

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
 Data File : VX032595.D
 Acq On : 05 Nov 2022 01:17
 Operator : JC/MD
 Sample : N5483-03 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2A

Quant Time: Nov 07 05:05:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/07/2022
 Supervised By :Mahesh Dadoda 11/07/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	119249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	195812	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82911	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82065	49.528	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.060%		
35) Dibromofluoromethane	5.385	113	63511	45.471	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.940%		
50) Toluene-d8	8.647	98	233804	48.140	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.280%		
62) 4-Bromofluorobenzene	11.079	95	91153	48.047	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.100%		
Target Compounds					Qvalue	
20) Methylene Chloride	2.794	84	1963	1.422	ug/l #	90
31) Cyclohexane	5.477	56	4362	2.171	ug/l	97
39) Methylcyclohexane	7.385	83	3030	1.317	ug/l #	84
40) Benzene	6.044	78	3319	0.603	ug/l	95
52) Toluene	8.720	92	50181	13.974	ug/l	96
67) Ethyl Benzene	10.195	91	127780	18.564	ug/l	98
68) m/p-Xylenes	10.299	106	175899	65.812	ug/l	100
69) o-Xylene	10.640	106	69385	26.700	ug/l	99
73) Isopropylbenzene	10.964	105	8667	1.319	ug/l	98
78) n-propylbenzene	11.305	91	24412	3.225	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	45789	8.155	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	154039	27.582	ug/l	99
85) sec-Butylbenzene	11.890	105	1728m	0.256	ug/l	
86) p-Isopropyltoluene	12.012	119	1354m	0.237	ug/l	
89) n-Butylbenzene	12.329	91	1850m	0.372	ug/l	
95) Naphthalene	13.774	128	38643	5.937	ug/l	99

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

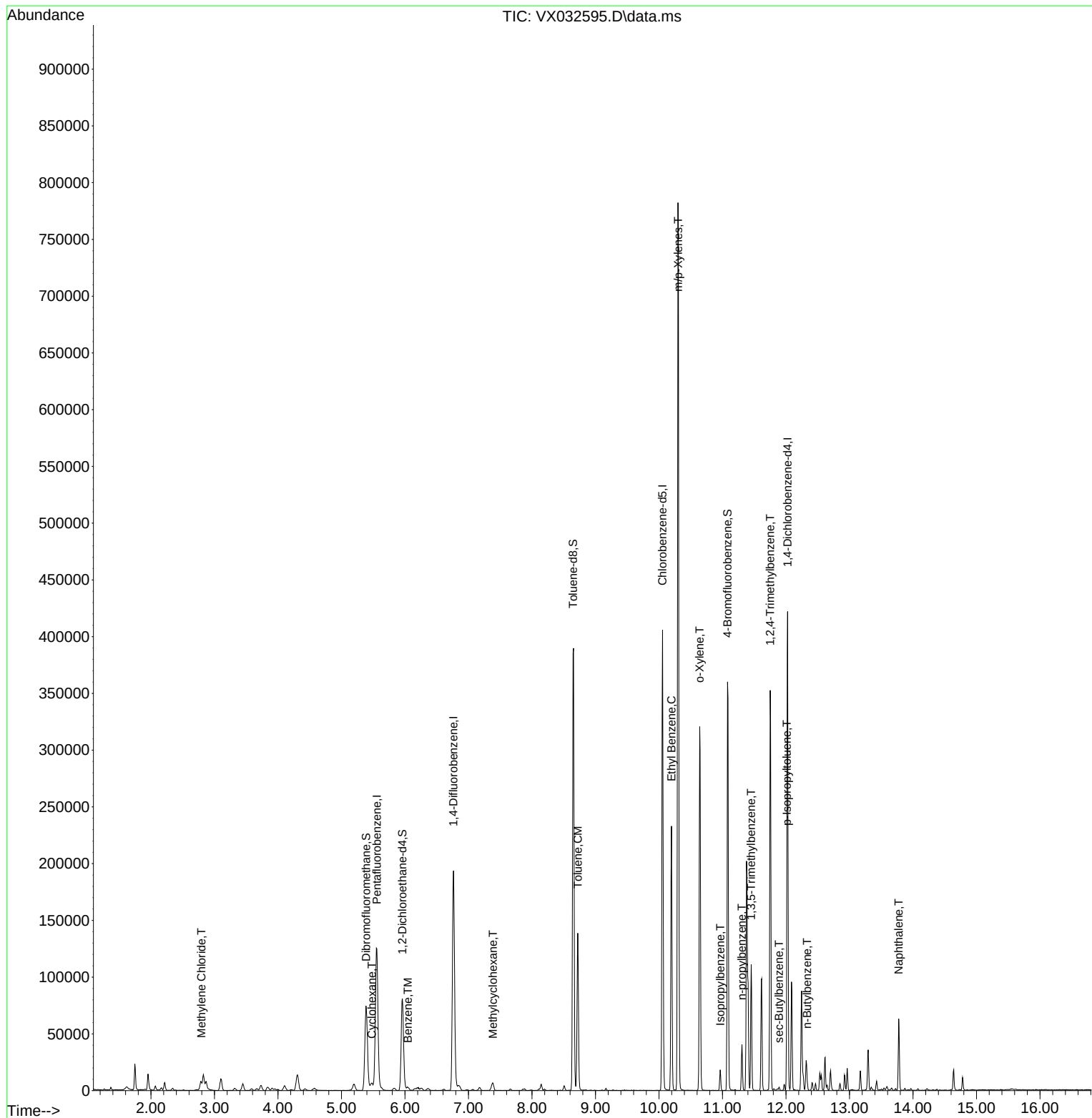
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
Data File : VX032595.D
Acq On : 05 Nov 2022 01:17
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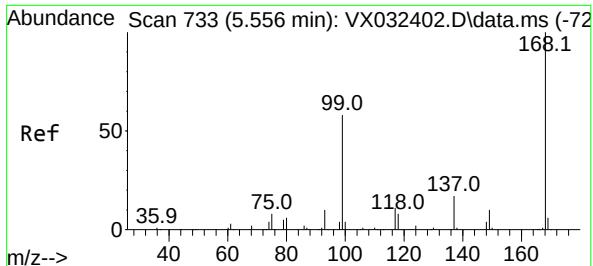
Instrument :
MSVOA_X
ClientSampleId :
MW-2A

Quant Time: Nov 07 05:05:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration

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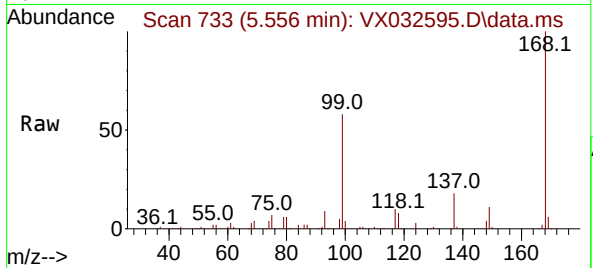
Reviewed By : John Carlone 11/07/2022
Supervised By : Mahesh Dadoda 11/07/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032595.D
Acq: 05 Nov 2022 01:17

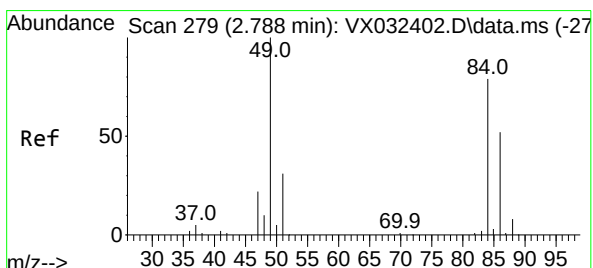
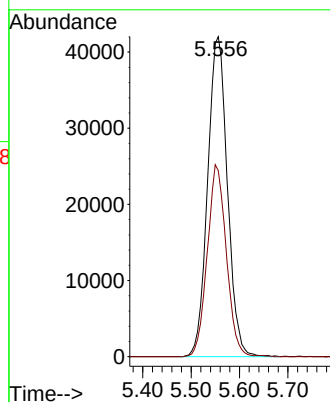
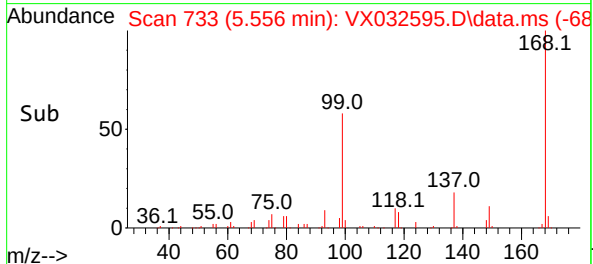
Instrument :
MSVOA_X
ClientSampleId :
MW-2A



Tgt Ion: 168 Resp: 119249
Ion Ratio Lower Upper
168 100
99 58.1 46.1 69.1

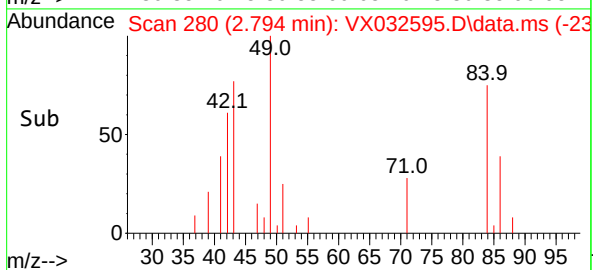
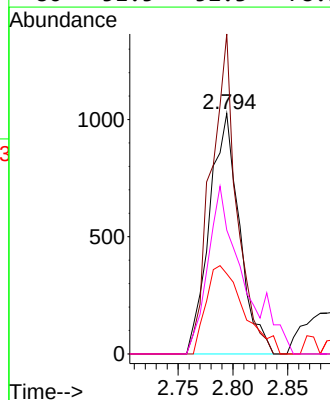
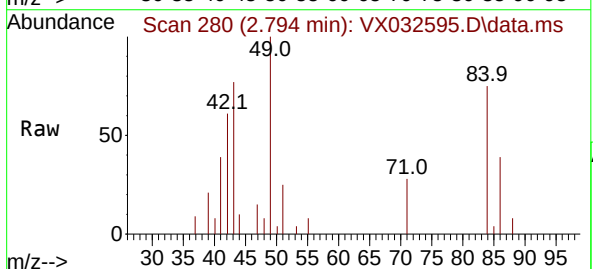
Manual Integrations
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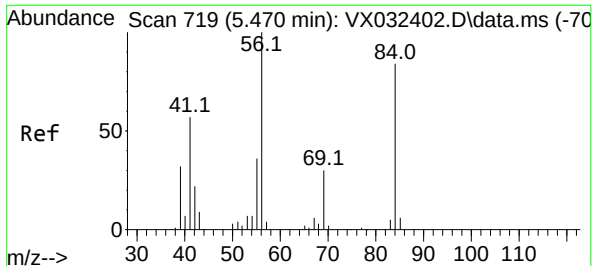
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#20
Methylene Chloride
Concen: 1.422 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX032595.D
Acq: 05 Nov 2022 01:17

Tgt Ion: 84 Resp: 1963
Ion Ratio Lower Upper
84 100
49 133.0 101.0 151.6
51 33.3 31.1 46.7
86 51.5 52.3 78.5





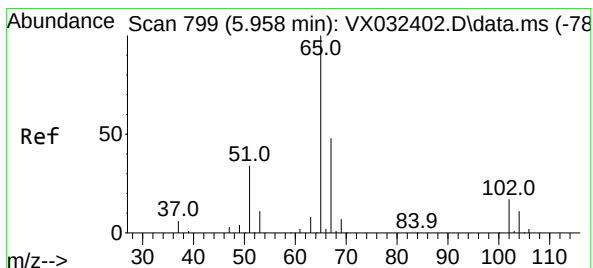
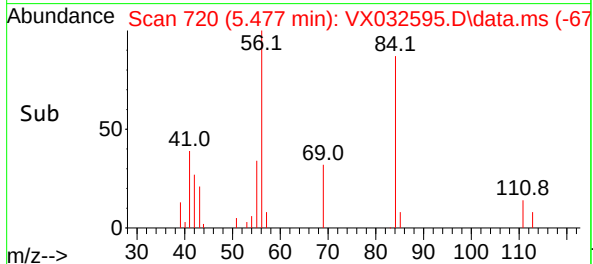
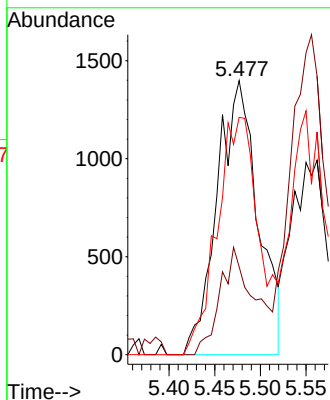
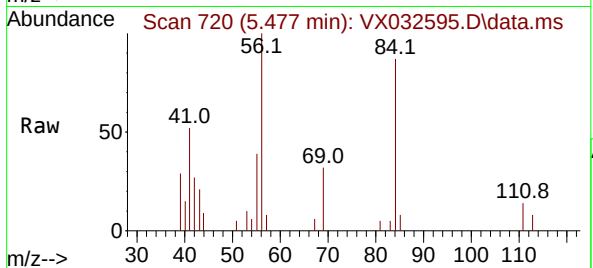
#31
Cyclohexane
Concen: 2.171 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX032595.D
Acq: 05 Nov 2022 01:17

Instrument :
MSVOA_X
ClientSampleId :
MW-2A

Tgt Ion: 56 Resp: 436
Ion Ratio Lower Upper
56 100
69 32.0 24.1 36.1
84 86.6 66.9 100.3

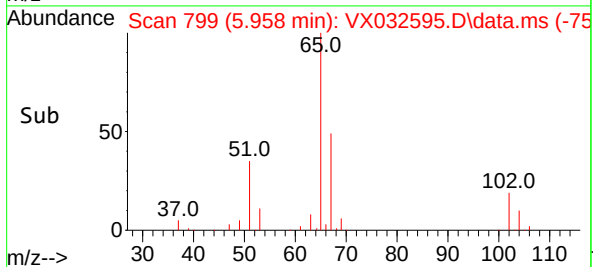
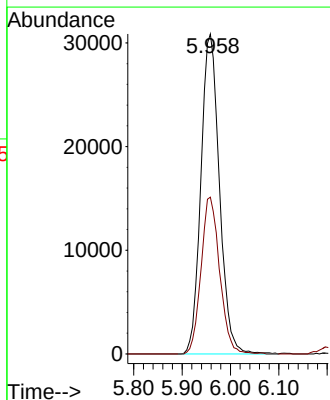
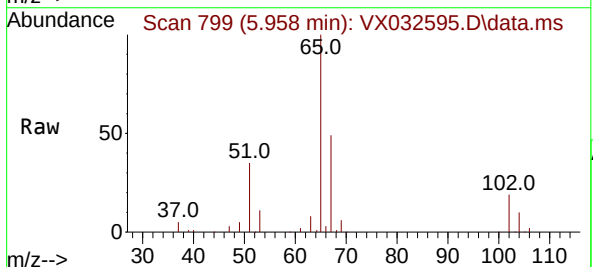
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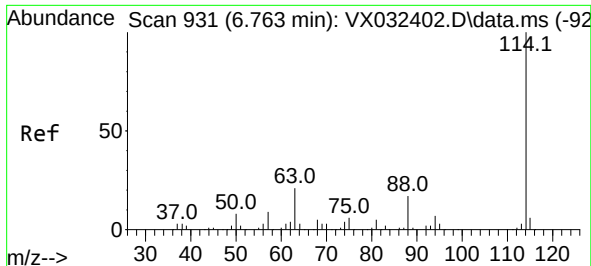
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#33
1,2-Dichloroethane-d4
Concen: 49.528 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032595.D
Acq: 05 Nov 2022 01:17

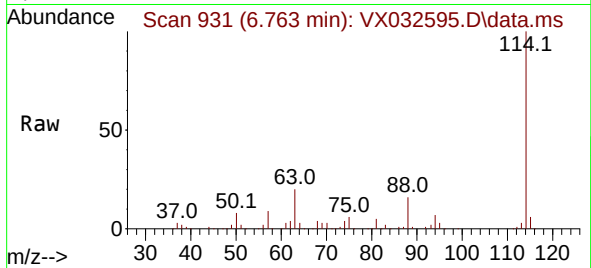
Tgt Ion: 65 Resp: 82065
Ion Ratio Lower Upper
65 100
67 49.2 0.0 101.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032595.D
Acq: 05 Nov 2022 01:17

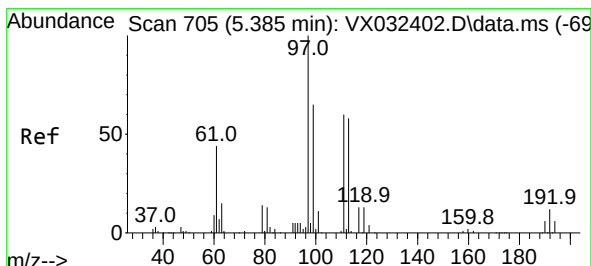
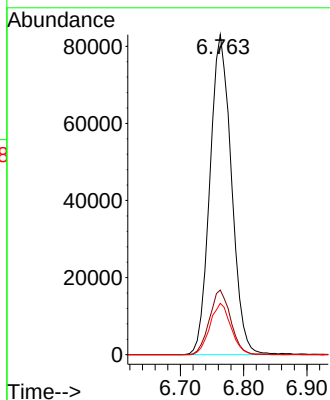
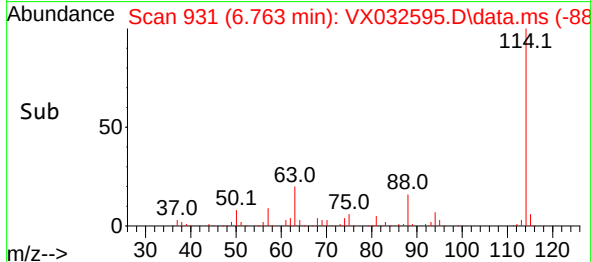
Instrument :
MSVOA_X
ClientSampleId :
MW-2A



Tgt Ion:114 Resp: 195812
Ion Ratio Lower Upper
114 100
63 20.2 0.0 41.6
88 16.1 0.0 33.4

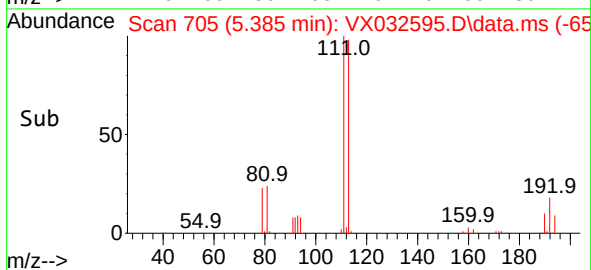
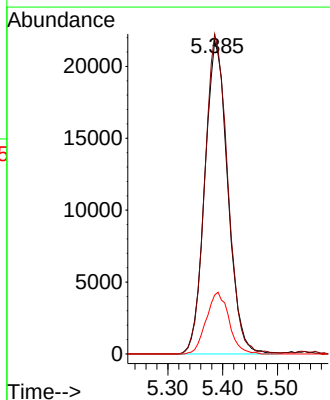
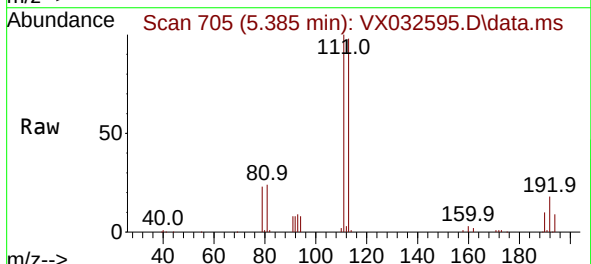
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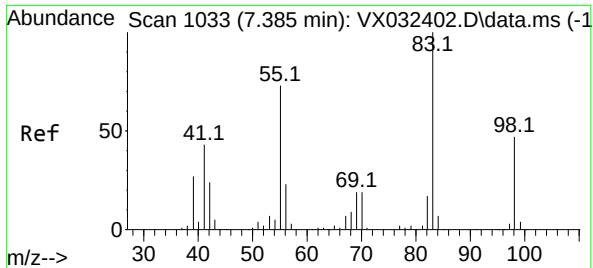
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#35
Dibromofluoromethane
Concen: 45.471 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032595.D
Acq: 05 Nov 2022 01:17

Tgt Ion:113 Resp: 63511
Ion Ratio Lower Upper
113 100
111 101.8 82.4 123.6
192 19.4 15.4 23.2





#39

Methylcyclohexane

Concen: 1.317 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX032595.D

Acq: 05 Nov 2022 01:17

Instrument :

MSVOA_X

ClientSampleId :

MW-2A

Tgt Ion: 83 Resp: 3030

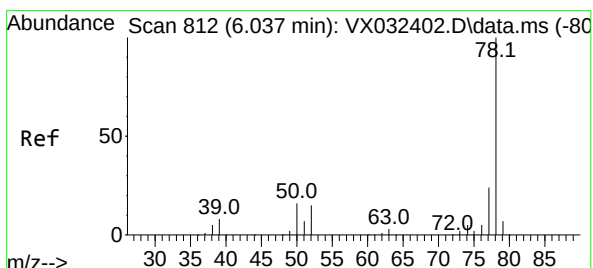
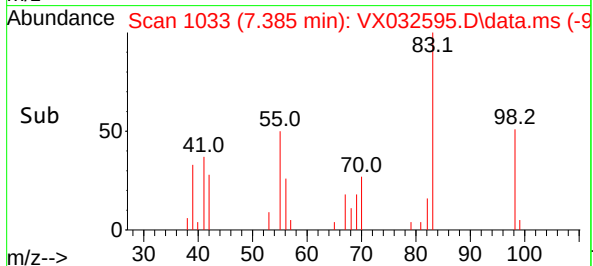
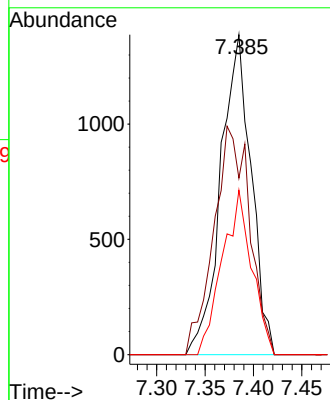
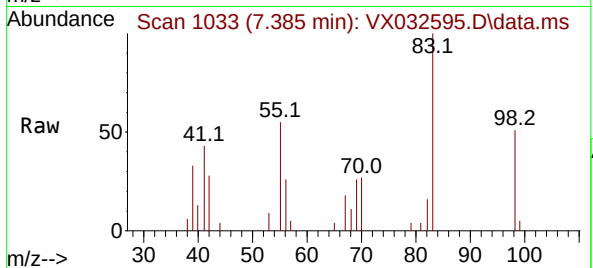
Ion	Ratio	Lower	Upper
83	100		
55	55.1	58.4	87.6
98	51.4	37.2	55.8

Manual Integrations

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Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#40

Benzene

Concen: 0.603 ug/l

RT: 6.044 min Scan# 813

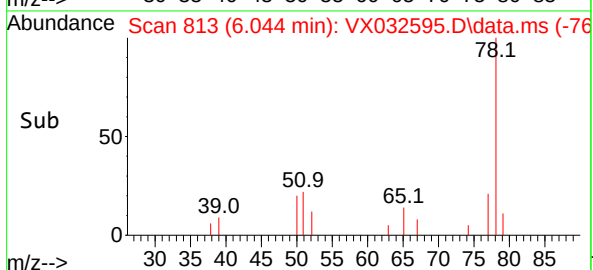
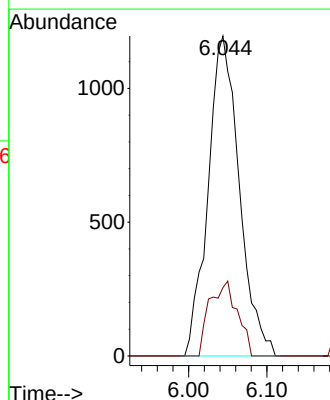
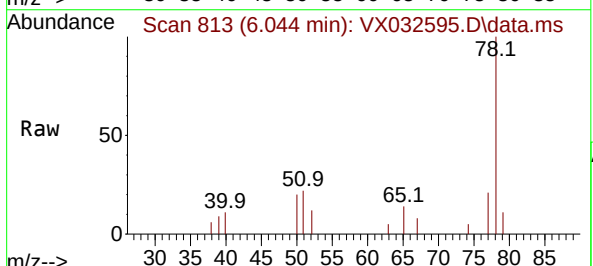
Delta R.T. 0.006 min

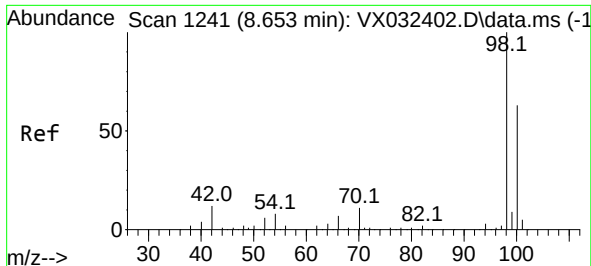
Lab File: VX032595.D

Acq: 05 Nov 2022 01:17

Tgt Ion: 78 Resp: 3319

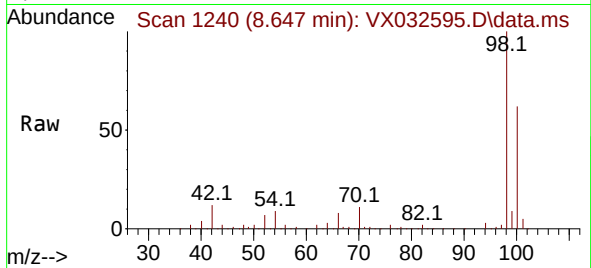
Ion	Ratio	Lower	Upper
78	100		
77	21.3	19.0	28.4





#50
Toluene-d8
Concen: 48.140 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032595.D
Acq: 05 Nov 2022 01:17

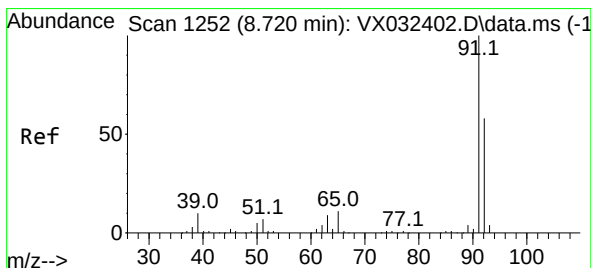
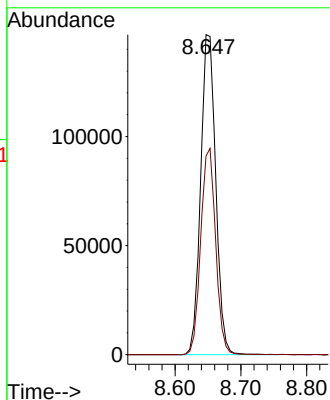
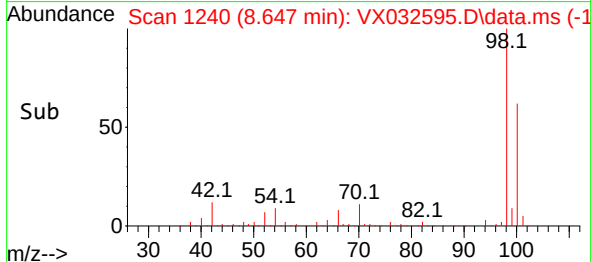
Instrument :
MSVOA_X
ClientSampleId :
MW-2A



Tgt Ion: 98 Resp: 233804
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3

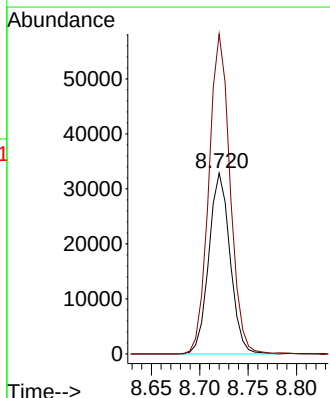
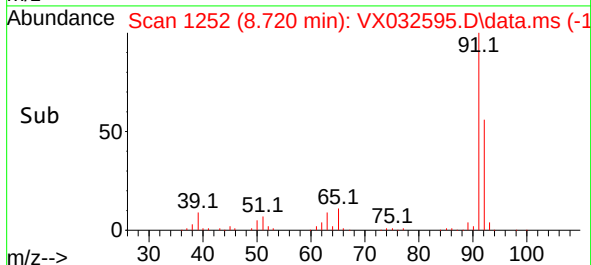
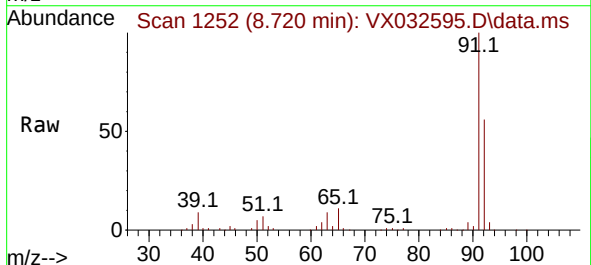
Manual Integrations
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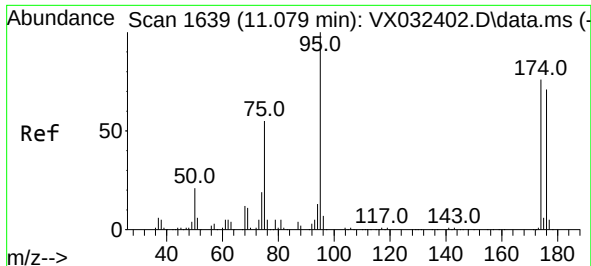
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#52
Toluene
Concen: 13.974 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032595.D
Acq: 05 Nov 2022 01:17

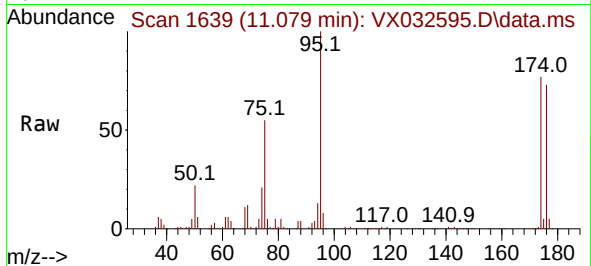
Tgt Ion: 92 Resp: 50181
Ion Ratio Lower Upper
92 100
91 177.9 138.3 207.5





#62
4-Bromofluorobenzene
Concen: 48.047 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032595.D
Acq: 05 Nov 2022 01:17

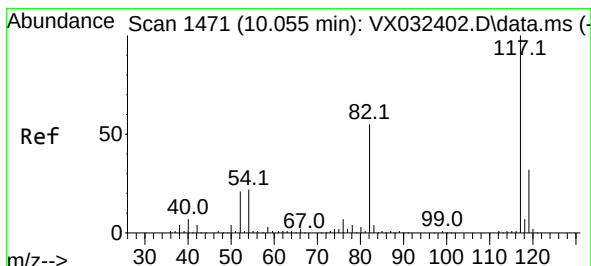
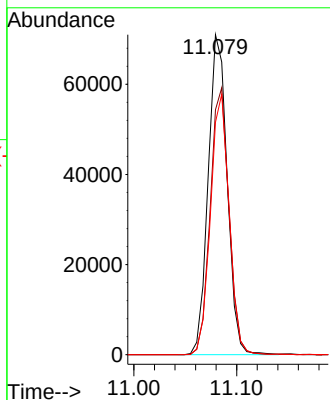
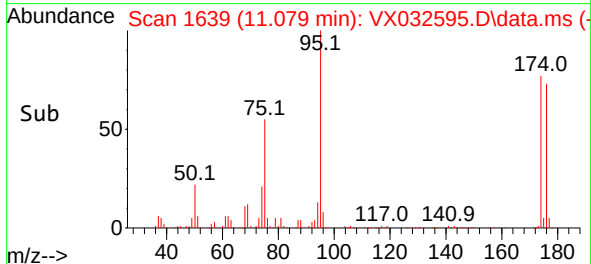
Instrument :
MSVOA_X
ClientSampleId :
MW-2A



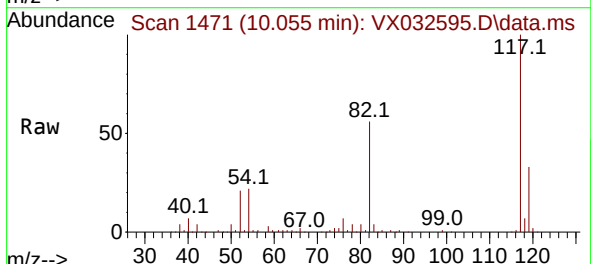
Tgt Ion: 95 Resp: 9115
Ion Ratio Lower Upper
95 100
174 82.4 0.0 164.0
176 79.9 0.0 154.4

Manual Integrations
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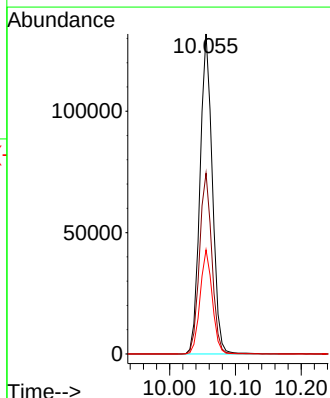
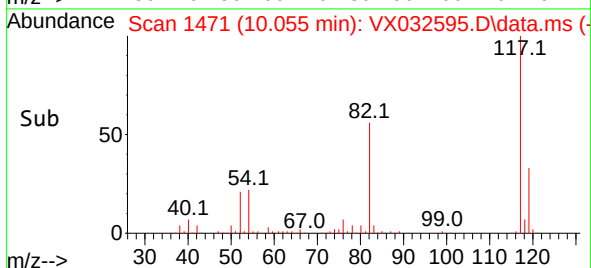
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

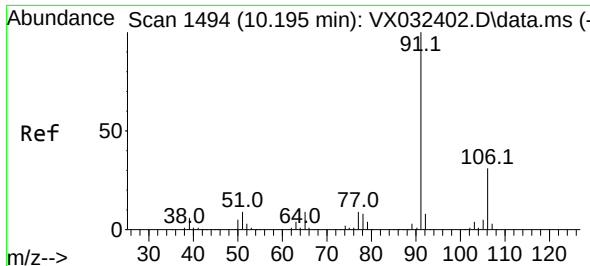


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032595.D
Acq: 05 Nov 2022 01:17



Tgt Ion:117 Resp: 171832
Ion Ratio Lower Upper
117 100
82 56.5 44.3 66.5
119 32.5 25.7 38.5





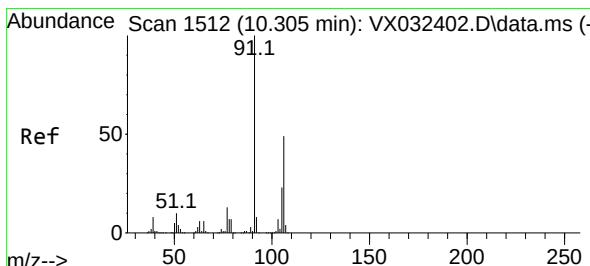
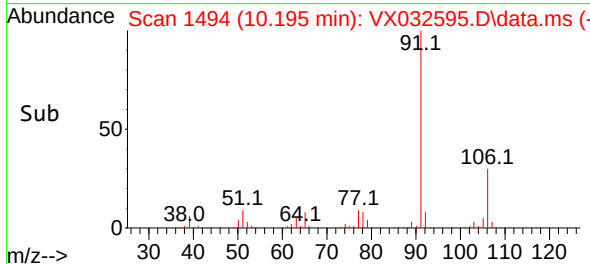
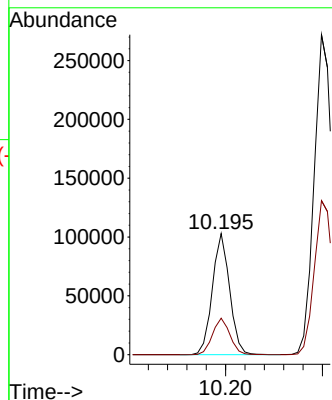
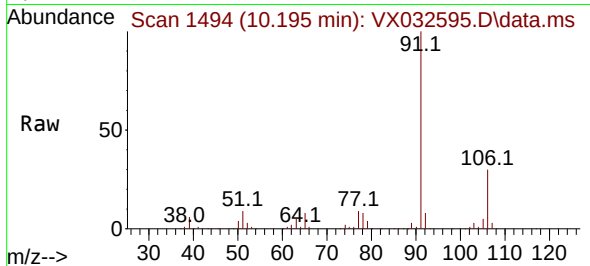
#67
Ethyl Benzene
Concen: 18.564 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032595.D
Acq: 05 Nov 2022 01:17

Instrument :
MSVOA_X
ClientSampleId :
MW-2A

Tgt Ion: 91 Resp: 127780
Ion Ratio Lower Upper
91 100
106 30.1 25.0 37.6

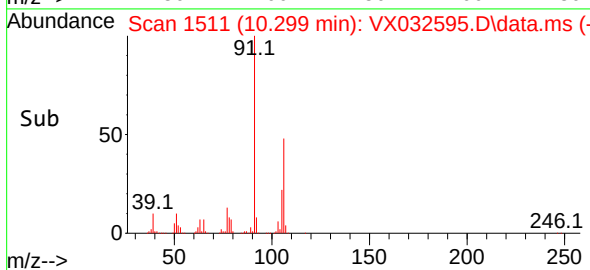
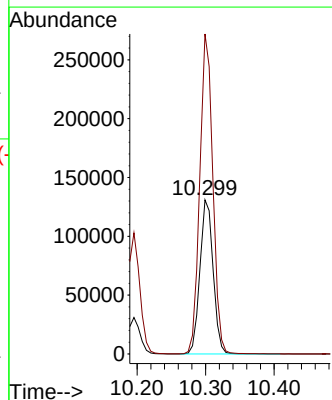
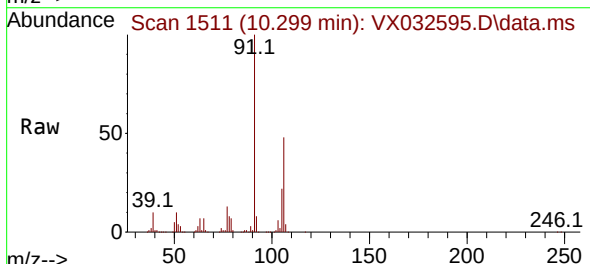
Manual Integrations
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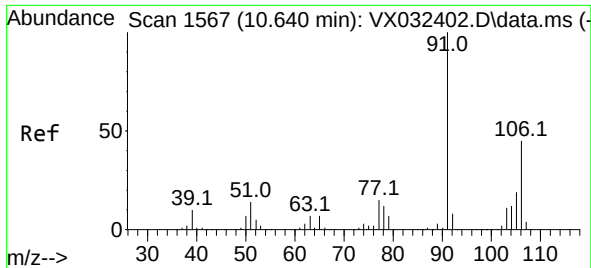
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#68
m/p-Xylenes
Concen: 65.812 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032595.D
Acq: 05 Nov 2022 01:17

Tgt Ion:106 Resp: 175899
Ion Ratio Lower Upper
106 100
91 205.7 164.5 246.7





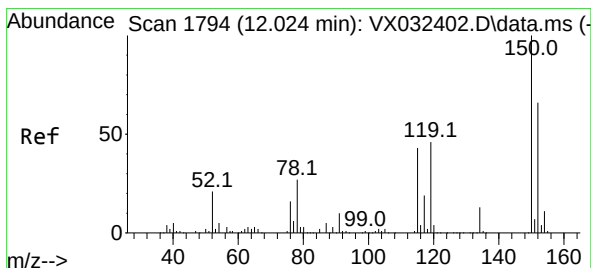
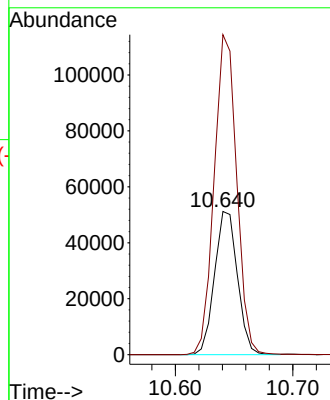
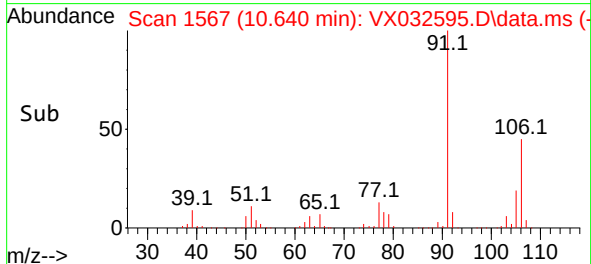
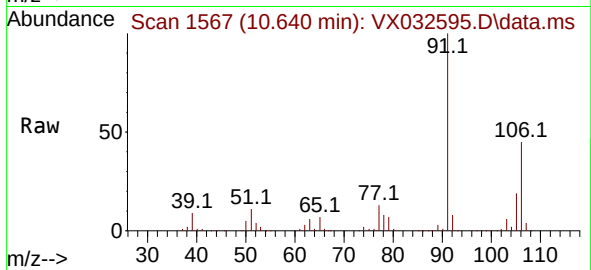
#69
o-Xylene
Concen: 26.700 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032595.D
Acq: 05 Nov 2022 01:17

Instrument :
MSVOA_X
ClientSampleId :
MW-2A

Tgt Ion:106 Resp: 6938
Ion Ratio Lower Upper
106 100
91 220.5 109.2 327.6

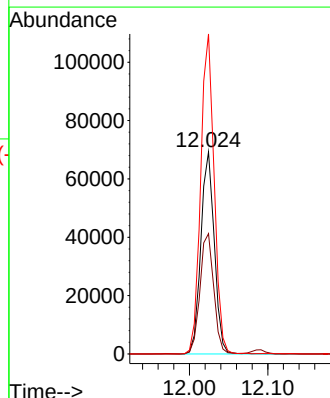
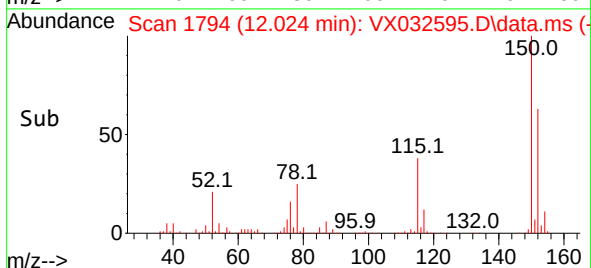
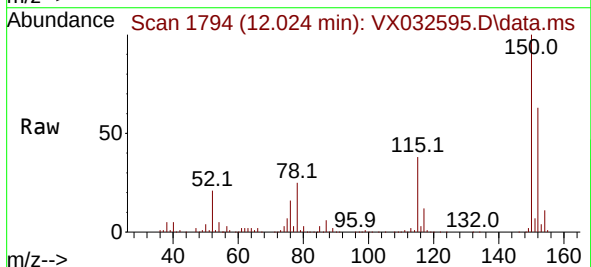
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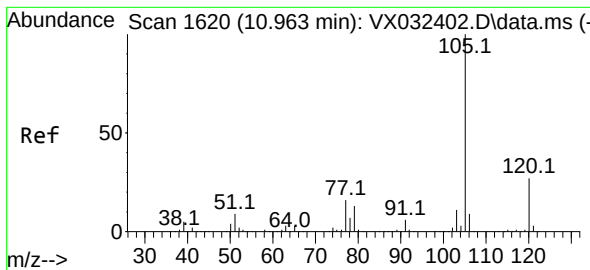
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032595.D
Acq: 05 Nov 2022 01:17

Tgt Ion:152 Resp: 82911
Ion Ratio Lower Upper
152 100
115 61.0 44.0 132.0
150 158.4 0.0 351.8





#73

Isopropylbenzene

Concen: 1.319 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX032595.D

Acq: 05 Nov 2022 01:17

Instrument :

MSVOA_X

ClientSampleId :

MW-2A

Tgt Ion:105 Resp: 866

Ion Ratio Lower Upper

105 100

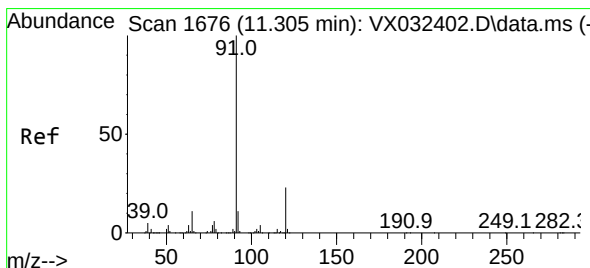
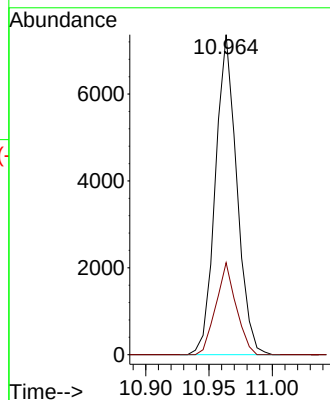
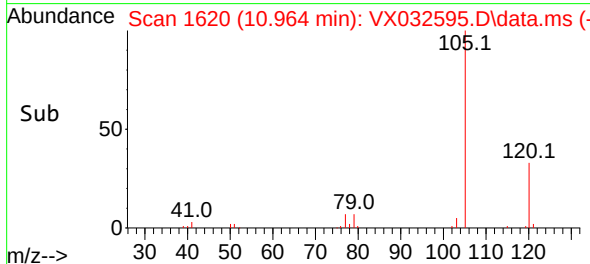
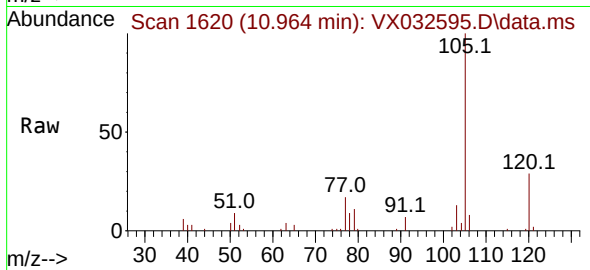
120 27.1 13.1 39.3

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Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#78

n-propylbenzene

Concen: 3.225 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX032595.D

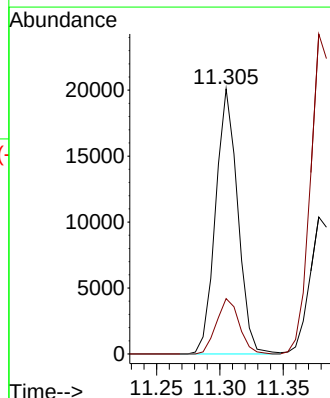
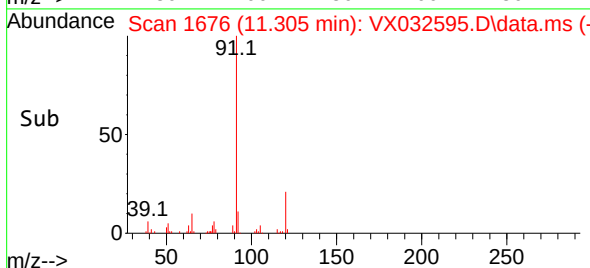
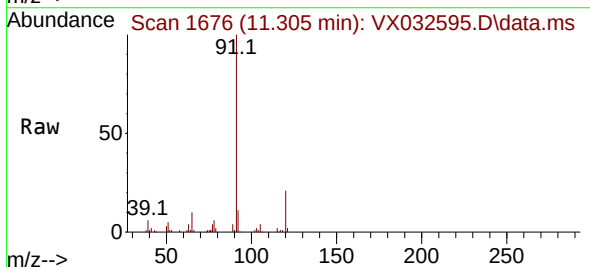
Acq: 05 Nov 2022 01:17

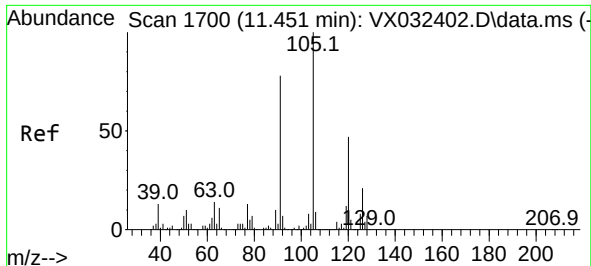
Tgt Ion: 91 Resp: 24412

Ion Ratio Lower Upper

91 100

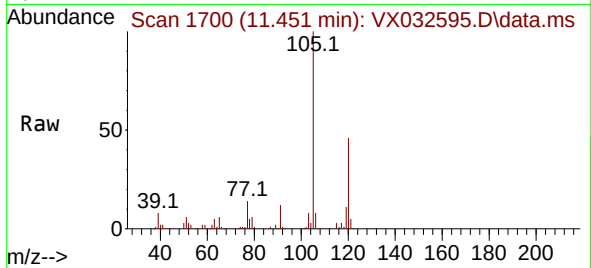
120 21.5 11.6 34.8





#80
 1,3,5-Trimethylbenzene
 Concen: 8.155 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX032595.D
 Acq: 05 Nov 2022 01:17

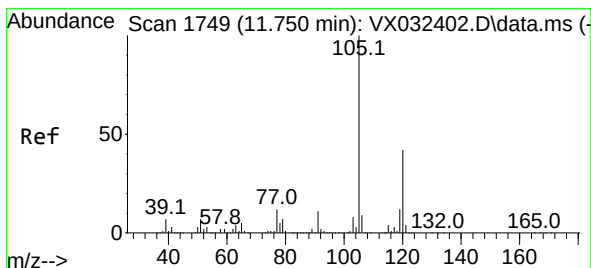
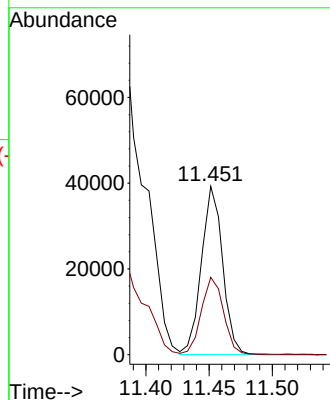
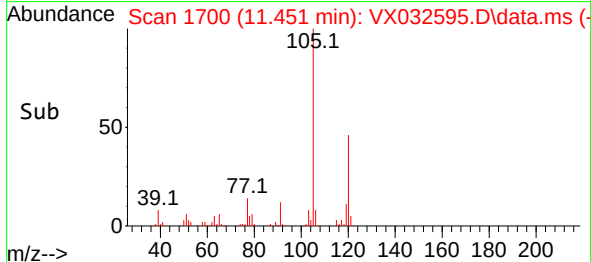
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2A



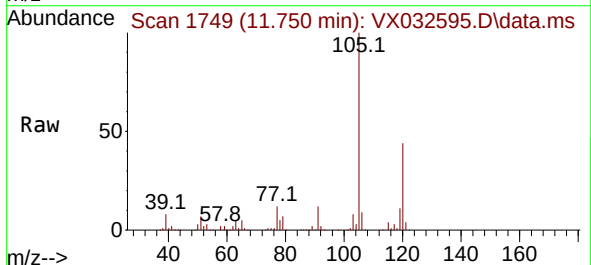
Tgt Ion:105 Resp: 45789
 Ion Ratio Lower Upper
 105 100
 120 48.1 23.6 71.0

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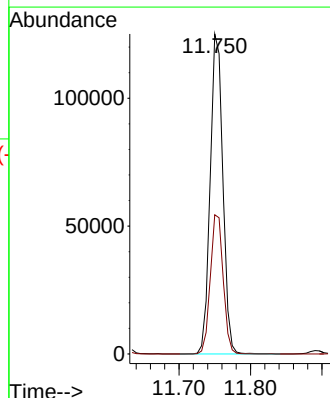
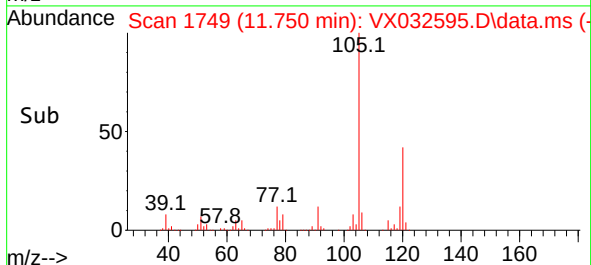
Reviewed By :John Carlone 11/07/2022
 Supervised By :Mahesh Dadoda 11/07/2022

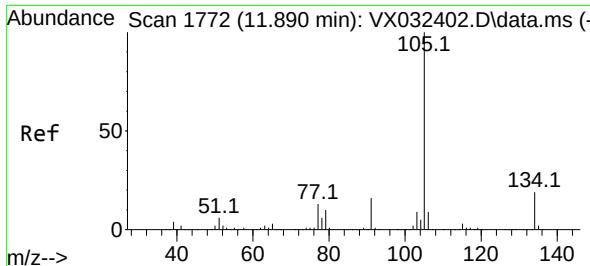


#84
 1,2,4-Trimethylbenzene
 Concen: 27.582 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX032595.D
 Acq: 05 Nov 2022 01:17



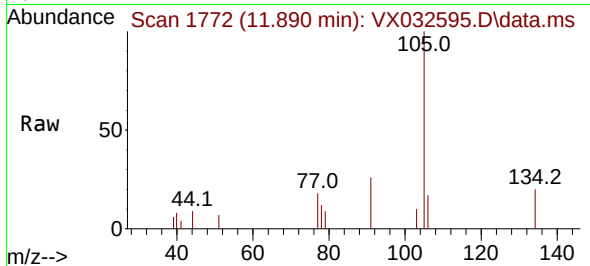
Tgt Ion:105 Resp: 154039
 Ion Ratio Lower Upper
 105 100
 120 44.1 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 0.256 ug/l m
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032595.D
 Acq: 05 Nov 2022 01:17

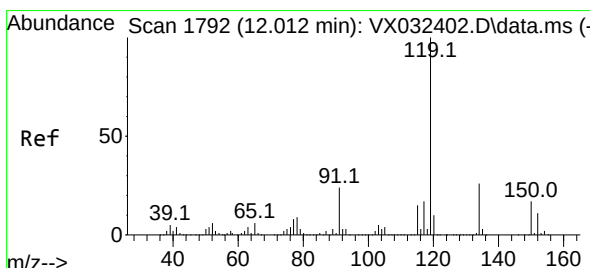
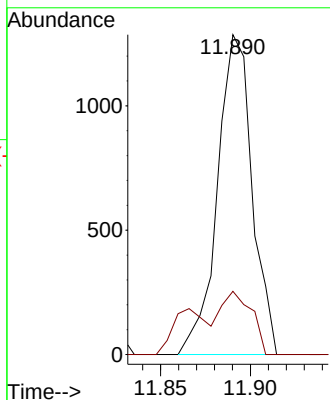
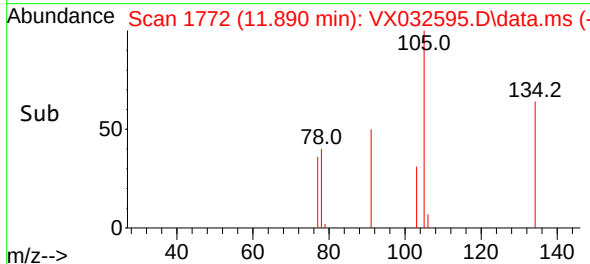
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2A



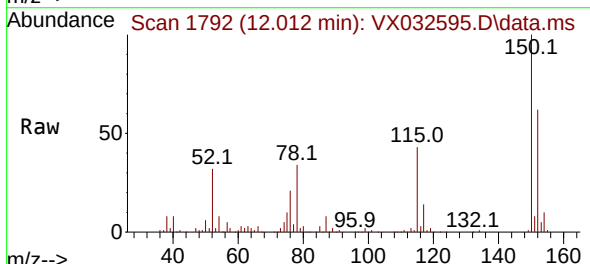
Tgt Ion:105 Resp: 1728
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.9 29.7

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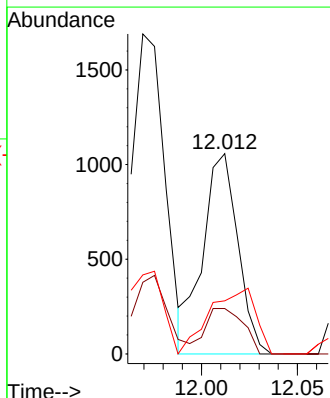
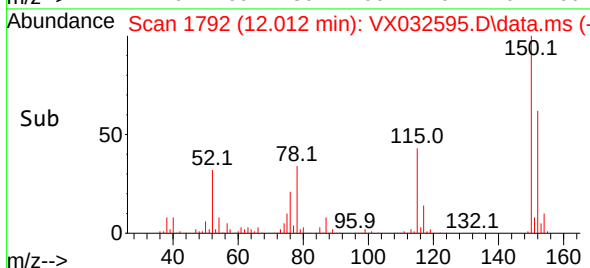
Reviewed By :John Carlone 11/07/2022
 Supervised By :Mahesh Dadoda 11/07/2022

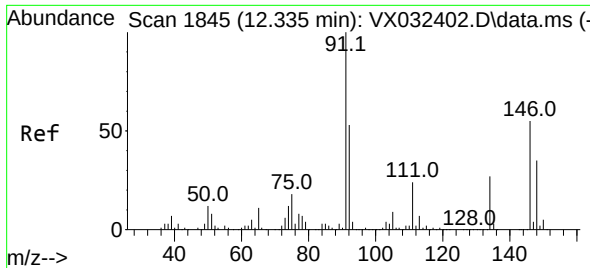


#86
 p-Isopropyltoluene
 Concen: 0.237 ug/l m
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032595.D
 Acq: 05 Nov 2022 01:17



Tgt Ion:119 Resp: 1354
 Ion Ratio Lower Upper
 119 100
 134 38.5 12.9 38.7
 91 40.4 12.5 37.5





#89

n-Butylbenzene

Concen: 0.372 ug/l m

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX032595.D

Acq: 05 Nov 2022 01:17

Instrument :

MSVOA_X

ClientSampleId :

MW-2A

Tgt Ion: 91 Resp: 1850

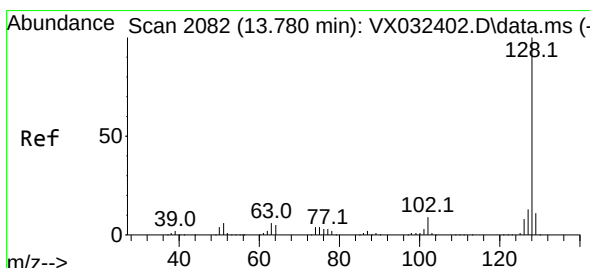
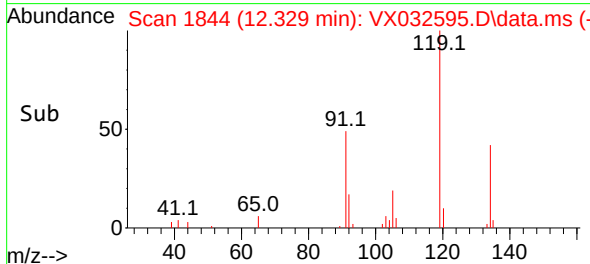
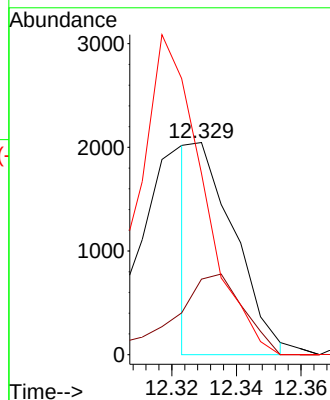
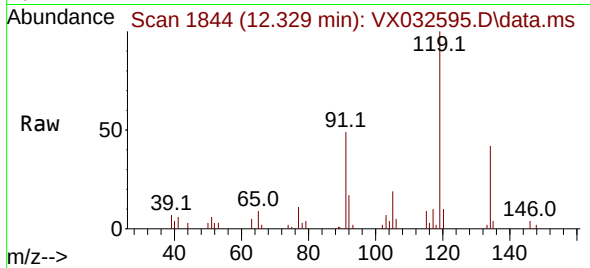
Ion	Ratio	Lower	Upper
91	100		
92	64.2	26.2	78.6
134	230.8	12.9	38.6

Manual Integrations

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Reviewed By :John Carlone 11/07/2022

Supervised By :Mahesh Dadoda 11/07/2022



#95

Naphthalene

Concen: 5.937 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX032595.D

Acq: 05 Nov 2022 01:17

Tgt Ion:128 Resp: 38643

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	10.7	8.9	13.3

