

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092022\
 Data File : VX031505.D
 Acq On : 20 Sep 2022 18:53
 Operator : JC/MD
 Sample : N4641-12
 Misc : 6.02G/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 D22021-6

Quant Time: Sep 21 04:55:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

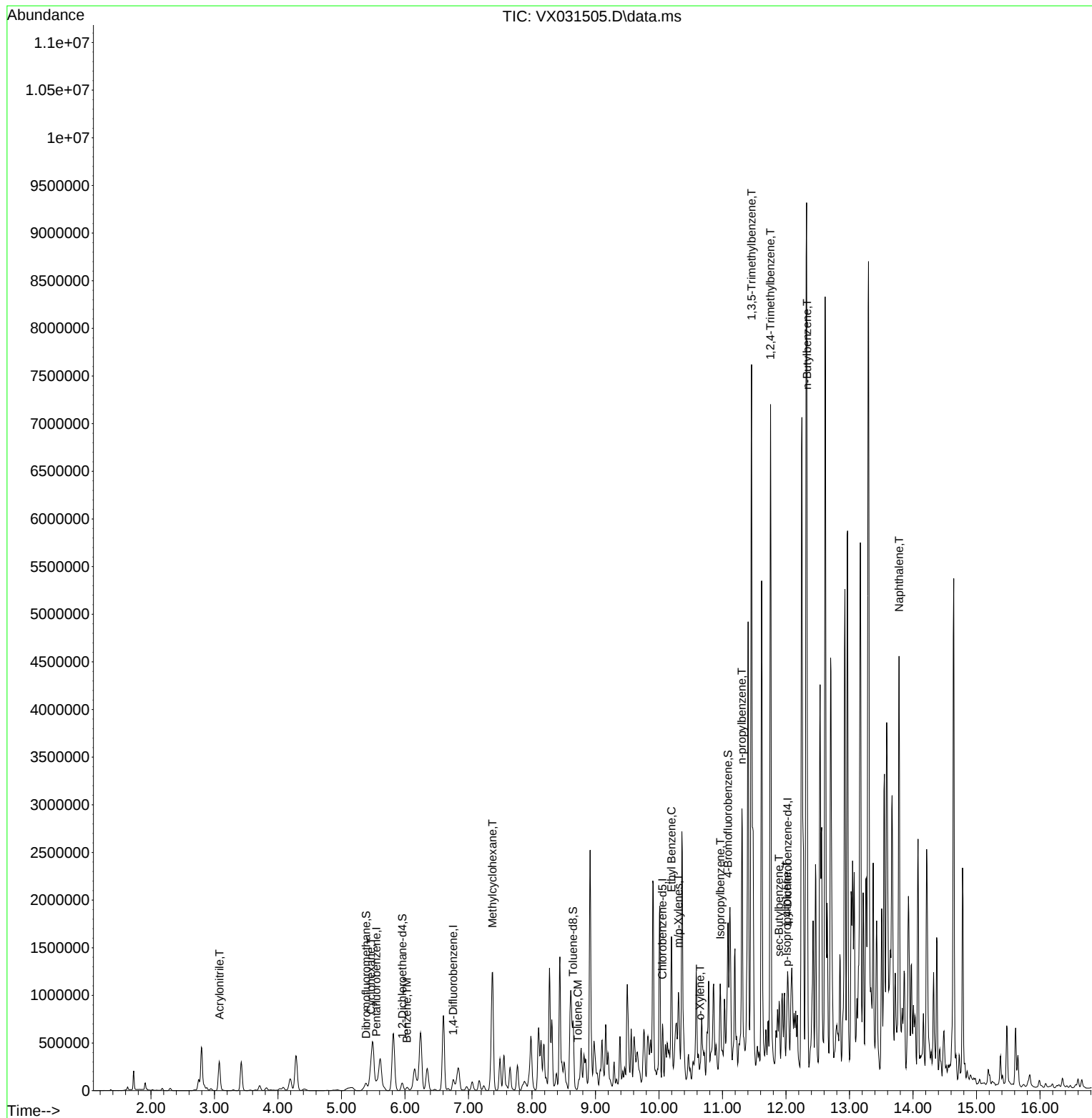
Internal Standards						
1) Pentafluorobenzene	5.550	168	69013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	112261	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216606	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	178908	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72672	57.473	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.940%
35) Dibromofluoromethane	5.385	113	55439	47.746	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.500%
50) Toluene-d8	8.647	98	328220	73.385	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	146.760%#
62) 4-Bromofluorobenzene	11.085	95	180315	119.020	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	238.040%#
Target Compounds						
					Qvalue	
15) Acrylonitrile	3.081	53	7894	11.852	ug/l	# 42
31) Cyclohexane	5.465	56	228632	121.794	ug/l	# 89
39) Methylcyclohexane	7.379	83	546672	248.988	ug/l	97
40) Benzene	6.031	78	40658	7.637	ug/l	98
52) Toluene	8.720	92	1947	0.561	ug/l	98
67) Ethyl Benzene	10.195	91	639613	54.233	ug/l	95
68) m/p-Xylenes	10.305	106	132788	28.017	ug/l	96
69) o-Xylene	10.647	106	9668	2.137	ug/l	84
73) Isopropylbenzene	10.964	105	376432	28.176	ug/l	97
78) n-propylbenzene	11.305	91	1665159	108.334	ug/l	93
80) 1,3,5-Trimethylbenzene	11.457	105	3116098	274.834	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	2868663	256.906	ug/l	93
85) sec-Butylbenzene	11.890	105	265076	19.060	ug/l	95
86) p-Isopropyltoluene	12.012	119	135507	11.539	ug/l	98
89) n-Butylbenzene	12.329	91	1349995	134.954	ug/l	# 16
95) Naphthalene	13.780	128	2824569	220.229	ug/l	97

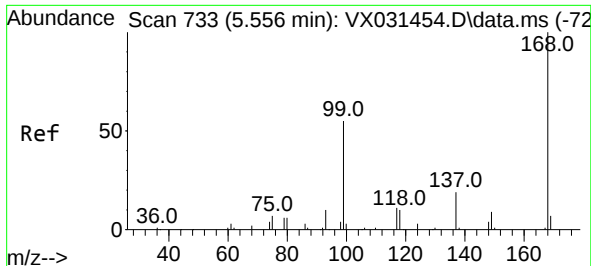
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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D22021-6

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

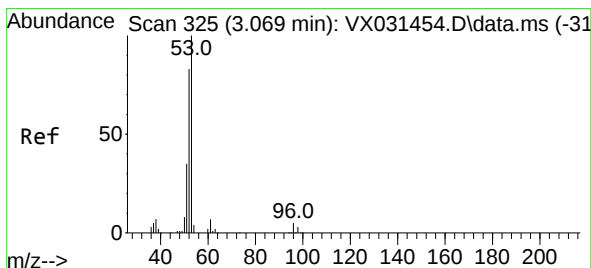
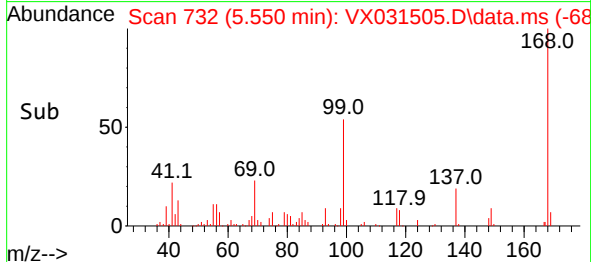
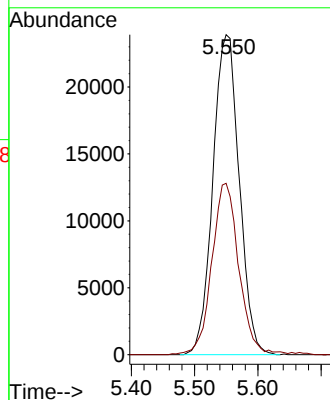
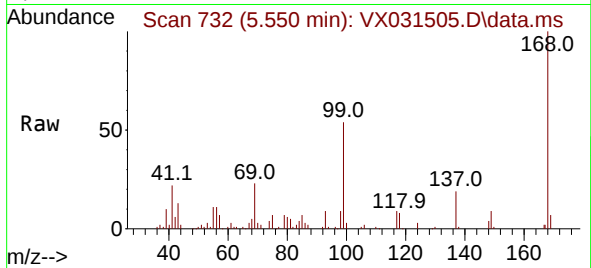




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

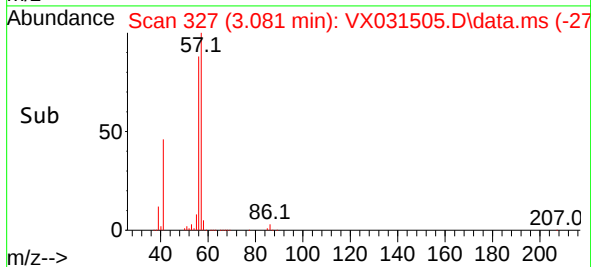
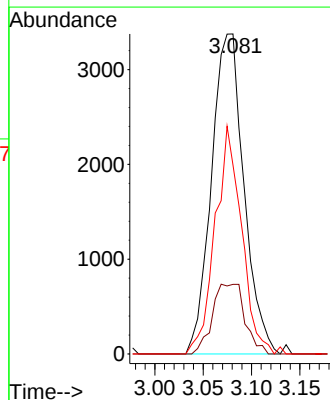
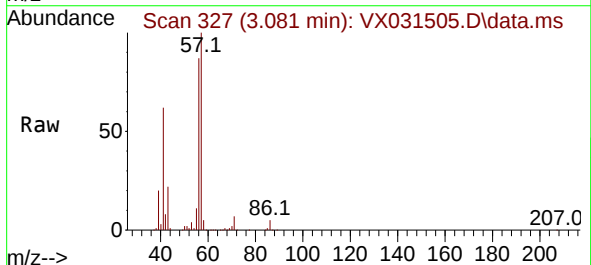
Instrument :
MSVOA_X
ClientSampleId :
D22021-6

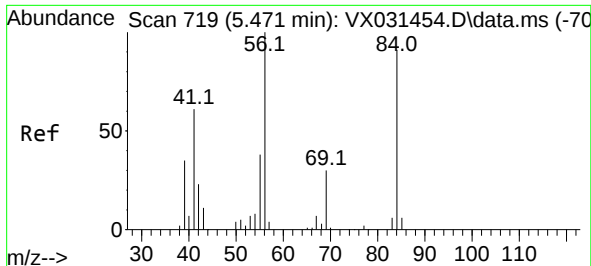
Tgt Ion:168 Resp: 69013
Ion Ratio Lower Upper
168 100
99 53.0 48.8 73.2



#15
Acrylonitrile
Concen: 11.852 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.012 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

Tgt Ion: 53 Resp: 7894
Ion Ratio Lower Upper
53 100
52 21.7 66.9 100.3#
51 58.1 30.0 45.0#

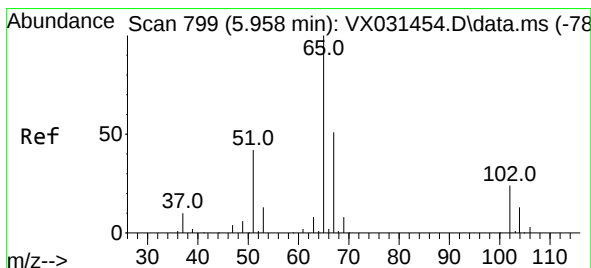
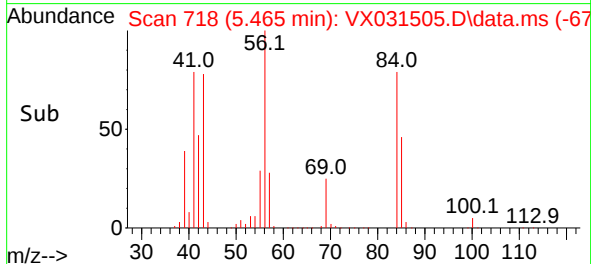
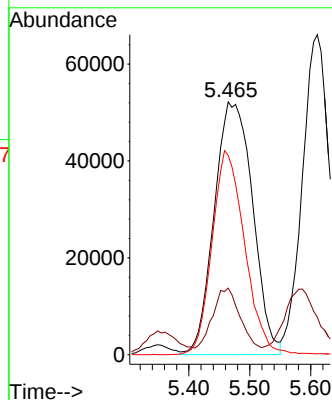
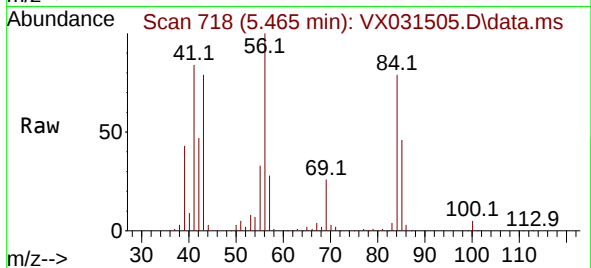




#31
Cyclohexane
Concen: 121.794 ug/l
RT: 5.465 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

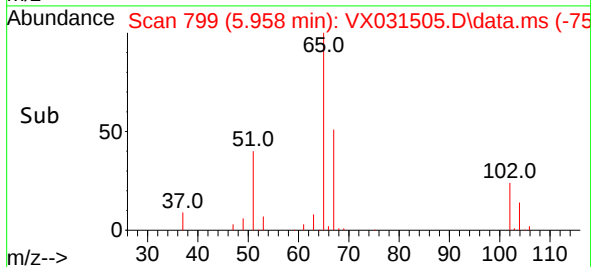
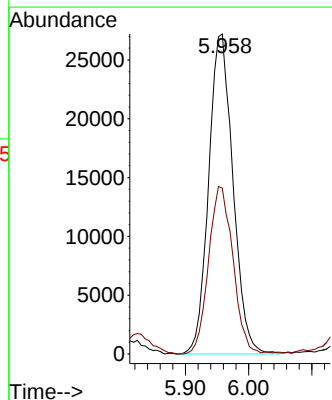
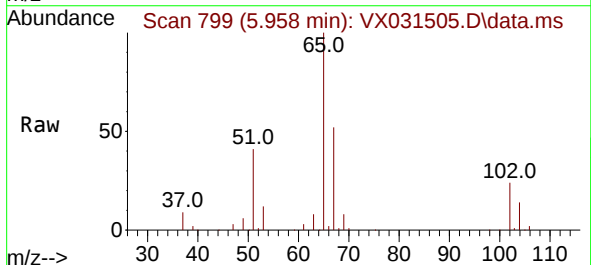
Instrument :
MSVOA_X
ClientSampleId :
D22021-6

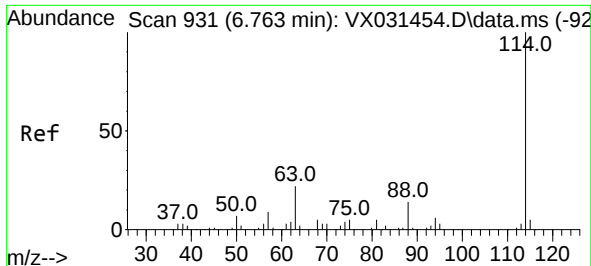
Tgt Ion: 56 Resp: 228632
Ion Ratio Lower Upper
56 100
69 22.2 25.1 37.7#
84 79.4 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 57.473 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

Tgt Ion: 65 Resp: 72672
Ion Ratio Lower Upper
65 100
67 52.6 0.0 102.4

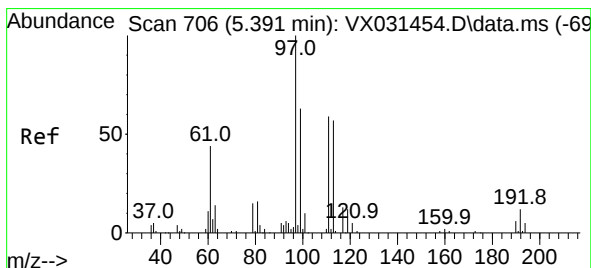
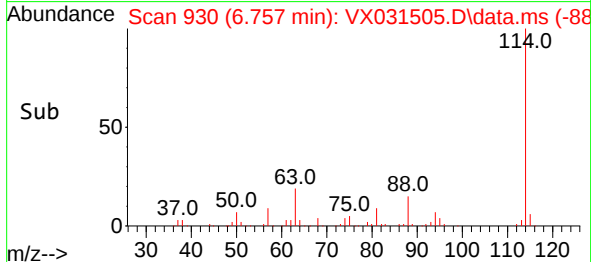
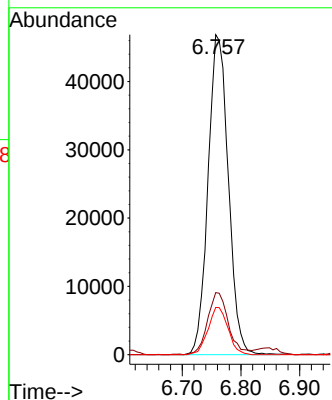
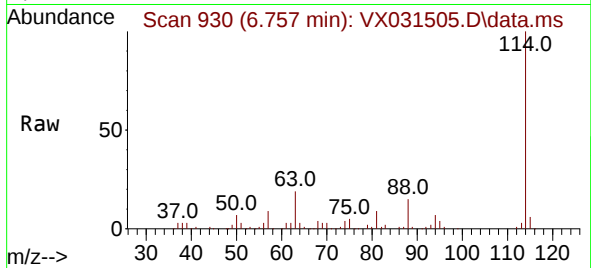




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

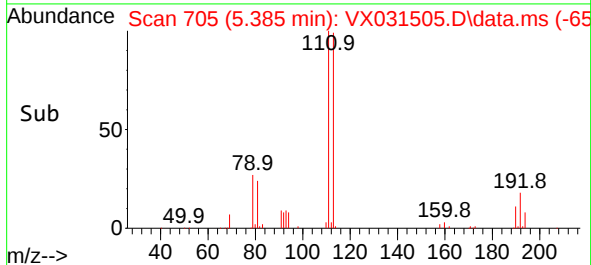
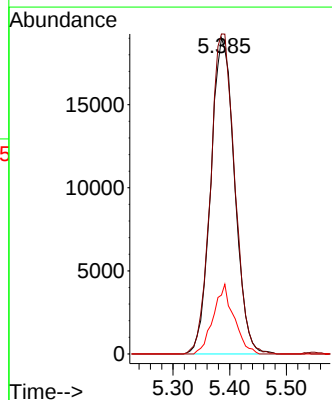
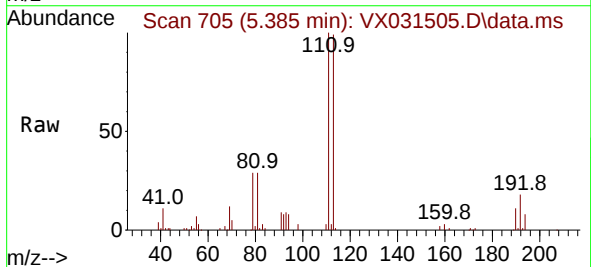
Instrument :
MSVOA_X
ClientSampleId :
D22021-6

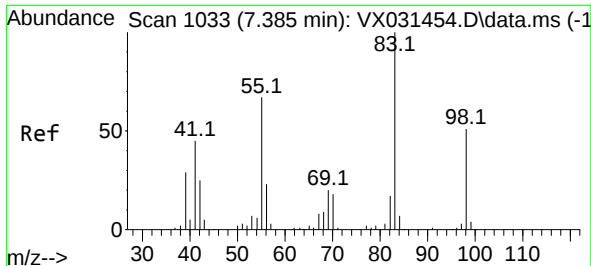
Tgt Ion:114 Resp: 112261
Ion Ratio Lower Upper
114 100
63 19.2 0.0 42.6
88 14.8 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.746 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

Tgt Ion:113 Resp: 55439
Ion Ratio Lower Upper
113 100
111 102.5 82.4 123.6
192 19.1 14.1 21.1





#39

Methylcyclohexane

Concen: 248.988 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX031505.D

Acq: 20 Sep 2022 18:53

Instrument :

MSVOA_X

ClientSampleId :

D22021-6

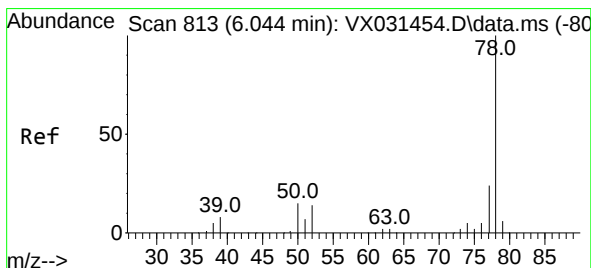
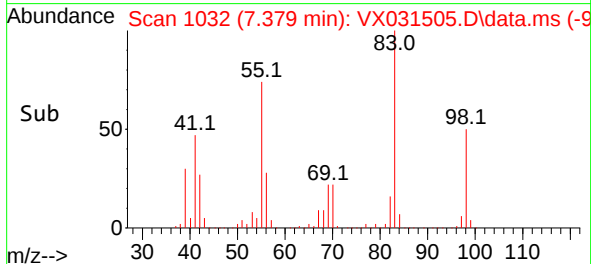
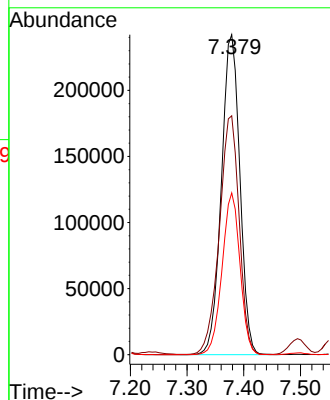
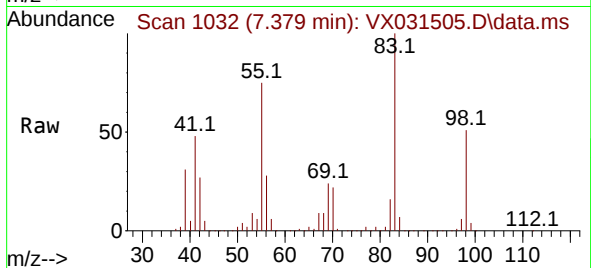
Tgt Ion: 83 Resp: 546672

Ion Ratio Lower Upper

83 100

55 74.6 61.0 91.4

98 50.6 37.7 56.5



#40

Benzene

Concen: 7.637 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.013 min

Lab File: VX031505.D

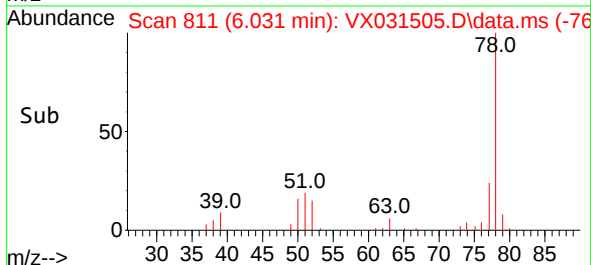
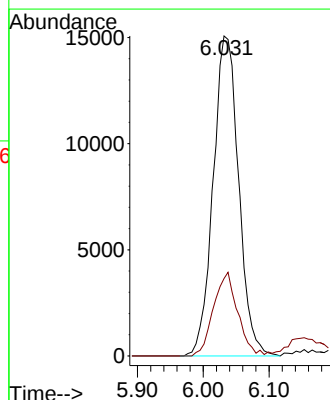
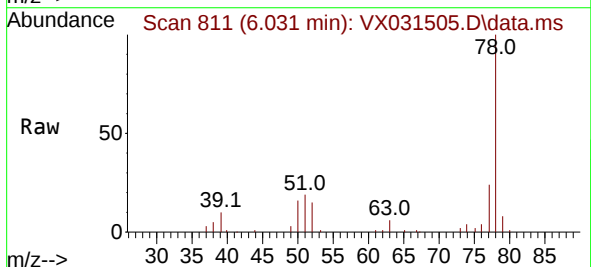
Acq: 20 Sep 2022 18:53

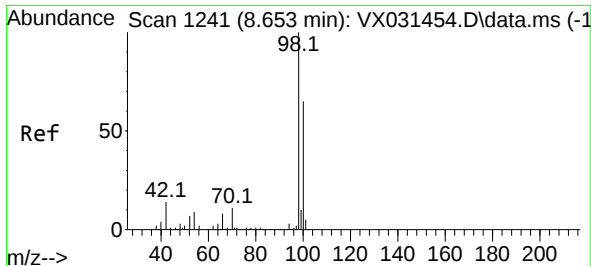
Tgt Ion: 78 Resp: 40658

Ion Ratio Lower Upper

78 100

77 24.2 18.7 28.1

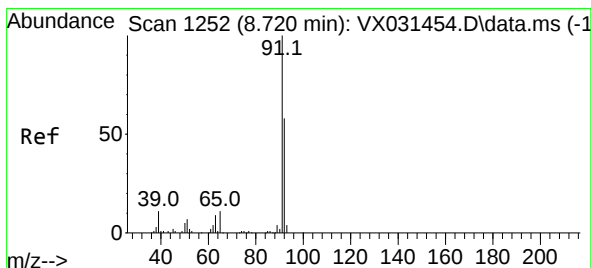
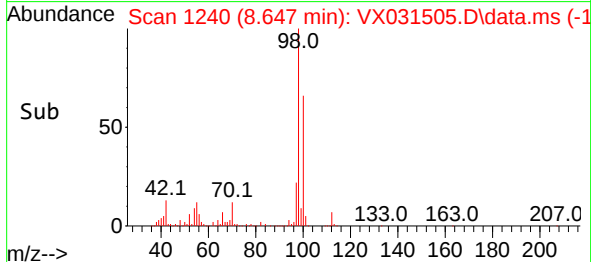
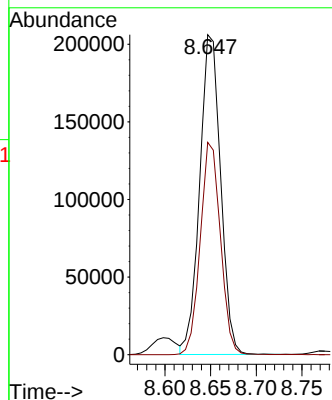
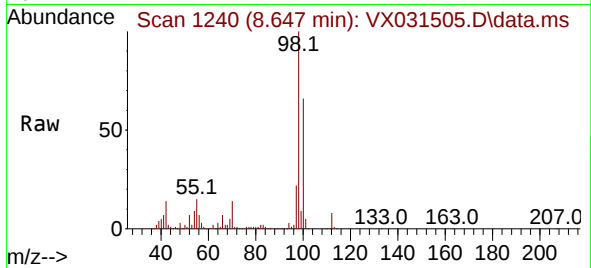




#50
Toluene-d8
Concen: 73.385 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

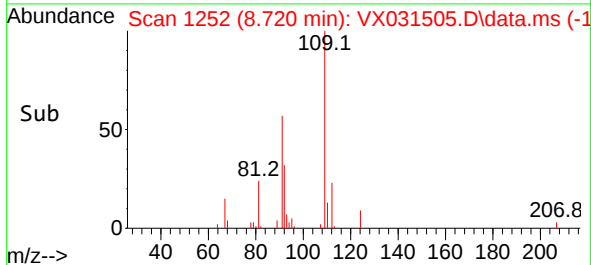
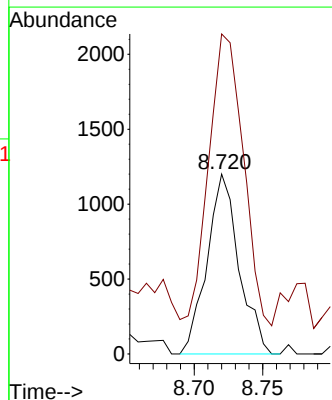
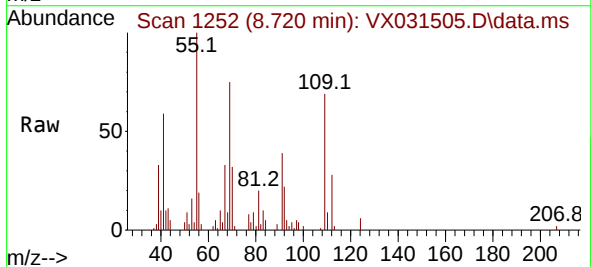
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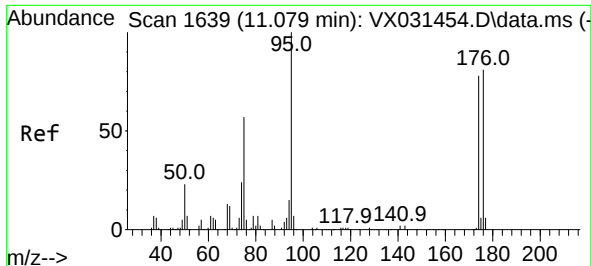
Tgt Ion: 98 Resp: 328220
Ion Ratio Lower Upper
98 100
100 64.1 52.5 78.7



#52
Toluene
Concen: 0.561 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

Tgt Ion: 92 Resp: 1947
Ion Ratio Lower Upper
92 100
91 174.7 137.1 205.7

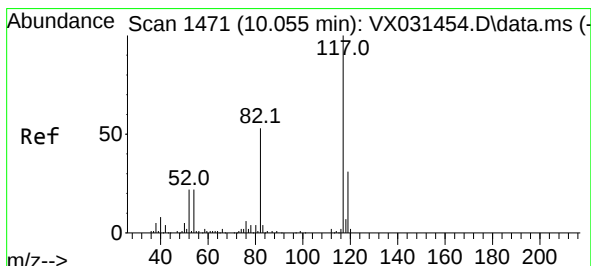
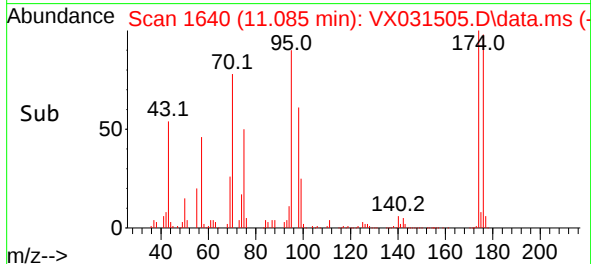
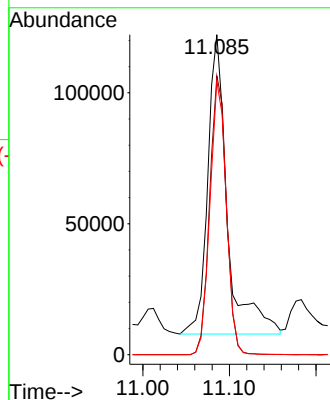
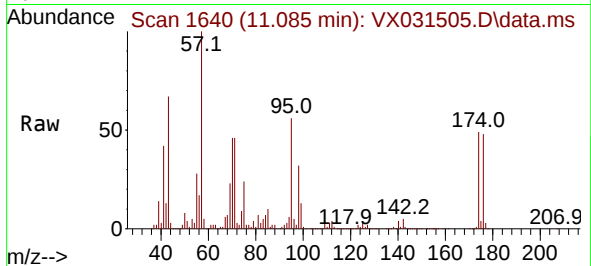




#62
4-Bromofluorobenzene
Concen: 119.020 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

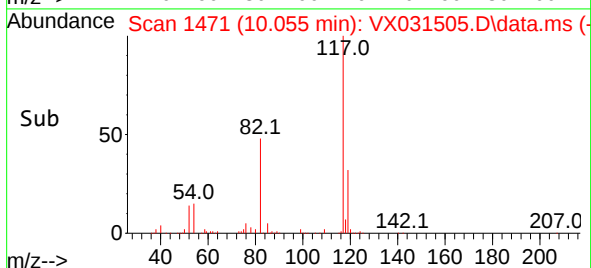
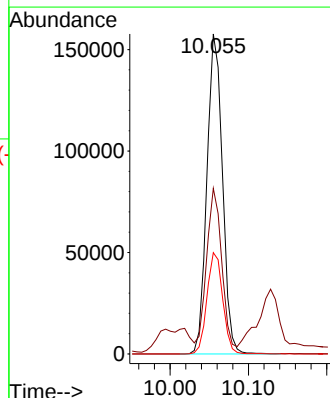
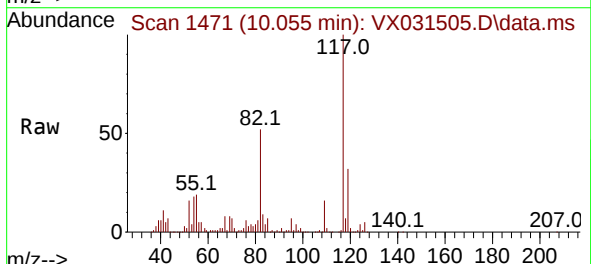
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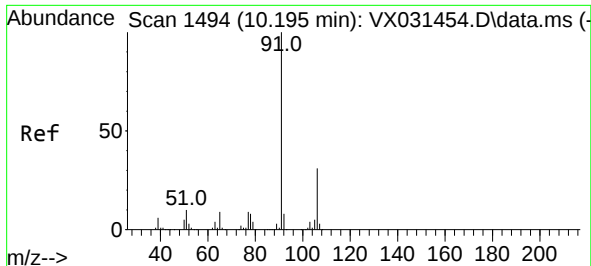
Tgt Ion: 95 Resp: 180315
Ion Ratio Lower Upper
95 100
174 78.8 0.0 153.2
176 76.0 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

Tgt Ion: 117 Resp: 216606
Ion Ratio Lower Upper
117 100
82 44.1 46.8 70.2#
119 31.7 26.4 39.6





#67

Ethyl Benzene

Concen: 54.233 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX031505.D

Acq: 20 Sep 2022 18:53

Instrument :

MSVOA_X

ClientSampleId :

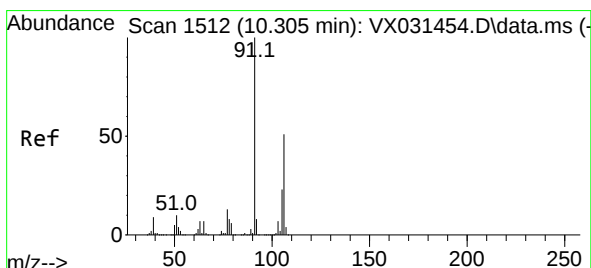
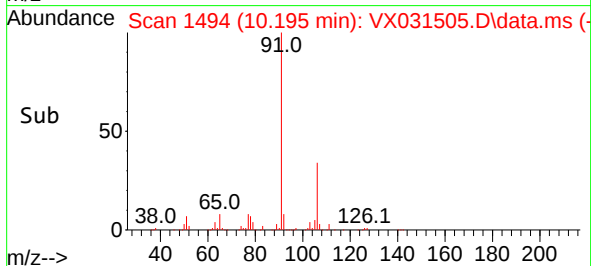
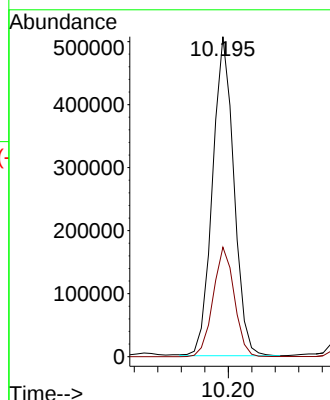
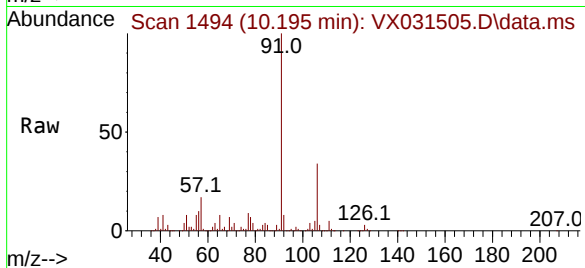
D22021-6

Tgt Ion: 91 Resp: 639613

Ion Ratio Lower Upper

91 100

106 34.3 25.2 37.8



#68

m/p-Xylenes

Concen: 28.017 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX031505.D

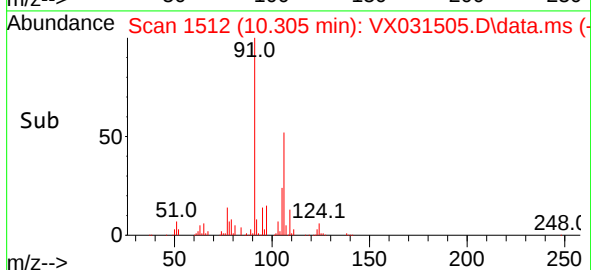
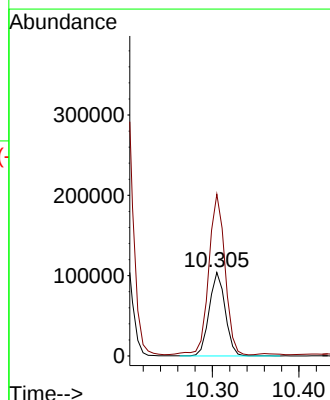
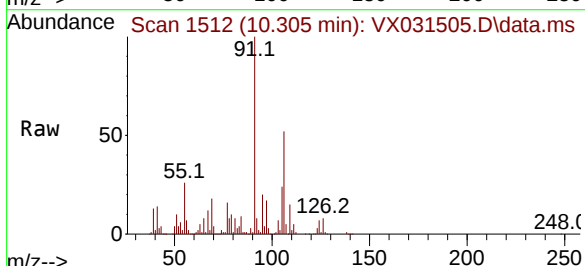
Acq: 20 Sep 2022 18:53

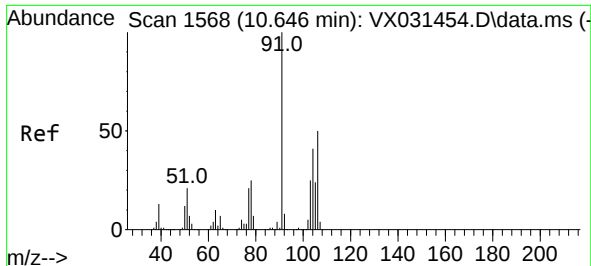
Tgt Ion: 106 Resp: 132788

Ion Ratio Lower Upper

106 100

91 195.6 161.0 241.4

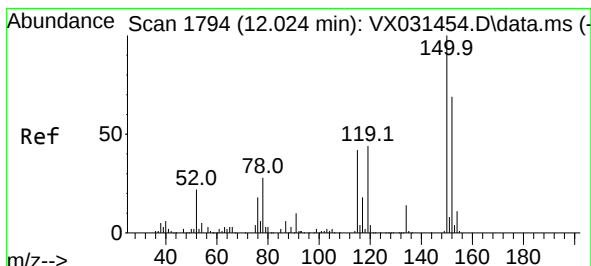
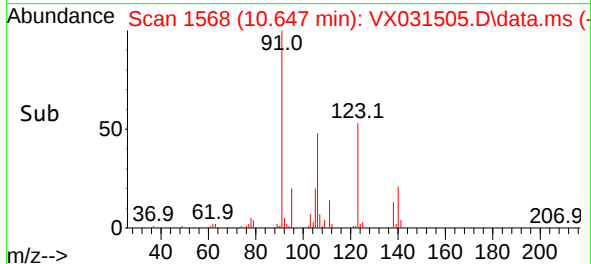
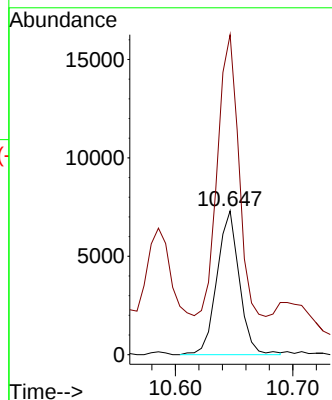
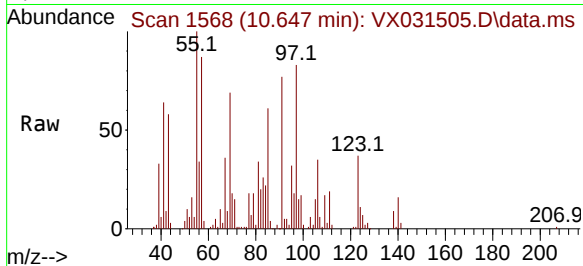




#69
o-Xylene
Concen: 2.137 ug/l
RT: 10.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

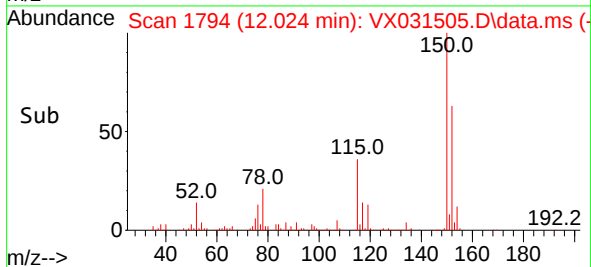
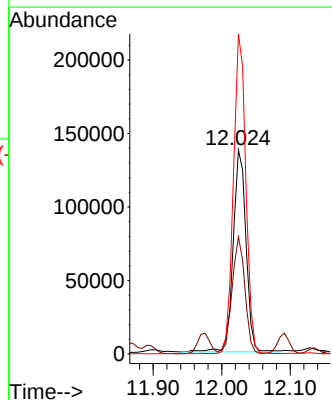
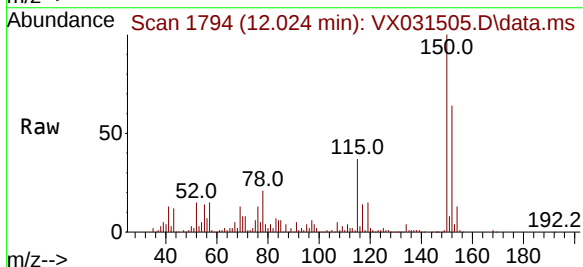
Instrument :
MSVOA_X
ClientSampleId :
D22021-6

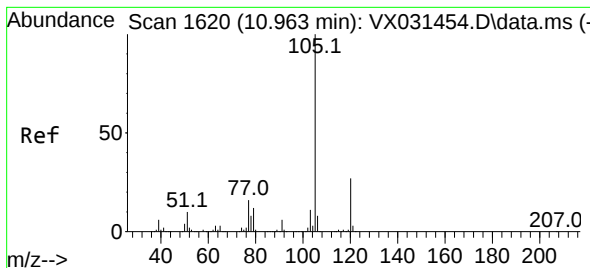
Tgt Ion:106 Resp: 9668
Ion Ratio Lower Upper
106 100
91 188.3 107.2 321.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

Tgt Ion:152 Resp: 178908
Ion Ratio Lower Upper
152 100
115 58.1 43.4 130.1
150 152.7 0.0 346.8





#73

Isopropylbenzene

Concen: 28.176 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.001 min

Lab File: VX031505.D

Acq: 20 Sep 2022 18:53

Instrument :

MSVOA_X

ClientSampleId :

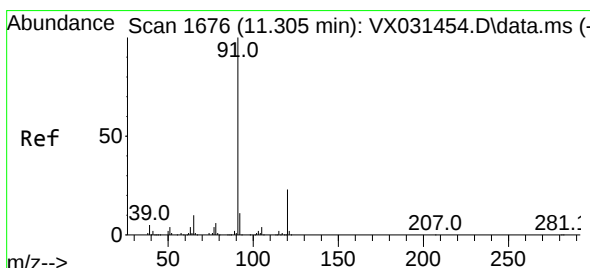
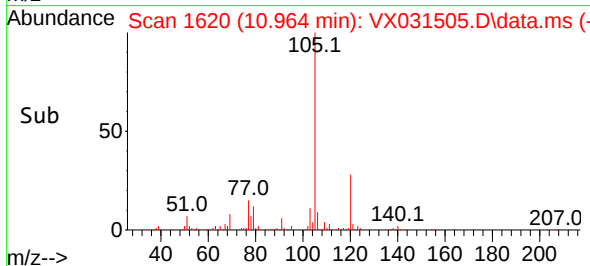
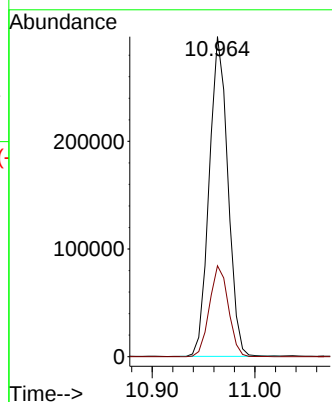
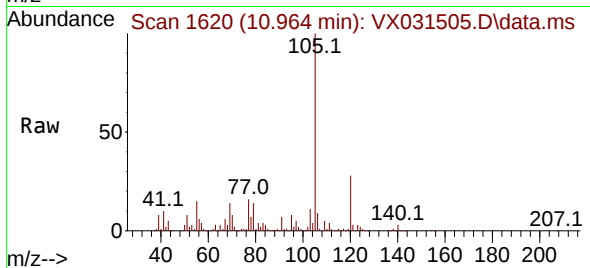
D22021-6

Tgt Ion:105 Resp: 376432

Ion Ratio Lower Upper

105 100

120 28.7 13.7 41.0



#78

n-propylbenzene

Concen: 108.334 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX031505.D

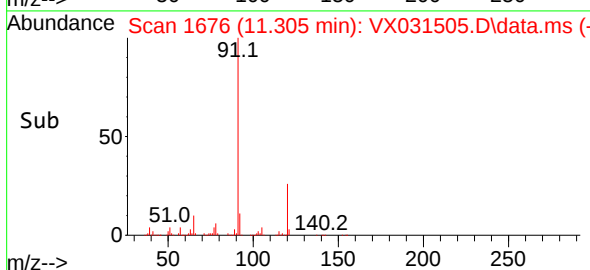
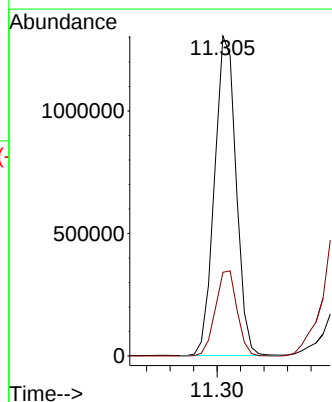
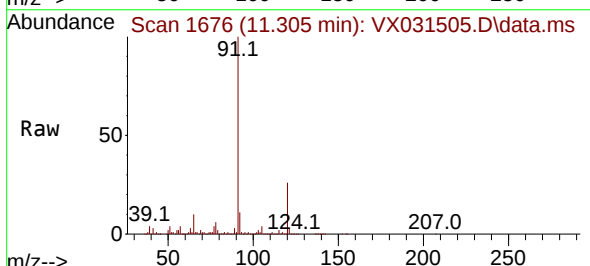
Acq: 20 Sep 2022 18:53

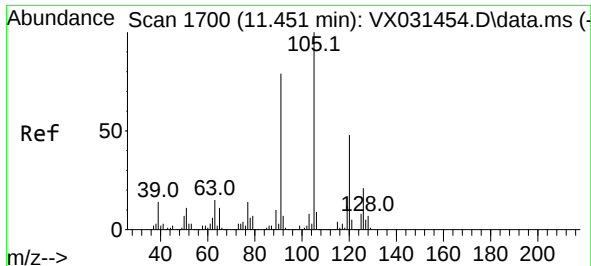
Tgt Ion: 91 Resp: 1665159

Ion Ratio Lower Upper

91 100

120 26.8 11.8 35.4

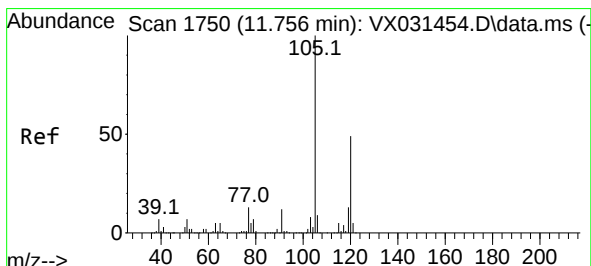
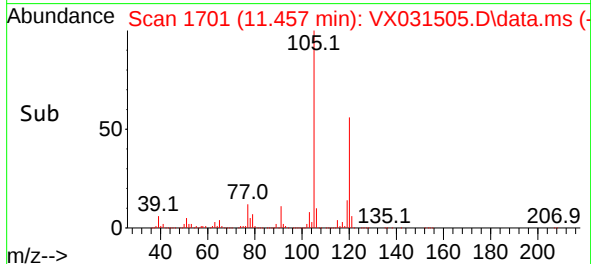
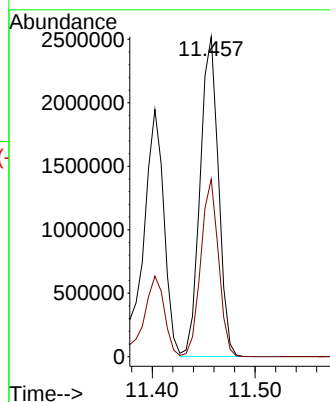
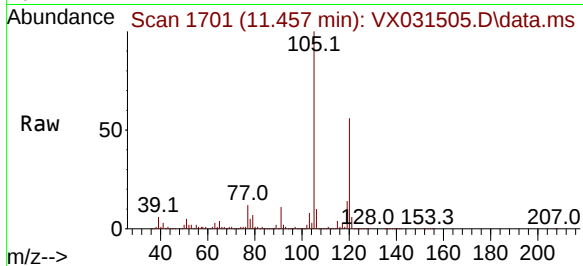




#80
1,3,5-Trimethylbenzene
Concen: 274.834 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

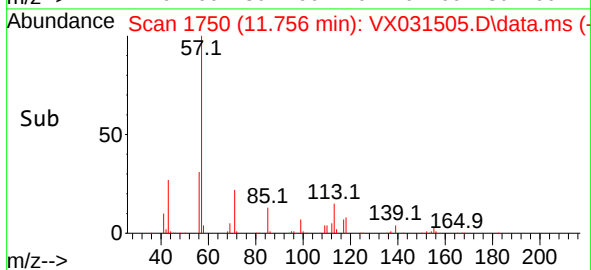
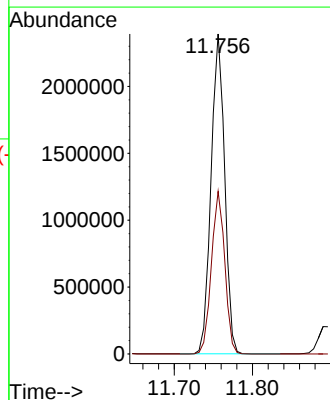
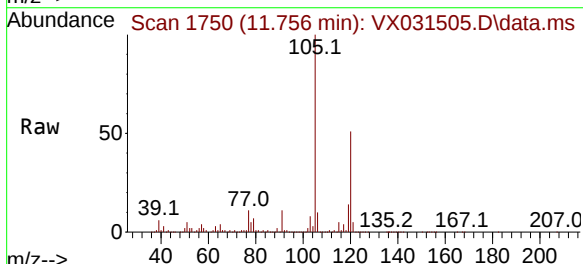
Instrument :
MSVOA_X
ClientSampleId :
D22021-6

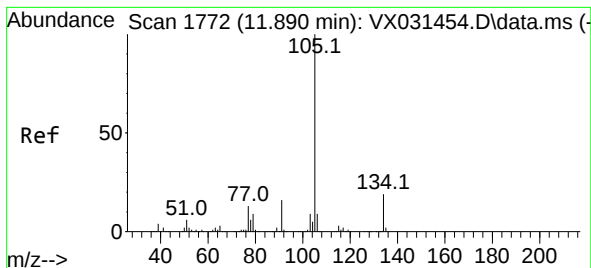
Tgt Ion:105 Resp: 3116098
Ion Ratio Lower Upper
105 100
120 53.9 24.5 73.5



#84
1,2,4-Trimethylbenzene
Concen: 256.906 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

Tgt Ion:105 Resp: 2868663
Ion Ratio Lower Upper
105 100
120 50.0 22.6 67.8





#85

sec-Butylbenzene

Concen: 19.060 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX031505.D

Acq: 20 Sep 2022 18:53

Instrument :

MSVOA_X

ClientSampleId :

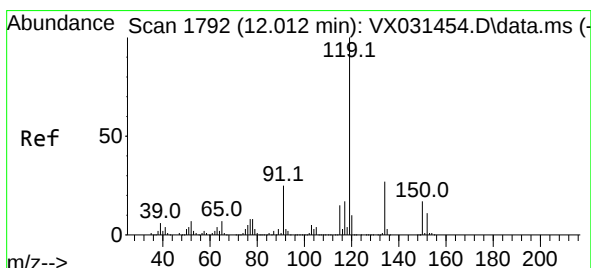
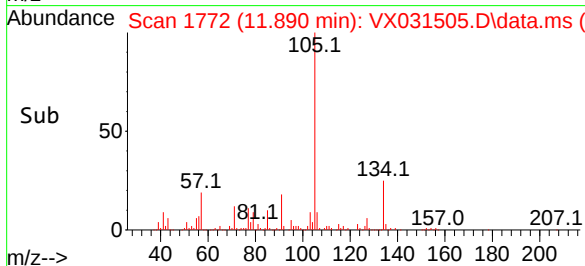
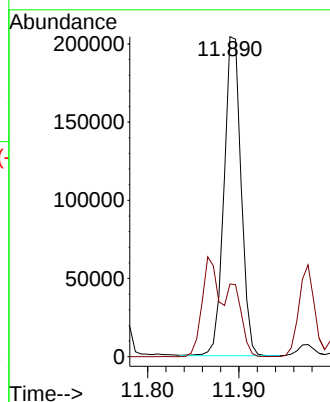
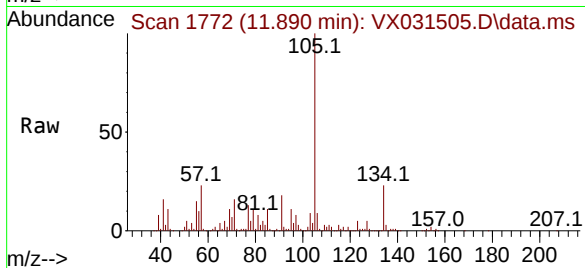
D22021-6

Tgt Ion:105 Resp: 265076

Ion Ratio Lower Upper

105 100

134 18.3 10.4 31.1



#86

p-Isopropyltoluene

Concen: 11.539 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VX031505.D

Acq: 20 Sep 2022 18:53

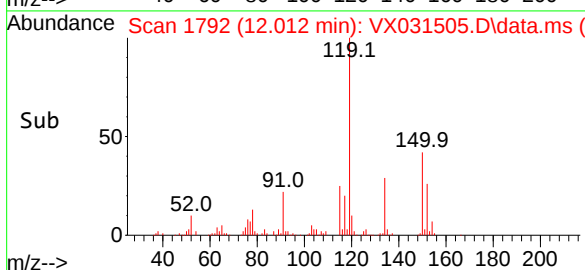
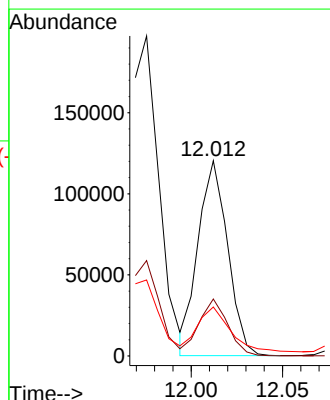
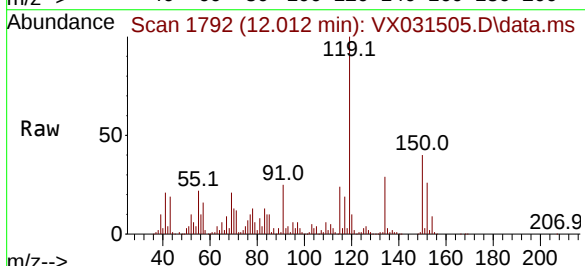
Tgt Ion:119 Resp: 135507

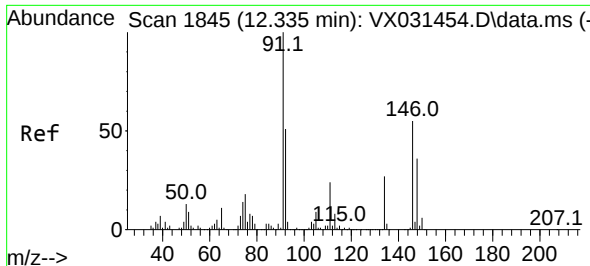
Ion Ratio Lower Upper

119 100

134 28.5 13.4 40.2

91 25.1 12.4 37.2

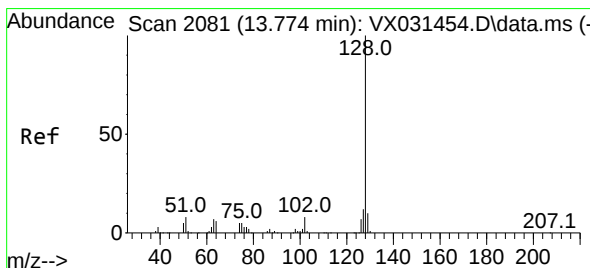
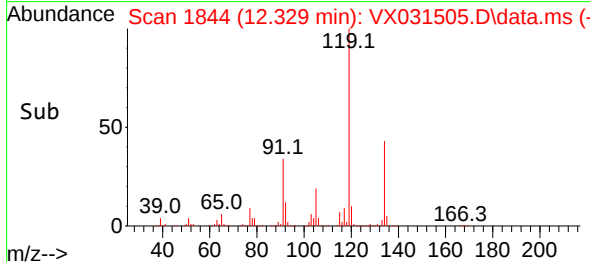
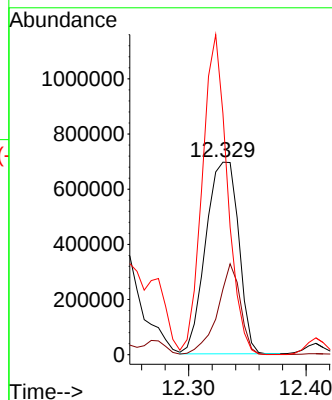
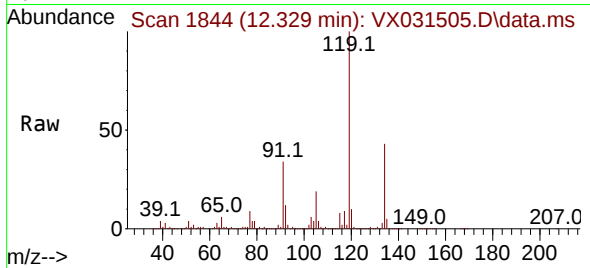




#89
n-Butylbenzene
Concen: 134.954 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

Instrument :
MSVOA_X
ClientSampleId :
D22021-6

Tgt Ion: 91 Resp: 1349995
Ion Ratio Lower Upper
91 100
92 33.2 27.0 81.0
134 127.3 13.3 39.9#



#95
Naphthalene
Concen: 220.229 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX031505.D
Acq: 20 Sep 2022 18:53

Tgt Ion:128 Resp: 2824569
Ion Ratio Lower Upper
128 100
127 13.6 10.4 15.6
129 12.5 8.8 13.2

