

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
 Data File : VX032829.D
 Acq On : 15 Nov 2022 17:44
 Operator : JC/MD
 Sample : N5614-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-24

Quant Time: Nov 16 03:35:01 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)

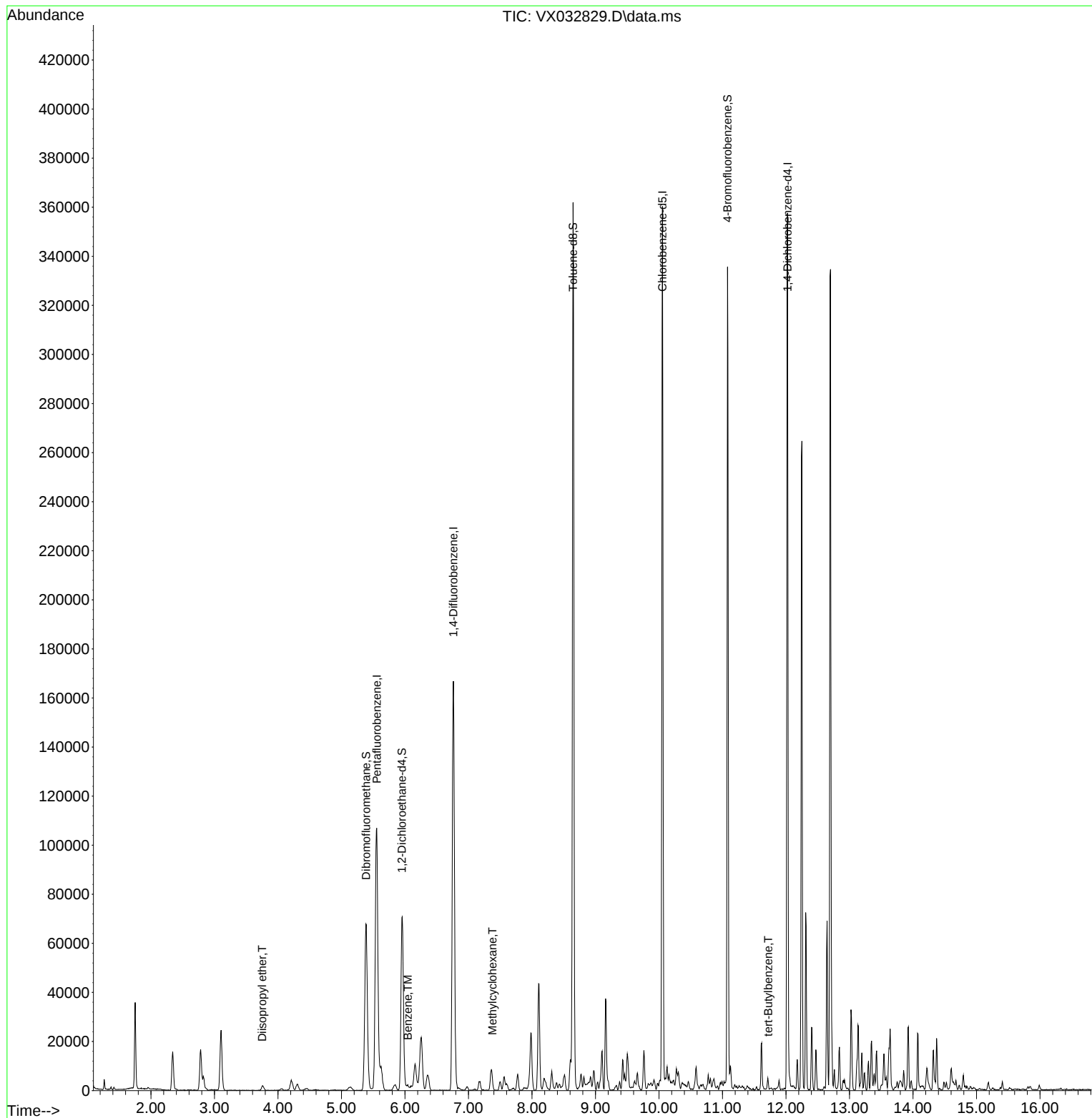
Internal Standards						
1) Pentafluorobenzene	5.556	168	103040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	172119	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72365	50.544	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.080%
35) Dibromofluoromethane	5.385	113	58067	47.296	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.600%
50) Toluene-d8	8.647	98	214727	50.298	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.600%
62) 4-Bromofluorobenzene	11.079	95	85780	51.439	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.880%
Target Compounds						
					Qvalue	
22) Diisopropyl ether	3.751	45	1884	0.529	ug/l #	77
39) Methylcyclohexane	7.379	83	1355	0.670	ug/l #	51
40) Benzene	6.044	78	2376	0.491	ug/l #	89
83) tert-Butylbenzene	11.719	119	1757	0.344	ug/l	87

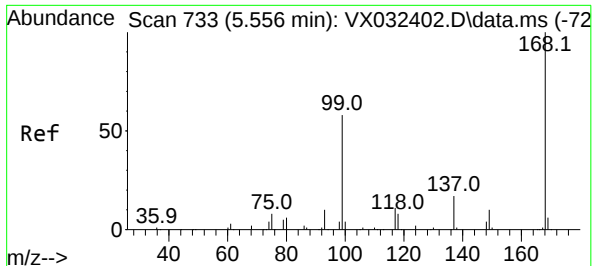
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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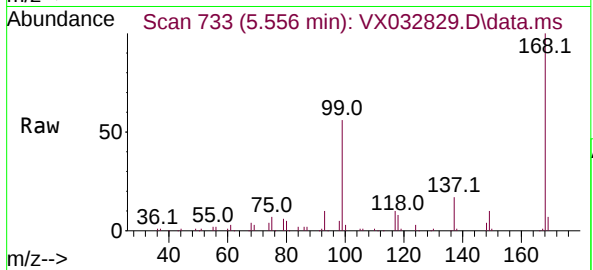
Quant Time: Nov 16 03:35:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
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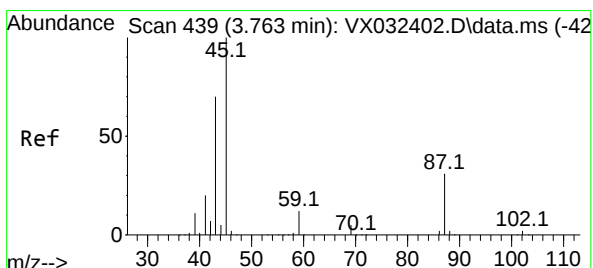
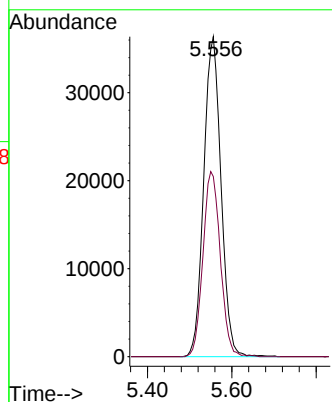
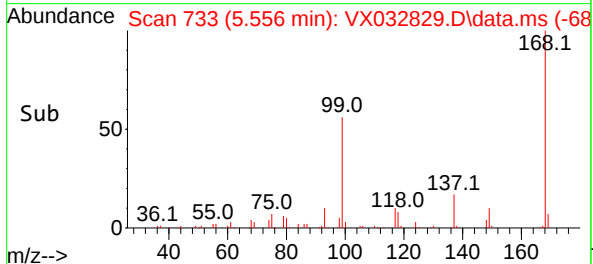


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032829.D
Acq: 15 Nov 2022 17:44

Instrument :
MSVOA_X
ClientSampleId :
MW-24

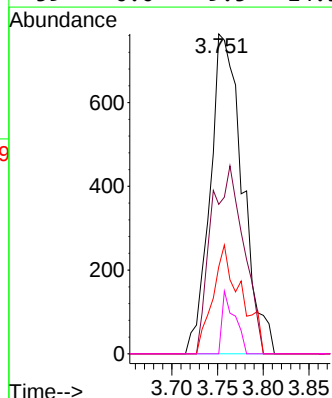
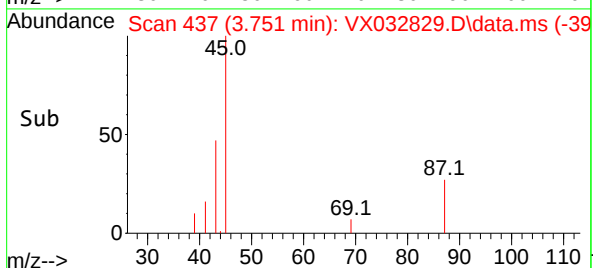
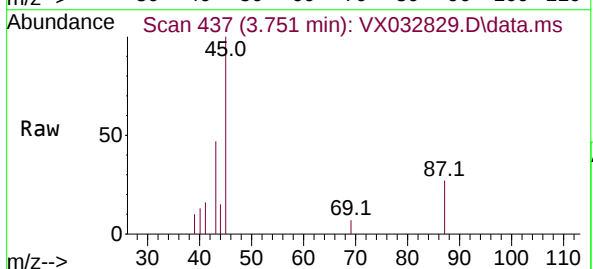


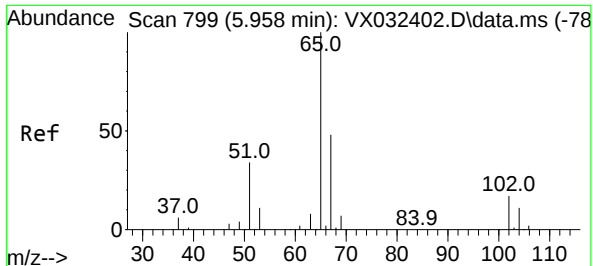
Tgt Ion:168 Resp: 103040
Ion Ratio Lower Upper
168 100
99 56.3 46.1 69.1



#22
Diisopropyl ether
Concen: 0.529 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.012 min
Lab File: VX032829.D
Acq: 15 Nov 2022 17:44

Tgt Ion: 45 Resp: 1884
Ion Ratio Lower Upper
45 100
43 46.7 56.4 84.6#
87 27.2 24.4 36.6
59 0.0 9.5 14.3#





#33

1,2-Dichloroethane-d4

Concen: 50.544 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032829.D

Acq: 15 Nov 2022 17:44

Instrument :

MSVOA_X

ClientSampleId :

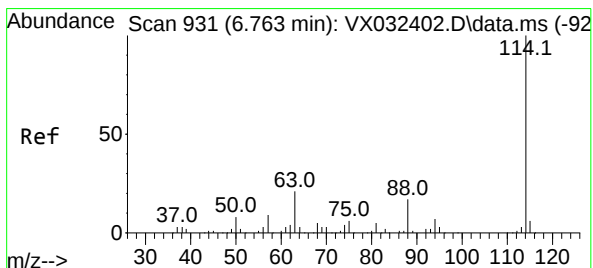
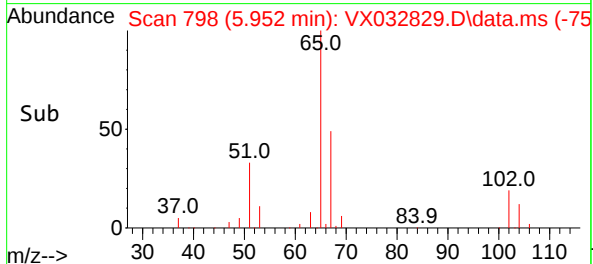
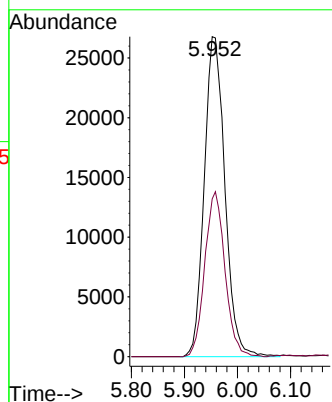
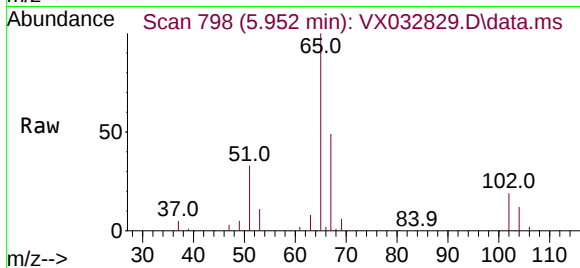
MW-24

Tgt Ion: 65 Resp: 72365

Ion Ratio Lower Upper

65 100

67 50.4 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: VX032829.D

Acq: 15 Nov 2022 17:44

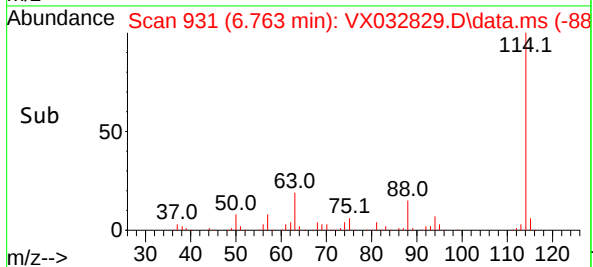
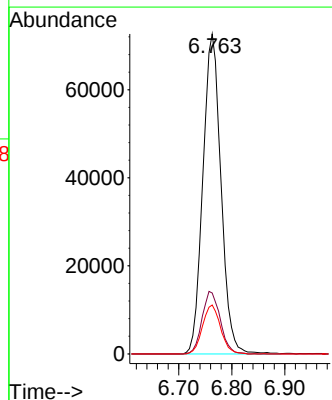
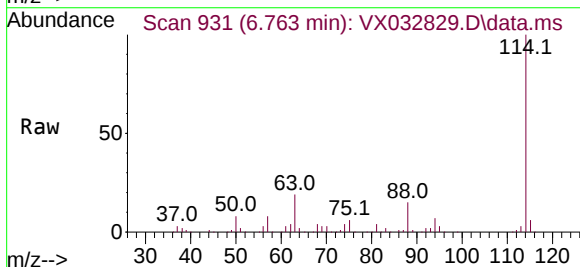
Tgt Ion: 114 Resp: 172119

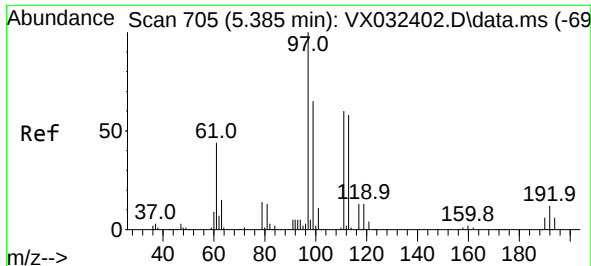
Ion Ratio Lower Upper

114 100

63 19.0 0.0 41.6

88 15.3 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.296 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032829.D

Acq: 15 Nov 2022 17:44

Instrument :

MSVOA_X

ClientSampleId :

MW-24

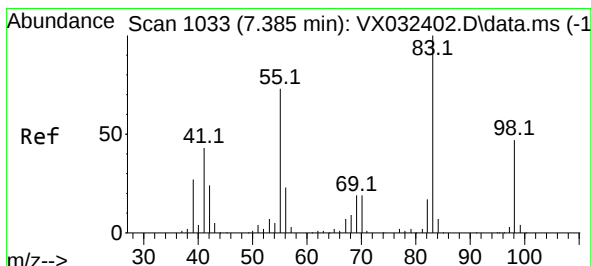
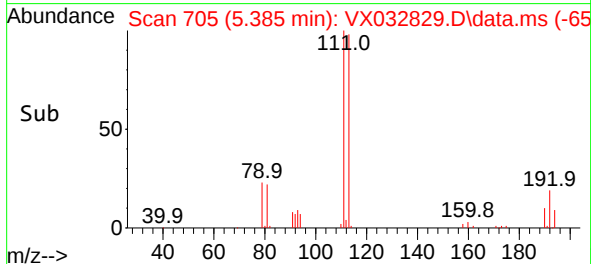
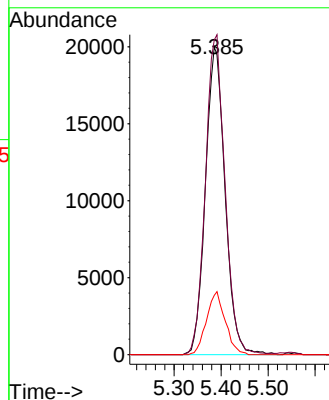
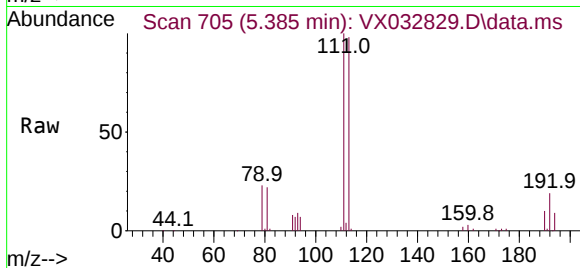
Tgt Ion:113 Resp: 58067

Ion Ratio Lower Upper

113 100

111 103.7 82.4 123.6

192 19.5 15.4 23.2



#39

Methylcyclohexane

Concen: 0.670 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX032829.D

Acq: 15 Nov 2022 17:44

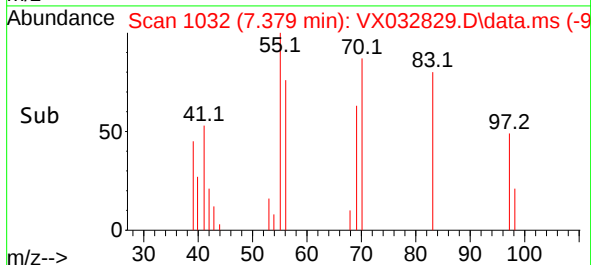
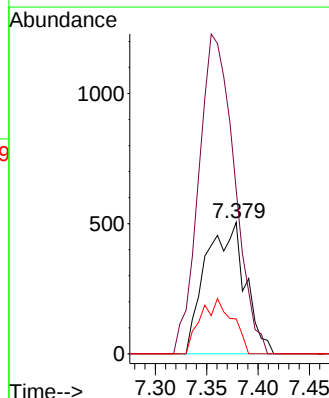
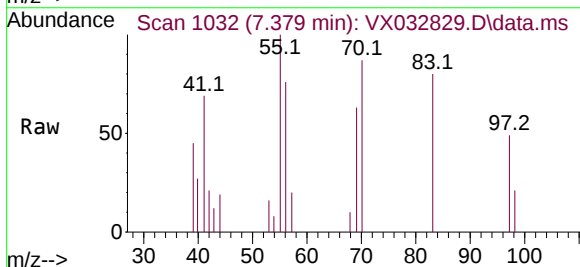
Tgt Ion: 83 Resp: 1355

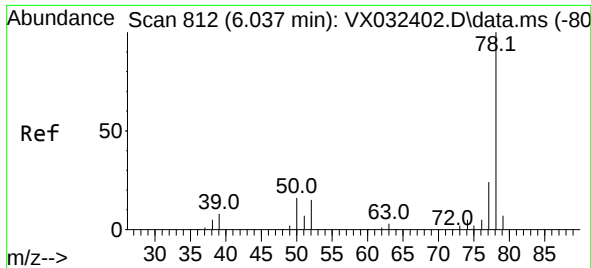
Ion Ratio Lower Upper

83 100

55 124.8 58.4 87.6#

98 26.5 37.2 55.8#

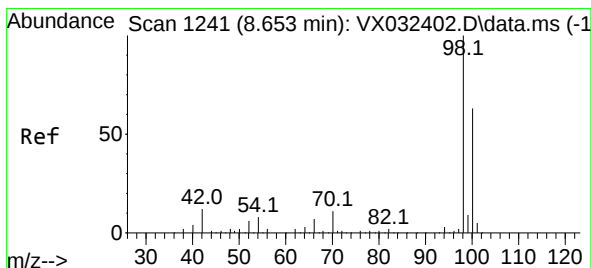
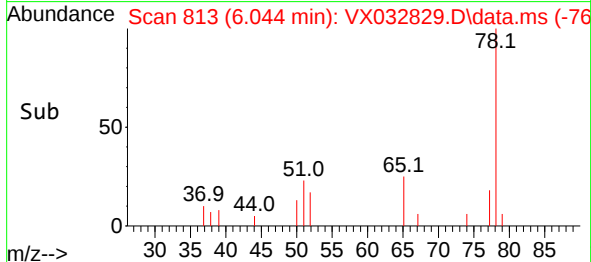
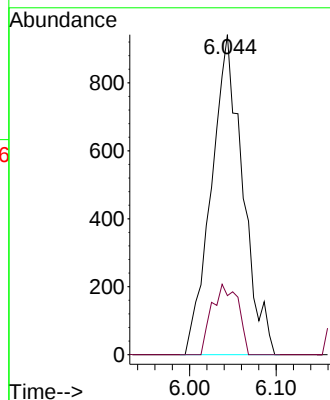
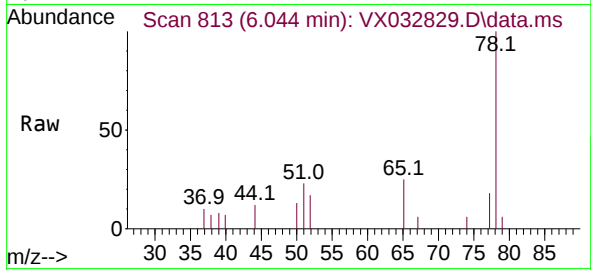




#40
Benzene
Concen: 0.491 ug/l
RT: 6.044 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX032829.D
Acq: 15 Nov 2022 17:44

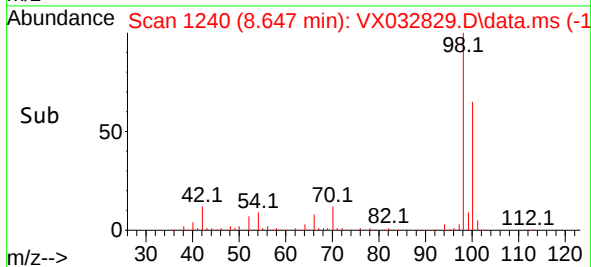
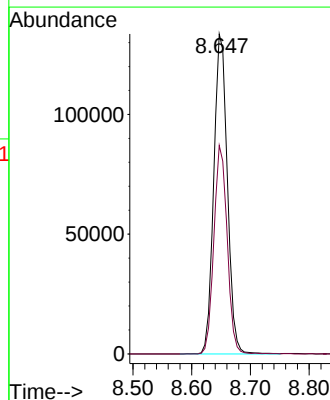
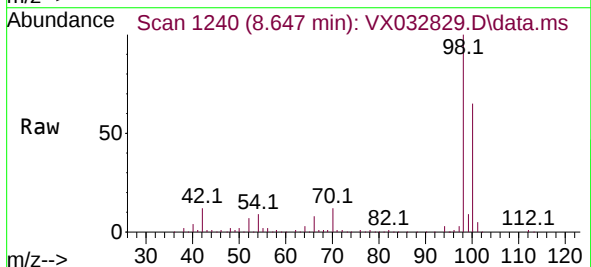
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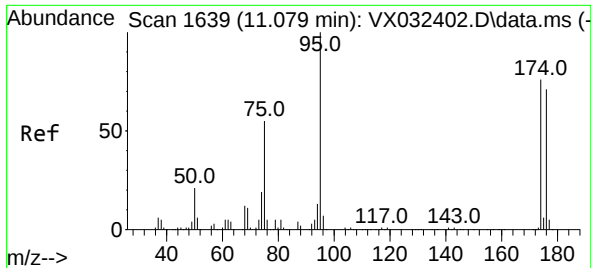
Tgt Ion: 78 Resp: 2376
Ion Ratio Lower Upper
78 100
77 18.5 19.0 28.4#



#50
Toluene-d8
Concen: 50.298 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032829.D
Acq: 15 Nov 2022 17:44

Tgt Ion: 98 Resp: 214727
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3

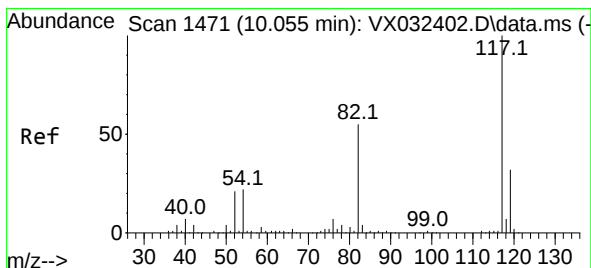
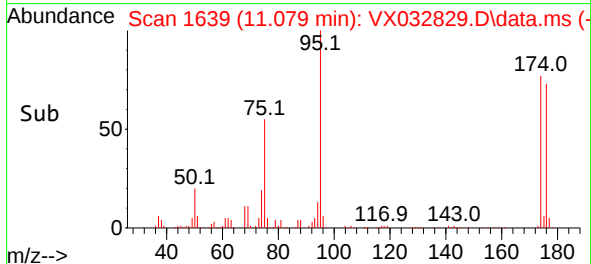
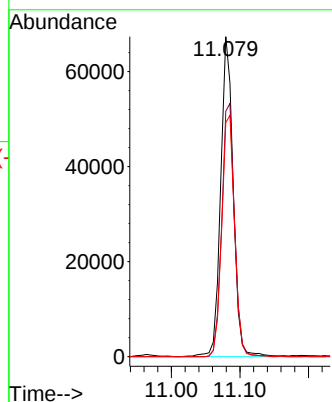
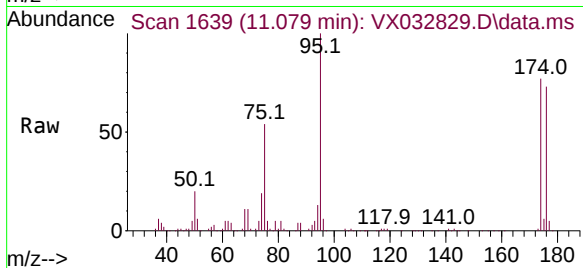




#62
4-Bromofluorobenzene
Concen: 51.439 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032829.D
Acq: 15 Nov 2022 17:44

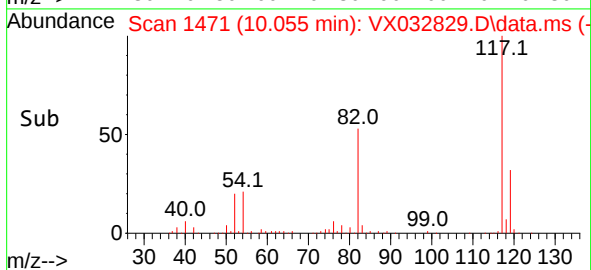
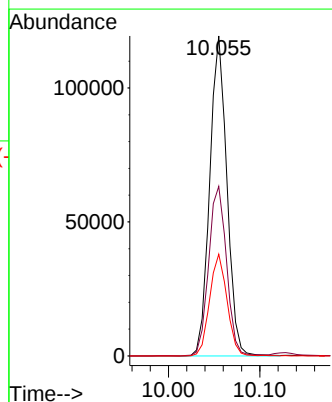
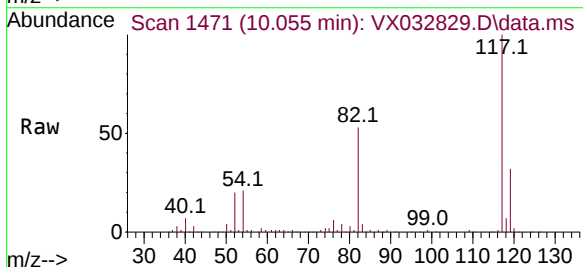
Instrument :
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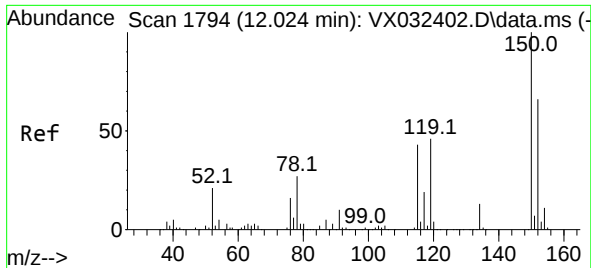
Tgt Ion: 95 Resp: 85780
Ion Ratio Lower Upper
95 100
174 80.6 0.0 164.0
176 77.2 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032829.D
Acq: 15 Nov 2022 17:44

Tgt Ion: 117 Resp: 156239
Ion Ratio Lower Upper
117 100
82 53.0 44.3 66.5
119 31.8 25.7 38.5

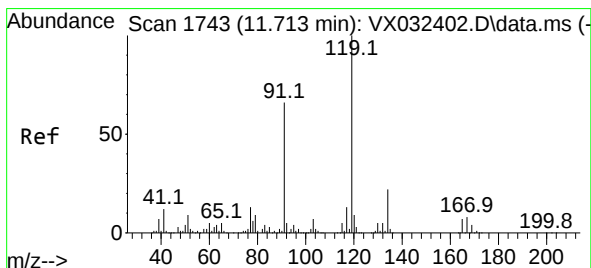
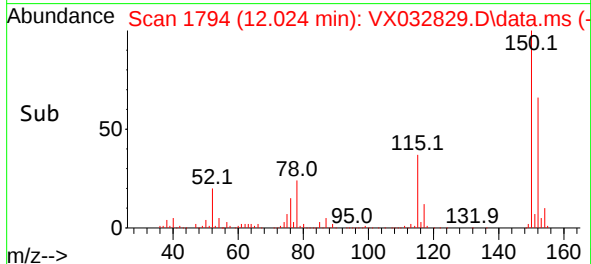
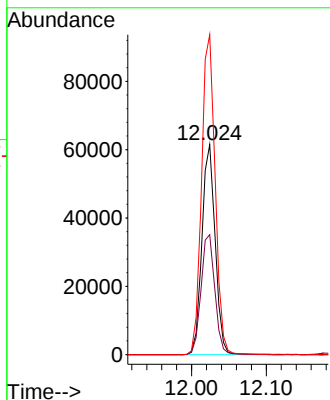
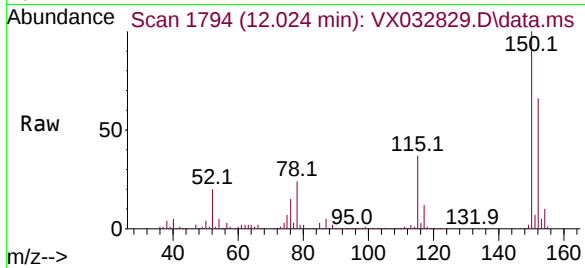




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032829.D
Acq: 15 Nov 2022 17:44

Instrument :
MSVOA_X
ClientSampleId :
MW-24

Tgt Ion:152 Resp: 75557
Ion Ratio Lower Upper
152 100
115 59.6 44.0 132.0
150 156.0 0.0 351.8



#83
tert-Butylbenzene
Concen: 0.344 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.006 min
Lab File: VX032829.D
Acq: 15 Nov 2022 17:44

Tgt Ion:119 Resp: 1757
Ion Ratio Lower Upper
119 100
91 70.6 29.4 88.2
134 24.7 11.0 33.0

