

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103122\
 Data File : VX032489.D
 Acq On : 31 Oct 2022 15:43
 Operator : JC/MD
 Sample : N5340-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8-102722

Quant Time: Nov 01 05:11:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

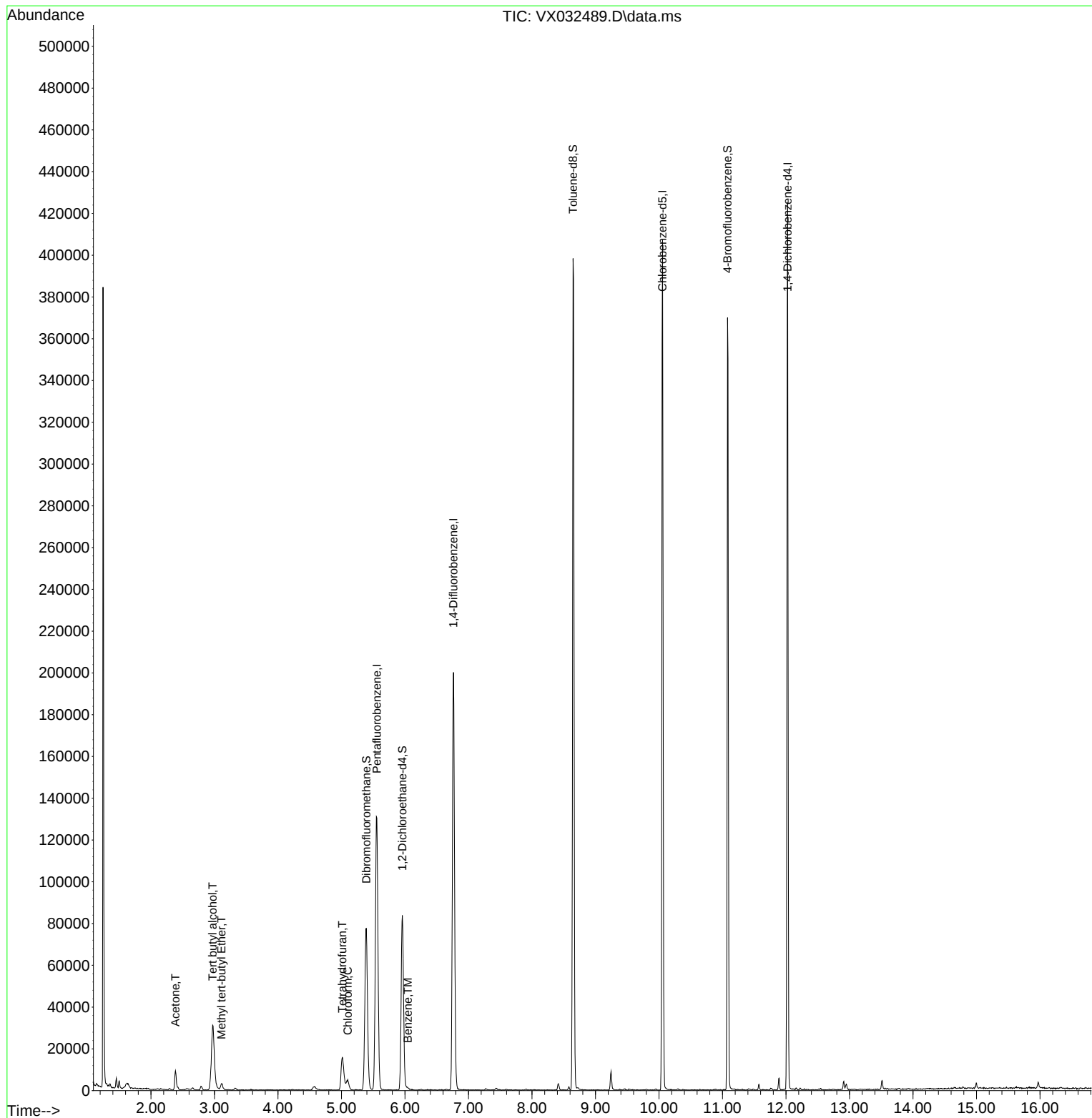
Internal Standards						
1) Pentafluorobenzene	5.556	168	124415	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	202764	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82199	47.549	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.100%
35) Dibromofluoromethane	5.391	113	66317	45.852	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.700%
50) Toluene-d8	8.647	98	242258	48.170	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.340%
62) 4-Bromofluorobenzene	11.079	95	94462	48.084	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.160%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.971	59	48404	192.375	ug/l	98
16) Acetone	2.386	43	9407	14.972	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	3004	0.685	ug/l	93
29) Tetrahydrofuran	5.013	42	14966	24.111	ug/l	100
30) Chloroform	5.099	83	5211	1.919	ug/l	98
40) Benzene	6.044	78	1300	0.228	ug/l	93

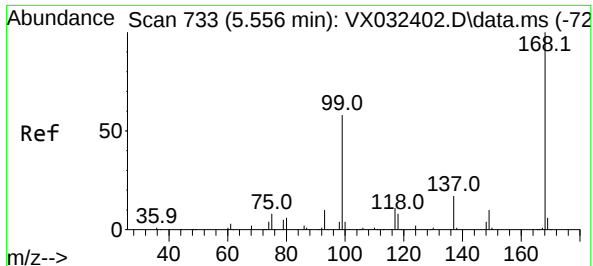
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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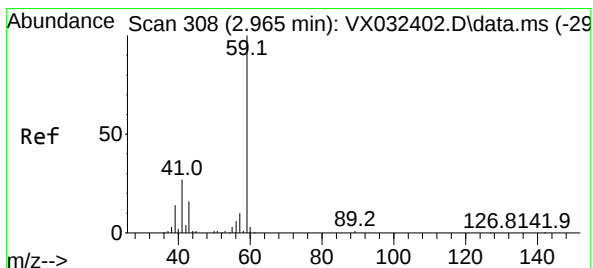
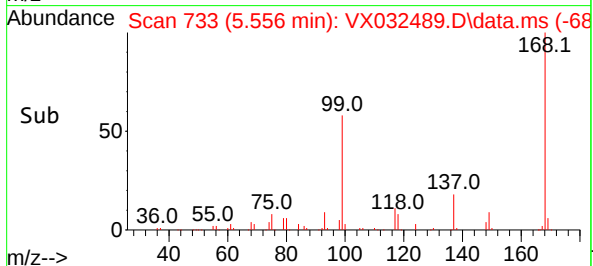
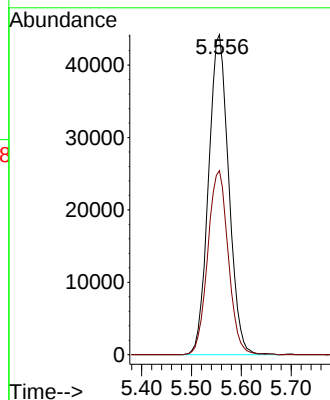
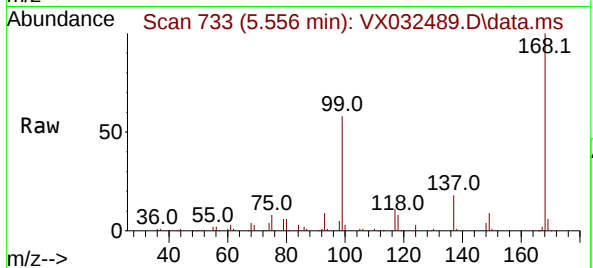




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032489.D
Acq: 31 Oct 2022 15:43

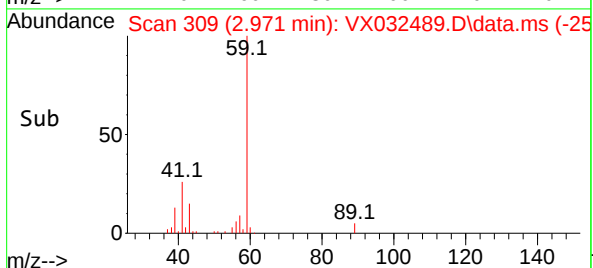
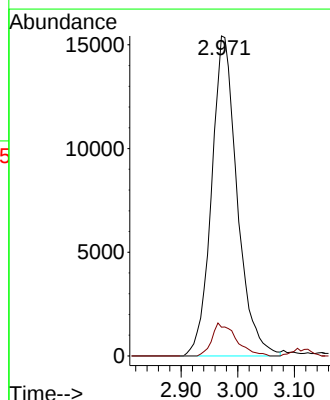
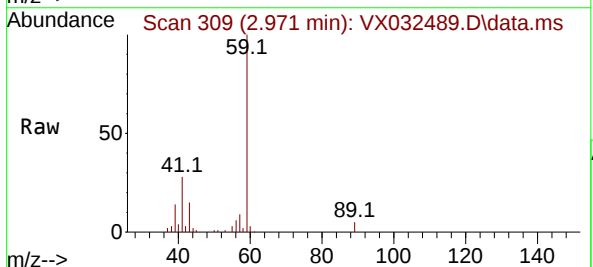
Instrument :
MSVOA_X
ClientSampleId :
MW-8-102722

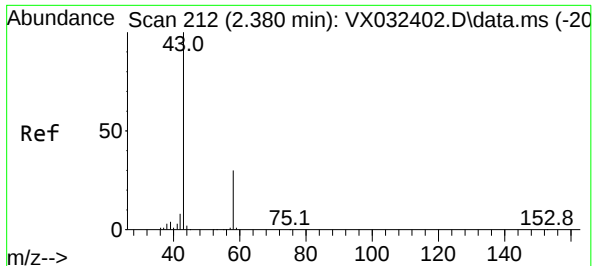
Tgt Ion:168 Resp: 124415
Ion Ratio Lower Upper
168 100
99 57.5 46.1 69.1



#11
Tert butyl alcohol
Concen: 192.375 ug/l
RT: 2.971 min Scan# 309
Delta R.T. 0.006 min
Lab File: VX032489.D
Acq: 31 Oct 2022 15:43

Tgt Ion: 59 Resp: 48404
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.4

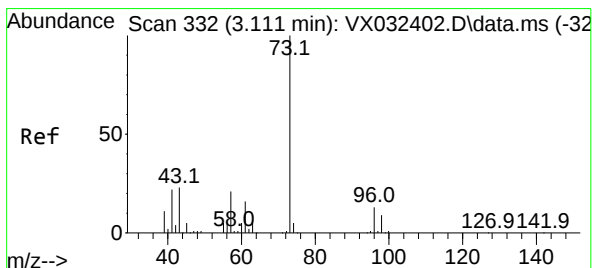
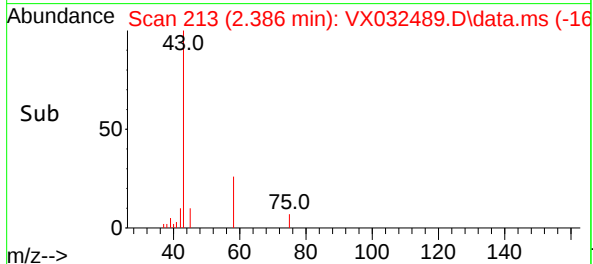
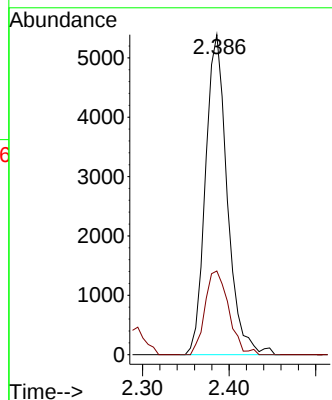
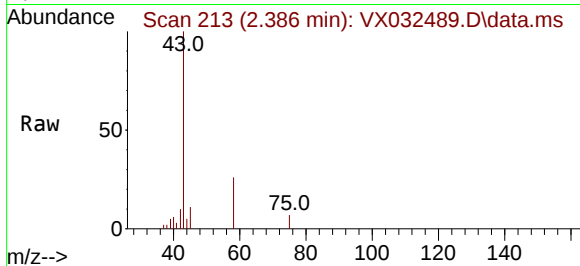




#16
Acetone
Concen: 14.972 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032489.D
Acq: 31 Oct 2022 15:43

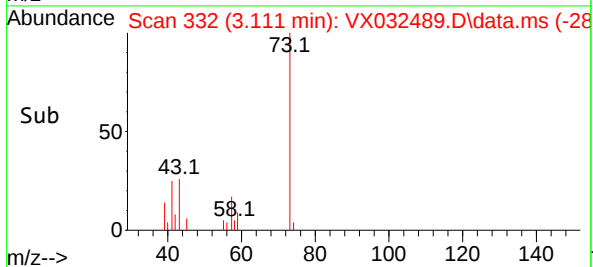
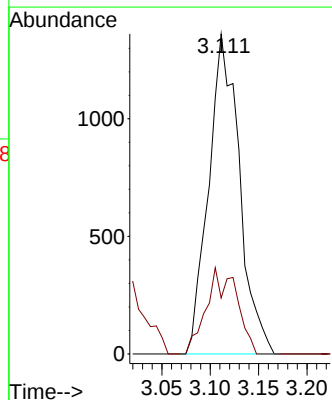
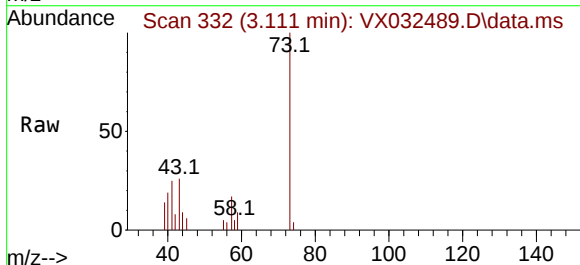
Instrument :
MSVOA_X
ClientSampleId :
MW-8-102722

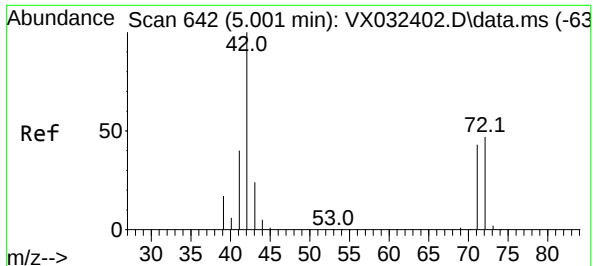
Tgt Ion: 43 Resp: 9407
Ion Ratio Lower Upper
43 100
58 26.2 23.8 35.8



#19
Methyl tert-butyl Ether
Concen: 0.685 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX032489.D
Acq: 31 Oct 2022 15:43

Tgt Ion: 73 Resp: 3004
Ion Ratio Lower Upper
73 100
57 17.5 16.6 25.0





#29

Tetrahydrofuran

Concen: 24.111 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX032489.D

Acq: 31 Oct 2022 15:43

Instrument :

MSVOA_X

ClientSampleId :

MW-8-102722

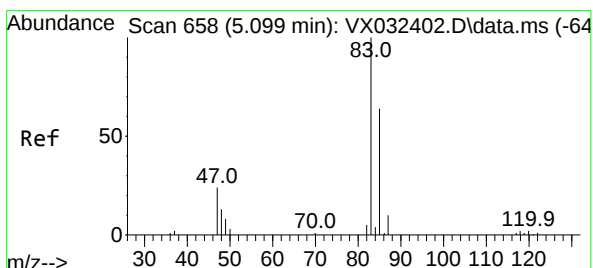
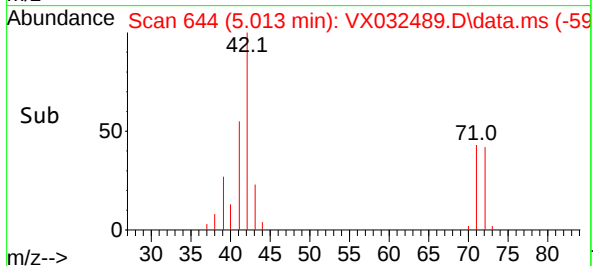
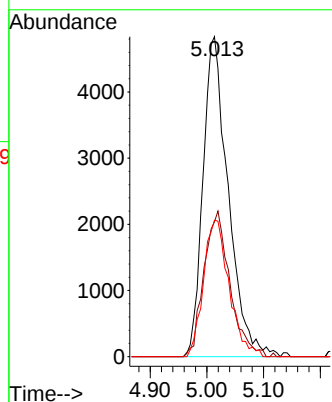
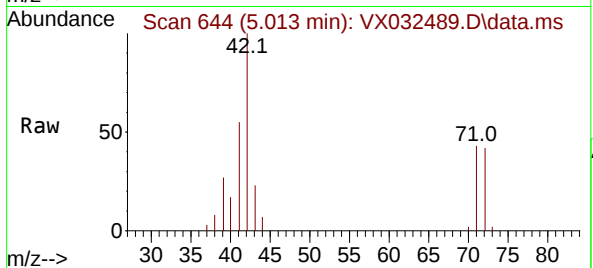
Tgt Ion: 42 Resp: 14966

Ion Ratio Lower Upper

42 100

72 46.7 37.6 56.4

71 43.4 34.7 52.1



#30

Chloroform

Concen: 1.919 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.000 min

Lab File: VX032489.D

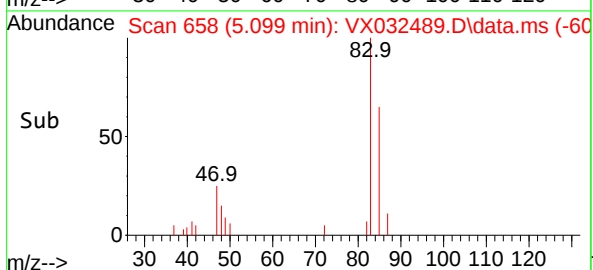
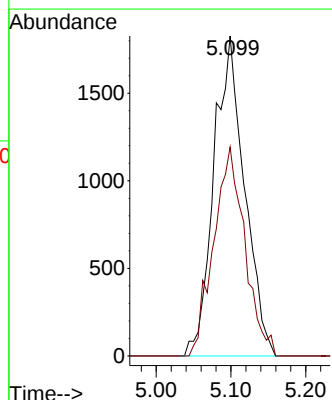
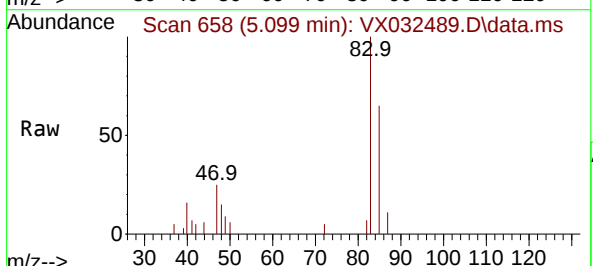
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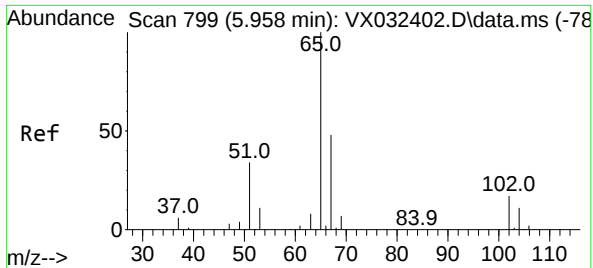
Tgt Ion: 83 Resp: 5211

Ion Ratio Lower Upper

83 100

85 65.3 51.1 76.7

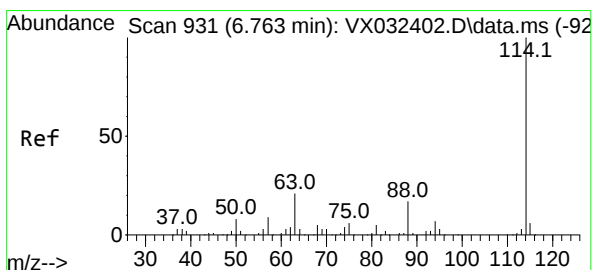
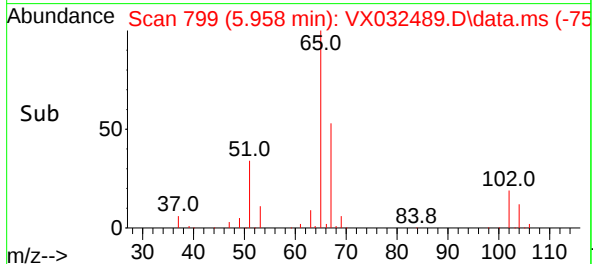
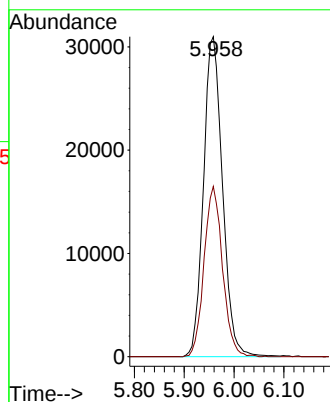
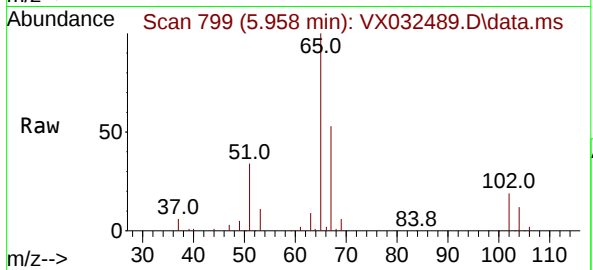




#33
 1,2-Dichloroethane-d4
 Concen: 47.549 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX032489.D
 Acq: 31 Oct 2022 15:43

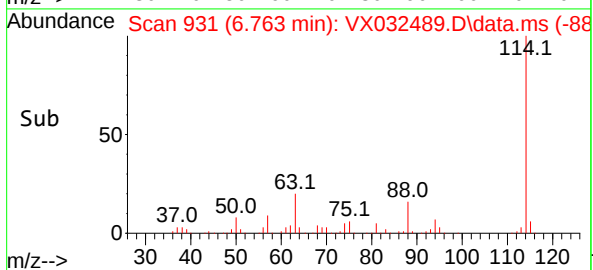
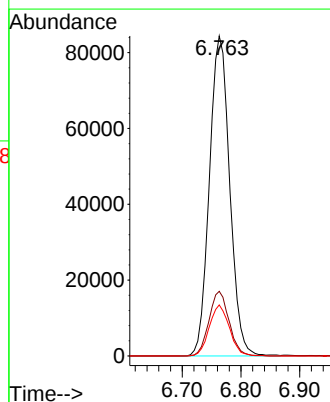
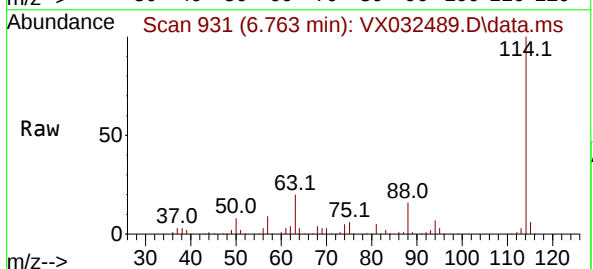
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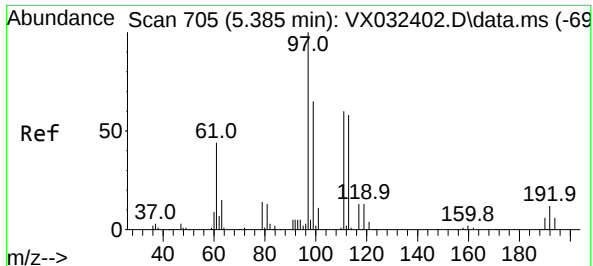
Tgt Ion: 65 Resp: 82199
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX032489.D
 Acq: 31 Oct 2022 15:43

Tgt Ion: 114 Resp: 202764
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.6
 88 15.9 0.0 33.4

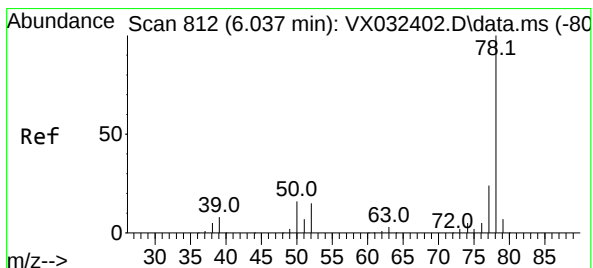
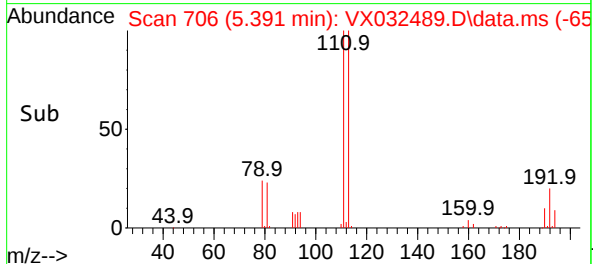
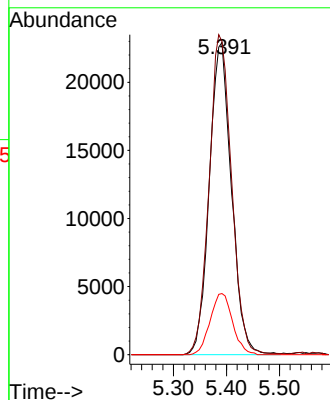
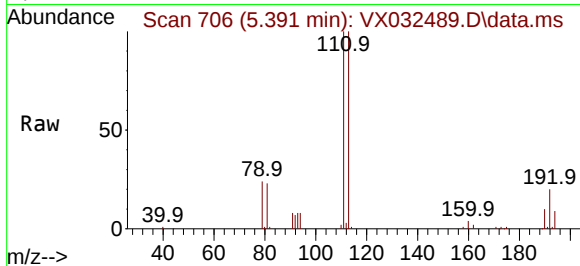




#35
Dibromofluoromethane
Concen: 45.852 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032489.D
Acq: 31 Oct 2022 15:43

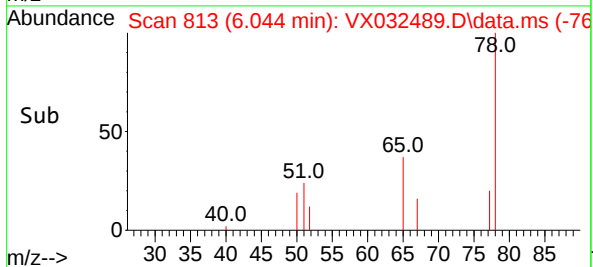
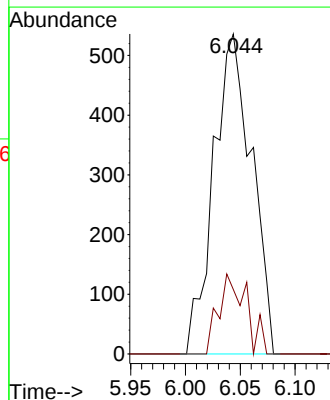
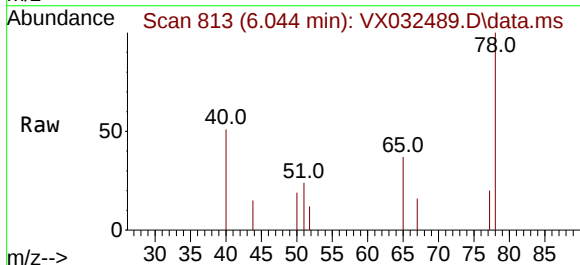
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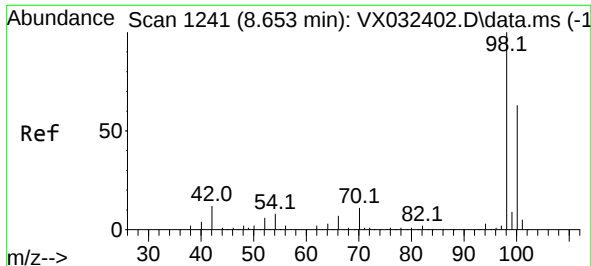
Tgt Ion:113 Resp: 66317
Ion Ratio Lower Upper
113 100
111 104.1 82.4 123.6
192 19.9 15.4 23.2



#40
Benzene
Concen: 0.228 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX032489.D
Acq: 31 Oct 2022 15:43

Tgt Ion: 78 Resp: 1300
Ion Ratio Lower Upper
78 100
77 20.1 19.0 28.4

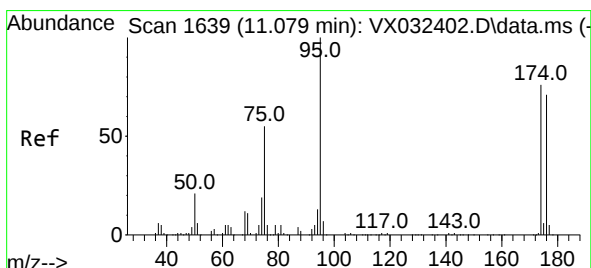
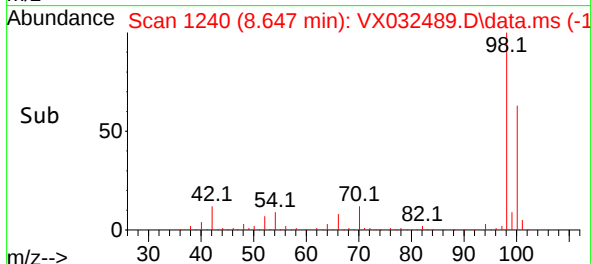
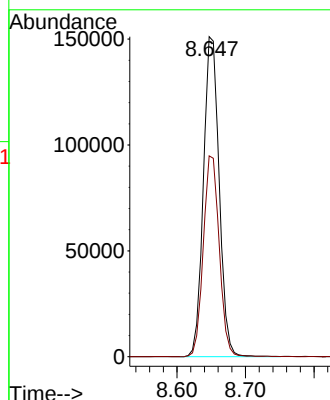
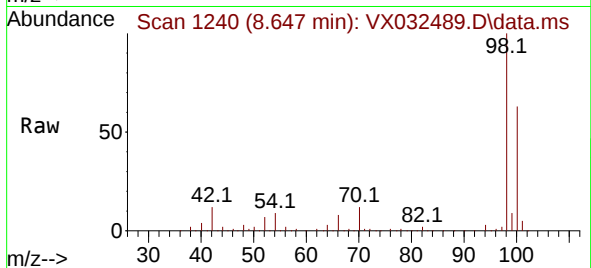




#50
Toluene-d8
Concen: 48.170 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032489.D
Acq: 31 Oct 2022 15:43

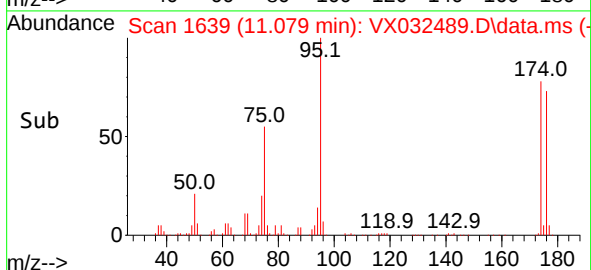
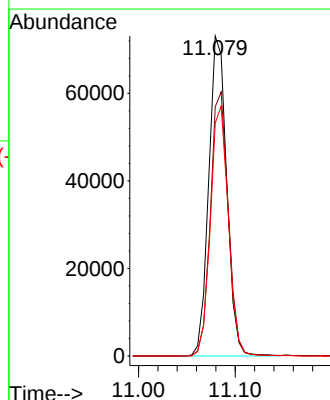
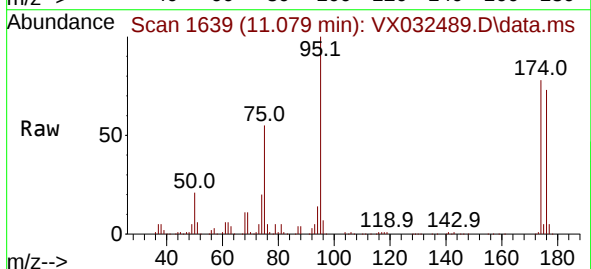
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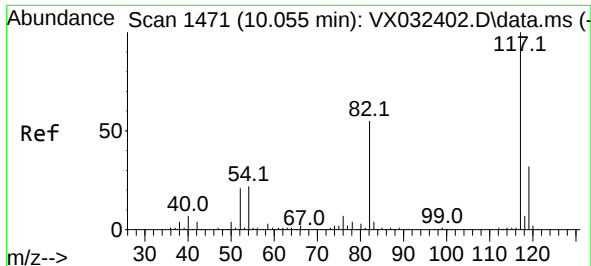
Tgt Ion: 98 Resp: 242258
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 48.084 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032489.D
Acq: 31 Oct 2022 15:43

Tgt Ion: 95 Resp: 94462
Ion Ratio Lower Upper
95 100
174 82.0 0.0 164.0
176 78.0 0.0 154.4

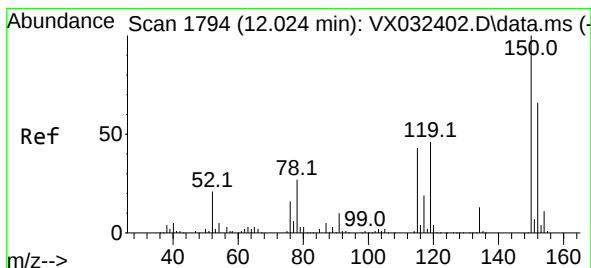
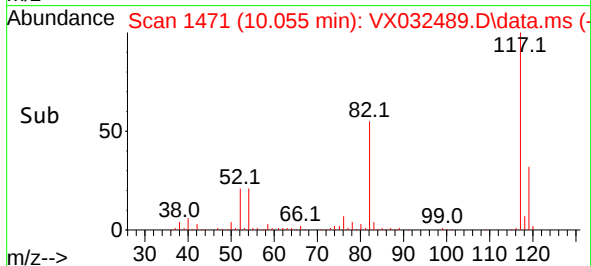
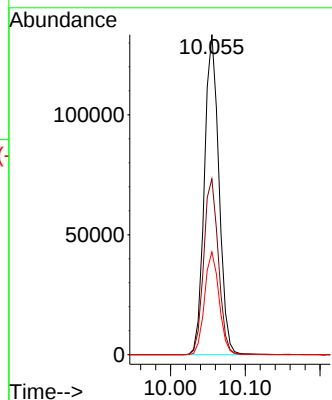
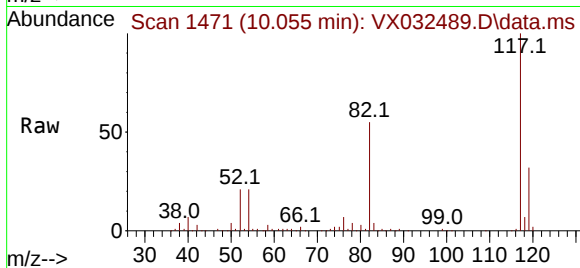




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032489.D
Acq: 31 Oct 2022 15:43

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 180282
Ion Ratio Lower Upper
117 100
82 54.9 44.3 66.5
119 32.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032489.D
Acq: 31 Oct 2022 15:43

Tgt Ion:152 Resp: 84577
Ion Ratio Lower Upper
152 100
115 60.9 44.0 132.0
150 158.1 0.0 351.8

