

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012723\
 Data File : VX033932.D
 Acq On : 27 Jan 2023 13:05
 Operator : JC/MD
 Sample : 01327-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 N48965

Quant Time: Jan 28 03:05:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

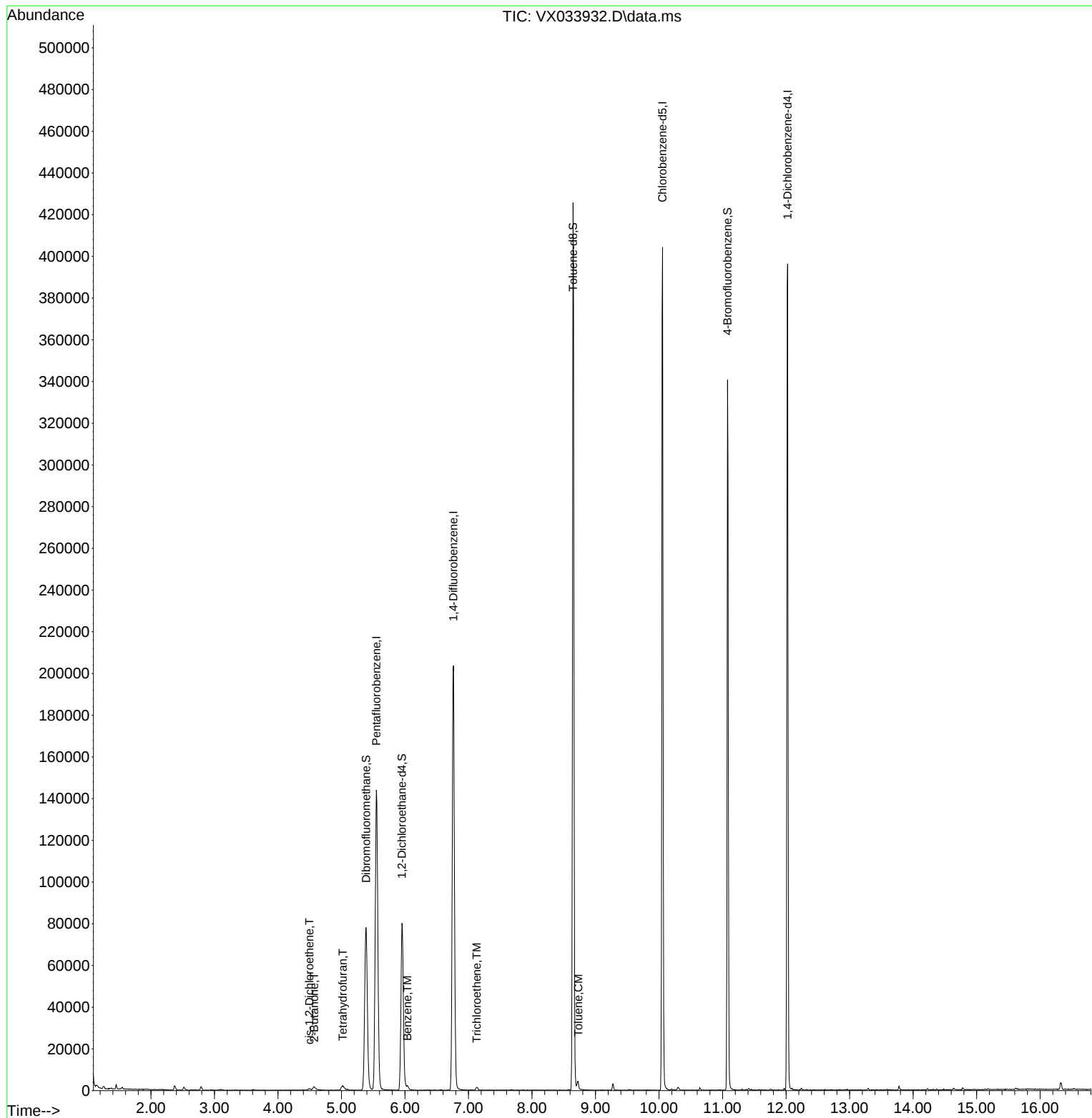
Internal Standards						
1) Pentafluorobenzene	5.550	168	159832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	226387	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94346	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75391	44.799	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.600%
35) Dibromofluoromethane	5.385	113	70199	49.937	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.880%
50) Toluene-d8	8.647	98	256883	50.154	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.300%
62) 4-Bromofluorobenzene	11.079	95	88375	46.473	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.940%
Target Compounds						
					Qvalue	
25) 2-Butanone	4.568	43	3118	2.836	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	681	0.390	ug/l	79
29) Tetrahydrofuran	5.019	42	2213	3.193	ug/l	95
40) Benzene	6.037	78	2257	0.377	ug/l	94
44) Trichloroethene	7.129	130	755	0.451	ug/l	87
52) Toluene	8.726	92	1917	0.496	ug/l	99

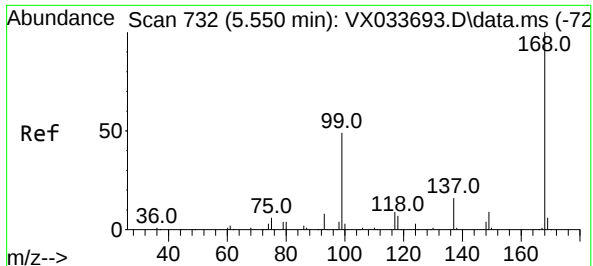
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

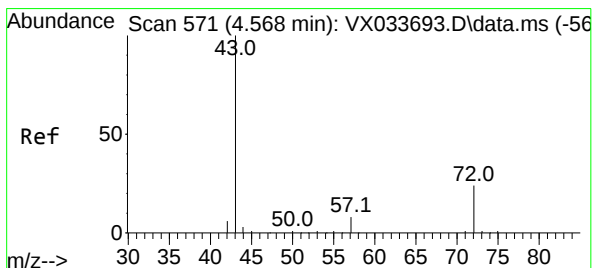
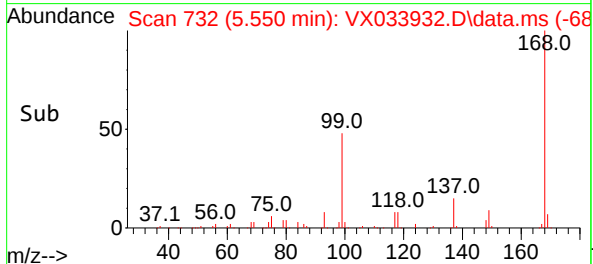
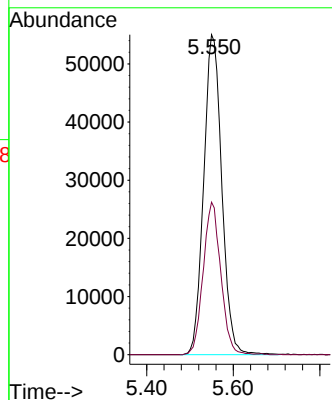
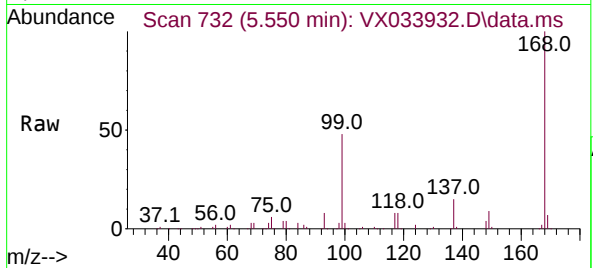




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033932.D
Acq: 27 Jan 2023 13:05

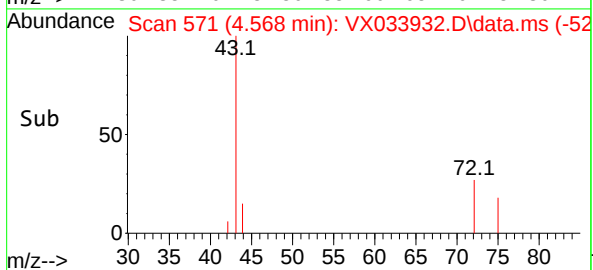
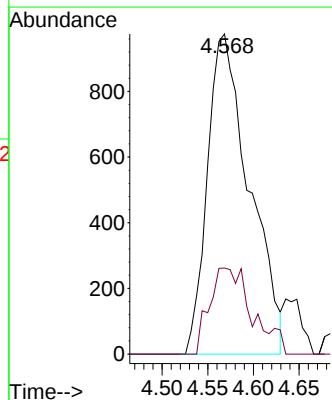
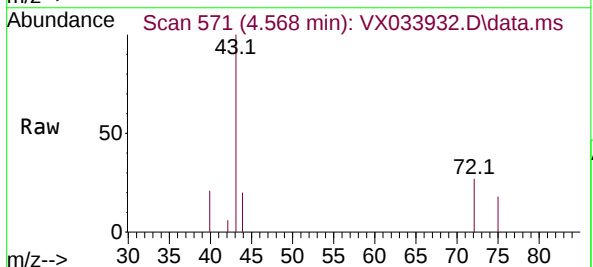
Instrument :
MSVOA_X
ClientSampleId :
N48965

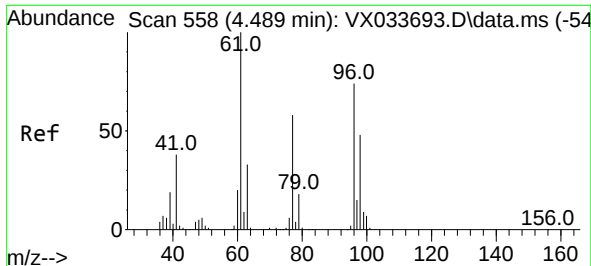
Tgt Ion:168 Resp: 159832
Ion Ratio Lower Upper
168 100
99 47.6 39.6 59.4



#25
2-Butanone
Concen: 2.836 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.000 min
Lab File: VX033932.D
Acq: 27 Jan 2023 13:05

Tgt Ion: 43 Resp: 3118
Ion Ratio Lower Upper
43 100
72 26.9 19.4 29.2





#27

cis-1,2-Dichloroethene

Concen: 0.390 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX033932.D

Acq: 27 Jan 2023 13:05

Instrument :

MSVOA_X

ClientSampleId :

N48965

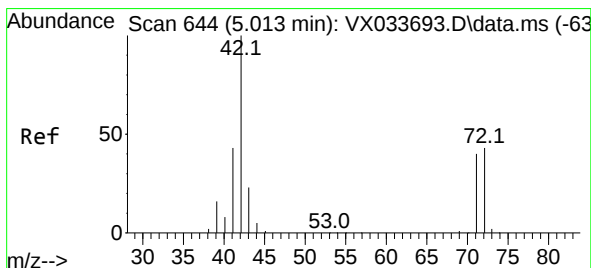
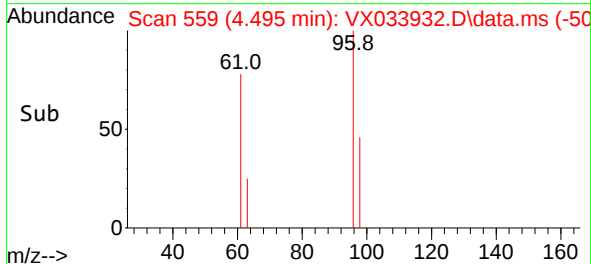
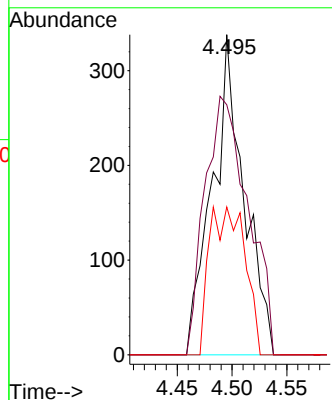
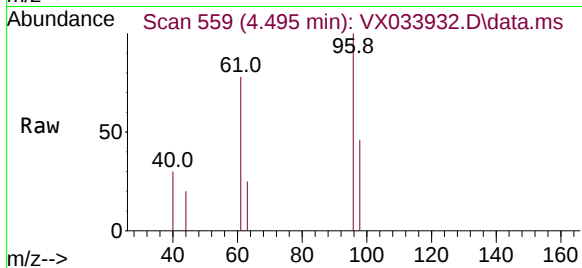
Tgt Ion: 96 Resp: 681

Ion Ratio Lower Upper

96 100

61 109.8 0.0 277.6

98 51.8 0.0 128.0



#29

Tetrahydrofuran

Concen: 3.193 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.006 min

Lab File: VX033932.D

Acq: 27 Jan 2023 13:05

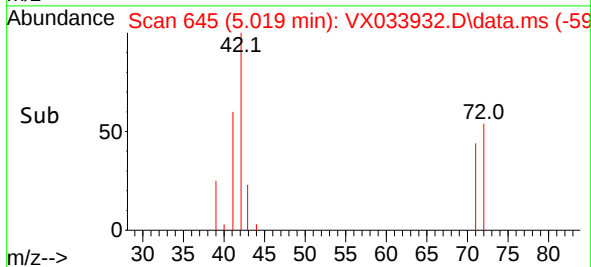
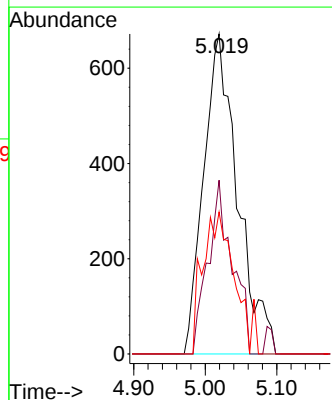
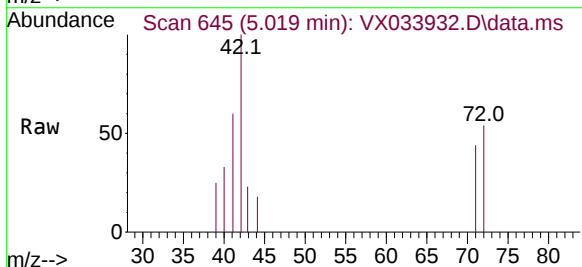
Tgt Ion: 42 Resp: 2213

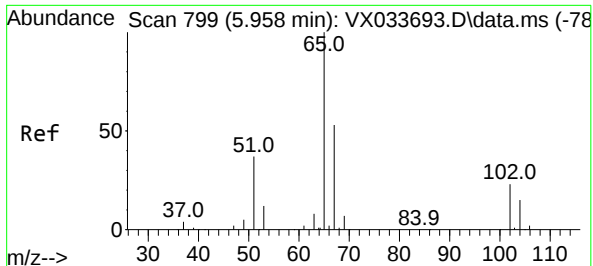
Ion Ratio Lower Upper

42 100

72 39.1 34.8 52.2

71 41.8 32.2 48.2





#33

1,2-Dichloroethane-d4

Concen: 44.799 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033932.D

Acq: 27 Jan 2023 13:05

Instrument :

MSVOA_X

ClientSampleId :

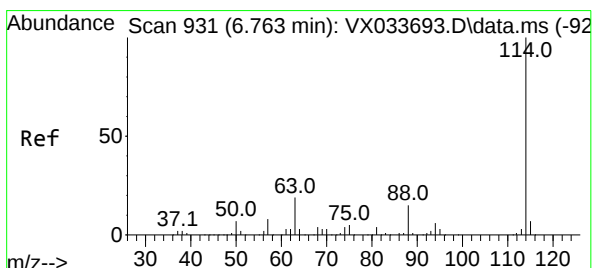
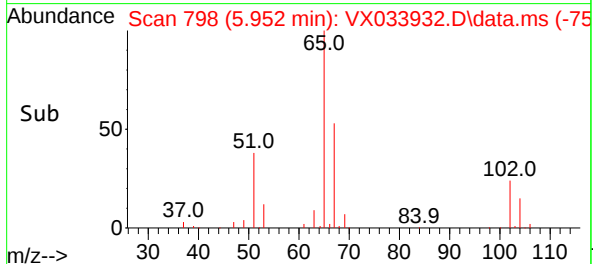
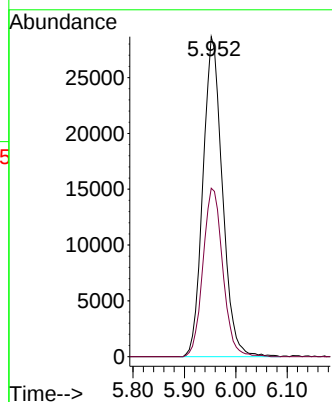
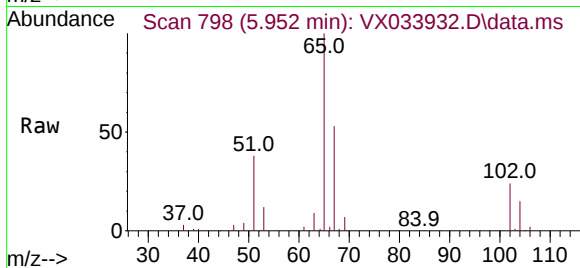
N48965

Tgt Ion: 65 Resp: 75391

Ion Ratio Lower Upper

65 100

67 53.5 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033932.D

Acq: 27 Jan 2023 13:05

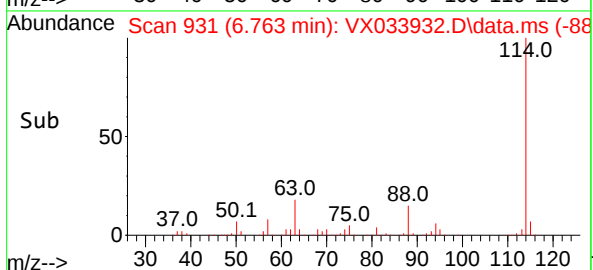
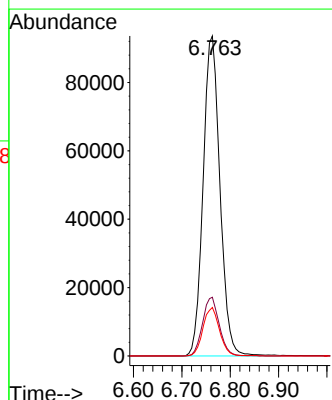
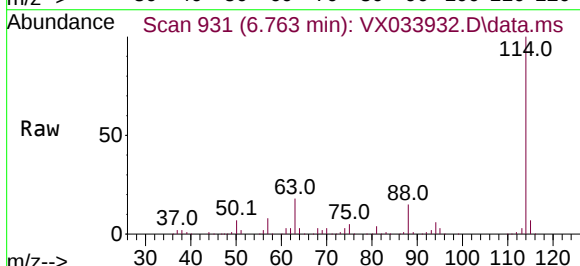
Tgt Ion: 114 Resp: 226387

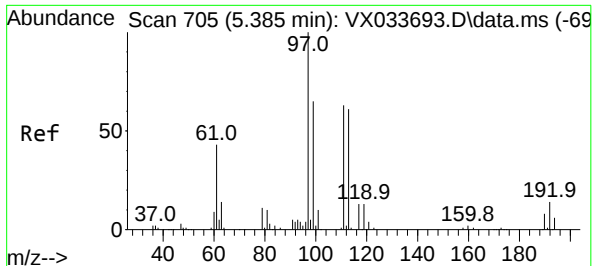
Ion Ratio Lower Upper

114 100

63 18.3 0.0 37.4

88 15.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.937 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX033932.D

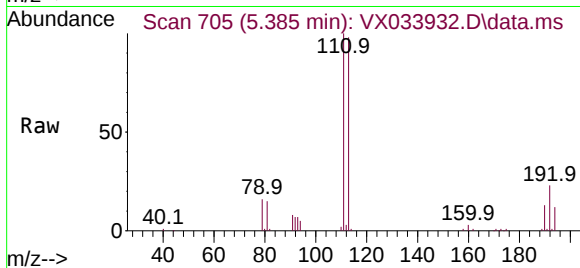
Acq: 27 Jan 2023 13:05

Instrument :

MSVOA_X

ClientSampleId :

N48965



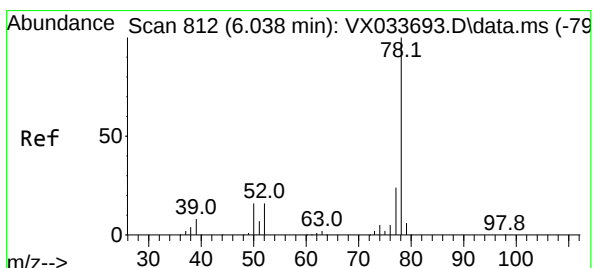
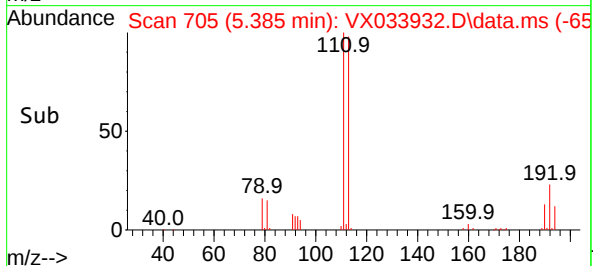
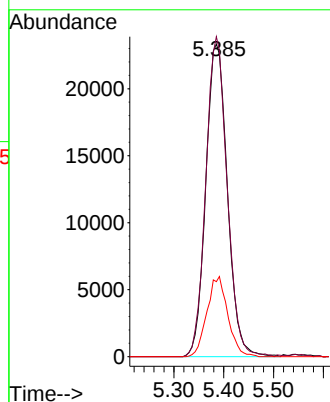
Tgt Ion:113 Resp: 70199

Ion Ratio Lower Upper

113 100

111 100.9 83.0 124.6

192 24.8 19.0 28.4



#40

Benzene

Concen: 0.377 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX033932.D

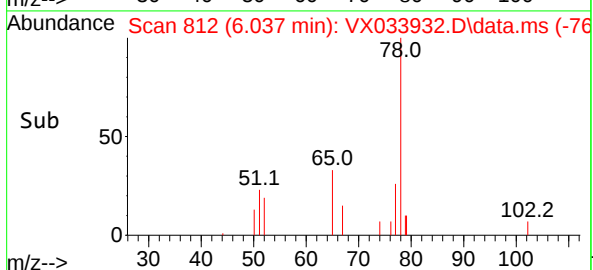
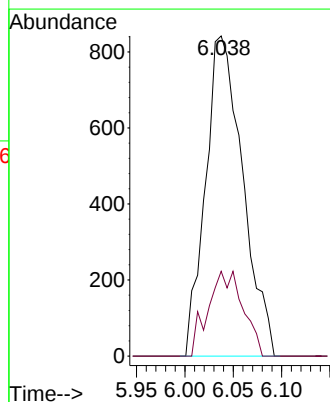
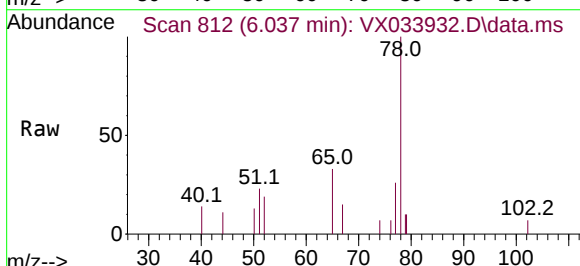
Acq: 27 Jan 2023 13:05

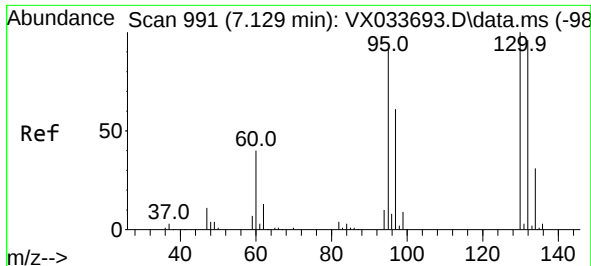
Tgt Ion: 78 Resp: 2257

Ion Ratio Lower Upper

78 100

77 26.5 19.0 28.4

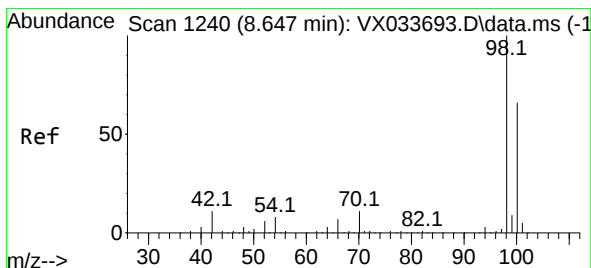
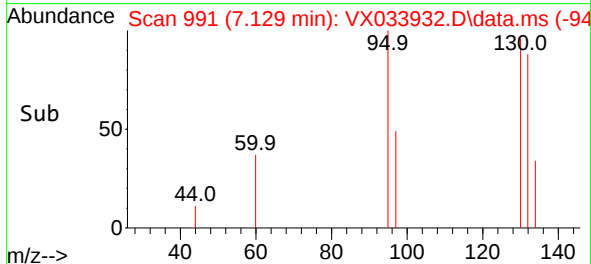
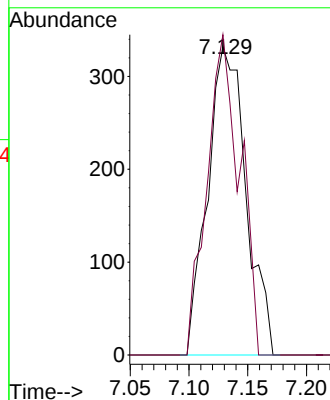
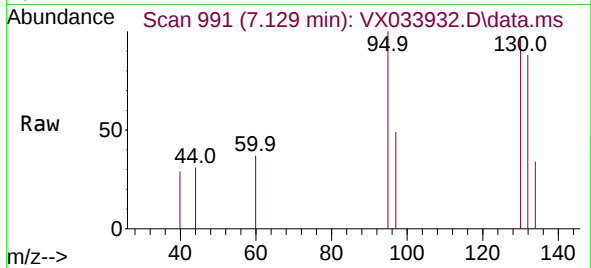




#44
Trichloroethene
Concen: 0.451 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX033932.D
Acq: 27 Jan 2023 13:05

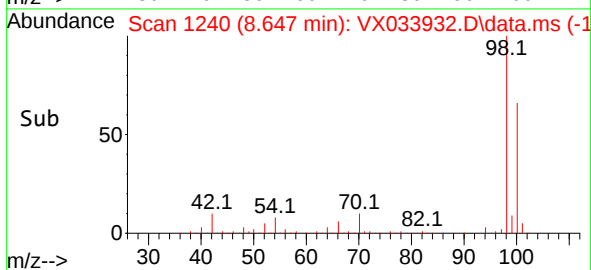
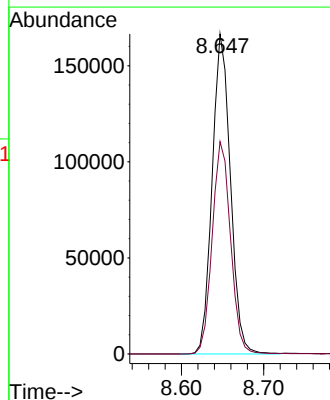
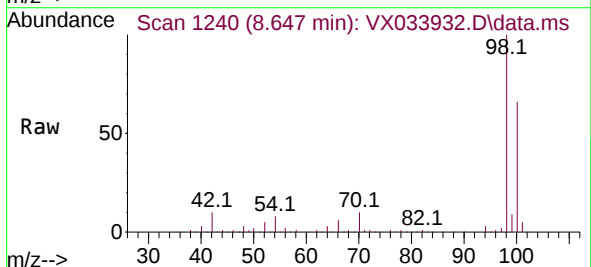
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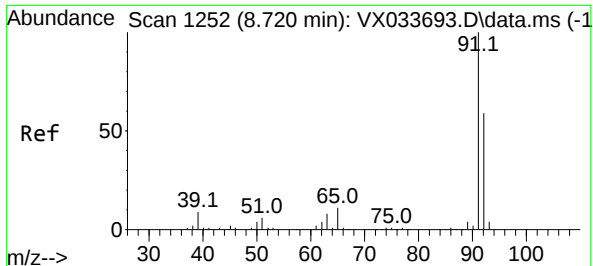
Tgt Ion:130 Resp: 755
Ion Ratio Lower Upper
130 100
95 103.9 0.0 182.6



#50
Toluene-d8
Concen: 50.154 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033932.D
Acq: 27 Jan 2023 13:05

Tgt Ion: 98 Resp: 256883
Ion Ratio Lower Upper
98 100
100 66.9 53.6 80.4





#52

Toluene

Concen: 0.496 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX033932.D

Acq: 27 Jan 2023 13:05

Instrument :

MSVOA_X

ClientSampleId :

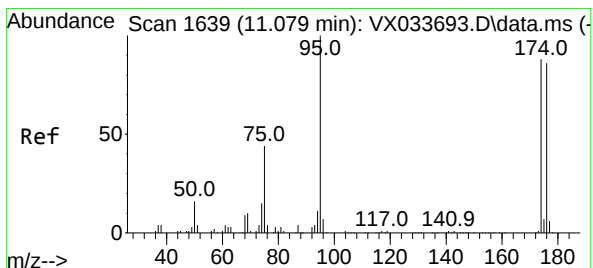
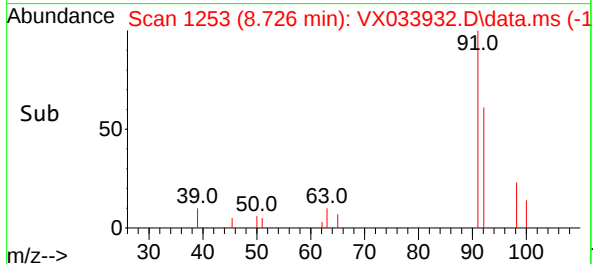
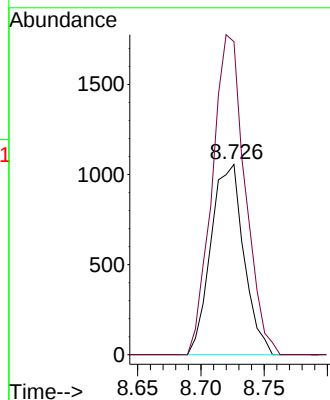
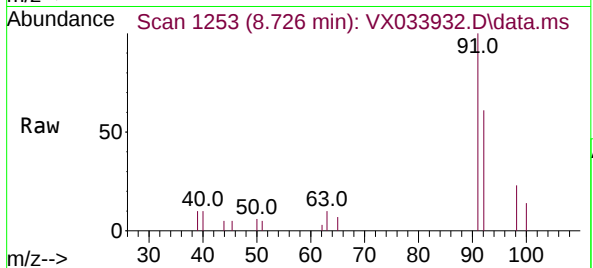
N48965

Tgt Ion: 92 Resp: 1917

Ion Ratio Lower Upper

92 100

91 167.8 135.5 203.3



#62

4-Bromofluorobenzene

Concen: 46.473 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX033932.D

Acq: 27 Jan 2023 13:05

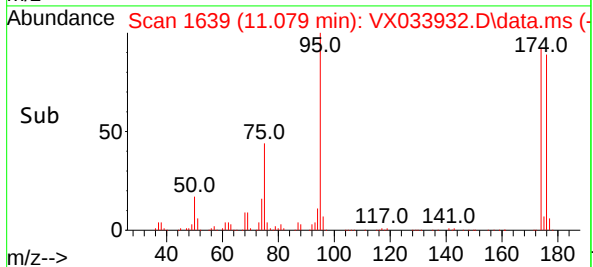
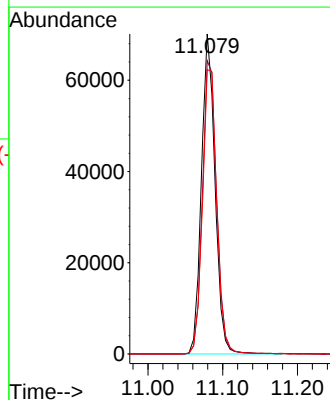
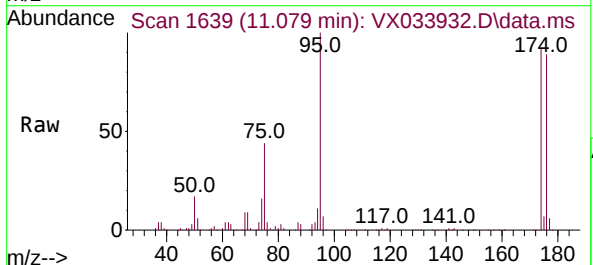
Tgt Ion: 95 Resp: 88375

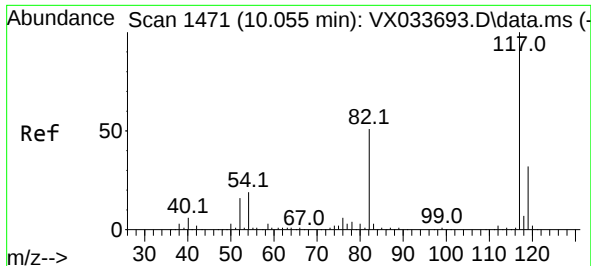
Ion Ratio Lower Upper

95 100

174 96.0 0.0 184.4

176 93.7 0.0 178.8

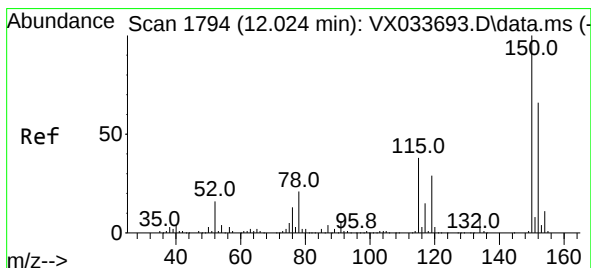
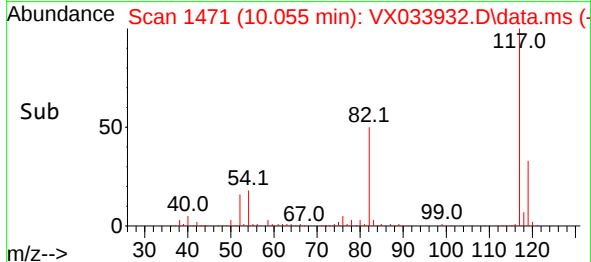
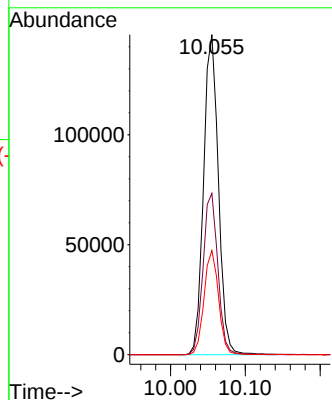
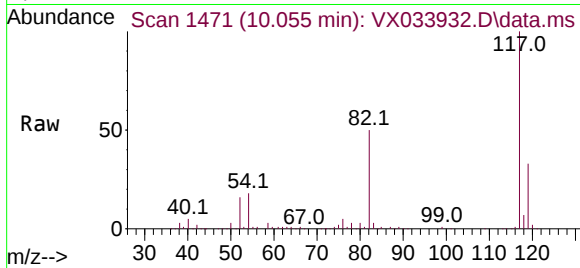




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033932.D
Acq: 27 Jan 2023 13:05

Instrument :
MSVOA_X
ClientSampleId :
N48965

Tgt Ion:117 Resp: 200278
Ion Ratio Lower Upper
117 100
82 50.4 40.6 60.8
119 32.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033932.D
Acq: 27 Jan 2023 13:05

Tgt Ion:152 Resp: 94346
Ion Ratio Lower Upper
152 100
115 53.3 38.7 116.1
150 157.4 0.0 348.2

