

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063025\
 Data File : VX046835.D
 Acq On : 30 Jun 2025 12:39
 Operator : JC/MD
 Sample : Q2398-06ME
 Misc : 4.60g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ARS20-0036ME

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/30/2025
 Supervised By : Mahesh Dadoda 07/01/2025

Quant Time: Jun 30 12:55:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	205270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	346748	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	317038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	155853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	132743	46.753	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.500%		
35) Dibromofluoromethane	5.391	113	109536	47.745	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.480%		
50) Toluene-d8	8.647	98	416761	50.562	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.120%		
62) 4-Bromofluorobenzene	11.079	95	156468	50.925	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.860%		
Target Compounds						
16) Acetone	2.398	43	63010	66.549	ug/l	98
20) Methylene Chloride	2.794	84	690m	0.262	ug/l	

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

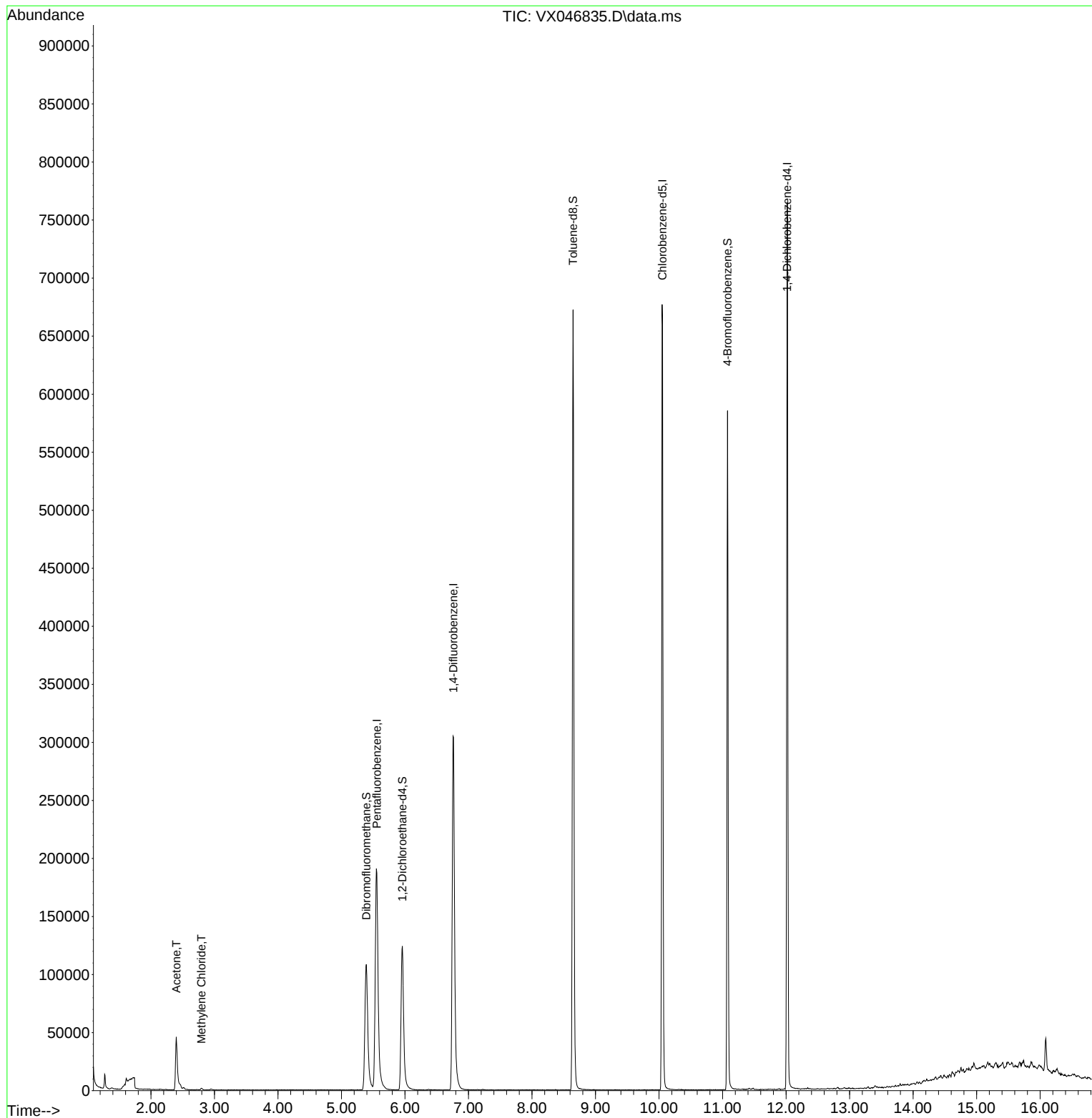
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063025\
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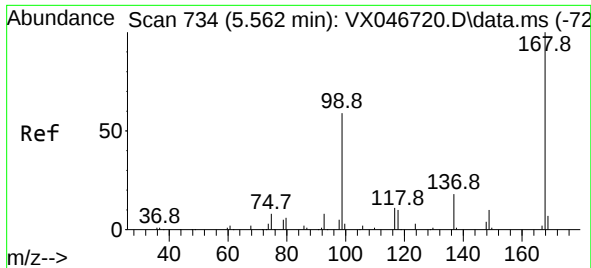
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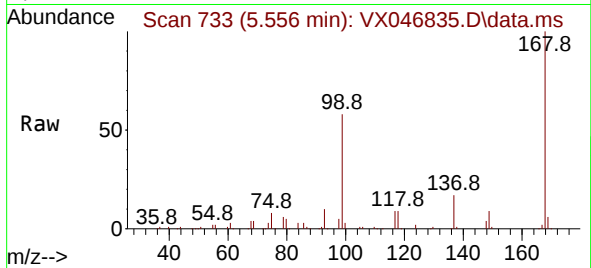
Quant Time: Jun 30 12:55:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046835.D
Acq: 30 Jun 2025 12:39

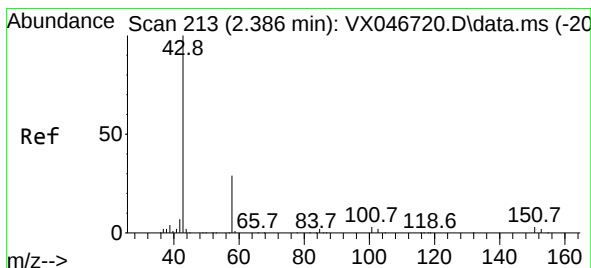
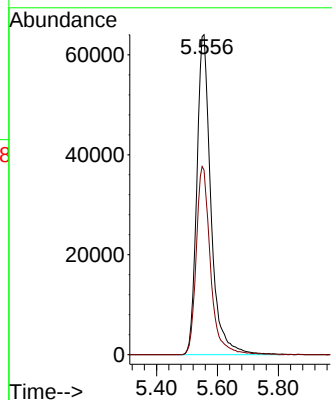
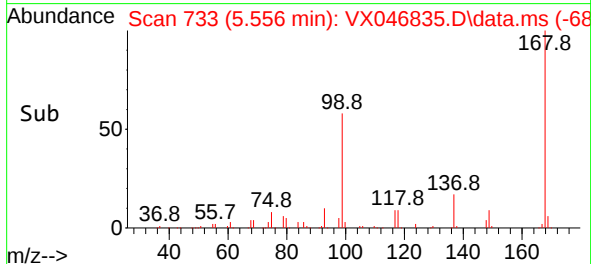
Instrument :
MSVOA_X
ClientSampleId :
ARS20-0036ME



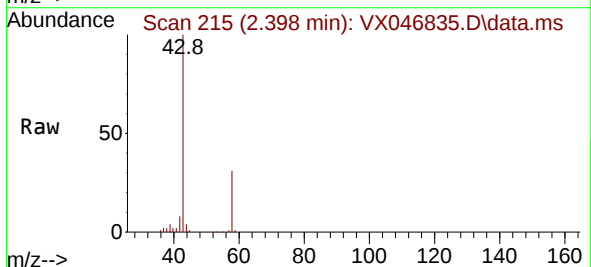
Tgt Ion:168 Resp: 205270
Ion Ratio Lower Upper
168 100
99 57.7 48.5 72.7

Manual Integrations
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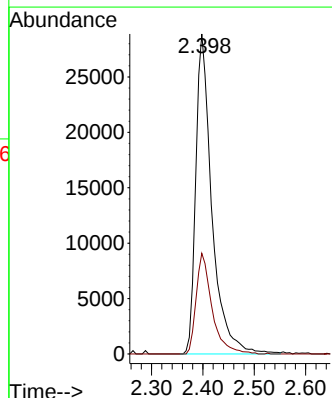
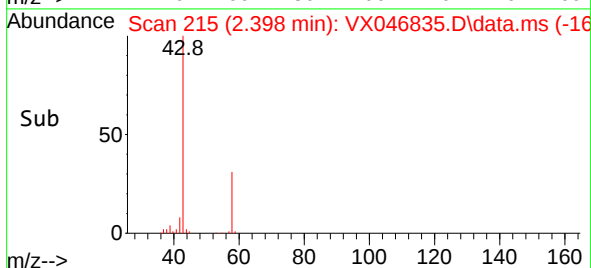
Reviewed By :John Carlone 06/30/2025
Supervised By :Mahesh Dadoda 07/01/2025

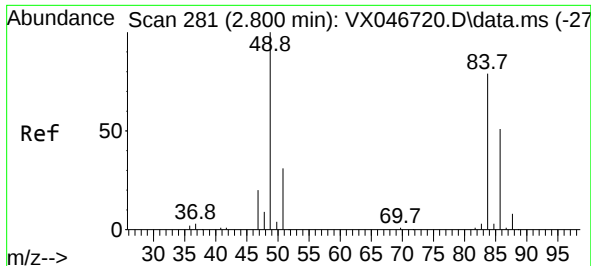


#16
Acetone
Concen: 66.549 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX046835.D
Acq: 30 Jun 2025 12:39



Tgt Ion: 43 Resp: 63010
Ion Ratio Lower Upper
43 100
58 31.4 24.5 36.7





#20

Methylene Chloride

Concen: 0.262 ug/l m

RT: 2.794 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX046835.D

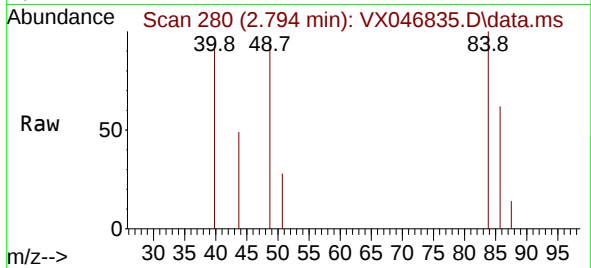
Acq: 30 Jun 2025 12:39

Instrument :

MSVOA_X

ClientSampleId :

ARS20-0036ME



Tgt Ion: 84 Resp: 690

Ion Ratio Lower Upper

84 100

49 94.3 101.3 151.9

51 28.3 31.0 46.6

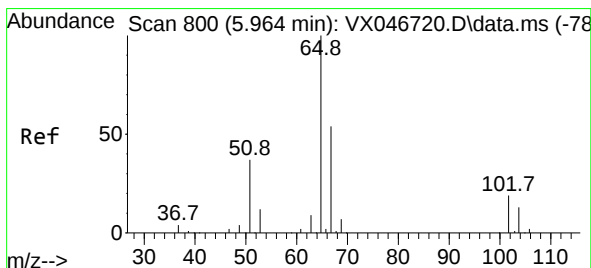
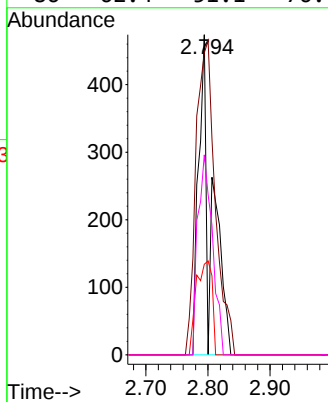
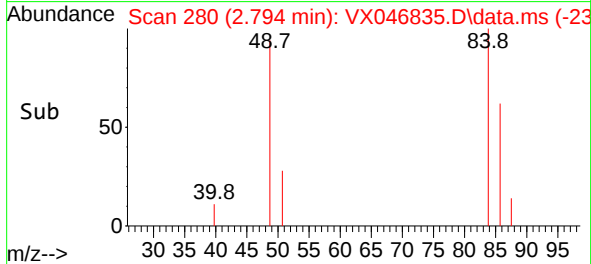
86 62.4 51.1 76.7

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#33

1,2-Dichloroethane-d4

Concen: 46.753 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX046835.D

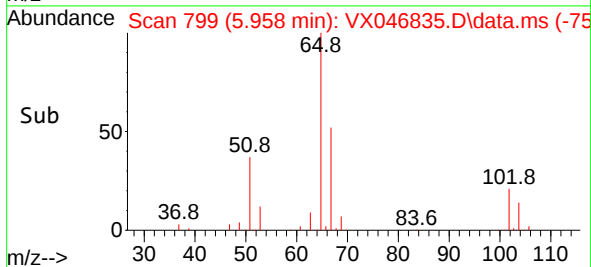
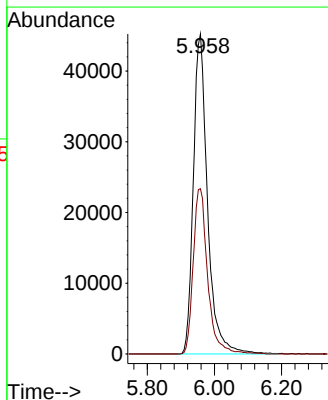
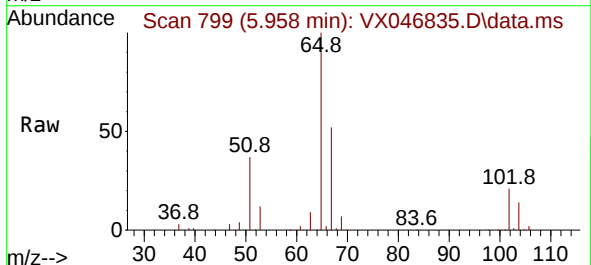
Acq: 30 Jun 2025 12:39

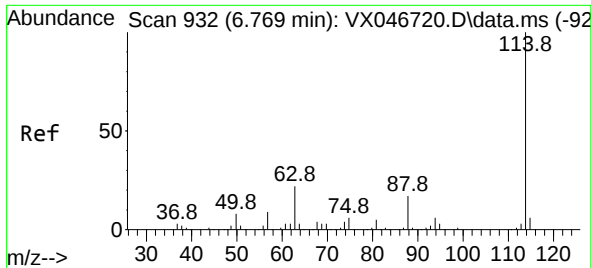
Tgt Ion: 65 Resp: 132743

Ion Ratio Lower Upper

65 100

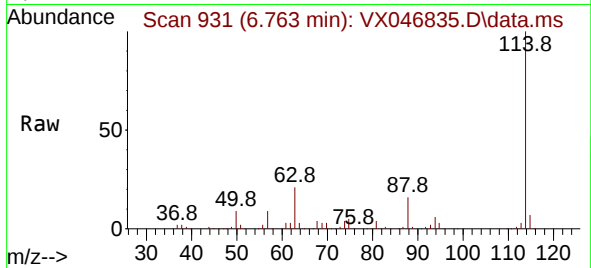
67 52.7 0.0 105.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX046835.D
Acq: 30 Jun 2025 12:39

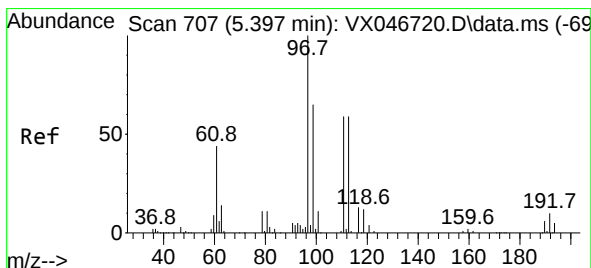
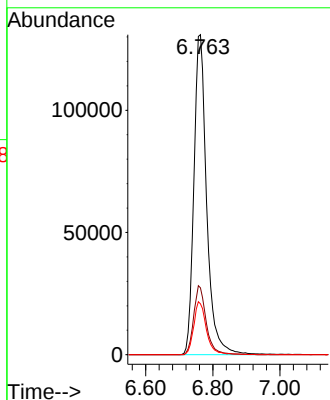
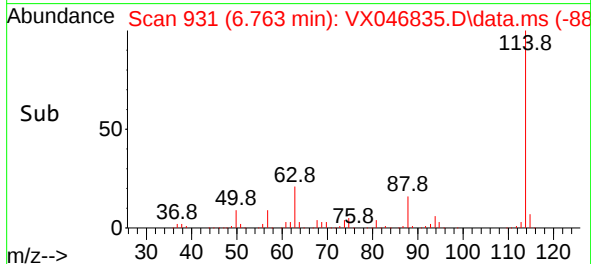
Instrument :
MSVOA_X
ClientSampleId :
ARS20-0036ME



Tgt Ion:114 Resp: 346748
Ion Ratio Lower Upper
114 100
63 20.9 0.0 44.2
88 15.9 0.0 33.2

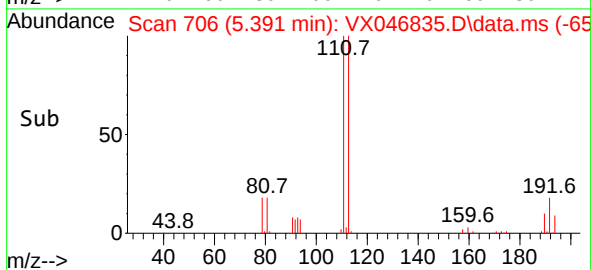
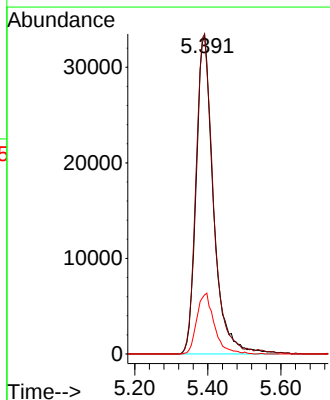
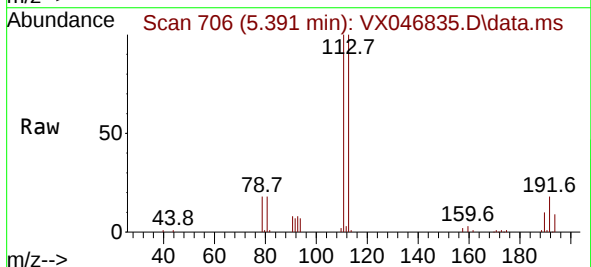
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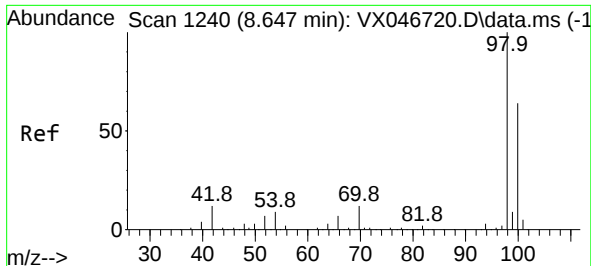
Reviewed By :John Carlone 06/30/2025
Supervised By :Mahesh Dadoda 07/01/2025



#35
Dibromofluoromethane
Concen: 47.745 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046835.D
Acq: 30 Jun 2025 12:39

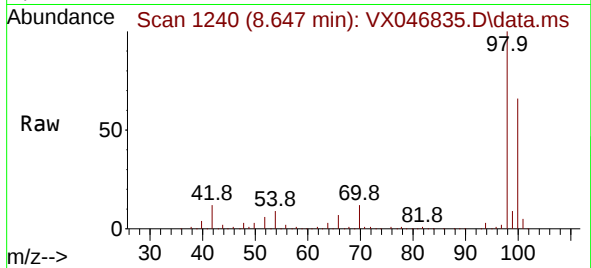
Tgt Ion:113 Resp: 109536
Ion Ratio Lower Upper
113 100
111 100.5 82.0 123.0
192 19.2 15.3 22.9





#50
Toluene-d8
Concen: 50.562 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046835.D
Acq: 30 Jun 2025 12:39

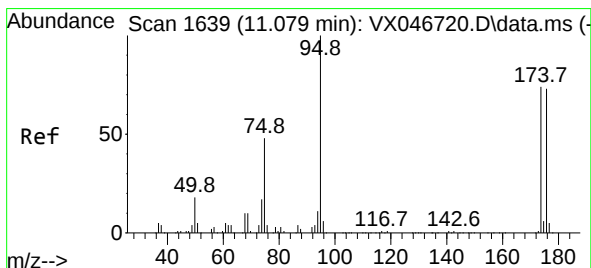
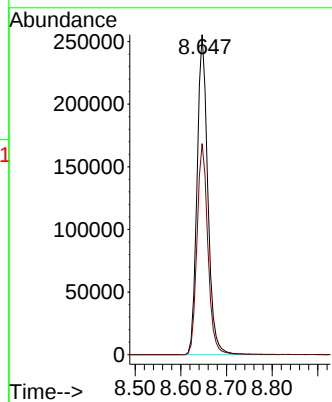
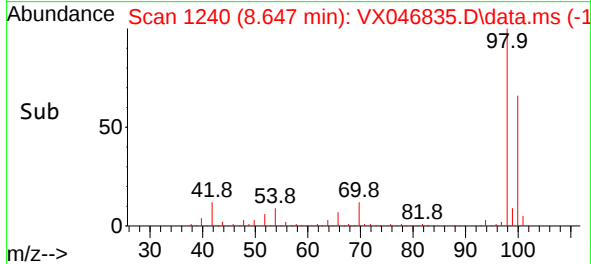
Instrument :
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ARS20-0036ME



Tgt Ion: 98 Resp: 41676
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4

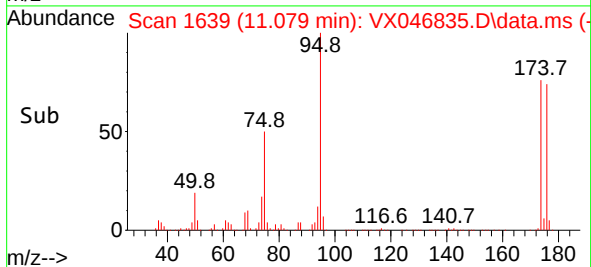
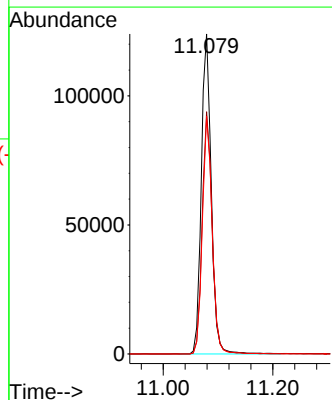
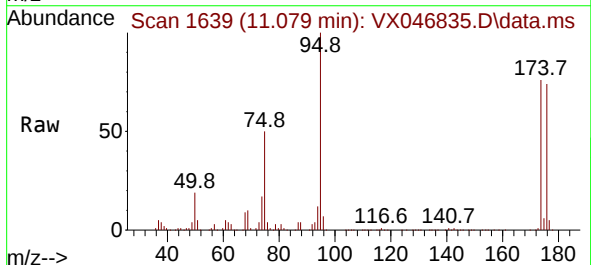
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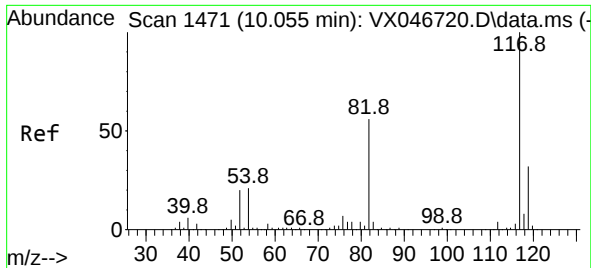
Reviewed By :John Carlone 06/30/2025
Supervised By :Mahesh Dadoda 07/01/2025



#62
4-Bromofluorobenzene
Concen: 50.925 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046835.D
Acq: 30 Jun 2025 12:39

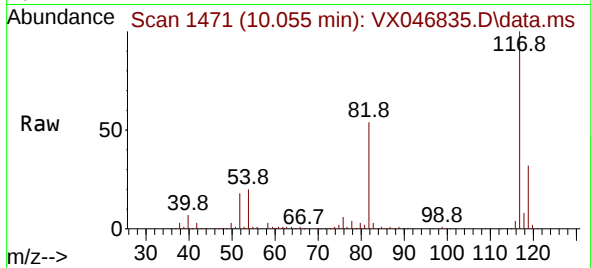
Tgt Ion: 95 Resp: 156468
Ion Ratio Lower Upper
95 100
174 75.2 0.0 150.4
176 73.3 0.0 145.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046835.D
Acq: 30 Jun 2025 12:39

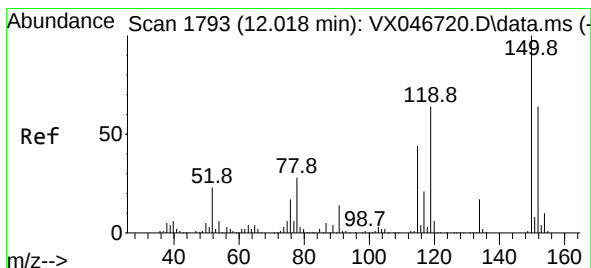
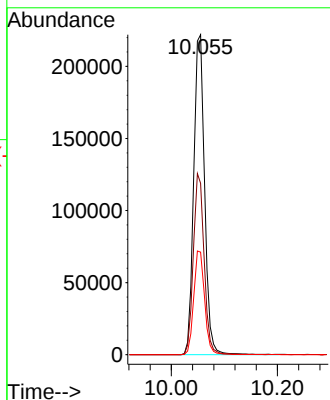
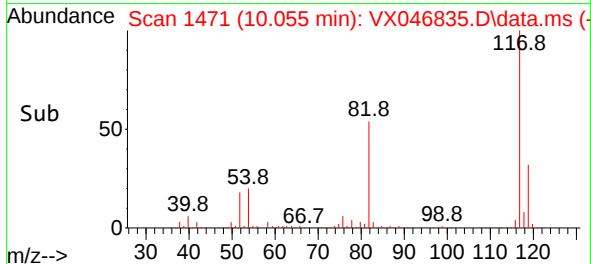
Instrument :
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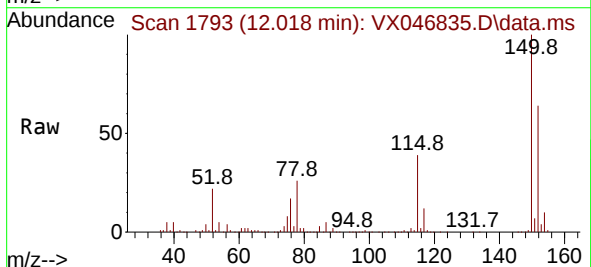
Tgt Ion:117 Resp: 317038
Ion Ratio Lower Upper
117 100
82 53.5 44.6 66.8
119 32.0 25.8 38.8

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046835.D
Acq: 30 Jun 2025 12:39



Tgt Ion:152 Resp: 155853
Ion Ratio Lower Upper
152 100
115 60.3 43.2 129.6
150 157.4 0.0 346.8

