

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080425\
 Data File : VX047224.D
 Acq On : 04 Aug 2025 13:20
 Operator : JC/MD
 Sample : Q2734-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-253

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Aug 05 02:58:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						08/05/2025
1) Pentafluorobenzene	5.562	168	328816	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	618957	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	587928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	294593	50.000	ug/l	0.00
System Monitoring Compounds						08/05/2025
33) 1,2-Dichloroethane-d4	5.958	65	222623	54.351	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.700%
35) Dibromofluoromethane	5.398	113	186855	48.894	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.780%
50) Toluene-d8	8.647	98	689769	55.733	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	111.460%
62) 4-Bromofluorobenzene	11.079	95	278279	52.176	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.360%
Target Compounds						Qvalue
16) Acetone	2.392	43	43211	26.334	ug/l	97
18) Methyl Acetate	2.715	43	22995	5.273	ug/l	96
20) Methylene Chloride	2.807	84	10299	2.281	ug/l #	88
37) Ethyl Acetate	4.751	43	9191m	1.531	ug/l	

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

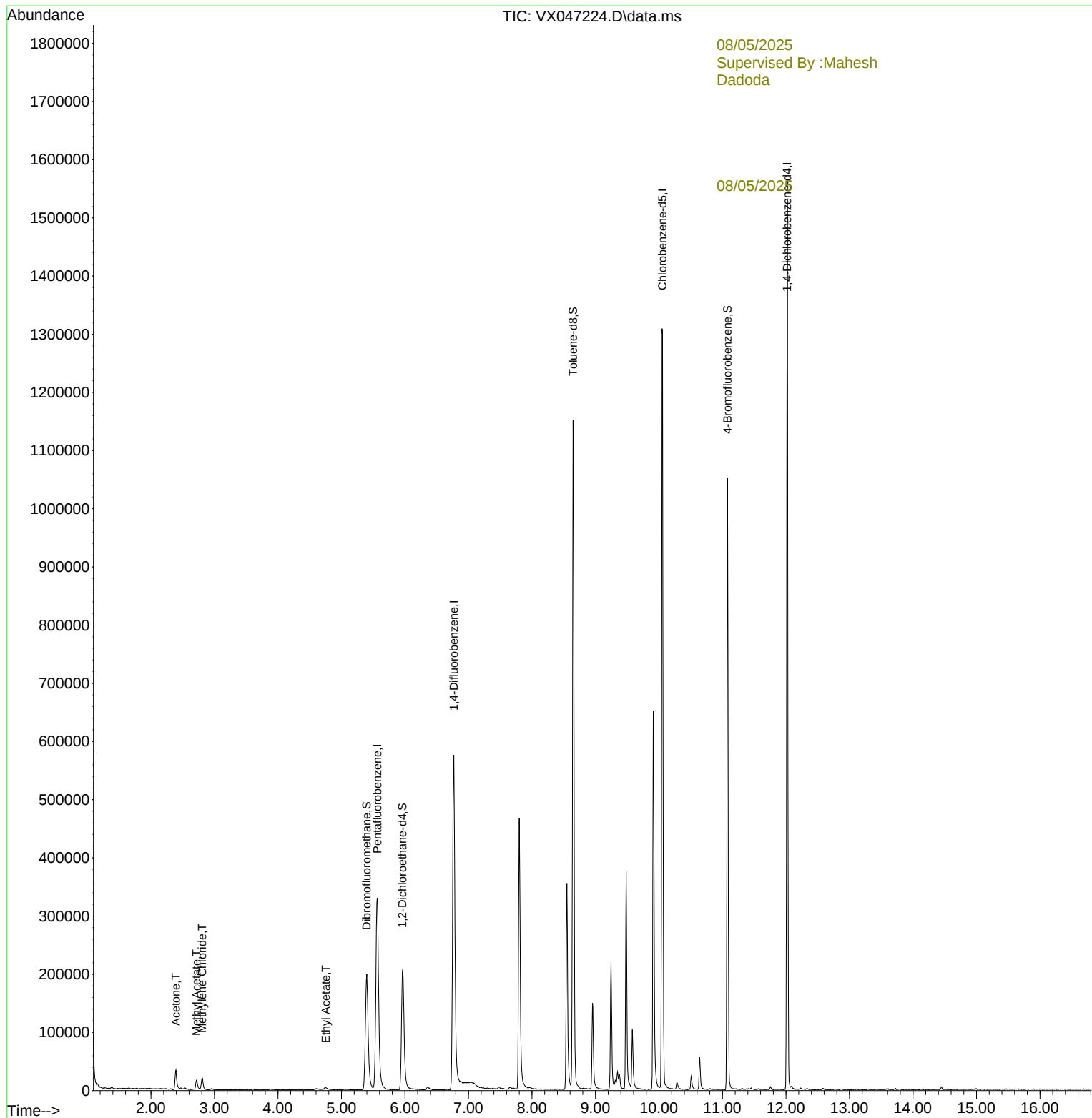
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Data File : VX047224.D
Acq On : 04 Aug 2025 13:20
Operator : JC/MD
Sample : Q2734-02
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Instrument :
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ClientSampleId :
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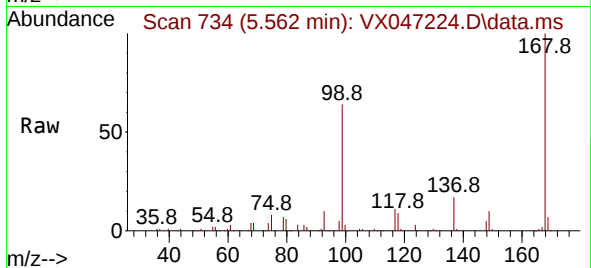
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047224.D
Acq: 04 Aug 2025 13:20

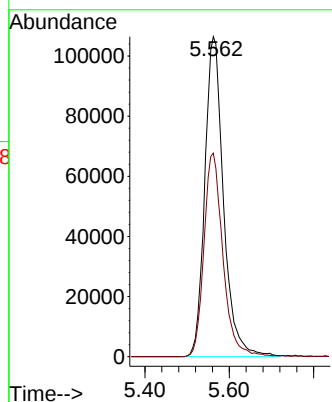
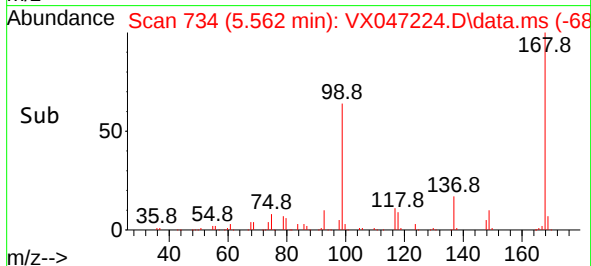
Instrument :
MSVOA_X
ClientSampleId :
VNJ-253



Tgt Ion:168 Resp: 328810
Ion Ratio Lower Upper
168 100
99 63.6 48.0 72.0

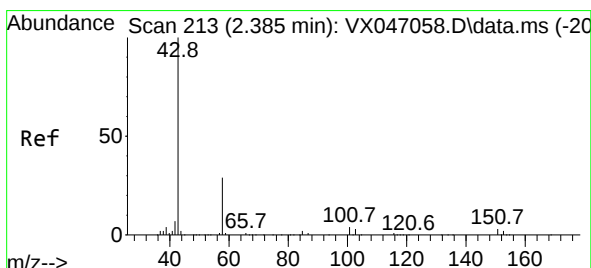
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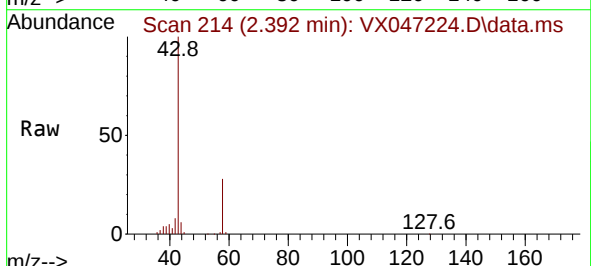


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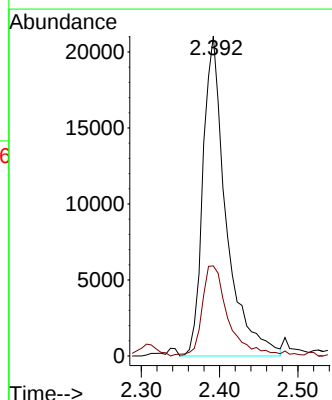
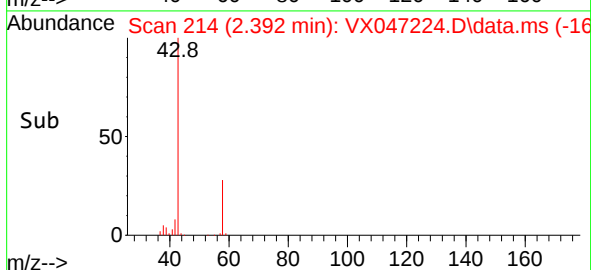
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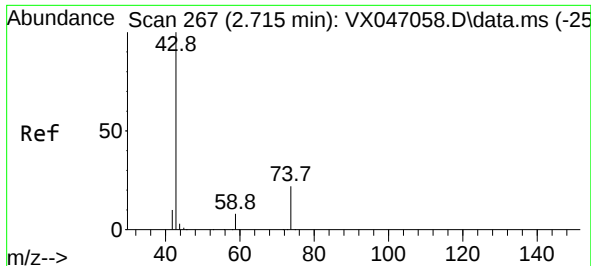


#16
Acetone
Concen: 26.334 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.007 min
Lab File: VX047224.D
Acq: 04 Aug 2025 13:20



Tgt Ion: 43 Resp: 43211
Ion Ratio Lower Upper
43 100
58 28.2 24.0 36.0





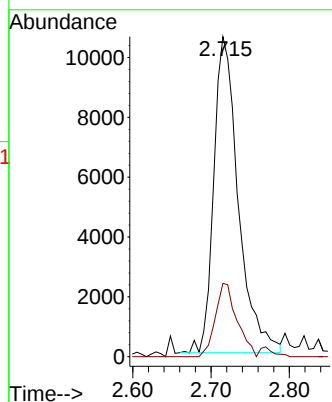
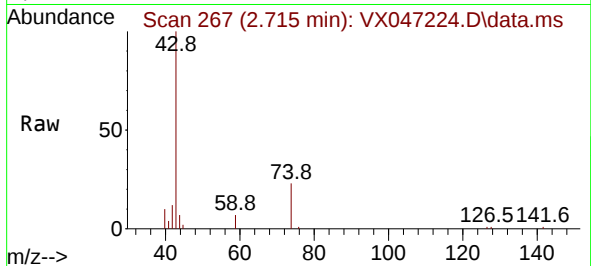
#18
Methyl Acetate
Concen: 5.273 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.001 min
Lab File: VX047224.D
Acq: 04 Aug 2025 13:20

Instrument :
MSVOA_X
ClientSampleId :
VNJ-253

Tgt Ion: 43 Resp: 2299
Ion Ratio Lower Upper
43 100
74 20.3 17.7 26.5

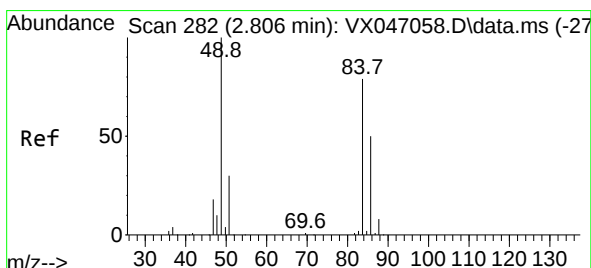
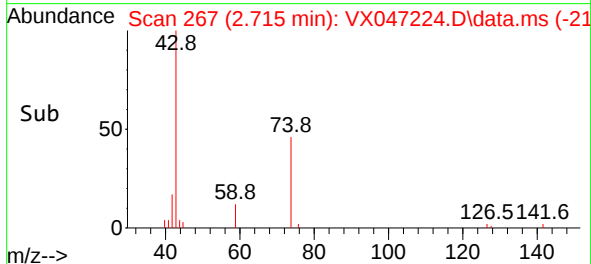
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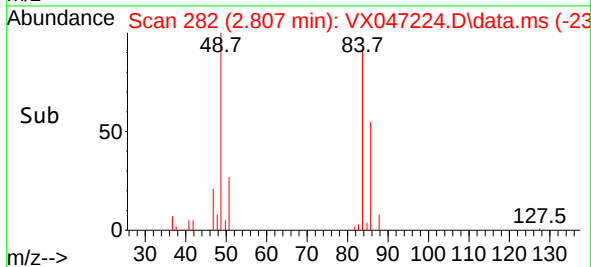
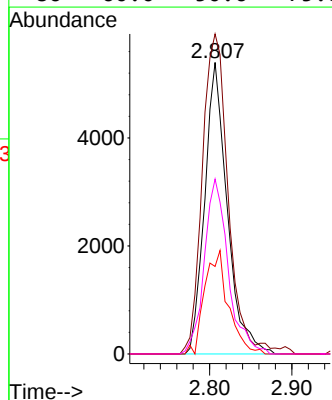
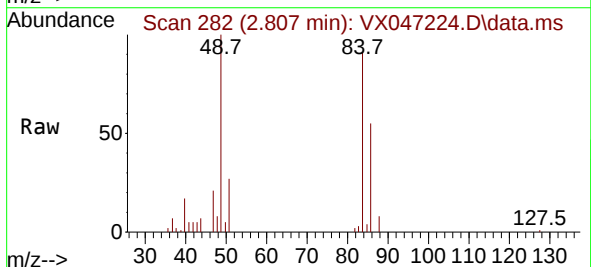
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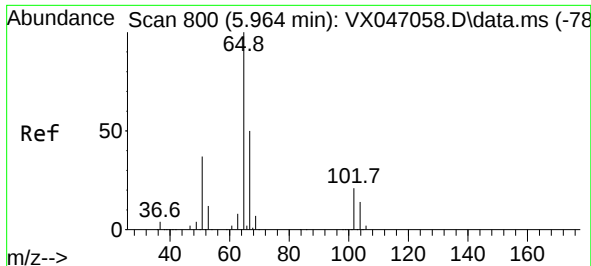
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#20
Methylene Chloride
Concen: 2.281 ug/l
RT: 2.807 min Scan# 282
Delta R.T. 0.001 min
Lab File: VX047224.D
Acq: 04 Aug 2025 13:20

Tgt Ion: 84 Resp: 10299
Ion Ratio Lower Upper
84 100
49 109.8 101.6 152.4
51 30.0 30.3 45.5#
86 60.0 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 54.351 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX047224.D

Acq: 04 Aug 2025 13:20

Instrument :

MSVOA_X

ClientSampleId :

VNJ-253

Tgt Ion: 65 Resp: 22262

Ion Ratio Lower Upper

65 100

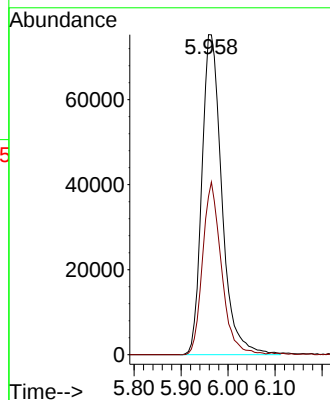
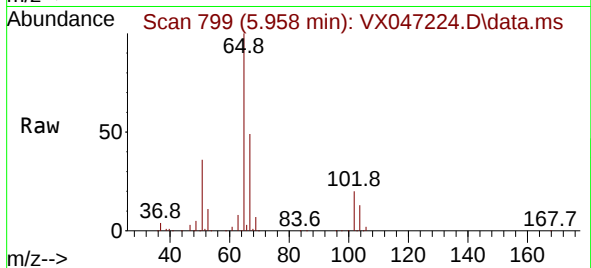
67 50.8 0.0 104.8

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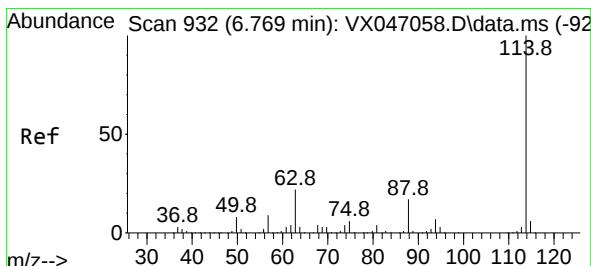
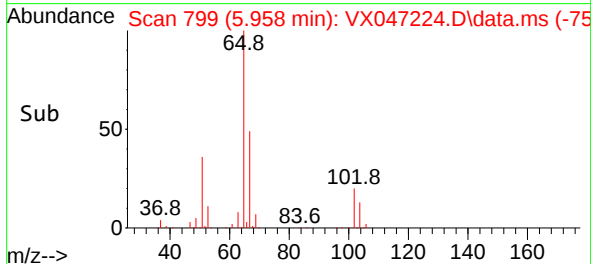


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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.001 min

Lab File: VX047224.D

Acq: 04 Aug 2025 13:20

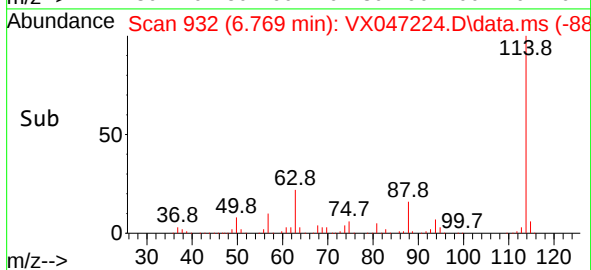
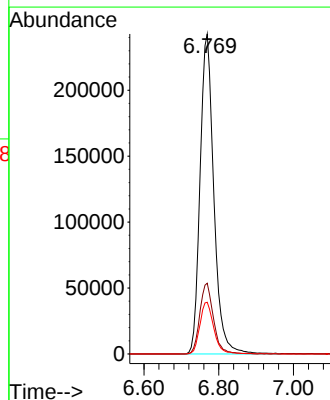
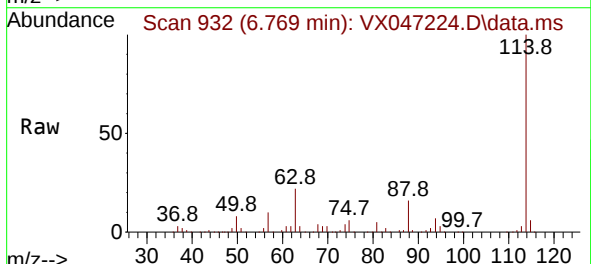
Tgt Ion:114 Resp: 618957

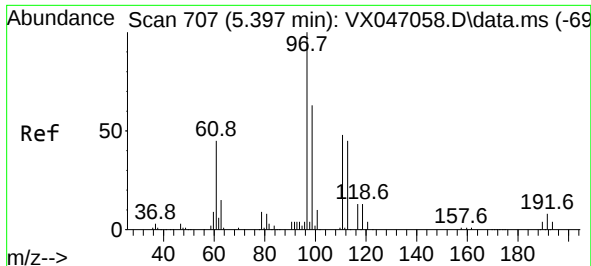
Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.2

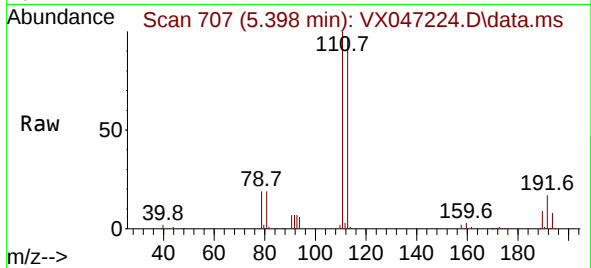
88 16.2 0.0 33.8





#35
Dibromofluoromethane
Concen: 48.894 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.001 min
Lab File: VX047224.D
Acq: 04 Aug 2025 13:20

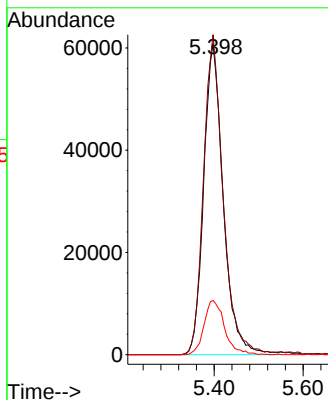
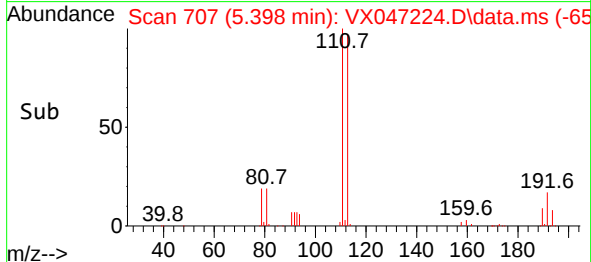
Instrument :
MSVOA_X
ClientSampleId :
VNJ-253



Tgt Ion: 113 Resp: 18685
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 18.3 14.9 22.3

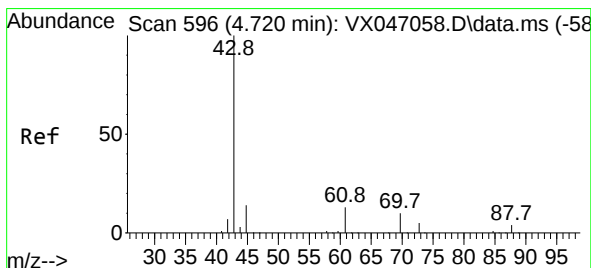
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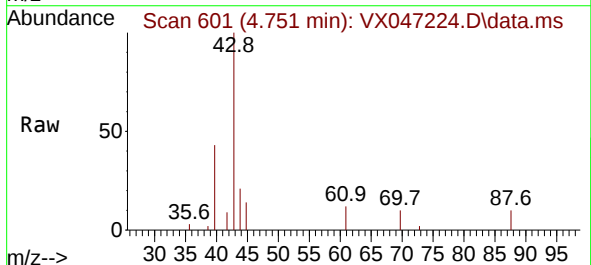


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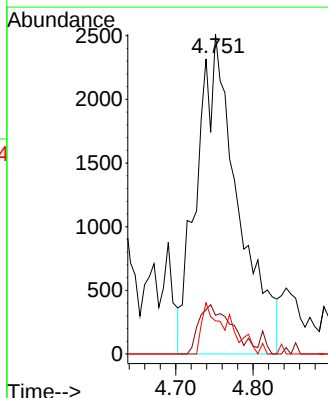
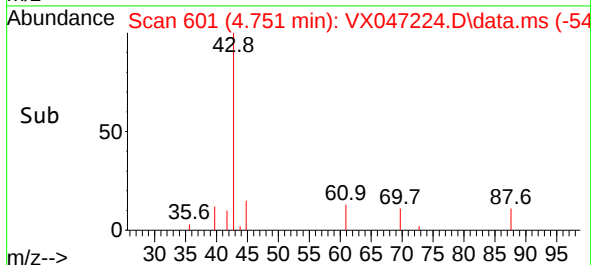
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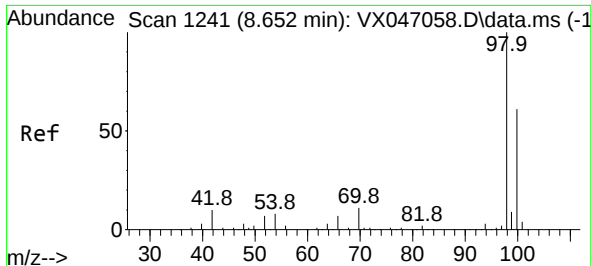


#37
Ethyl Acetate
Concen: 1.531 ug/l m
RT: 4.751 min Scan# 601
Delta R.T. 0.031 min
Lab File: VX047224.D
Acq: 04 Aug 2025 13:20



Tgt Ion: 43 Resp: 9191
Ion Ratio Lower Upper
43 100
61 12.5 10.2 15.2
70 10.2 8.1 12.1





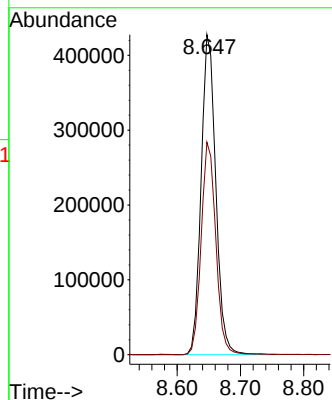
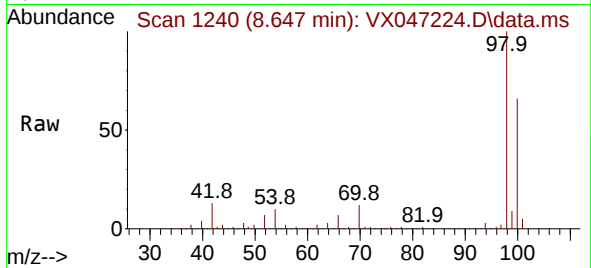
#50
Toluene-d8
Concen: 55.733 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047224.D
Acq: 04 Aug 2025 13:20

Instrument :
MSVOA_X
ClientSampleId :
VNJ-253

Tgt Ion: 98 Resp: 689769
Ion Ratio Lower Upper
98 100
100 66.3 53.3 79.9

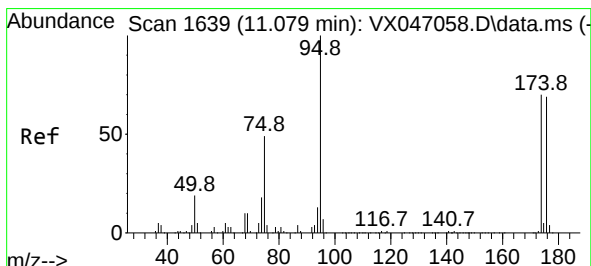
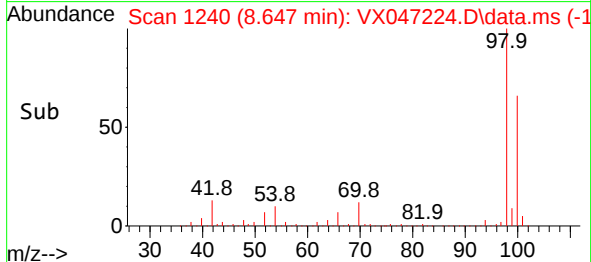
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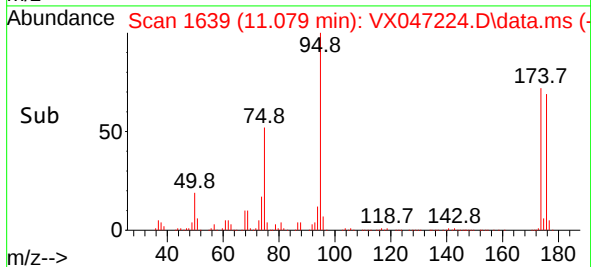
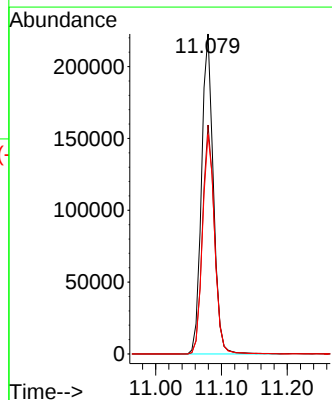
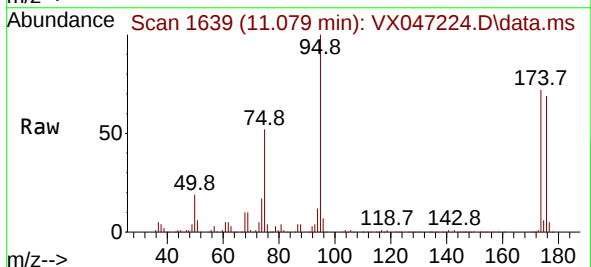
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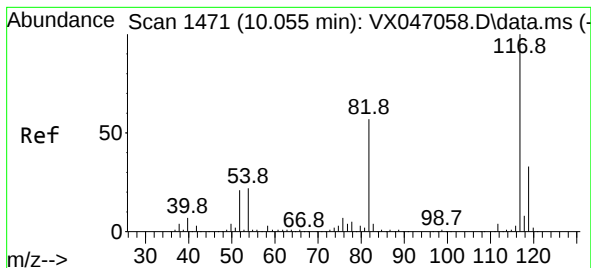
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#62
4-Bromofluorobenzene
Concen: 52.176 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.001 min
Lab File: VX047224.D
Acq: 04 Aug 2025 13:20

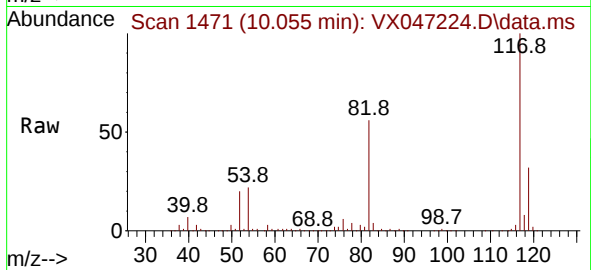
Tgt Ion: 95 Resp: 278279
Ion Ratio Lower Upper
95 100
174 72.5 0.0 144.6
176 70.4 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.001 min
Lab File: VX047224.D
Acq: 04 Aug 2025 13:20

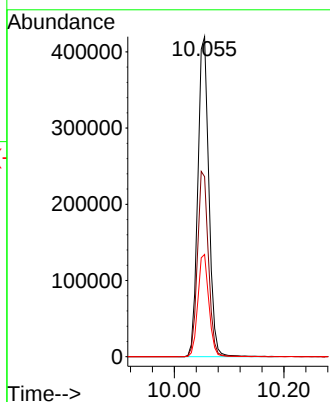
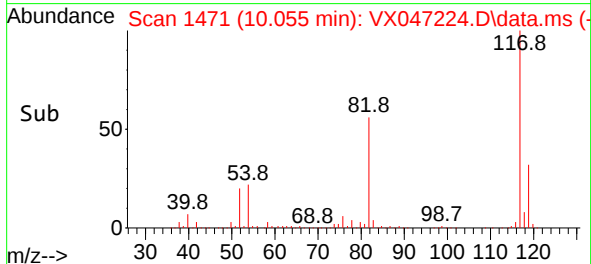
Instrument :
MSVOA_X
ClientSampleId :
VNJ-253



Tgt Ion:117 Resp: 587928
Ion Ratio Lower Upper
117 100
82 56.2 45.4 68.2
119 32.0 26.1 39.1

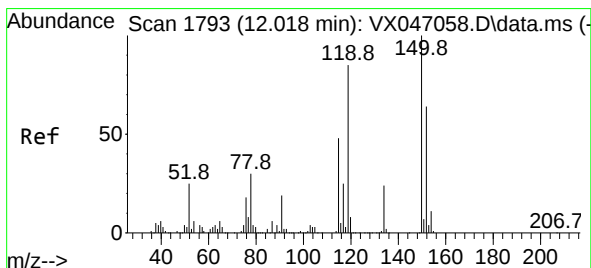
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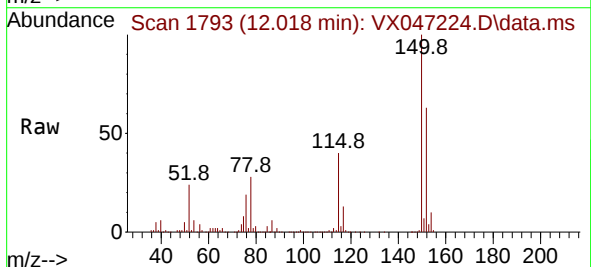


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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.001 min
Lab File: VX047224.D
Acq: 04 Aug 2025 13:20



Tgt Ion:152 Resp: 294593
Ion Ratio Lower Upper
152 100
115 62.5 45.6 136.7
150 156.9 0.0 354.6

