

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052422\
 Data File : VX028924.D
 Acq On : 24 May 2022 16:18
 Operator : JC/MD
 Sample : N2965-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31599

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/25/2022
 Supervised By : Mahesh Dadoda 05/25/2022

Quant Time: May 24 17:23:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	335322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	596881	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	572348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	276326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	231298	50.321	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.640%			
35) Dibromofluoromethane	5.385	113	199136	50.921	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.840%			
50) Toluene-d8	8.653	98	710172	48.167	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.340%			
62) 4-Bromofluorobenzene	11.079	95	288197	52.333	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.660%			
Target Compounds					Qvalue	
16) Acetone	2.374	43	165611	83.951	ug/l	92
17) Carbon Disulfide	2.520	76	152262m	16.925	ug/l	
31) Cyclohexane	5.477	56	1922	0.301	ug/l #	79
39) Methylcyclohexane	7.385	83	4008m	0.595	ug/l	
40) Benzene	6.044	78	7843	0.465	ug/l #	83
52) Toluene	8.720	92	61643	5.677	ug/l	97
67) Ethyl Benzene	10.195	91	54852	2.520	ug/l	97
68) m/p-Xylenes	10.299	106	78112	9.219	ug/l	97
69) o-Xylene	10.646	106	60221	7.219	ug/l	95
73) Isopropylbenzene	10.963	105	15930	0.760	ug/l	99
78) n-propylbenzene	11.305	91	50225	2.072	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	86185	4.936	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	256238	14.634	ug/l	99
85) sec-Butylbenzene	11.890	105	20821	0.998	ug/l	87
86) p-Isopropyltoluene	12.012	119	15742	0.900	ug/l	92
89) n-Butylbenzene	12.329	91	41836	2.759	ug/l #	38

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

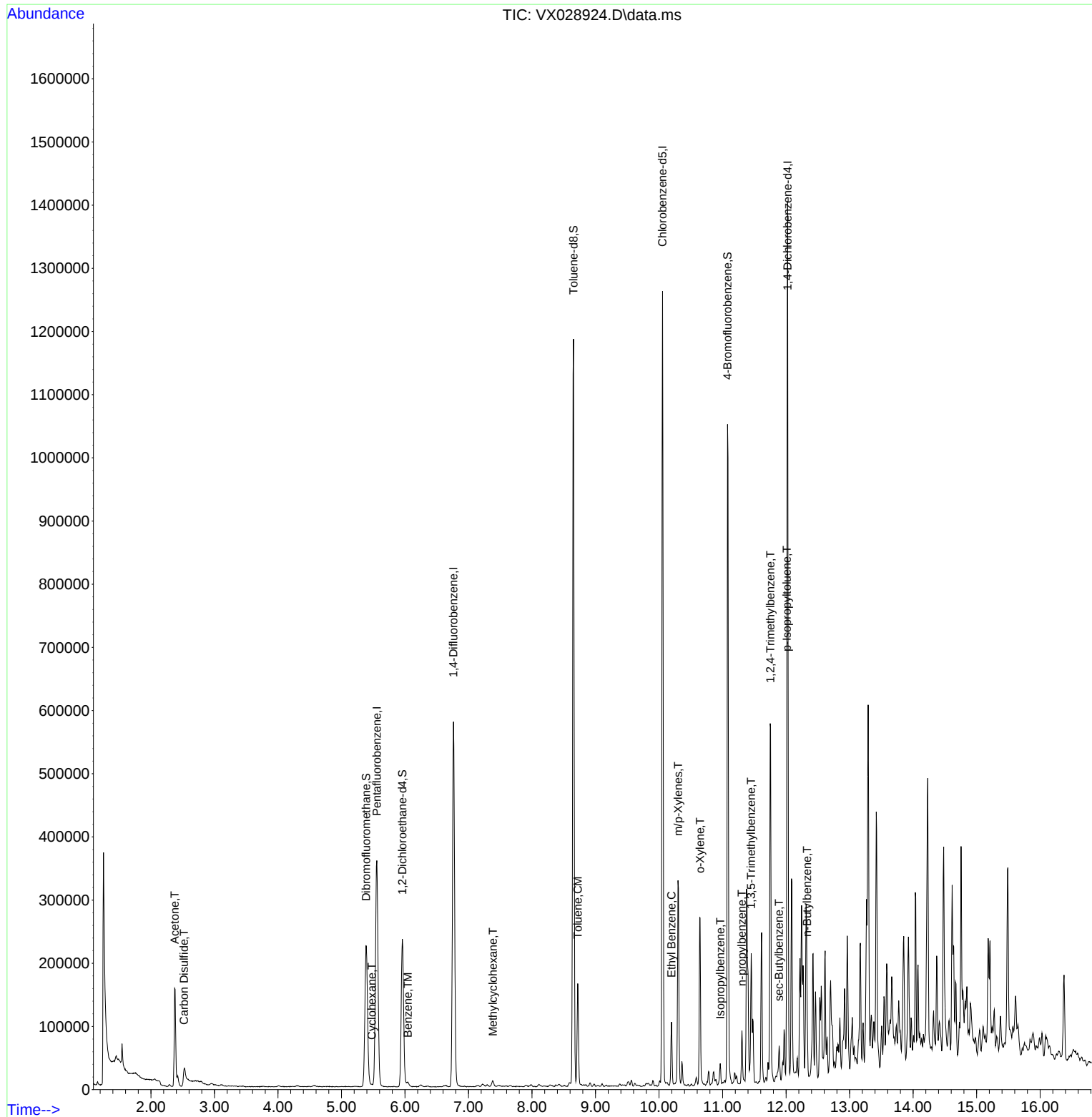
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052422\
Data File : VX028924.D
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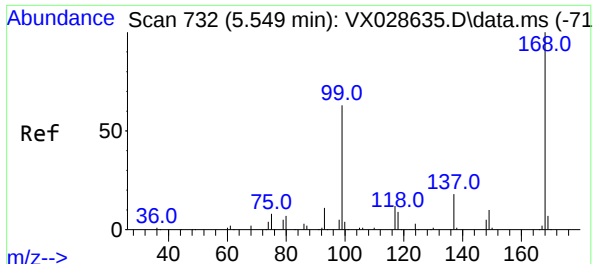
Instrument :
MSVOA_X
ClientSampleId :
31599

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration





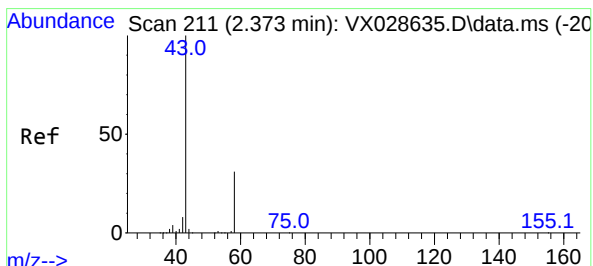
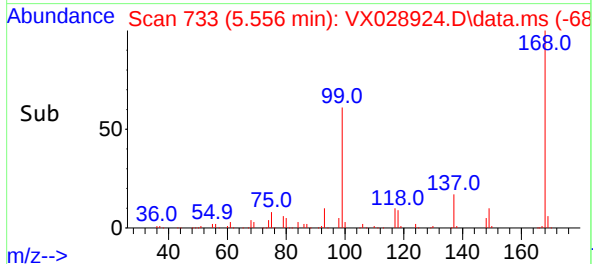
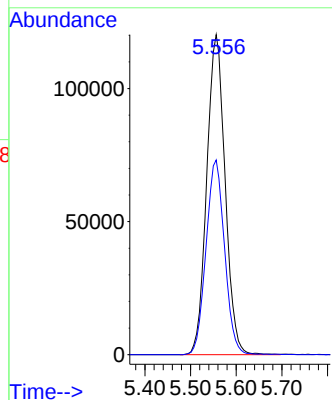
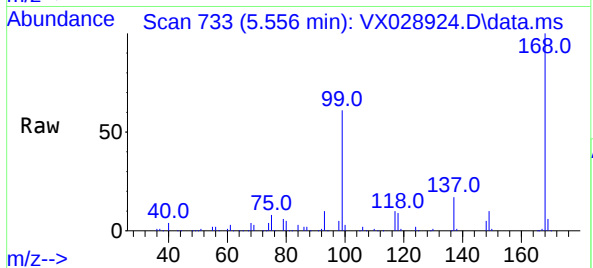
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028924.D
Acq: 24 May 2022 16:18

Instrument :
MSVOA_X
ClientSampleId :
31599

Tgt Ion:168 Resp: 33532
Ion Ratio Lower Upper
168 100
99 60.8 41.7 62.5

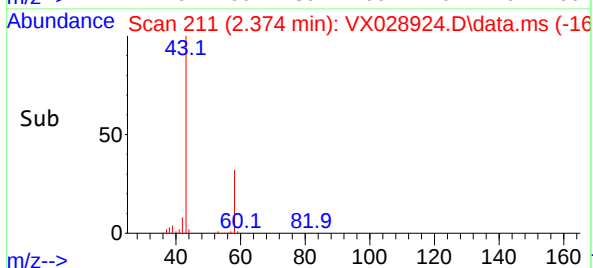
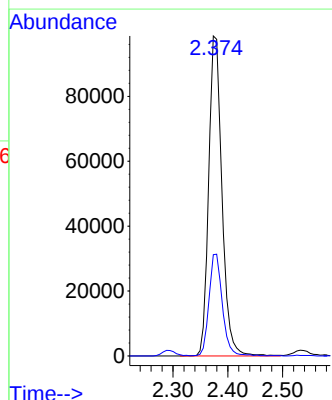
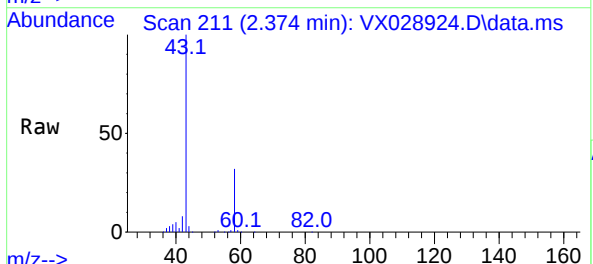
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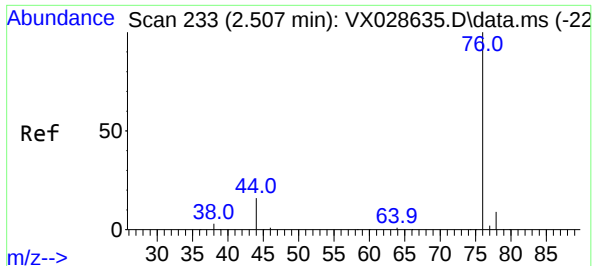
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#16
Acetone
Concen: 83.951 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX028924.D
Acq: 24 May 2022 16:18

Tgt Ion: 43 Resp: 165611
Ion Ratio Lower Upper
43 100
58 31.6 28.8 43.2





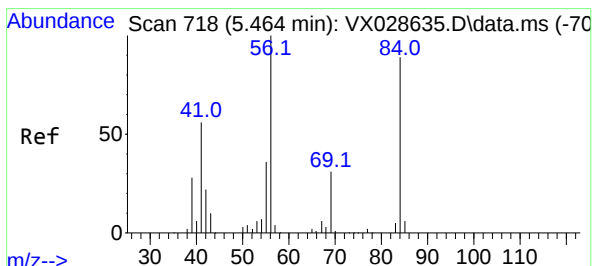
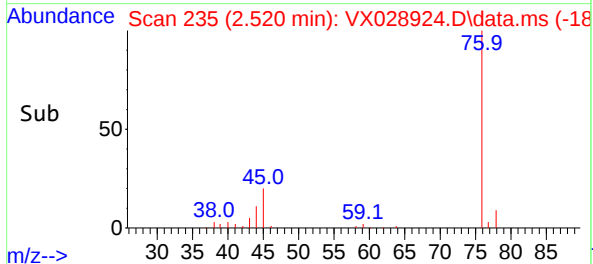
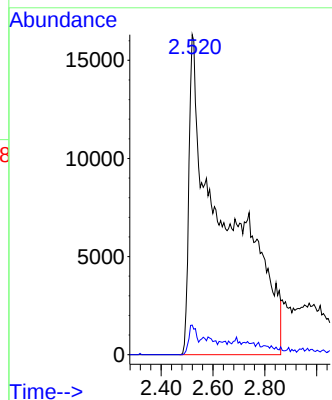
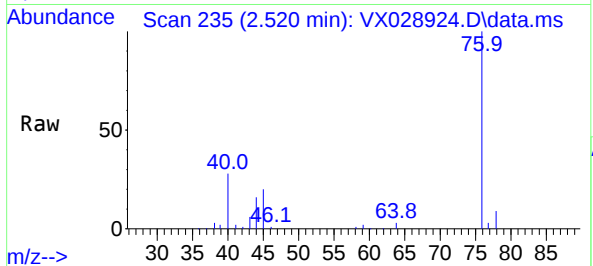
#17
Carbon Disulfide
Concen: 16.925 ug/l m
RT: 2.520 min Scan# 21
Delta R.T. 0.013 min
Lab File: VX028924.D
Acq: 24 May 2022 16:18

Instrument :
MSVOA_X
ClientSampleId :
31599

Tgt Ion: 76 Resp: 15226
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

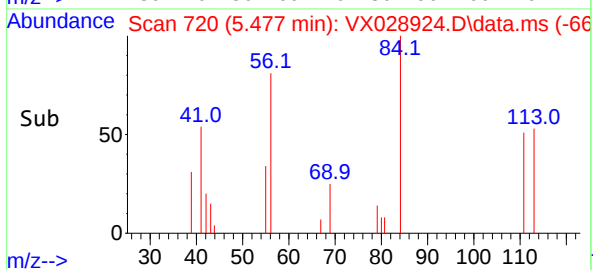
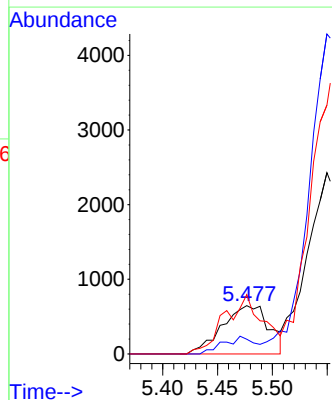
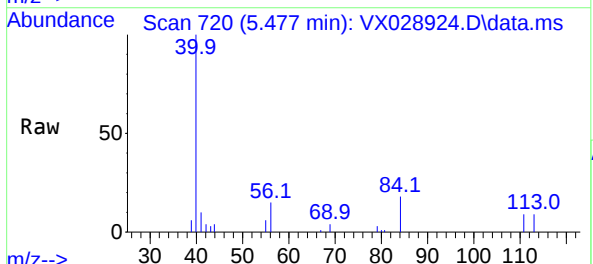
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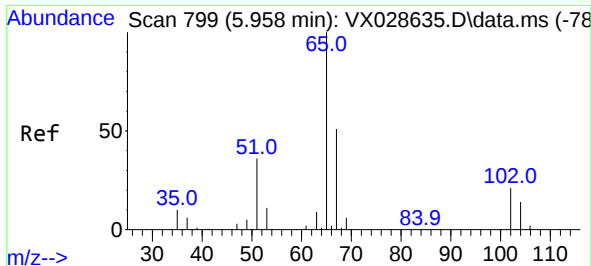
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#31
Cyclohexane
Concen: 0.301 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.013 min
Lab File: VX028924.D
Acq: 24 May 2022 16:18

Tgt Ion: 56 Resp: 1922
Ion Ratio Lower Upper
56 100
69 30.4 26.7 40.1
84 122.7 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 50.321 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028924.D

Acq: 24 May 2022 16:18

Instrument :

MSVOA_X

ClientSampleId :

31599

Tgt Ion: 65 Resp: 231298

Ion Ratio Lower Upper

65 100

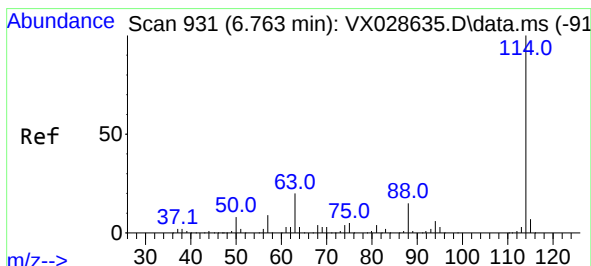
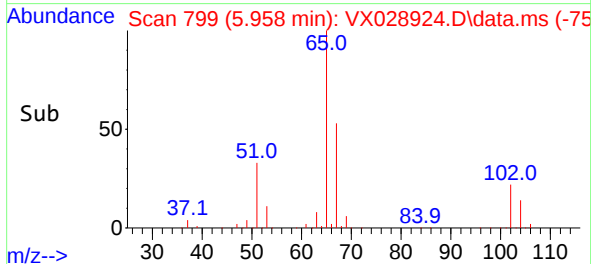
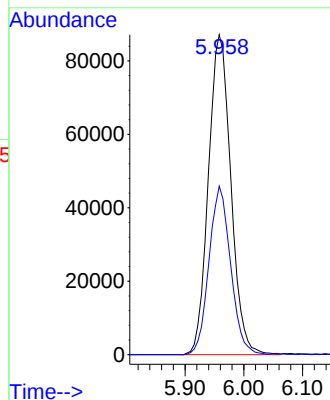
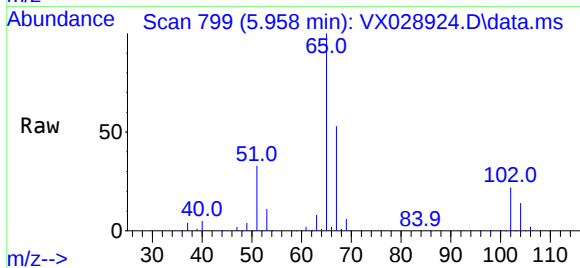
67 50.7 0.0 107.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028924.D

Acq: 24 May 2022 16:18

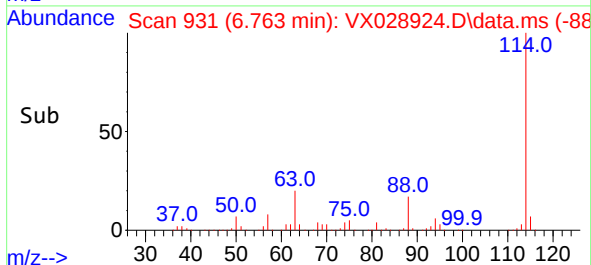
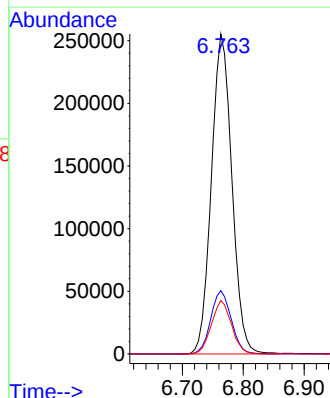
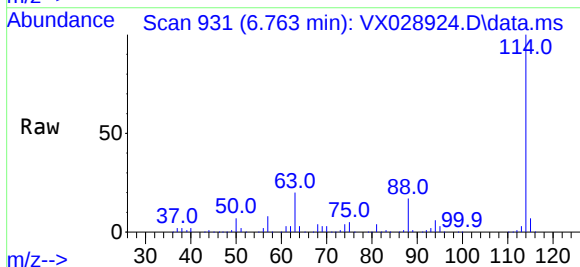
Tgt Ion:114 Resp: 596881

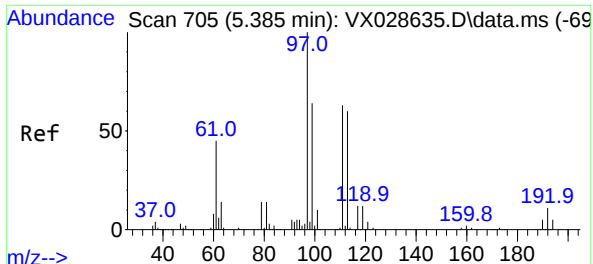
Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.8

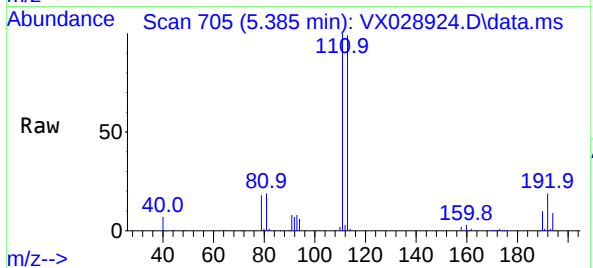
88 16.7 0.0 32.4





#35
Dibromofluoromethane
Concen: 50.921 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028924.D
Acq: 24 May 2022 16:18

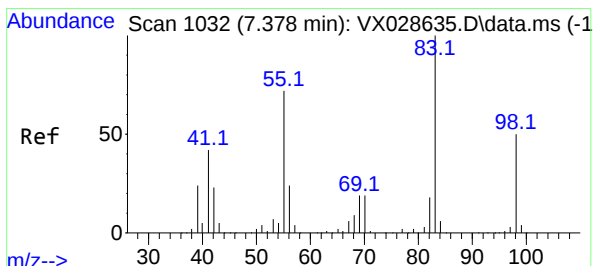
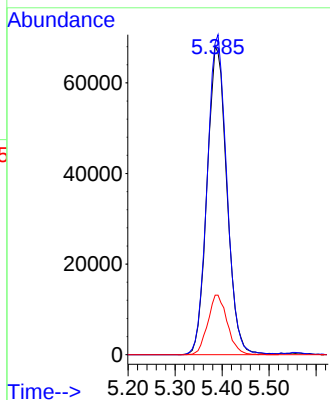
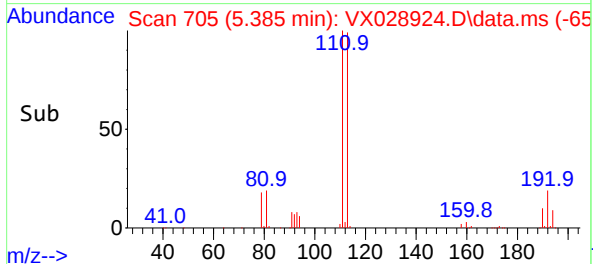
Instrument :
MSVOA_X
ClientSampleId :
31599



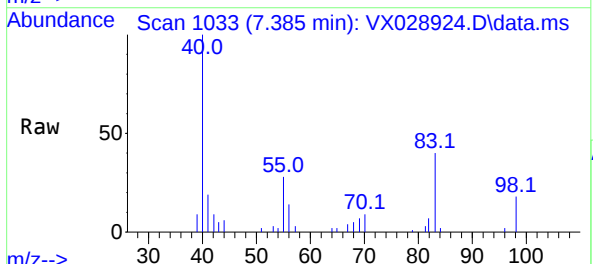
Tgt Ion: 113 Resp: 199130
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 19.0 16.9 25.3

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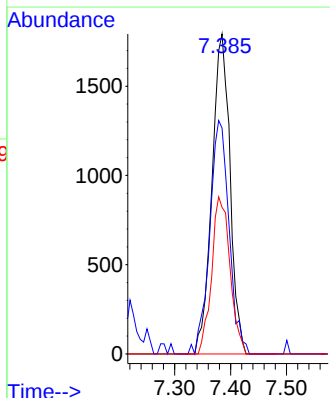
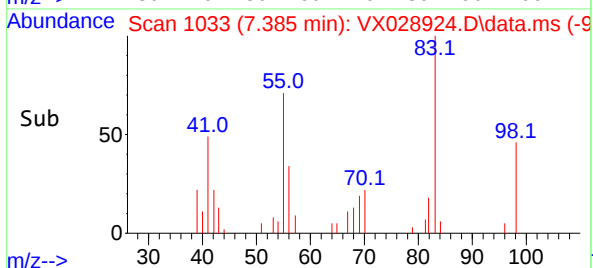
Reviewed By :John Carlone 05/25/2022
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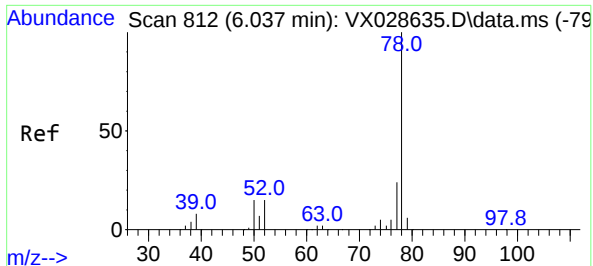


#39
Methylcyclohexane
Concen: 0.595 ug/l m
RT: 7.385 min Scan# 1033
Delta R.T. 0.007 min
Lab File: VX028924.D
Acq: 24 May 2022 16:18



Tgt Ion: 83 Resp: 4008
Ion Ratio Lower Upper
83 100
55 70.6 54.6 81.8
98 45.8 37.4 56.2





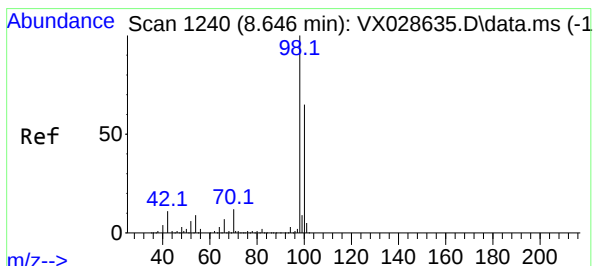
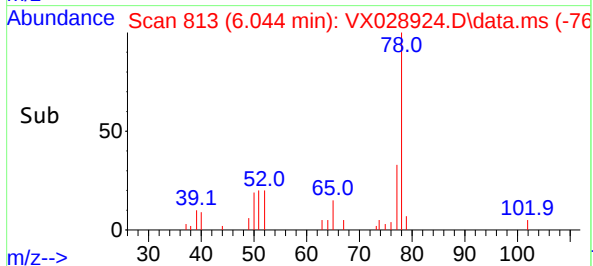
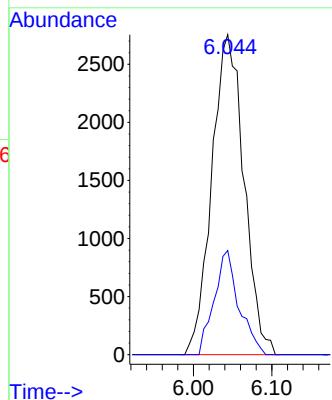
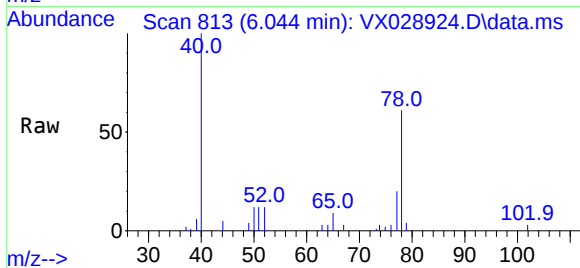
#40
Benzene
Concen: 0.465 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.007 min
Lab File: VX028924.D
Acq: 24 May 2022 16:18

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 78 Resp: 784
Ion Ratio Lower Upper
78 100
77 32.5 19.3 28.9

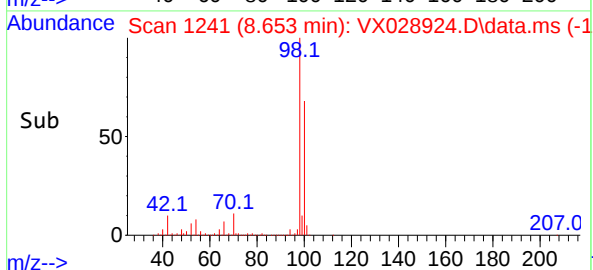
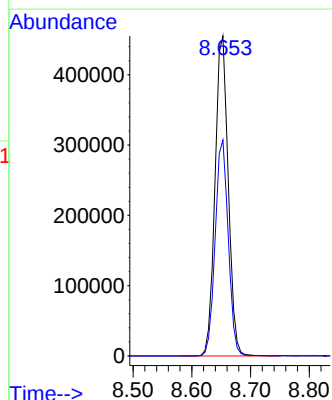
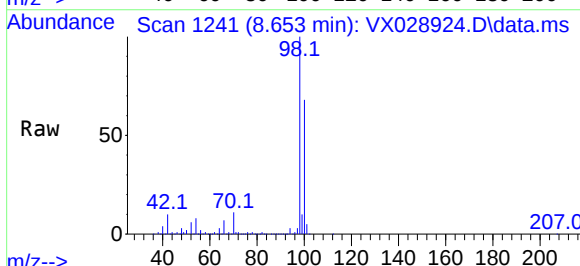
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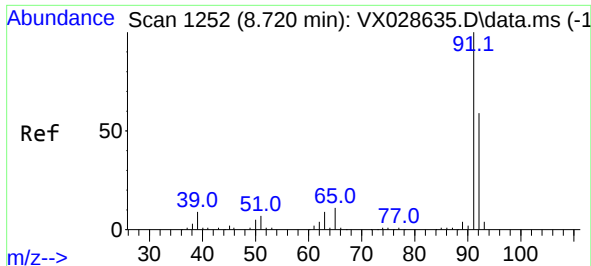
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#50
Toluene-d8
Concen: 48.167 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028924.D
Acq: 24 May 2022 16:18

Tgt Ion: 98 Resp: 710172
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8





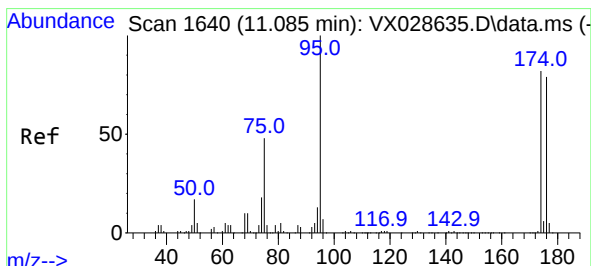
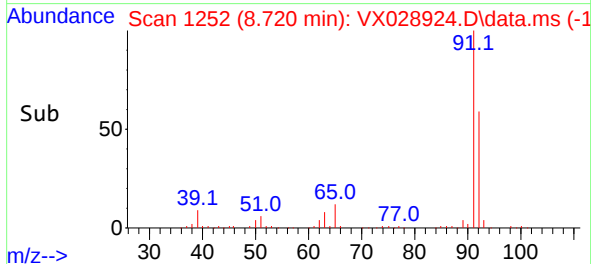
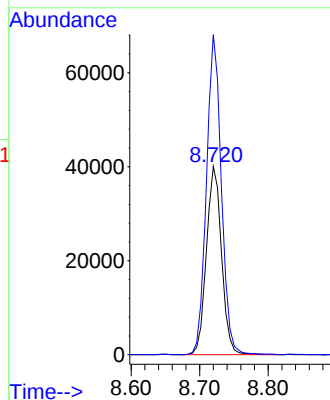
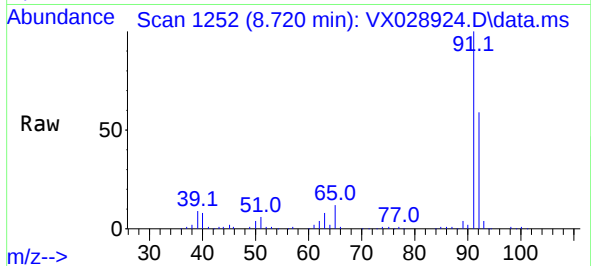
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Toluene
Concen: 5.677 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028924.D
Acq: 24 May 2022 16:18

Instrument :
MSVOA_X
ClientSampleId :
31599

Tgt Ion: 92 Resp: 6164
Ion Ratio Lower Upper
92 100
91 167.5 137.5 206.3

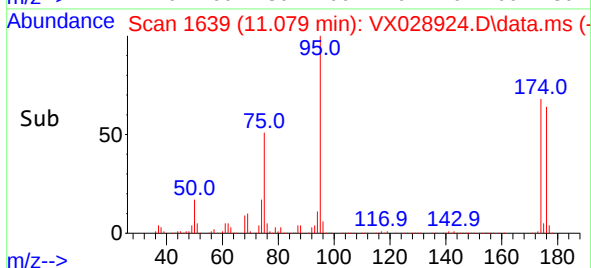
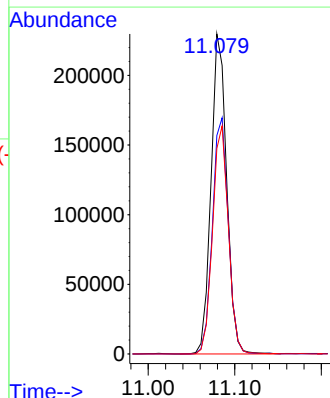
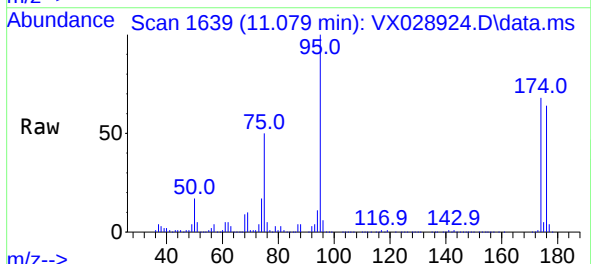
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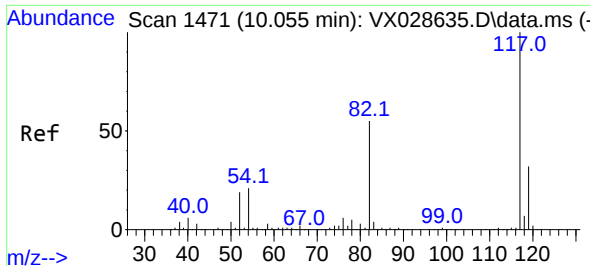
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#62
4-Bromofluorobenzene
Concen: 52.333 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028924.D
Acq: 24 May 2022 16:18

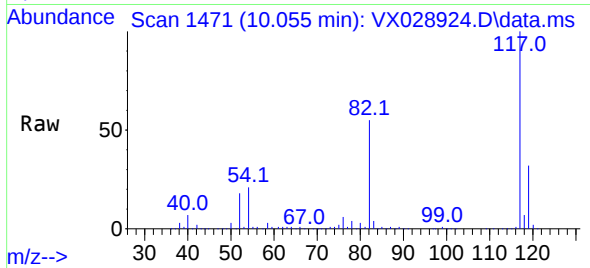
Tgt Ion: 95 Resp: 288197
Ion Ratio Lower Upper
95 100
174 74.9 0.0 163.0
176 72.0 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028924.D
Acq: 24 May 2022 16:18

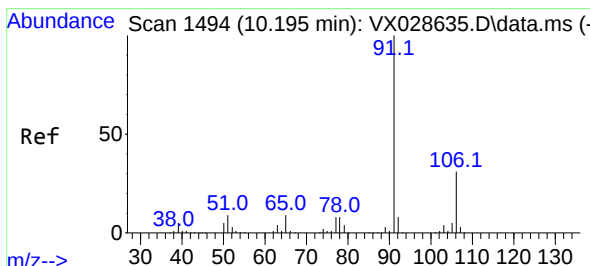
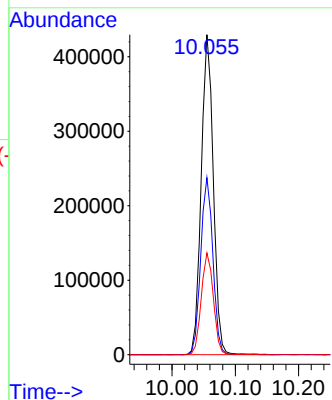
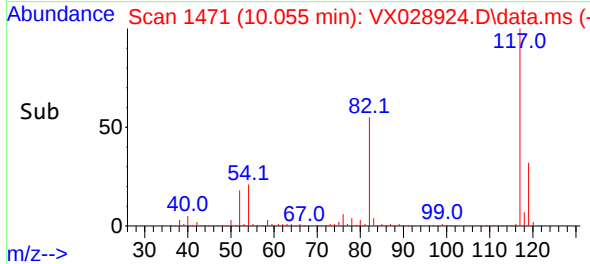
Instrument :
MSVOA_X
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31599



Tgt Ion:117 Resp: 572348
Ion Ratio Lower Upper
117 100
82 55.3 41.8 62.8
119 31.8 24.8 37.2

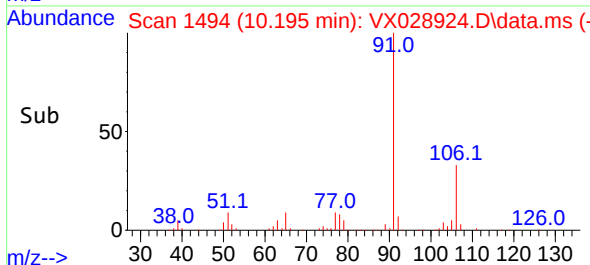
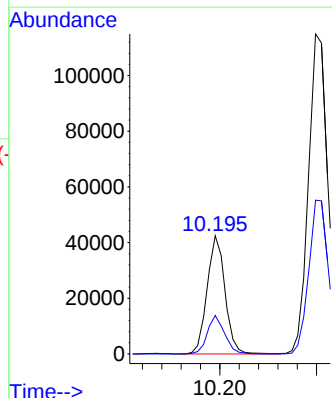
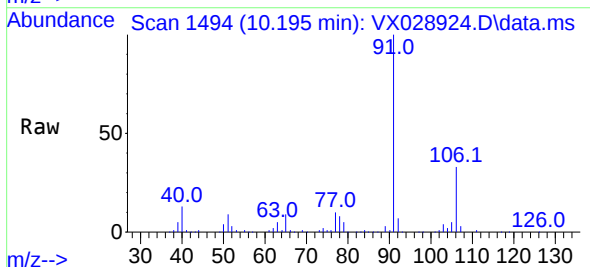
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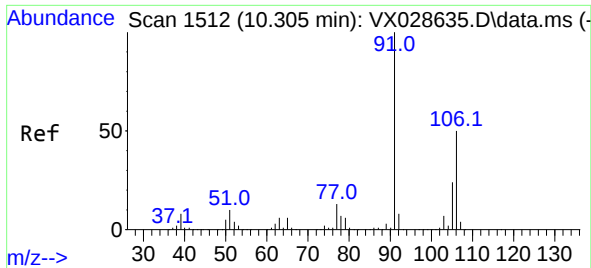
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#67
Ethyl Benzene
Concen: 2.520 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028924.D
Acq: 24 May 2022 16:18

Tgt Ion: 91 Resp: 54852
Ion Ratio Lower Upper
91 100
106 32.5 24.6 36.8





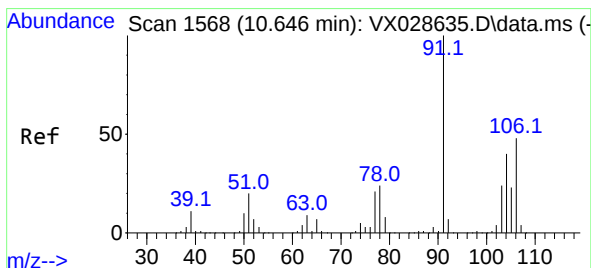
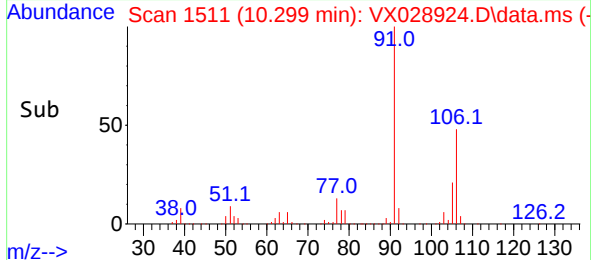
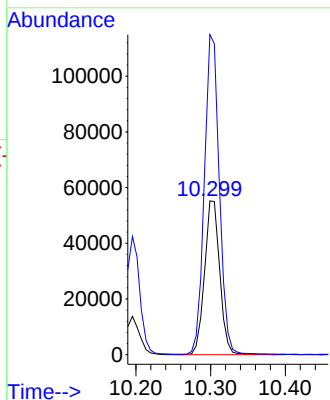
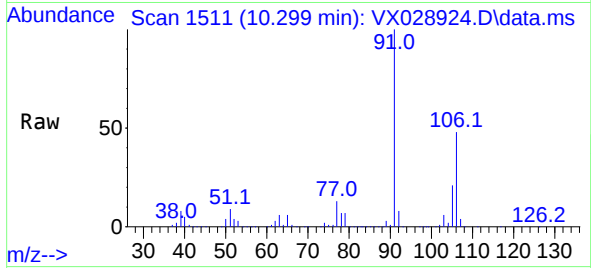
#68
m/p-Xylenes
Concen: 9.219 ug/l
RT: 10.299 min Scan# 1512
Delta R.T. -0.006 min
Lab File: VX028924.D
Acq: 24 May 2022 16:18

Instrument :
MSVOA_X
ClientSampleId :
31599

Tgt Ion:106 Resp: 78112
Ion Ratio Lower Upper
106 100
91 204.7 160.4 240.6

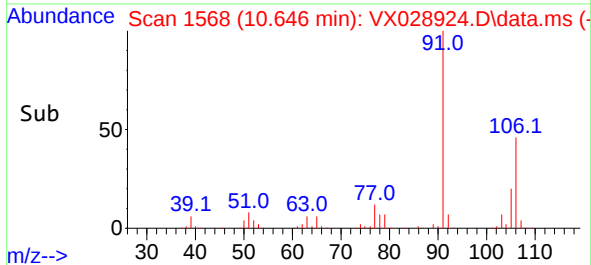
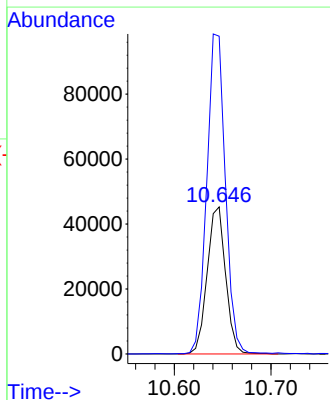
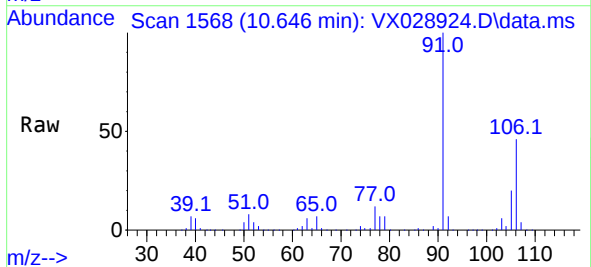
Manual Integrations
APPROVED

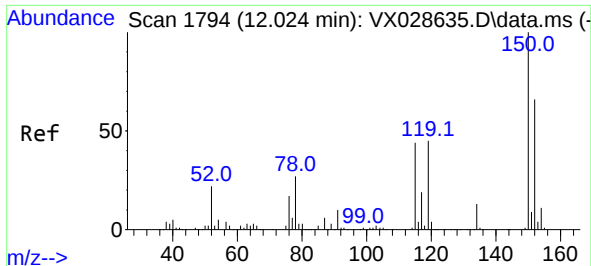
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#69
o-Xylene
Concen: 7.219 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX028924.D
Acq: 24 May 2022 16:18

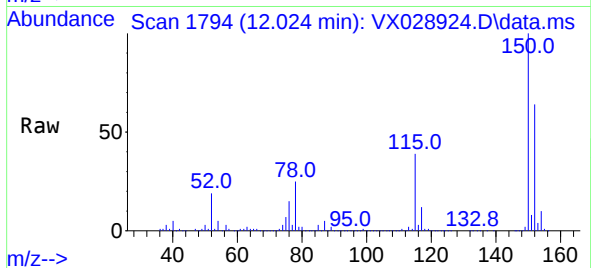
Tgt Ion:106 Resp: 60221
Ion Ratio Lower Upper
106 100
91 220.0 106.1 318.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028924.D
Acq: 24 May 2022 16:18

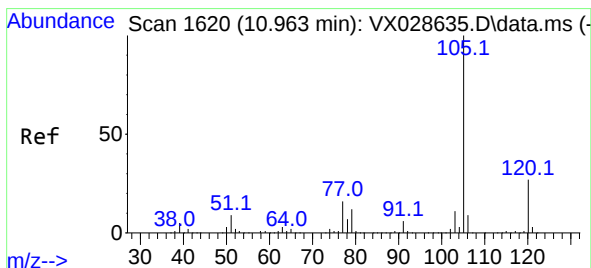
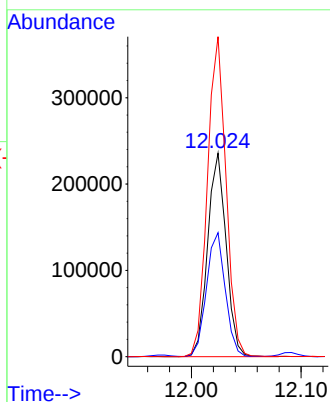
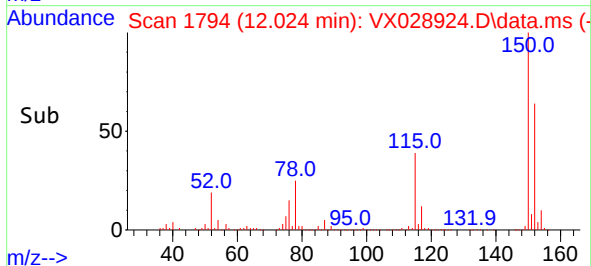
Instrument :
MSVOA_X
ClientSampleId :
31599



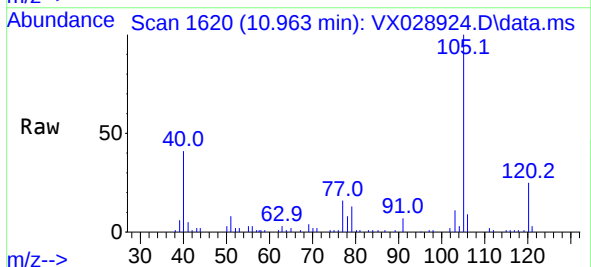
Tgt Ion:152 Resp: 276320
Ion Ratio Lower Upper
152 100
115 61.9 37.5 112.7
150 158.0 0.0 338.2

Manual Integrations
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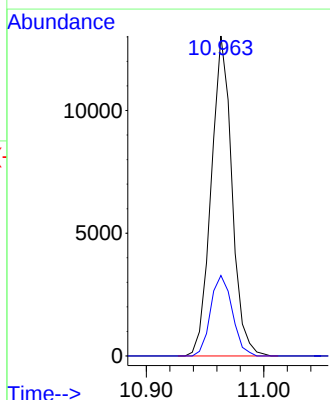
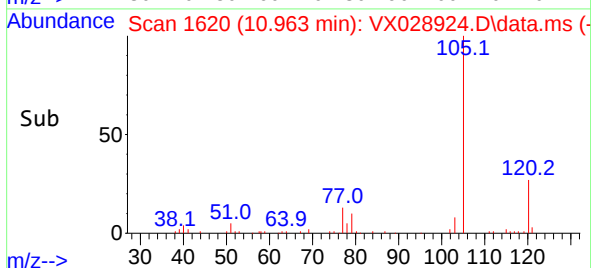
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

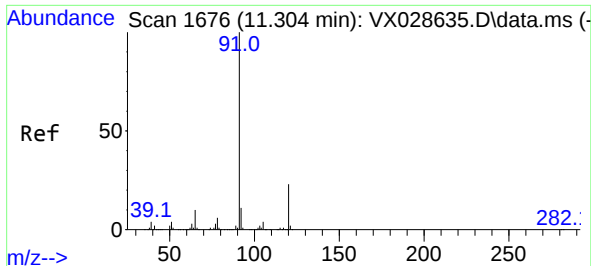


#73
Isopropylbenzene
Concen: 0.760 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028924.D
Acq: 24 May 2022 16:18



Tgt Ion:105 Resp: 15930
Ion Ratio Lower Upper
105 100
120 26.3 13.5 40.5





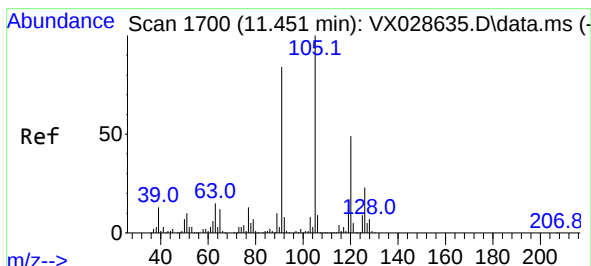
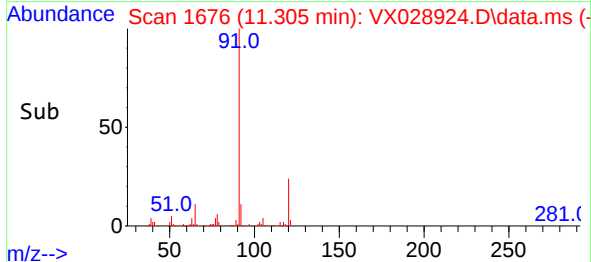
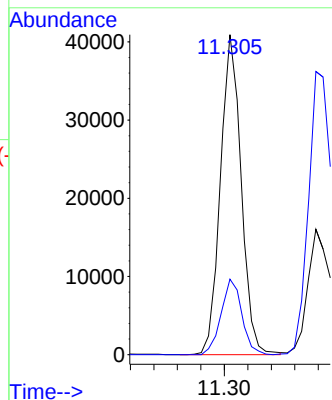
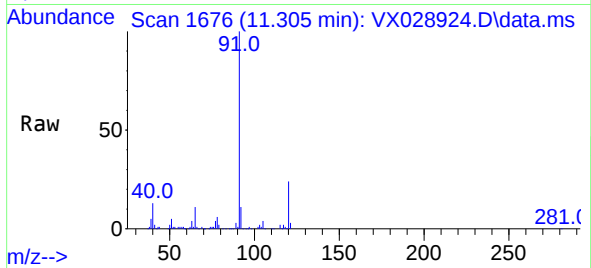
#78
n-propylbenzene
Concen: 2.072 ug/l
RT: 11.305 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX028924.D
Acq: 24 May 2022 16:18

Instrument :
MSVOA_X
ClientSampleId :
31599

Tgt Ion: 91 Resp: 50225
Ion Ratio Lower Upper
91 100
120 23.6 11.6 34.8

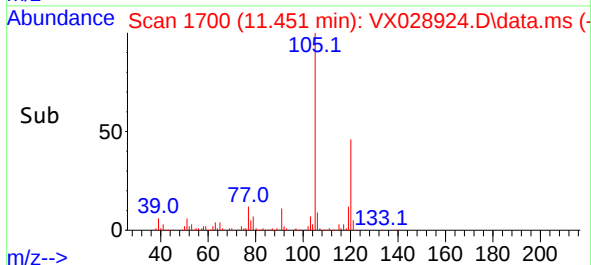
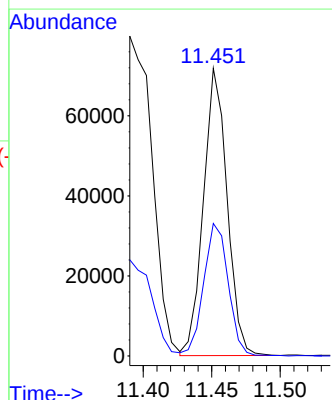
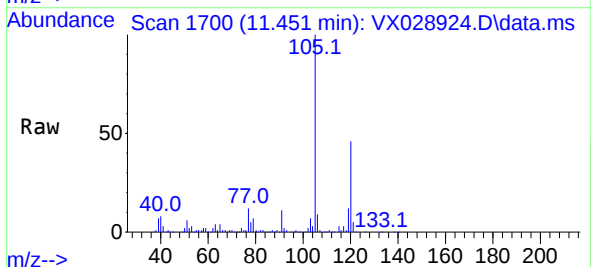
Manual Integrations
APPROVED

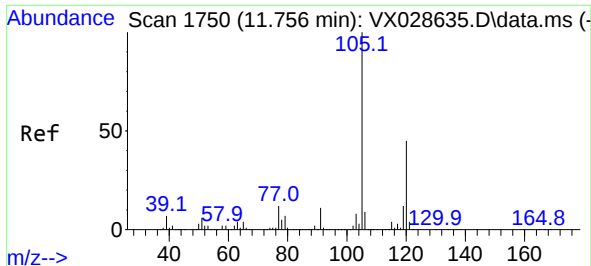
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#80
1,3,5-Trimethylbenzene
Concen: 4.936 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028924.D
Acq: 24 May 2022 16:18

Tgt Ion:105 Resp: 86185
Ion Ratio Lower Upper
105 100
120 47.9 24.3 72.9





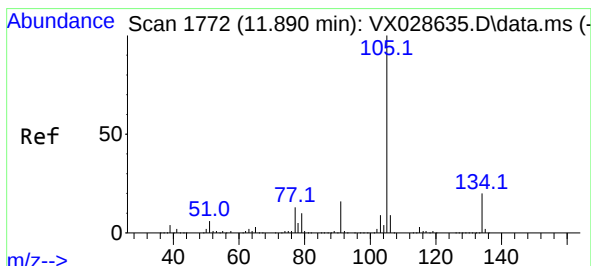
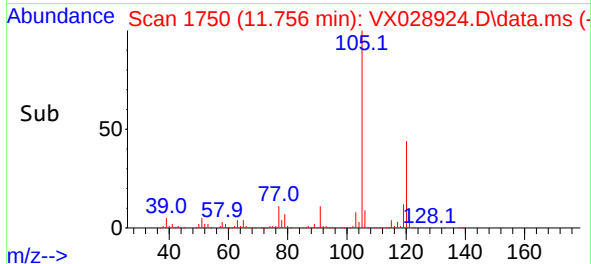
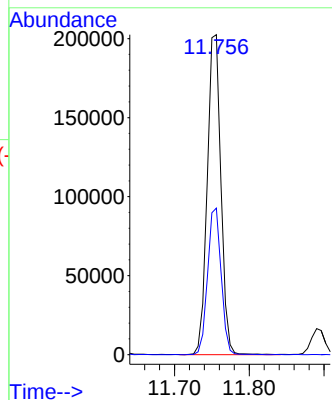
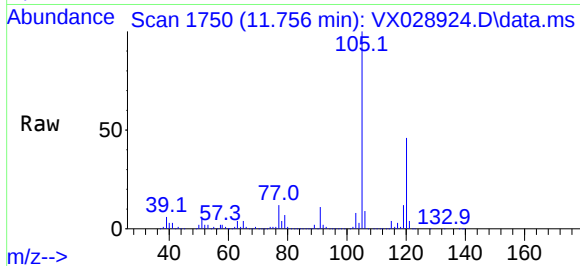
#84
1,2,4-Trimethylbenzene
Concen: 14.634 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX028924.D
Acq: 24 May 2022 16:18

Instrument :
MSVOA_X
ClientSampleId :
31599

Tgt Ion:105 Resp: 256238
Ion Ratio Lower Upper
105 100
120 45.5 22.6 67.8

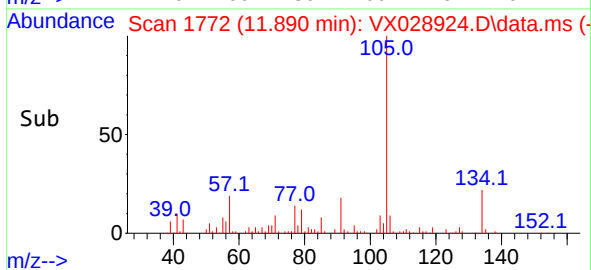
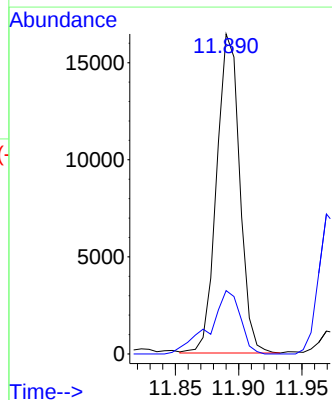
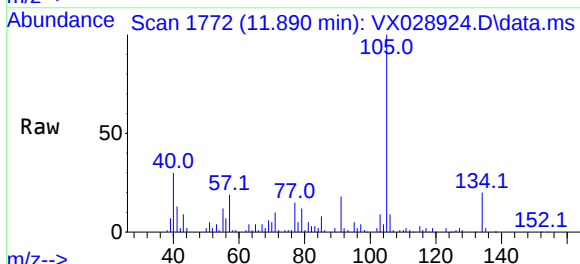
Manual Integrations
APPROVED

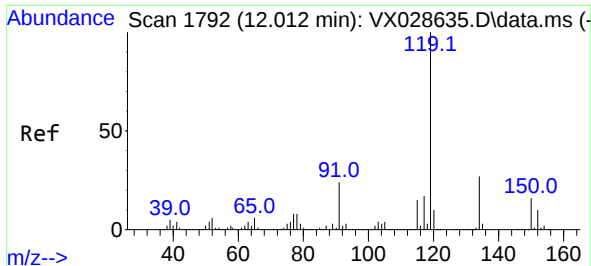
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#85
sec-Butylbenzene
Concen: 0.998 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX028924.D
Acq: 24 May 2022 16:18

Tgt Ion:105 Resp: 20821
Ion Ratio Lower Upper
105 100
134 26.4 10.2 30.4





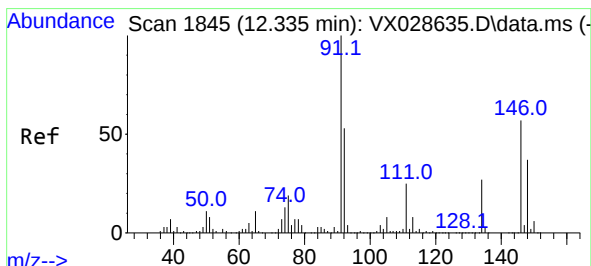
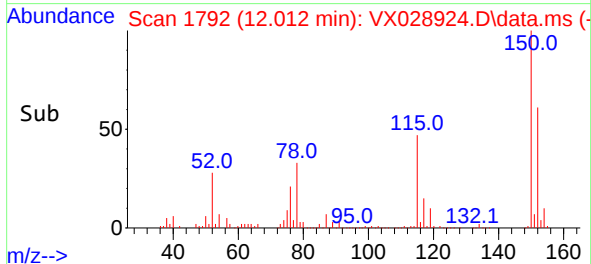
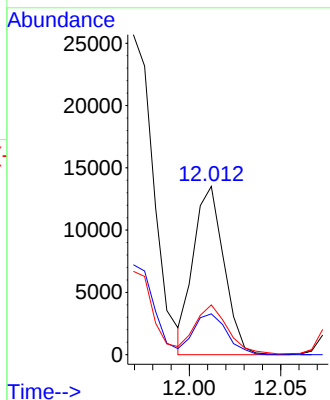
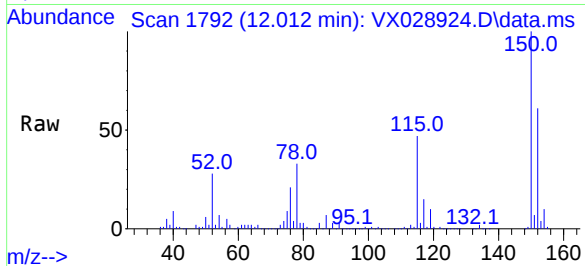
#86
p-Isopropyltoluene
Concen: 0.900 ug/l
RT: 12.012 min Scan# 119
Delta R.T. 0.000 min
Lab File: VX028924.D
Acq: 24 May 2022 16:18

Instrument :
MSVOA_X
ClientSampleId :
31599

Tgt Ion:119 Resp: 1574
Ion Ratio Lower Upper
119 100
134 26.3 13.0 39.0
91 31.1 11.3 33.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#89
n-Butylbenzene
Concen: 2.759 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX028924.D
Acq: 24 May 2022 16:18

Tgt Ion: 91 Resp: 41836
Ion Ratio Lower Upper
91 100
92 34.9 27.8 83.3
134 94.6 13.3 39.8#

