

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032922\
 Data File : VY008092.D
 Acq On : 29 Mar 2022 17:13
 Operator : SY/MD
 Sample : N2155-07
 Misc : 5.15g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 22L076-G

Quant Time: Mar 30 04:01:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

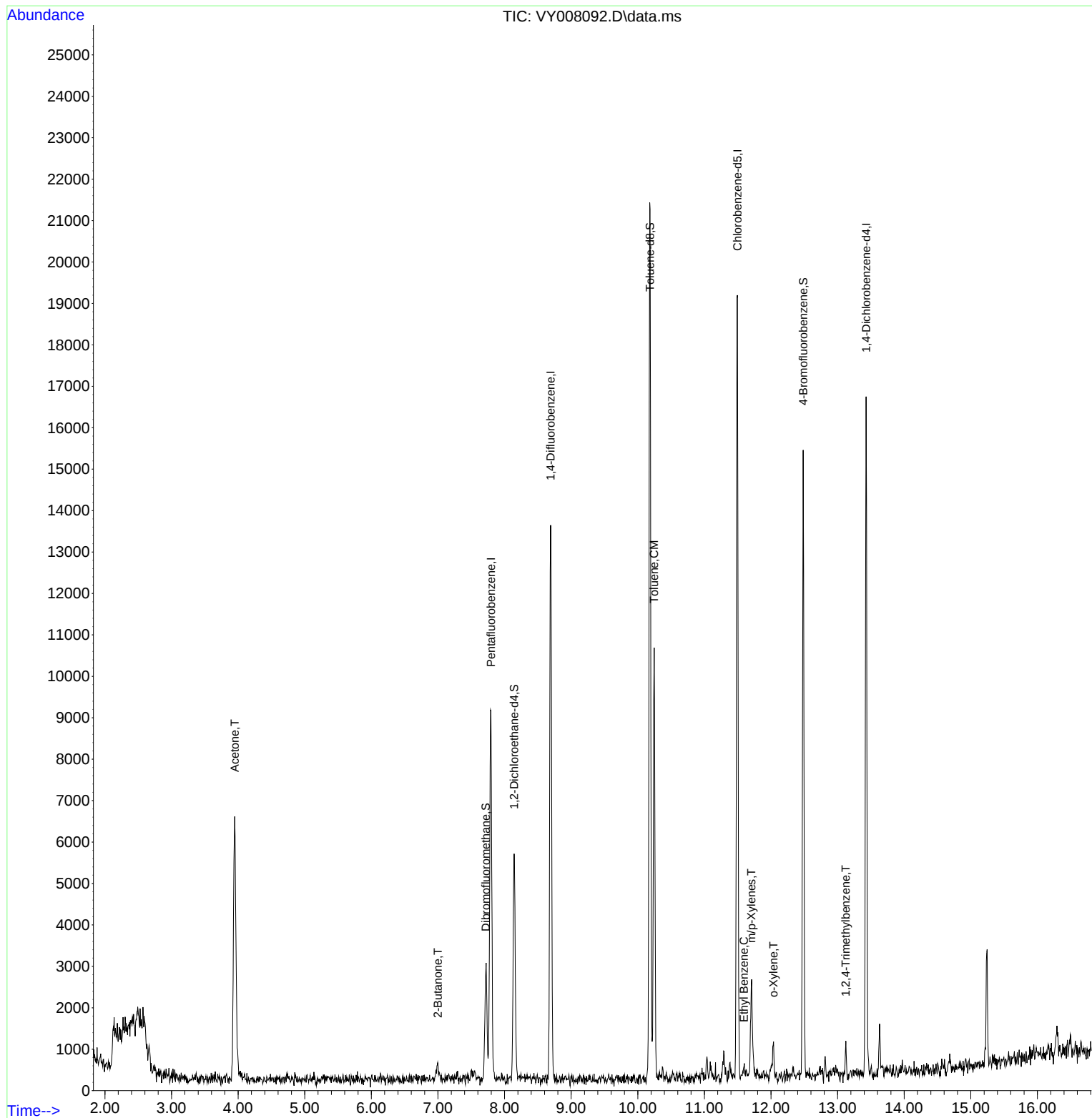
Internal Standards						
1) Pentafluorobenzene	7.795	168	7224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	12522	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	11222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	4155	57.327	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.660%
35) Dibromofluoromethane	7.716	113	2197	27.984	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	55.960%
50) Toluene-d8	10.185	98	15354	51.909	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.820%
62) 4-Bromofluorobenzene	12.483	95	4719	45.221	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.440%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	11049	666.949	ug/l #	76
25) 2-Butanone	6.997	43	604	23.958	ug/l	96
52) Toluene	10.246	92	4643	20.069	ug/l	94
67) Ethyl Benzene	11.593	91	450	1.015	ug/l	89
68) m/p-Xylenes	11.703	106	613	3.476	ug/l	94
69) o-Xylene	12.038	106	255	1.510	ug/l	87
84) 1,2,4-Trimethylbenzene	13.124	105	540	1.913	ug/l	96

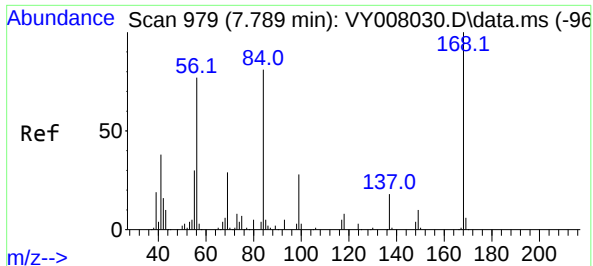
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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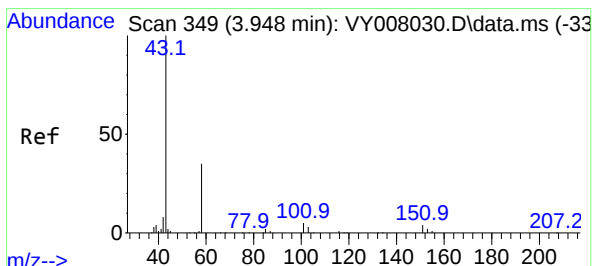
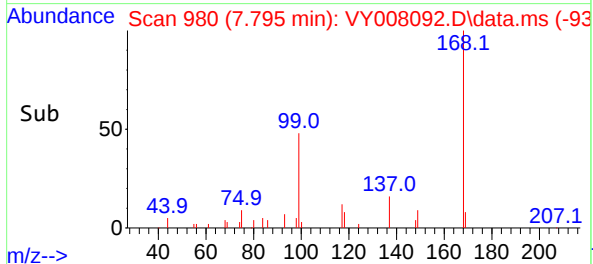
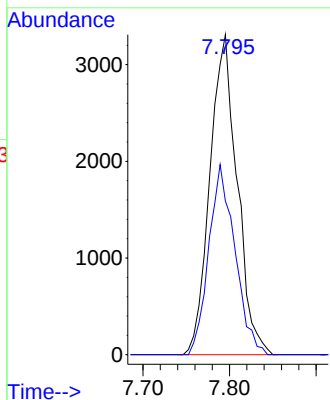
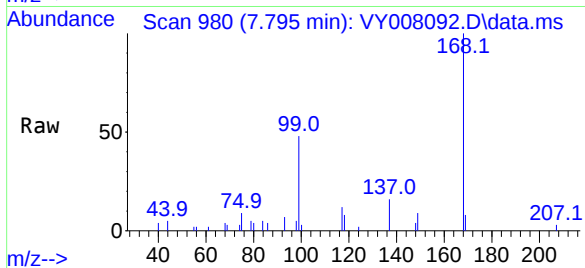




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008092.D
Acq: 29 Mar 2022 17:13

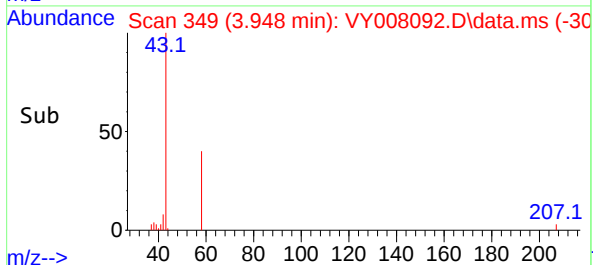
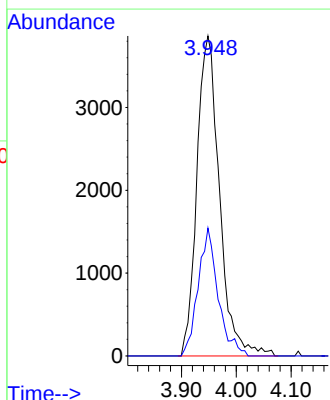
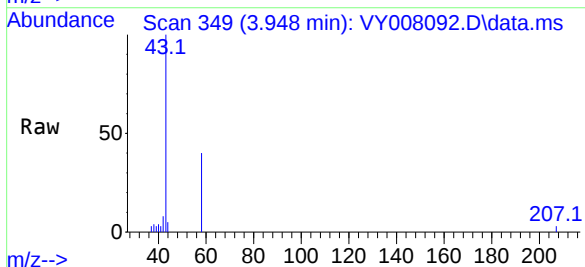
Instrument :
MSVOA_Y
ClientSampleId :
22L076-G

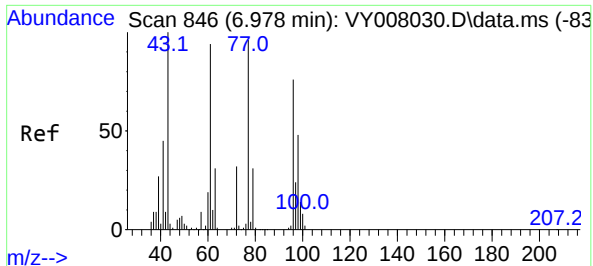
Tgt Ion:168 Resp: 7224
Ion Ratio Lower Upper
168 100
99 48.0 46.9 70.3



#16
Acetone
Concen: 666.949 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008092.D
Acq: 29 Mar 2022 17:13

Tgt Ion: 43 Resp: 11049
Ion Ratio Lower Upper
43 100
58 40.0 22.0 33.0#





#25

2-Butanone

Concen: 23.958 ug/l

RT: 6.997 min Scan# 84

Delta R.T. 0.019 min

Lab File: VY008092.D

Acq: 29 Mar 2022 17:13

Instrument :

MSVOA_Y

ClientSampleId :

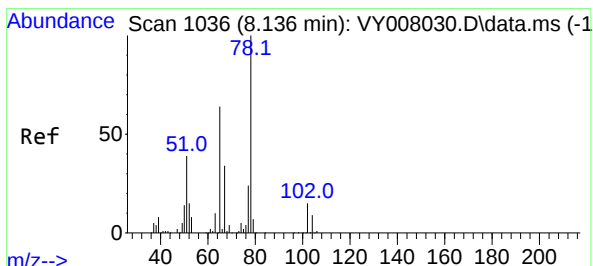
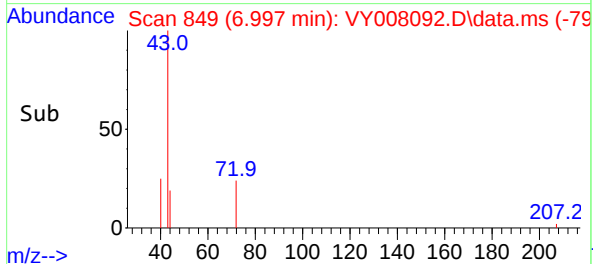
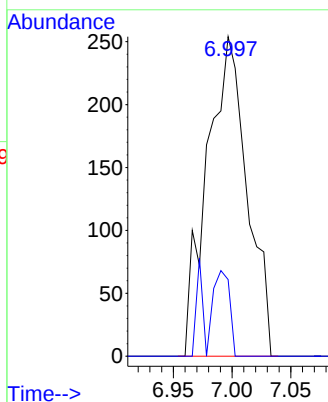
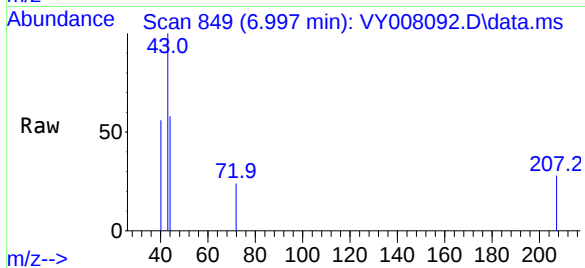
22L076-G

Tgt Ion: 43 Resp: 604

Ion Ratio Lower Upper

43 100

72 24.0 17.7 26.5



#33

1,2-Dichloroethane-d4

Concen: 57.327 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.007 min

Lab File: VY008092.D

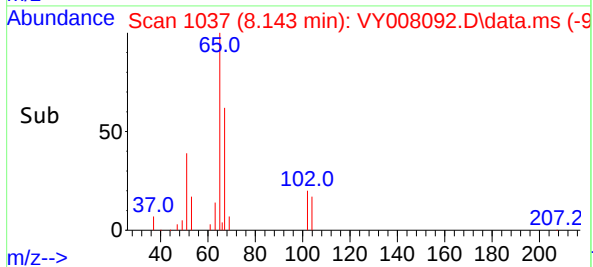
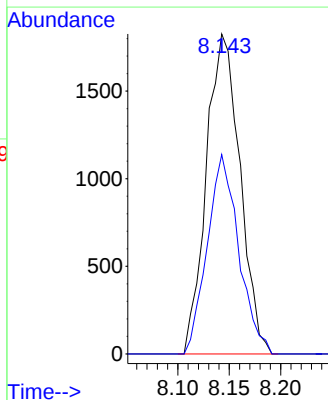
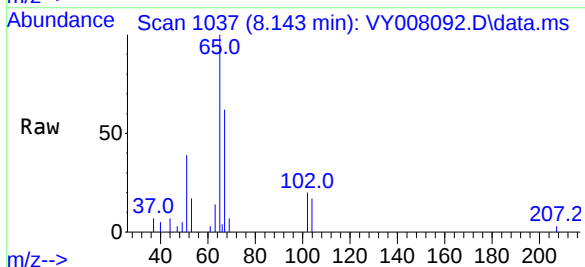
Acq: 29 Mar 2022 17:13

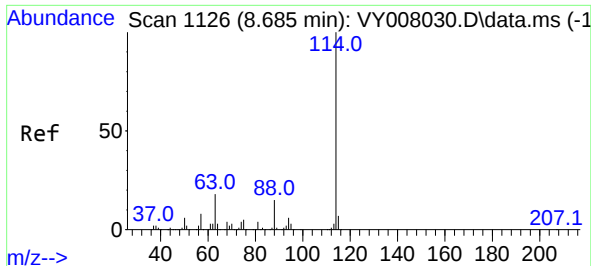
Tgt Ion: 65 Resp: 4155

Ion Ratio Lower Upper

65 100

67 58.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008092.D

Acq: 29 Mar 2022 17:13

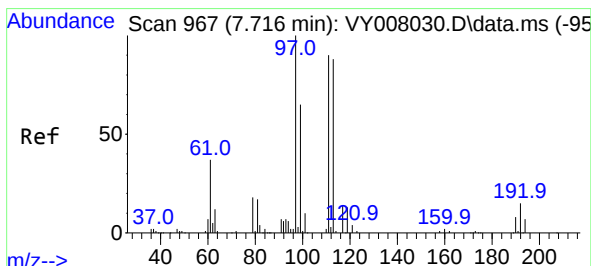
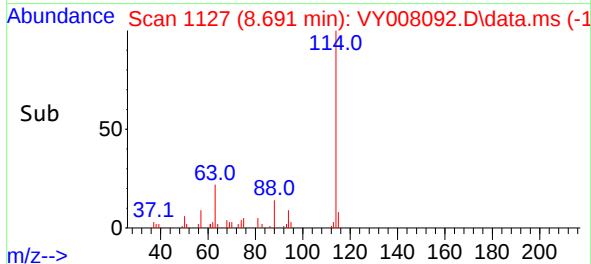
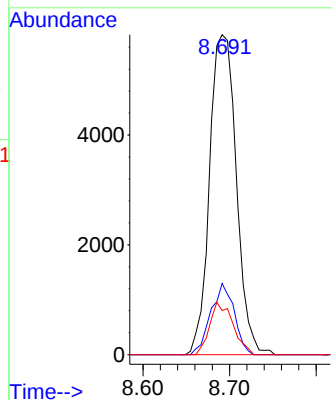
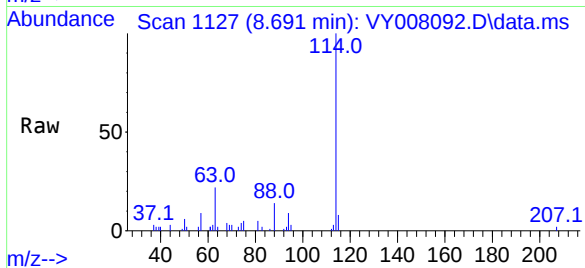
Instrument :

MSVOA_Y

ClientSampleId :

22L076-G

Tgt Ion:114	Resp:	12522
Ion	Ratio	Lower Upper
114	100	
63	22.3	0.0 43.2
88	13.8	0.0 31.8



#35

Dibromofluoromethane

Concen: 27.984 ug/l

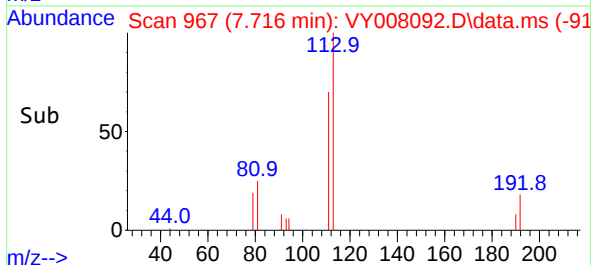
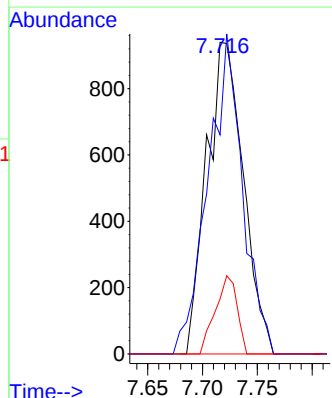
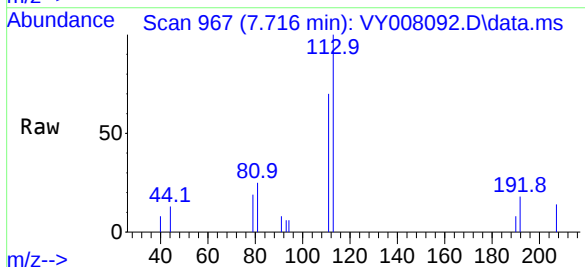
RT: 7.716 min Scan# 967

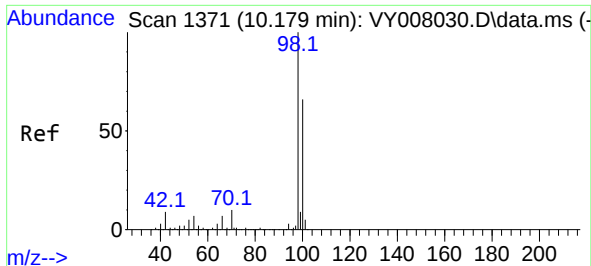
Delta R.T. -0.000 min

Lab File: VY008092.D

Acq: 29 Mar 2022 17:13

Tgt Ion:113	Resp:	2197
Ion	Ratio	Lower Upper
113	100	
111	95.7	82.6 124.0
192	14.8	17.6 26.4

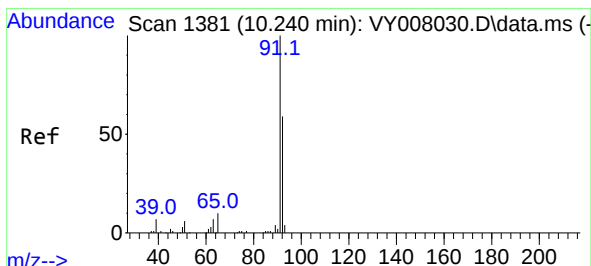
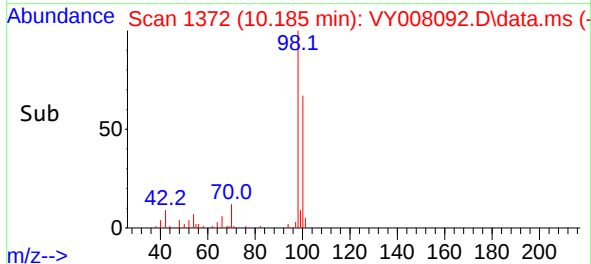
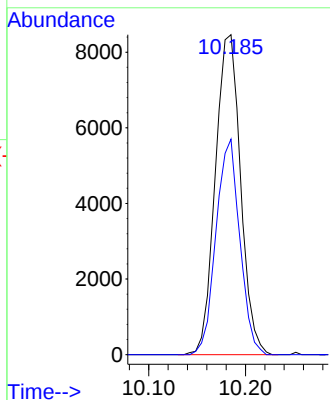
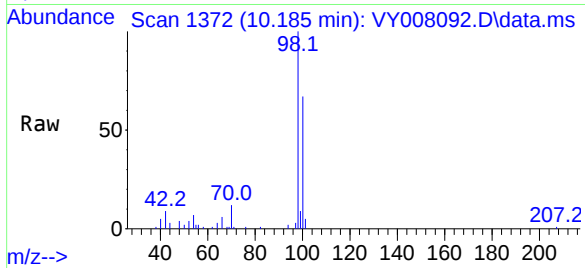




#50
Toluene-d8
Concen: 51.909 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008092.D
Acq: 29 Mar 2022 17:13

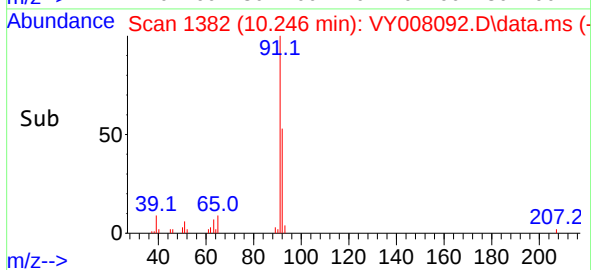
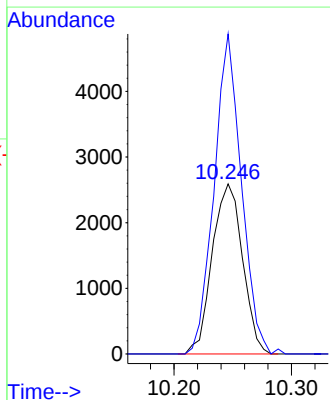
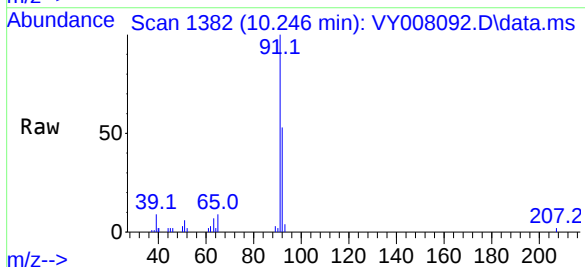
Instrument :
MSVOA_Y
ClientSampleId :
22L076-G

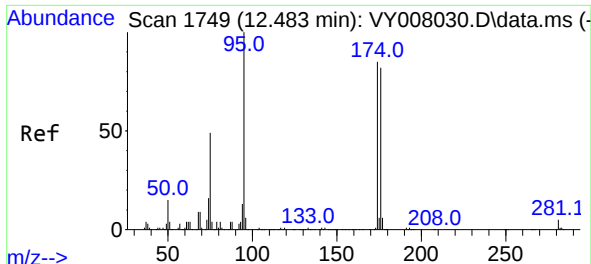
Tgt Ion: 98 Resp: 15354
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.2



#52
Toluene
Concen: 20.069 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY008092.D
Acq: 29 Mar 2022 17:13

Tgt Ion: 92 Resp: 4643
Ion Ratio Lower Upper
92 100
91 169.6 142.6 213.8

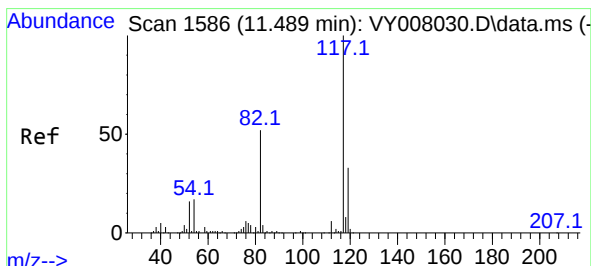
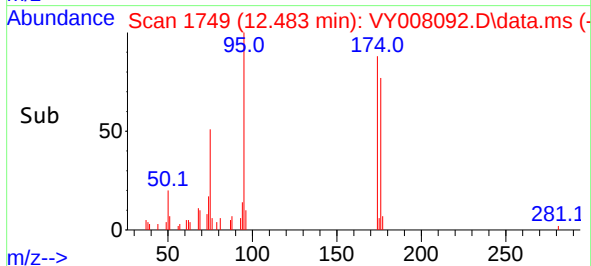
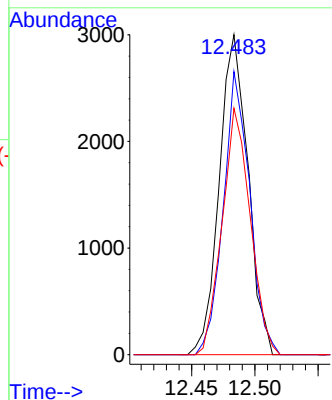
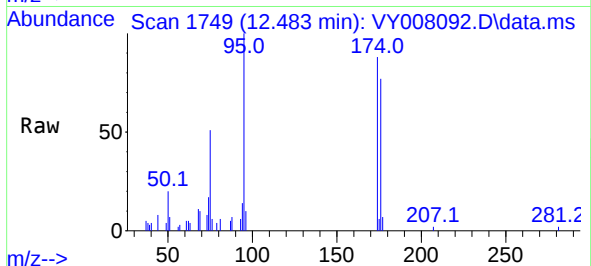




#62
4-Bromofluorobenzene
Concen: 45.221 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008092.D
Acq: 29 Mar 2022 17:13

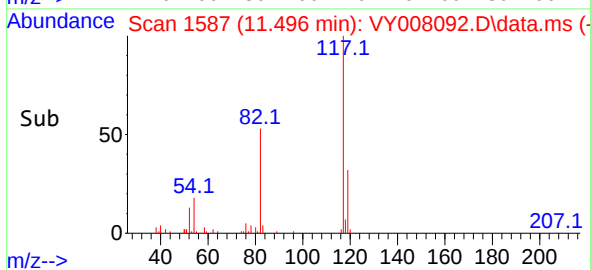
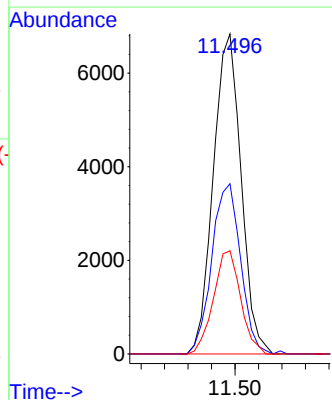
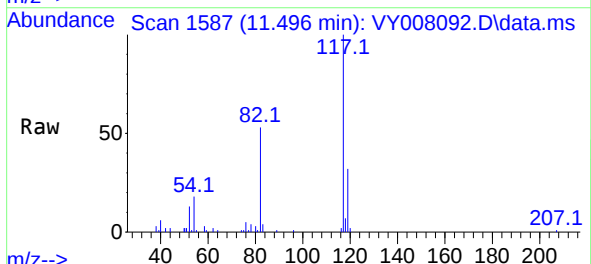
Instrument :
MSVOA_Y
ClientSampleId :
22L076-G

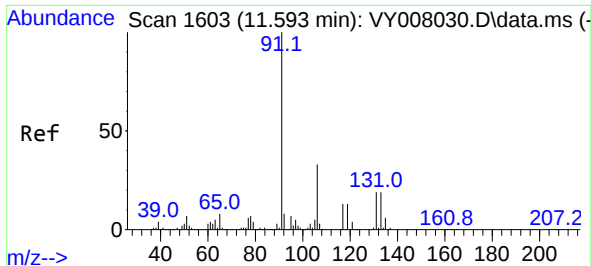
Tgt Ion: 95 Resp: 4719
Ion Ratio Lower Upper
95 100
174 81.7 0.0 177.0
176 75.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY008092.D
Acq: 29 Mar 2022 17:13

Tgt Ion: 117 Resp: 11222
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 32.3 25.4 38.0

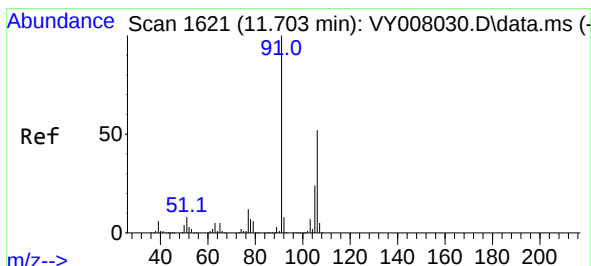
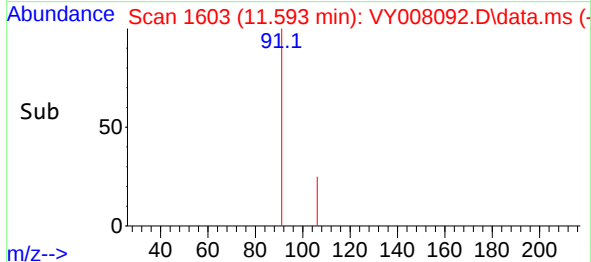
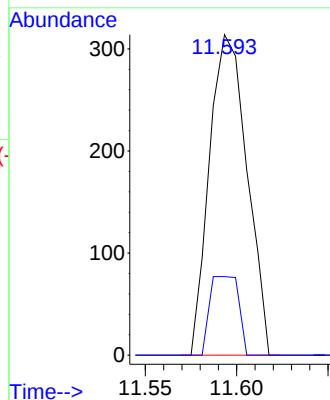
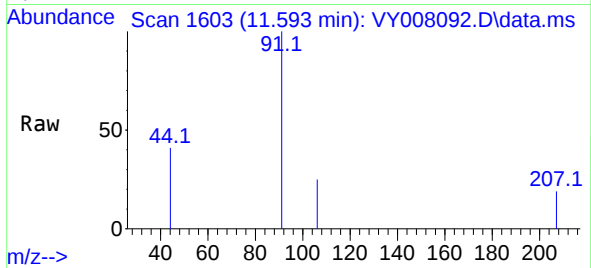




#67
Ethyl Benzene
Concen: 1.015 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008092.D
Acq: 29 Mar 2022 17:13

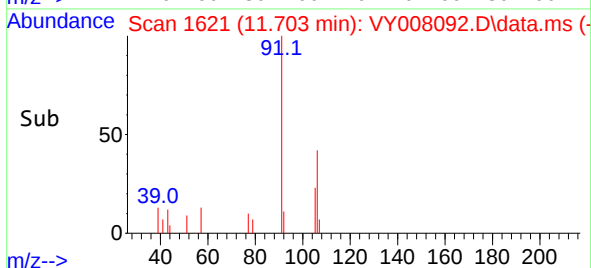
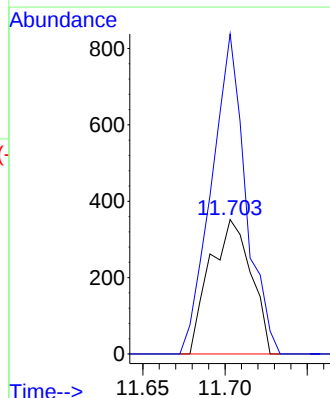
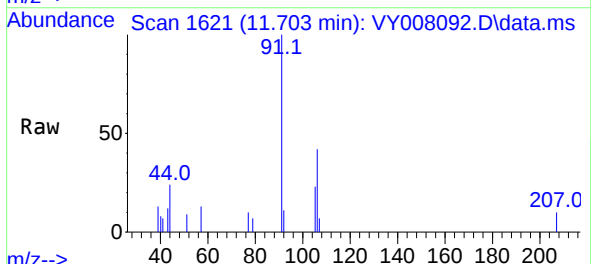
Instrument :
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22L076-G

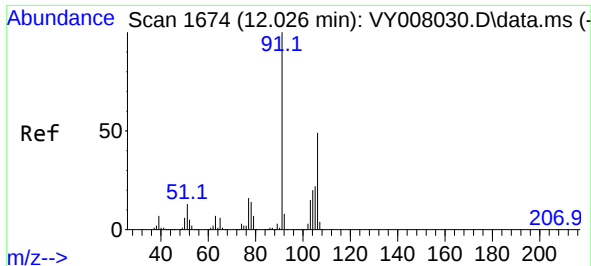
Tgt Ion: 91 Resp: 450
Ion Ratio Lower Upper
91 100
106 24.5 24.5 36.7



#68
m/p-Xylenes
Concen: 3.476 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY008092.D
Acq: 29 Mar 2022 17:13

Tgt Ion: 106 Resp: 613
Ion Ratio Lower Upper
106 100
91 198.5 166.6 249.8

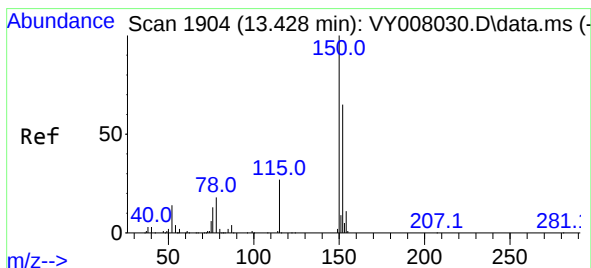
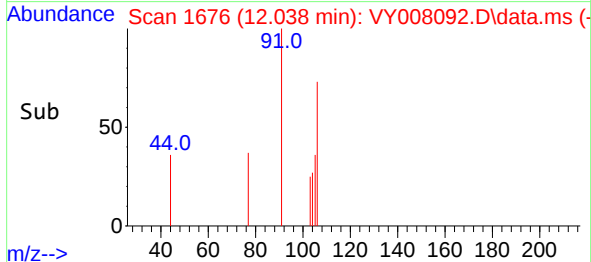
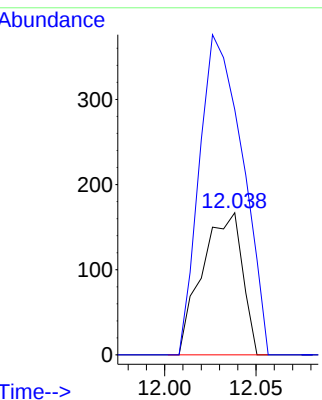
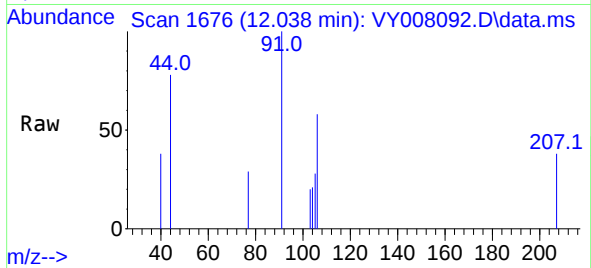




#69
o-Xylene
Concen: 1.510 ug/l
RT: 12.038 min Scan# 110
Delta R.T. 0.012 min
Lab File: VY008092.D
Acq: 29 Mar 2022 17:13

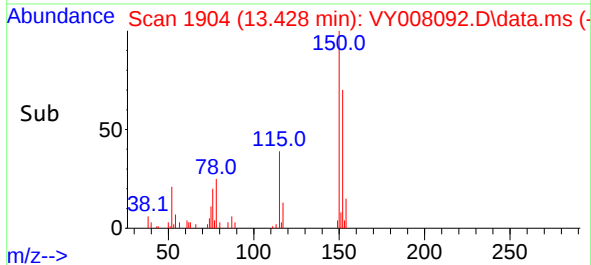
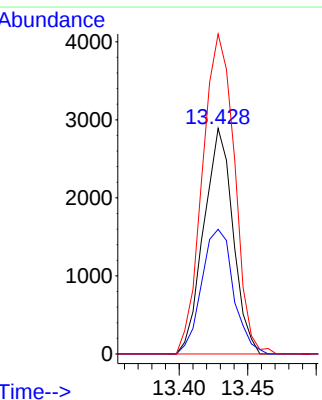
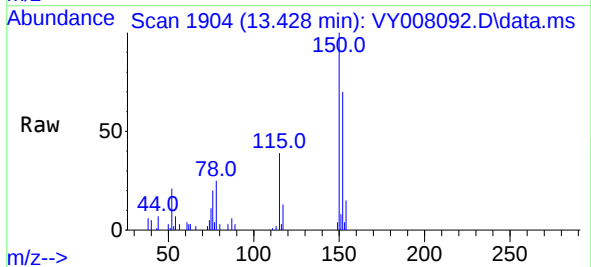
Instrument :
MSVOA_Y
ClientSampleId :
22L076-G

Tgt Ion:106 Resp: 255
Ion Ratio Lower Upper
106 100
91 242.0 110.3 331.0

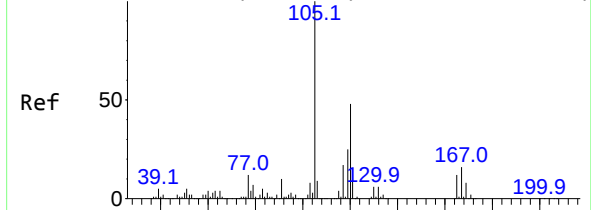


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008092.D
Acq: 29 Mar 2022 17:13

Tgt Ion:152 Resp: 4287
Ion Ratio Lower Upper
152 100
115 60.2 28.2 84.7
150 155.7 0.0 347.6



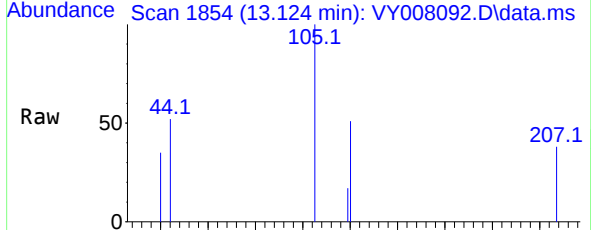
Abundance Scan 1853 (13.117 min): VY008030.D\data.ms (-



#84
1,2,4-Trimethylbenzene
Concen: 1.913 ug/l
RT: 13.124 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008092.D
Acq: 29 Mar 2022 17:13

Instrument :
MSVOA_Y
ClientSampleId :
22L076-G

Abundance Scan 1854 (13.124 min): VY008092.D\data.ms (-



Tgt Ion:105 Resp: 540
Ion Ratio Lower Upper
105 100
120 47.4 22.3 66.9

Abundance Scan 1854 (13.124 min): VY008092.D\data.ms (-

