

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060822\
 Data File : VX029325.D
 Acq On : 08 Jun 2022 16:47
 Operator : JC/MD
 Sample : N3209-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-14B-2-1-GR

Quant Time: Jun 09 07:00:38 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)

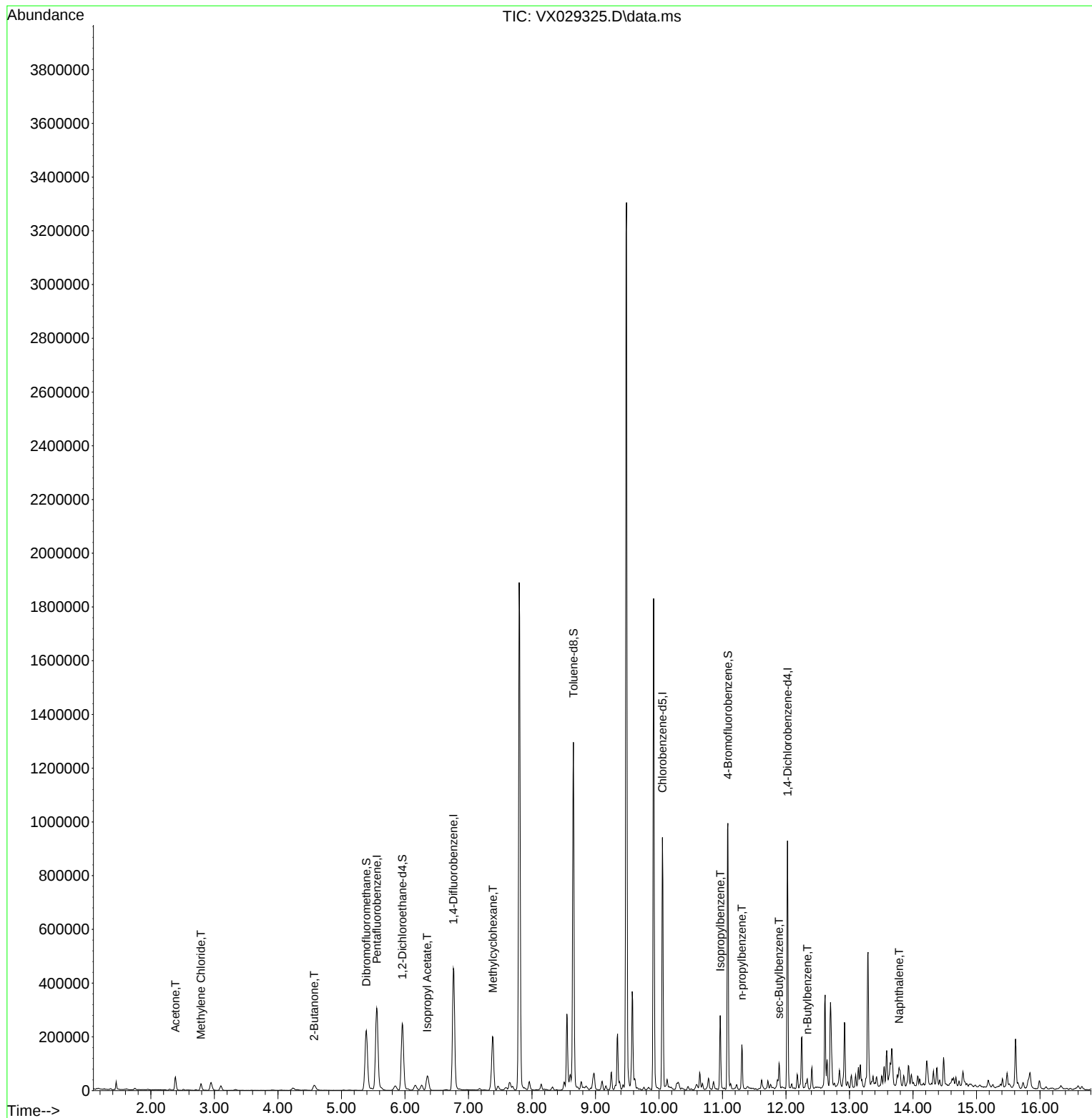
Internal Standards						
1) Pentafluorobenzene	5.556	168	282342	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	478722	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	418149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	179888	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	245312	57.335	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 114.660%	
35) Dibromofluoromethane	5.391	113	199737	49.078	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 98.160%	
50) Toluene-d8	8.653	98	751267	52.194	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.380%	
62) 4-Bromofluorobenzene	11.085	95	287727	51.081	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 102.160%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	54653	23.928	ug/l	93
20) Methylene Chloride	2.788	84	8927	1.750	ug/l	96
25) 2-Butanone	4.568	43	21646	5.991	ug/l	97
39) Methylcyclohexane	7.385	83	90163	10.888	ug/l	94
43) Isopropyl Acetate	6.349	43	28543	2.738	ug/l	97
73) Isopropylbenzene	10.964	105	140524	9.923	ug/l	98
78) n-propylbenzene	11.305	91	100164	6.233	ug/l	99
85) sec-Butylbenzene	11.890	105	47524	3.317	ug/l	82
89) n-Butylbenzene	12.335	91	13160	1.300	ug/l	94
95) Naphthalene	13.780	128	40169	3.064	ug/l	# 93

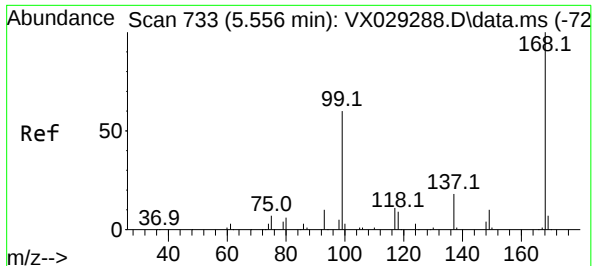
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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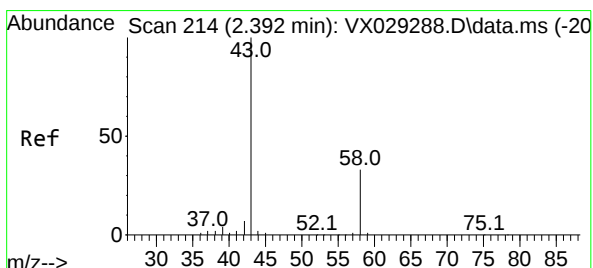
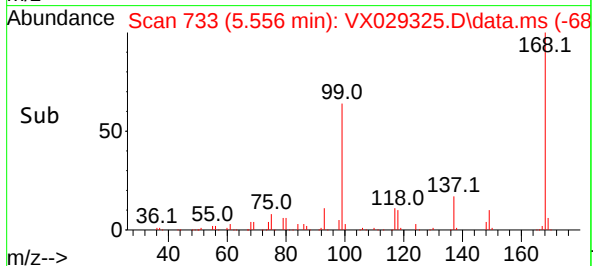
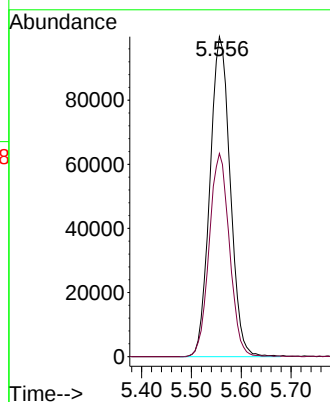
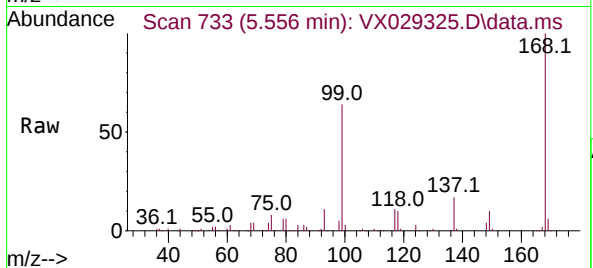




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX029325.D
Acq: 08 Jun 2022 16:47

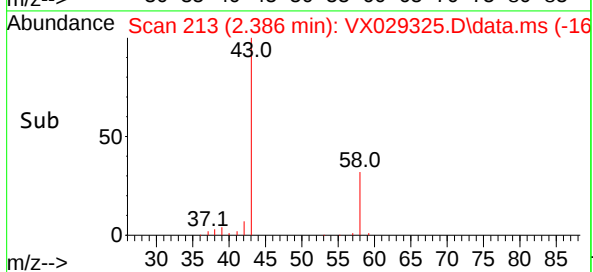
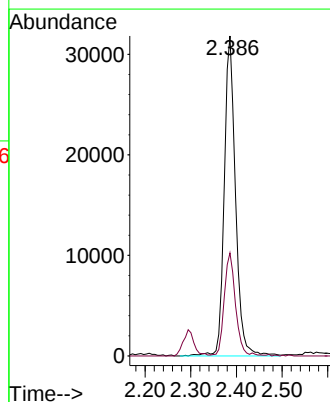
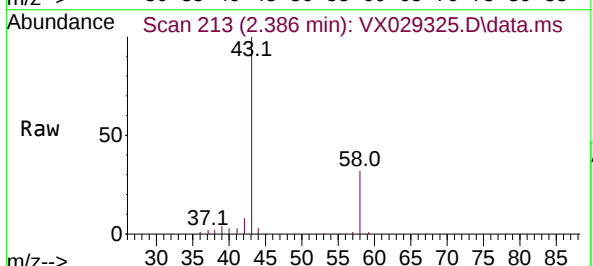
Instrument :
MSVOA_X
ClientSampleId :
WC-14B-2-1-GR

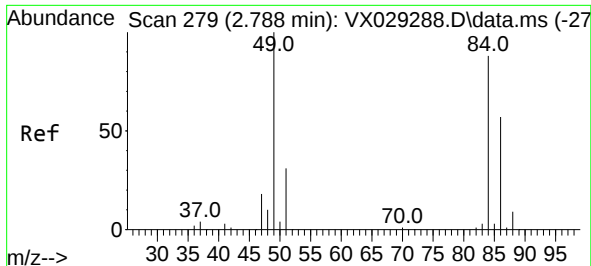
Tgt Ion:168 Resp: 282342
Ion Ratio Lower Upper
168 100
99 63.5 41.7 62.5#



#16
Acetone
Concen: 23.928 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX029325.D
Acq: 08 Jun 2022 16:47

Tgt Ion: 43 Resp: 54653
Ion Ratio Lower Upper
43 100
58 32.2 28.8 43.2

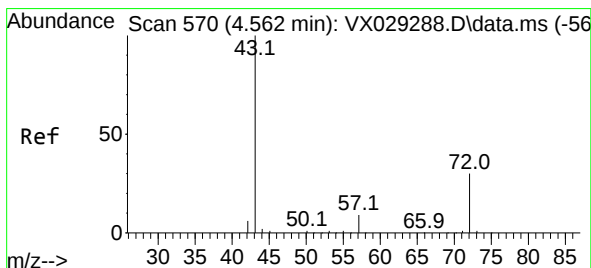
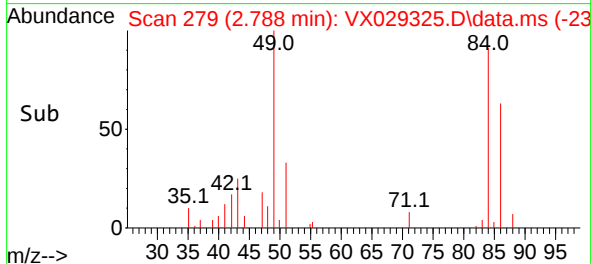
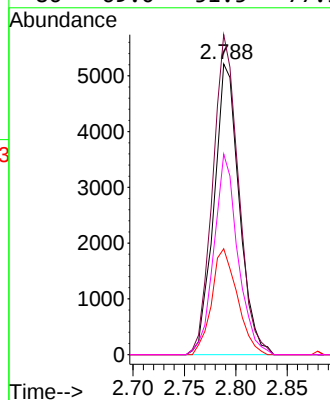
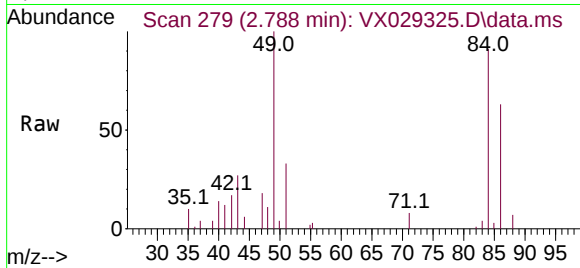




#20
Methylene Chloride
Concen: 1.750 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX029325.D
Acq: 08 Jun 2022 16:47

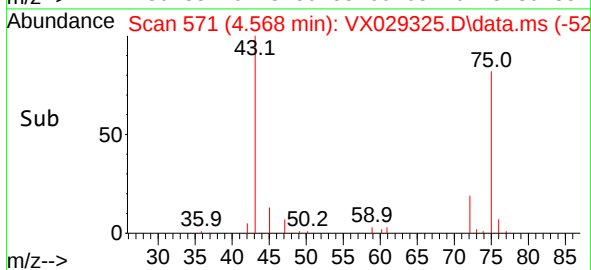
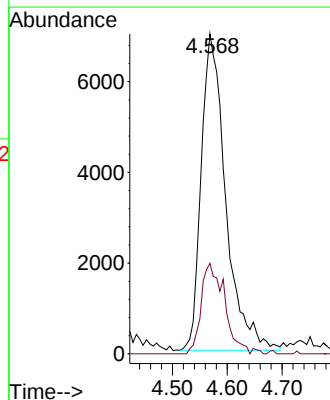
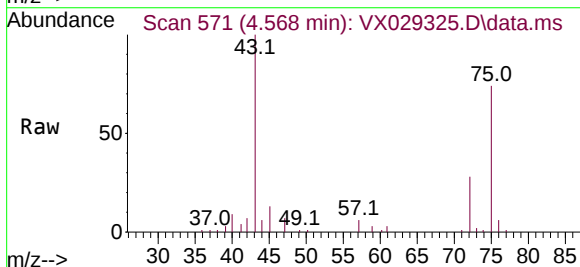
Instrument :
MSVOA_X
ClientSampleId :
WC-14B-2-1-GR

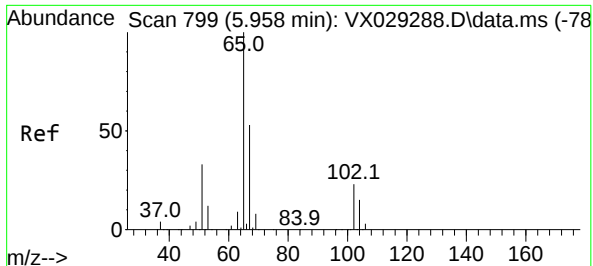
Tgt Ion:	84	Resp:	8927
Ion	Ratio	Lower	Upper
84	100		
49	110.1	85.5	128.3
51	36.4	26.6	39.8
86	69.0	51.5	77.3



#25
2-Butanone
Concen: 5.991 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX029325.D
Acq: 08 Jun 2022 16:47

Tgt Ion:	43	Resp:	21646
Ion	Ratio	Lower	Upper
43	100		
72	28.6	24.4	36.6





#33

1,2-Dichloroethane-d4

Concen: 57.335 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029325.D

Acq: 08 Jun 2022 16:47

Instrument :

MSVOA_X

ClientSampleId :

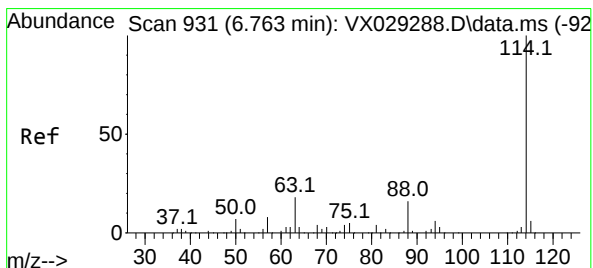
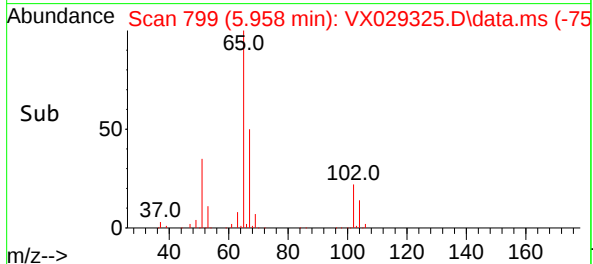
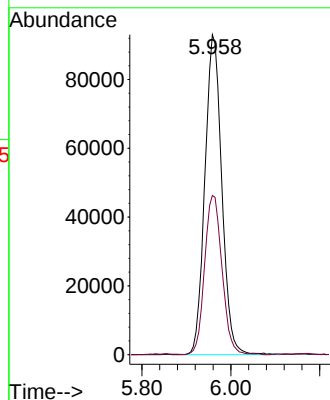
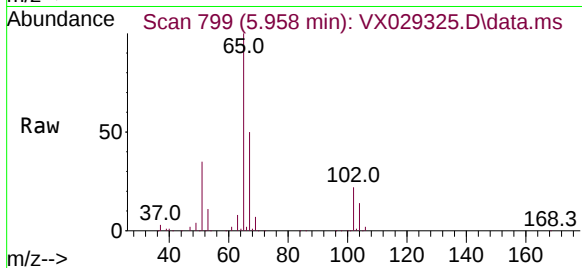
WC-14B-2-1-GR

Tgt Ion: 65 Resp: 245312

Ion Ratio Lower Upper

65 100

67 51.2 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: VX029325.D

Acq: 08 Jun 2022 16:47

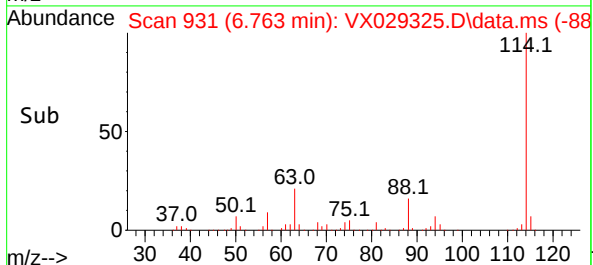
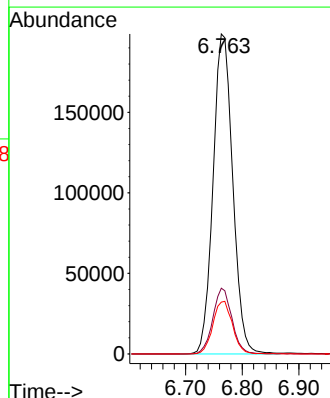
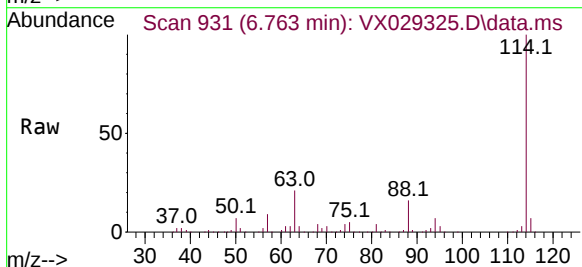
Tgt Ion: 114 Resp: 478722

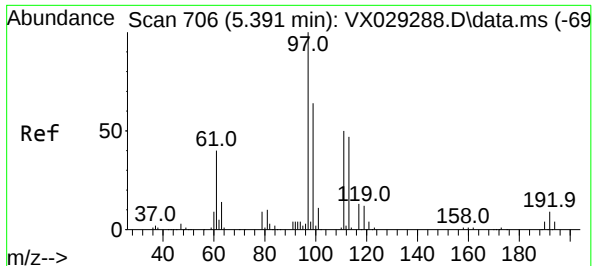
Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.8

88 16.2 0.0 32.4





#35

Dibromofluoromethane

Concen: 49.078 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX029325.D

Acq: 08 Jun 2022 16:47

Instrument :

MSVOA_X

ClientSampleId :

WC-14B-2-1-GR

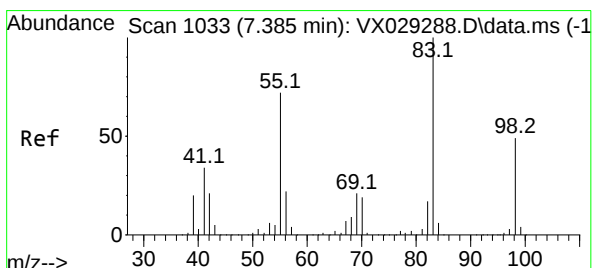
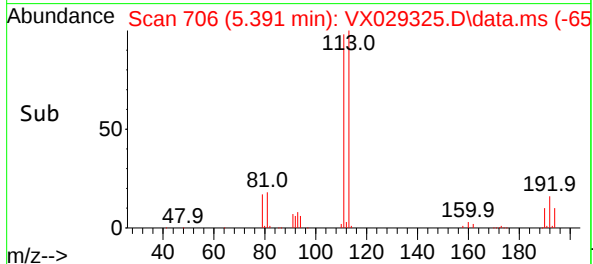
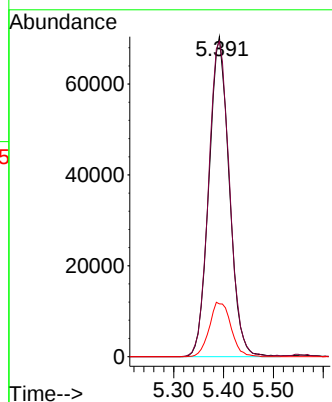
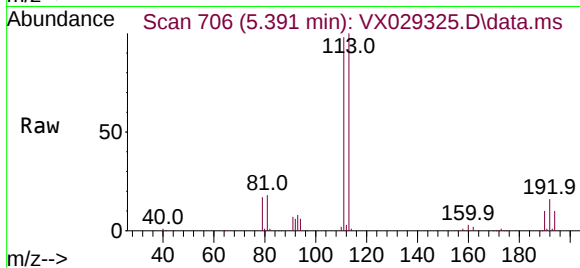
Tgt Ion:113 Resp: 199737

Ion Ratio Lower Upper

113 100

111 101.5 82.8 124.2

192 18.0 16.9 25.3



#39

Methylcyclohexane

Concen: 10.888 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX029325.D

Acq: 08 Jun 2022 16:47

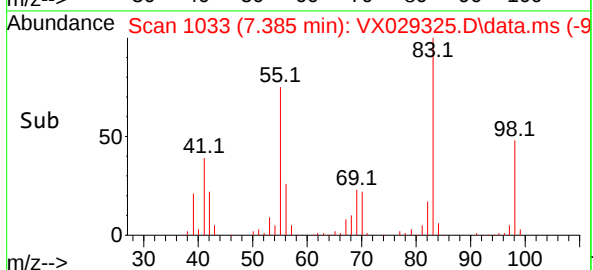
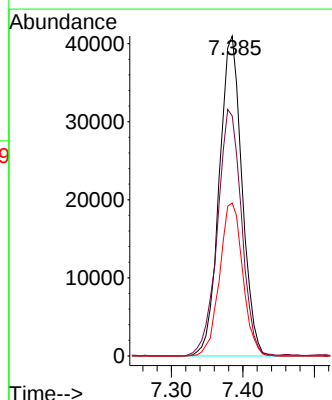
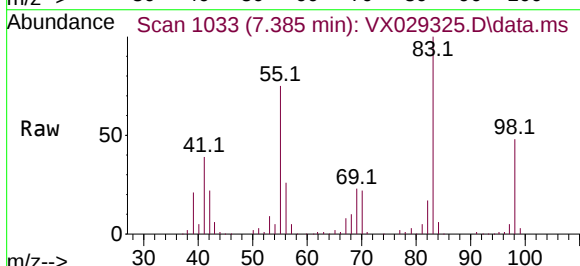
Tgt Ion: 83 Resp: 90163

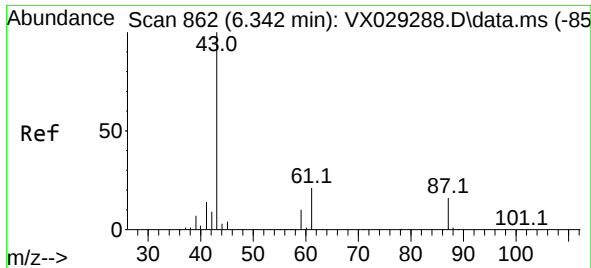
Ion Ratio Lower Upper

83 100

55 75.0 54.6 81.8

98 47.8 37.4 56.2

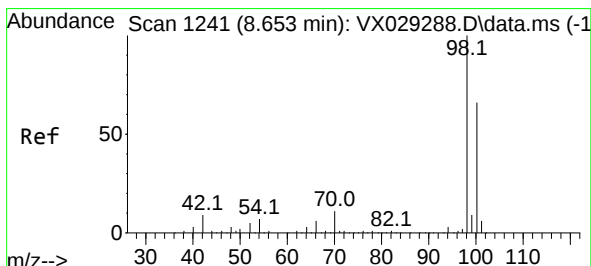
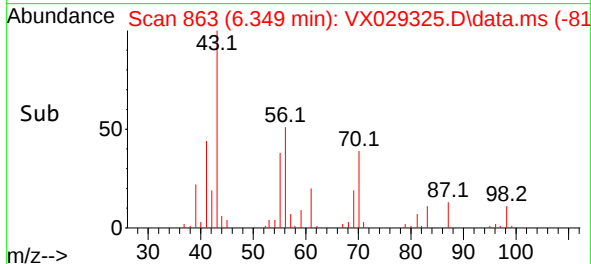
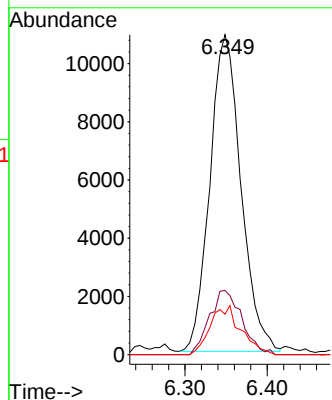
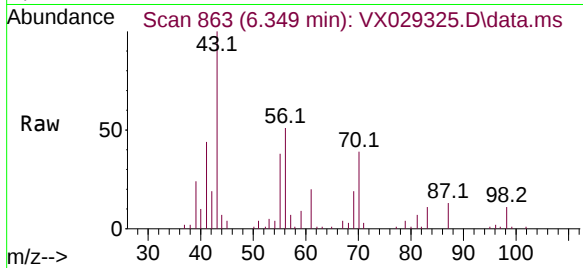




#43
Isopropyl Acetate
Concen: 2.738 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX029325.D
Acq: 08 Jun 2022 16:47

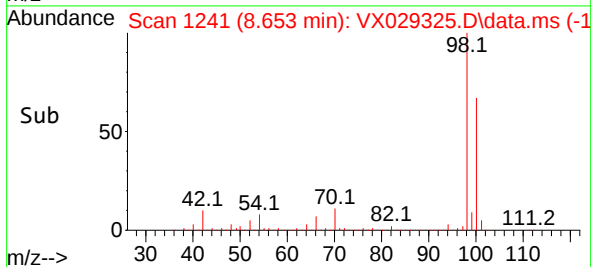
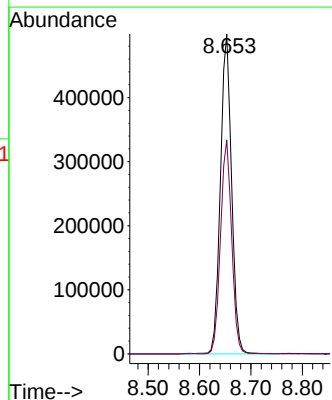
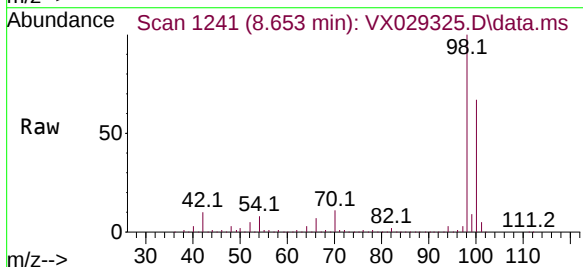
Instrument :
MSVOA_X
ClientSampleId :
WC-14B-2-1-GR

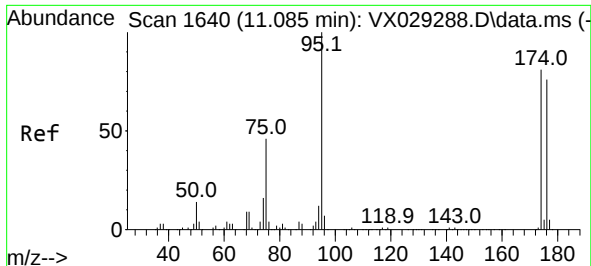
Tgt Ion: 43 Resp: 28543
Ion Ratio Lower Upper
43 100
61 21.1 18.5 27.7
87 15.2 13.0 19.6



#50
Toluene-d8
Concen: 52.194 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX029325.D
Acq: 08 Jun 2022 16:47

Tgt Ion: 98 Resp: 751267
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 51.081 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.000 min

Lab File: VX029325.D

Acq: 08 Jun 2022 16:47

Instrument :

MSVOA_X

ClientSampleId :

WC-14B-2-1-GR

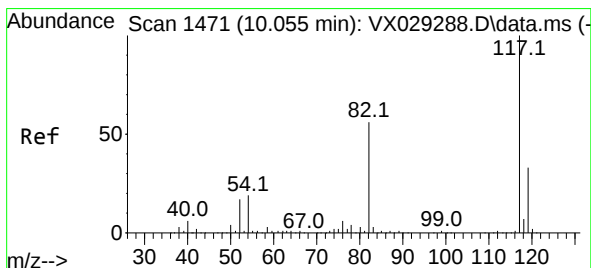
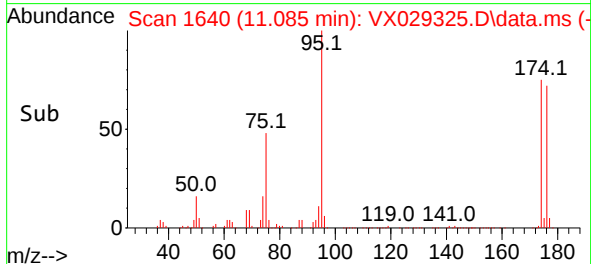
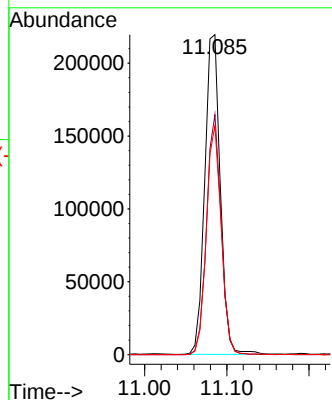
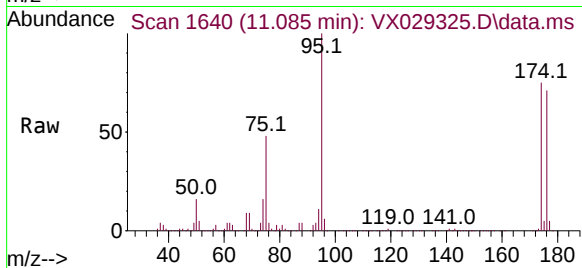
Tgt Ion: 95 Resp: 287727

Ion Ratio Lower Upper

95 100

174 70.6 0.0 163.0

176 68.4 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: VX029325.D

Acq: 08 Jun 2022 16:47

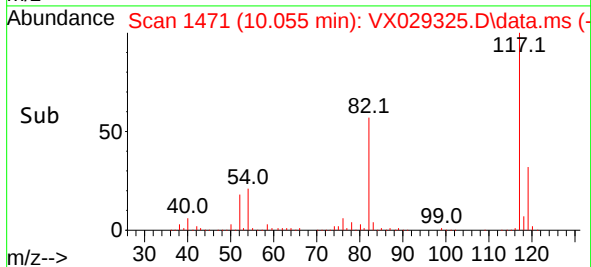
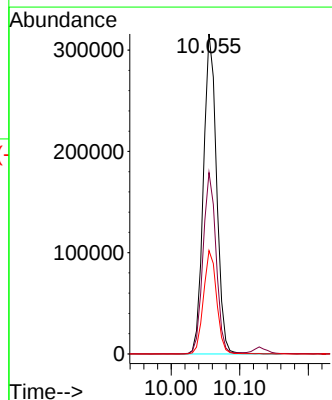
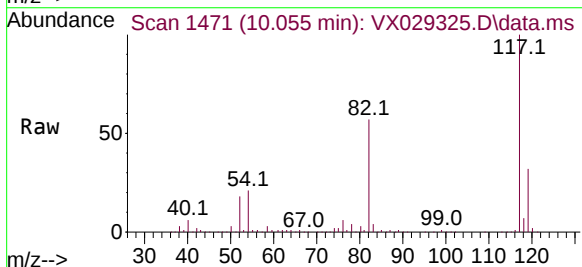
Tgt Ion: 117 Resp: 418149

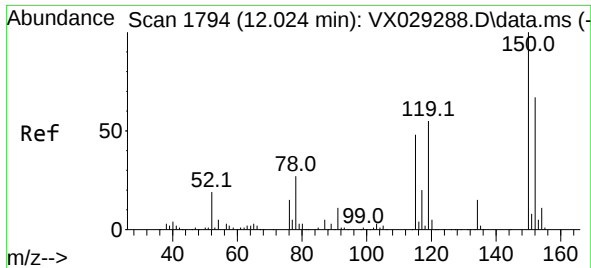
Ion Ratio Lower Upper

117 100

82 56.6 41.8 62.8

119 32.3 24.8 37.2

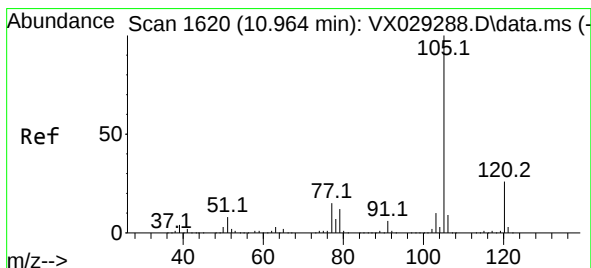
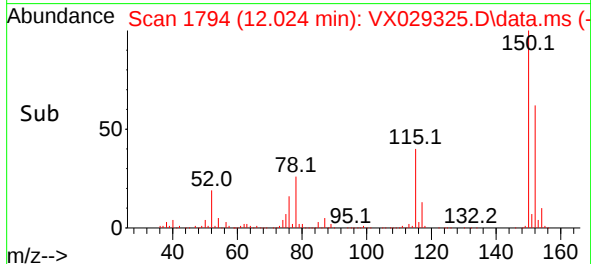
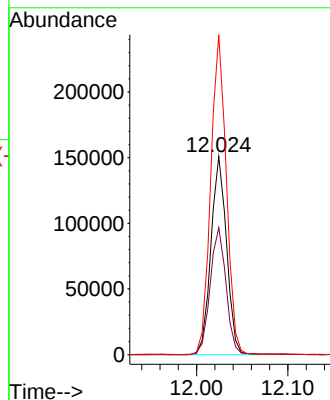
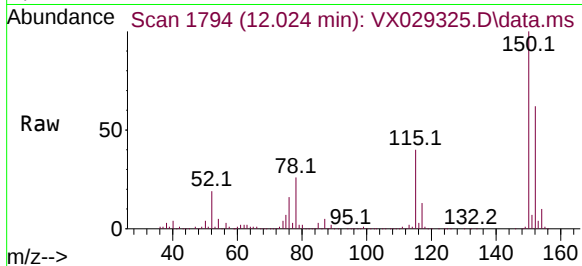




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029325.D
Acq: 08 Jun 2022 16:47

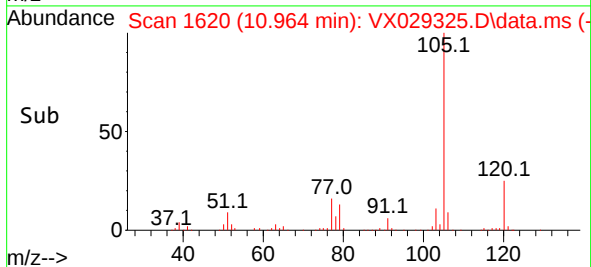
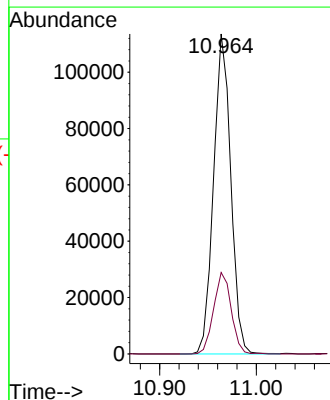
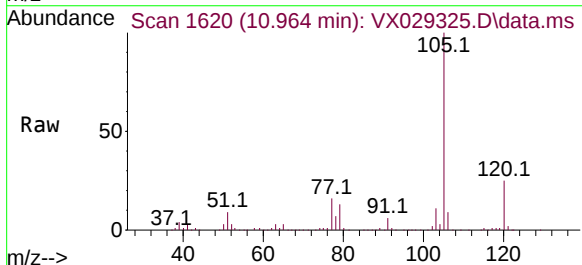
Instrument :
MSVOA_X
ClientSampleId :
WC-14B-2-1-GR

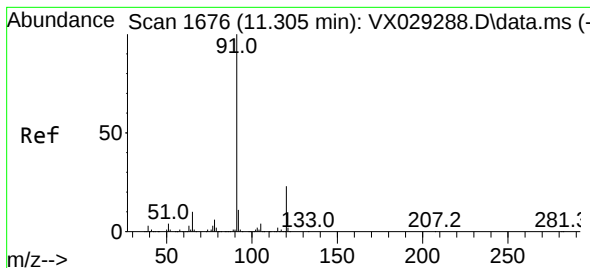
Tgt Ion:152 Resp: 179888
Ion Ratio Lower Upper
152 100
115 64.8 37.5 112.7
150 160.5 0.0 338.2



#73
Isopropylbenzene
Concen: 9.923 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029325.D
Acq: 08 Jun 2022 16:47

Tgt Ion:105 Resp: 140524
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.5





#78

n-propylbenzene

Concen: 6.233 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX029325.D

Acq: 08 Jun 2022 16:47

Instrument :

MSVOA_X

ClientSampleId :

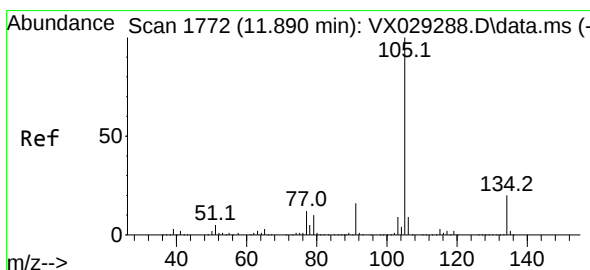
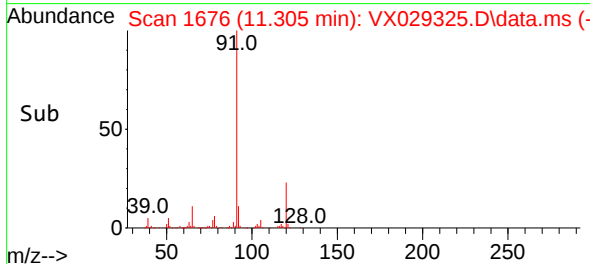
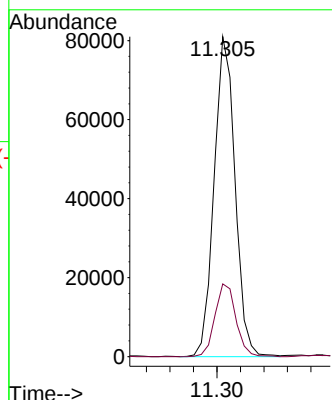
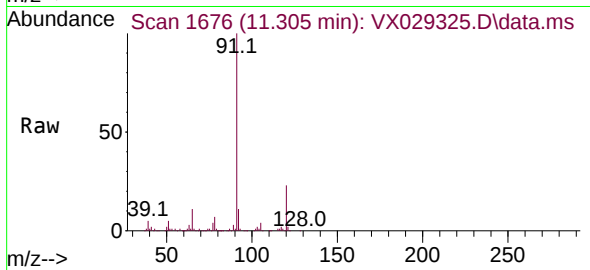
WC-14B-2-1-GR

Tgt Ion: 91 Resp: 100164

Ion Ratio Lower Upper

91 100

120 22.8 11.6 34.8



#85

sec-Butylbenzene

Concen: 3.317 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX029325.D

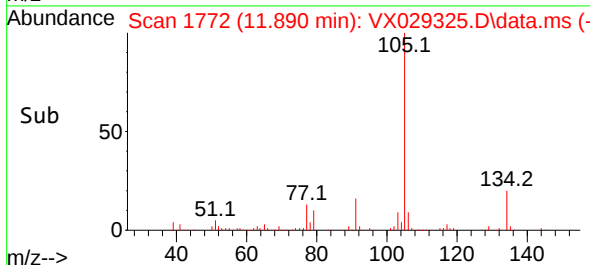
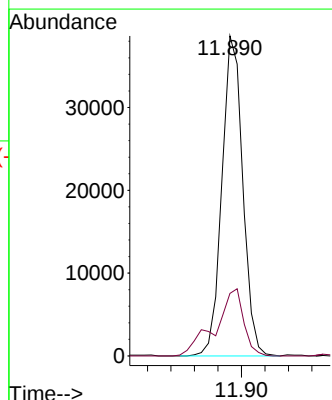
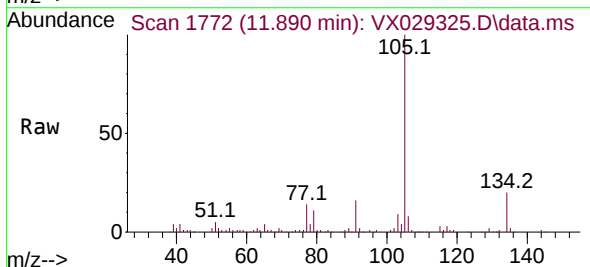
Acq: 08 Jun 2022 16:47

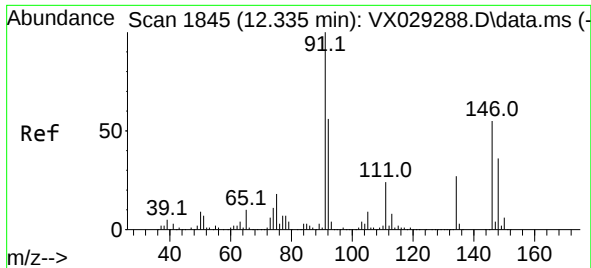
Tgt Ion: 105 Resp: 47524

Ion Ratio Lower Upper

105 100

134 28.5 10.2 30.4

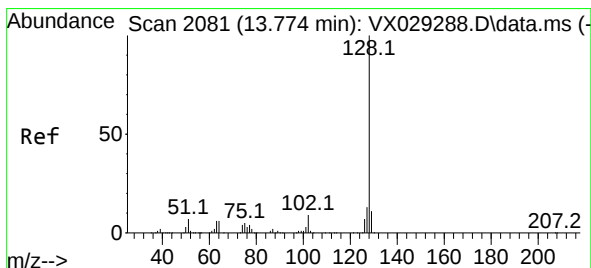
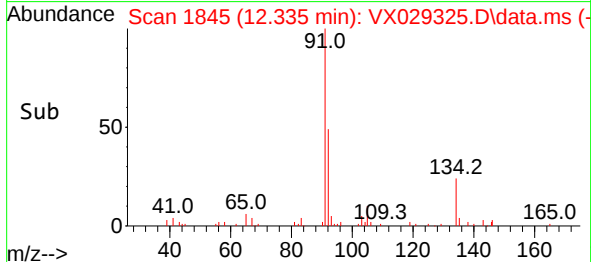
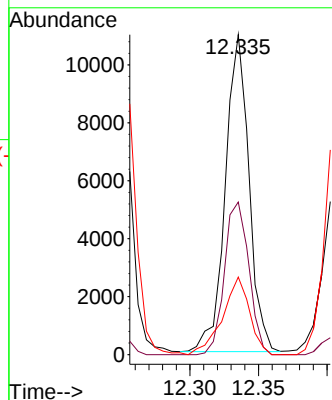
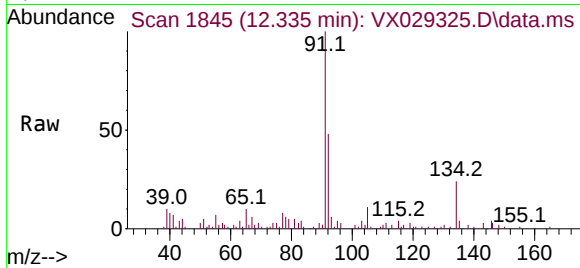




#89
n-Butylbenzene
Concen: 1.300 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX029325.D
Acq: 08 Jun 2022 16:47

Instrument :
MSVOA_X
ClientSampleId :
WC-14B-2-1-GR

Tgt Ion:	91	Resp:	13160
Ion	Ratio	Lower	Upper
91	100		
92	49.6	27.8	83.3
134	27.9	13.3	39.8



#95
Naphthalene
Concen: 3.064 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX029325.D
Acq: 08 Jun 2022 16:47

Tgt Ion:	128	Resp:	40169
Ion	Ratio	Lower	Upper
128	100		
127	16.6	10.2	15.4#
129	12.0	8.7	13.1

