

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072723\
 Data File : VX036673.D
 Acq On : 27 Jul 2023 13:52
 Operator : JC/MD
 Sample : 03771-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PATERSON-GSMP-COMP

Quant Time: Jul 28 06:11:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

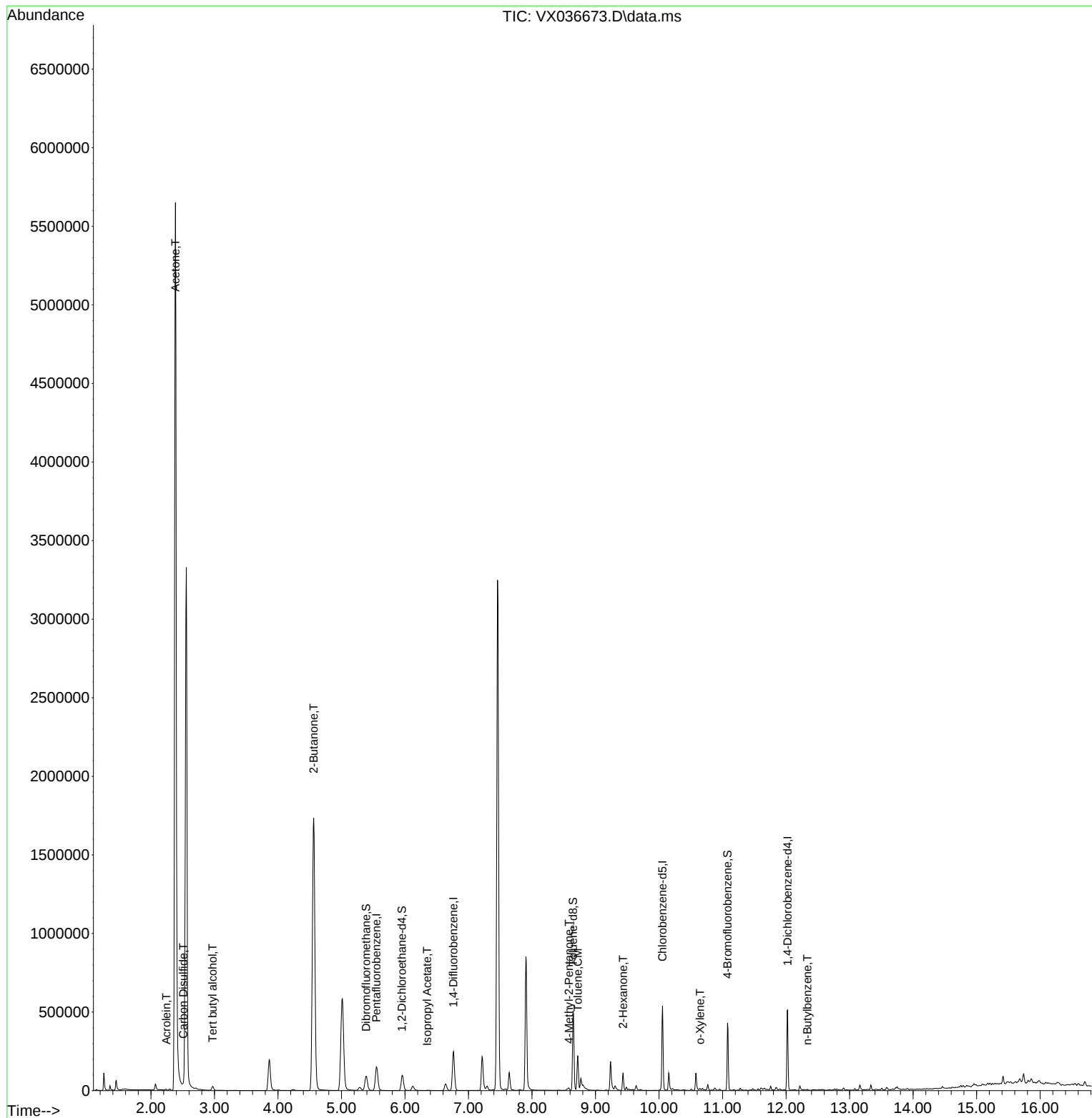
Internal Standards						
1) Pentafluorobenzene	5.550	168	140261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	250313	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93802	45.198	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.400%
35) Dibromofluoromethane	5.385	113	79555	46.239	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.480%
50) Toluene-d8	8.647	98	301363	49.393	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.780%
62) 4-Bromofluorobenzene	11.079	95	115534	50.190	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.380%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.971	59	31353	63.812	ug/l #	91
13) Acrolein	2.239	56	4755	16.958	ug/l	92
16) Acetone	2.386	43	6439410	7477.262	ug/l #	82
17) Carbon Disulfide	2.508	76	27927	6.443	ug/l	99
25) 2-Butanone	4.562	43	3015258	2158.001	ug/l	91
43) Isopropyl Acetate	6.348	43	1965	0.393	ug/l #	82
51) 4-Methyl-2-Pentanone	8.580	43	11420	4.130	ug/l	92
52) Toluene	8.720	92	70507	15.082	ug/l	97
59) 2-Hexanone	9.433	43	55688	27.138	ug/l	94
69) o-Xylene	10.646	106	960	0.272	ug/l	96
89) n-Butylbenzene	12.335	91	1521	0.226	ug/l	91

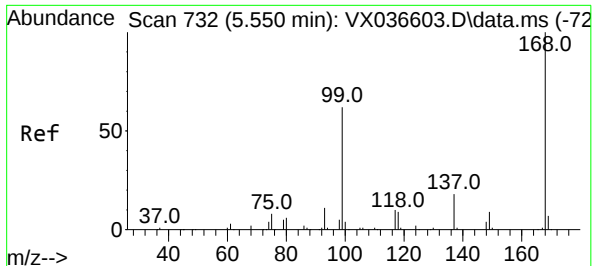
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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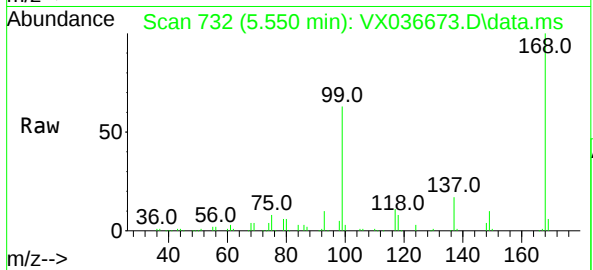
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
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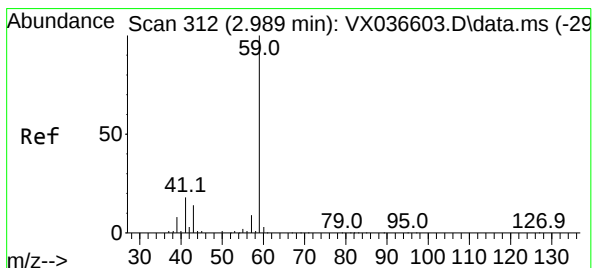
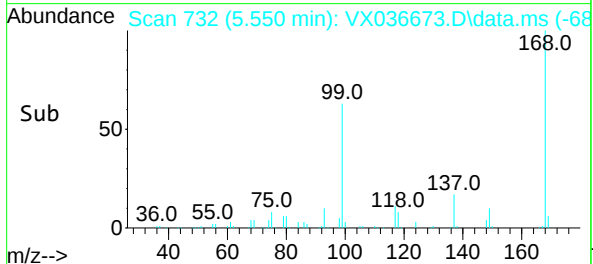
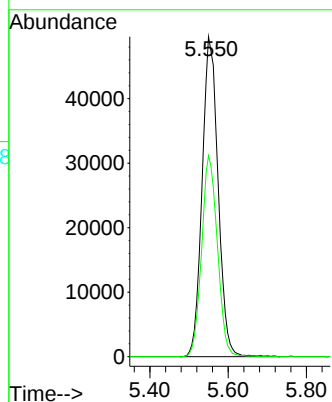


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036673.D
Acq: 27 Jul 2023 13:52

Instrument :
MSVOA_X
ClientSampleId :
PATERSON-GSMP-COMP

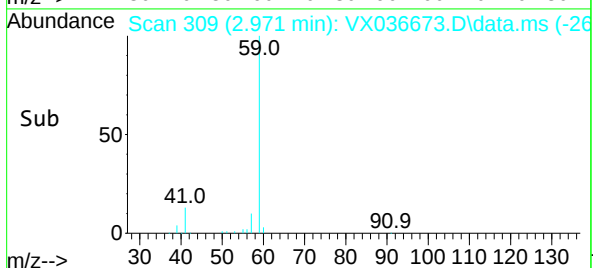
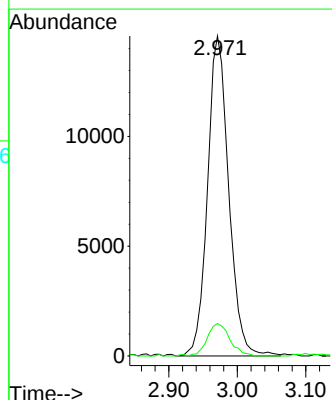
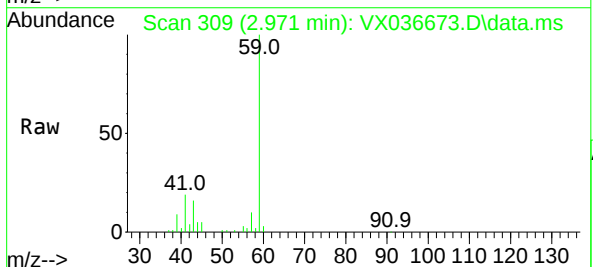


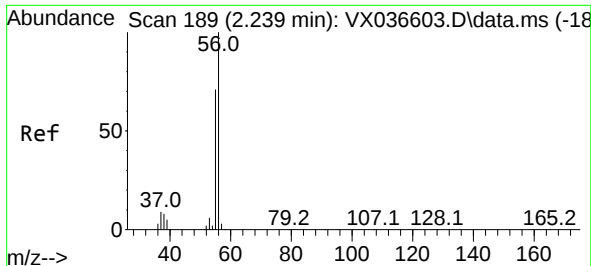
Tgt Ion:168 Resp: 140261
Ion Ratio Lower Upper
168 100
99 62.8 56.6 85.0



#11
Tert butyl alcohol
Concen: 63.812 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.018 min
Lab File: VX036673.D
Acq: 27 Jul 2023 13:52

Tgt Ion: 59 Resp: 31353
Ion Ratio Lower Upper
59 100
57 10.8 6.0 9.0#





#13

Acrolein

Concen: 16.958 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036673.D

Acq: 27 Jul 2023 13:52

Instrument :

MSVOA_X

ClientSampleId :

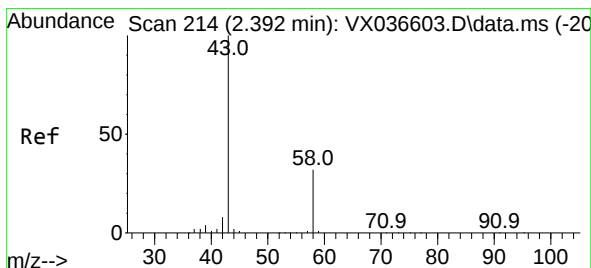
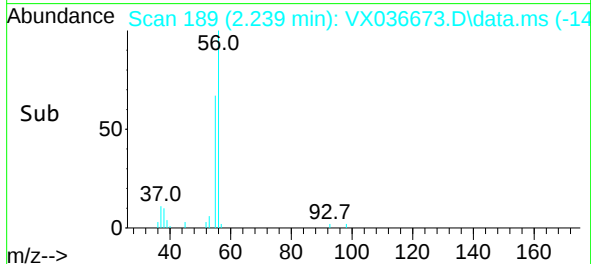
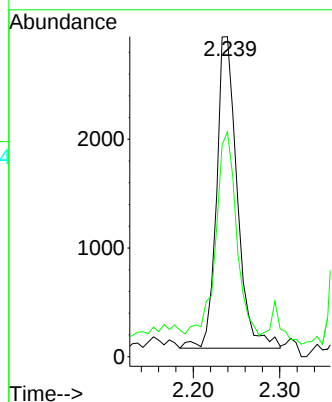
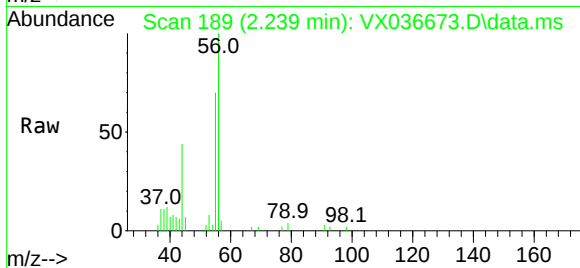
PATERSON-GSMP-COMP

Tgt Ion: 56 Resp: 4755

Ion Ratio Lower Upper

56 100

55 64.6 57.1 85.7



#16

Acetone

Concen: 7477.262 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX036673.D

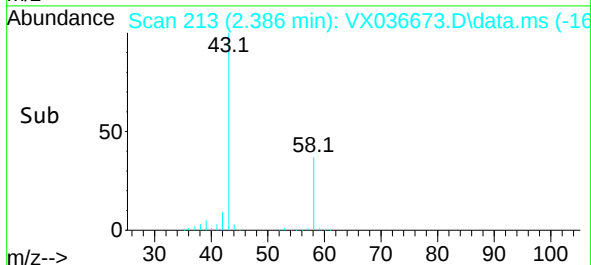
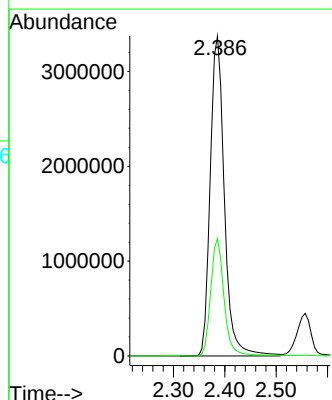
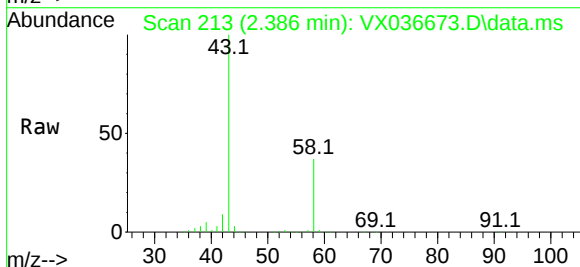
Acq: 27 Jul 2023 13:52

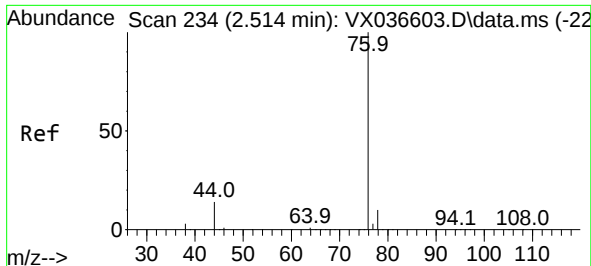
Tgt Ion: 43 Resp: 6439410

Ion Ratio Lower Upper

43 100

58 36.7 21.9 32.9#





#17

Carbon Disulfide

Concen: 6.443 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX036673.D

Acq: 27 Jul 2023 13:52

Instrument :

MSVOA_X

ClientSampleId :

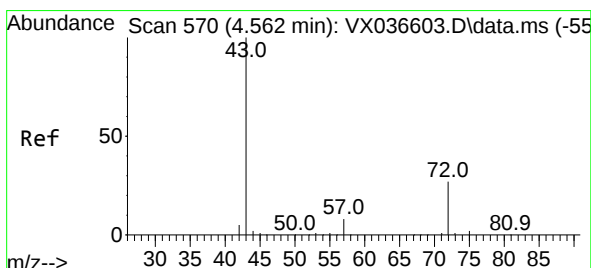
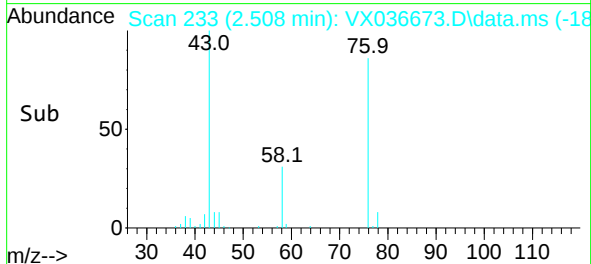
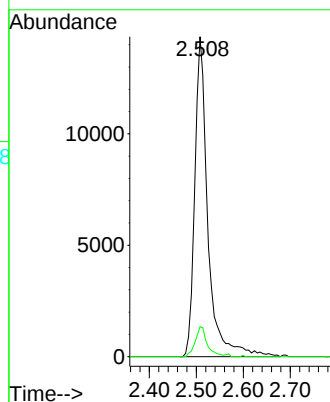
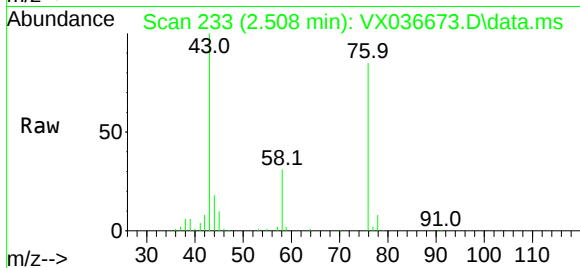
PATERSON-GSMP-COMP

Tgt Ion: 76 Resp: 27927

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6



#25

2-Butanone

Concen: 2158.001 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.000 min

Lab File: VX036673.D

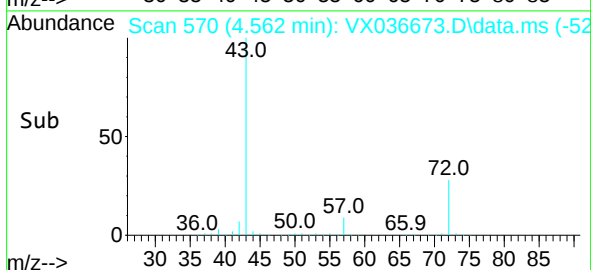
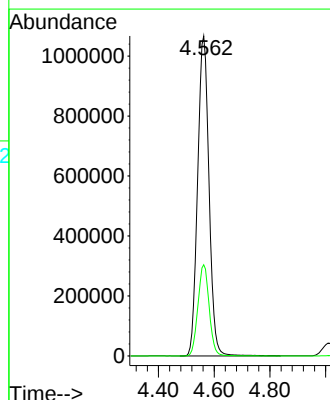
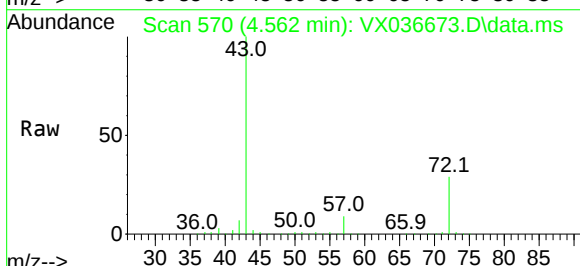
Acq: 27 Jul 2023 13:52

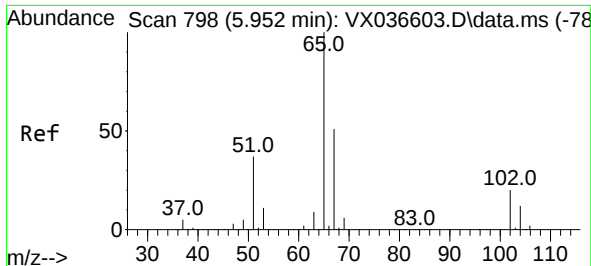
Tgt Ion: 43 Resp: 3015258

Ion Ratio Lower Upper

43 100

72 28.5 19.4 29.2

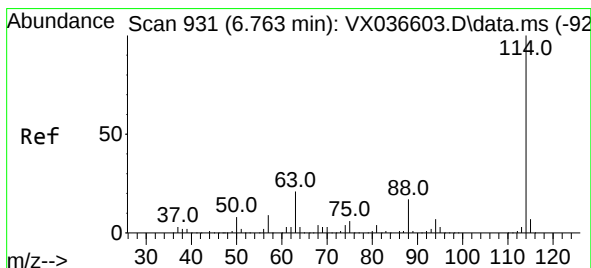
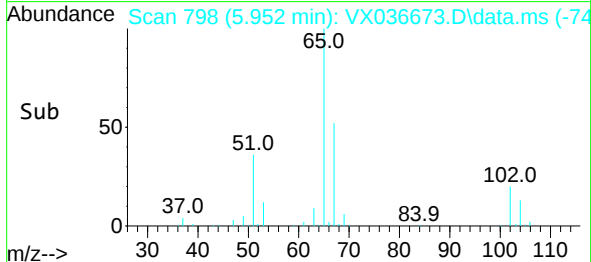
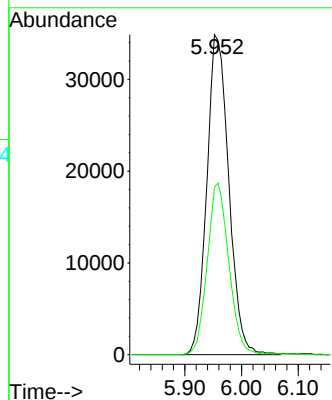
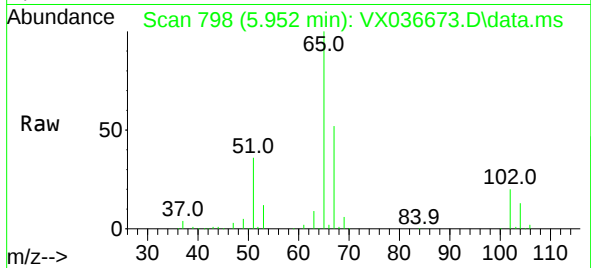




#33
 1,2-Dichloroethane-d4
 Concen: 45.198 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX036673.D
 Acq: 27 Jul 2023 13:52

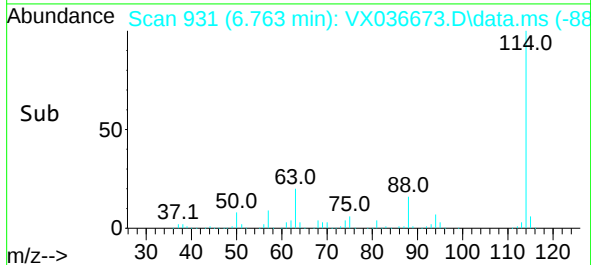
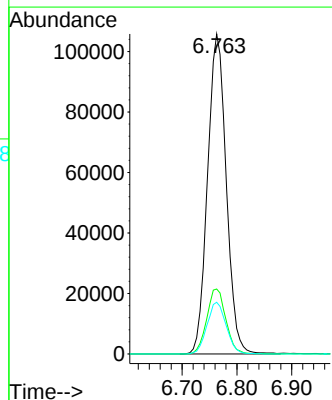
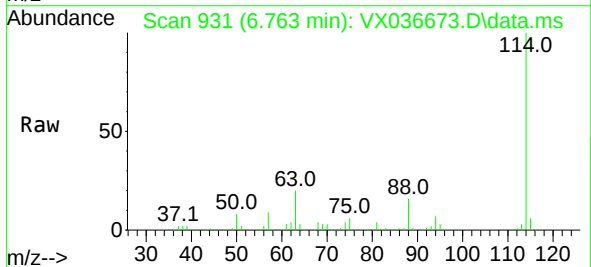
Instrument :
 MSVOA_X
 ClientSampleId :
 PATERSON-GSMP-COMP

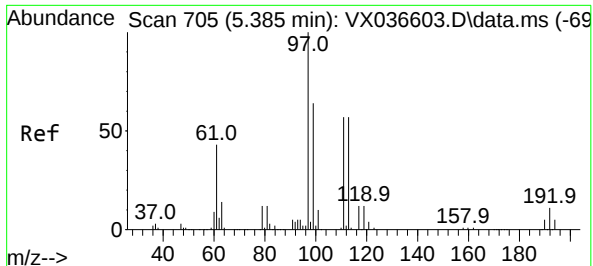
Tgt Ion: 65 Resp: 93802
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX036673.D
 Acq: 27 Jul 2023 13:52

Tgt Ion: 114 Resp: 250313
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 45.0
 88 16.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.239 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036673.D

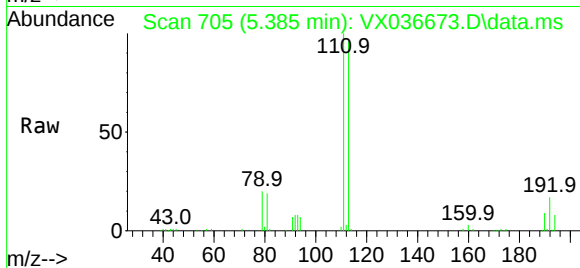
Acq: 27 Jul 2023 13:52

Instrument :

MSVOA_X

ClientSampleId :

PATERSON-GSMP-COMP



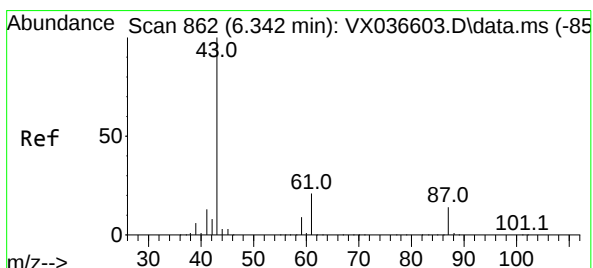
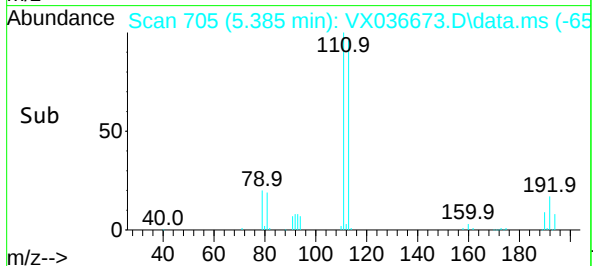
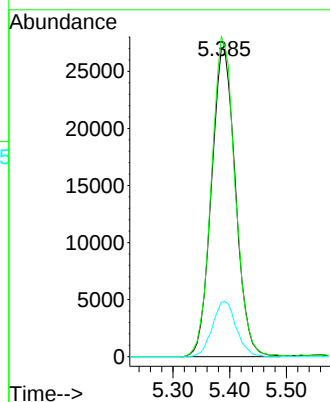
Tgt Ion:113 Resp: 79555

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

192 17.8 13.3 19.9



#43

Isopropyl Acetate

Concen: 0.393 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX036673.D

Acq: 27 Jul 2023 13:52

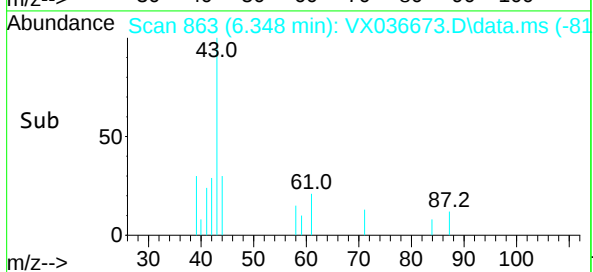
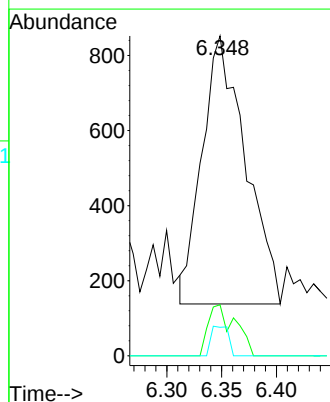
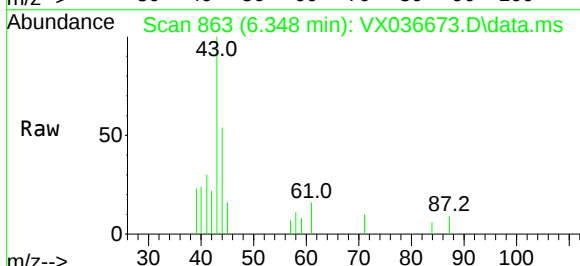
Tgt Ion: 43 Resp: 1965

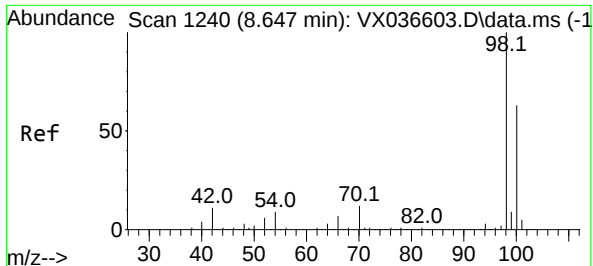
Ion Ratio Lower Upper

43 100

61 11.9 15.2 22.8#

87 4.3 9.8 14.6#





#50

Toluene-d8

Concen: 49.393 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036673.D

Acq: 27 Jul 2023 13:52

Instrument :

MSVOA_X

ClientSampleId :

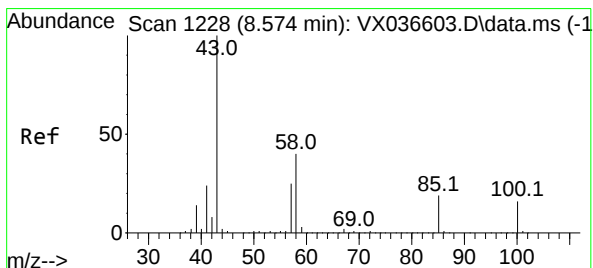
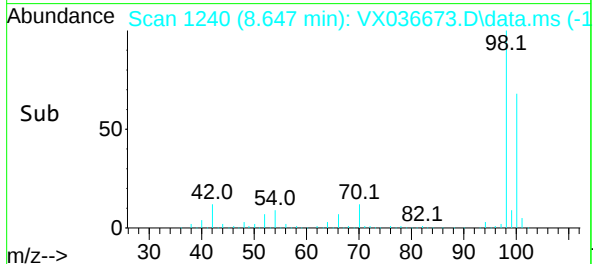
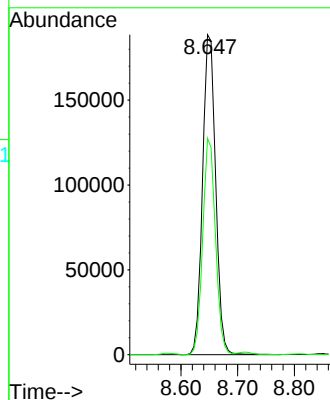
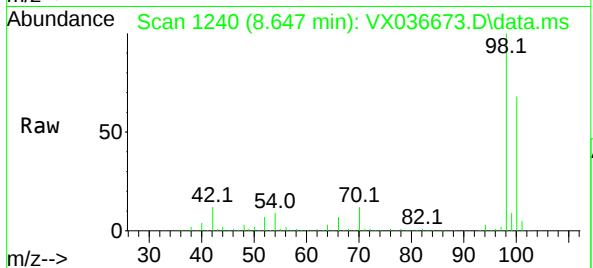
PATERSON-GSMP-COMP

Tgt Ion: 98 Resp: 301363

Ion Ratio Lower Upper

98 100

100 65.7 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 4.130 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX036673.D

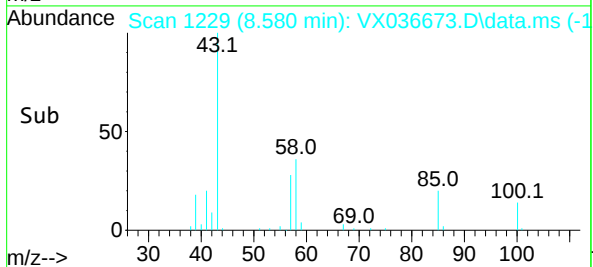
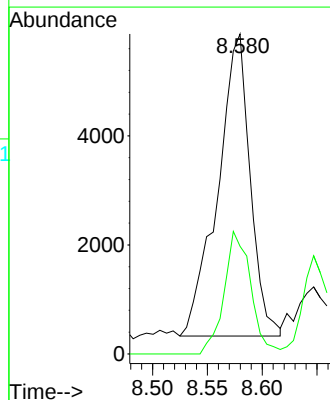
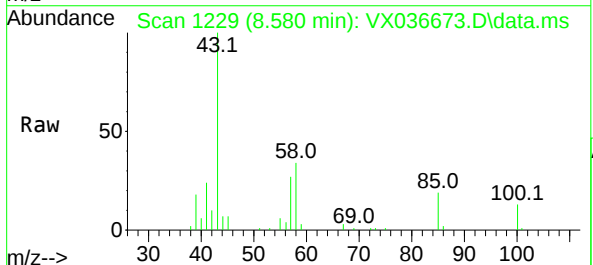
Acq: 27 Jul 2023 13:52

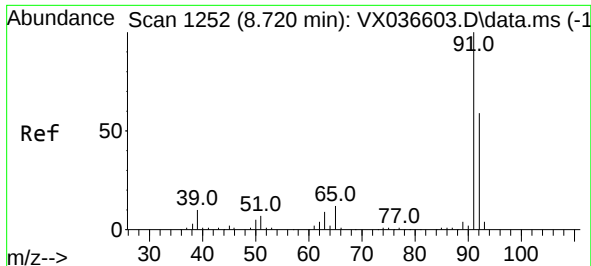
Tgt Ion: 43 Resp: 11420

Ion Ratio Lower Upper

43 100

58 33.3 30.4 45.6

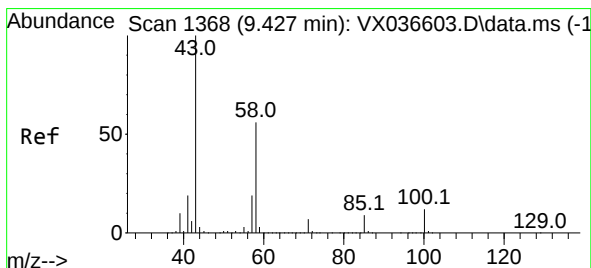
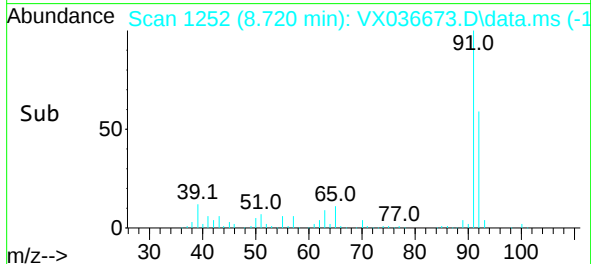
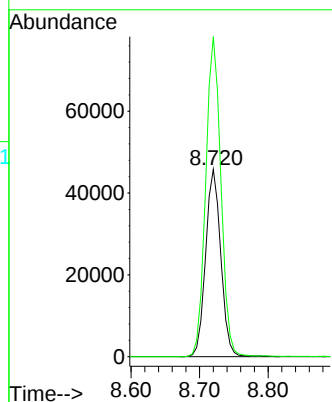
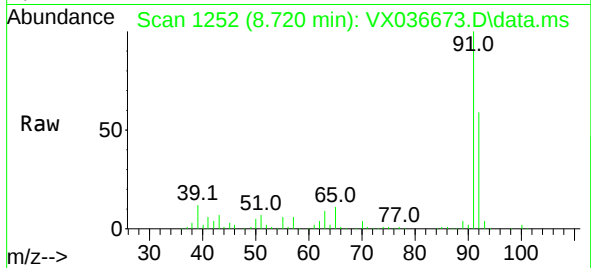




#52
Toluene
Concen: 15.082 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036673.D
Acq: 27 Jul 2023 13:52

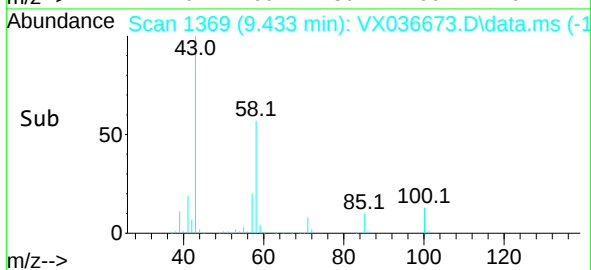
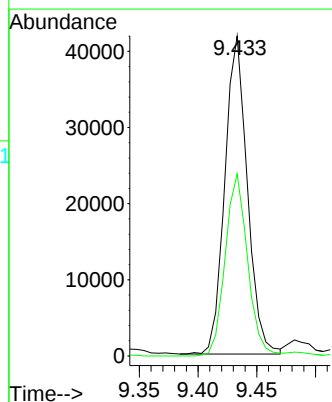
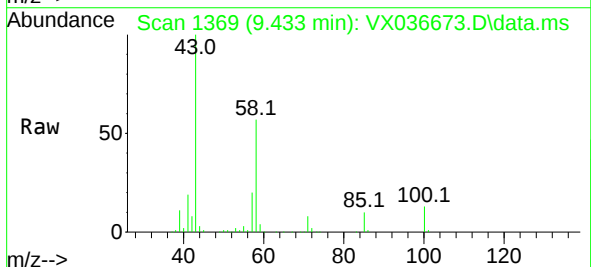
Instrument :
MSVOA_X
ClientSampleId :
PATERSON-GSMP-COMP

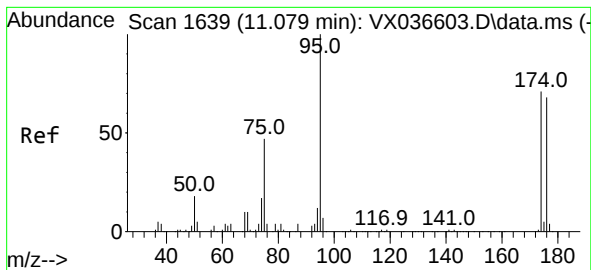
Tgt Ion: 92 Resp: 70507
Ion Ratio Lower Upper
92 100
91 171.1 134.2 201.2



#59
2-Hexanone
Concen: 27.138 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX036673.D
Acq: 27 Jul 2023 13:52

Tgt Ion: 43 Resp: 55688
Ion Ratio Lower Upper
43 100
58 56.8 26.2 78.5

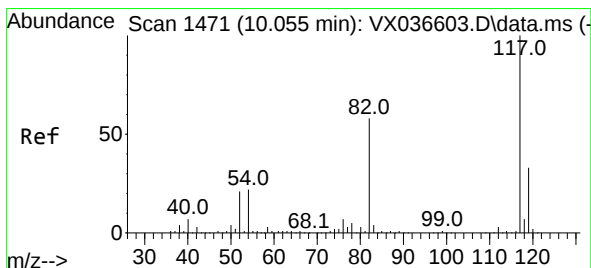
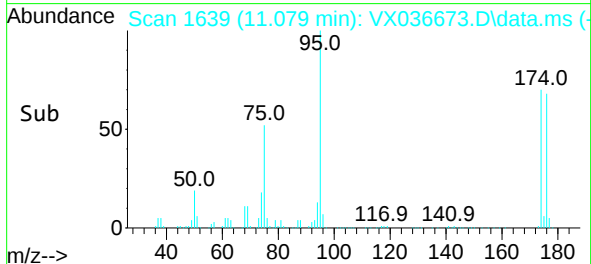
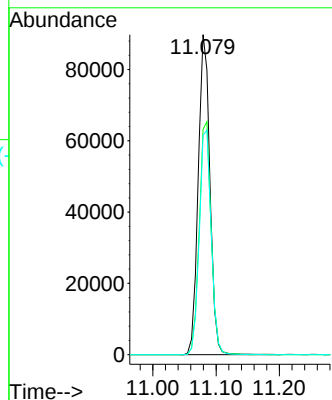
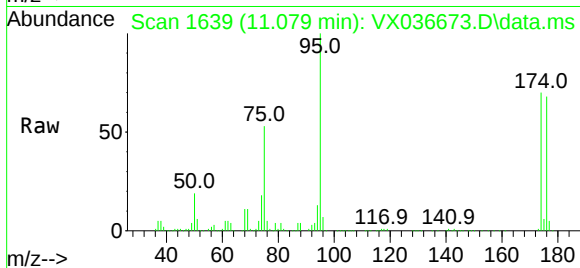




#62
4-Bromofluorobenzene
Concen: 50.190 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036673.D
Acq: 27 Jul 2023 13:52

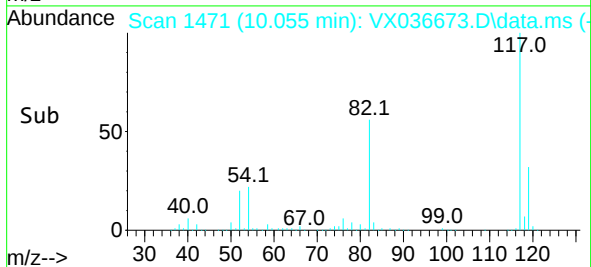
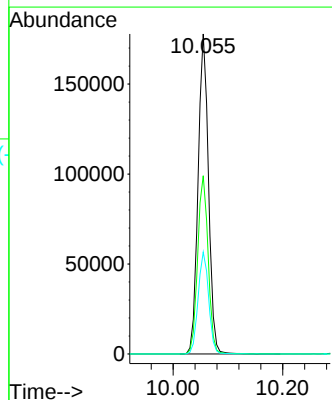
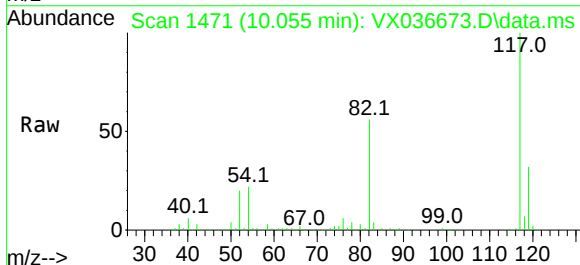
Instrument :
MSVOA_X
ClientSampleId :
PATERSON-GSMP-COMP

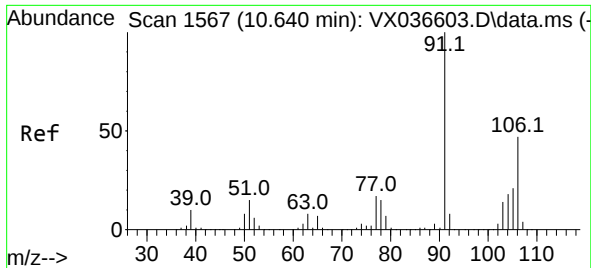
Tgt Ion: 95 Resp: 115534
Ion Ratio Lower Upper
95 100
174 73.8 0.0 135.6
176 71.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036673.D
Acq: 27 Jul 2023 13:52

Tgt Ion: 117 Resp: 235434
Ion Ratio Lower Upper
117 100
82 55.7 46.2 69.4
119 31.8 25.5 38.3

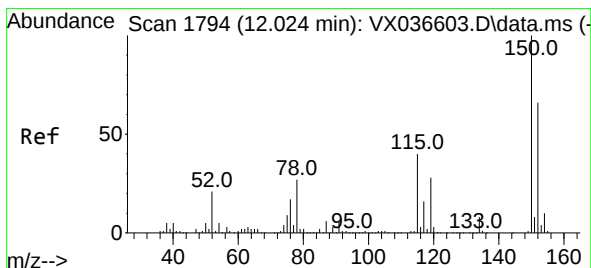
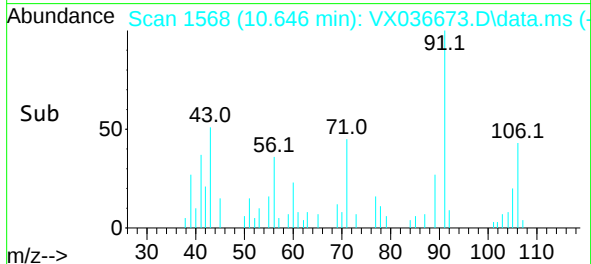
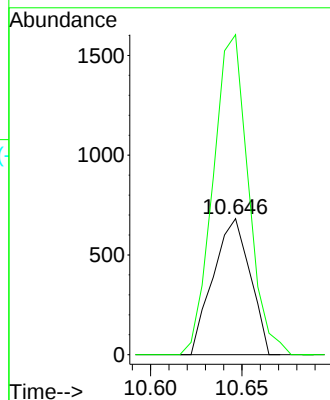
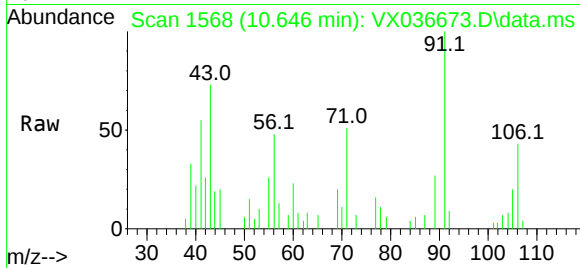




#69
o-Xylene
Concen: 0.272 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX036673.D
Acq: 27 Jul 2023 13:52

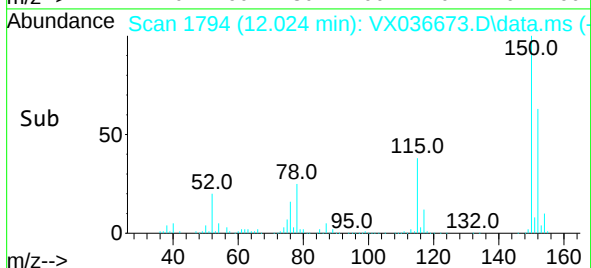
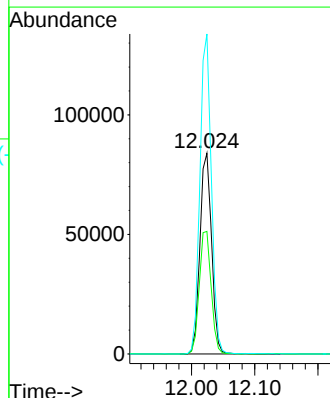
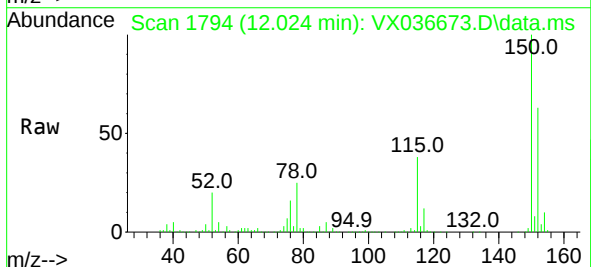
Instrument :
MSVOA_X
ClientSampleId :
PATERSON-GSMP-COMP

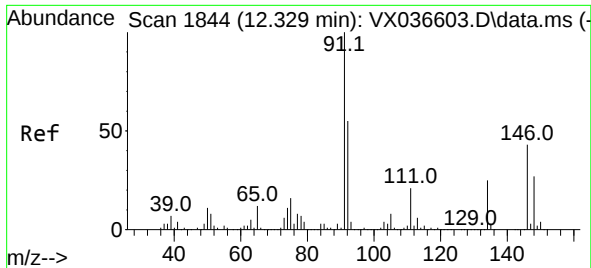
Tgt Ion:106 Resp: 960
Ion Ratio Lower Upper
106 100
91 224.5 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036673.D
Acq: 27 Jul 2023 13:52

Tgt Ion:152 Resp: 107751
Ion Ratio Lower Upper
152 100
115 62.4 43.3 129.9
150 156.3 0.0 345.0





#89

n-Butylbenzene

Concen: 0.226 ug/l

RT: 12.335 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX036673.D

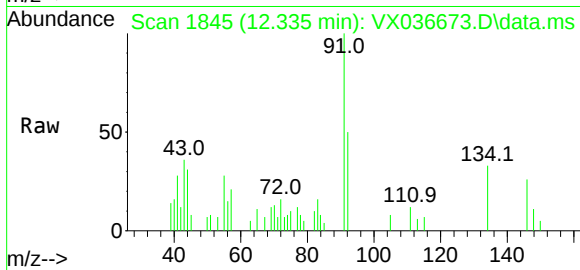
Acq: 27 Jul 2023 13:52

Instrument :

MSVOA_X

ClientSampleId :

PATERSON-GSMP-COMP



Tgt Ion: 91 Resp: 1521

Ion Ratio Lower Upper

91 100

92 49.0 27.4 82.0

134 30.2 12.6 37.8

