

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048286.D
 Acq On : 22 Oct 2025 11:00
 Operator : JC/MD
 Sample : Q3368-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PRESS-SLUDGE

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/24/2025
 Supervised By : Mahesh Dadoda 10/24/2025

Quant Time: Oct 24 05:53:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	6.129	168	81681m	50.000	ug/l	0.58
34) 1,4-Difluorobenzene	7.153	114	147201m	50.000	ug/l	0.41
63) Chlorobenzene-d5	10.104	117	179498	50.000	ug/l	0.07
72) 1,4-Dichlorobenzene-d4	12.018	152	96442	50.000	ug/l	0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.489	65	55140m	48.148	ug/l	0.55
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.300%
35) Dibromofluoromethane	5.995	113	48112m	47.876	ug/l	0.62
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.760%
50) Toluene-d8	8.787	98	188270	53.449	ug/l	0.15
Spiked Amount	50.000	Range	92 - 112	Recovery	=	106.900%
62) 4-Bromofluorobenzene	11.097	95	86413	64.486	ug/l	0.04
Spiked Amount	50.000	Range	83 - 123	Recovery	=	128.980%#

Target Compounds Qvalue

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

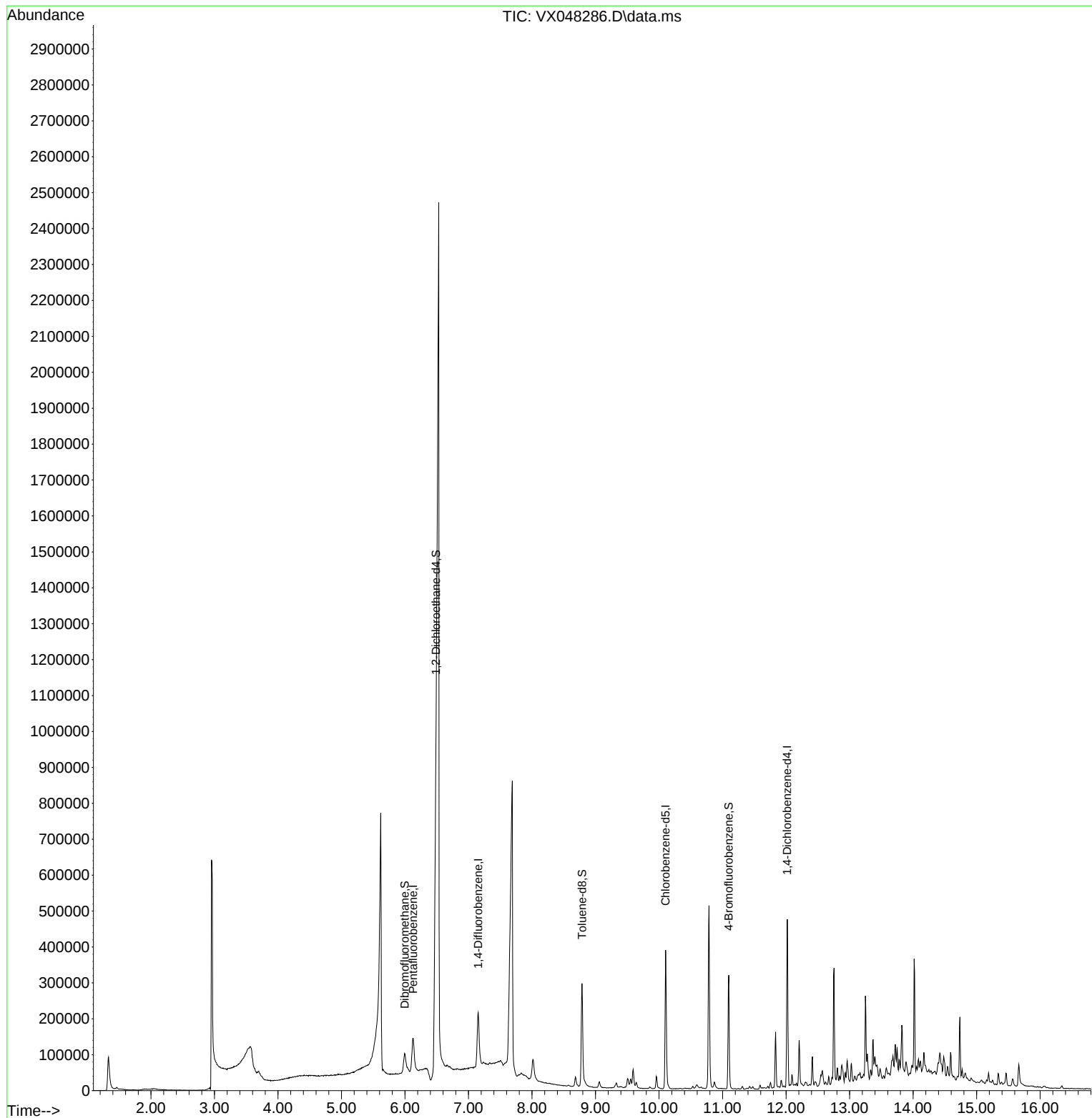
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
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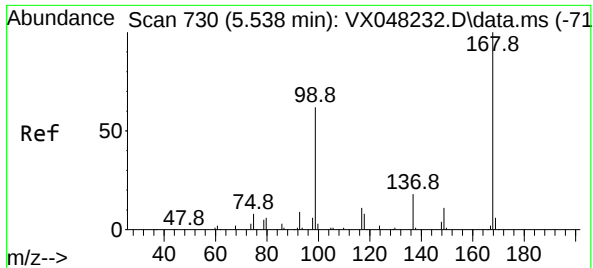
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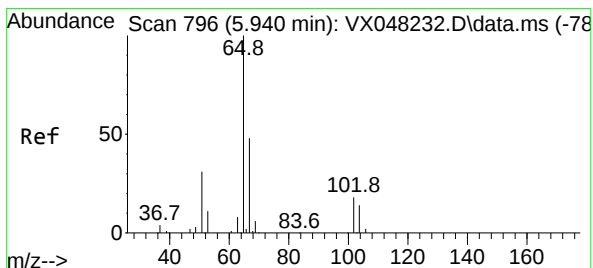
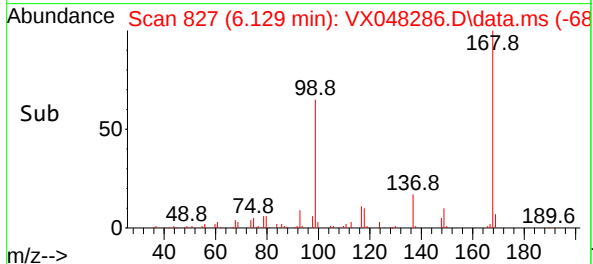
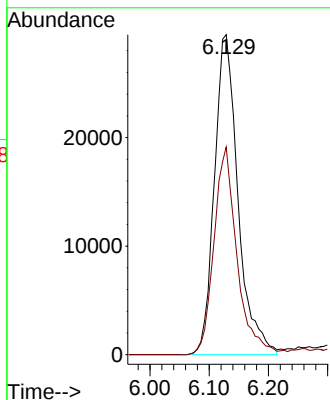
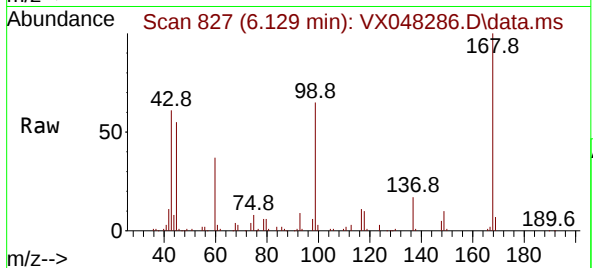
#1
Pentafluorobenzene
Concen: 50.000 ug/l m
RT: 6.129 min Scan# 81
Delta R.T. 0.585 min
Lab File: VX048286.D
Acq: 22 Oct 2025 11:00

Instrument :
MSVOA_X
ClientSampleId :
PRESS-SLUDGE

Tgt Ion:168 Resp: 8168
Ion Ratio Lower Upper
168 100
99 64.9 46.4 69.6

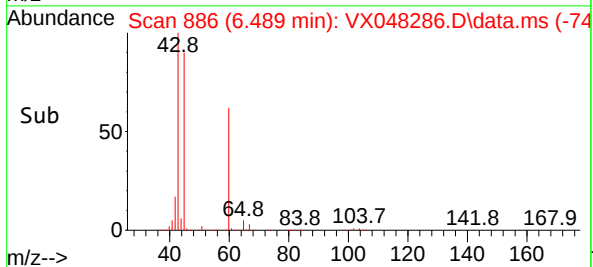
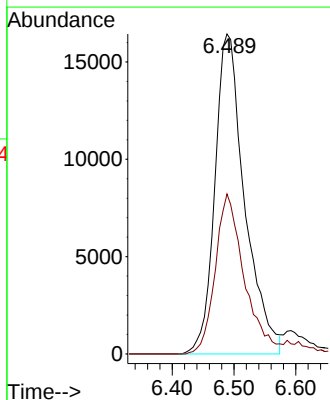
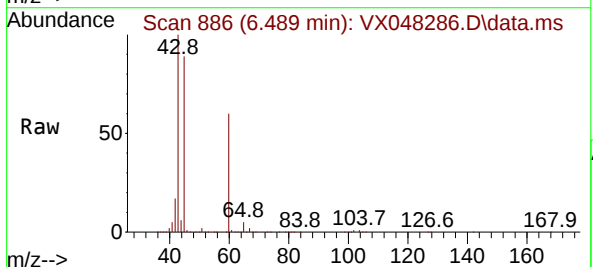
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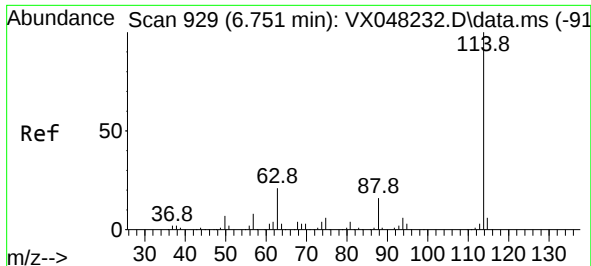
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#33
1,2-Dichloroethane-d4
Concen: 48.148 ug/l m
RT: 6.489 min Scan# 886
Delta R.T. 0.548 min
Lab File: VX048286.D
Acq: 22 Oct 2025 11:00

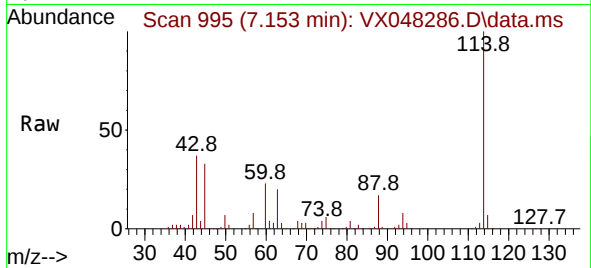
Tgt Ion: 65 Resp: 55140
Ion Ratio Lower Upper
65 100
67 0.0 0.0 105.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l m
RT: 7.153 min Scan# 91
Delta R.T. 0.408 min
Lab File: VX048286.D
Acq: 22 Oct 2025 11:00

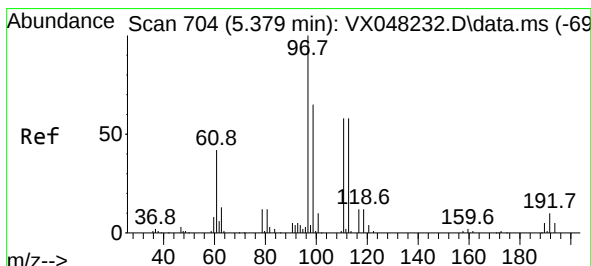
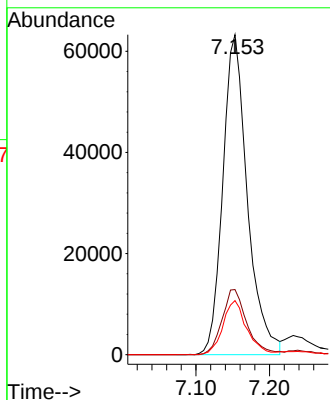
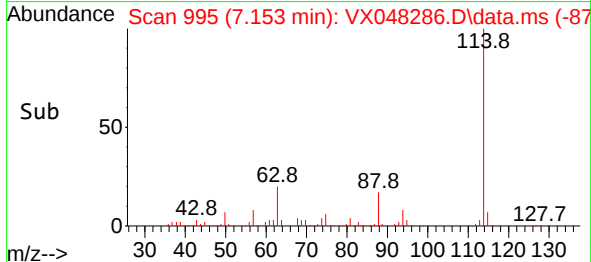
Instrument :
MSVOA_X
ClientSampleId :
PRESS-SLUDGE



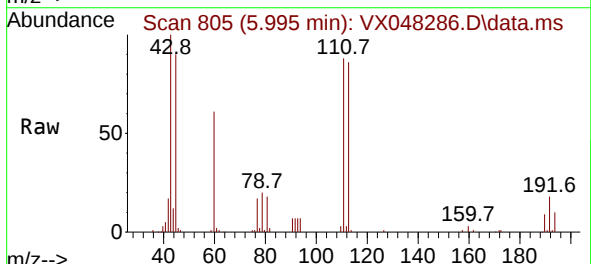
Tgt Ion:114 Resp: 14720
Ion Ratio Lower Upper
114 100
63 20.4 0.0 43.2
88 16.9 0.0 33.6

Manual Integrations
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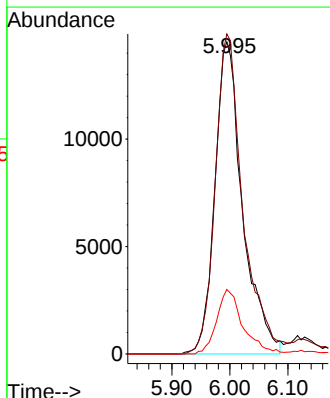
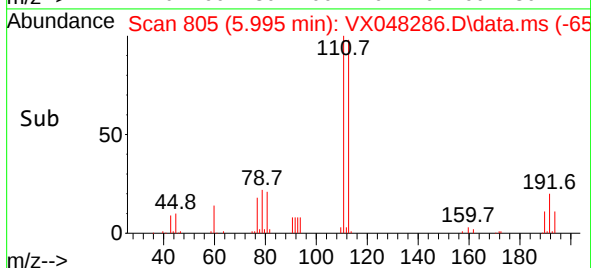
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

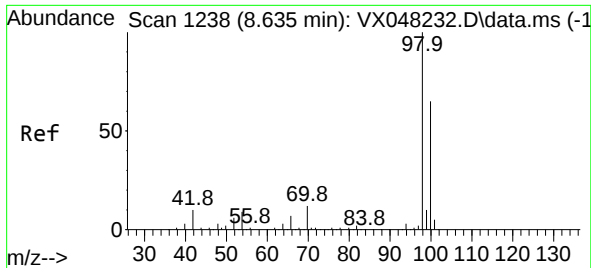


#35
Dibromofluoromethane
Concen: 47.876 ug/l m
RT: 5.995 min Scan# 805
Delta R.T. 0.622 min
Lab File: VX048286.D
Acq: 22 Oct 2025 11:00



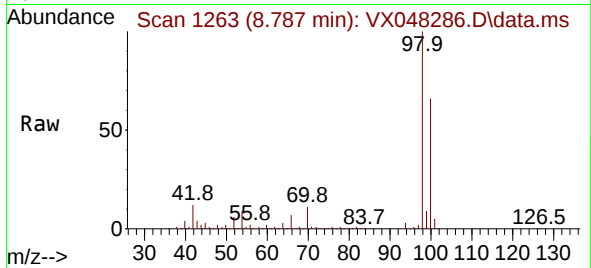
Tgt Ion:113 Resp: 48112
Ion Ratio Lower Upper
113 100
111 0.0 82.2 123.4#
192 0.0 15.1 22.7#





#50
Toluene-d8
Concen: 53.449 ug/l
RT: 8.787 min Scan# 11
Delta R.T. 0.152 min
Lab File: VX048286.D
Acq: 22 Oct 2025 11:00

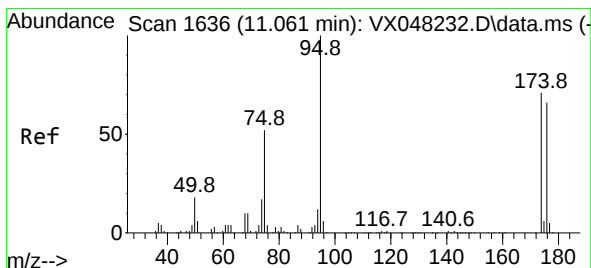
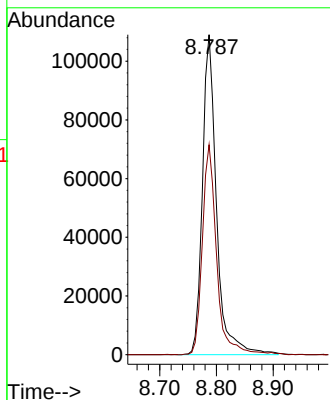
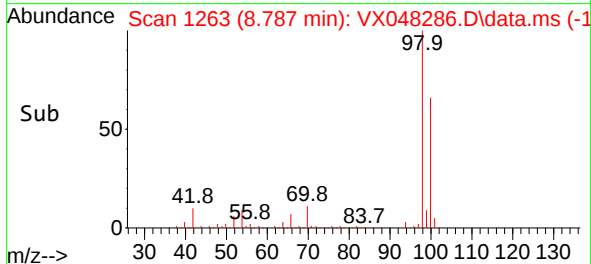
Instrument :
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Tgt Ion: 98 Resp: 188270
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4

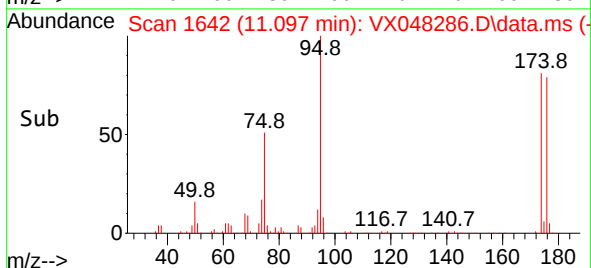
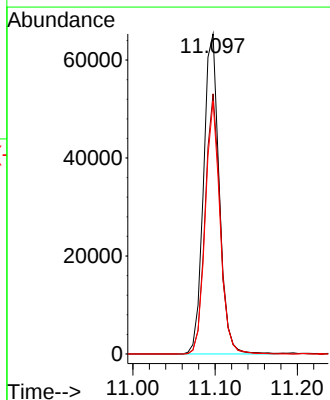
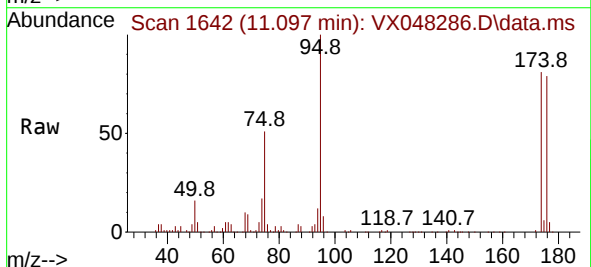
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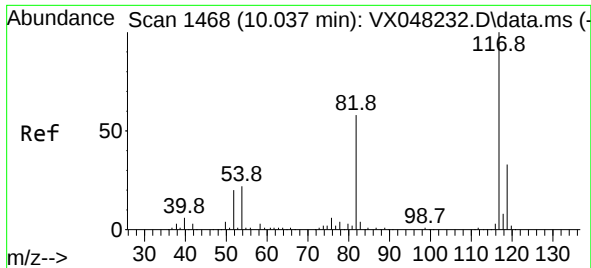
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#62
4-Bromofluorobenzene
Concen: 64.486 ug/l
RT: 11.097 min Scan# 1642
Delta R.T. 0.036 min
Lab File: VX048286.D
Acq: 22 Oct 2025 11:00

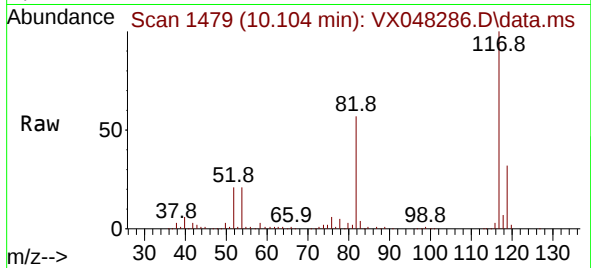
Tgt Ion: 95 Resp: 86413
Ion Ratio Lower Upper
95 100
174 78.5 0.0 147.8
176 74.7 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.104 min Scan# 1468
Delta R.T. 0.067 min
Lab File: VX048286.D
Acq: 22 Oct 2025 11:00

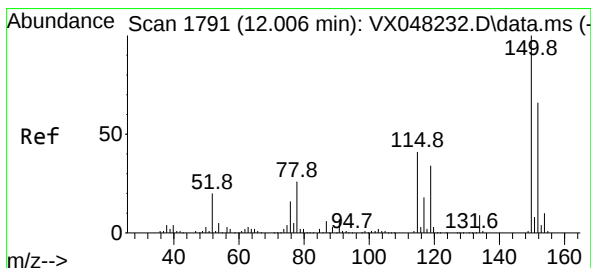
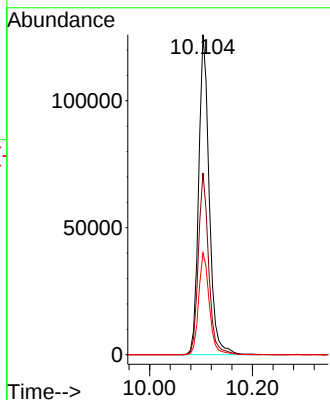
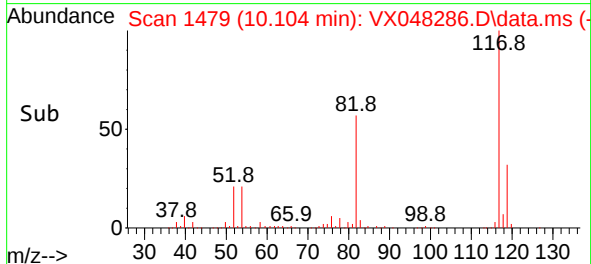
Instrument :
MSVOA_X
ClientSampleId :
PRESS-SLUDGE



Tgt Ion:117 Resp: 179498
Ion Ratio Lower Upper
117 100
82 56.8 46.5 69.7
119 31.8 25.9 38.9

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Supervised By :Mahesh Dadoda 10/24/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.012 min
Lab File: VX048286.D
Acq: 22 Oct 2025 11:00

Tgt Ion:152 Resp: 96442
Ion Ratio Lower Upper
152 100
115 60.6 43.1 129.4
150 158.2 0.0 353.0

