

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021122\
 Data File : VX026968.D
 Acq On : 11 Feb 2022 15:42
 Operator : JC/MD
 Sample : N1467-05DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/15/2022
 Supervised By : Mahesh Dadoda 02/15/2022

Quant Time: Feb 14 07:19:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	114905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	192811	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	166455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73446	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75237	54.546	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.100%			
35) Dibromofluoromethane	5.397	113	61359	53.415	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.820%			
50) Toluene-d8	8.653	98	221239	52.468	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.940%			
62) 4-Bromofluorobenzene	11.085	95	78939	53.174	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.340%			
Target Compounds					Qvalue	
4) Vinyl Chloride	1.379	62	820	0.674	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	8196	5.769	ug/l	89
39) Methylcyclohexane	7.391	83	1037	0.467	ug/l #	84
44) Trichloroethene	7.128	130	1125	0.709	ug/l	89
52) Toluene	8.720	92	6224	1.861	ug/l	98
64) Tetrachloroethene	9.274	164	1239	0.741	ug/l	93
67) Ethyl Benzene	10.195	91	28652	4.703	ug/l	97
68) m/p-Xylenes	10.305	106	66135	28.213	ug/l	98
69) o-Xylene	10.646	106	43608	18.985	ug/l	97
73) Isopropylbenzene	10.963	105	16775	2.900	ug/l	98
78) n-propylbenzene	11.305	91	40531	6.320	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	157397	33.057	ug/l	99
83) tert-Butylbenzene	11.713	119	3152	0.695	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	481859	100.333	ug/l	97
85) sec-Butylbenzene	11.890	105	10855m	1.887	ug/l	
86) p-Isopropyltoluene	12.012	119	12744	2.615	ug/l	99
95) Naphthalene	13.780	128	20133	3.746	ug/l	99

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

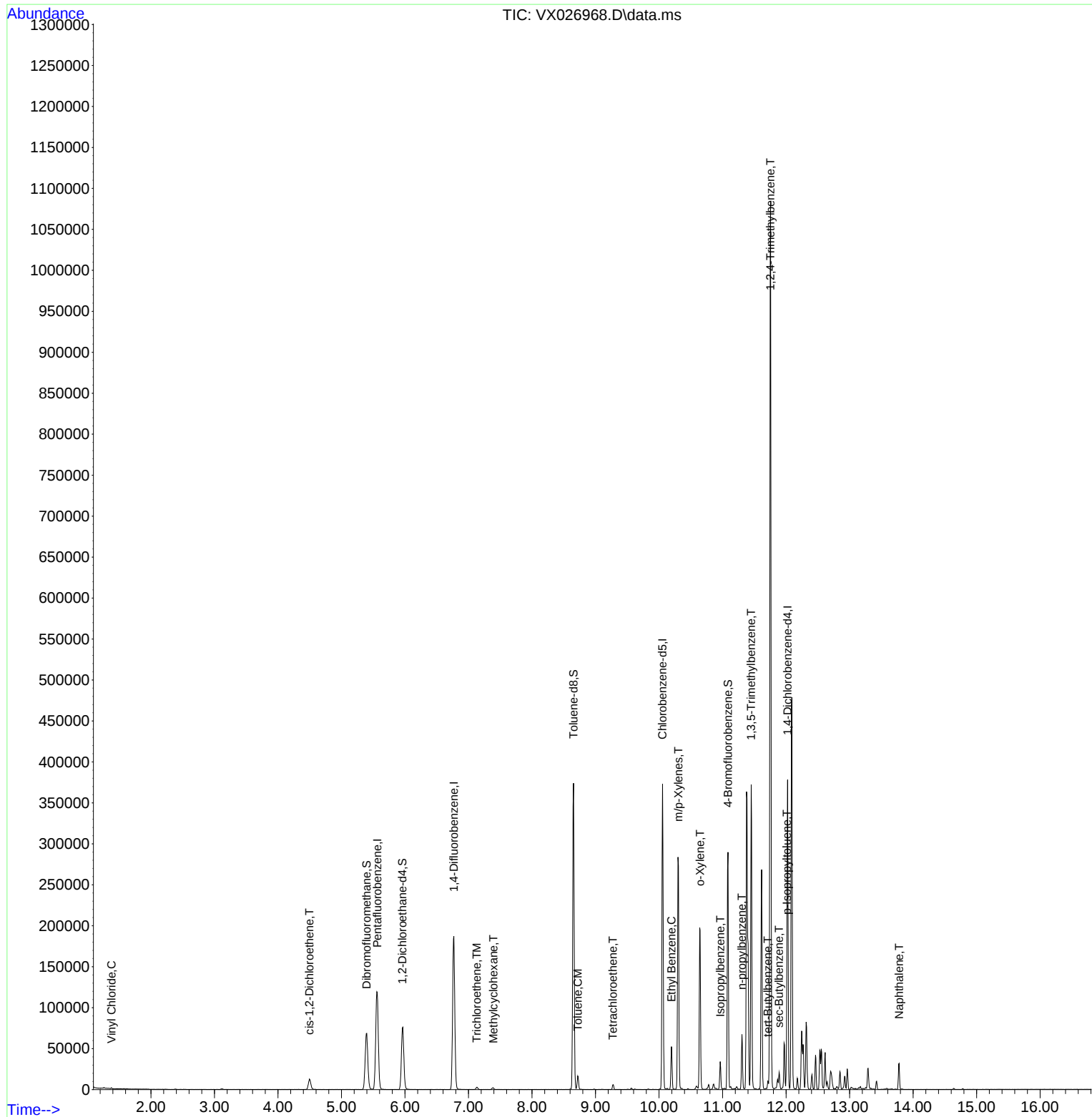
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021122\
Data File : VX026968.D
Acq On : 11 Feb 2022 15:42
Operator : JC/MD
Sample : N1467-05DL 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

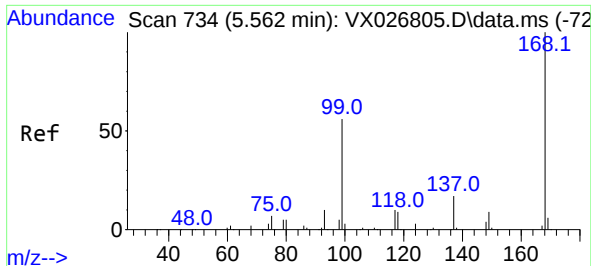
Instrument :
MSVOA_X
ClientSampleId :
MW-8DL

Quant Time: Feb 14 07:19:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

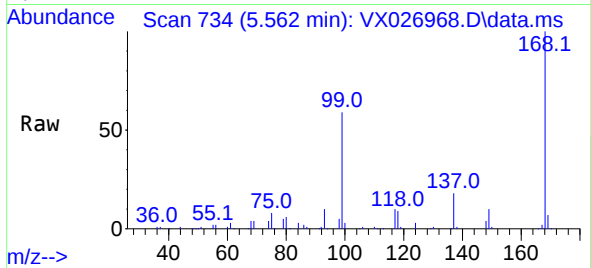
Reviewed By : John Carlone 02/15/2022
Supervised By : Mahesh Dadoda 02/15/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX026968.D
Acq: 11 Feb 2022 15:42

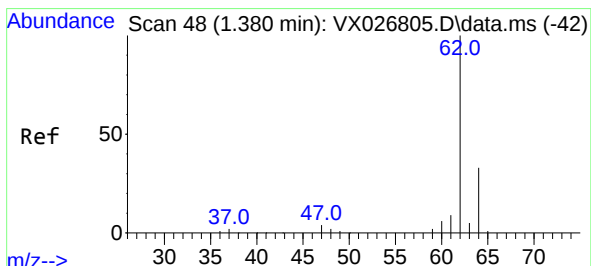
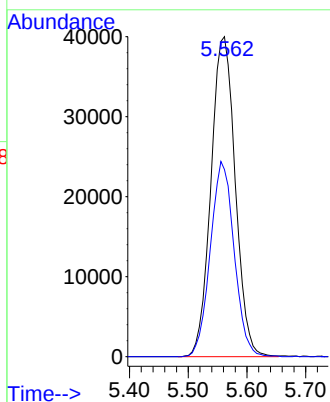
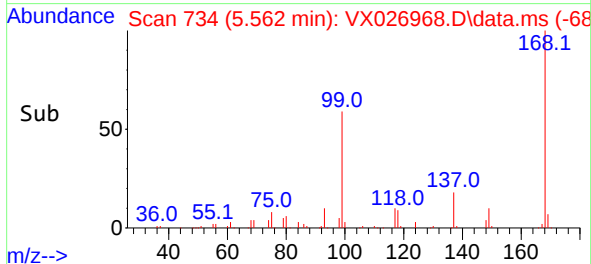
Instrument :
MSVOA_X
ClientSampleId :
MW-8DL



Tgt Ion:168 Resp: 11490
Ion Ratio Lower Upper
168 100
99 58.5 50.3 75.5

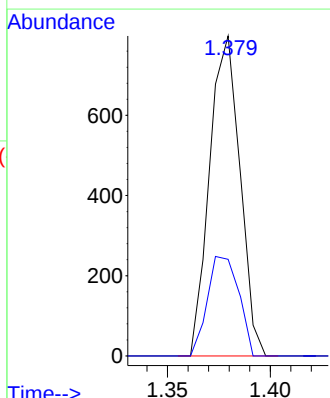
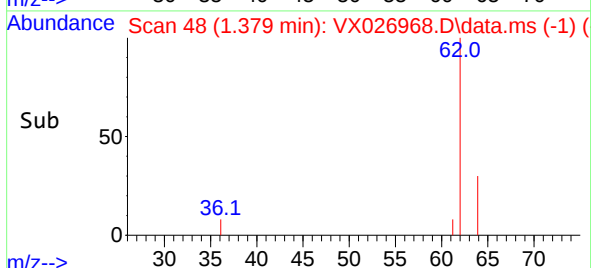
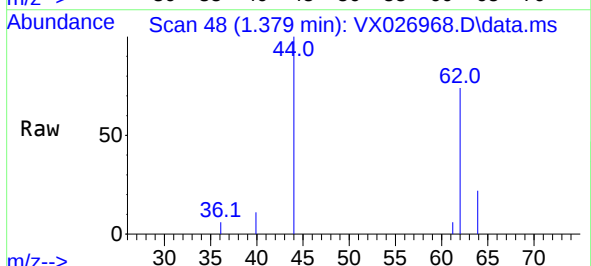
Manual Integrations
APPROVED

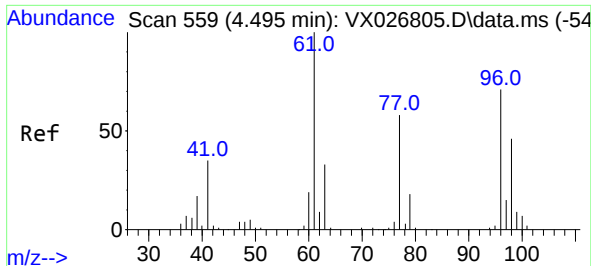
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#4
Vinyl Chloride
Concen: 0.674 ug/l
RT: 1.379 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX026968.D
Acq: 11 Feb 2022 15:42

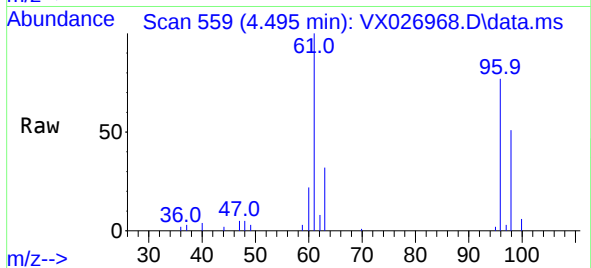
Tgt Ion: 62 Resp: 820
Ion Ratio Lower Upper
62 100
64 30.2 26.2 39.2





#27
cis-1,2-Dichloroethene
Concen: 5.769 ug/l
RT: 4.495 min Scan# 519
Delta R.T. -0.000 min
Lab File: VX026968.D
Acq: 11 Feb 2022 15:42

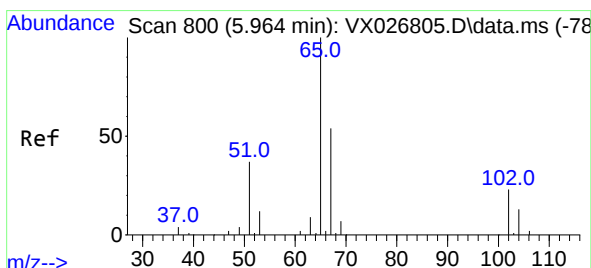
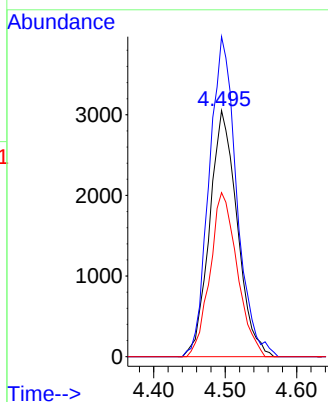
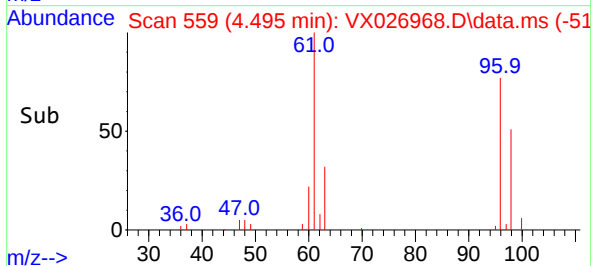
Instrument :
MSVOA_X
ClientSampleId :
MW-8DL



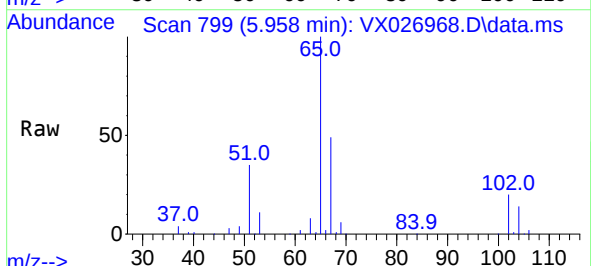
Tgt Ion: 96 Resp: 8190
Ion Ratio Lower Upper
96 100
61 129.3 0.0 296.6
98 65.4 0.0 128.8

Manual Integrations
APPROVED

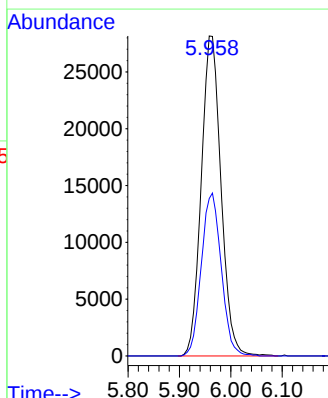
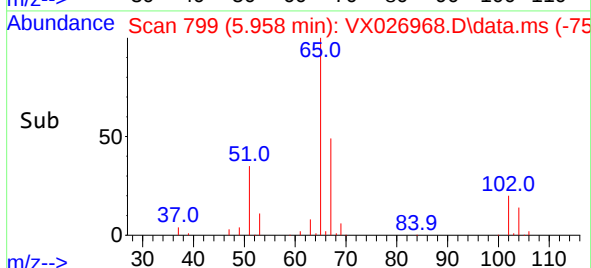
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

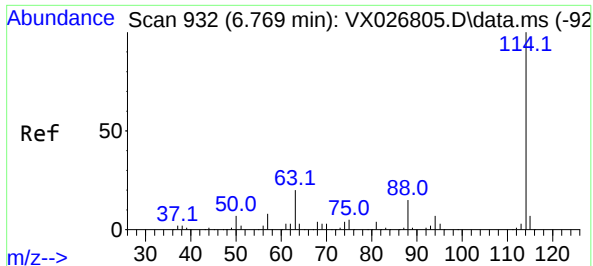


#33
1,2-Dichloroethane-d4
Concen: 54.546 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026968.D
Acq: 11 Feb 2022 15:42



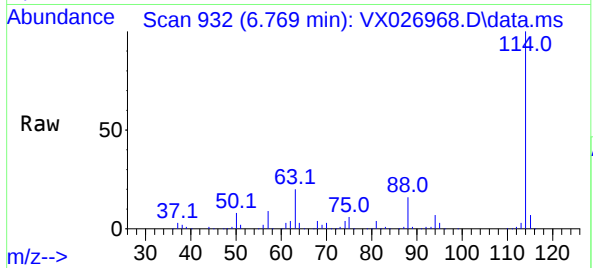
Tgt Ion: 65 Resp: 75237
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX026968.D
Acq: 11 Feb 2022 15:42

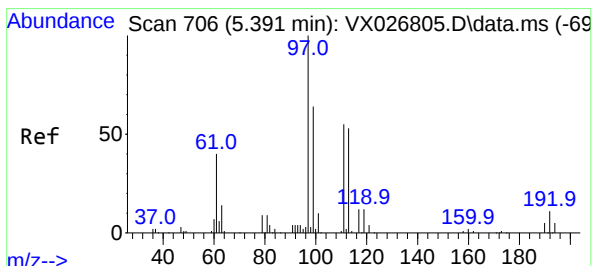
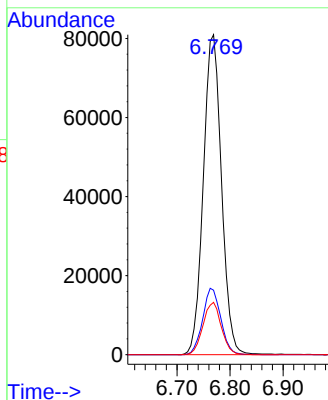
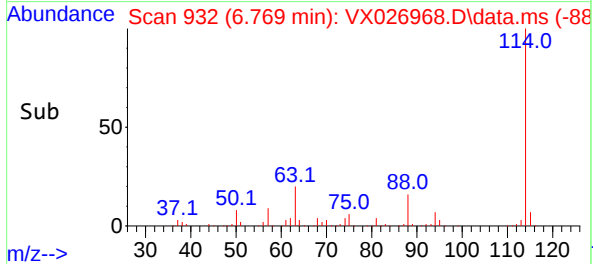
Instrument :
MSVOA_X
ClientSampleId :
MW-8DL



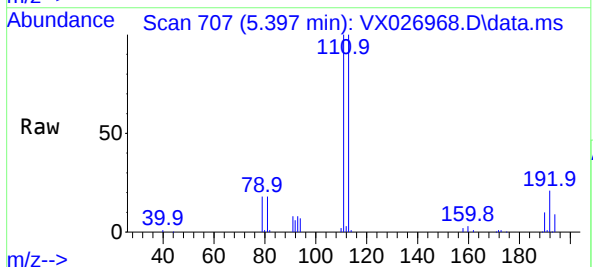
Tgt Ion:114 Resp: 19281
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.8
88 16.4 0.0 33.0

Manual Integrations
APPROVED

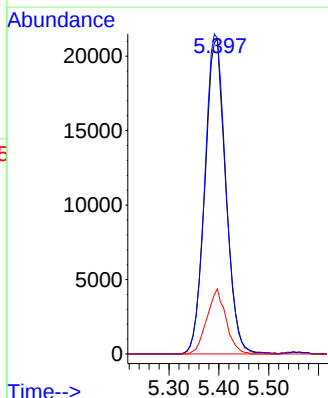
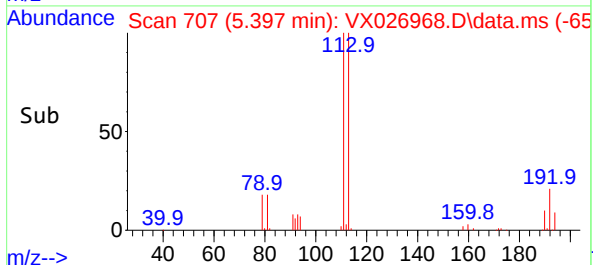
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

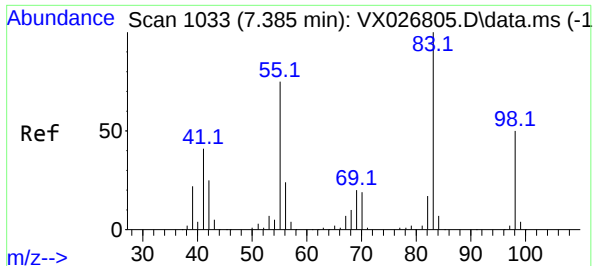


#35
Dibromofluoromethane
Concen: 53.415 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX026968.D
Acq: 11 Feb 2022 15:42



Tgt Ion:113 Resp: 61359
Ion Ratio Lower Upper
113 100
111 102.0 81.2 121.8
192 18.9 15.0 22.4





#39

Methylcyclohexane

Concen: 0.467 ug/l

RT: 7.391 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VX026968.D

Acq: 11 Feb 2022 15:42

Instrument :

MSVOA_X

ClientSampleId :

MW-8DL

Tgt Ion: 83 Resp: 1033

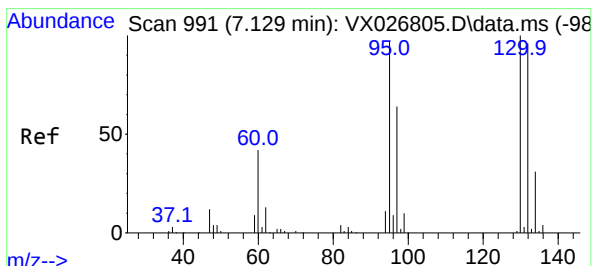
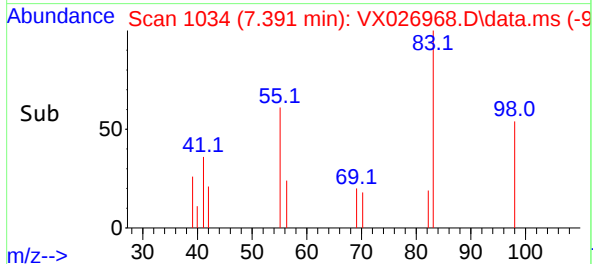
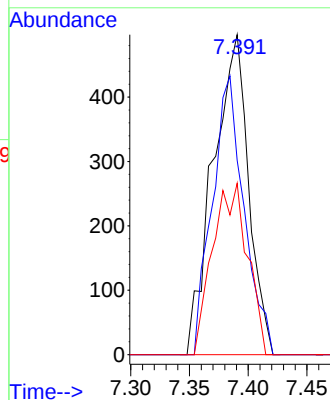
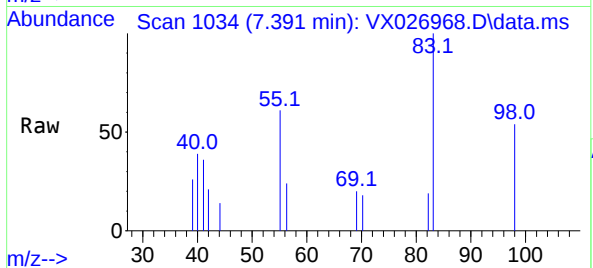
Ion	Ratio	Lower	Upper
83	100		
55	60.8	63.6	95.4
98	53.5	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/15/2022

Supervised By :Mahesh Dadoda 02/15/2022



#44

Trichloroethene

Concen: 0.709 ug/l

RT: 7.128 min Scan# 991

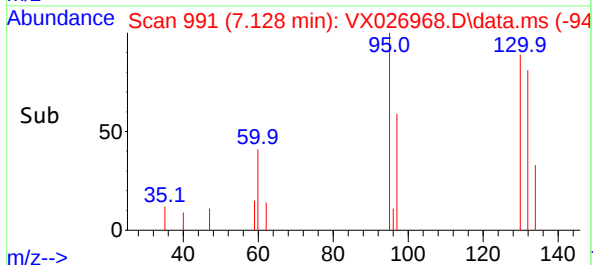
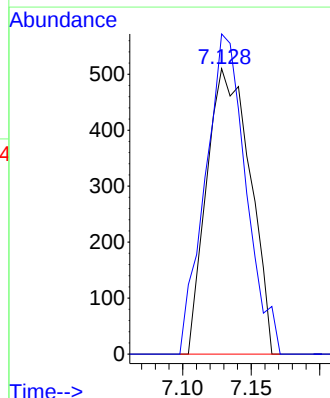
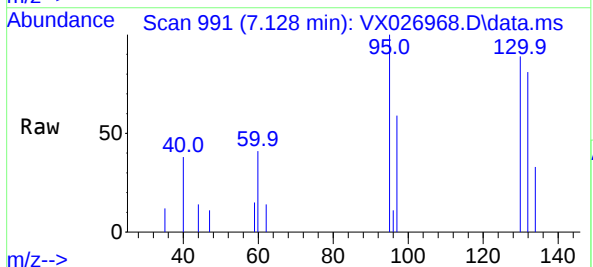
Delta R.T. -0.000 min

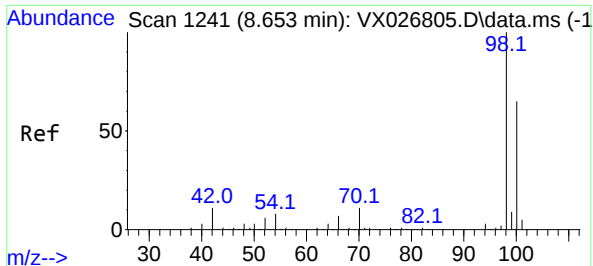
Lab File: VX026968.D

Acq: 11 Feb 2022 15:42

Tgt Ion:130 Resp: 1125

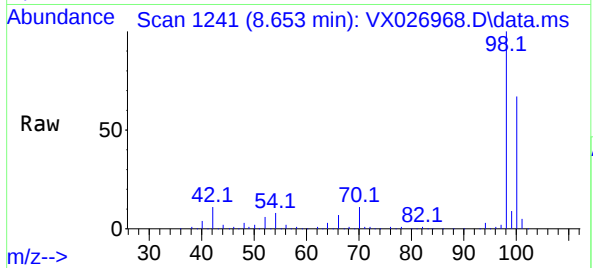
Ion	Ratio	Lower	Upper
130	100		
95	112.2	0.0	202.6





#50
Toluene-d8
Concen: 52.468 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026968.D
Acq: 11 Feb 2022 15:42

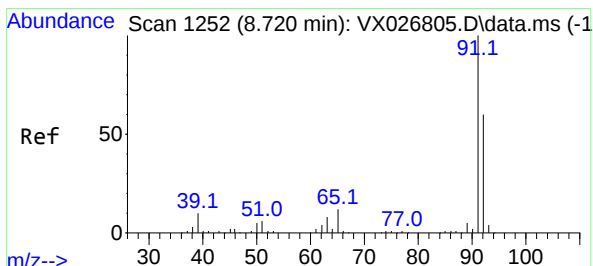
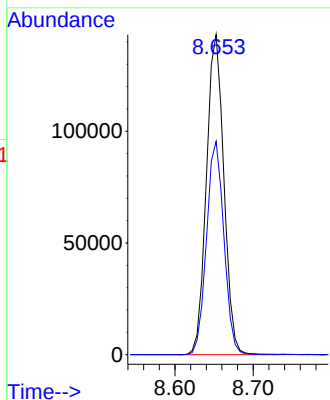
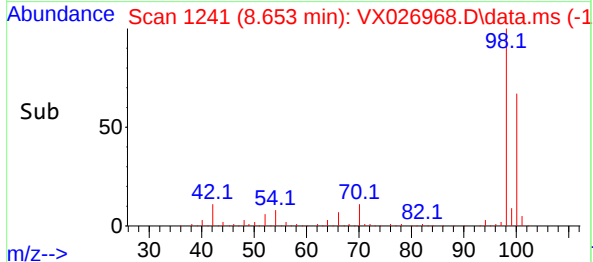
Instrument :
MSVOA_X
ClientSampleId :
MW-8DL



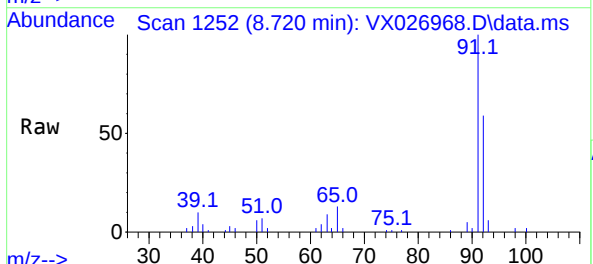
Tgt Ion: 98 Resp: 221239
Ion Ratio Lower Upper
98 100
100 66.5 53.2 79.8

Manual Integrations
APPROVED

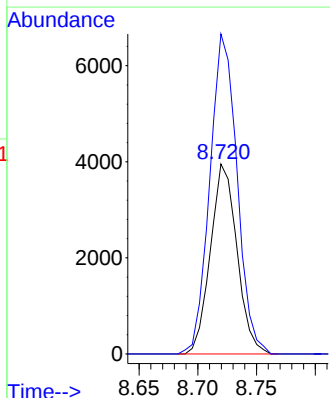
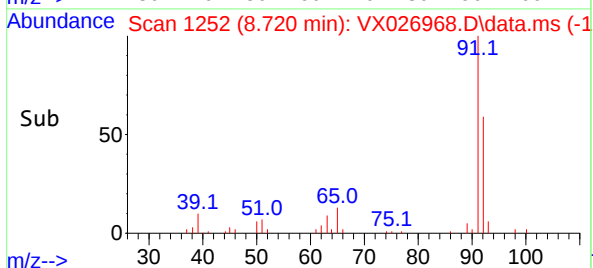
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

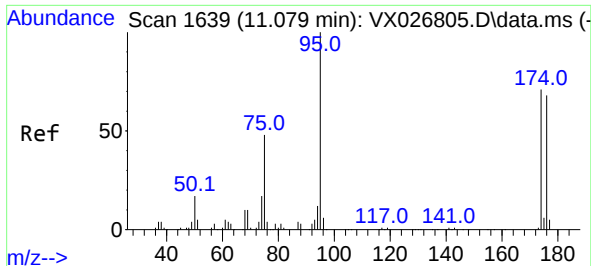


#52
Toluene
Concen: 1.861 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX026968.D
Acq: 11 Feb 2022 15:42



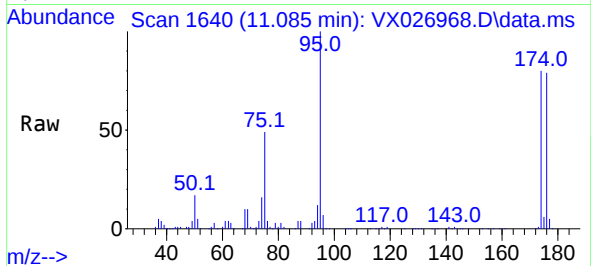
Tgt Ion: 92 Resp: 6224
Ion Ratio Lower Upper
92 100
91 172.7 135.7 203.5





#62
4-Bromofluorobenzene
Concen: 53.174 ug/l
RT: 11.085 min Scan# 1639
Delta R.T. 0.006 min
Lab File: VX026968.D
Acq: 11 Feb 2022 15:42

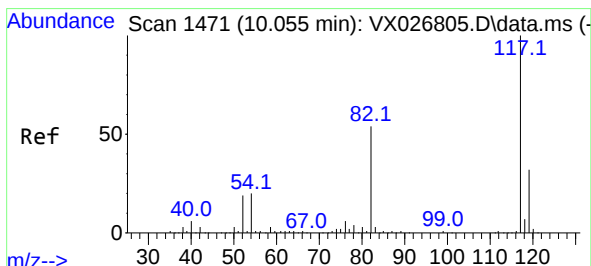
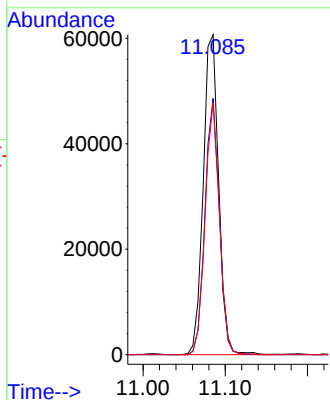
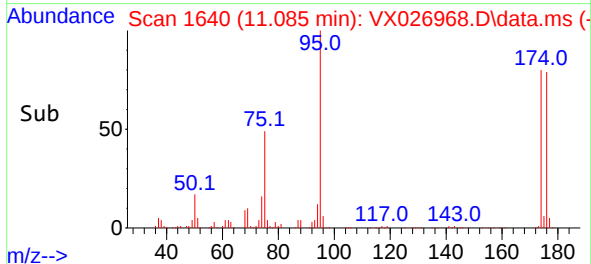
Instrument :
MSVOA_X
ClientSampleId :
MW-8DL



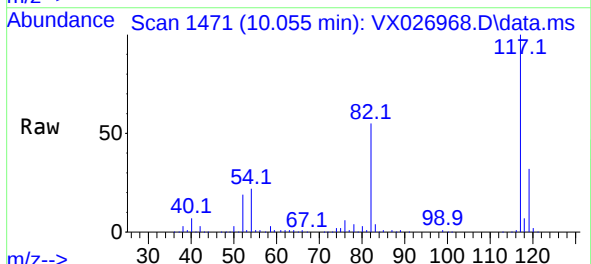
Tgt Ion: 95 Resp: 78939
Ion Ratio Lower Upper
95 100
174 75.2 0.0 148.6
176 73.2 0.0 141.4

Manual Integrations
APPROVED

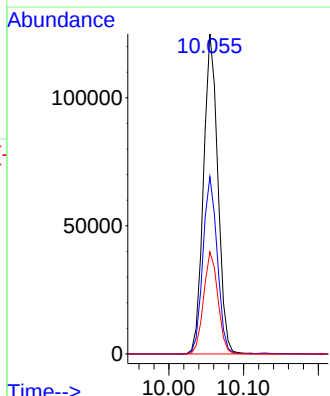
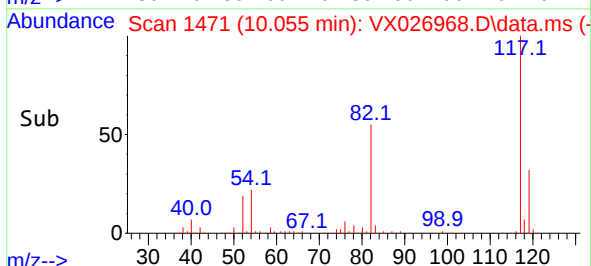
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

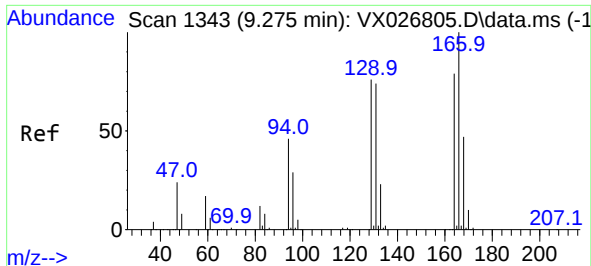


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026968.D
Acq: 11 Feb 2022 15:42



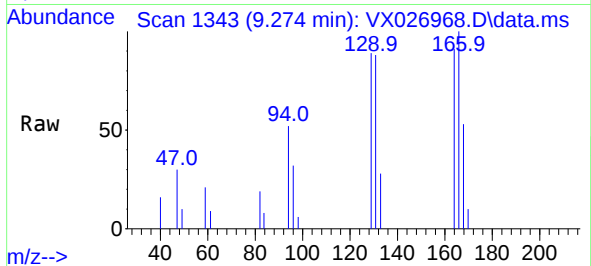
Tgt Ion:117 Resp: 166455
Ion Ratio Lower Upper
117 100
82 55.4 45.2 67.8
119 31.9 26.2 39.2





#64
Tetrachloroethene
Concen: 0.741 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026968.D
Acq: 11 Feb 2022 15:42

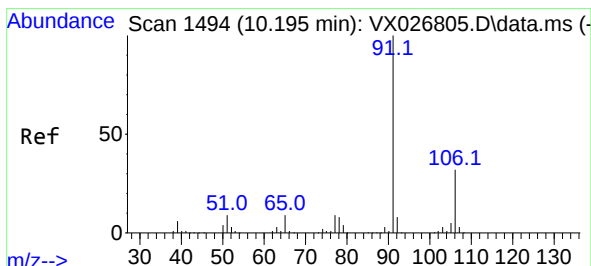
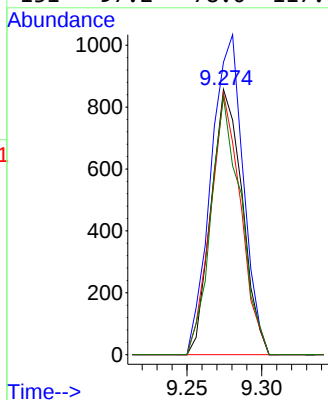
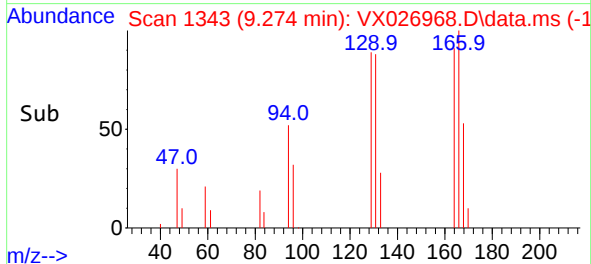
Instrument :
MSVOA_X
ClientSampleId :
MW-8DL



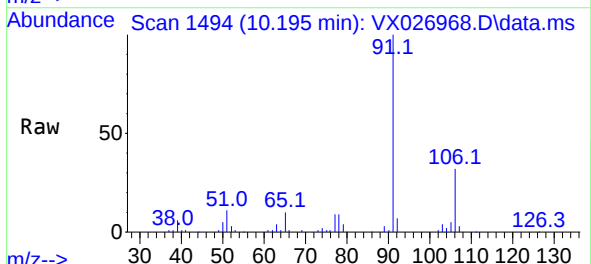
Tgt Ion:164 Resp: 1239
Ion Ratio Lower Upper
164 100
166 110.3 101.8 152.6
129 98.6 83.3 124.9
131 97.2 78.0 117.0

Manual Integrations
APPROVED

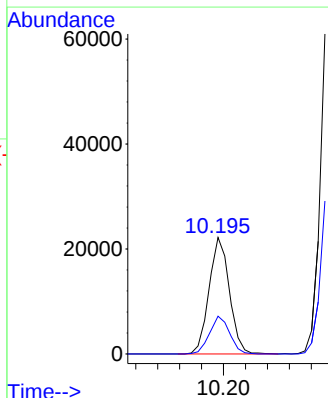
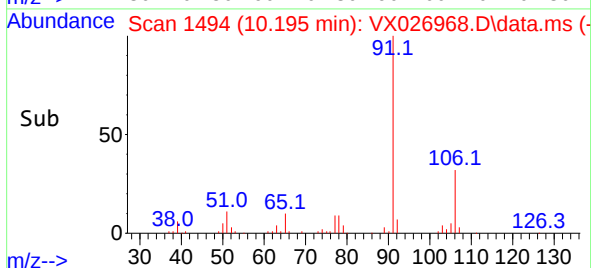
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

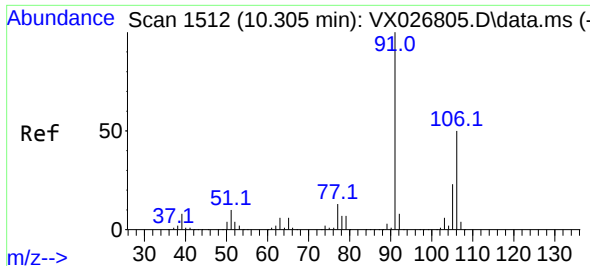


#67
Ethyl Benzene
Concen: 4.703 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX026968.D
Acq: 11 Feb 2022 15:42



Tgt Ion: 91 Resp: 28652
Ion Ratio Lower Upper
91 100
106 32.4 24.7 37.1





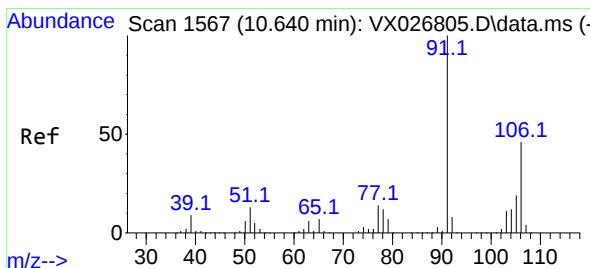
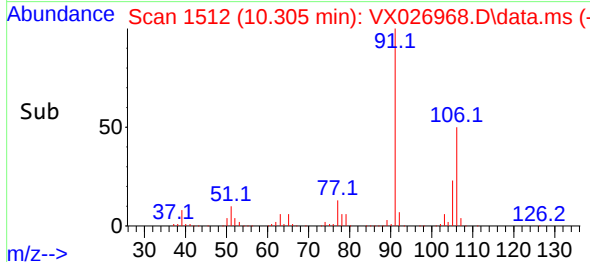
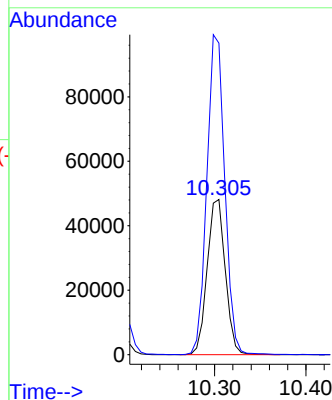
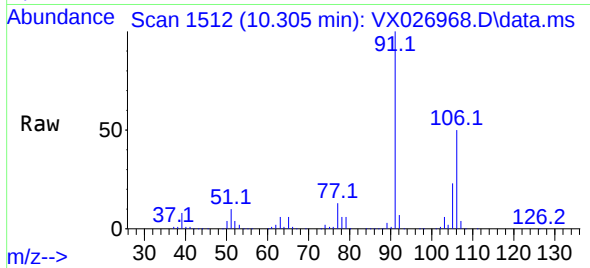
#68
m/p-Xylenes
Concen: 28.213 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX026968.D
Acq: 11 Feb 2022 15:42

Instrument :
MSVOA_X
ClientSampleId :
MW-8DL

Tgt Ion:106 Resp: 6613
Ion Ratio Lower Upper
106 100
91 204.0 165.3 247.9

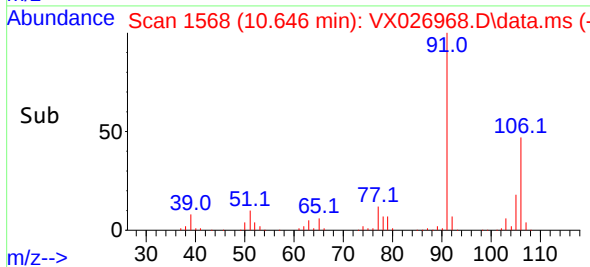
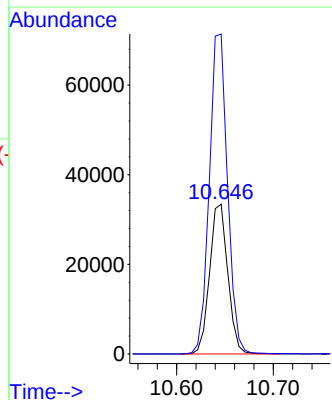
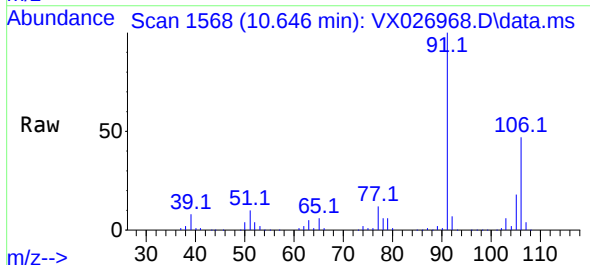
Manual Integrations
APPROVED

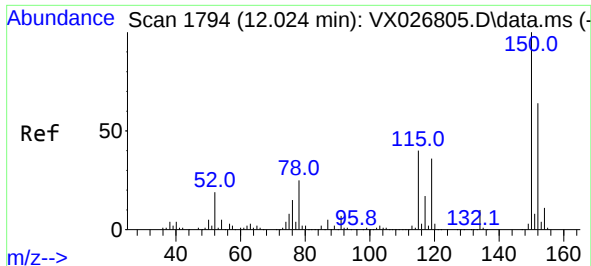
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#69
o-Xylene
Concen: 18.985 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX026968.D
Acq: 11 Feb 2022 15:42

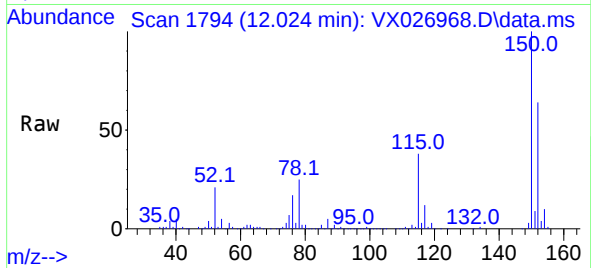
Tgt Ion:106 Resp: 43608
Ion Ratio Lower Upper
106 100
91 214.1 109.7 329.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX026968.D
Acq: 11 Feb 2022 15:42

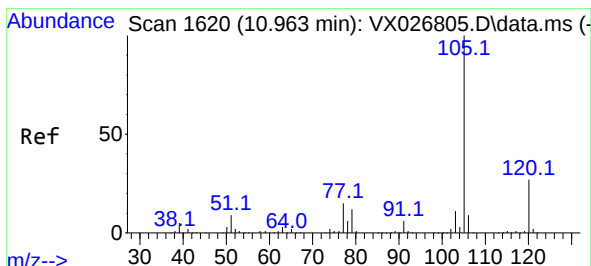
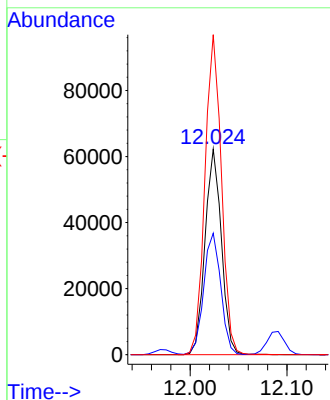
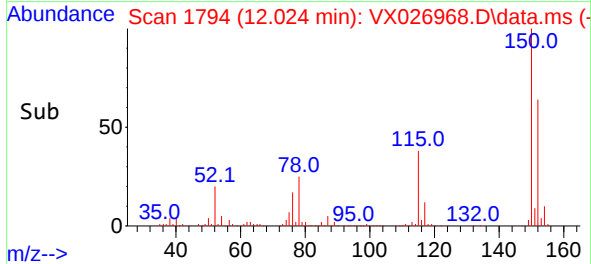
Instrument :
MSVOA_X
ClientSampleId :
MW-8DL



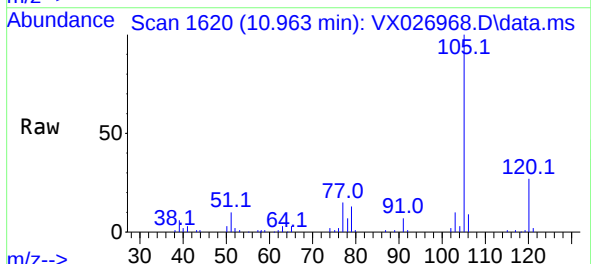
Tgt Ion:152 Resp: 73440
Ion Ratio Lower Upper
152 100
115 61.7 44.2 132.6
150 156.4 0.0 348.2

Manual Integrations
APPROVED

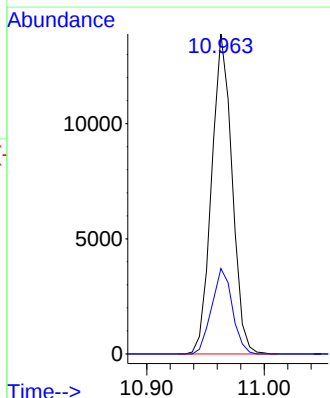
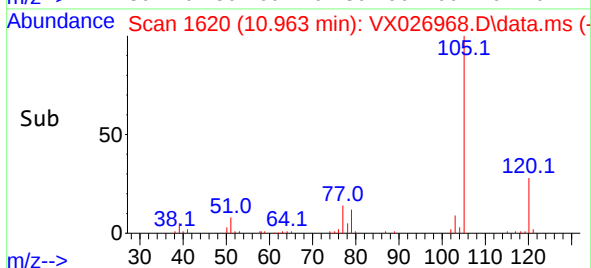
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

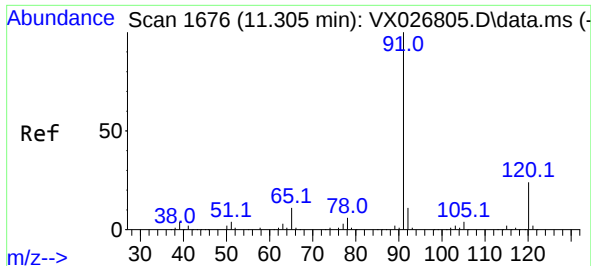


#73
Isopropylbenzene
Concen: 2.900 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX026968.D
Acq: 11 Feb 2022 15:42



Tgt Ion:105 Resp: 16775
Ion Ratio Lower Upper
105 100
120 27.0 13.1 39.1





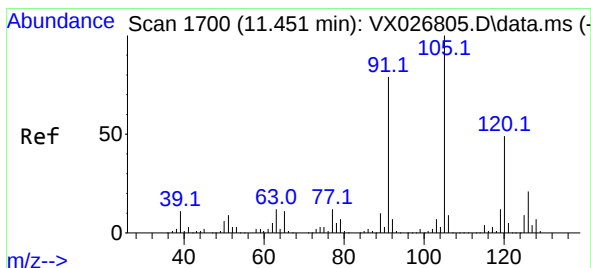
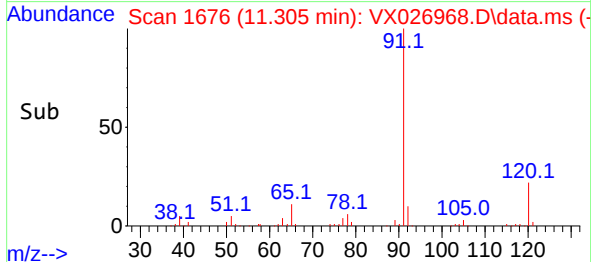
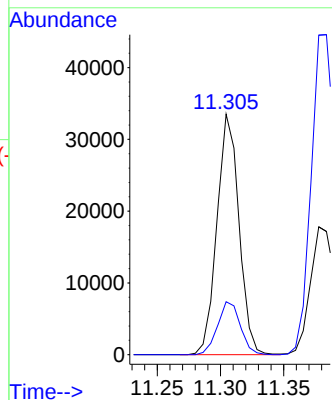
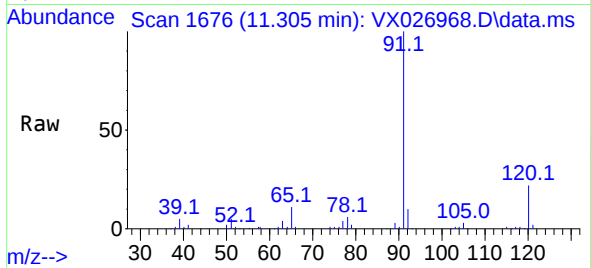
#78
n-propylbenzene
Concen: 6.320 ug/l
RT: 11.305 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX026968.D
Acq: 11 Feb 2022 15:42

Instrument :
MSVOA_X
ClientSampleId :
MW-8DL

Tgt Ion: 91 Resp: 4053
Ion Ratio Lower Upper
91 100
120 22.7 11.6 34.7

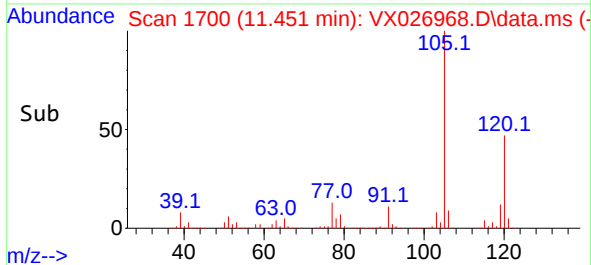
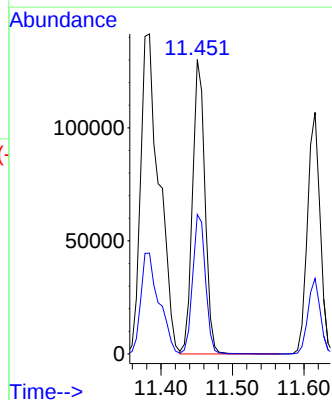
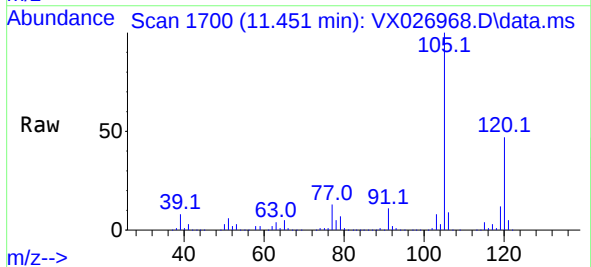
Manual Integrations
APPROVED

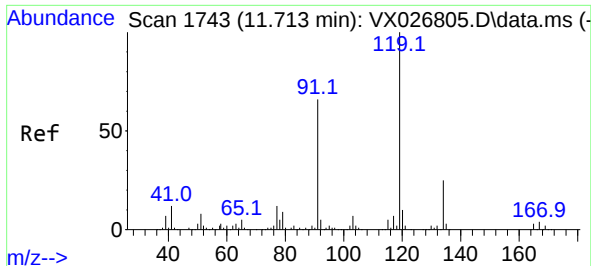
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022



#80
1,3,5-Trimethylbenzene
Concen: 33.057 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX026968.D
Acq: 11 Feb 2022 15:42

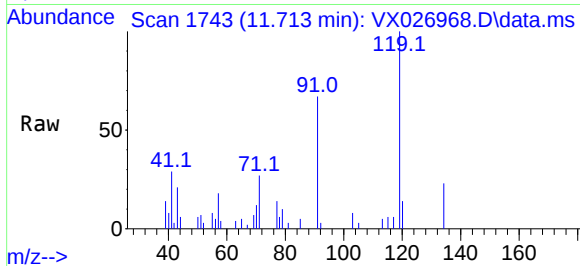
Tgt Ion:105 Resp: 157397
Ion Ratio Lower Upper
105 100
120 48.7 24.0 72.0





#83
tert-Butylbenzene
Concen: 0.695 ug/l
RT: 11.713 min Scan# 1175
Delta R.T. -0.000 min
Lab File: VX026968.D
Acq: 11 Feb 2022 15:42

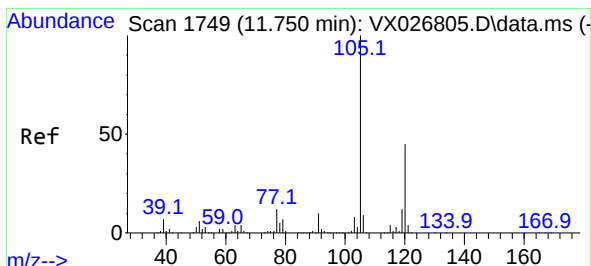
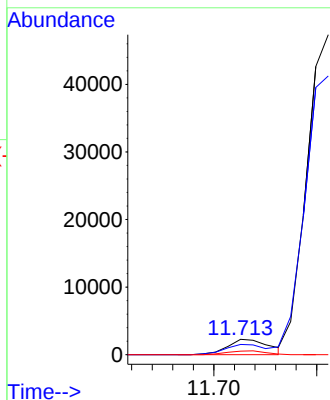
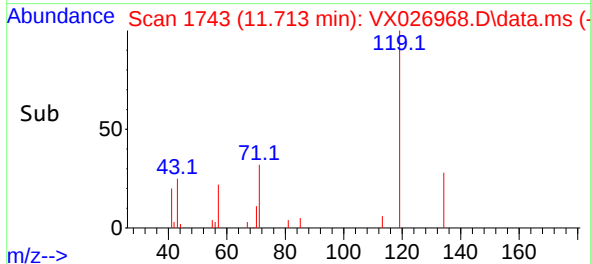
Instrument :
MSVOA_X
ClientSampleId :
MW-8DL



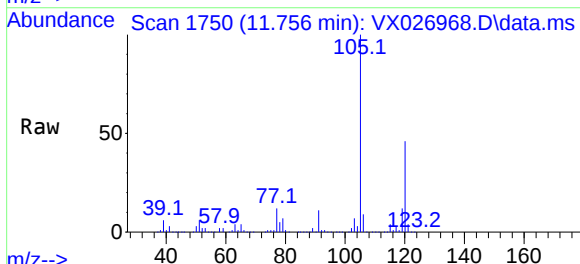
Tgt Ion:119 Resp: 3152
Ion Ratio Lower Upper
119 100
91 62.3 31.4 94.0
134 22.7 11.8 35.3

Manual Integrations
APPROVED

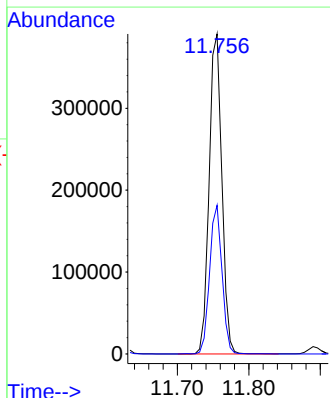
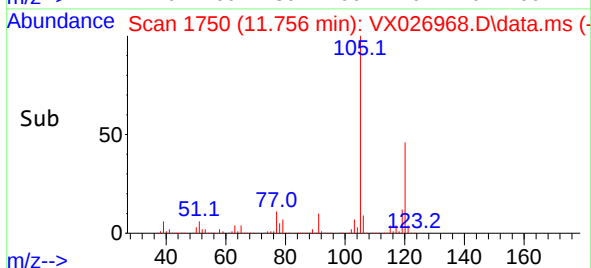
Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

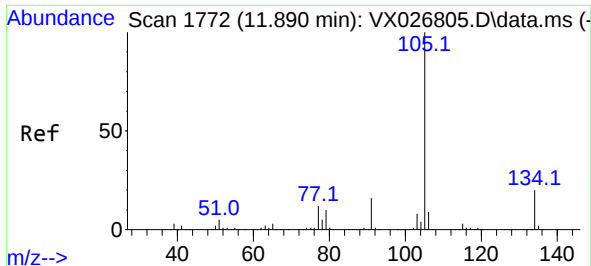


#84
1,2,4-Trimethylbenzene
Concen: 100.333 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX026968.D
Acq: 11 Feb 2022 15:42



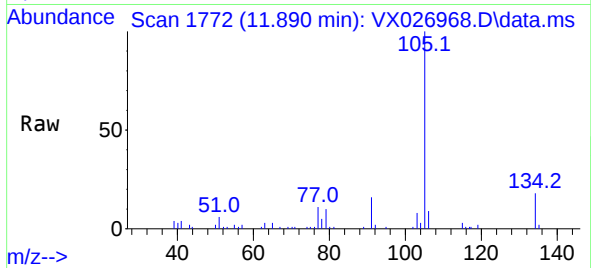
Tgt Ion:105 Resp: 481859
Ion Ratio Lower Upper
105 100
120 45.5 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 1.887 ug/l m
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX026968.D
 Acq: 11 Feb 2022 15:42

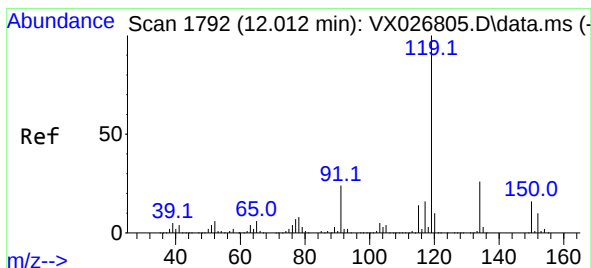
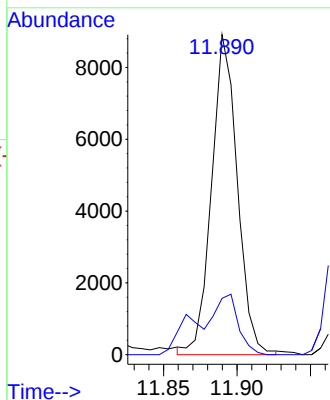
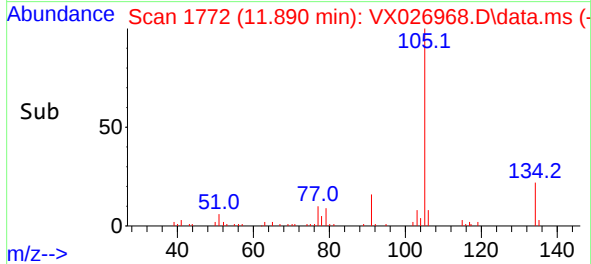
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8DL



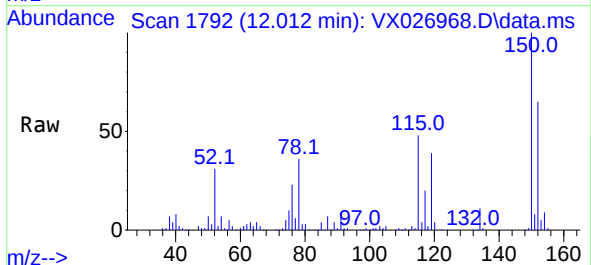
Tgt Ion:105 Resp: 1085
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.1

Manual Integrations
 APPROVED

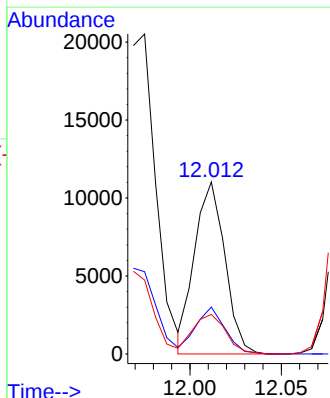
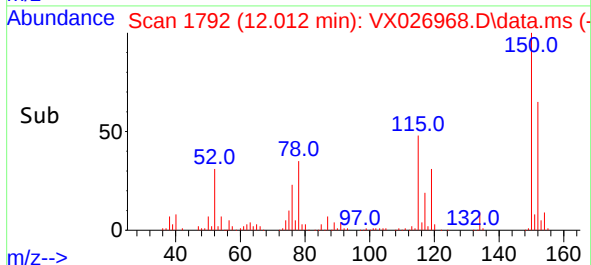
Reviewed By :John Carlone 02/15/2022
 Supervised By :Mahesh Dadoda 02/15/2022

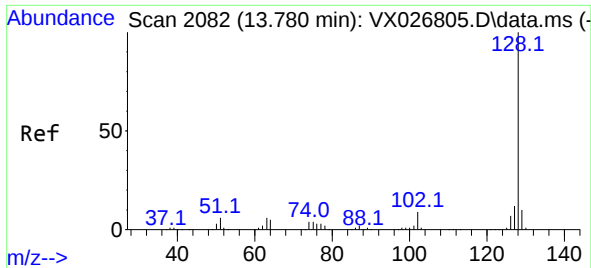


#86
 p-Isopropyltoluene
 Concen: 2.615 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX026968.D
 Acq: 11 Feb 2022 15:42



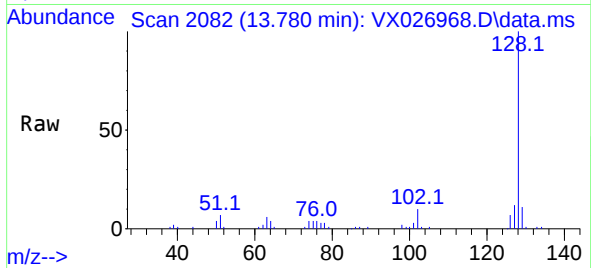
Tgt Ion:119 Resp: 12744
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.0 39.0
 91 25.0 12.6 37.6





#95
Naphthalene
Concen: 3.746 ug/l
RT: 13.780 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VX026968.D
Acq: 11 Feb 2022 15:42

Instrument :
MSVOA_X
ClientSampleId :
MW-8DL



Tgt Ion:128 Resp: 2013
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/15/2022
Supervised By :Mahesh Dadoda 02/15/2022

