

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010522\
 Data File : VX026325.D
 Acq On : 05 Jan 2022 16:23
 Operator : JC/MD
 Sample : N1005-07DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WETR-SBDL

Quant Time: Jan 06 03:10:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/06/2022
 Supervised By : Mahesh Dadoda 01/07/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	136733	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	229073	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.030	152	102038	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	97209	49.142	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.280%		
35) Dibromofluoromethane	5.391	113	73483	49.341	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.680%		
50) Toluene-d8	8.653	98	271267	48.969	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.940%		
62) 4-Bromofluorobenzene	11.085	95	108254	54.895	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.800%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.977	59	170606	431.809	ug/l	98
16) Acetone	2.386	43	570918	532.684	ug/l	95
18) Methyl Acetate	2.709	43	59103	17.001	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	89920	17.003	ug/l	94
20) Methylene Chloride	2.788	84	2420	0.476	ug/l	96
25) 2-Butanone	4.562	43	191973	128.584	ug/l	100
31) Cyclohexane	5.470	56	3755	1.333	ug/l #	84
39) Methylcyclohexane	7.385	83	2527	0.933	ug/l #	1
40) Benzene	6.044	78	416509	60.756	ug/l	99
49) 1,4-Dioxane	7.671	88	38575	961.532	ug/l #	59
51) 4-Methyl-2-Pentanone	8.580	43	92695	32.815	ug/l	95
52) Toluene	8.720	92	335444	79.482	ug/l	99
59) 2-Hexanone	9.439	43	11430	5.342	ug/l	97
67) Ethyl Benzene	10.195	91	214082	26.711	ug/l	97
68) m/p-Xylenes	10.305	106	499024	166.757	ug/l	95
69) o-Xylene	10.646	106	281129	96.014	ug/l	95
73) Isopropylbenzene	10.963	105	15709	1.981	ug/l	96
78) n-propylbenzene	11.305	91	31290	3.431	ug/l	90
80) 1,3,5-Trimethylbenzene	11.451	105	58976	8.960	ug/l	97
82) 4-Chlorotoluene	11.451	91	6846	1.080	ug/l #	44
84) 1,2,4-Trimethylbenzene	11.756	105	198333	30.157	ug/l	93
85) sec-Butylbenzene	11.896	105	5457m	0.684	ug/l	
89) n-Butylbenzene	12.323	91	13541	2.293	ug/l #	41

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

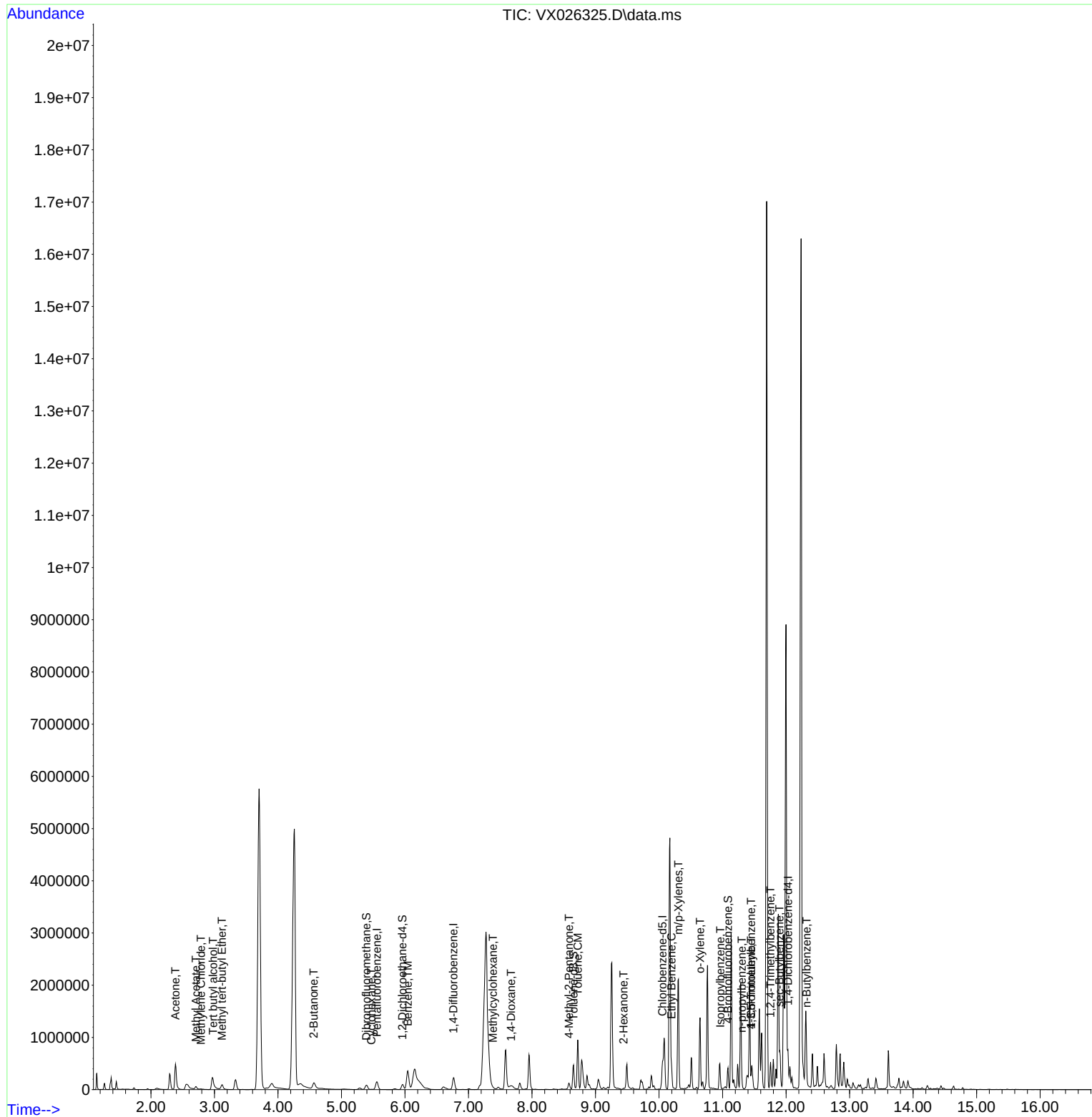
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010522\
Data File : VX026325.D
Acq On : 05 Jan 2022 16:23
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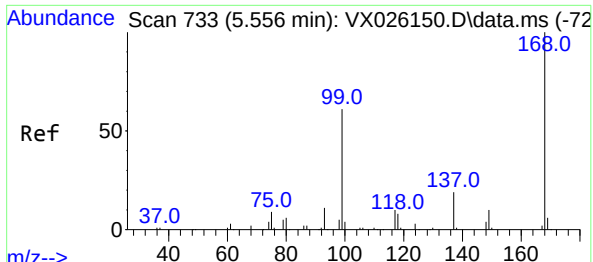
Instrument :
MSVOA_X
ClientSampleId :
WETR-SBDL

Quant Time: Jan 06 03:10:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration

Manual Integrations
APPROVED

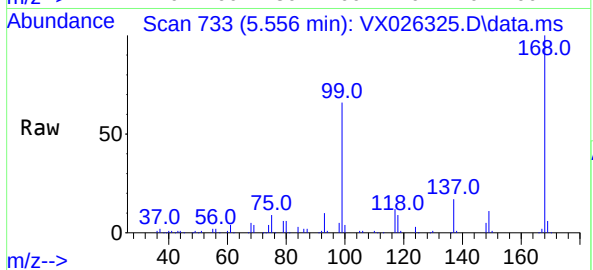
Reviewed By : John Carlone 01/06/2022
Supervised By : Mahesh Dadoda 01/07/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026325.D
Acq: 05 Jan 2022 16:23

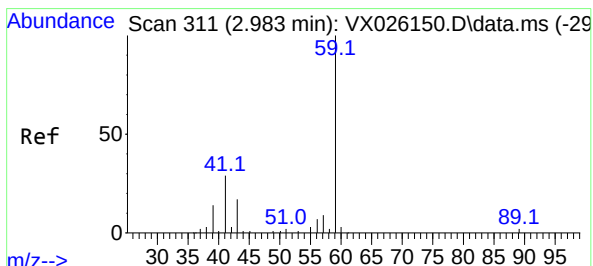
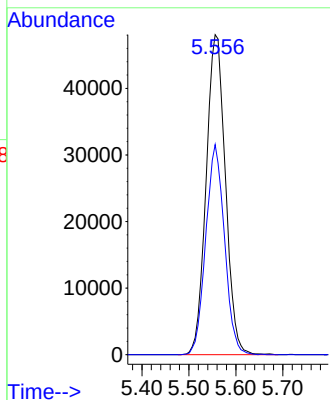
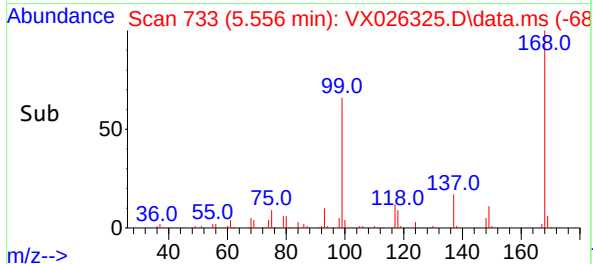
Instrument :
MSVOA_X
ClientSampleId :
WETR-SBDL



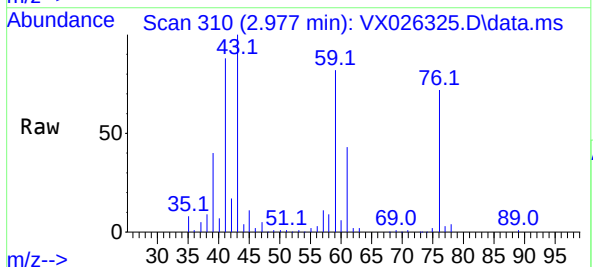
Tgt Ion:168 Resp: 13673
Ion Ratio Lower Upper
168 100
99 65.6 45.8 68.8

Manual Integrations
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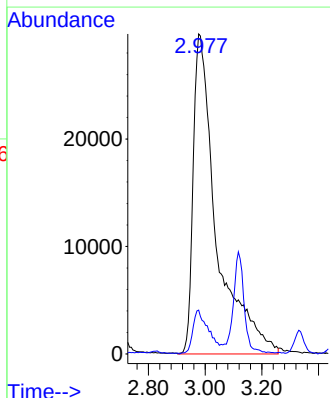
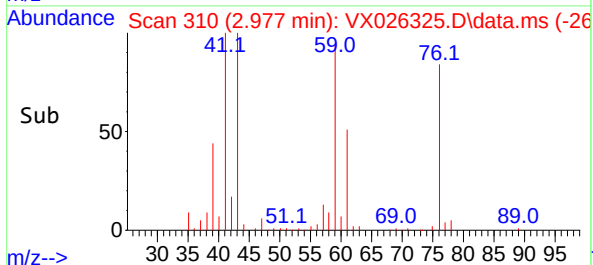
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/07/2022

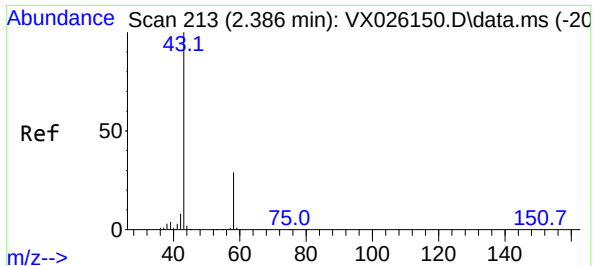


#11
Tert butyl alcohol
Concen: 431.809 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX026325.D
Acq: 05 Jan 2022 16:23



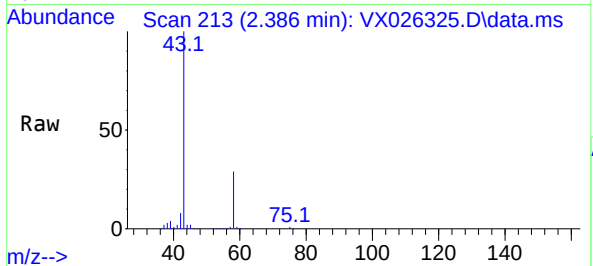
Tgt Ion: 59 Resp: 170606
Ion Ratio Lower Upper
59 100
57 9.5 8.2 12.2





#16
Acetone
Concen: 532.684 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX026325.D
Acq: 05 Jan 2022 16:23

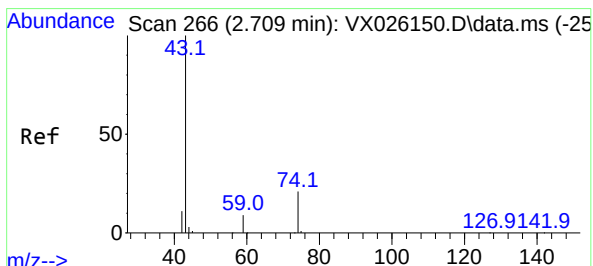
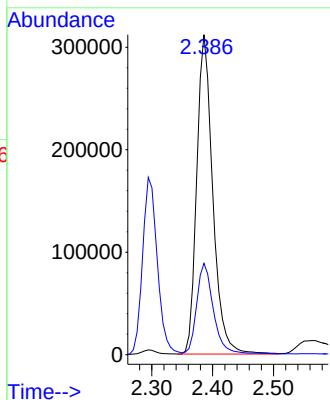
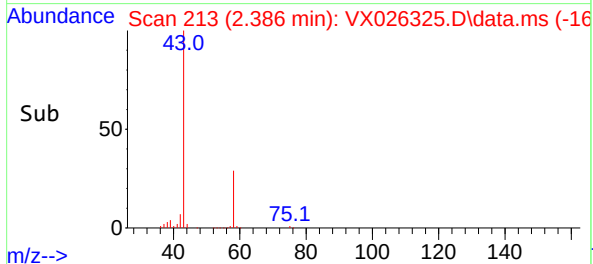
Instrument :
MSVOA_X
ClientSampleId :
WETR-SBDL



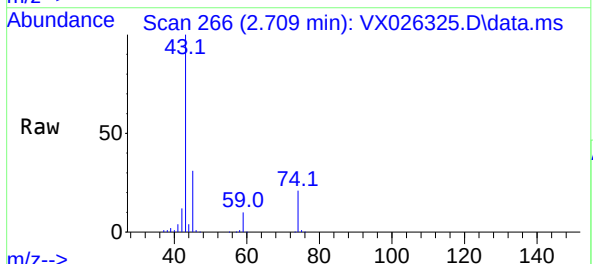
Tgt Ion: 43 Resp: 570918
Ion Ratio Lower Upper
43 100
58 28.3 24.8 37.2

Manual Integrations
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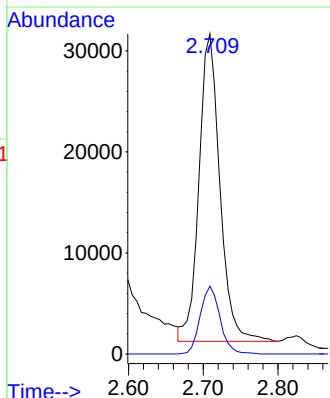
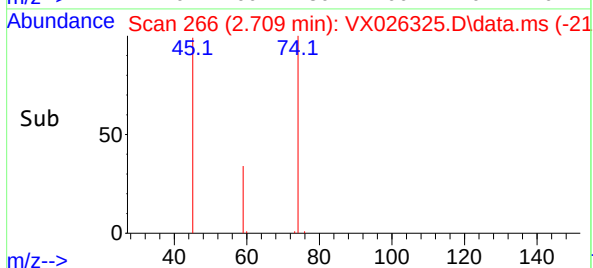
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/07/2022

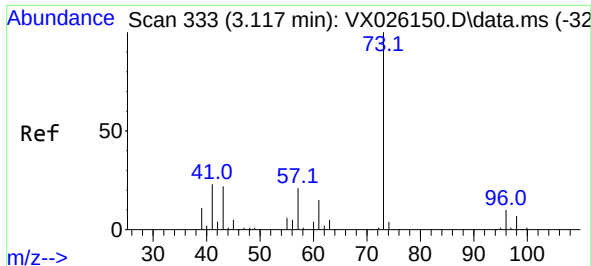


#18
Methyl Acetate
Concen: 17.001 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX026325.D
Acq: 05 Jan 2022 16:23



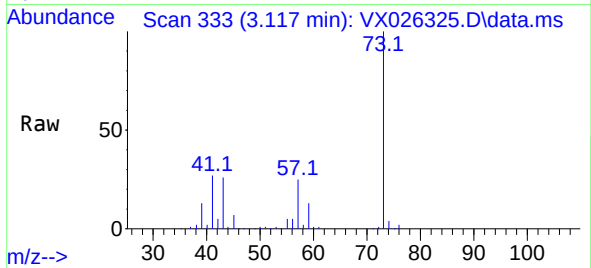
Tgt Ion: 43 Resp: 59103
Ion Ratio Lower Upper
43 100
74 20.8 19.1 28.7





#19
Methyl tert-butyl Ether
Concen: 17.003 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX026325.D
Acq: 05 Jan 2022 16:23

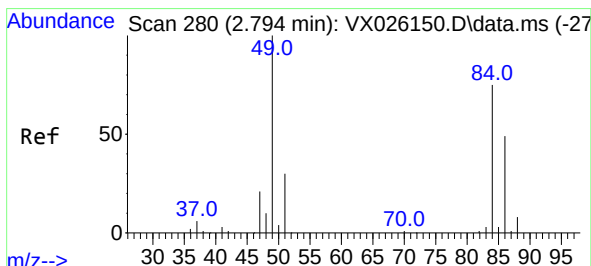
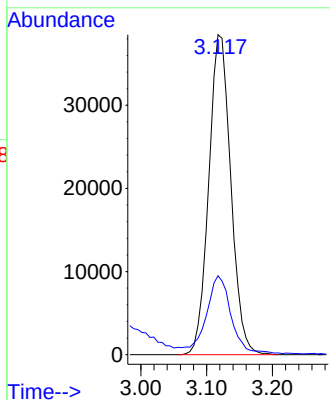
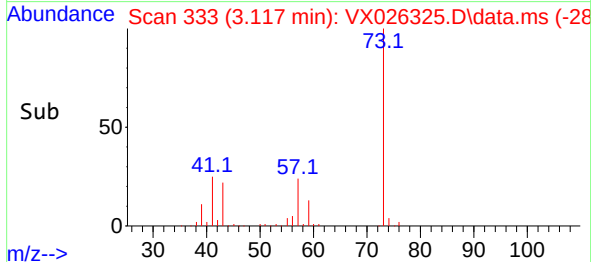
Instrument :
MSVOA_X
ClientSampleId :
WETR-SBDL



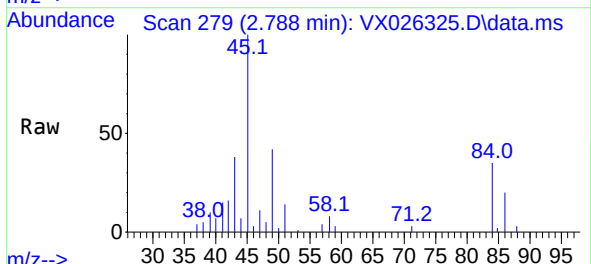
Tgt Ion: 73 Resp: 89920
Ion Ratio Lower Upper
73 100
57 24.1 17.0 25.6

Manual Integrations
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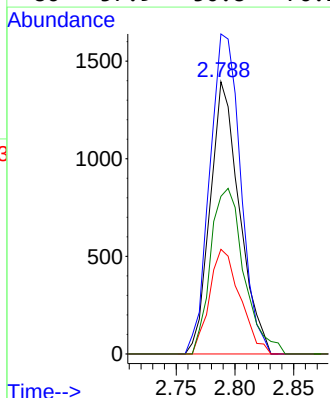
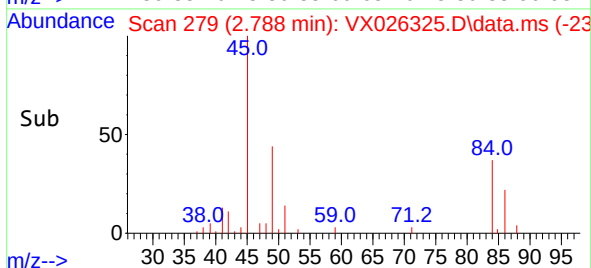
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/07/2022

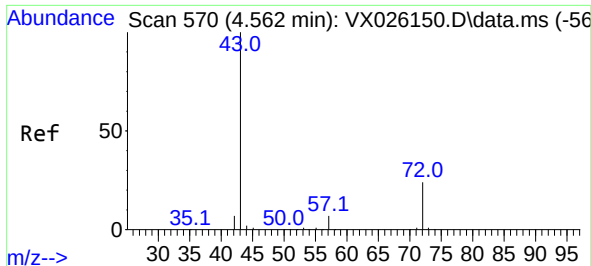


#20
Methylene Chloride
Concen: 0.476 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX026325.D
Acq: 05 Jan 2022 16:23



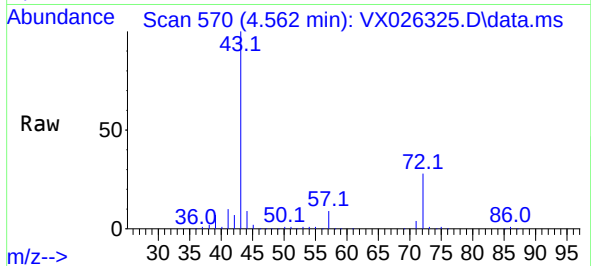
Tgt Ion: 84 Resp: 2420
Ion Ratio Lower Upper
84 100
49 117.6 97.1 145.7
51 38.5 29.3 43.9
86 57.9 50.8 76.2





#25
2-Butanone
Concen: 128.584 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX026325.D
Acq: 05 Jan 2022 16:23

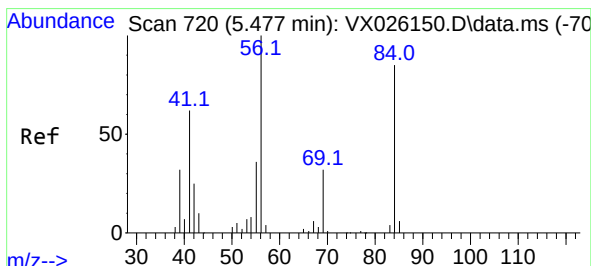
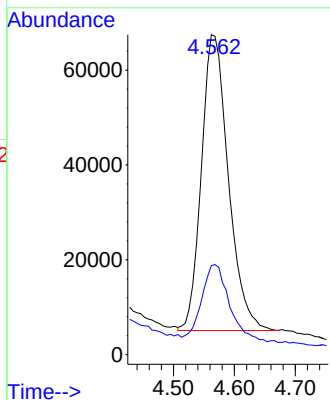
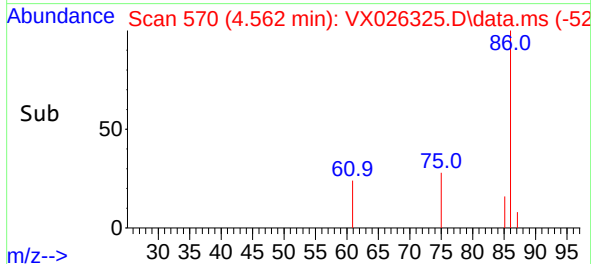
Instrument :
MSVOA_X
ClientSampleId :
WETR-SBDL



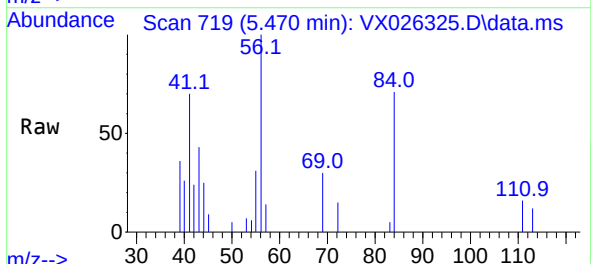
Tgt Ion: 43 Resp: 19197
Ion Ratio Lower Upper
43 100
72 26.0 21.0 31.4

Manual Integrations
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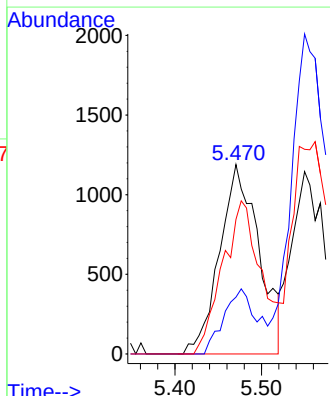
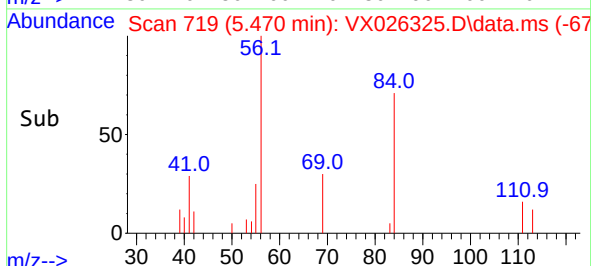
Reviewed By :John Carlone 01/06/2022
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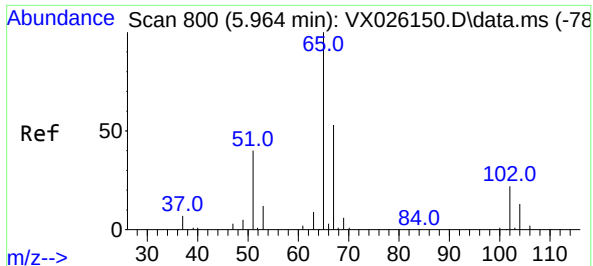


#31
Cyclohexane
Concen: 1.333 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.007 min
Lab File: VX026325.D
Acq: 05 Jan 2022 16:23



Tgt Ion: 56 Resp: 3755
Ion Ratio Lower Upper
56 100
69 30.0 23.9 35.9
84 71.1 73.2 109.8#





#33

1,2-Dichloroethane-d4

Concen: 49.142 ug/l

RT: 5.958 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX026325.D

Acq: 05 Jan 2022 16:23

Instrument :

MSVOA_X

ClientSampleId :

WETR-SBDL

Tgt Ion: 65 Resp: 97209

Ion Ratio Lower Upper

65 100

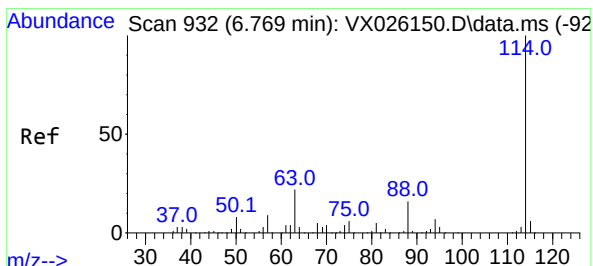
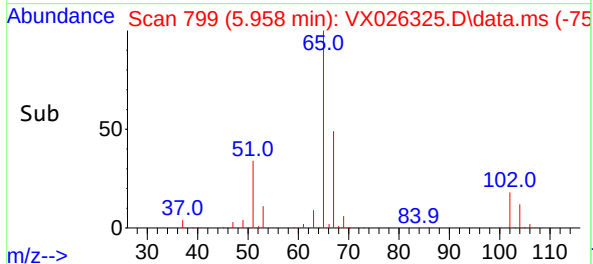
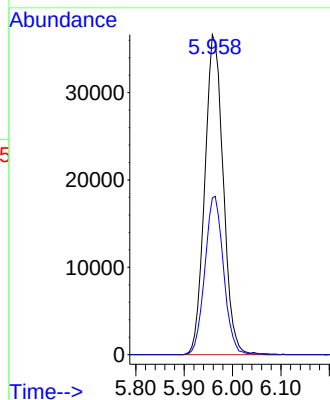
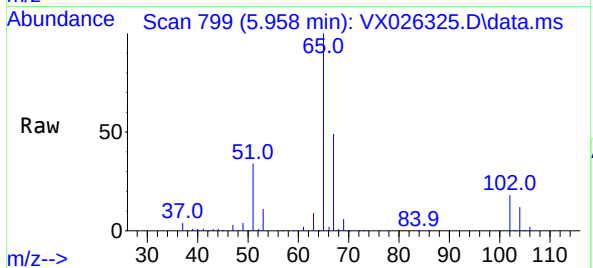
67 50.1 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2022

Supervised By :Mahesh Dadoda 01/07/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX026325.D

Acq: 05 Jan 2022 16:23

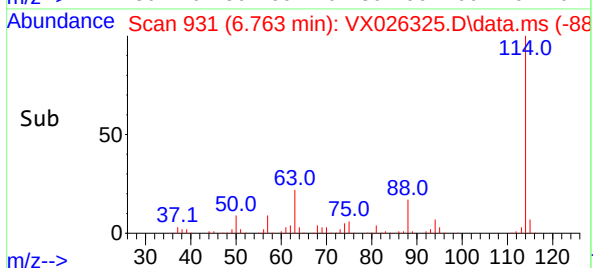
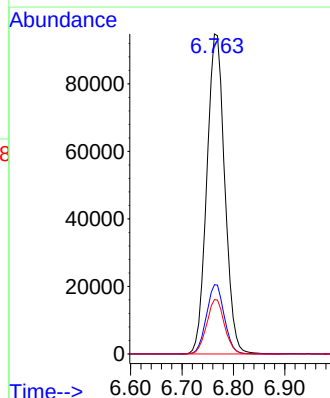
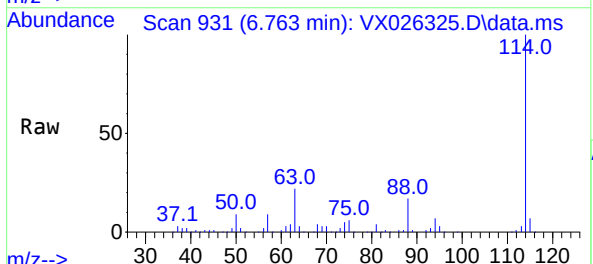
Tgt Ion:114 Resp: 229073

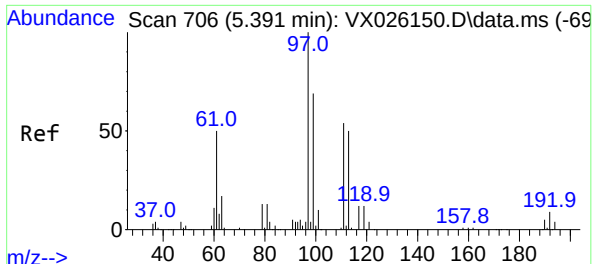
Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.0

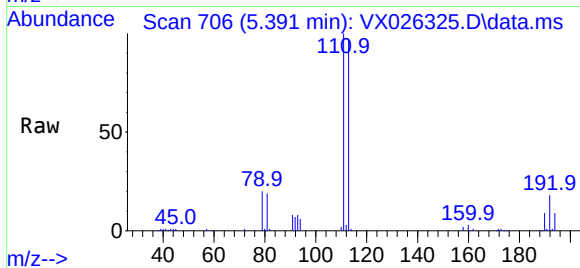
88 17.0 0.0 30.6





#35
Dibromofluoromethane
Concen: 49.341 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026325.D
Acq: 05 Jan 2022 16:23

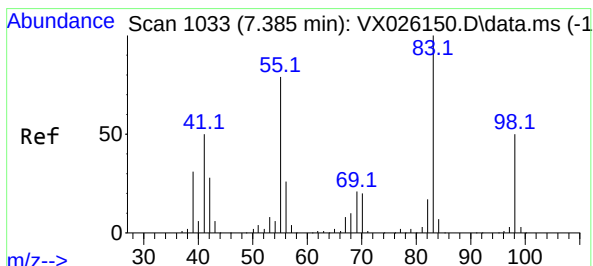
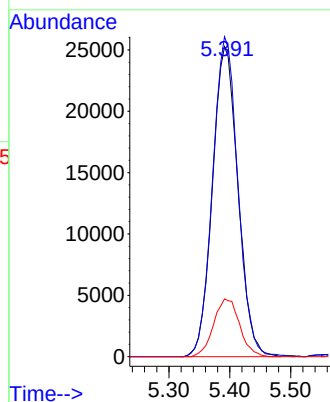
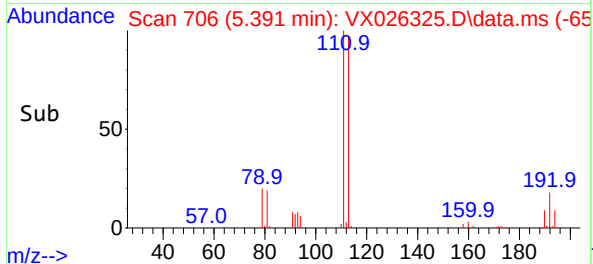
Instrument :
MSVOA_X
ClientSampleId :
WETR-SBDL



Tgt Ion: 113 Resp: 7348
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.8
192 19.0 15.0 22.4

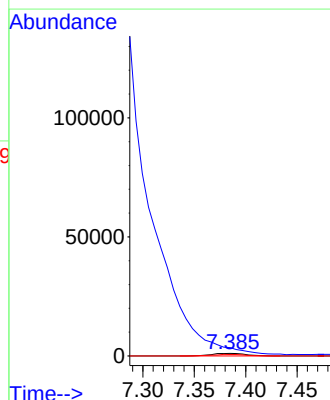
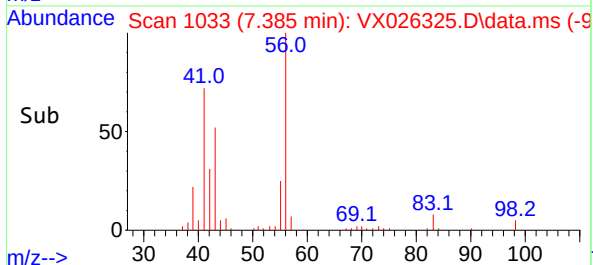
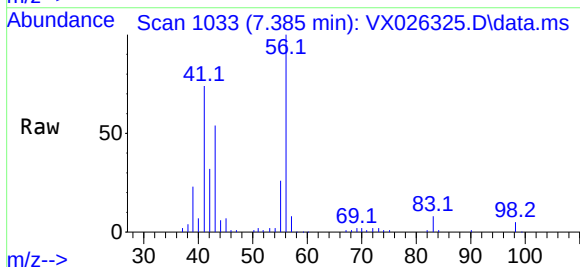
Manual Integrations
APPROVED

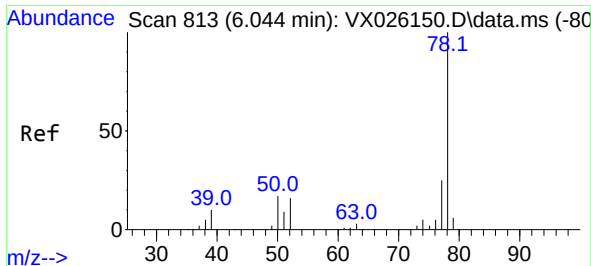
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/07/2022



#39
Methylcyclohexane
Concen: 0.933 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX026325.D
Acq: 05 Jan 2022 16:23

Tgt Ion: 83 Resp: 2527
Ion Ratio Lower Upper
83 100
55 252.1 57.8 86.8#
98 60.6 40.5 60.7





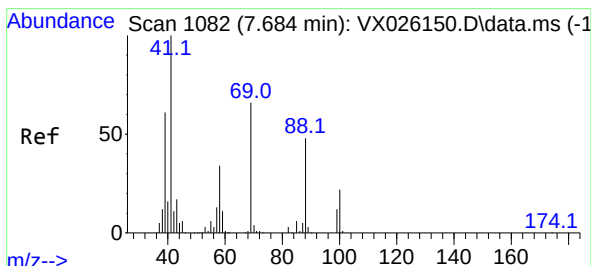
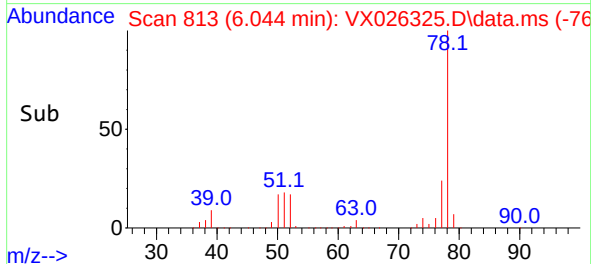
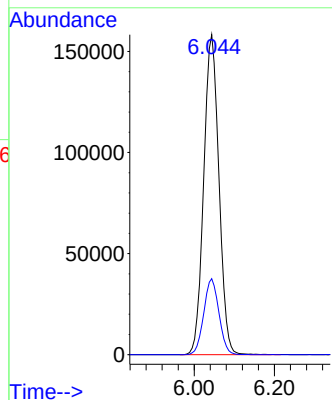
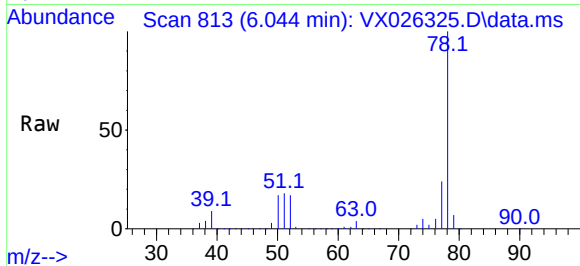
#40
Benzene
Concen: 60.756 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX026325.D
Acq: 05 Jan 2022 16:23

Instrument :
MSVOA_X
ClientSampleId :
WETR-SBDL

Tgt Ion: 78 Resp: 416509
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8

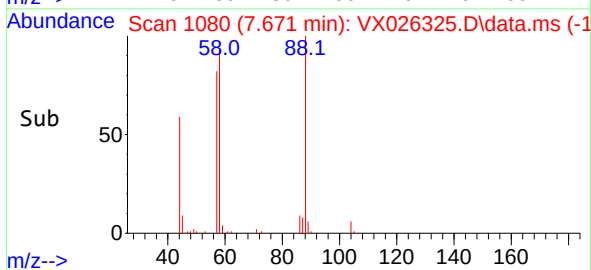
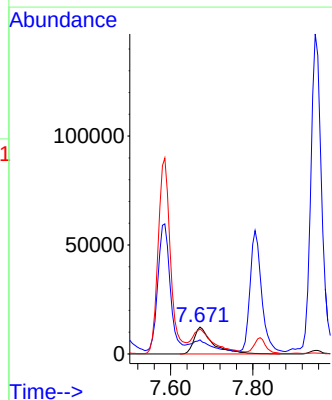
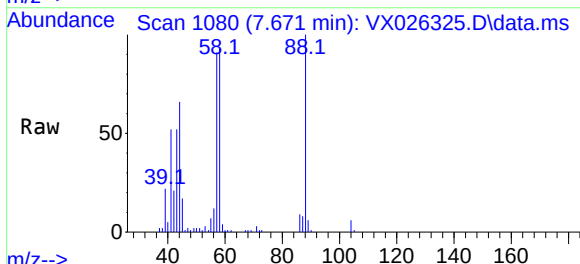
Manual Integrations
APPROVED

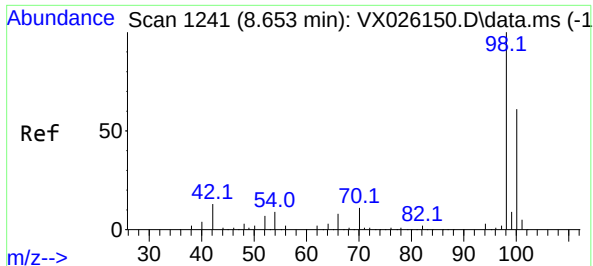
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/07/2022



#49
1,4-Dioxane
Concen: 961.532 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.013 min
Lab File: VX026325.D
Acq: 05 Jan 2022 16:23

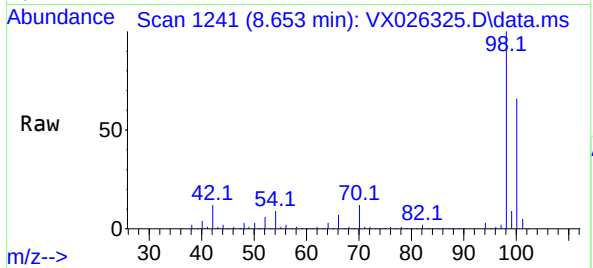
Tgt Ion: 88 Resp: 38575
Ion Ratio Lower Upper
88 100
43 41.8 25.3 37.9#
58 105.7 51.8 77.6#





#50
Toluene-d8
Concen: 48.969 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026325.D
Acq: 05 Jan 2022 16:23

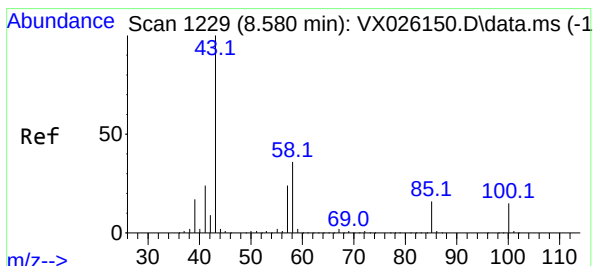
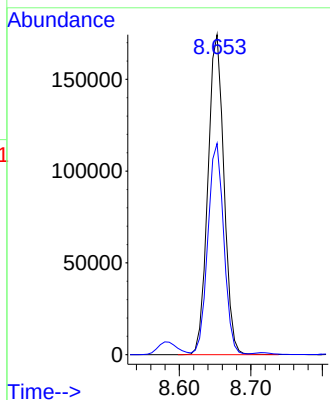
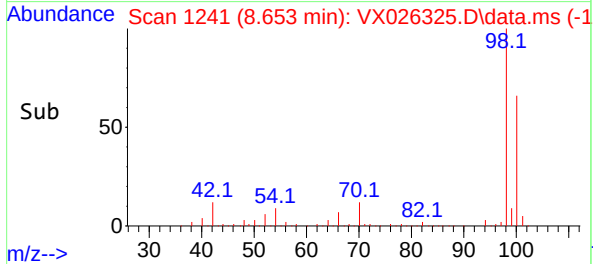
Instrument :
MSVOA_X
ClientSampleId :
WETR-SBDL



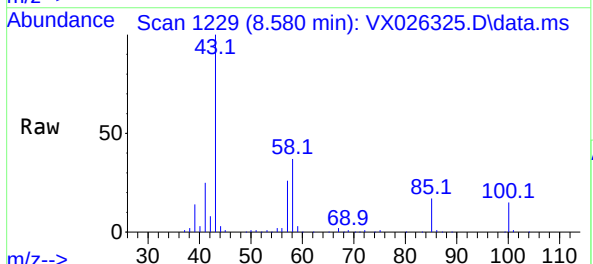
Tgt Ion: 98 Resp: 27126
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8

Manual Integrations
APPROVED

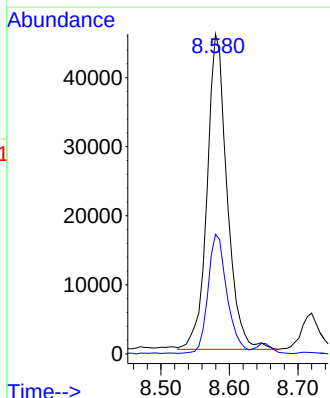
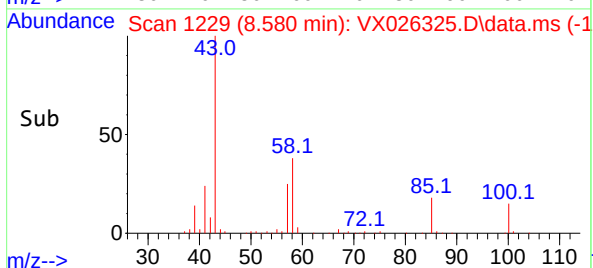
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/07/2022

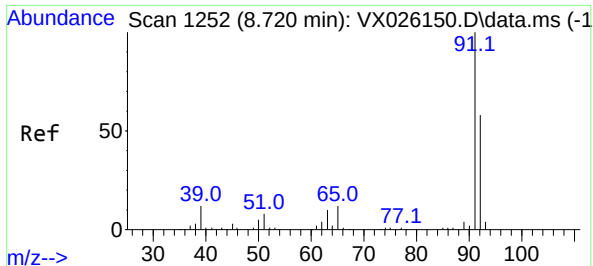


#51
4-Methyl-2-Pentanone
Concen: 32.815 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX026325.D
Acq: 05 Jan 2022 16:23



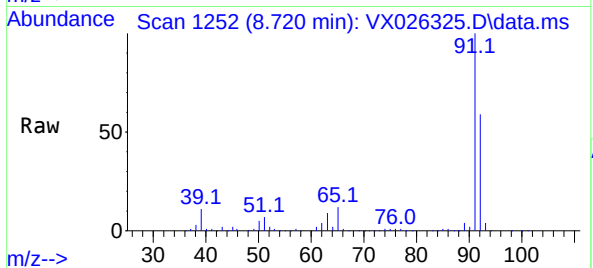
Tgt Ion: 43 Resp: 92695
Ion Ratio Lower Upper
43 100
58 35.8 30.8 46.2





#52
Toluene
Concen: 79.482 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026325.D
Acq: 05 Jan 2022 16:23

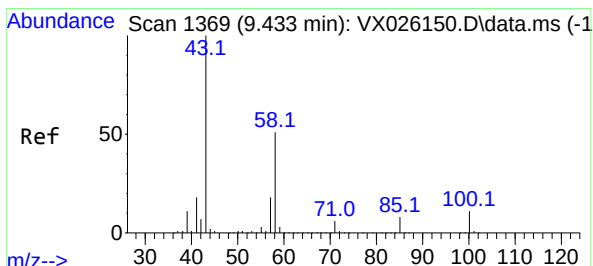
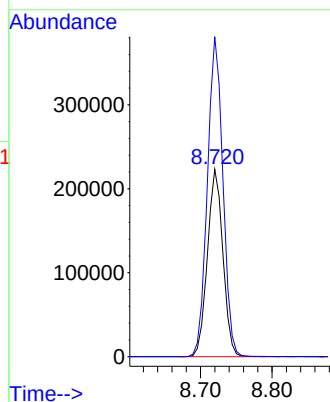
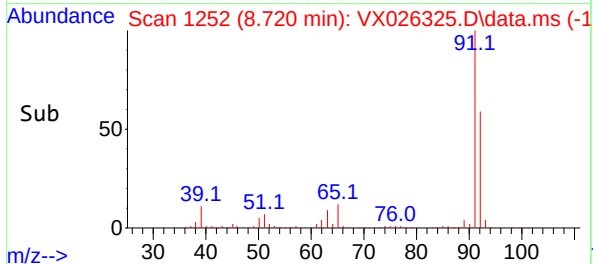
Instrument :
MSVOA_X
ClientSampleId :
WETR-SBDL



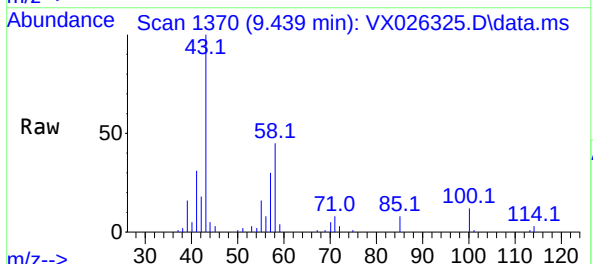
Tgt Ion: 92 Resp: 335444
Ion Ratio Lower Upper
92 100
91 171.3 136.0 204.0

Manual Integrations
APPROVED

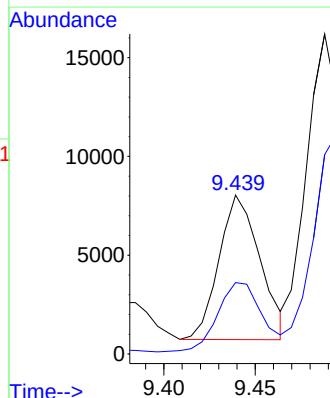
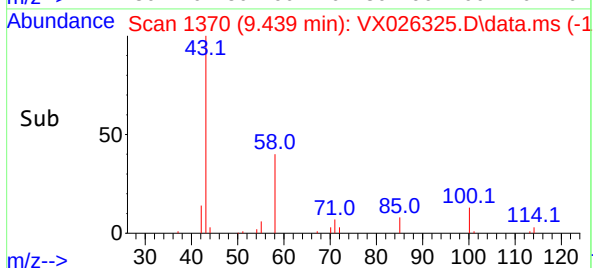
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/07/2022

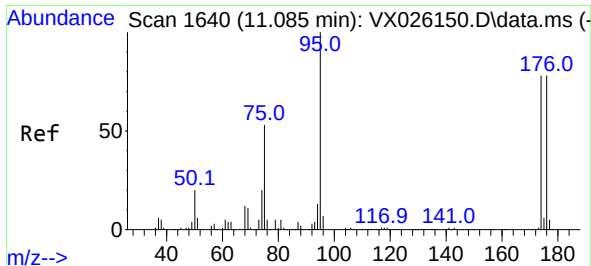


#59
2-Hexanone
Concen: 5.342 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX026325.D
Acq: 05 Jan 2022 16:23



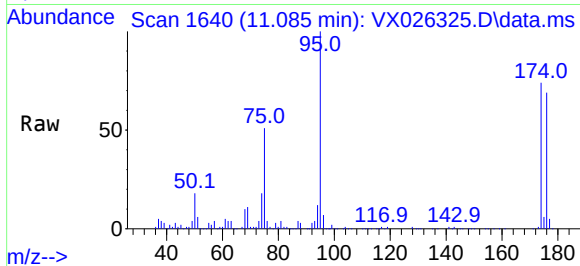
Tgt Ion: 43 Resp: 11430
Ion Ratio Lower Upper
43 100
58 51.8 26.9 80.6





#62
4-Bromofluorobenzene
Concen: 54.895 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX026325.D
Acq: 05 Jan 2022 16:23

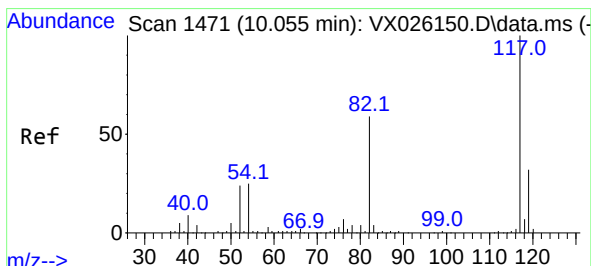
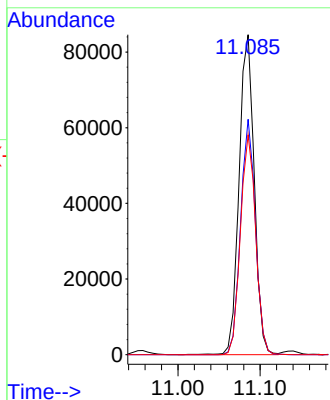
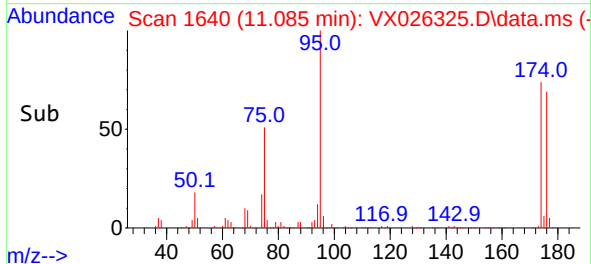
Instrument :
MSVOA_X
ClientSampleId :
WETR-SBDL



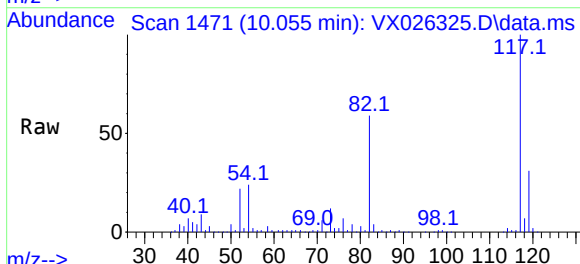
Tgt Ion: 95 Resp: 108254
Ion Ratio Lower Upper
95 100
174 71.7 0.0 157.4
176 68.8 0.0 154.6

Manual Integrations
APPROVED

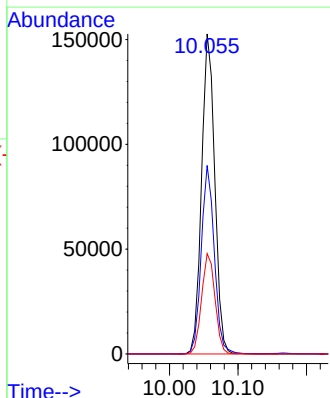
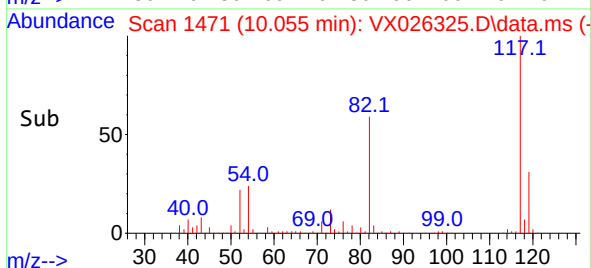
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/07/2022

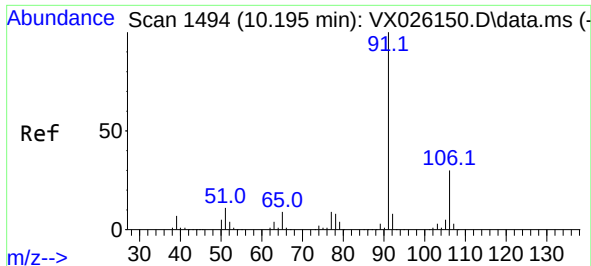


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026325.D
Acq: 05 Jan 2022 16:23



Tgt Ion:117 Resp: 204043
Ion Ratio Lower Upper
117 100
82 58.9 43.8 65.6
119 31.4 25.2 37.8





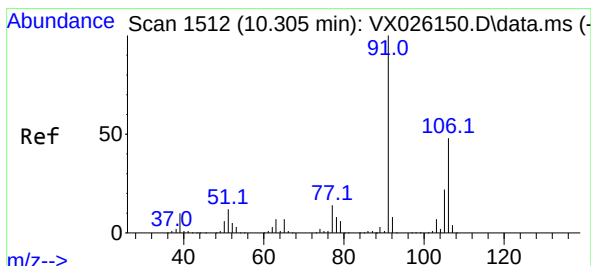
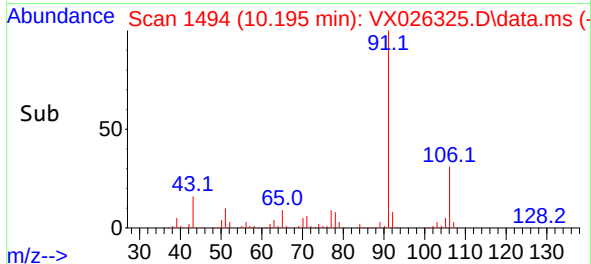
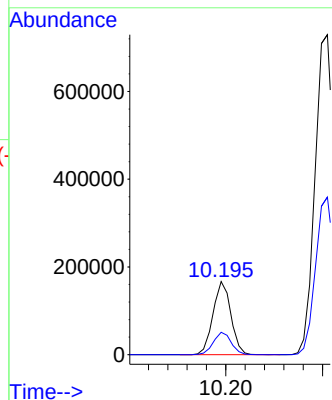
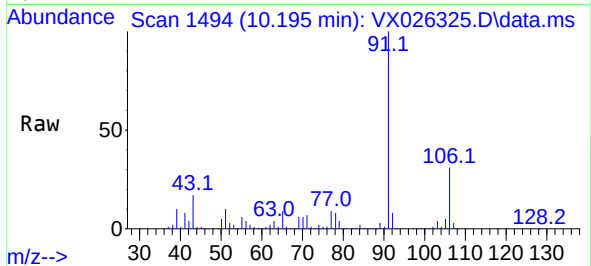
#67
Ethyl Benzene
Concen: 26.711 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026325.D
Acq: 05 Jan 2022 16:23

Instrument :
MSVOA_X
ClientSampleId :
WETR-SBDL

Tgt Ion: 91 Resp: 21408
Ion Ratio Lower Upper
91 100
106 30.7 25.7 38.5

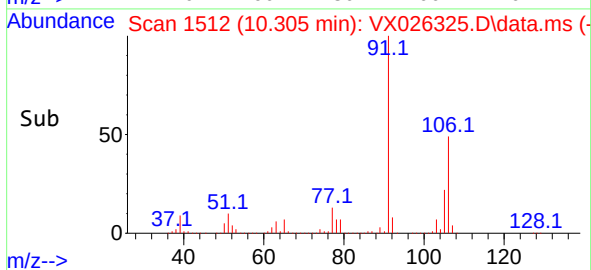
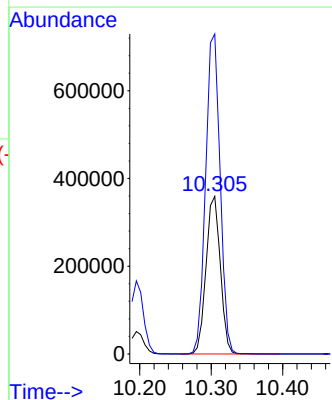
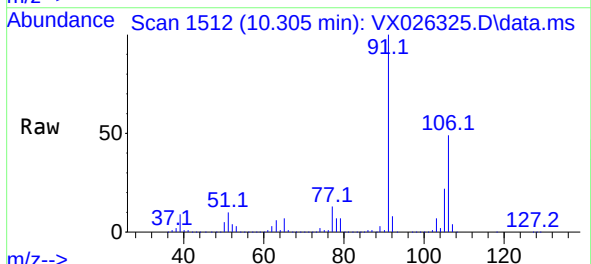
Manual Integrations
APPROVED

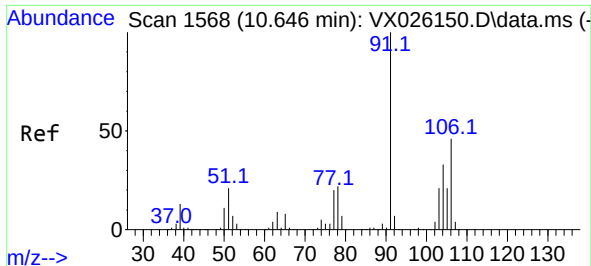
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/07/2022



#68
m/p-Xylenes
Concen: 166.757 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX026325.D
Acq: 05 Jan 2022 16:23

Tgt Ion:106 Resp: 499024
Ion Ratio Lower Upper
106 100
91 205.9 158.6 238.0





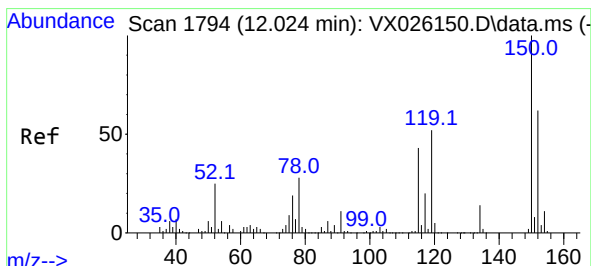
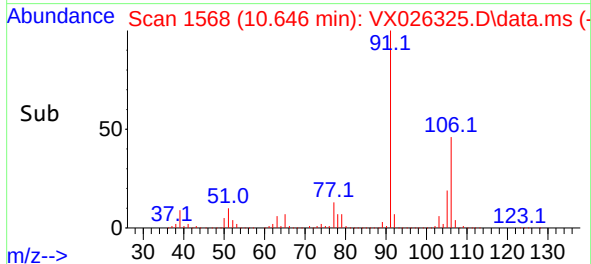
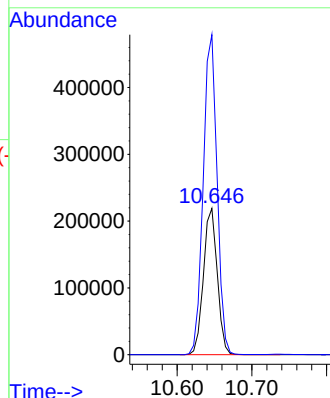
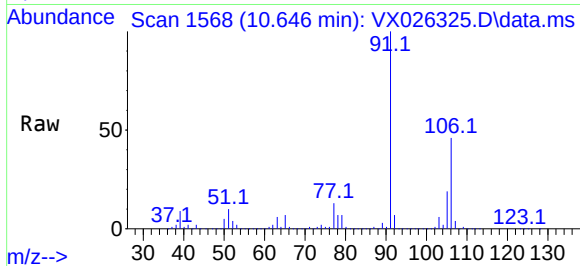
#69
o-Xylene
Concen: 96.014 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026325.D
Acq: 05 Jan 2022 16:23

Instrument :
MSVOA_X
ClientSampleId :
WETR-SBDL

Tgt Ion:106 Resp: 281129
Ion Ratio Lower Upper
106 100
91 219.0 105.5 316.4

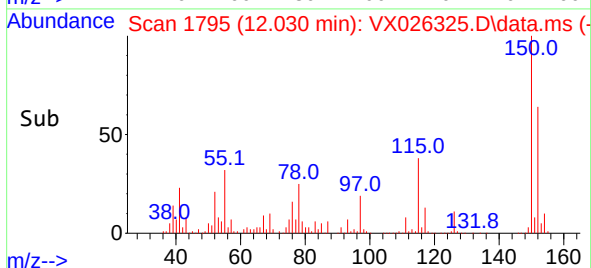
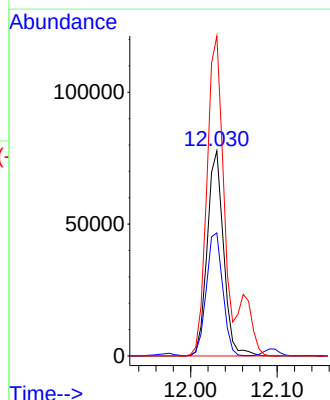
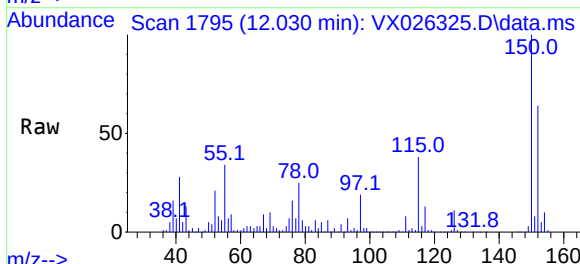
Manual Integrations
APPROVED

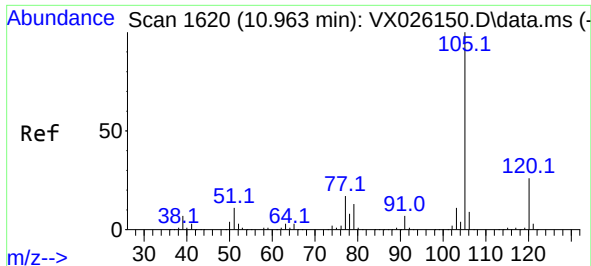
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/07/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.030 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VX026325.D
Acq: 05 Jan 2022 16:23

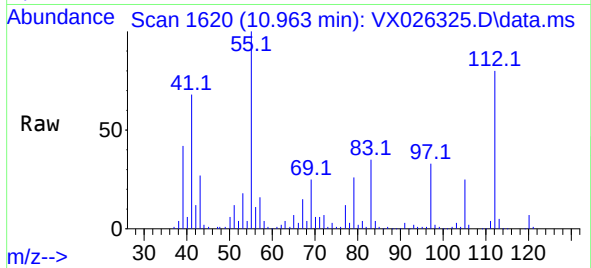
Tgt Ion:152 Resp: 102038
Ion Ratio Lower Upper
152 100
115 60.4 41.3 123.9
150 162.5 0.0 351.8





#73
Isopropylbenzene
Concen: 1.981 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX026325.D
Acq: 05 Jan 2022 16:23

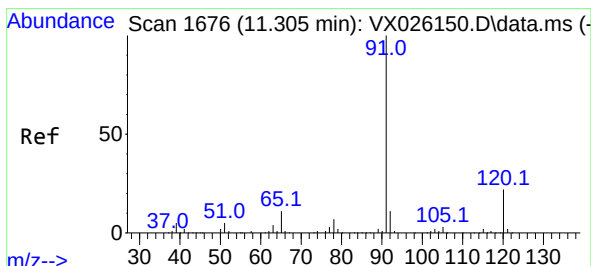
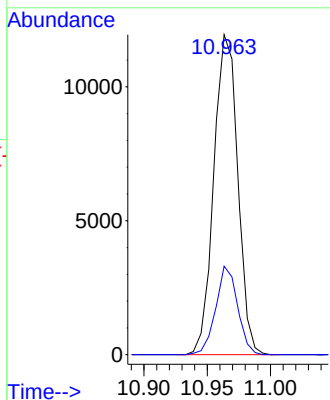
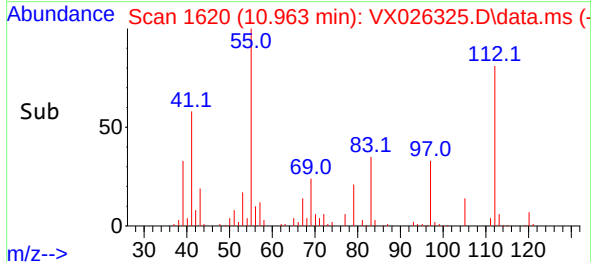
Instrument :
MSVOA_X
ClientSampleId :
WETR-SBDL



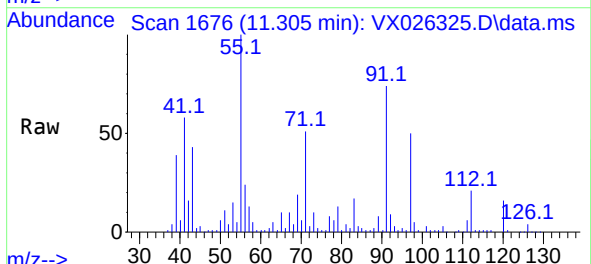
Tgt Ion:105 Resp: 15709
Ion Ratio Lower Upper
105 100
120 25.2 13.6 40.7

Manual Integrations
APPROVED

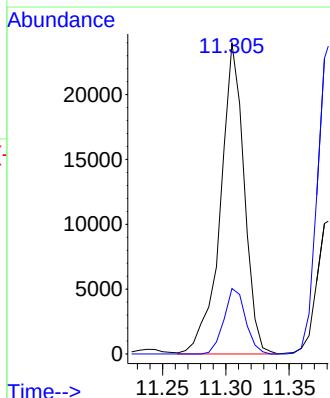
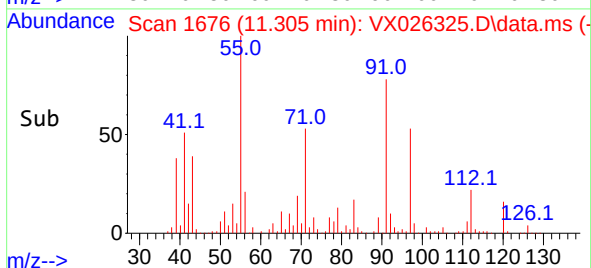
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/07/2022

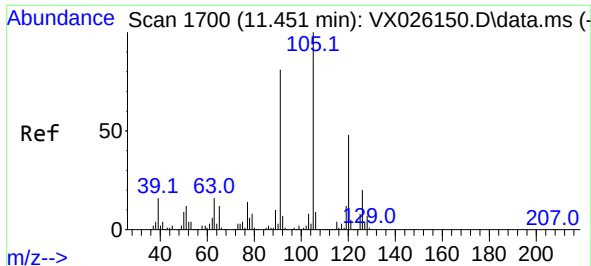


#78
n-propylbenzene
Concen: 3.431 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX026325.D
Acq: 05 Jan 2022 16:23



Tgt Ion: 91 Resp: 31290
Ion Ratio Lower Upper
91 100
120 19.1 12.0 36.1





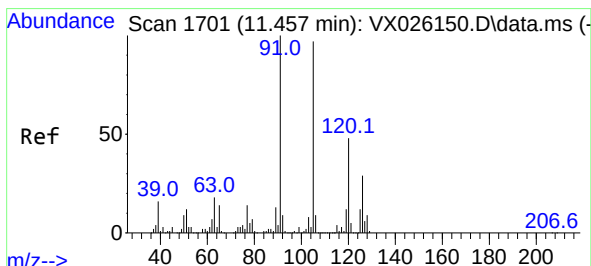
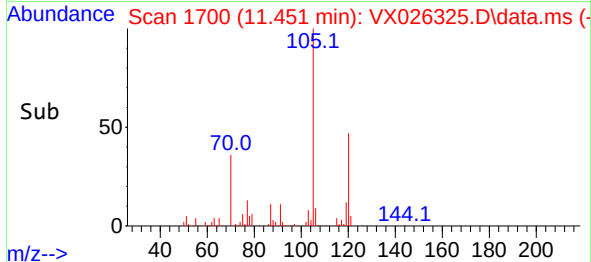
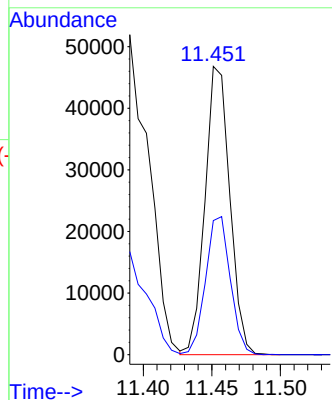
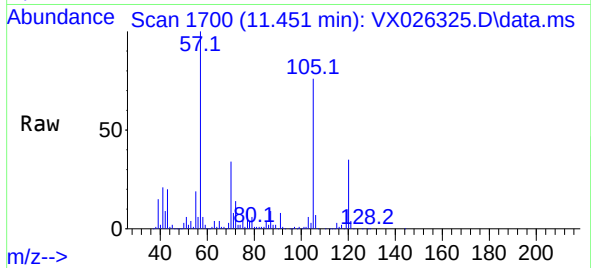
#80
1,3,5-Trimethylbenzene
Concen: 8.960 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX026325.D
Acq: 05 Jan 2022 16:23

Instrument :
MSVOA_X
ClientSampleId :
WETR-SBDL

Tgt Ion:105 Resp: 58970
Ion Ratio Lower Upper
105 100
120 47.7 24.9 74.7

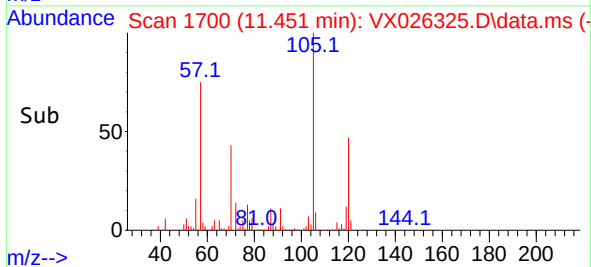
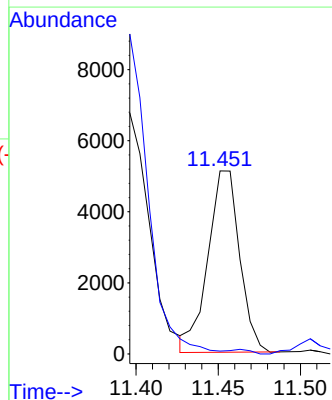
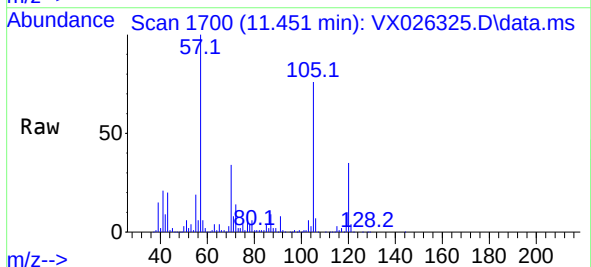
Manual Integrations
APPROVED

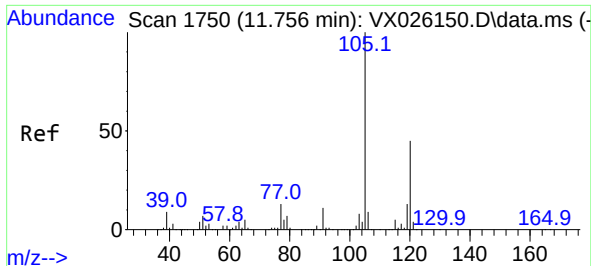
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/07/2022



#82
4-Chlorotoluene
Concen: 1.080 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX026325.D
Acq: 05 Jan 2022 16:23

Tgt Ion: 91 Resp: 6846
Ion Ratio Lower Upper
91 100
126 0.0 15.6 46.7#





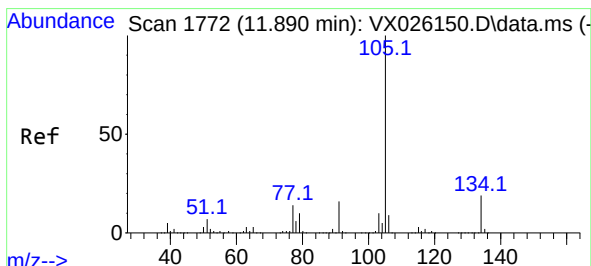
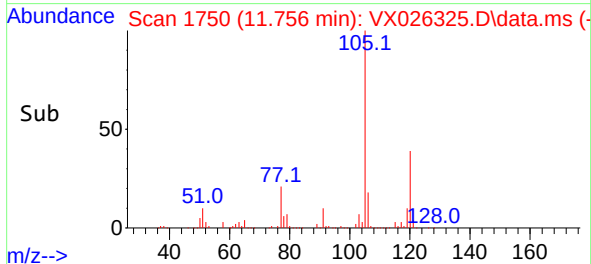
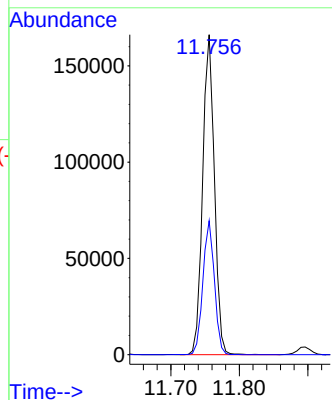
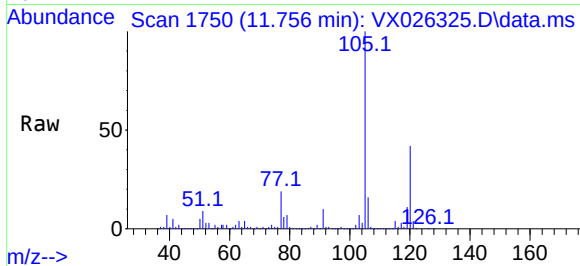
#84
1,2,4-Trimethylbenzene
Concen: 30.157 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX026325.D
Acq: 05 Jan 2022 16:23

Instrument :
MSVOA_X
ClientSampleId :
WETR-SBDL

Tgt Ion:105 Resp: 19833
Ion Ratio Lower Upper
105 100
120 41.1 22.9 68.7

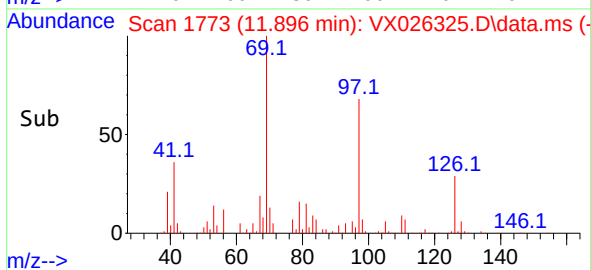
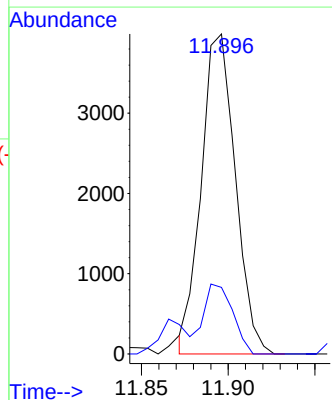
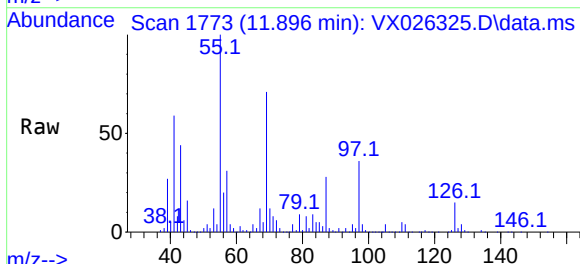
Manual Integrations
APPROVED

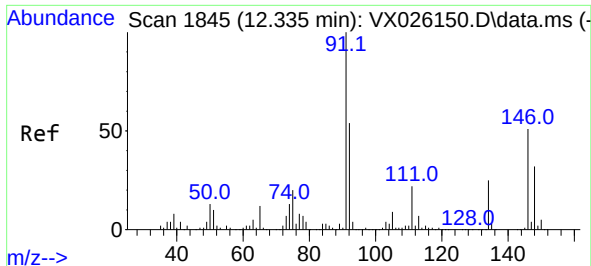
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/07/2022



#85
sec-Butylbenzene
Concen: 0.684 ug/l m
RT: 11.896 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VX026325.D
Acq: 05 Jan 2022 16:23

Tgt Ion:105 Resp: 5457
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#





#89

n-Butylbenzene

Concen: 2.293 ug/l

RT: 12.323 min Scan# 11

Delta R.T. -0.012 min

Lab File: VX026325.D

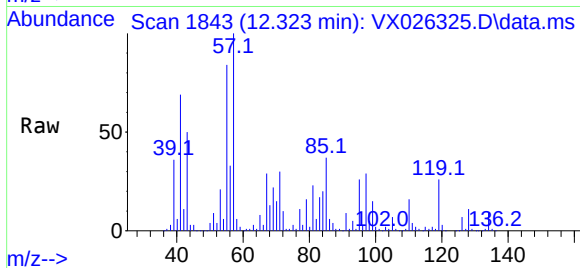
Acq: 05 Jan 2022 16:23

Instrument :

MSVOA_X

ClientSampleId :

WETR-SBDL



Tgt Ion:	91	Resp:	1354
Ion	Ratio	Lower	Upper
91	100		
92	23.4	27.3	81.8
134	73.8	13.5	40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2022

Supervised By :Mahesh Dadoda 01/07/2022

