

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052522\
 Data File : VX028983.D
 Acq On : 26 May 2022 05:02
 Operator : JC/MD
 Sample : N3024-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31794

Quant Time: May 26 05:57:12 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)

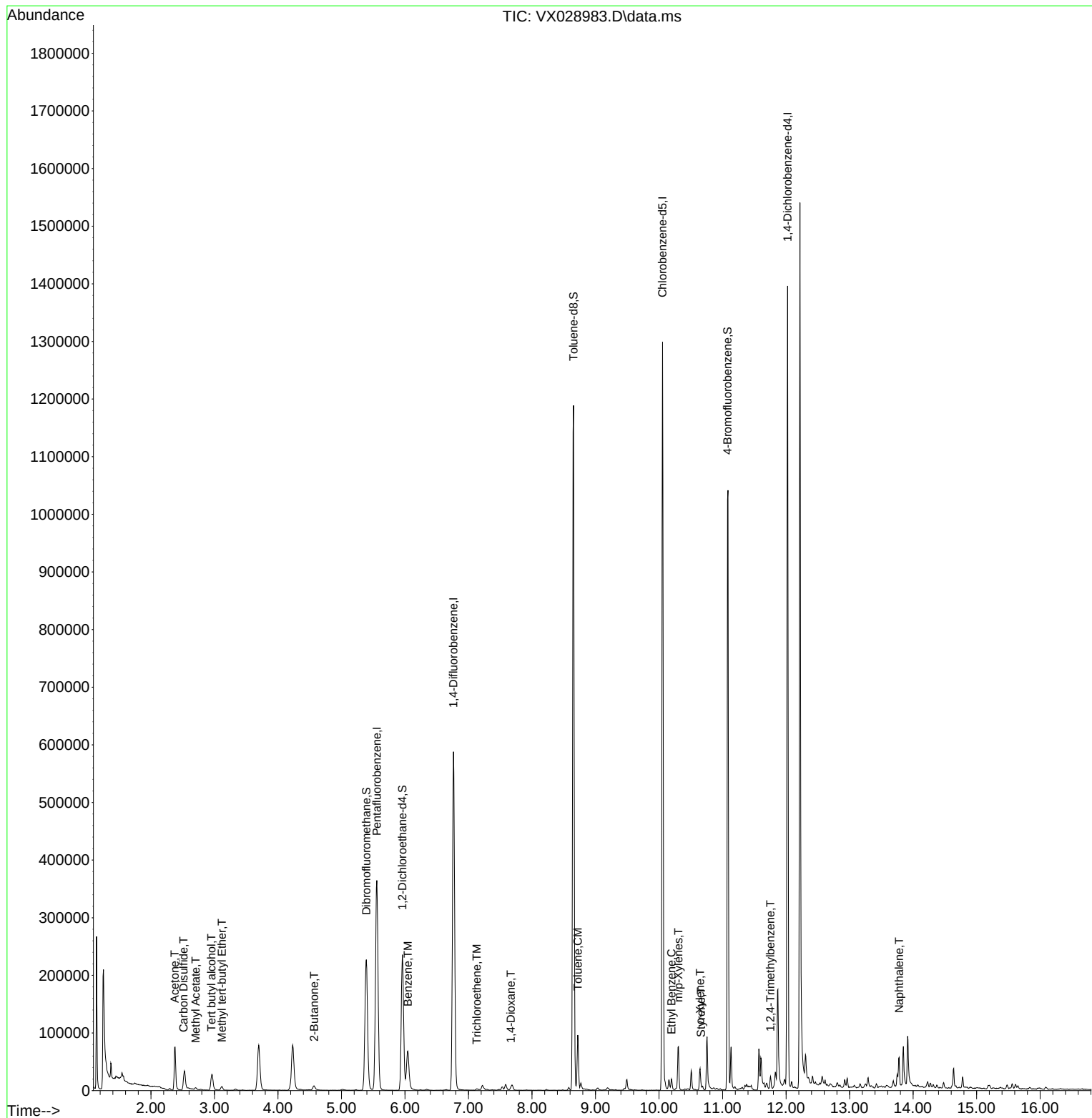
Internal Standards						
1) Pentafluorobenzene	5.556	168	348446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	616166	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	593698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	284749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	229481	48.045	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.080%
35) Dibromofluoromethane	5.391	113	204602	50.681	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.360%
50) Toluene-d8	8.653	98	732087	48.099	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.200%
62) 4-Bromofluorobenzene	11.079	95	294532	51.809	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.620%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	19520	11.650	ug/l	97
16) Acetone	2.373	43	79715	38.887	ug/l	93
17) Carbon Disulfide	2.514	76	27034	2.892	ug/l #	95
18) Methyl Acetate	2.703	43	3240	0.631	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	6355	0.497	ug/l	97
25) 2-Butanone	4.568	43	14348	4.459	ug/l	98
40) Benzene	6.043	78	85243	4.892	ug/l	100
44) Trichloroethene	7.129	130	1061	0.224	ug/l	65
49) 1,4-Dioxane	7.665	88	2373	19.846	ug/l #	76
52) Toluene	8.720	92	35817	3.195	ug/l	99
67) Ethyl Benzene	10.195	91	10615	0.470	ug/l	97
68) m/p-Xylenes	10.305	106	18730	2.131	ug/l	96
69) o-Xylene	10.646	106	7827	0.905	ug/l	95
70) Styrene	10.658	104	3295	0.234	ug/l #	61
84) 1,2,4-Trimethylbenzene	11.756	105	9224	0.511	ug/l	96
95) Naphthalene	13.780	128	30069	1.486	ug/l	98

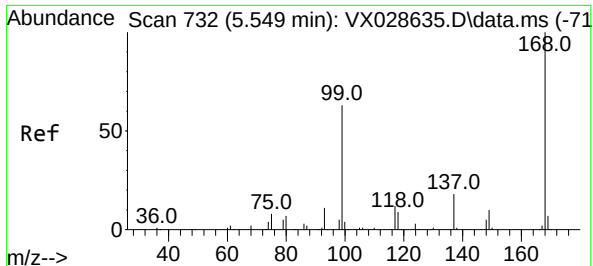
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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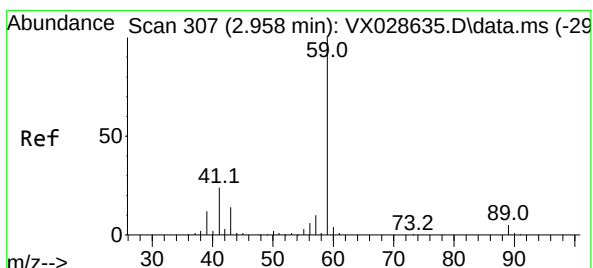
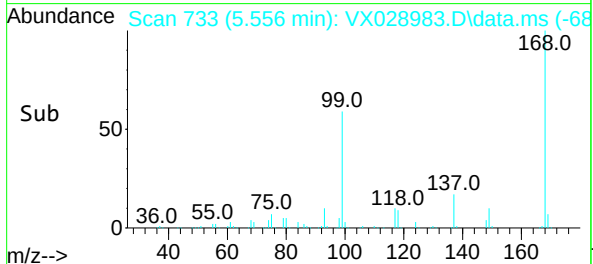
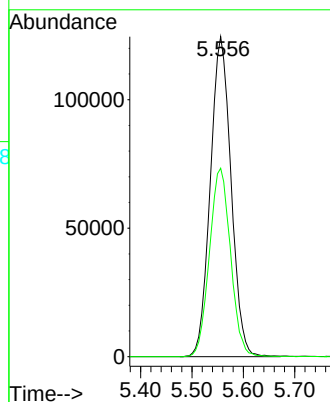
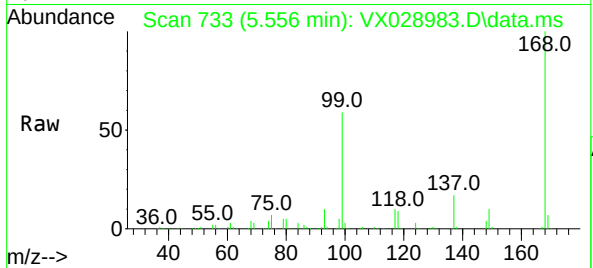




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028983.D
Acq: 26 May 2022 05:02

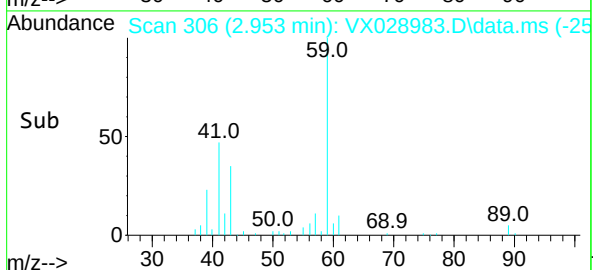
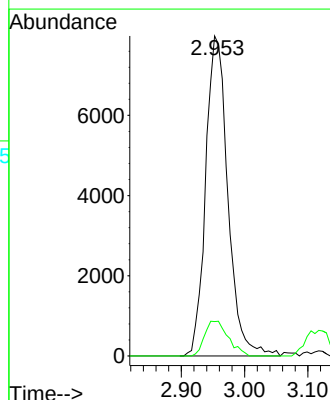
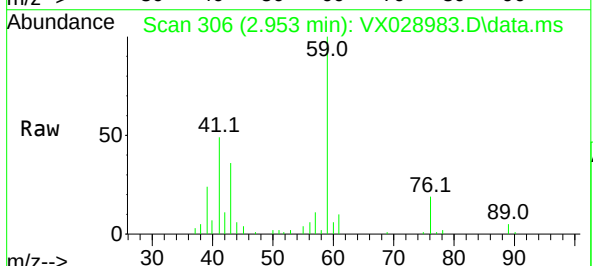
Instrument :
MSVOA_X
ClientSampleId :
31794

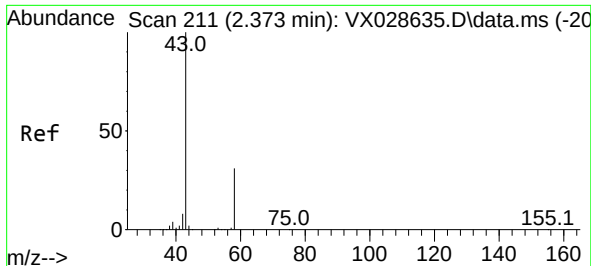
Tgt Ion:168 Resp: 348446
Ion Ratio Lower Upper
168 100
99 58.9 41.7 62.5



#11
Tert butyl alcohol
Concen: 11.650 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.005 min
Lab File: VX028983.D
Acq: 26 May 2022 05:02

Tgt Ion: 59 Resp: 19520
Ion Ratio Lower Upper
59 100
57 11.6 8.3 12.5

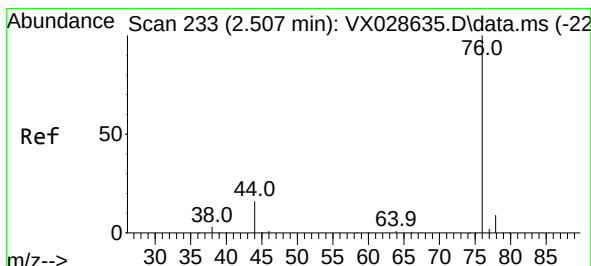
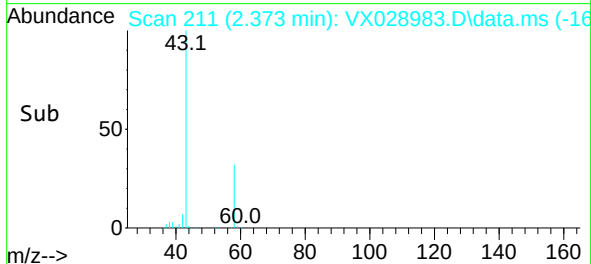
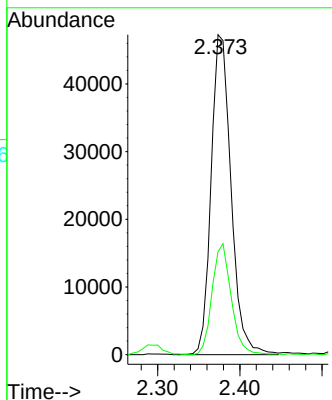
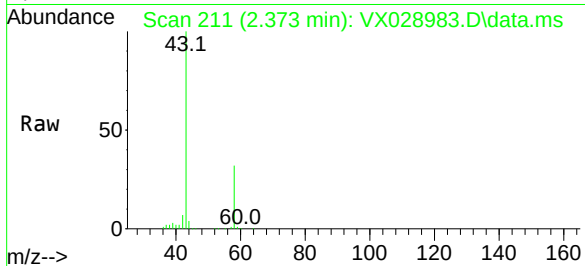




#16
Acetone
Concen: 38.887 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX028983.D
Acq: 26 May 2022 05:02

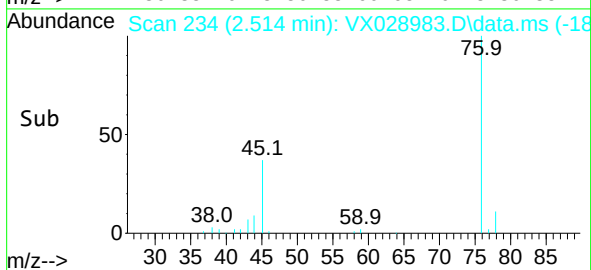
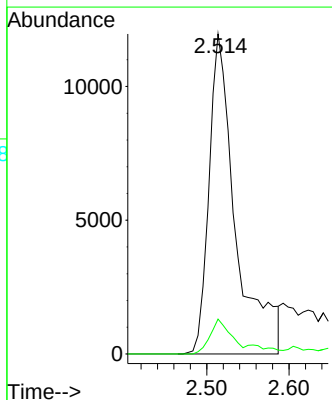
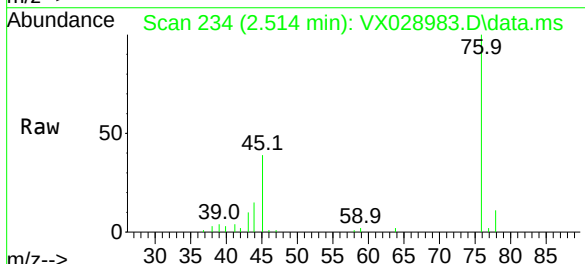
Instrument :
MSVOA_X
ClientSampleId :
31794

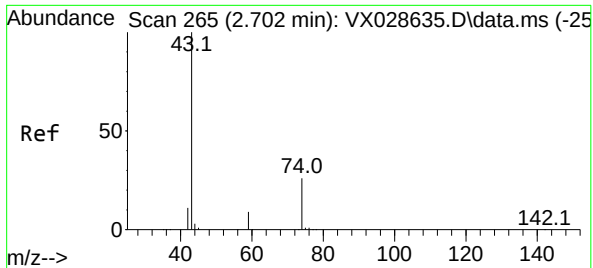
Tgt Ion: 43 Resp: 79715
Ion Ratio Lower Upper
43 100
58 31.9 28.8 43.2



#17
Carbon Disulfide
Concen: 2.892 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.007 min
Lab File: VX028983.D
Acq: 26 May 2022 05:02

Tgt Ion: 76 Resp: 27034
Ion Ratio Lower Upper
76 100
78 10.9 7.2 10.8#





#18

Methyl Acetate

Concen: 0.631 ug/l

RT: 2.703 min Scan# 2

Delta R.T. 0.001 min

Lab File: VX028983.D

Acq: 26 May 2022 05:02

Instrument :

MSVOA_X

ClientSampleId :

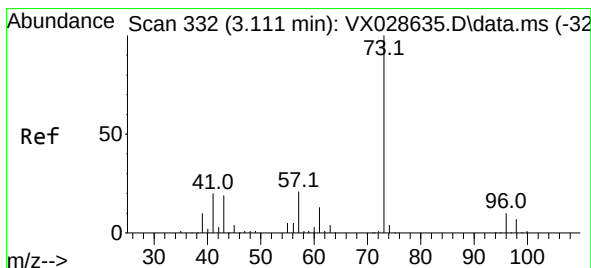
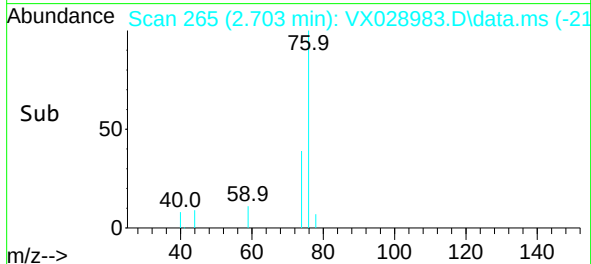
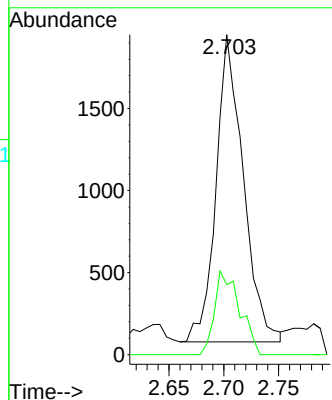
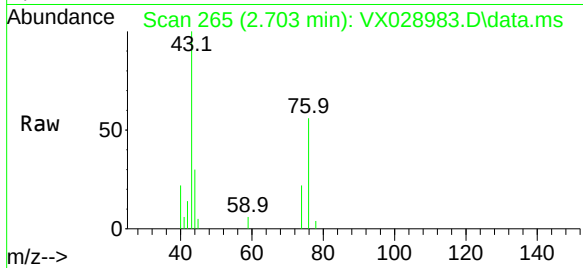
31794

Tgt Ion: 43 Resp: 3240

Ion Ratio Lower Upper

43 100

74 25.0 22.8 34.2



#19

Methyl tert-butyl Ether

Concen: 0.497 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.006 min

Lab File: VX028983.D

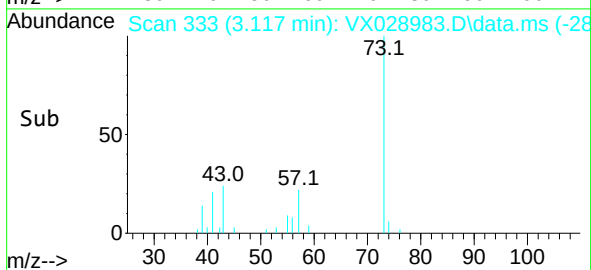
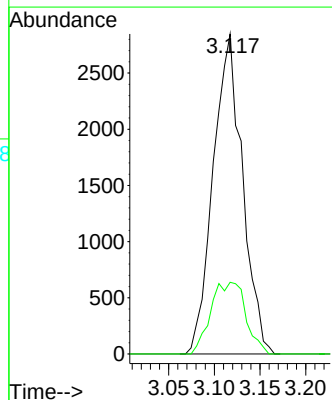
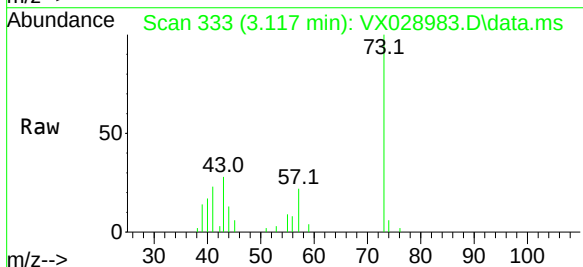
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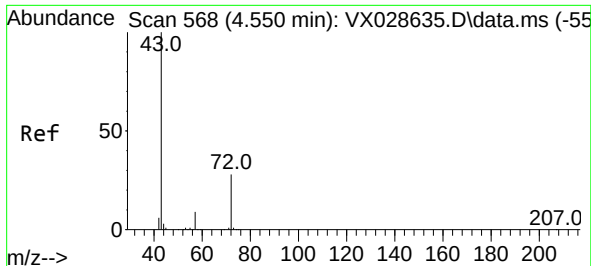
Tgt Ion: 73 Resp: 6355

Ion Ratio Lower Upper

73 100

57 22.4 16.8 25.2





#25

2-Butanone

Concen: 4.459 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX028983.D

Acq: 26 May 2022 05:02

Instrument :

MSVOA_X

ClientSampleId :

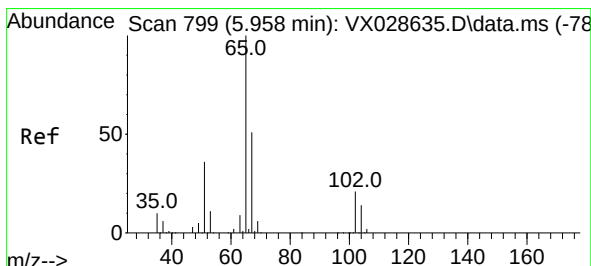
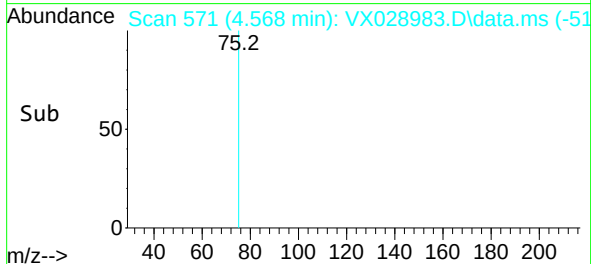
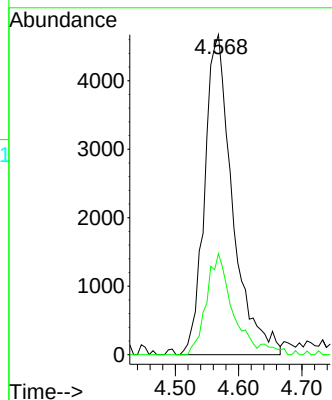
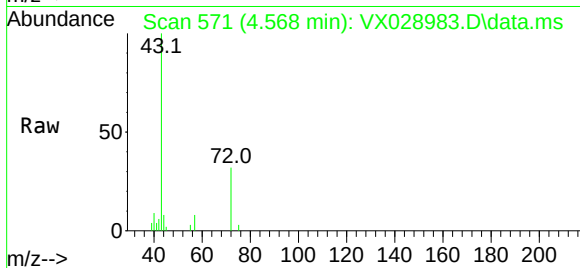
31794

Tgt Ion: 43 Resp: 14348

Ion Ratio Lower Upper

43 100

72 31.5 24.4 36.6



#33

1,2-Dichloroethane-d4

Concen: 48.045 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028983.D

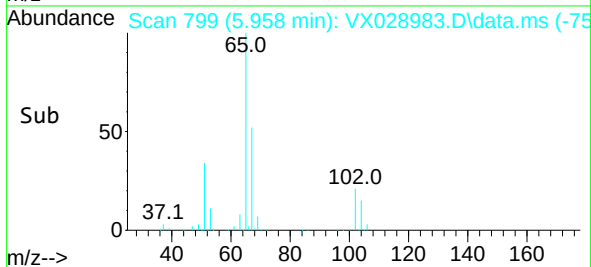
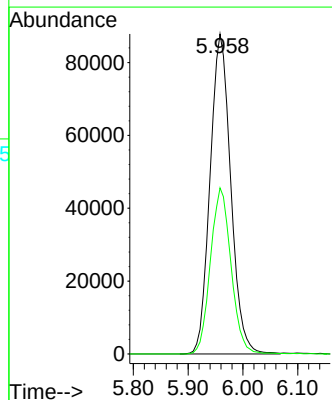
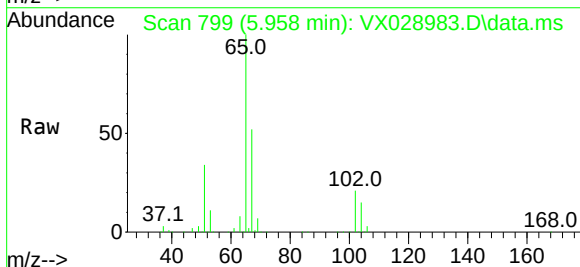
Acq: 26 May 2022 05:02

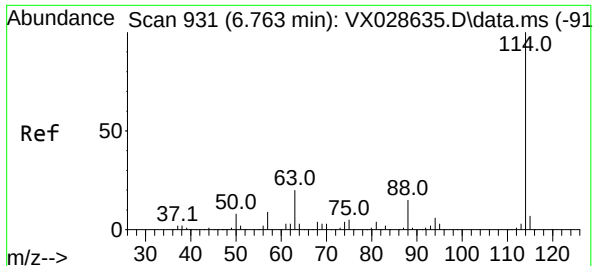
Tgt Ion: 65 Resp: 229481

Ion Ratio Lower Upper

65 100

67 51.8 0.0 107.4

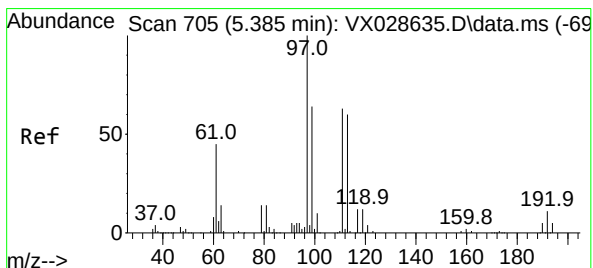
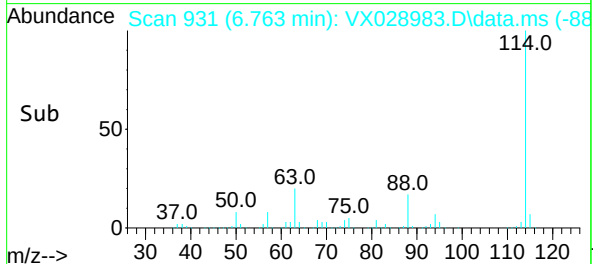
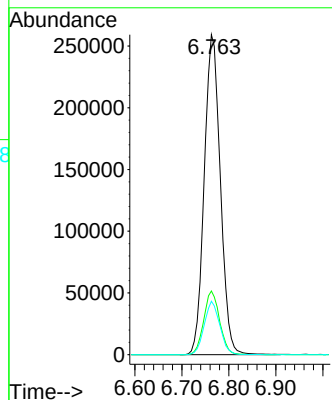
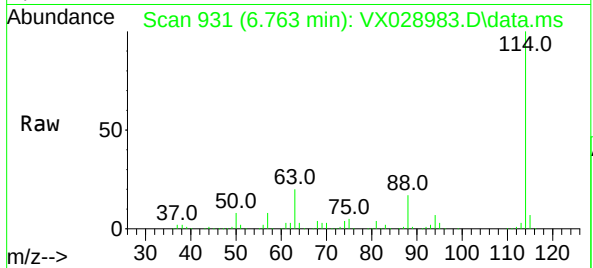




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028983.D
Acq: 26 May 2022 05:02

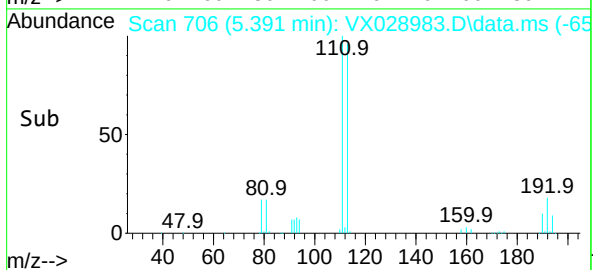
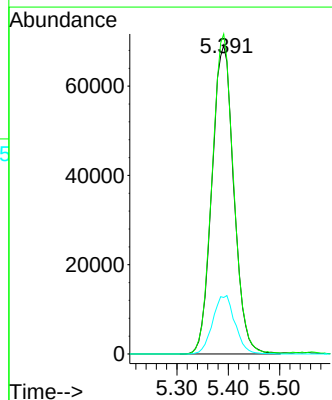
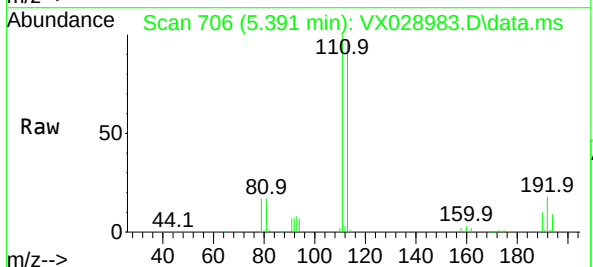
Instrument :
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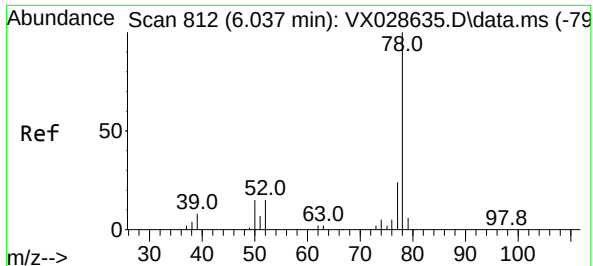
Tgt Ion:114 Resp: 616166
Ion Ratio Lower Upper
114 100
63 19.9 0.0 36.8
88 16.7 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.681 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028983.D
Acq: 26 May 2022 05:02

Tgt Ion:113 Resp: 204602
Ion Ratio Lower Upper
113 100
111 101.8 82.8 124.2
192 19.2 16.9 25.3





#40

Benzene

Concen: 4.892 ug/l

RT: 6.043 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX028983.D

Acq: 26 May 2022 05:02

Instrument :

MSVOA_X

ClientSampleId :

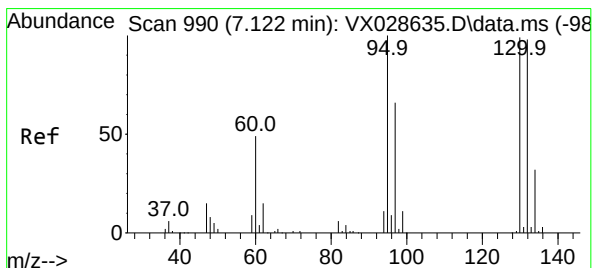
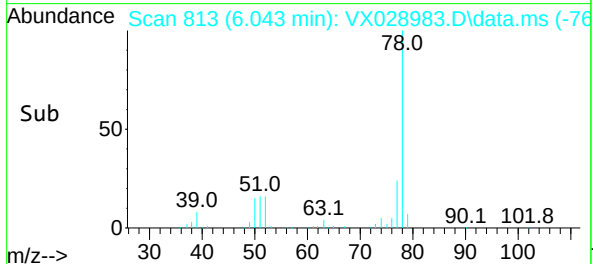
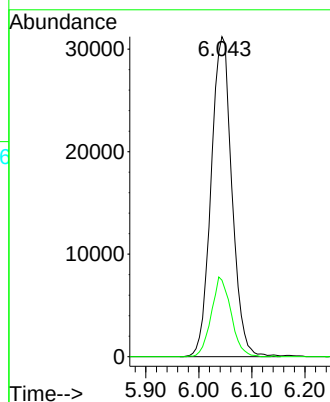
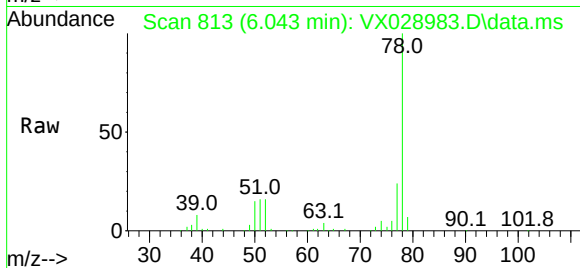
31794

Tgt Ion: 78 Resp: 85243

Ion Ratio Lower Upper

78 100

77 23.9 19.3 28.9



#44

Trichloroethene

Concen: 0.224 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.007 min

Lab File: VX028983.D

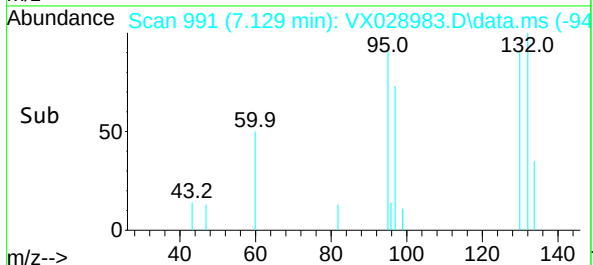
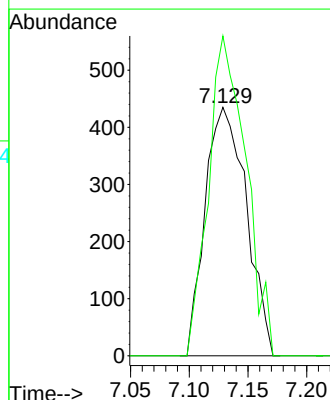
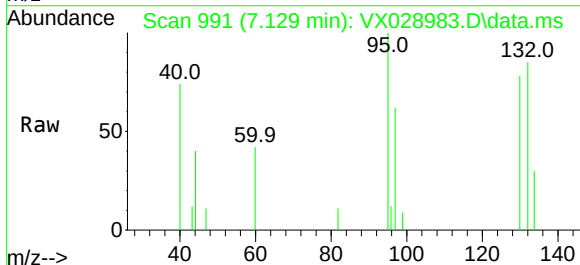
Acq: 26 May 2022 05:02

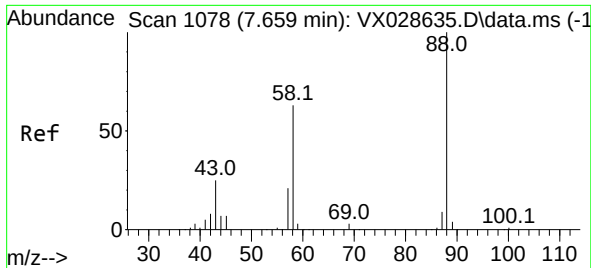
Tgt Ion: 130 Resp: 1061

Ion Ratio Lower Upper

130 100

95 128.7 0.0 188.8

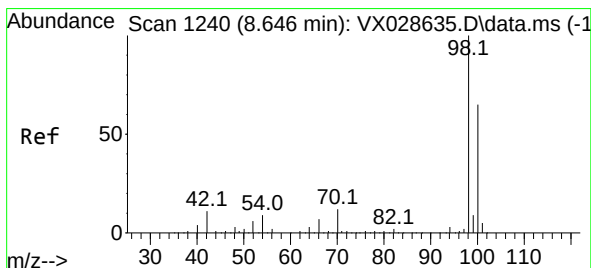
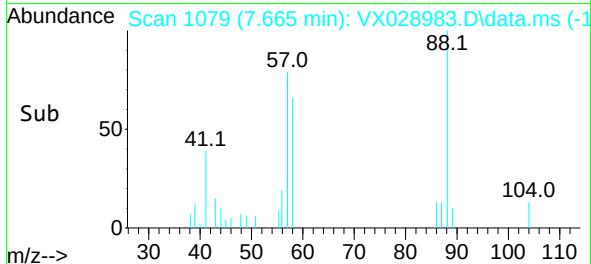
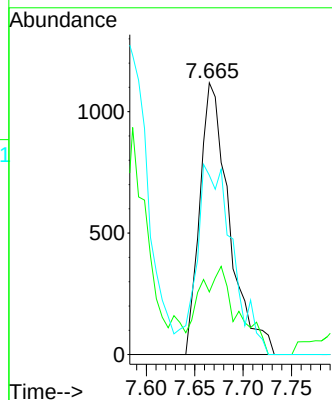
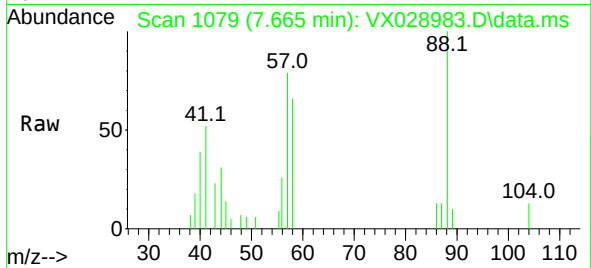




#49
1,4-Dioxane
Concen: 19.846 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX028983.D
Acq: 26 May 2022 05:02

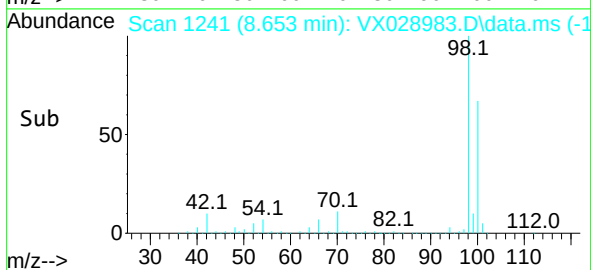
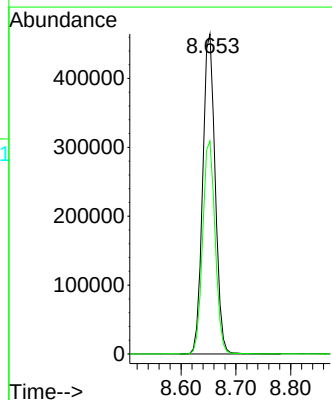
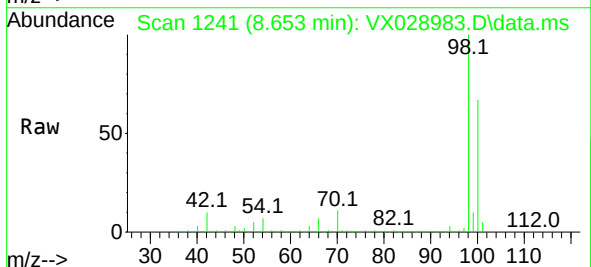
Instrument :
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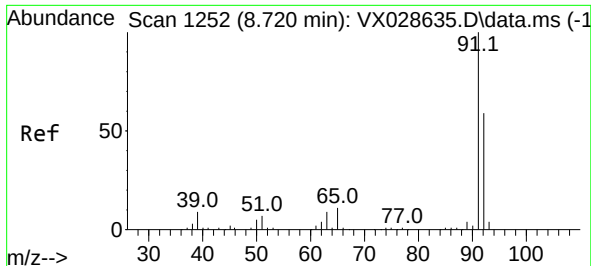
Tgt Ion: 88 Resp: 2373
Ion Ratio Lower Upper
88 100
43 41.4 21.9 32.9#
58 85.6 53.7 80.5#



#50
Toluene-d8
Concen: 48.099 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028983.D
Acq: 26 May 2022 05:02

Tgt Ion: 98 Resp: 732087
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8

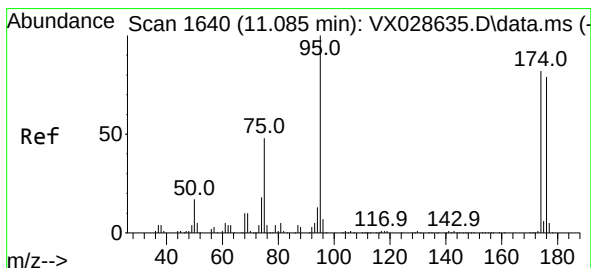
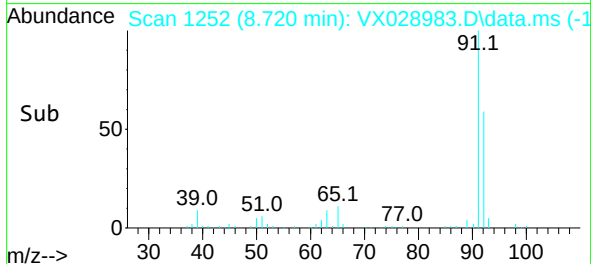
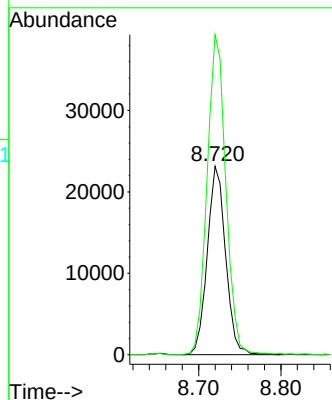
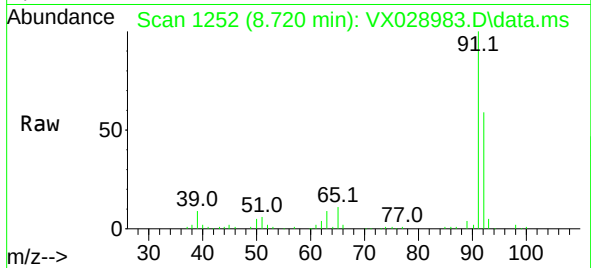




#52
Toluene
Concen: 3.195 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028983.D
Acq: 26 May 2022 05:02

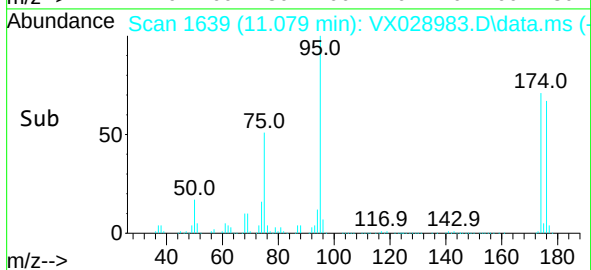
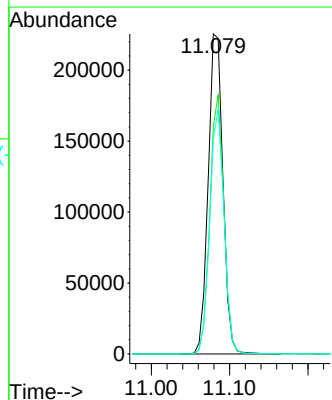
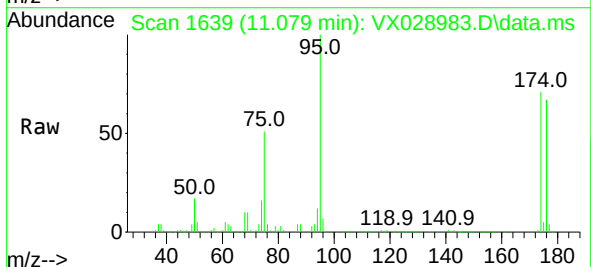
Instrument :
MSVOA_X
ClientSampleId :
31794

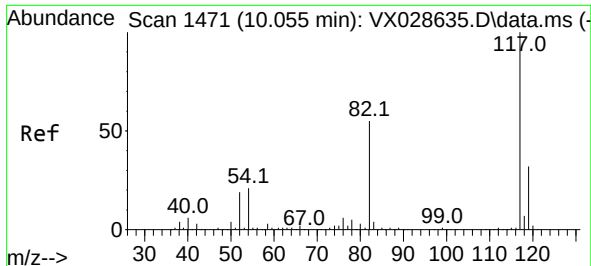
Tgt Ion: 92 Resp: 35817
Ion Ratio Lower Upper
92 100
91 173.7 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 51.809 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028983.D
Acq: 26 May 2022 05:02

Tgt Ion: 95 Resp: 294532
Ion Ratio Lower Upper
95 100
174 77.4 0.0 163.0
176 73.7 0.0 155.0

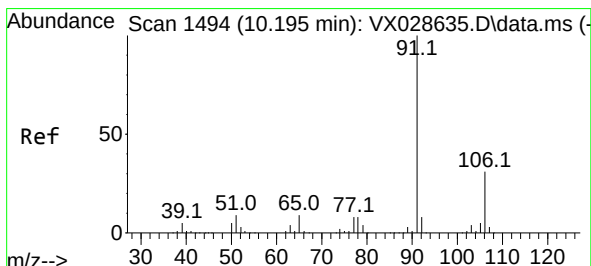
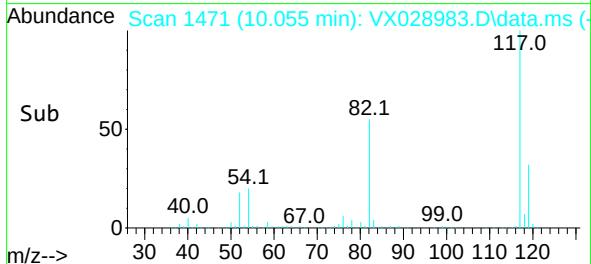
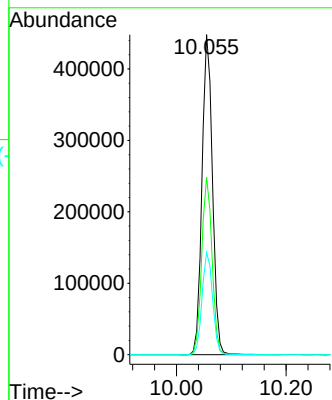
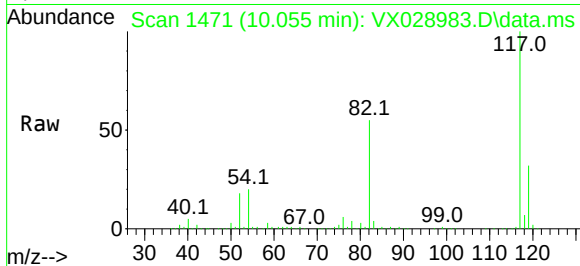




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028983.D
Acq: 26 May 2022 05:02

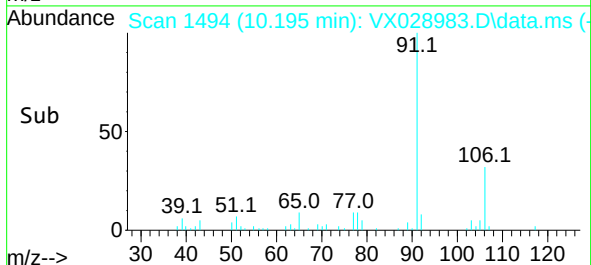
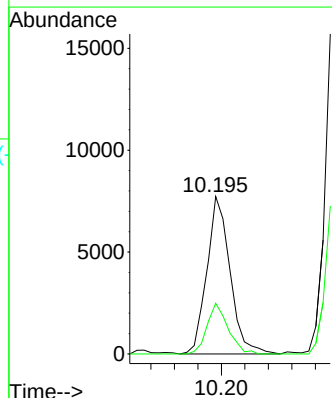
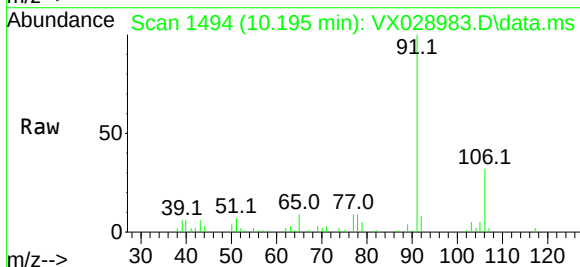
Instrument :
MSVOA_X
ClientSampleId :
31794

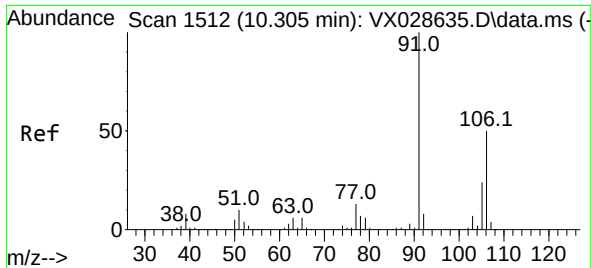
Tgt Ion:117 Resp: 593698
Ion Ratio Lower Upper
117 100
82 55.5 41.8 62.8
119 31.9 24.8 37.2



#67
Ethyl Benzene
Concen: 0.470 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028983.D
Acq: 26 May 2022 05:02

Tgt Ion: 91 Resp: 10615
Ion Ratio Lower Upper
91 100
106 32.2 24.6 36.8

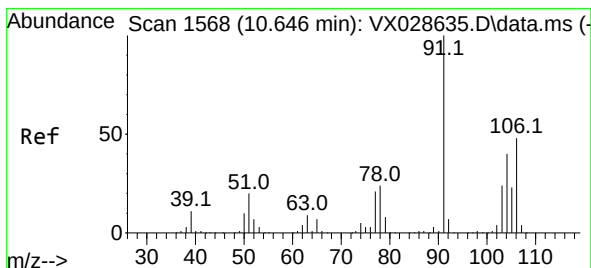
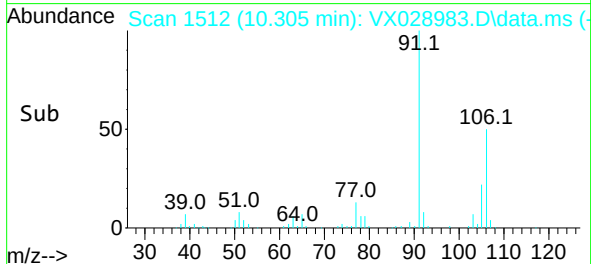
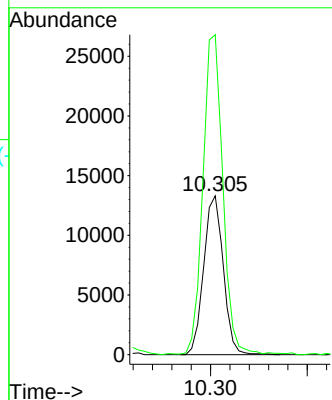
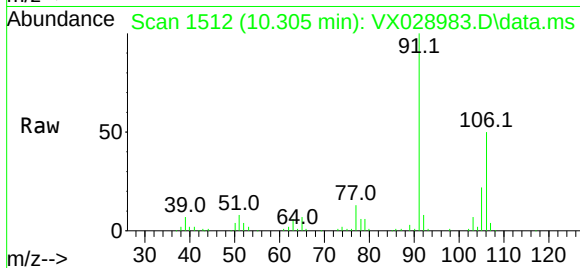




#68
m/p-Xylenes
Concen: 2.131 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX028983.D
Acq: 26 May 2022 05:02

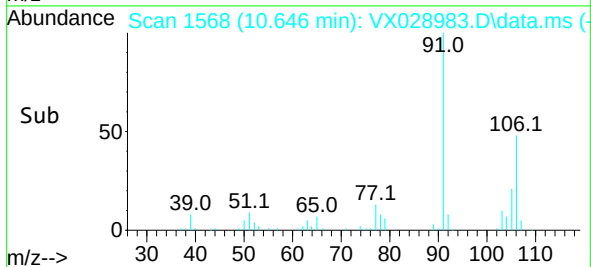
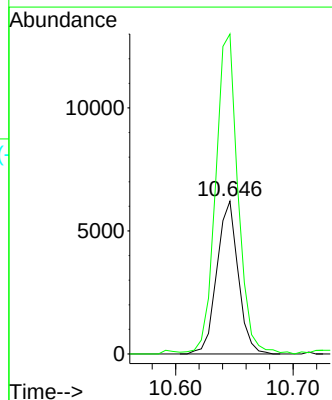
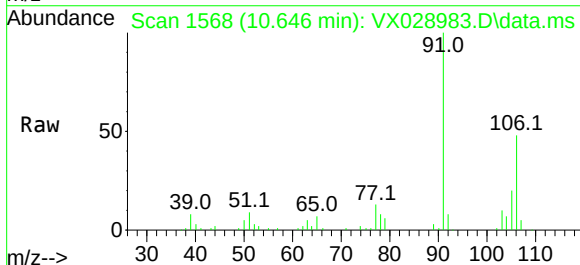
Instrument :
MSVOA_X
ClientSampleId :
31794

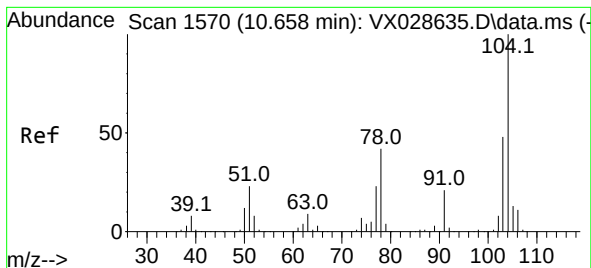
Tgt Ion:106 Resp: 18730
Ion Ratio Lower Upper
106 100
91 206.1 160.4 240.6



#69
o-Xylene
Concen: 0.905 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX028983.D
Acq: 26 May 2022 05:02

Tgt Ion:106 Resp: 7827
Ion Ratio Lower Upper
106 100
91 220.3 106.1 318.1





#70

Styrene

Concen: 0.234 ug/l

RT: 10.658 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX028983.D

Acq: 26 May 2022 05:02

Instrument :

MSVOA_X

ClientSampleId :

31794

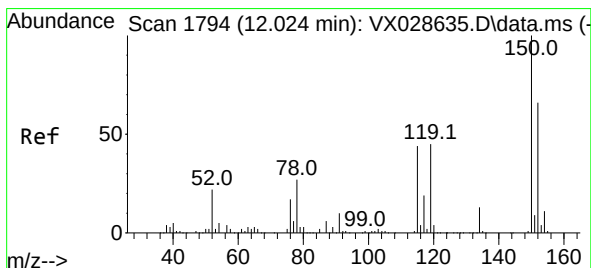
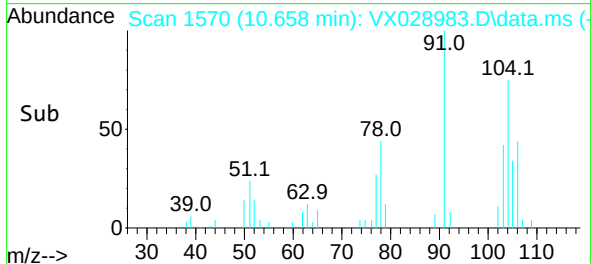
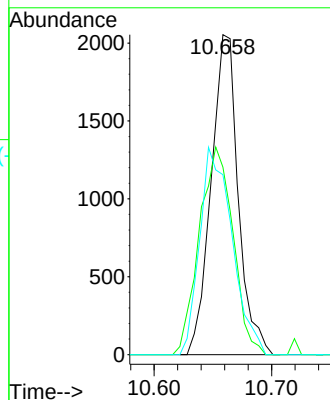
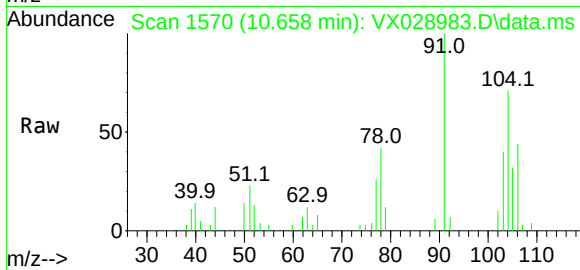
Tgt Ion:104 Resp: 3295

Ion Ratio Lower Upper

104 100

78 80.3 38.6 57.8#

103 77.3 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: VX028983.D

Acq: 26 May 2022 05:02

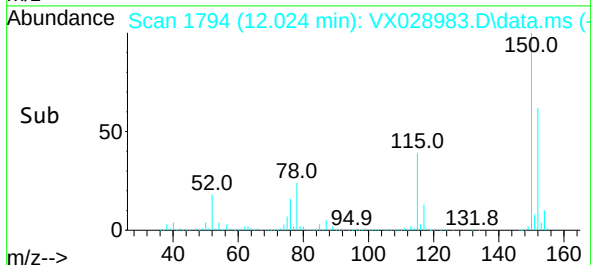
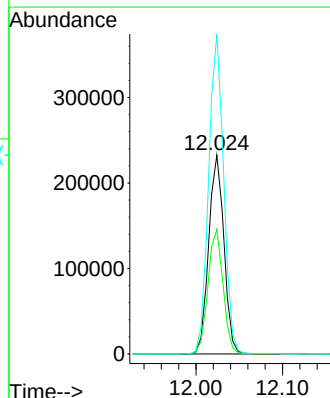
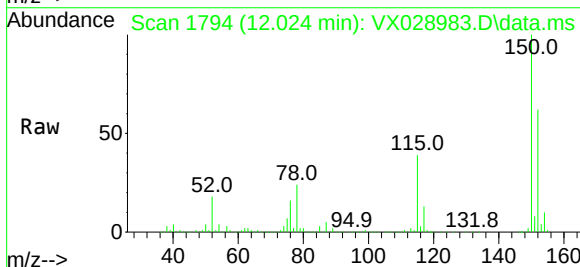
Tgt Ion:152 Resp: 284749

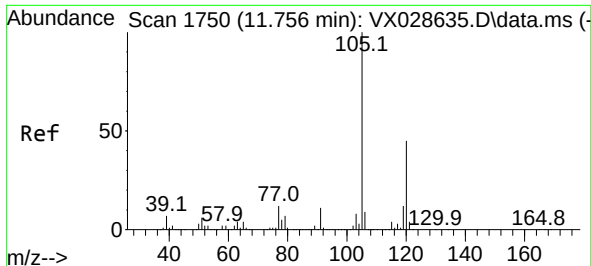
Ion Ratio Lower Upper

152 100

115 61.9 37.5 112.7

150 158.4 0.0 338.2

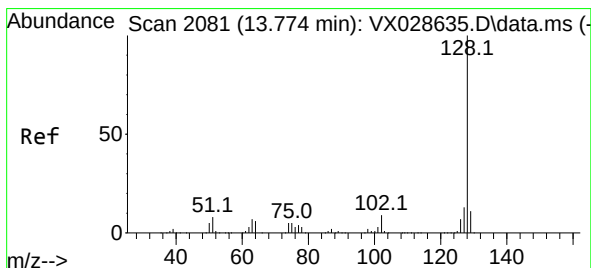
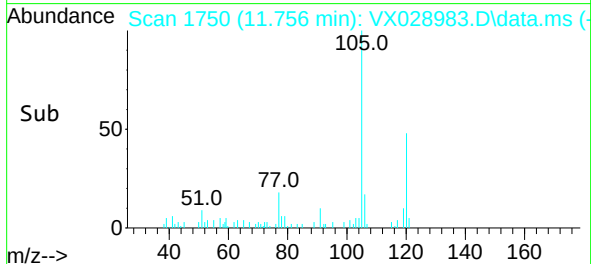
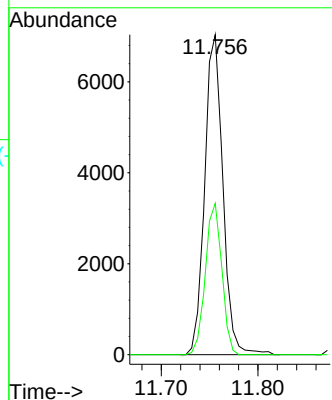
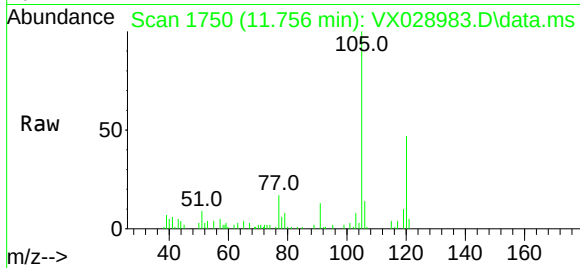




#84
1,2,4-Trimethylbenzene
Concen: 0.511 ug/l
RT: 11.756 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028983.D
Acq: 26 May 2022 05:02

Instrument :
MSVOA_X
ClientSampleId :
31794

Tgt Ion:105 Resp: 9224
Ion Ratio Lower Upper
105 100
120 42.8 22.6 67.8



#95
Naphthalene
Concen: 1.486 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX028983.D
Acq: 26 May 2022 05:02

Tgt Ion:128 Resp: 30069
Ion Ratio Lower Upper
128 100
127 13.8 10.2 15.4
129 11.2 8.7 13.1

