

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093025\
 Data File : VX047907.D
 Acq On : 30 Sep 2025 13:54
 Operator : JC/MD
 Sample : Q3156-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT191D2-20250918

Quant Time: Oct 01 01:09:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/01/2025
 Supervised By : Mahesh Dadoda 10/03/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	125420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	258118	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	260626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	130616	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	99715	49.948	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.900%		
35) Dibromofluoromethane	5.373	113	84767	48.968	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.940%		
50) Toluene-d8	8.635	98	286342	47.804	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.600%		
62) 4-Bromofluorobenzene	11.061	95	121214	53.321	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.640%		
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	2.331	101	4106	2.830	ug/l	97
12) 1,1-Dichloroethene	2.325	96	1035	0.695	ug/l #	82
16) Acetone	2.374	43	3322	3.827	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	1320	0.672	ug/l	93
30) Chloroform	5.093	83	1127m	0.352	ug/l	
44) Trichloroethene	7.111	130	130051	70.017	ug/l	98

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

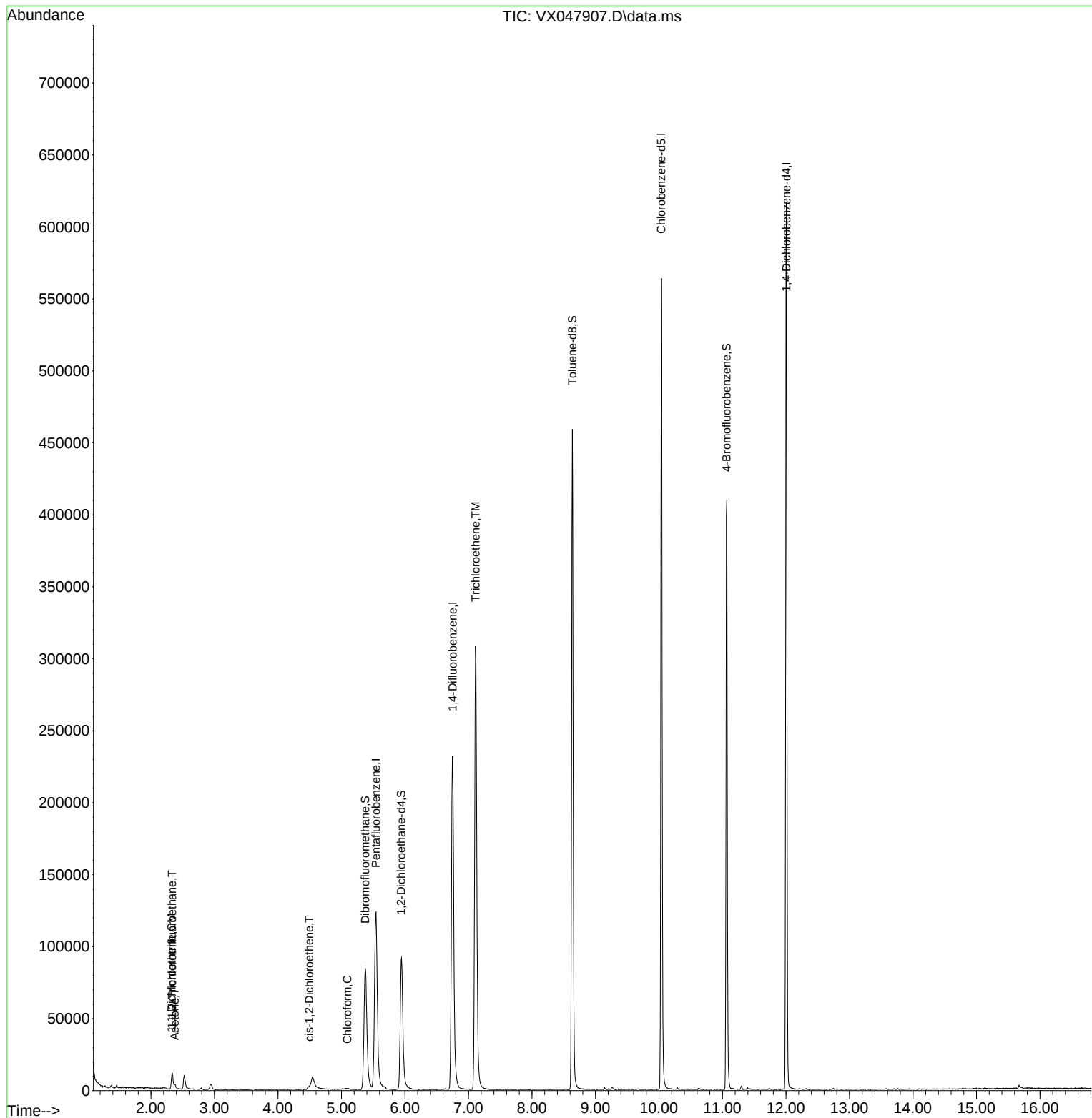
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093025\
Data File : VX047907.D
Acq On : 30 Sep 2025 13:54
Operator : JC/MD
Sample : Q3156-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

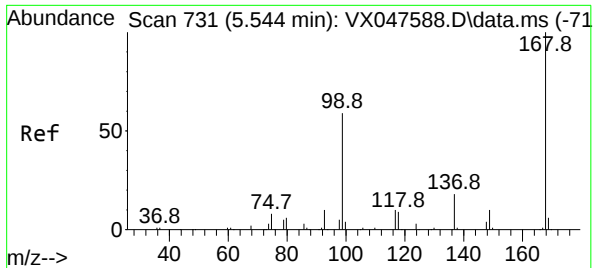
Instrument :
MSVOA_X
ClientSampleId :
TT191D2-20250918

Quant Time: Oct 01 01:09:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

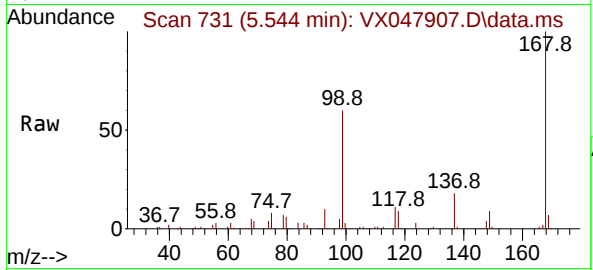
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047907.D
Acq: 30 Sep 2025 13:54

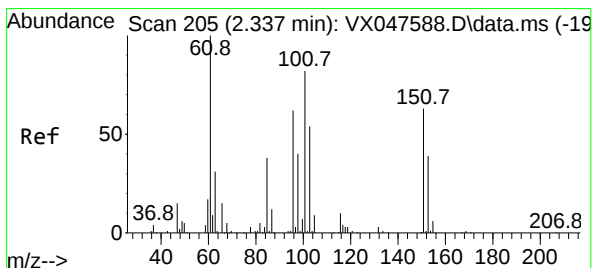
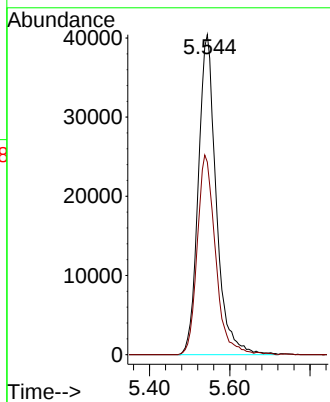
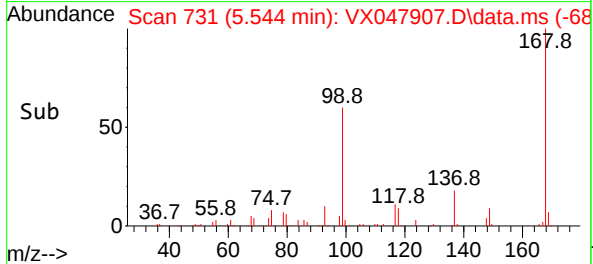
Instrument :
MSVOA_X
ClientSampleId :
TT191D2-20250918



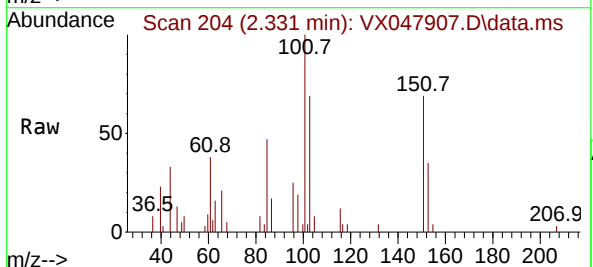
Tgt Ion:168 Resp: 125420
Ion Ratio Lower Upper
168 100
99 60.2 48.8 73.2

Manual Integrations
APPROVED

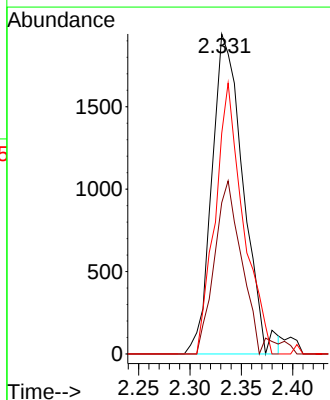
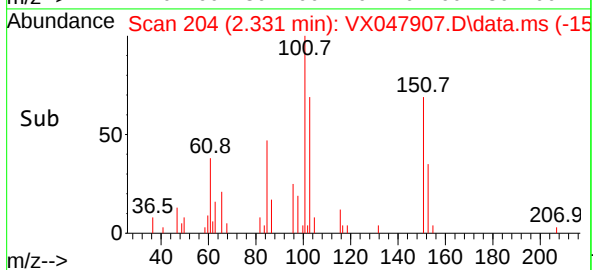
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025

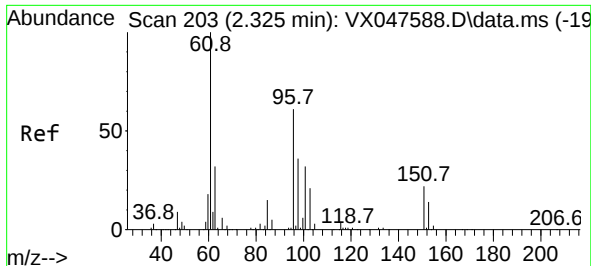


#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.830 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX047907.D
Acq: 30 Sep 2025 13:54



Tgt Ion:101 Resp: 4106
Ion Ratio Lower Upper
101 100
85 47.8 35.5 53.3
151 75.7 59.4 89.0





#12

1,1-Dichloroethene

Concen: 0.695 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.000 min

Lab File: VX047907.D

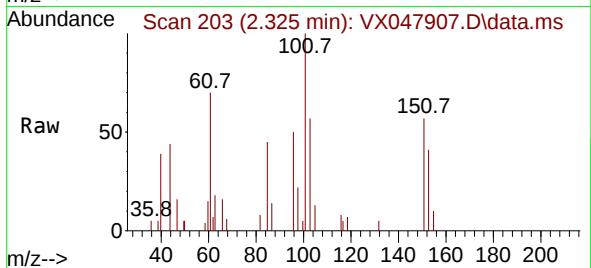
Acq: 30 Sep 2025 13:54

Instrument :

MSVOA_X

ClientSampleId :

TT191D2-20250918



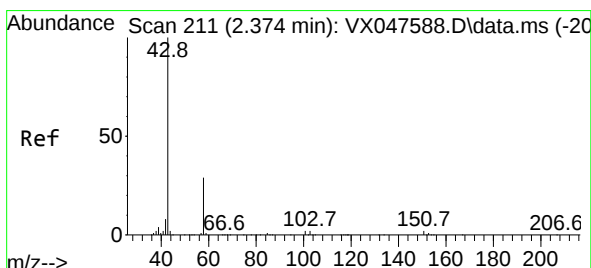
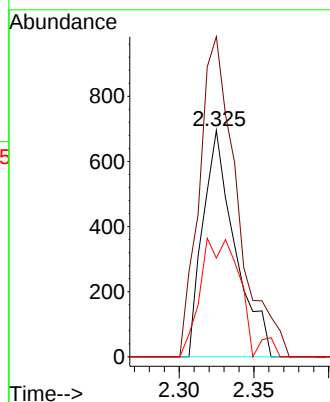
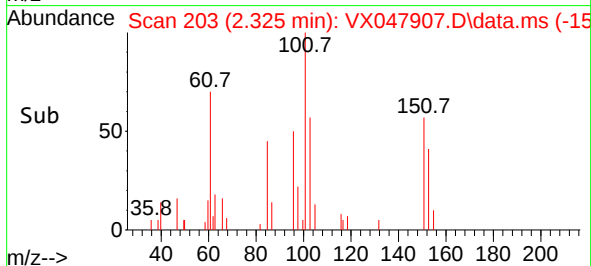
Tgt Ion:	96	Resp:	103
Ion	Ratio	Lower	Upper
96	100		
61	141.4	131.0	196.6
98	43.6	47.7	71.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2025

Supervised By :Mahesh Dadoda 10/03/2025



#16

Acetone

Concen: 3.827 ug/l

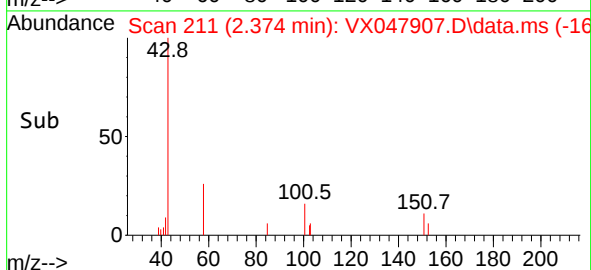
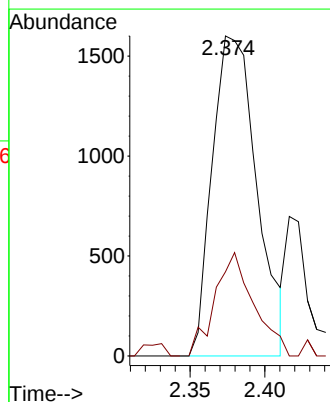
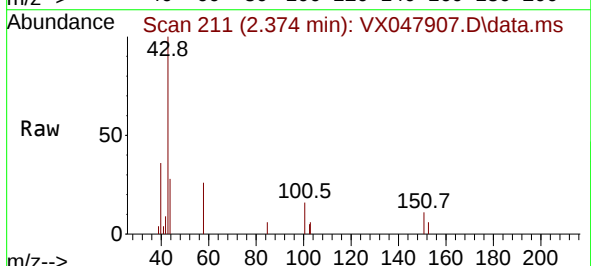
RT: 2.374 min Scan# 211

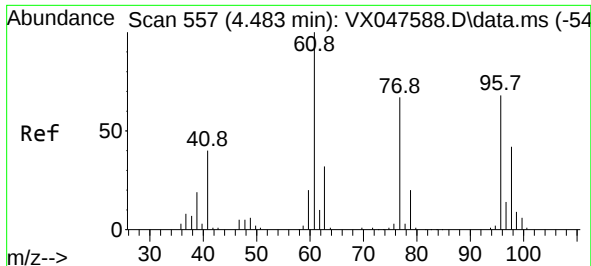
Delta R.T. 0.000 min

Lab File: VX047907.D

Acq: 30 Sep 2025 13:54

Tgt Ion:	43	Resp:	3322
Ion	Ratio	Lower	Upper
43	100		
58	24.7	23.4	35.0





#27

cis-1,2-Dichloroethene

Concen: 0.672 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX047907.D

Acq: 30 Sep 2025 13:54

Instrument :

MSVOA_X

ClientSampleId :

TT191D2-20250918

Tgt Ion: 96 Resp: 1320

Ion Ratio Lower Upper

96 100

61 145.5 0.0 303.2

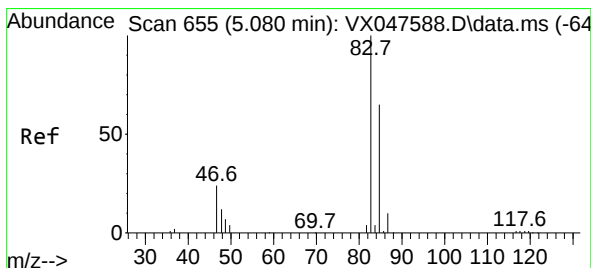
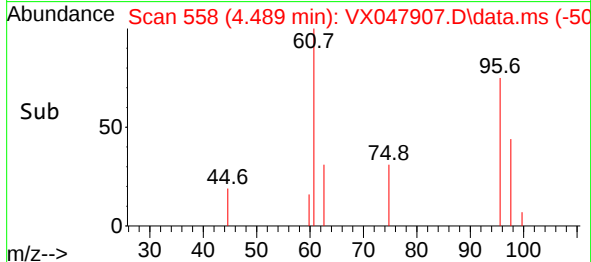
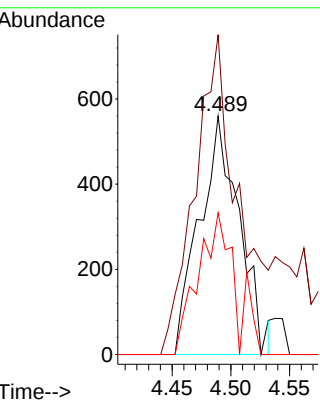
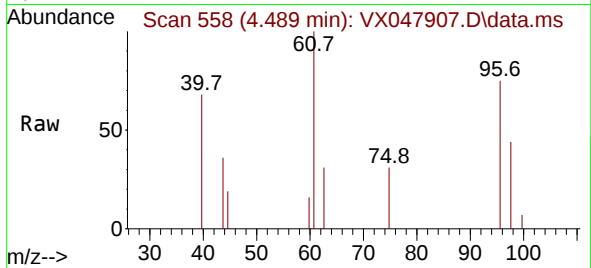
98 55.2 0.0 127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2025

Supervised By :Mahesh Dadoda 10/03/2025



#30

Chloroform

Concen: 0.352 ug/l m

RT: 5.093 min Scan# 657

Delta R.T. 0.012 min

Lab File: VX047907.D

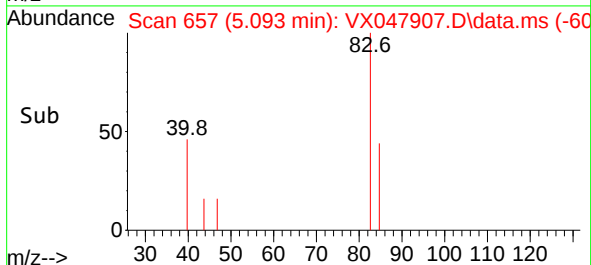
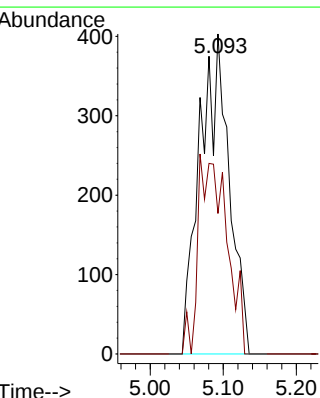
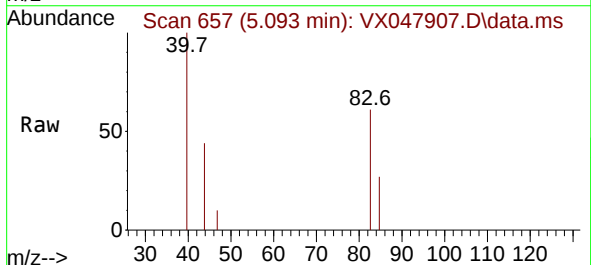
Acq: 30 Sep 2025 13:54

Tgt Ion: 83 Resp: 1127

Ion Ratio Lower Upper

83 100

85 43.9 51.8 77.6#





#33

1,2-Dichloroethane-d4

Concen: 49.948 ug/l

RT: 5.940 min Scan# 796

Delta R.T. 0.000 min

Lab File: VX047907.D

Acq: 30 Sep 2025 13:54

Instrument :

MSVOA_X

ClientSampleId :

TT191D2-20250918

Tgt Ion: 65 Resp: 9971

Ion Ratio Lower Upper

65 100

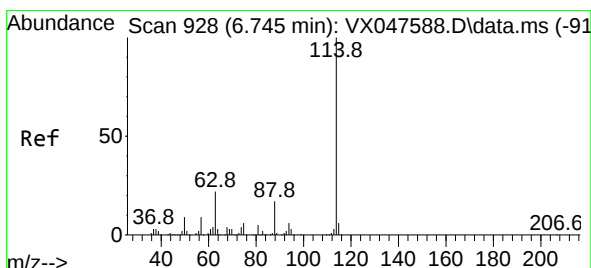
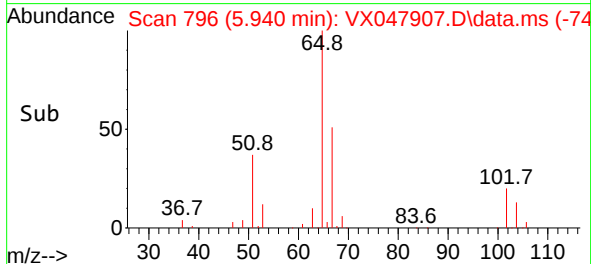
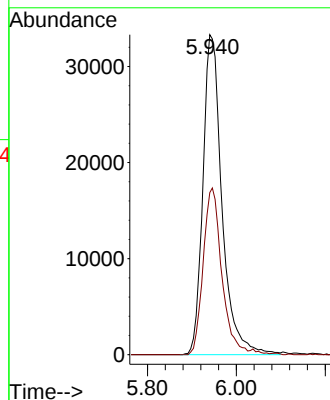
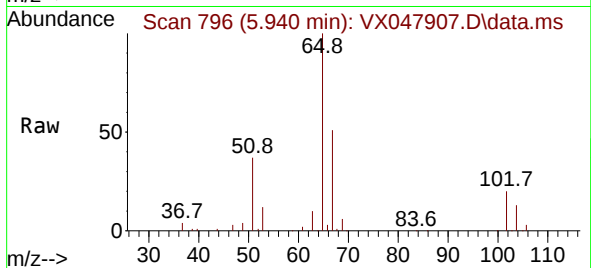
67 50.7 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2025

Supervised By :Mahesh Dadoda 10/03/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX047907.D

Acq: 30 Sep 2025 13:54

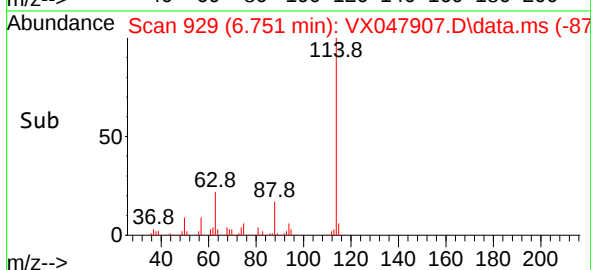
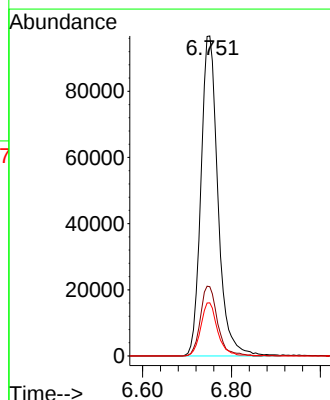
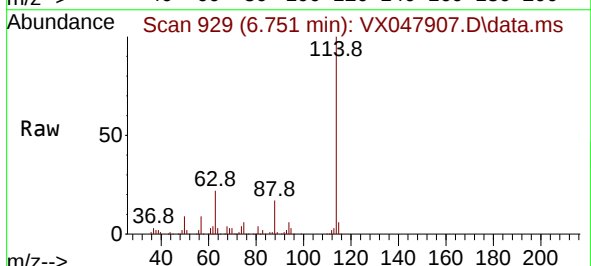
Tgt Ion:114 Resp: 258118

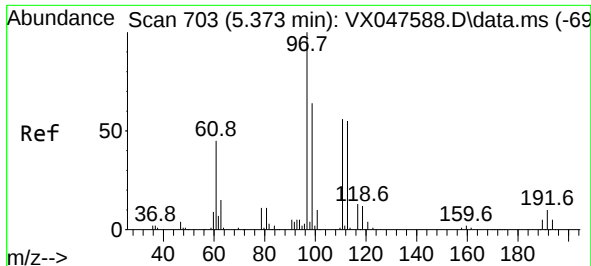
Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.0

88 16.6 0.0 34.2





#35

Dibromofluoromethane

Concen: 48.968 ug/l

RT: 5.373 min Scan# 703

Delta R.T. 0.000 min

Lab File: VX047907.D

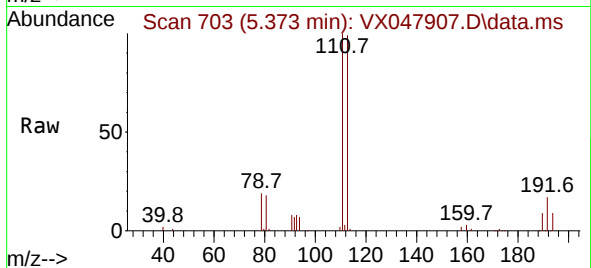
Acq: 30 Sep 2025 13:54

Instrument :

MSVOA_X

ClientSampleId :

TT191D2-20250918



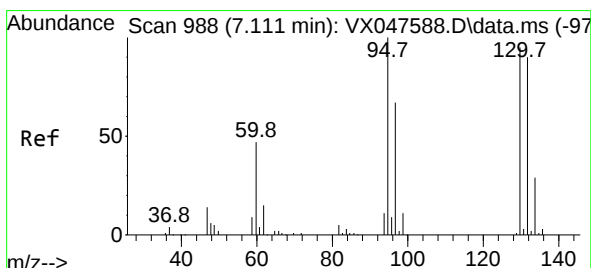
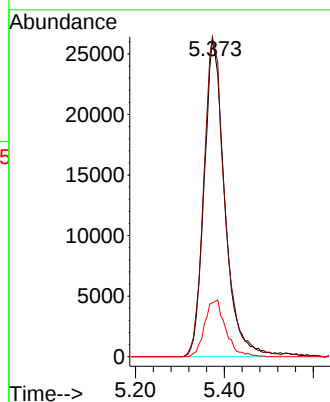
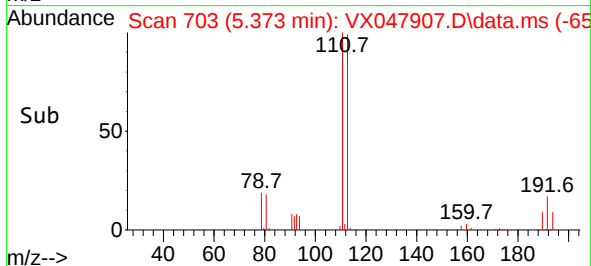
Tgt Ion:	113	Resp:	8476
Ion Ratio	Lower	Upper	
113	100		
111	102.5	80.9	121.3
192	18.0	14.2	21.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/01/2025

Supervised By :Mahesh Dadoda 10/03/2025



#44

Trichloroethene

Concen: 70.017 ug/l

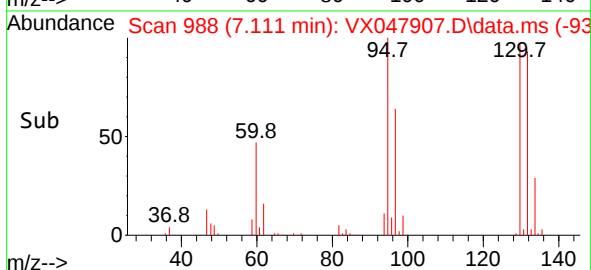
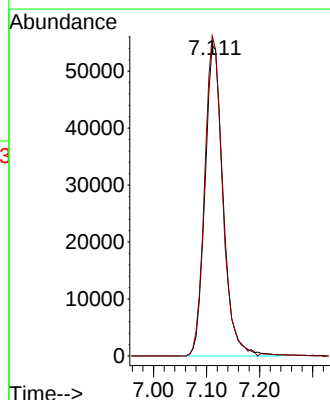
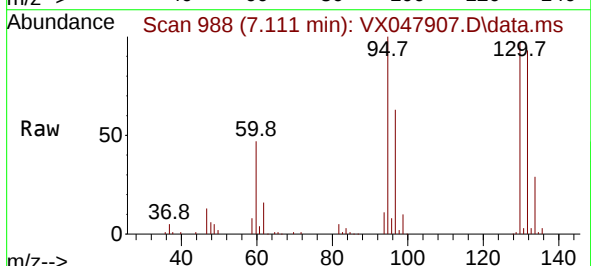
RT: 7.111 min Scan# 988

Delta R.T. 0.000 min

Lab File: VX047907.D

Acq: 30 Sep 2025 13:54

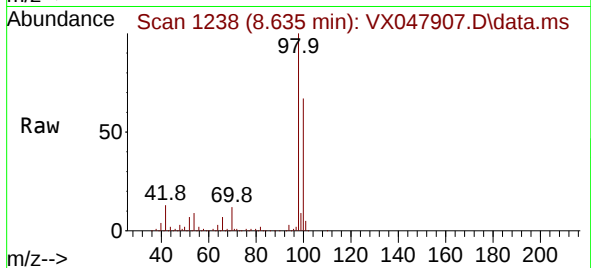
Tgt Ion:	130	Resp:	130051
Ion Ratio	Lower	Upper	
130	100		
95	103.0	0.0	210.8





#50
Toluene-d8
Concen: 47.804 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047907.D
Acq: 30 Sep 2025 13:54

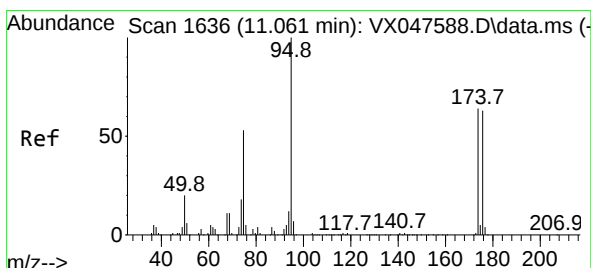
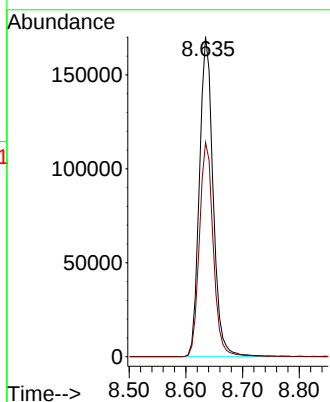
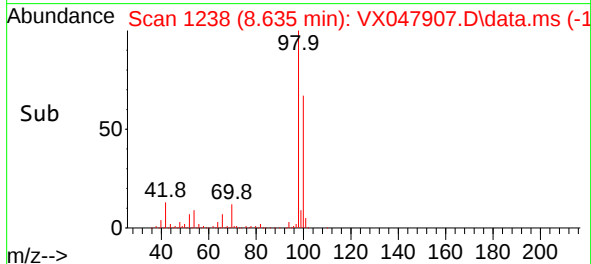
Instrument :
MSVOA_X
ClientSampleId :
TT191D2-20250918



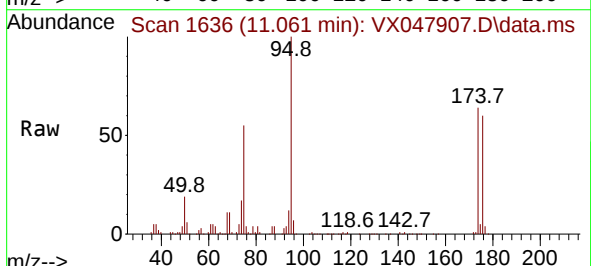
Tgt Ion: 98 Resp: 28634
Ion Ratio Lower Upper
98 100
100 67.9 53.0 79.4

Manual Integrations
APPROVED

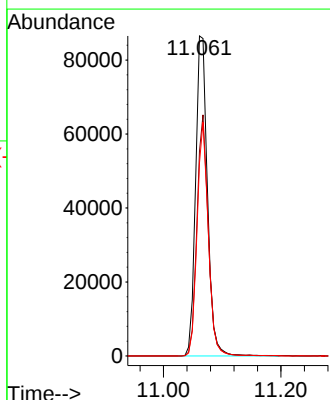
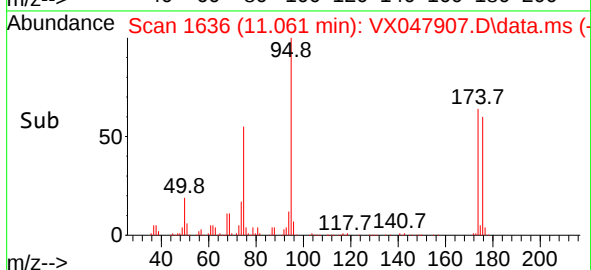
Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#62
4-Bromofluorobenzene
Concen: 53.321 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX047907.D
Acq: 30 Sep 2025 13:54



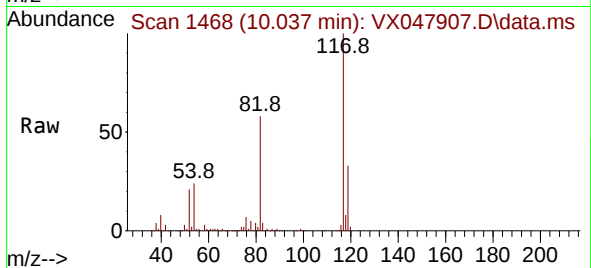
Tgt Ion: 95 Resp: 121214
Ion Ratio Lower Upper
95 100
174 72.3 0.0 141.6
176 69.2 0.0 138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX047907.D
Acq: 30 Sep 2025 13:54

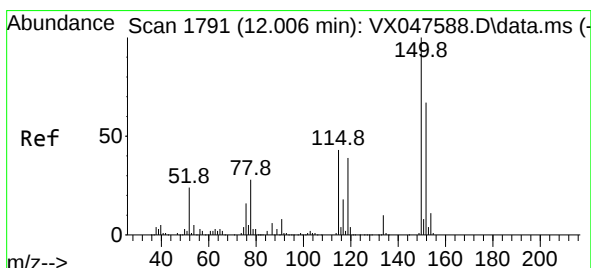
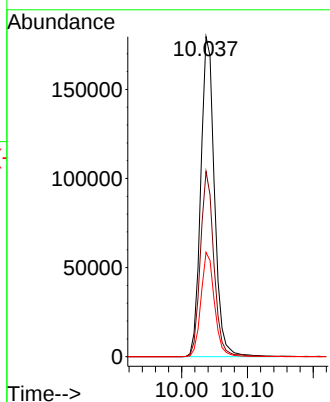
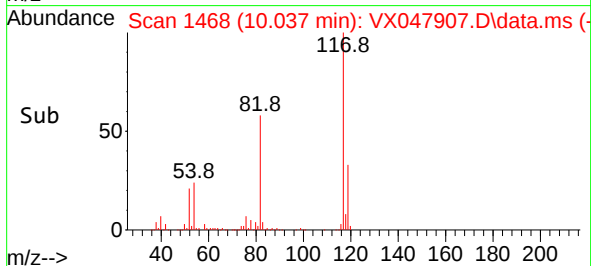
Instrument :
MSVOA_X
ClientSampleId :
TT191D2-20250918



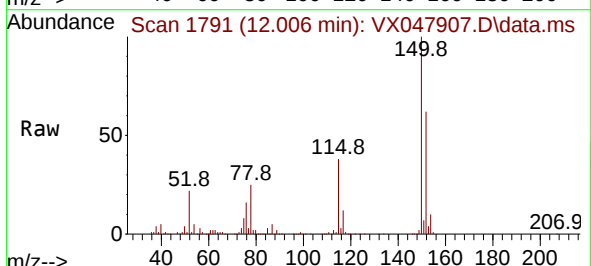
Tgt Ion:117 Resp: 260620
Ion Ratio Lower Upper
117 100
82 57.9 47.8 71.6
119 32.6 25.2 37.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/01/2025
Supervised By :Mahesh Dadoda 10/03/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047907.D
Acq: 30 Sep 2025 13:54



Tgt Ion:152 Resp: 130616
Ion Ratio Lower Upper
152 100
115 61.4 44.9 134.5
150 157.0 0.0 352.0

