

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
 Data File : VX029032.D
 Acq On : 27 May 2022 18:20
 Operator : JC/MD
 Sample : N2968-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-29

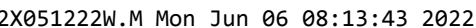
Quant Time: May 27 22:11:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

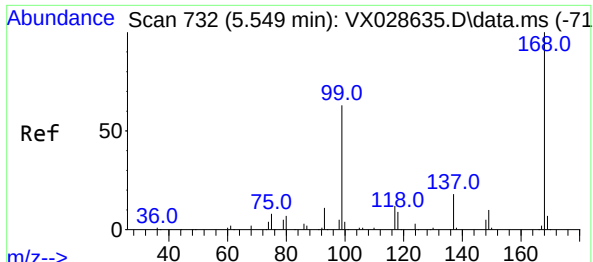
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	339697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	608330	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	585572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	283172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	219852	47.214	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.420%
35) Dibromofluoromethane	5.391	113	198134	49.711	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.420%
50) Toluene-d8	8.653	98	719909	47.908	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.820%
62) 4-Bromofluorobenzene	11.085	95	292136	52.050	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.100%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	19817	12.473	ug/l	100
16) Acetone	2.380	43	26882	13.451	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	28724	2.302	ug/l	94
25) 2-Butanone	4.568	43	8011	2.554	ug/l	97
39) Methylcyclohexane	7.385	83	2844	0.414	ug/l #	74
40) Benzene	6.044	78	532109	30.928	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	13328	2.068	ug/l	95
52) Toluene	8.720	92	141205	12.758	ug/l	97
67) Ethyl Benzene	10.195	91	273605	12.288	ug/l	100
68) m/p-Xylenes	10.305	106	115973	13.378	ug/l	99
69) o-Xylene	10.640	106	62039	7.269	ug/l	98
73) Isopropylbenzene	10.964	105	11990	0.558	ug/l	96
78) n-propylbenzene	11.305	91	26468	1.066	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	15274	0.854	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	140983	7.857	ug/l	99
95) Naphthalene	13.780	128	59608	2.962	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

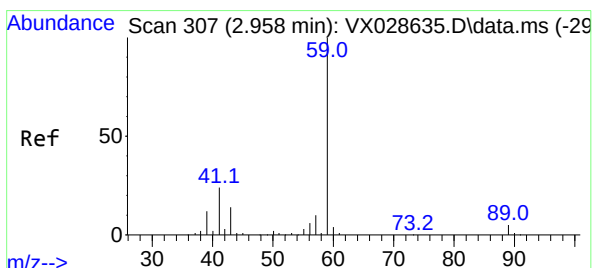
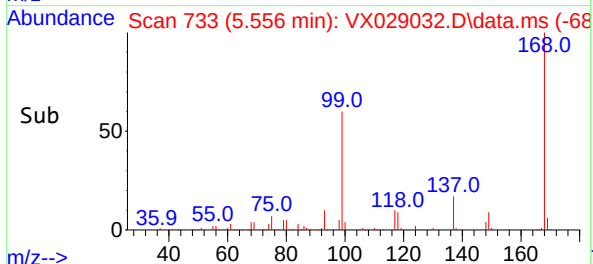
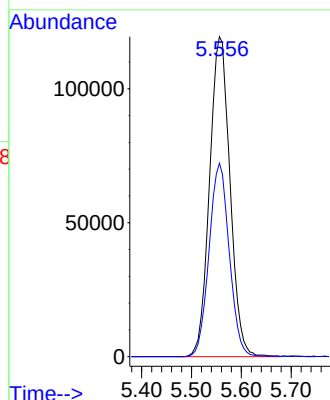
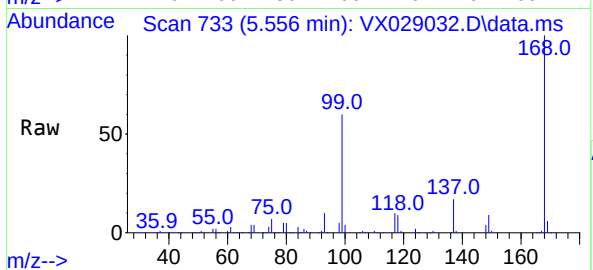




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX029032.D
Acq: 27 May 2022 18:20

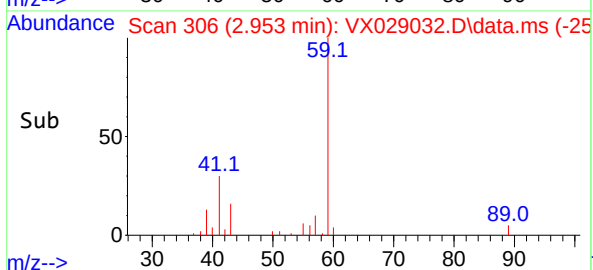
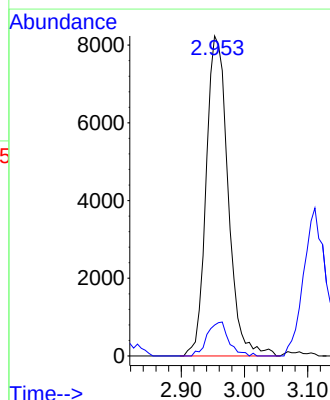
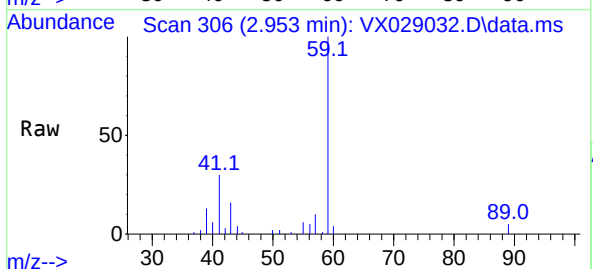
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ClientSampleId :
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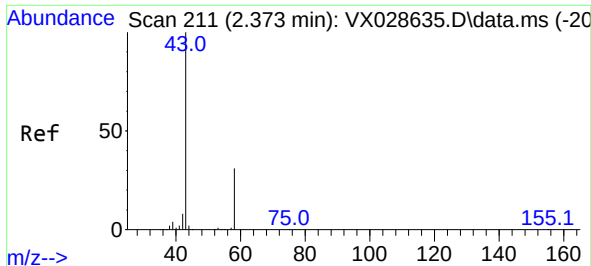
Tgt Ion:168 Resp: 339697
Ion Ratio Lower Upper
168 100
99 60.4 41.7 62.5



#11
Tert butyl alcohol
Concen: 12.473 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.005 min
Lab File: VX029032.D
Acq: 27 May 2022 18:20

Tgt Ion: 59 Resp: 19817
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

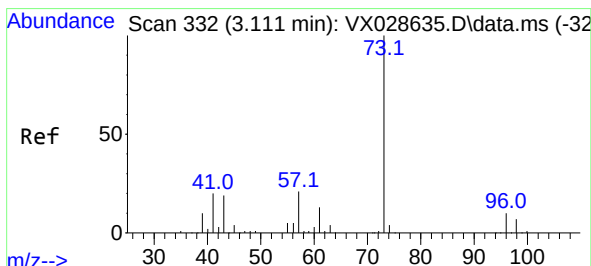
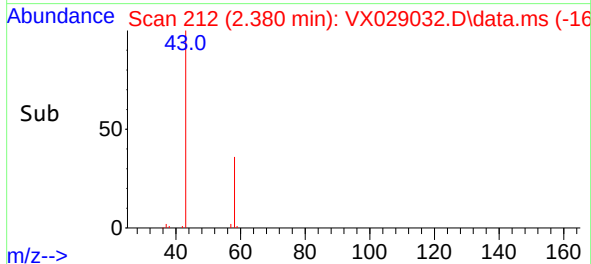
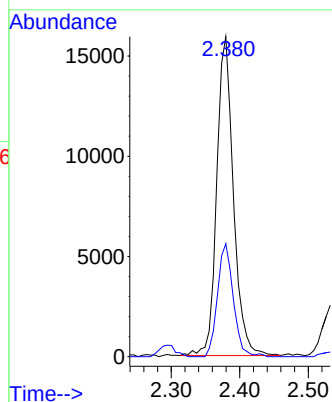
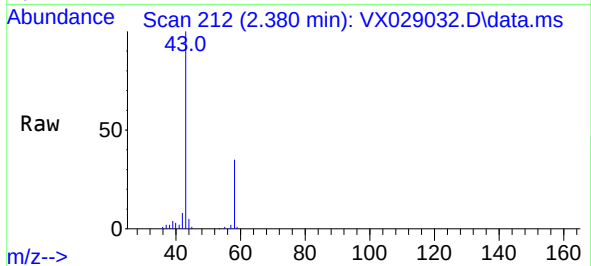




#16
Acetone
Concen: 13.451 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX029032.D
Acq: 27 May 2022 18:20

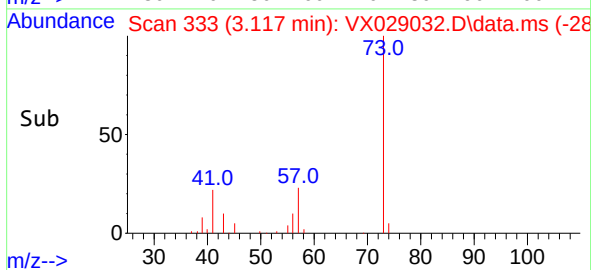
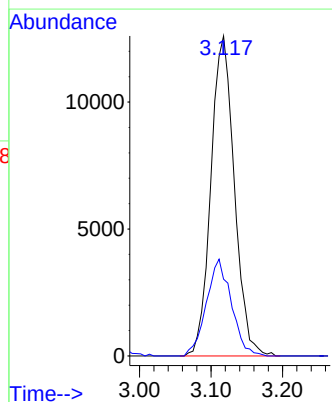
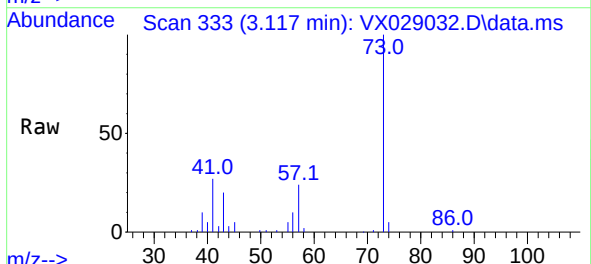
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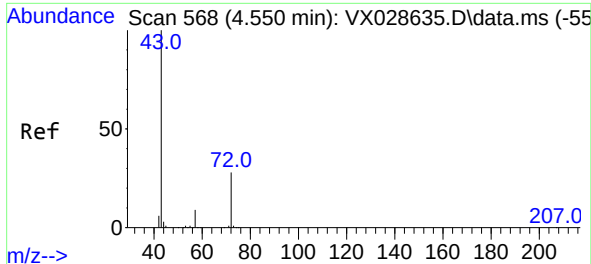
Tgt Ion: 43 Resp: 26882
Ion Ratio Lower Upper
43 100
58 35.4 28.8 43.2



#19
Methyl tert-butyl Ether
Concen: 2.302 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX029032.D
Acq: 27 May 2022 18:20

Tgt Ion: 73 Resp: 28724
Ion Ratio Lower Upper
73 100
57 24.0 16.8 25.2





#25

2-Butanone

Concen: 2.554 ug/l

RT: 4.568 min Scan# 5

Delta R.T. 0.018 min

Lab File: VX029032.D

Acq: 27 May 2022 18:20

Instrument :

MSVOA_X

ClientSampleId :

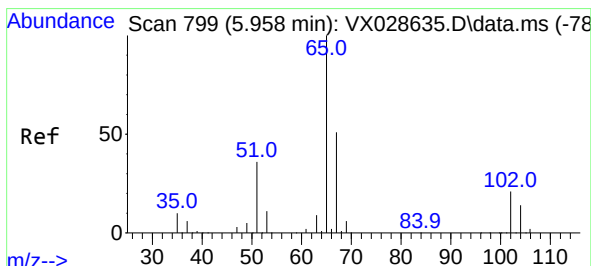
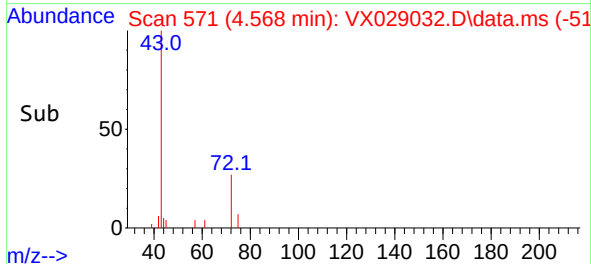
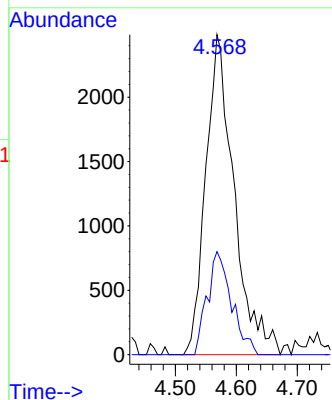
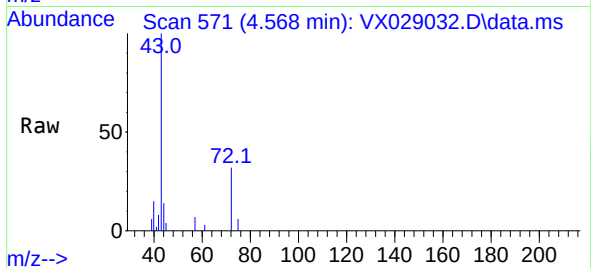
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Tgt Ion: 43 Resp: 8011

Ion Ratio Lower Upper

43 100

72 32.2 24.4 36.6



#33

1,2-Dichloroethane-d4

Concen: 47.214 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029032.D

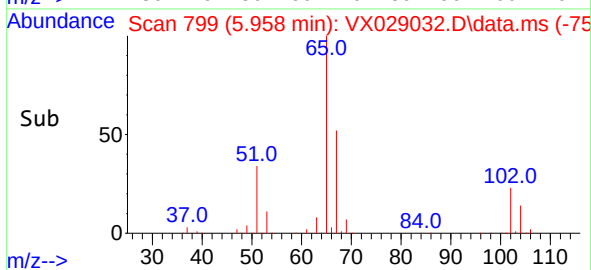
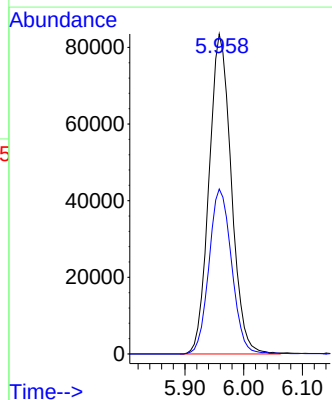
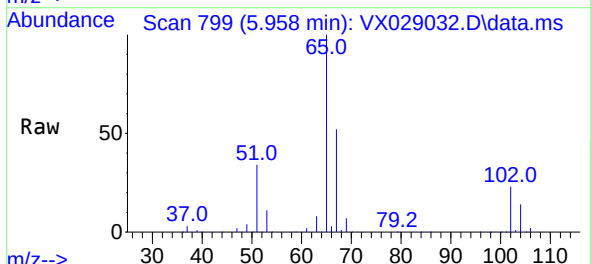
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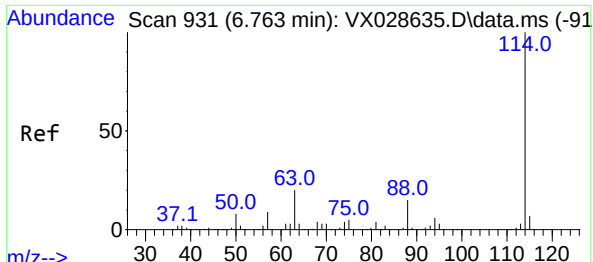
Tgt Ion: 65 Resp: 219852

Ion Ratio Lower Upper

65 100

67 52.3 0.0 107.4

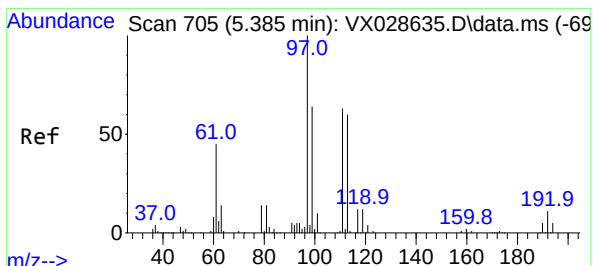
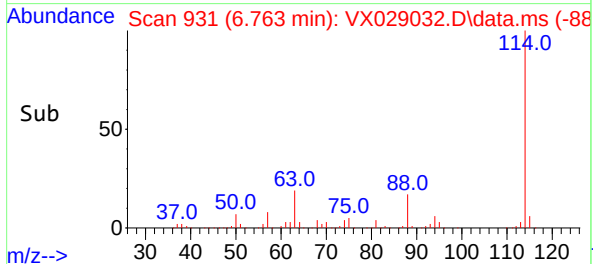
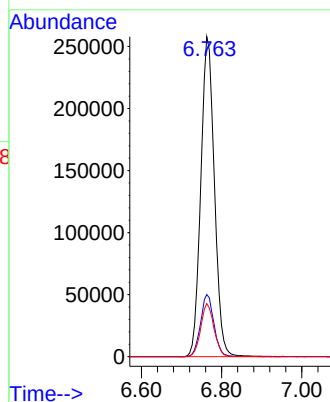
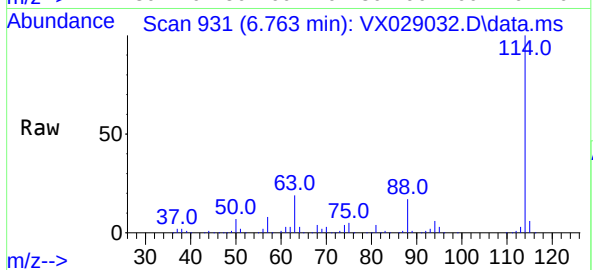




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX029032.D
Acq: 27 May 2022 18:20

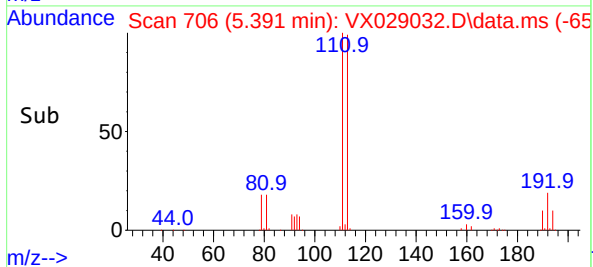
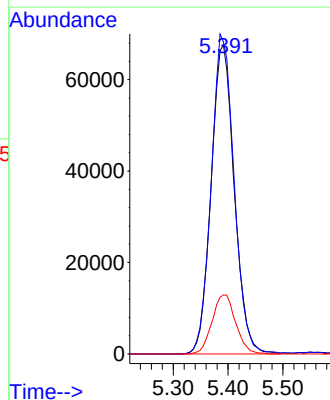
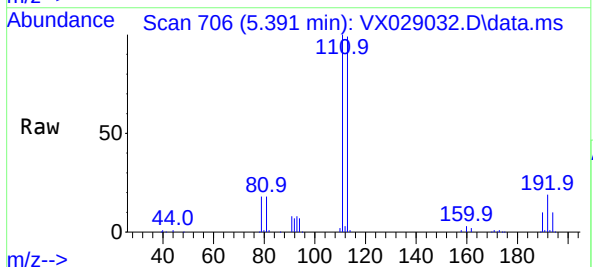
Instrument :
MSVOA_X
ClientSampleId :
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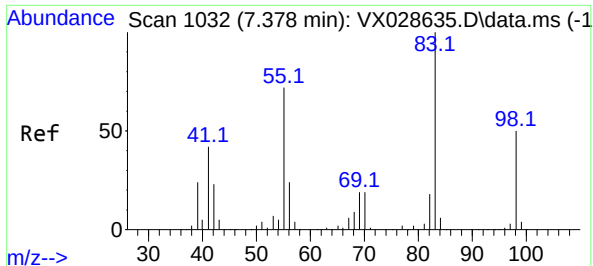
Tgt Ion:114 Resp: 608330
Ion Ratio Lower Upper
114 100
63 19.4 0.0 36.8
88 16.6 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.711 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX029032.D
Acq: 27 May 2022 18:20

Tgt Ion:113 Resp: 198134
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 19.4 16.9 25.3

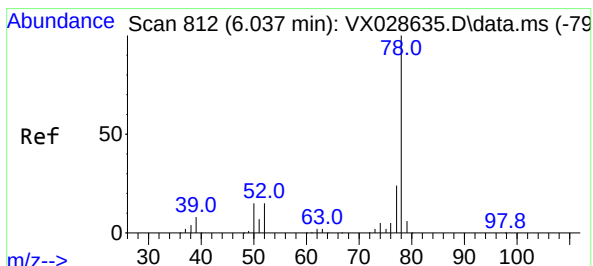
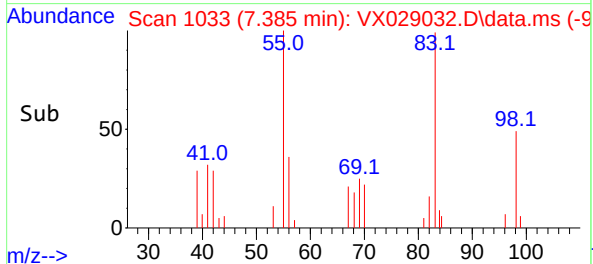
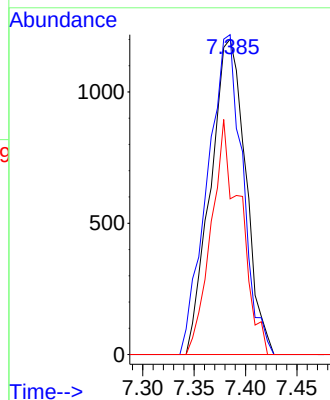
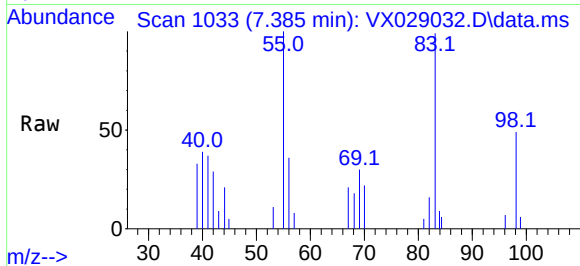




#39
Methylcyclohexane
Concen: 0.414 ug/l
RT: 7.385 min Scan# 10
Delta R.T. 0.007 min
Lab File: VX029032.D
Acq: 27 May 2022 18:20

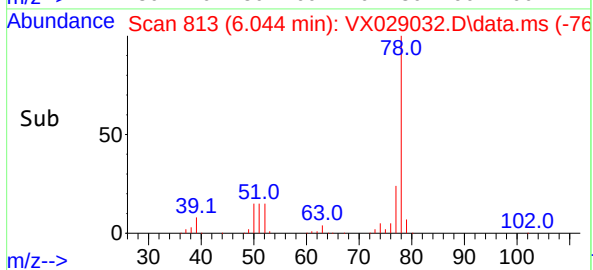
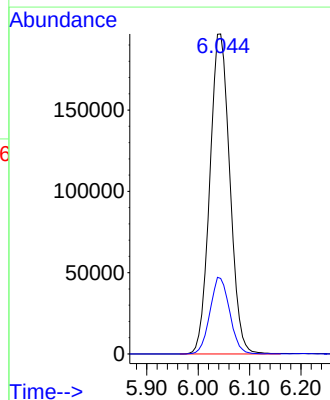
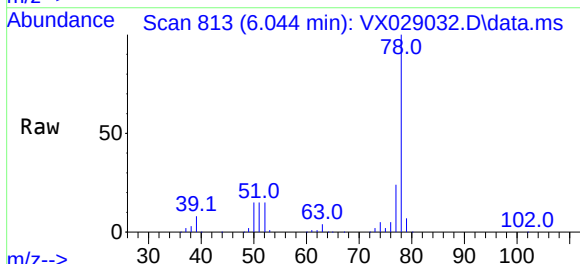
Instrument :
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ClientSampleId :
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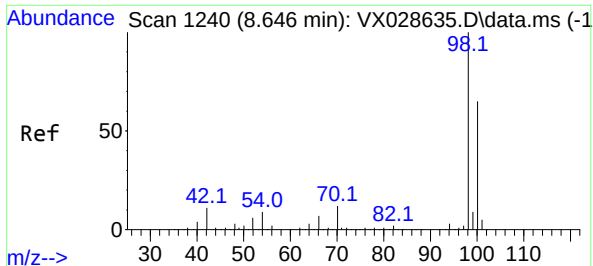
Tgt Ion: 83 Resp: 2844
Ion Ratio Lower Upper
83 100
55 101.4 54.6 81.8#
98 49.4 37.4 56.2



#40
Benzene
Concen: 30.928 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.007 min
Lab File: VX029032.D
Acq: 27 May 2022 18:20

Tgt Ion: 78 Resp: 532109
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9

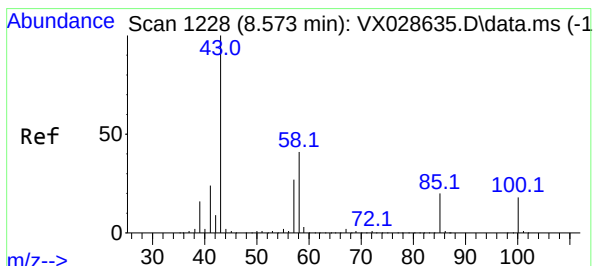
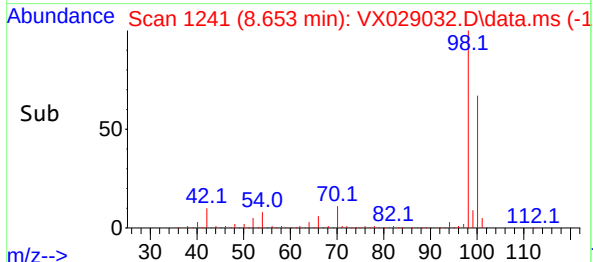
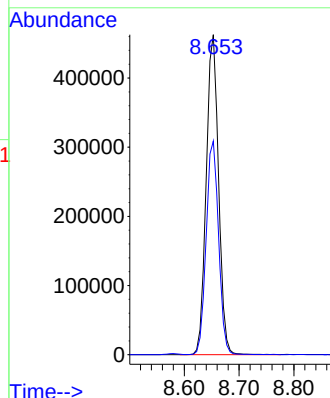
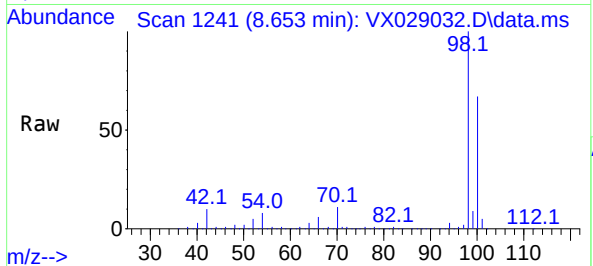




#50
Toluene-d8
Concen: 47.908 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX029032.D
Acq: 27 May 2022 18:20

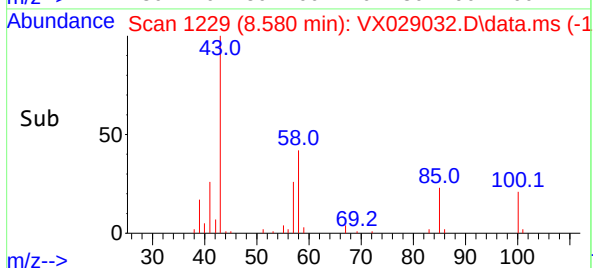
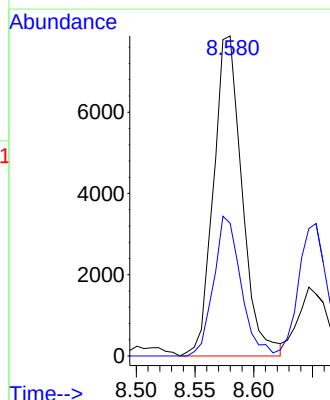
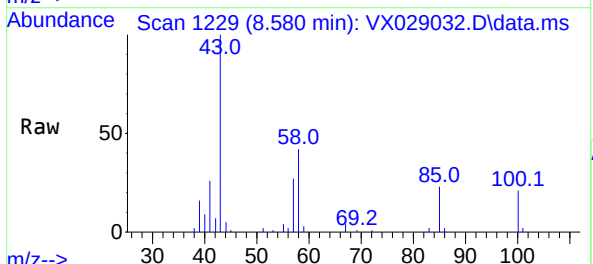
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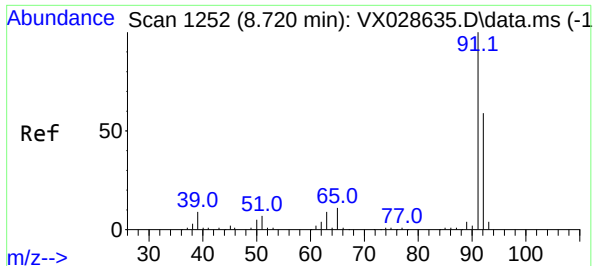
Tgt Ion: 98 Resp: 719909
Ion Ratio Lower Upper
98 100
100 67.1 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 2.068 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.007 min
Lab File: VX029032.D
Acq: 27 May 2022 18:20

Tgt Ion: 43 Resp: 13328
Ion Ratio Lower Upper
43 100
58 41.7 36.1 54.1

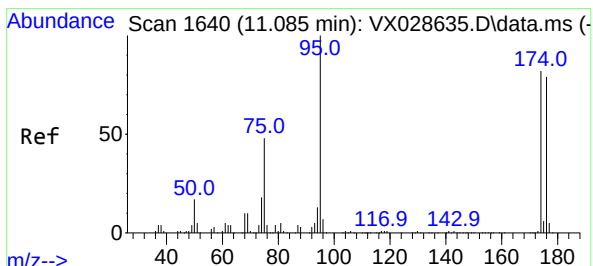
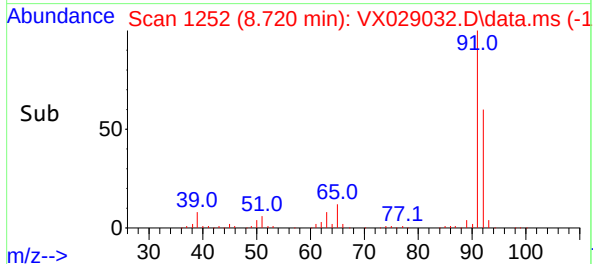
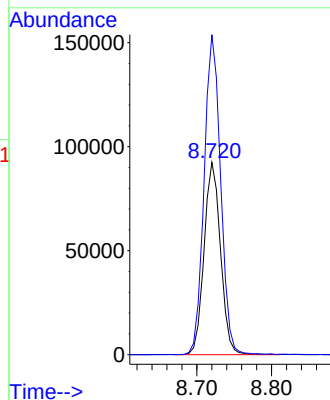
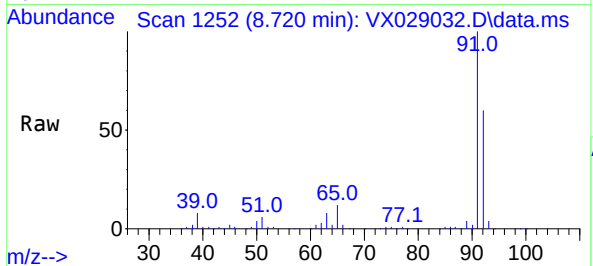




#52
Toluene
Concen: 12.758 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029032.D
Acq: 27 May 2022 18:20

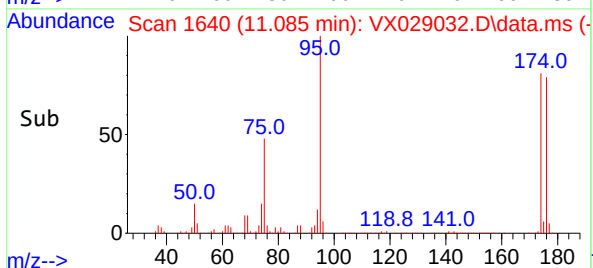
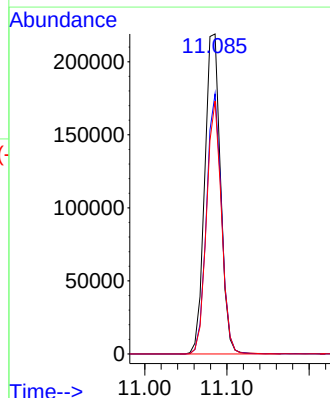
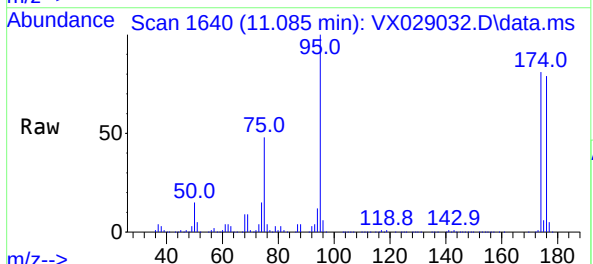
Instrument :
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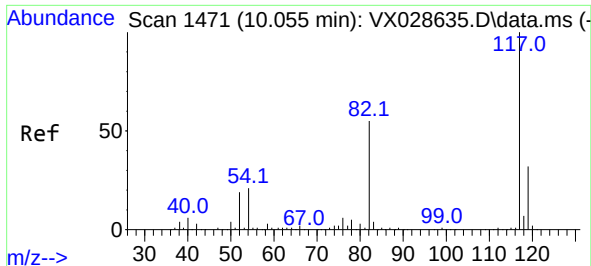
Tgt Ion: 92 Resp: 141205
Ion Ratio Lower Upper
92 100
91 167.1 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 52.050 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029032.D
Acq: 27 May 2022 18:20

Tgt Ion: 95 Resp: 292136
Ion Ratio Lower Upper
95 100
174 77.0 0.0 163.0
176 74.6 0.0 155.0

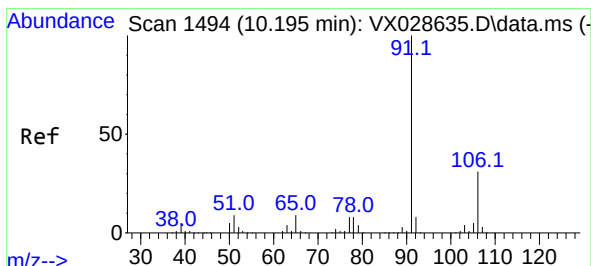
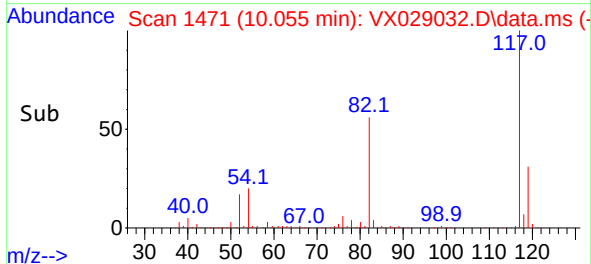
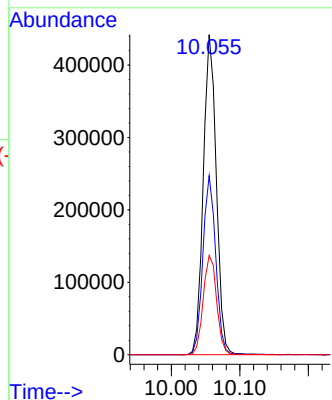
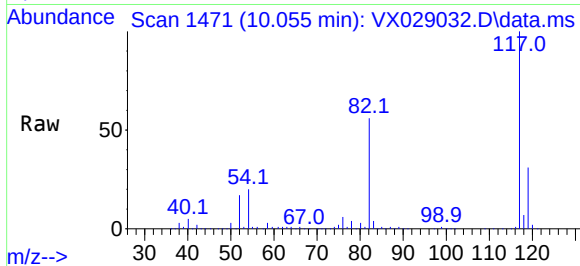




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029032.D
Acq: 27 May 2022 18:20

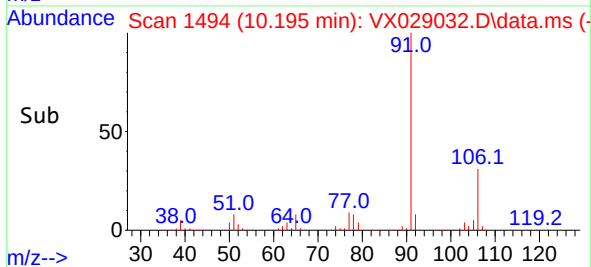
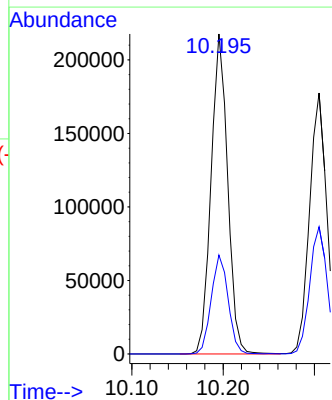
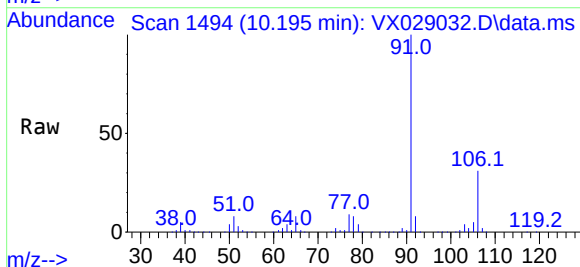
Instrument :
MSVOA_X
ClientSampleId :
MW-29

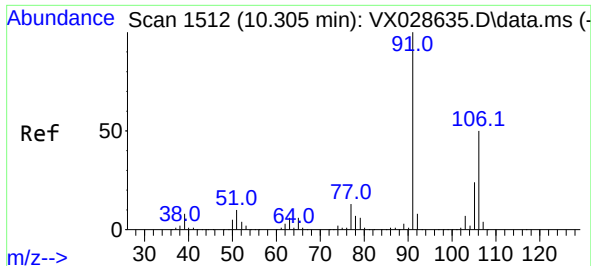
Tgt Ion:117 Resp: 585572
Ion Ratio Lower Upper
117 100
82 56.0 41.8 62.8
119 31.0 24.8 37.2



#67
Ethyl Benzene
Concen: 12.288 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029032.D
Acq: 27 May 2022 18:20

Tgt Ion: 91 Resp: 273605
Ion Ratio Lower Upper
91 100
106 30.9 24.6 36.8

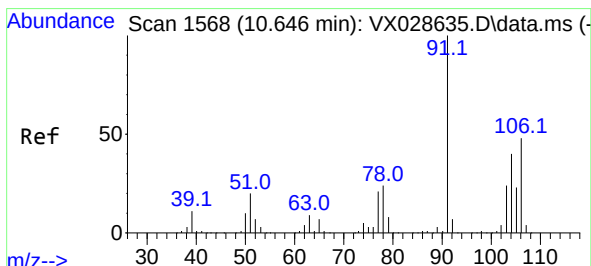
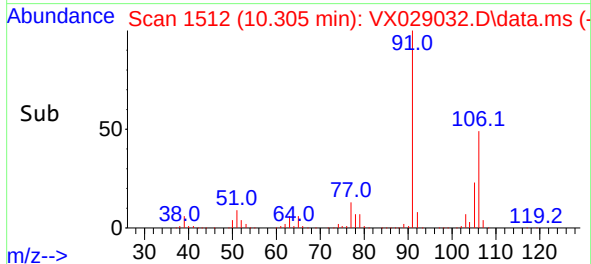
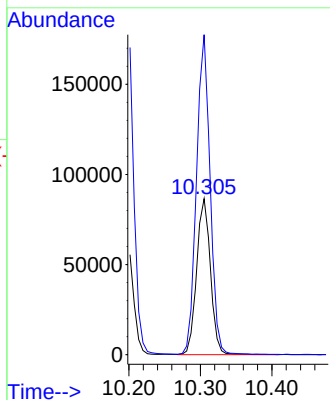
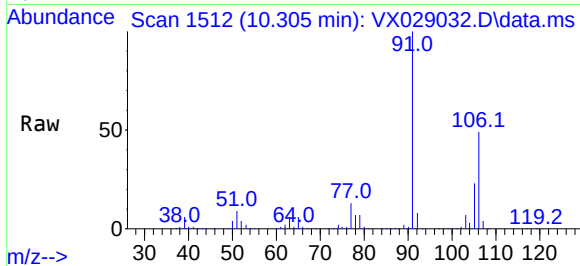




#68
m/p-Xylenes
Concen: 13.378 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029032.D
Acq: 27 May 2022 18:20

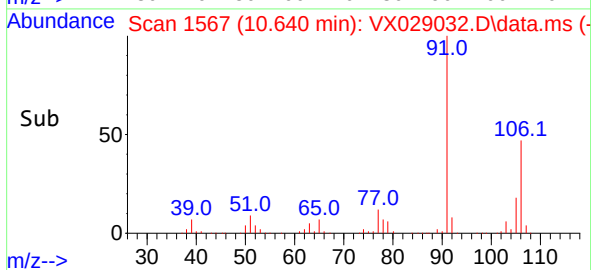
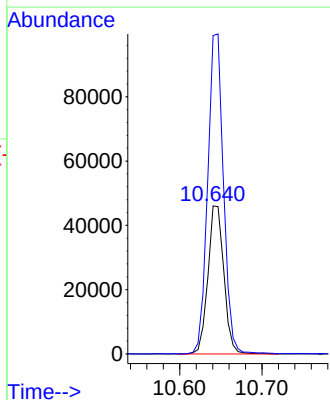
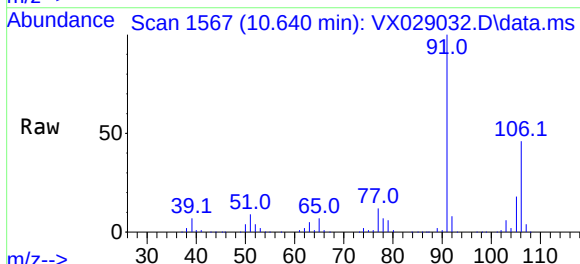
Instrument :
MSVOA_X
ClientSampleId :
MW-29

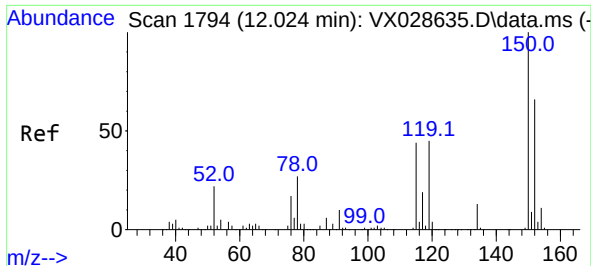
Tgt Ion:106 Resp: 115973
Ion Ratio Lower Upper
106 100
91 202.1 160.4 240.6



#69
o-Xylene
Concen: 7.269 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX029032.D
Acq: 27 May 2022 18:20

Tgt Ion:106 Resp: 62039
Ion Ratio Lower Upper
106 100
91 214.5 106.1 318.1

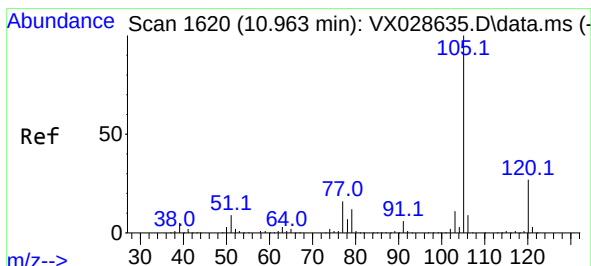
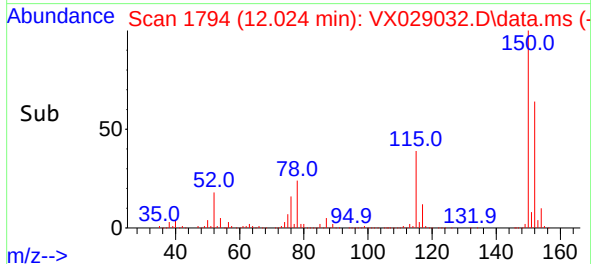
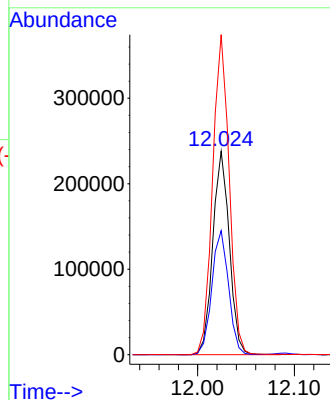
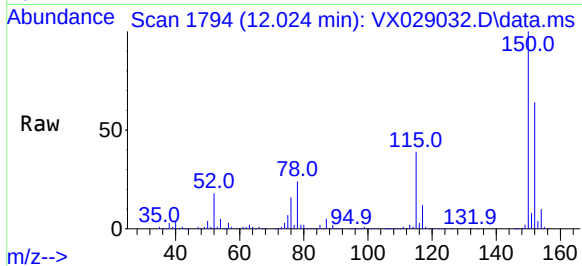




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029032.D
Acq: 27 May 2022 18:20

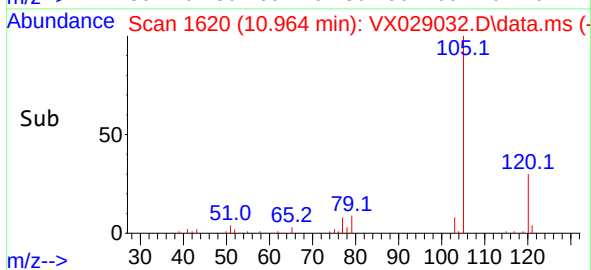
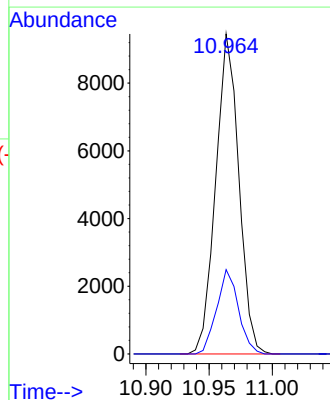
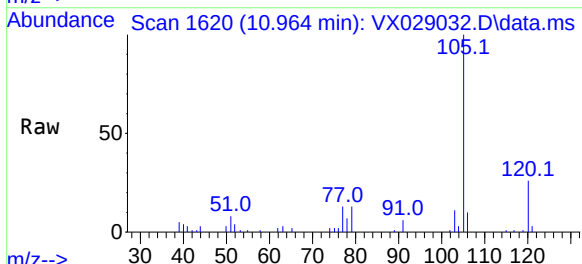
Instrument :
MSVOA_X
ClientSampleId :
MW-29

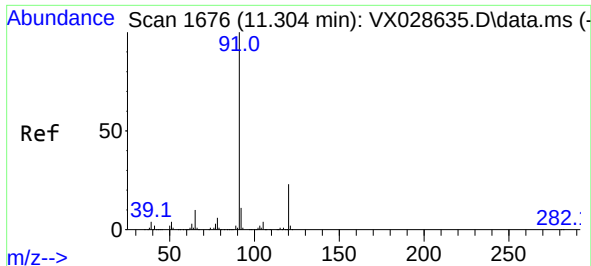
Tgt Ion:152 Resp: 283172
Ion Ratio Lower Upper
152 100
115 61.4 37.5 112.7
150 157.7 0.0 338.2



#73
Isopropylbenzene
Concen: 0.558 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX029032.D
Acq: 27 May 2022 18:20

Tgt Ion:105 Resp: 11990
Ion Ratio Lower Upper
105 100
120 24.8 13.5 40.5

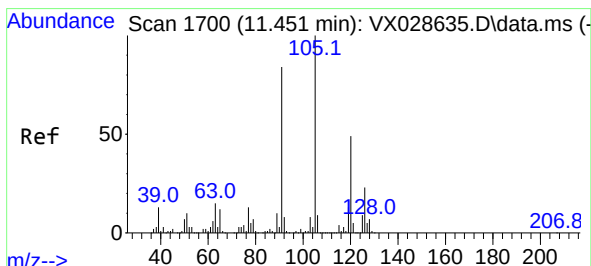
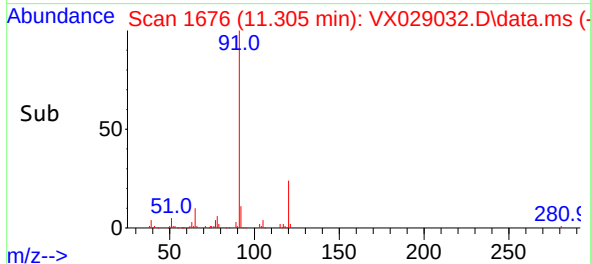
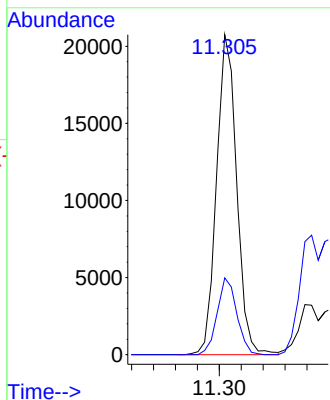
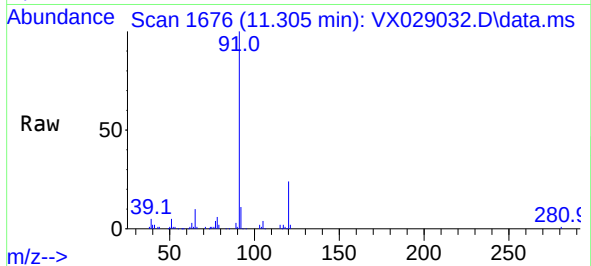




#78
n-propylbenzene
Concen: 1.066 ug/l
RT: 11.305 min Scan# 1
Delta R.T. 0.001 min
Lab File: VX029032.D
Acq: 27 May 2022 18:20

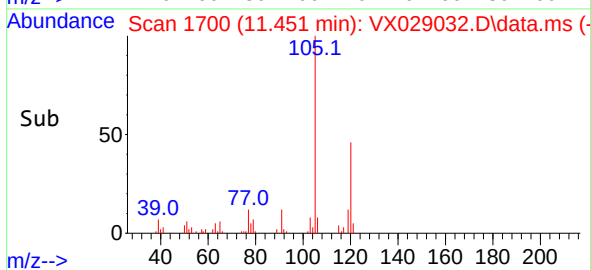
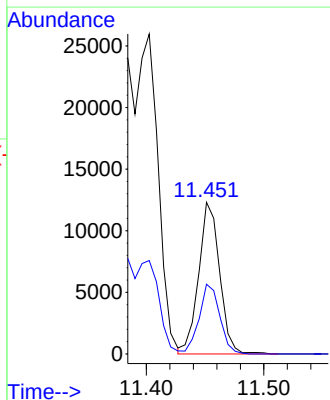
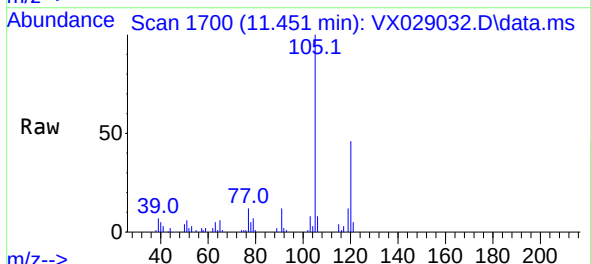
Instrument :
MSVOA_X
ClientSampleId :
MW-29

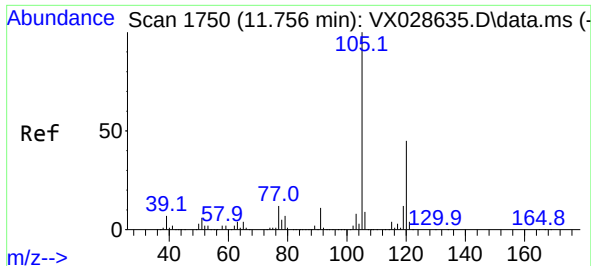
Tgt Ion: 91 Resp: 26468
Ion Ratio Lower Upper
91 100
120 23.4 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 0.854 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX029032.D
Acq: 27 May 2022 18:20

Tgt Ion: 105 Resp: 15274
Ion Ratio Lower Upper
105 100
120 44.7 24.3 72.9

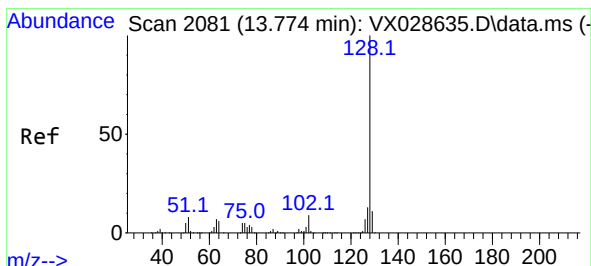
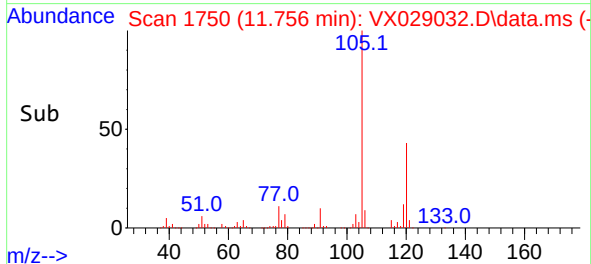
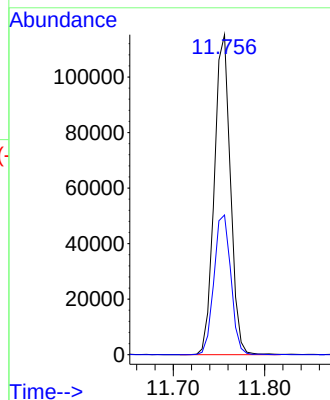
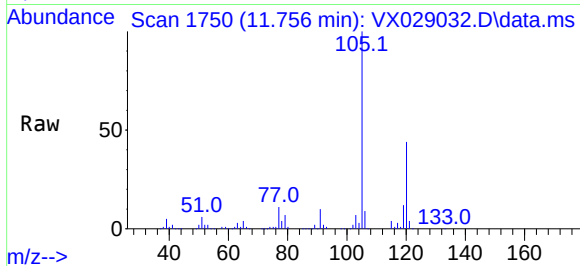




#84
1,2,4-Trimethylbenzene
Concen: 7.857 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029032.D
Acq: 27 May 2022 18:20

Instrument :
MSVOA_X
ClientSampleId :
MW-29

Tgt Ion:105 Resp: 140983
Ion Ratio Lower Upper
105 100
120 45.7 22.6 67.8



#95
Naphthalene
Concen: 2.962 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX029032.D
Acq: 27 May 2022 18:20

Tgt Ion:128 Resp: 59608
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.6 8.7 13.1

