

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
 Data File : VX046768.D
 Acq On : 19 Jun 2025 13:36
 Operator : JC/MD
 Sample : Q2363-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GCAP1W

Quant Time: Jun 20 05:20:01 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

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/20/2025
 Supervised By :Mahesh Dadoda 06/21/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	97884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	166362	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	72498	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	61764	45.619	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.240%		
35) Dibromofluoromethane	5.397	113	56188	51.047	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.100%		
50) Toluene-d8	8.653	98	201338	50.913	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.820%		
62) 4-Bromofluorobenzene	11.079	95	76110	51.631	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	103.260%		
Target Compounds					Qvalue	
31) Cyclohexane	5.489	56	2515018	1240.553	ug/l	99
39) Methylcyclohexane	7.391	83	2150867	1028.684	ug/l	96
40) Benzene	6.050	78	8572	1.823	ug/l	95
52) Toluene	8.720	92	19465	6.677	ug/l	95
67) Ethyl Benzene	10.195	91	436377	76.465	ug/l	99
69) o-Xylene	10.640	106	4902	2.460	ug/l	97
73) Isopropylbenzene	10.963	105	567581	106.299	ug/l	100
78) n-propylbenzene	11.305	91	1221331	192.578	ug/l	99
85) sec-Butylbenzene	11.890	105	137153	23.927	ug/l	95
86) p-Isopropyltoluene	12.006	119	100644m	20.810	ug/l	
89) n-Butylbenzene	12.329	91	109942m	23.942	ug/l	
95) Naphthalene	13.774	128	8636	1.821	ug/l #	68

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

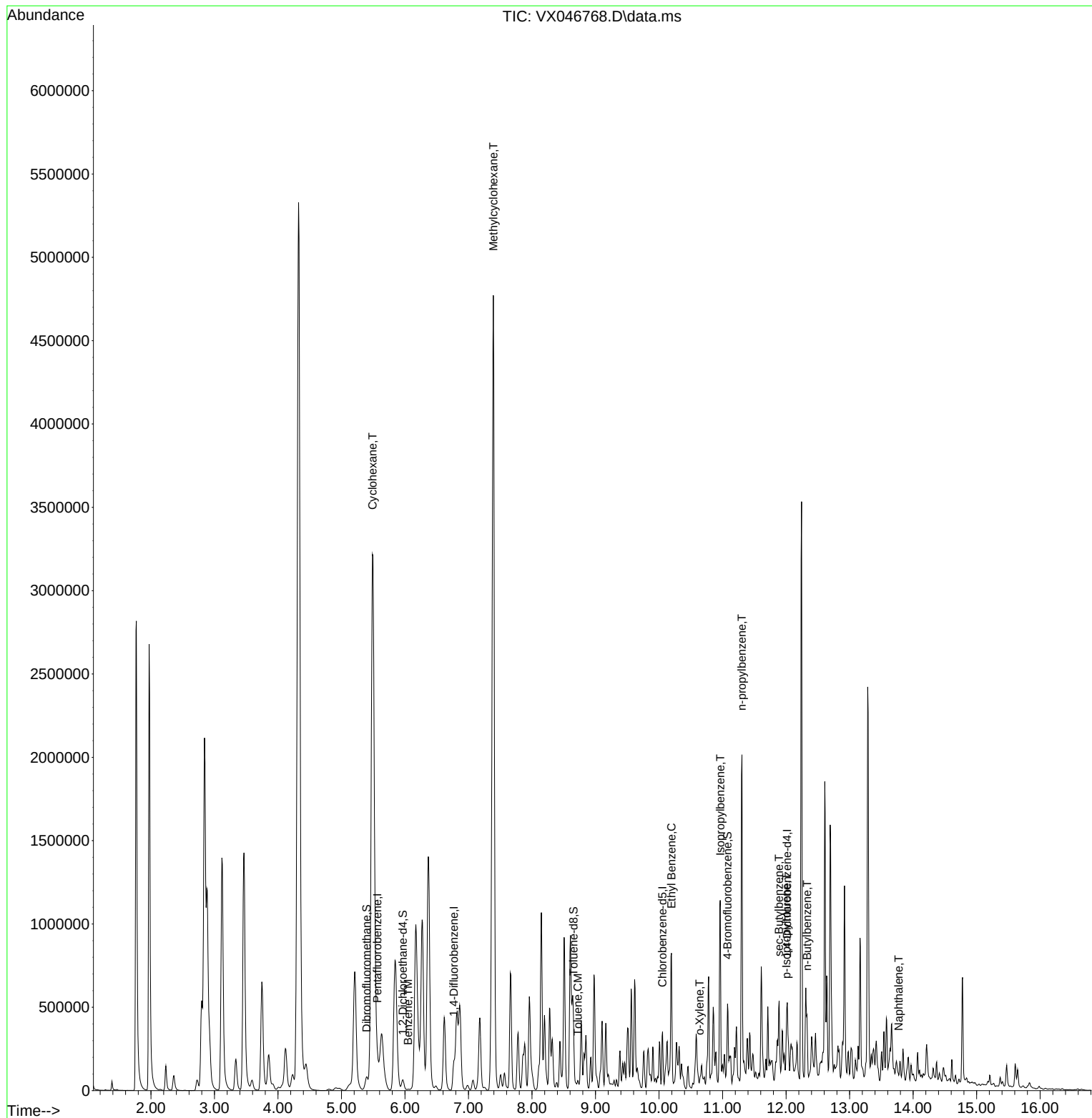
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
Data File : VX046768.D
Acq On : 19 Jun 2025 13:36
Operator : JC/MD
Sample : Q2363-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

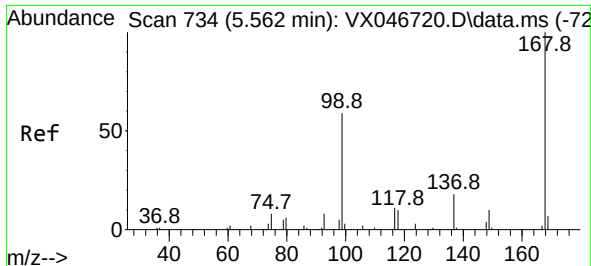
Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Quant Time: Jun 20 05:20:01 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

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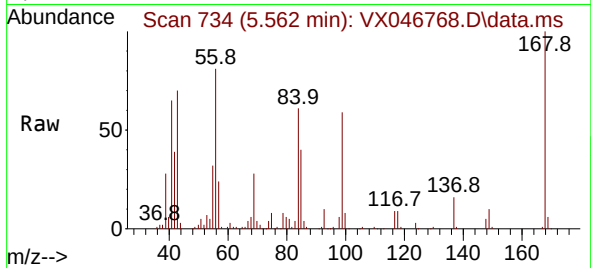
Reviewed By : John Carlone 06/20/2025
Supervised By : Mahesh Dadoda 06/21/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 714
Delta R.T. -0.000 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

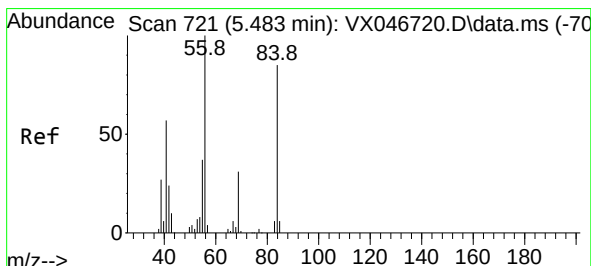
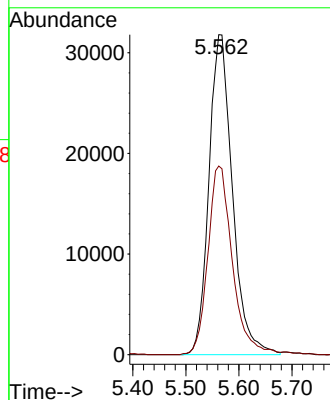
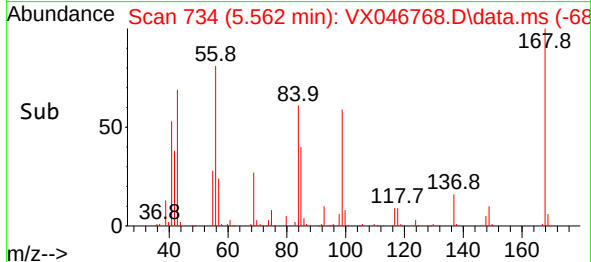
Instrument :
MSVOA_X
ClientSampleId :
GCAP1W



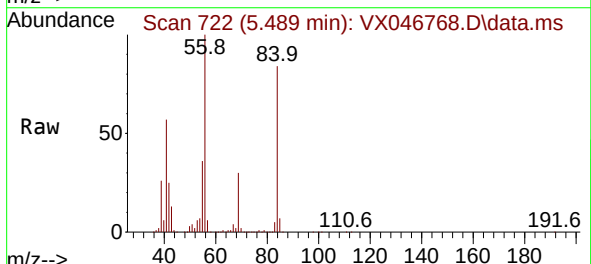
Tgt Ion:168 Resp: 97884
Ion Ratio Lower Upper
168 100
99 58.9 48.5 72.7

Manual Integrations
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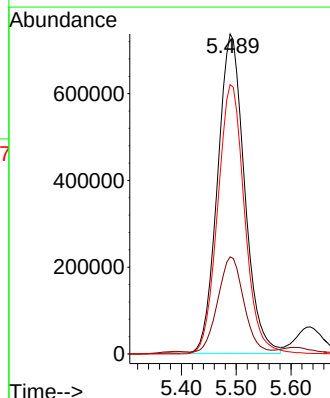
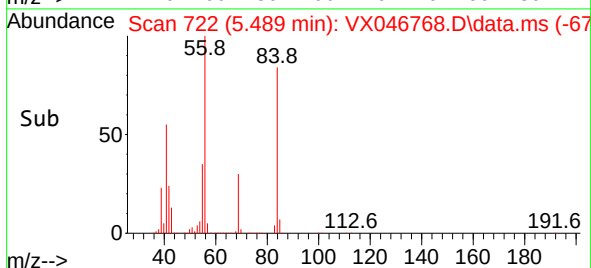
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

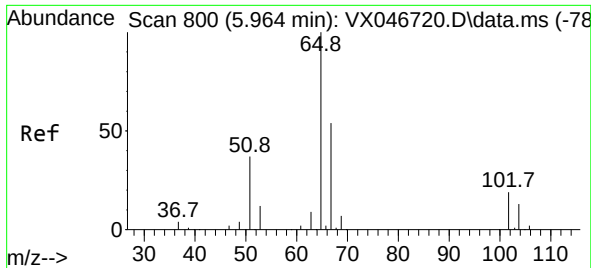


#31
Cyclohexane
Concen: 1240.553 ug/l
RT: 5.489 min Scan# 722
Delta R.T. 0.006 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36



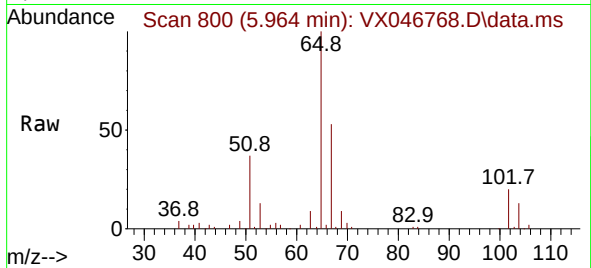
Tgt Ion: 56 Resp: 2515018
Ion Ratio Lower Upper
56 100
69 29.6 24.8 37.2
84 84.3 68.2 102.2





#33
 1,2-Dichloroethane-d4
 Concen: 45.619 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: VX046768.D
 Acq: 19 Jun 2025 13:36

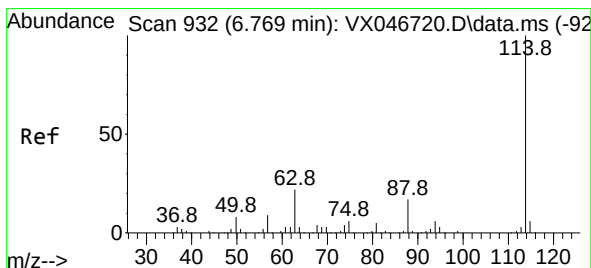
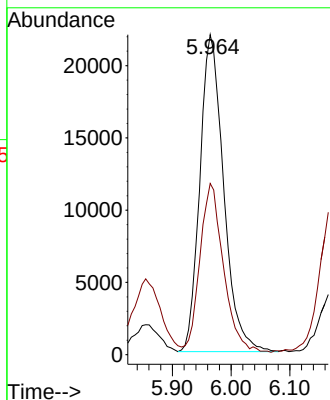
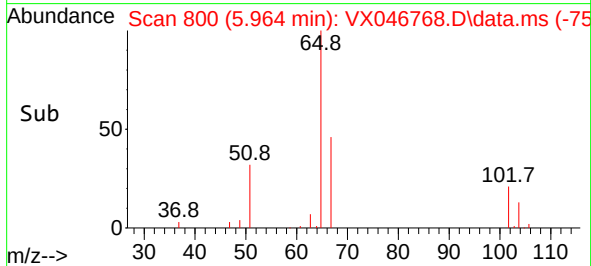
Instrument :
 MSVOA_X
 ClientSampleId :
 GCAP1W



Tgt Ion: 65 Resp: 61764
 Ion Ratio Lower Upper
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 67 52.7 0.0 105.4

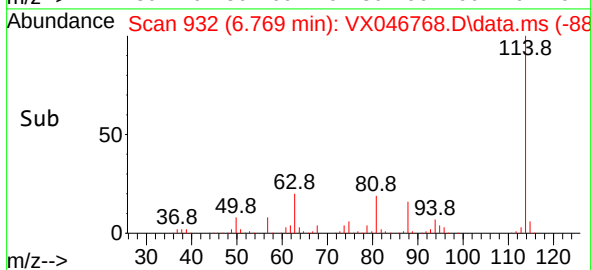
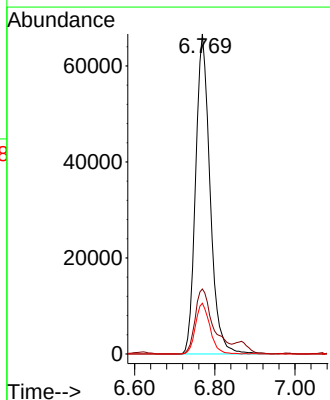
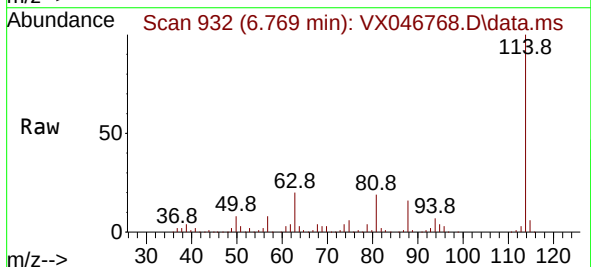
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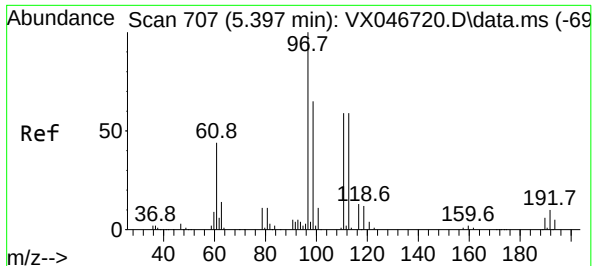
Reviewed By :John Carlone 06/20/2025
 Supervised By :Mahesh Dadoda 06/21/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX046768.D
 Acq: 19 Jun 2025 13:36

Tgt Ion:114 Resp: 166362
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 44.2
 88 15.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.047 ug/l

RT: 5.397 min Scan# 707

Delta R.T. -0.000 min

Lab File: VX046768.D

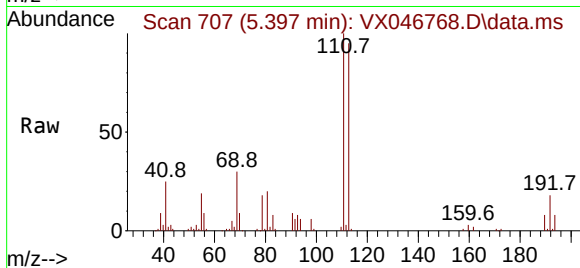
Acq: 19 Jun 2025 13:36

Instrument :

MSVOA_X

ClientSampleId :

GCAP1W



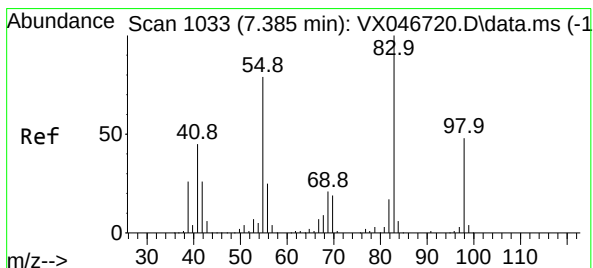
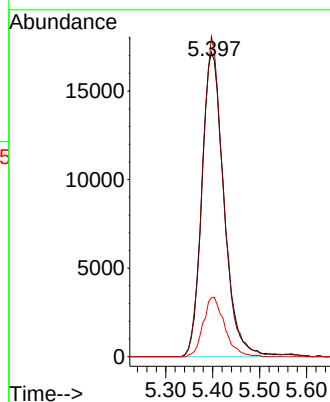
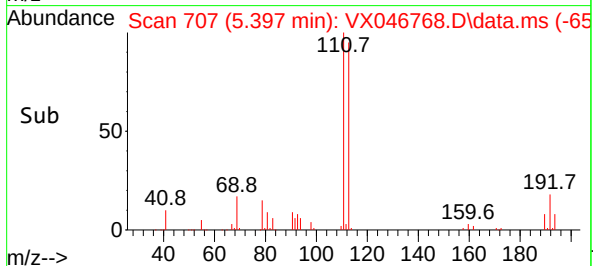
Tgt Ion:	113	Resp:	5618
Ion Ratio	Lower	Upper	
113	100		
111	100.3	82.0	123.0
192	18.9	15.3	22.9

Manual Integrations

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Reviewed By :John Carlone 06/20/2025

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#39

Methylcyclohexane

Concen: 1028.684 ug/l

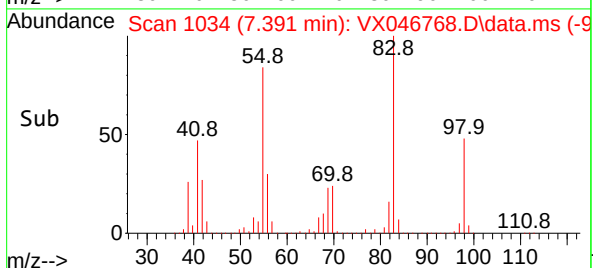
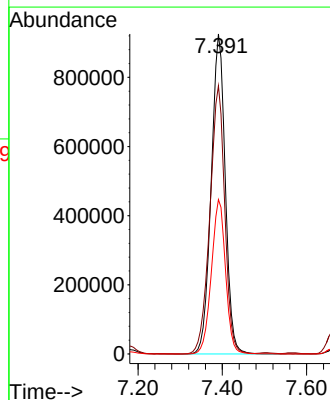
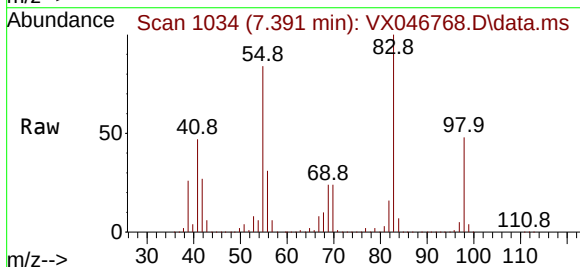
RT: 7.391 min Scan# 1034

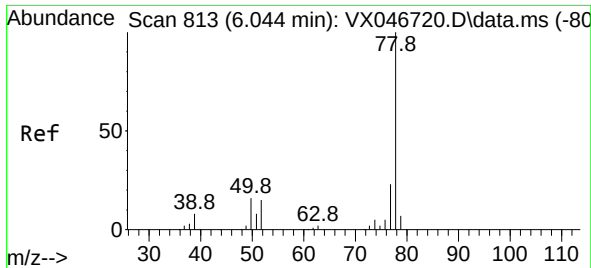
Delta R.T. 0.006 min

Lab File: VX046768.D

Acq: 19 Jun 2025 13:36

Tgt Ion:	83	Resp:	2150867
Ion Ratio	Lower	Upper	
83	100		
55	83.8	63.0	94.4
98	48.3	38.8	58.2





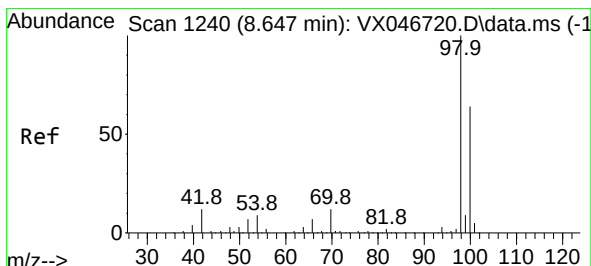
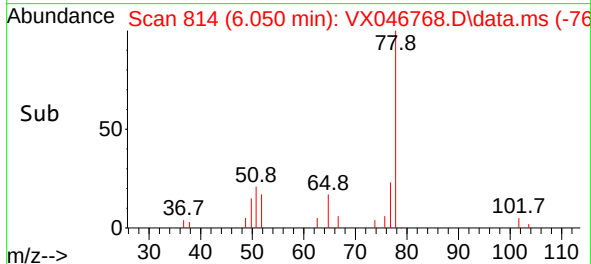
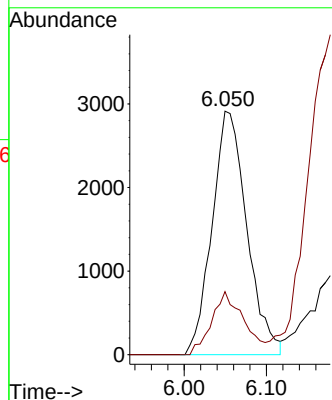
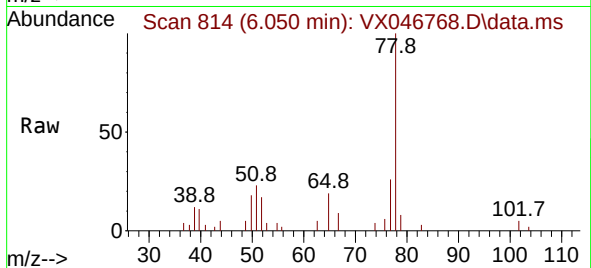
#40
Benzene
Concen: 1.823 ug/l
RT: 6.050 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Tgt Ion: 78 Resp: 8572
Ion Ratio Lower Upper
78 100
77 25.9 18.8 28.2

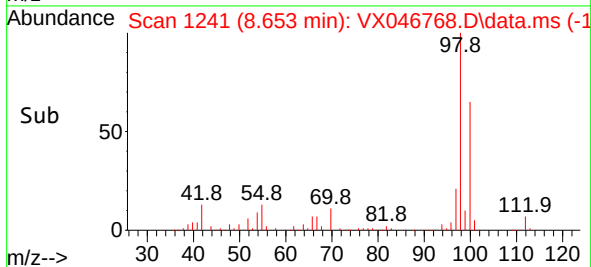
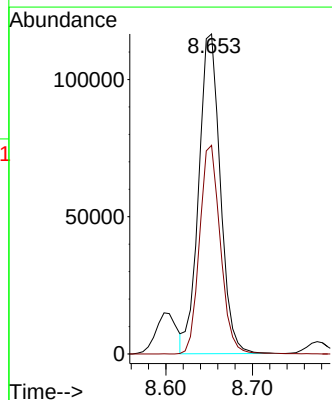
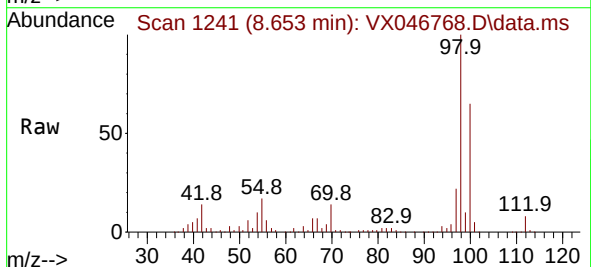
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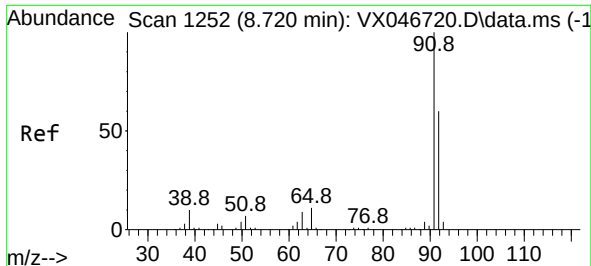
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#50
Toluene-d8
Concen: 50.913 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

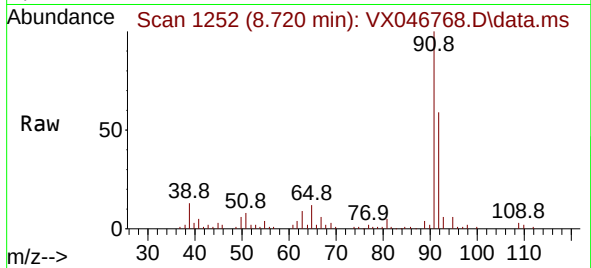
Tgt Ion: 98 Resp: 201338
Ion Ratio Lower Upper
98 100
100 63.0 53.0 79.4





#52
Toluene
Concen: 6.677 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

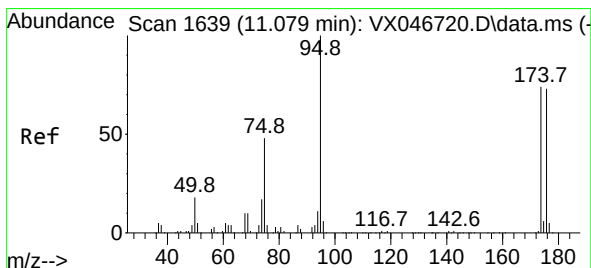
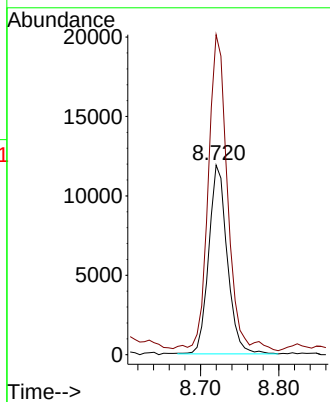
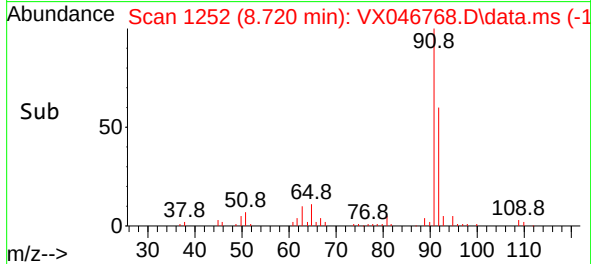
Instrument :
MSVOA_X
ClientSampleId :
GCAP1W



Tgt Ion: 92 Resp: 1946
Ion Ratio Lower Upper
92 100
91 175.3 134.8 202.2

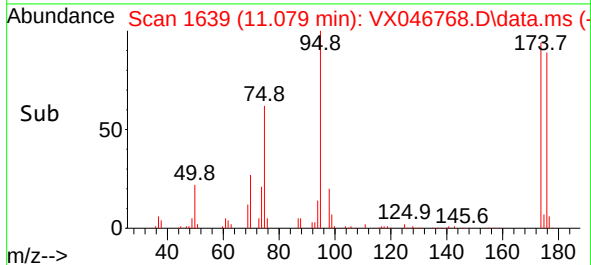
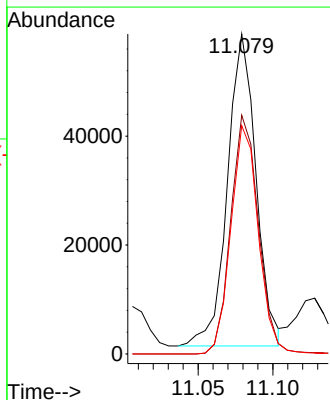
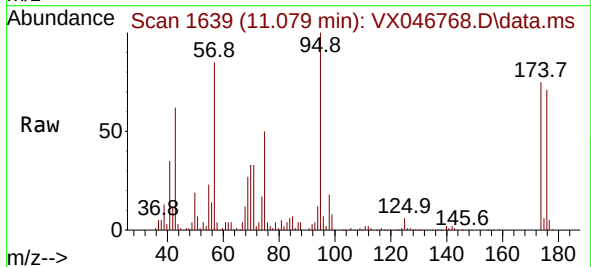
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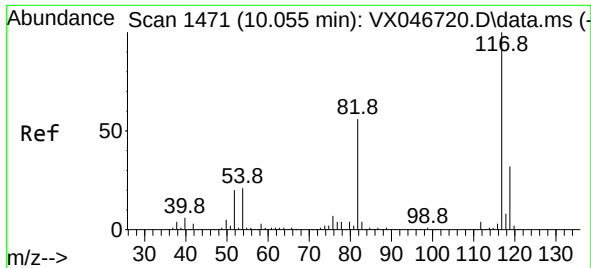
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#62
4-Bromofluorobenzene
Concen: 51.631 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

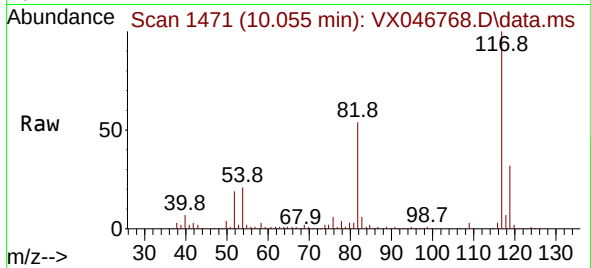
Tgt Ion: 95 Resp: 76110
Ion Ratio Lower Upper
95 100
174 74.6 0.0 150.4
176 70.8 0.0 145.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

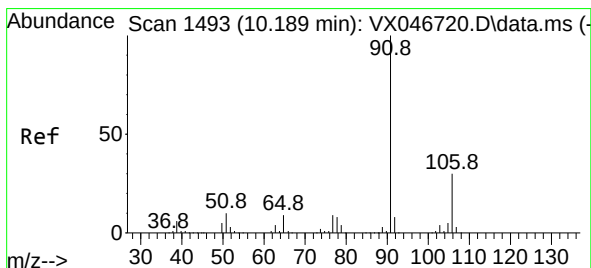
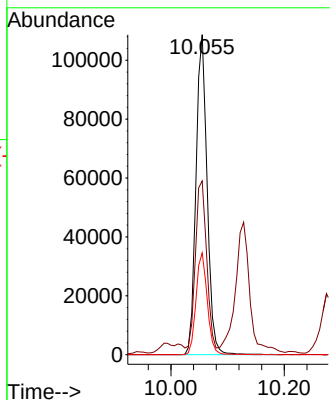
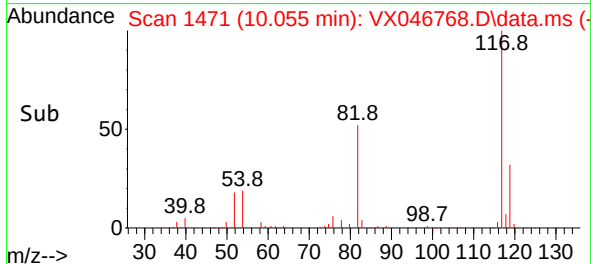
Instrument :
MSVOA_X
ClientSampleId :
GCAP1W



Tgt Ion:117 Resp: 147962
Ion Ratio Lower Upper
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82 53.0 44.6 66.8
119 31.8 25.8 38.8

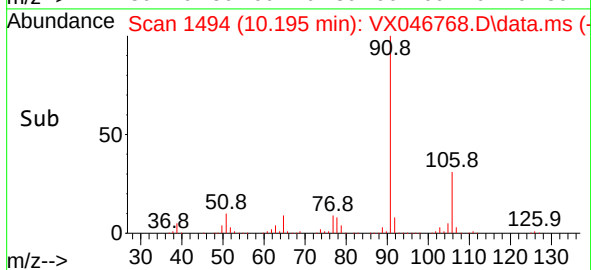
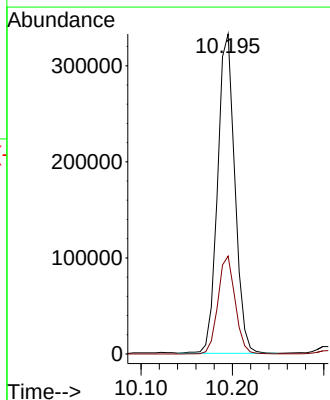
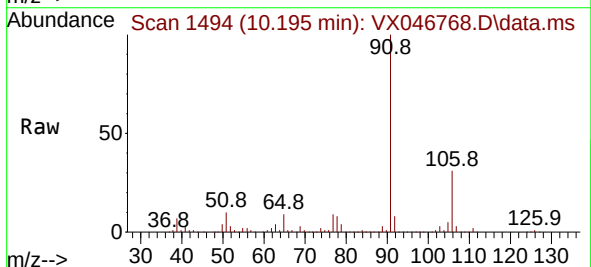
Manual Integrations
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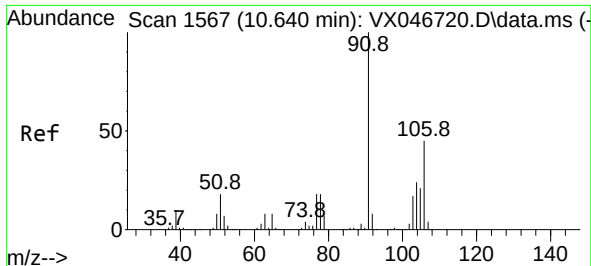
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#67
Ethyl Benzene
Concen: 76.465 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

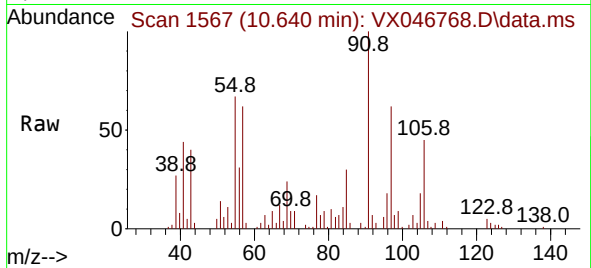
Tgt Ion: 91 Resp: 436377
Ion Ratio Lower Upper
91 100
106 30.7 24.2 36.2





#69
o-Xylene
Concen: 2.460 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

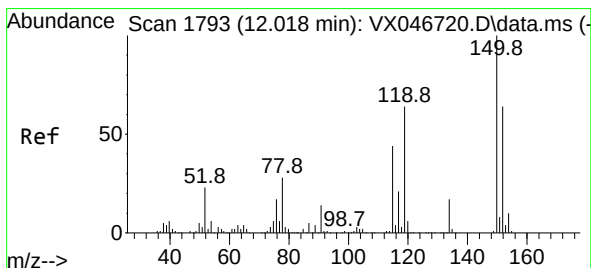
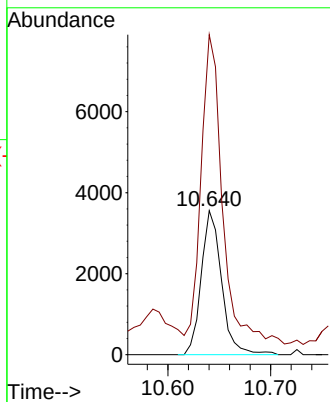
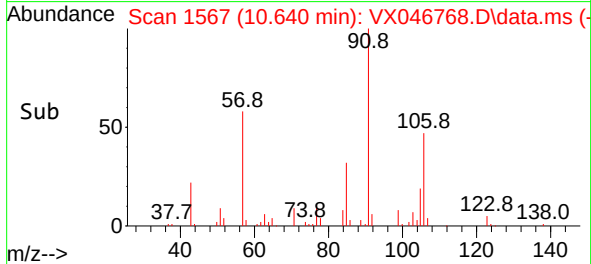
Instrument :
MSVOA_X
ClientSampleId :
GCAP1W



Tgt Ion:106 Resp: 490
Ion Ratio Lower Upper
106 100
91 226.7 111.3 333.9

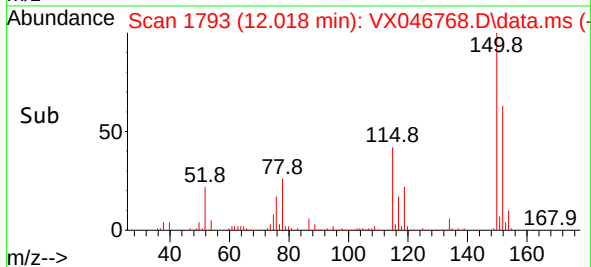
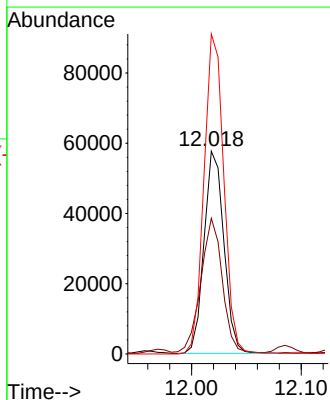
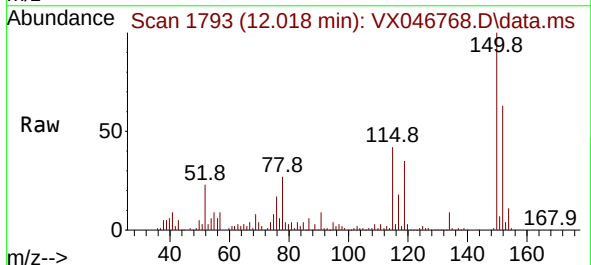
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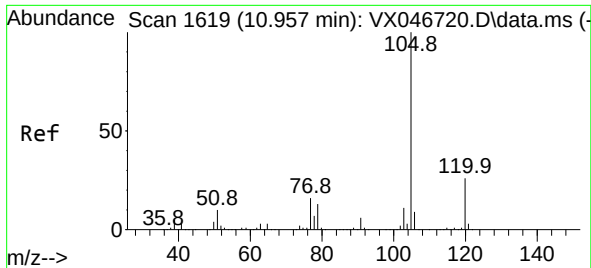
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

Tgt Ion:152 Resp: 72498
Ion Ratio Lower Upper
152 100
115 71.1 43.2 129.6
150 158.7 0.0 346.8





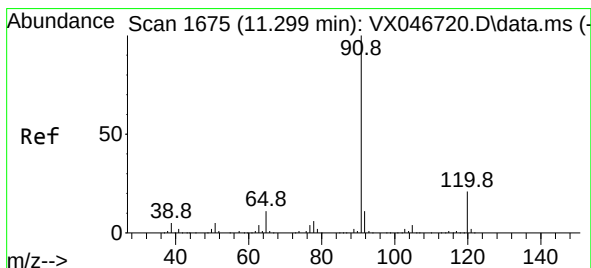
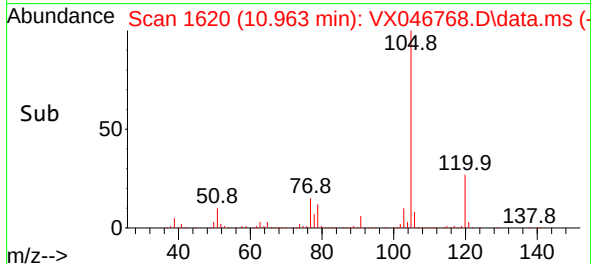
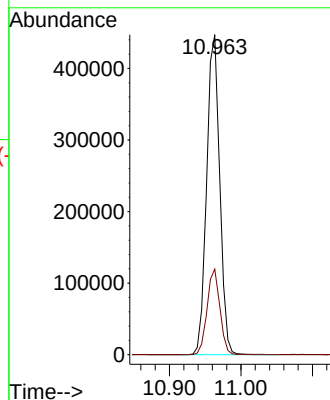
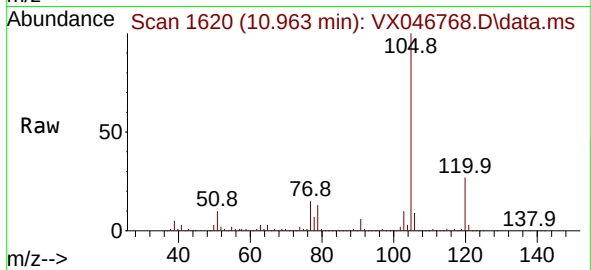
#73
Isopropylbenzene
Concen: 106.299 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

Instrument :
MSVOA_X
ClientSampleId :
GCAP1W

Tgt Ion:105 Resp: 56758
Ion Ratio Lower Upper
105 100
120 26.2 13.0 39.0

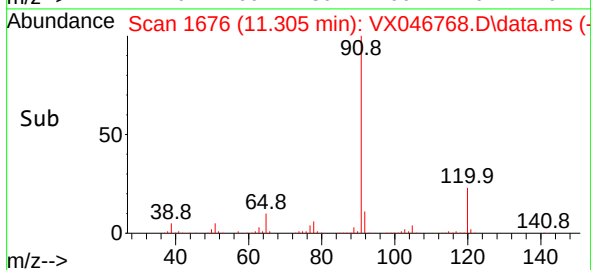
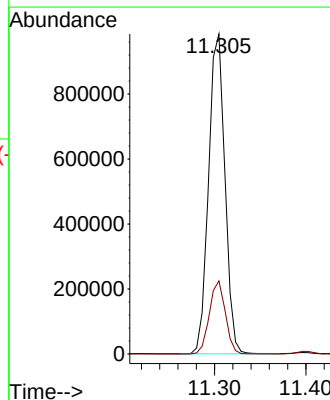
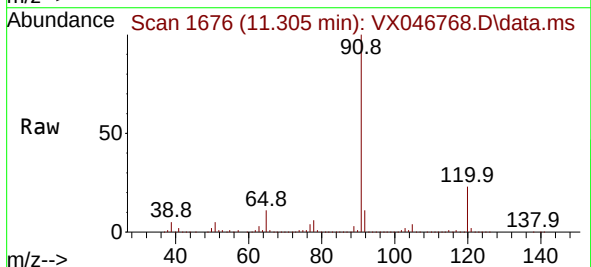
Manual Integrations
APPROVED

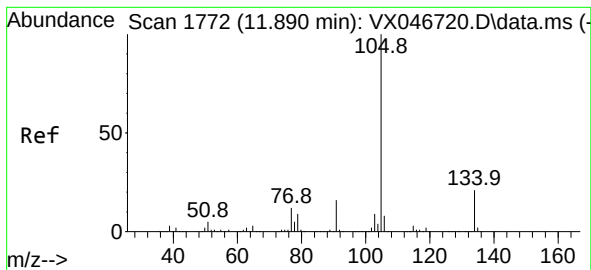
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#78
n-propylbenzene
Concen: 192.578 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

Tgt Ion: 91 Resp: 1221331
Ion Ratio Lower Upper
91 100
120 22.3 11.4 34.1





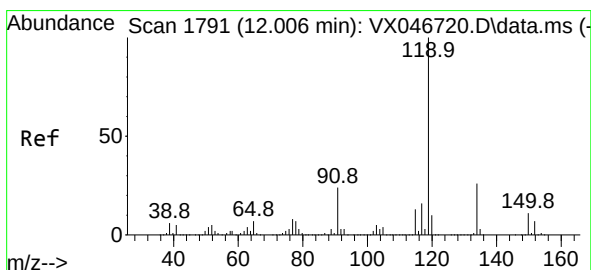
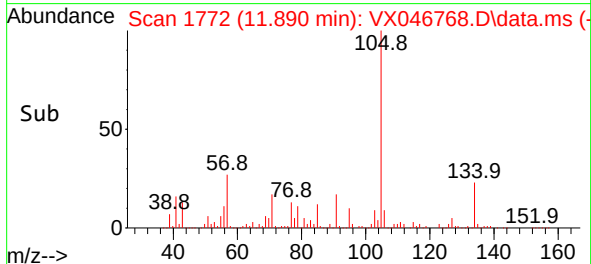
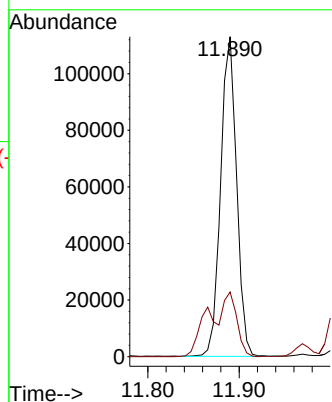
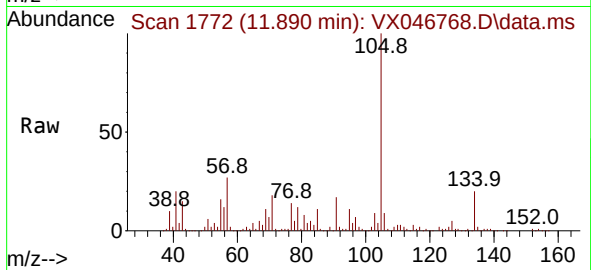
#85
 sec-Butylbenzene
 Concen: 23.927 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046768.D
 Acq: 19 Jun 2025 13:36

Instrument :
 MSVOA_X
 ClientSampleId :
 GCAP1W

Tgt Ion:105 Resp: 13715
 Ion Ratio Lower Upper
 105 100
 134 17.5 9.8 29.4

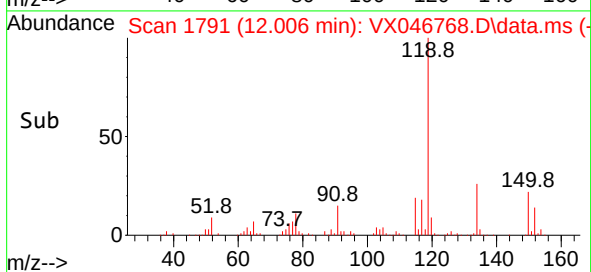
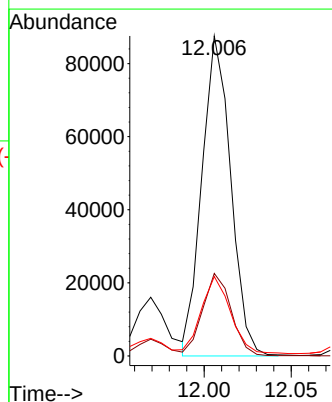
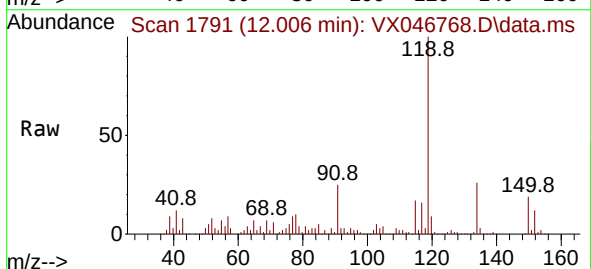
Manual Integrations
 APPROVED

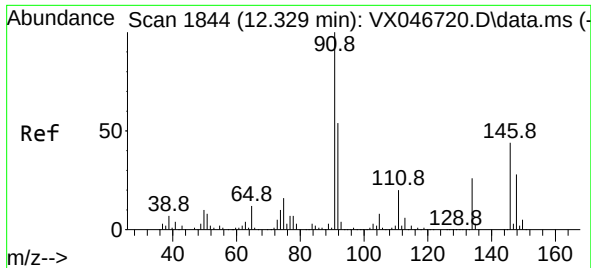
Reviewed By :John Carlone 06/20/2025
 Supervised By :Mahesh Dadoda 06/21/2025



#86
 p-Isopropyltoluene
 Concen: 20.810 ug/l m
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046768.D
 Acq: 19 Jun 2025 13:36

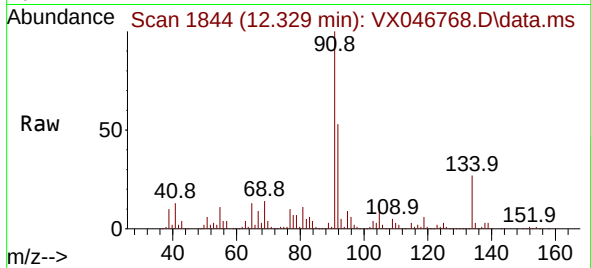
Tgt Ion:119 Resp: 100644
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.7
 91 24.7 12.3 36.9





#89
n-Butylbenzene
Concen: 23.942 ug/l m
RT: 12.329 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

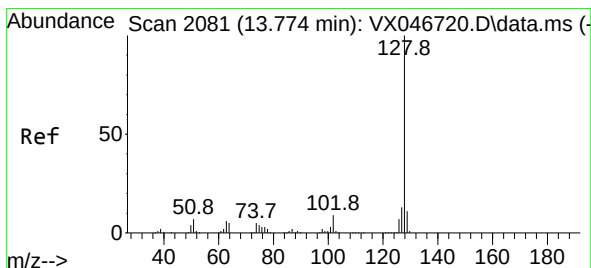
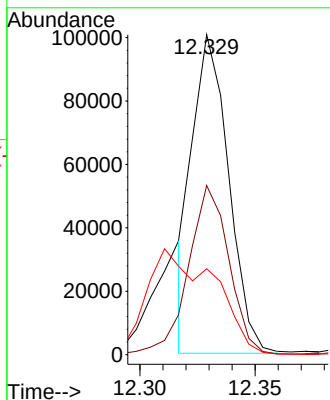
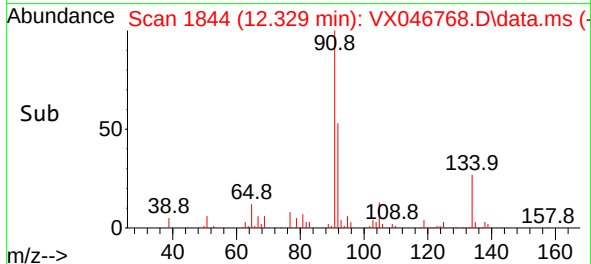
Instrument :
MSVOA_X
ClientSampleId :
GCAP1W



Tgt Ion: 91 Resp: 10994
Ion Ratio Lower Upper
91 100
92 59.4 27.1 81.3
134 62.1 12.9 38.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#95
Naphthalene
Concen: 1.821 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046768.D
Acq: 19 Jun 2025 13:36

Tgt Ion:128 Resp: 8636
Ion Ratio Lower Upper
128 100
127 18.6 10.1 15.1#
129 30.1 8.7 13.1#

