

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051722\
 Data File : VX028765.D
 Acq On : 17 May 2022 18:05
 Operator : JC/MD
 Sample : N2884-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31517

Quant Time: May 18 04:52:30 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)

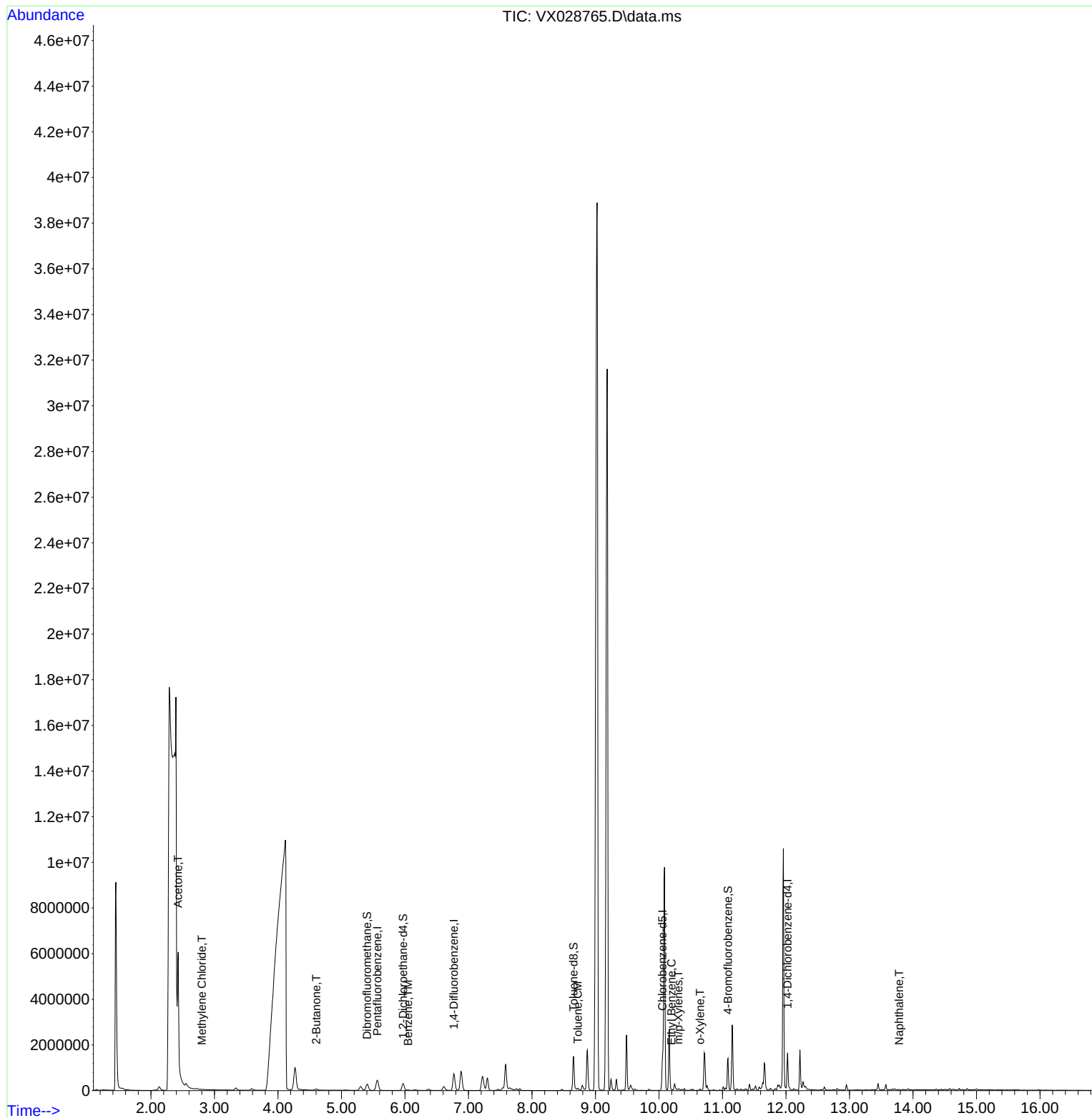
Internal Standards							
1) Pentafluorobenzene		5.562	168	415937	50.000	ug/l	0.01
34) 1,4-Difluorobenzene		6.769	114	743584	50.000	ug/l	0.00
63) Chlorobenzene-d5		10.055	117	644353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		12.024	152	331077	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		5.971	65	291559	51.137	ug/l	0.01
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.280%	
35) Dibromofluoromethane		5.404	113	226640	46.520	ug/l	0.02
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.040%	
50) Toluene-d8		8.653	98	866574	47.179	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.360%	
62) 4-Bromofluorobenzene		11.085	95	350868	51.143	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.280%	
Target Compounds							
						Qvalue	
16) Acetone		2.428	43	2732265	1116.595	ug/l #	34
20) Methylene Chloride		2.800	84	1988	0.387	ug/l #	78
25) 2-Butanone		4.605	43	89755	23.368	ug/l	97
40) Benzene		6.050	78	24956	1.187	ug/l	93
52) Toluene		8.720	92	29972	2.216	ug/l	95
67) Ethyl Benzene		10.195	91	6845	0.279	ug/l #	89
68) m/p-Xylenes		10.305	106	10982	1.151	ug/l	93
69) o-Xylene		10.647	106	5702	0.607	ug/l	96
95) Naphthalene		13.780	128	10392	0.442	ug/l #	93

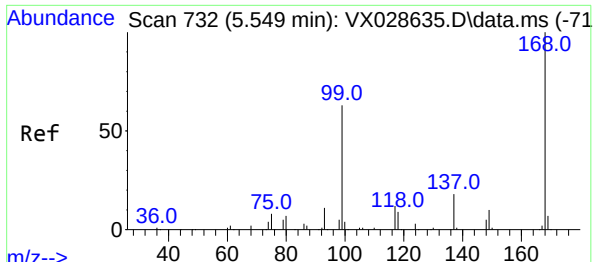
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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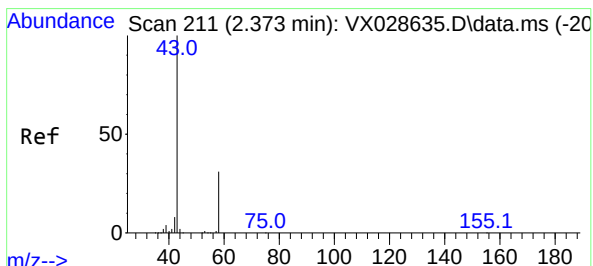
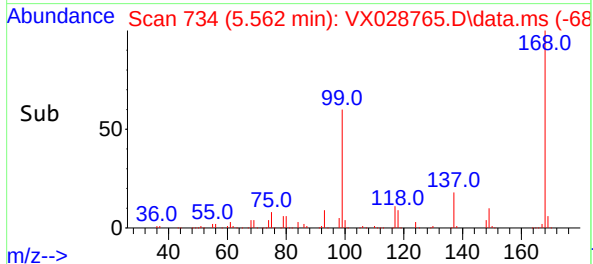
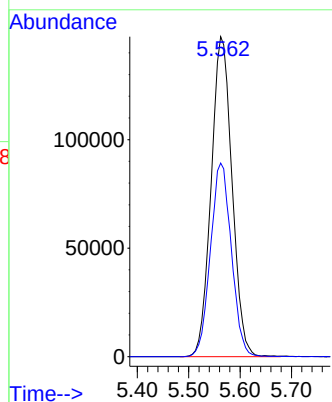
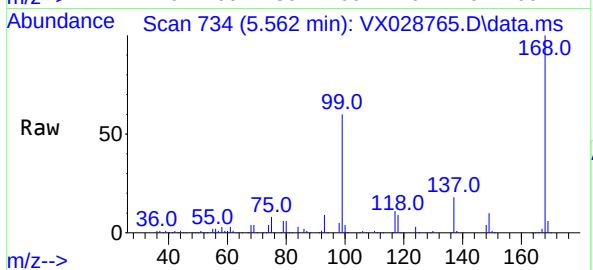




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.013 min
Lab File: VX028765.D
Acq: 17 May 2022 18:05

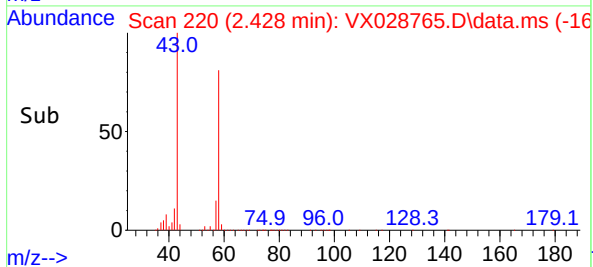
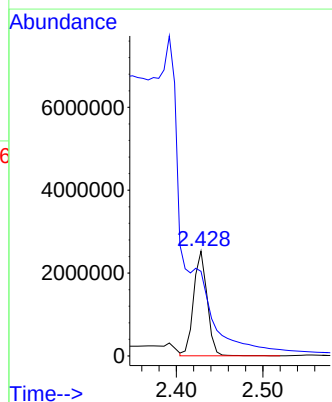
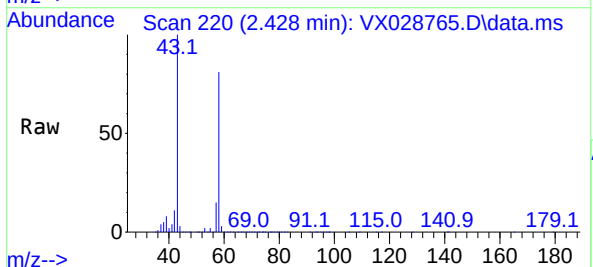
Instrument :
MSVOA_X
ClientSampleId :
31517

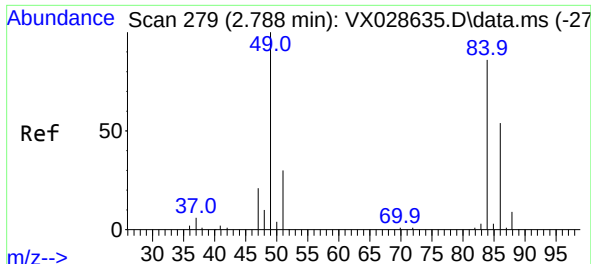
Tgt Ion:168 Resp: 415937
Ion Ratio Lower Upper
168 100
99 60.5 41.7 62.5



#16
Acetone
Concen: 1116.595 ug/l
RT: 2.428 min Scan# 220
Delta R.T. 0.055 min
Lab File: VX028765.D
Acq: 17 May 2022 18:05

Tgt Ion: 43 Resp: 2732265
Ion Ratio Lower Upper
43 100
58 74.8 28.8 43.2#

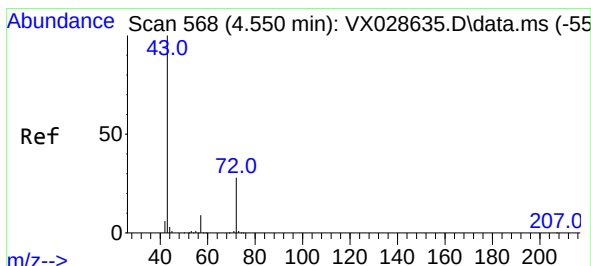
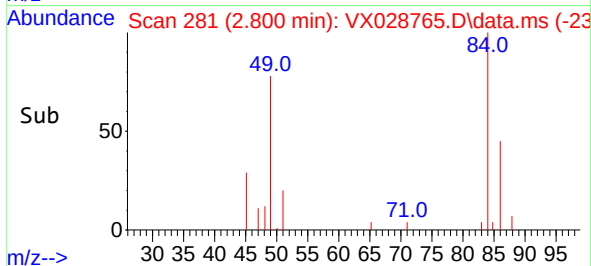
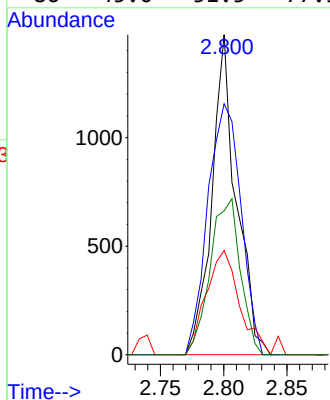
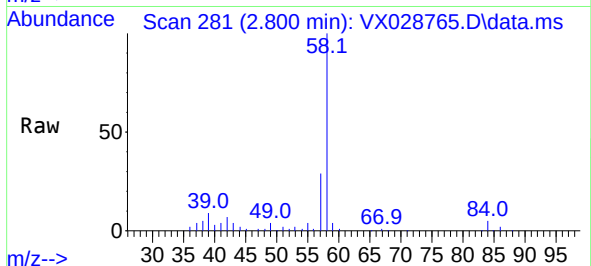




#20
Methylene Chloride
Concen: 0.387 ug/l
RT: 2.800 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX028765.D
Acq: 17 May 2022 18:05

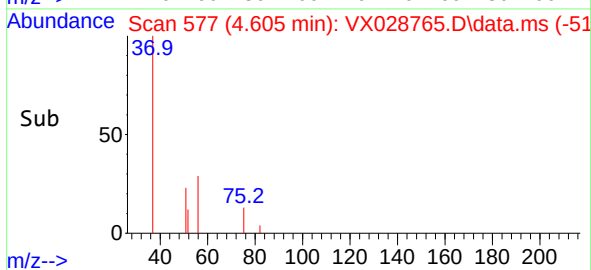
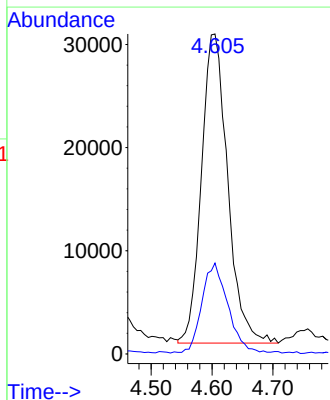
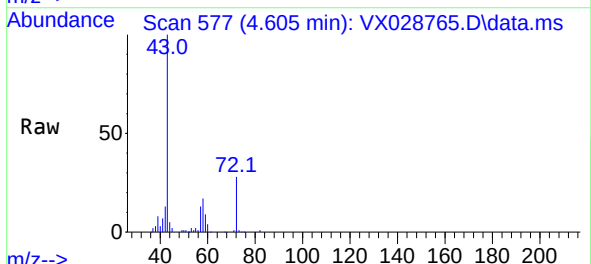
Instrument :
MSVOA_X
ClientSampleId :
31517

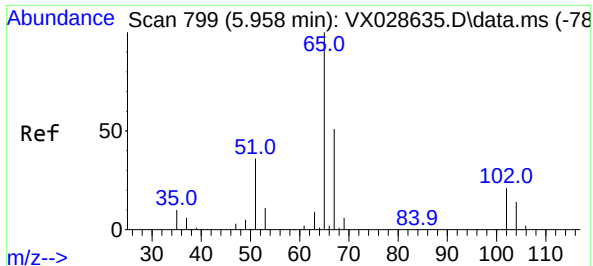
Tgt Ion:	84	Resp:	1988
Ion	Ratio	Lower	Upper
84	100		
49	78.4	85.5	128.3#
51	32.6	26.6	39.8
86	45.0	51.5	77.3#



#25
2-Butanone
Concen: 23.368 ug/l
RT: 4.605 min Scan# 577
Delta R.T. 0.055 min
Lab File: VX028765.D
Acq: 17 May 2022 18:05

Tgt Ion:	43	Resp:	89755
Ion	Ratio	Lower	Upper
43	100		
72	28.9	24.4	36.6





#33

1,2-Dichloroethane-d4

Concen: 51.137 ug/l

RT: 5.971 min Scan# 801

Delta R.T. 0.013 min

Lab File: VX028765.D

Acq: 17 May 2022 18:05

Instrument :

MSVOA_X

ClientSampleId :

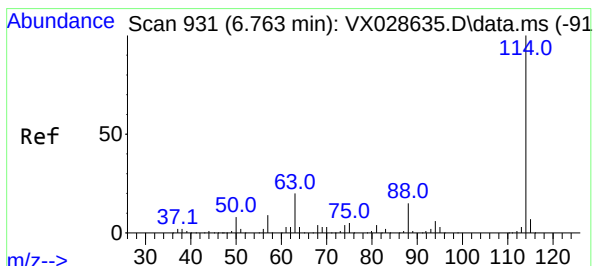
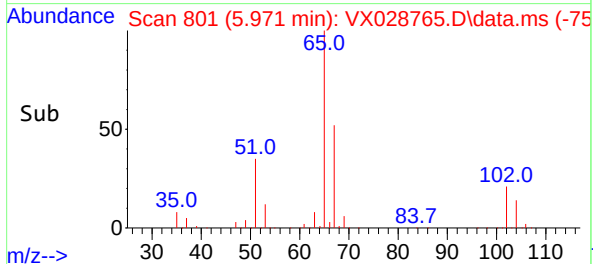
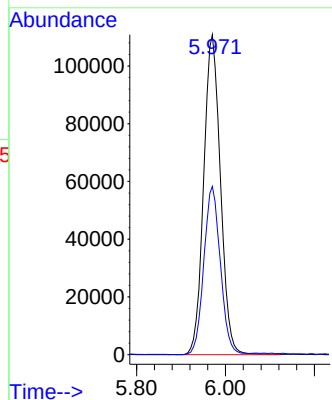
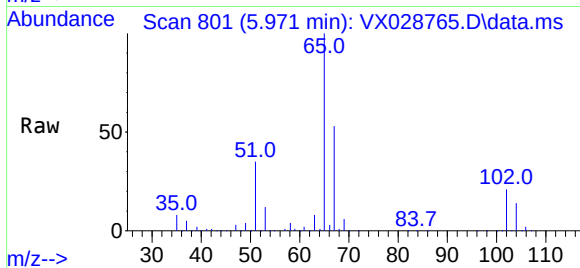
31517

Tgt Ion: 65 Resp: 291559

Ion Ratio Lower Upper

65 100

67 51.8 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX028765.D

Acq: 17 May 2022 18:05

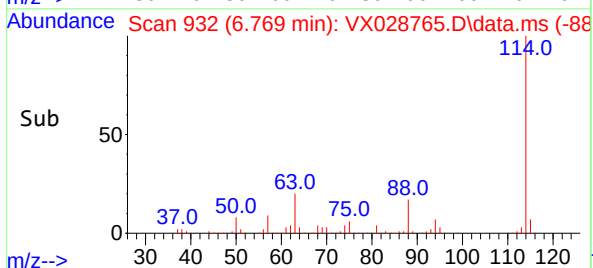
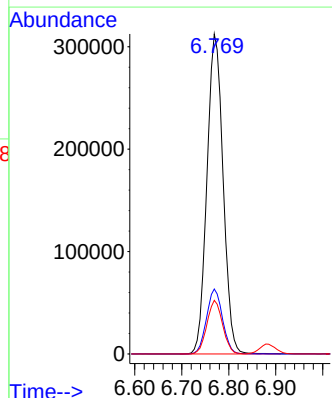
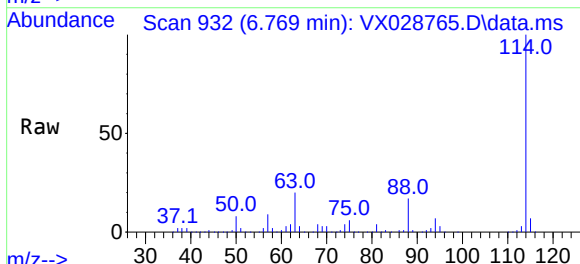
Tgt Ion: 114 Resp: 743584

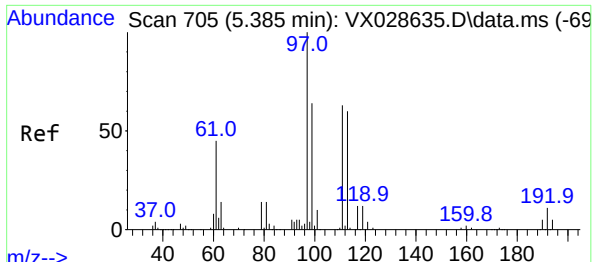
Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.8

88 16.8 0.0 32.4

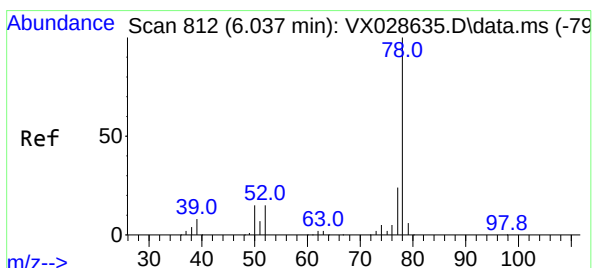
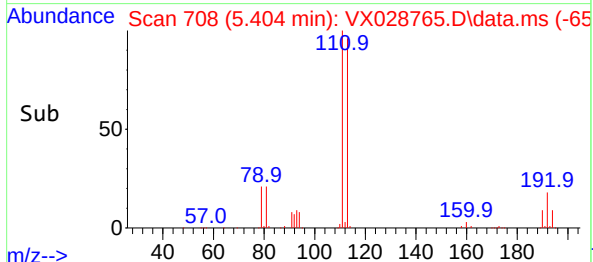
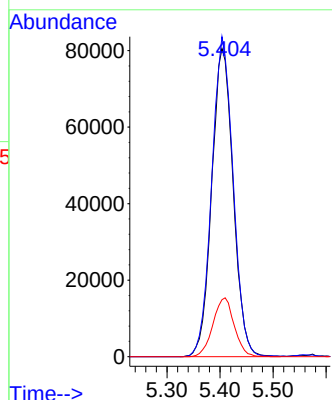
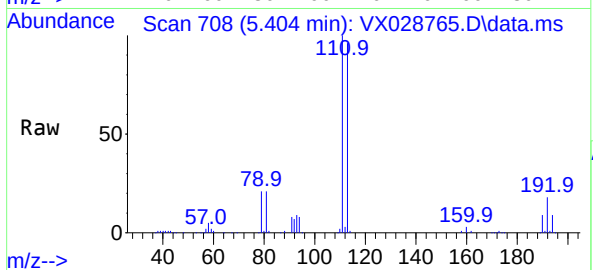




#35
Dibromofluoromethane
Concen: 46.520 ug/l
RT: 5.404 min Scan# 705
Delta R.T. 0.019 min
Lab File: VX028765.D
Acq: 17 May 2022 18:05

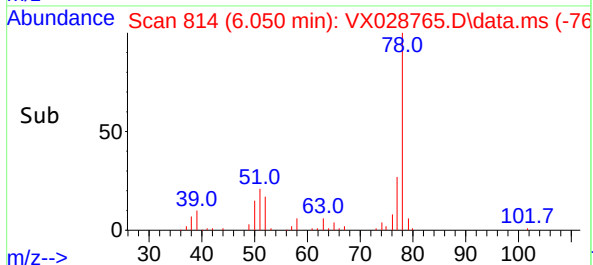
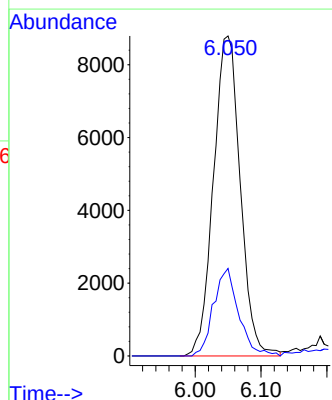
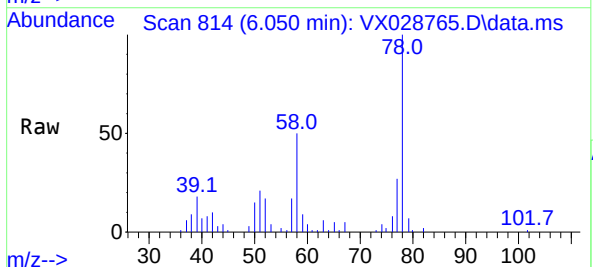
Instrument :
MSVOA_X
ClientSampleId :
31517

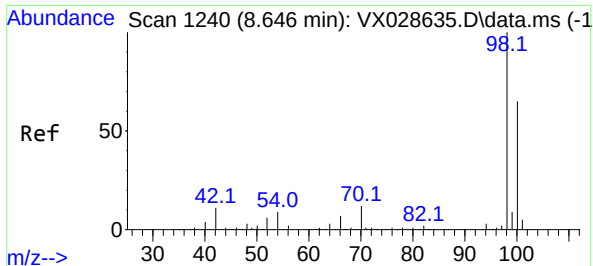
Tgt Ion:113 Resp: 226640
Ion Ratio Lower Upper
113 100
111 103.4 82.8 124.2
192 18.9 16.9 25.3



#40
Benzene
Concen: 1.187 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.013 min
Lab File: VX028765.D
Acq: 17 May 2022 18:05

Tgt Ion: 78 Resp: 24956
Ion Ratio Lower Upper
78 100
77 27.4 19.3 28.9

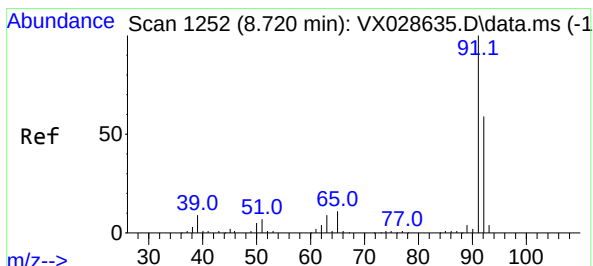
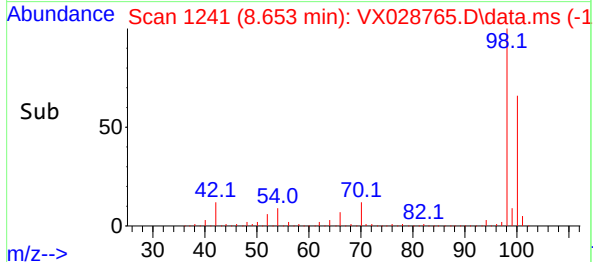
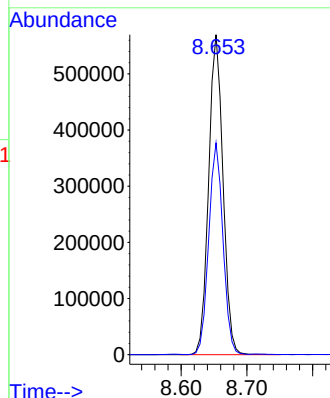
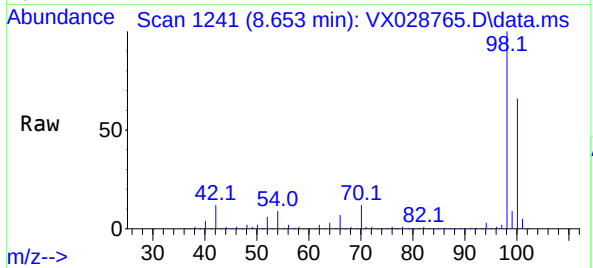




#50
Toluene-d8
Concen: 47.179 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028765.D
Acq: 17 May 2022 18:05

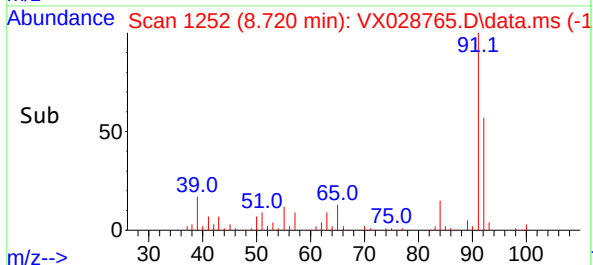
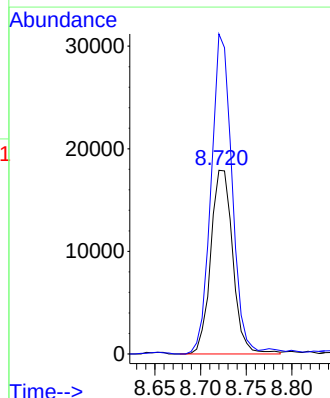
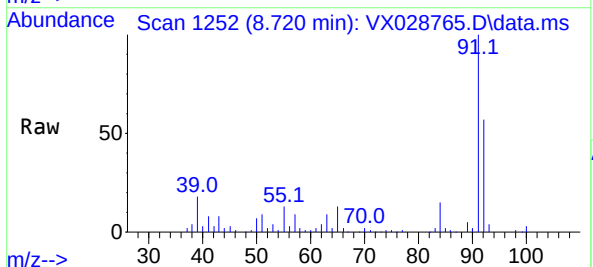
Instrument :
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ClientSampleId :
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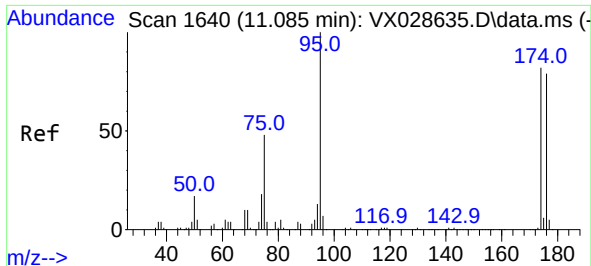
Tgt Ion: 98 Resp: 866574
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#52
Toluene
Concen: 2.216 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX028765.D
Acq: 17 May 2022 18:05

Tgt Ion: 92 Resp: 29972
Ion Ratio Lower Upper
92 100
91 164.6 137.5 206.3

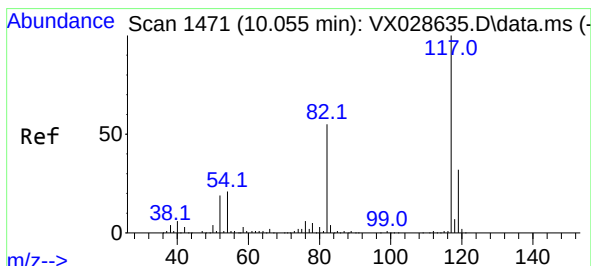
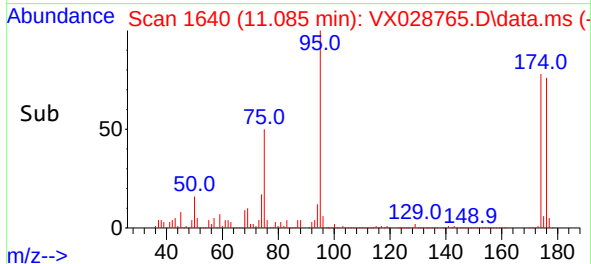
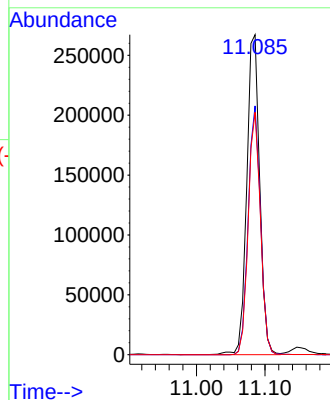
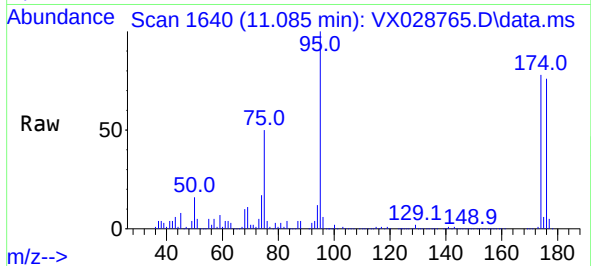




#62
4-Bromofluorobenzene
Concen: 51.143 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028765.D
Acq: 17 May 2022 18:05

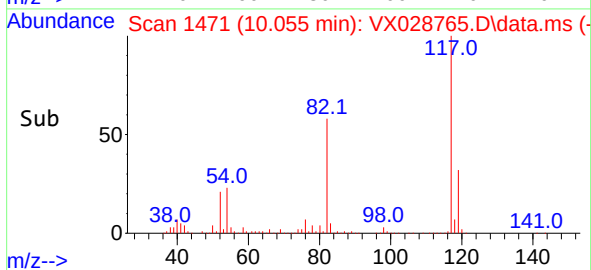
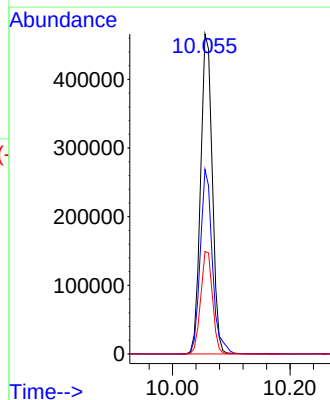
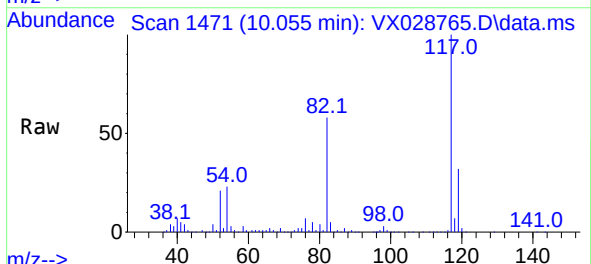
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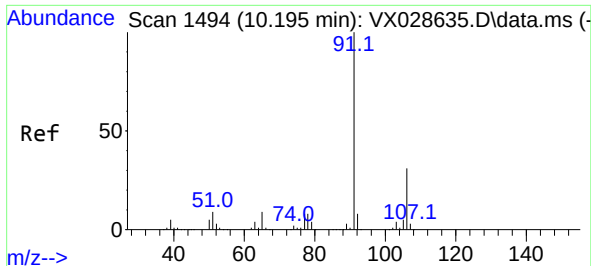
Tgt Ion: 95 Resp: 350868
Ion Ratio Lower Upper
95 100
174 73.8 0.0 163.0
176 71.8 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028765.D
Acq: 17 May 2022 18:05

Tgt Ion: 117 Resp: 644353
Ion Ratio Lower Upper
117 100
82 57.6 41.8 62.8
119 32.0 24.8 37.2

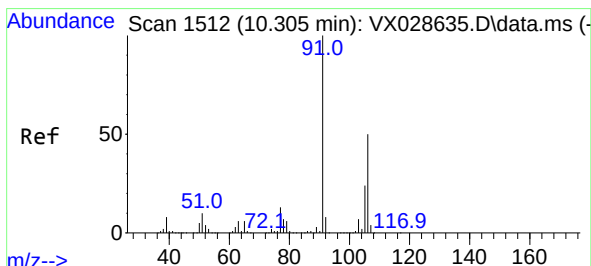
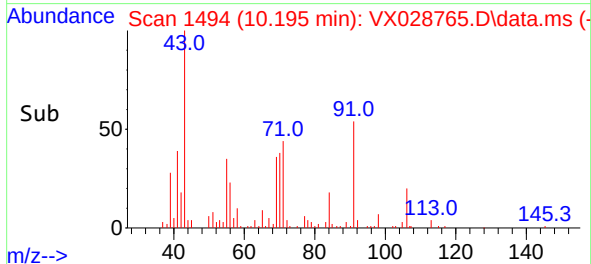
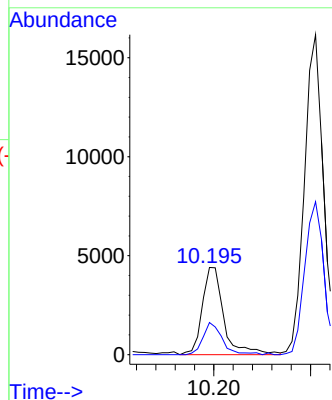
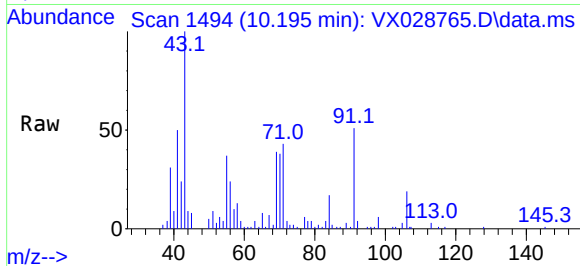




#67
Ethyl Benzene
Concen: 0.279 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028765.D
Acq: 17 May 2022 18:05

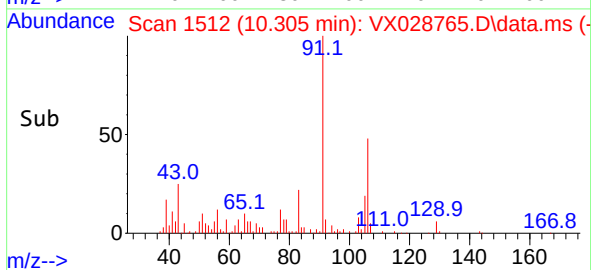
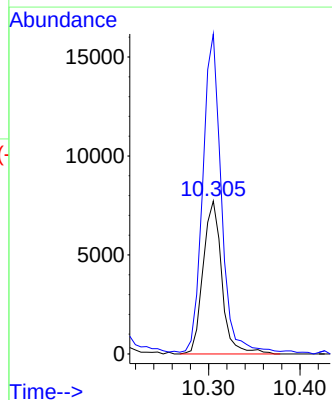
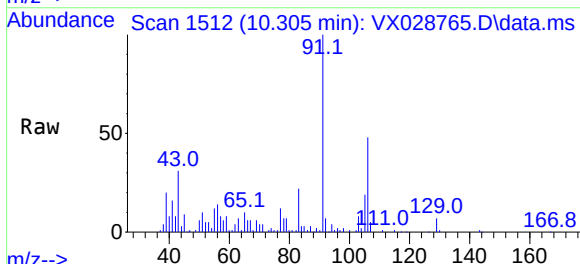
Instrument :
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ClientSampleId :
31517

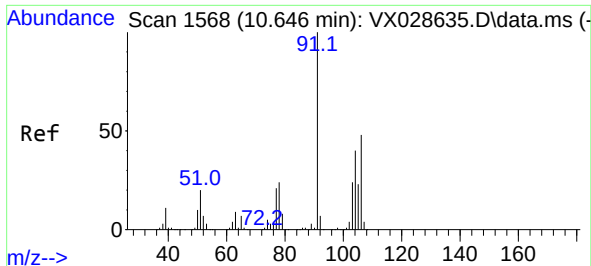
Tgt Ion: 91 Resp: 6845
Ion Ratio Lower Upper
91 100
106 36.9 24.6 36.8#



#68
m/p-Xylenes
Concen: 1.151 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX028765.D
Acq: 17 May 2022 18:05

Tgt Ion:106 Resp: 10982
Ion Ratio Lower Upper
106 100
91 210.9 160.4 240.6

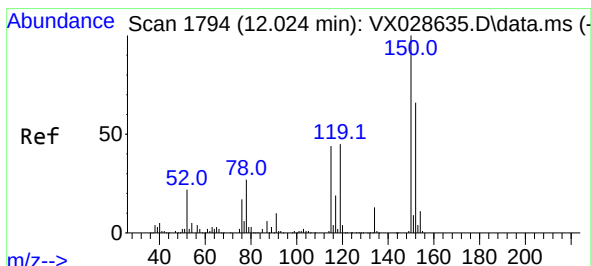
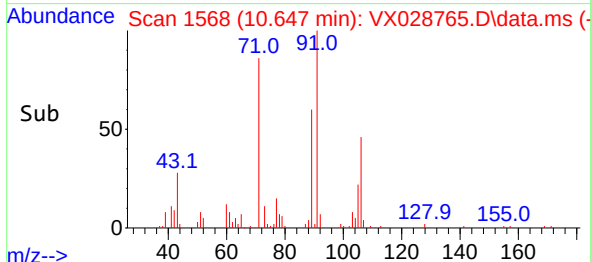
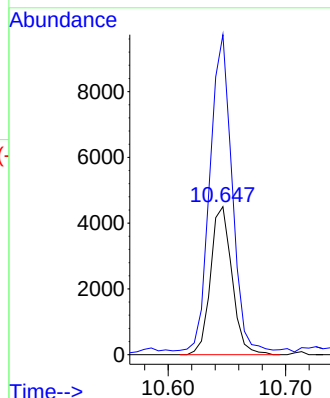
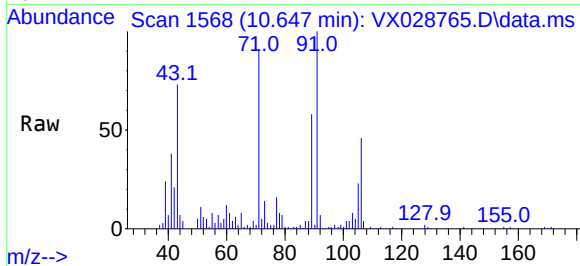




#69
o-Xylene
Concen: 0.607 ug/l
RT: 10.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX028765.D
Acq: 17 May 2022 18:05

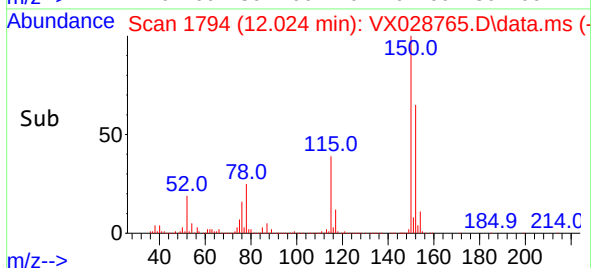
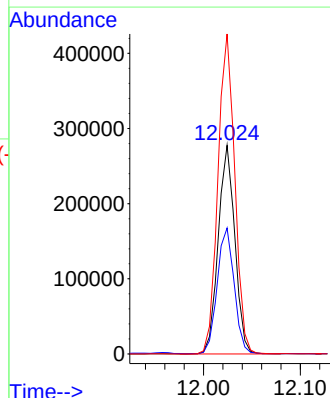
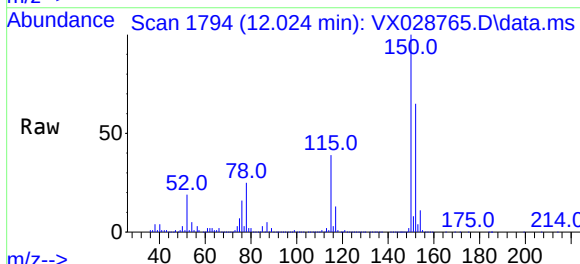
Instrument :
MSVOA_X
ClientSampleId :
31517

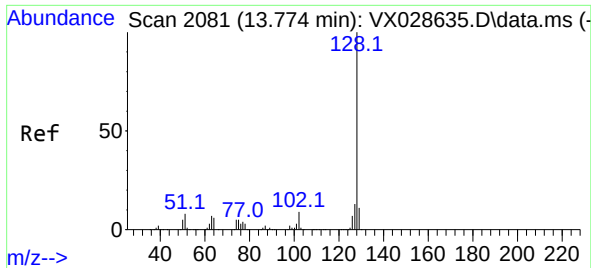
Tgt Ion:106 Resp: 5702
Ion Ratio Lower Upper
106 100
91 218.0 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028765.D
Acq: 17 May 2022 18:05

Tgt Ion:152 Resp: 331077
Ion Ratio Lower Upper
152 100
115 61.6 37.5 112.7
150 155.7 0.0 338.2





#95
Naphthalene
Concen: 0.442 ug/l
RT: 13.780 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX028765.D
Acq: 17 May 2022 18:05

Instrument :
MSVOA_X
ClientSampleId :
31517

Tgt Ion:128 Resp: 10392
Ion Ratio Lower Upper
128 100
127 15.0 10.2 15.4
129 13.9 8.7 13.1#

