

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062322\
 Data File : VX029741.D
 Acq On : 23 Jun 2022 14:08
 Operator : JC/MD
 Sample : N3202-05DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-29DL

Quant Time: Jun 24 06:51:28 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)

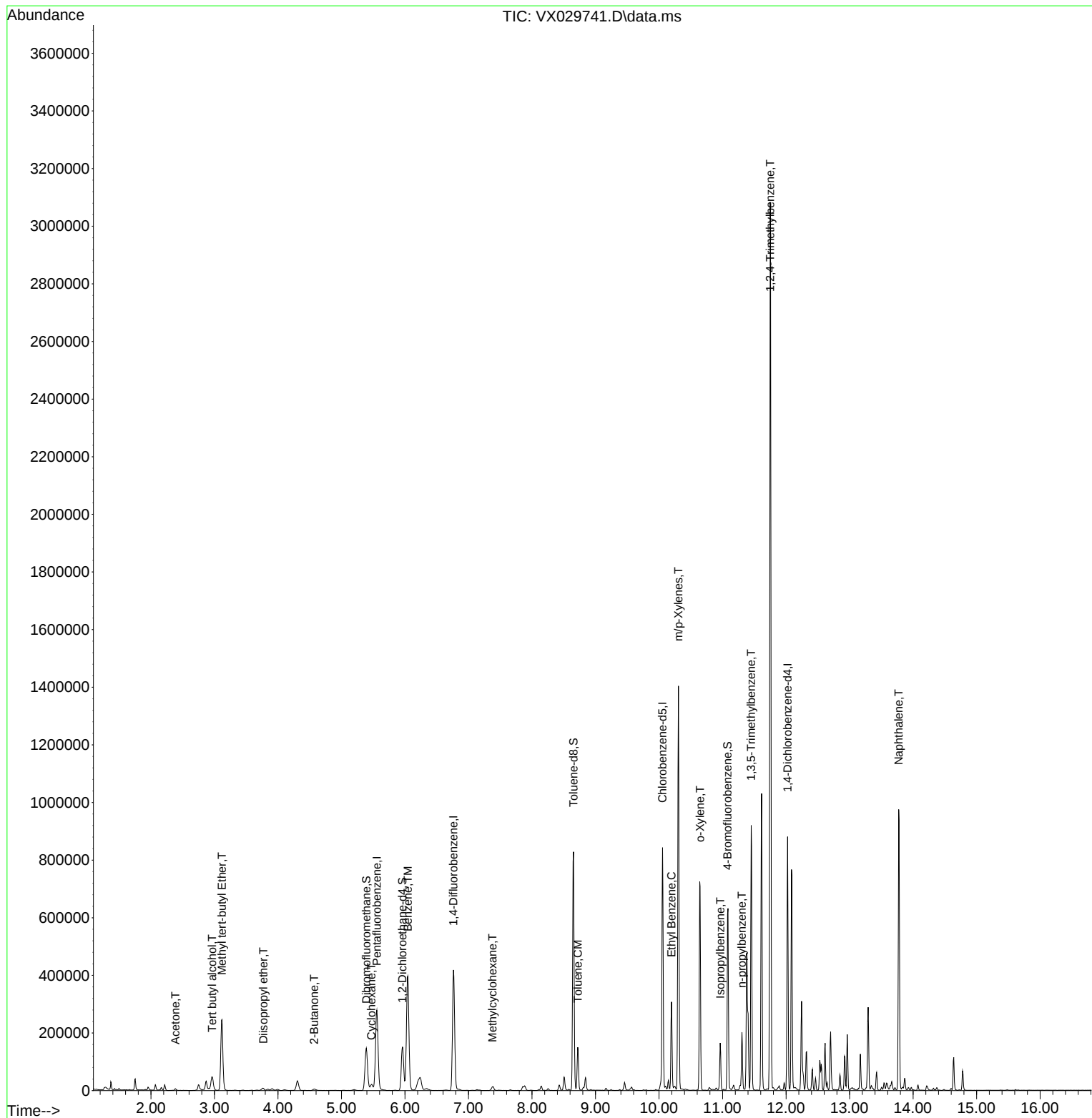
Internal Standards						
1) Pentafluorobenzene	5.556	168	272231	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	457071	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	393490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	145740	40.443	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	80.880%		
35) Dibromofluoromethane	5.391	113	132236	44.394	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.780%		
50) Toluene-d8	8.653	98	514180	47.252	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.500%		
62) 4-Bromofluorobenzene	11.079	95	186753	45.510	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.020%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.965	59	64113	75.170	ug/l	96
16) Acetone	2.386	43	6974	4.855	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	295610	30.874	ug/l	100
22) Diisopropyl ether	3.770	45	8579	0.974	ug/l #	83
25) 2-Butanone	4.568	43	3381	1.489	ug/l #	75
31) Cyclohexane	5.471	56	14856	3.071	ug/l	90
39) Methylcyclohexane	7.379	83	6108	1.215	ug/l	88
40) Benzene	6.044	78	515261	43.117	ug/l	97
52) Toluene	8.720	92	59050	7.717	ug/l	99
67) Ethyl Benzene	10.195	91	179619	12.932	ug/l	99
68) m/p-Xylenes	10.305	106	323695	59.760	ug/l	100
69) o-Xylene	10.646	106	166785	31.166	ug/l	98
73) Isopropylbenzene	10.963	105	85609	6.327	ug/l	97
78) n-propylbenzene	11.305	91	119924	7.869	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	414145	36.343	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	1404019	123.537	ug/l	98
95) Naphthalene	13.774	128	638015	50.402	ug/l	100

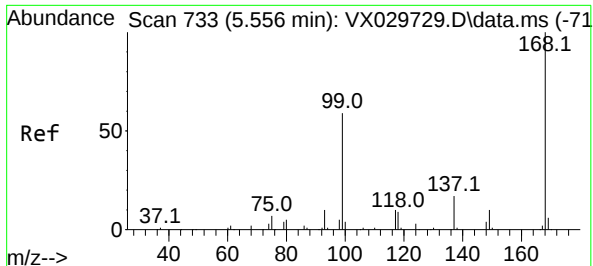
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MW-29DL

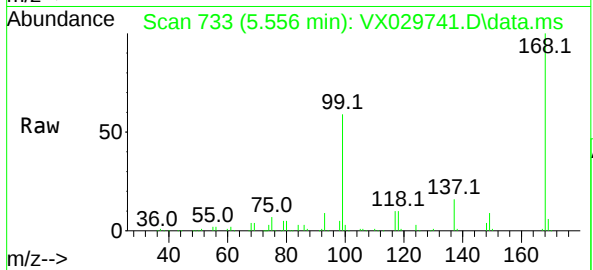
Quant Time: Jun 24 06:51:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration



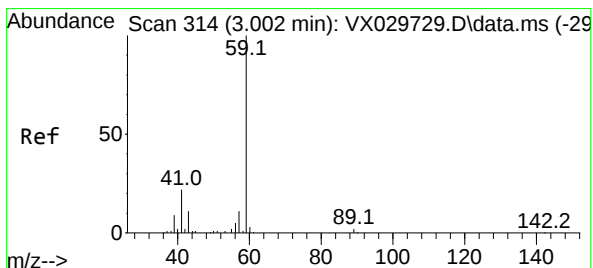
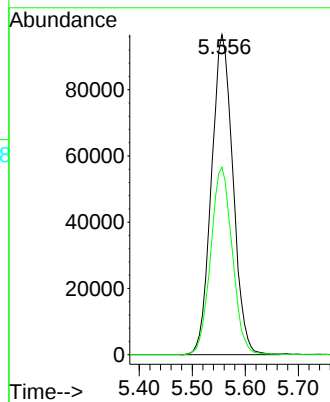
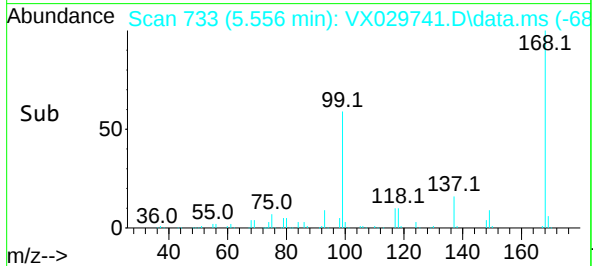


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029741.D
Acq: 23 Jun 2022 14:08

Instrument :
MSVOA_X
ClientSampleId :
MW-29DL

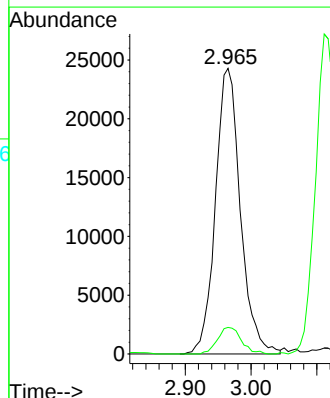
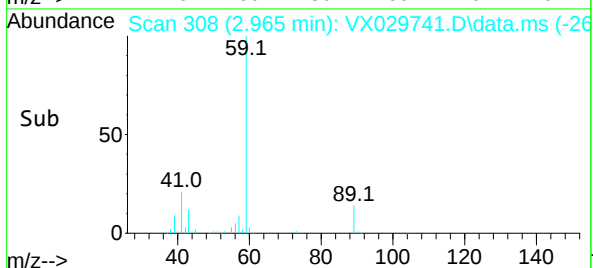
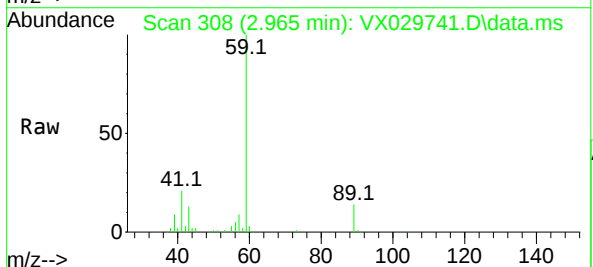


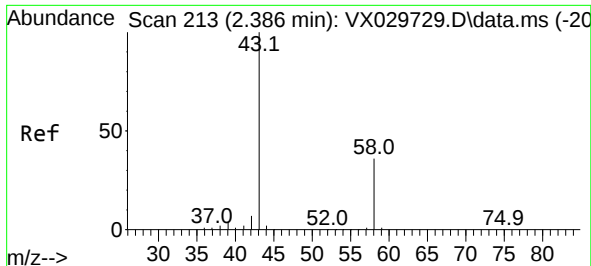
Tgt Ion:168 Resp: 272231
Ion Ratio Lower Upper
168 100
99 58.6 41.7 62.5



#11
Tert butyl alcohol
Concen: 75.170 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX029741.D
Acq: 23 Jun 2022 14:08

Tgt Ion: 59 Resp: 64113
Ion Ratio Lower Upper
59 100
57 8.9 8.3 12.5

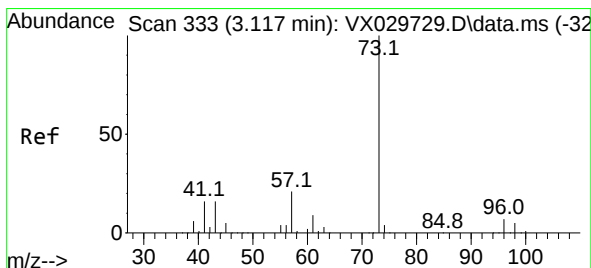
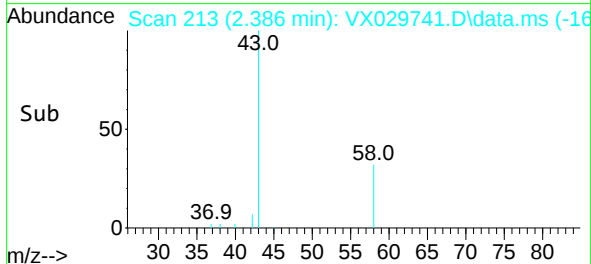
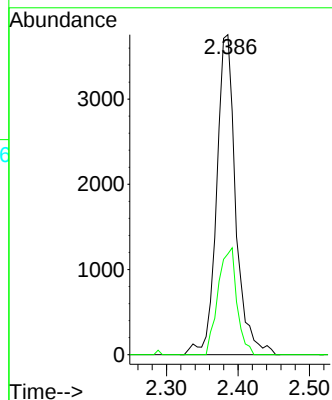
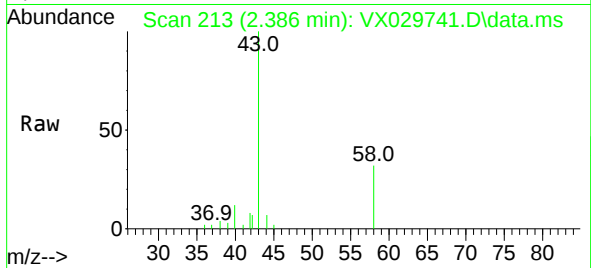




#16
Acetone
Concen: 4.855 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029741.D
Acq: 23 Jun 2022 14:08

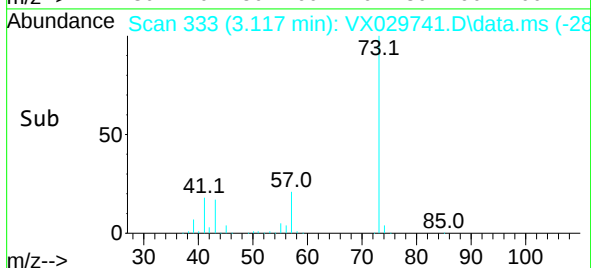
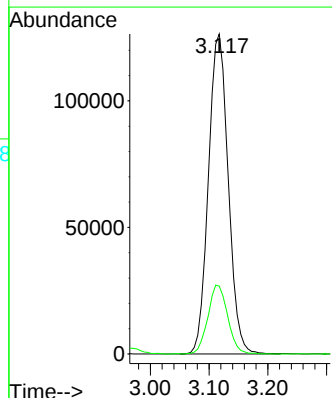
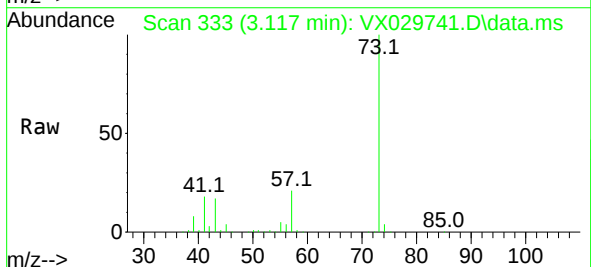
Instrument :
MSVOA_X
ClientSampleId :
MW-29DL

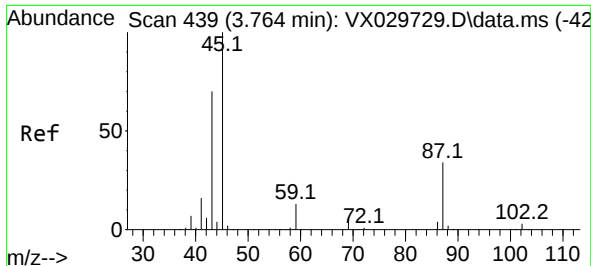
Tgt Ion: 43 Resp: 6974
Ion Ratio Lower Upper
43 100
58 31.5 28.8 43.2



#19
Methyl tert-butyl Ether
Concen: 30.874 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX029741.D
Acq: 23 Jun 2022 14:08

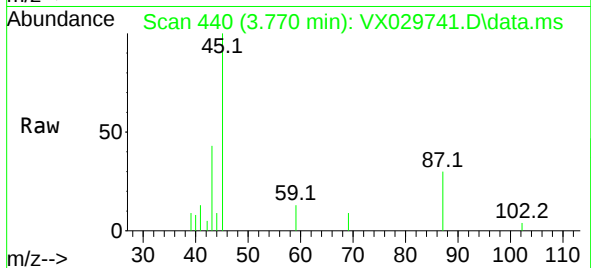
Tgt Ion: 73 Resp: 295610
Ion Ratio Lower Upper
73 100
57 21.2 16.8 25.2



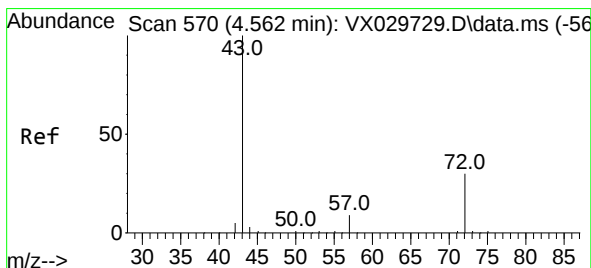
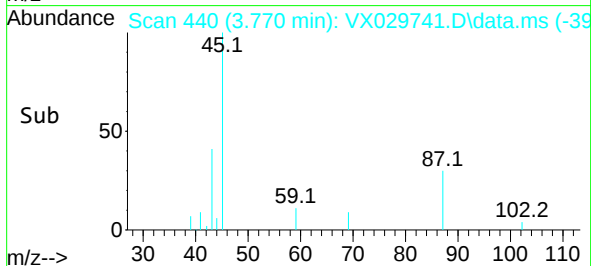
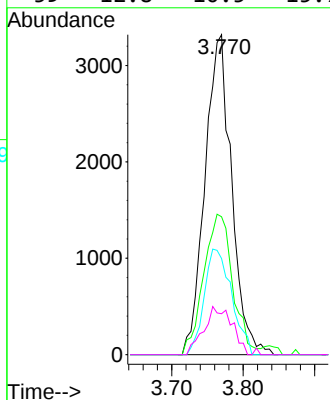


#22
Diisopropyl ether
Concen: 0.974 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.007 min
Lab File: VX029741.D
Acq: 23 Jun 2022 14:08

Instrument :
MSVOA_X
ClientSampleId :
MW-29DL

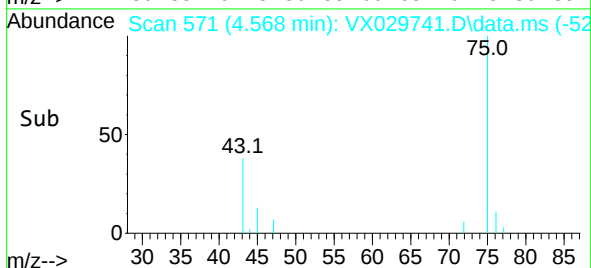
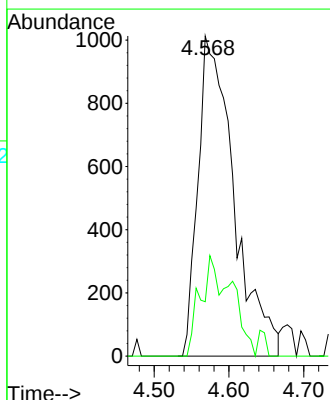
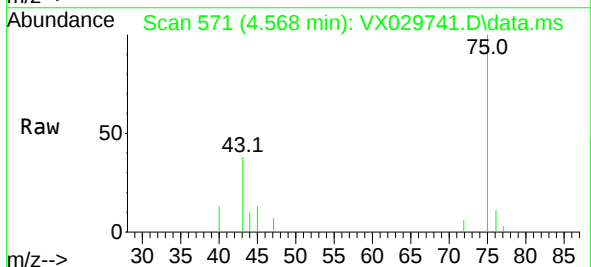


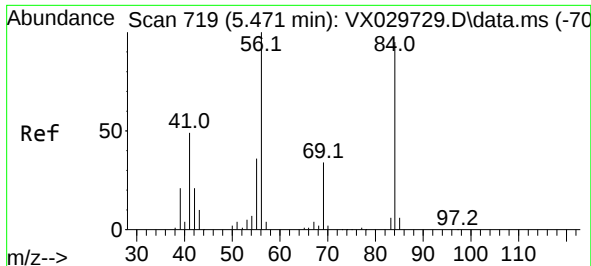
Tgt Ion	Ratio	Lower	Upper
45	100		
43	43.1	50.8	76.2#
87	30.0	26.6	39.8
59	12.8	10.5	15.7



#25
2-Butanone
Concen: 1.489 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX029741.D
Acq: 23 Jun 2022 14:08

Tgt Ion	Ratio	Lower	Upper
43	100		
72	17.0	24.4	36.6#

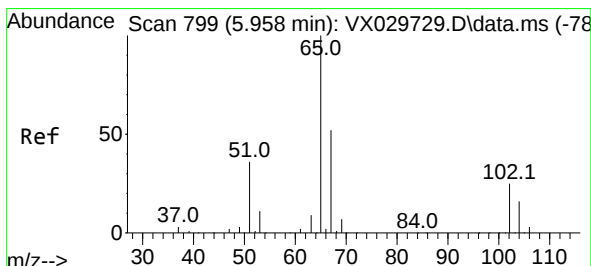
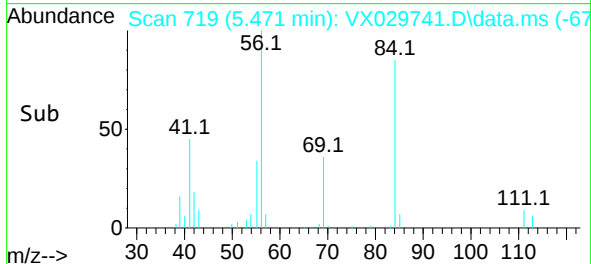
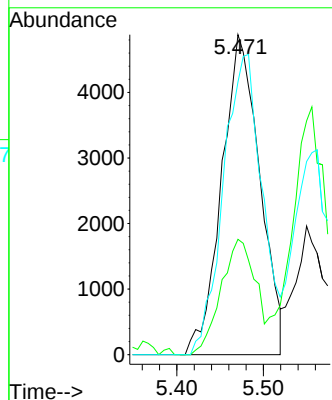
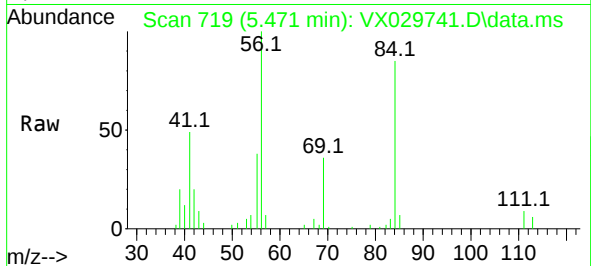




#31
Cyclohexane
Concen: 3.071 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX029741.D
Acq: 23 Jun 2022 14:08

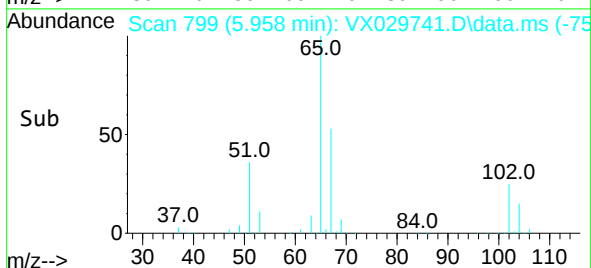
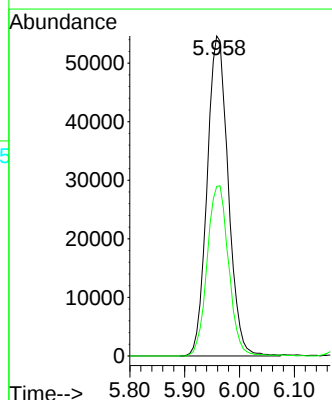
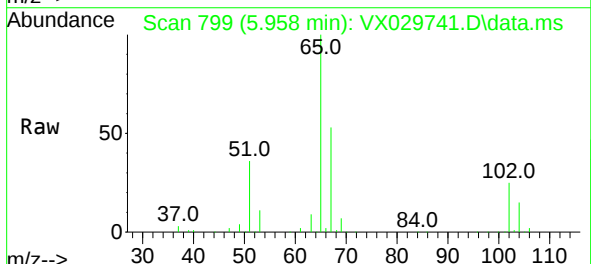
Instrument :
MSVOA_X
ClientSampleId :
MW-29DL

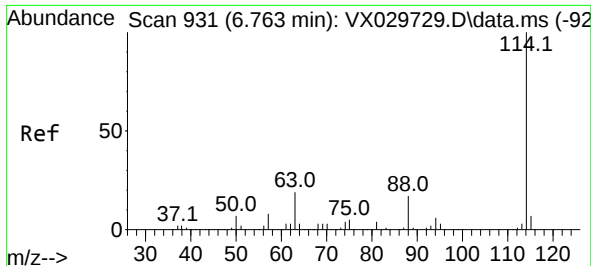
Tgt Ion: 56 Resp: 14856
Ion Ratio Lower Upper
56 100
69 36.1 26.7 40.1
84 85.2 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 40.443 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029741.D
Acq: 23 Jun 2022 14:08

Tgt Ion: 65 Resp: 145740
Ion Ratio Lower Upper
65 100
67 54.0 0.0 107.4

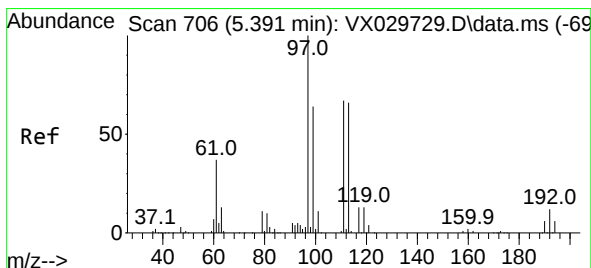
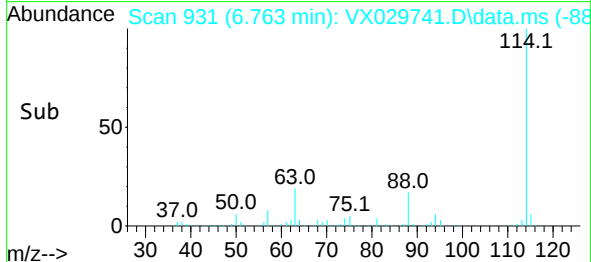
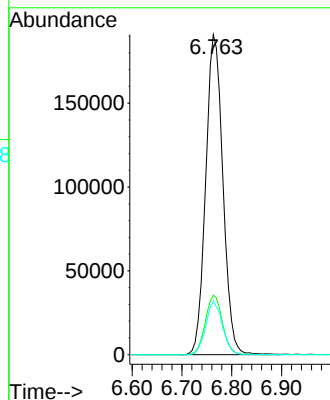
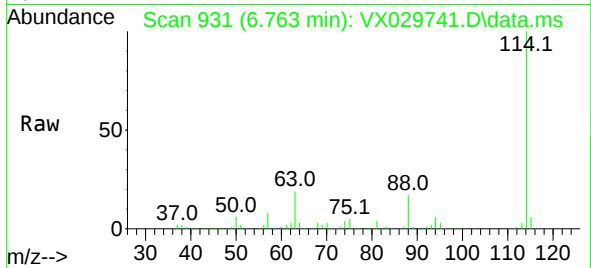




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX029741.D
Acq: 23 Jun 2022 14:08

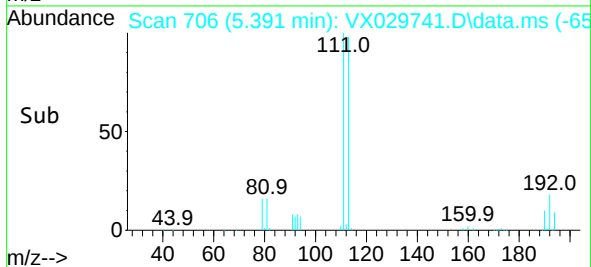
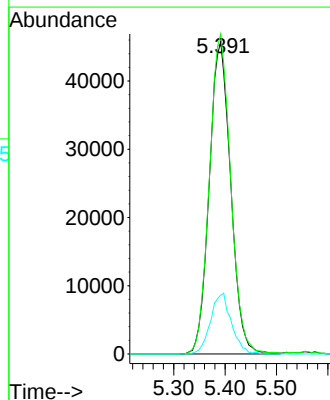
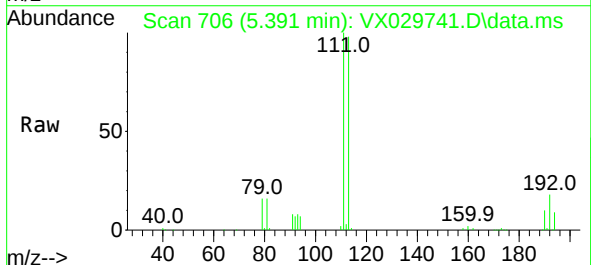
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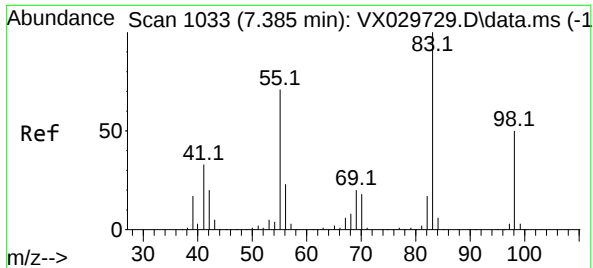
Tgt Ion:114 Resp: 457071
Ion Ratio Lower Upper
114 100
63 18.6 0.0 36.8
88 16.7 0.0 32.4



#35
Dibromofluoromethane
Concen: 44.394 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029741.D
Acq: 23 Jun 2022 14:08

Tgt Ion:113 Resp: 132236
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 18.9 16.9 25.3

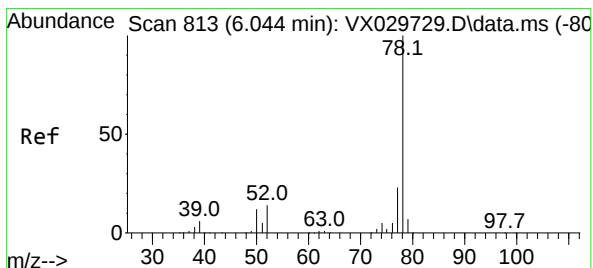
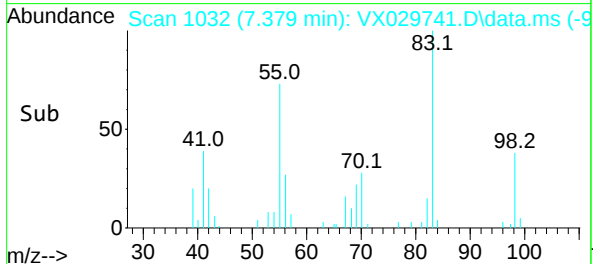
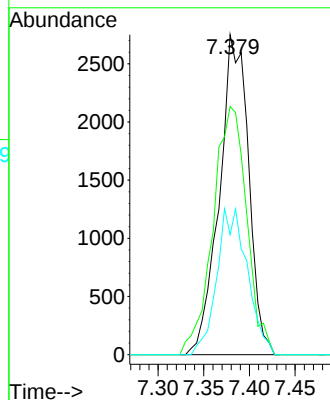
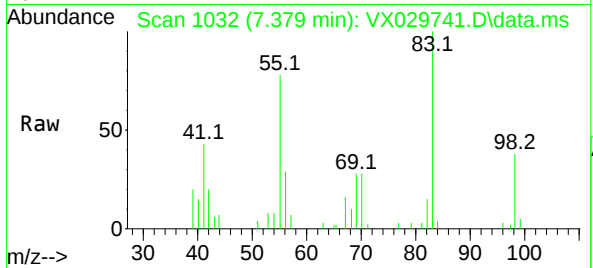




#39
Methylcyclohexane
Concen: 1.215 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX029741.D
Acq: 23 Jun 2022 14:08

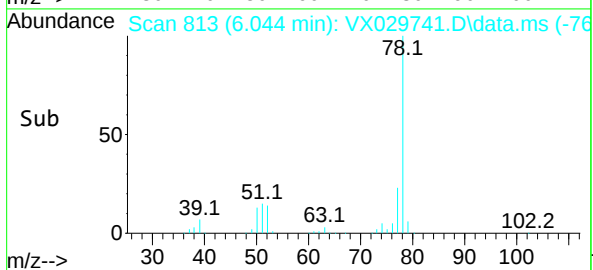
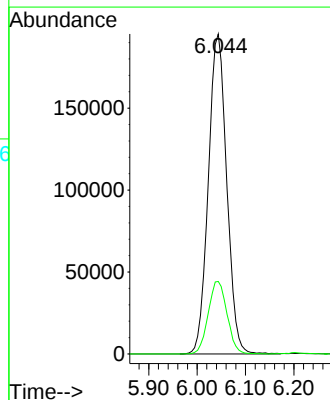
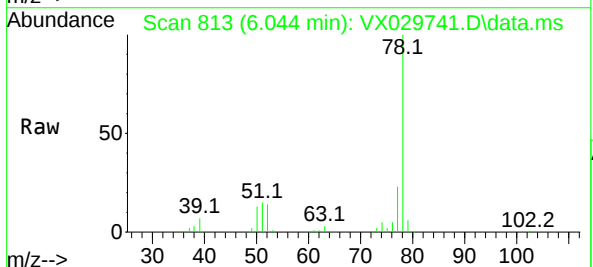
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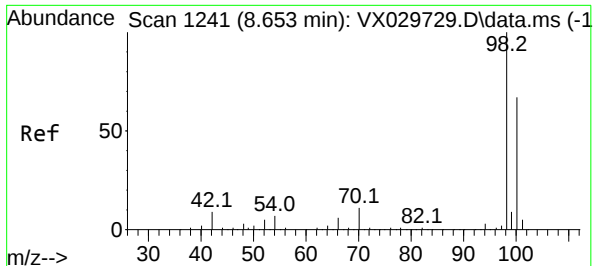
Tgt Ion: 83 Resp: 6108
Ion Ratio Lower Upper
83 100
55 77.5 54.6 81.8
98 37.5 37.4 56.2



#40
Benzene
Concen: 43.117 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX029741.D
Acq: 23 Jun 2022 14:08

Tgt Ion: 78 Resp: 515261
Ion Ratio Lower Upper
78 100
77 22.7 19.3 28.9

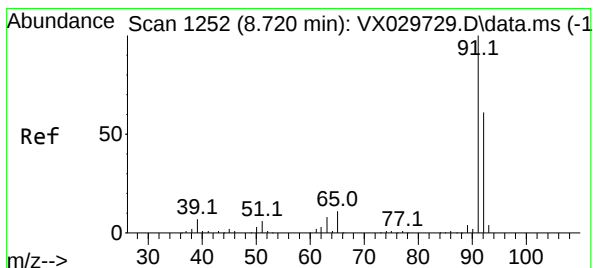
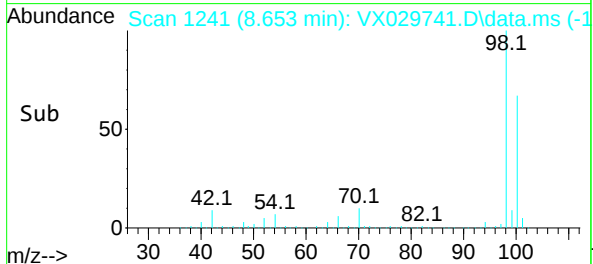
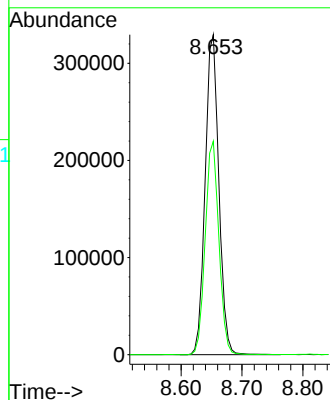
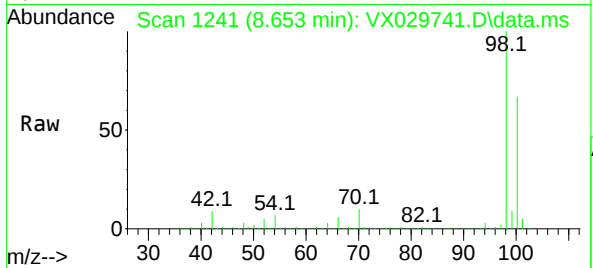




#50
Toluene-d8
Concen: 47.252 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029741.D
Acq: 23 Jun 2022 14:08

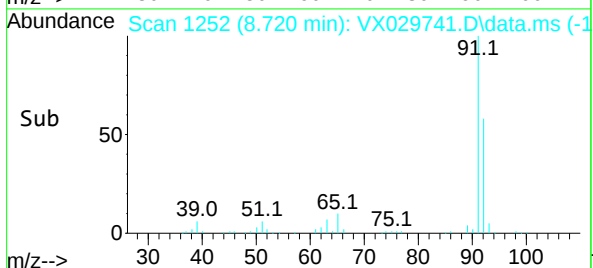
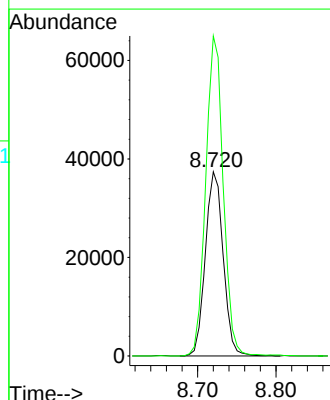
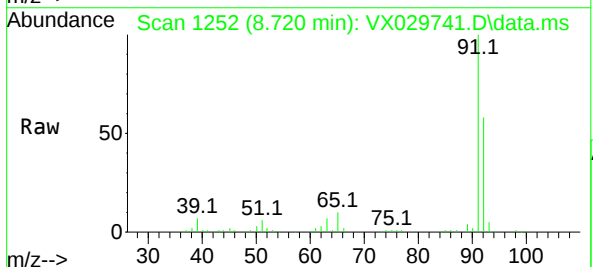
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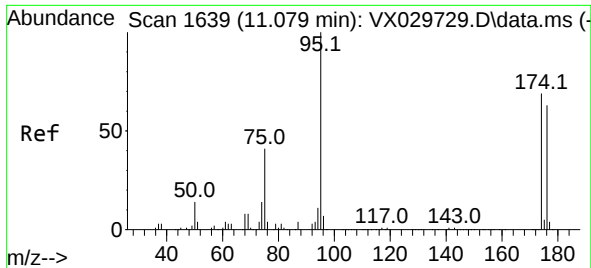
Tgt Ion: 98 Resp: 514180
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8



#52
Toluene
Concen: 7.717 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX029741.D
Acq: 23 Jun 2022 14:08

Tgt Ion: 92 Resp: 59050
Ion Ratio Lower Upper
92 100
91 170.8 137.5 206.3

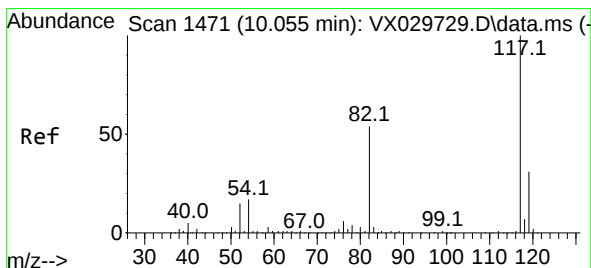
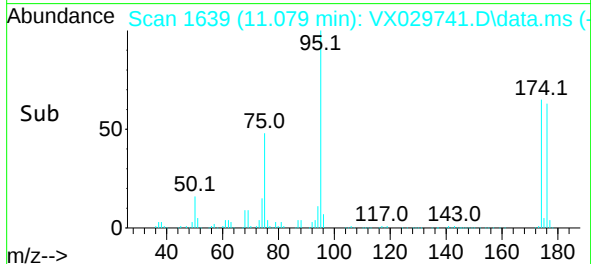
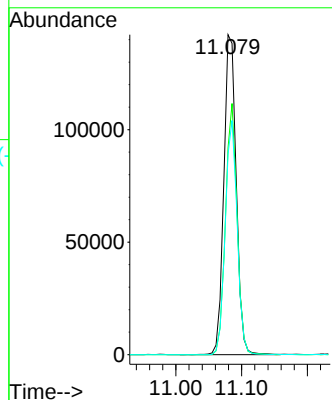
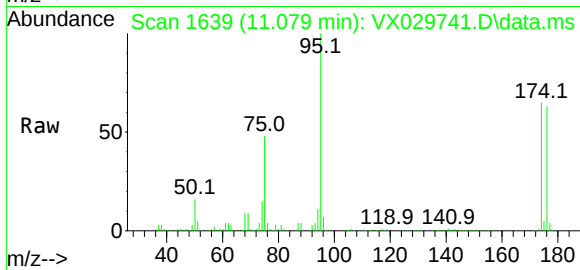




#62
4-Bromofluorobenzene
Concen: 45.510 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX029741.D
Acq: 23 Jun 2022 14:08

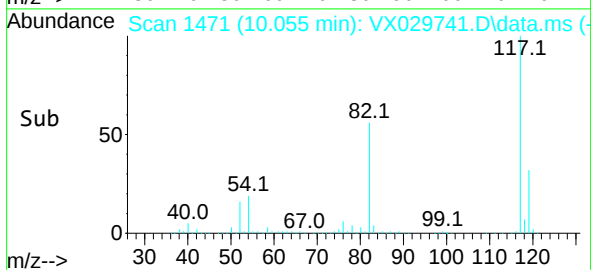
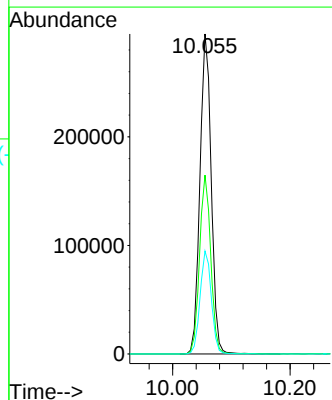
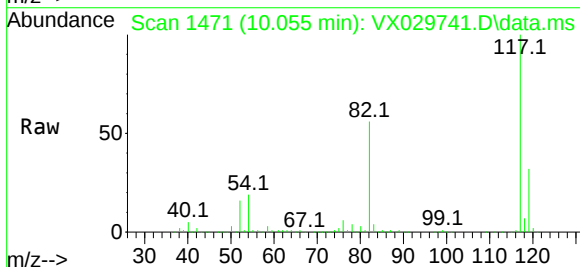
Instrument :
MSVOA_X
ClientSampleId :
MW-29DL

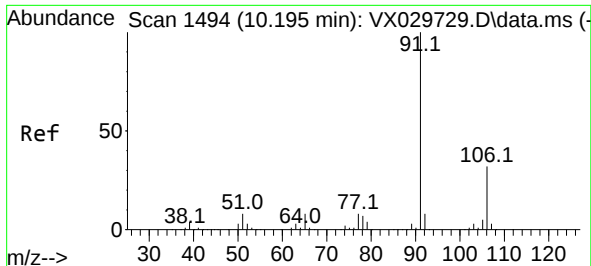
Tgt Ion: 95 Resp: 186753
Ion Ratio Lower Upper
95 100
174 73.2 0.0 163.0
176 70.2 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029741.D
Acq: 23 Jun 2022 14:08

Tgt Ion: 117 Resp: 393490
Ion Ratio Lower Upper
117 100
82 55.9 41.8 62.8
119 32.1 24.8 37.2





#67

Ethyl Benzene

Concen: 12.932 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX029741.D

Acq: 23 Jun 2022 14:08

Instrument :

MSVOA_X

ClientSampleId :

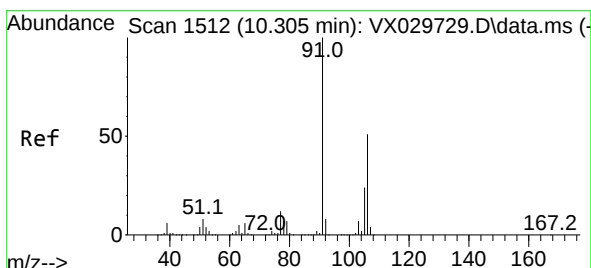
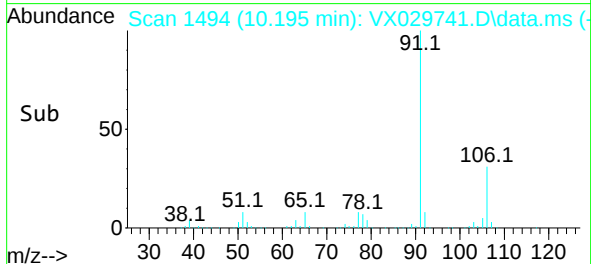
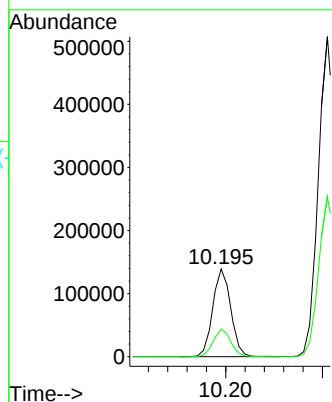
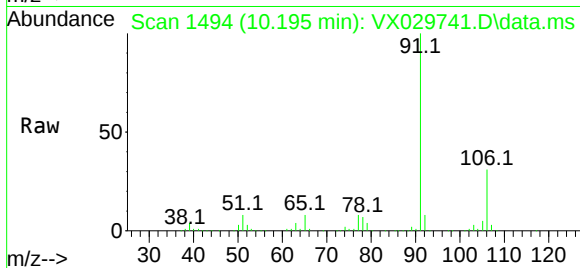
MW-29DL

Tgt Ion: 91 Resp: 179619

Ion Ratio Lower Upper

91 100

106 31.3 24.6 36.8



#68

m/p-Xylenes

Concen: 59.760 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX029741.D

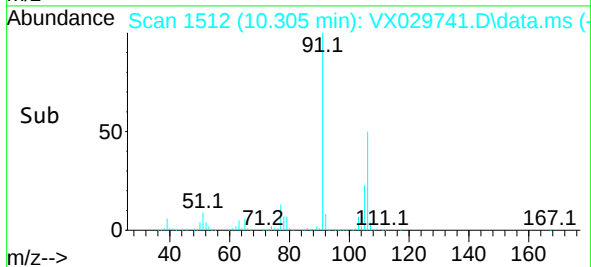
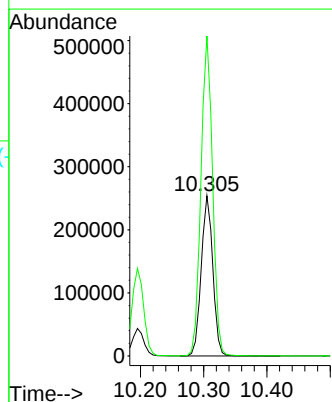
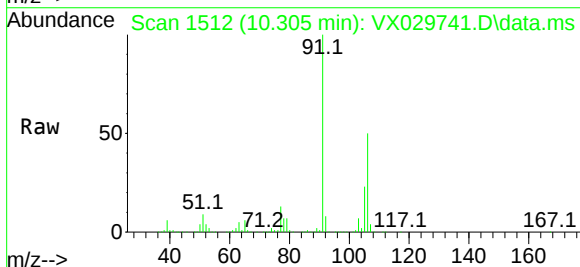
Acq: 23 Jun 2022 14:08

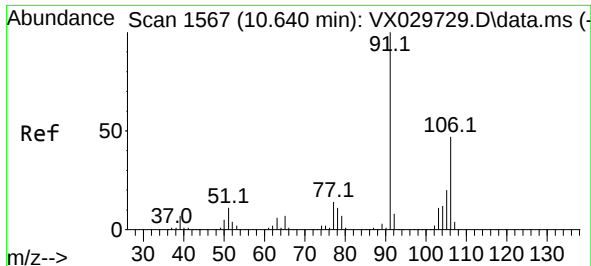
Tgt Ion: 106 Resp: 323695

Ion Ratio Lower Upper

106 100

91 200.4 160.4 240.6

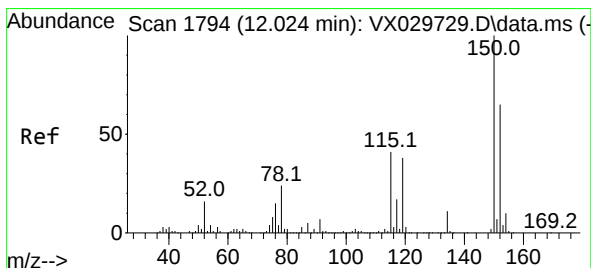
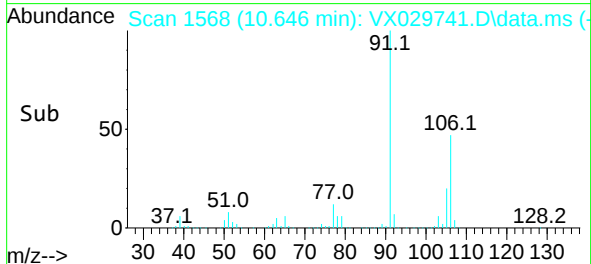
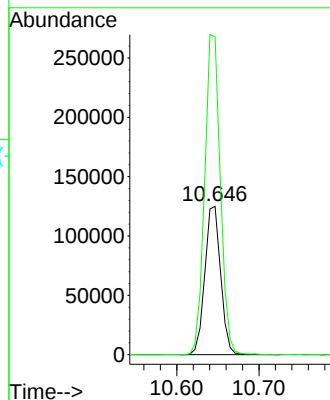
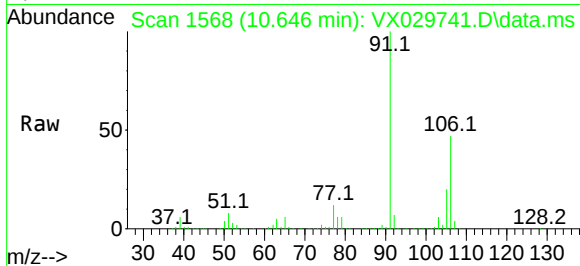




#69
o-Xylene
Concen: 31.166 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029741.D
Acq: 23 Jun 2022 14:08

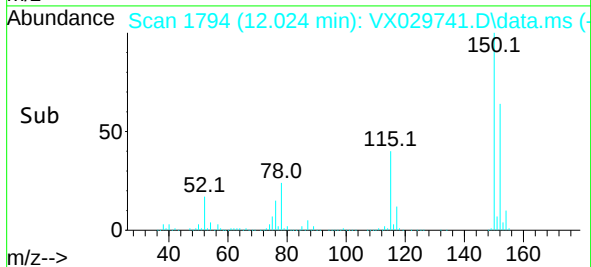
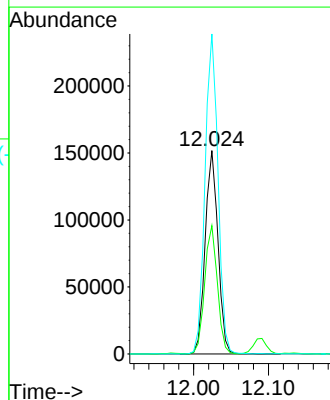
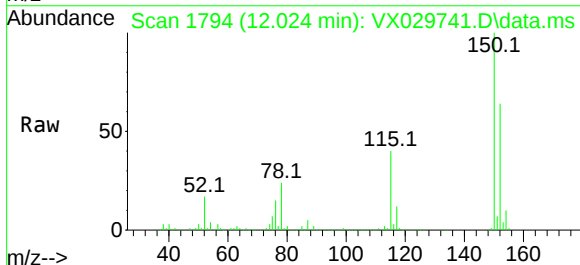
Instrument :
MSVOA_X
ClientSampleId :
MW-29DL

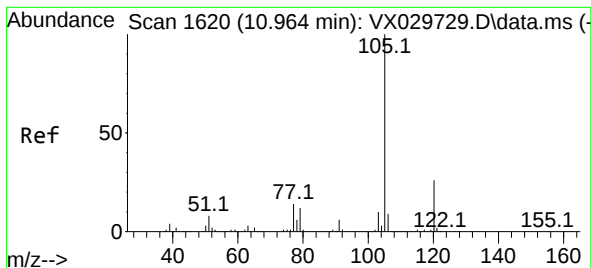
Tgt Ion:106 Resp: 166785
Ion Ratio Lower Upper
106 100
91 214.5 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029741.D
Acq: 23 Jun 2022 14:08

Tgt Ion:152 Resp: 180465
Ion Ratio Lower Upper
152 100
115 62.3 37.5 112.7
150 159.0 0.0 338.2





#73

Isopropylbenzene

Concen: 6.327 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX029741.D

Acq: 23 Jun 2022 14:08

Instrument :

MSVOA_X

ClientSampleId :

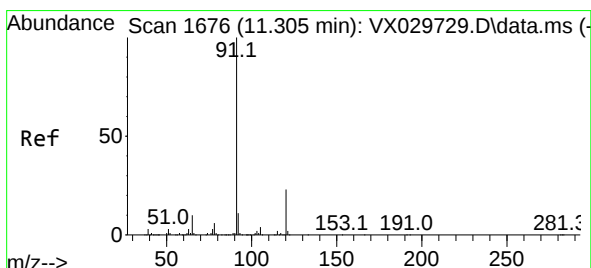
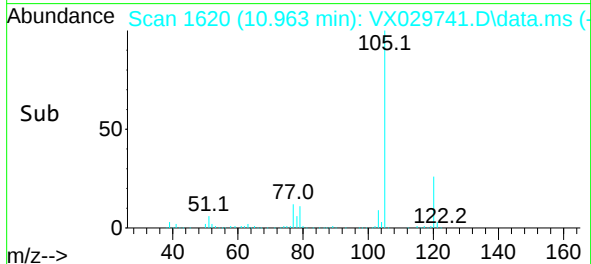
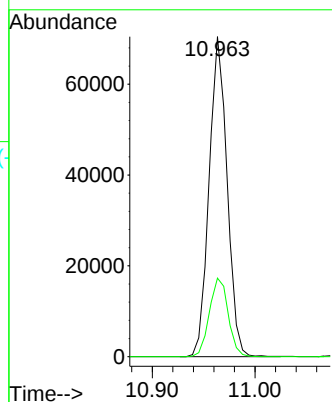
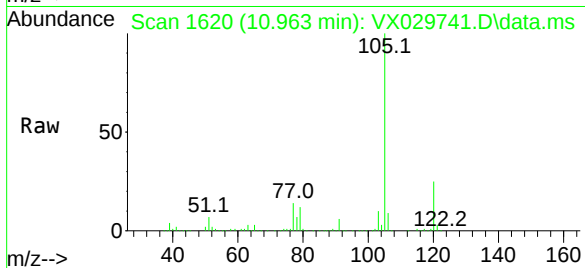
MW-29DL

Tgt Ion:105 Resp: 85609

Ion Ratio Lower Upper

105 100

120 25.6 13.5 40.5



#78

n-propylbenzene

Concen: 7.869 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX029741.D

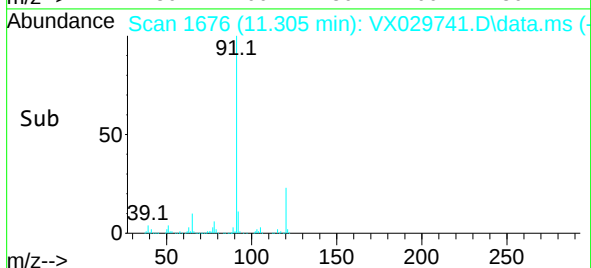
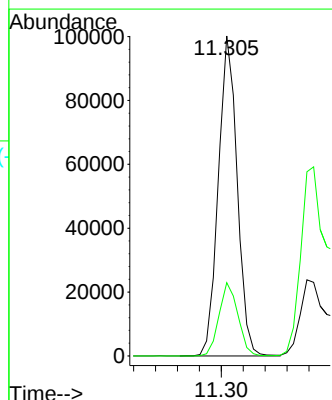
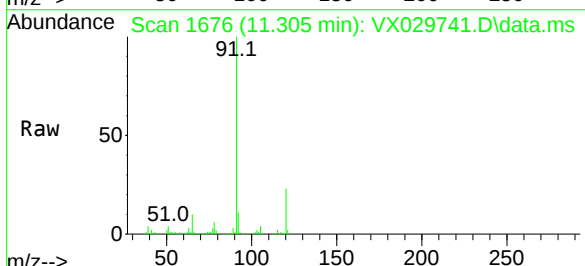
Acq: 23 Jun 2022 14:08

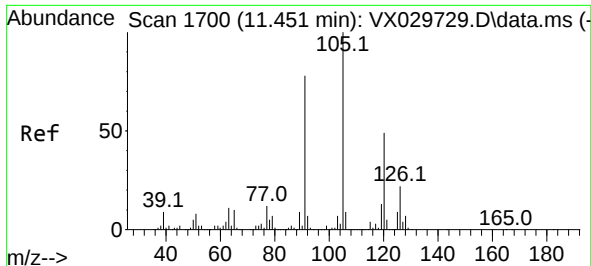
Tgt Ion: 91 Resp: 119924

Ion Ratio Lower Upper

91 100

120 23.0 11.6 34.8

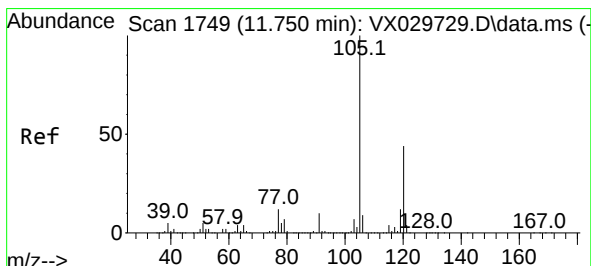
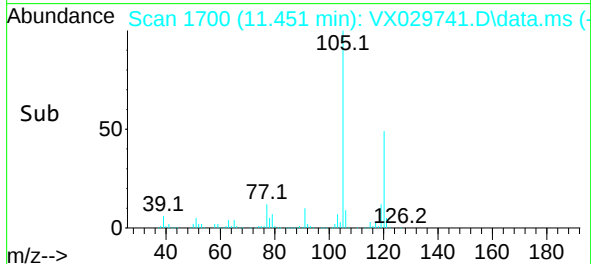
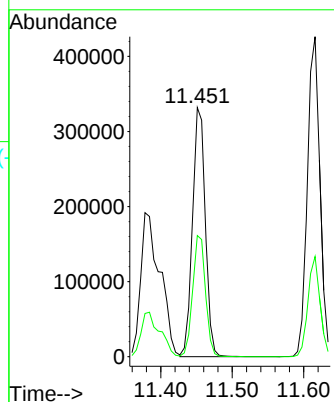
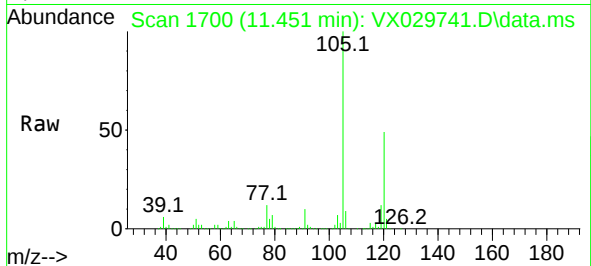




#80
 1,3,5-Trimethylbenzene
 Concen: 36.343 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX029741.D
 Acq: 23 Jun 2022 14:08

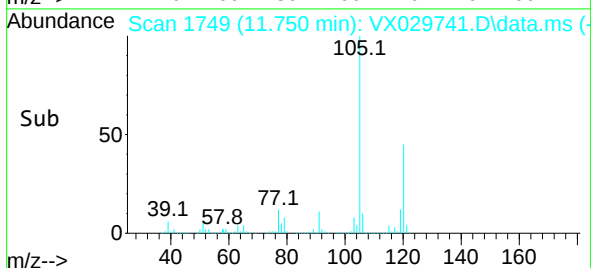
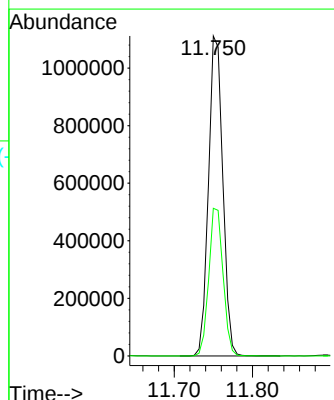
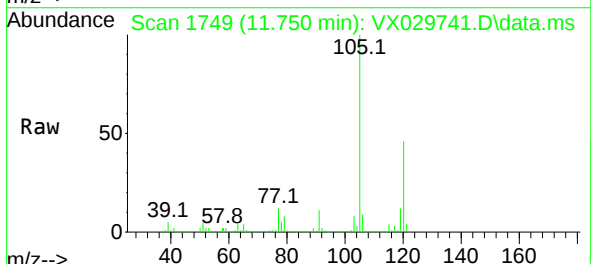
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-29DL

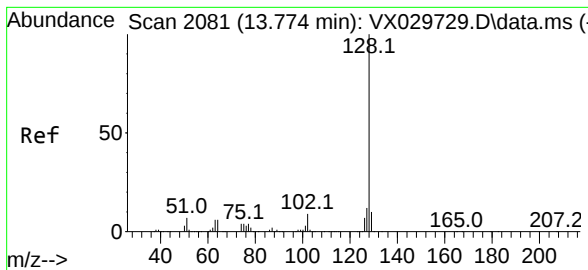
Tgt Ion:105 Resp: 414145
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.3 72.9



#84
 1,2,4-Trimethylbenzene
 Concen: 123.537 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.006 min
 Lab File: VX029741.D
 Acq: 23 Jun 2022 14:08

Tgt Ion:105 Resp: 1404019
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.6 67.8





#95
 Naphthalene
 Concen: 50.402 ug/l
 RT: 13.774 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: VX029741.D
 Acq: 23 Jun 2022 14:08

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-29DL

Tgt Ion:	128	Resp:	638015
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	11.0	8.7	13.1

