

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
 Data File : VX029618.D
 Acq On : 20 Jun 2022 13:20
 Operator : JC/MD
 Sample : N3290-02DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2DL

Quant Time: Jun 21 01:49:53 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)

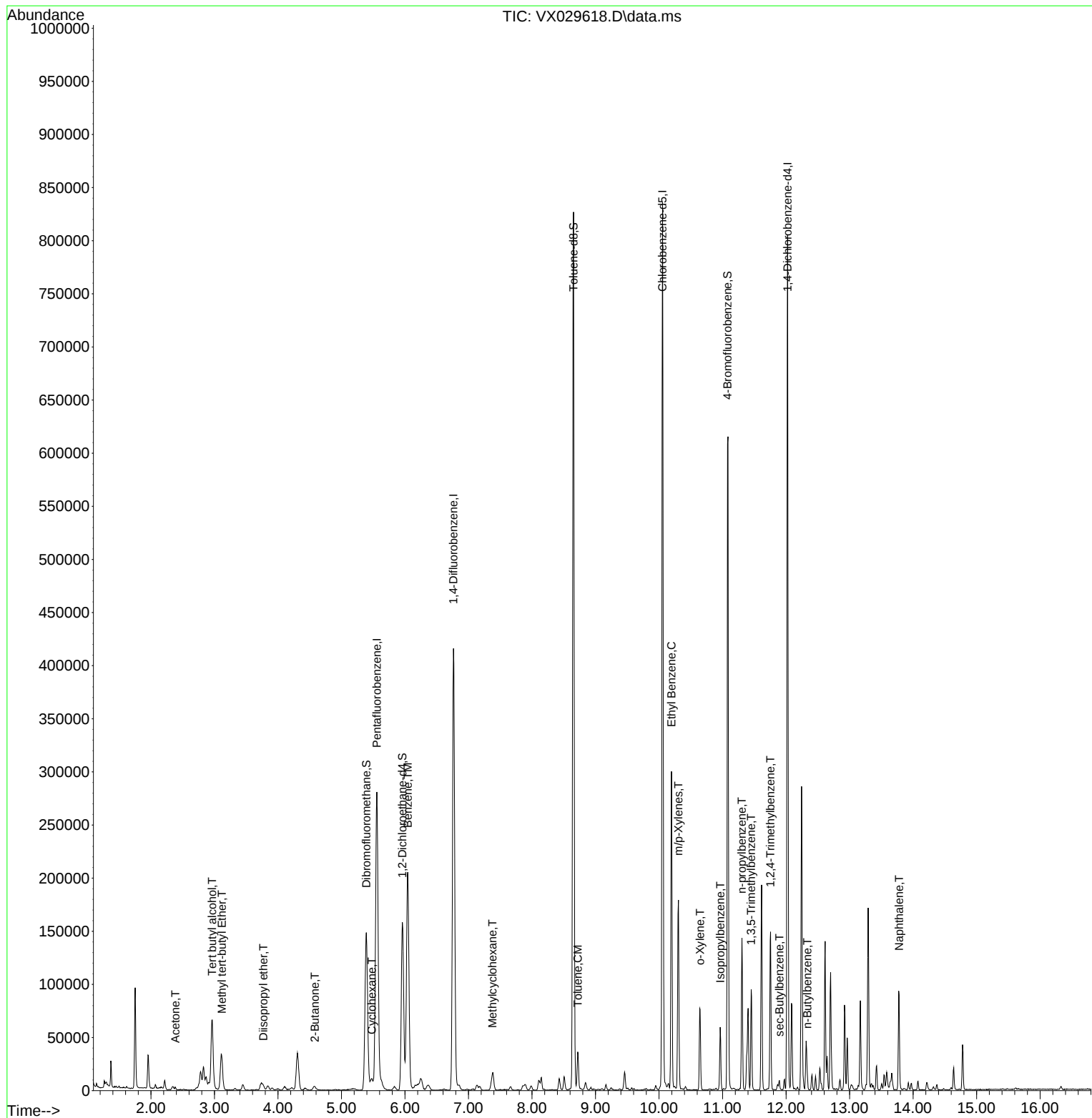
Internal Standards						
1) Pentafluorobenzene	5.556	168	266521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	449731	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	383756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	168027	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153098	43.395	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.800%
35) Dibromofluoromethane	5.391	113	131007	44.700	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.400%
50) Toluene-d8	8.653	98	503564	47.032	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.060%
62) 4-Bromofluorobenzene	11.079	95	180627	44.735	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.480%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	84307	104.262	ug/l	98
16) Acetone	2.386	43	3814	2.712	ug/l	91
19) Methyl tert-butyl Ether	3.117	73	23600	2.518	ug/l #	41
22) Diisopropyl ether	3.769	45	4974	0.577	ug/l #	84
25) 2-Butanone	4.580	43	1875	0.844	ug/l	99
31) Cyclohexane	5.476	56	7219	1.524	ug/l #	90
39) Methylcyclohexane	7.379	83	7702	1.557	ug/l	93
40) Benzene	6.043	78	262092	22.290	ug/l	99
52) Toluene	8.720	92	14069	1.869	ug/l	98
67) Ethyl Benzene	10.195	91	172143	12.708	ug/l	100
68) m/p-Xylenes	10.305	106	44241	8.375	ug/l	97
69) o-Xylene	10.646	106	18061	3.461	ug/l	97
73) Isopropylbenzene	10.963	105	30027	2.383	ug/l	98
78) n-propylbenzene	11.305	91	88893	6.265	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	43077	4.060	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	67811	6.408	ug/l	99
85) sec-Butylbenzene	11.896	105	5081	0.396	ug/l	100
89) n-Butylbenzene	12.335	91	7686	0.848	ug/l #	35
95) Naphthalene	13.780	128	60883	5.166	ug/l	99

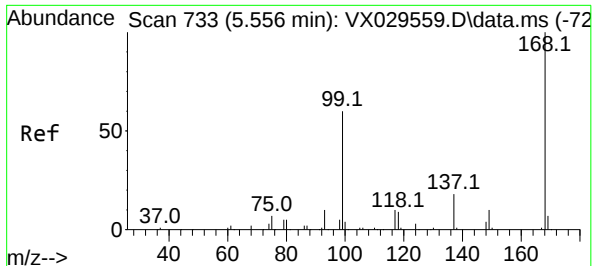
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
MW-2DL

Quant Time: Jun 21 01:49:53 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

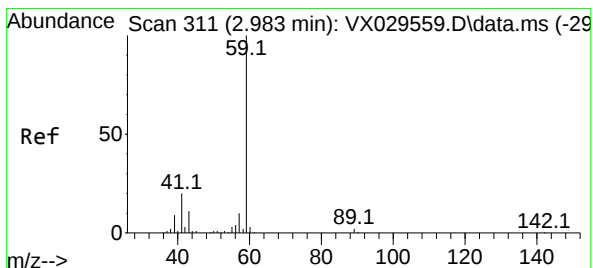
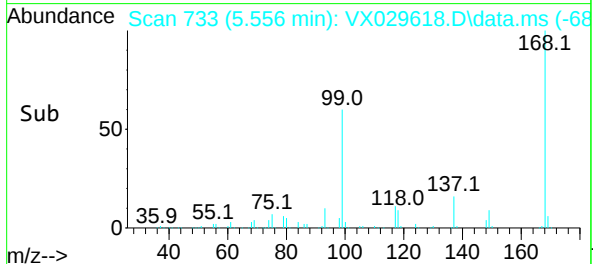
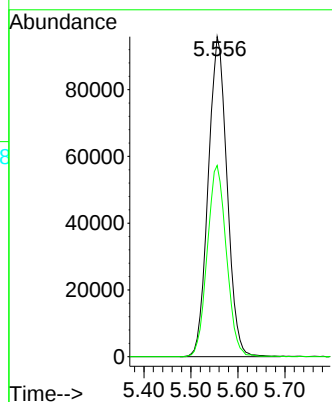
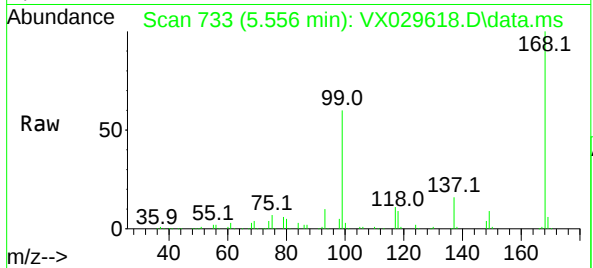




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029618.D
Acq: 20 Jun 2022 13:20

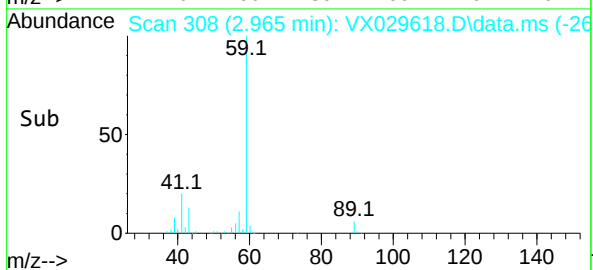
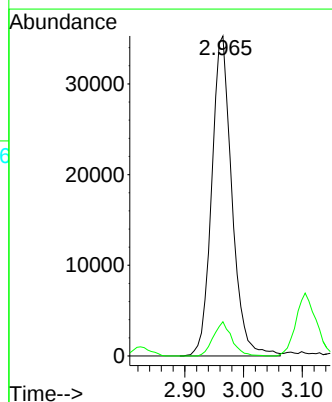
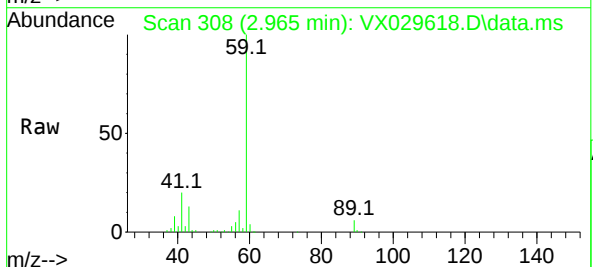
Instrument :
MSVOA_X
ClientSampleId :
MW-2DL

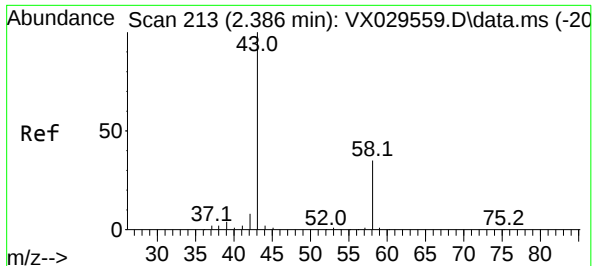
Tgt Ion:168 Resp: 266521
Ion Ratio Lower Upper
168 100
99 59.7 41.7 62.5



#11
Tert butyl alcohol
Concen: 104.262 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX029618.D
Acq: 20 Jun 2022 13:20

Tgt Ion: 59 Resp: 84307
Ion Ratio Lower Upper
59 100
57 9.8 8.3 12.5

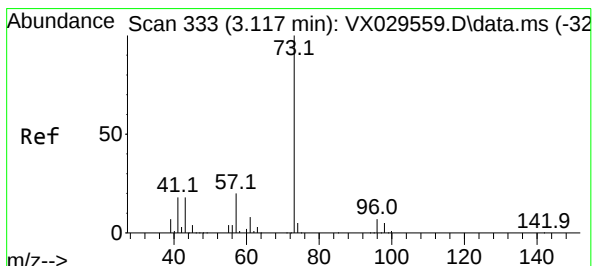
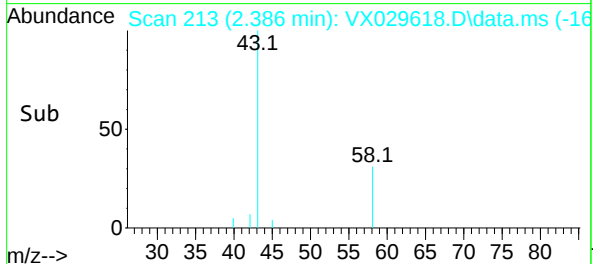
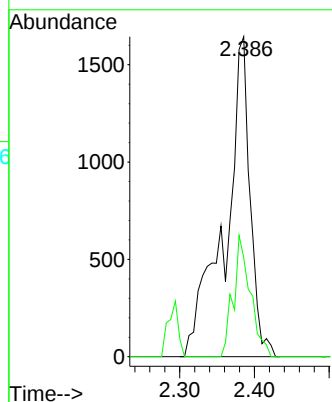
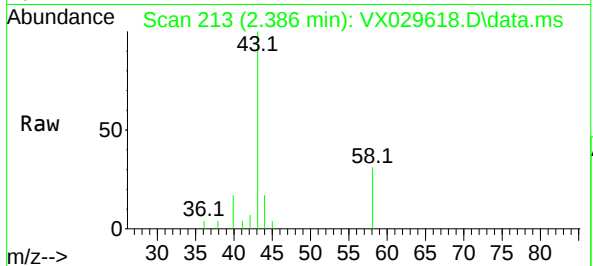




#16
Acetone
Concen: 2.712 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029618.D
Acq: 20 Jun 2022 13:20

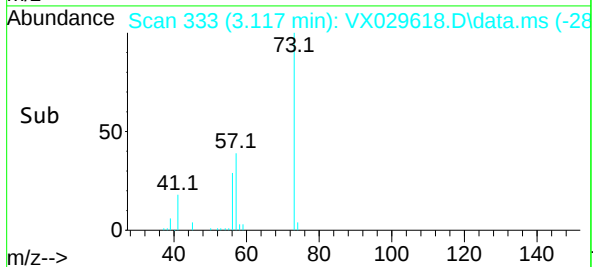
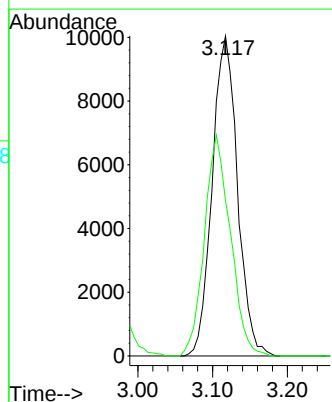
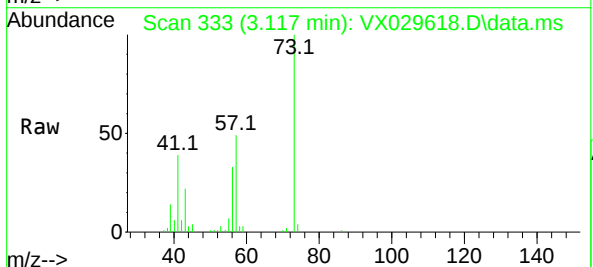
Instrument :
MSVOA_X
ClientSampleId :
MW-2DL

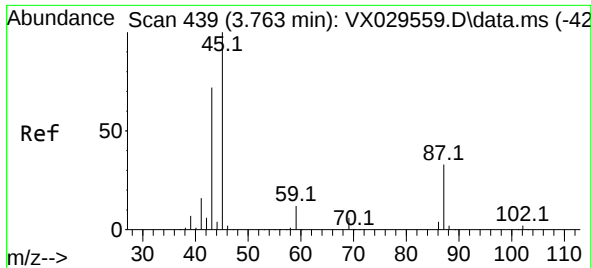
Tgt Ion: 43 Resp: 3814
Ion Ratio Lower Upper
43 100
58 31.0 28.8 43.2



#19
Methyl tert-butyl Ether
Concen: 2.518 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX029618.D
Acq: 20 Jun 2022 13:20

Tgt Ion: 73 Resp: 23600
Ion Ratio Lower Upper
73 100
57 48.6 16.8 25.2#

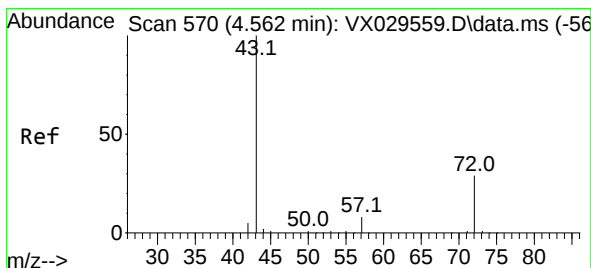
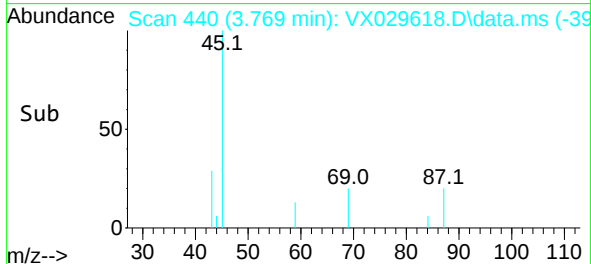
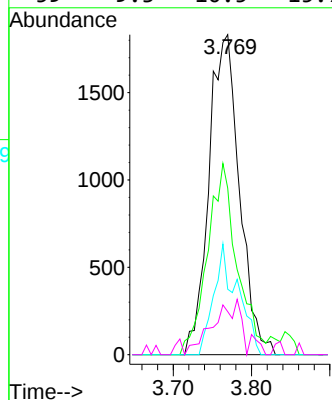
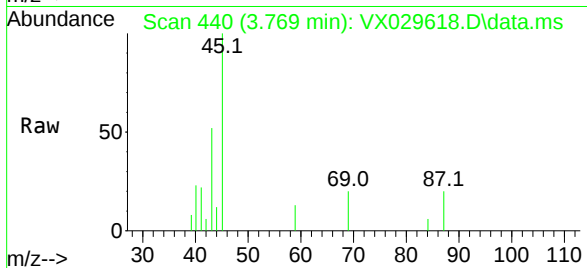




#22
Diisopropyl ether
Concen: 0.577 ug/l
RT: 3.769 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX029618.D
Acq: 20 Jun 2022 13:20

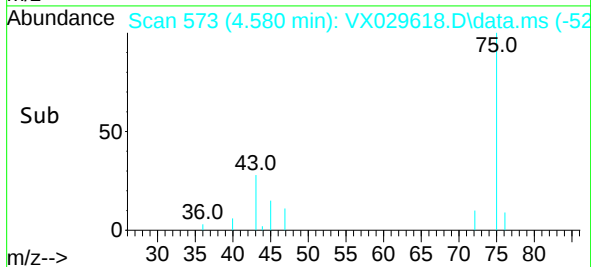
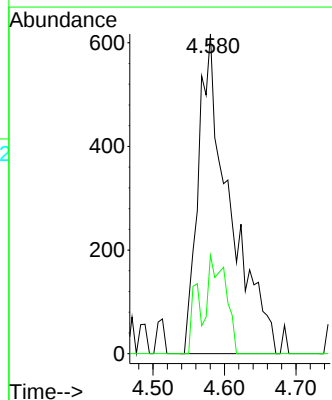
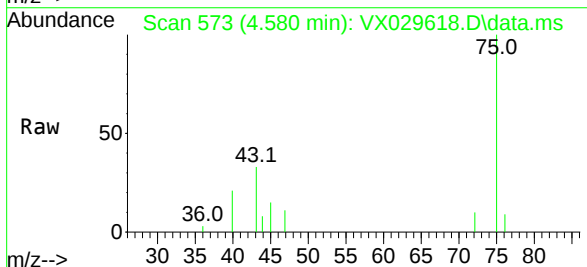
Instrument :
MSVOA_X
ClientSampleId :
MW-2DL

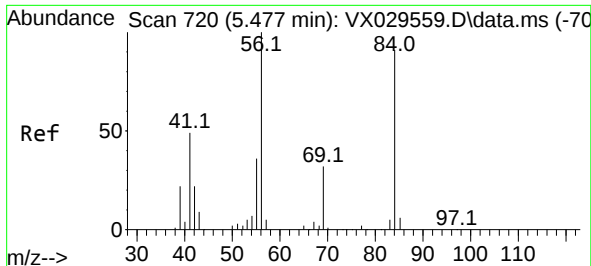
Tgt Ion: 45	Resp: 4974
Ion Ratio	Lower Upper
45 100	
43 52.1	50.8 76.2
87 20.5	26.6 39.8#
59 9.3	10.5 15.7#



#25
2-Butanone
Concen: 0.844 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX029618.D
Acq: 20 Jun 2022 13:20

Tgt Ion: 43	Resp: 1875		
Ion Ratio	Lower	Upper	
43 100			
72 30.8	24.4	36.6	

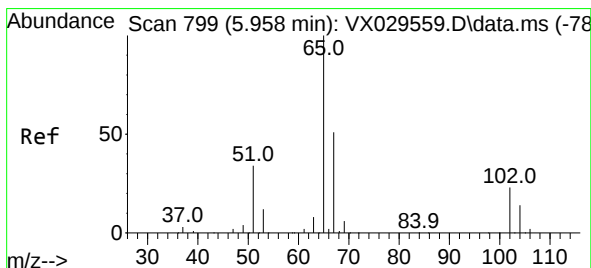
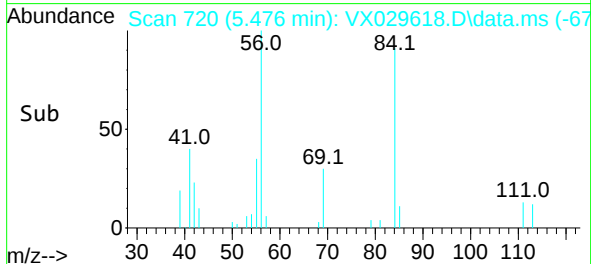
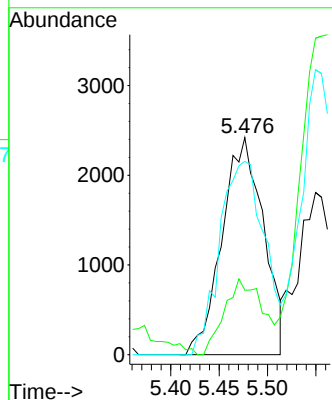
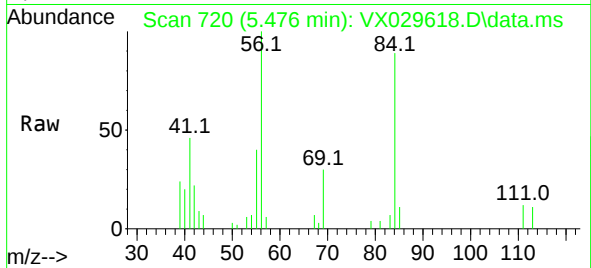




#31
Cyclohexane
Concen: 1.524 ug/l
RT: 5.476 min Scan# 720
Delta R.T. -0.001 min
Lab File: VX029618.D
Acq: 20 Jun 2022 13:20

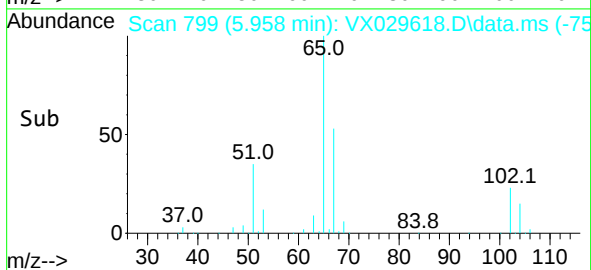
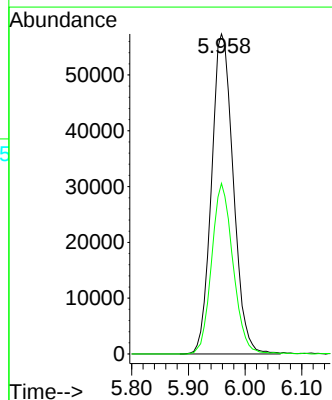
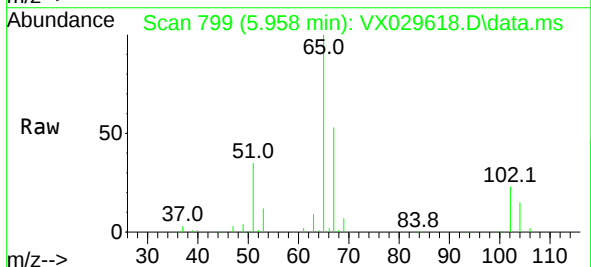
Instrument :
MSVOA_X
ClientSampleId :
MW-2DL

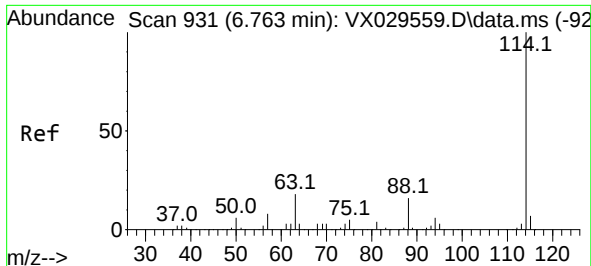
Tgt Ion: 56 Resp: 7219
Ion Ratio Lower Upper
56 100
69 24.5 26.7 40.1#
84 89.0 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 43.395 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029618.D
Acq: 20 Jun 2022 13:20

Tgt Ion: 65 Resp: 153098
Ion Ratio Lower Upper
65 100
67 52.3 0.0 107.4

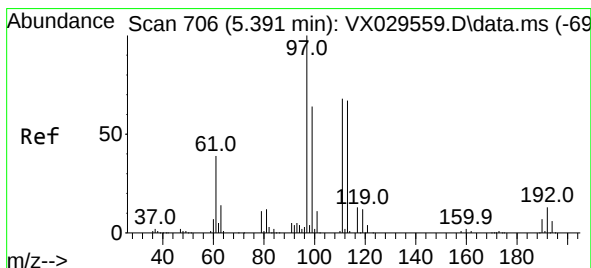
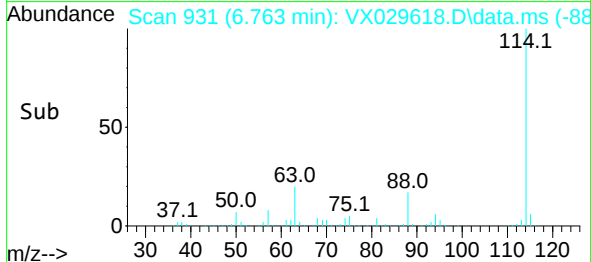
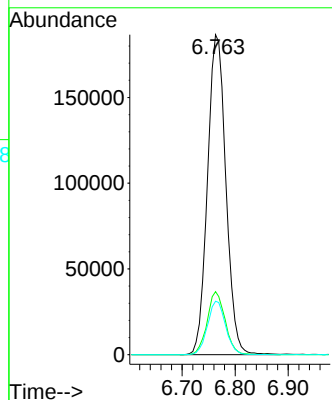
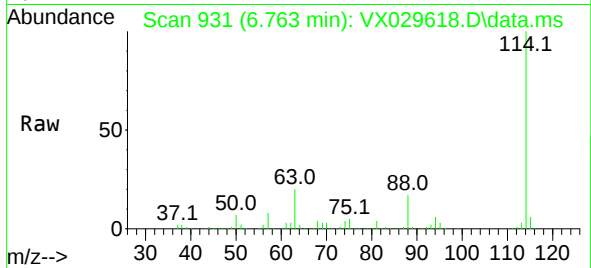




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029618.D
Acq: 20 Jun 2022 13:20

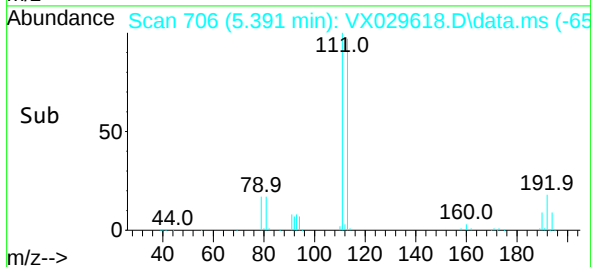
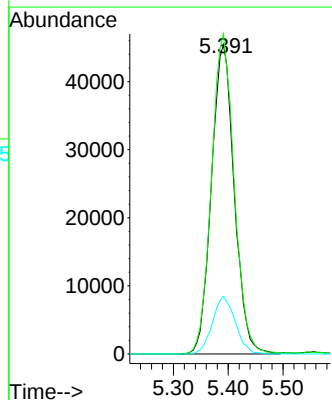
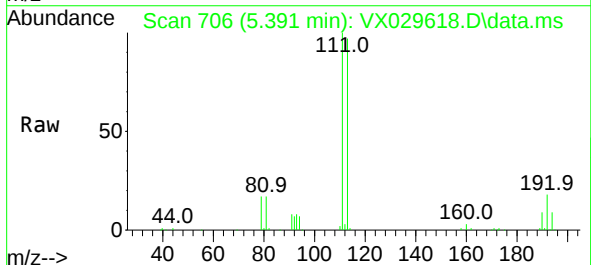
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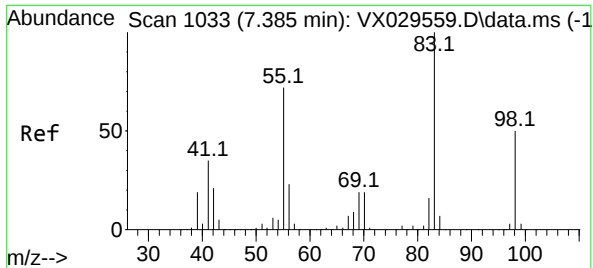
Tgt Ion:114 Resp: 449731
Ion Ratio Lower Upper
114 100
63 19.7 0.0 36.8
88 16.7 0.0 32.4



#35
Dibromofluoromethane
Concen: 44.700 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029618.D
Acq: 20 Jun 2022 13:20

Tgt Ion:113 Resp: 131007
Ion Ratio Lower Upper
113 100
111 103.5 82.8 124.2
192 18.6 16.9 25.3





#39

Methylcyclohexane

Concen: 1.557 ug/l

RT: 7.379 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX029618.D

Acq: 20 Jun 2022 13:20

Instrument :

MSVOA_X

ClientSampleId :

MW-2DL

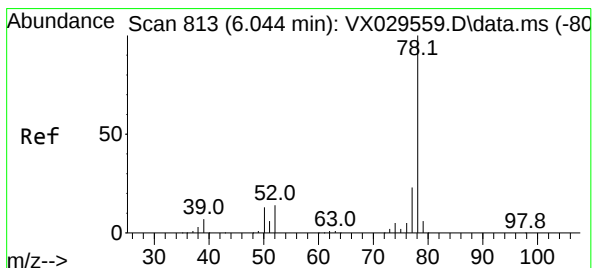
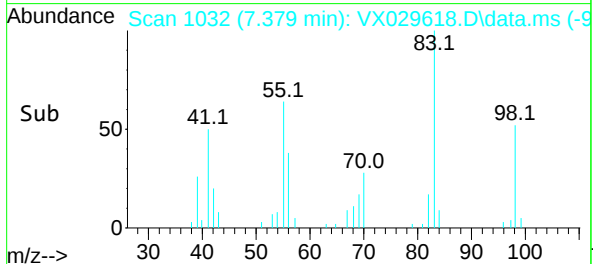
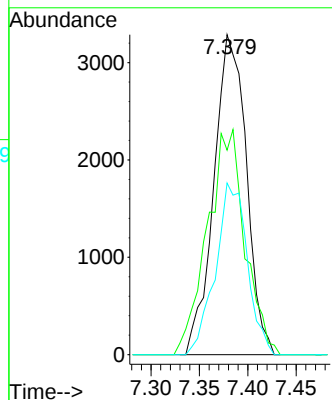
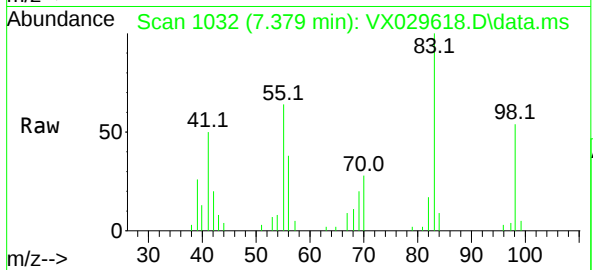
Tgt Ion: 83 Resp: 7702

Ion Ratio Lower Upper

83 100

55 63.9 54.6 81.8

98 53.7 37.4 56.2



#40

Benzene

Concen: 22.290 ug/l

RT: 6.043 min Scan# 813

Delta R.T. -0.001 min

Lab File: VX029618.D

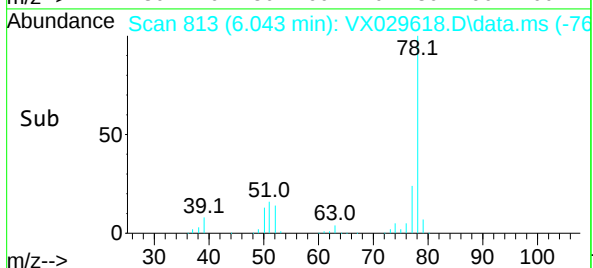
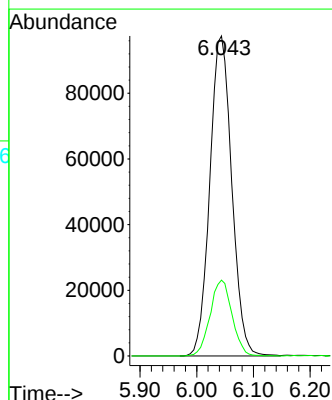
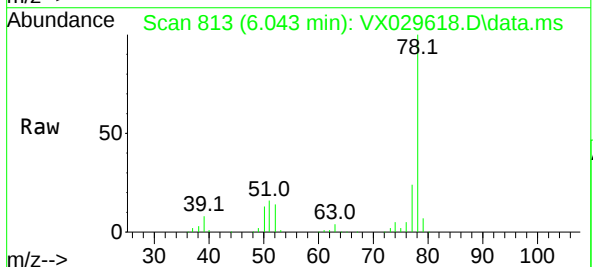
Acq: 20 Jun 2022 13:20

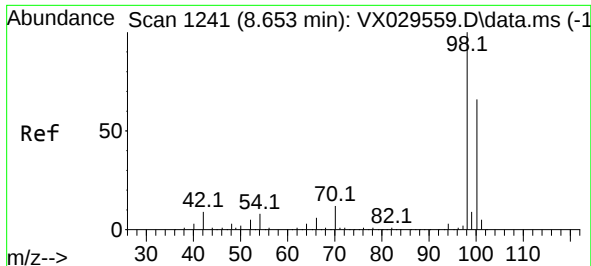
Tgt Ion: 78 Resp: 262092

Ion Ratio Lower Upper

78 100

77 23.7 19.3 28.9

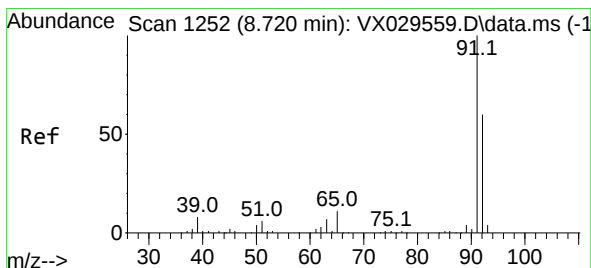
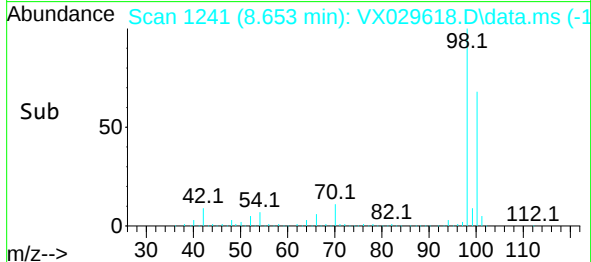
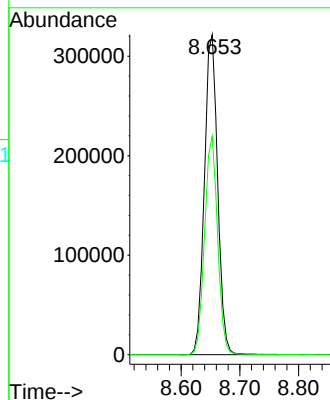
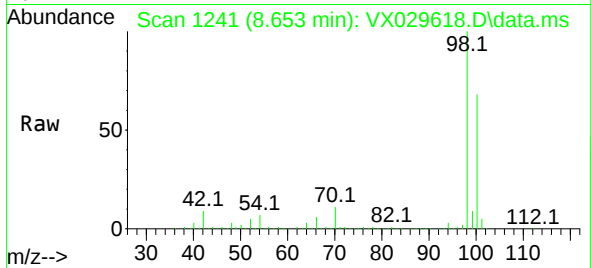




#50
Toluene-d8
Concen: 47.032 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029618.D
Acq: 20 Jun 2022 13:20

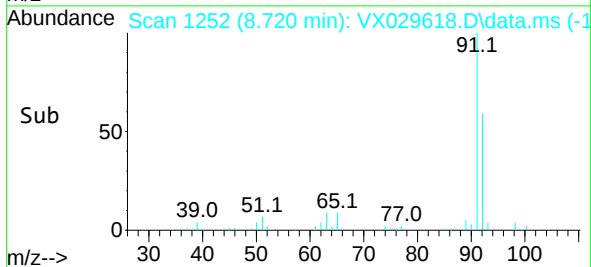
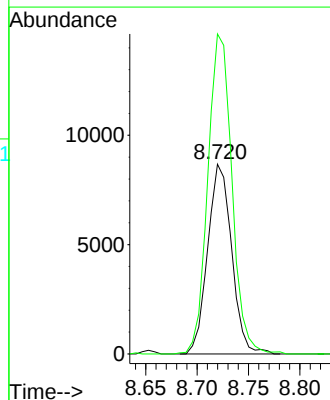
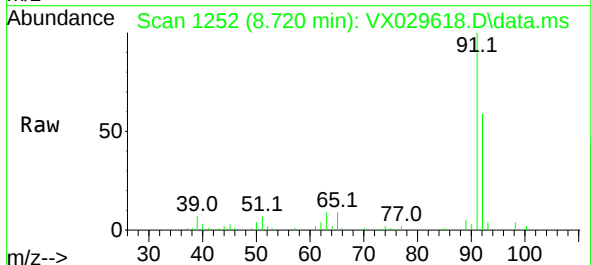
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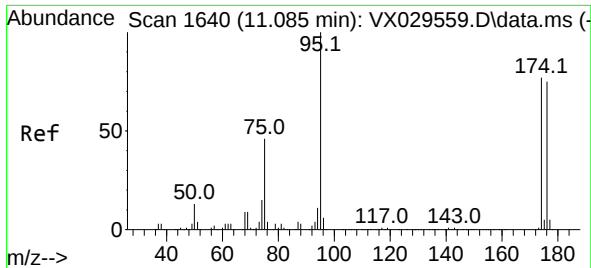
Tgt Ion: 98 Resp: 503564
Ion Ratio Lower Upper
98 100
100 67.4 52.6 78.8



#52
Toluene
Concen: 1.869 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX029618.D
Acq: 20 Jun 2022 13:20

Tgt Ion: 92 Resp: 14069
Ion Ratio Lower Upper
92 100
91 169.6 137.5 206.3

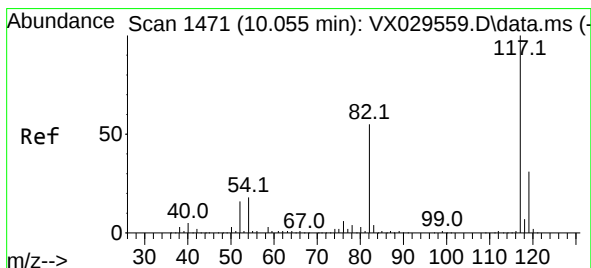
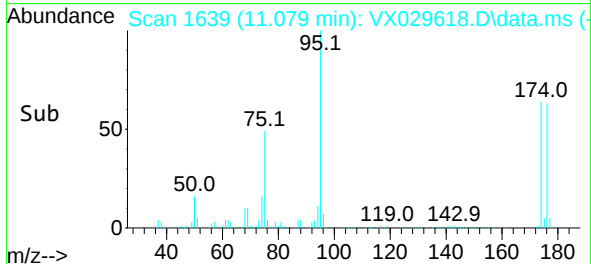
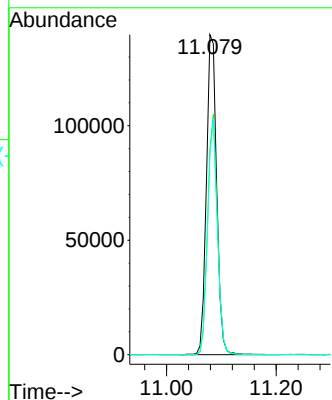
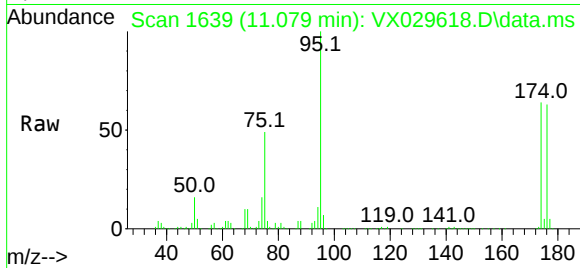




#62
4-Bromofluorobenzene
Concen: 44.735 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029618.D
Acq: 20 Jun 2022 13:20

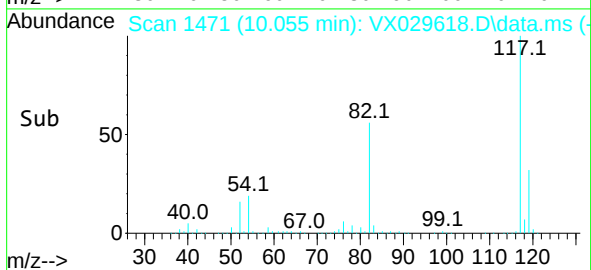
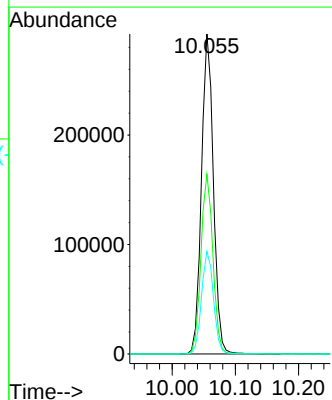
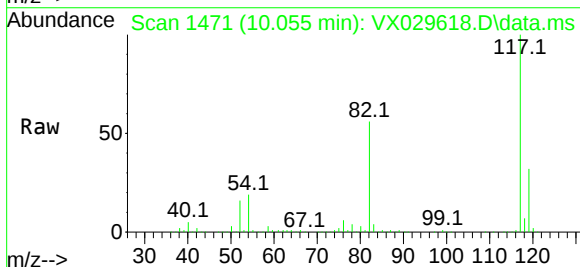
Instrument :
MSVOA_X
ClientSampleId :
MW-2DL

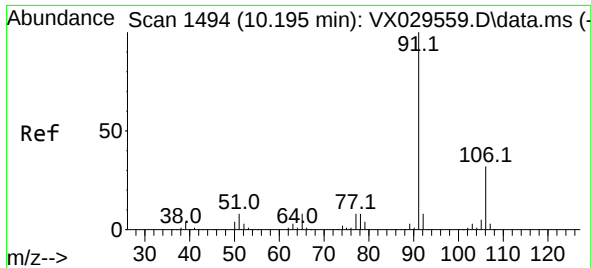
Tgt Ion: 95 Resp: 180627
Ion Ratio Lower Upper
95 100
174 72.2 0.0 163.0
176 69.8 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029618.D
Acq: 20 Jun 2022 13:20

Tgt Ion: 117 Resp: 383756
Ion Ratio Lower Upper
117 100
82 56.1 41.8 62.8
119 32.1 24.8 37.2

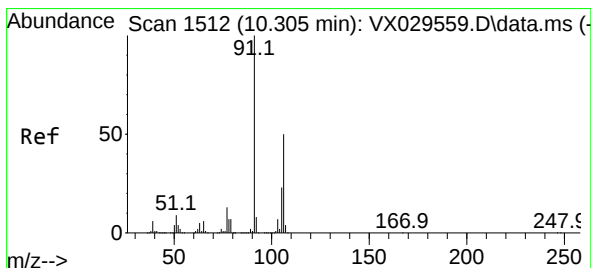
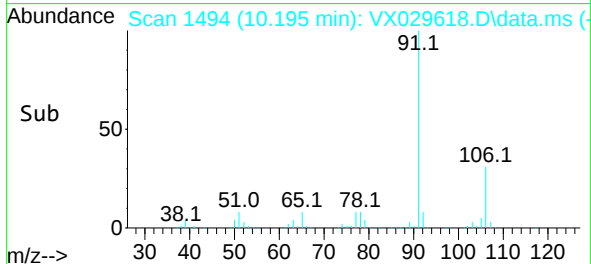
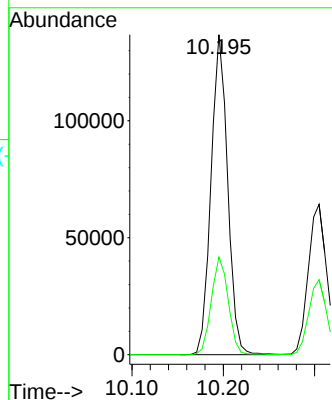
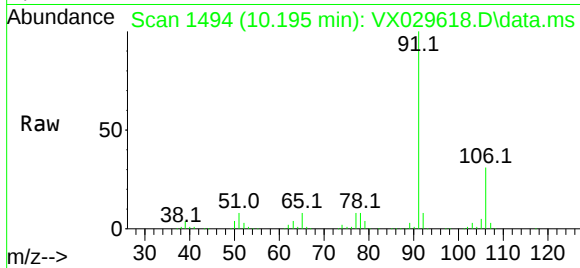




#67
Ethyl Benzene
Concen: 12.708 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029618.D
Acq: 20 Jun 2022 13:20

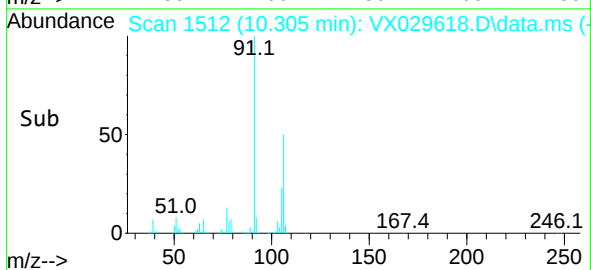
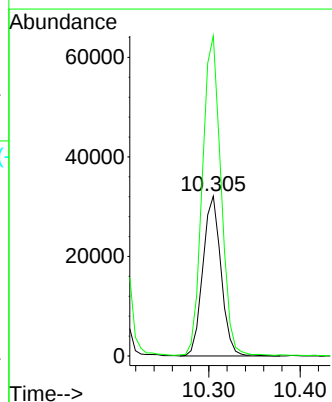
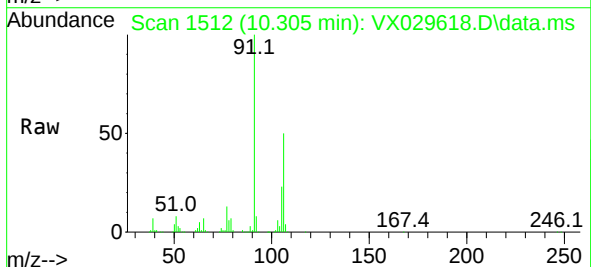
Instrument :
MSVOA_X
ClientSampleId :
MW-2DL

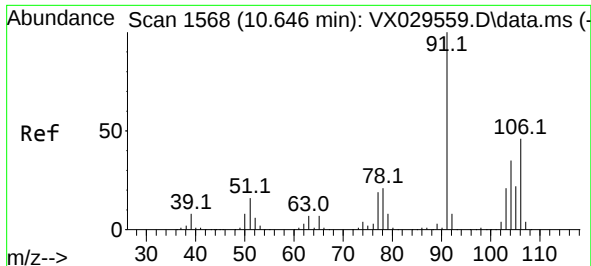
Tgt Ion: 91 Resp: 172143
Ion Ratio Lower Upper
91 100
106 30.5 24.6 36.8



#68
m/p-Xylenes
Concen: 8.375 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029618.D
Acq: 20 Jun 2022 13:20

Tgt Ion: 106 Resp: 44241
Ion Ratio Lower Upper
106 100
91 204.4 160.4 240.6

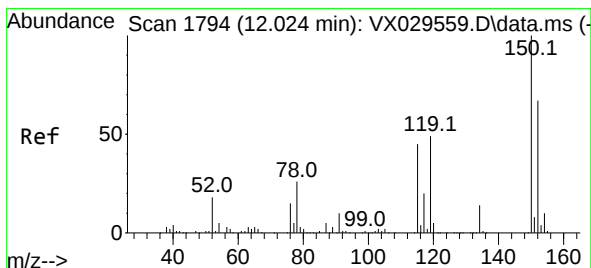
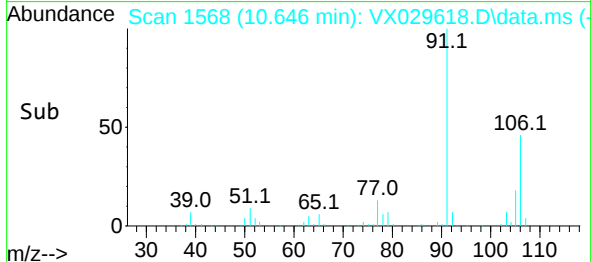
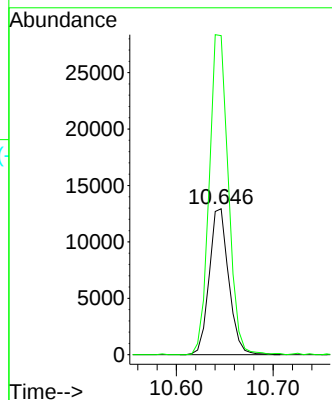
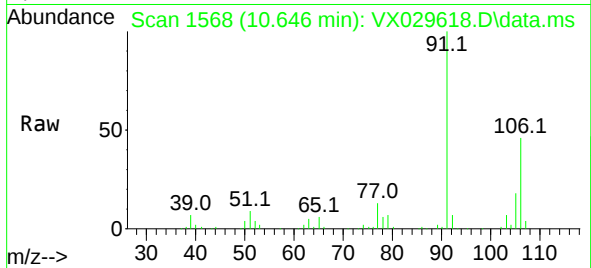




#69
o-Xylene
Concen: 3.461 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029618.D
Acq: 20 Jun 2022 13:20

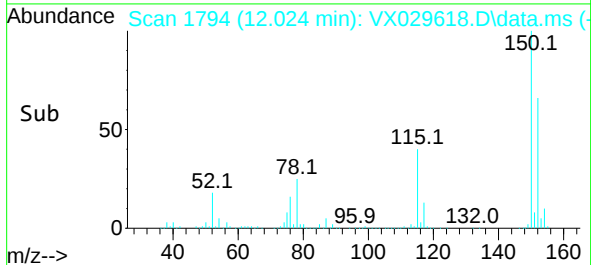
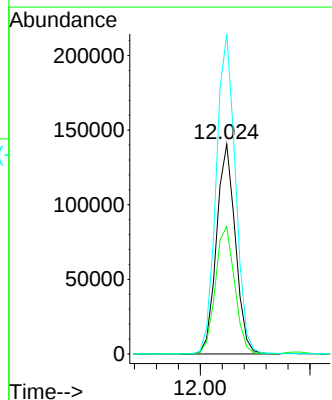
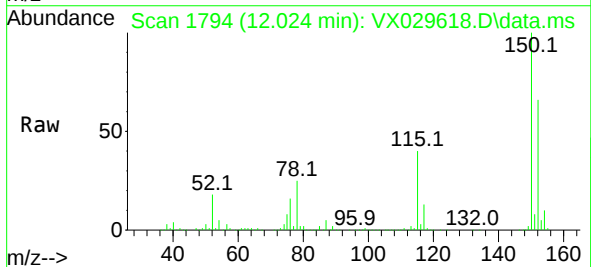
Instrument :
MSVOA_X
ClientSampleId :
MW-2DL

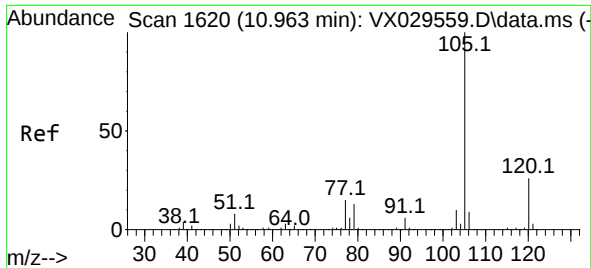
Tgt Ion:106 Resp: 18061
Ion Ratio Lower Upper
106 100
91 216.3 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029618.D
Acq: 20 Jun 2022 13:20

Tgt Ion:152 Resp: 168027
Ion Ratio Lower Upper
152 100
115 62.2 37.5 112.7
150 155.9 0.0 338.2

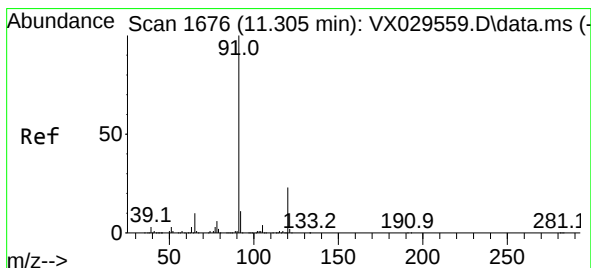
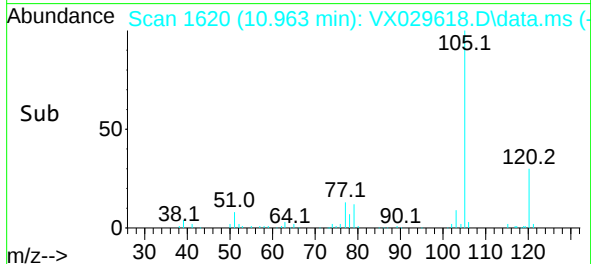
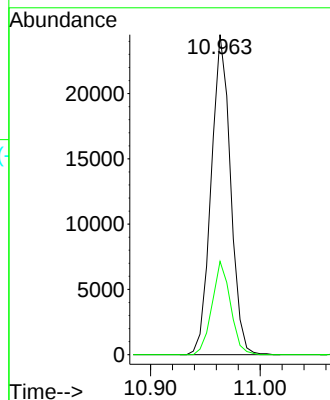
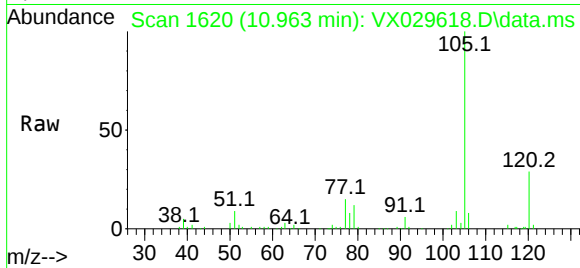




#73
Isopropylbenzene
Concen: 2.383 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029618.D
Acq: 20 Jun 2022 13:20

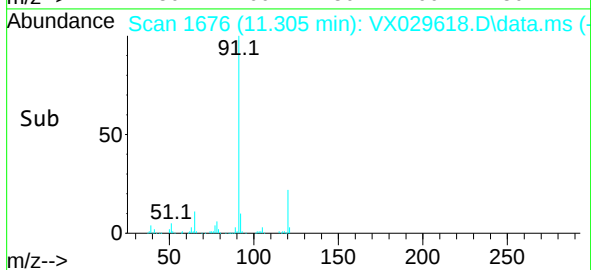
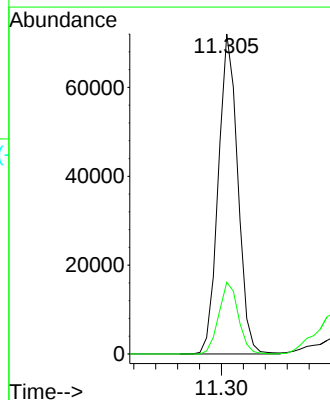
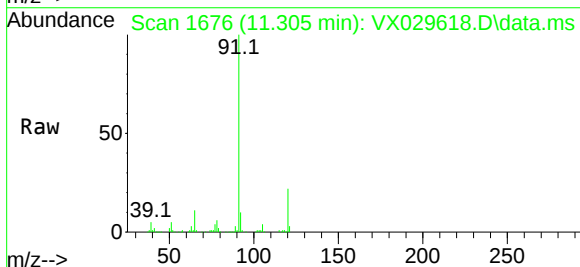
Instrument :
MSVOA_X
ClientSampleId :
MW-2DL

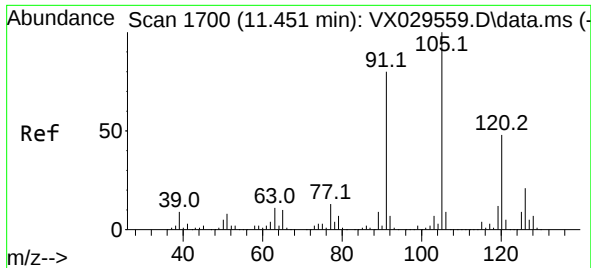
Tgt Ion:105 Resp: 30027
Ion Ratio Lower Upper
105 100
120 27.8 13.5 40.5



#78
n-propylbenzene
Concen: 6.265 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029618.D
Acq: 20 Jun 2022 13:20

Tgt Ion: 91 Resp: 88893
Ion Ratio Lower Upper
91 100
120 22.5 11.6 34.8

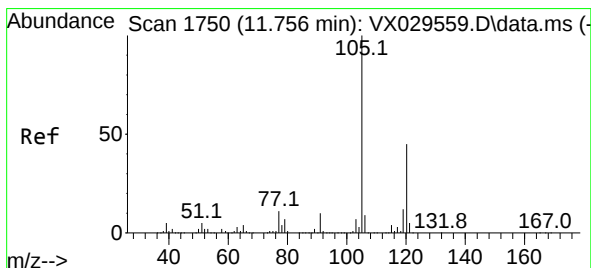
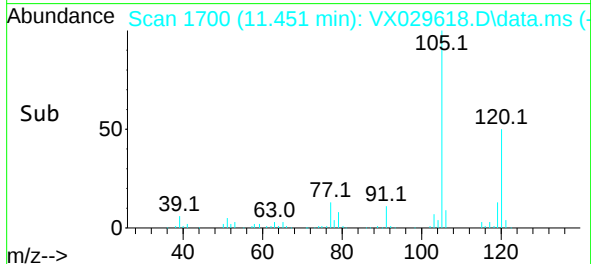
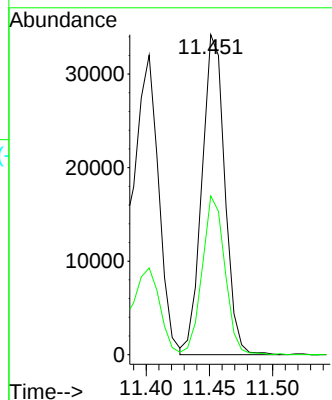
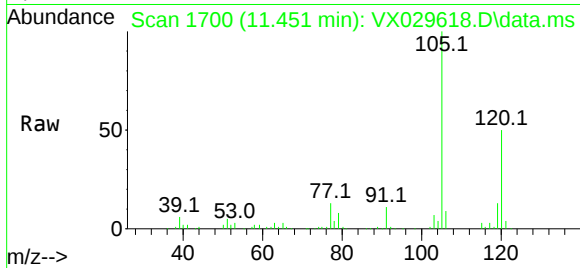




#80
1,3,5-Trimethylbenzene
Concen: 4.060 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029618.D
Acq: 20 Jun 2022 13:20

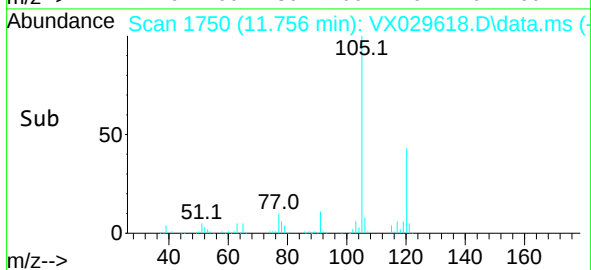
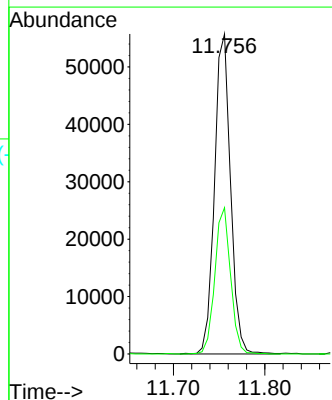
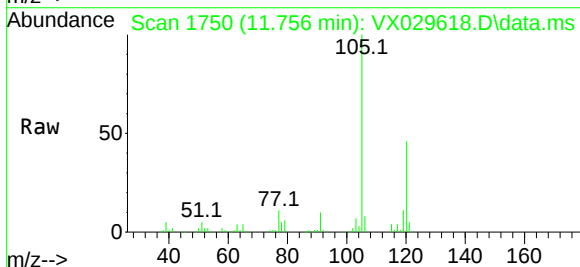
Instrument :
MSVOA_X
ClientSampleId :
MW-2DL

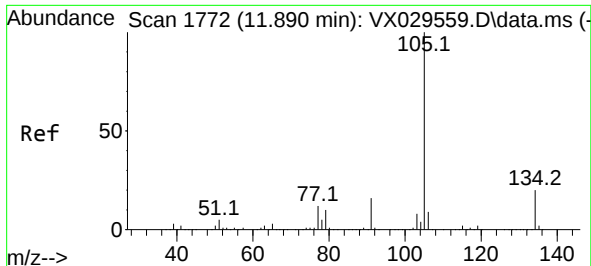
Tgt Ion:105 Resp: 43077
Ion Ratio Lower Upper
105 100
120 49.3 24.3 72.9



#84
1,2,4-Trimethylbenzene
Concen: 6.408 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX029618.D
Acq: 20 Jun 2022 13:20

Tgt Ion:105 Resp: 67811
Ion Ratio Lower Upper
105 100
120 44.8 22.6 67.8

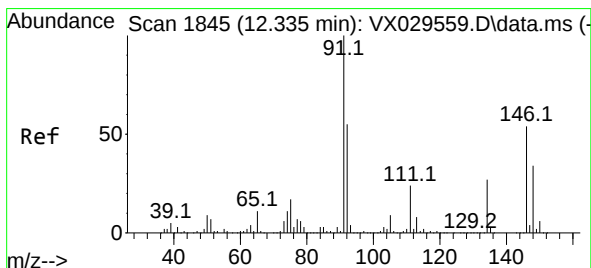
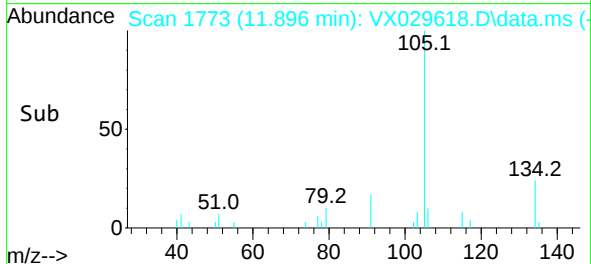
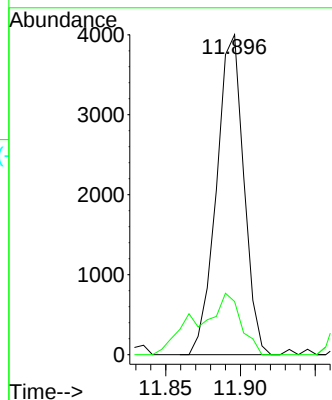
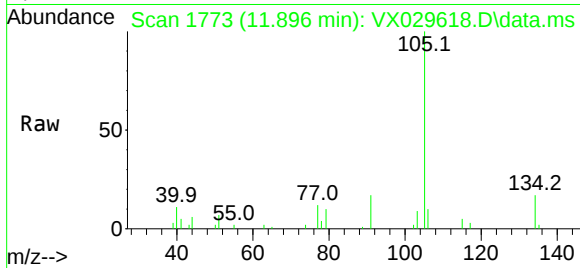




#85
 sec-Butylbenzene
 Concen: 0.396 ug/l
 RT: 11.896 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX029618.D
 Acq: 20 Jun 2022 13:20

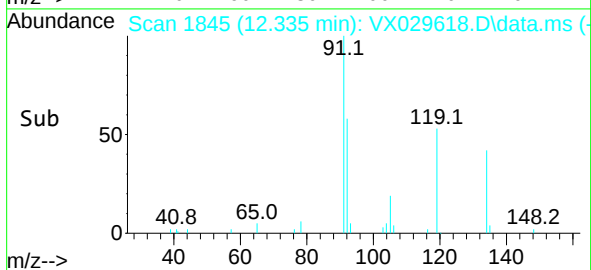
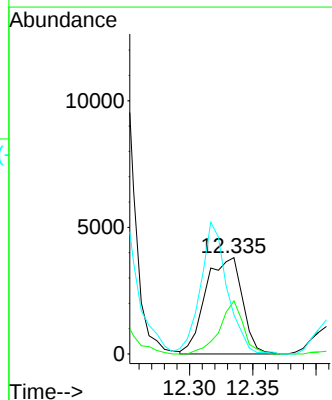
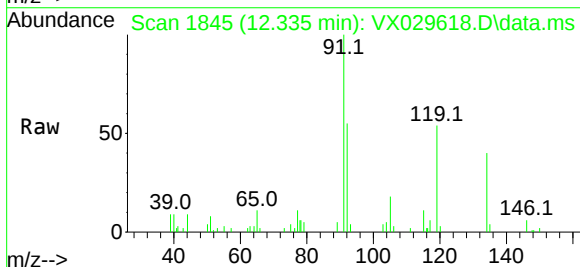
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2DL

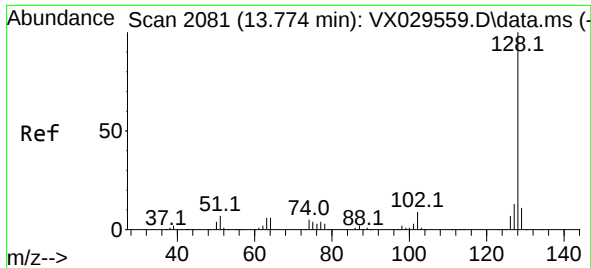
Tgt Ion:105 Resp: 5081
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.4



#89
 n-Butylbenzene
 Concen: 0.848 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX029618.D
 Acq: 20 Jun 2022 13:20

Tgt Ion: 91 Resp: 7686
 Ion Ratio Lower Upper
 91 100
 92 35.4 27.8 83.3
 134 100.0 13.3 39.8#





#95

Naphthalene

Concen: 5.166 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX029618.D

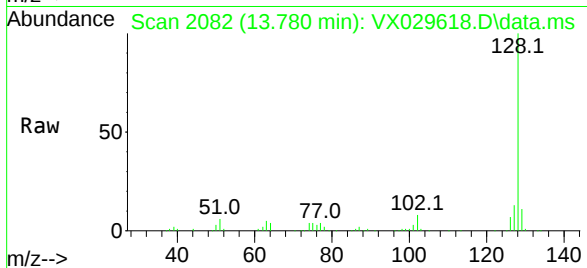
Acq: 20 Jun 2022 13:20

Instrument :

MSVOA_X

ClientSampleId :

MW-2DL



Tgt Ion:128 Resp: 60883

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 11.2 8.7 13.1

