

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092022\
 Data File : VX031506.D
 Acq On : 20 Sep 2022 19:17
 Operator : JC/MD
 Sample : N4641-01
 Misc : 7.24G/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 D22005-3

Quant Time: Sep 21 04:55:40 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)

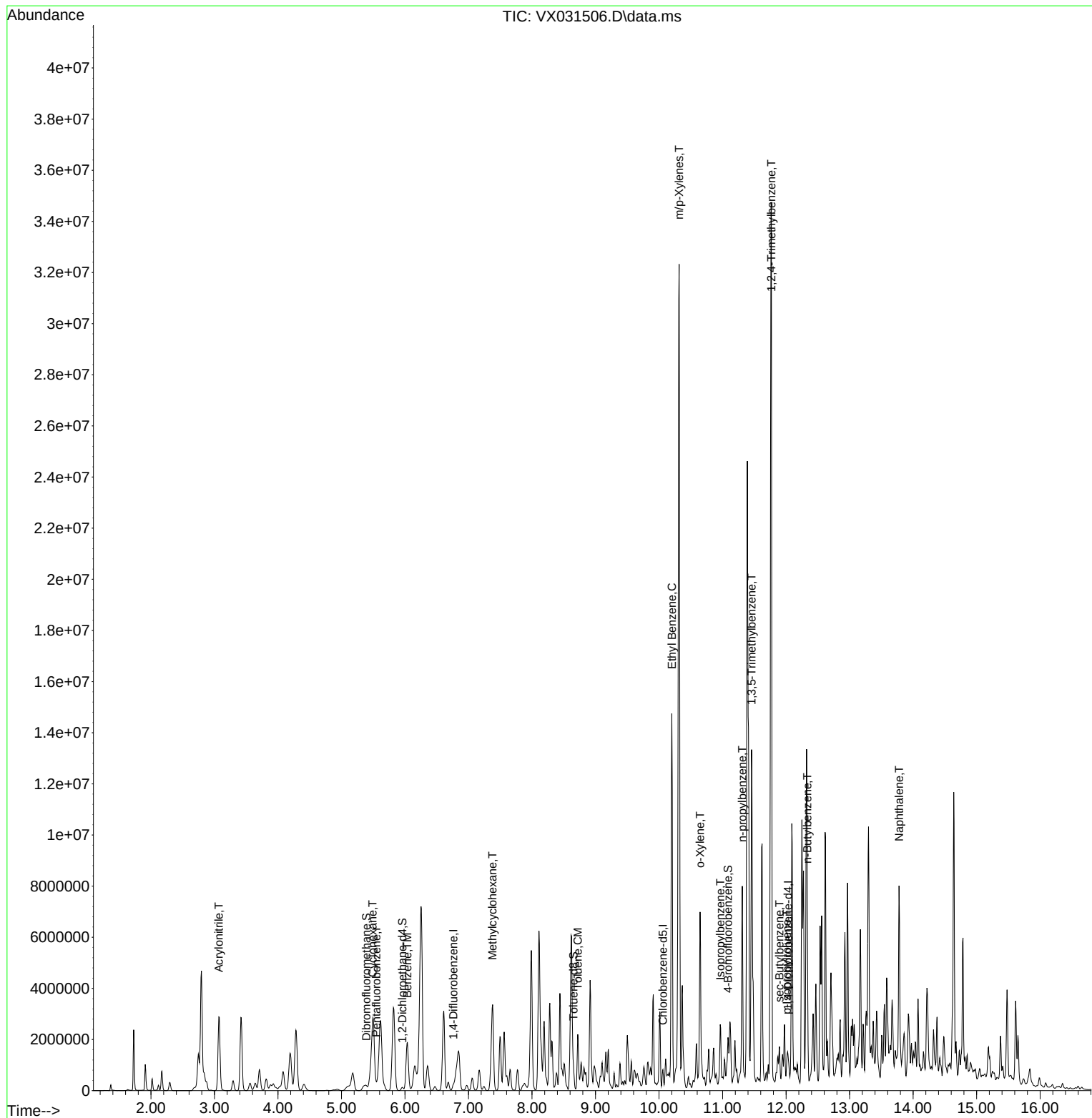
Internal Standards						
1) Pentafluorobenzene	5.550	168	159218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	229627	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	238146	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.030	152	182596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	123491	42.042	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.080%
35) Dibromofluoromethane	5.391	113	112440	47.336	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.680%
50) Toluene-d8	8.653	98	466349	50.975	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.960%
62) 4-Bromofluorobenzene	11.085	95	169983	54.853	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.700%
Target Compounds						
					Qvalue	
15) Acrylonitrile	3.069	53	73872	48.075	ug/l #	40
31) Cyclohexane	5.489	56	1092395	252.236	ug/l #	65
39) Methylcyclohexane	7.379	83	1621721	361.105	ug/l	89
40) Benzene	6.038	78	2430683	223.221	ug/l	99
52) Toluene	8.720	92	825645	116.258	ug/l	97
67) Ethyl Benzene	10.201	91	7774135	599.553	ug/l #	79
68) m/p-Xylenes	10.317	106	9232821	1771.839	ug/l #	66
69) o-Xylene	10.646	106	1636343	328.997	ug/l	86
73) Isopropylbenzene	10.963	105	1197882	87.850	ug/l	97
78) n-propylbenzene	11.311	91	4640966	295.840	ug/l	90
80) 1,3,5-Trimethylbenzene	11.457	105	5503330	475.580	ug/l	89
84) 1,2,4-Trimethylbenzene	11.768	105	13408234	1176.536	ug/l	70
85) sec-Butylbenzene	11.896	105	587409	41.385	ug/l	98
86) p-Isopropyltoluene	12.012	119	336316	28.060	ug/l	97
89) n-Butylbenzene	12.335	91	2023145	198.161	ug/l #	23
95) Naphthalene	13.780	128	4721570	360.701	ug/l	96

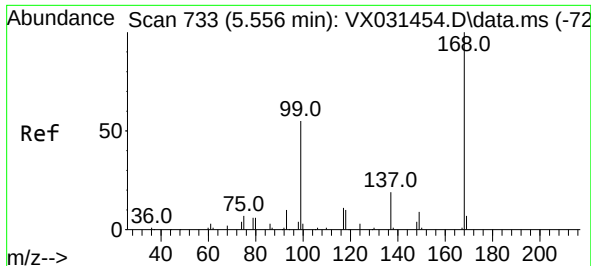
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260
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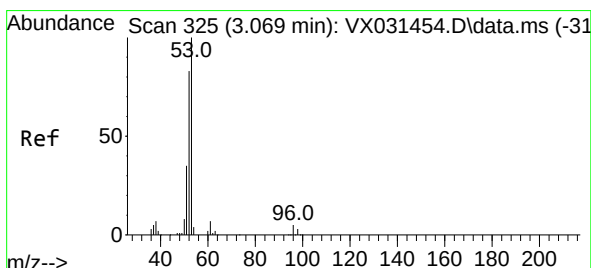
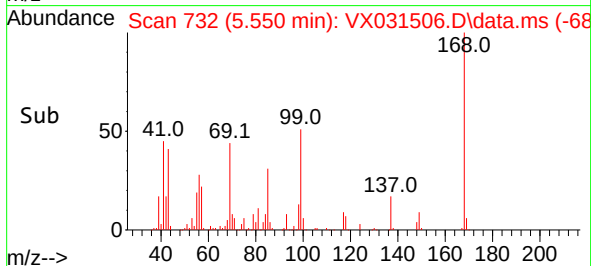
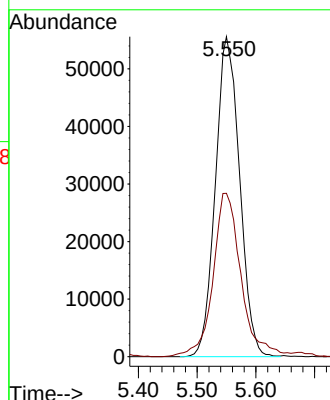
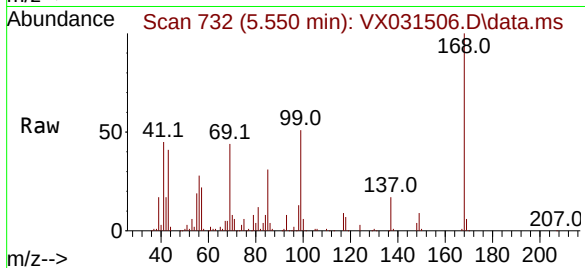




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031506.D
Acq: 20 Sep 2022 19:17

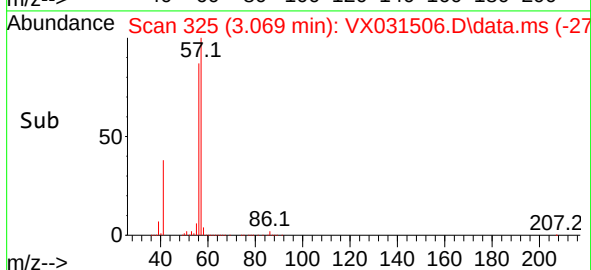
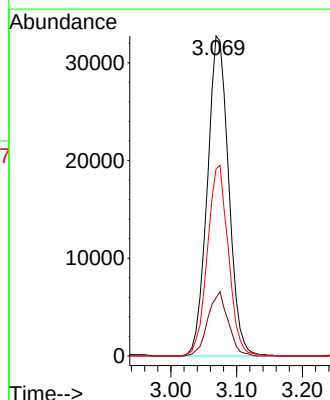
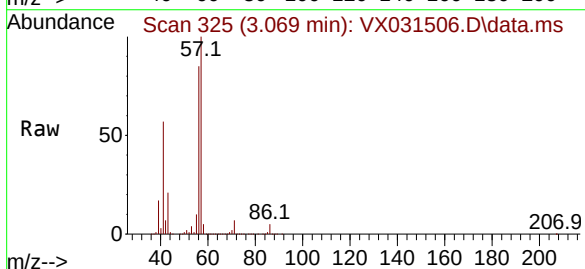
Instrument :
MSVOA_X
ClientSampleId :
D22005-3

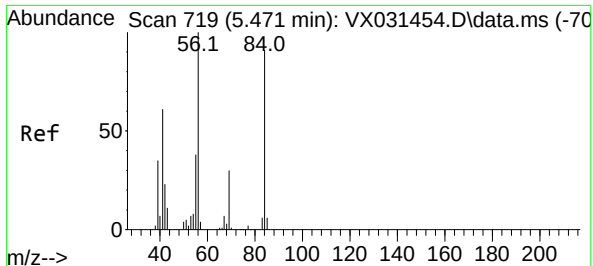
Tgt Ion:168 Resp: 159218
Ion Ratio Lower Upper
168 100
99 50.0 48.8 73.2



#15
Acrylonitrile
Concen: 48.075 ug/l
RT: 3.069 min Scan# 325
Delta R.T. -0.000 min
Lab File: VX031506.D
Acq: 20 Sep 2022 19:17

Tgt Ion: 53 Resp: 73872
Ion Ratio Lower Upper
53 100
52 19.2 66.9 100.3#
51 58.8 30.0 45.0#





#31
Cyclohexane
Concen: 252.236 ug/l
RT: 5.489 min Scan# 719
Delta R.T. 0.018 min
Lab File: VX031506.D
Acq: 20 Sep 2022 19:17

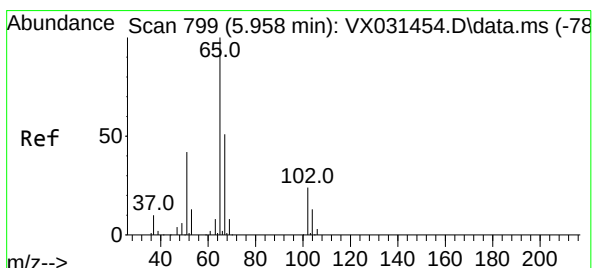
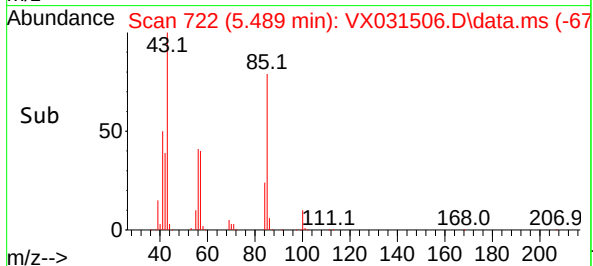
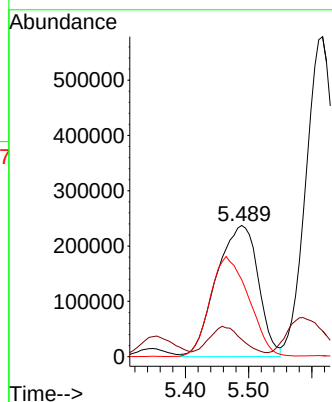
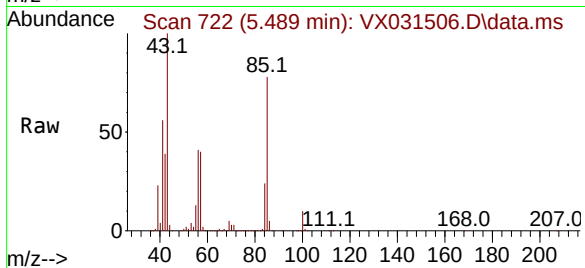
Instrument :

MSVOA_X

ClientSampleId :

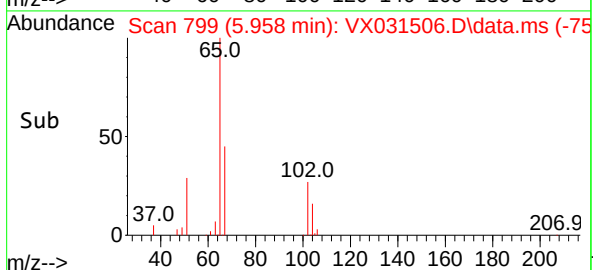
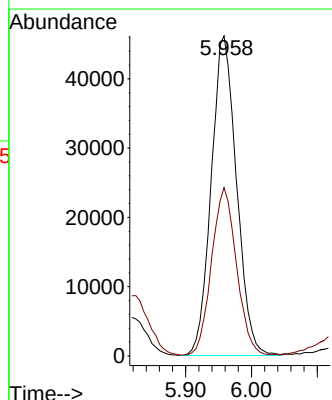
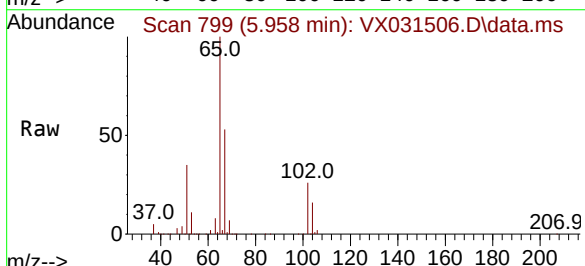
D22005-3

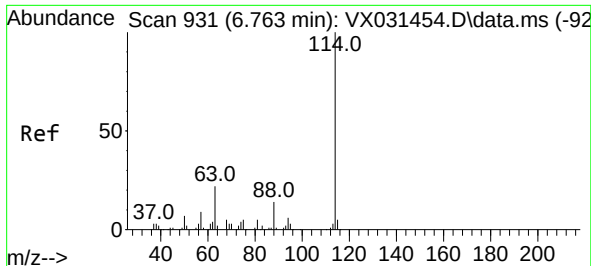
Tgt Ion: 56 Resp: 1092395
Ion Ratio Lower Upper
56 100
69 6.0 25.1 37.7#
84 59.4 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 42.042 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031506.D
Acq: 20 Sep 2022 19:17

Tgt Ion: 65 Resp: 123491
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.4

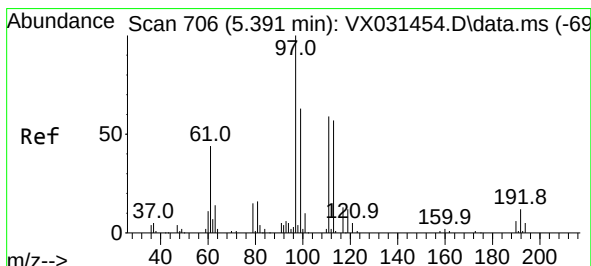
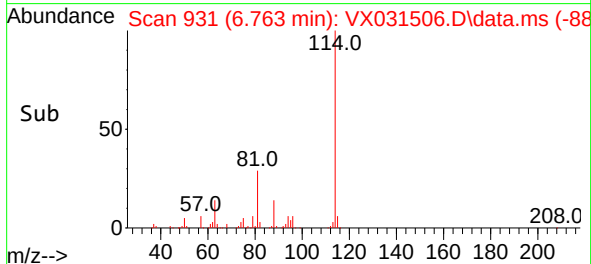
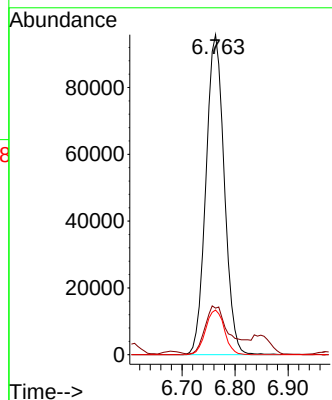
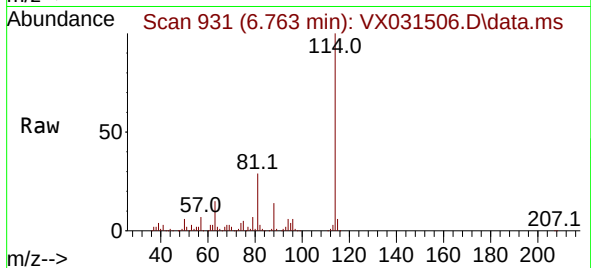




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX031506.D
 Acq: 20 Sep 2022 19:17

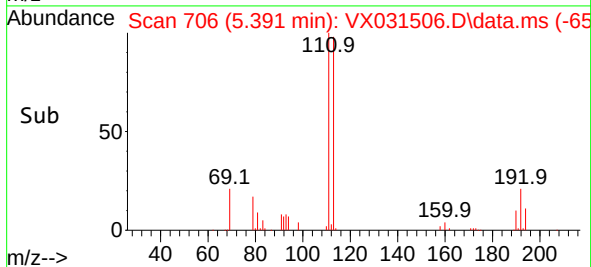
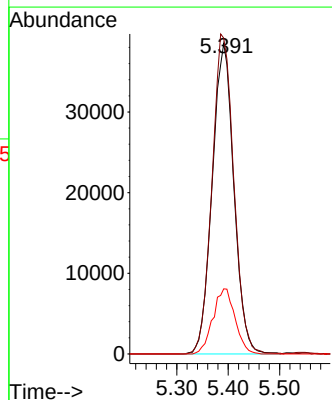
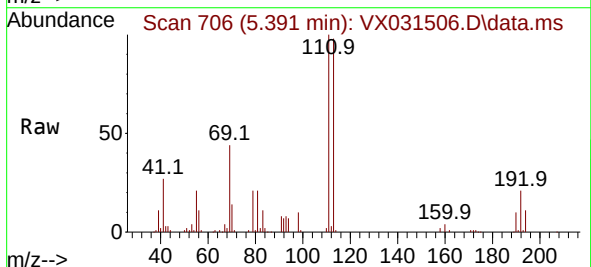
Instrument :
 MSVOA_X
 ClientSampleId :
 D22005-3

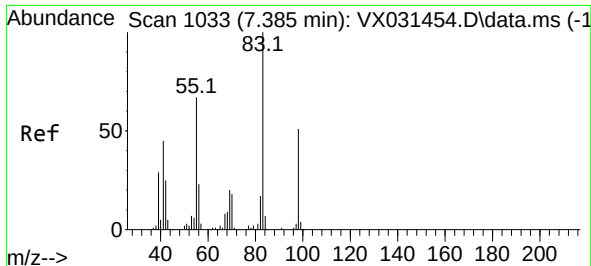
Tgt Ion:114 Resp: 229627
 Ion Ratio Lower Upper
 114 100
 63 14.0 0.0 42.6
 88 13.9 0.0 33.0



#35
 Dibromofluoromethane
 Concen: 47.336 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. 0.000 min
 Lab File: VX031506.D
 Acq: 20 Sep 2022 19:17

Tgt Ion:113 Resp: 112440
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.4 123.6
 192 21.4 14.1 21.1#





#39

Methylcyclohexane

Concen: 361.105 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX031506.D

Acq: 20 Sep 2022 19:17

Instrument :

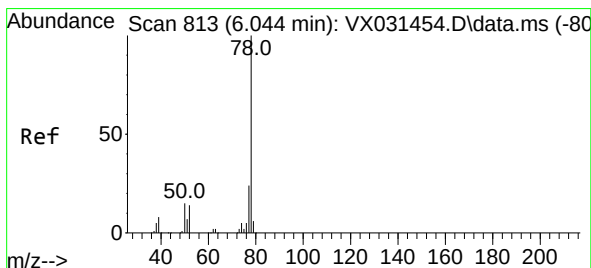
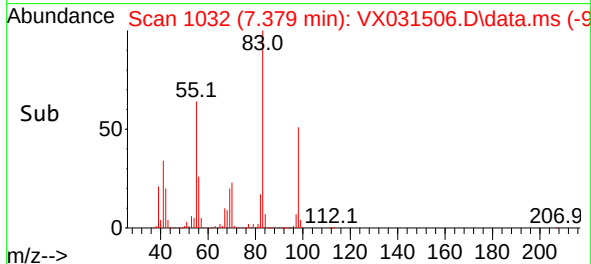
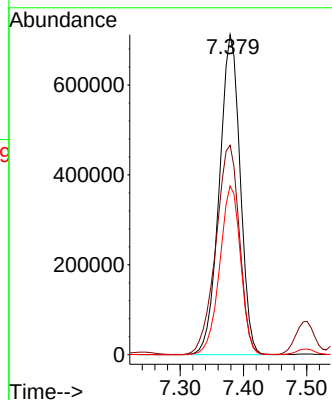
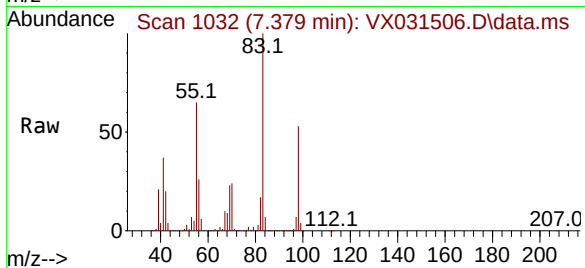
MSVOA_X

ClientSampleId :

D22005-3

Tgt Ion: 83 Resp: 1621721

Ion	Ratio	Lower	Upper
83	100		
55	65.4	61.0	91.4
98	52.7	37.7	56.5



#40

Benzene

Concen: 223.221 ug/l

RT: 6.038 min Scan# 812

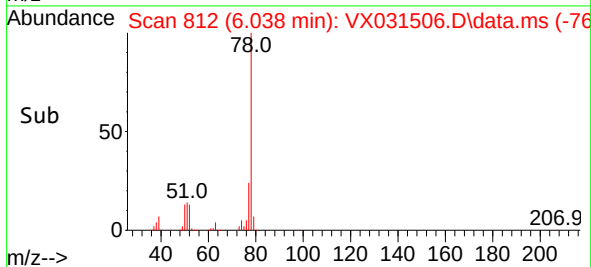
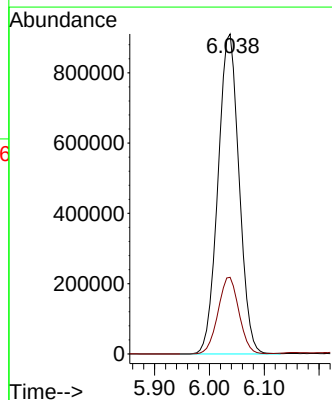
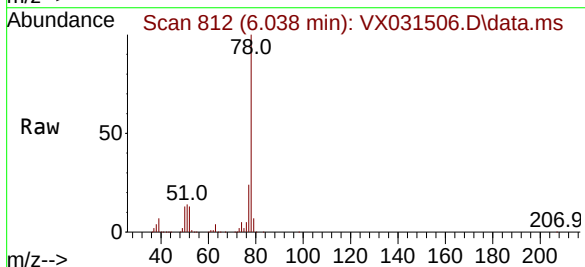
Delta R.T. -0.006 min

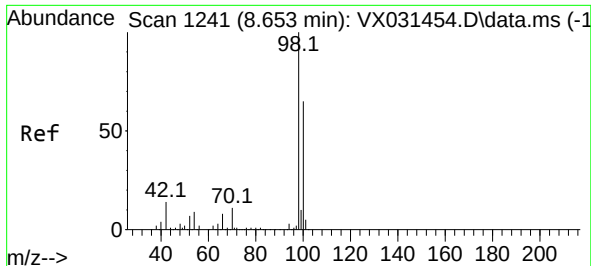
Lab File: VX031506.D

Acq: 20 Sep 2022 19:17

Tgt Ion: 78 Resp: 2430683

Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.7	28.1

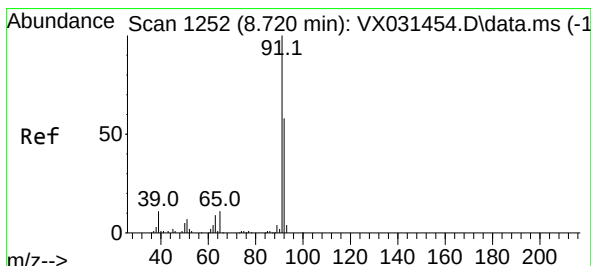
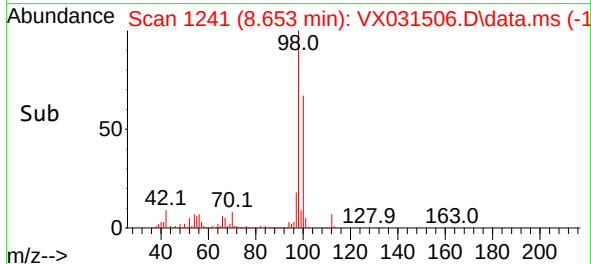
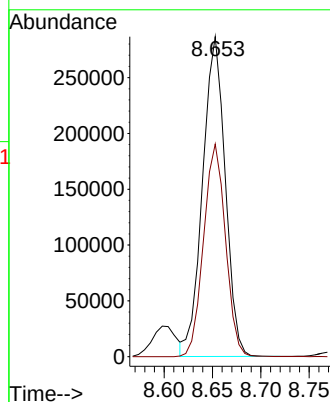
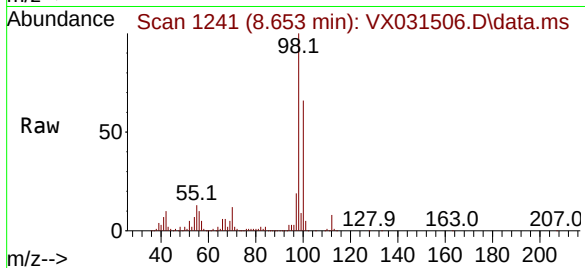




#50
Toluene-d8
Concen: 50.975 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031506.D
Acq: 20 Sep 2022 19:17

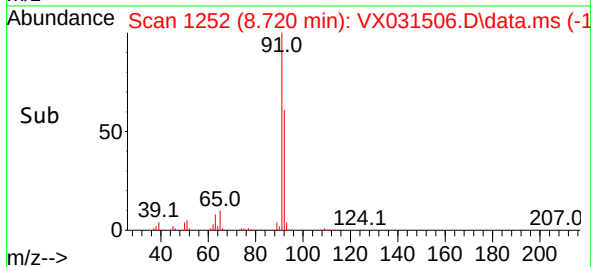
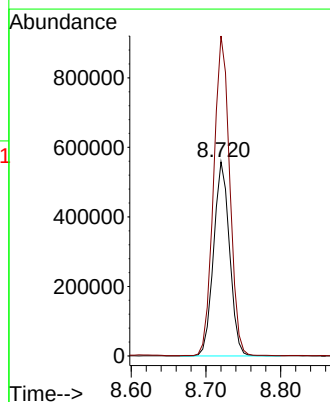
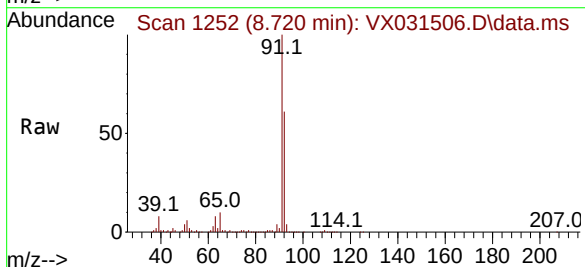
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MSVOA_X
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D22005-3

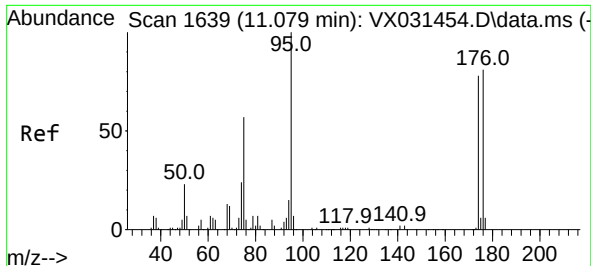
Tgt Ion: 98 Resp: 466349
Ion Ratio Lower Upper
98 100
100 64.5 52.5 78.7



#52
Toluene
Concen: 116.258 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX031506.D
Acq: 20 Sep 2022 19:17

Tgt Ion: 92 Resp: 825645
Ion Ratio Lower Upper
92 100
91 166.9 137.1 205.7

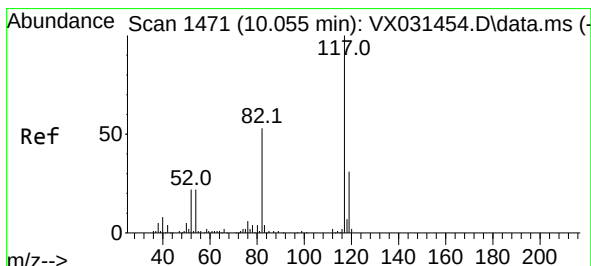
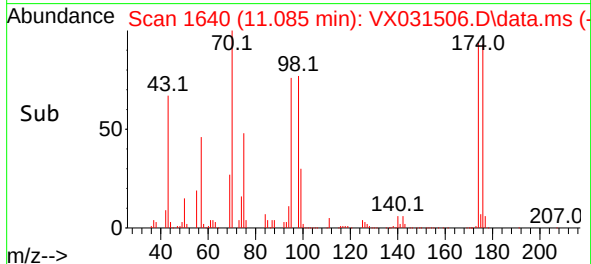
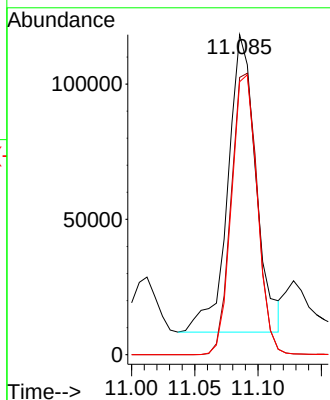
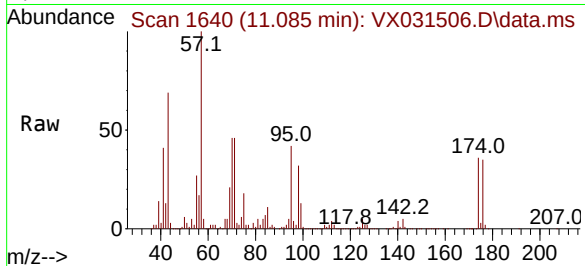




#62
4-Bromofluorobenzene
Concen: 54.853 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX031506.D
Acq: 20 Sep 2022 19:17

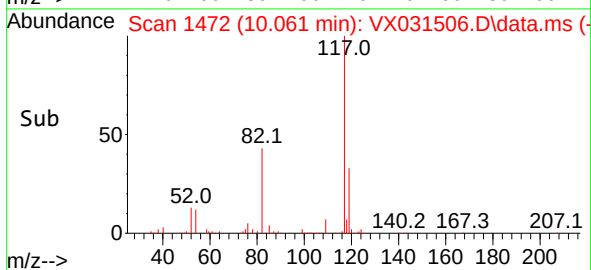
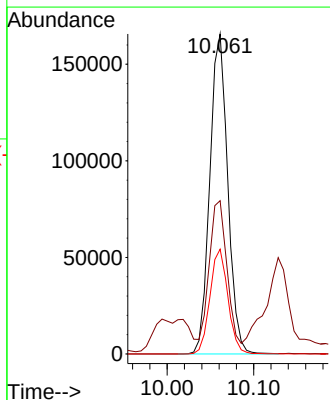
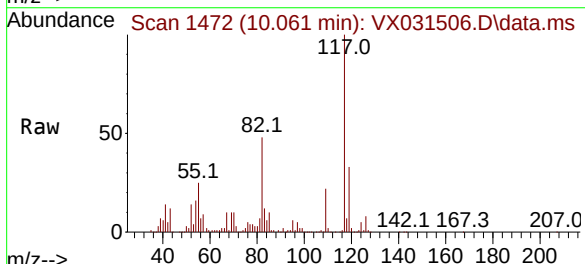
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ClientSampleId :
D22005-3

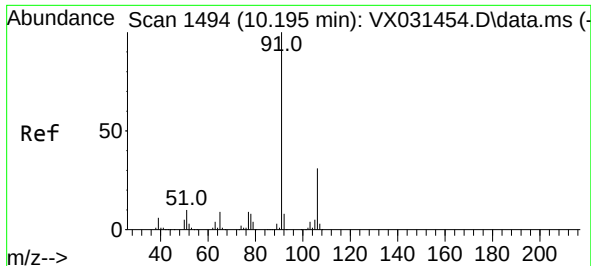
Tgt Ion: 95 Resp: 169983
Ion Ratio Lower Upper
95 100
174 88.9 0.0 153.2
176 86.3 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX031506.D
Acq: 20 Sep 2022 19:17

Tgt Ion: 117 Resp: 238146
Ion Ratio Lower Upper
117 100
82 37.2 46.8 70.2#
119 32.7 26.4 39.6





#67

Ethyl Benzene

Concen: 599.553 ug/l

RT: 10.201 min Scan# 1495

Delta R.T. 0.006 min

Lab File: VX031506.D

Acq: 20 Sep 2022 19:17

Instrument :

MSVOA_X

ClientSampleId :

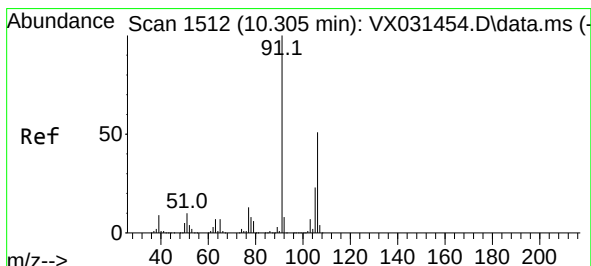
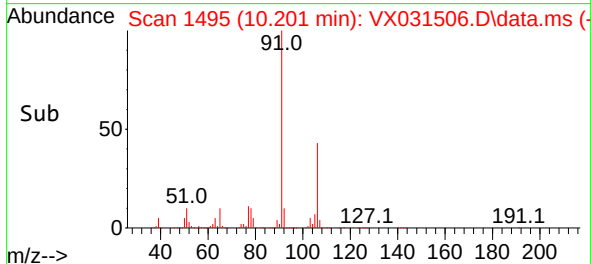
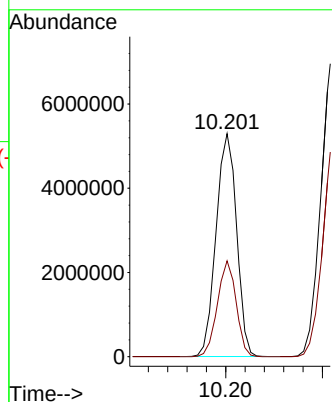
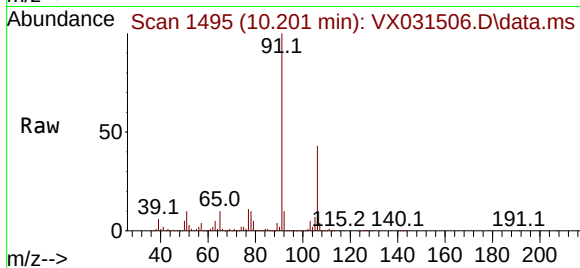
D22005-3

Tgt Ion: 91 Resp: 7774135

Ion Ratio Lower Upper

91 100

106 43.0 25.2 37.8#



#68

m/p-Xylenes

Concen: 1771.839 ug/l

RT: 10.317 min Scan# 1514

Delta R.T. 0.012 min

Lab File: VX031506.D

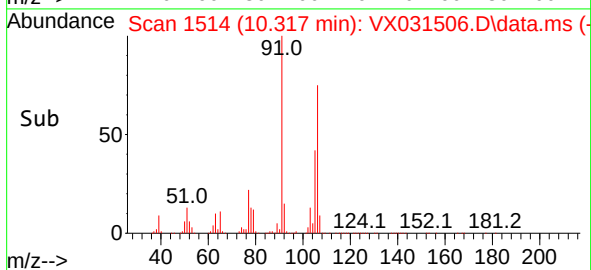
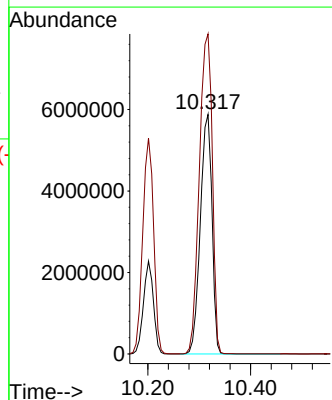
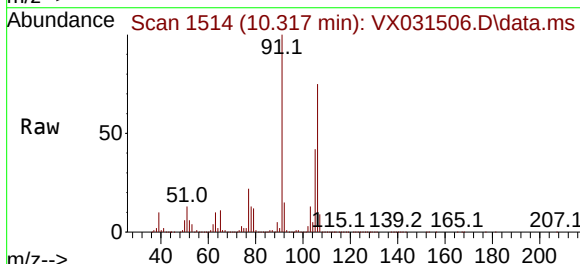
Acq: 20 Sep 2022 19:17

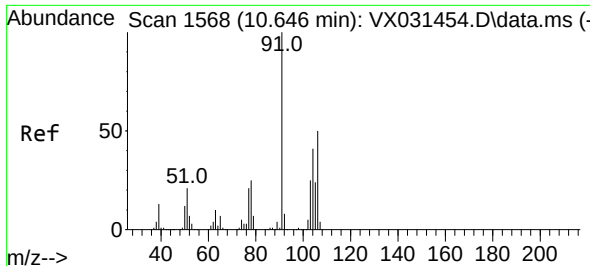
Tgt Ion:106 Resp: 9232821

Ion Ratio Lower Upper

106 100

91 148.8 161.0 241.4#

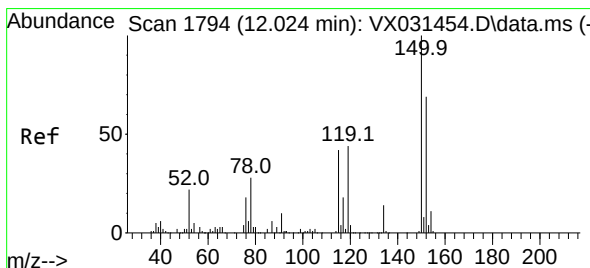
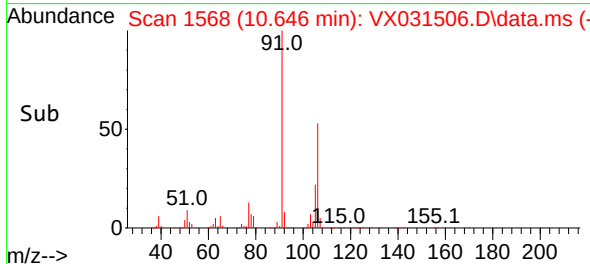
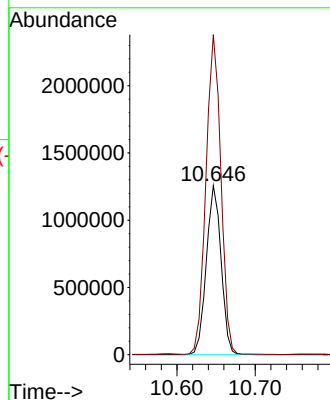
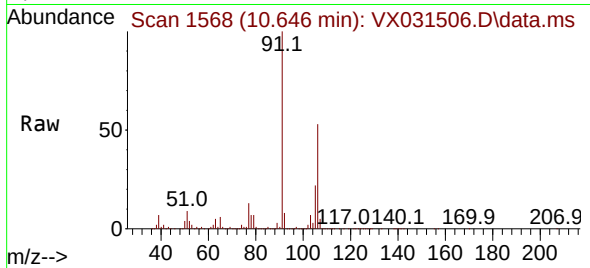




#69
o-Xylene
Concen: 328.997 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031506.D
Acq: 20 Sep 2022 19:17

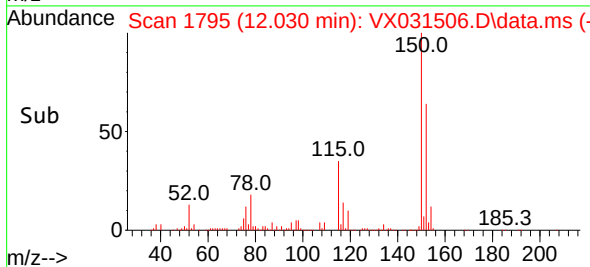
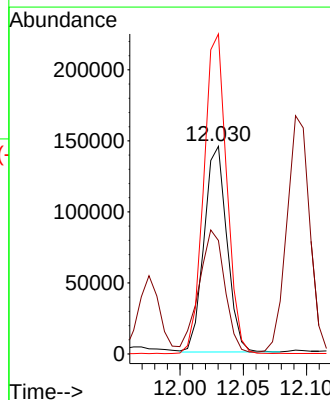
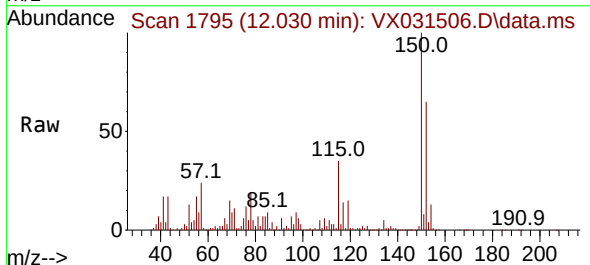
Instrument :
MSVOA_X
ClientSampleId :
D22005-3

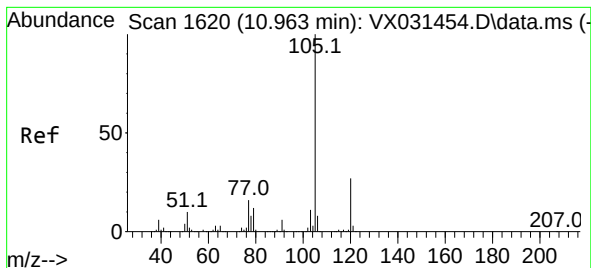
Tgt Ion:106 Resp: 1636343
Ion Ratio Lower Upper
106 100
91 192.3 107.2 321.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.030 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VX031506.D
Acq: 20 Sep 2022 19:17

Tgt Ion:152 Resp: 182596
Ion Ratio Lower Upper
152 100
115 66.0 43.4 130.1
150 155.8 0.0 346.8





#73

Isopropylbenzene

Concen: 87.850 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031506.D

Acq: 20 Sep 2022 19:17

Instrument :

MSVOA_X

ClientSampleId :

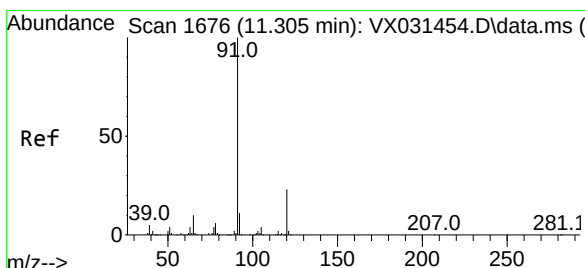
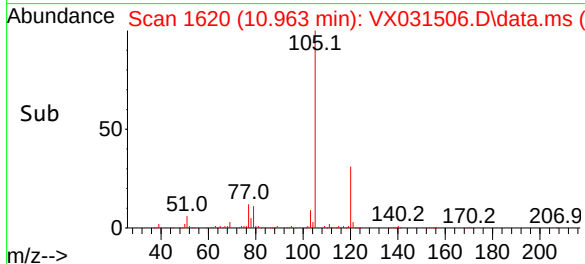
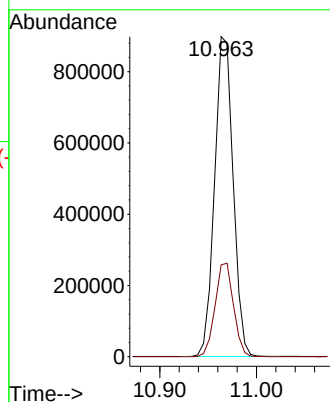
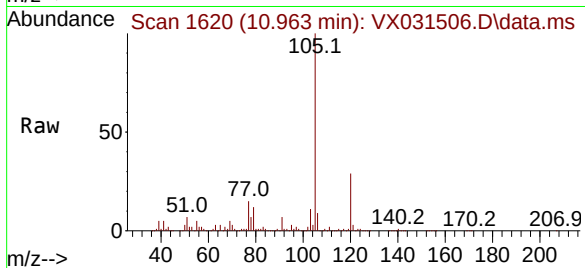
D22005-3

Tgt Ion:105 Resp: 1197882

Ion Ratio Lower Upper

105 100

120 29.0 13.7 41.0



#78

n-propylbenzene

Concen: 295.840 ug/l

RT: 11.311 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VX031506.D

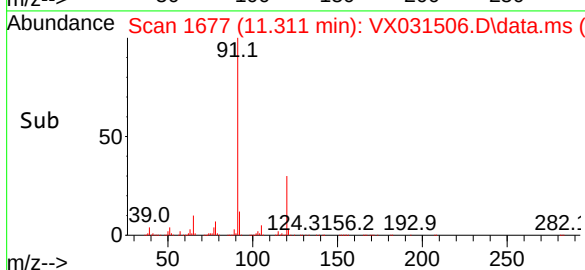
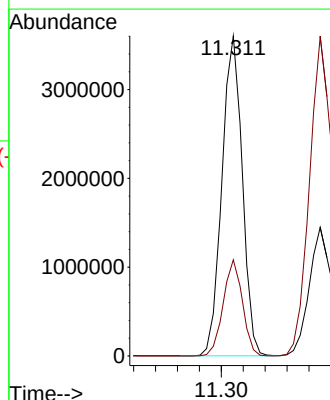
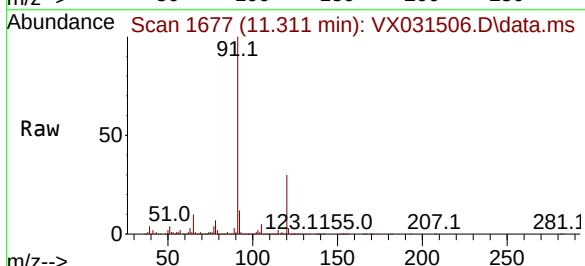
Acq: 20 Sep 2022 19:17

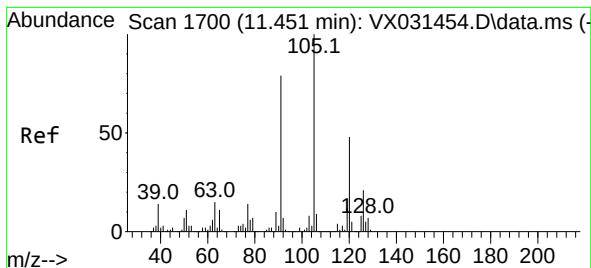
Tgt Ion: 91 Resp: 4640966

Ion Ratio Lower Upper

91 100

120 28.4 11.8 35.4





#80

1,3,5-Trimethylbenzene

Concen: 475.580 ug/l

RT: 11.457 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX031506.D

Acq: 20 Sep 2022 19:17

Instrument :

MSVOA_X

ClientSampleId :

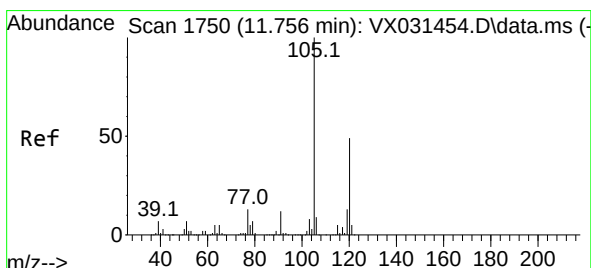
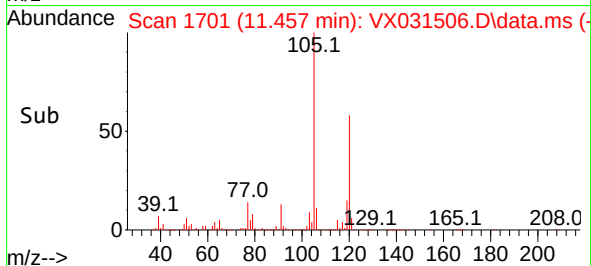
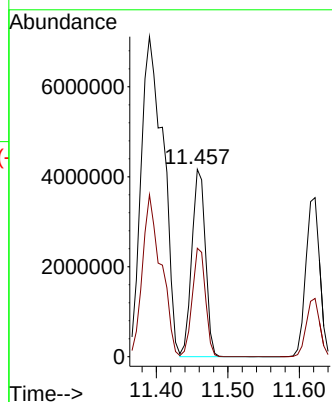
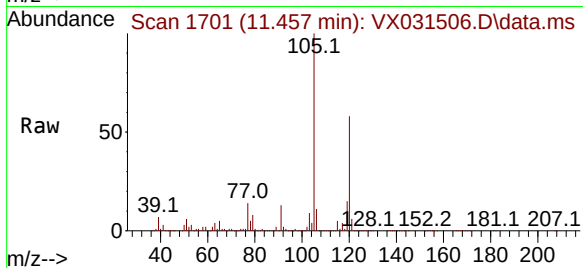
D22005-3

Tgt Ion:105 Resp: 5503330

Ion Ratio Lower Upper

105 100

120 56.2 24.5 73.5



#84

1,2,4-Trimethylbenzene

Concen: 1176.536 ug/l

RT: 11.768 min Scan# 1752

Delta R.T. 0.012 min

Lab File: VX031506.D

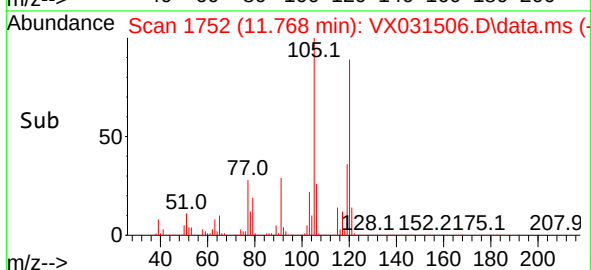
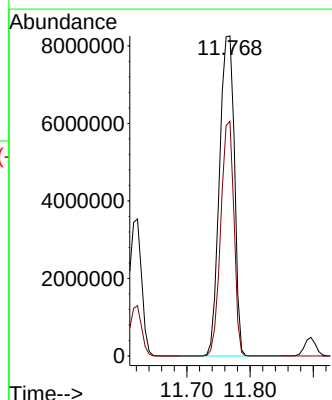
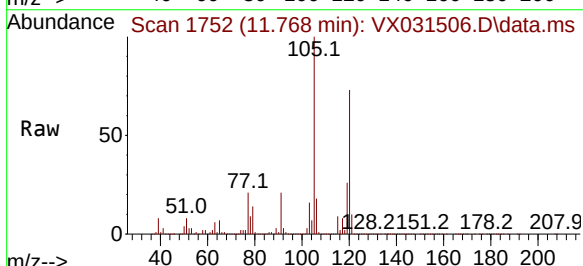
Acq: 20 Sep 2022 19:17

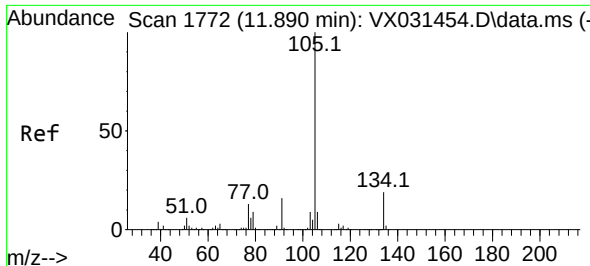
Tgt Ion:105 Resp:13408234

Ion Ratio Lower Upper

105 100

120 65.0 22.6 67.8

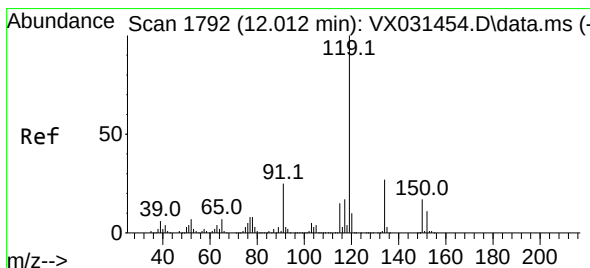
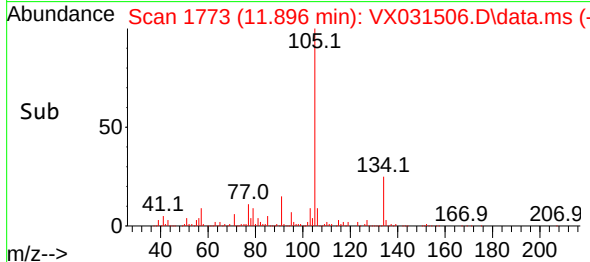
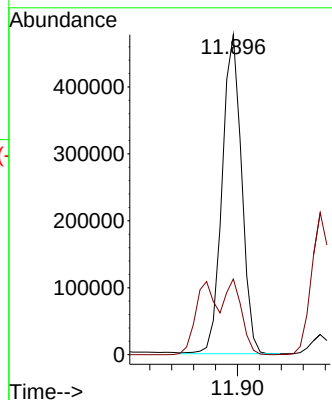
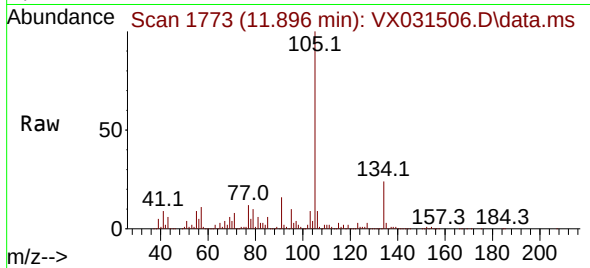




#85
 sec-Butylbenzene
 Concen: 41.385 ug/l
 RT: 11.896 min Scan# 1773
 Delta R.T. 0.006 min
 Lab File: VX031506.D
 Acq: 20 Sep 2022 19:17

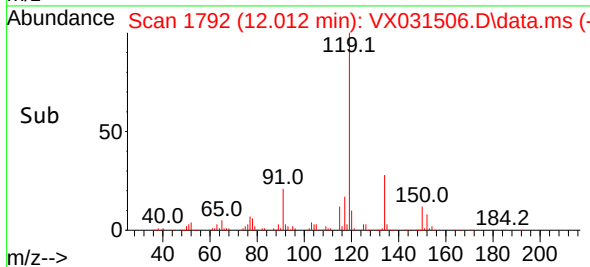
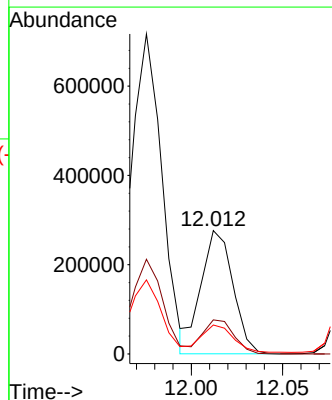
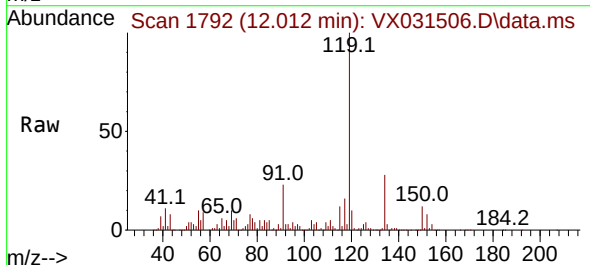
Instrument :
 MSVOA_X
 ClientSampleId :
 D22005-3

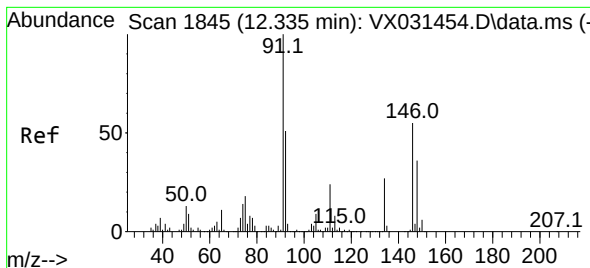
Tgt Ion:105 Resp: 587409
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 28.060 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX031506.D
 Acq: 20 Sep 2022 19:17

Tgt Ion:119 Resp: 336316
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.4 40.2
 91 22.4 12.4 37.2





#89

n-Butylbenzene

Concen: 198.161 ug/l

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031506.D

Acq: 20 Sep 2022 19:17

Instrument :

MSVOA_X

ClientSampleId :

D22005-3

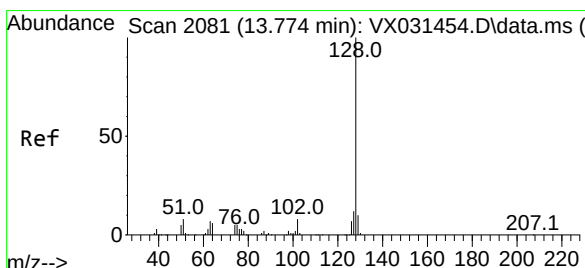
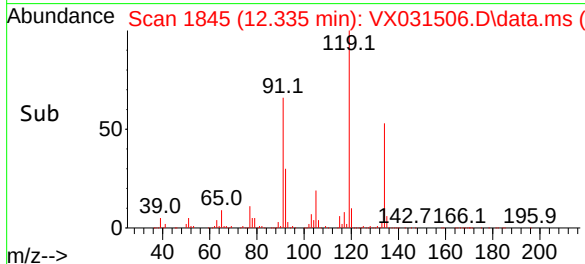
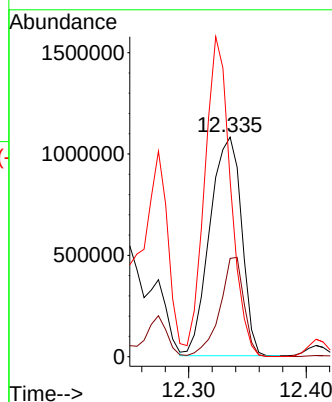
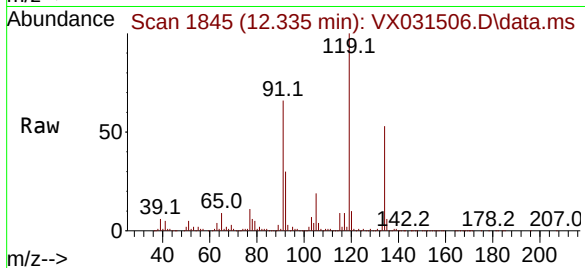
Tgt Ion: 91 Resp: 2023145

Ion Ratio Lower Upper

91 100

92 34.5 27.0 81.0

134 119.0 13.3 39.9#



#95

Naphthalene

Concen: 360.701 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX031506.D

Acq: 20 Sep 2022 19:17

Tgt Ion:128 Resp: 4721570

Ion Ratio Lower Upper

128 100

127 14.1 10.4 15.6

129 13.0 8.8 13.2

