

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022422\
 Data File : VY007621.D
 Acq On : 24 Feb 2022 16:40
 Operator : SY/MD
 Sample : N1539-03
 Misc : 5.92g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-3

Quant Time: Feb 25 05:43:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 24 07:13:58 2022
 Response via : Initial Calibration

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

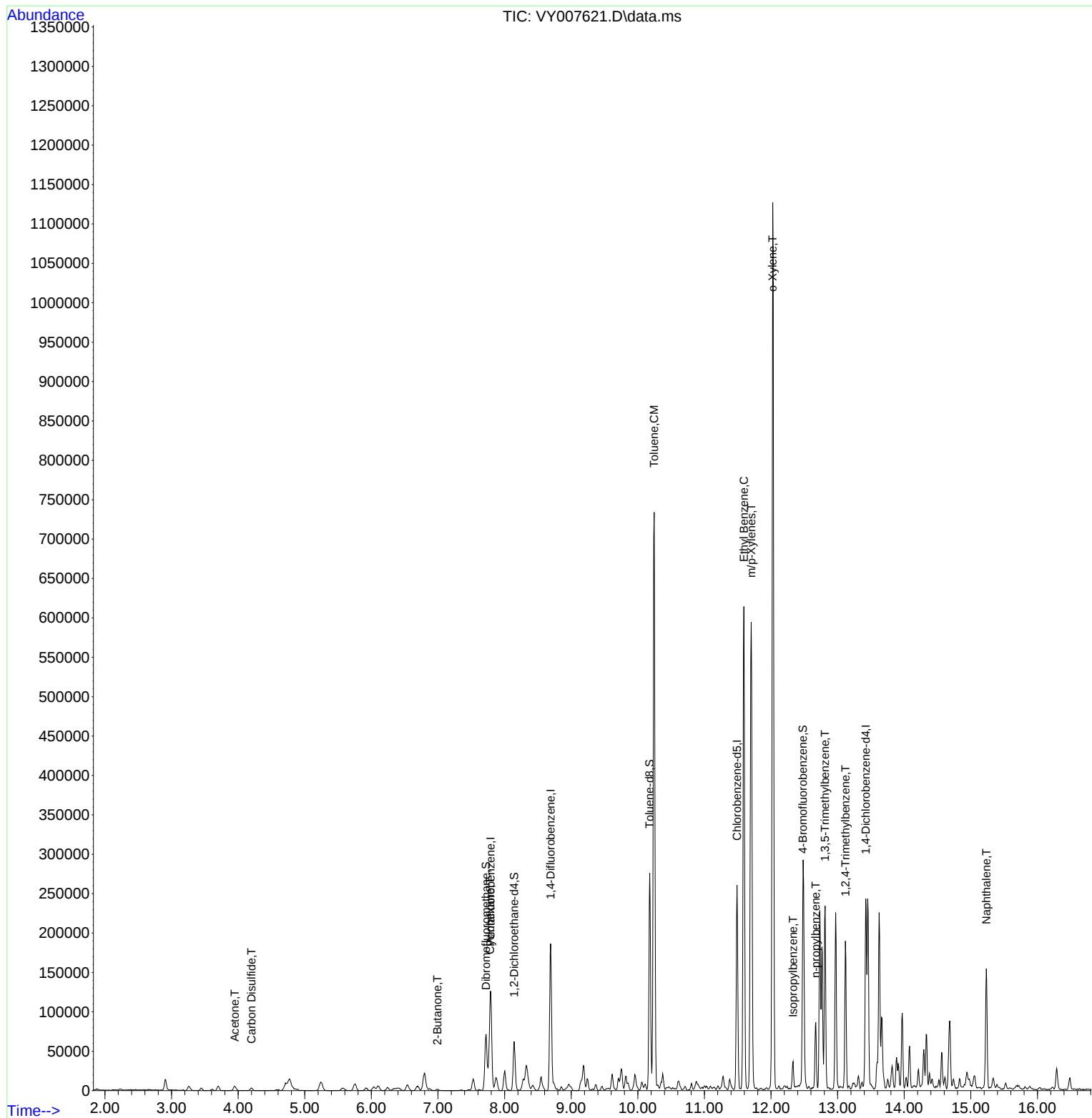
Internal Standards						
1) Pentafluorobenzene	7.789	168	86662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	148048	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	137816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	59327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	45877	47.586	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.180%
35) Dibromofluoromethane	7.722	113	46463	49.738	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.480%
50) Toluene-d8	10.179	98	172430	49.898	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.800%
62) 4-Bromofluorobenzene	12.477	95	53135	44.984	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.960%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	7488	34.104	ug/l	90
17) Carbon Disulfide	4.198	76	6581	2.705	ug/l #	93
25) 2-Butanone	6.990	43	2581	10.369	ug/l #	56
31) Cyclohexane	7.783	56	9189	6.167	ug/l #	77
52) Toluene	10.246	92	306016	116.809	ug/l	97
67) Ethyl Benzene	11.593	91	406595	80.704	ug/l	98
68) m/p-Xylenes	11.703	106	189310	95.947	ug/l	94
69) o-Xylene	12.026	106	292971	150.978	ug/l	95
73) Isopropylbenzene	12.331	105	20549	4.497	ug/l	98
78) n-propylbenzene	12.672	91	61054	11.568	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	111526	28.688	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	95208	24.987	ug/l	99
95) Naphthalene	15.233	128	120665	40.107	ug/l	98

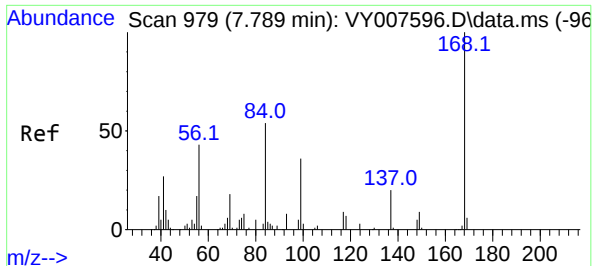
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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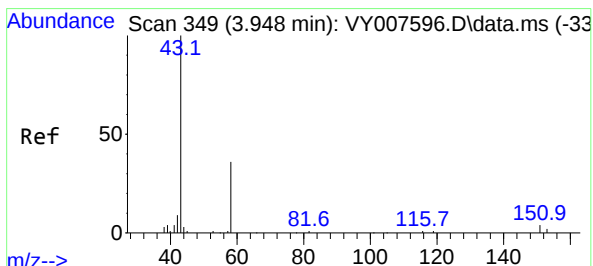
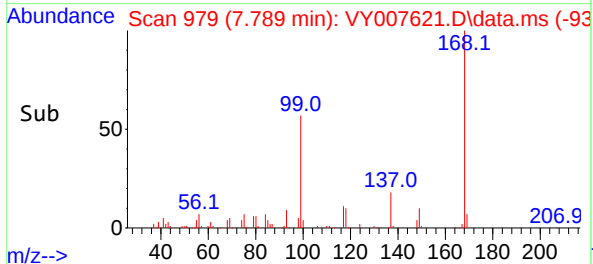
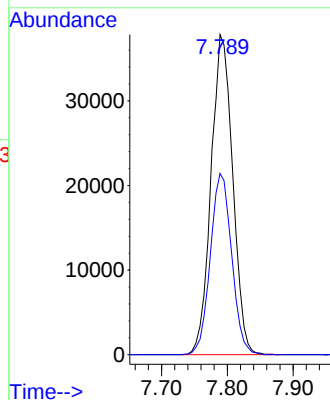
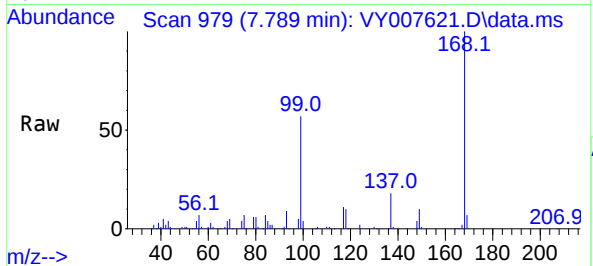




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007621.D
Acq: 24 Feb 2022 16:40

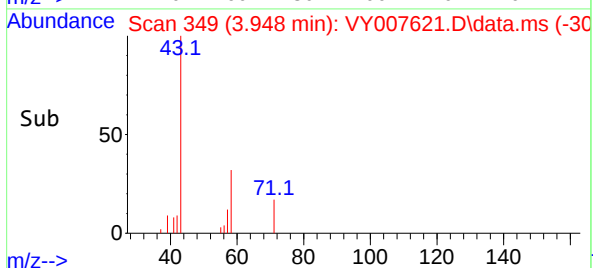
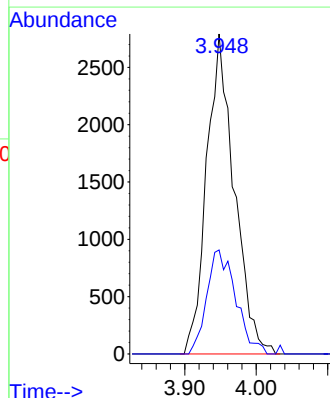
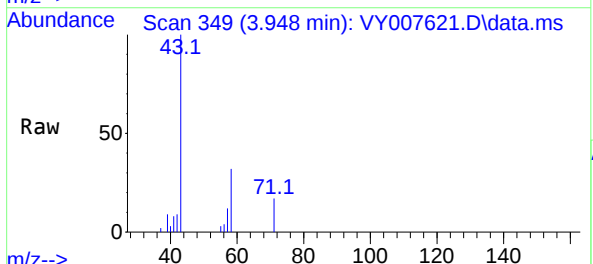
Instrument :
MSVOA_Y
ClientSampleId :
PE-3

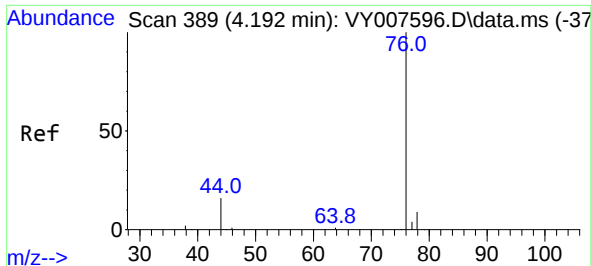
Tgt Ion:168 Resp: 86662
Ion Ratio Lower Upper
168 100
99 56.6 46.9 70.3



#16
Acetone
Concen: 34.104 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007621.D
Acq: 24 Feb 2022 16:40

Tgt Ion: 43 Resp: 7488
Ion Ratio Lower Upper
43 100
58 32.5 22.0 33.0

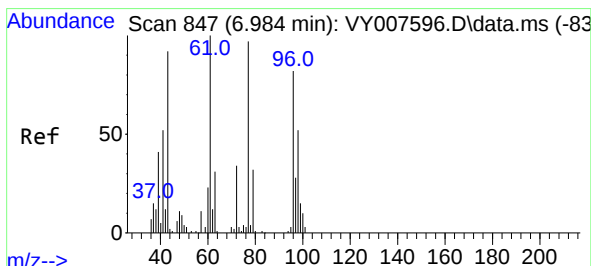
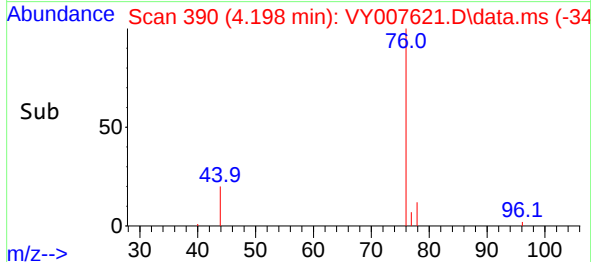
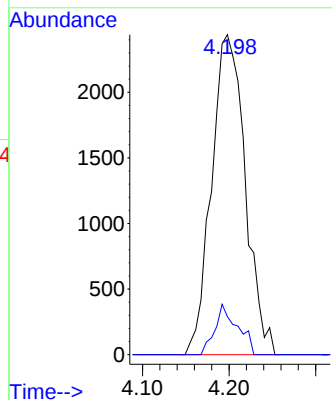
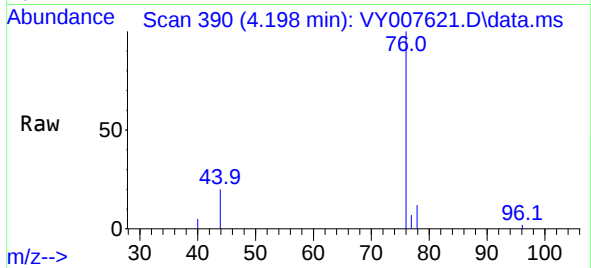




#17
Carbon Disulfide
Concen: 2.705 ug/l
RT: 4.198 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY007621.D
Acq: 24 Feb 2022 16:40

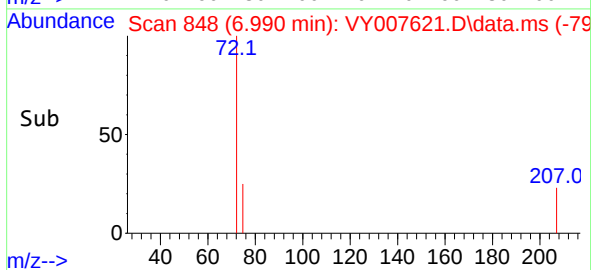
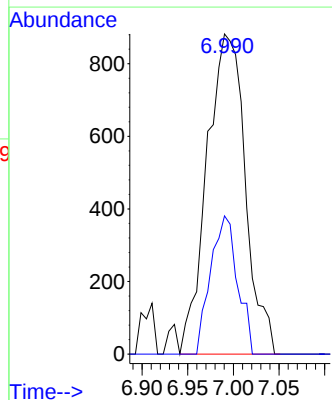
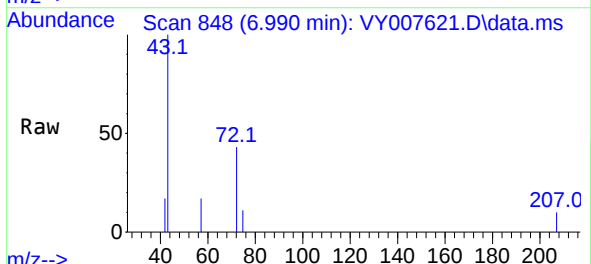
Instrument :
MSVOA_Y
ClientSampleId :
PE-3

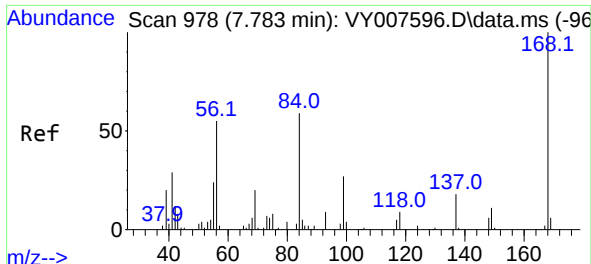
Tgt Ion: 76 Resp: 6581
Ion Ratio Lower Upper
76 100
78 11.9 7.4 11.0#



#25
2-Butanone
Concen: 10.369 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY007621.D
Acq: 24 Feb 2022 16:40

Tgt Ion: 43 Resp: 2581
Ion Ratio Lower Upper
43 100
72 43.2 17.7 26.5#

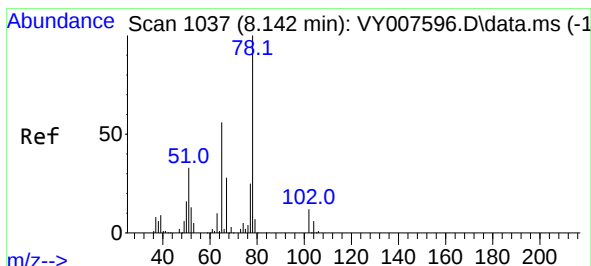
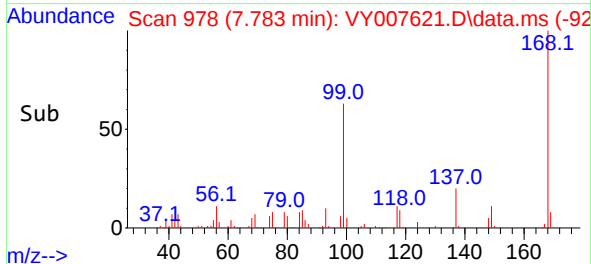
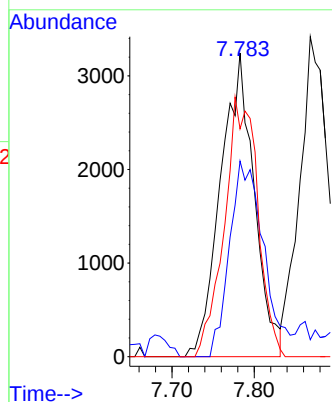
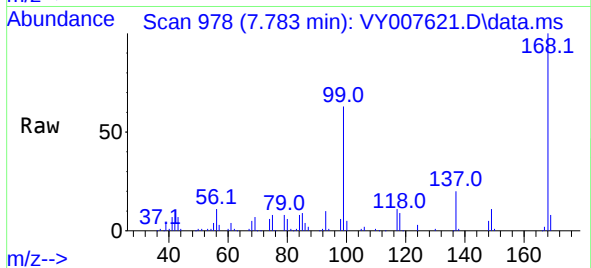




#31
Cyclohexane
Concen: 6.167 ug/l
RT: 7.783 min Scan# 9189
Delta R.T. -0.000 min
Lab File: VY007621.D
Acq: 24 Feb 2022 16:40

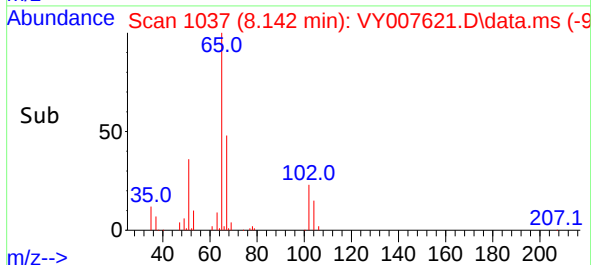
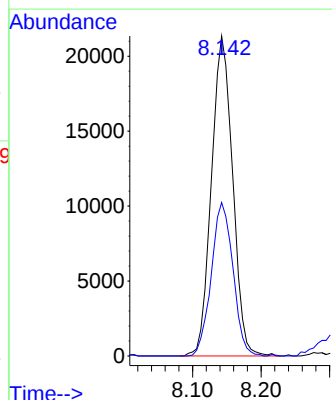
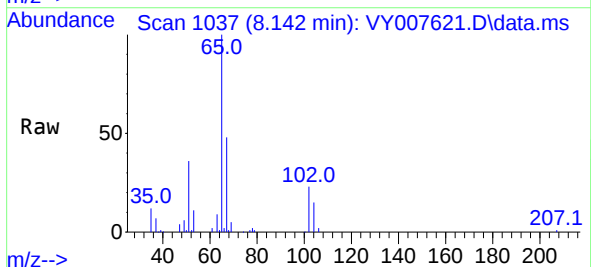
Instrument :
MSVOA_Y
ClientSampleId :
PE-3

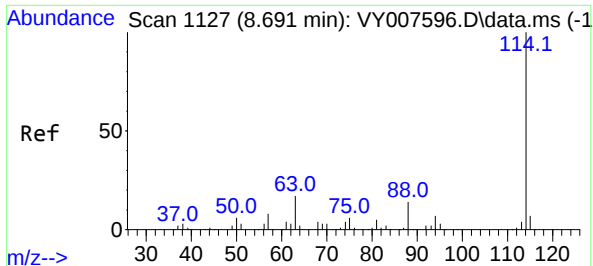
Tgt Ion: 56 Resp: 9189
Ion Ratio Lower Upper
56 100
69 64.4 26.7 40.1#
84 75.0 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 47.586 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007621.D
Acq: 24 Feb 2022 16:40

Tgt Ion: 65 Resp: 45877
Ion Ratio Lower Upper
65 100
67 49.0 0.0 99.4

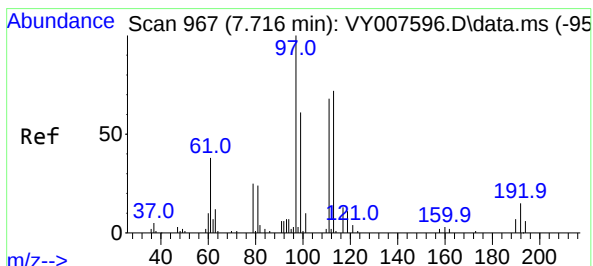
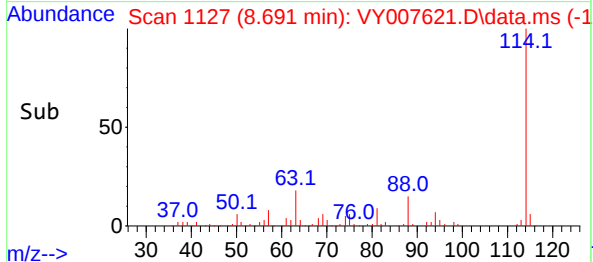
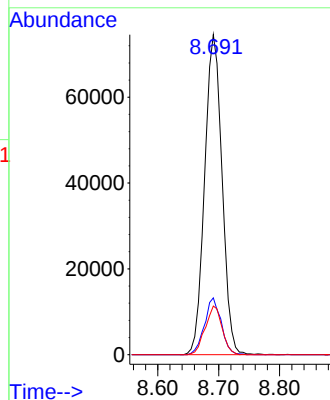
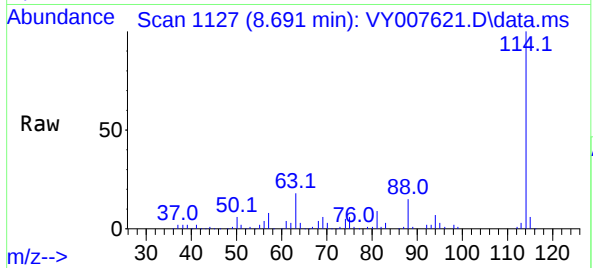




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007621.D
Acq: 24 Feb 2022 16:40

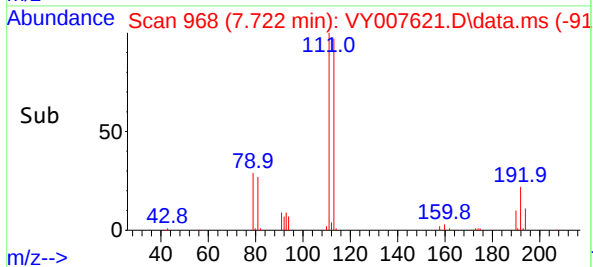
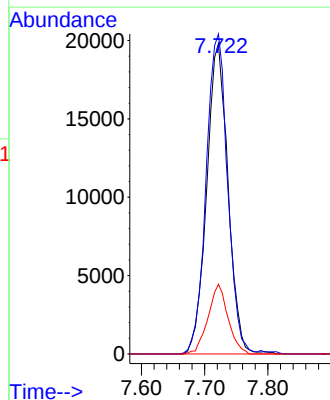
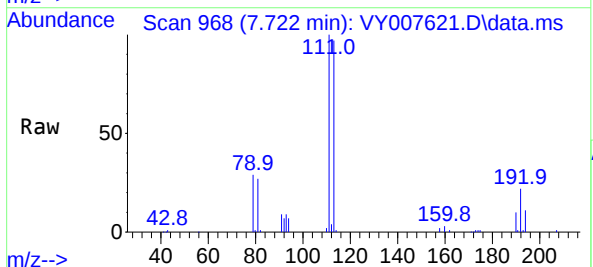
Instrument :
MSVOA_Y
ClientSampleId :
PE-3

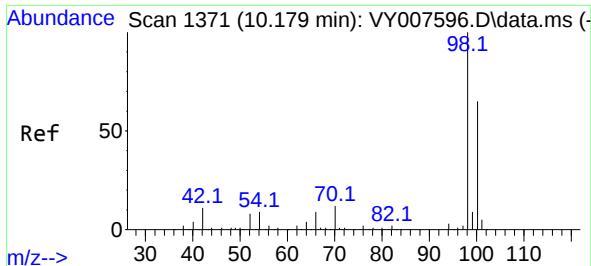
Tgt Ion:114 Resp: 148048
Ion Ratio Lower Upper
114 100
63 17.7 0.0 43.2
88 15.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.738 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY007621.D
Acq: 24 Feb 2022 16:40

Tgt Ion:113 Resp: 46463
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 21.0 17.6 26.4

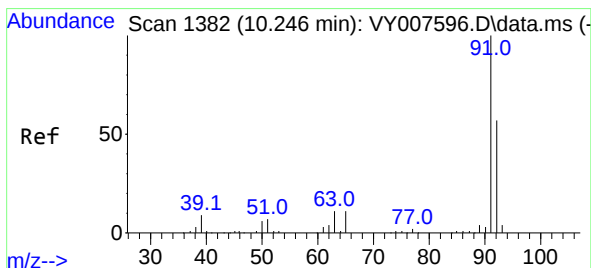
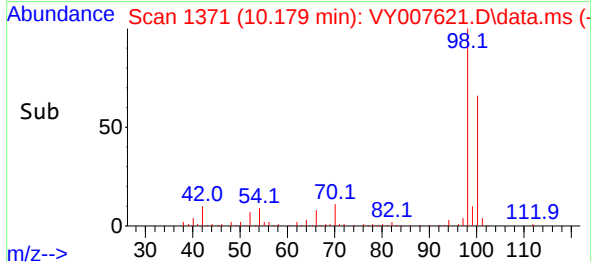
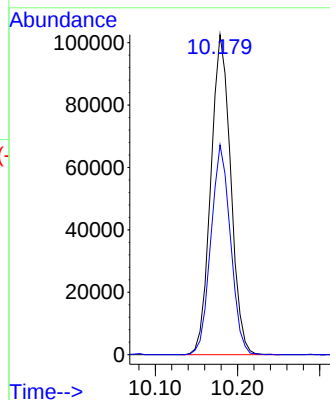
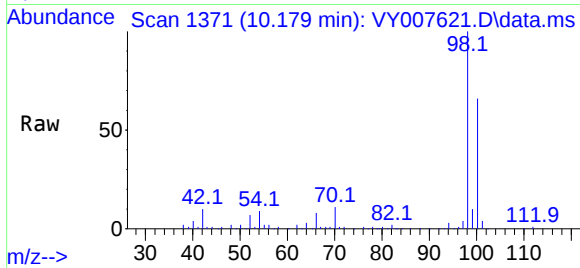




#50
Toluene-d8
Concen: 49.898 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007621.D
Acq: 24 Feb 2022 16:40

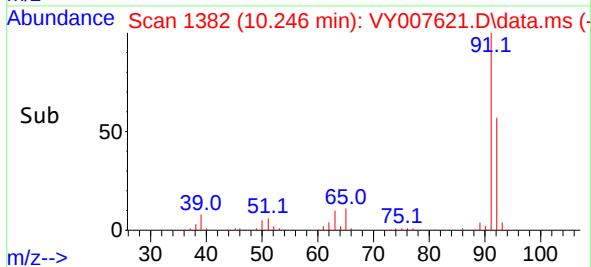
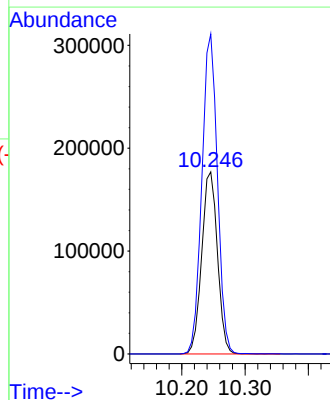
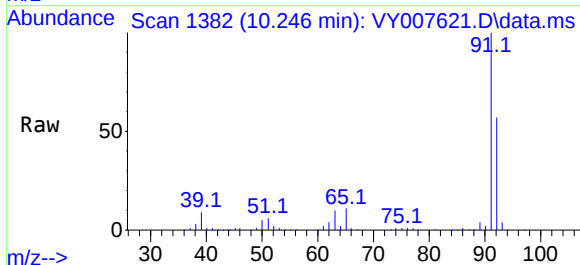
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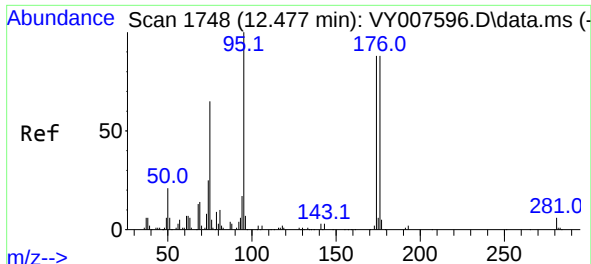
Tgt Ion: 98 Resp: 172430
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#52
Toluene
Concen: 116.809 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY007621.D
Acq: 24 Feb 2022 16:40

Tgt Ion: 92 Resp: 306016
Ion Ratio Lower Upper
92 100
91 173.8 142.6 213.8

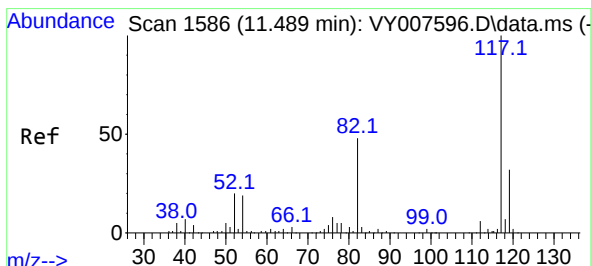
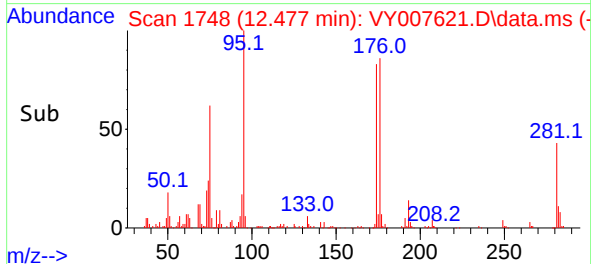
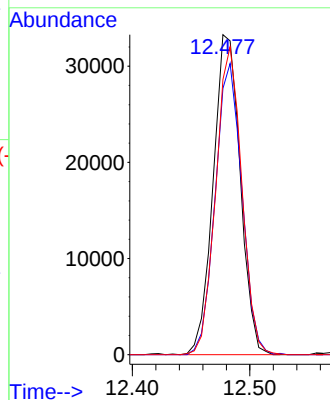
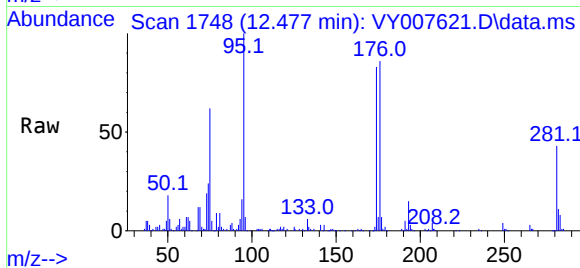




#62
4-Bromofluorobenzene
Concen: 44.984 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007621.D
Acq: 24 Feb 2022 16:40

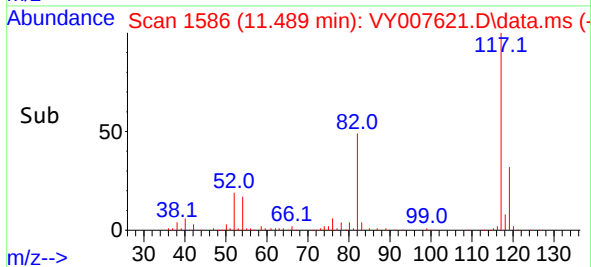
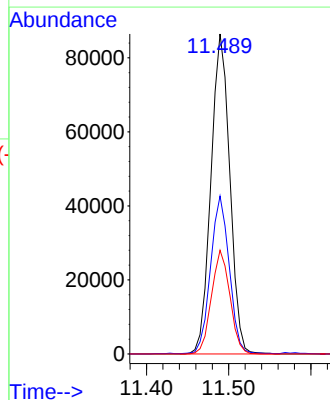
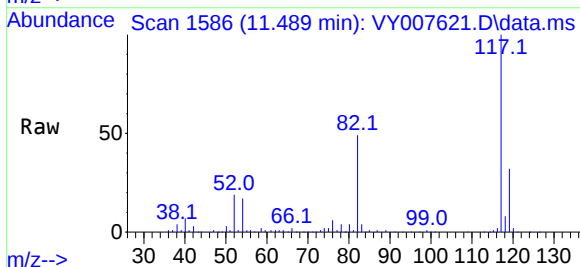
Instrument :
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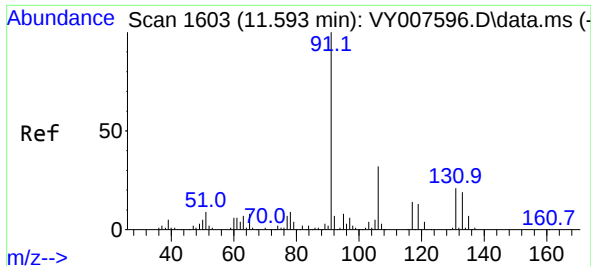
Tgt Ion: 95 Resp: 53135
Ion Ratio Lower Upper
95 100
174 89.7 0.0 177.0
176 92.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007621.D
Acq: 24 Feb 2022 16:40

Tgt Ion: 117 Resp: 137816
Ion Ratio Lower Upper
117 100
82 49.2 43.0 64.4
119 32.4 25.4 38.0

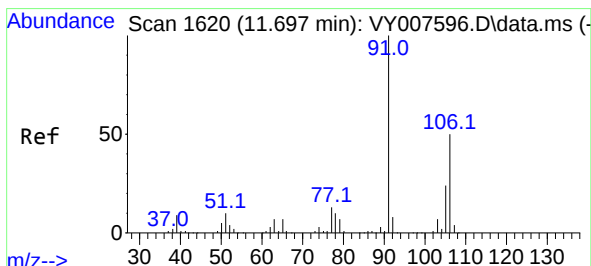
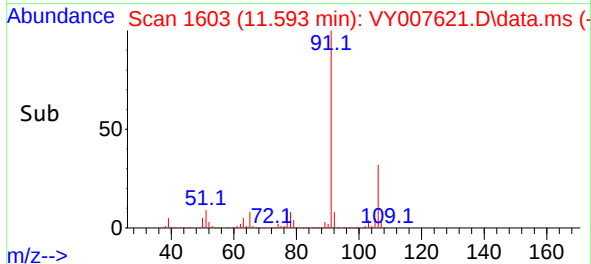
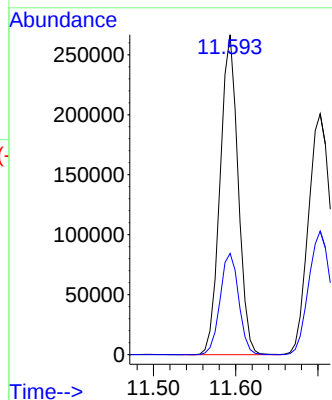
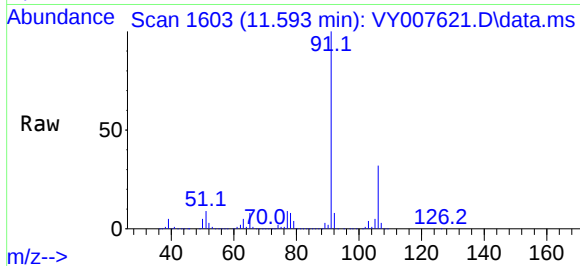




#67
Ethyl Benzene
Concen: 80.704 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY007621.D
Acq: 24 Feb 2022 16:40

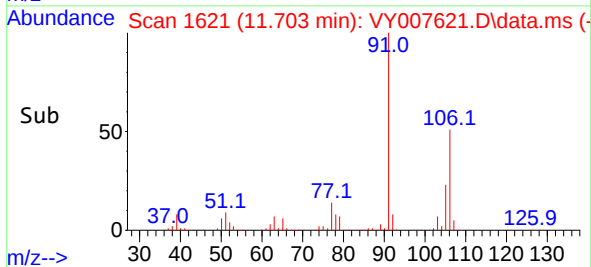
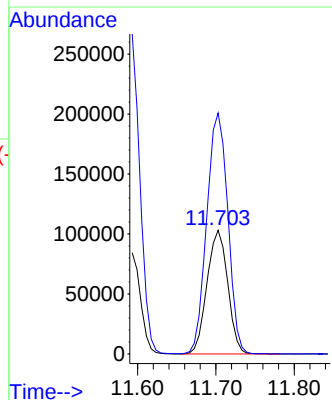
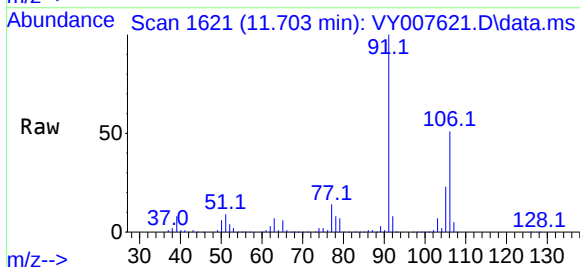
Instrument :
MSVOA_Y
ClientSampleId :
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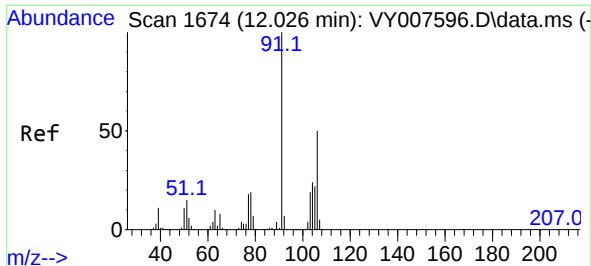
Tgt Ion: 91 Resp: 406595
Ion Ratio Lower Upper
91 100
106 31.6 24.5 36.7



#68
m/p-Xylenes
Concen: 95.947 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY007621.D
Acq: 24 Feb 2022 16:40

Tgt Ion: 106 Resp: 189310
Ion Ratio Lower Upper
106 100
91 198.2 166.6 249.8

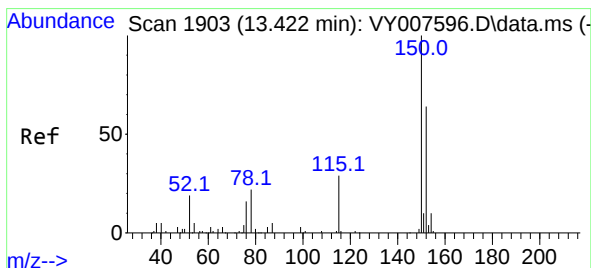
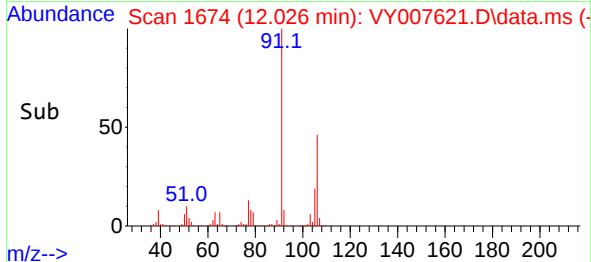
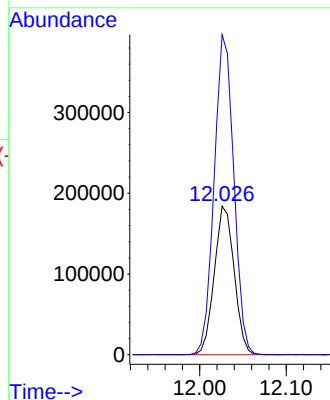
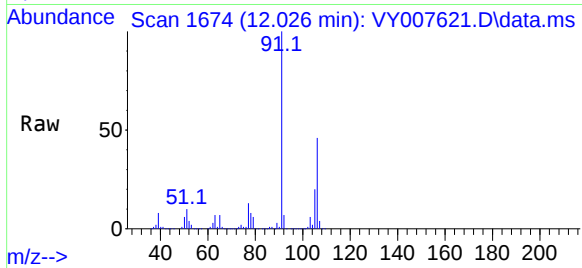




#69
o-Xylene
Concen: 150.978 ug/l
RT: 12.026 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007621.D
Acq: 24 Feb 2022 16:40

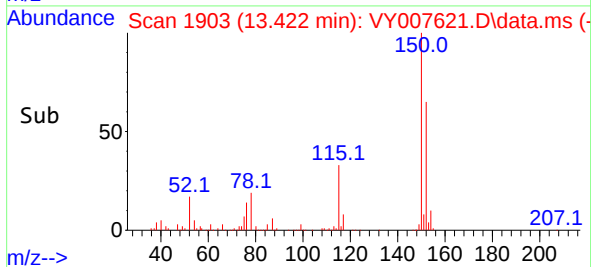
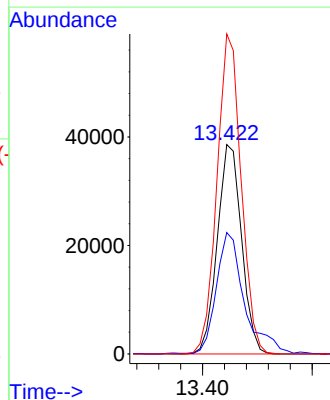
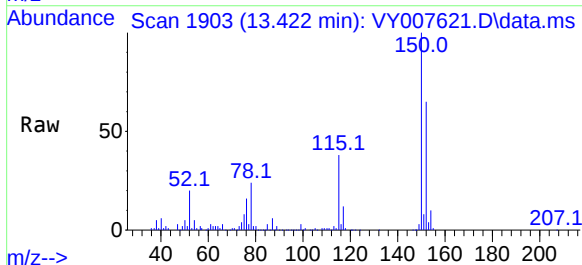
Instrument :
MSVOA_Y
ClientSampleId :
PE-3

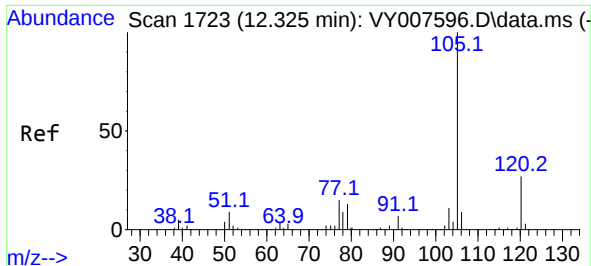
Tgt Ion:106 Resp: 292971
Ion Ratio Lower Upper
106 100
91 213.1 110.3 331.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY007621.D
Acq: 24 Feb 2022 16:40

Tgt Ion:152 Resp: 59327
Ion Ratio Lower Upper
152 100
115 67.5 28.2 84.7
150 152.3 0.0 347.6

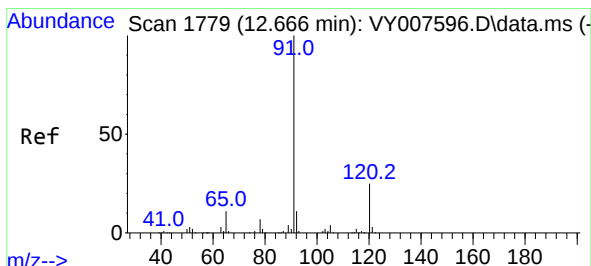
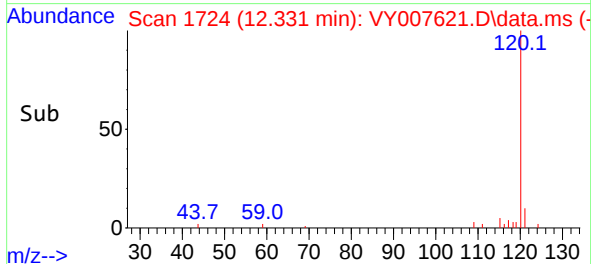
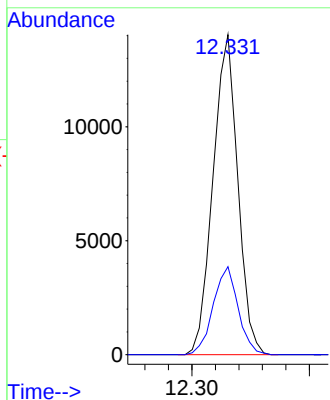
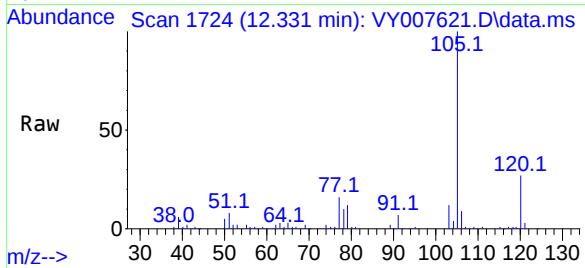




#73
Isopropylbenzene
Concen: 4.497 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007621.D
Acq: 24 Feb 2022 16:40

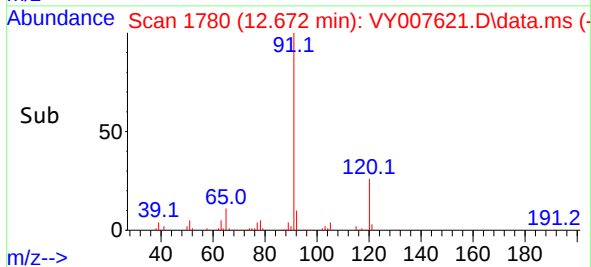
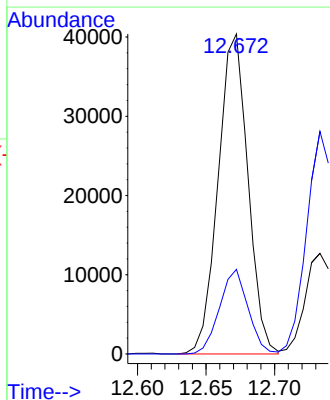
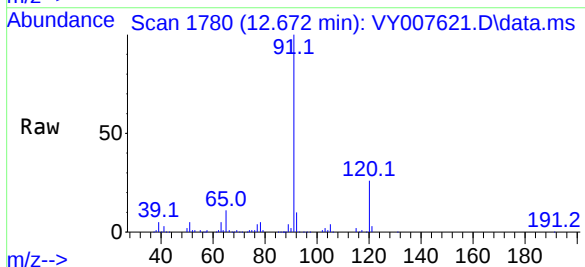
Instrument :
MSVOA_Y
ClientSampleId :
PE-3

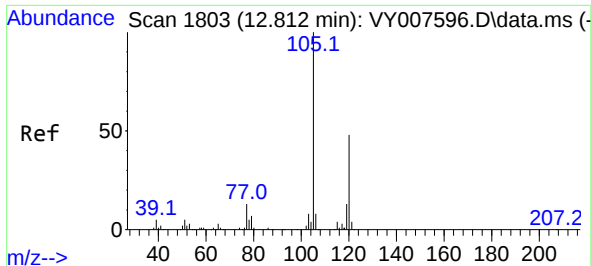
Tgt Ion:105 Resp: 20549
Ion Ratio Lower Upper
105 100
120 27.7 13.4 40.2



#78
n-propylbenzene
Concen: 11.568 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY007621.D
Acq: 24 Feb 2022 16:40

Tgt Ion: 91 Resp: 61054
Ion Ratio Lower Upper
91 100
120 25.3 11.3 33.9

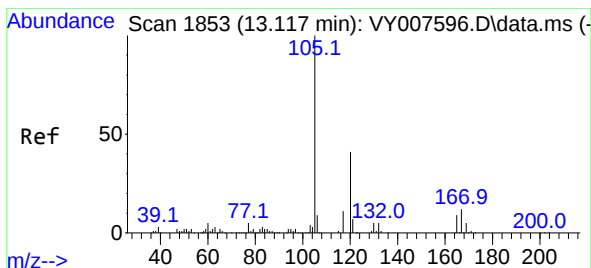
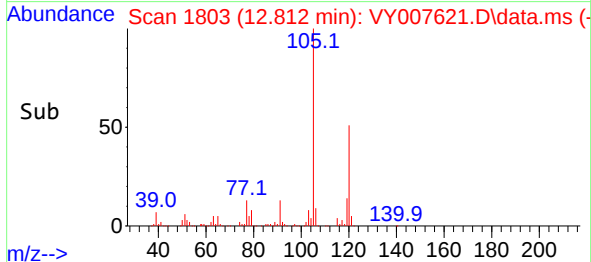
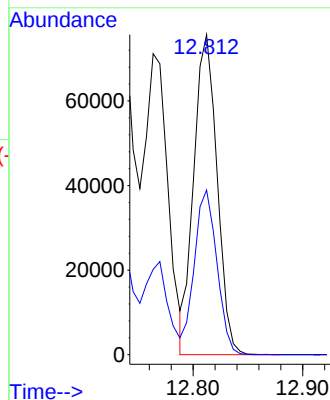
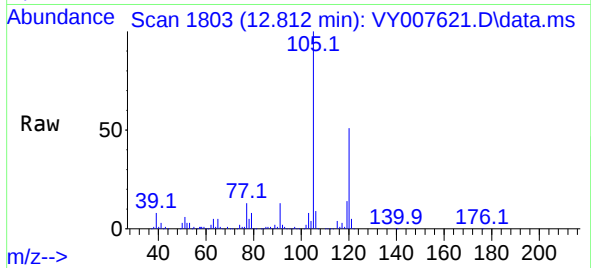




#80
1,3,5-Trimethylbenzene
Concen: 28.688 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY007621.D
Acq: 24 Feb 2022 16:40

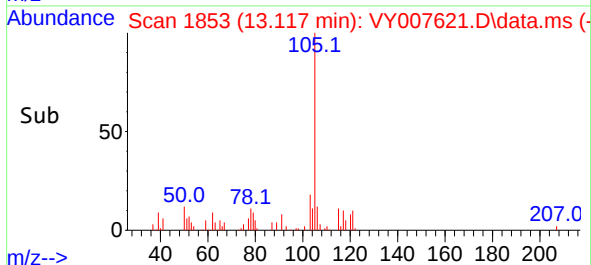
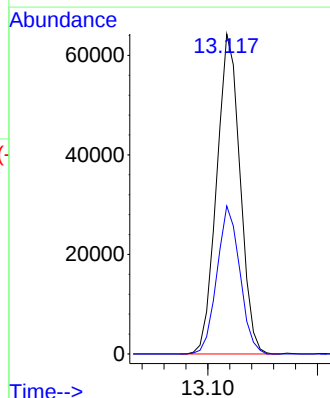
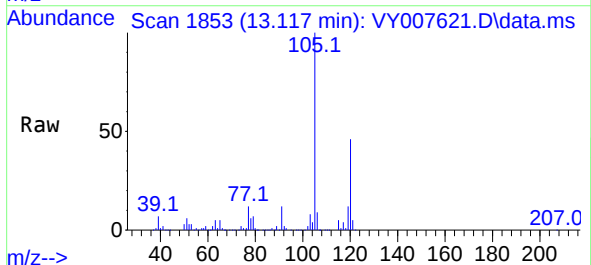
Instrument :
MSVOA_Y
ClientSampleId :
PE-3

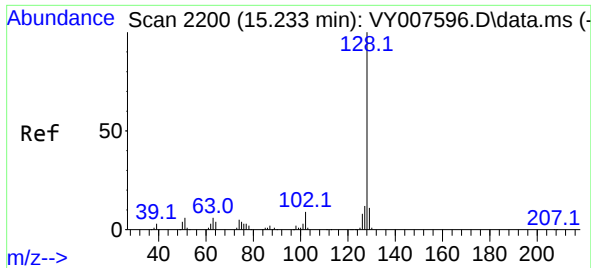
Tgt Ion:105 Resp: 111526
Ion Ratio Lower Upper
105 100
120 50.0 24.4 73.4



#84
1,2,4-Trimethylbenzene
Concen: 24.987 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY007621.D
Acq: 24 Feb 2022 16:40

Tgt Ion:105 Resp: 95208
Ion Ratio Lower Upper
105 100
120 45.2 22.3 66.9





#95

Naphthalene

Concen: 40.107 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY007621.D

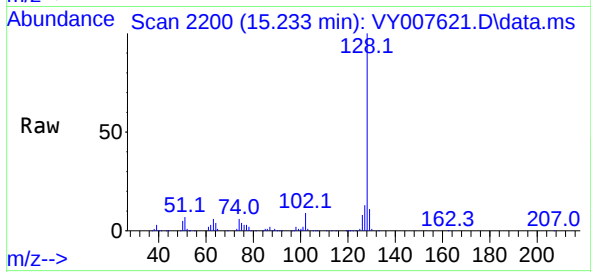
Acq: 24 Feb 2022 16:40

Instrument :

MSVOA_Y

ClientSampleId :

PE-3



Tgt Ion:128 Resp: 120665

Ion Ratio Lower Upper

128 100

127 13.4 11.0 16.4

129 11.5 8.4 12.6

