

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060822\
 Data File : VX029330.D
 Acq On : 08 Jun 2022 18:43
 Operator : JC/MD
 Sample : N3209-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Jun 09 07:01:42 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)

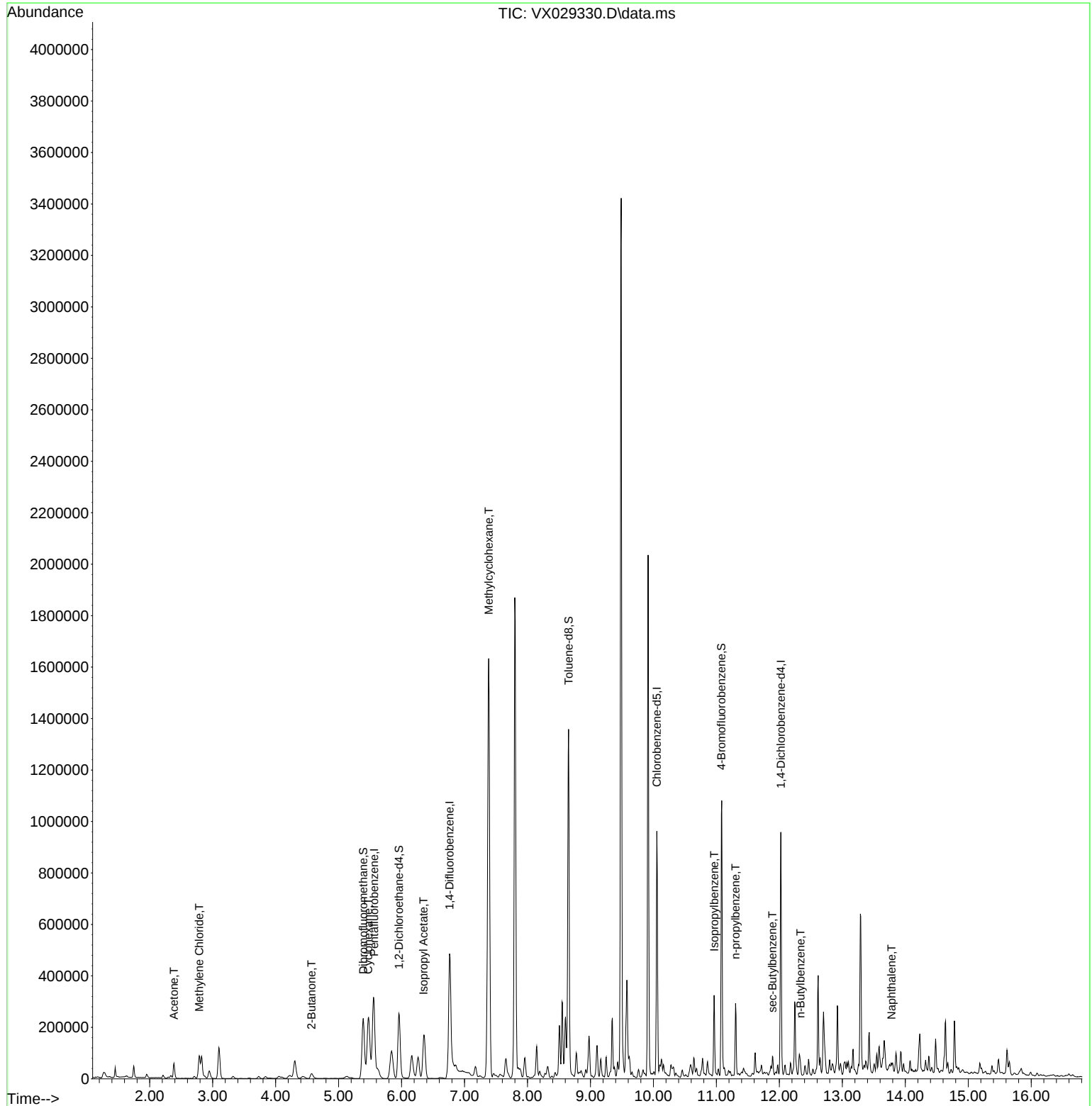
Internal Standards						
1) Pentafluorobenzene	5.562	168	292048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	483334	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	424858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	187026	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	247331	55.840	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	111.680%
35) Dibromofluoromethane	5.391	113	203216	49.456	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.920%
50) Toluene-d8	8.653	98	779660	53.650	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.300%
62) 4-Bromofluorobenzene	11.079	95	303587	53.382	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	106.760%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	61995	26.240	ug/l	96
20) Methylene Chloride	2.788	84	27152	5.146	ug/l	92
25) 2-Butanone	4.568	43	25138	6.726	ug/l	95
31) Cyclohexane	5.471	56	167788	21.193	ug/l	95
39) Methylcyclohexane	7.385	83	777449	92.990	ug/l	93
43) Isopropyl Acetate	6.348	43	36308	3.449	ug/l #	90
73) Isopropylbenzene	10.964	105	160294	10.887	ug/l	99
78) n-propylbenzene	11.305	91	173173	10.365	ug/l	98
85) sec-Butylbenzene	11.890	105	36106	2.424	ug/l #	78
89) n-Butylbenzene	12.335	91	22420	2.129	ug/l #	66
95) Naphthalene	13.780	128	22340	1.639	ug/l #	90

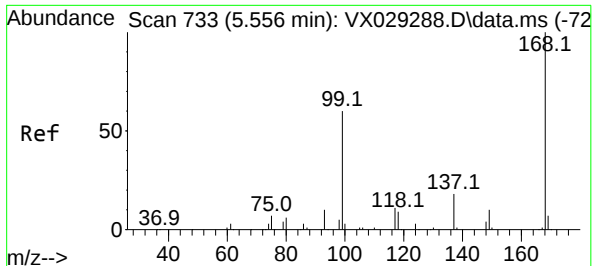
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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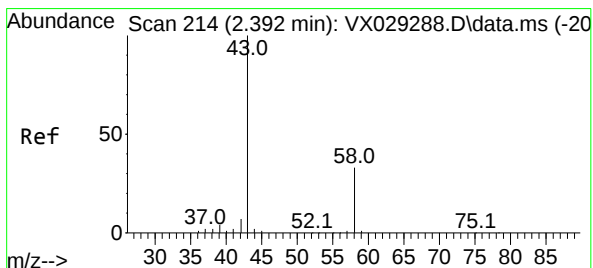
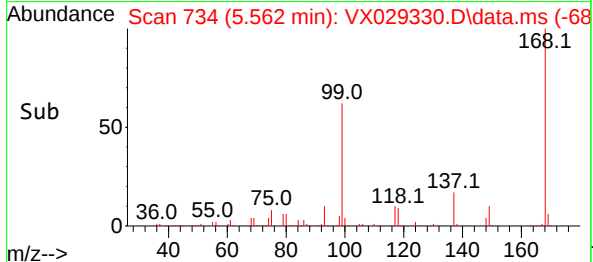
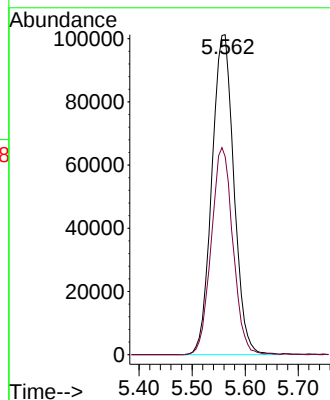
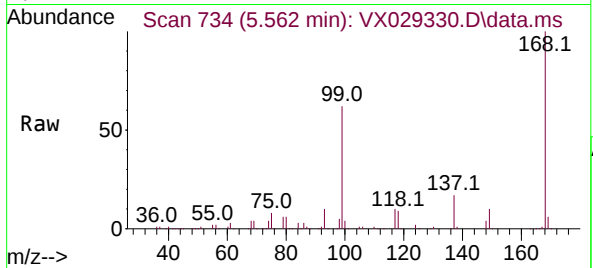




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX029330.D
Acq: 08 Jun 2022 18:43

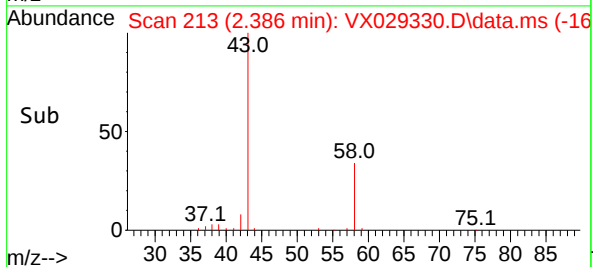
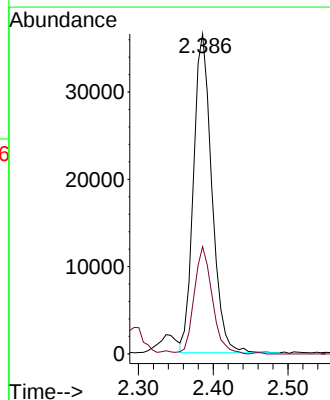
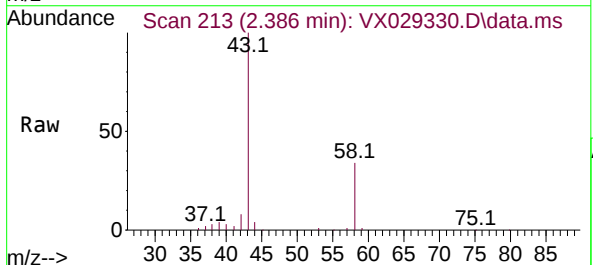
Instrument :
MSVOA_X
ClientSampleId :
WC-14B-2-1

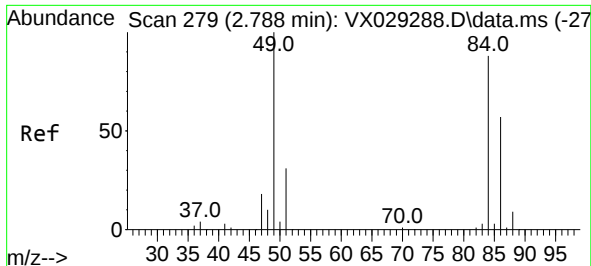
Tgt Ion:168 Resp: 292048
Ion Ratio Lower Upper
168 100
99 61.9 41.7 62.5



#16
Acetone
Concen: 26.240 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX029330.D
Acq: 08 Jun 2022 18:43

Tgt Ion: 43 Resp: 61995
Ion Ratio Lower Upper
43 100
58 33.7 28.8 43.2





#20

Methylene Chloride

Concen: 5.146 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX029330.D

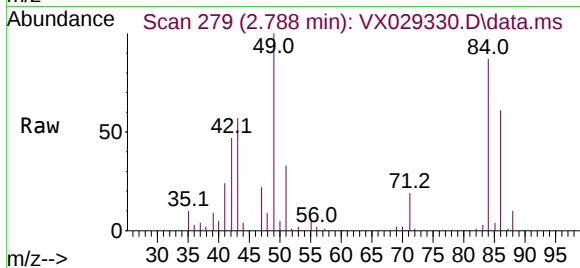
Acq: 08 Jun 2022 18:43

Instrument :

MSVOA_X

ClientSampleId :

WC-14B-2-1



Tgt Ion: 84 Resp: 27152

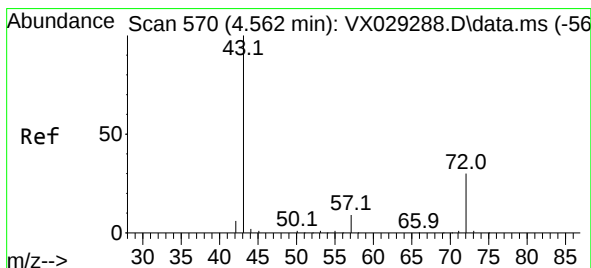
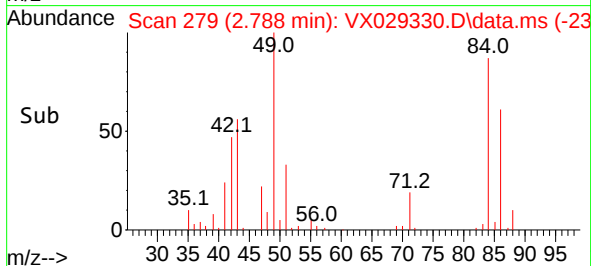
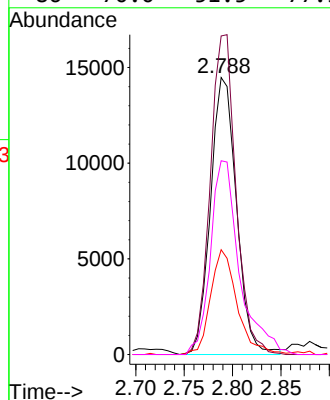
Ion Ratio Lower Upper

84 100

49 115.0 85.5 128.3

51 37.9 26.6 39.8

86 70.0 51.5 77.3



#25

2-Butanone

Concen: 6.726 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.006 min

Lab File: VX029330.D

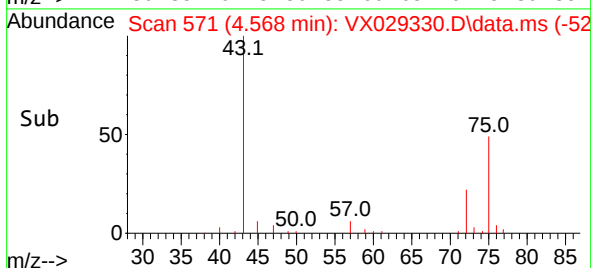
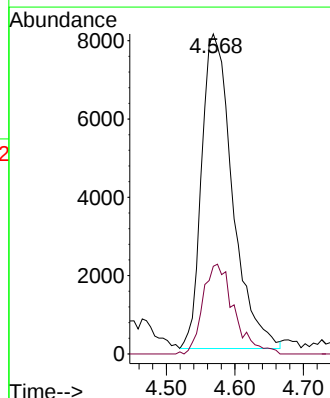
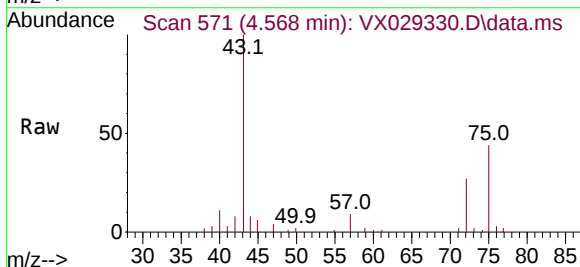
Acq: 08 Jun 2022 18:43

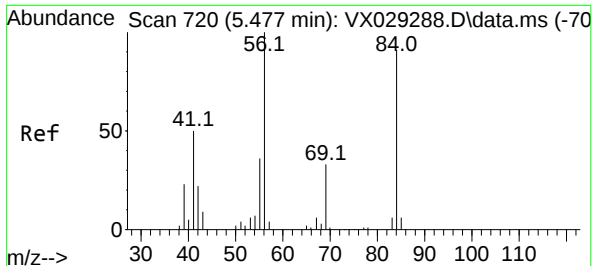
Tgt Ion: 43 Resp: 25138

Ion Ratio Lower Upper

43 100

72 27.9 24.4 36.6

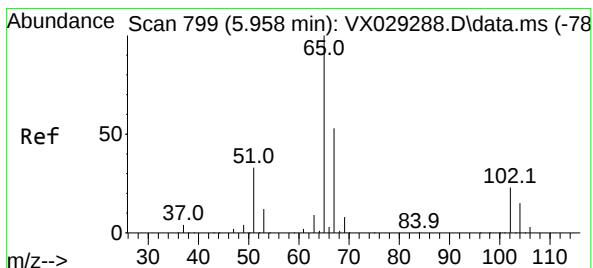
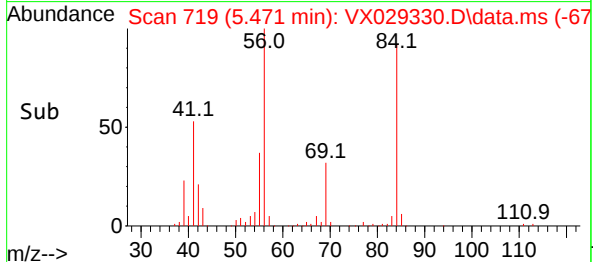
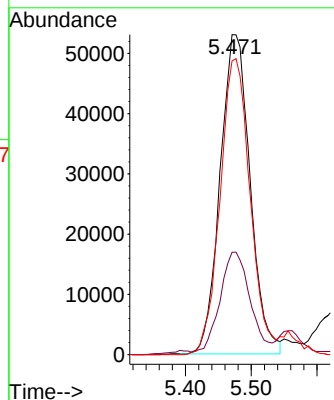
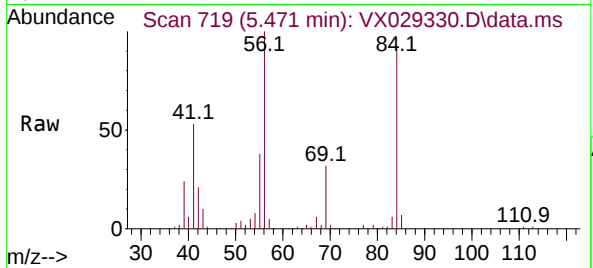




#31
Cyclohexane
Concen: 21.193 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX029330.D
Acq: 08 Jun 2022 18:43

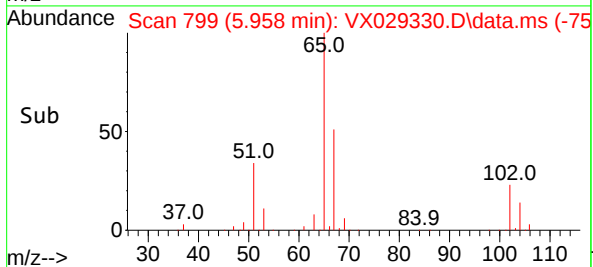
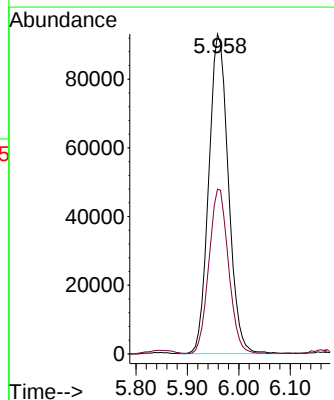
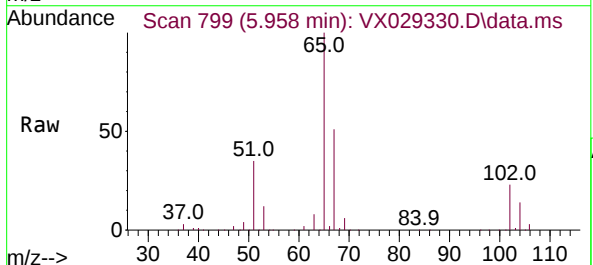
Instrument :
MSVOA_X
ClientSampleId :
WC-14B-2-1

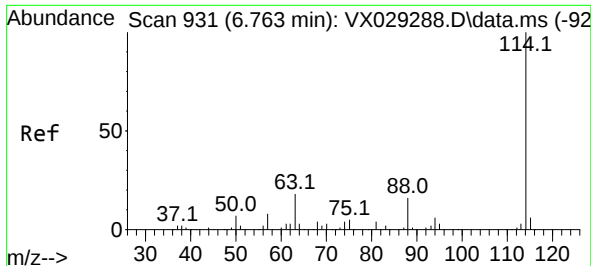
Tgt Ion: 56 Resp: 167788
Ion Ratio Lower Upper
56 100
69 30.7 26.7 40.1
84 92.0 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 55.840 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029330.D
Acq: 08 Jun 2022 18:43

Tgt Ion: 65 Resp: 247331
Ion Ratio Lower Upper
65 100
67 51.3 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: VX029330.D

Acq: 08 Jun 2022 18:43

Instrument :

MSVOA_X

ClientSampleId :

WC-14B-2-1

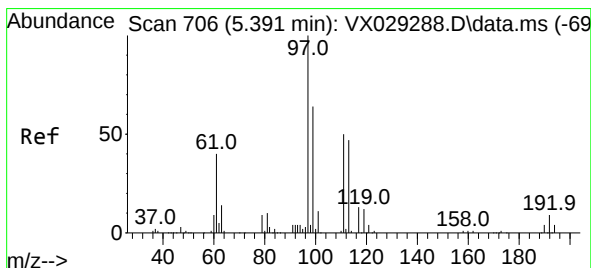
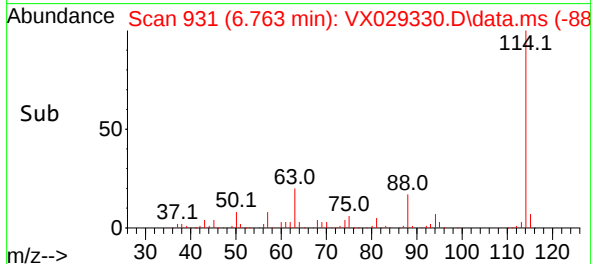
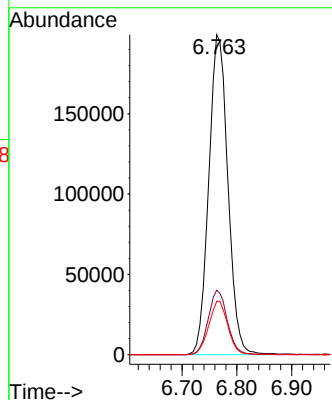
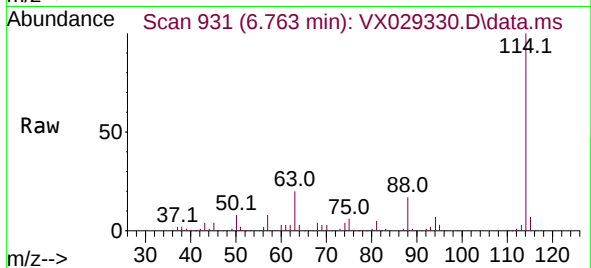
Tgt Ion:114 Resp: 483334

Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.8

88 16.6 0.0 32.4



#35

Dibromofluoromethane

Concen: 49.456 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX029330.D

Acq: 08 Jun 2022 18:43

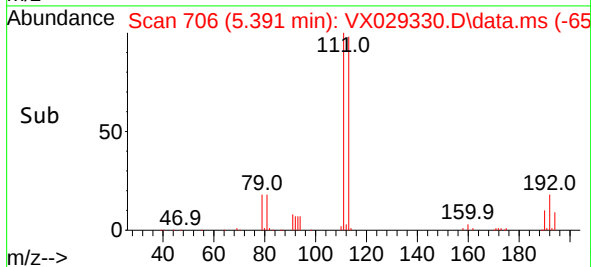
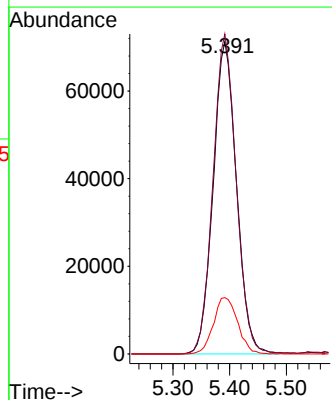
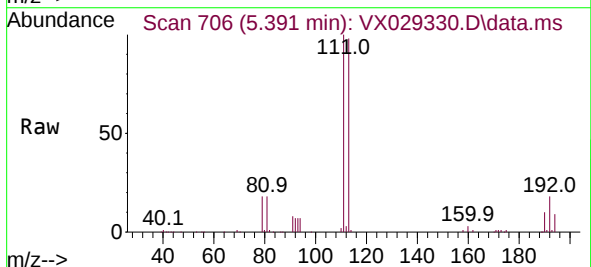
Tgt Ion:113 Resp: 203216

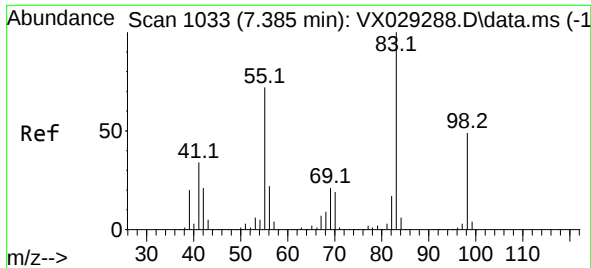
Ion Ratio Lower Upper

113 100

111 102.1 82.8 124.2

192 18.7 16.9 25.3

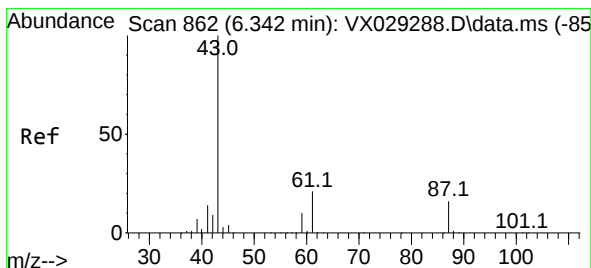
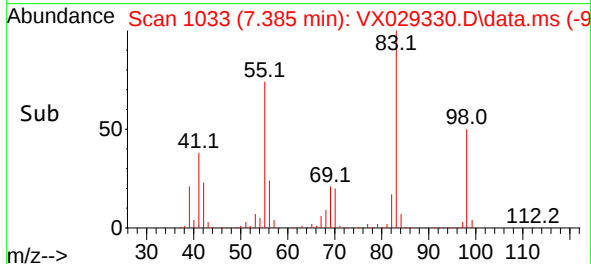
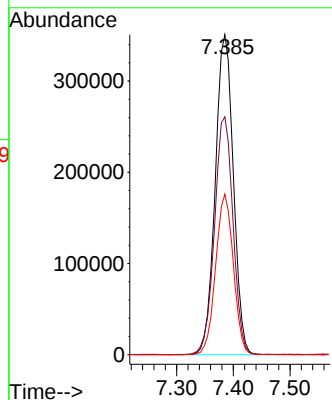
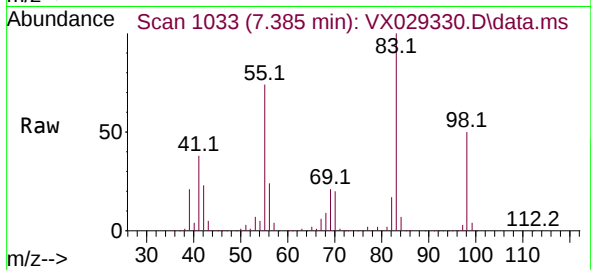




#39
Methylcyclohexane
Concen: 92.990 ug/l
RT: 7.385 min Scan# 10
Delta R.T. -0.000 min
Lab File: VX029330.D
Acq: 08 Jun 2022 18:43

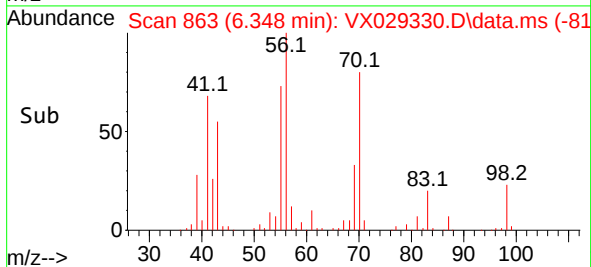
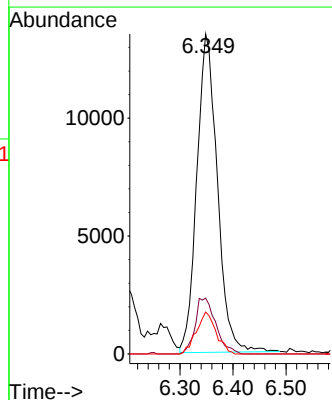
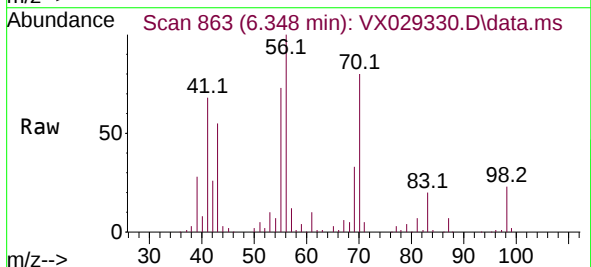
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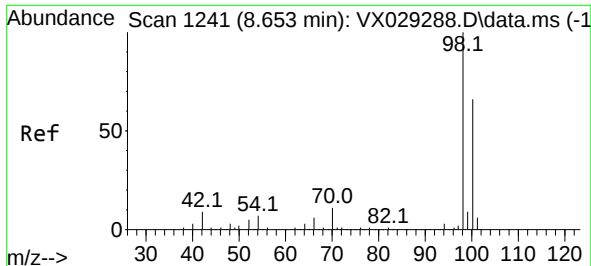
Tgt Ion: 83 Resp: 777449
Ion Ratio Lower Upper
83 100
55 74.3 54.6 81.8
98 50.2 37.4 56.2



#43
Isopropyl Acetate
Concen: 3.449 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX029330.D
Acq: 08 Jun 2022 18:43

Tgt Ion: 43 Resp: 36308
Ion Ratio Lower Upper
43 100
61 17.6 18.5 27.7#
87 12.5 13.0 19.6#

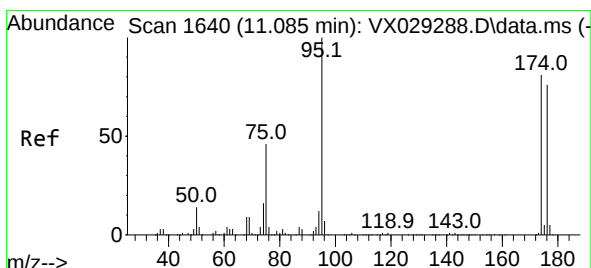
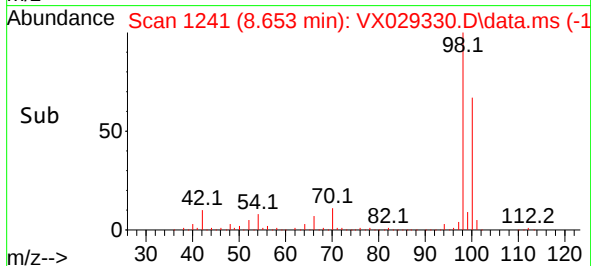
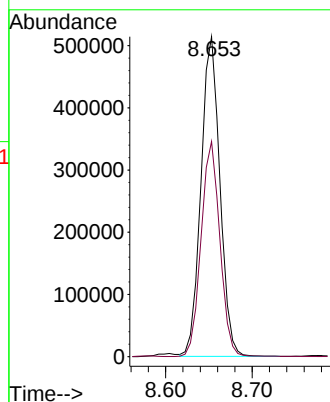
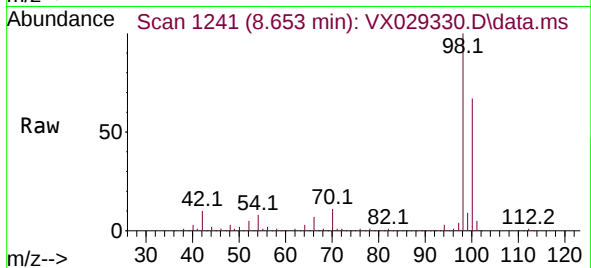




#50
Toluene-d8
Concen: 53.650 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029330.D
Acq: 08 Jun 2022 18:43

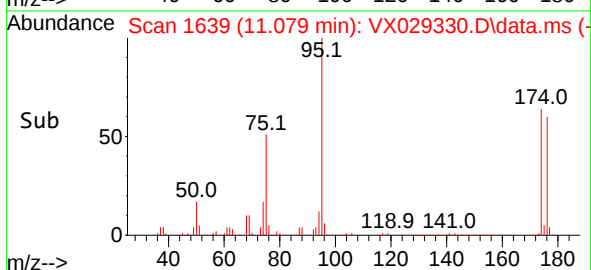
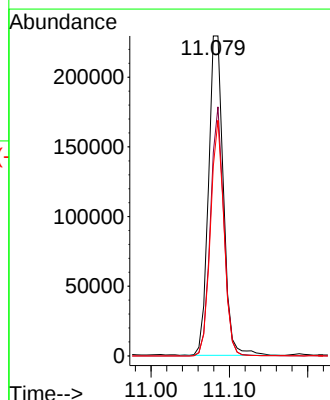
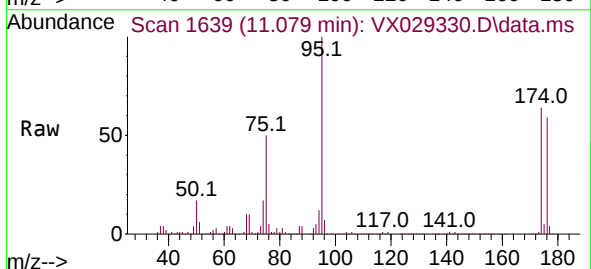
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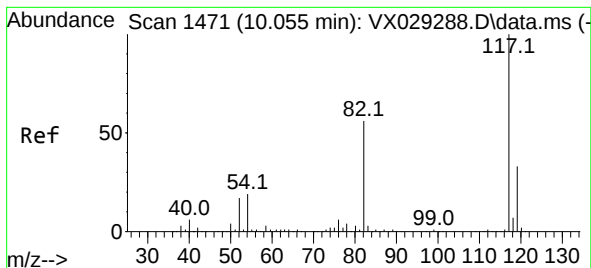
Tgt Ion: 98 Resp: 779660
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 53.382 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029330.D
Acq: 08 Jun 2022 18:43

Tgt Ion: 95 Resp: 303587
Ion Ratio Lower Upper
95 100
174 70.2 0.0 163.0
176 66.9 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: VX029330.D

Acq: 08 Jun 2022 18:43

Instrument :

MSVOA_X

ClientSampleId :

WC-14B-2-1

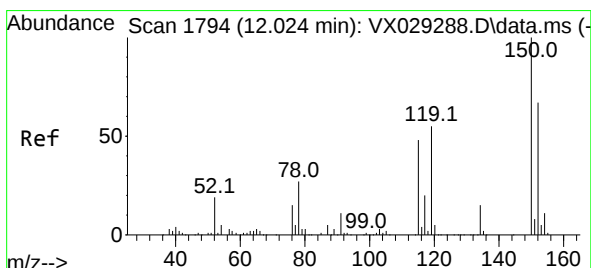
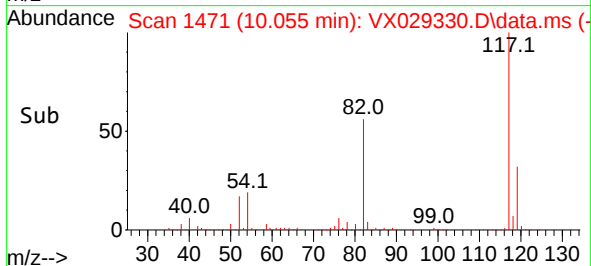
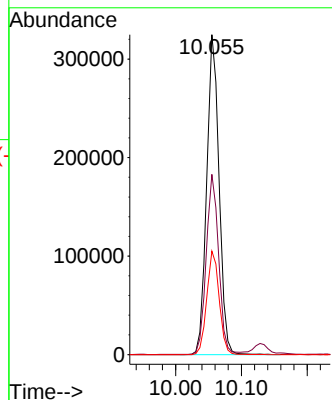
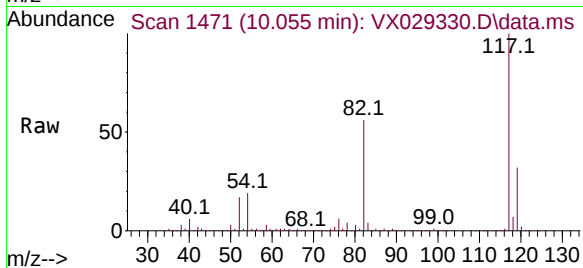
Tgt Ion:117 Resp: 424858

Ion Ratio Lower Upper

117 100

82 56.3 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# 1794

Delta R.T. -0.000 min

Lab File: VX029330.D

Acq: 08 Jun 2022 18:43

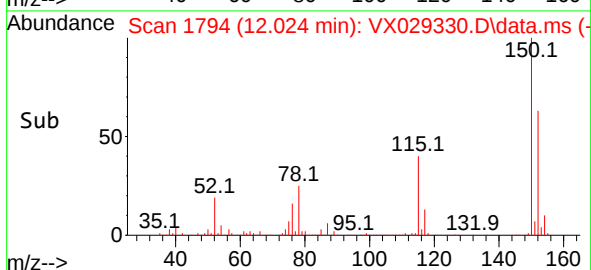
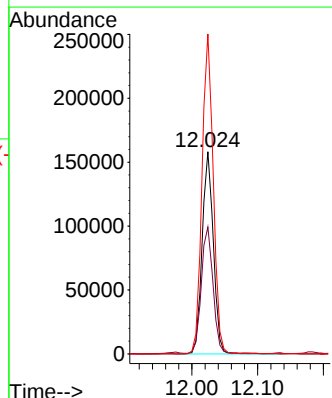
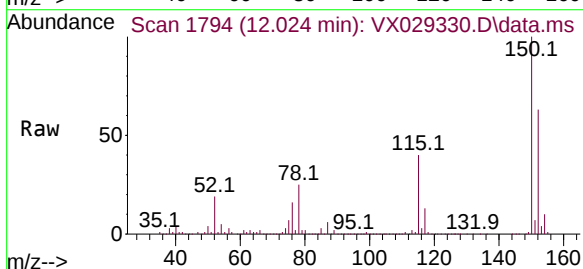
Tgt Ion:152 Resp: 187026

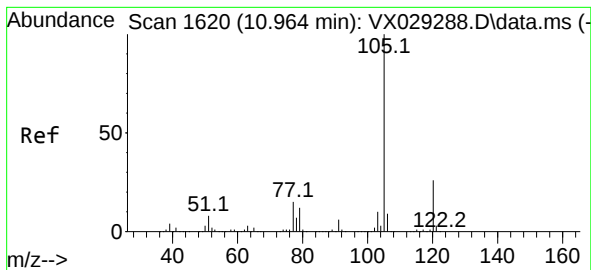
Ion Ratio Lower Upper

152 100

115 64.9 37.5 112.7

150 158.9 0.0 338.2





#73

Isopropylbenzene

Concen: 10.887 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX029330.D

Acq: 08 Jun 2022 18:43

Instrument :

MSVOA_X

ClientSampleId :

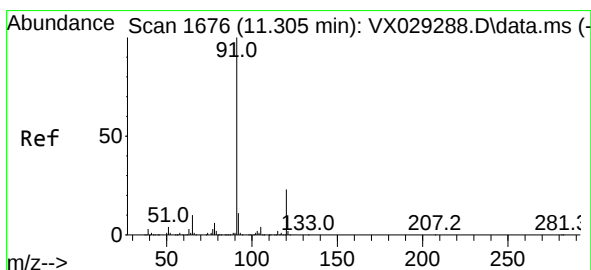
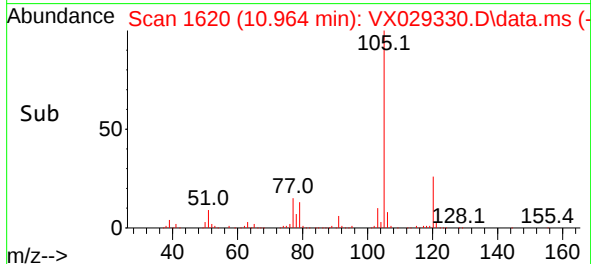
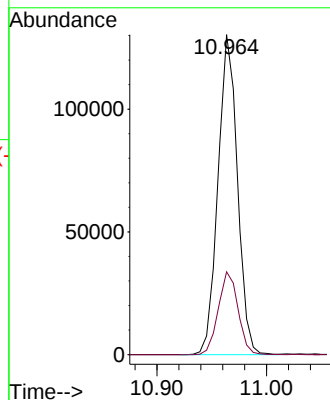
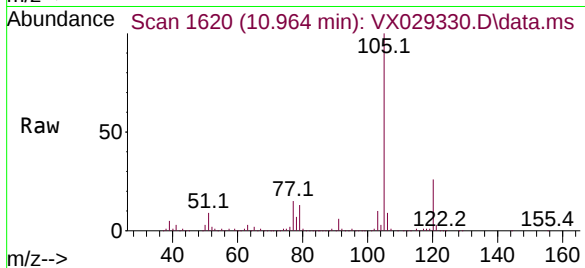
WC-14B-2-1

Tgt Ion:105 Resp: 160294

Ion Ratio Lower Upper

105 100

120 26.2 13.5 40.5



#78

n-propylbenzene

Concen: 10.365 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX029330.D

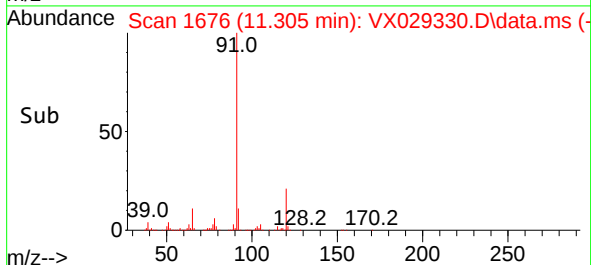
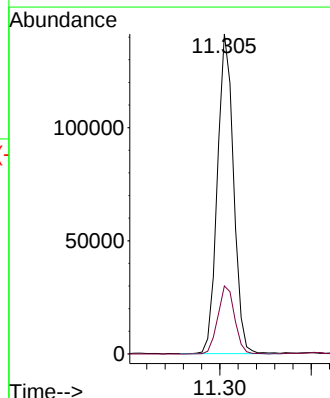
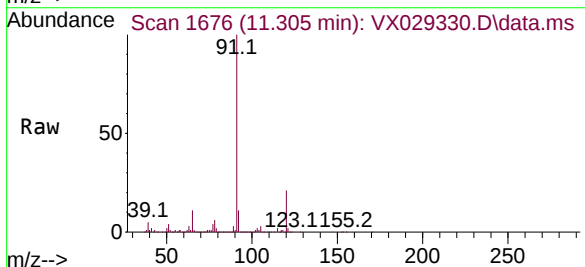
Acq: 08 Jun 2022 18:43

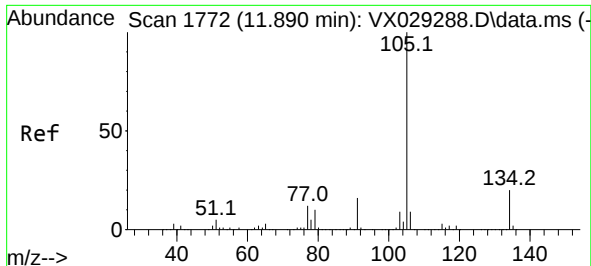
Tgt Ion: 91 Resp: 173173

Ion Ratio Lower Upper

91 100

120 22.0 11.6 34.8

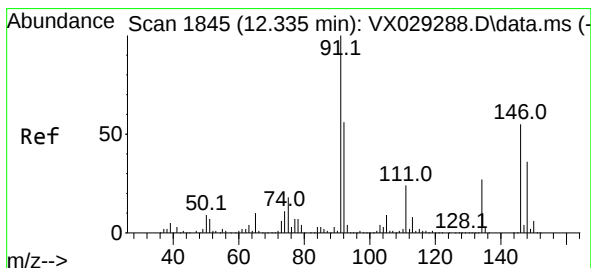
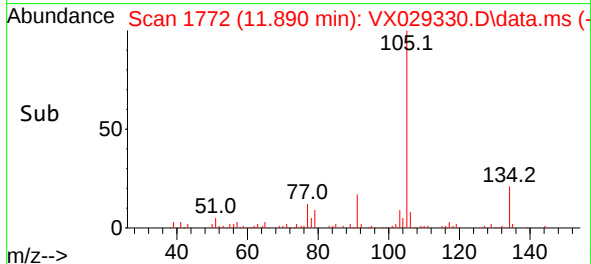
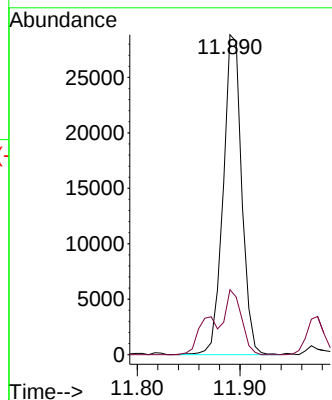
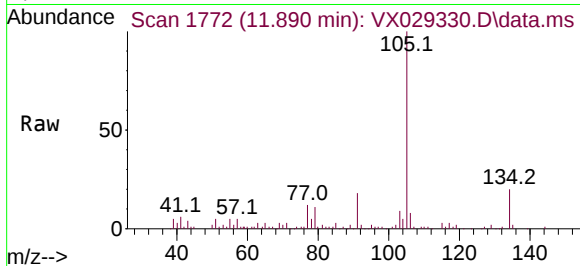




#85
sec-Butylbenzene
Concen: 2.424 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX029330.D
Acq: 08 Jun 2022 18:43

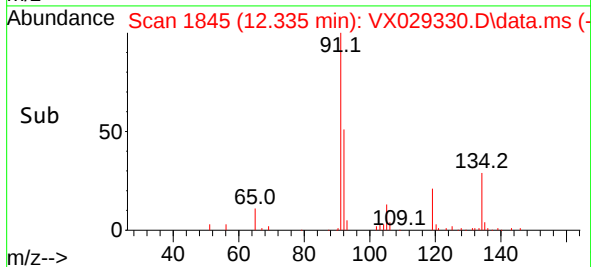
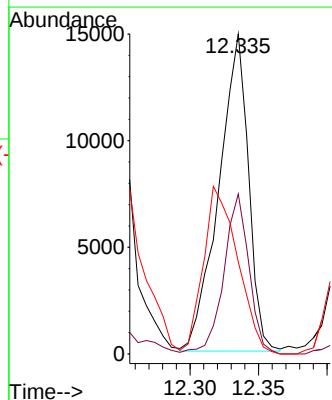
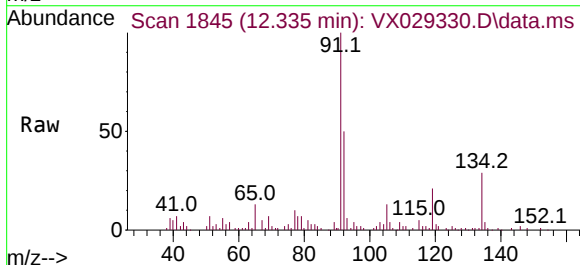
Instrument :
MSVOA_X
ClientSampleId :
WC-14B-2-1

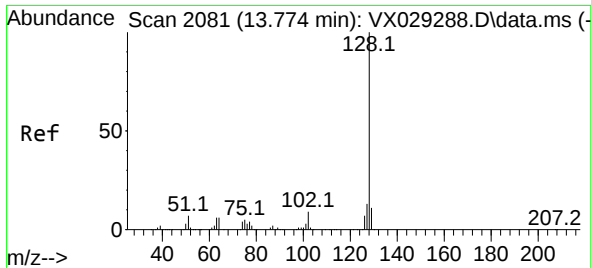
Tgt Ion:105 Resp: 36106
Ion Ratio Lower Upper
105 100
134 30.5 10.2 30.4#



#89
n-Butylbenzene
Concen: 2.129 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX029330.D
Acq: 08 Jun 2022 18:43

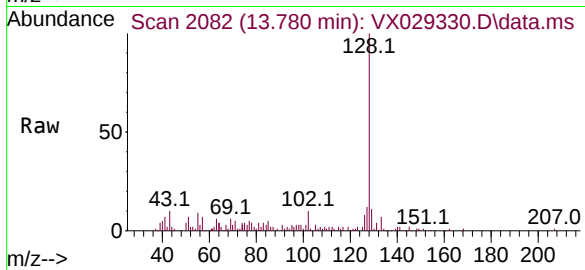
Tgt Ion: 91 Resp: 22420
Ion Ratio Lower Upper
91 100
92 42.7 27.8 83.3
134 60.9 13.3 39.8#





#95
Naphthalene
Concen: 1.639 ug/l
RT: 13.780 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX029330.D
Acq: 08 Jun 2022 18:43

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



Tgt Ion:128 Resp: 22340
Ion Ratio Lower Upper
128 100
127 16.8 10.2 15.4#
129 14.4 8.7 13.1#

