

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060822\
 Data File : VX029329.D
 Acq On : 08 Jun 2022 18:20
 Operator : JC/MD
 Sample : N3209-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-14B-10-GR

Quant Time: Jun 09 07:01:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 03:00:38 2022
 Response via : Initial Calibration

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

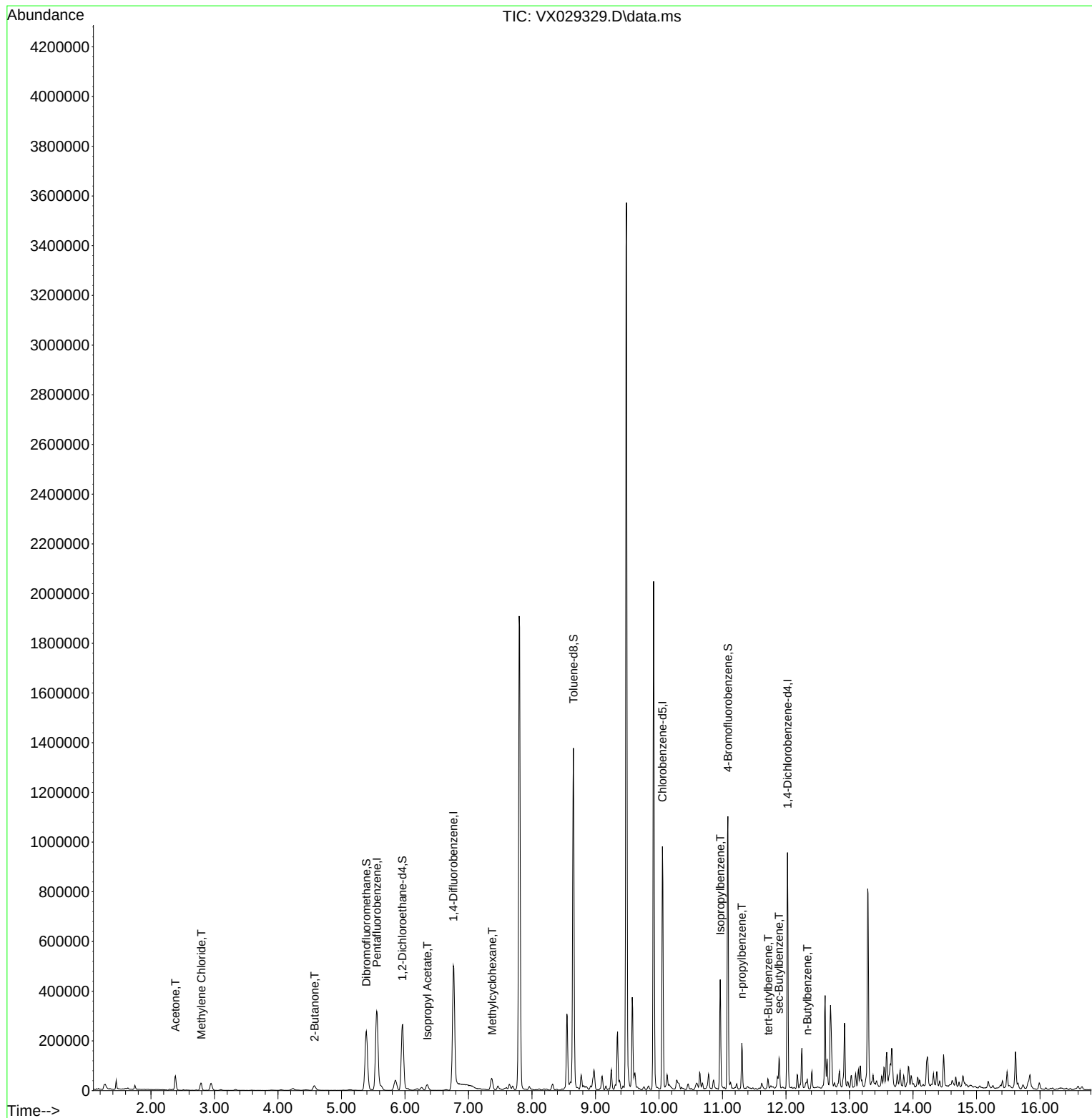
Internal Standards						
1) Pentafluorobenzene	5.556	168	298210	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	499988	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	435050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	188168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	259873	57.512	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 115.020%	
35) Dibromofluoromethane	5.391	113	211704	49.806	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 99.620%	
50) Toluene-d8	8.653	98	807561	53.718	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 107.440%	
62) 4-Bromofluorobenzene	11.085	95	310767	52.824	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 105.640%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	62259	25.808	ug/l	95
20) Methylene Chloride	2.794	84	9085	1.686	ug/l #	96
25) 2-Butanone	4.574	43	23720	6.216	ug/l	89
39) Methylcyclohexane	7.373	83	9738	1.126	ug/l #	28
43) Isopropyl Acetate	6.354	43	29083	2.671	ug/l	97
73) Isopropylbenzene	10.963	105	226152	15.267	ug/l	98
78) n-propylbenzene	11.305	91	113940	6.778	ug/l	97
83) tert-Butylbenzene	11.719	119	14751	1.209	ug/l	73
85) sec-Butylbenzene	11.890	105	63793	4.257	ug/l	86
89) n-Butylbenzene	12.335	91	13695	1.293	ug/l	93

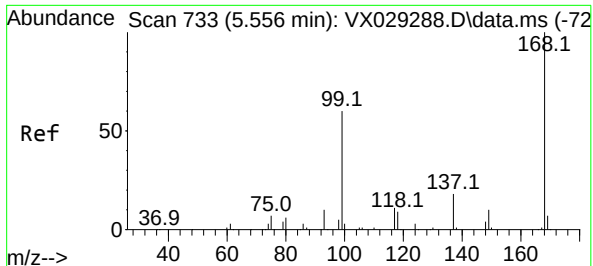
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 08 03:00:38 2022
Response via : Initial Calibration

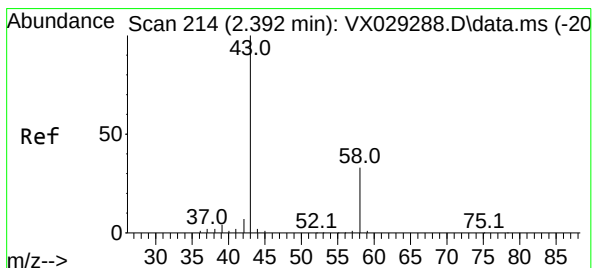
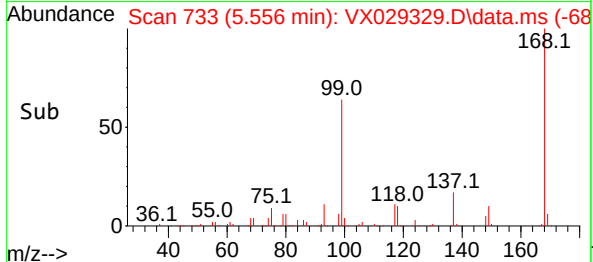
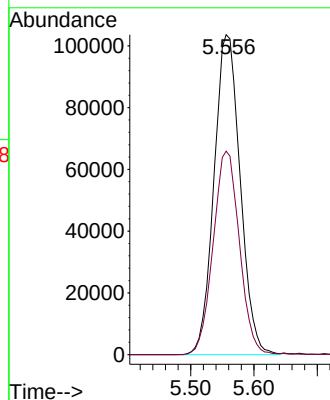
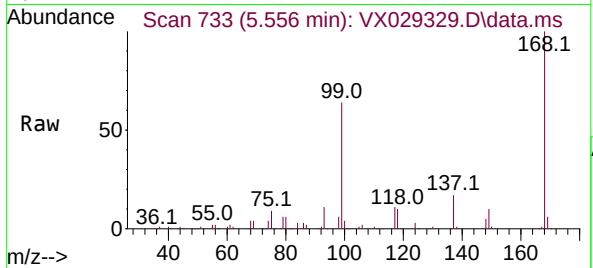




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX029329.D
Acq: 08 Jun 2022 18:20

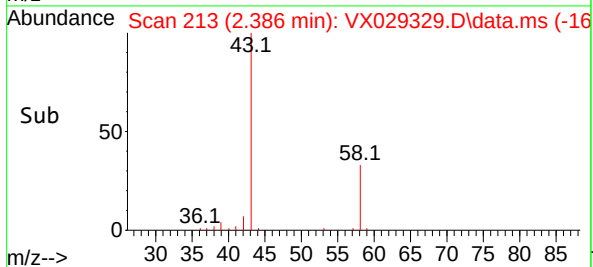
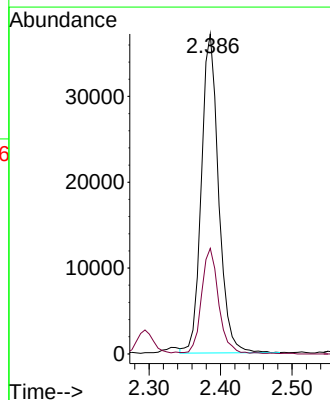
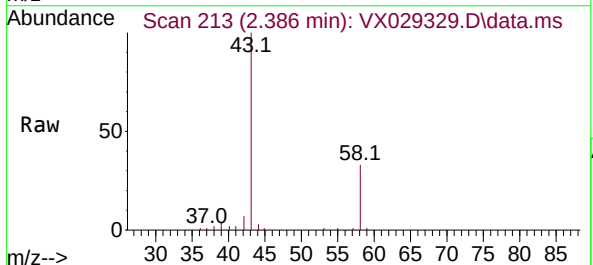
Instrument :
MSVOA_X
ClientSampleId :
WC-14B-10-GR

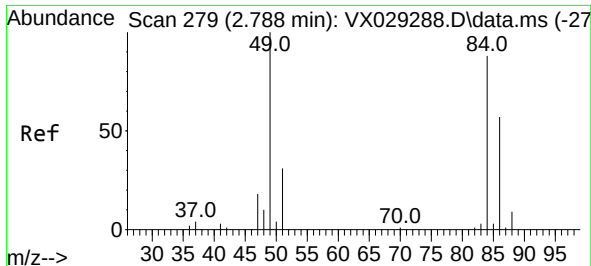
Tgt Ion:168 Resp: 298210
Ion Ratio Lower Upper
168 100
99 63.5 41.7 62.5#



#16
Acetone
Concen: 25.808 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX029329.D
Acq: 08 Jun 2022 18:20

Tgt Ion: 43 Resp: 62259
Ion Ratio Lower Upper
43 100
58 33.0 28.8 43.2





#20

Methylene Chloride

Concen: 1.686 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX029329.D

Acq: 08 Jun 2022 18:20

Instrument :

MSVOA_X

ClientSampleId :

WC-14B-10-GR

Tgt Ion: 84 Resp: 9085

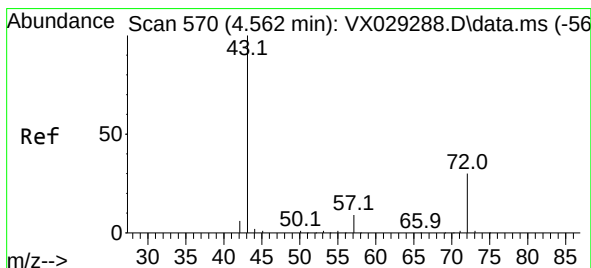
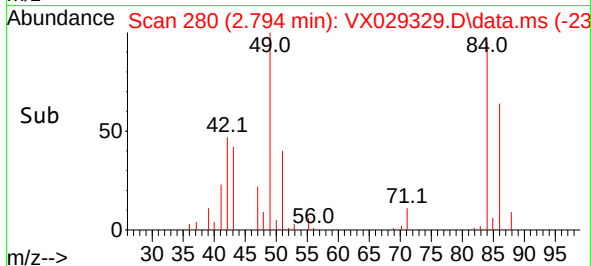
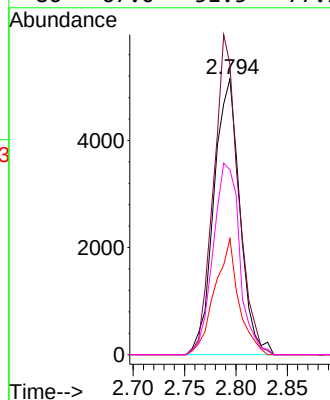
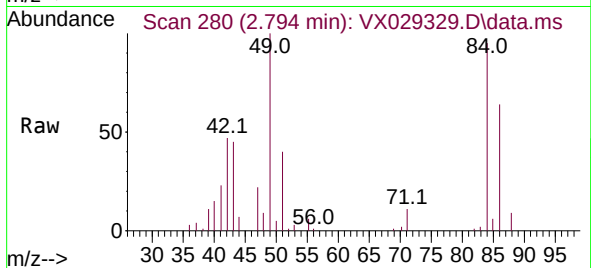
Ion Ratio Lower Upper

84 100

49 105.2 85.5 128.3

51 42.0 26.6 39.8#

86 67.0 51.5 77.3



#25

2-Butanone

Concen: 6.216 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.012 min

Lab File: VX029329.D

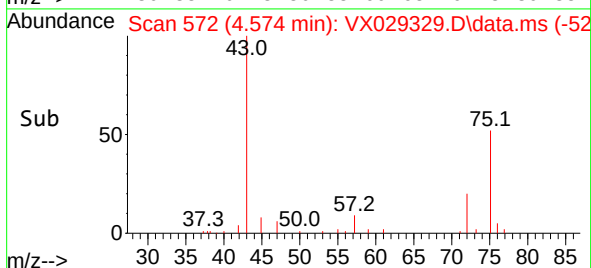
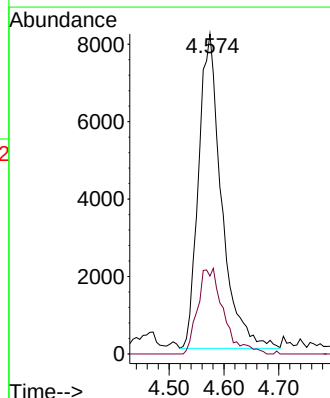
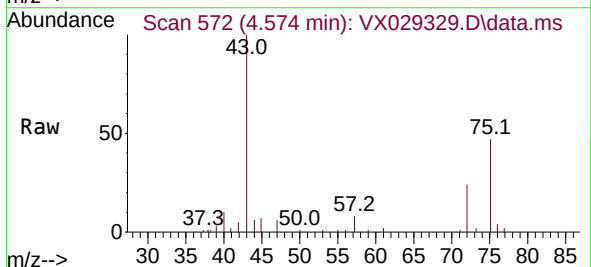
Acq: 08 Jun 2022 18:20

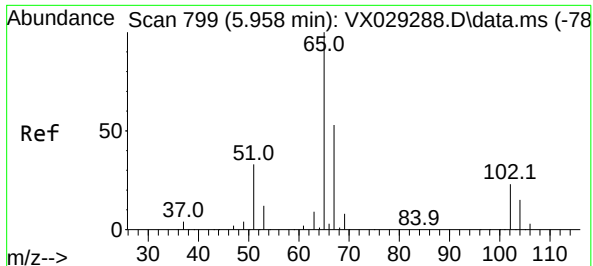
Tgt Ion: 43 Resp: 23720

Ion Ratio Lower Upper

43 100

72 24.7 24.4 36.6





#33

1,2-Dichloroethane-d4

Concen: 57.512 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029329.D

Acq: 08 Jun 2022 18:20

Instrument :

MSVOA_X

ClientSampleId :

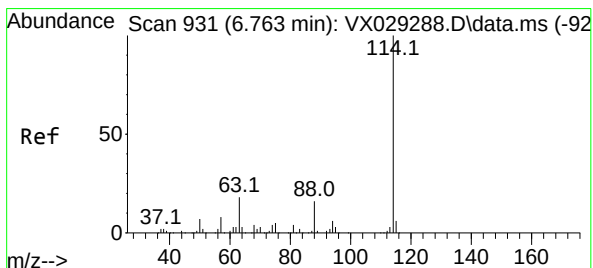
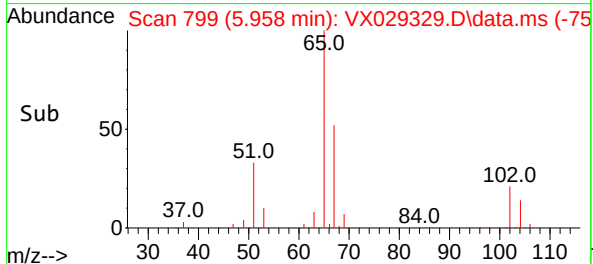
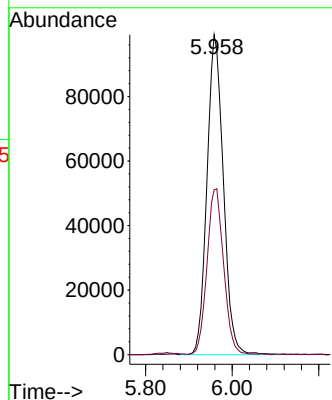
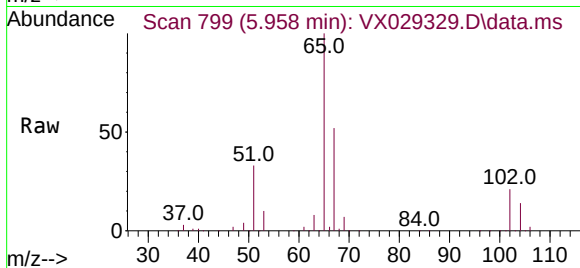
WC-14B-10-GR

Tgt Ion: 65 Resp: 259873

Ion Ratio Lower Upper

65 100

67 52.6 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029329.D

Acq: 08 Jun 2022 18:20

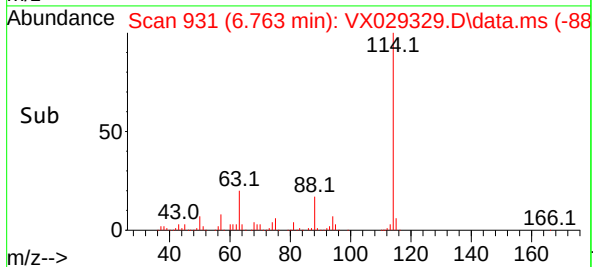
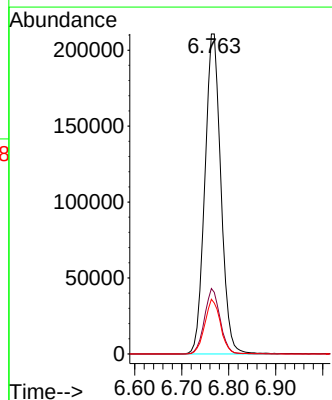
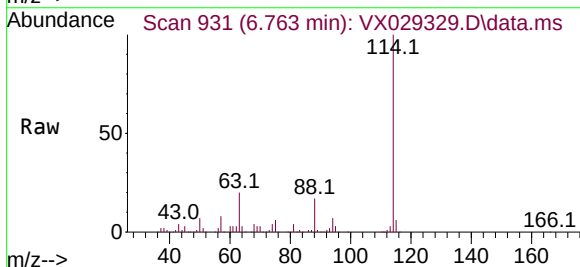
Tgt Ion: 114 Resp: 499988

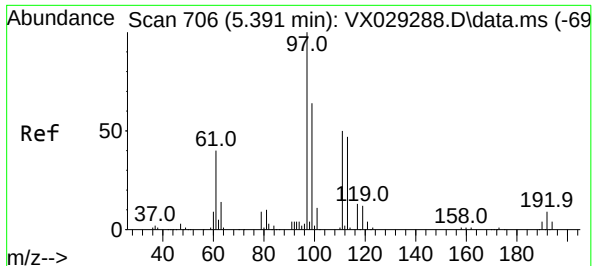
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.8

88 17.1 0.0 32.4





#35

Dibromofluoromethane

Concen: 49.806 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX029329.D

Acq: 08 Jun 2022 18:20

Instrument :

MSVOA_X

ClientSampleId :

WC-14B-10-GR

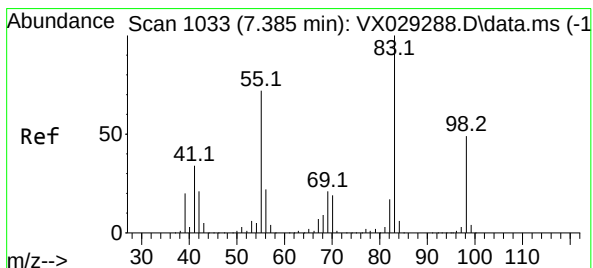
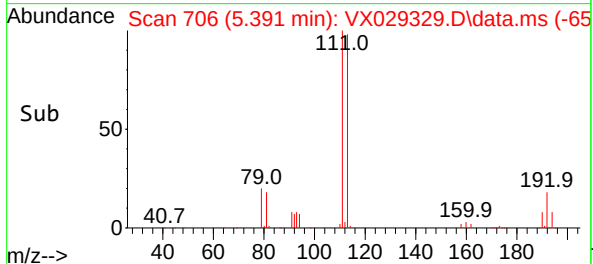
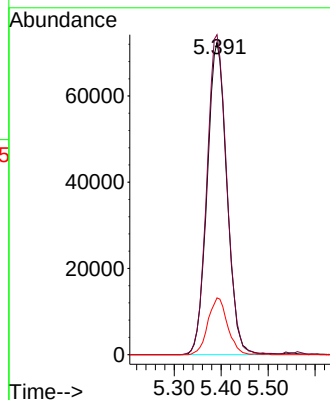
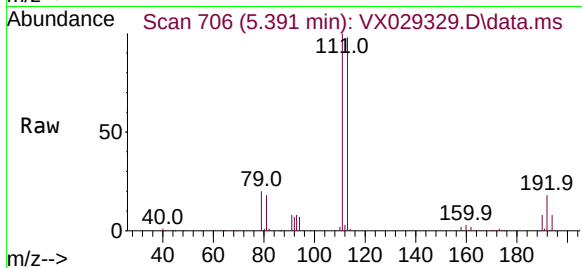
Tgt Ion:113 Resp: 211704

Ion Ratio Lower Upper

113 100

111 103.1 82.8 124.2

192 18.0 16.9 25.3



#39

Methylcyclohexane

Concen: 1.126 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.012 min

Lab File: VX029329.D

Acq: 08 Jun 2022 18:20

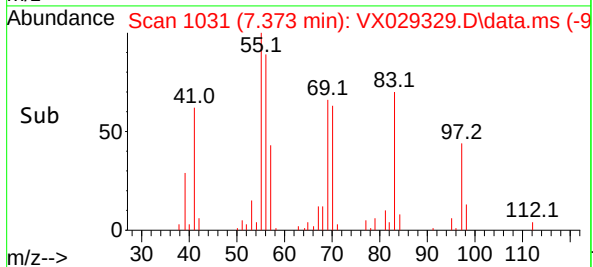
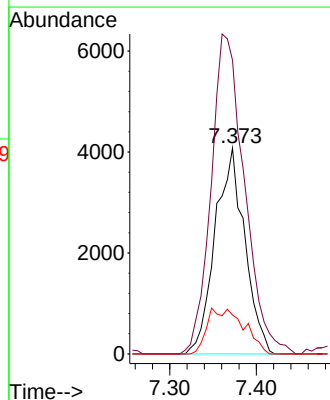
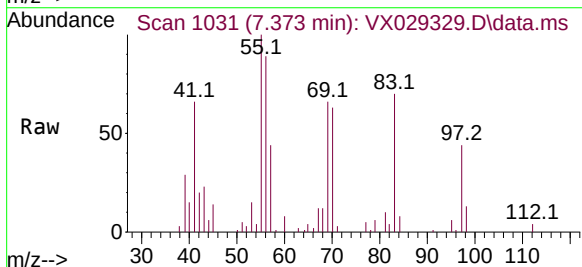
Tgt Ion: 83 Resp: 9738

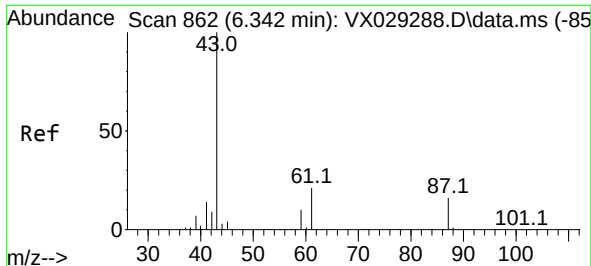
Ion Ratio Lower Upper

83 100

55 142.7 54.6 81.8#

98 18.9 37.4 56.2#

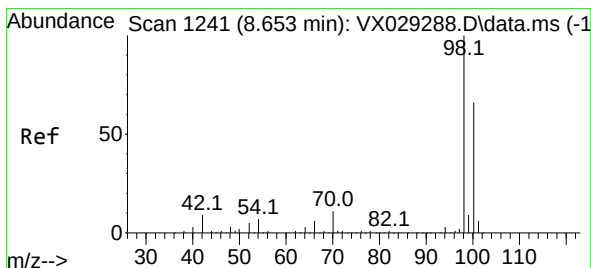
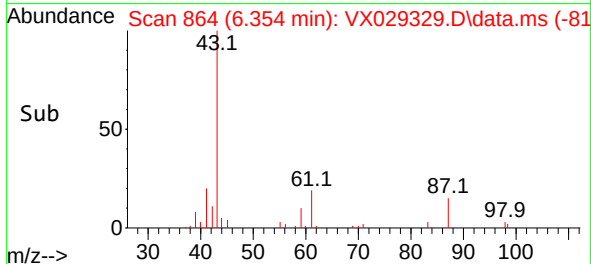
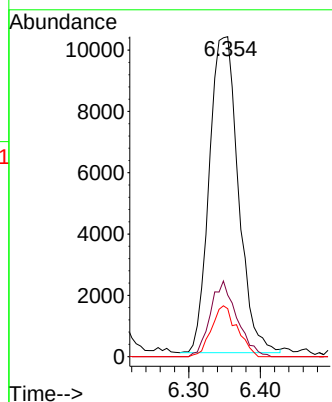
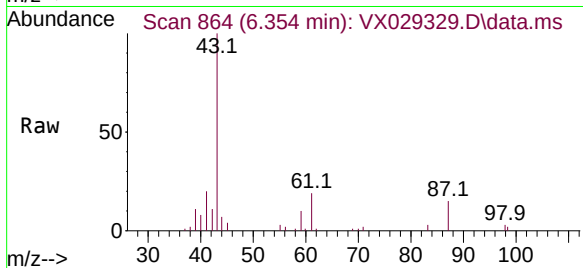




#43
Isopropyl Acetate
Concen: 2.671 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.012 min
Lab File: VX029329.D
Acq: 08 Jun 2022 18:20

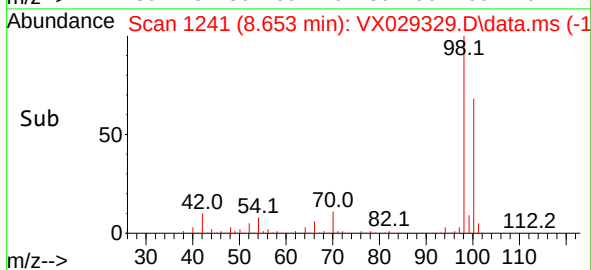
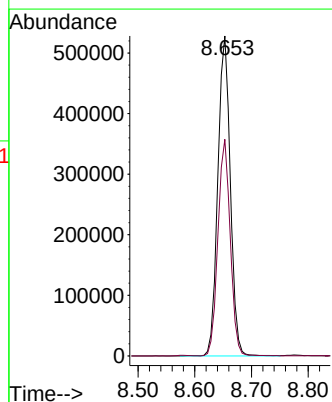
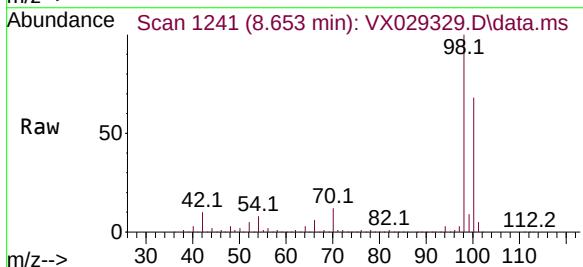
Instrument :
MSVOA_X
ClientSampleId :
WC-14B-10-GR

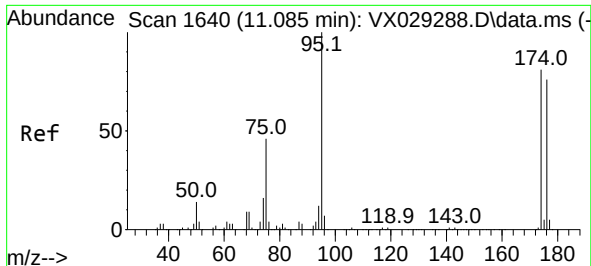
Tgt Ion: 43 Resp: 29083
Ion Ratio Lower Upper
43 100
61 21.9 18.5 27.7
87 14.3 13.0 19.6



#50
Toluene-d8
Concen: 53.718 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029329.D
Acq: 08 Jun 2022 18:20

Tgt Ion: 98 Resp: 807561
Ion Ratio Lower Upper
98 100
100 66.9 52.6 78.8

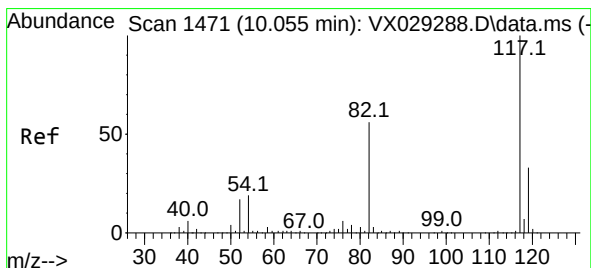
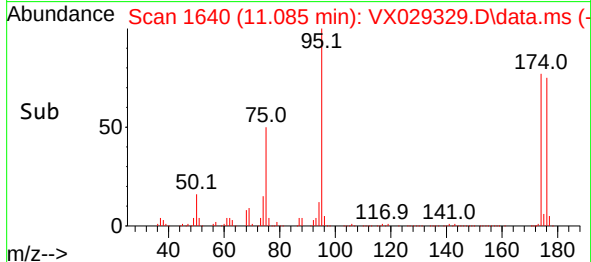
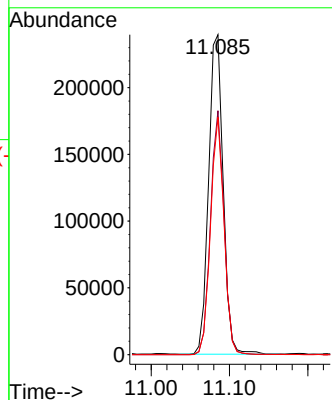
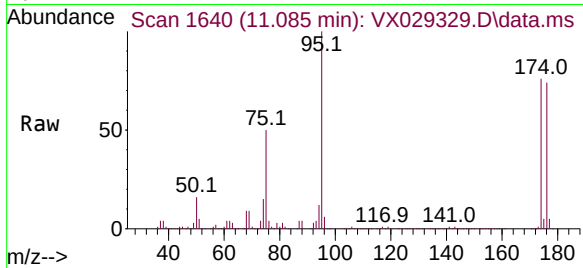




#62
4-Bromofluorobenzene
Concen: 52.824 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX029329.D
Acq: 08 Jun 2022 18:20

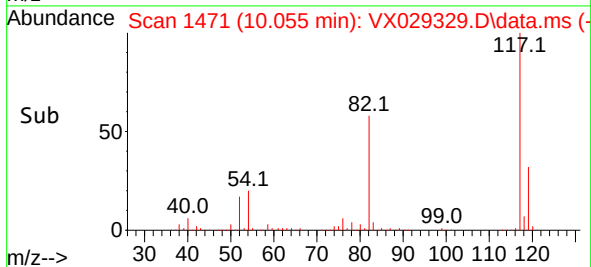
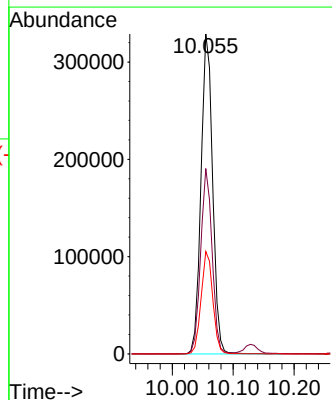
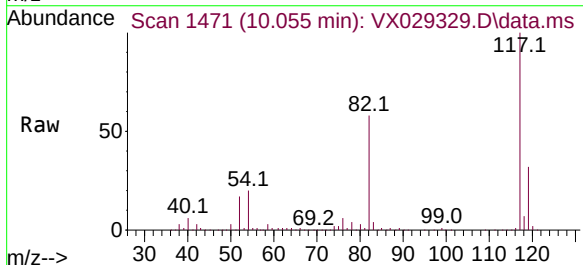
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ClientSampleId :
WC-14B-10-GR

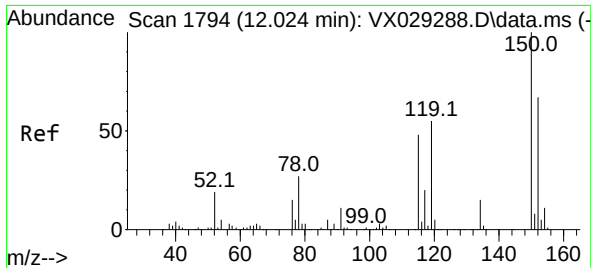
Tgt Ion: 95 Resp: 310767
Ion Ratio Lower Upper
95 100
174 71.0 0.0 163.0
176 68.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029329.D
Acq: 08 Jun 2022 18:20

Tgt Ion: 117 Resp: 435050
Ion Ratio Lower Upper
117 100
82 57.9 41.8 62.8
119 32.0 24.8 37.2

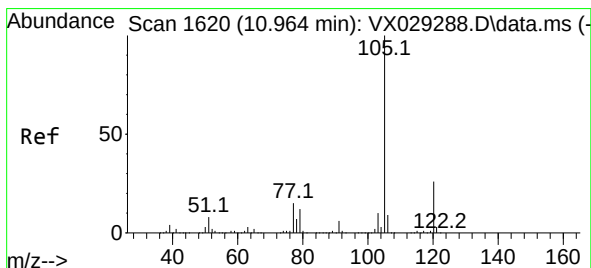
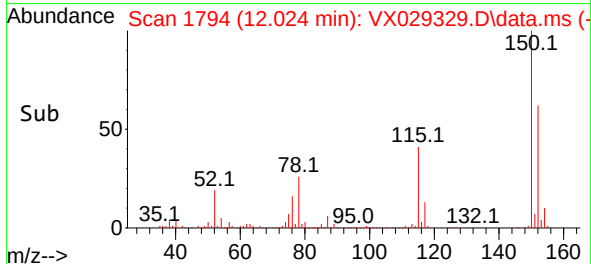
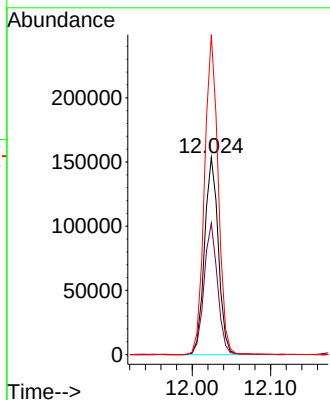
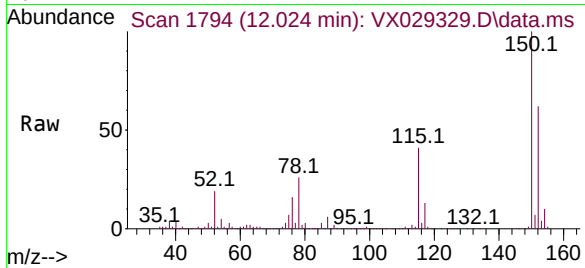




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029329.D
Acq: 08 Jun 2022 18:20

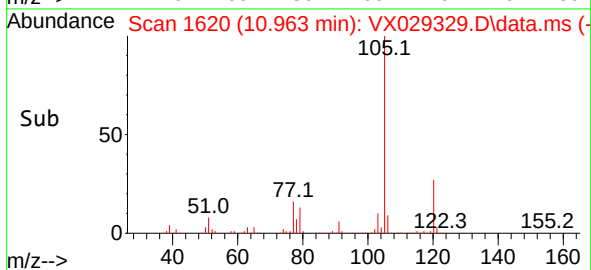
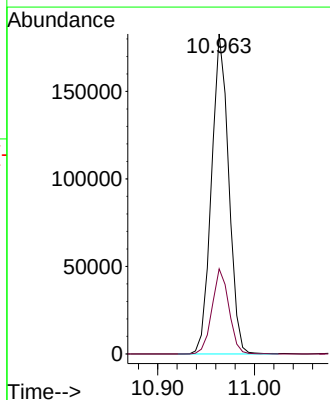
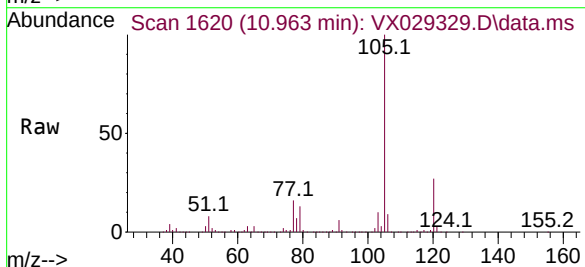
Instrument :
MSVOA_X
ClientSampleId :
WC-14B-10-GR

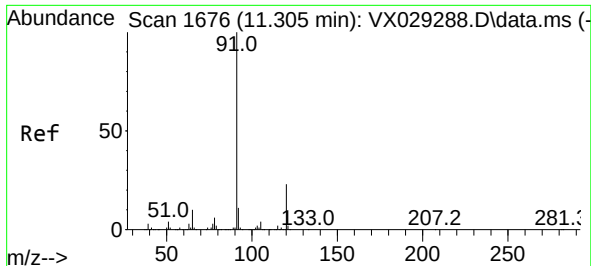
Tgt Ion:152 Resp: 188168
Ion Ratio Lower Upper
152 100
115 65.3 37.5 112.7
150 159.8 0.0 338.2



#73
Isopropylbenzene
Concen: 15.267 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX029329.D
Acq: 08 Jun 2022 18:20

Tgt Ion:105 Resp: 226152
Ion Ratio Lower Upper
105 100
120 25.9 13.5 40.5

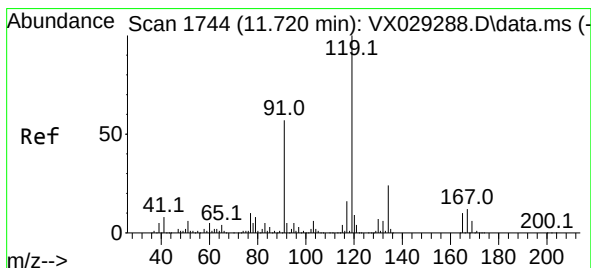
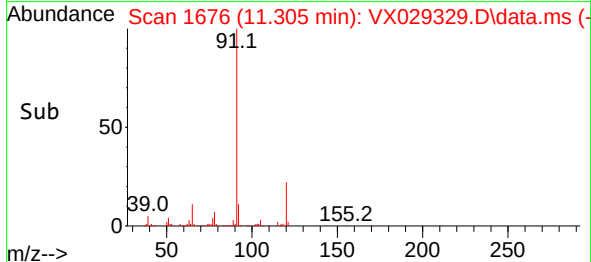
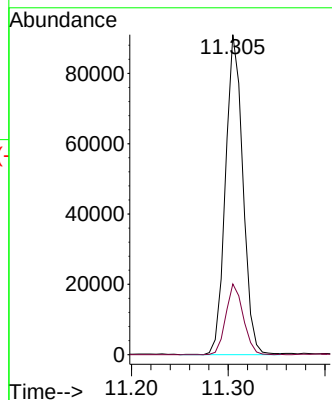
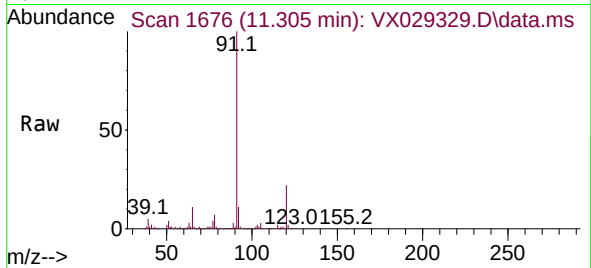




#78
n-propylbenzene
Concen: 6.778 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029329.D
Acq: 08 Jun 2022 18:20

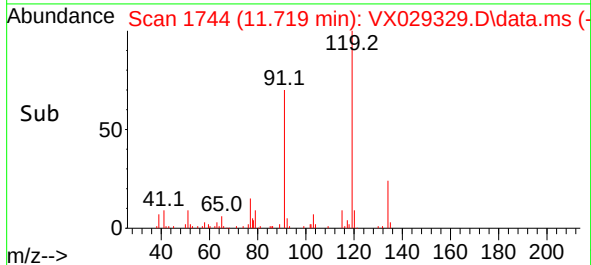
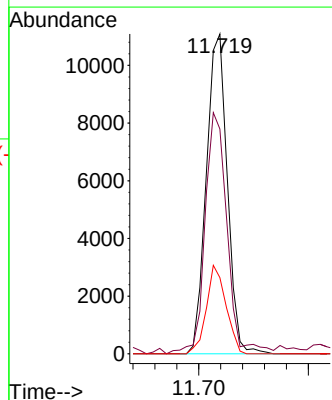
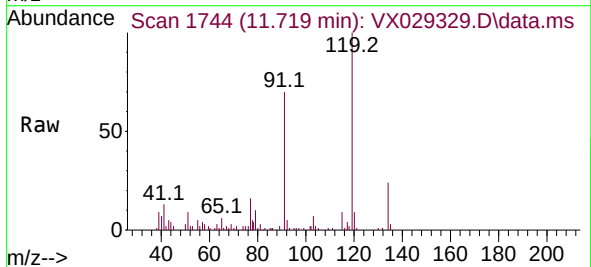
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MSVOA_X
ClientSampleId :
WC-14B-10-GR

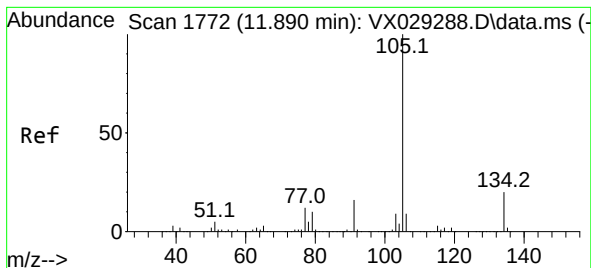
Tgt Ion: 91 Resp: 113940
Ion Ratio Lower Upper
91 100
120 22.0 11.6 34.8



#83
tert-Butylbenzene
Concen: 1.209 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VX029329.D
Acq: 08 Jun 2022 18:20

Tgt Ion: 119 Resp: 14751
Ion Ratio Lower Upper
119 100
91 79.0 26.9 80.6
134 25.9 11.4 34.2





#85

sec-Butylbenzene

Concen: 4.257 ug/l

RT: 11.890 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX029329.D

Acq: 08 Jun 2022 18:20

Instrument :

MSVOA_X

ClientSampleId :

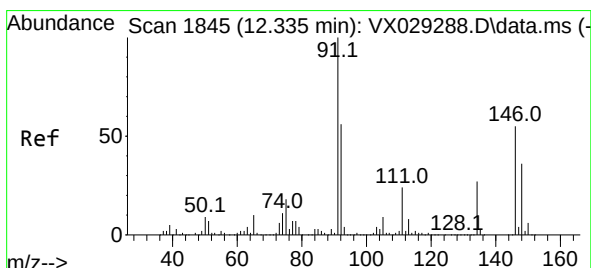
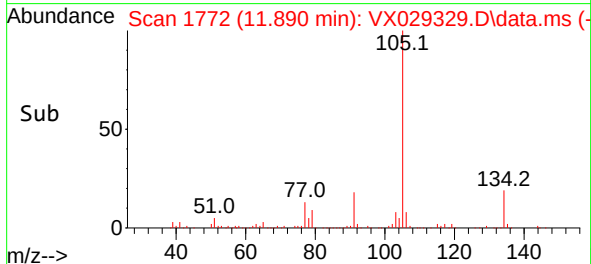
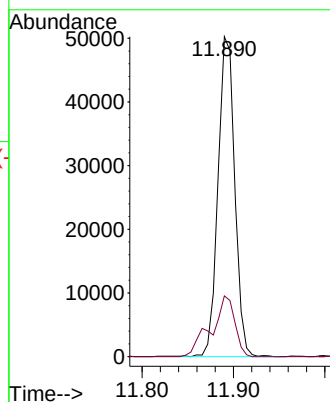
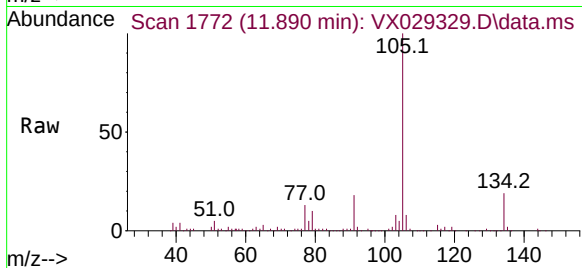
WC-14B-10-GR

Tgt Ion:105 Resp: 63793

Ion Ratio Lower Upper

105 100

134 26.7 10.2 30.4



#89

n-Butylbenzene

Concen: 1.293 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX029329.D

Acq: 08 Jun 2022 18:20

Tgt Ion: 91 Resp: 13695

Ion Ratio Lower Upper

91 100

92 51.5 27.8 83.3

134 31.1 13.3 39.8

