

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081424\
 Data File : VX043044.D
 Acq On : 14 Aug 2024 20:14
 Operator : JC/MD
 Sample : PB162677TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB162677TB

Quant Time: Aug 15 04:36:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 04:22:11 2024
 Response via : Initial Calibration

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

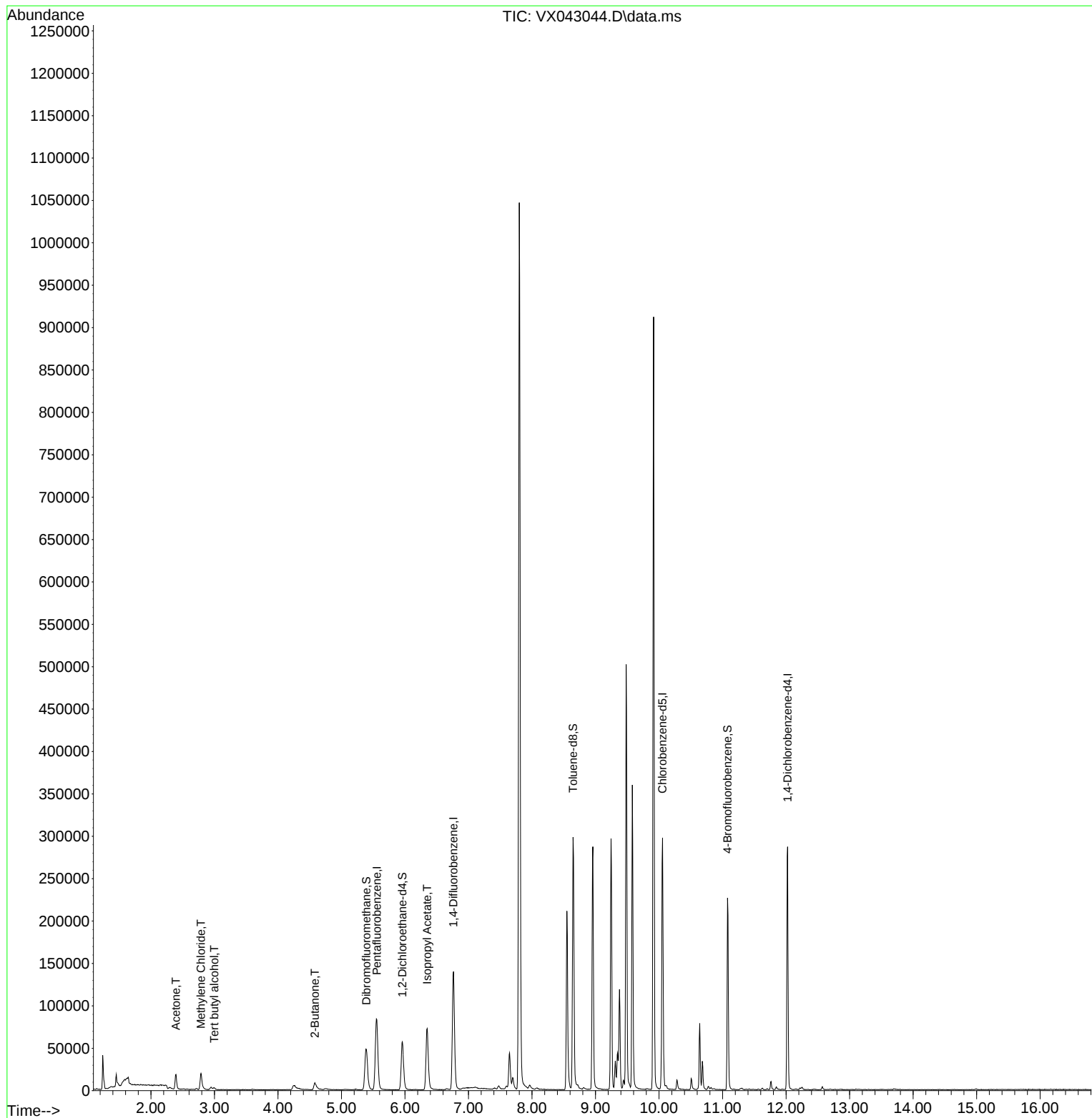
Internal Standards						
1) Pentafluorobenzene	5.556	168	84286	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	148002	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	134266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62243	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	51629	46.616	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.240%
35) Dibromofluoromethane	5.391	113	45013	49.163	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.320%
50) Toluene-d8	8.647	98	181319	51.301	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.600%
62) 4-Bromofluorobenzene	11.079	95	64543	50.362	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.720%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.995	59	2960	10.359	ug/l	# 72
16) Acetone	2.392	43	20086	36.566	ug/l	# 89
20) Methylene Chloride	2.788	84	10441	8.219	ug/l	94
25) 2-Butanone	4.580	43	15075	15.655	ug/l	# 89
43) Isopropyl Acetate	6.348	43	104104	36.009	ug/l	97

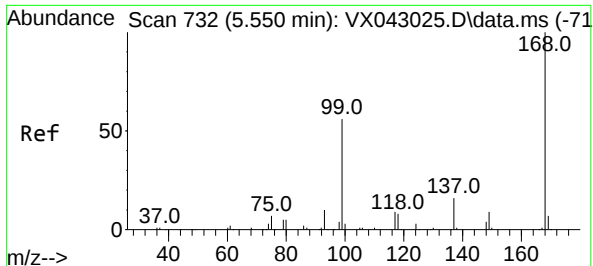
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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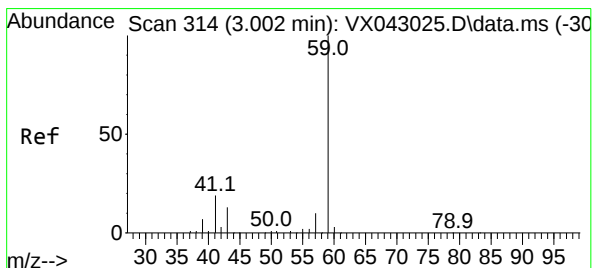
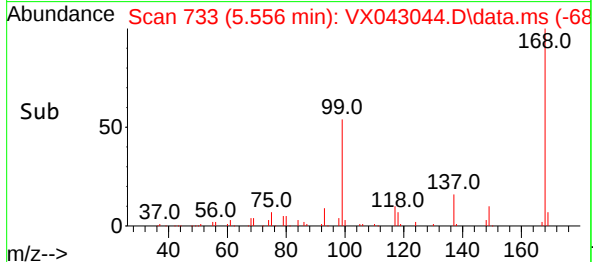
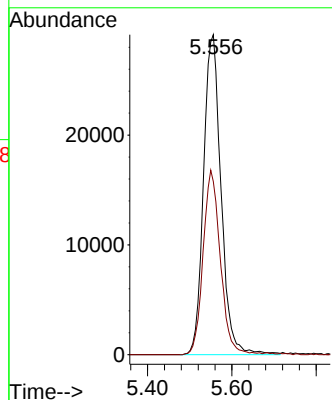
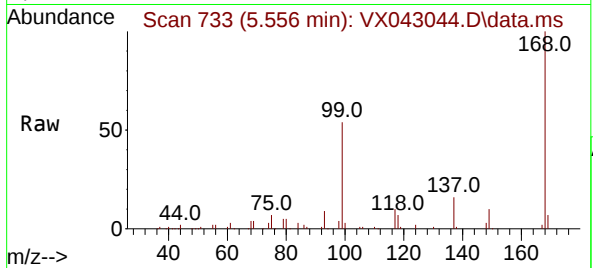




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX043044.D
Acq: 14 Aug 2024 20:14

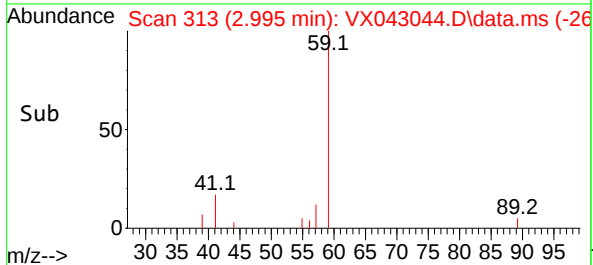
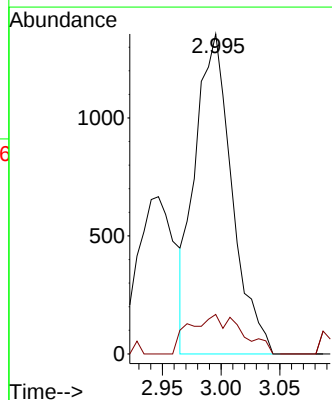
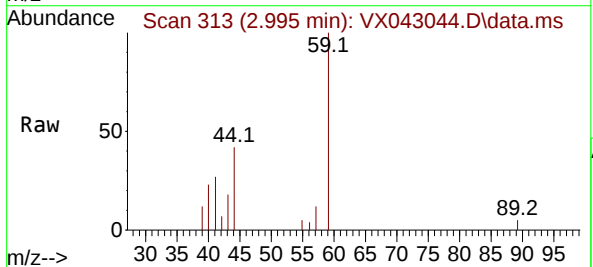
Instrument :
MSVOA_X
ClientSampleId :
PB162677TB

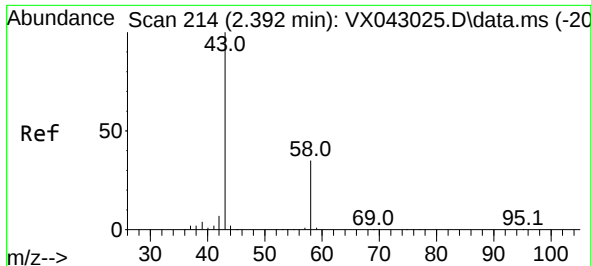
Tgt Ion:168 Resp: 84286
Ion Ratio Lower Upper
168 100
99 54.1 56.6 85.0#



#11
Tert butyl alcohol
Concen: 10.359 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.006 min
Lab File: VX043044.D
Acq: 14 Aug 2024 20:14

Tgt Ion: 59 Resp: 2960
Ion Ratio Lower Upper
59 100
57 17.4 6.0 9.0#





#16

Acetone

Concen: 36.566 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX043044.D

Acq: 14 Aug 2024 20:14

Instrument :

MSVOA_X

ClientSampleId :

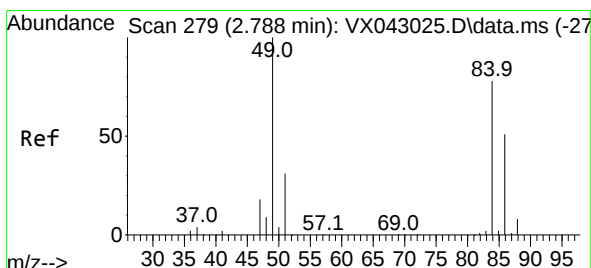
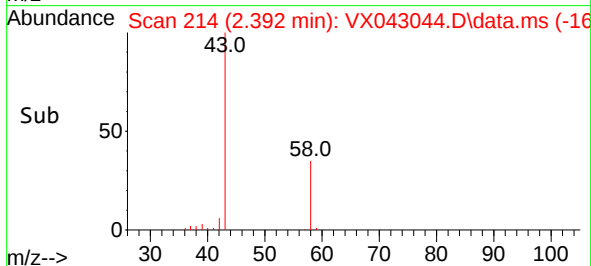
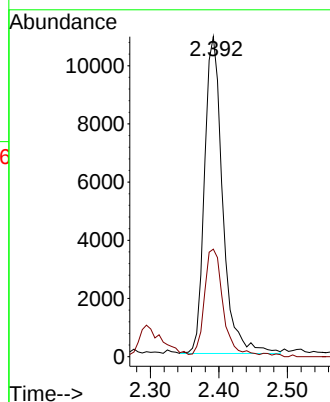
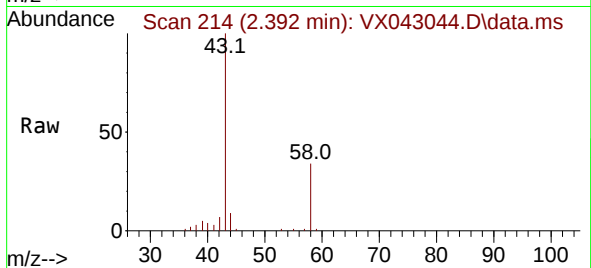
PB162677TB

Tgt Ion: 43 Resp: 20086

Ion Ratio Lower Upper

43 100

58 33.3 21.9 32.9#



#20

Methylene Chloride

Concen: 8.219 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX043044.D

Acq: 14 Aug 2024 20:14

Tgt Ion: 84 Resp: 10441

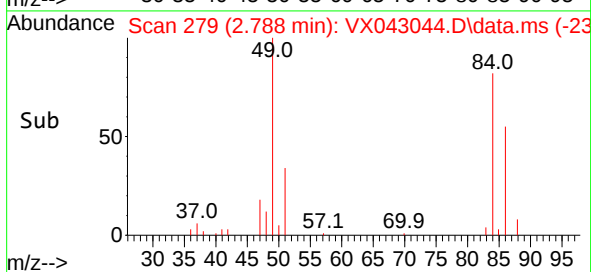
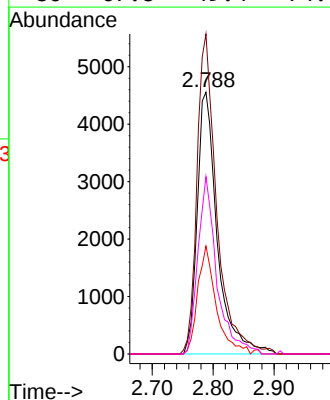
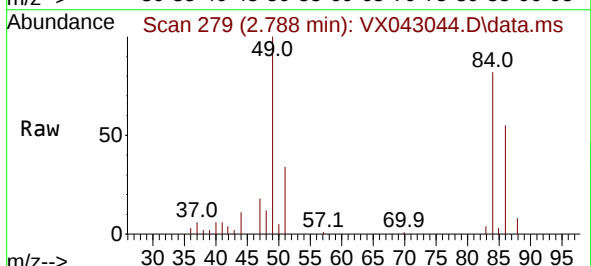
Ion Ratio Lower Upper

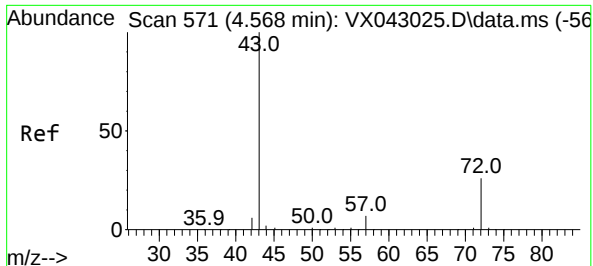
84 100

49 122.3 103.6 155.4

51 41.2 33.8 50.6

86 67.8 49.4 74.0





#25

2-Butanone

Concen: 15.655 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX043044.D

Acq: 14 Aug 2024 20:14

Instrument :

MSVOA_X

ClientSampleId :

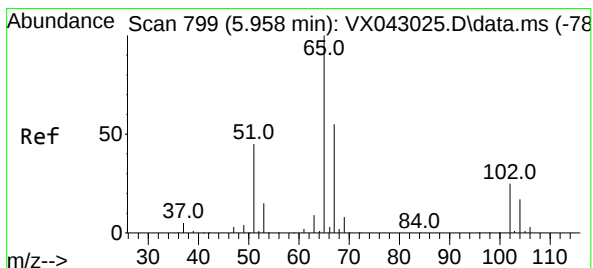
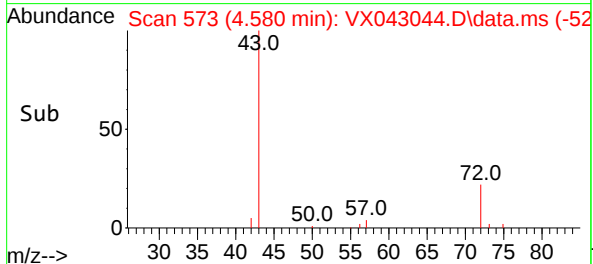
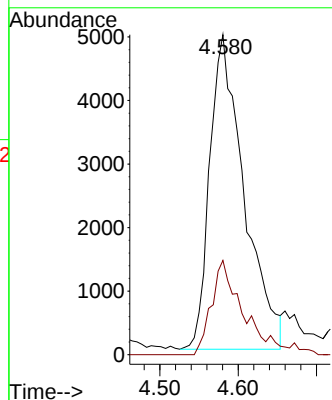
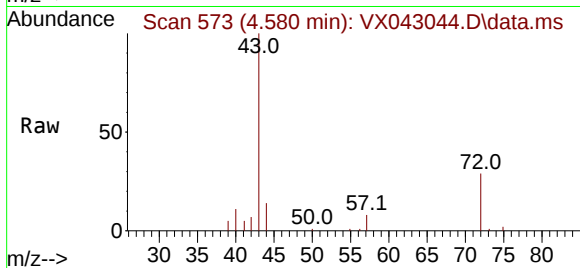
PB162677TB

Tgt Ion: 43 Resp: 15075

Ion Ratio Lower Upper

43 100

72 30.0 19.4 29.2#



#33

1,2-Dichloroethane-d4

Concen: 46.616 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX043044.D

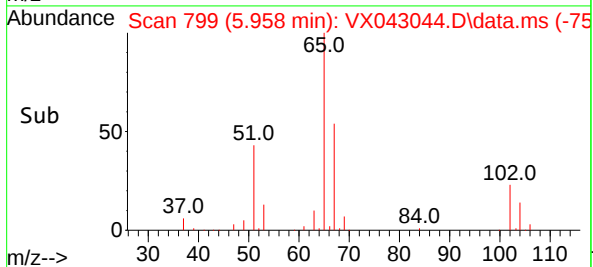
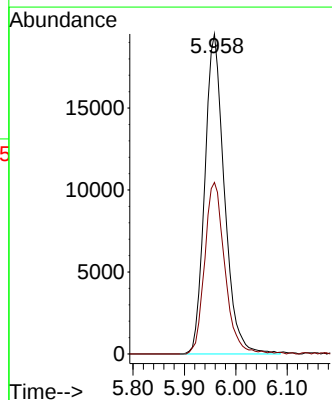
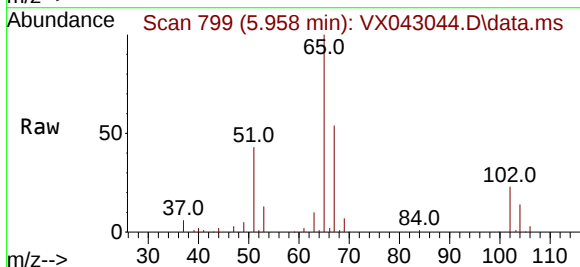
Acq: 14 Aug 2024 20:14

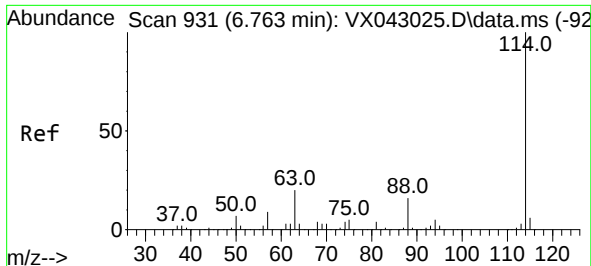
Tgt Ion: 65 Resp: 51629

Ion Ratio Lower Upper

65 100

67 55.0 0.0 100.2

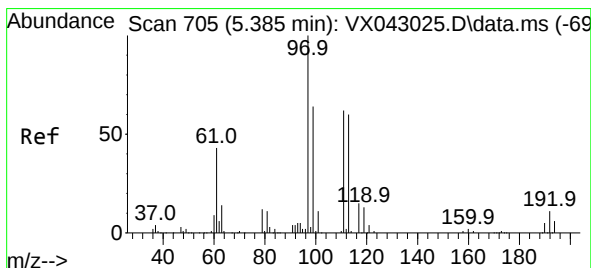
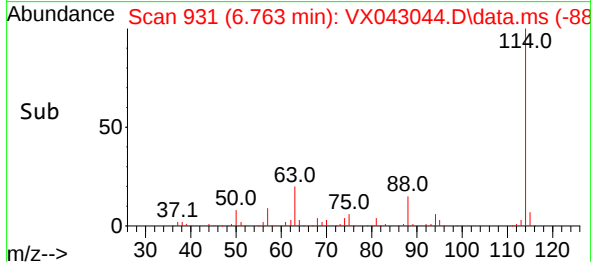
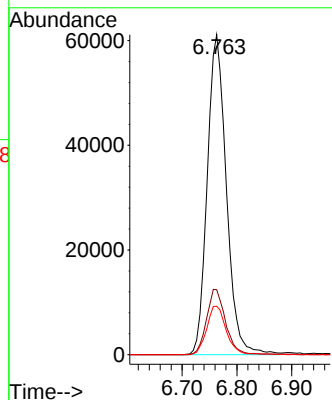
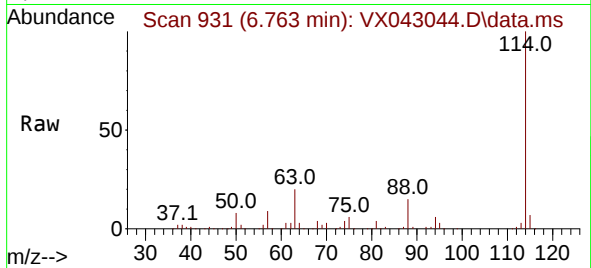




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX043044.D
Acq: 14 Aug 2024 20:14

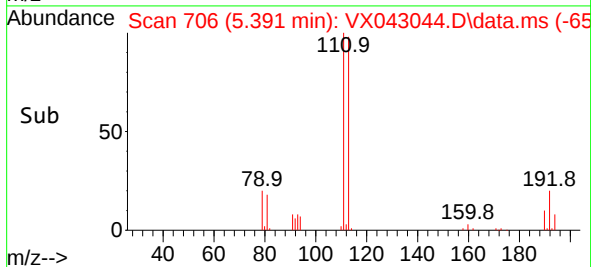
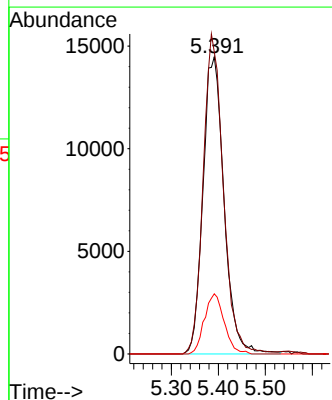
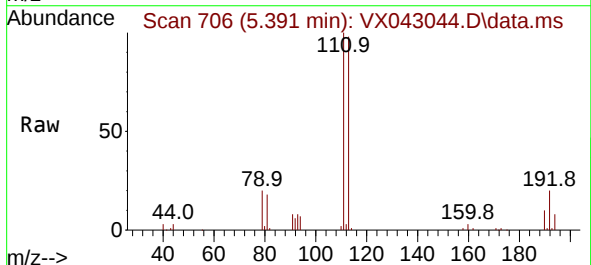
Instrument :
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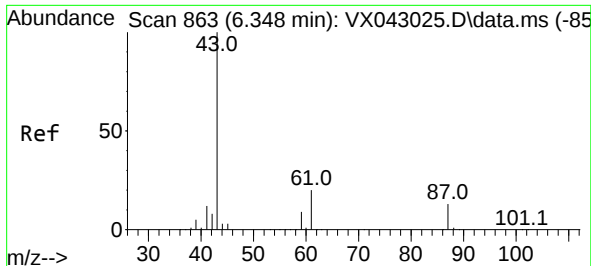
Tgt Ion:114 Resp: 148002
Ion Ratio Lower Upper
114 100
63 20.3 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.163 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX043044.D
Acq: 14 Aug 2024 20:14

Tgt Ion:113 Resp: 45013
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 19.0 13.3 19.9

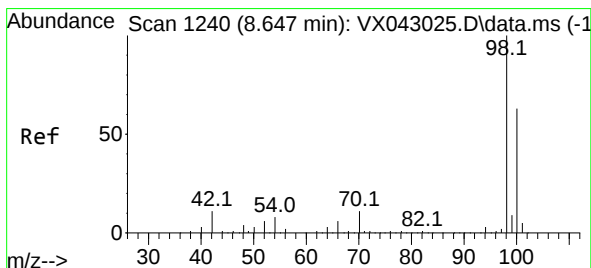
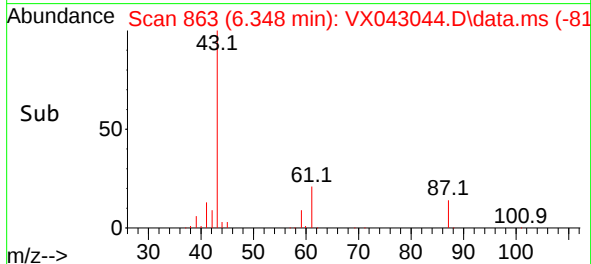
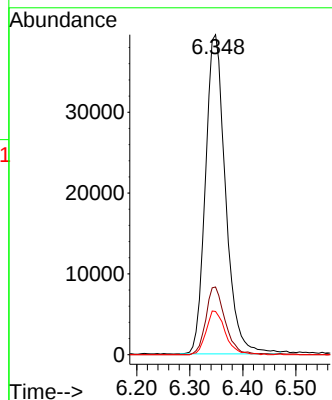
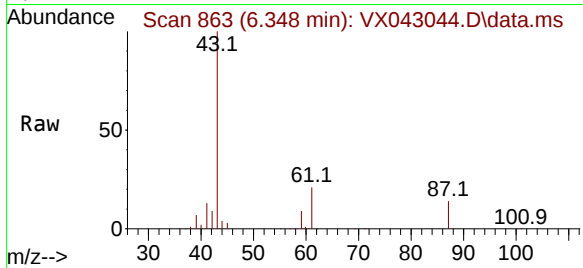




#43
Isopropyl Acetate
Concen: 36.009 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.000 min
Lab File: VX043044.D
Acq: 14 Aug 2024 20:14

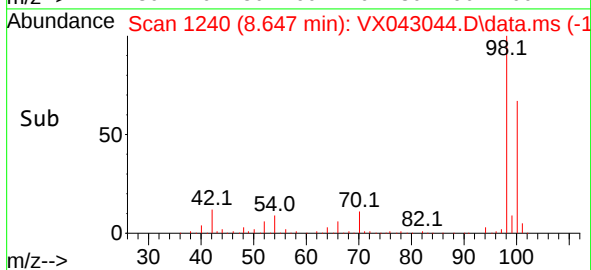
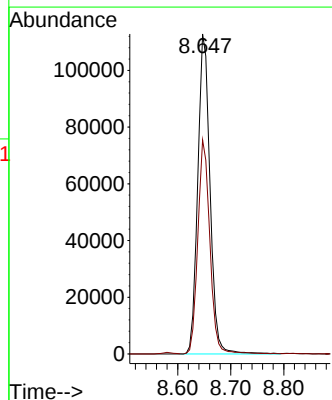
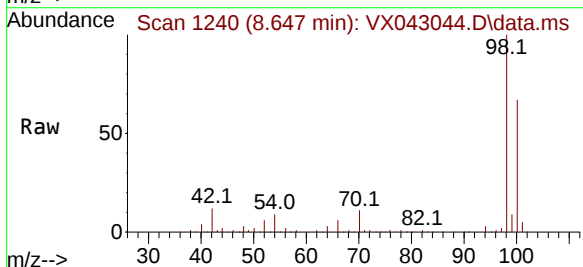
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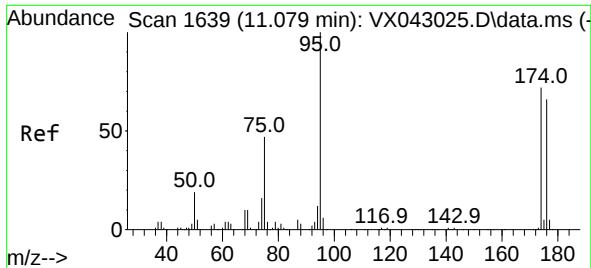
Tgt Ion: 43 Resp: 104104
Ion Ratio Lower Upper
43 100
61 20.2 15.2 22.8
87 13.1 9.8 14.6



#50
Toluene-d8
Concen: 51.301 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043044.D
Acq: 14 Aug 2024 20:14

Tgt Ion: 98 Resp: 181319
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7

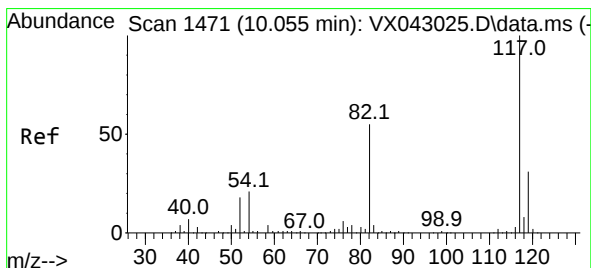
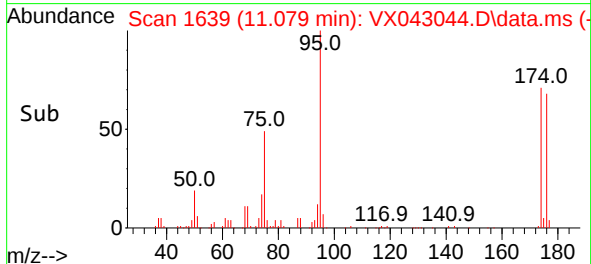
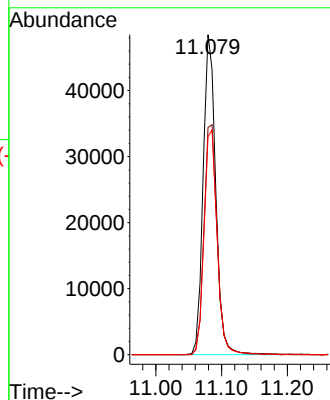
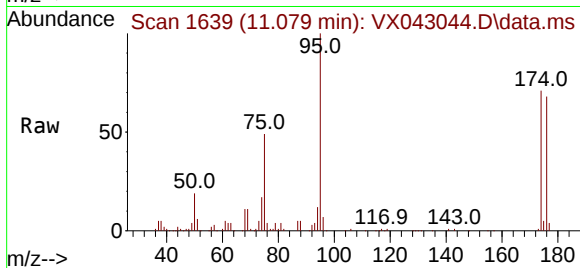




#62
4-Bromofluorobenzene
Concen: 50.362 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043044.D
Acq: 14 Aug 2024 20:14

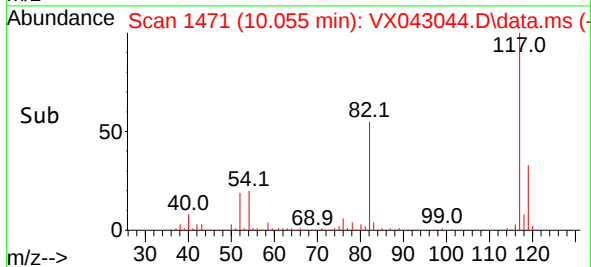
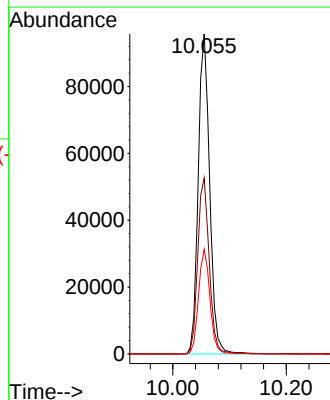
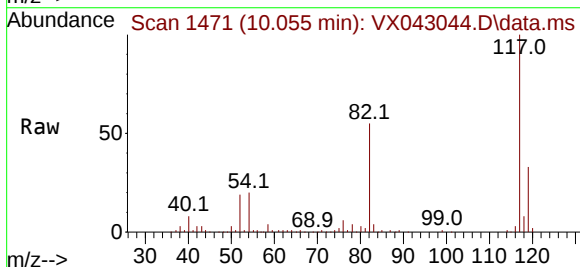
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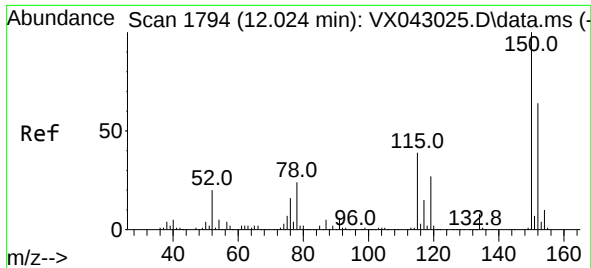
Tgt Ion: 95 Resp: 64543
Ion Ratio Lower Upper
95 100
174 74.8 0.0 135.6
176 72.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043044.D
Acq: 14 Aug 2024 20:14

Tgt Ion: 117 Resp: 134266
Ion Ratio Lower Upper
117 100
82 55.0 46.2 69.4
119 32.7 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX043044.D

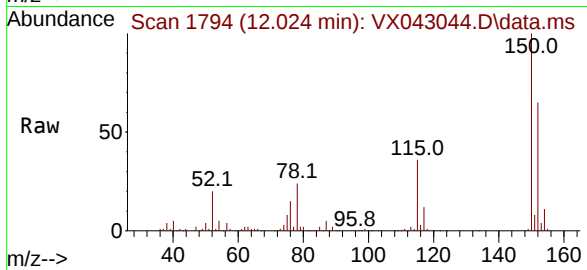
Acq: 14 Aug 2024 20:14

Instrument :

MSVOA_X

ClientSampleId :

PB162677TB



Tgt Ion:152 Resp: 62243

Ion Ratio Lower Upper

152 100

115 59.3 43.3 129.9

150 154.9 0.0 345.0

