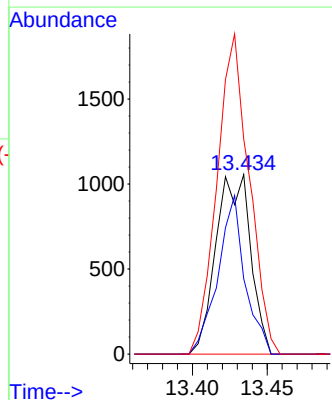
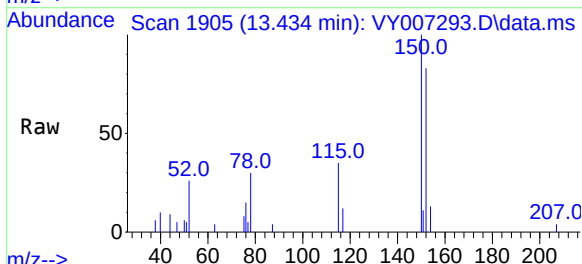
Instrument :
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ClientSampleId :
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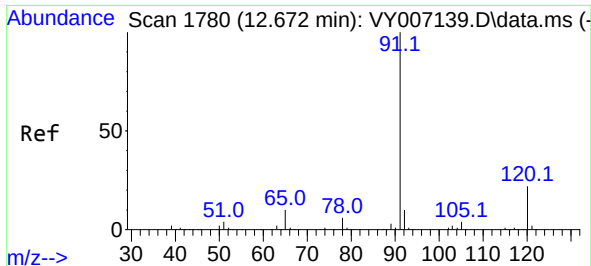
Tgt Ion:106 Resp: 458
Ion Ratio Lower Upper
106 100
91 180.1 109.9 329.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY007293.D
Acq: 25 Jan 2022 14:43

Tgt Ion:152 Resp: 1695
Ion Ratio Lower Upper
152 100
115 69.2 31.4 94.0
150 166.1 0.0 348.4

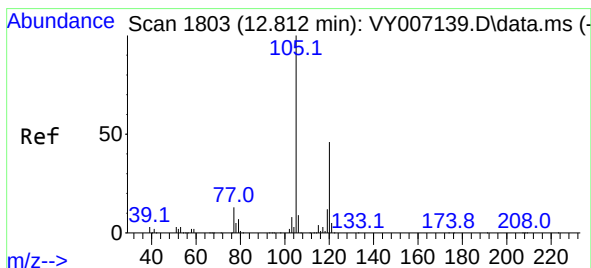
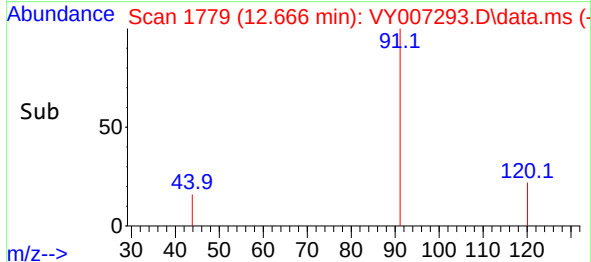
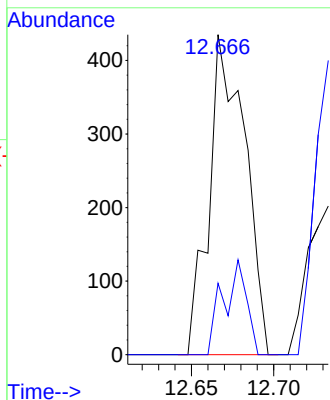
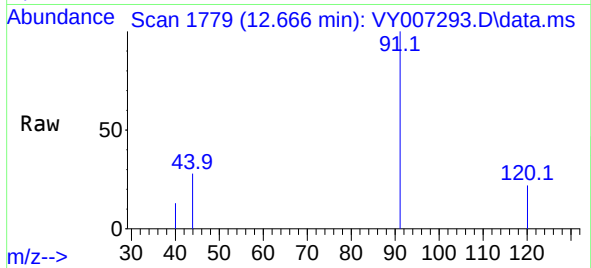




#78
n-propylbenzene
Concen: 3.648 ug/l
RT: 12.666 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007293.D
Acq: 25 Jan 2022 14:43

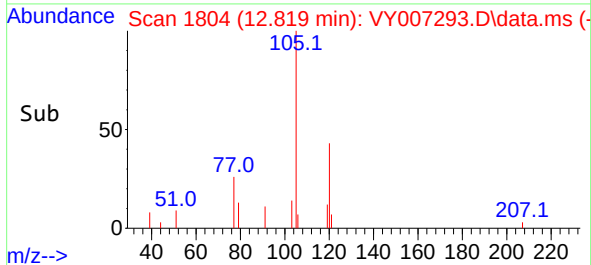
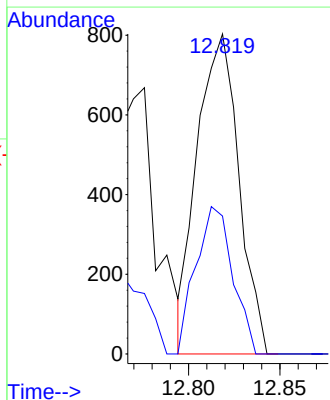
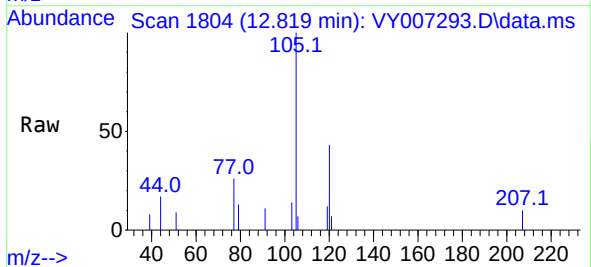
Instrument :
MSVOA_Y
ClientSampleId :
D2-E2B

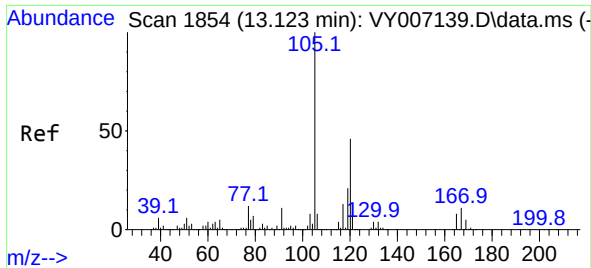
Tgt Ion: 91 Resp: 662
Ion Ratio Lower Upper
91 100
120 19.2 11.2 33.5



#80
1,3,5-Trimethylbenzene
Concen: 10.574 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY007293.D
Acq: 25 Jan 2022 14:43

Tgt Ion: 105 Resp: 1271
Ion Ratio Lower Upper
105 100
120 41.1 23.7 71.1





#84

1,2,4-Trimethylbenzene

Concen: 27.470 ug/l

RT: 13.123 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007293.D

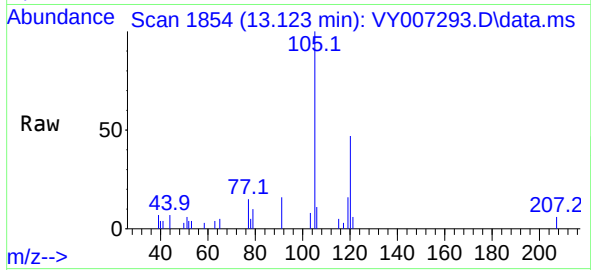
Acq: 25 Jan 2022 14:43

Instrument :

MSVOA_Y

ClientSampleId :

D2-E2B



Tgt Ion:105 Resp: 3273

Ion Ratio Lower Upper

105 100

120 42.6 21.6 64.6

