

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060122\
 Data File : VX029128.D
 Acq On : 01 Jun 2022 19:04
 Operator : JC/MD
 Sample : N3087-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14

Quant Time: Jun 02 09:13:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

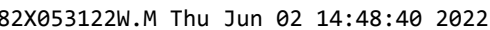
Internal Standards						
1) Pentafluorobenzene	5.556	168	352683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	598498	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	598239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	322040	50.000	ug/l	0.00

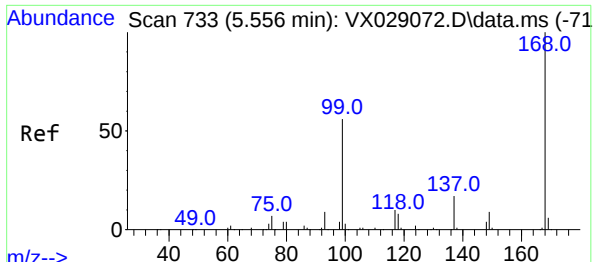
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	186091	46.792	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.580%
35) Dibromofluoromethane	5.391	113	192081	48.318	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.640%
50) Toluene-d8	8.653	98	703388	48.378	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.760%
62) 4-Bromofluorobenzene	11.085	95	288994	51.420	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.840%

Target Compounds						Qvalue
16) Acetone	2.379	43	4373	2.792	ug/l	89
17) Carbon Disulfide	2.520	76	5026	0.576	ug/l	97
31) Cyclohexane	5.513	56	18966	3.668	ug/l #	45
39) Methylcyclohexane	7.378	83	38351	6.065	ug/l	90
40) Benzene	6.043	78	12854	0.848	ug/l	99
52) Toluene	8.720	92	15388	1.521	ug/l	94
67) Ethyl Benzene	10.195	91	279418	13.531	ug/l	96
68) m/p-Xylenes	10.305	106	36094	4.352	ug/l	95
69) o-Xylene	10.646	106	37045	4.520	ug/l	99
70) Styrene	10.658	104	24413	1.790	ug/l #	85
73) Isopropylbenzene	10.963	105	1475445	68.177	ug/l	99
78) n-propylbenzene	11.305	91	1581936	65.723	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	372295	20.094	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	7531157	407.235	ug/l	87
85) sec-Butylbenzene	11.890	105	89019m	4.004	ug/l	
86) p-Isopropyltoluene	12.012	119	290083	14.925	ug/l	89

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

Quant Time: Jun 02 09:13:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
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Response via : Initial Calibration

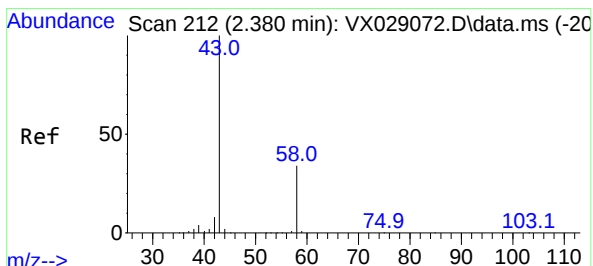
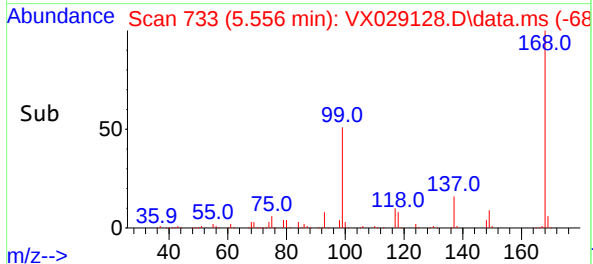
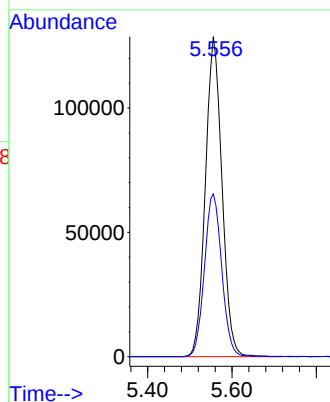
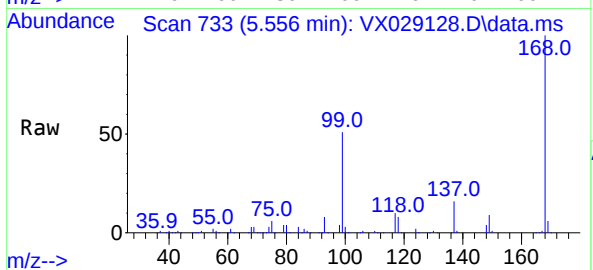




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029128.D
Acq: 01 Jun 2022 19:04

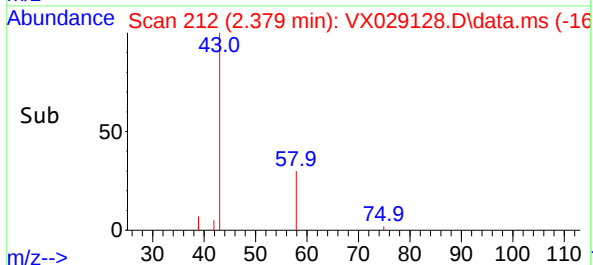
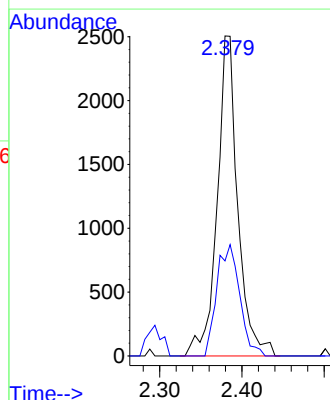
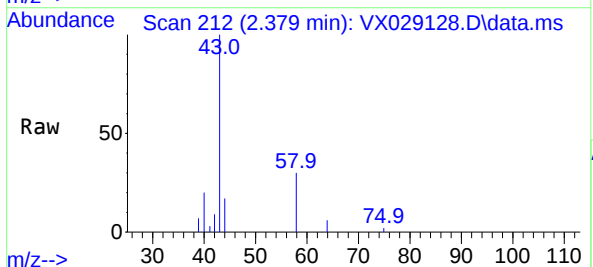
Instrument :
MSVOA_X
ClientSampleId :
MW-14

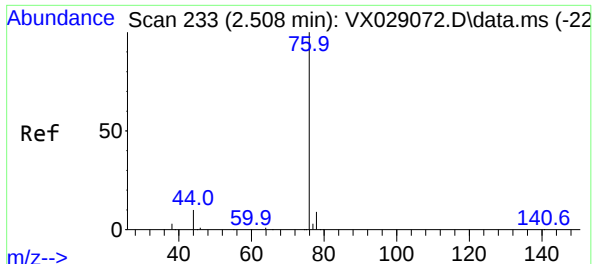
Tgt Ion:168 Resp: 352683
Ion Ratio Lower Upper
168 100
99 50.9 41.7 62.5



#16
Acetone
Concen: 2.792 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX029128.D
Acq: 01 Jun 2022 19:04

Tgt Ion: 43 Resp: 4373
Ion Ratio Lower Upper
43 100
58 29.7 28.8 43.2

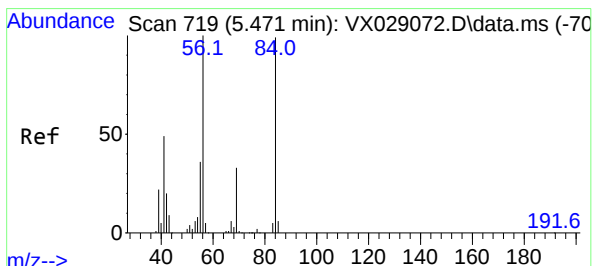
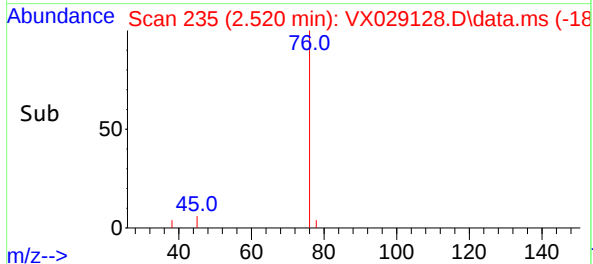
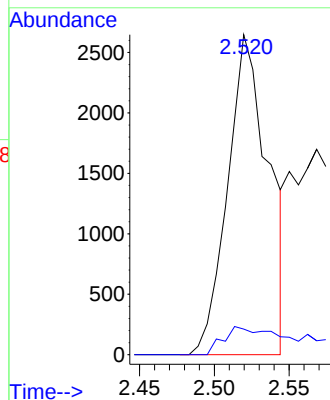
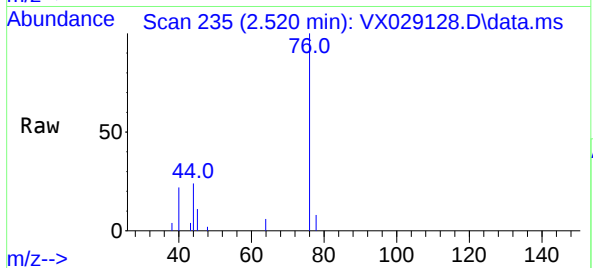




#17
Carbon Disulfide
Concen: 0.576 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029128.D
Acq: 01 Jun 2022 19:04

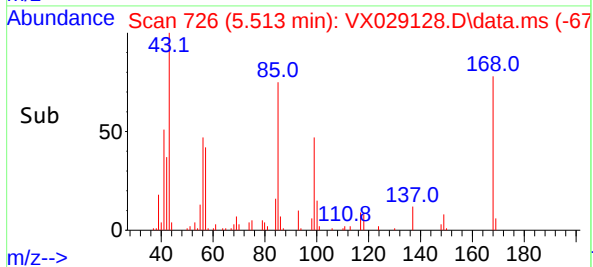
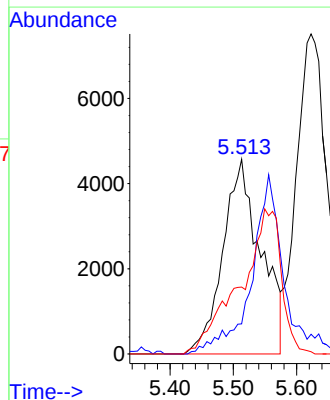
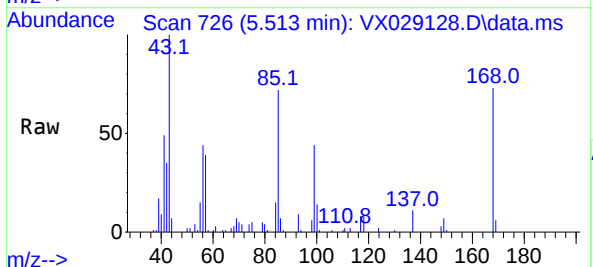
Instrument :
MSVOA_X
ClientSampleId :
MW-14

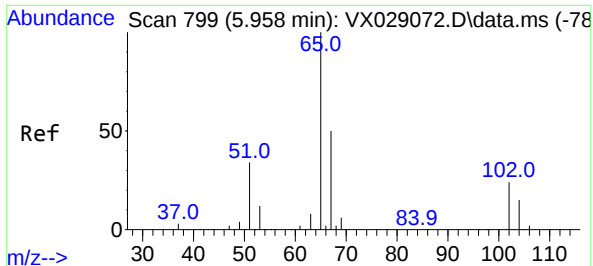
Tgt Ion: 76 Resp: 5026
Ion Ratio Lower Upper
76 100
78 8.0 7.2 10.8



#31
Cyclohexane
Concen: 3.668 ug/l
RT: 5.513 min Scan# 726
Delta R.T. 0.042 min
Lab File: VX029128.D
Acq: 01 Jun 2022 19:04

Tgt Ion: 56 Resp: 18966
Ion Ratio Lower Upper
56 100
69 15.4 26.7 40.1#
84 34.3 77.2 115.8#

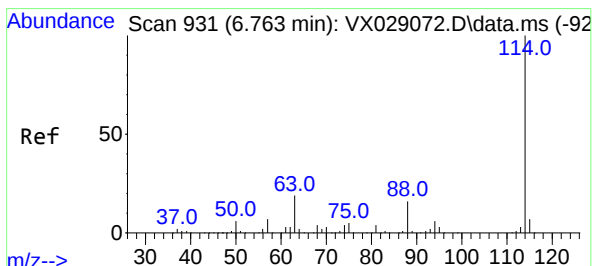
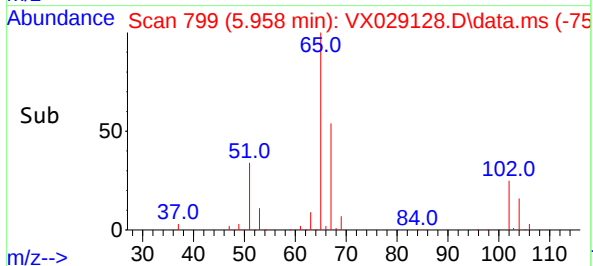
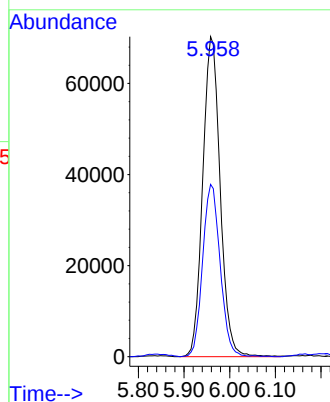
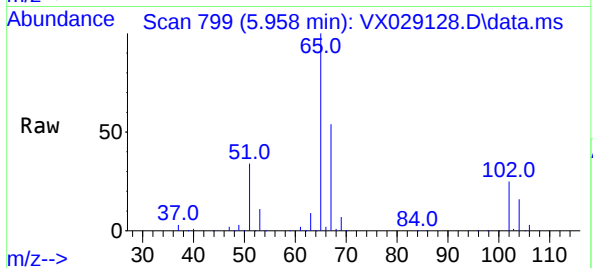




#33
 1,2-Dichloroethane-d4
 Concen: 46.792 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX029128.D
 Acq: 01 Jun 2022 19:04

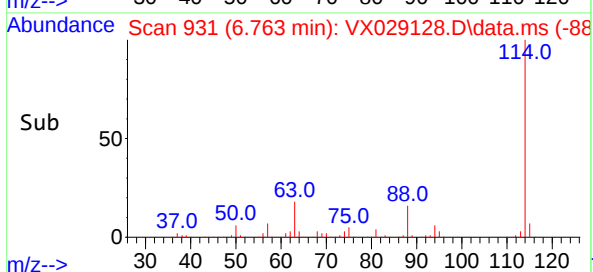
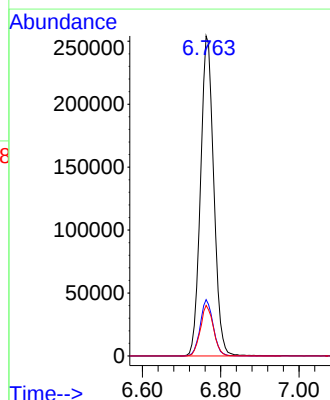
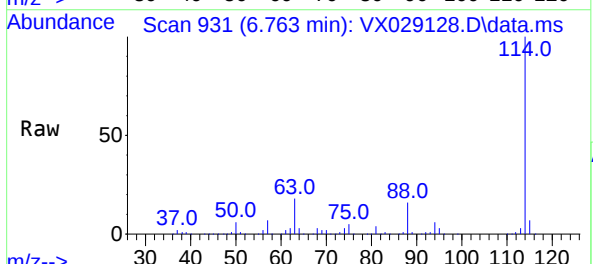
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14

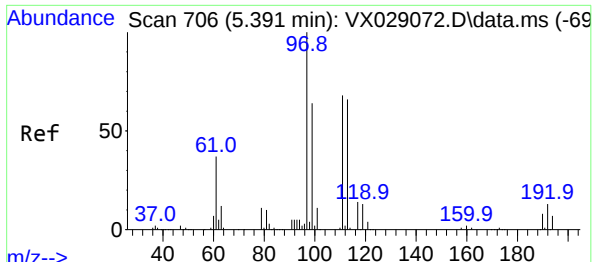
Tgt Ion: 65 Resp: 186091
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX029128.D
 Acq: 01 Jun 2022 19:04

Tgt Ion: 114 Resp: 598498
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 36.8
 88 15.8 0.0 32.4



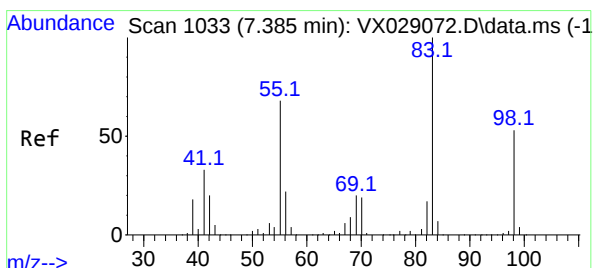
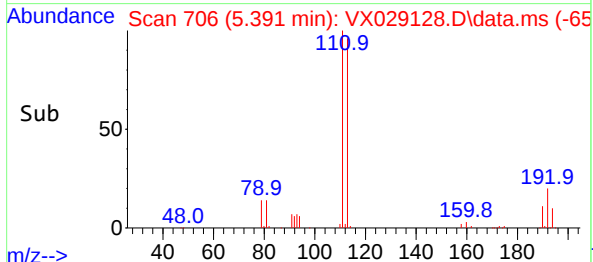
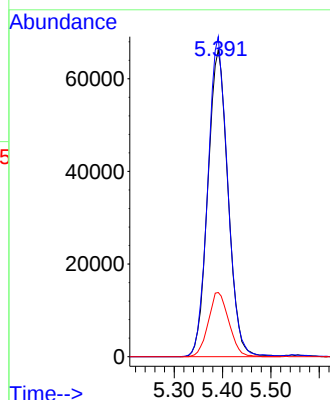
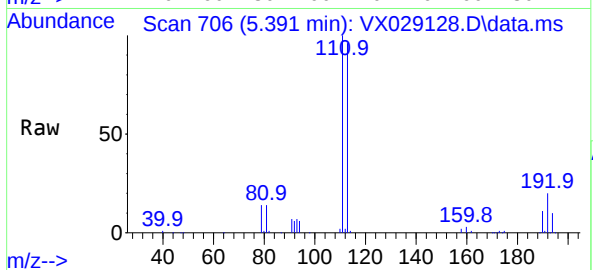


#35
Dibromofluoromethane
Concen: 48.318 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029128.D
Acq: 01 Jun 2022 19:04

Instrument :
MSVOA_X
ClientSampleId :
MW-14

Tgt Ion:113 Resp: 192081

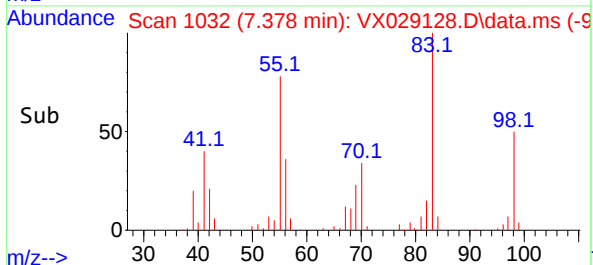
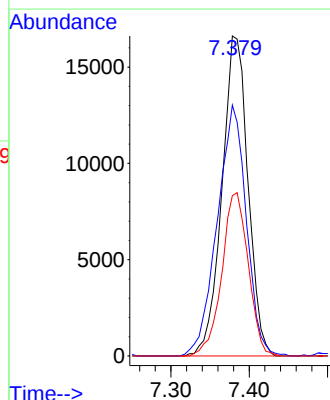
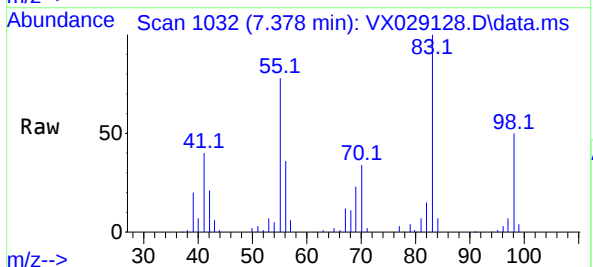
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.8	124.2
192	21.3	16.9	25.3

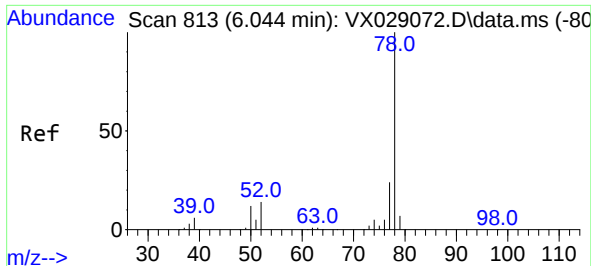


#39
Methylcyclohexane
Concen: 6.065 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX029128.D
Acq: 01 Jun 2022 19:04

Tgt Ion: 83 Resp: 38351

Ion	Ratio	Lower	Upper
83	100		
55	78.4	54.6	81.8
98	50.1	37.4	56.2

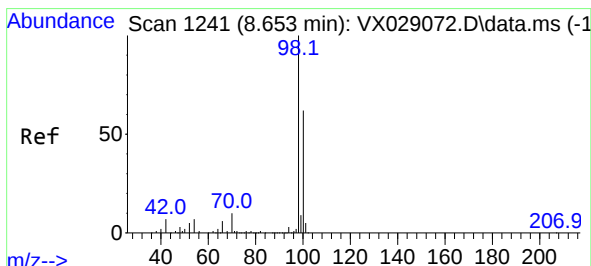
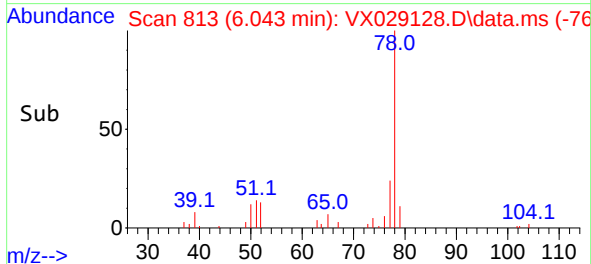
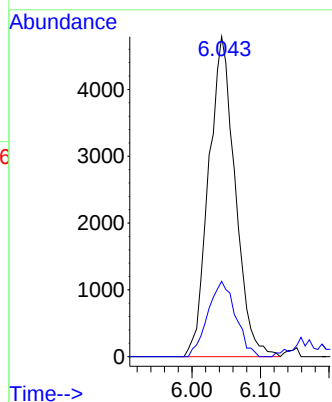
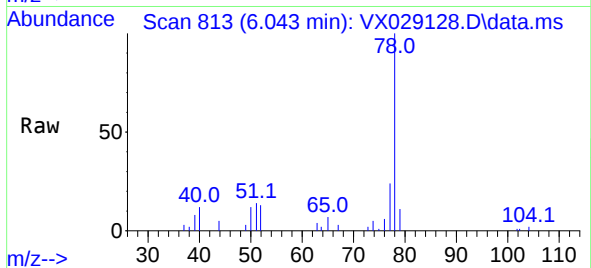




#40
Benzene
Concen: 0.848 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.001 min
Lab File: VX029128.D
Acq: 01 Jun 2022 19:04

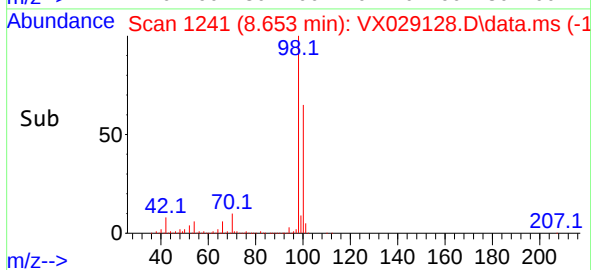
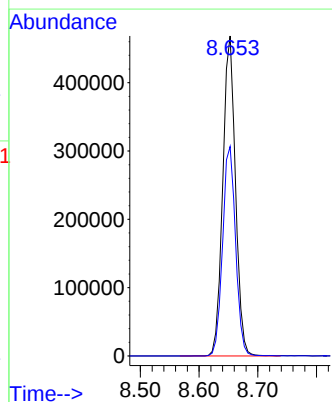
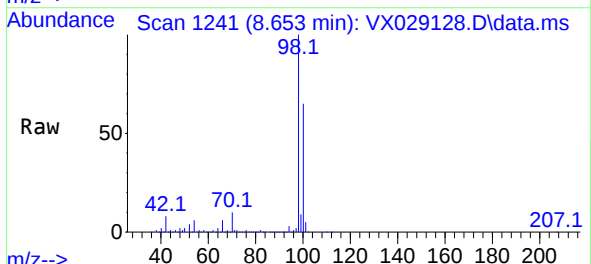
Instrument :
MSVOA_X
ClientSampleId :
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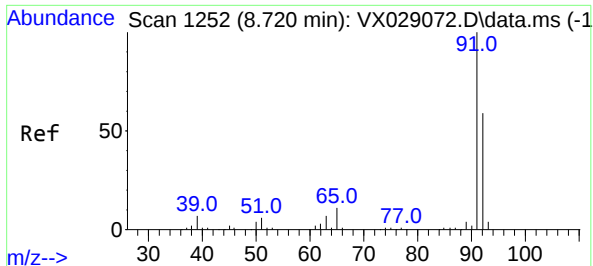
Tgt Ion: 78 Resp: 12854
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9



#50
Toluene-d8
Concen: 48.378 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029128.D
Acq: 01 Jun 2022 19:04

Tgt Ion: 98 Resp: 703388
Ion Ratio Lower Upper
98 100
100 66.9 52.6 78.8

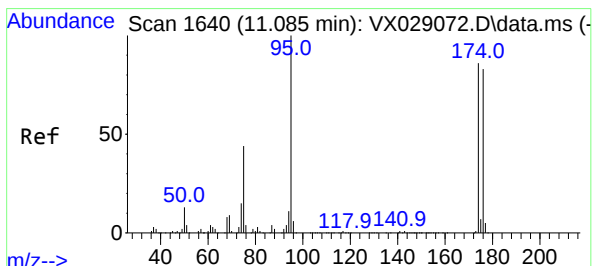
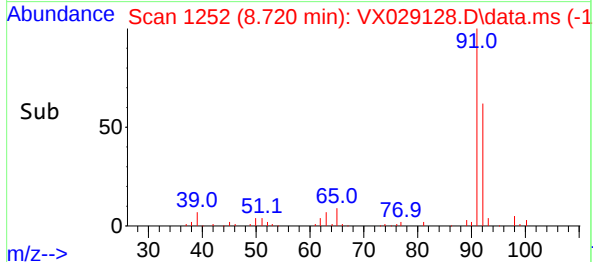
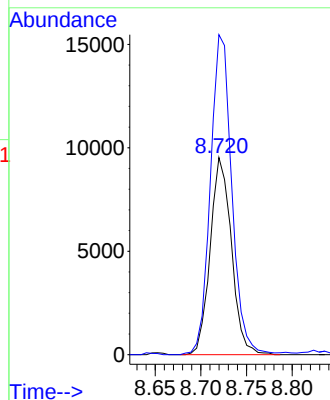
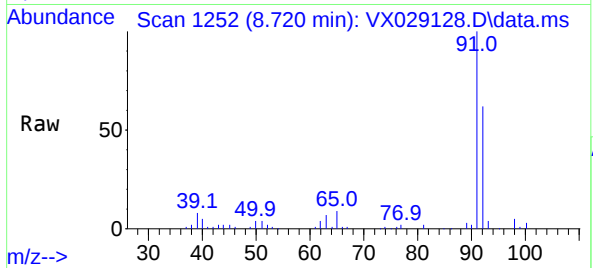




#52
Toluene
Concen: 1.521 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX029128.D
Acq: 01 Jun 2022 19:04

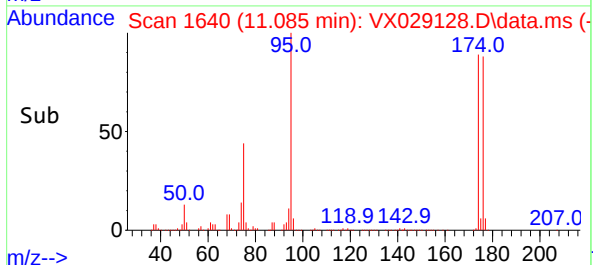
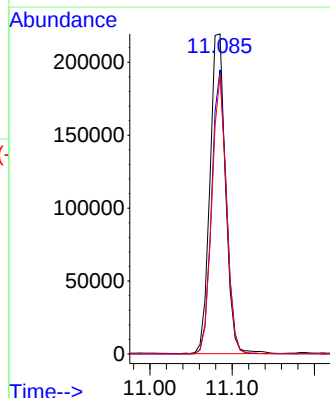
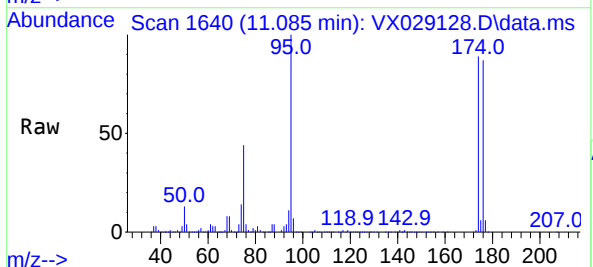
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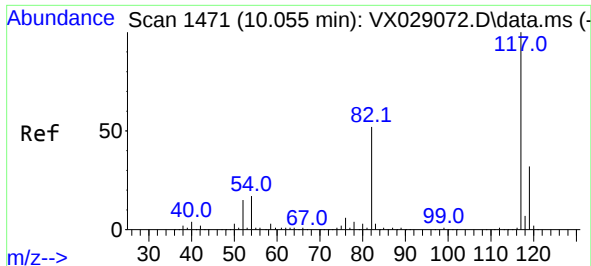
Tgt Ion: 92 Resp: 15388
Ion Ratio Lower Upper
92 100
91 163.3 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 51.420 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029128.D
Acq: 01 Jun 2022 19:04

Tgt Ion: 95 Resp: 288994
Ion Ratio Lower Upper
95 100
174 84.3 0.0 163.0
176 81.4 0.0 155.0

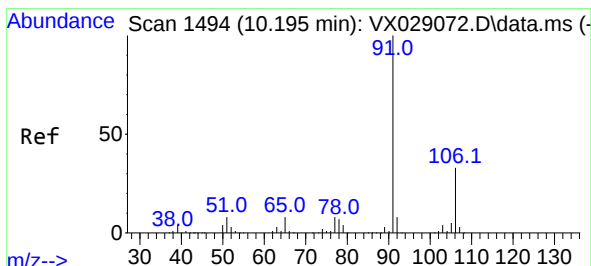
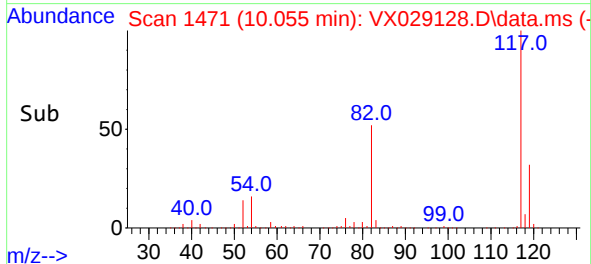
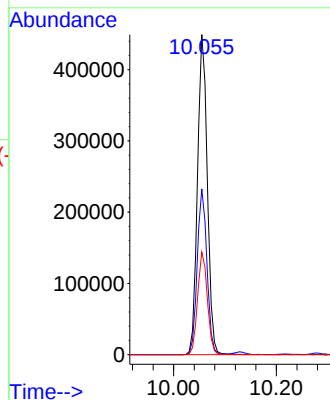
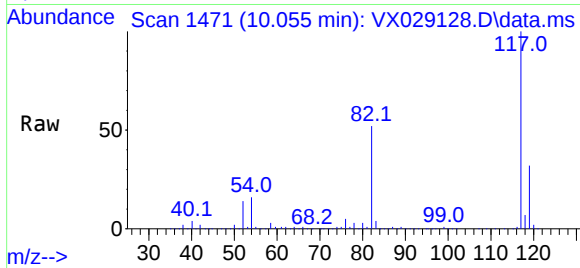




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029128.D
Acq: 01 Jun 2022 19:04

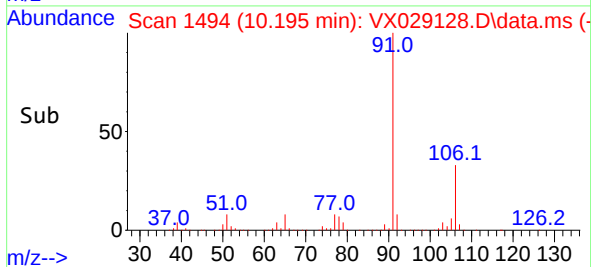
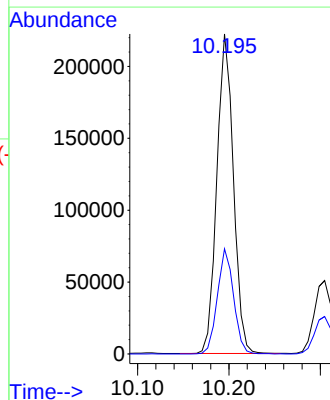
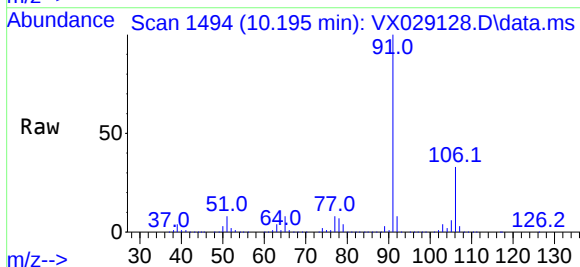
Instrument :
MSVOA_X
ClientSampleId :
MW-14

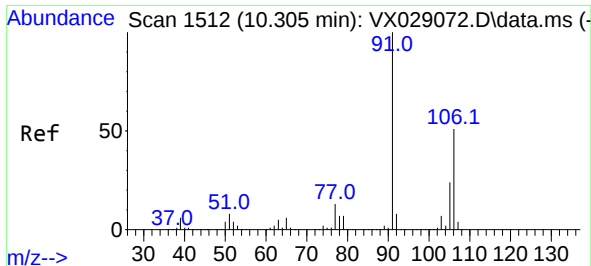
Tgt Ion:117 Resp: 598239
Ion Ratio Lower Upper
117 100
82 51.8 41.8 62.8
119 32.1 24.8 37.2



#67
Ethyl Benzene
Concen: 13.531 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029128.D
Acq: 01 Jun 2022 19:04

Tgt Ion: 91 Resp: 279418
Ion Ratio Lower Upper
91 100
106 32.9 24.6 36.8

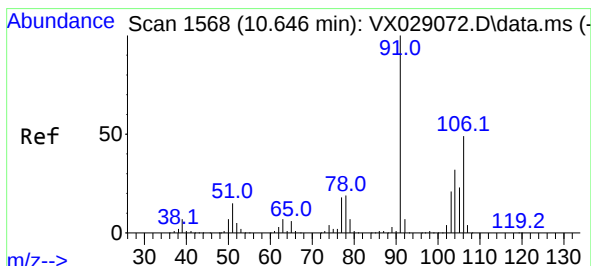
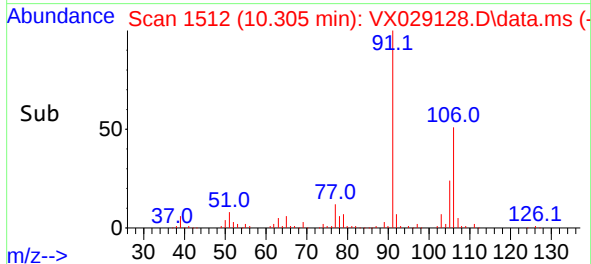
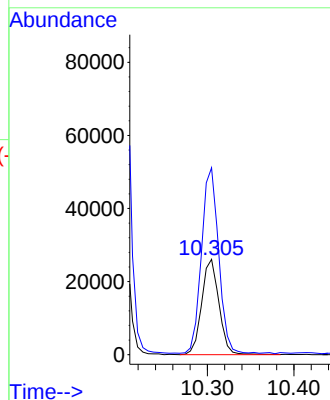
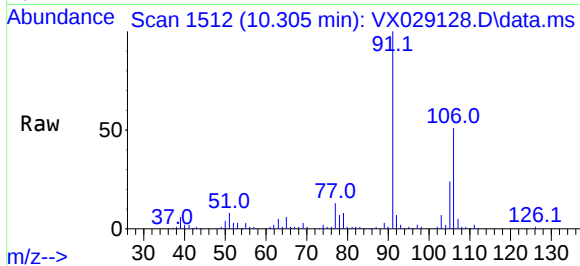




#68
m/p-Xylenes
Concen: 4.352 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029128.D
Acq: 01 Jun 2022 19:04

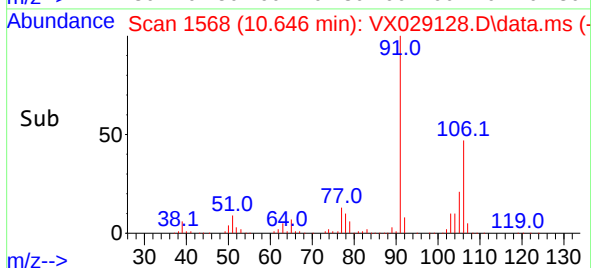
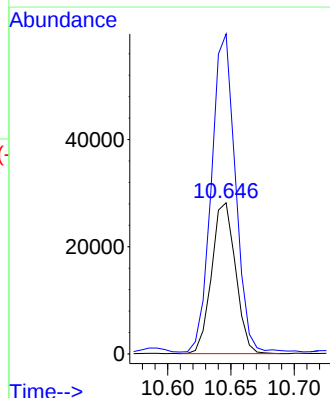
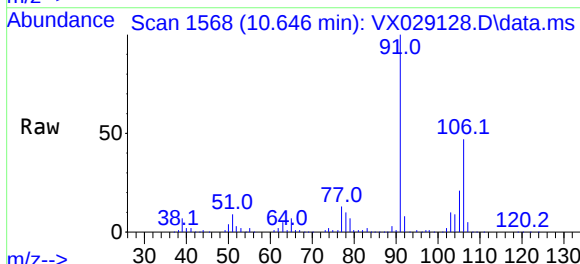
Instrument :
MSVOA_X
ClientSampleId :
MW-14

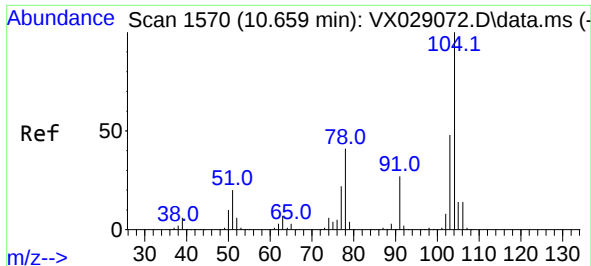
Tgt Ion:106 Resp: 36094
Ion Ratio Lower Upper
106 100
91 192.2 160.4 240.6



#69
o-Xylene
Concen: 4.520 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX029128.D
Acq: 01 Jun 2022 19:04

Tgt Ion:106 Resp: 37045
Ion Ratio Lower Upper
106 100
91 210.4 106.1 318.1

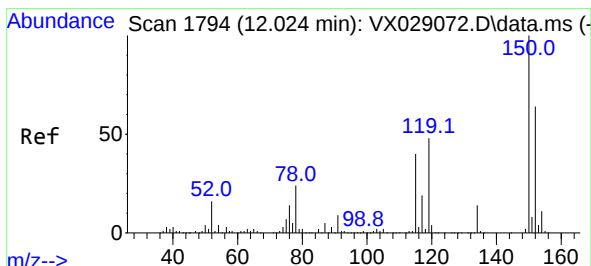
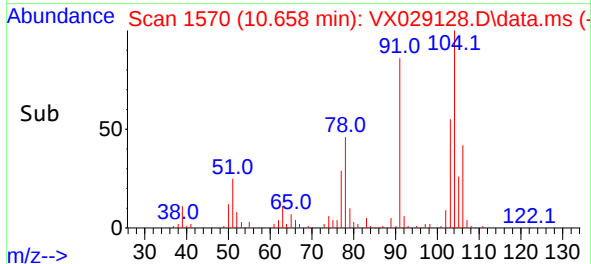
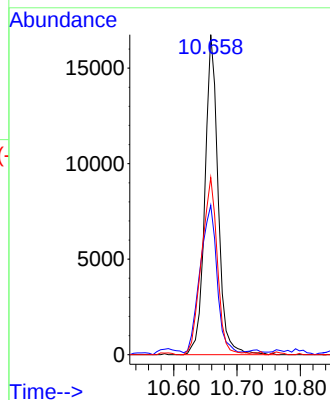
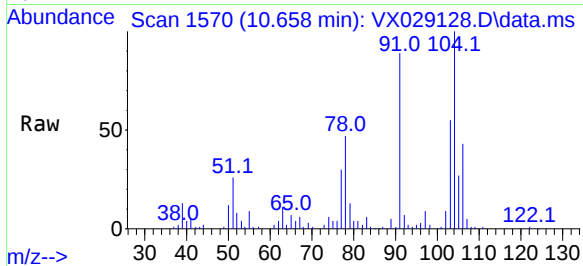




#70
Styrene
Concen: 1.790 ug/l
RT: 10.658 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX029128.D
Acq: 01 Jun 2022 19:04

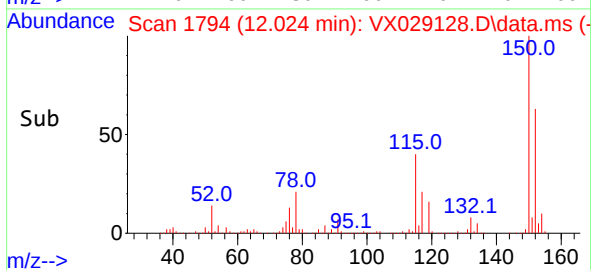
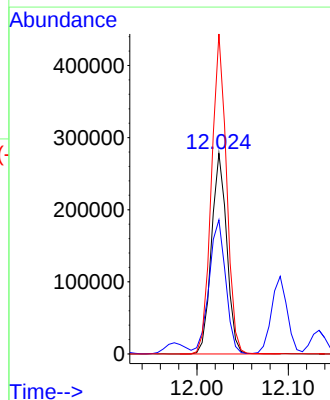
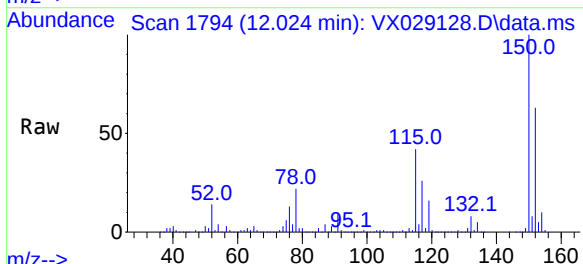
Instrument :
MSVOA_X
ClientSampleId :
MW-14

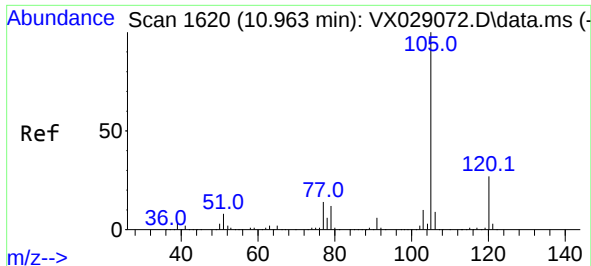
Tgt Ion:104 Resp: 24413
Ion Ratio Lower Upper
104 100
78 58.4 38.6 57.8#
103 66.2 43.8 65.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029128.D
Acq: 01 Jun 2022 19:04

Tgt Ion:152 Resp: 322040
Ion Ratio Lower Upper
152 100
115 72.0 37.5 112.7
150 157.3 0.0 338.2

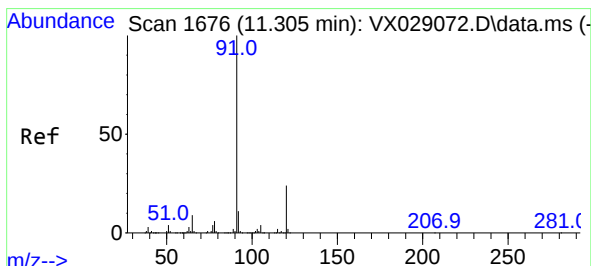
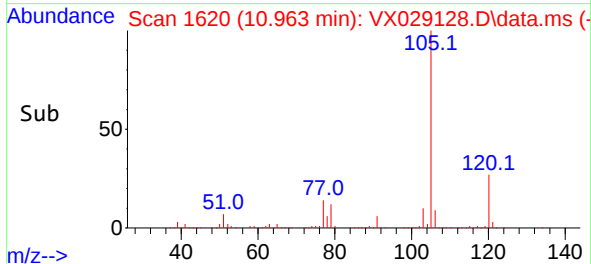
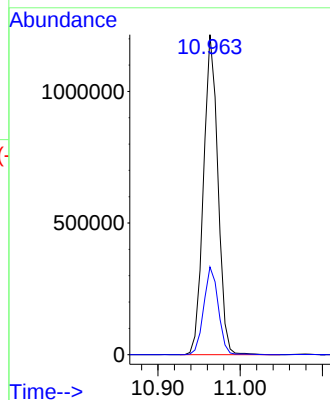
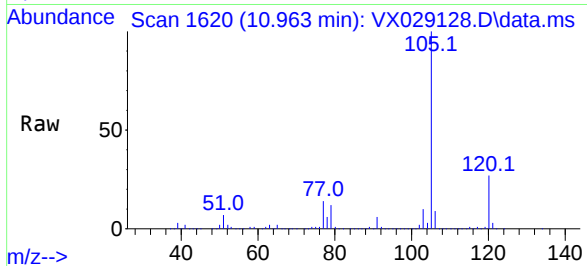




#73
Isopropylbenzene
Concen: 68.177 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029128.D
Acq: 01 Jun 2022 19:04

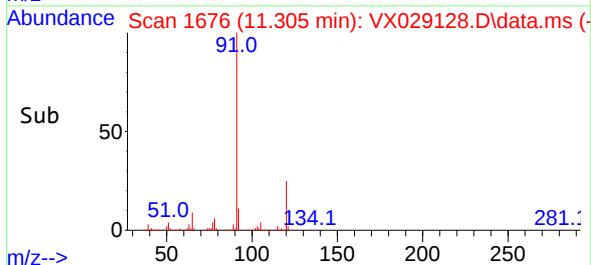
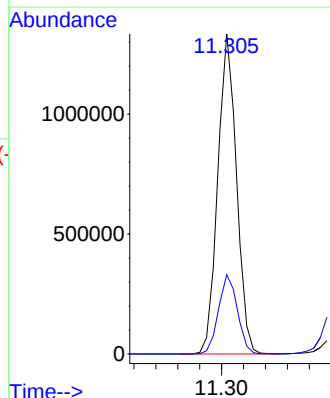
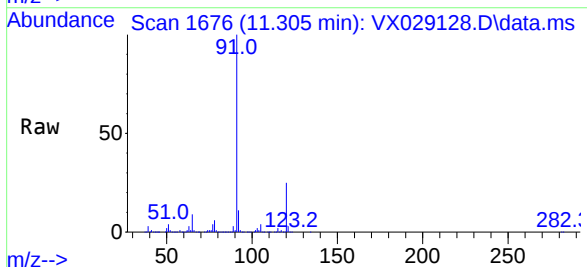
Instrument :
MSVOA_X
ClientSampleId :
MW-14

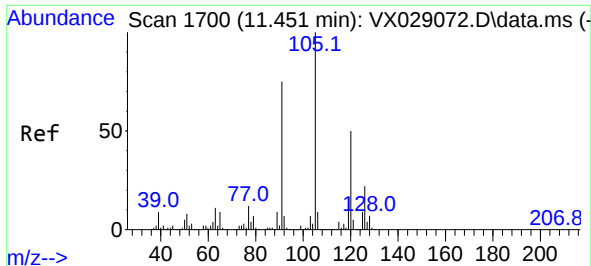
Tgt Ion:105 Resp: 1475445
Ion Ratio Lower Upper
105 100
120 27.8 13.5 40.5



#78
n-propylbenzene
Concen: 65.723 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029128.D
Acq: 01 Jun 2022 19:04

Tgt Ion: 91 Resp: 1581936
Ion Ratio Lower Upper
91 100
120 24.9 11.6 34.8

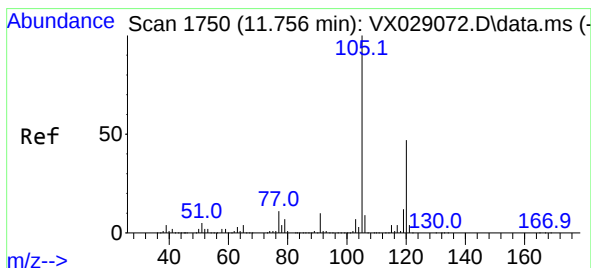
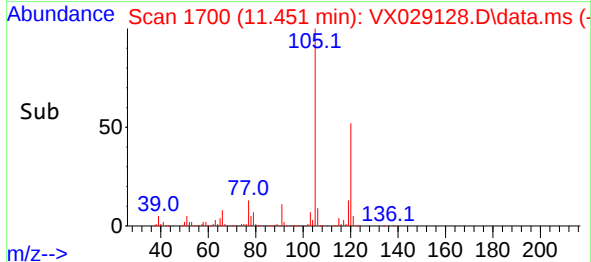
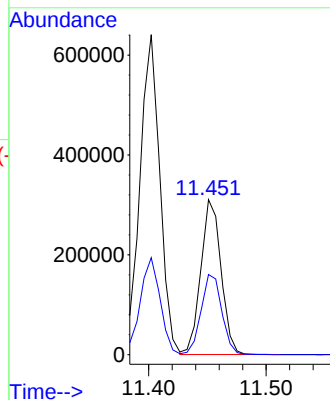
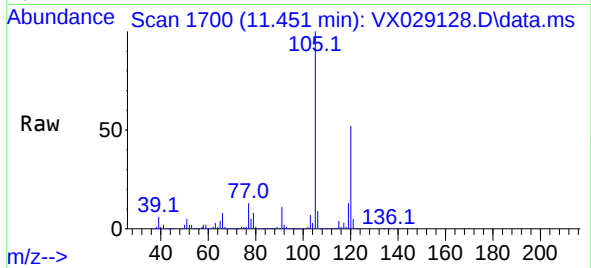




#80
1,3,5-Trimethylbenzene
Concen: 20.094 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX029128.D
Acq: 01 Jun 2022 19:04

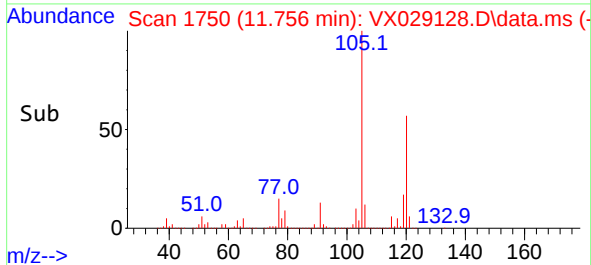
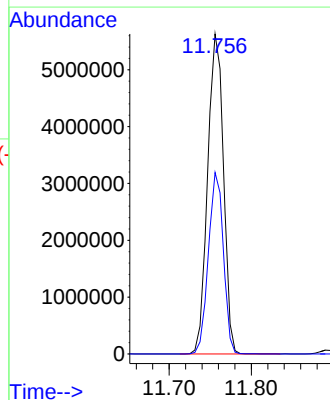
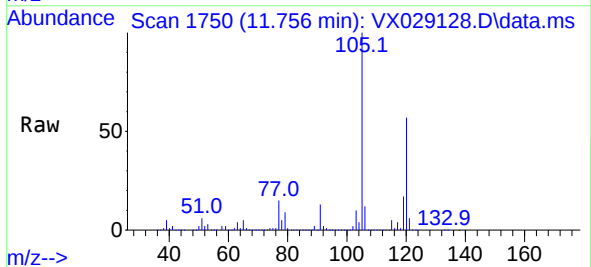
Instrument :
MSVOA_X
ClientSampleId :
MW-14

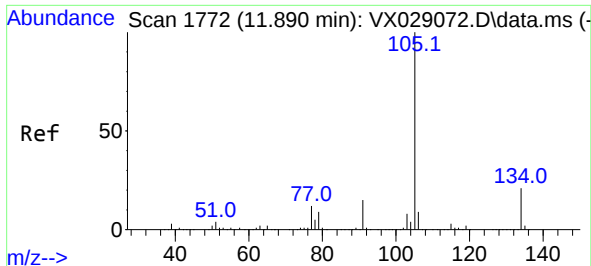
Tgt Ion:105 Resp: 372295
Ion Ratio Lower Upper
105 100
120 53.0 24.3 72.9



#84
1,2,4-Trimethylbenzene
Concen: 407.235 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX029128.D
Acq: 01 Jun 2022 19:04

Tgt Ion:105 Resp: 7531157
Ion Ratio Lower Upper
105 100
120 53.6 22.6 67.8

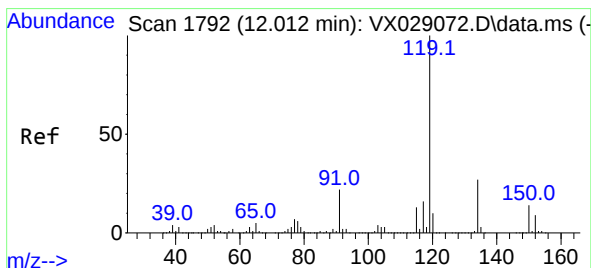
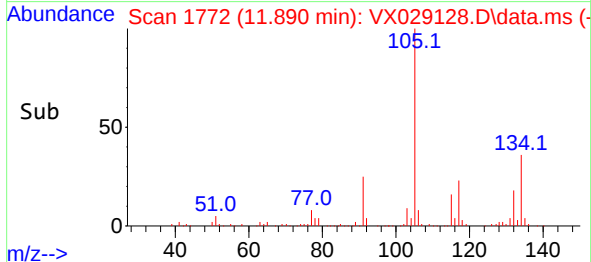
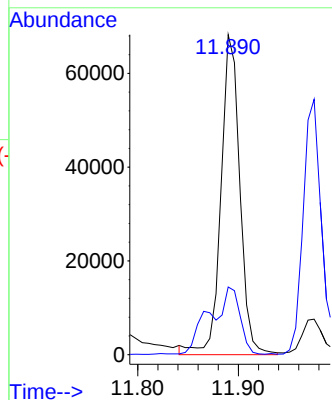
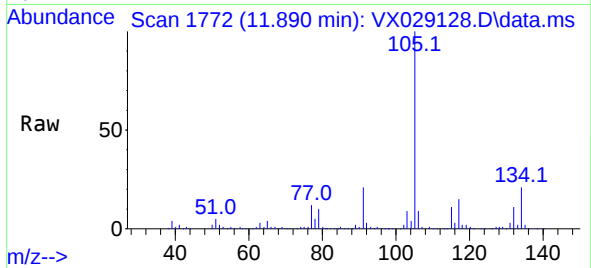




#85
sec-Butylbenzene
Concen: 4.004 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX029128.D
Acq: 01 Jun 2022 19:04

Instrument :
MSVOA_X
ClientSampleId :
MW-14

Tgt Ion:105 Resp: 89019
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#



#86
p-Isopropyltoluene
Concen: 14.925 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX029128.D
Acq: 01 Jun 2022 19:04

Tgt Ion:119 Resp: 290083
Ion Ratio Lower Upper
119 100
134 27.1 13.0 39.0
91 33.1 11.3 33.9

