

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060822\
 Data File : VX029327.D
 Acq On : 08 Jun 2022 17:33
 Operator : JC/MD
 Sample : N3209-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-14B-4-GR

Quant Time: Jun 09 07:01:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 03:00:38 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/09/2022
 Supervised By : Mahesh Dadoda 06/09/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	287981	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	485690	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	429121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	190404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	248078	56.831	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 113.660%			
35) Dibromofluoromethane	5.391	113	200874	48.649	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.300%			
50) Toluene-d8	8.653	98	777454	53.238	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.480%			
62) 4-Bromofluorobenzene	11.085	95	297699	52.093	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.180%			
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	66959	28.742	ug/l	96
20) Methylene Chloride	2.788	84	13925	2.677	ug/l	93
25) 2-Butanone	4.574	43	26629	7.226	ug/l	96
39) Methylcyclohexane	7.379	83	13278m	1.580	ug/l	
43) Isopropyl Acetate	6.342	43	28429	2.688	ug/l	96
73) Isopropylbenzene	10.963	105	102040	6.807	ug/l	98
78) n-propylbenzene	11.305	91	79927	4.699	ug/l	97
83) tert-Butylbenzene	11.713	119	15156	1.227	ug/l	78
85) sec-Butylbenzene	11.890	105	61130	4.031	ug/l	82
89) n-Butylbenzene	12.335	91	15501	1.446	ug/l	98

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

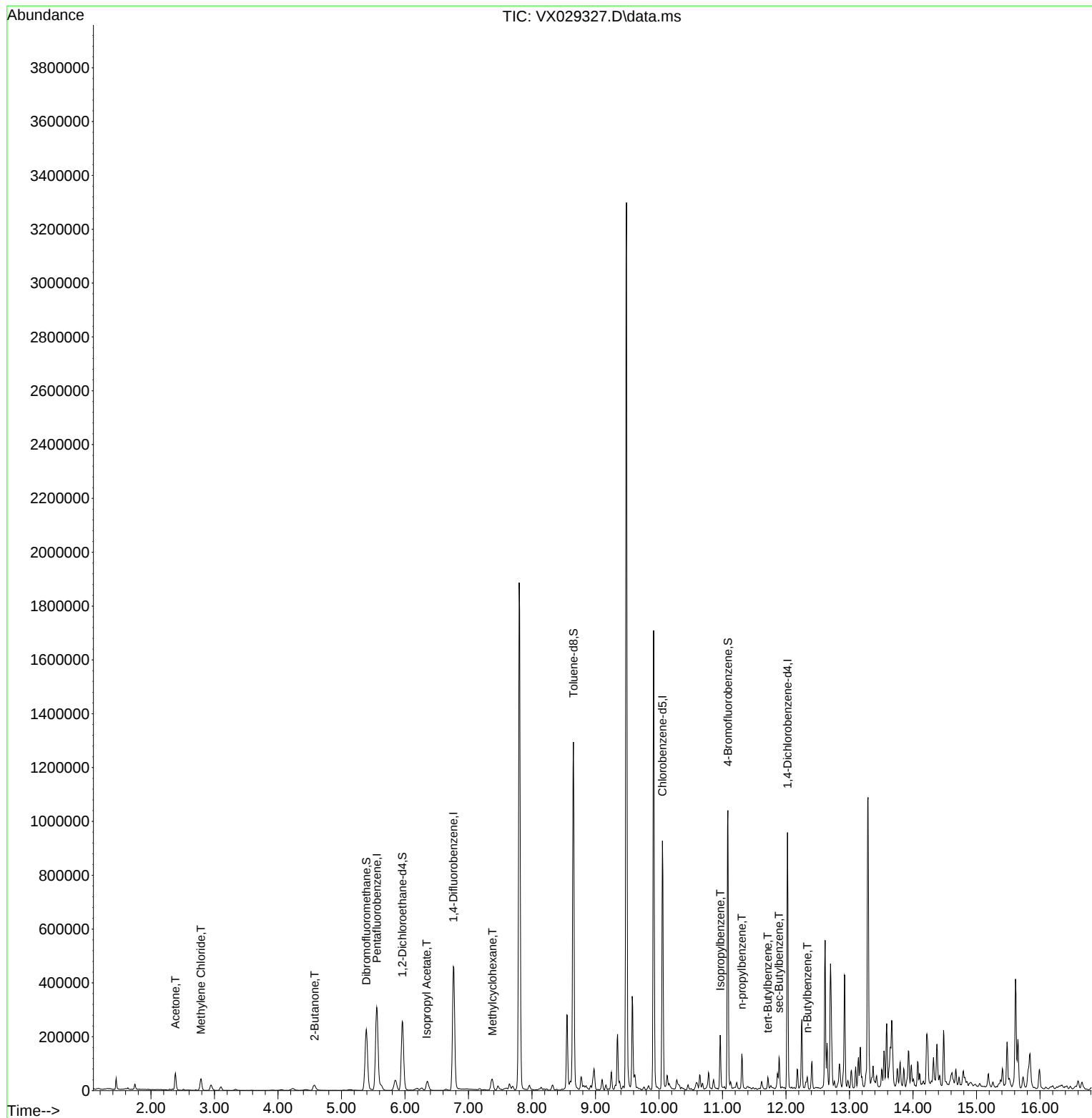
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060822\
Data File : VX029327.D
Acq On : 08 Jun 2022 17:33
Operator : JC/MD
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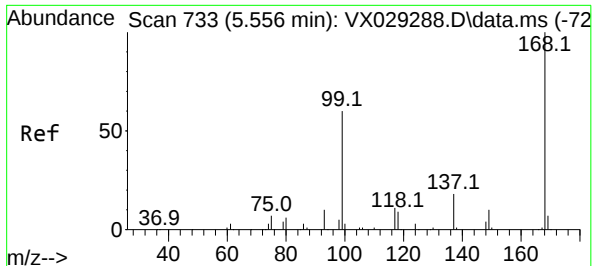
Instrument :
MSVOA_X
ClientSampleId :
WC-14B-4-GR

Quant Time: Jun 09 07:01:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 08 03:00:38 2022
Response via : Initial Calibration

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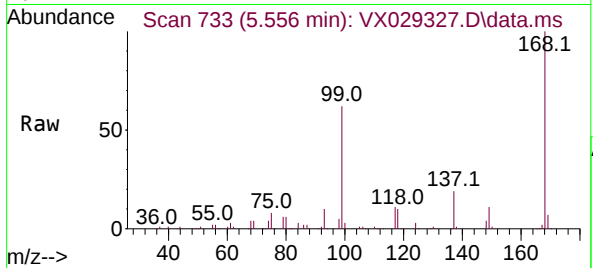
Reviewed By : John Carlone 06/09/2022
Supervised By : Mahesh Dadoda 06/09/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX029327.D
Acq: 08 Jun 2022 17:33

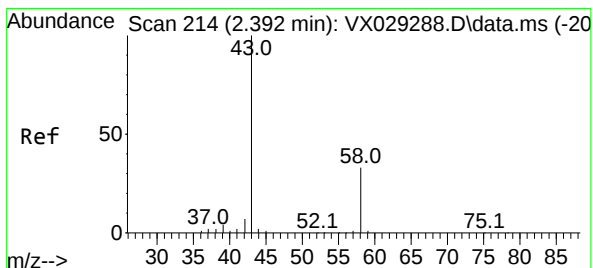
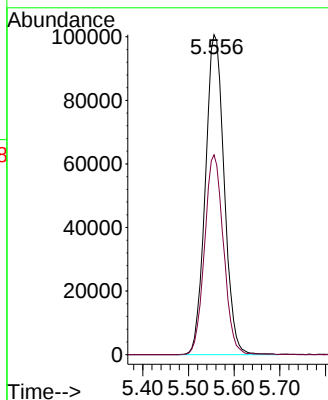
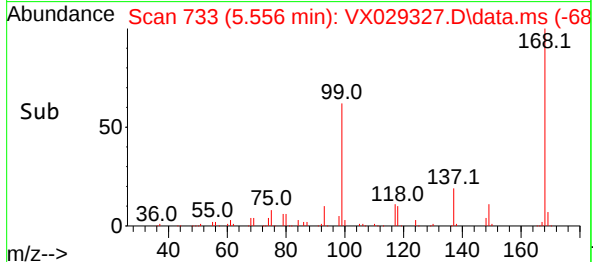
Instrument :
MSVOA_X
ClientSampleId :
WC-14B-4-GR



Tgt Ion:168 Resp: 28798
Ion Ratio Lower Upper
168 100
99 62.4 41.7 62.5

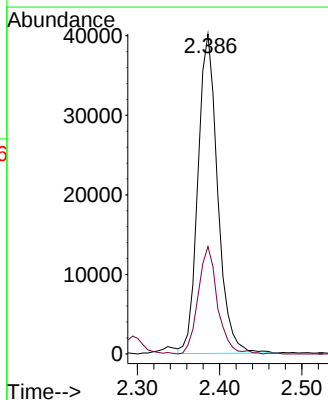
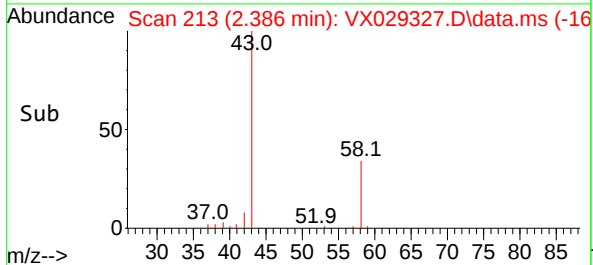
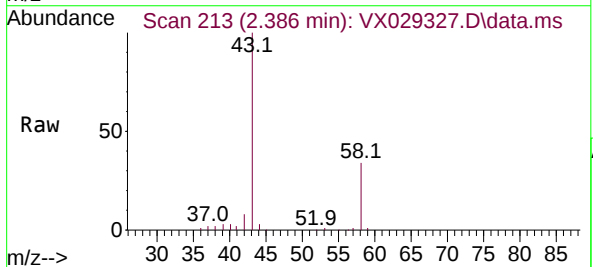
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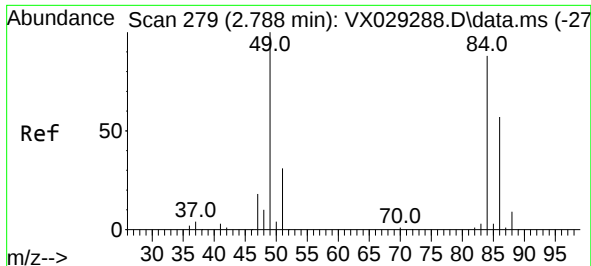
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#16
Acetone
Concen: 28.742 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX029327.D
Acq: 08 Jun 2022 17:33

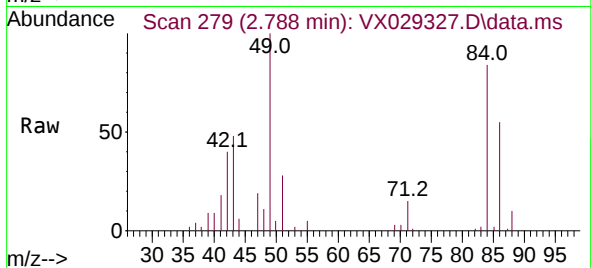
Tgt Ion: 43 Resp: 66959
Ion Ratio Lower Upper
43 100
58 33.6 28.8 43.2





#20
Methylene Chloride
Concen: 2.677 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029327.D
Acq: 08 Jun 2022 17:33

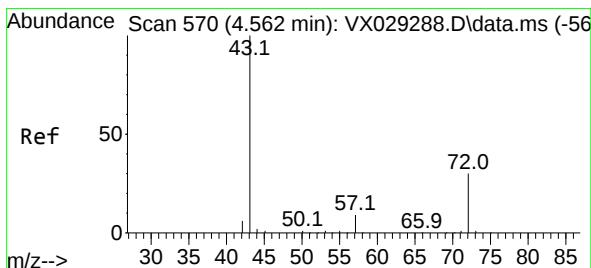
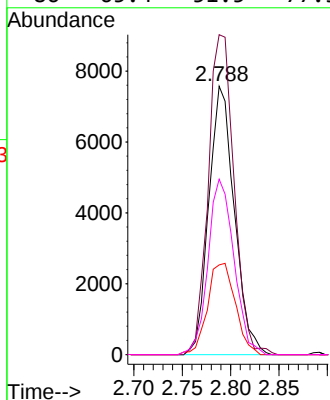
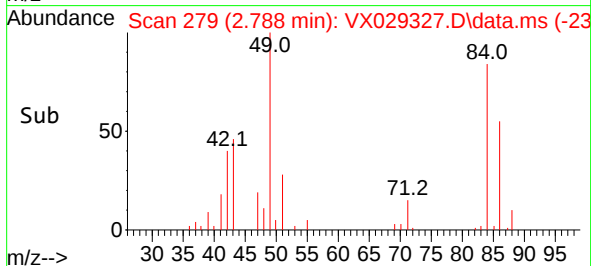
Instrument :
MSVOA_X
ClientSampleId :
WC-14B-4-GR



Tgt Ion: 84	Resp: 13925
Ion Ratio	Lower Upper
84 100	
49 119.2	85.5 128.3
51 33.4	26.6 39.8
86 65.4	51.5 77.3

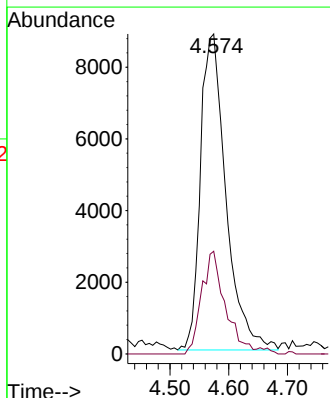
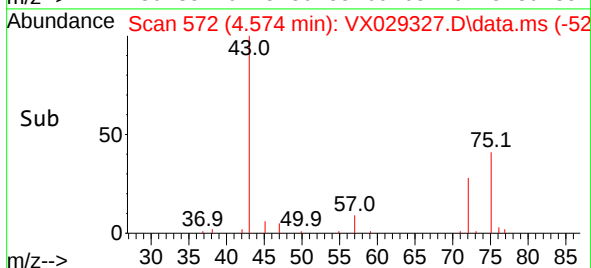
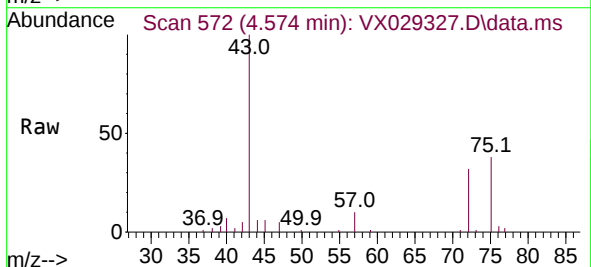
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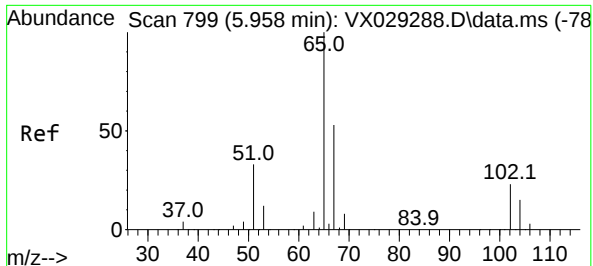
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#25
2-Butanone
Concen: 7.226 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX029327.D
Acq: 08 Jun 2022 17:33

Tgt Ion: 43	Resp: 26629
Ion Ratio	Lower Upper
43 100	
72 32.5	24.4 36.6





#33

1,2-Dichloroethane-d4

Concen: 56.831 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029327.D

Acq: 08 Jun 2022 17:33

Instrument :

MSVOA_X

ClientSampleId :

WC-14B-4-GR

Tgt Ion: 65 Resp: 248078

Ion Ratio Lower Upper

65 100

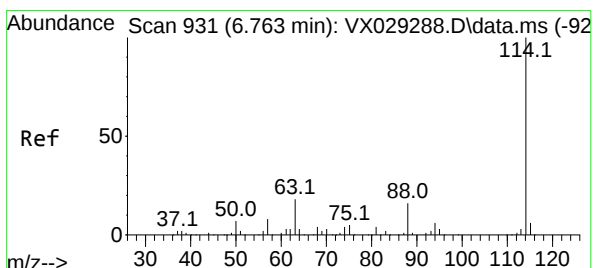
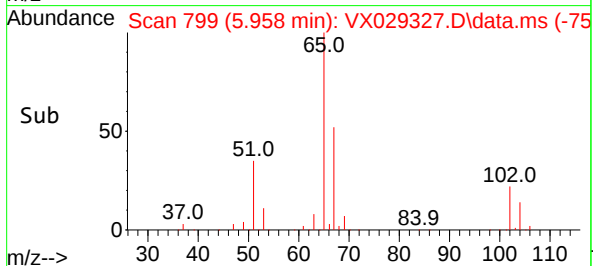
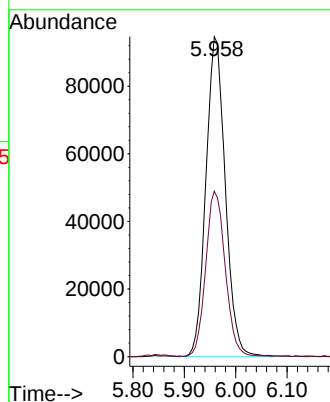
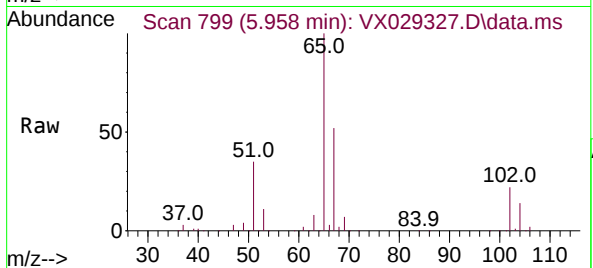
67 51.9 0.0 107.4

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Reviewed By :John Carlone 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029327.D

Acq: 08 Jun 2022 17:33

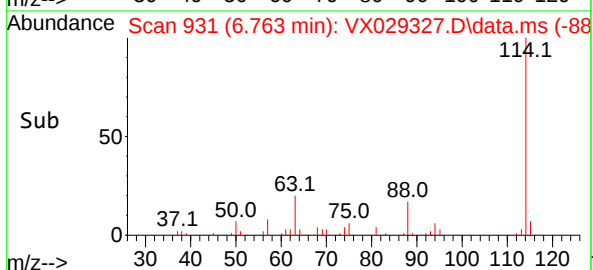
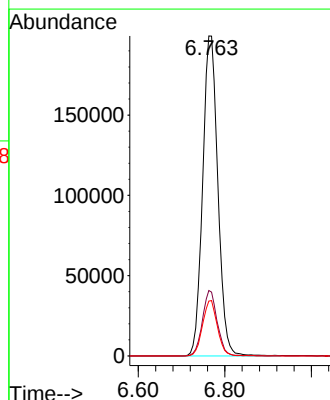
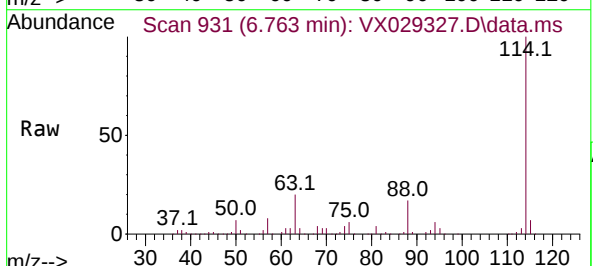
Tgt Ion:114 Resp: 485690

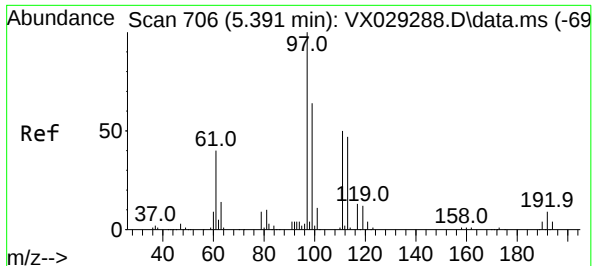
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.8

88 17.1 0.0 32.4





#35

Dibromofluoromethane

Concen: 48.649 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX029327.D

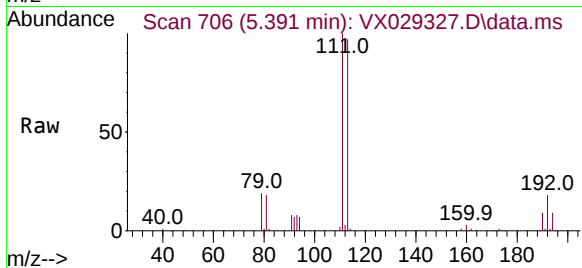
Acq: 08 Jun 2022 17:33

Instrument :

MSVOA_X

ClientSampleId :

WC-14B-4-GR



Tgt Ion: 113 Resp: 200874

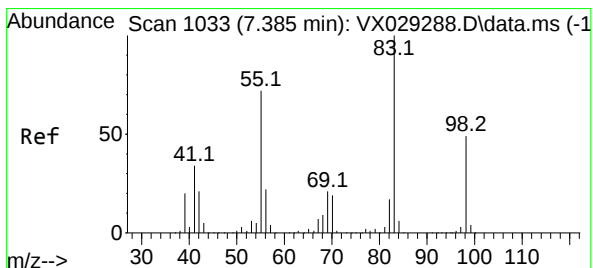
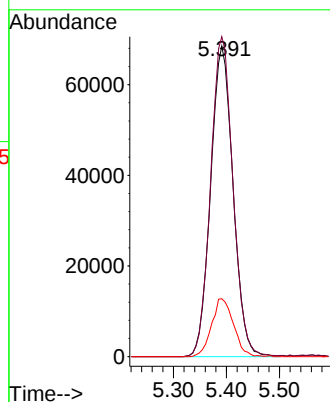
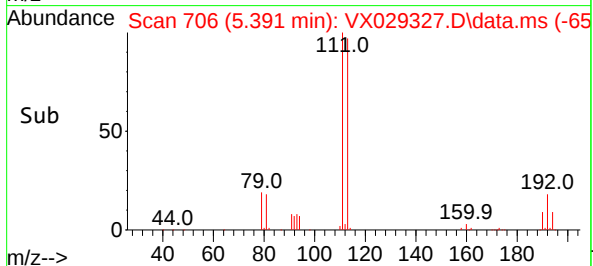
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.8	124.2
192	18.2	16.9	25.3

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Supervised By :Mahesh Dadoda 06/09/2022



#39

Methylcyclohexane

Concen: 1.580 ug/l m

RT: 7.379 min Scan# 1032

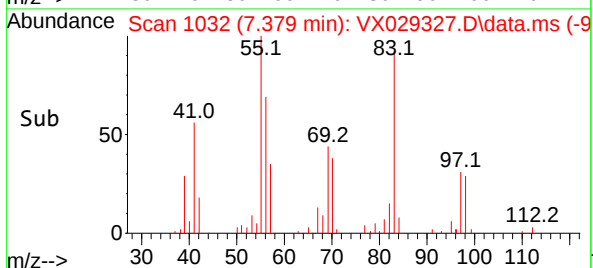
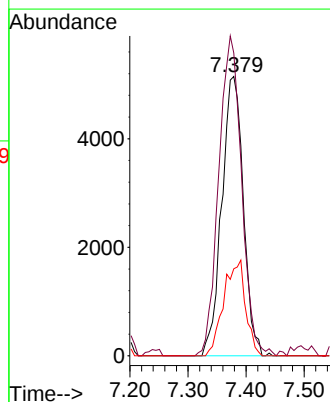
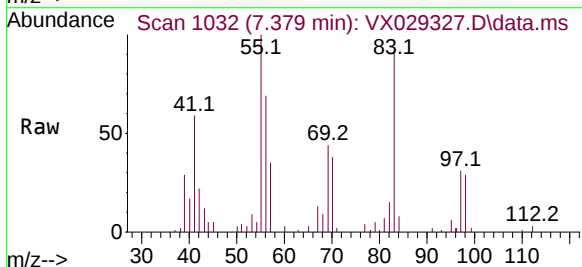
Delta R.T. -0.006 min

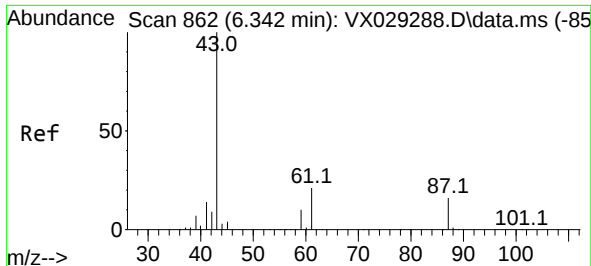
Lab File: VX029327.D

Acq: 08 Jun 2022 17:33

Tgt Ion: 83 Resp: 13278

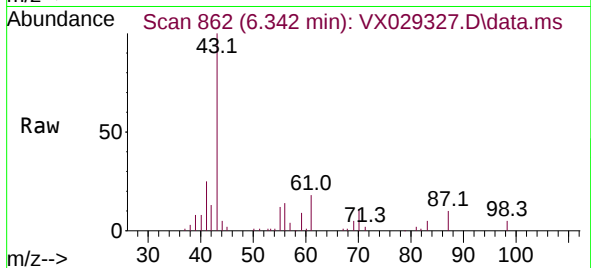
Ion	Ratio	Lower	Upper
83	100		
55	108.4	54.6	81.8#
98	31.2	37.4	56.2#





#43
Isopropyl Acetate
Concen: 2.688 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX029327.D
Acq: 08 Jun 2022 17:33

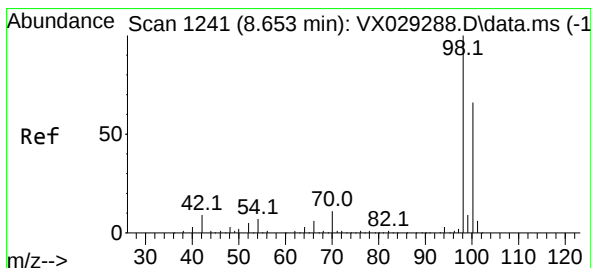
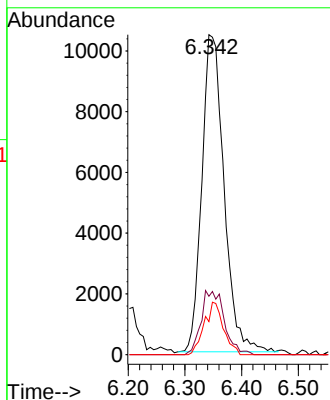
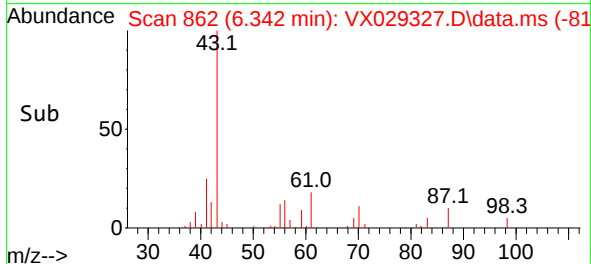
Instrument :
MSVOA_X
Client Sample Id :
WC-14B-4-GR



Tgt Ion: 43 Resp: 28429
Ion Ratio Lower Upper
43 100
61 21.0 18.5 27.7
87 14.2 13.0 19.6

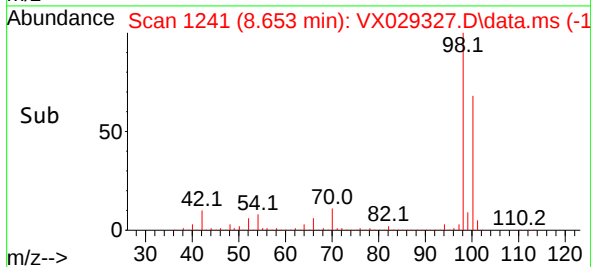
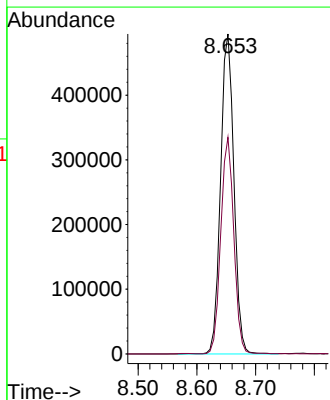
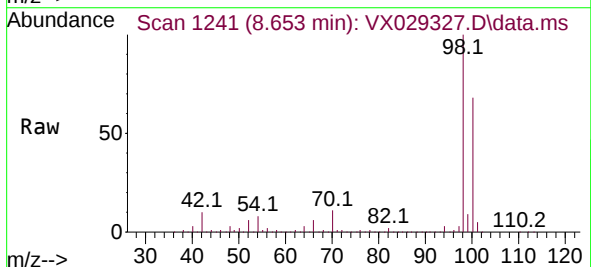
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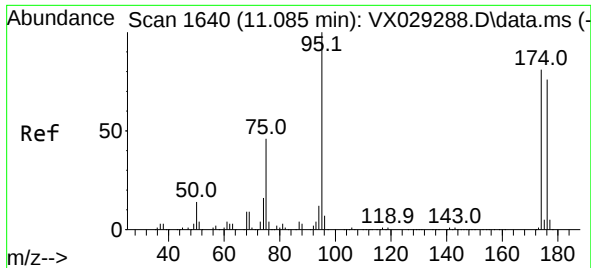
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#50
Toluene-d8
Concen: 53.238 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029327.D
Acq: 08 Jun 2022 17:33

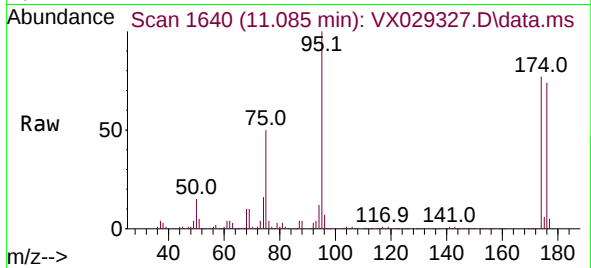
Tgt Ion: 98 Resp: 777454
Ion Ratio Lower Upper
98 100
100 66.5 52.6 78.8





#62
4-Bromofluorobenzene
Concen: 52.093 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX029327.D
Acq: 08 Jun 2022 17:33

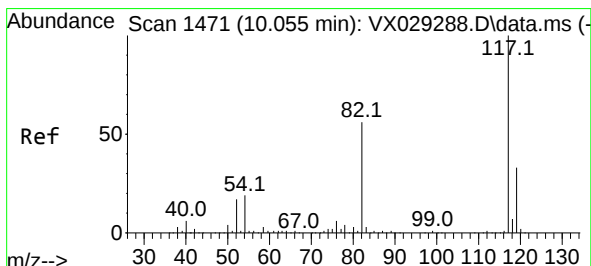
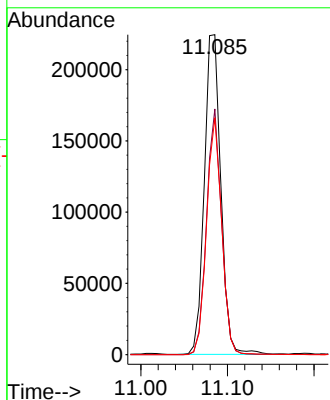
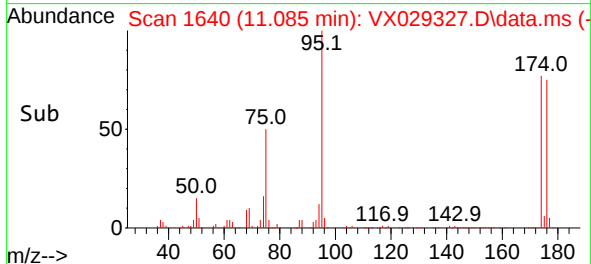
Instrument :
MSVOA_X
ClientSampleId :
WC-14B-4-GR



Tgt Ion: 95 Resp: 297699
Ion Ratio Lower Upper
95 100
174 69.8 0.0 163.0
176 68.2 0.0 155.0

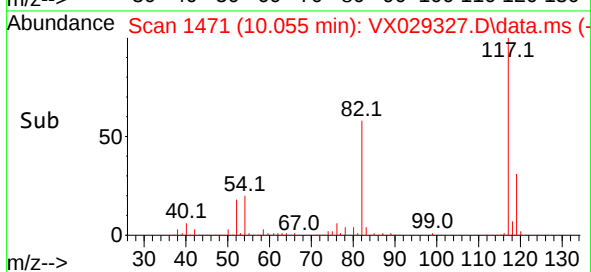
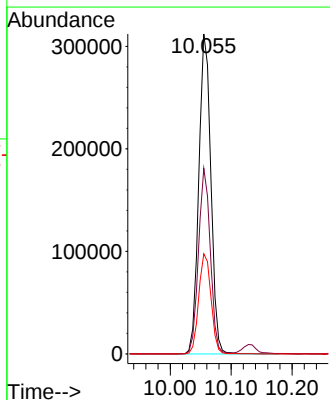
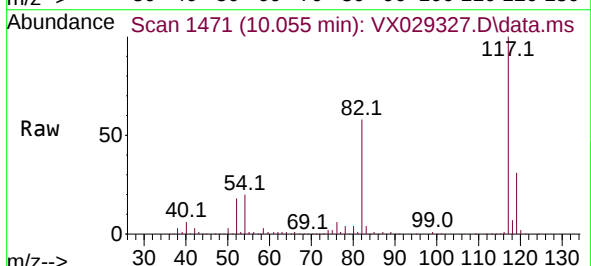
Manual Integrations
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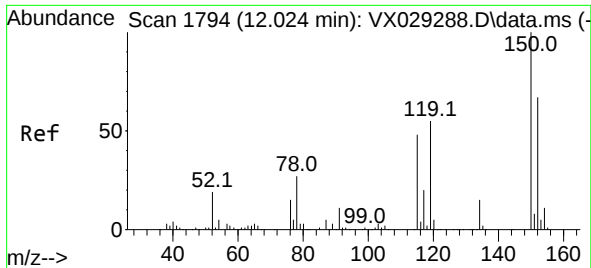
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029327.D
Acq: 08 Jun 2022 17:33

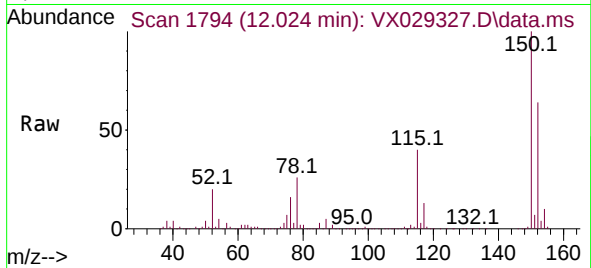
Tgt Ion:117 Resp: 429121
Ion Ratio Lower Upper
117 100
82 57.9 41.8 62.8
119 31.3 24.8 37.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029327.D
Acq: 08 Jun 2022 17:33

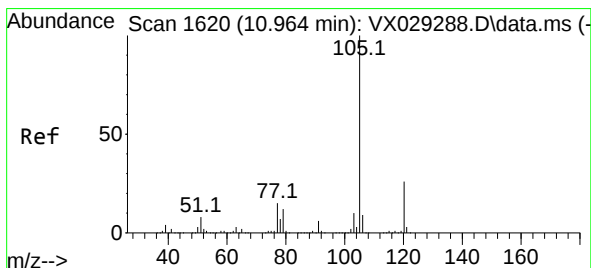
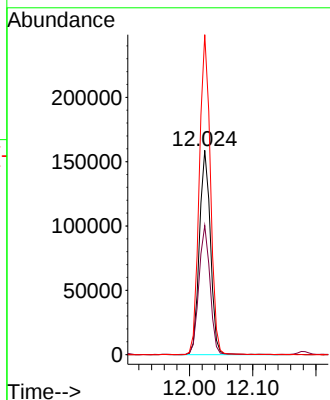
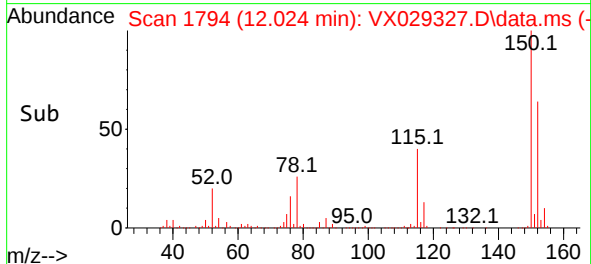
Instrument :
MSVOA_X
ClientSampleId :
WC-14B-4-GR



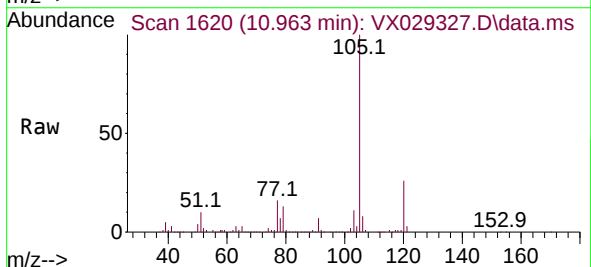
Tgt Ion:152 Resp: 190404
Ion Ratio Lower Upper
152 100
115 64.1 37.5 112.7
150 157.9 0.0 338.2

Manual Integrations
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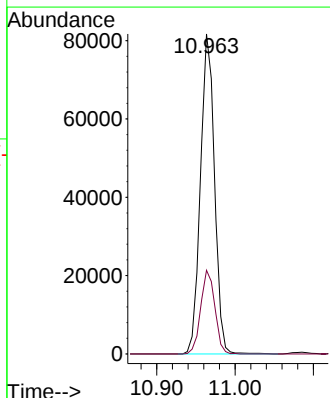
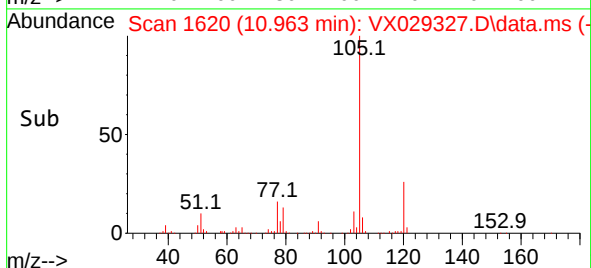
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

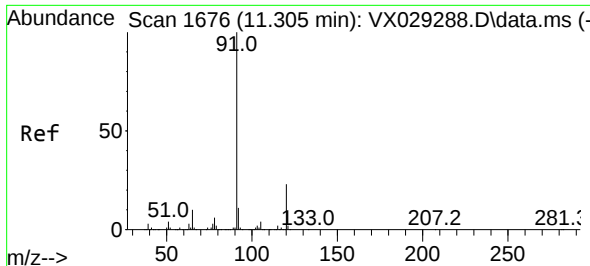


#73
Isopropylbenzene
Concen: 6.807 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX029327.D
Acq: 08 Jun 2022 17:33



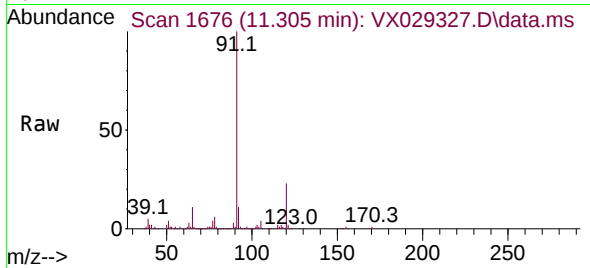
Tgt Ion:105 Resp: 102040
Ion Ratio Lower Upper
105 100
120 26.2 13.5 40.5





#78
n-propylbenzene
Concen: 4.699 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029327.D
Acq: 08 Jun 2022 17:33

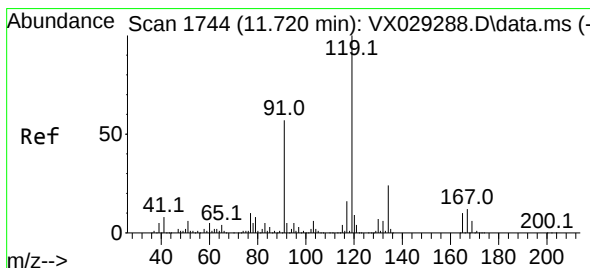
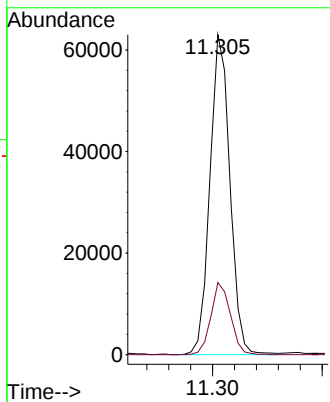
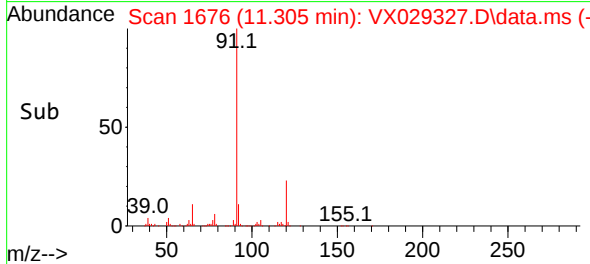
Instrument :
MSVOA_X
ClientSampleId :
WC-14B-4-GR



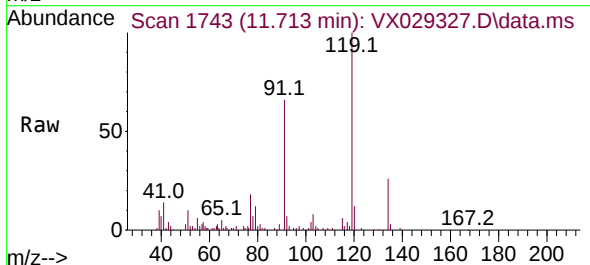
Tgt Ion: 91 Resp: 7992
Ion Ratio Lower Upper
91 100
120 21.9 11.6 34.8

Manual Integrations
APPROVED

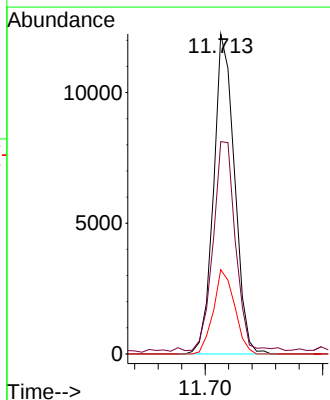
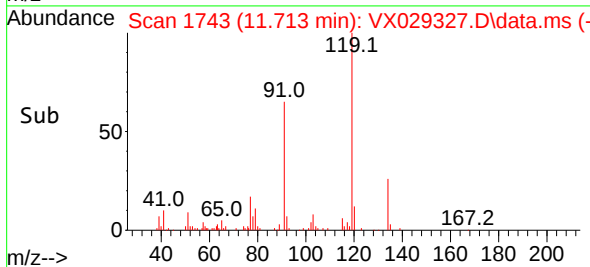
Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

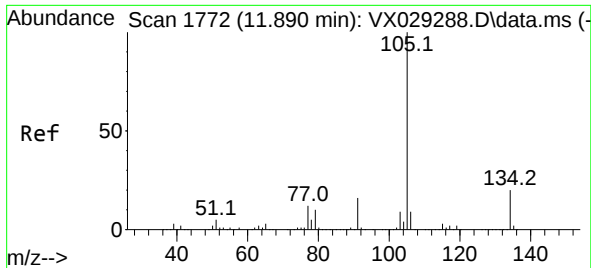


#83
tert-Butylbenzene
Concen: 1.227 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VX029327.D
Acq: 08 Jun 2022 17:33



Tgt Ion:119 Resp: 15156
Ion Ratio Lower Upper
119 100
91 73.2 26.9 80.6
134 26.6 11.4 34.2





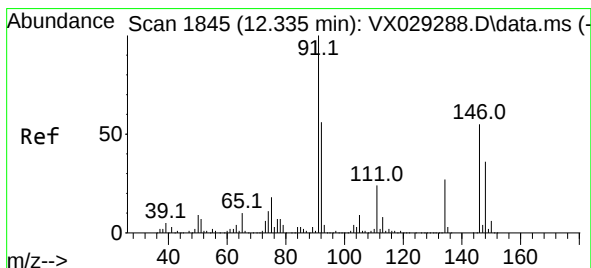
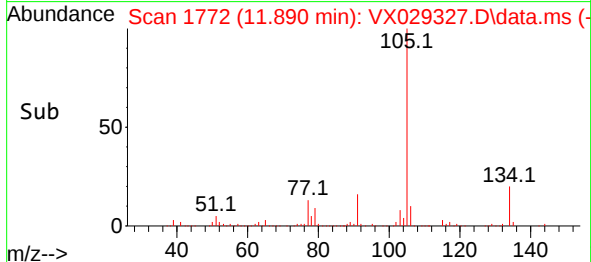
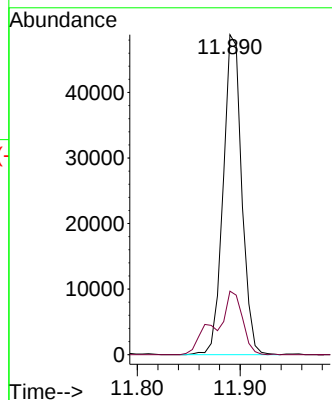
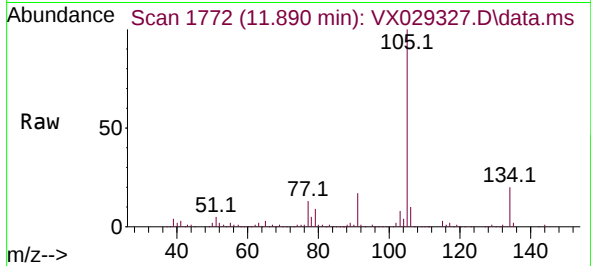
#85
sec-Butylbenzene
Concen: 4.031 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX029327.D
Acq: 08 Jun 2022 17:33

Instrument :
MSVOA_X
ClientSampleId :
WC-14B-4-GR

Tgt Ion:105 Resp: 61130
Ion Ratio Lower Upper
105 100
134 28.8 10.2 30.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#89
n-Butylbenzene
Concen: 1.446 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX029327.D
Acq: 08 Jun 2022 17:33

Tgt Ion: 91 Resp: 15501
Ion Ratio Lower Upper
91 100
92 53.2 27.8 83.3
134 26.2 13.3 39.8

