

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052522\
 Data File : VX028981.D
 Acq On : 26 May 2022 04:15
 Operator : JC/MD
 Sample : N3024-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 30987

Quant Time: May 26 05:55:25 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)

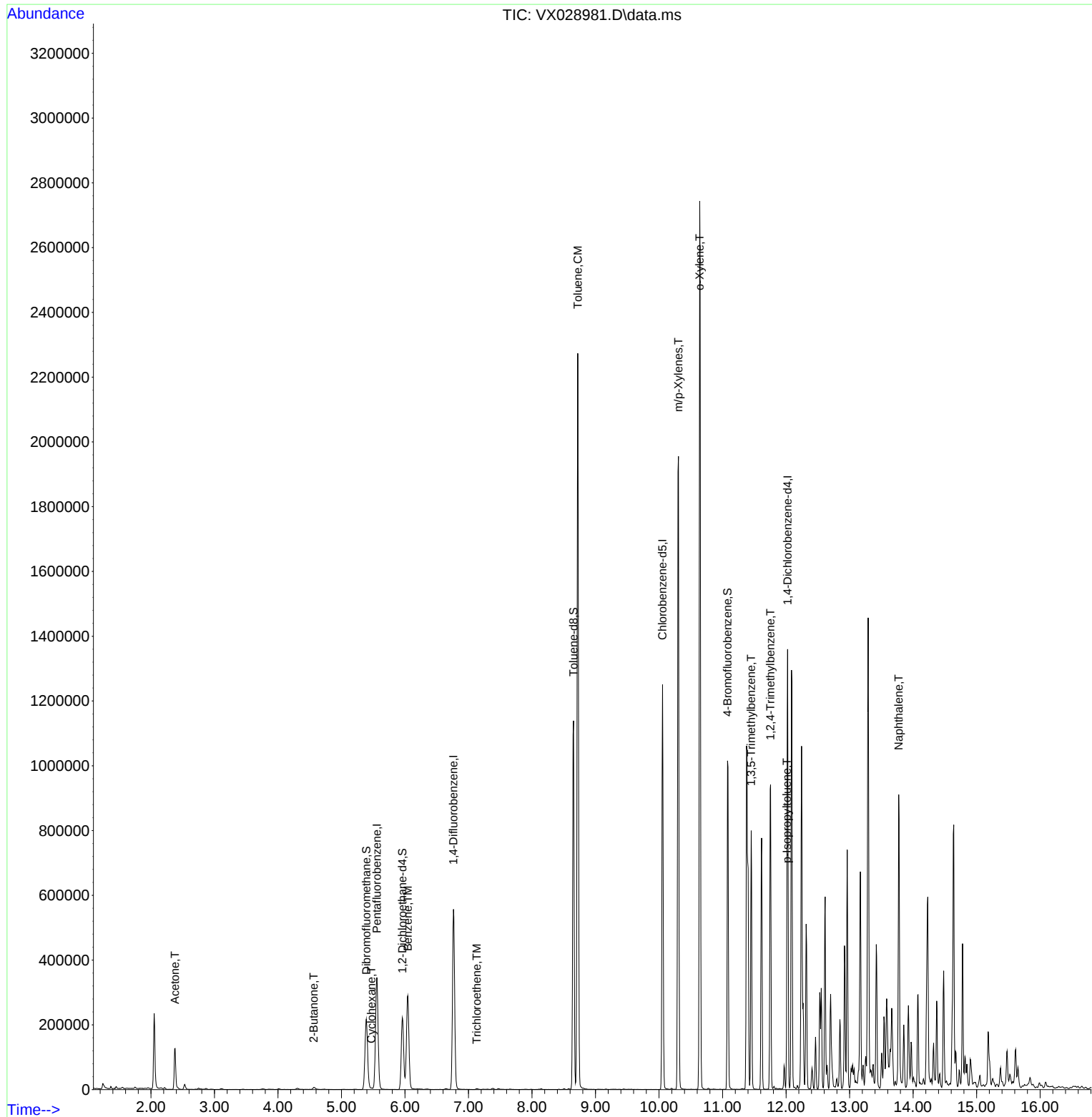
Internal Standards						
1) Pentafluorobenzene	5.556	168	327933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	584091	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	563159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	279944	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	219914	48.922	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.840%
35) Dibromofluoromethane	5.391	113	191039	49.920	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.840%
50) Toluene-d8	8.653	98	698757	48.430	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.860%
62) 4-Bromofluorobenzene	11.079	95	284070	52.713	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	105.420%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	136653	70.833	ug/l	92
25) 2-Butanone	4.562	43	12453	4.112	ug/l	96
31) Cyclohexane	5.471	56	2610	0.418	ug/l #	79
40) Benzene	6.044	78	364675	22.076	ug/l	99
44) Trichloroethene	7.129	130	1139	0.254	ug/l	88
52) Toluene	8.720	92	867079	81.596	ug/l	96
68) m/p-Xylenes	10.305	106	469393	56.302	ug/l	98
69) o-Xylene	10.640	106	598837	72.956	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	346129	19.567	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	428311	24.145	ug/l	99
86) p-Isopropyltoluene	12.012	119	11814	0.666	ug/l	89
95) Naphthalene	13.774	128	571794	28.744	ug/l	99

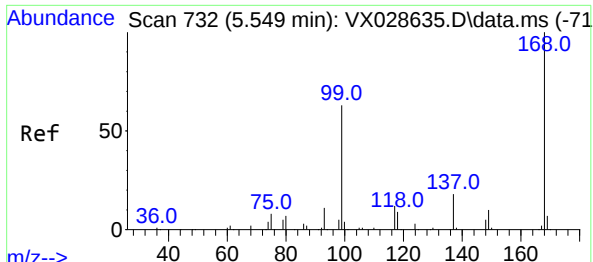
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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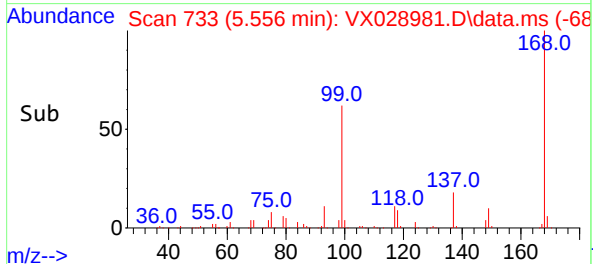
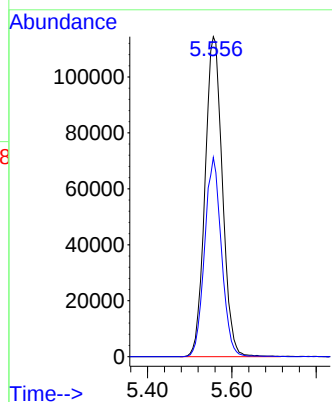
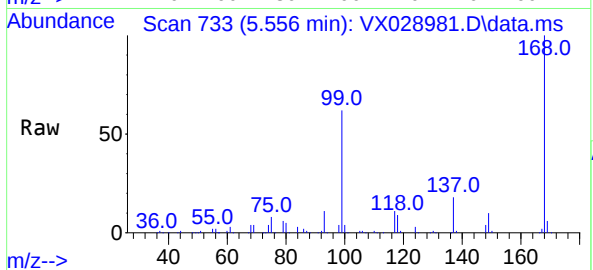




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028981.D
Acq: 26 May 2022 04:15

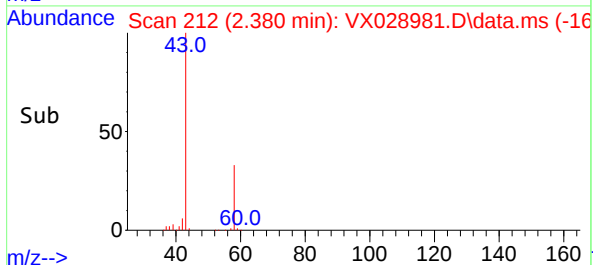
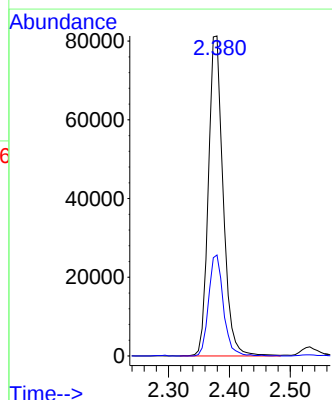
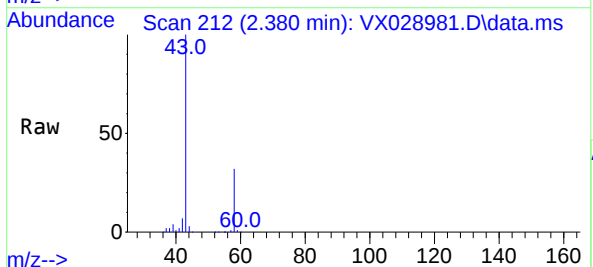
Instrument :
MSVOA_X
ClientSampleId :
30987

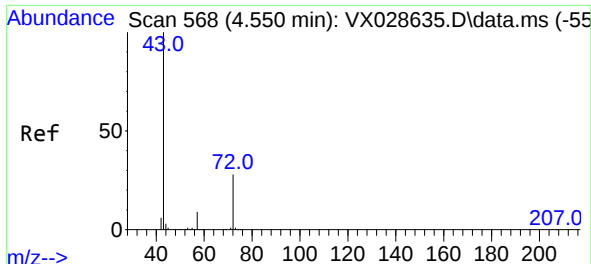
Tgt Ion:168 Resp: 327933
Ion Ratio Lower Upper
168 100
99 62.3 41.7 62.5



#16
Acetone
Concen: 70.833 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028981.D
Acq: 26 May 2022 04:15

Tgt Ion: 43 Resp: 136653
Ion Ratio Lower Upper
43 100
58 31.6 28.8 43.2





#25

2-Butanone

Concen: 4.112 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX028981.D

Acq: 26 May 2022 04:15

Instrument :

MSVOA_X

ClientSampleId :

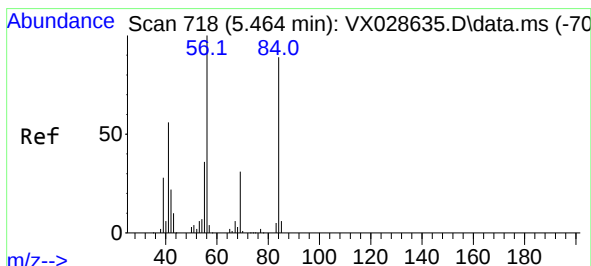
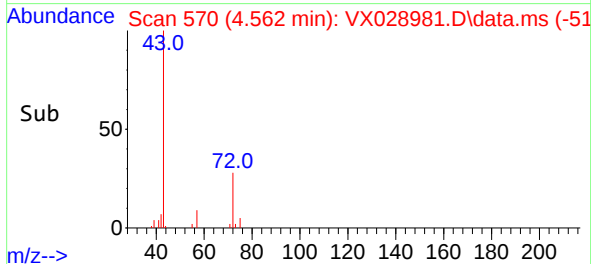
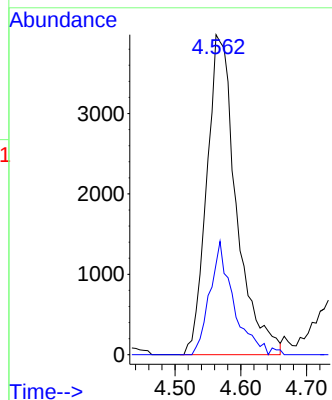
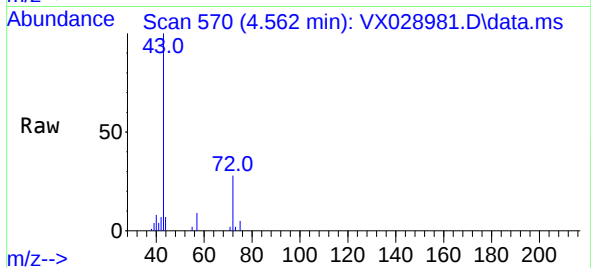
30987

Tgt Ion: 43 Resp: 12453

Ion Ratio Lower Upper

43 100

72 28.3 24.4 36.6



#31

Cyclohexane

Concen: 0.418 ug/l

RT: 5.471 min Scan# 719

Delta R.T. 0.007 min

Lab File: VX028981.D

Acq: 26 May 2022 04:15

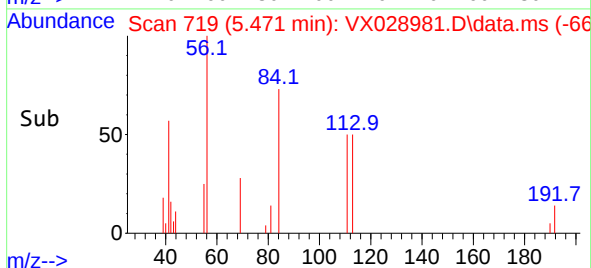
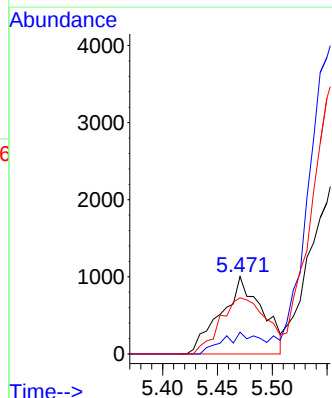
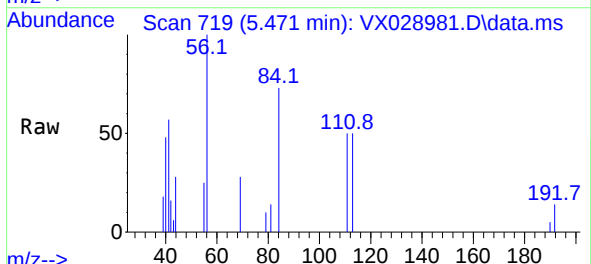
Tgt Ion: 56 Resp: 2610

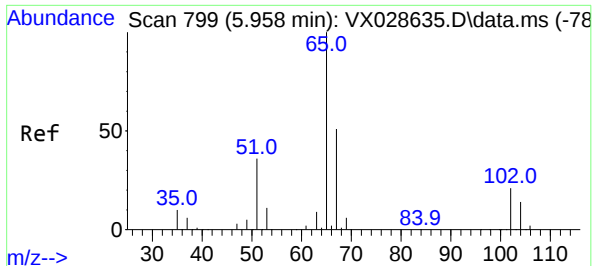
Ion Ratio Lower Upper

56 100

69 28.0 26.7 40.1

84 72.6 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 48.922 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028981.D

Acq: 26 May 2022 04:15

Instrument :

MSVOA_X

ClientSampleId :

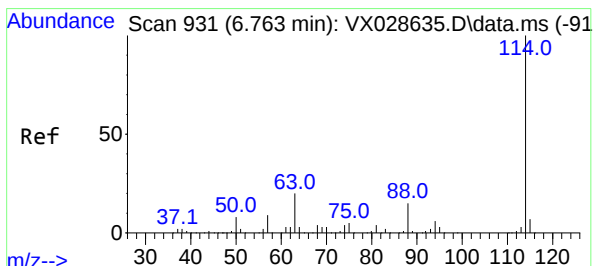
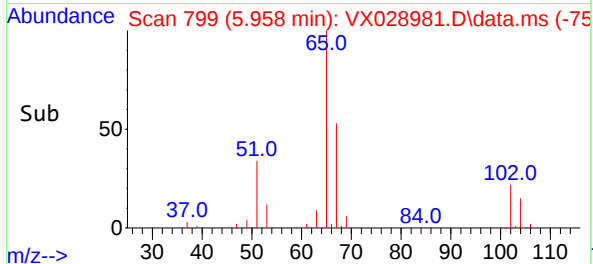
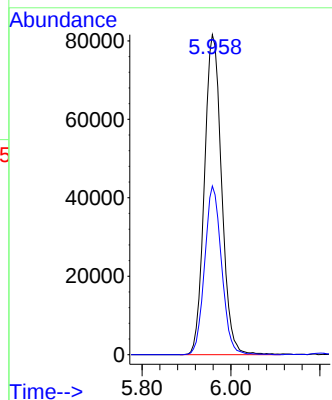
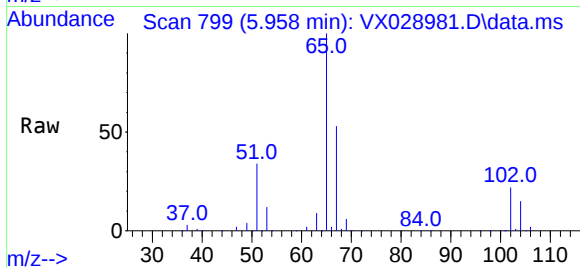
30987

Tgt Ion: 65 Resp: 219914

Ion Ratio Lower Upper

65 100

67 51.9 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX028981.D

Acq: 26 May 2022 04:15

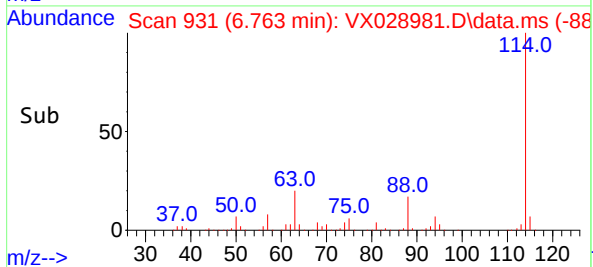
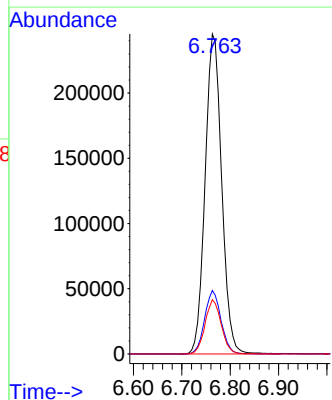
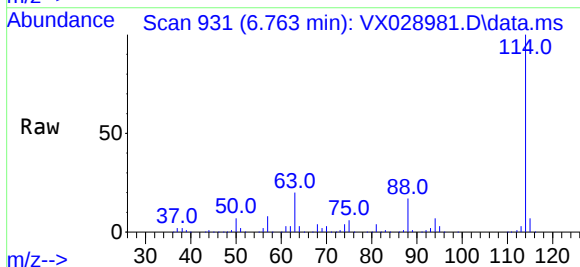
Tgt Ion: 114 Resp: 584091

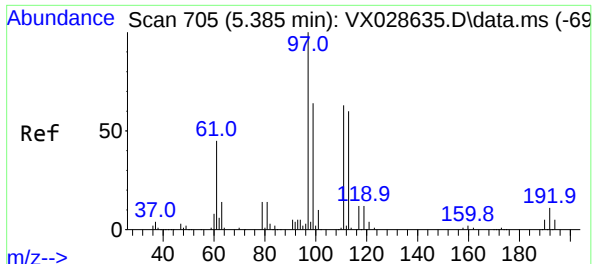
Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.8

88 17.0 0.0 32.4



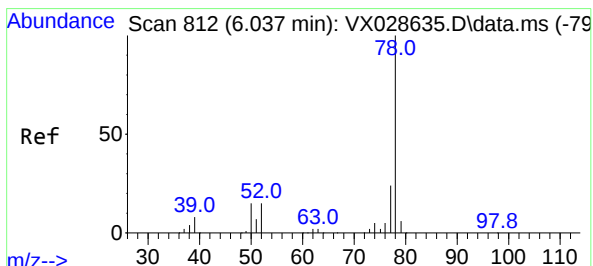
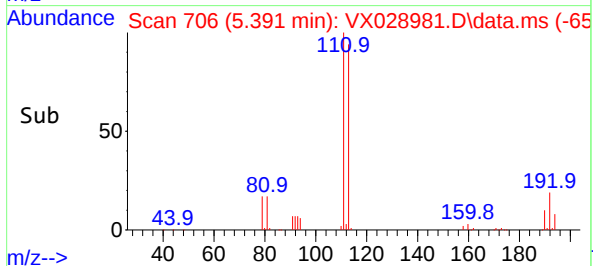
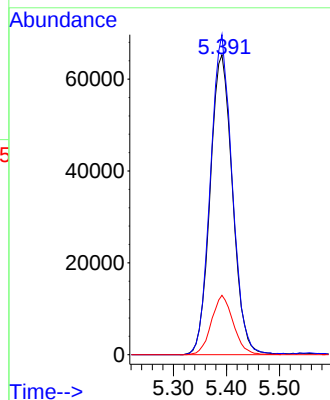
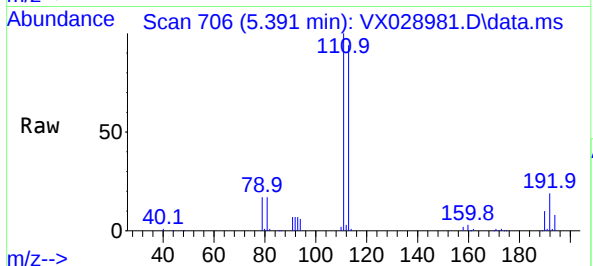


#35
 Dibromofluoromethane
 Concen: 49.920 ug/l
 RT: 5.391 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX028981.D
 Acq: 26 May 2022 04:15

Instrument :
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 ClientSampleId :
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Tgt Ion:113 Resp: 191039

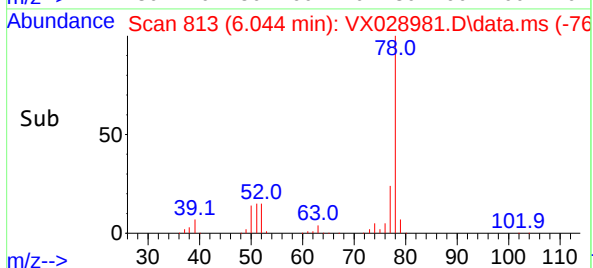
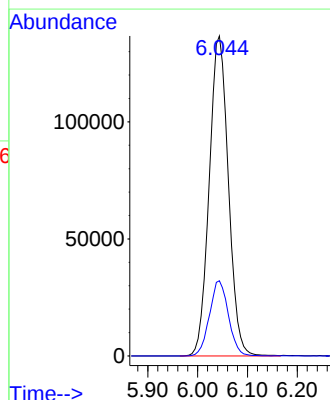
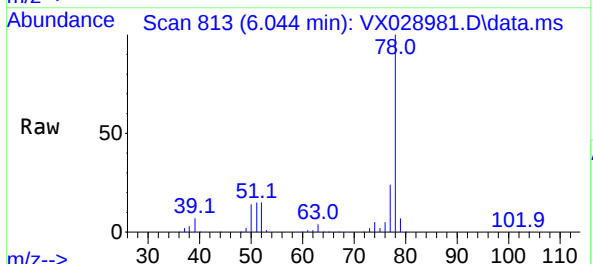
Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.8	124.2
192	19.4	16.9	25.3

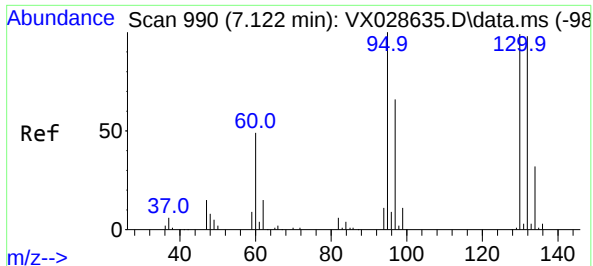


#40
 Benzene
 Concen: 22.076 ug/l
 RT: 6.044 min Scan# 813
 Delta R.T. 0.007 min
 Lab File: VX028981.D
 Acq: 26 May 2022 04:15

Tgt Ion: 78 Resp: 364675

Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.3	28.9

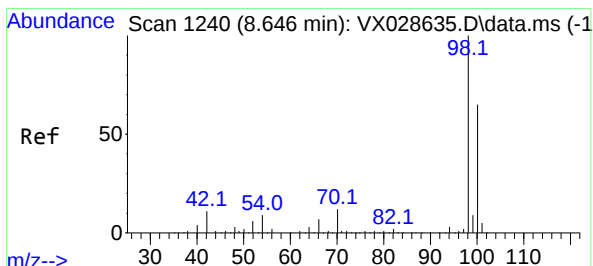
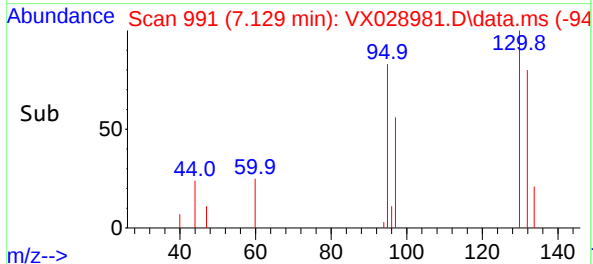
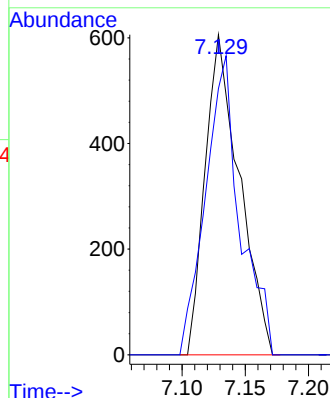
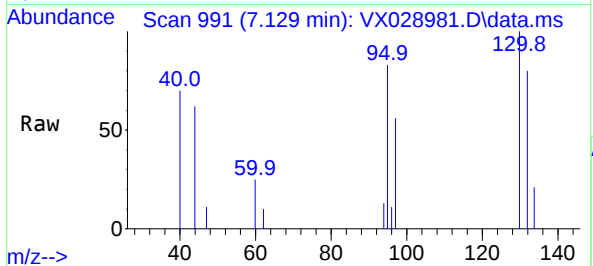




#44
Trichloroethene
Concen: 0.254 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX028981.D
Acq: 26 May 2022 04:15

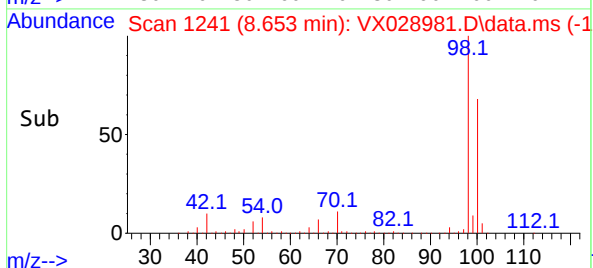
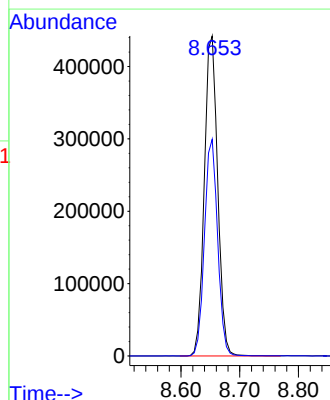
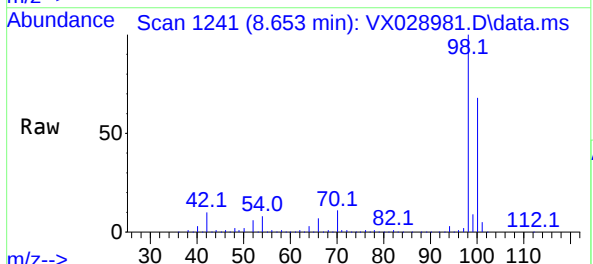
Instrument :
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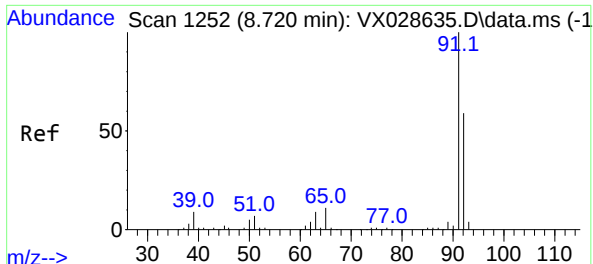
Tgt Ion:130 Resp: 1139
Ion Ratio Lower Upper
130 100
95 83.2 0.0 188.8



#50
Toluene-d8
Concen: 48.430 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028981.D
Acq: 26 May 2022 04:15

Tgt Ion: 98 Resp: 698757
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8

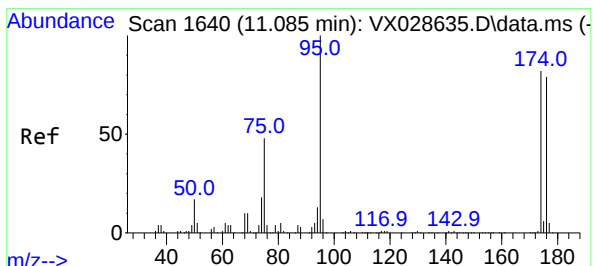
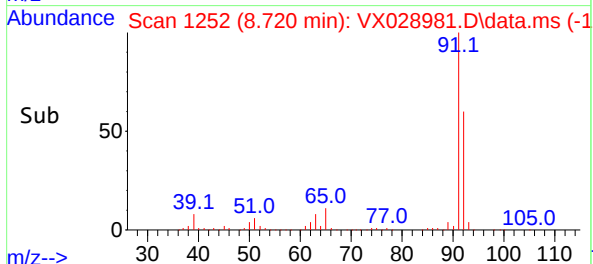
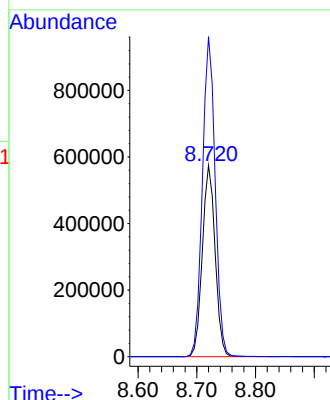
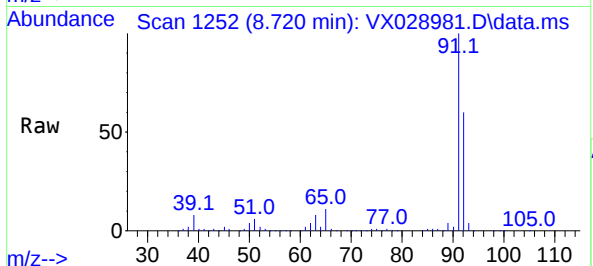




#52
Toluene
Concen: 81.596 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028981.D
Acq: 26 May 2022 04:15

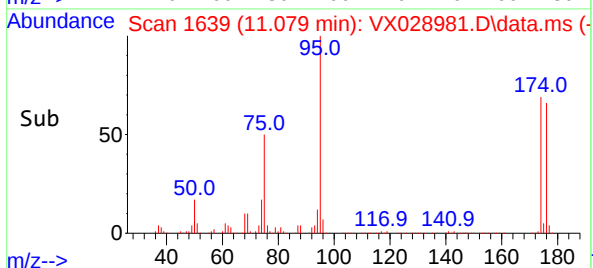
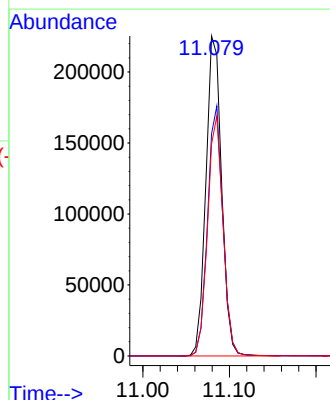
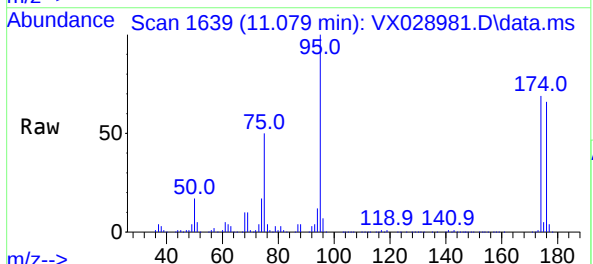
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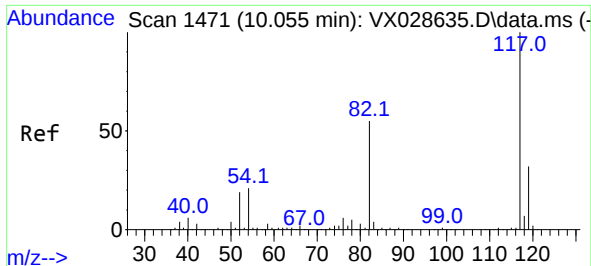
Tgt Ion: 92 Resp: 867079
Ion Ratio Lower Upper
92 100
91 167.0 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 52.713 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028981.D
Acq: 26 May 2022 04:15

Tgt Ion: 95 Resp: 284070
Ion Ratio Lower Upper
95 100
174 76.3 0.0 163.0
176 73.8 0.0 155.0

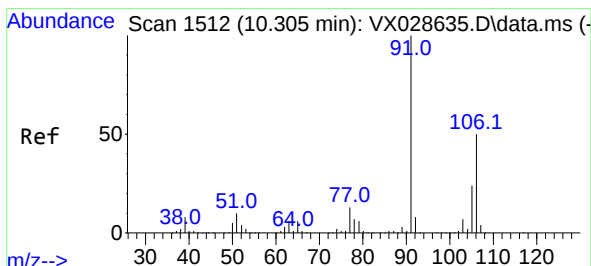
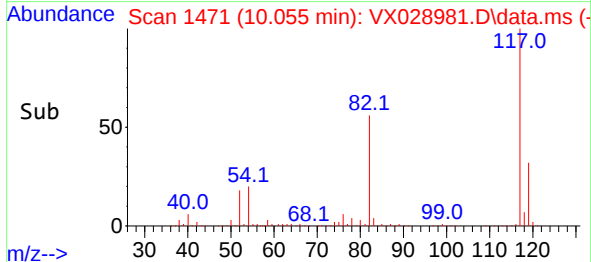
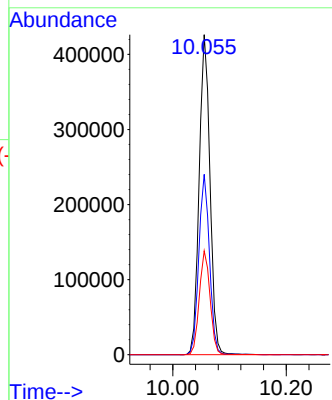
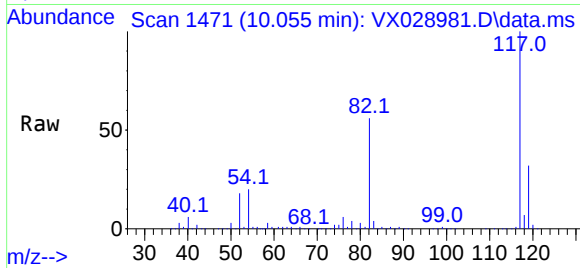




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028981.D
Acq: 26 May 2022 04:15

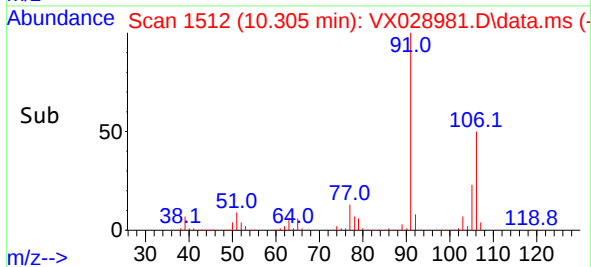
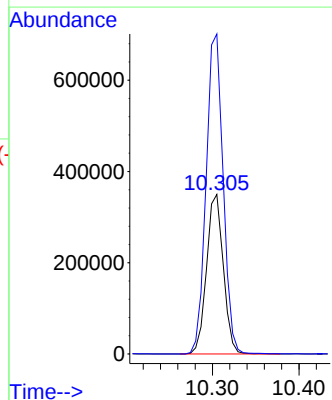
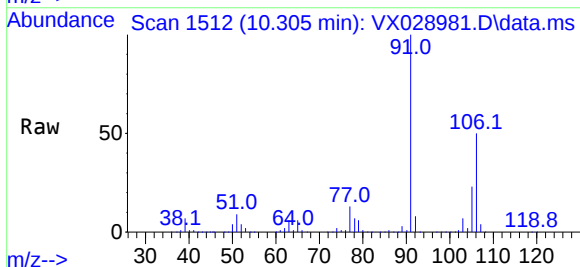
Instrument :
MSVOA_X
ClientSampleId :
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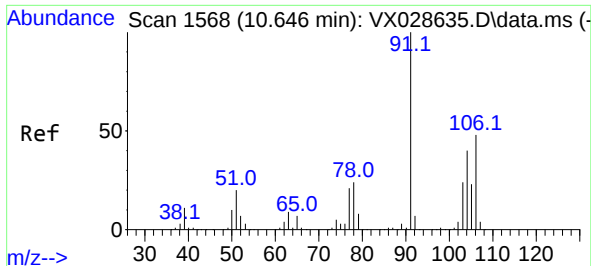
Tgt Ion:117 Resp: 563159
Ion Ratio Lower Upper
117 100
82 56.4 41.8 62.8
119 32.4 24.8 37.2



#68
m/p-Xylenes
Concen: 56.302 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX028981.D
Acq: 26 May 2022 04:15

Tgt Ion:106 Resp: 469393
Ion Ratio Lower Upper
106 100
91 204.1 160.4 240.6

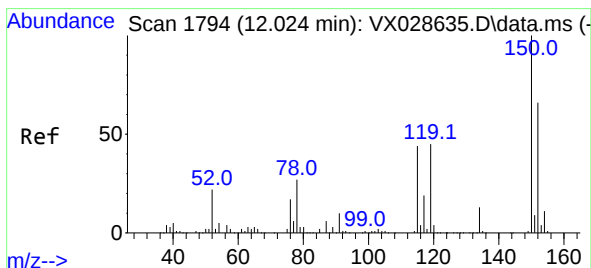
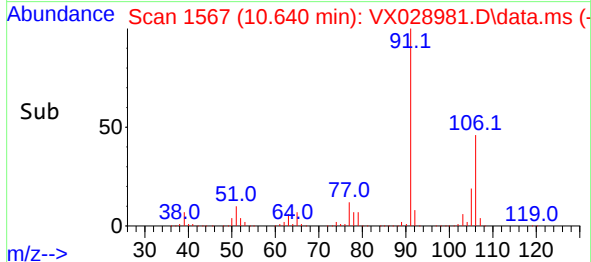
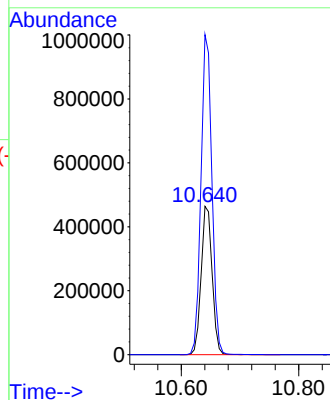
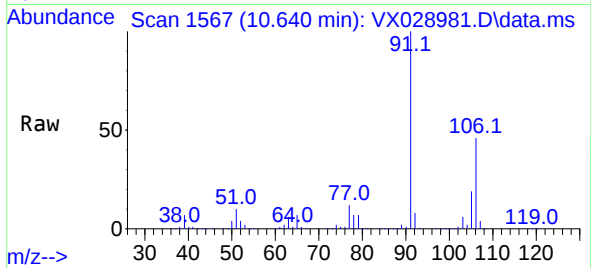




#69
o-Xylene
Concen: 72.956 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028981.D
Acq: 26 May 2022 04:15

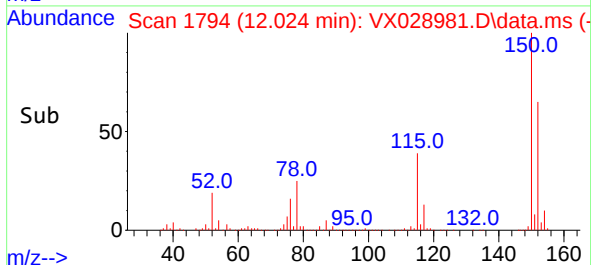
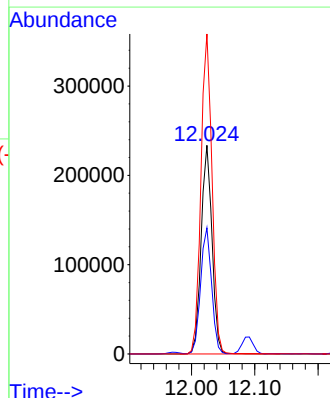
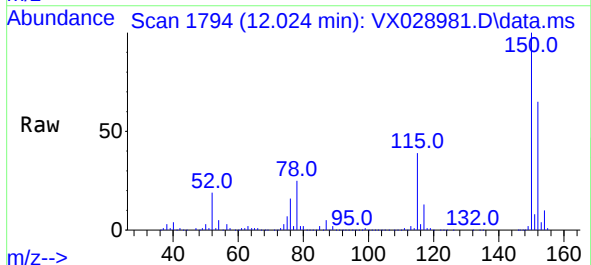
Instrument :
MSVOA_X
ClientSampleId :
30987

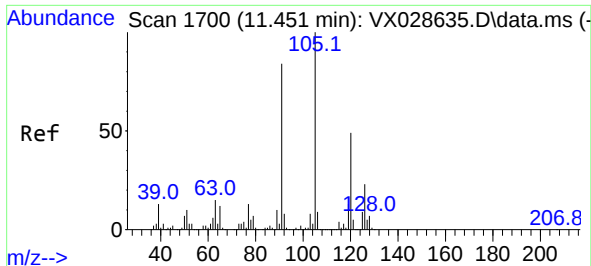
Tgt Ion:106 Resp: 598837
Ion Ratio Lower Upper
106 100
91 214.6 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028981.D
Acq: 26 May 2022 04:15

Tgt Ion:152 Resp: 279944
Ion Ratio Lower Upper
152 100
115 60.8 37.5 112.7
150 155.8 0.0 338.2

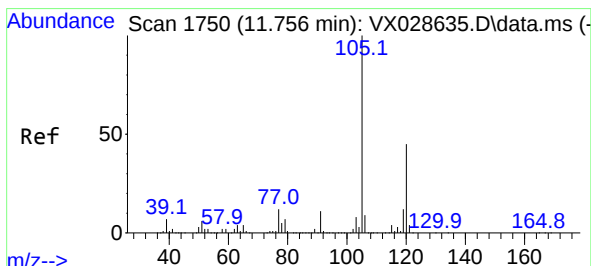
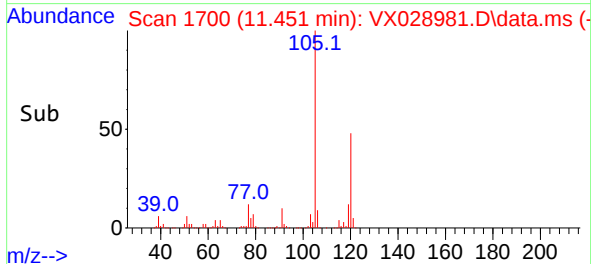
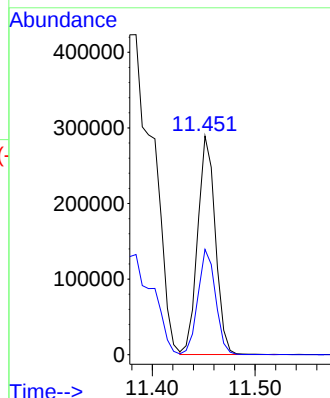
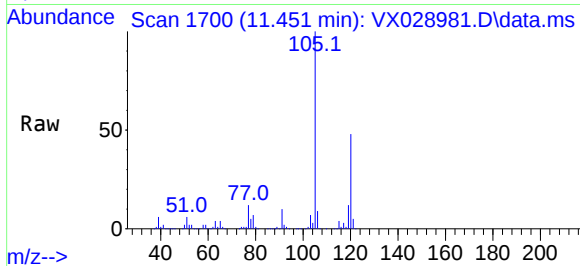




#80
1,3,5-Trimethylbenzene
Concen: 19.567 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028981.D
Acq: 26 May 2022 04:15

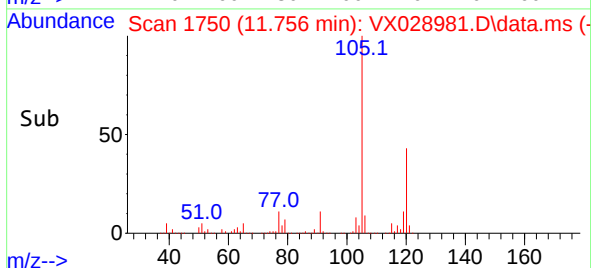
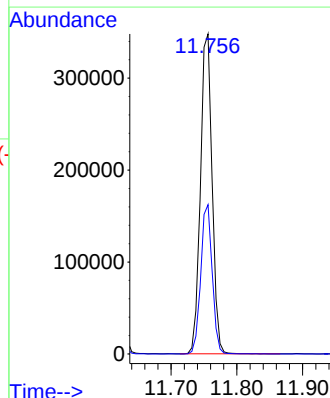
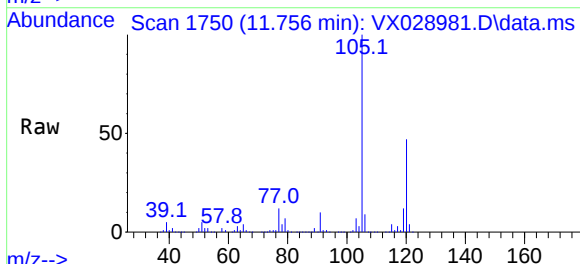
Instrument :
MSVOA_X
ClientSampleId :
30987

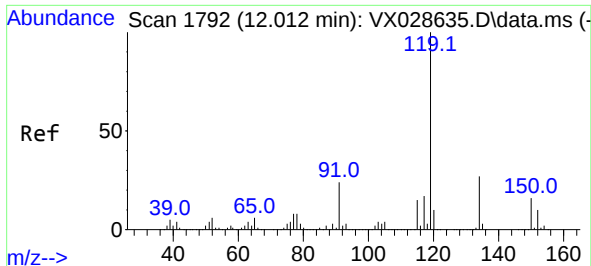
Tgt Ion:105 Resp: 346129
Ion Ratio Lower Upper
105 100
120 48.0 24.3 72.9



#84
1,2,4-Trimethylbenzene
Concen: 24.145 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX028981.D
Acq: 26 May 2022 04:15

Tgt Ion:105 Resp: 428311
Ion Ratio Lower Upper
105 100
120 45.9 22.6 67.8

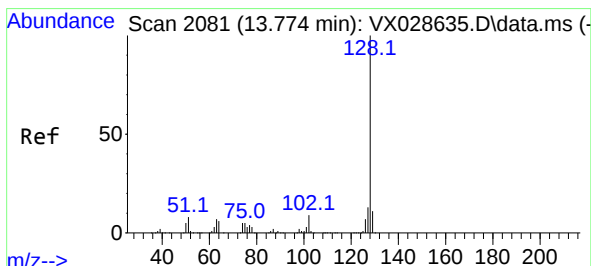
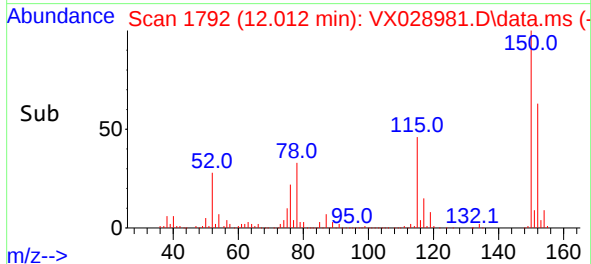
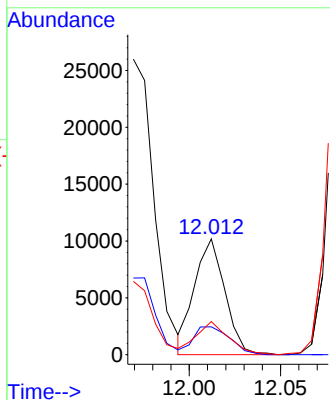
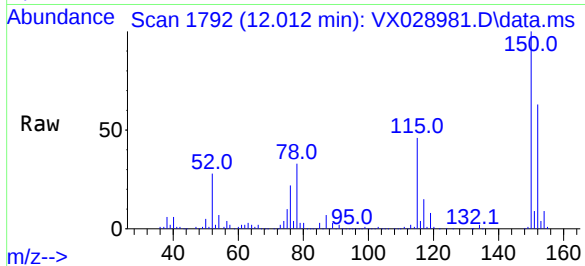




#86
p-Isopropyltoluene
Concen: 0.666 ug/l
RT: 12.012 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028981.D
Acq: 26 May 2022 04:15

Instrument :
MSVOA_X
ClientSampleId :
30987

Tgt Ion:119 Resp: 11814
Ion Ratio Lower Upper
119 100
134 29.0 13.0 39.0
91 30.6 11.3 33.9



#95
Naphthalene
Concen: 28.744 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX028981.D
Acq: 26 May 2022 04:15

Tgt Ion:128 Resp: 571794
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.2 8.7 13.1

