

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022422\
 Data File : VY007626.D
 Acq On : 24 Feb 2022 18:37
 Operator : SY/MD
 Sample : N1584-06
 Misc : 6.21g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D12-12.5

Quant Time: Feb 25 05:44:02 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)

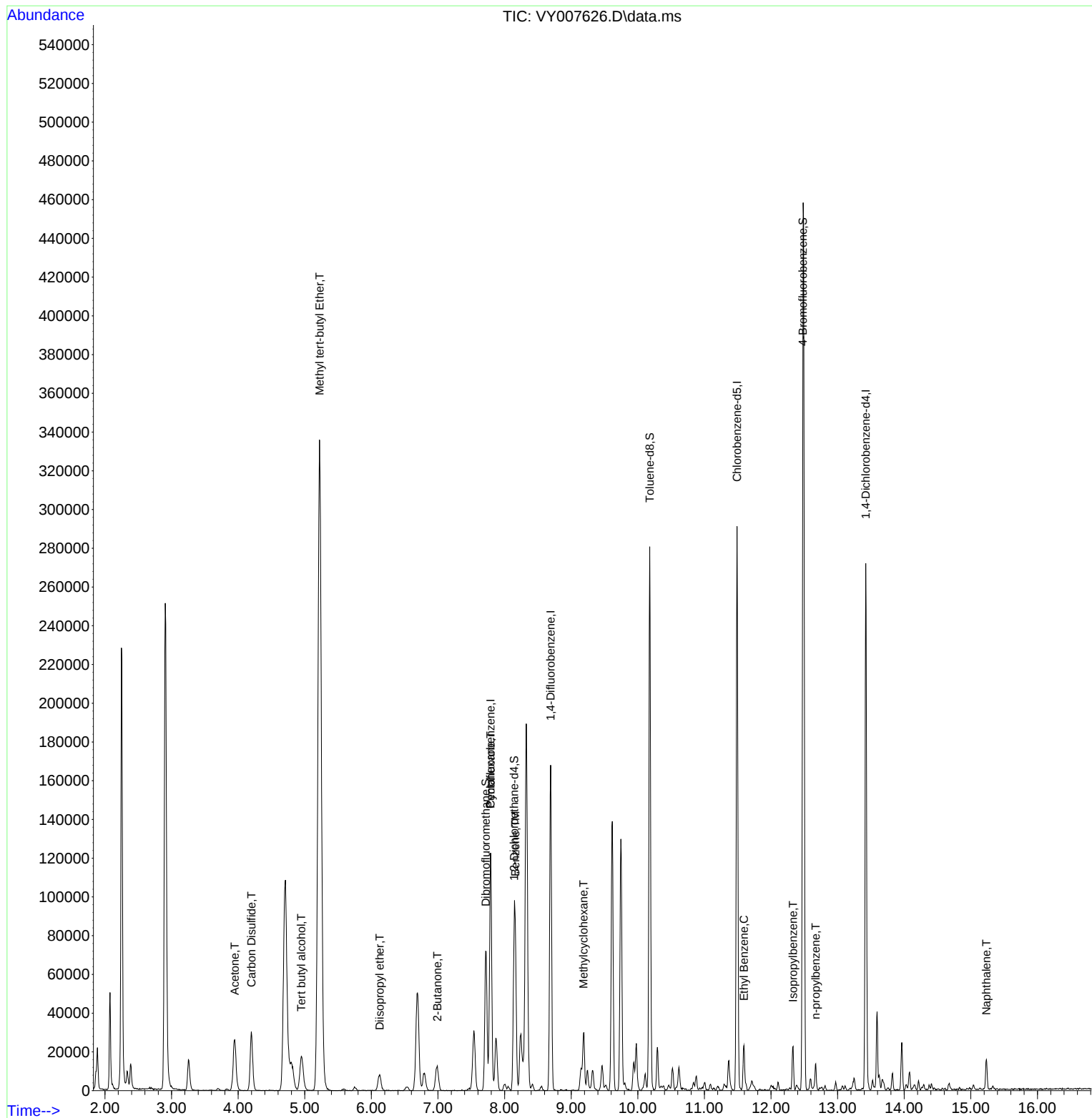
Internal Standards						
1) Pentafluorobenzene	7.789	168	86634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	147238	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	145431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	67188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	48624	50.452	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.900%			
35) Dibromofluoromethane	7.716	113	47808	51.459	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.920%			
50) Toluene-d8	10.179	98	172934	50.287	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.580%			
62) 4-Bromofluorobenzene	12.477	95	60295	51.326	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.660%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.948	59	36507	376.098	ug/l #	91
16) Acetone	3.948	43	28994	132.096	ug/l	97
17) Carbon Disulfide	4.198	76	60408	24.839	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	612452	232.865	ug/l	93
22) Diisopropyl ether	6.125	45	9088	4.781	ug/l #	90
25) 2-Butanone	6.990	43	12013	48.275	ug/l #	80
31) Cyclohexane	7.789	56	6258	3.083	ug/l #	51
39) Methylcyclohexane	9.185	83	7251	2.935	ug/l	93
40) Benzene	8.161	78	60966	15.960	ug/l	97
67) Ethyl Benzene	11.593	91	15633	2.940	ug/l	93
73) Isopropylbenzene	12.331	105	14270	2.757	ug/l	98
78) n-propylbenzene	12.672	91	10267	1.718	ug/l	97
95) Naphthalene	15.233	128	13206	3.876	ug/l	99

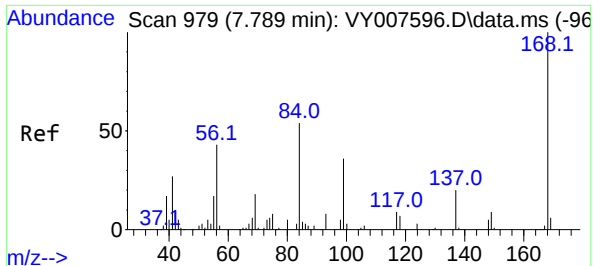
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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D12-12.5

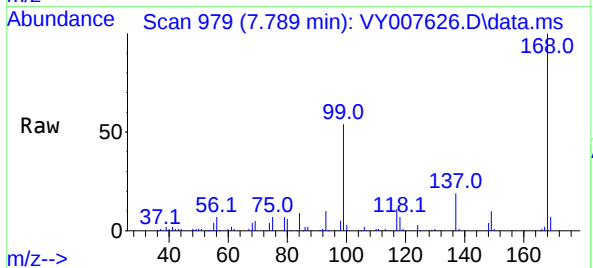
Quant Time: Feb 25 05:44:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
Quant Title : SW846 8260
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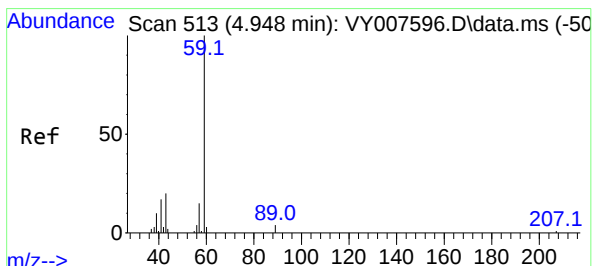
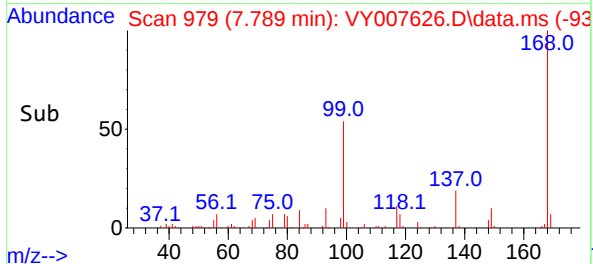
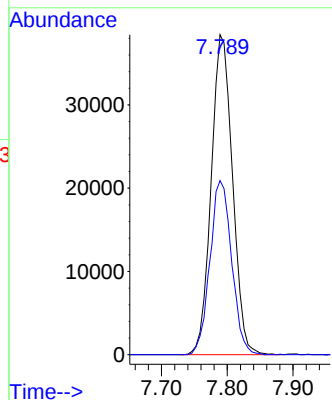


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007626.D
Acq: 24 Feb 2022 18:37

Instrument :
MSVOA_Y
ClientSampleId :
D12-12.5

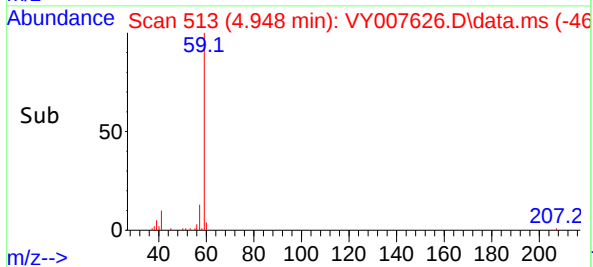
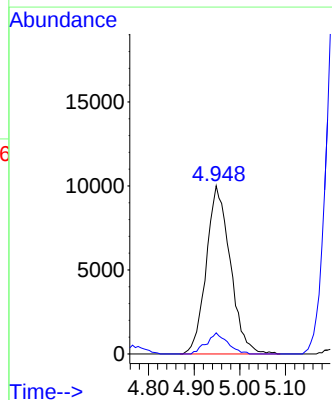
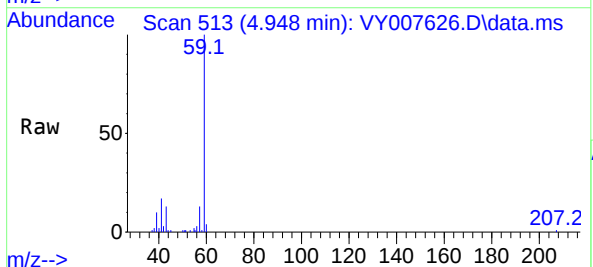


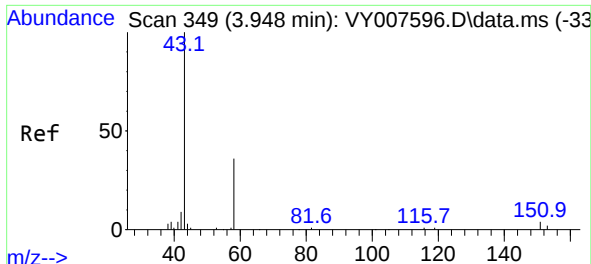
Tgt Ion:168 Resp: 86634
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#11
Tert butyl alcohol
Concen: 376.098 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY007626.D
Acq: 24 Feb 2022 18:37

Tgt Ion: 59 Resp: 36507
Ion Ratio Lower Upper
59 100
57 11.0 6.4 9.6#

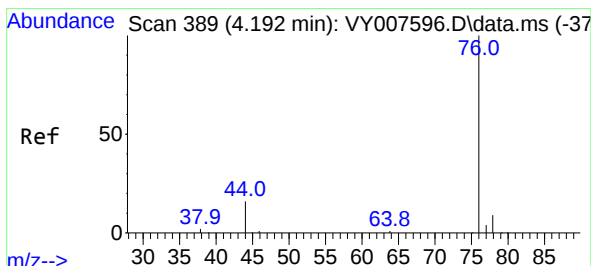
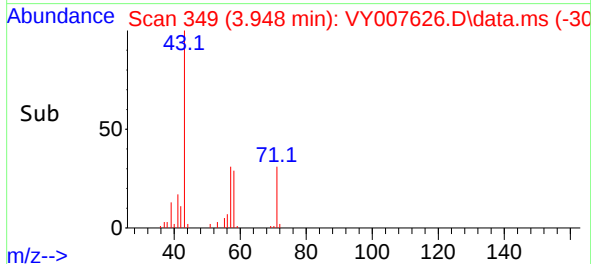
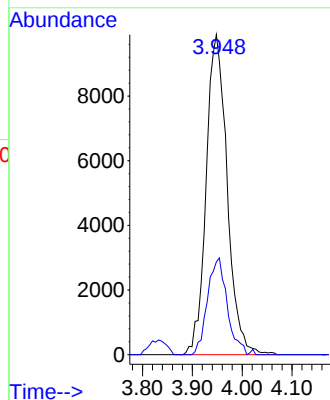
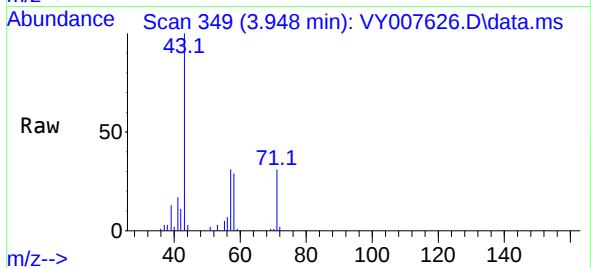




#16
Acetone
Concen: 132.096 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007626.D
Acq: 24 Feb 2022 18:37

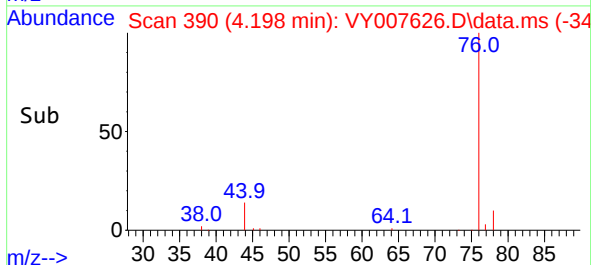
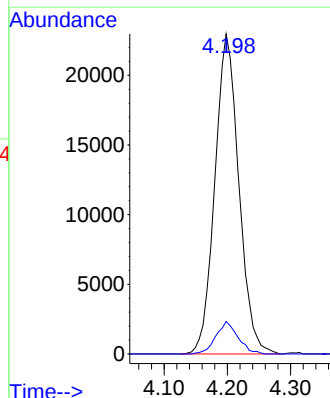
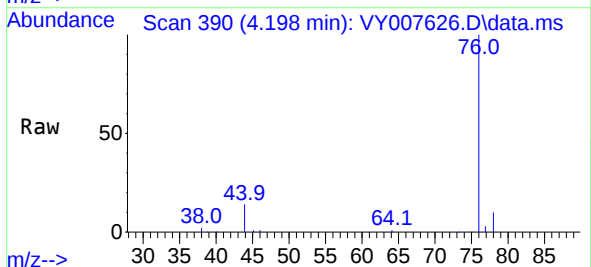
Instrument :
MSVOA_Y
ClientSampleId :
D12-12.5

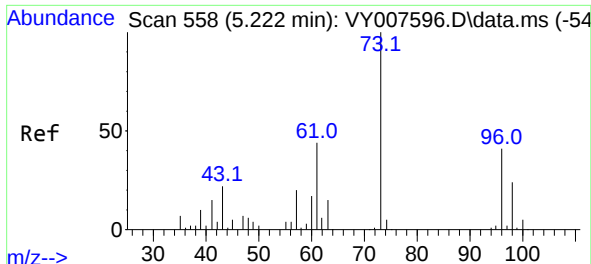
Tgt Ion: 43 Resp: 28994
Ion Ratio Lower Upper
43 100
58 29.0 22.0 33.0



#17
Carbon Disulfide
Concen: 24.839 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY007626.D
Acq: 24 Feb 2022 18:37

Tgt Ion: 76 Resp: 60408
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.0





#19

Methyl tert-butyl Ether

Concen: 232.865 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY007626.D

Acq: 24 Feb 2022 18:37

Instrument :

MSVOA_Y

ClientSampleId :

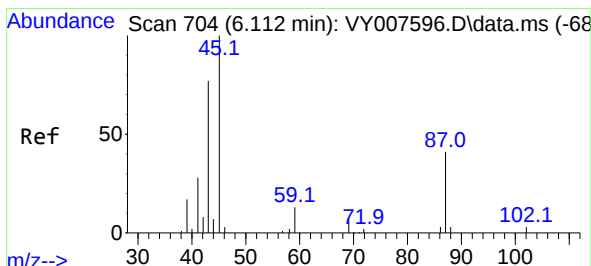
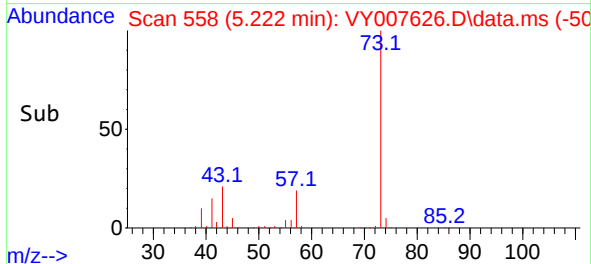
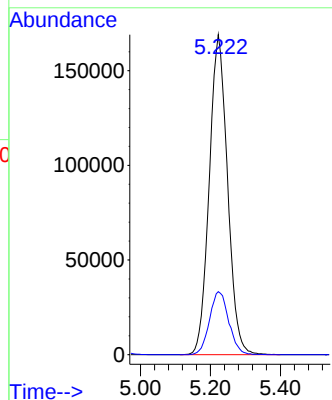
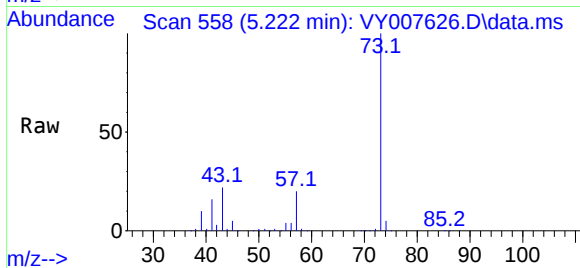
D12-12.5

Tgt Ion: 73 Resp: 612452

Ion Ratio Lower Upper

73 100

57 19.7 18.6 27.8



#22

Diisopropyl ether

Concen: 4.781 ug/l

RT: 6.125 min Scan# 706

Delta R.T. 0.013 min

Lab File: VY007626.D

Acq: 24 Feb 2022 18:37

Tgt Ion: 45 Resp: 9088

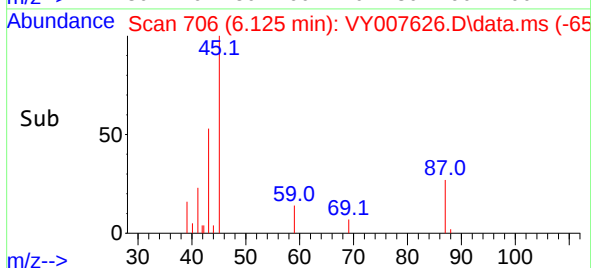
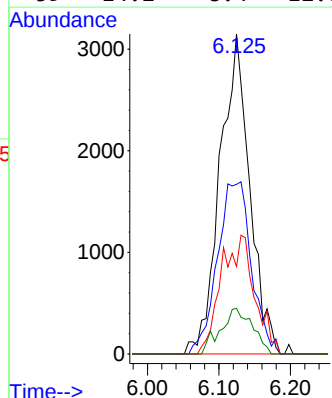
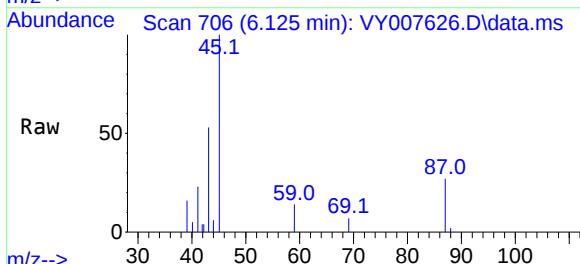
Ion Ratio Lower Upper

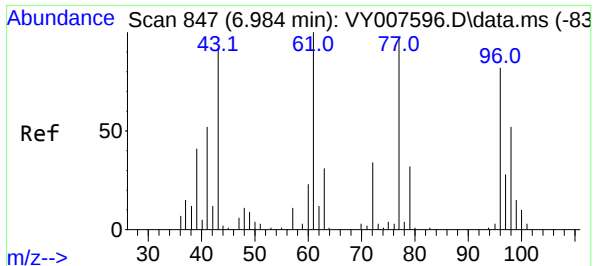
45 100

43 53.0 49.3 73.9

87 27.3 19.2 28.8

59 14.2 8.4 12.6





#25

2-Butanone

Concen: 48.275 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY007626.D

Acq: 24 Feb 2022 18:37

Instrument :

MSVOA_Y

ClientSampleId :

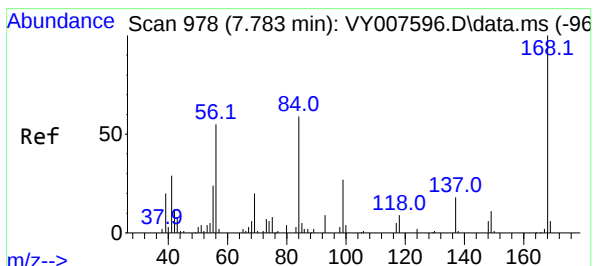
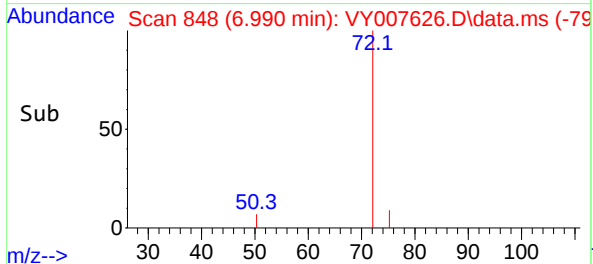
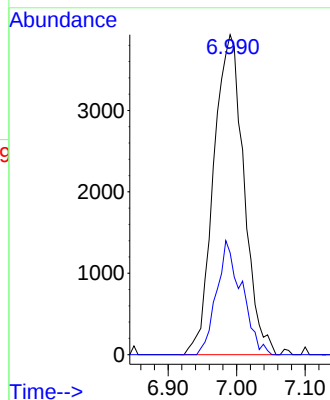
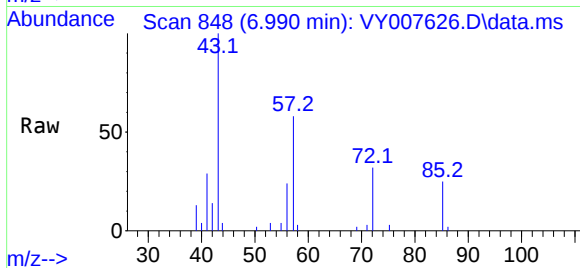
D12-12.5

Tgt Ion: 43 Resp: 12013

Ion Ratio Lower Upper

43 100

72 31.8 17.7 26.5#



#31

Cyclohexane

Concen: 3.083 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY007626.D

Acq: 24 Feb 2022 18:37

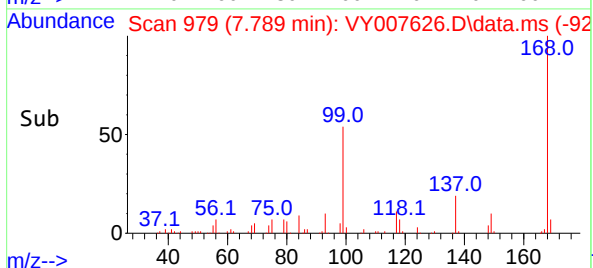
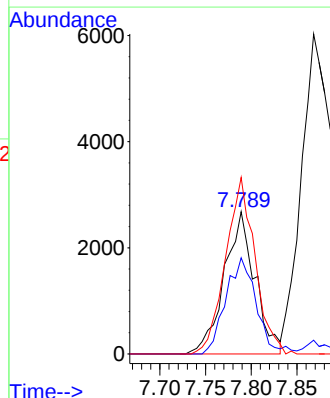
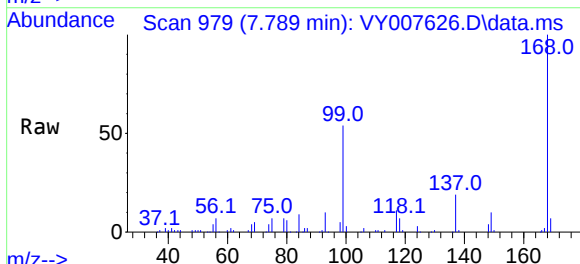
Tgt Ion: 56 Resp: 6258

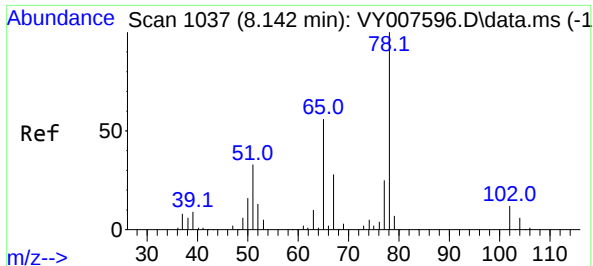
Ion Ratio Lower Upper

56 100

69 67.6 26.7 40.1#

84 124.0 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 50.452 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.001 min

Lab File: VY007626.D

Acq: 24 Feb 2022 18:37

Instrument :

MSVOA_Y

ClientSampleId :

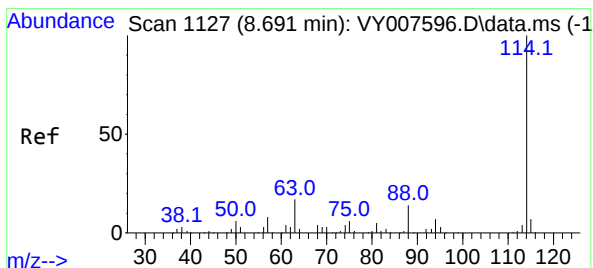
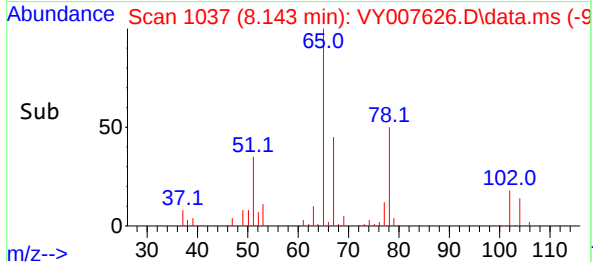
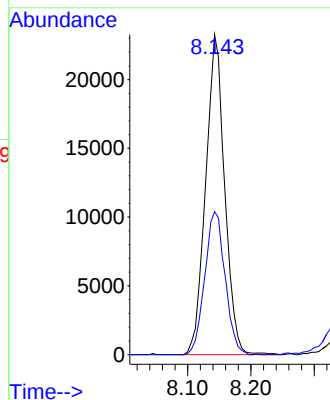
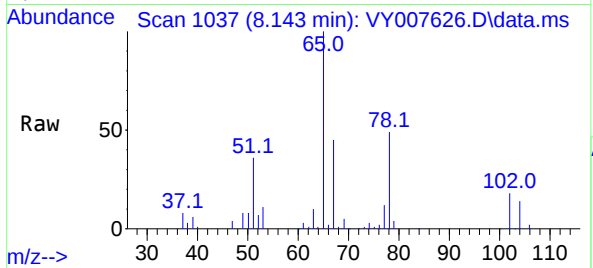
D12-12.5

Tgt Ion: 65 Resp: 48624

Ion Ratio Lower Upper

65 100

67 47.7 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: VY007626.D

Acq: 24 Feb 2022 18:37

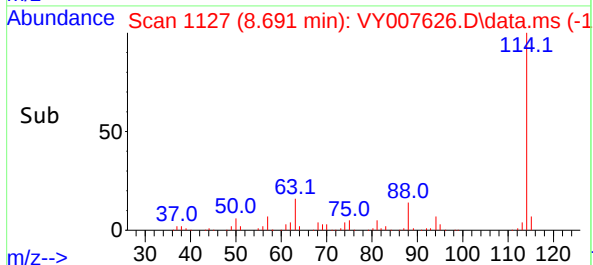
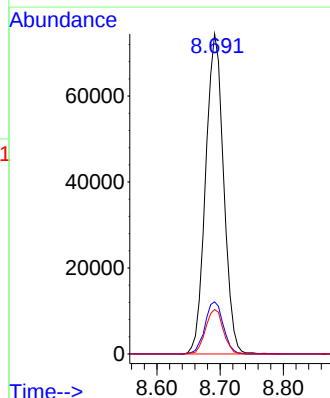
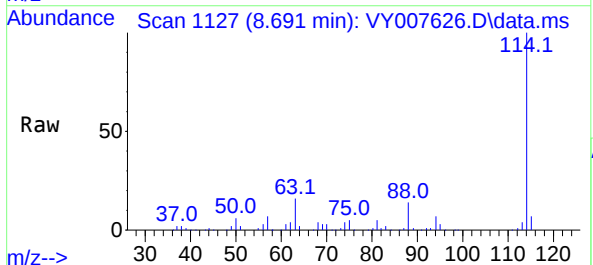
Tgt Ion: 114 Resp: 147238

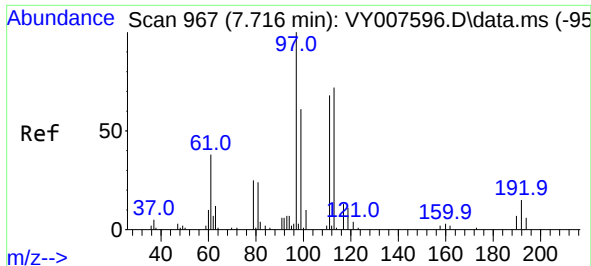
Ion Ratio Lower Upper

114 100

63 16.3 0.0 43.2

88 13.9 0.0 31.8

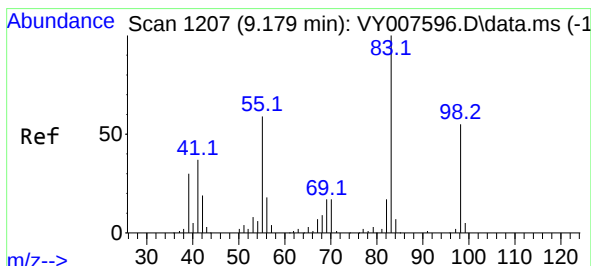
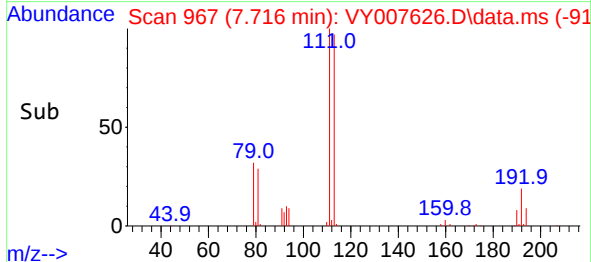
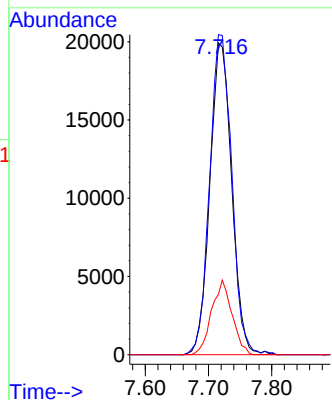
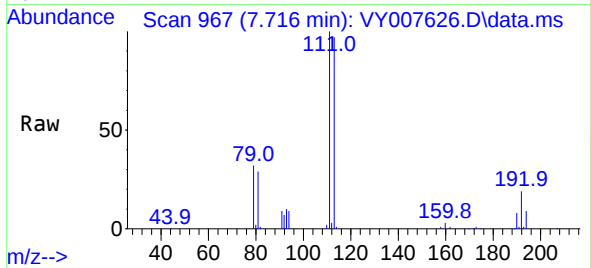




#35
Dibromofluoromethane
Concen: 51.459 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007626.D
Acq: 24 Feb 2022 18:37

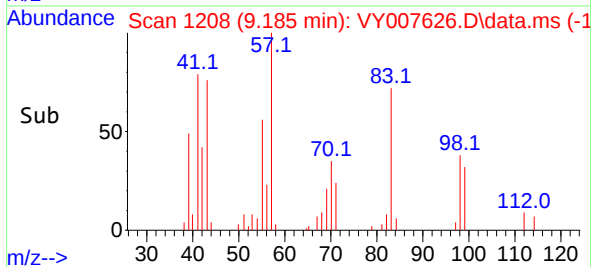
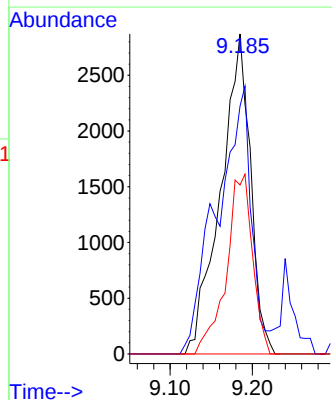
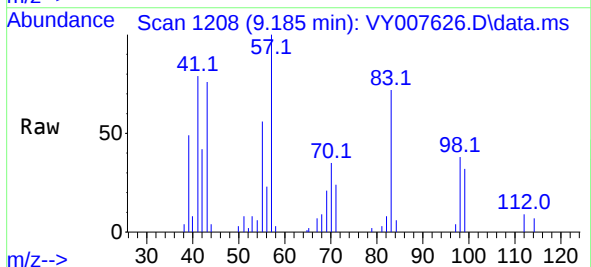
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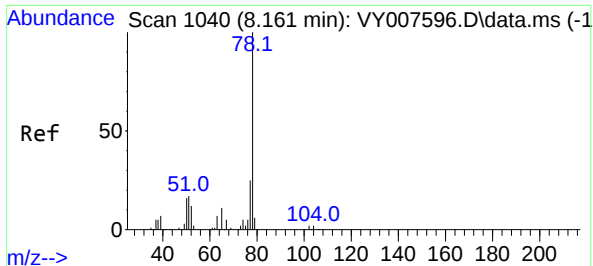
Tgt Ion:113 Resp: 47808
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 22.3 17.6 26.4



#39
Methylcyclohexane
Concen: 2.935 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. 0.006 min
Lab File: VY007626.D
Acq: 24 Feb 2022 18:37

Tgt Ion: 83 Resp: 7251
Ion Ratio Lower Upper
83 100
55 77.4 66.5 99.7
98 52.8 37.9 56.9

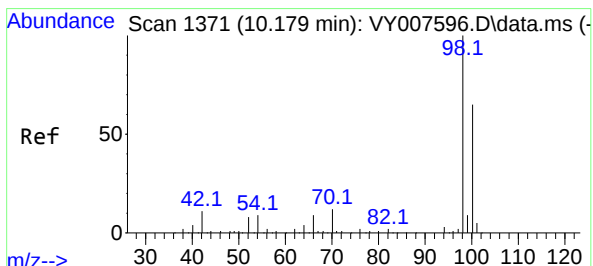
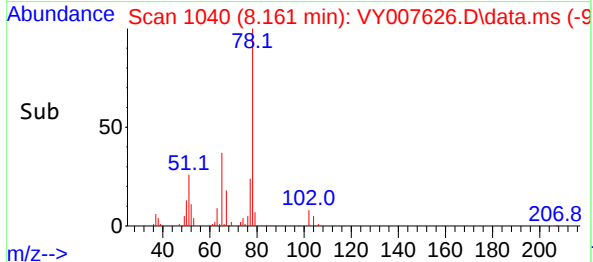
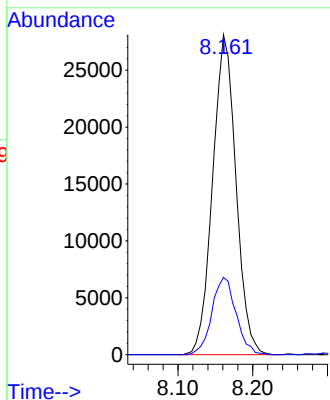
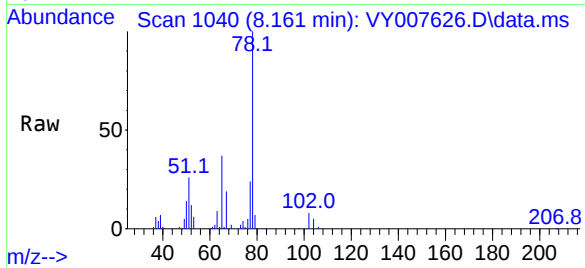




#40
Benzene
Concen: 15.960 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY007626.D
Acq: 24 Feb 2022 18:37

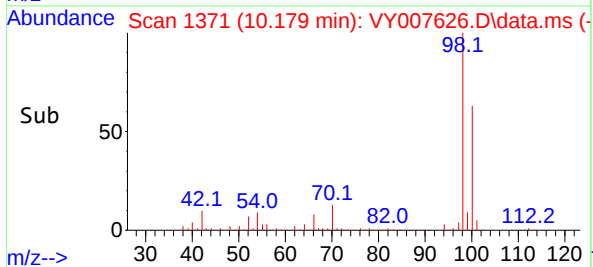
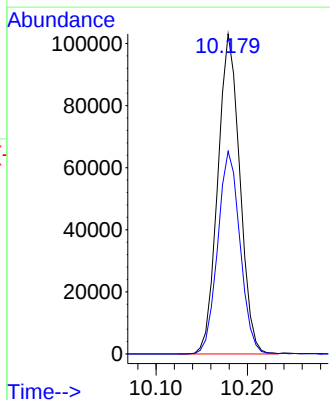
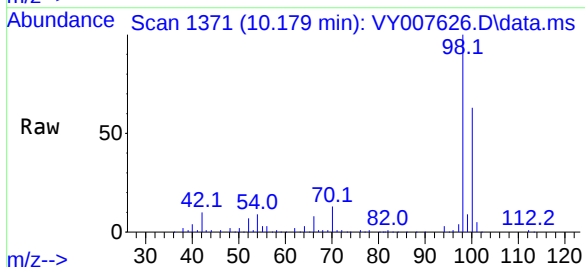
Instrument :
MSVOA_Y
ClientSampleId :
D12-12.5

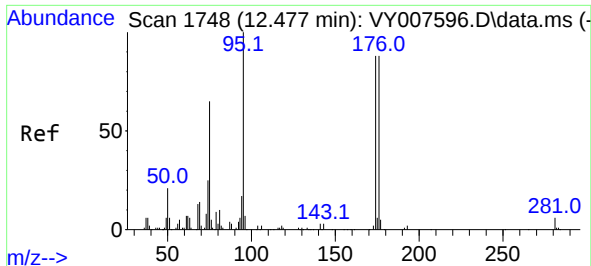
Tgt Ion: 78 Resp: 60966
Ion Ratio Lower Upper
78 100
77 24.2 20.4 30.6



#50
Toluene-d8
Concen: 50.287 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007626.D
Acq: 24 Feb 2022 18:37

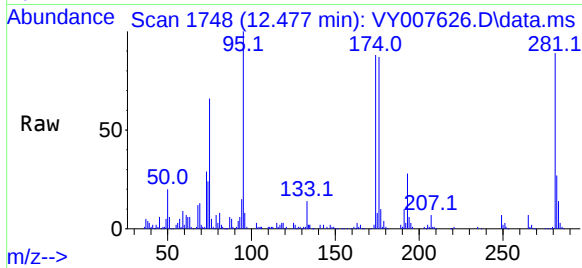
Tgt Ion: 98 Resp: 172934
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



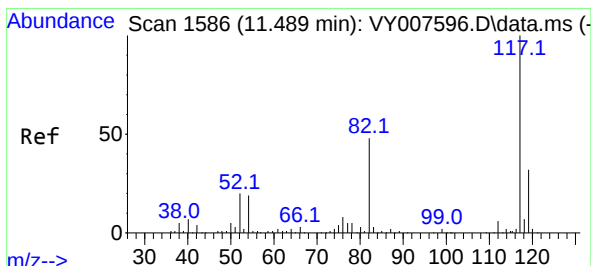
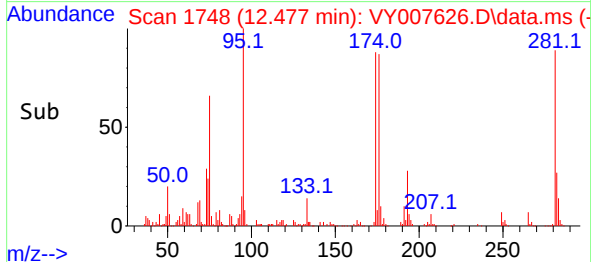
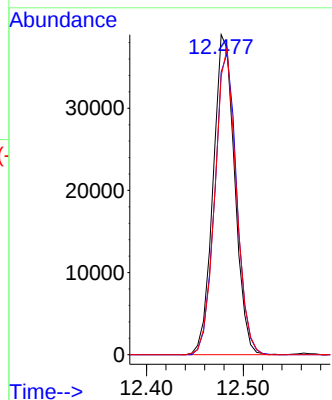


#62
4-Bromofluorobenzene
Concen: 51.326 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY007626.D
Acq: 24 Feb 2022 18:37

Instrument :
MSVOA_Y
ClientSampleId :
D12-12.5

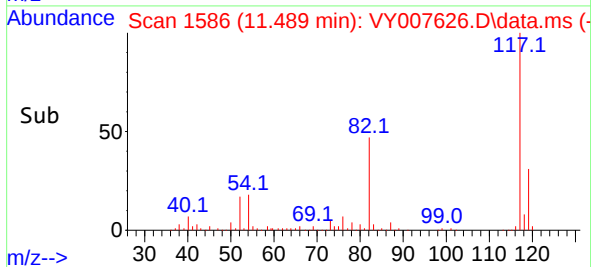
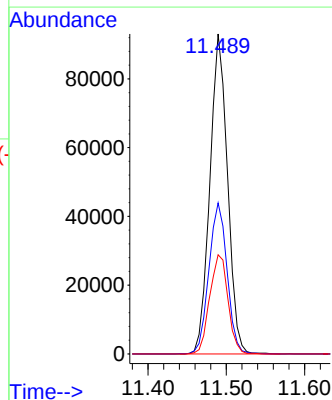
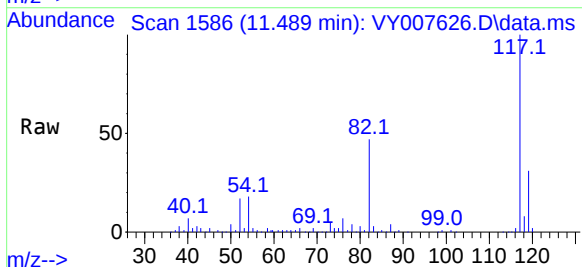


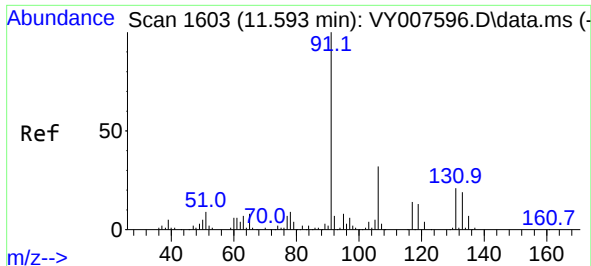
Tgt Ion: 95 Resp: 60295
Ion Ratio Lower Upper
95 100
174 95.4 0.0 177.0
176 94.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007626.D
Acq: 24 Feb 2022 18:37

Tgt Ion: 117 Resp: 145431
Ion Ratio Lower Upper
117 100
82 47.2 43.0 64.4
119 31.0 25.4 38.0

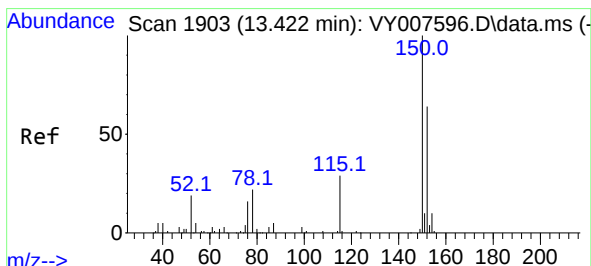
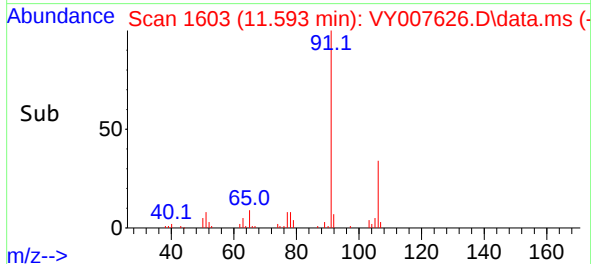
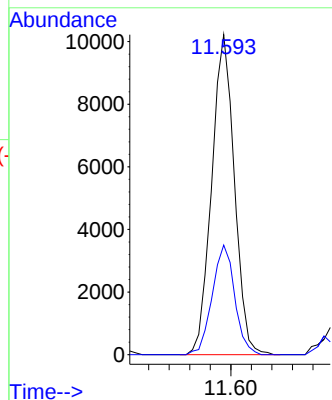
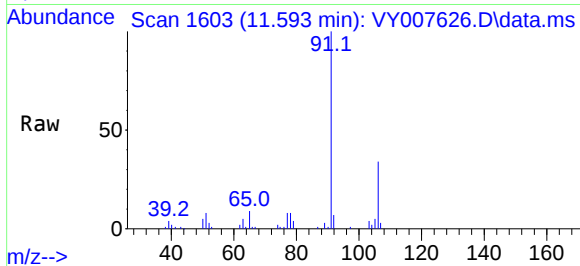




#67
Ethyl Benzene
Concen: 2.940 ug/l
RT: 11.593 min Scan# 1156
Delta R.T. 0.000 min
Lab File: VY007626.D
Acq: 24 Feb 2022 18:37

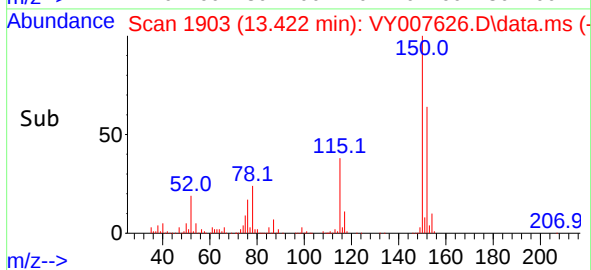
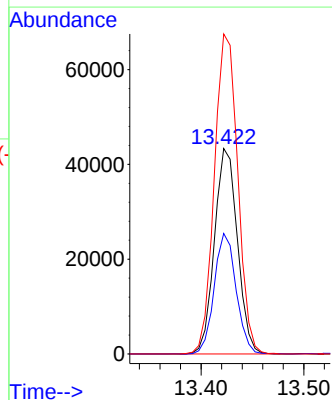
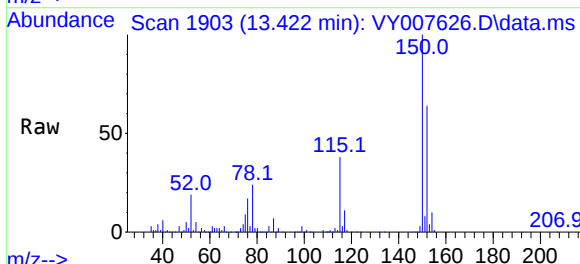
Instrument :
MSVOA_Y
ClientSampleId :
D12-12.5

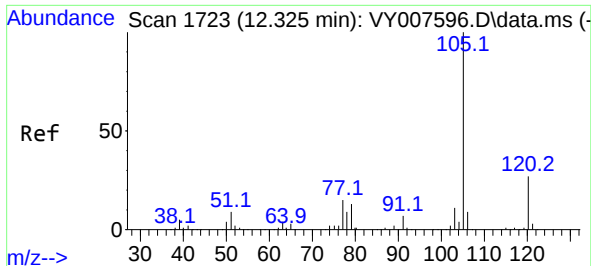
Tgt Ion: 91 Resp: 15633
Ion Ratio Lower Upper
91 100
106 34.2 24.5 36.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007626.D
Acq: 24 Feb 2022 18:37

Tgt Ion:152 Resp: 67188
Ion Ratio Lower Upper
152 100
115 56.1 28.2 84.7
150 158.7 0.0 347.6

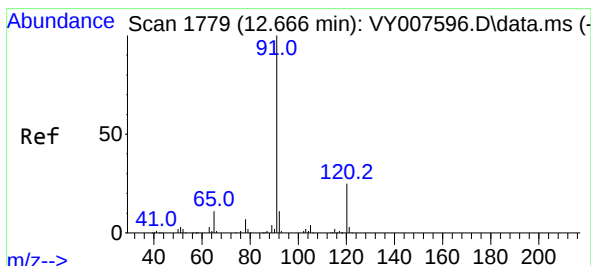
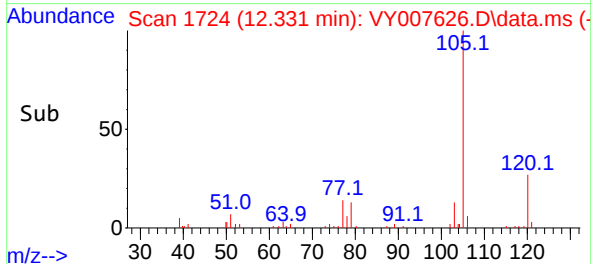
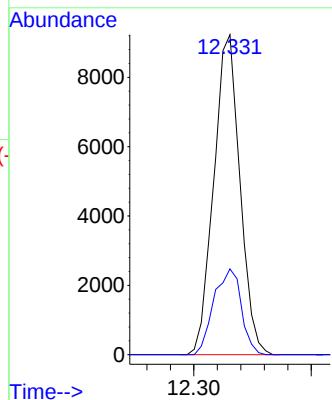
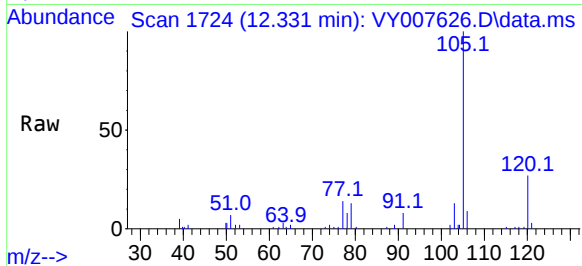




#73
Isopropylbenzene
Concen: 2.757 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007626.D
Acq: 24 Feb 2022 18:37

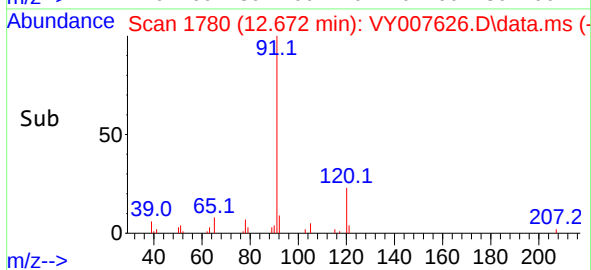
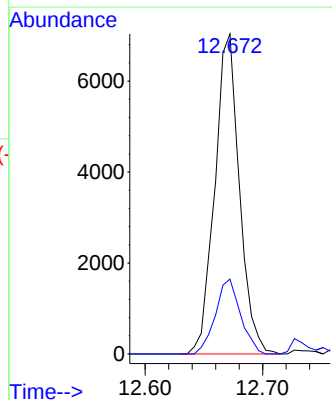
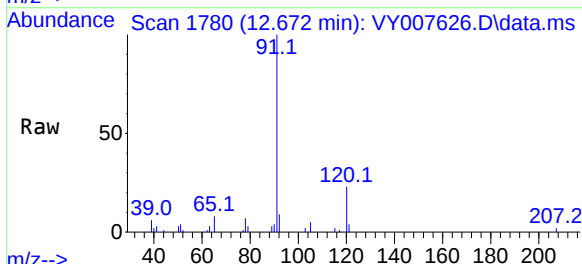
Instrument :
MSVOA_Y
ClientSampleId :
D12-12.5

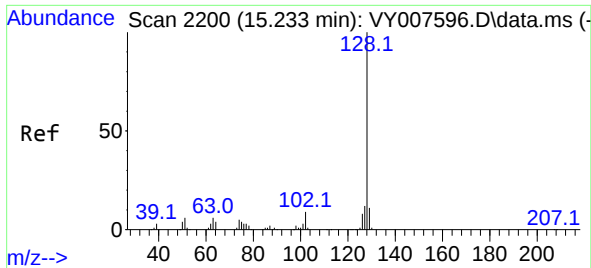
Tgt Ion:105 Resp: 14270
Ion Ratio Lower Upper
105 100
120 28.1 13.4 40.2



#78
n-propylbenzene
Concen: 1.718 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY007626.D
Acq: 24 Feb 2022 18:37

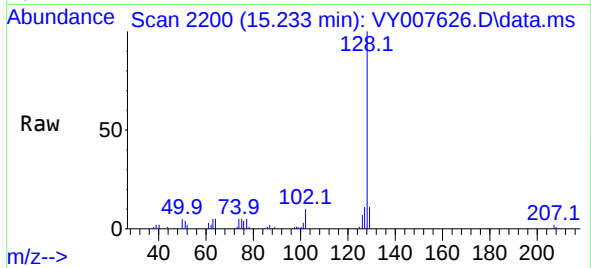
Tgt Ion: 91 Resp: 10267
Ion Ratio Lower Upper
91 100
120 23.8 11.3 33.9





#95
Naphthalene
Concen: 3.876 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY007626.D
Acq: 24 Feb 2022 18:37

Instrument :
MSVOA_Y
ClientSampleId :
D12-12.5



Tgt Ion:	128	Resp:	13206
Ion	Ratio	Lower	Upper
128	100		
127	13.2	11.0	16.4
129	10.5	8.4	12.6

