

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
 Data File : VX046269.D
 Acq On : 19 May 2025 15:47
 Operator : JC/MD
 Sample : Q2053-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-11

Quant Time: May 20 00:49:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	62114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	124849	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	116019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63657	54.971	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.940%			
35) Dibromofluoromethane	5.385	113	45350	50.442	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.880%			
50) Toluene-d8	8.647	98	157291	50.548	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.100%			
62) 4-Bromofluorobenzene	11.079	95	60212	50.445	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.900%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.965	59	2835	17.441	ug/l	100
16) Acetone	2.380	43	42581	91.709	ug/l	96
18) Methyl Acetate	2.703	43	3119	2.895	ug/l #	89
20) Methylene Chloride	2.788	84	9387	10.550	ug/l	90
25) 2-Butanone	4.574	43	10290	15.265	ug/l #	90
40) Benzene	6.038	78	24406	6.898	ug/l	98
43) Isopropyl Acetate	6.349	43	15005	6.590	ug/l	95
52) Toluene	8.720	92	17579	8.103	ug/l	99
68) m/p-Xylenes	10.299	106	6044	3.692	ug/l	93
69) o-Xylene	10.640	106	4988	3.125	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	11693m	3.481	ug/l	
95) Naphthalene	13.774	128	116218	32.681	ug/l	100

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

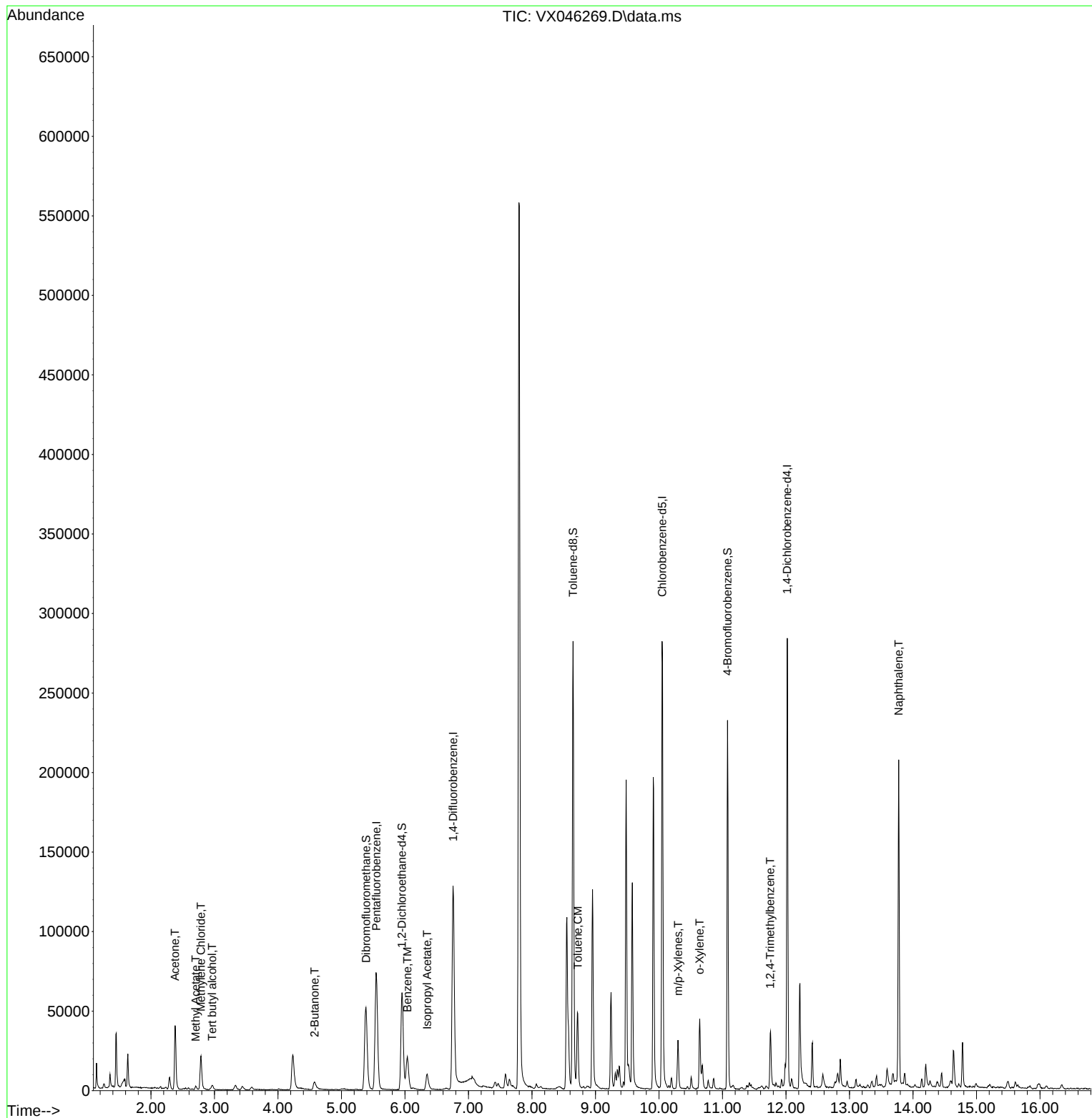
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046269.D
Acq On : 19 May 2025 15:47
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Quant Time: May 20 00:49:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
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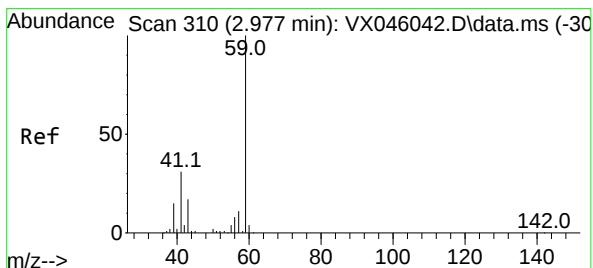
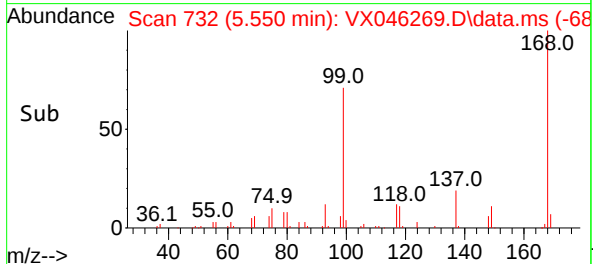
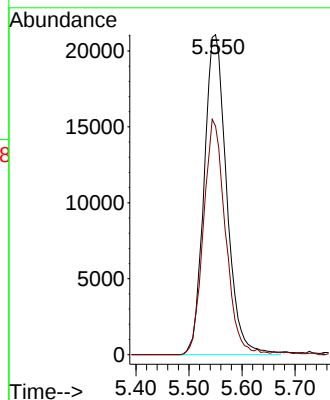
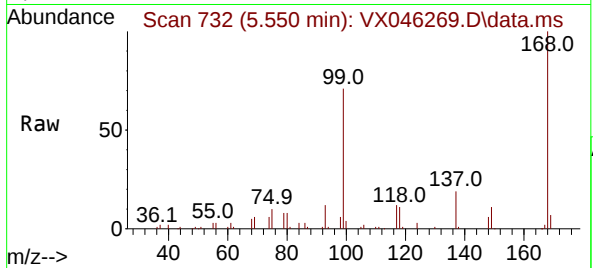
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046269.D
Acq: 19 May 2025 15:47

Instrument :
MSVOA_X
ClientSampleId :
SB-11

Tgt Ion:168 Resp: 62114
Ion Ratio Lower Upper
168 100
99 71.4 54.9 82.3

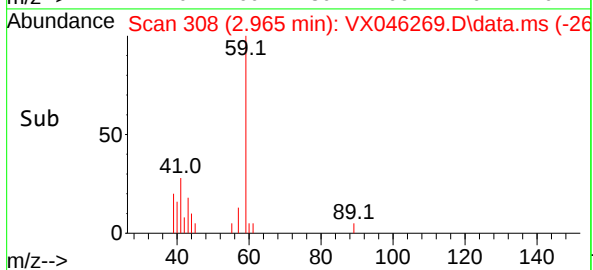
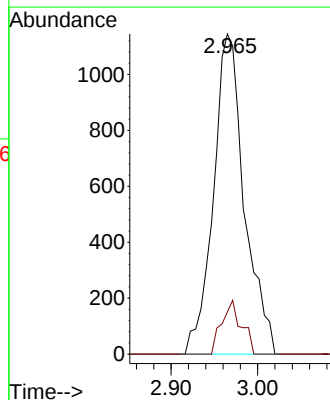
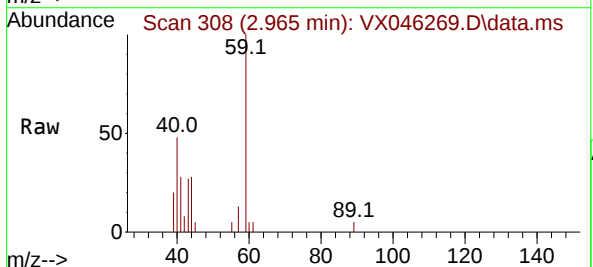
Manual Integrations
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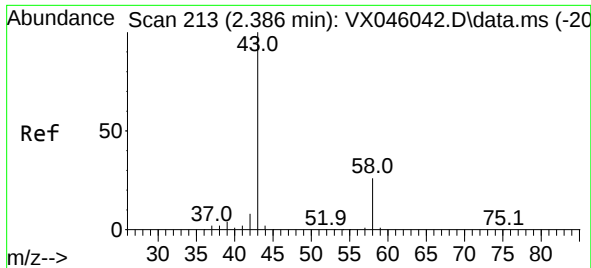
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#11
Tert butyl alcohol
Concen: 17.441 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX046269.D
Acq: 19 May 2025 15:47

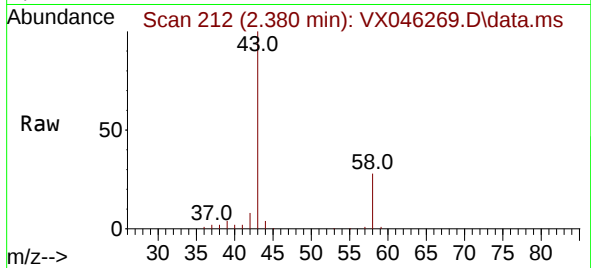
Tgt Ion: 59 Resp: 2835
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8





#16
Acetone
Concen: 91.709 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046269.D
Acq: 19 May 2025 15:47

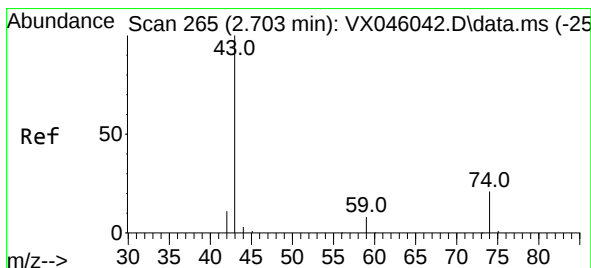
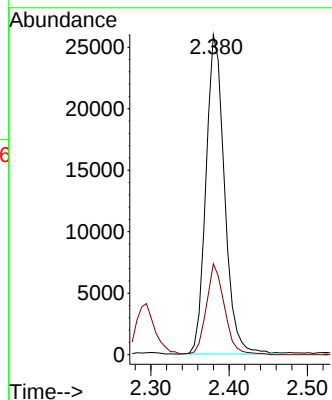
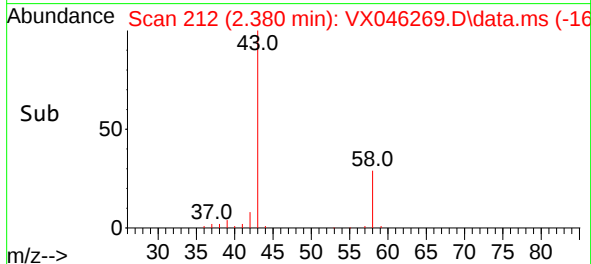
Instrument : MSVOA_X
ClientSampleId : SB-11



Tgt Ion: 43 Resp: 4258
Ion Ratio Lower Upper
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58 28.5 21.2 31.8

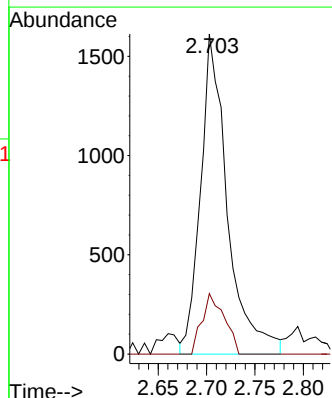
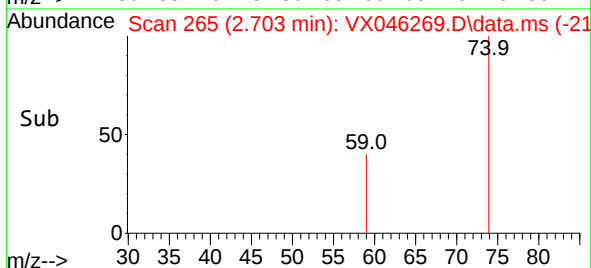
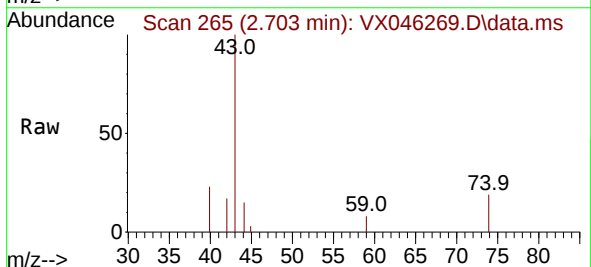
Manual Integrations
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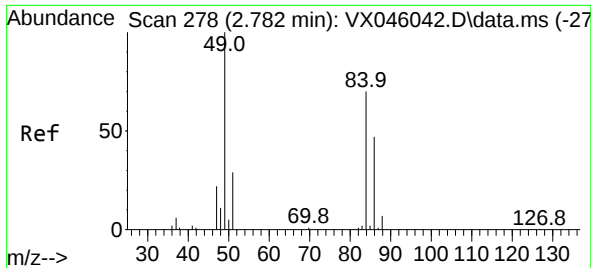
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#18
Methyl Acetate
Concen: 2.895 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX046269.D
Acq: 19 May 2025 15:47

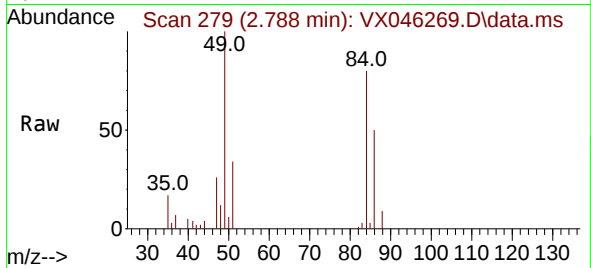
Tgt Ion: 43 Resp: 3119
Ion Ratio Lower Upper
43 100
74 15.7 16.7 25.1





#20
Methylene Chloride
Concen: 10.550 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046269.D
Acq: 19 May 2025 15:47

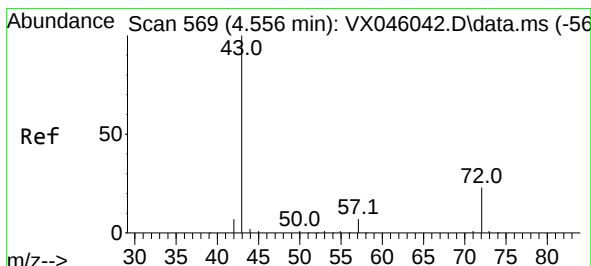
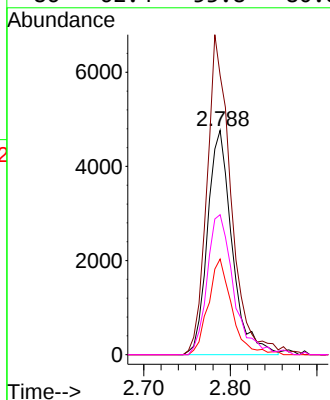
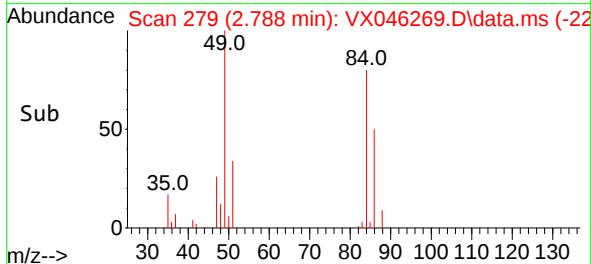
Instrument :
MSVOA_X
ClientSampleId :
SB-11



Tgt Ion: 84 Resp: 938
Ion Ratio Lower Upper
84 100
49 124.5 113.9 170.9
51 42.7 33.5 50.3
86 62.4 53.8 80.8

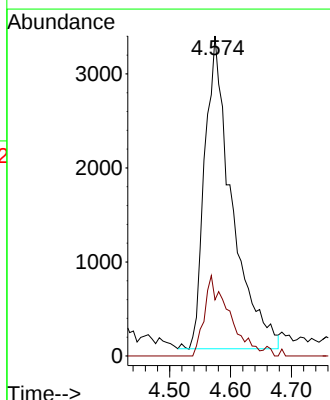
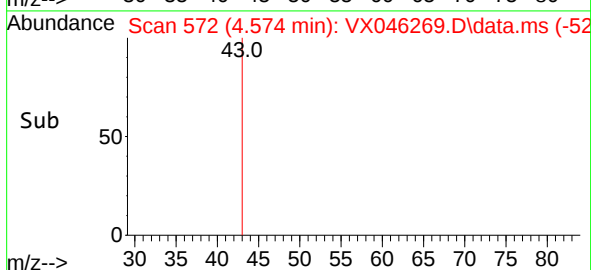
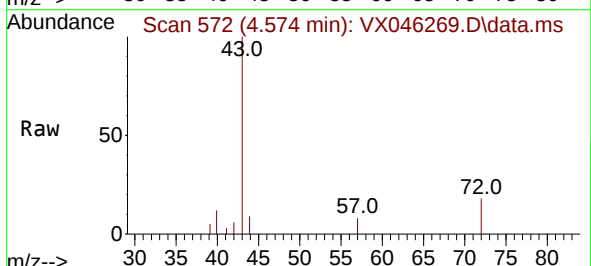
Manual Integrations
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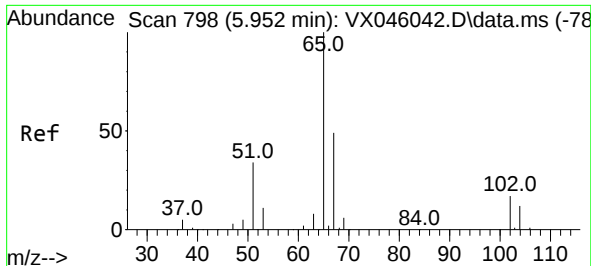
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#25
2-Butanone
Concen: 15.265 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX046269.D
Acq: 19 May 2025 15:47

Tgt Ion: 43 Resp: 10290
Ion Ratio Lower Upper
43 100
72 17.9 18.4 27.6#





#33

1,2-Dichloroethane-d4

Concen: 54.971 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX046269.D

Acq: 19 May 2025 15:47

Instrument :

MSVOA_X

ClientSampleId :

SB-11

Tgt Ion: 65 Resp: 6365

Ion Ratio Lower Upper

65 100

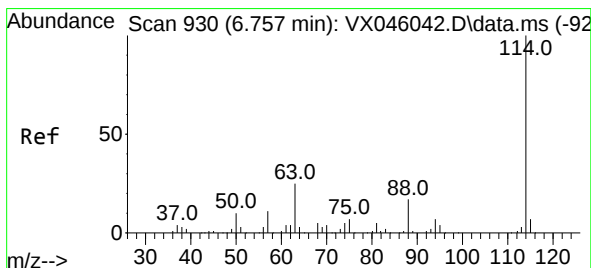
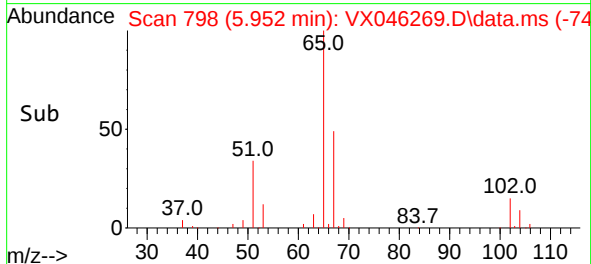
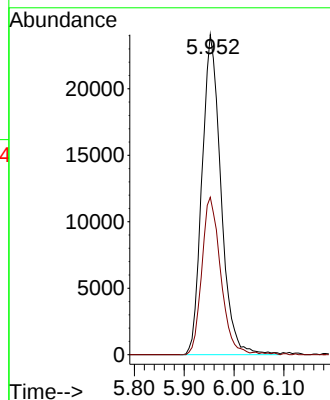
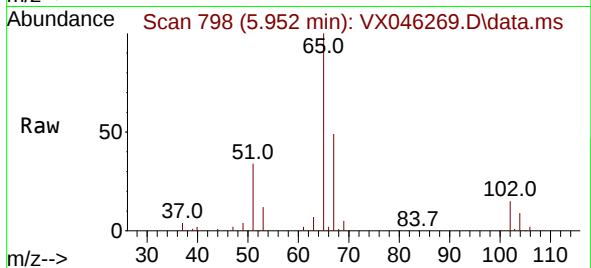
67 49.2 0.0 99.0

Manual Integrations

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Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX046269.D

Acq: 19 May 2025 15:47

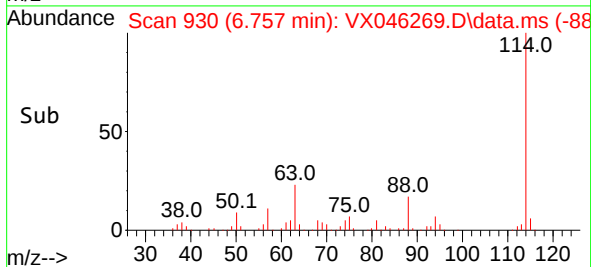
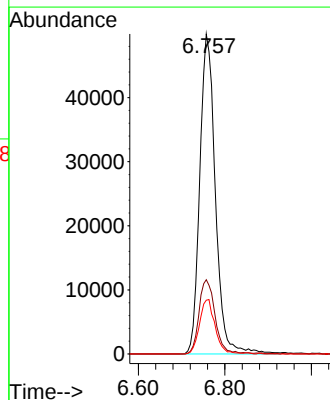
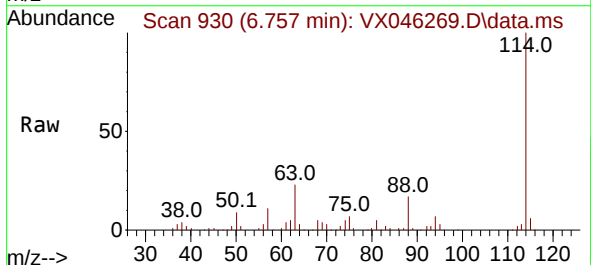
Tgt Ion:114 Resp: 124849

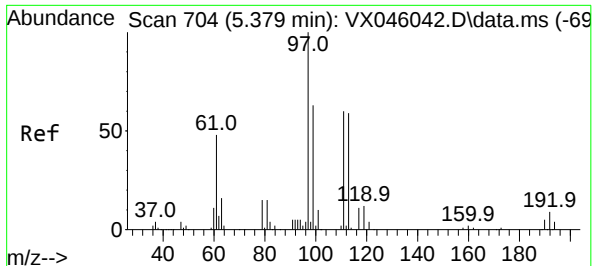
Ion Ratio Lower Upper

114 100

63 23.2 0.0 49.2

88 16.8 0.0 33.6





#35

Dibromofluoromethane

Concen: 50.442 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX046269.D

Acq: 19 May 2025 15:47

Instrument :

MSVOA_X

ClientSampleId :

SB-11

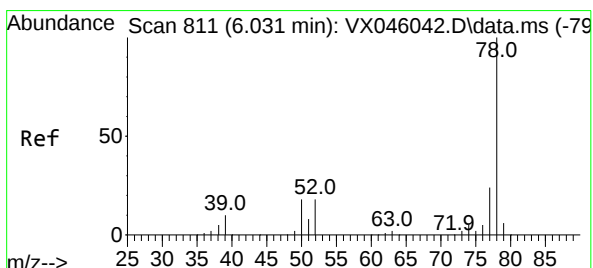
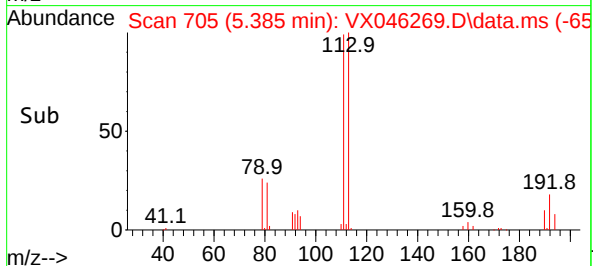
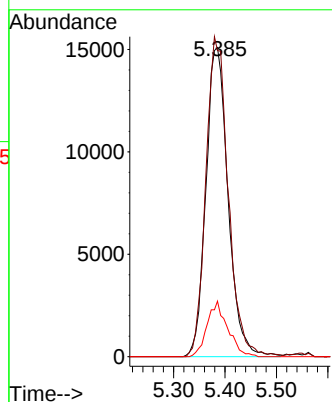
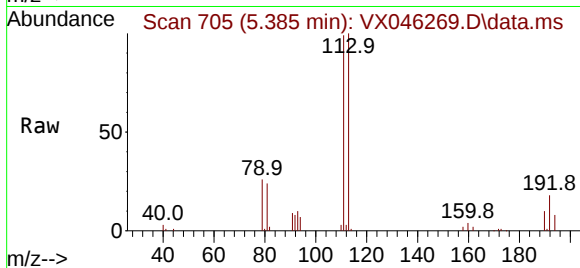
Tgt Ion:	113	Resp:	45350
Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.1	124.7
192	16.6	13.3	19.9

Manual Integrations

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Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#40

Benzene

Concen: 6.898 ug/l

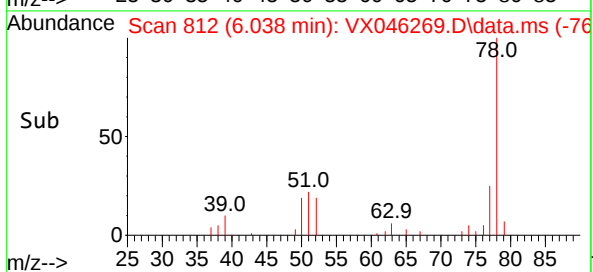
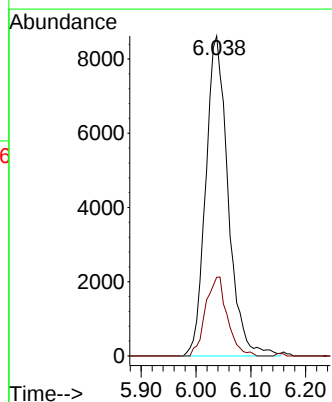
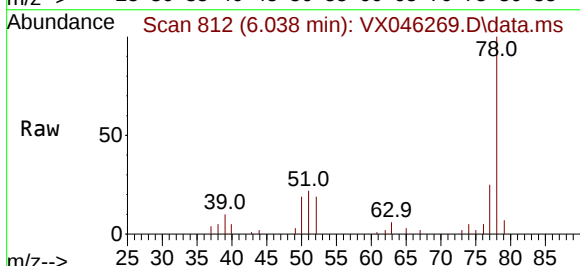
RT: 6.038 min Scan# 812

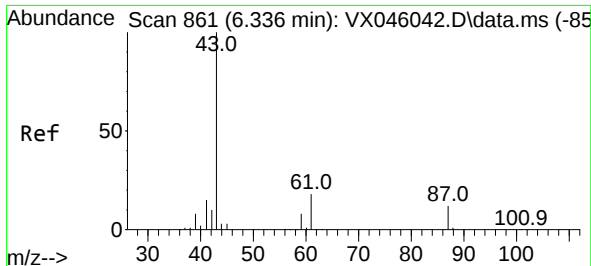
Delta R.T. 0.006 min

Lab File: VX046269.D

Acq: 19 May 2025 15:47

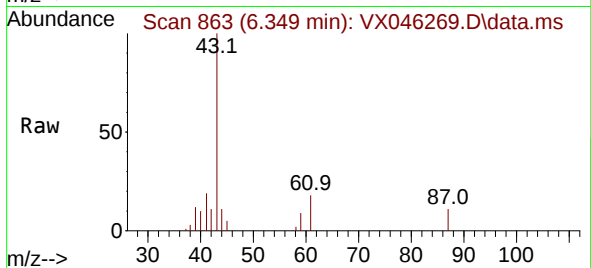
Tgt Ion:	78	Resp:	24406
Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.0	28.4





#43
Isopropyl Acetate
Concen: 6.590 ug/l
RT: 6.349 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX046269.D
Acq: 19 May 2025 15:47

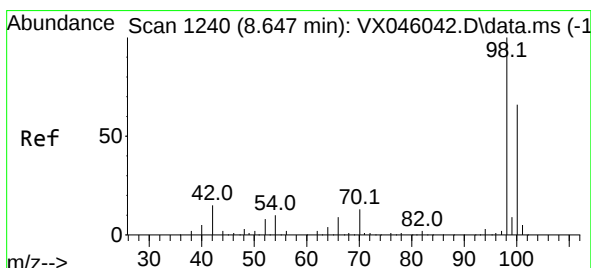
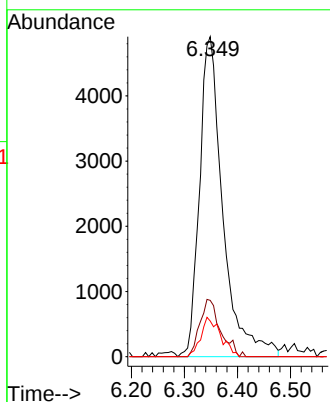
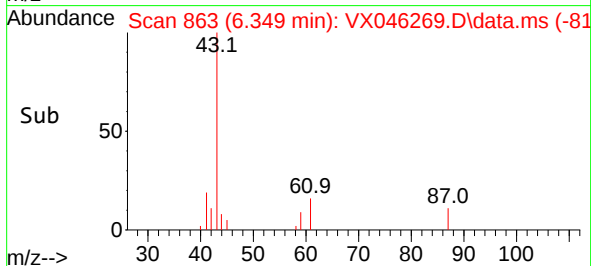
Instrument :
MSVOA_X
ClientSampleId :
SB-11



Tgt Ion: 43 Resp: 1500
Ion Ratio Lower Upper
43 100
61 15.7 14.3 21.5
87 10.4 9.5 14.3

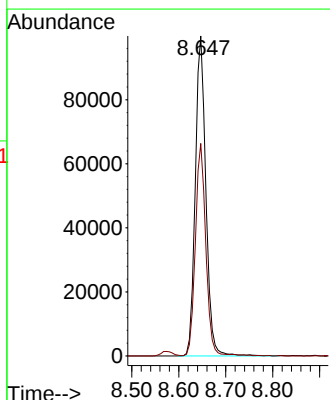
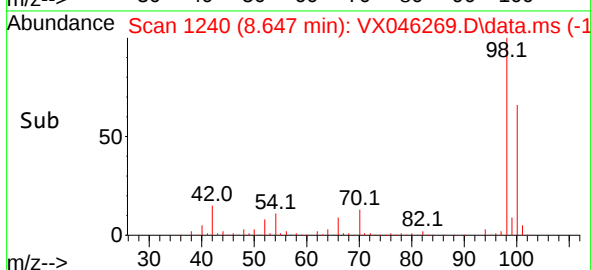
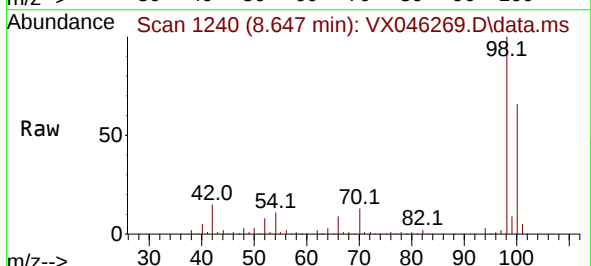
Manual Integrations
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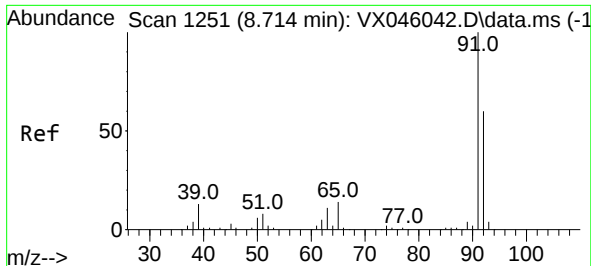
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#50
Toluene-d8
Concen: 50.548 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046269.D
Acq: 19 May 2025 15:47

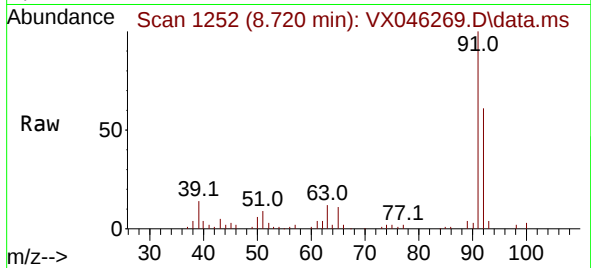
Tgt Ion: 98 Resp: 157291
Ion Ratio Lower Upper
98 100
100 65.1 53.5 80.3





#52
Toluene
Concen: 8.103 ug/l
RT: 8.720 min Scan# 1251
Delta R.T. 0.006 min
Lab File: VX046269.D
Acq: 19 May 2025 15:47

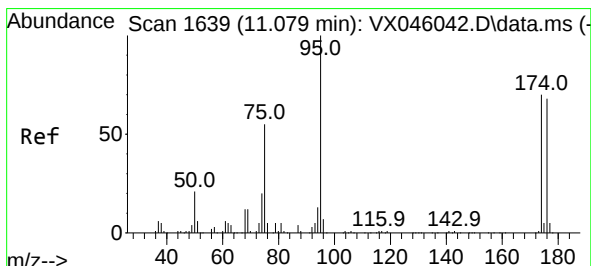
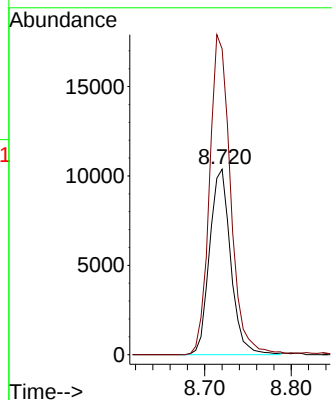
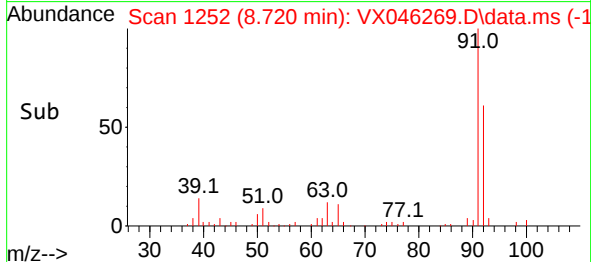
Instrument :
MSVOA_X
ClientSampleId :
SB-11



Tgt Ion: 92 Resp: 17579
Ion Ratio Lower Upper
92 100
91 172.3 136.6 205.0

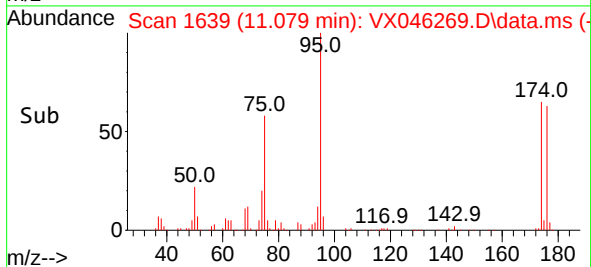
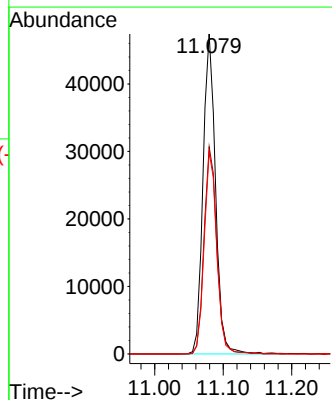
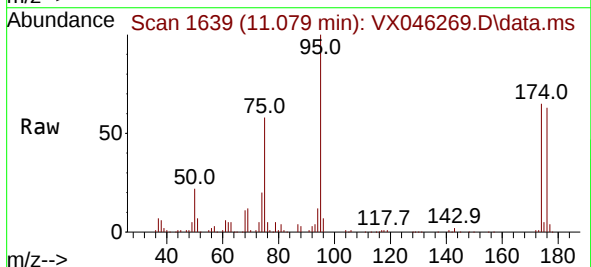
Manual Integrations
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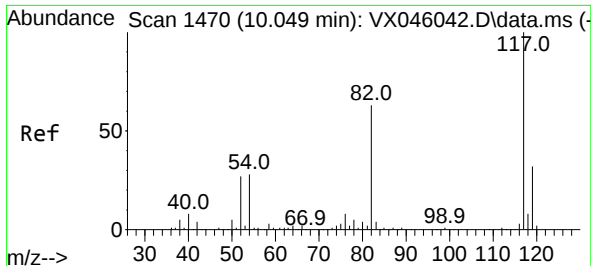
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#62
4-Bromofluorobenzene
Concen: 50.445 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046269.D
Acq: 19 May 2025 15:47

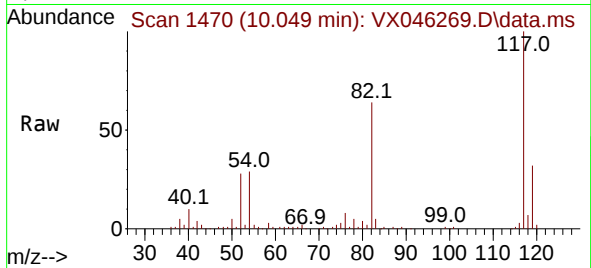
Tgt Ion: 95 Resp: 60212
Ion Ratio Lower Upper
95 100
174 66.1 0.0 135.8
176 63.2 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046269.D
Acq: 19 May 2025 15:47

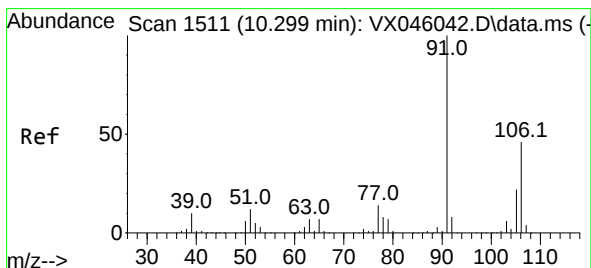
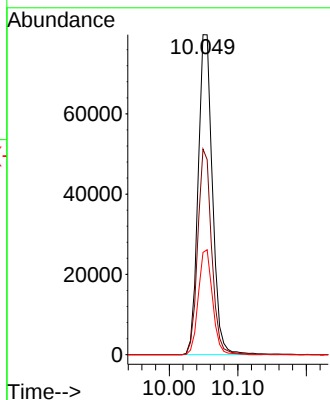
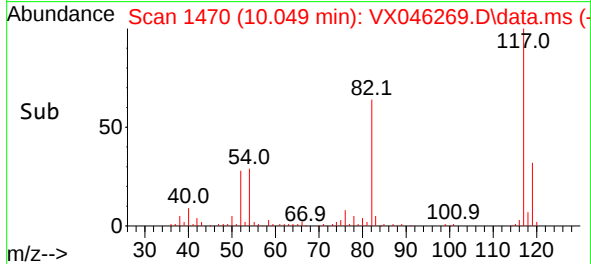
Instrument :
MSVOA_X
ClientSampleId :
SB-11



Tgt Ion:117 Resp: 116019
Ion Ratio Lower Upper
117 100
82 64.3 50.6 76.0
119 31.9 25.8 38.6

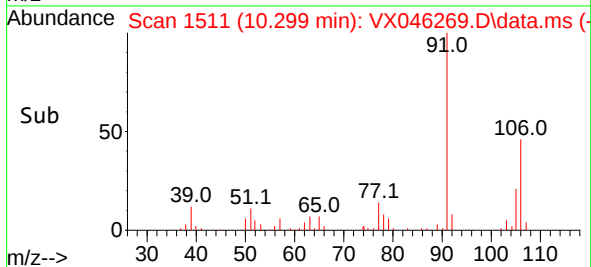
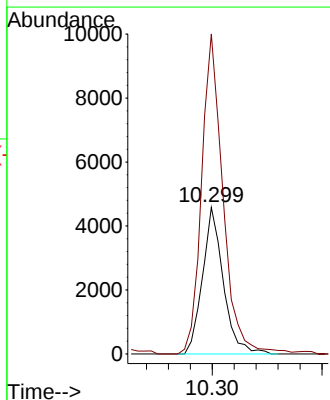
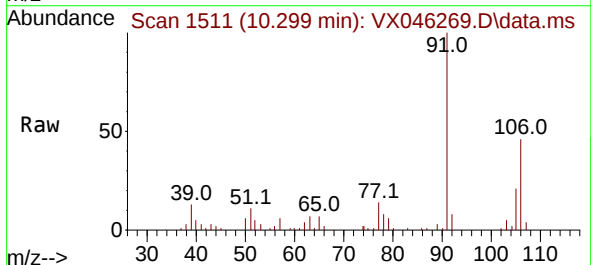
Manual Integrations
APPROVED

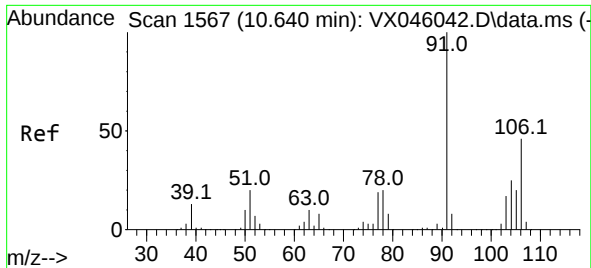
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#68
m/p-Xylenes
Concen: 3.692 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046269.D
Acq: 19 May 2025 15:47

Tgt Ion:106 Resp: 6044
Ion Ratio Lower Upper
106 100
91 224.9 171.2 256.8





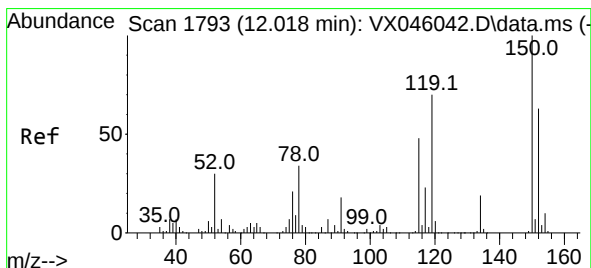
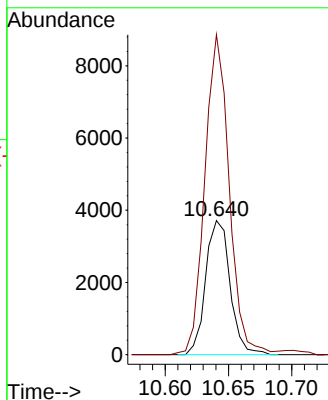
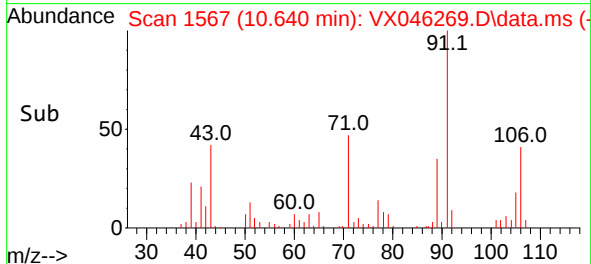
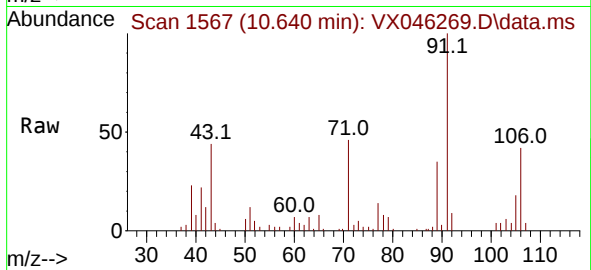
#69
o-Xylene
Concen: 3.125 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046269.D
Acq: 19 May 2025 15:47

Instrument :
MSVOA_X
ClientSampleId :
SB-11

Tgt Ion:106 Resp: 498
Ion Ratio Lower Upper
106 100
91 238.4 112.7 338.1

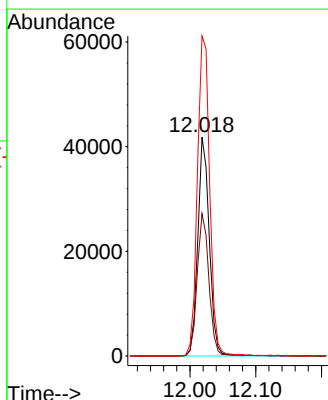
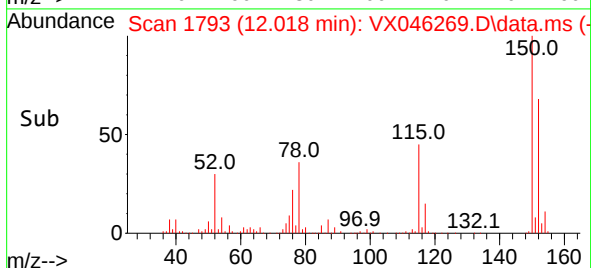
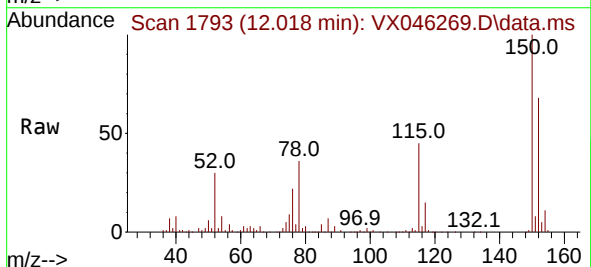
Manual Integrations
APPROVED

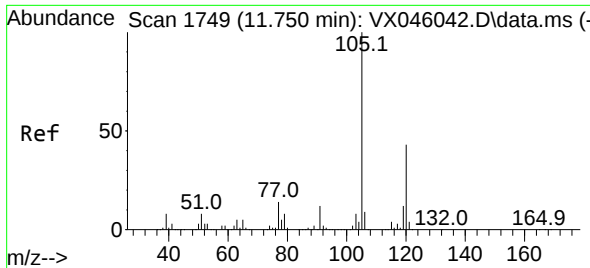
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046269.D
Acq: 19 May 2025 15:47

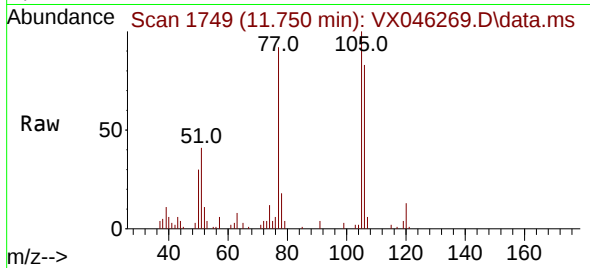
Tgt Ion:152 Resp: 50998
Ion Ratio Lower Upper
152 100
115 66.4 46.9 140.7
150 156.0 0.0 351.0





#84
1,2,4-Trimethylbenzene
Concen: 3.481 ug/l m
RT: 11.750 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VX046269.D
Acq: 19 May 2025 15:47

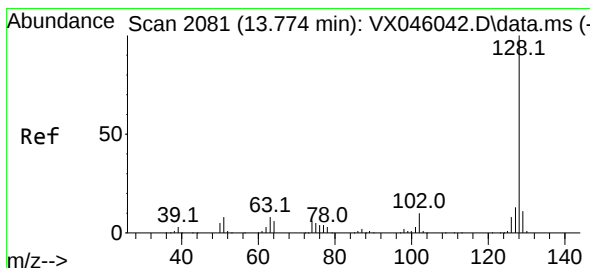
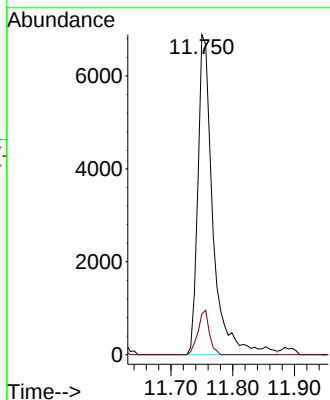
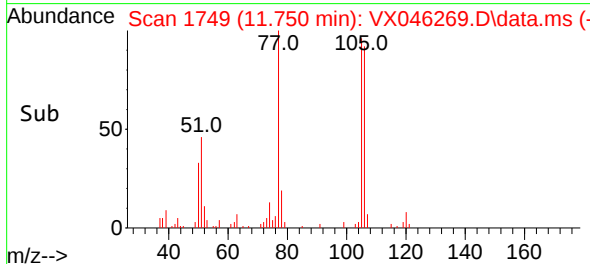
Instrument :
MSVOA_X
ClientSampleId :
SB-11



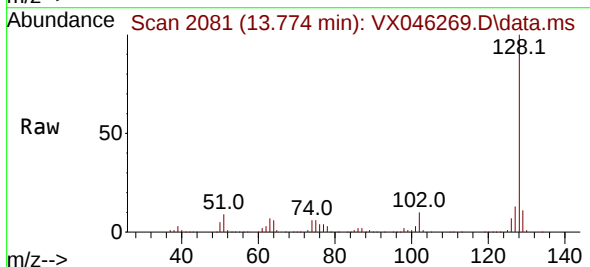
Tgt Ion:105 Resp: 1169
Ion Ratio Lower Upper
105 100
120 1.9 21.2 63.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#95
Naphthalene
Concen: 32.681 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046269.D
Acq: 19 May 2025 15:47



Tgt Ion:128 Resp: 116218
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.7 8.6 13.0

