

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060524\
 Data File : VX041750.D
 Acq On : 05 Jun 2024 15:15
 Operator : JC/MD
 Sample : P2717-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6A

Quant Time: Jun 06 02:16:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/06/2024
 Supervised By : Mahesh Dadoda 06/06/2024

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	150016	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	230987	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	245770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	149726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85193	46.303	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.600%		
35) Dibromofluoromethane	5.385	113	72823	45.599	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.200%		
50) Toluene-d8	8.647	98	279538	50.094	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.180%		
62) 4-Bromofluorobenzene	11.079	95	120911	58.707	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	117.420%		
Target Compounds						Qvalue
16) Acetone	2.380	43	26047	29.628	ug/l	96
25) 2-Butanone	4.574	43	16138	14.113	ug/l	97
31) Cyclohexane	5.471	56	192385	88.566	ug/l	93
39) Methylcyclohexane	7.379	83	160032	67.361	ug/l	98
40) Benzene	6.038	78	24816	4.106	ug/l	95
52) Toluene	8.720	92	408526	106.500	ug/l	99
59) 2-Hexanone	9.439	43	4315	2.369	ug/l	98
67) Ethyl Benzene	10.195	91	994269	118.283	ug/l	97
68) m/p-Xylenes	10.299	106	1135545	339.575	ug/l	91
69) o-Xylene	10.640	106	294566	88.547	ug/l	95
73) Isopropylbenzene	10.963	105	119101	12.824	ug/l	98
78) n-propylbenzene	11.305	91	424981	41.671	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	474169	61.148	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	2064976	262.830	ug/l	90
85) sec-Butylbenzene	11.890	105	27408m	2.862	ug/l	
86) p-Isopropyltoluene	12.006	119	13585m	1.618	ug/l	
89) n-Butylbenzene	12.329	91	84753	12.747	ug/l #	20

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

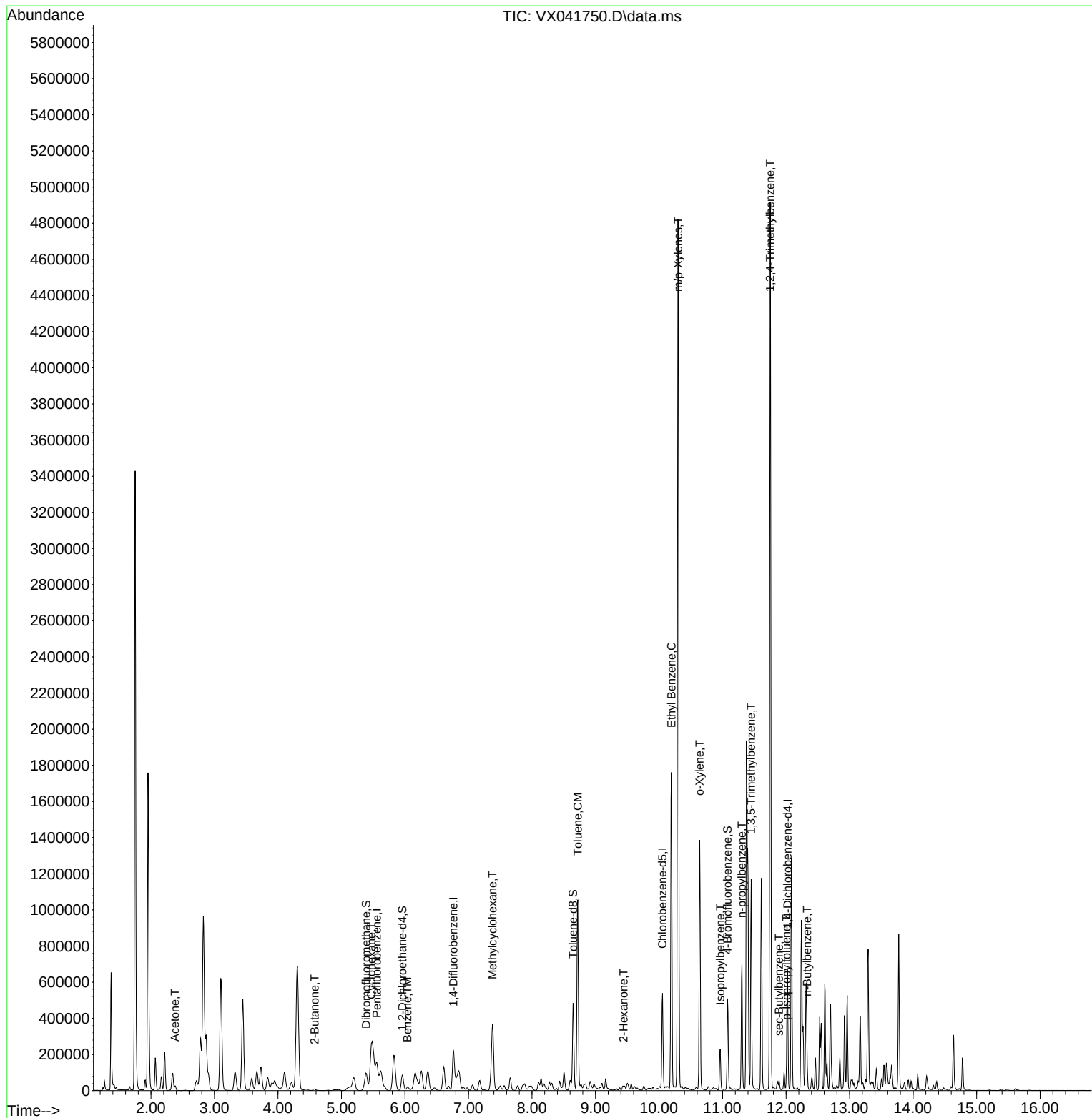
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060524\
Data File : VX041750.D
Acq On : 05 Jun 2024 15:15
Operator : JC/MD
Sample : P2717-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

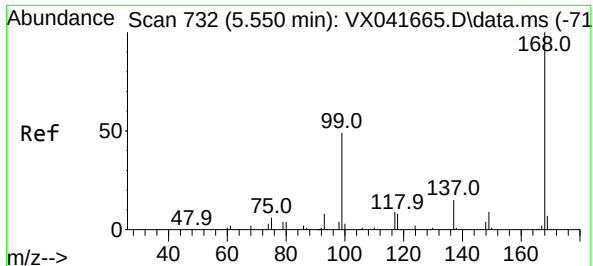
Instrument :
MSVOA_X
ClientSampleId :
MW-6A

Quant Time: Jun 06 02:16:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
QLast Update : Thu May 30 07:36:24 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

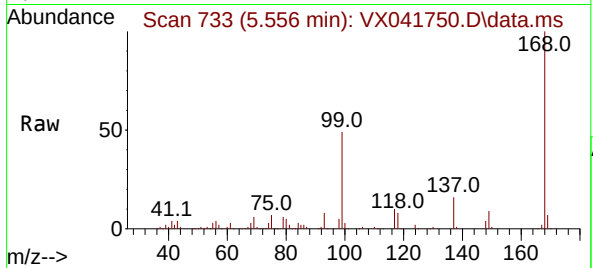
Reviewed By : John Carlone 06/06/2024
Supervised By : Mahesh Dadoda 06/06/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX041750.D
Acq: 05 Jun 2024 15:15

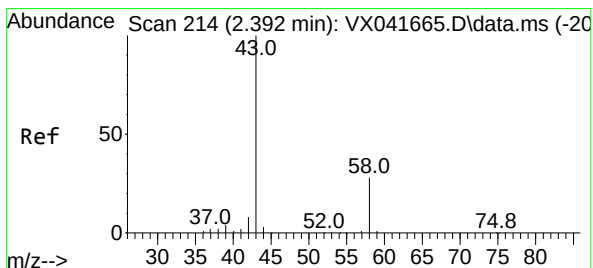
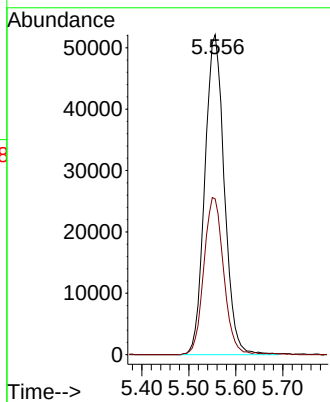
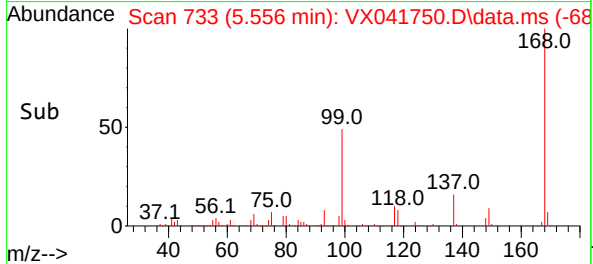
Instrument :
MSVOA_X
ClientSampleId :
MW-6A



Tgt Ion:168 Resp: 150010
Ion Ratio Lower Upper
168 100
99 48.7 56.6 85.0

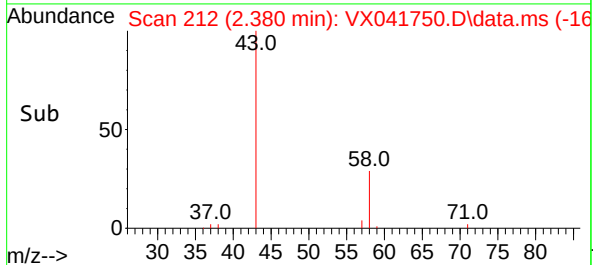
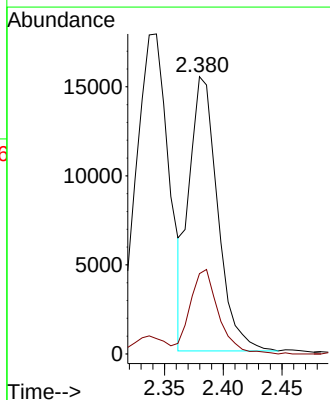
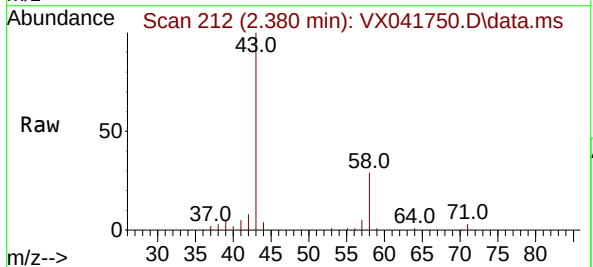
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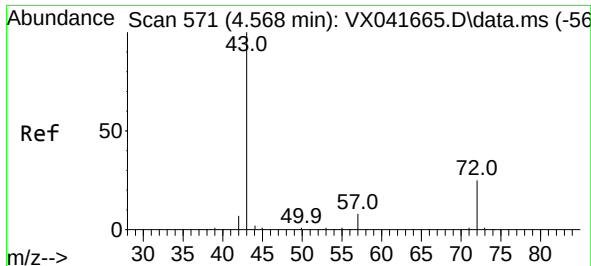
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#16
Acetone
Concen: 29.628 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX041750.D
Acq: 05 Jun 2024 15:15

Tgt Ion: 43 Resp: 26047
Ion Ratio Lower Upper
43 100
58 29.3 21.9 32.9





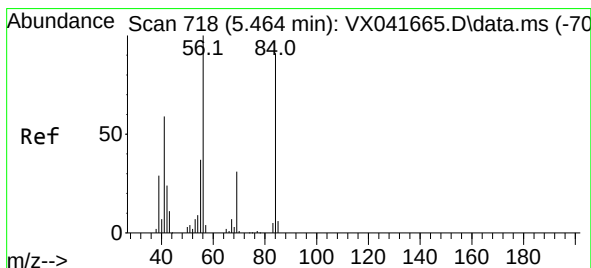
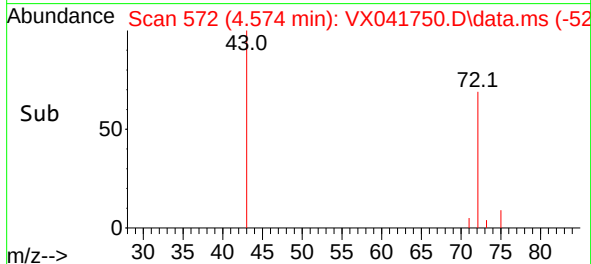
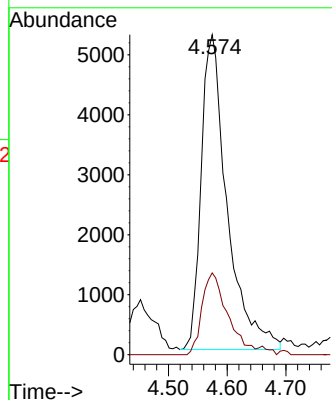
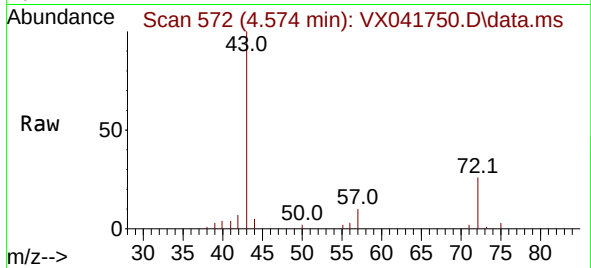
#25
2-Butanone
Concen: 14.113 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX041750.D
Acq: 05 Jun 2024 15:15

Instrument :
MSVOA_X
ClientSampleId :
MW-6A

Tgt Ion: 43 Resp: 16138
Ion Ratio Lower Upper
43 100
72 26.0 19.4 29.2

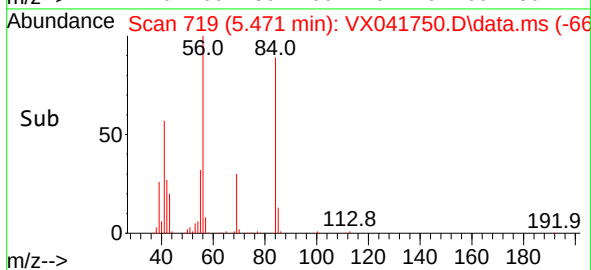
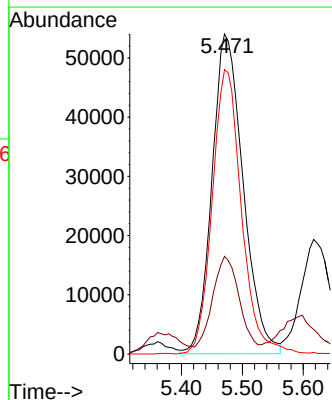
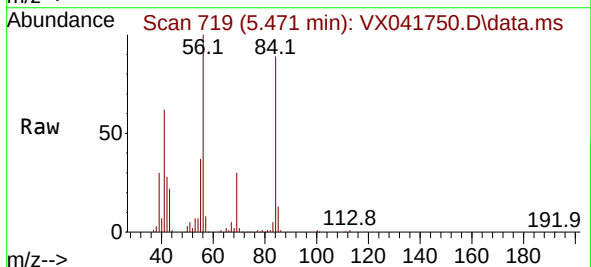
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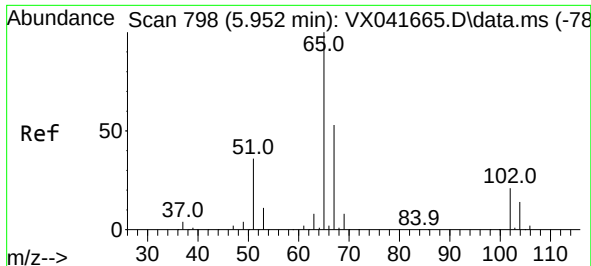
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#31
Cyclohexane
Concen: 88.566 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX041750.D
Acq: 05 Jun 2024 15:15

Tgt Ion: 56 Resp: 192385
Ion Ratio Lower Upper
56 100
69 26.9 23.4 35.2
84 89.6 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 46.303 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX041750.D

Acq: 05 Jun 2024 15:15

Instrument :

MSVOA_X

ClientSampleId :

MW-6A

Tgt Ion: 65 Resp: 8519

Ion Ratio Lower Upper

65 100

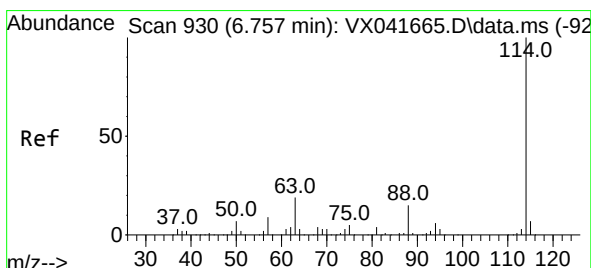
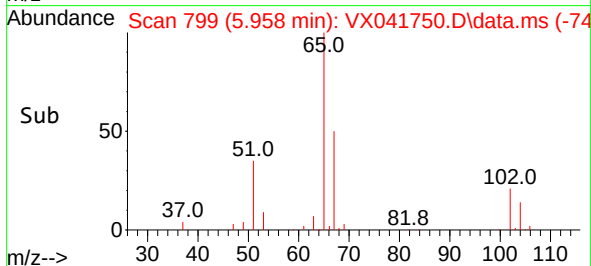
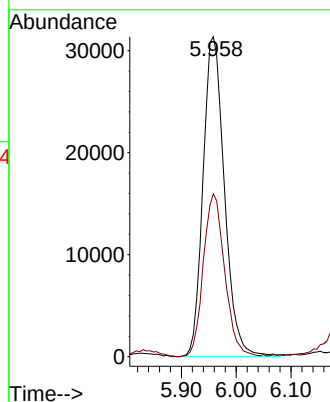
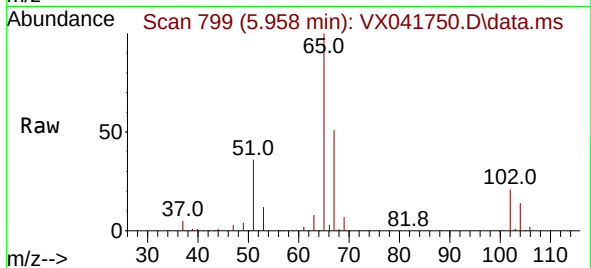
67 50.7 0.0 100.2

Manual Integrations

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Reviewed By :John Carlone 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX041750.D

Acq: 05 Jun 2024 15:15

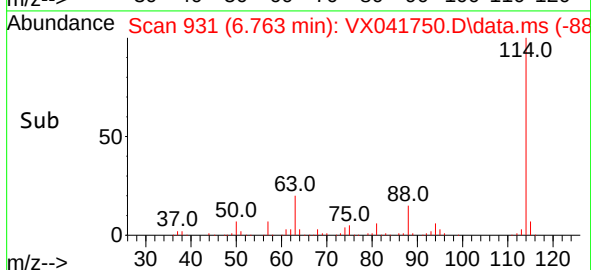
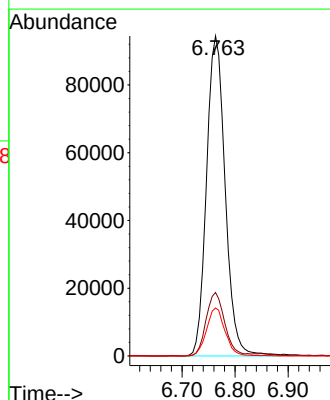
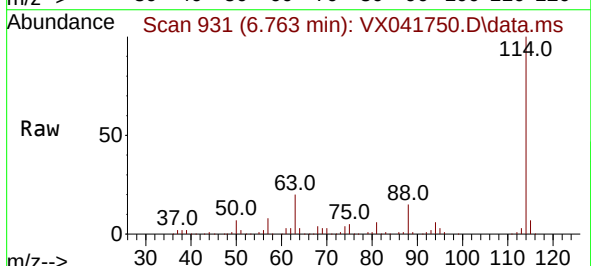
Tgt Ion:114 Resp: 230987

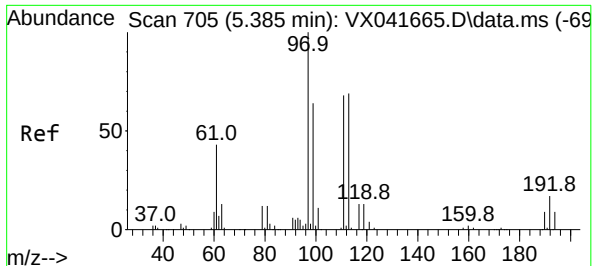
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

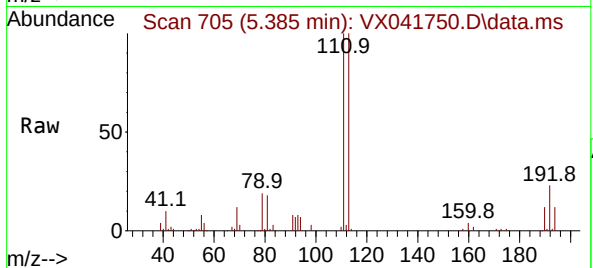
88 15.0 0.0 36.6





#35
Dibromofluoromethane
Concen: 45.599 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041750.D
Acq: 05 Jun 2024 15:15

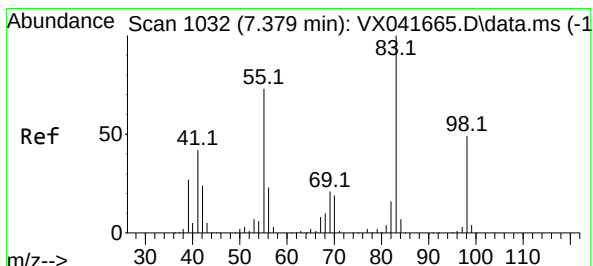
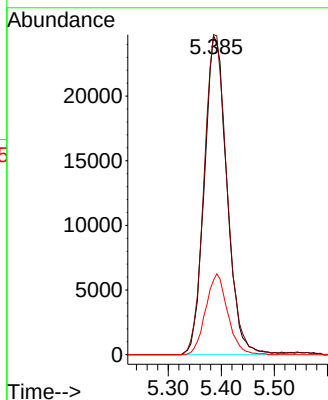
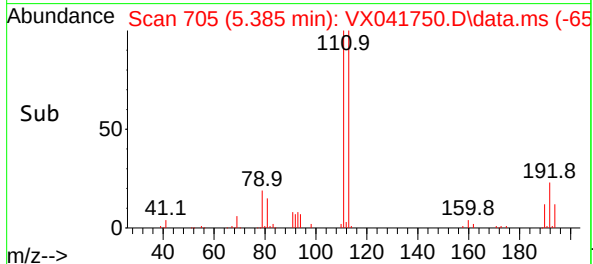
Instrument :
MSVOA_X
ClientSampleId :
MW-6A



Tgt Ion:113 Resp: 7282
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 24.7 13.3 19.9

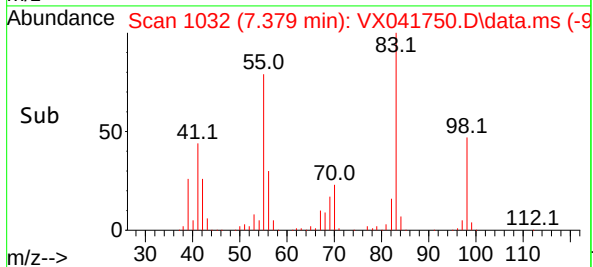
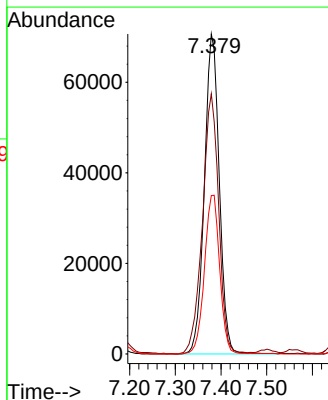
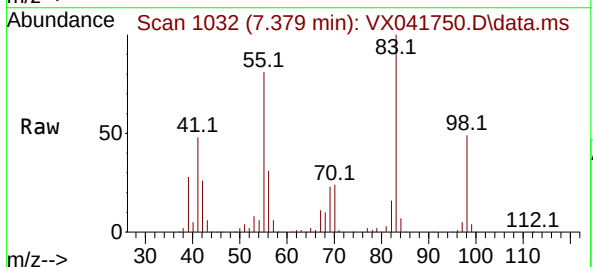
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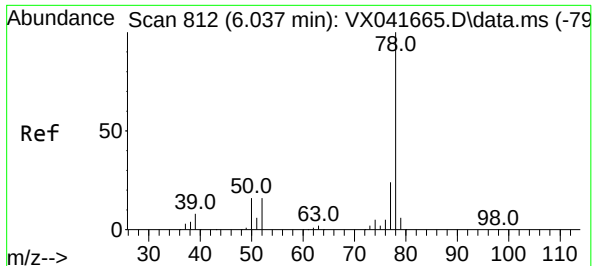
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#39
Methylcyclohexane
Concen: 67.361 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX041750.D
Acq: 05 Jun 2024 15:15

Tgt Ion: 83 Resp: 160032
Ion Ratio Lower Upper
83 100
55 81.3 64.6 97.0
98 49.5 36.7 55.1





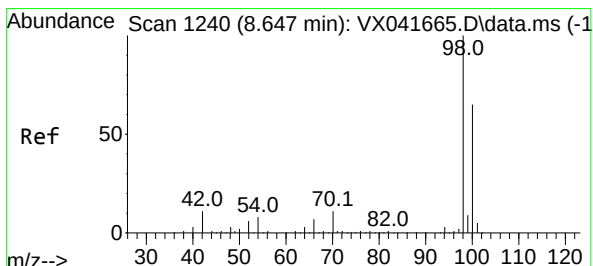
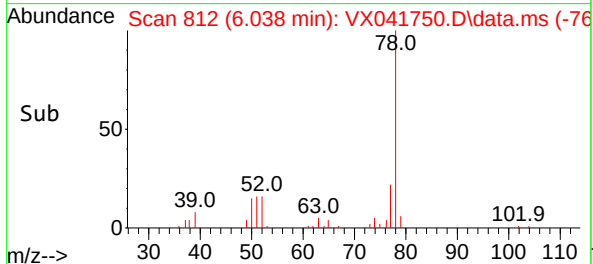
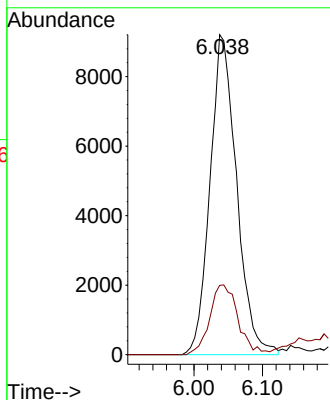
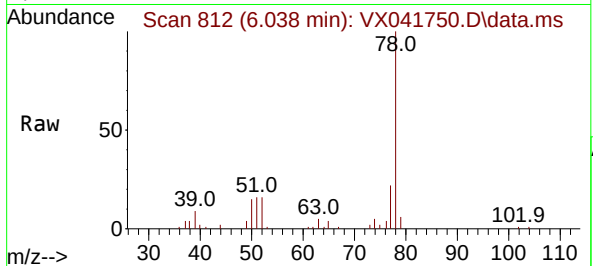
#40
Benzene
Concen: 4.106 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX041750.D
Acq: 05 Jun 2024 15:15

Instrument :
MSVOA_X
ClientSampleId :
MW-6A

Tgt Ion: 78 Resp: 24810
Ion Ratio Lower Upper
78 100
77 21.6 19.3 28.9

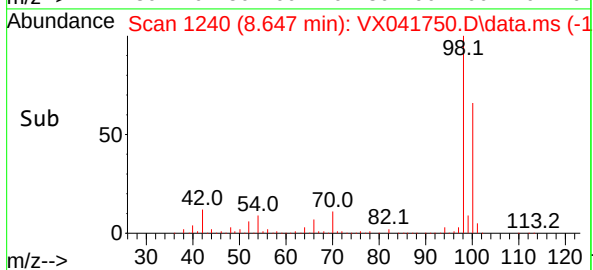
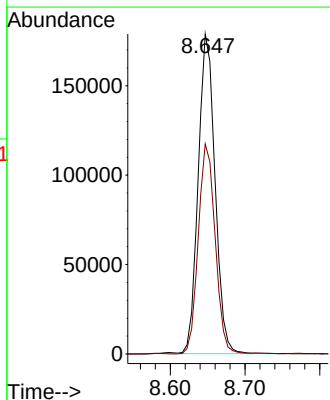
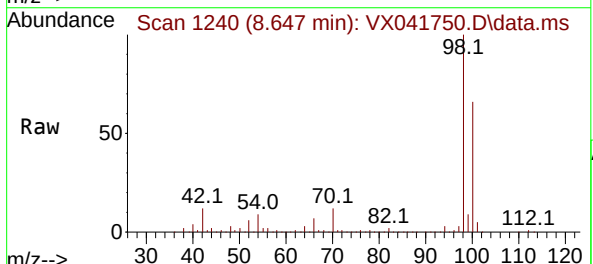
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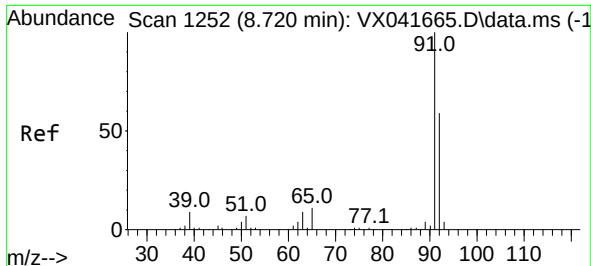
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#50
Toluene-d8
Concen: 50.094 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041750.D
Acq: 05 Jun 2024 15:15

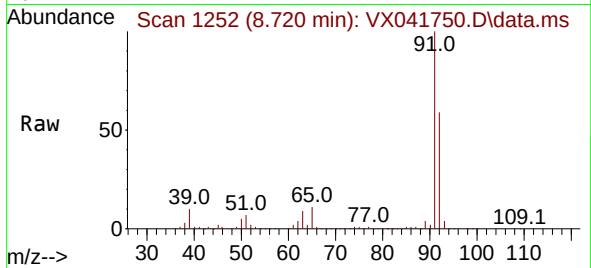
Tgt Ion: 98 Resp: 279538
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7





#52
Toluene
Concen: 106.500 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041750.D
Acq: 05 Jun 2024 15:15

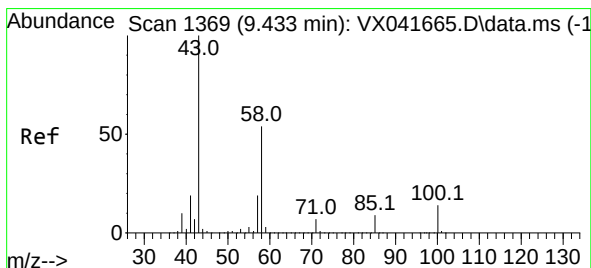
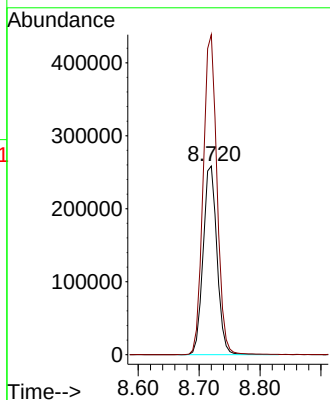
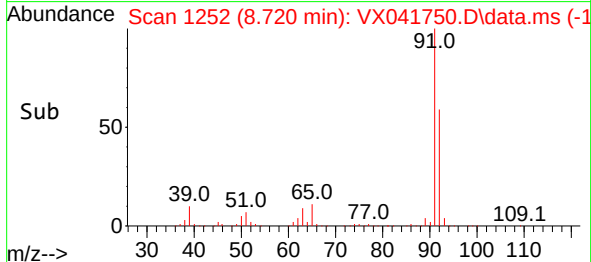
Instrument :
MSVOA_X
ClientSampleId :
MW-6A



Tgt Ion: 92 Resp: 408520
Ion Ratio Lower Upper
92 100
91 169.2 134.2 201.2

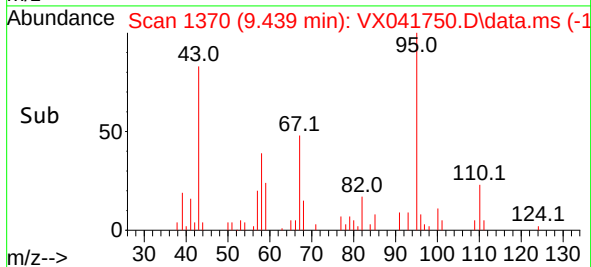
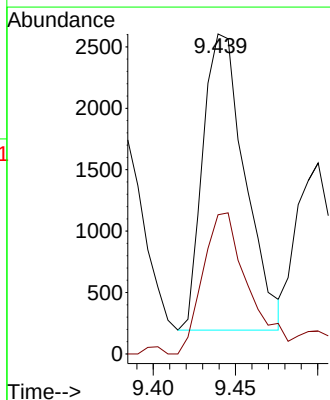
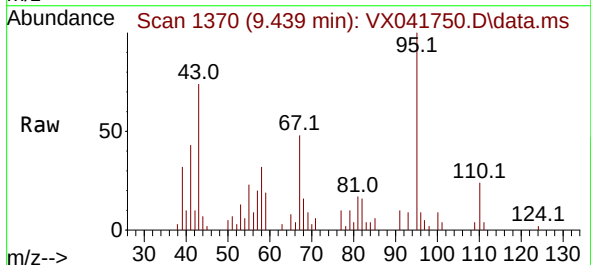
Manual Integrations
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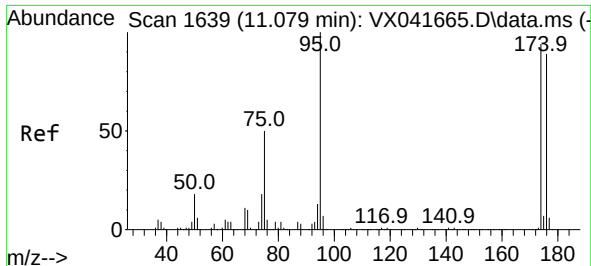
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#59
2-Hexanone
Concen: 2.369 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX041750.D
Acq: 05 Jun 2024 15:15

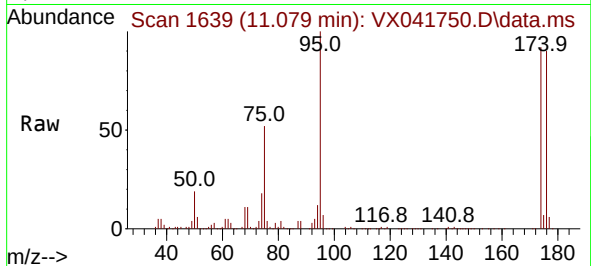
Tgt Ion: 43 Resp: 4315
Ion Ratio Lower Upper
43 100
58 51.1 26.2 78.5





#62
4-Bromofluorobenzene
Concen: 58.707 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041750.D
Acq: 05 Jun 2024 15:15

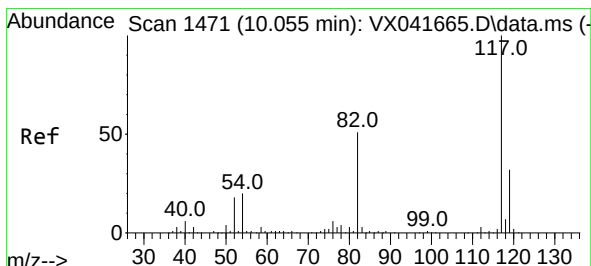
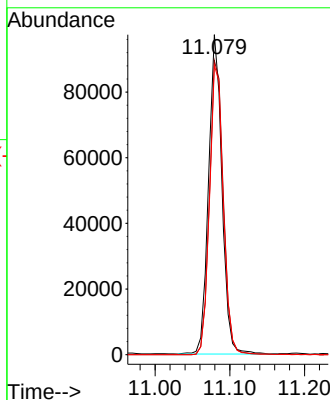
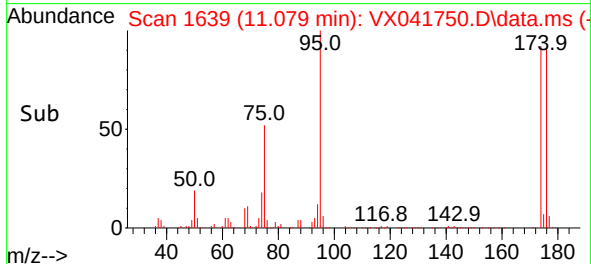
Instrument :
MSVOA_X
ClientSampleId :
MW-6A



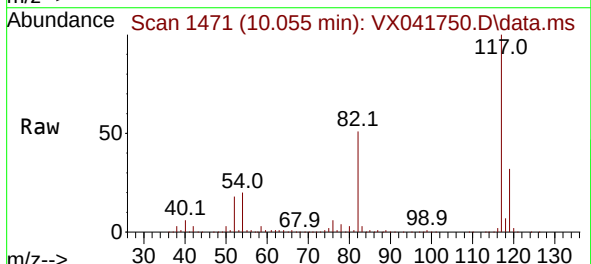
Tgt Ion: 95 Resp: 12091
Ion Ratio Lower Upper
95 100
174 95.5 0.0 135.6
176 93.4 0.0 131.0

Manual Integrations
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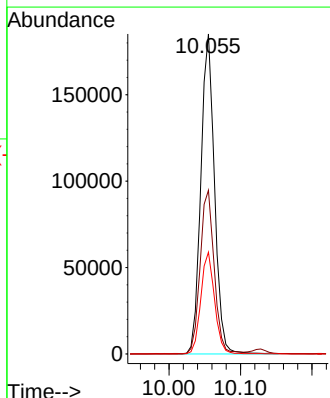
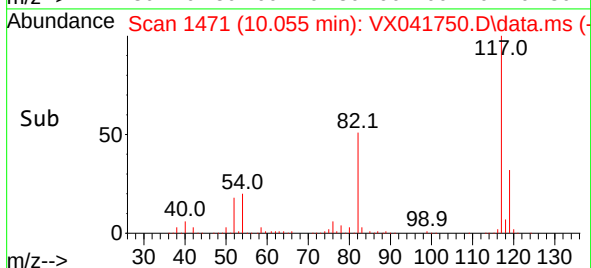
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

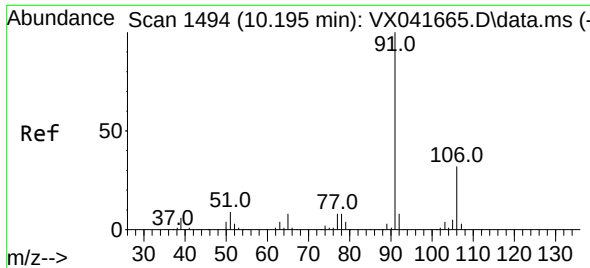


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041750.D
Acq: 05 Jun 2024 15:15



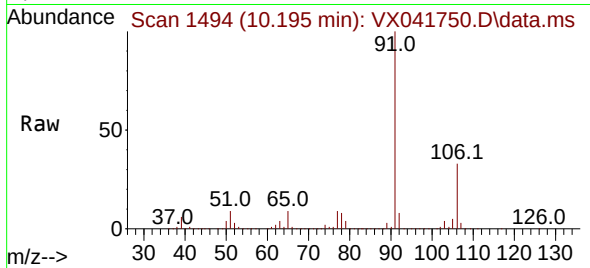
Tgt Ion:117 Resp: 245770
Ion Ratio Lower Upper
117 100
82 51.0 46.2 69.4
119 31.8 25.5 38.3





#67
Ethyl Benzene
Concen: 118.283 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041750.D
Acq: 05 Jun 2024 15:15

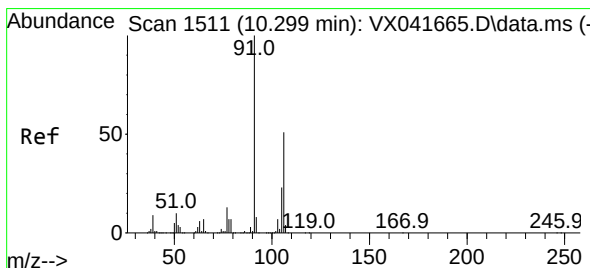
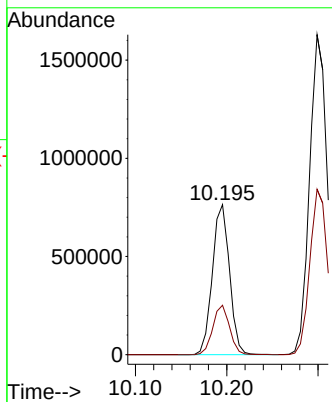
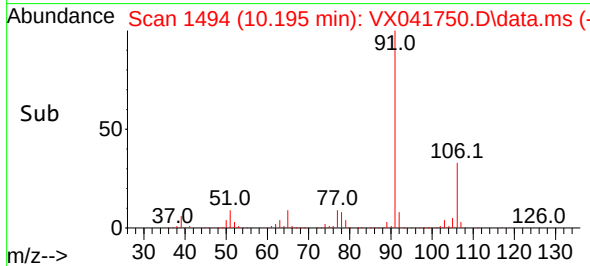
Instrument :
MSVOA_X
ClientSampleId :
MW-6A



Tgt Ion: 91 Resp: 994269
Ion Ratio Lower Upper
91 100
106 32.9 24.9 37.3

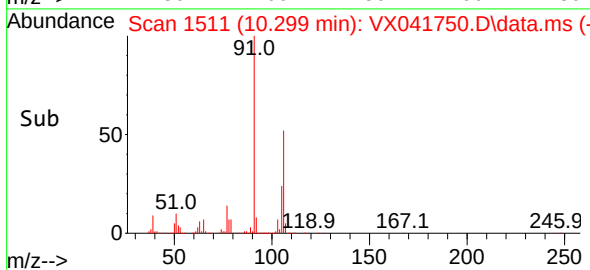
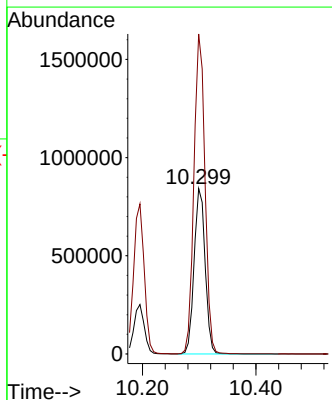
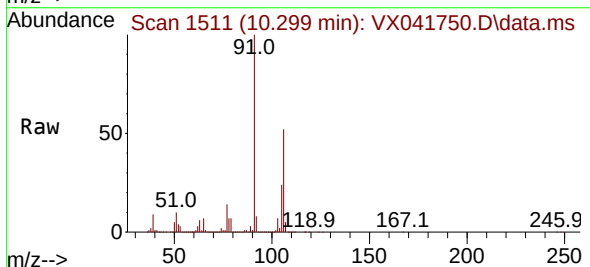
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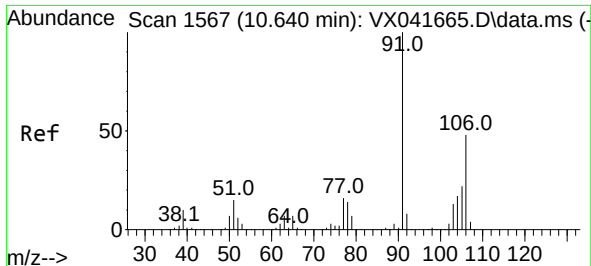
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#68
m/p-Xylenes
Concen: 339.575 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041750.D
Acq: 05 Jun 2024 15:15

Tgt Ion:106 Resp: 1135545
Ion Ratio Lower Upper
106 100
91 193.6 165.5 248.3





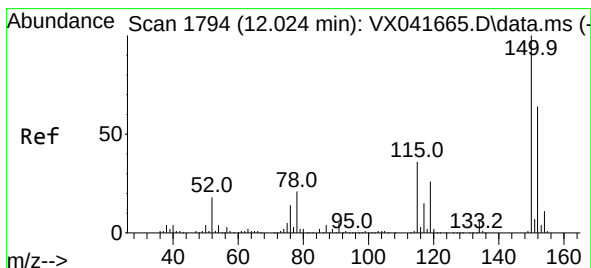
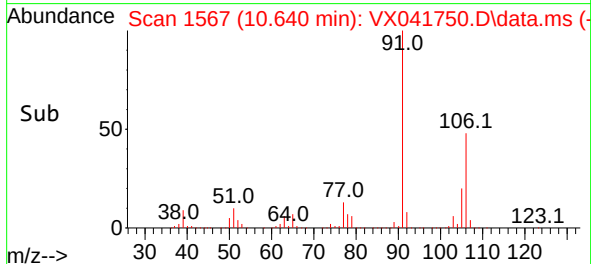
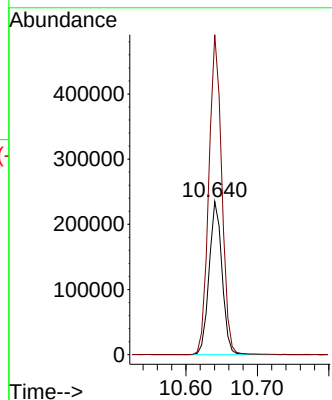
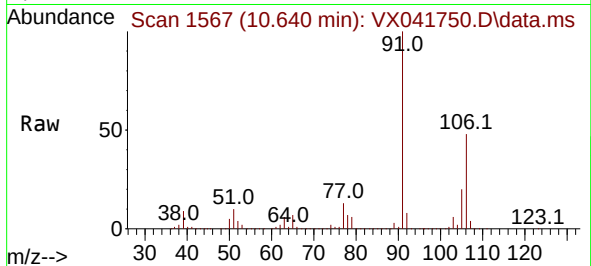
#69
o-Xylene
Concen: 88.547 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041750.D
Acq: 05 Jun 2024 15:15

Instrument :
MSVOA_X
ClientSampleId :
MW-6A

Tgt Ion:106 Resp: 294560
Ion Ratio Lower Upper
106 100
91 209.3 108.9 326.8

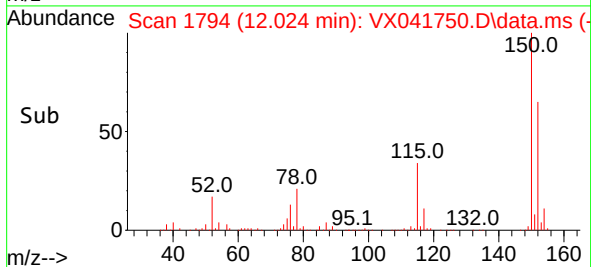
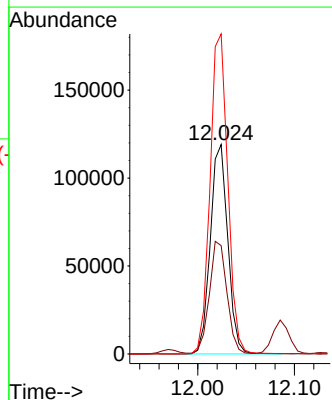
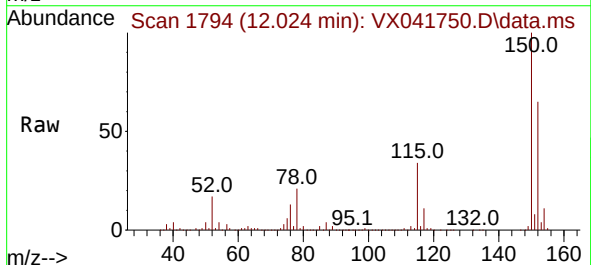
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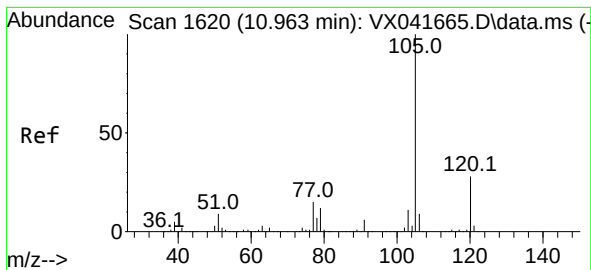
Reviewed By :John Carlone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041750.D
Acq: 05 Jun 2024 15:15

Tgt Ion:152 Resp: 149726
Ion Ratio Lower Upper
152 100
115 54.0 43.3 129.9
150 155.3 0.0 345.0





#73

Isopropylbenzene

Concen: 12.824 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041750.D

Acq: 05 Jun 2024 15:15

Instrument :

MSVOA_X

ClientSampleId :

MW-6A

Tgt Ion:105 Resp: 11910

Ion Ratio Lower Upper

105 100

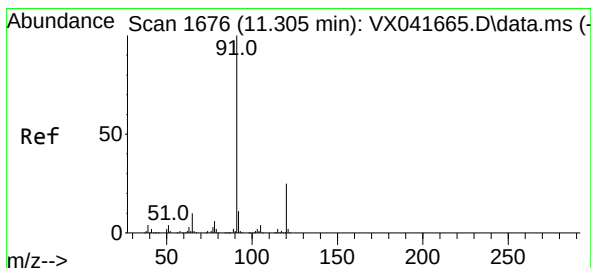
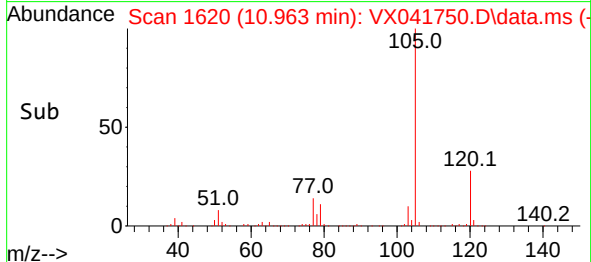
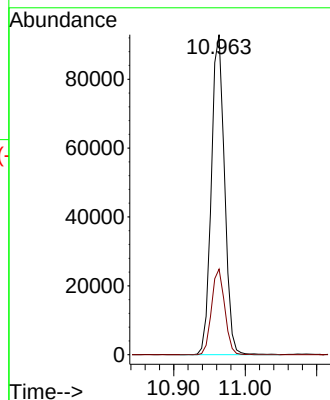
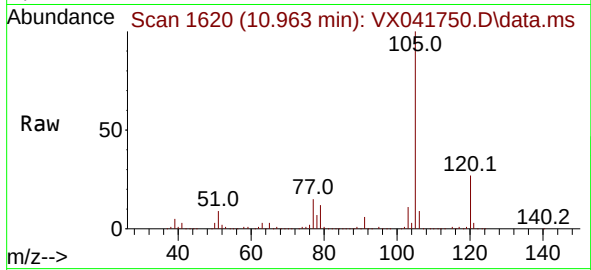
120 26.7 12.9 38.6

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Reviewed By :John Carlone 06/06/2024

Supervised By :Mahesh Dadoda 06/06/2024



#78

n-propylbenzene

Concen: 41.671 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX041750.D

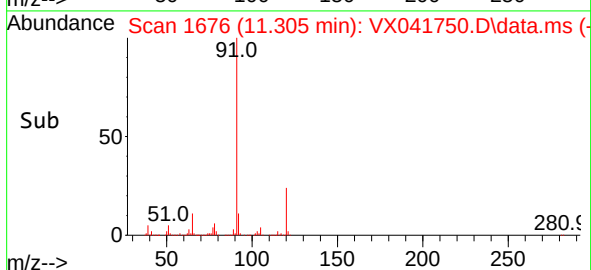
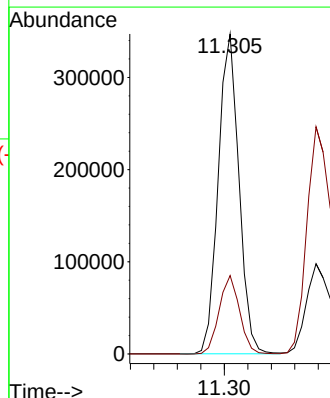
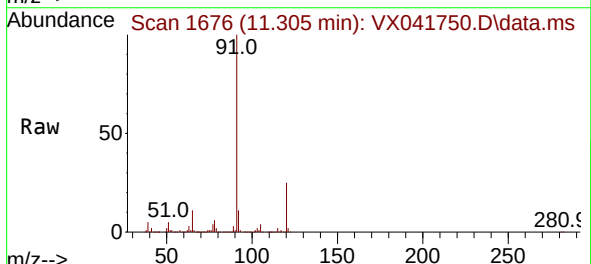
Acq: 05 Jun 2024 15:15

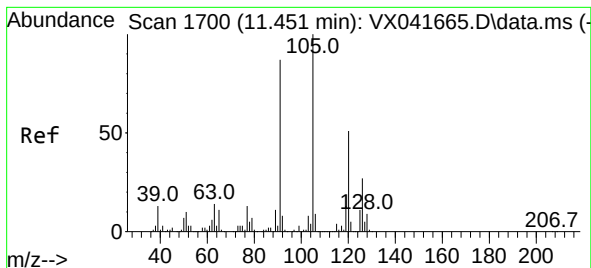
Tgt Ion: 91 Resp: 424981

Ion Ratio Lower Upper

91 100

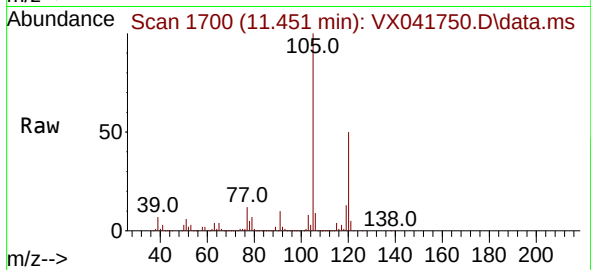
120 24.2 11.5 34.4





#80
1,3,5-Trimethylbenzene
Concen: 61.148 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041750.D
Acq: 05 Jun 2024 15:15

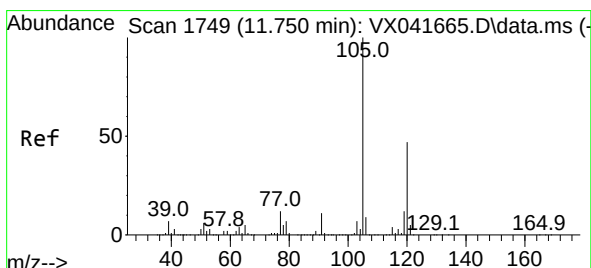
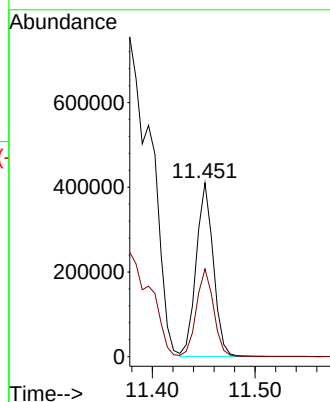
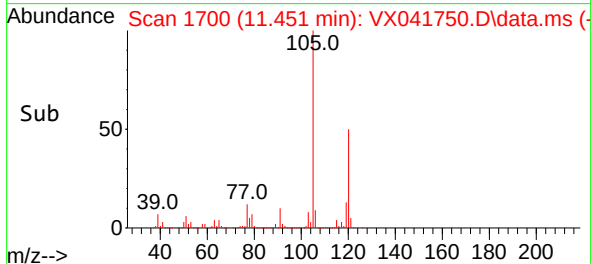
Instrument :
MSVOA_X
ClientSampleId :
MW-6A



Tgt Ion:105 Resp: 474169
Ion Ratio Lower Upper
105 100
120 51.1 24.1 72.3

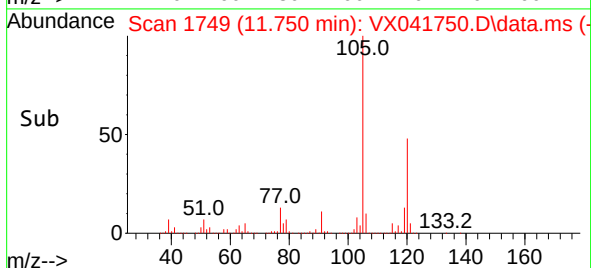
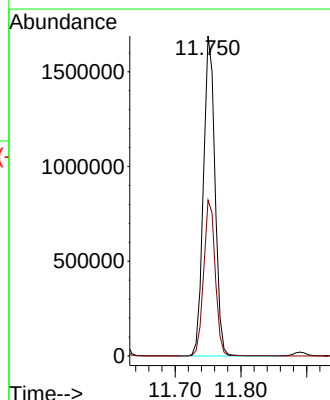
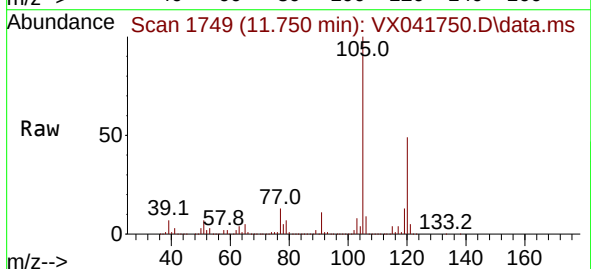
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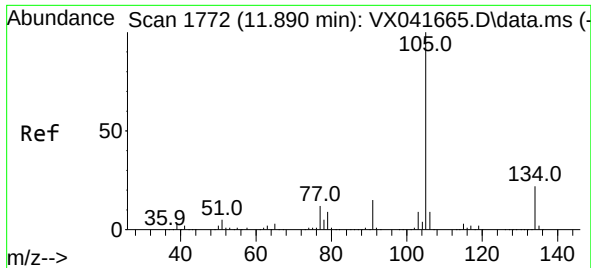
Reviewed By :John Carbone 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#84
1,2,4-Trimethylbenzene
Concen: 262.830 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX041750.D
Acq: 05 Jun 2024 15:15

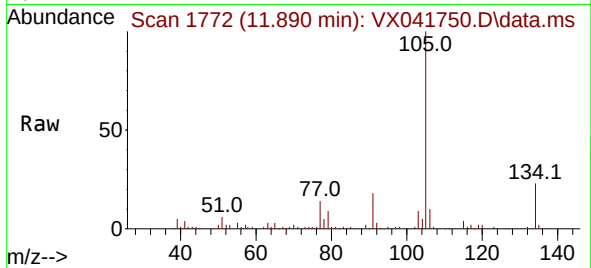
Tgt Ion:105 Resp: 2064976
Ion Ratio Lower Upper
105 100
120 48.7 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 2.862 ug/l m
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041750.D
 Acq: 05 Jun 2024 15:15

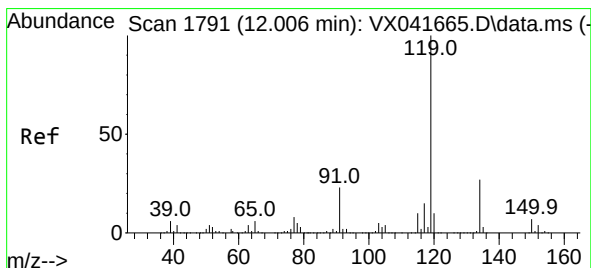
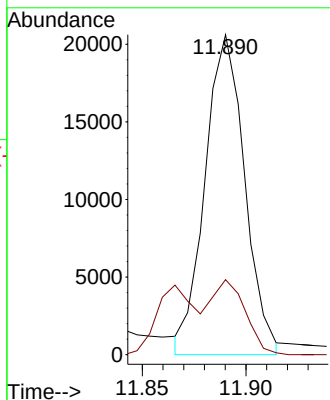
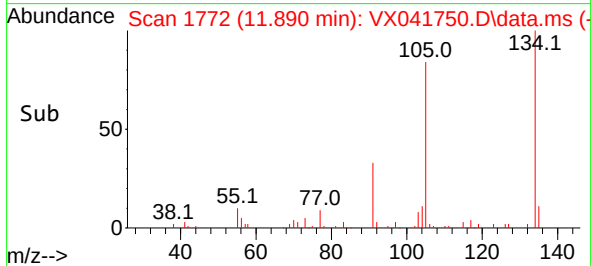
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6A



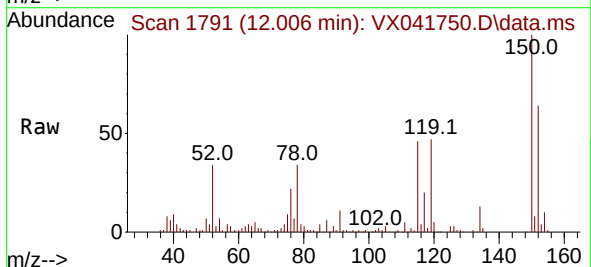
Tgt Ion:105 Resp: 27408
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.4

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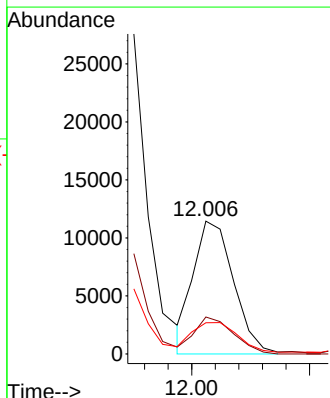
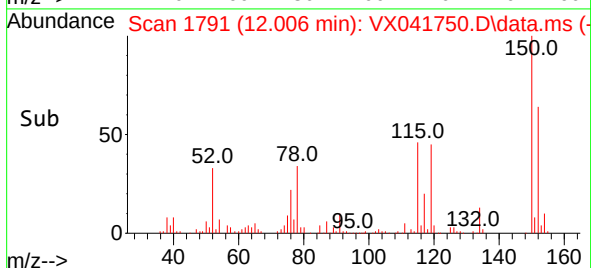
Reviewed By :John Carlone 06/06/2024
 Supervised By :Mahesh Dadoda 06/06/2024

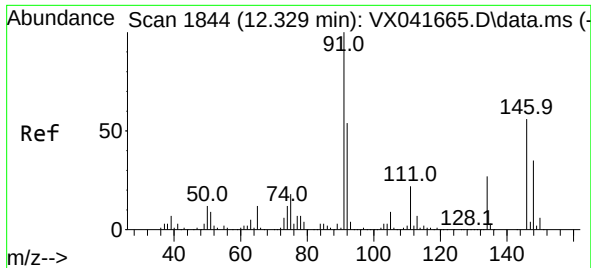


#86
 p-Isopropyltoluene
 Concen: 1.618 ug/l m
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX041750.D
 Acq: 05 Jun 2024 15:15



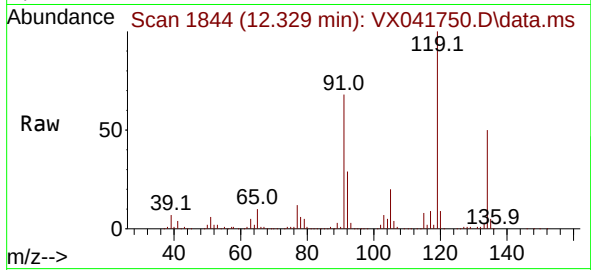
Tgt Ion:119 Resp: 13585
 Ion Ratio Lower Upper
 119 100
 134 88.4 12.8 38.3#
 91 67.9 13.1 39.3#





#89
 n-Butylbenzene
 Concen: 12.747 ug/l
 RT: 12.329 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX041750.D
 Acq: 05 Jun 2024 15:15

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6A



Tgt Ion: 91	Resp: 8475
Ion Ratio	Lower Upper
91	100
92	32.2 27.4 82.0
134	119.0 12.6 37.8

Manual Integrations
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Reviewed By :John Carlone 06/06/2024
 Supervised By :Mahesh Dadoda 06/06/2024

