

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029598.D
 Acq On : 19 Jun 2022 03:03
 Operator : JC/MD
 Sample : N3290-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-33

Quant Time: Jun 20 01:40:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	270723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	454312	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	389388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	166054	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	154884	43.220	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.440%
35) Dibromofluoromethane	5.391	113	135026	45.606	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.220%
50) Toluene-d8	8.653	98	518489	47.937	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.880%
62) 4-Bromofluorobenzene	11.079	95	183371	44.957	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.920%

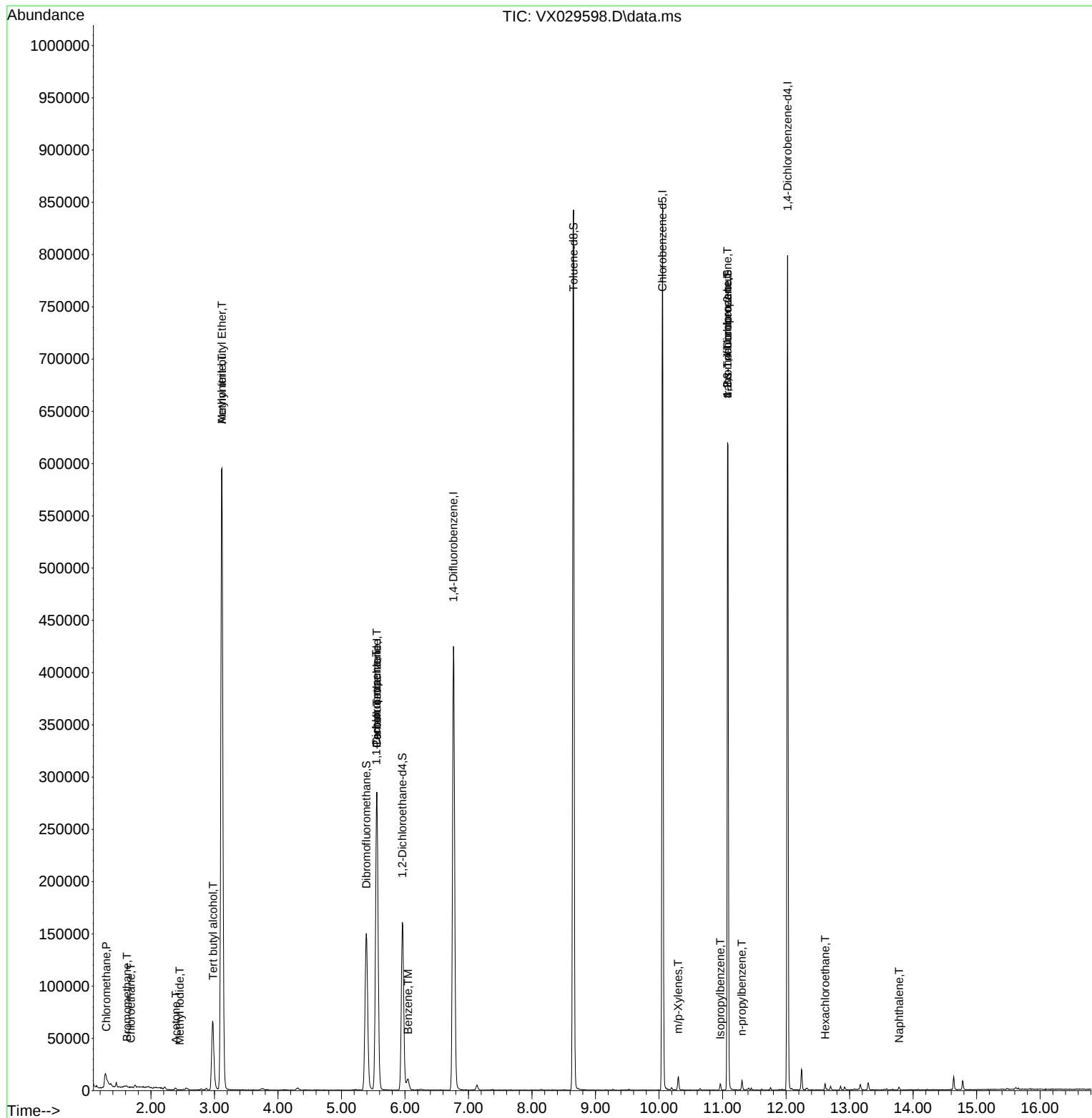
Target Compounds						Qvalue
3) Chloromethane	1.294	50	1236	0.350	ug/l	98
5) Bromomethane	1.624	94	626	0.377	ug/l #	63
6) Chloroethane	1.685	64	754	1.581	ug/l #	43
10) Methyl Iodide	2.453	142	499	3.162	ug/l #	84
11) Tert butyl alcohol	2.977	59	94900	116.580	ug/l	100
15) Acrylonitrile	3.117	53	6470	3.860	ug/l #	32
16) Acetone	2.392	43	2222	1.556	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	716034	75.199	ug/l	100
36) 1,1-Dichloropropene	5.550	75	20526	5.122	ug/l #	49
38) Carbon Tetrachloride	5.556	117	28464	7.223	ug/l #	15
40) Benzene	6.050	78	12748	1.073	ug/l	97
44) Trichloroethene	7.135	130	2084	Below Cal		70
68) m/p-Xylenes	10.299	106	3156	0.589	ug/l	95
73) Isopropylbenzene	10.963	105	3519	0.283	ug/l	100
76) 1,2,3-Trichloropropane	11.079	75	88529	24.473	ug/l #	38
78) n-propylbenzene	11.305	91	6068	0.433	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	88529	81.414	ug/l #	15
90) Hexachloroethane	12.616	117	304	0.200	ug/l #	10
95) Naphthalene	13.780	128	2462	0.211	ug/l	96

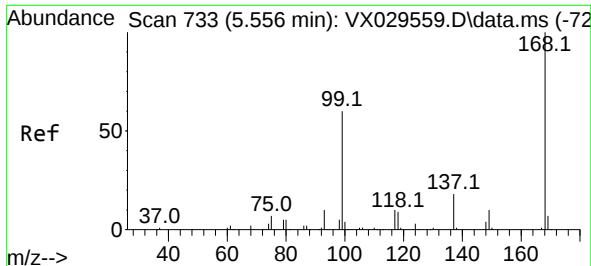
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration

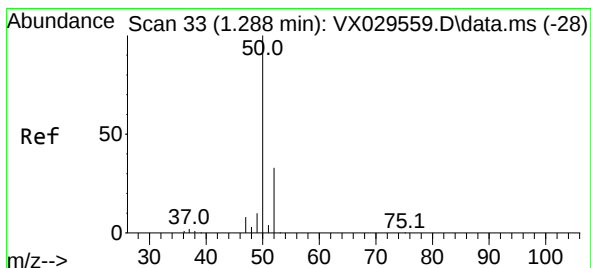
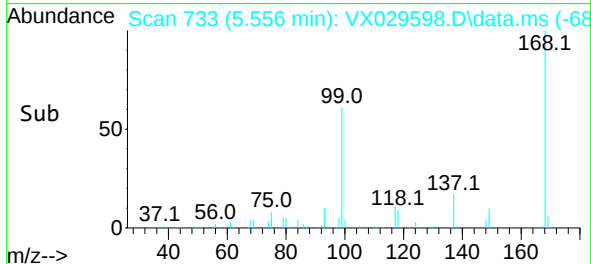
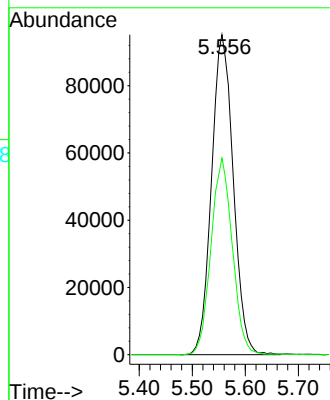
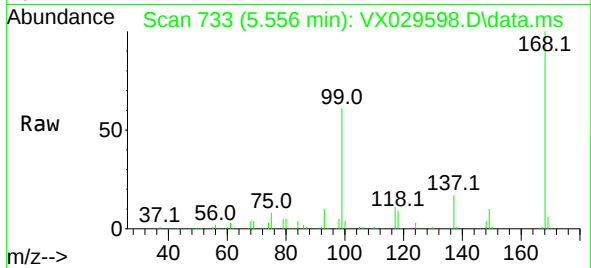




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029598.D
Acq: 19 Jun 2022 03:03

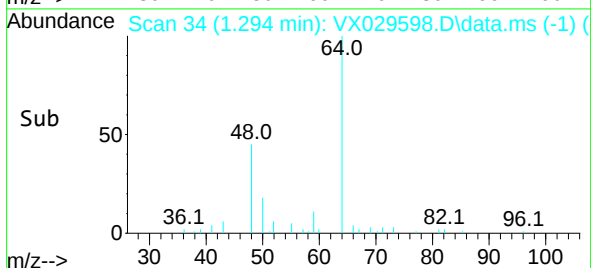
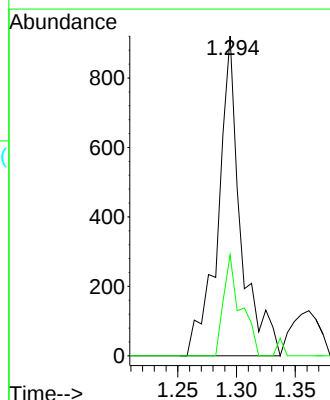
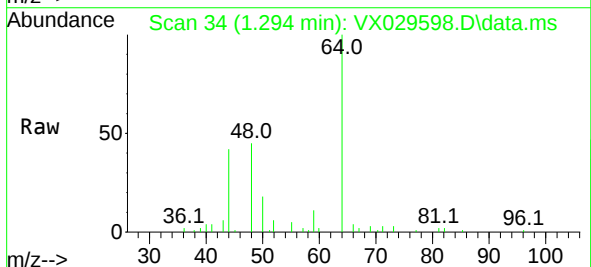
Instrument :
MSVOA_X
ClientSampleId :
MW-33

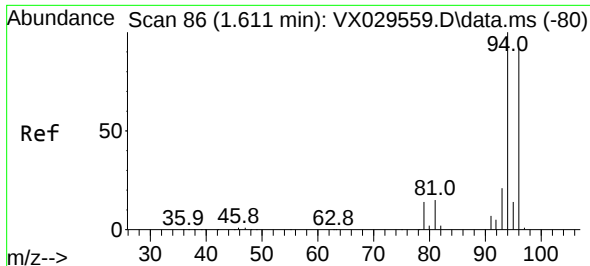
Tgt Ion:168 Resp: 270723
Ion Ratio Lower Upper
168 100
99 61.4 41.7 62.5



#3
Chloromethane
Concen: 0.350 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029598.D
Acq: 19 Jun 2022 03:03

Tgt Ion: 50 Resp: 1236
Ion Ratio Lower Upper
50 100
52 31.6 26.4 39.6

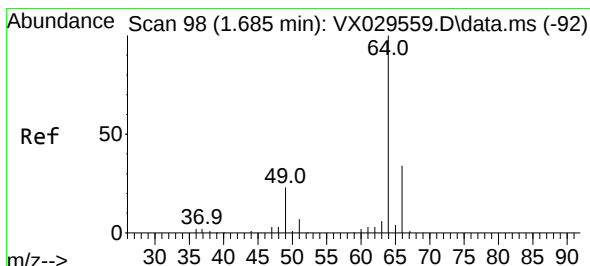
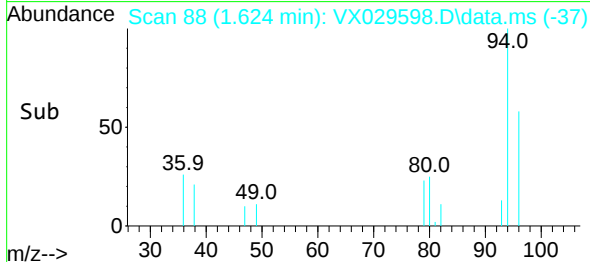
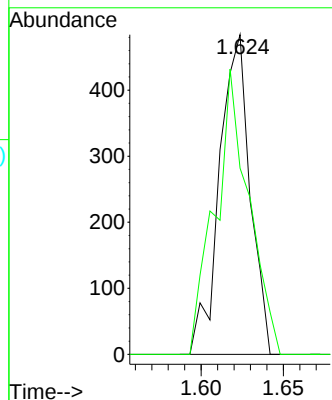
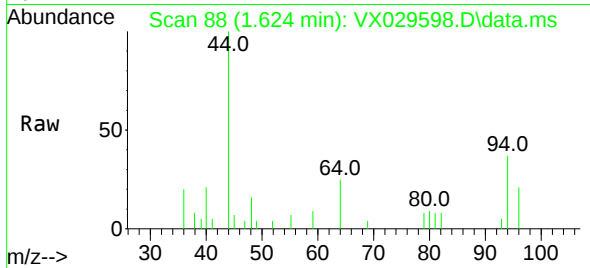




#5
Bromomethane
Concen: 0.377 ug/l
RT: 1.624 min Scan# 81
Delta R.T. 0.013 min
Lab File: VX029598.D
Acq: 19 Jun 2022 03:03

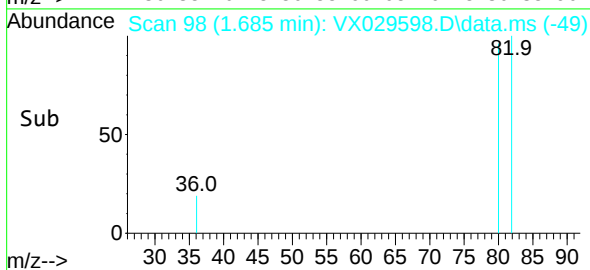
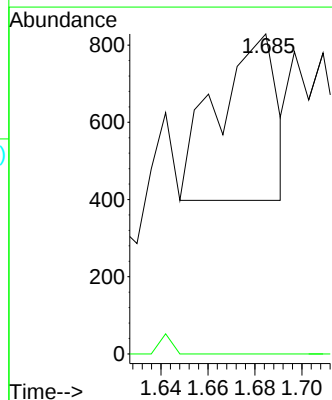
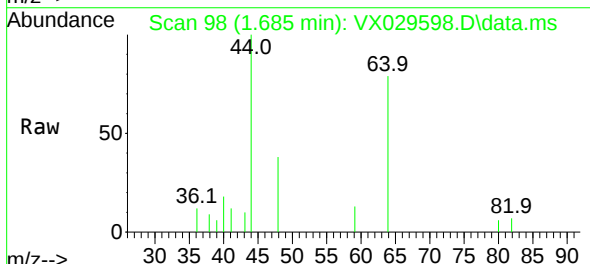
Instrument :
MSVOA_X
ClientSampleId :
MW-33

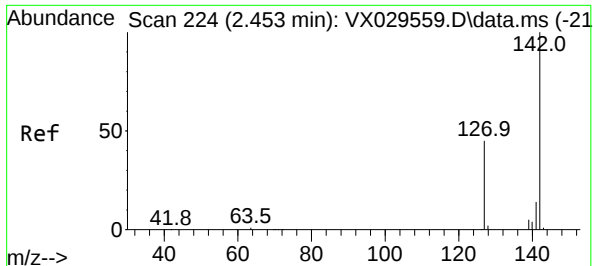
Tgt Ion: 94 Resp: 626
Ion Ratio Lower Upper
94 100
96 58.3 75.3 112.9#



#6
Chloroethane
Concen: 1.581 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX029598.D
Acq: 19 Jun 2022 03:03

Tgt Ion: 64 Resp: 754
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

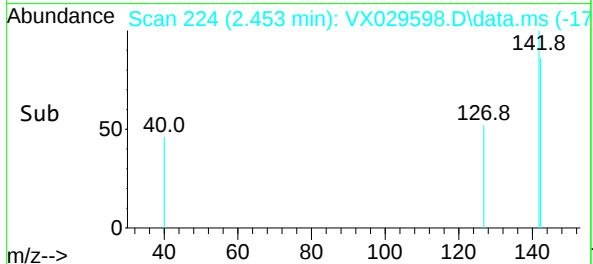
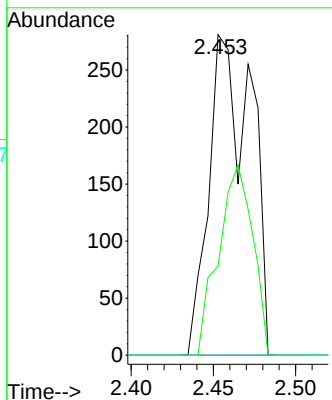
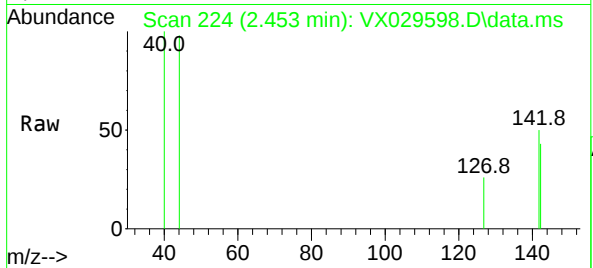




#10
Methyl Iodide
Concen: 3.162 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029598.D
Acq: 19 Jun 2022 03:03

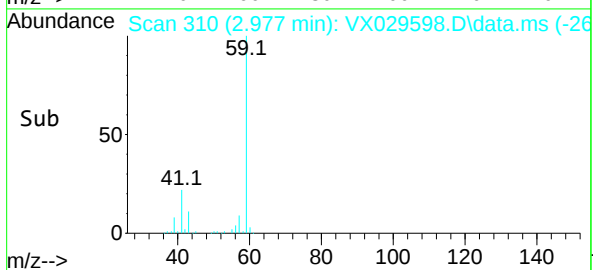
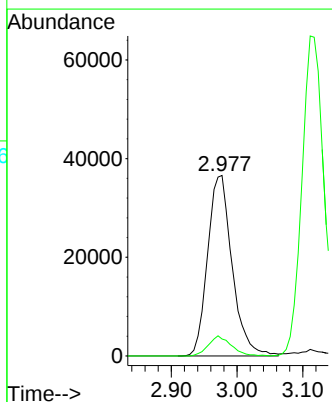
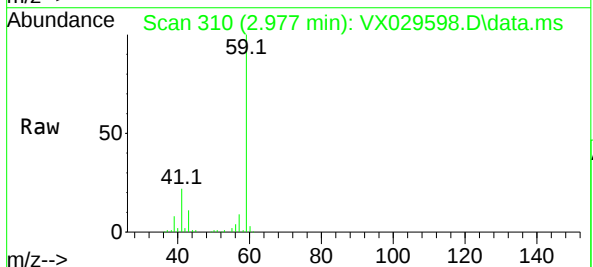
Instrument :
MSVOA_X
ClientSampleId :
MW-33

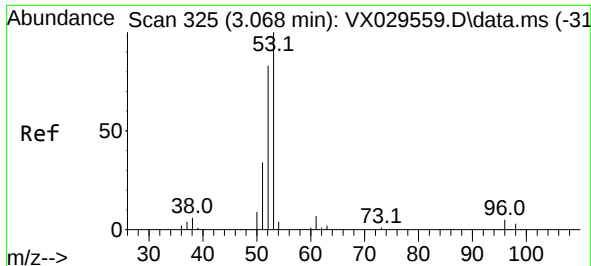
Tgt Ion:142 Resp: 499
Ion Ratio Lower Upper
142 100
127 48.7 33.9 50.9
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 116.580 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX029598.D
Acq: 19 Jun 2022 03:03

Tgt Ion: 59 Resp: 94900
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5





#15

Acrylonitrile

Concen: 3.860 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.049 min

Lab File: VX029598.D

Acq: 19 Jun 2022 03:03

Instrument :

MSVOA_X

ClientSampleId :

MW-33

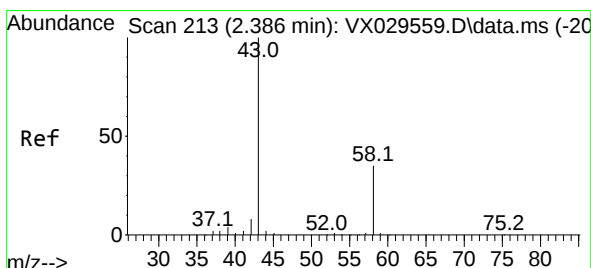
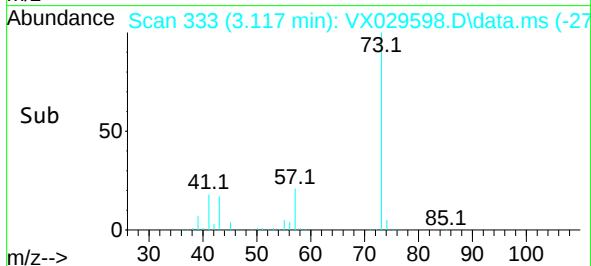
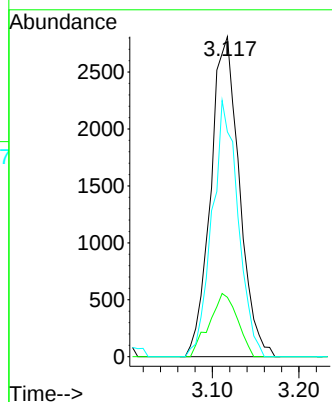
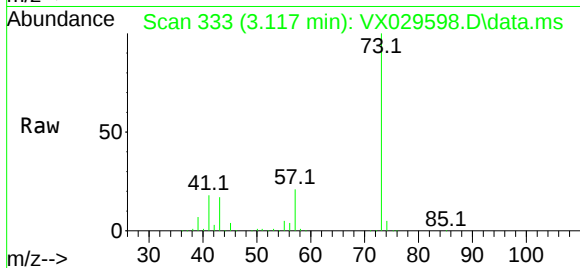
Tgt Ion: 53 Resp: 6470

Ion Ratio Lower Upper

53 100

52 19.4 65.7 98.5#

51 72.3 28.4 42.6#



#16

Acetone

Concen: 1.556 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX029598.D

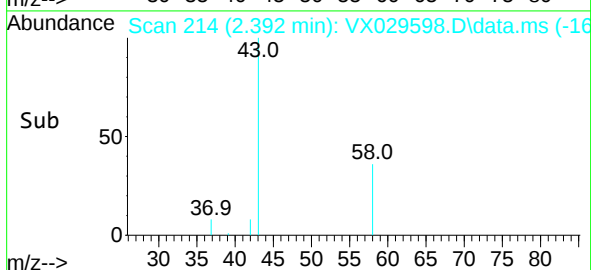
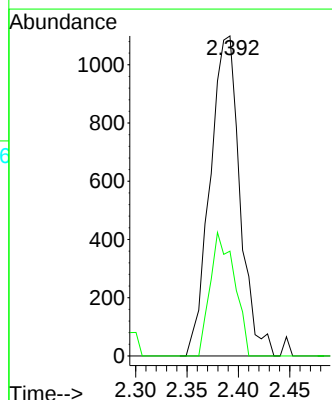
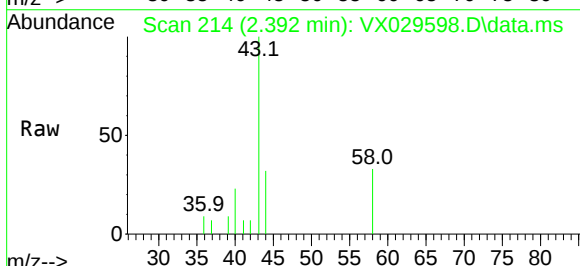
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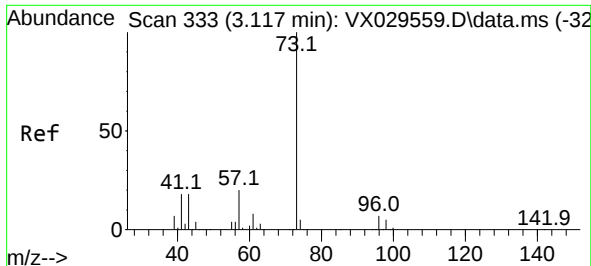
Tgt Ion: 43 Resp: 2222

Ion Ratio Lower Upper

43 100

58 32.8 28.8 43.2

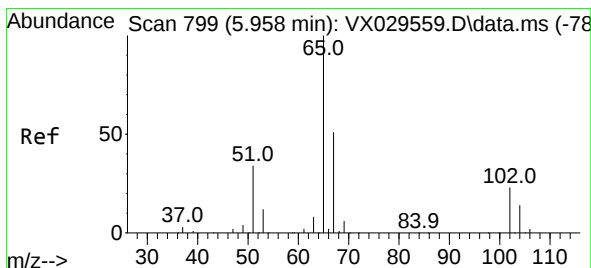
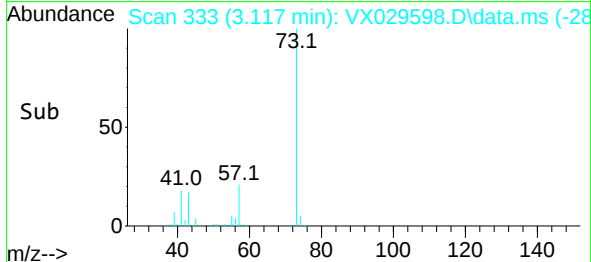
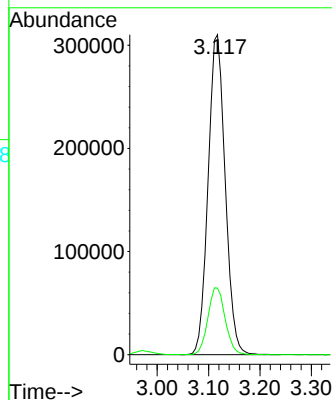
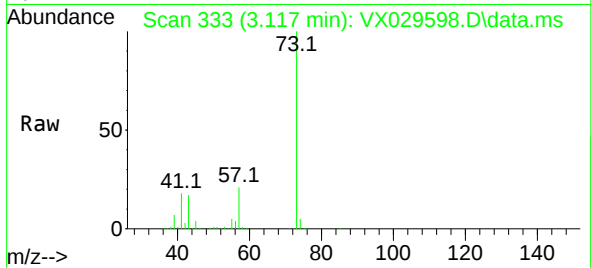




#19
Methyl tert-butyl Ether
Concen: 75.199 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX029598.D
Acq: 19 Jun 2022 03:03

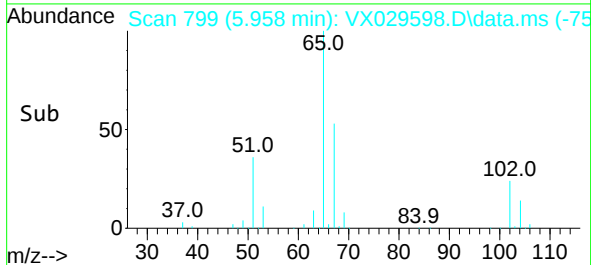
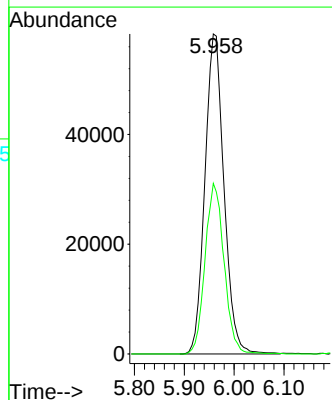
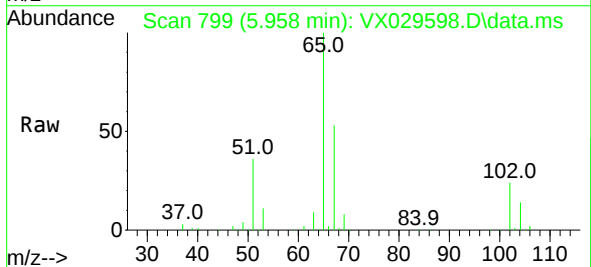
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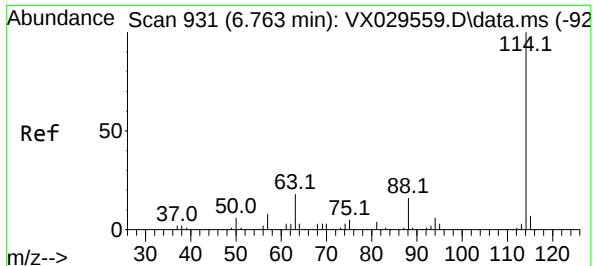
Tgt Ion: 73 Resp: 716034
Ion Ratio Lower Upper
73 100
57 20.8 16.8 25.2



#33
1,2-Dichloroethane-d4
Concen: 43.220 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029598.D
Acq: 19 Jun 2022 03:03

Tgt Ion: 65 Resp: 154884
Ion Ratio Lower Upper
65 100
67 53.1 0.0 107.4

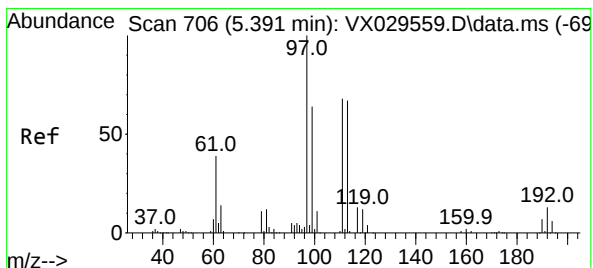
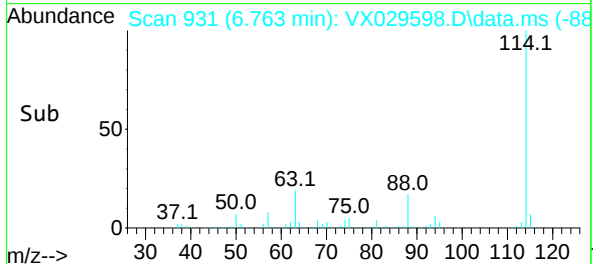
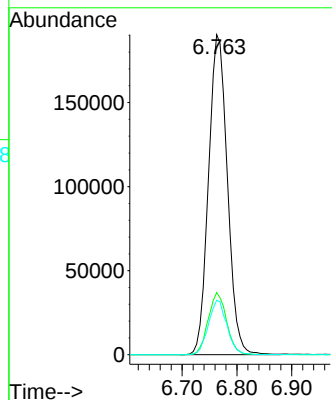
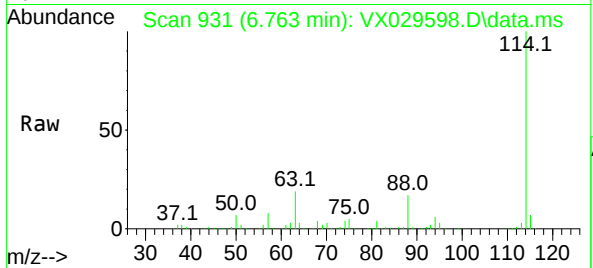




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029598.D
Acq: 19 Jun 2022 03:03

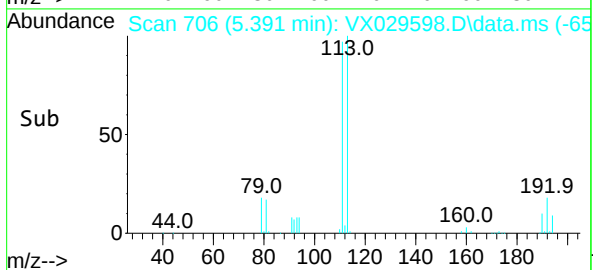
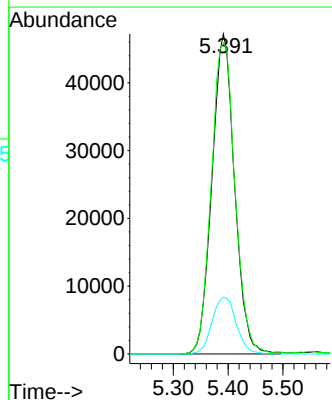
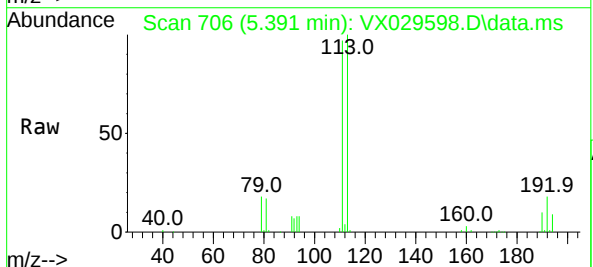
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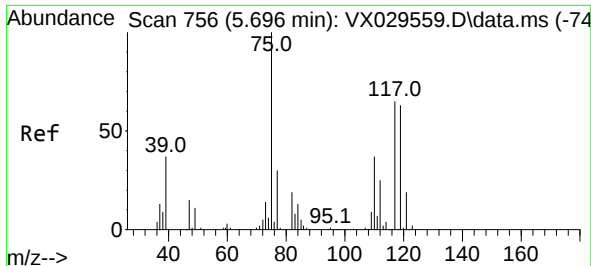
Tgt Ion:114 Resp: 454312
Ion Ratio Lower Upper
114 100
63 19.4 0.0 36.8
88 17.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.606 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029598.D
Acq: 19 Jun 2022 03:03

Tgt Ion:113 Resp: 135026
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 18.9 16.9 25.3





#36

1,1-Dichloropropene

Concen: 5.122 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX029598.D

Acq: 19 Jun 2022 03:03

Instrument :

MSVOA_X

ClientSampleId :

MW-33

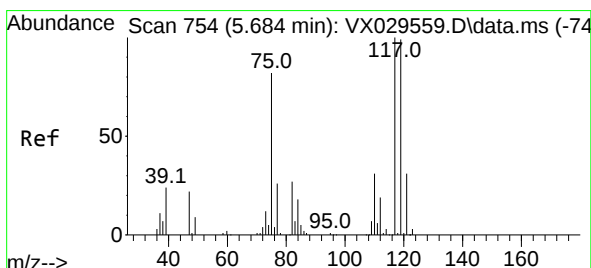
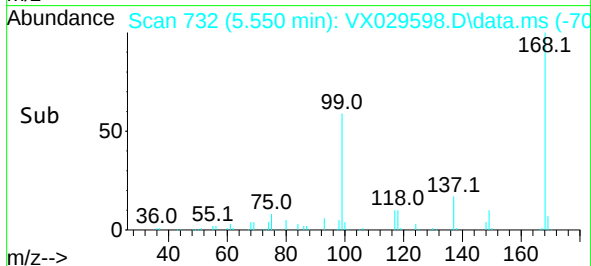
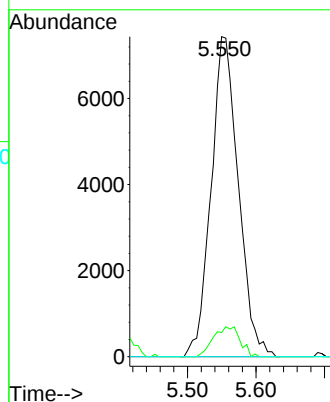
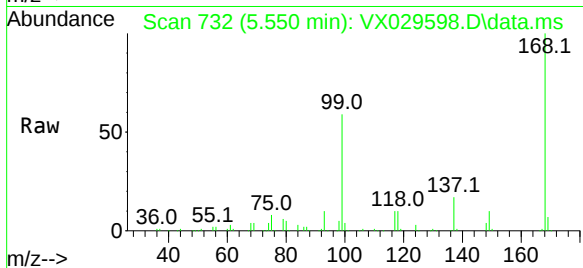
Tgt Ion: 75 Resp: 20526

Ion Ratio Lower Upper

75 100

110 9.2 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 7.223 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX029598.D

Acq: 19 Jun 2022 03:03

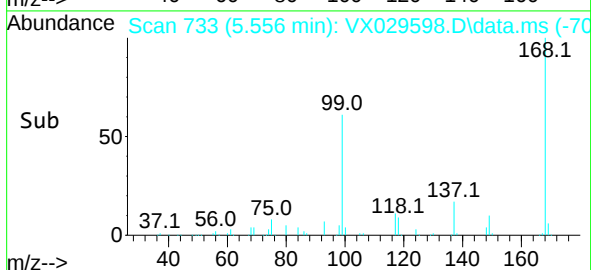
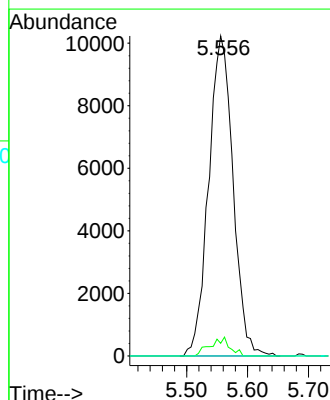
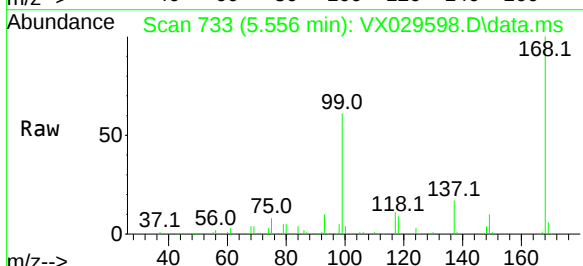
Tgt Ion: 117 Resp: 28464

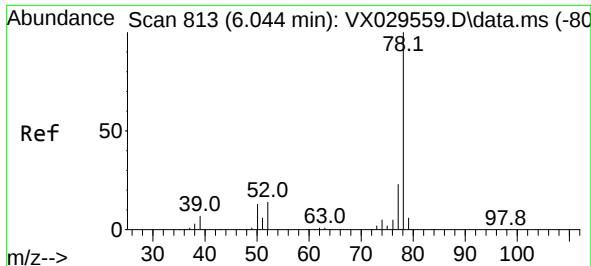
Ion Ratio Lower Upper

117 100

119 4.0 77.3 115.9#

121 0.0 24.2 36.2#





#40

Benzene

Concen: 1.073 ug/l

RT: 6.050 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX029598.D

Acq: 19 Jun 2022 03:03

Instrument :

MSVOA_X

ClientSampleId :

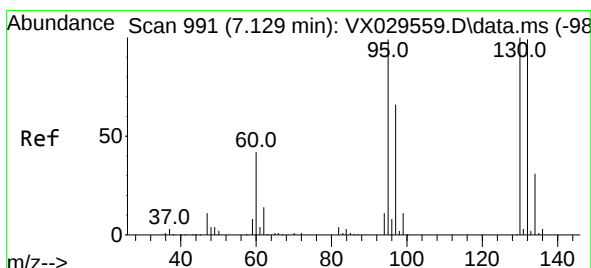
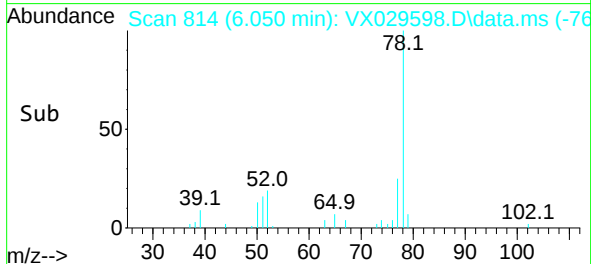
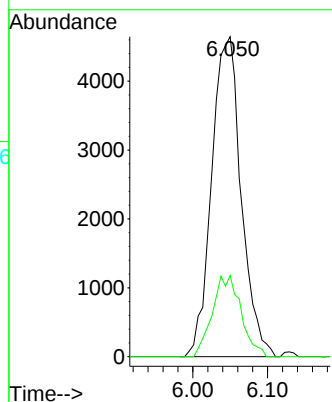
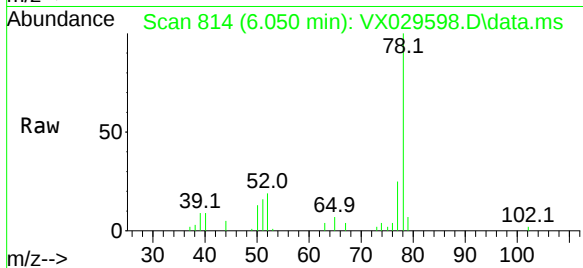
MW-33

Tgt Ion: 78 Resp: 12748

Ion Ratio Lower Upper

78 100

77 25.4 19.3 28.9



#44

Trichloroethene

Concen: Below Cal

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX029598.D

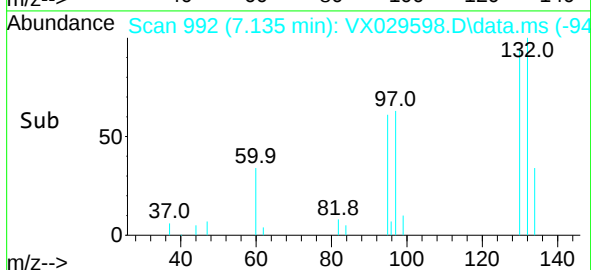
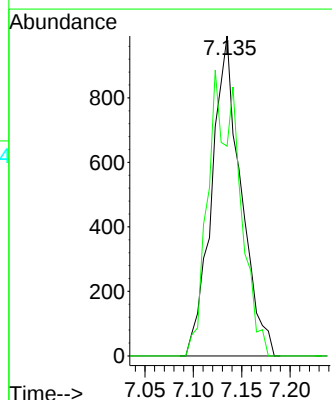
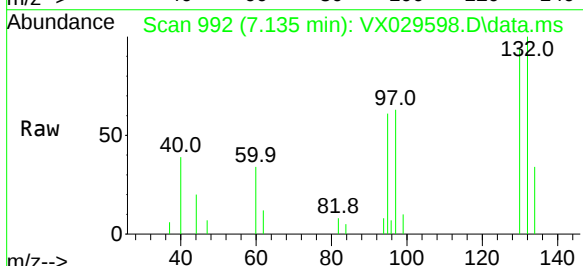
Acq: 19 Jun 2022 03:03

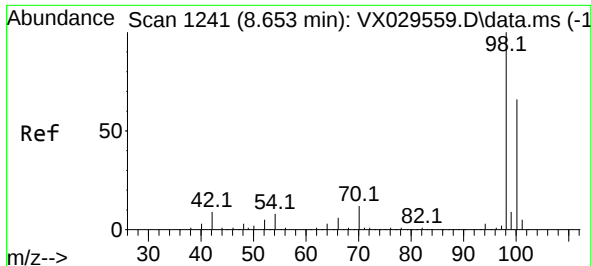
Tgt Ion:130 Resp: 2084

Ion Ratio Lower Upper

130 100

95 65.5 0.0 188.8

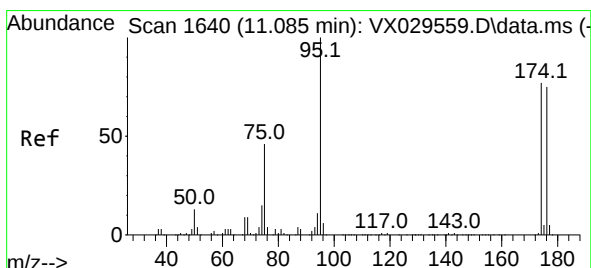
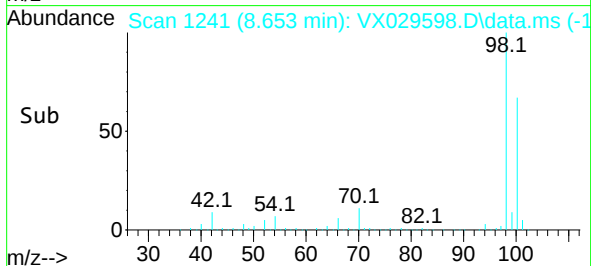
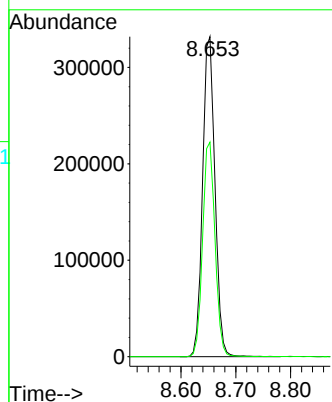
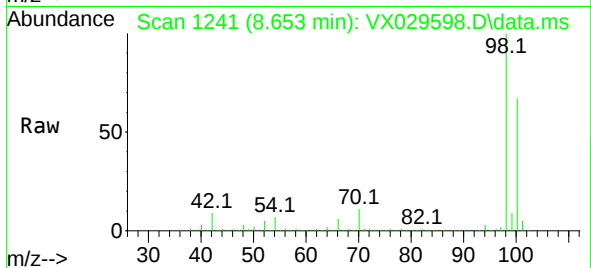




#50
Toluene-d8
Concen: 47.937 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029598.D
Acq: 19 Jun 2022 03:03

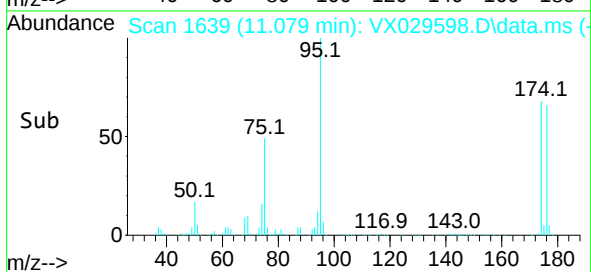
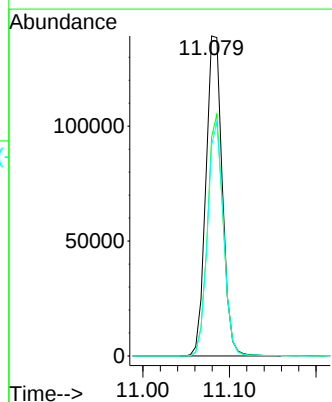
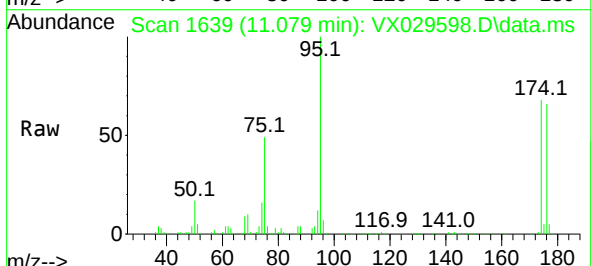
Instrument :
MSVOA_X
ClientSampleId :
MW-33

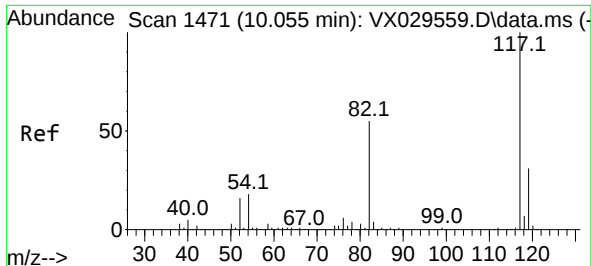
Tgt Ion: 98 Resp: 518489
Ion Ratio Lower Upper
98 100
100 67.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 44.957 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029598.D
Acq: 19 Jun 2022 03:03

Tgt Ion: 95 Resp: 183371
Ion Ratio Lower Upper
95 100
174 72.4 0.0 163.0
176 71.0 0.0 155.0

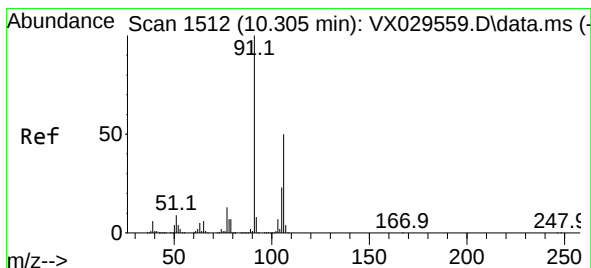
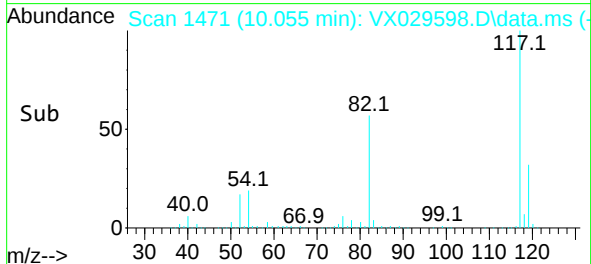
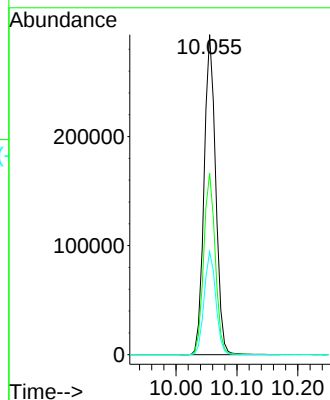
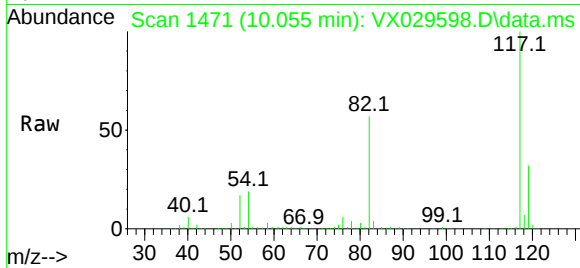




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029598.D
Acq: 19 Jun 2022 03:03

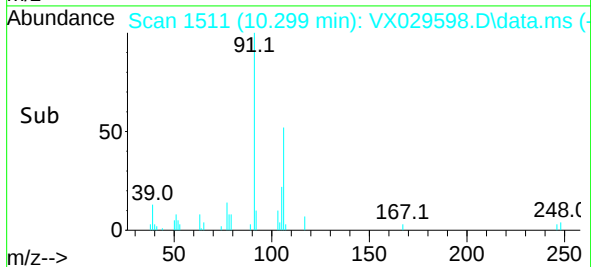
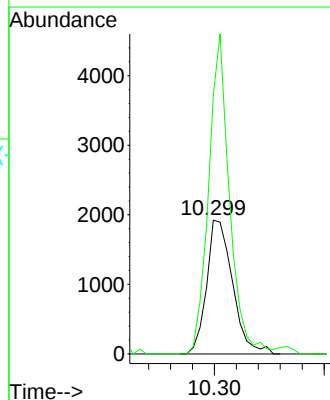
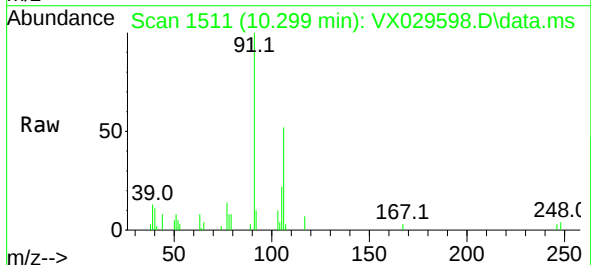
Instrument :
MSVOA_X
ClientSampleId :
MW-33

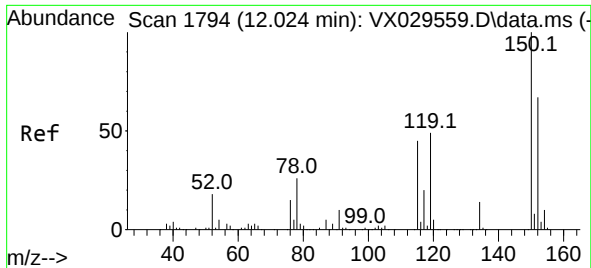
Tgt Ion:117 Resp: 389388
Ion Ratio Lower Upper
117 100
82 56.7 41.8 62.8
119 32.2 24.8 37.2



#68
m/p-Xylenes
Concen: 0.589 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX029598.D
Acq: 19 Jun 2022 03:03

Tgt Ion:106 Resp: 3156
Ion Ratio Lower Upper
106 100
91 192.6 160.4 240.6

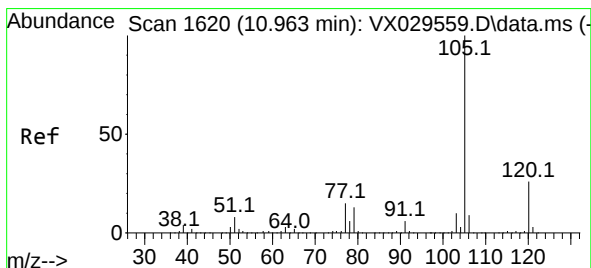
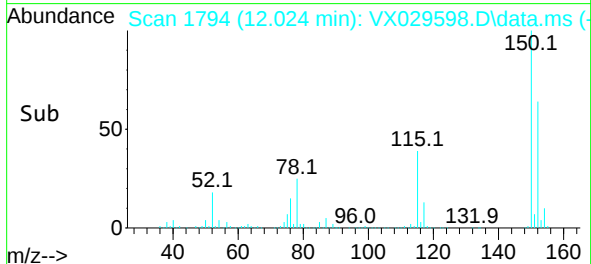
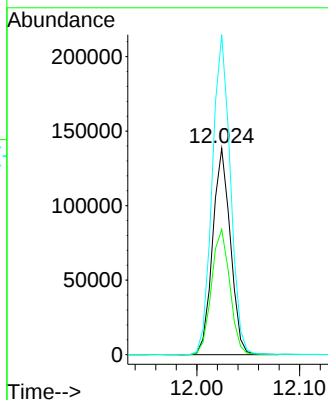
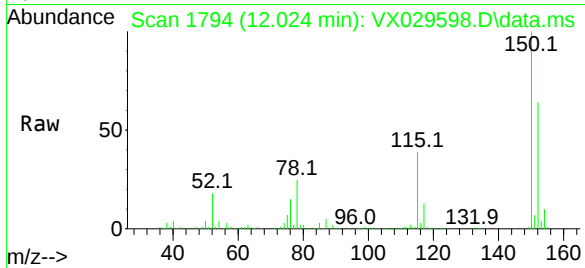




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029598.D
Acq: 19 Jun 2022 03:03

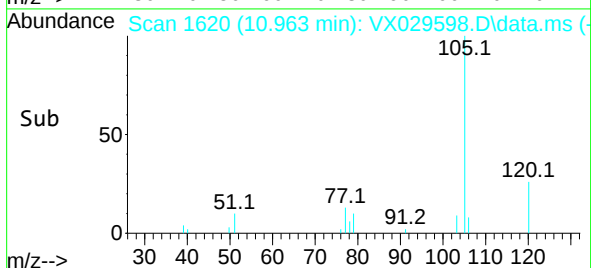
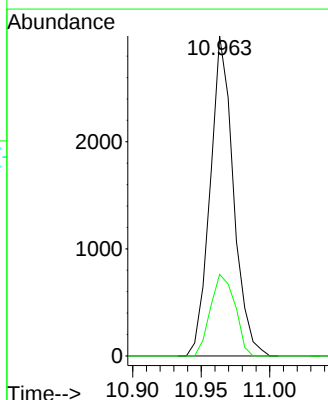
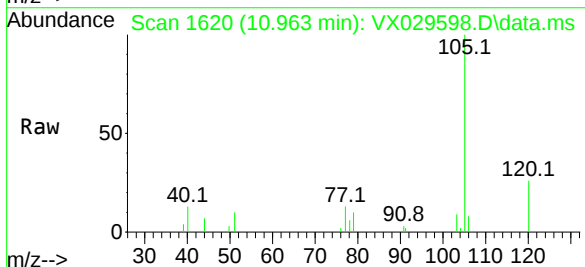
Instrument :
MSVOA_X
ClientSampleId :
MW-33

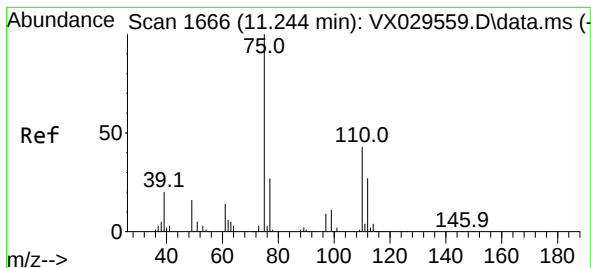
Tgt Ion:152 Resp: 166054
Ion Ratio Lower Upper
152 100
115 62.9 37.5 112.7
150 158.4 0.0 338.2



#73
Isopropylbenzene
Concen: 0.283 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029598.D
Acq: 19 Jun 2022 03:03

Tgt Ion:105 Resp: 3519
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.5





#76

1,2,3-Trichloropropane

Concen: 24.473 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX029598.D

Acq: 19 Jun 2022 03:03

Instrument :

MSVOA_X

ClientSampleId :

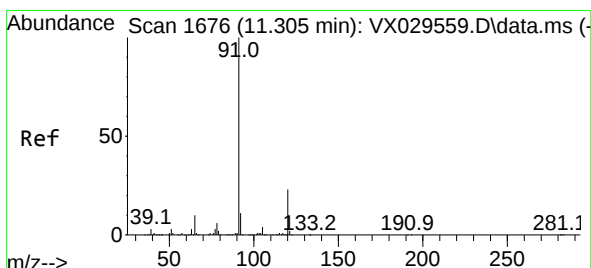
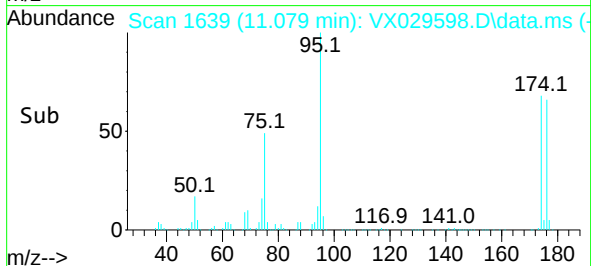
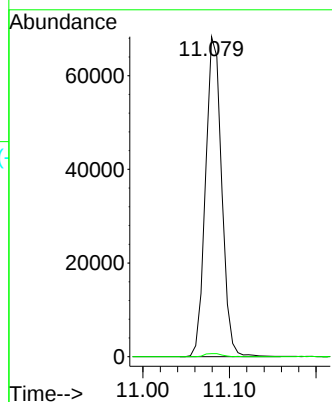
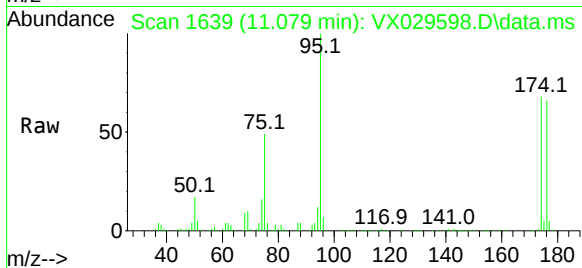
MW-33

Tgt Ion: 75 Resp: 88529

Ion Ratio Lower Upper

75 100

77 1.1 19.4 58.2#



#78

n-propylbenzene

Concen: 0.433 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX029598.D

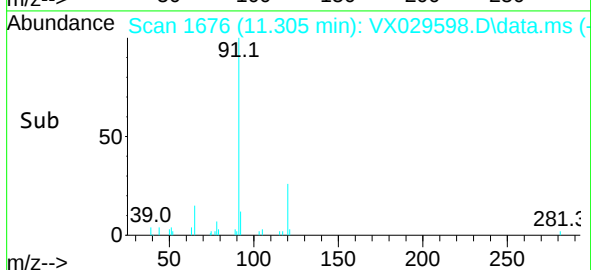
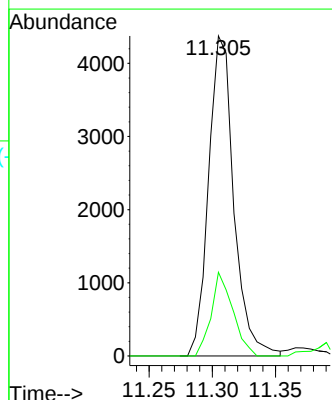
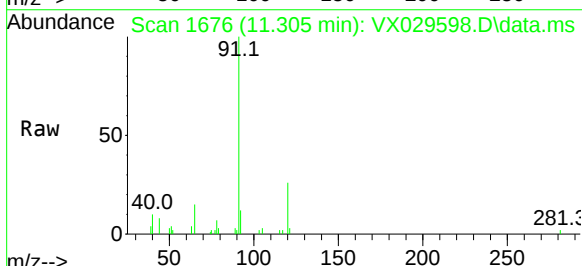
Acq: 19 Jun 2022 03:03

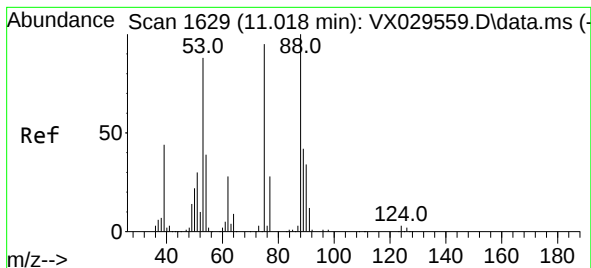
Tgt Ion: 91 Resp: 6068

Ion Ratio Lower Upper

91 100

120 22.4 11.6 34.8

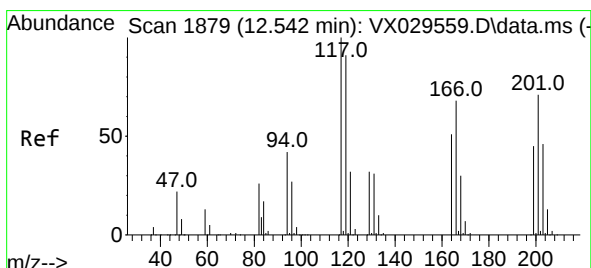
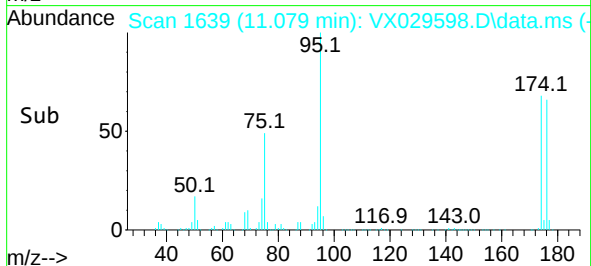
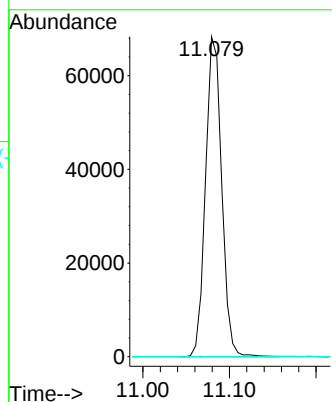
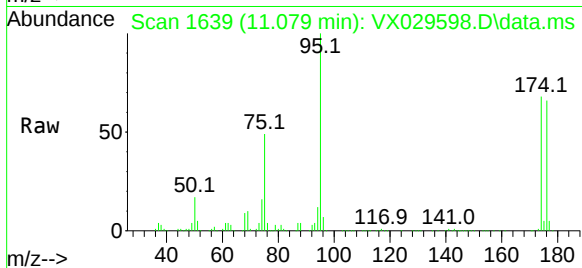




#81
trans-1,4-Dichloro-2-butene
Concen: 81.414 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029598.D
Acq: 19 Jun 2022 03:03

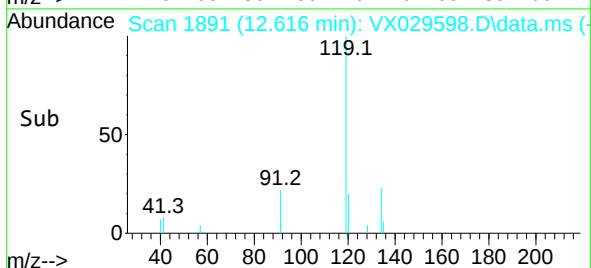
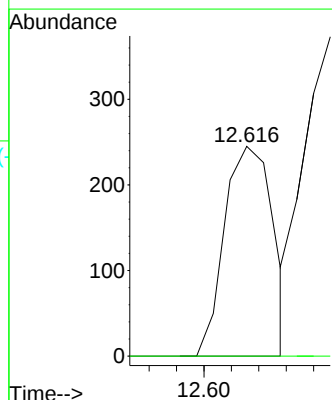
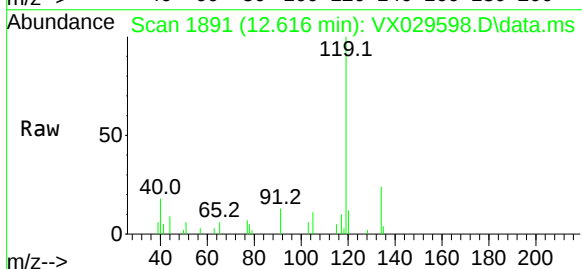
Instrument :
MSVOA_X
ClientSampleId :
MW-33

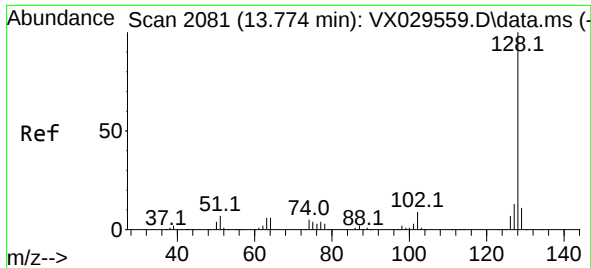
Tgt Ion: 75 Resp: 88529
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#90
Hexachloroethane
Concen: 0.200 ug/l
RT: 12.616 min Scan# 1891
Delta R.T. 0.074 min
Lab File: VX029598.D
Acq: 19 Jun 2022 03:03

Tgt Ion: 117 Resp: 304
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#





#95

Naphthalene

Concen: 0.211 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX029598.D

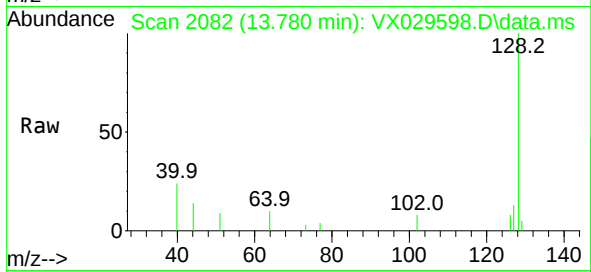
Acq: 19 Jun 2022 03:03

Instrument :

MSVOA_X

ClientSampleId :

MW-33



Tgt Ion:128 Resp: 2462

Ion Ratio Lower Upper

128 100

127 14.6 10.2 15.4

129 9.9 8.7 13.1

