

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052422\
 Data File : VX028929.D
 Acq On : 24 May 2022 18:15
 Operator : JC/MD
 Sample : N2943-19DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP051822DL

Quant Time: May 25 01:50:53 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	335690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	587769	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	564570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	280810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	224044	48.689	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.380%		
35) Dibromofluoromethane	5.391	113	193544	50.258	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.520%		
50) Toluene-d8	8.653	98	698653	48.120	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.240%		
62) 4-Bromofluorobenzene	11.079	95	288109	53.128	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.260%		
Target Compounds					Qvalue	
16) Acetone	2.379	43	5202	2.634	ug/l	89
25) 2-Butanone	4.568	43	3396	1.096	ug/l	91
31) Cyclohexane	5.476	56	93150	14.584	ug/l	99
39) Methylcyclohexane	7.385	83	45253	6.822	ug/l	94
40) Benzene	6.043	78	97057	5.839	ug/l	96
52) Toluene	8.720	92	82016	7.670	ug/l	97
67) Ethyl Benzene	10.195	91	814818	37.956	ug/l	98
68) m/p-Xylenes	10.305	106	722385	86.431	ug/l	98
69) o-Xylene	10.646	106	191294	23.247	ug/l	97
73) Isopropylbenzene	10.963	105	55497	2.606	ug/l	98
78) n-propylbenzene	11.305	91	161210	6.545	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	145742	8.213	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	829564	46.621	ug/l	100
85) sec-Butylbenzene	11.890	105	8145m	0.384	ug/l	
95) Naphthalene	13.774	128	317511	15.912	ug/l	100

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

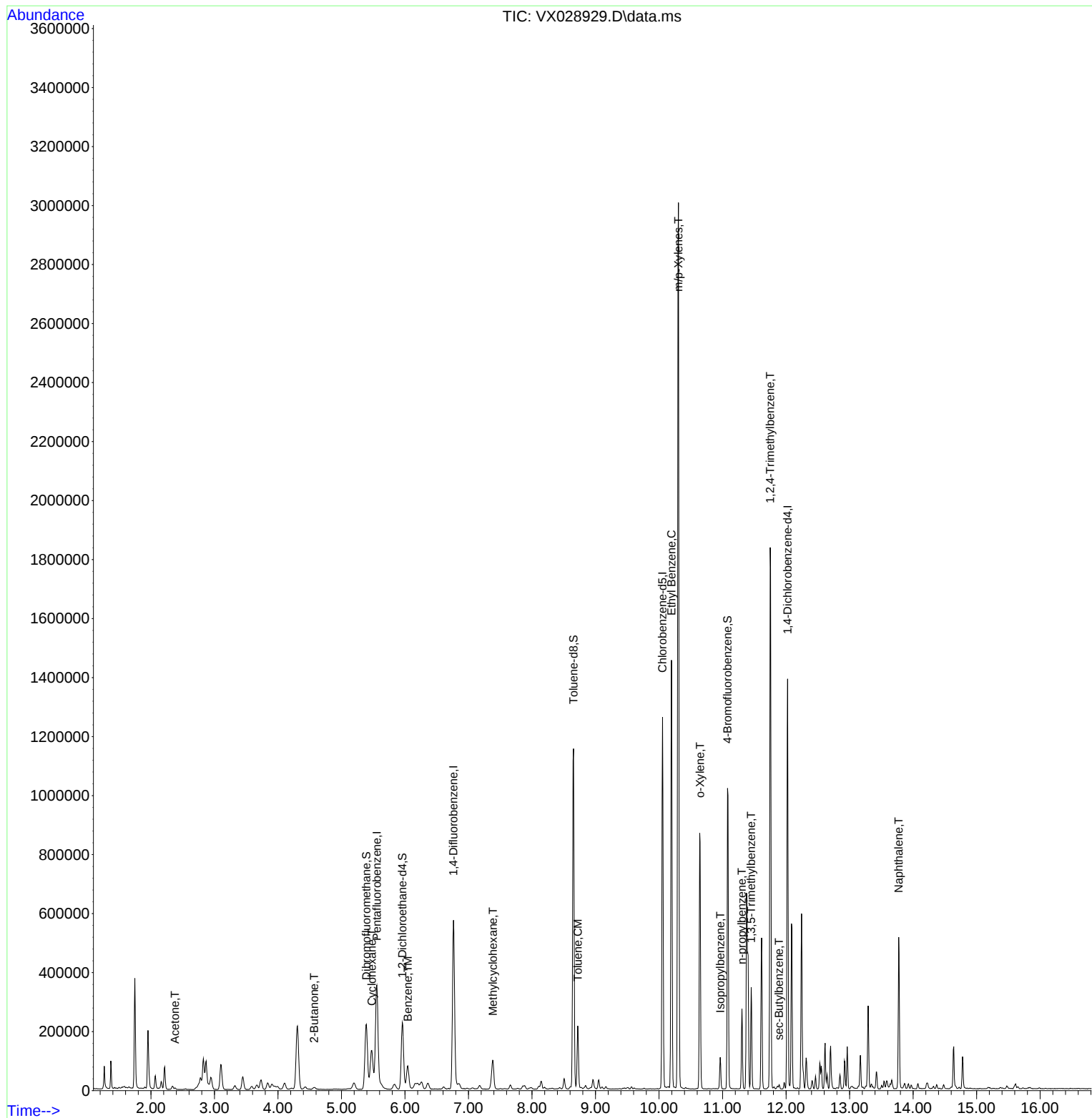
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052422\
Data File : VX028929.D
Acq On : 24 May 2022 18:15
Operator : JC/MD
Sample : N2943-19DL 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

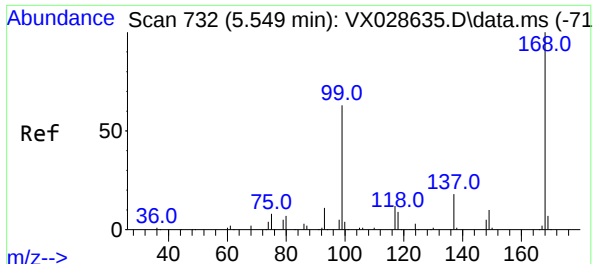
Instrument :
MSVOA_X
ClientSampleId :
DUP051822DL

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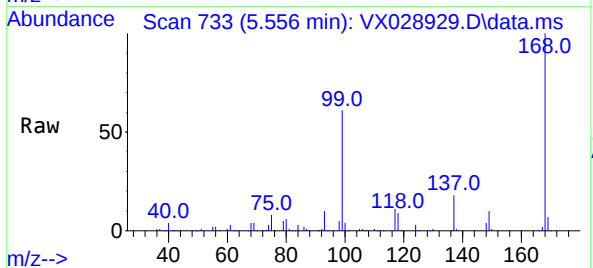
Quant Time: May 25 01:50:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028929.D
Acq: 24 May 2022 18:15

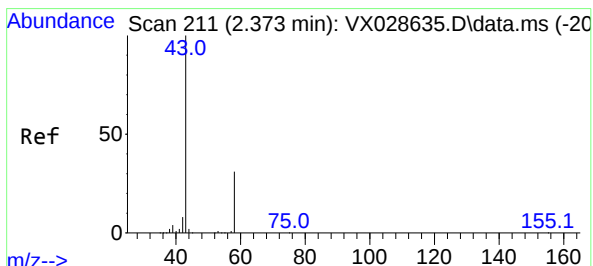
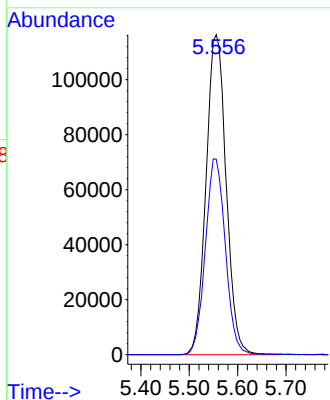
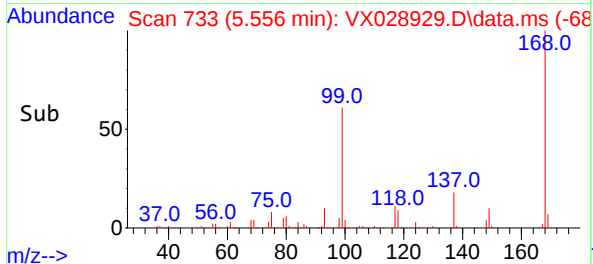
Instrument :
MSVOA_X
ClientSampleId :
DUP051822DL



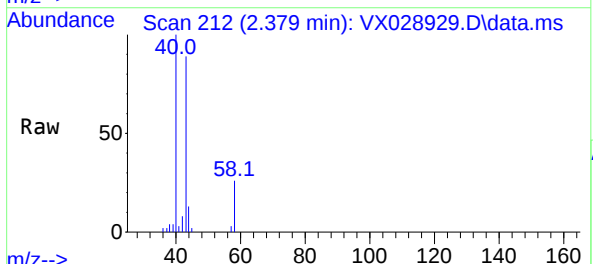
Tgt Ion:168 Resp: 335690
Ion Ratio Lower Upper
168 100
99 61.0 41.7 62.5

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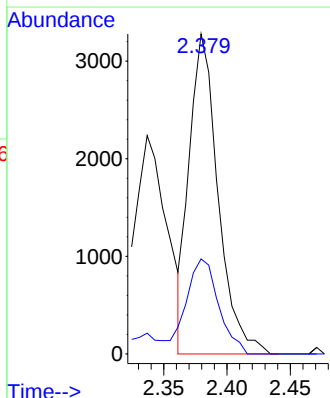
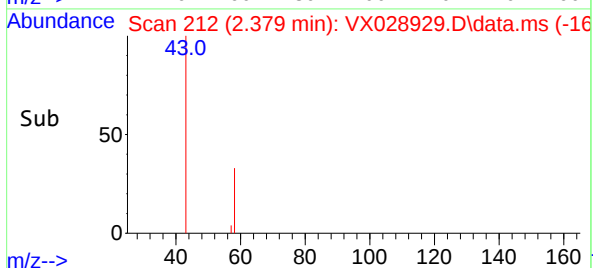
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

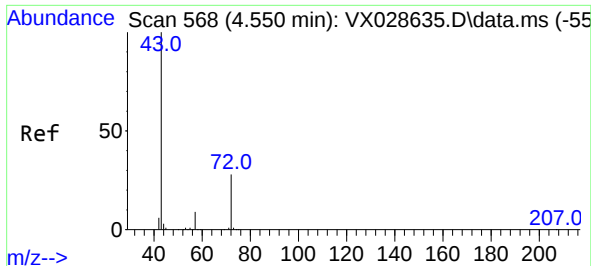


#16
Acetone
Concen: 2.634 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX028929.D
Acq: 24 May 2022 18:15



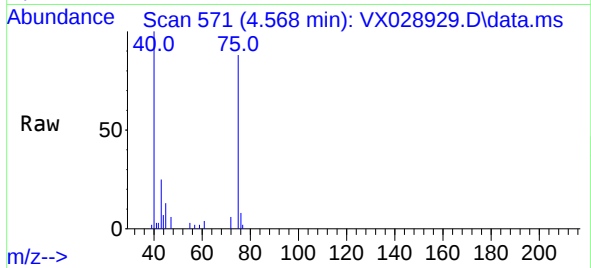
Tgt Ion: 43 Resp: 5202
Ion Ratio Lower Upper
43 100
58 29.7 28.8 43.2





#25
2-Butanone
Concen: 1.096 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX028929.D
Acq: 24 May 2022 18:15

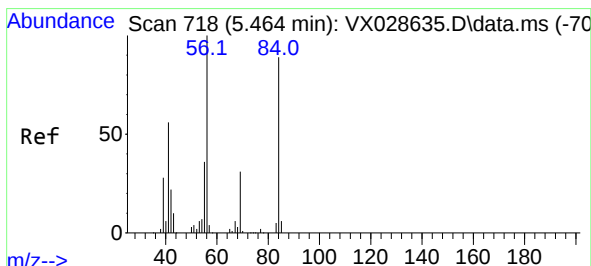
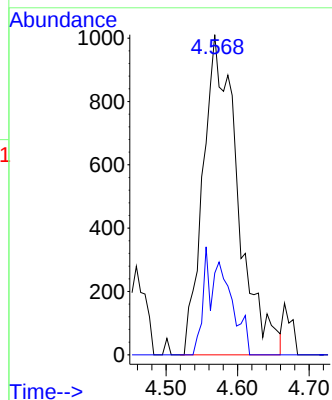
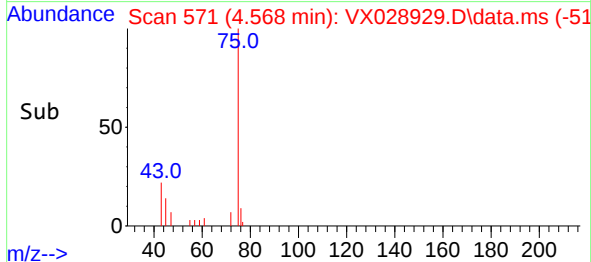
Instrument :
MSVOA_X
ClientSampleId :
DUP051822DL



Tgt Ion: 43 Resp: 3390
Ion Ratio Lower Upper
43 100
72 25.5 24.4 36.6

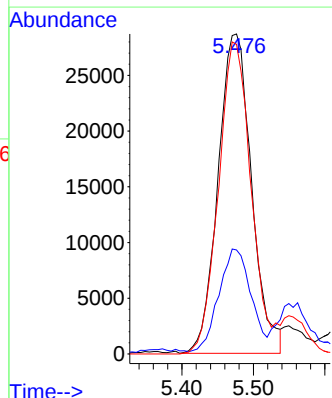
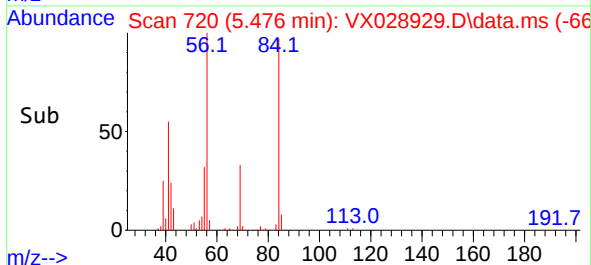
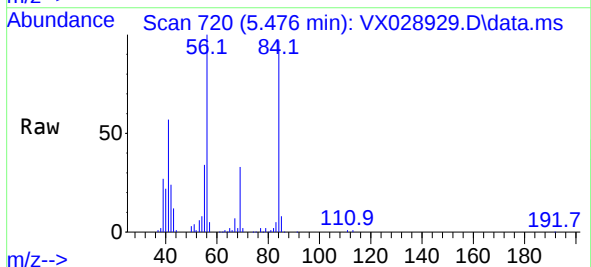
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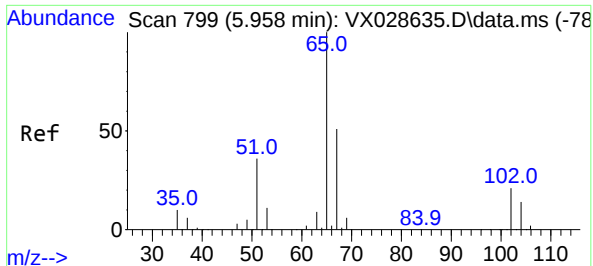
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#31
Cyclohexane
Concen: 14.584 ug/l
RT: 5.476 min Scan# 720
Delta R.T. 0.012 min
Lab File: VX028929.D
Acq: 24 May 2022 18:15

Tgt Ion: 56 Resp: 93150
Ion Ratio Lower Upper
56 100
69 31.6 26.7 40.1
84 96.9 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 48.689 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028929.D

Acq: 24 May 2022 18:15

Instrument :

MSVOA_X

ClientSampleId :

DUP051822DL

Tgt Ion: 65 Resp: 224044

Ion Ratio Lower Upper

65 100

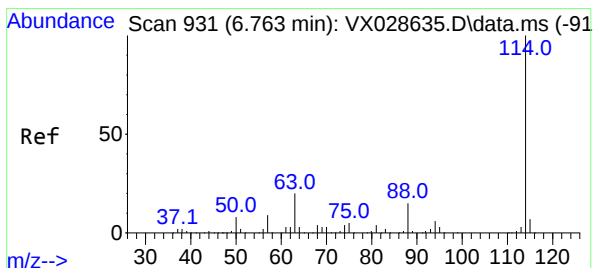
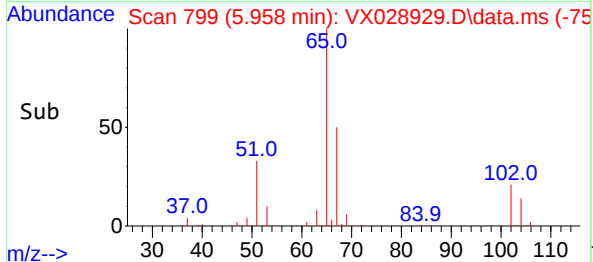
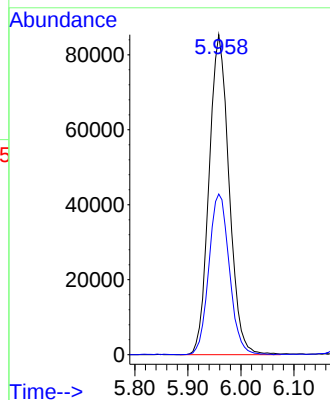
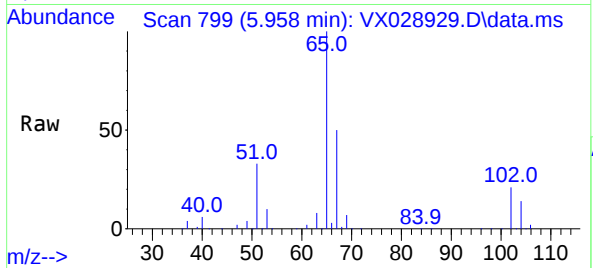
67 51.2 0.0 107.4

Manual Integrations

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Supervised By :Mahesh Dadoda 05/25/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028929.D

Acq: 24 May 2022 18:15

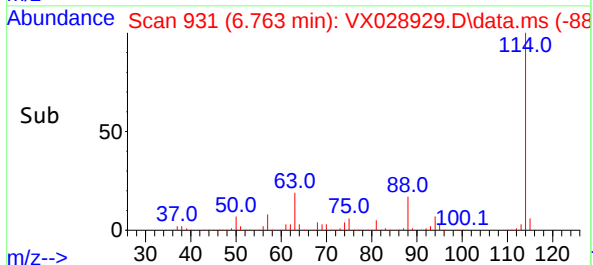
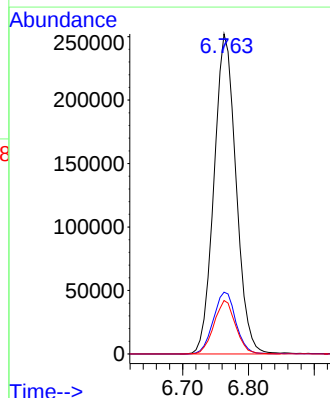
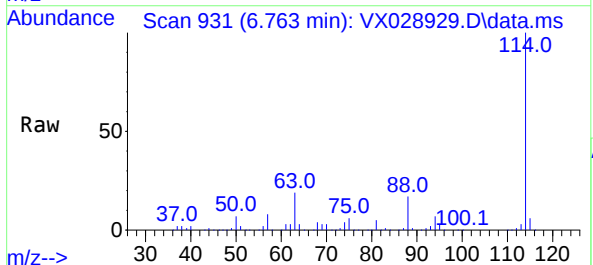
Tgt Ion:114 Resp: 587769

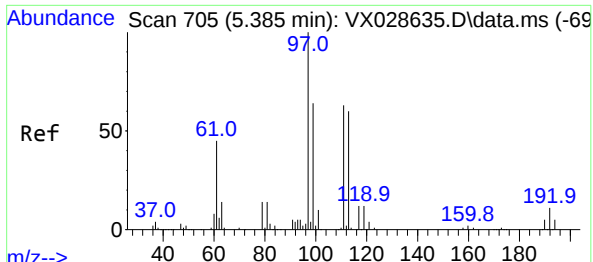
Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.8

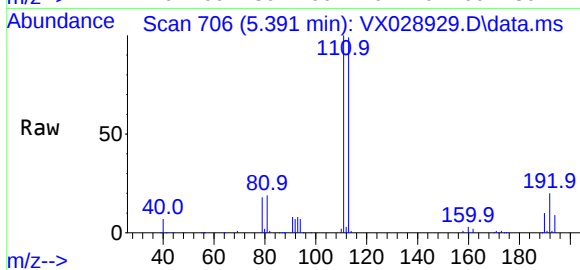
88 16.7 0.0 32.4





#35
Dibromofluoromethane
Concen: 50.258 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028929.D
Acq: 24 May 2022 18:15

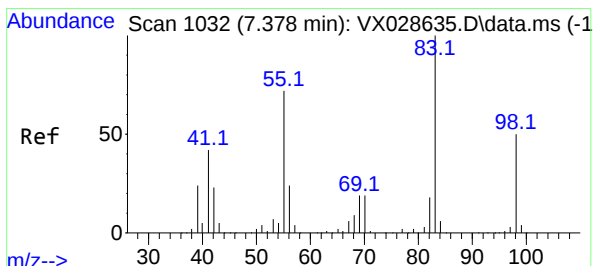
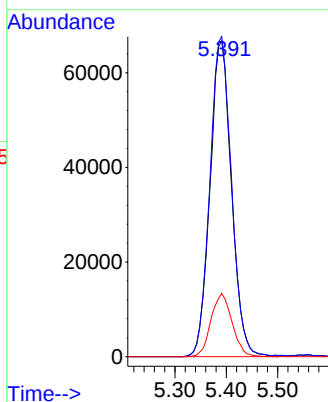
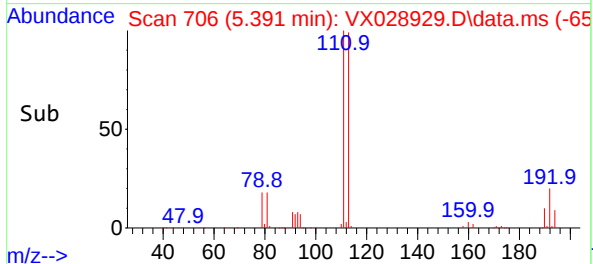
Instrument :
MSVOA_X
ClientSampleId :
DUP051822DL



Tgt Ion: 113 Resp: 193544
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 19.7 16.9 25.3

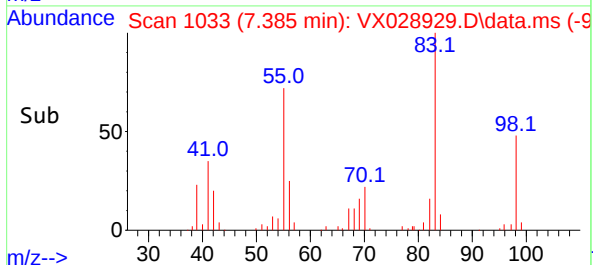
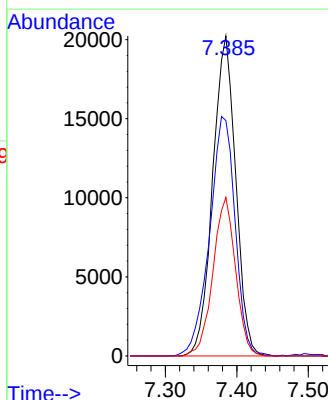
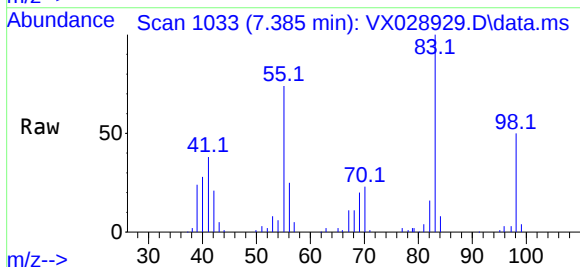
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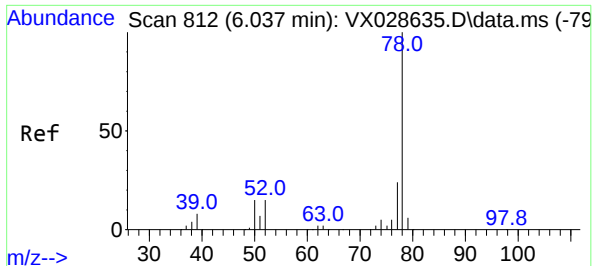
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#39
Methylcyclohexane
Concen: 6.822 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.007 min
Lab File: VX028929.D
Acq: 24 May 2022 18:15

Tgt Ion: 83 Resp: 45253
Ion Ratio Lower Upper
83 100
55 73.5 54.6 81.8
98 49.6 37.4 56.2





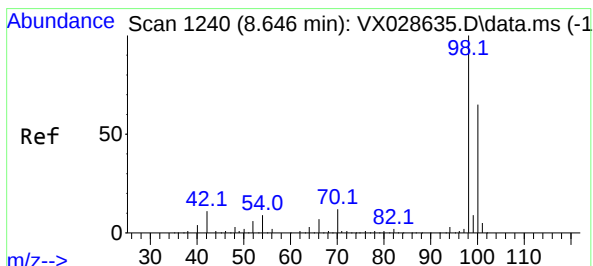
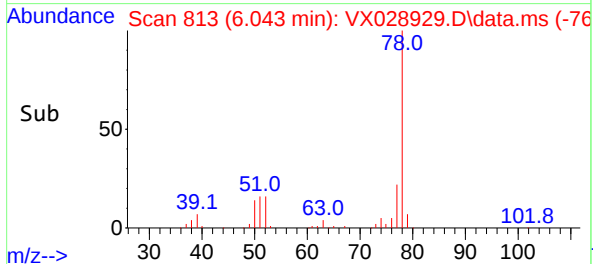
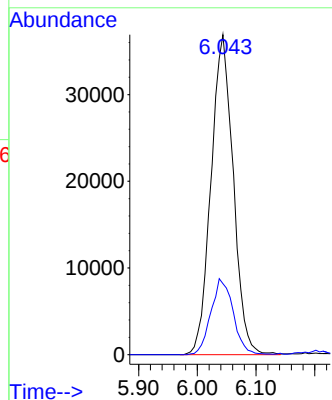
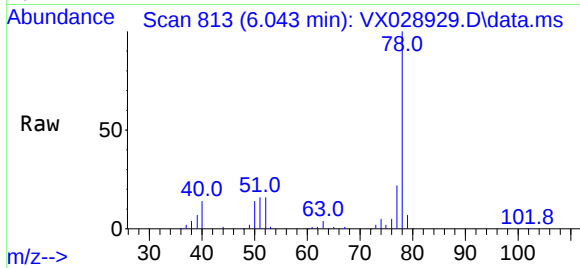
#40
Benzene
Concen: 5.839 ug/l
RT: 6.043 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX028929.D
Acq: 24 May 2022 18:15

Instrument :
MSVOA_X
ClientSampleId :
DUP051822DL

Tgt Ion: 78 Resp: 9705
Ion Ratio Lower Upper
78 100
77 22.2 19.3 28.9

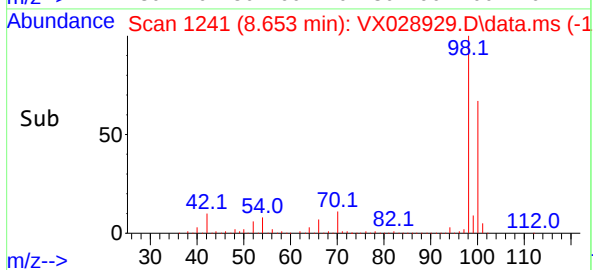
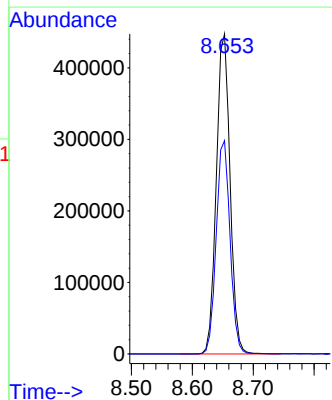
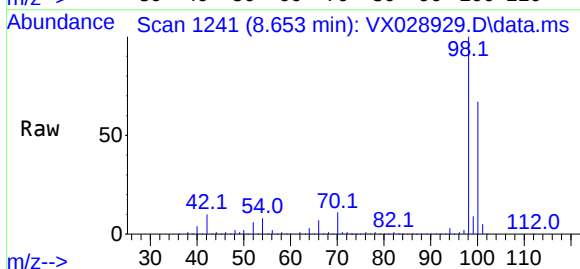
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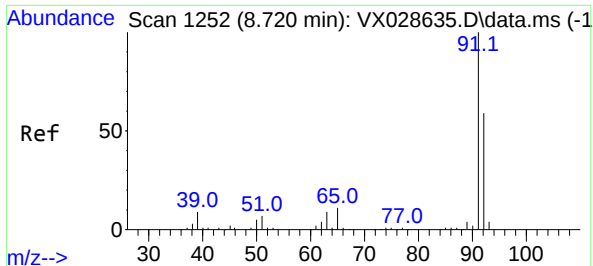
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#50
Toluene-d8
Concen: 48.120 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028929.D
Acq: 24 May 2022 18:15

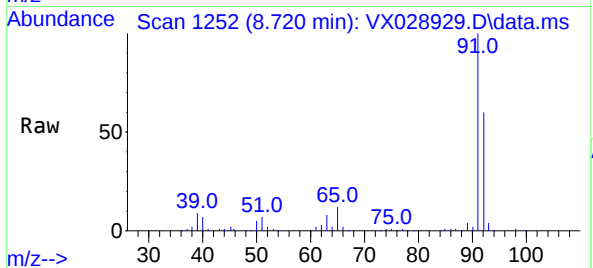
Tgt Ion: 98 Resp: 698653
Ion Ratio Lower Upper
98 100
100 67.1 52.6 78.8





#52
Toluene
Concen: 7.670 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028929.D
Acq: 24 May 2022 18:15

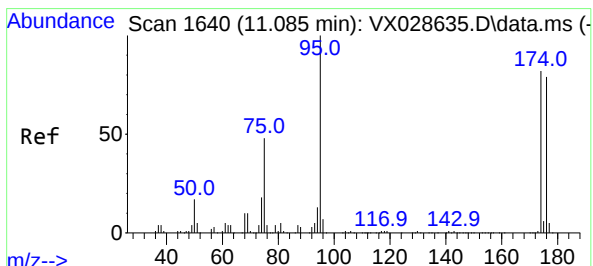
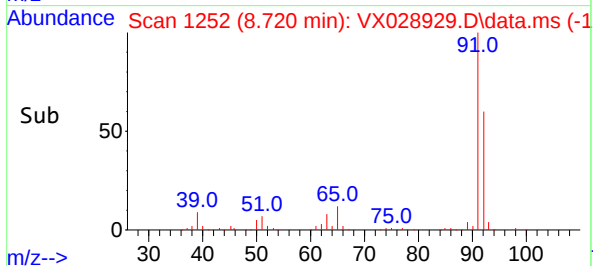
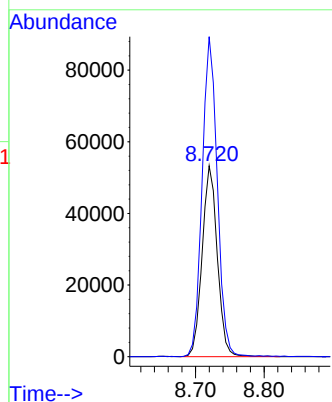
Instrument :
MSVOA_X
ClientSampleId :
DUP051822DL



Tgt Ion: 92 Resp: 82010
Ion Ratio Lower Upper
92 100
91 167.6 137.5 206.3

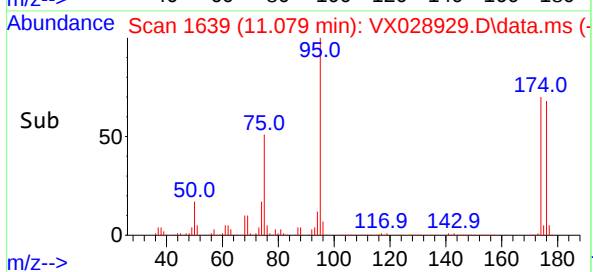
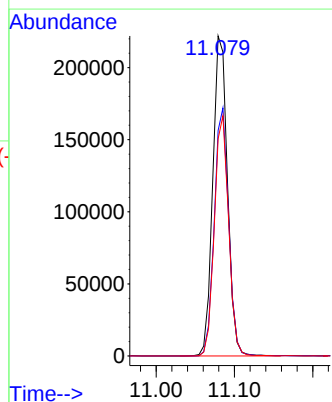
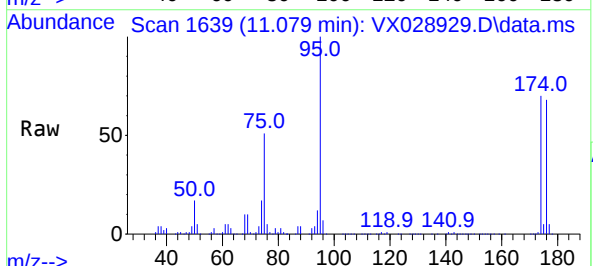
Manual Integrations
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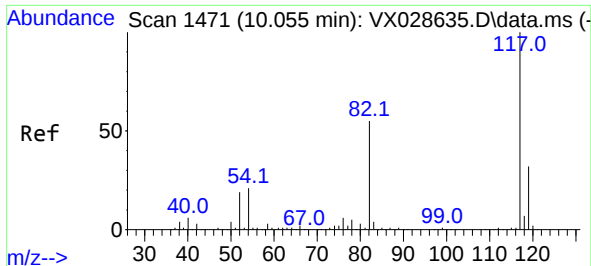
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#62
4-Bromofluorobenzene
Concen: 53.128 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028929.D
Acq: 24 May 2022 18:15

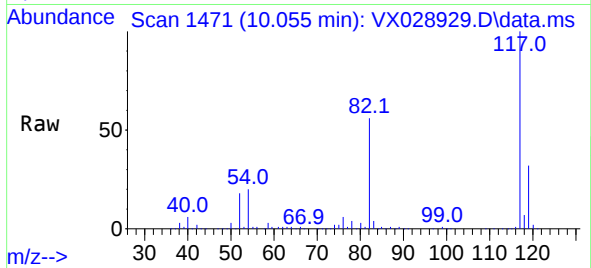
Tgt Ion: 95 Resp: 288109
Ion Ratio Lower Upper
95 100
174 75.8 0.0 163.0
176 73.1 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028929.D
Acq: 24 May 2022 18:15

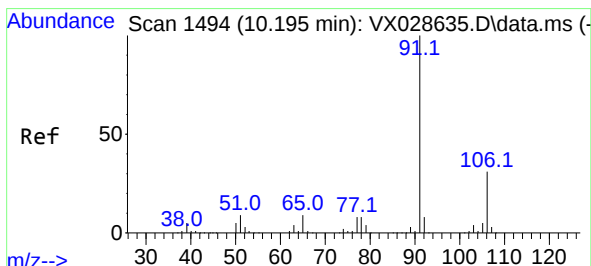
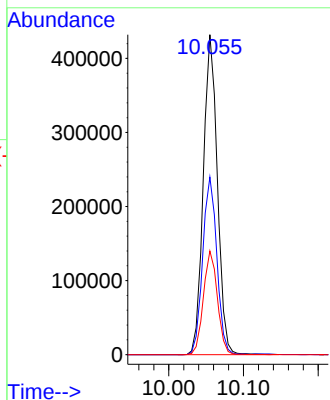
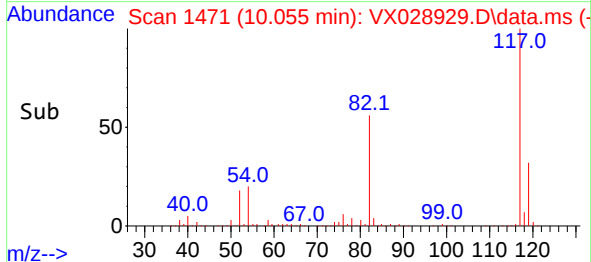
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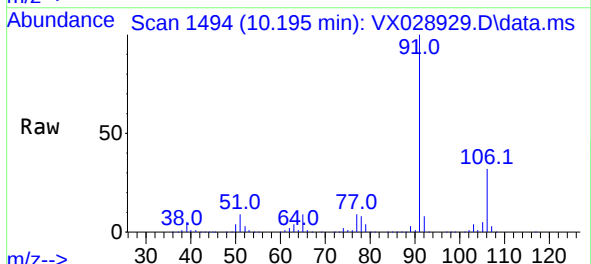
Tgt Ion:117 Resp: 564570
Ion Ratio Lower Upper
117 100
82 55.5 41.8 62.8
119 32.4 24.8 37.2

Manual Integrations
APPROVED

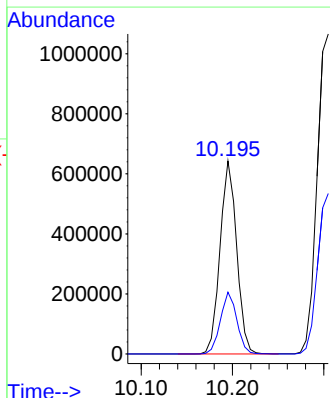
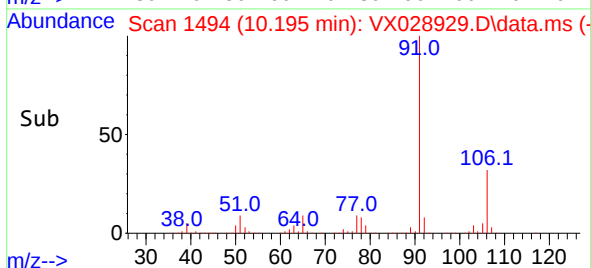
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

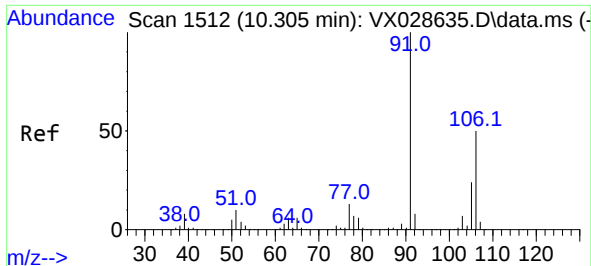


#67
Ethyl Benzene
Concen: 37.956 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028929.D
Acq: 24 May 2022 18:15



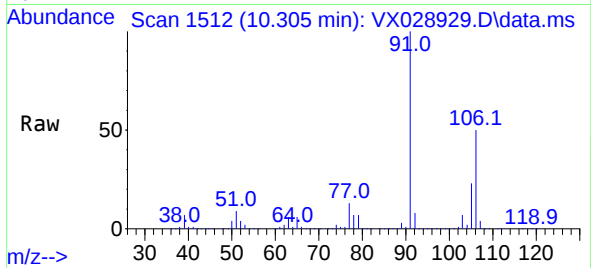
Tgt Ion: 91 Resp: 814818
Ion Ratio Lower Upper
91 100
106 32.1 24.6 36.8





#68
m/p-Xylenes
Concen: 86.431 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX028929.D
Acq: 24 May 2022 18:15

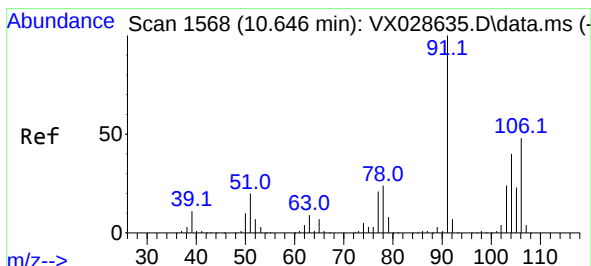
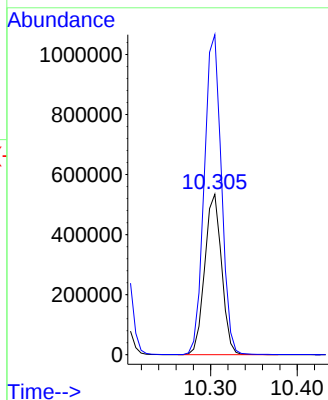
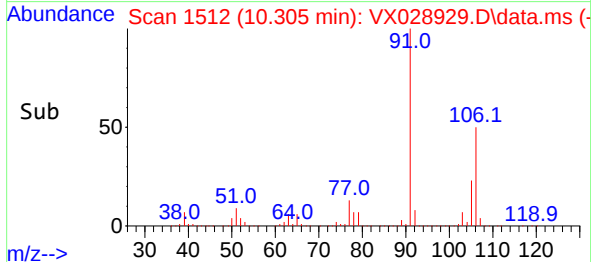
Instrument :
MSVOA_X
ClientSampleId :
DUP051822DL



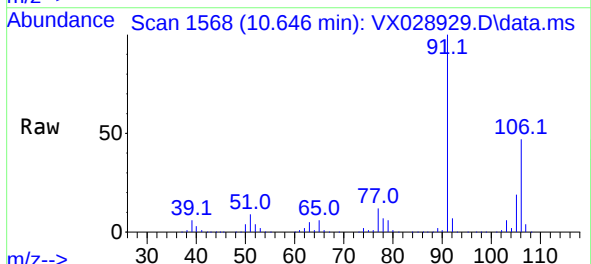
Tgt Ion:106 Resp: 722385
Ion Ratio Lower Upper
106 100
91 203.1 160.4 240.6

Manual Integrations
APPROVED

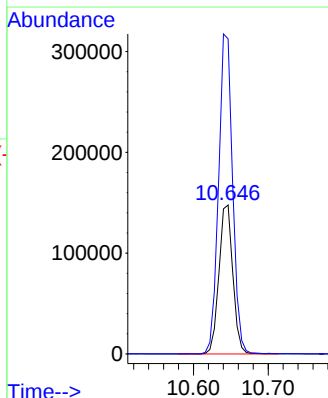
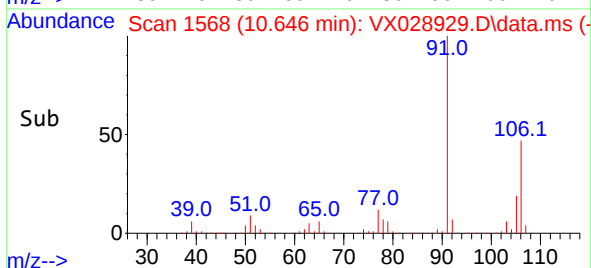
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

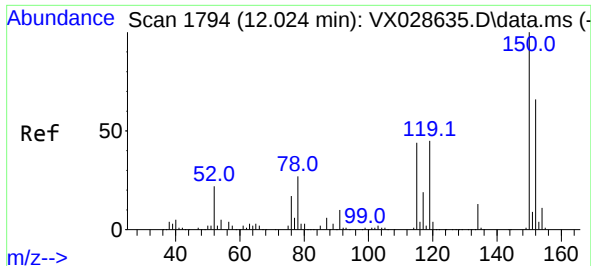


#69
o-Xylene
Concen: 23.247 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX028929.D
Acq: 24 May 2022 18:15



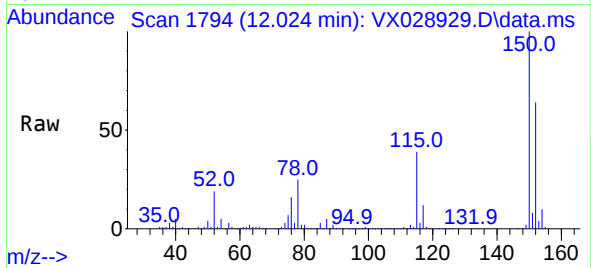
Tgt Ion:106 Resp: 191294
Ion Ratio Lower Upper
106 100
91 217.0 106.1 318.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028929.D
Acq: 24 May 2022 18:15

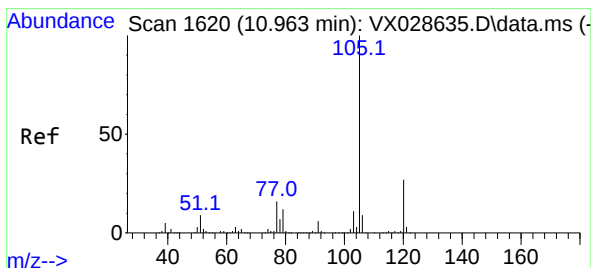
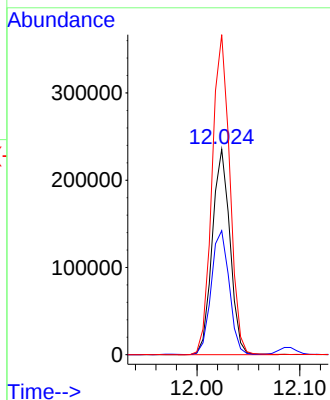
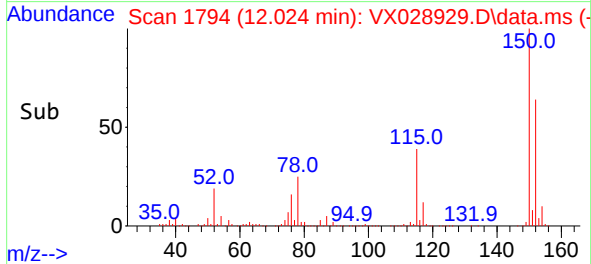
Instrument :
MSVOA_X
ClientSampleId :
DUP051822DL



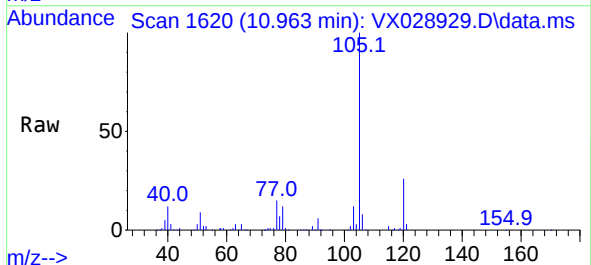
Tgt Ion:152 Resp: 280810
Ion Ratio Lower Upper
152 100
115 61.7 37.5 112.7
150 156.6 0.0 338.2

Manual Integrations
APPROVED

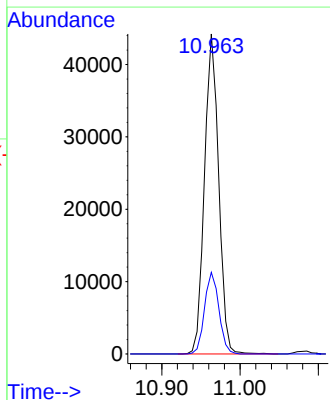
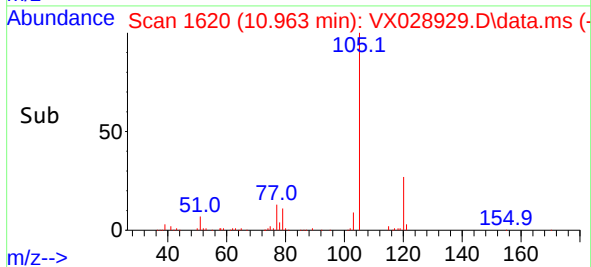
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

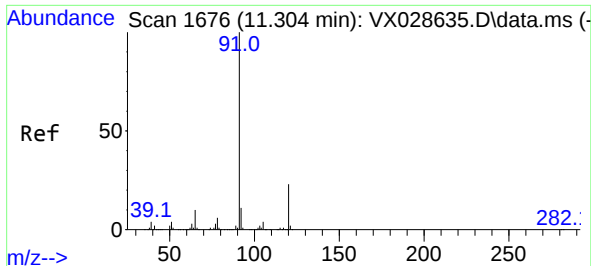


#73
Isopropylbenzene
Concen: 2.606 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028929.D
Acq: 24 May 2022 18:15



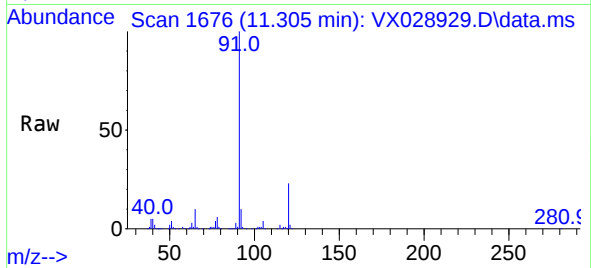
Tgt Ion:105 Resp: 55497
Ion Ratio Lower Upper
105 100
120 25.7 13.5 40.5





#78
n-propylbenzene
Concen: 6.545 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX028929.D
Acq: 24 May 2022 18:15

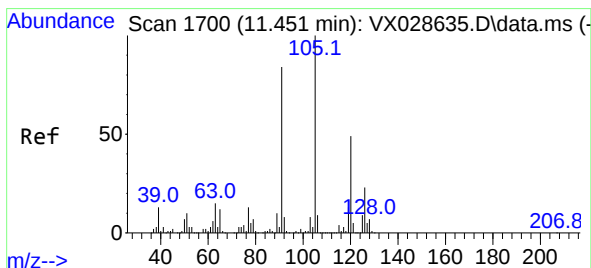
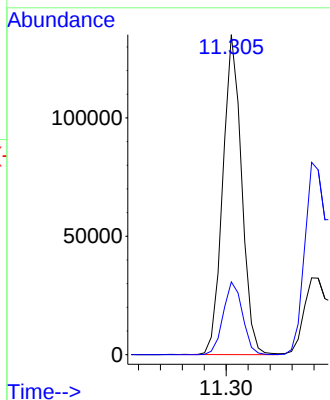
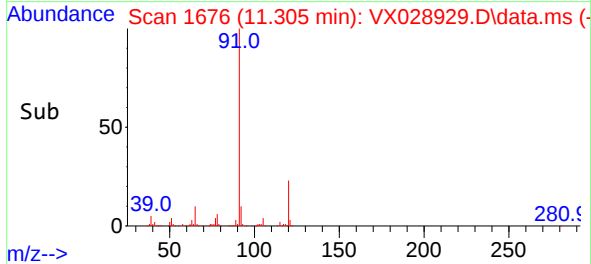
Instrument :
MSVOA_X
ClientSampleId :
DUP051822DL



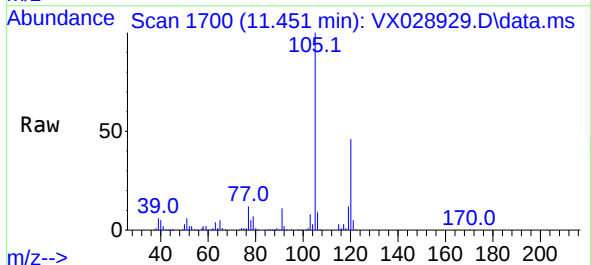
Tgt Ion: 91 Resp: 161210
Ion Ratio Lower Upper
91 100
120 23.3 11.6 34.8

Manual Integrations
APPROVED

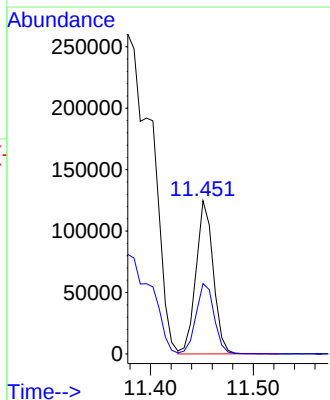
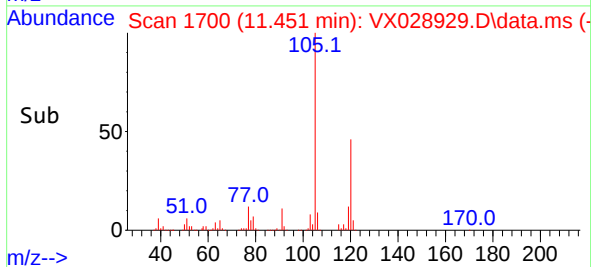
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

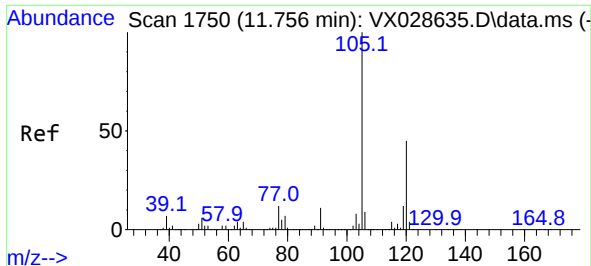


#80
1,3,5-Trimethylbenzene
Concen: 8.213 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX028929.D
Acq: 24 May 2022 18:15



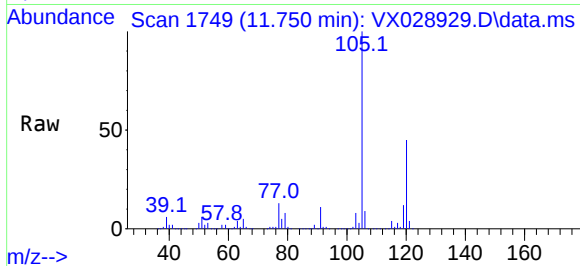
Tgt Ion:105 Resp: 145742
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.9





#84
1,2,4-Trimethylbenzene
Concen: 46.621 ug/l
RT: 11.750 min Scan# 1750
Delta R.T. -0.006 min
Lab File: VX028929.D
Acq: 24 May 2022 18:15

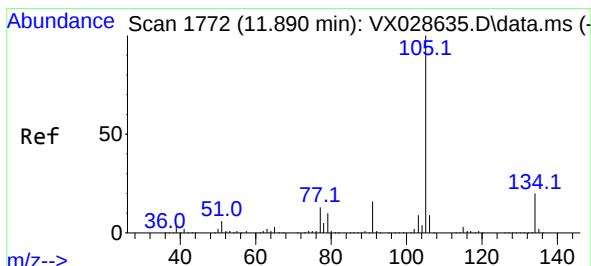
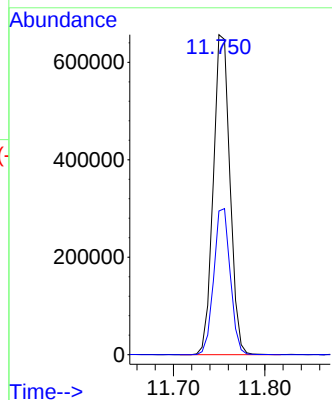
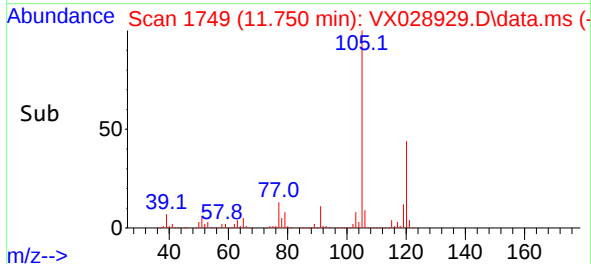
Instrument :
MSVOA_X
ClientSampleId :
DUP051822DL



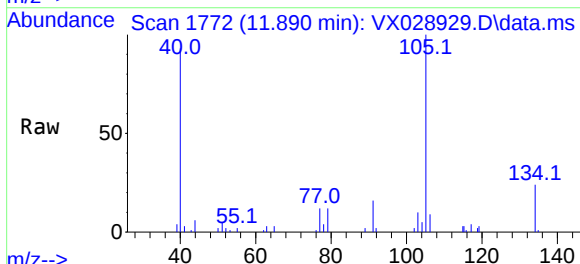
Tgt Ion:105 Resp: 829564
Ion Ratio Lower Upper
105 100
120 45.3 22.6 67.8

Manual Integrations
APPROVED

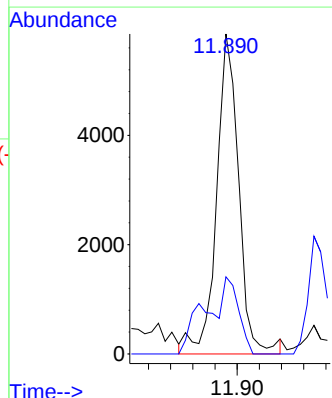
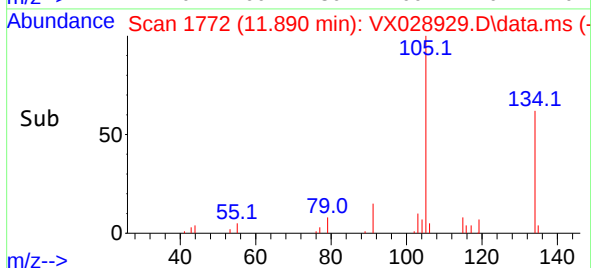
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

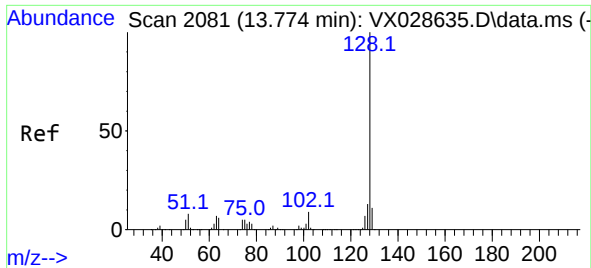


#85
sec-Butylbenzene
Concen: 0.384 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX028929.D
Acq: 24 May 2022 18:15



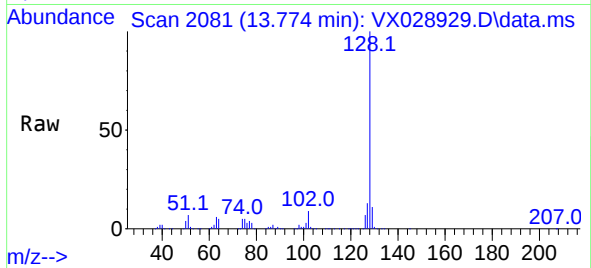
Tgt Ion:105 Resp: 8145
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#





#95
Naphthalene
Concen: 15.912 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX028929.D
Acq: 24 May 2022 18:15

Instrument :
MSVOA_X
ClientSampleId :
DUP051822DL



Tgt Ion:128 Resp: 31751
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.1 8.7 13.1

Manual Integrations
APPROVED

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

