

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031022\
 Data File : VX027379.D
 Acq On : 10 Mar 2022 16:18
 Operator : JC/MD
 Sample : N1815-02DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PW-1DL

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/14/2022
 Supervised By :Semsettin Yesilyurt 03/14/2022

Quant Time: Mar 11 00:46:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	373032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	601617	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	568036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	276942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	191704	44.069	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.140%		
35) Dibromofluoromethane	5.391	113	190739	49.134	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.260%		
50) Toluene-d8	8.653	98	708239	48.325	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.660%		
62) 4-Bromofluorobenzene	11.079	95	268699	48.105	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.200%		
Target Compounds					Qvalue	
16) Acetone	2.380	43	7963	1.856	ug/l	96
20) Methylene Chloride	2.788	84	1330	0.313	ug/l	98
25) 2-Butanone	4.574	43	2685	0.896	ug/l	95
31) Cyclohexane	5.471	56	19525	3.209	ug/l	93
39) Methylcyclohexane	7.385	83	22412	3.293	ug/l	98
40) Benzene	6.038	78	9142	0.557	ug/l	94
52) Toluene	8.720	92	3388	0.324	ug/l	87
67) Ethyl Benzene	10.195	91	2902040	140.812	ug/l	95
73) Isopropylbenzene	10.964	105	76568	3.780	ug/l	100
78) n-propylbenzene	11.305	91	181296	7.957	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	131982	7.601	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	349429	20.289	ug/l	99
85) sec-Butylbenzene	11.890	105	11863m	0.567	ug/l	
86) p-Isopropyltoluene	12.012	119	7019	0.396	ug/l #	81
95) Naphthalene	13.774	128	1356561	65.023	ug/l	100

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

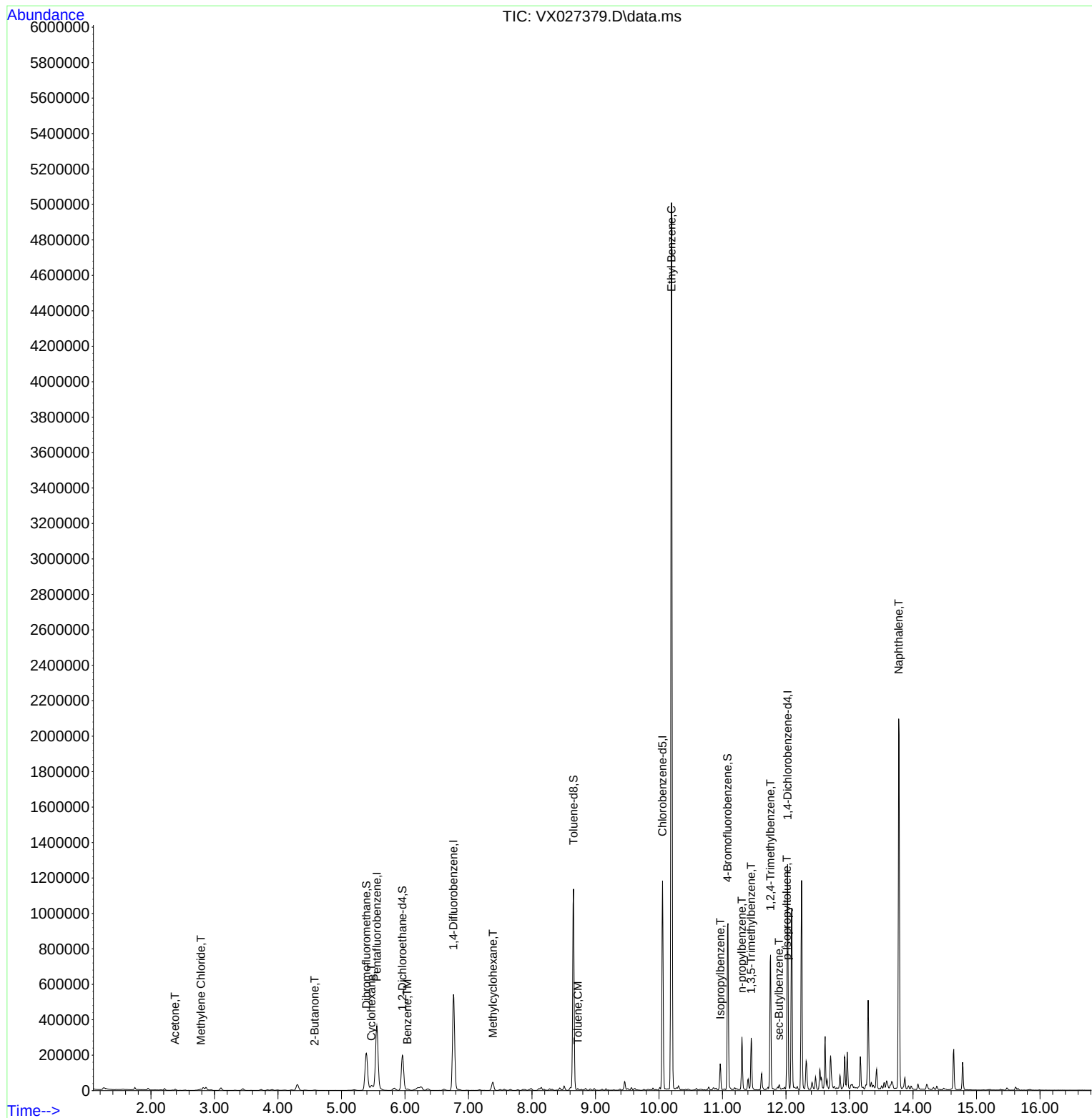
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031022\
Data File : VX027379.D
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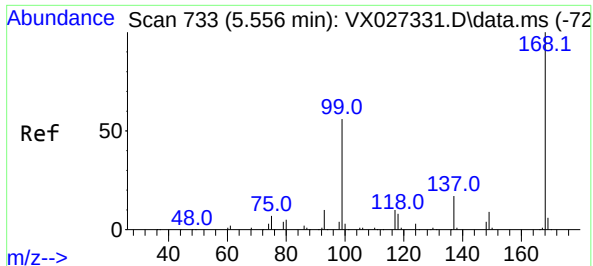
Instrument :
MSVOA_X
ClientSampleId :
PW-1DL

Quant Time: Mar 11 00:46:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 15:54:34 2022
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Manual Integrations
APPROVED

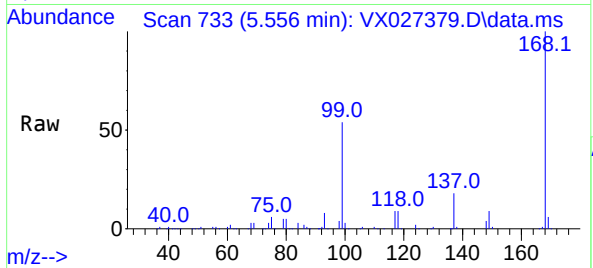
Reviewed By :Mahesh Dadoda 03/14/2022
Supervised By :Semsettin Yesilyurt 03/14/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX027379.D
Acq: 10 Mar 2022 16:18

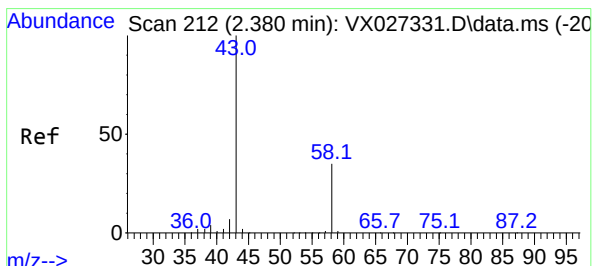
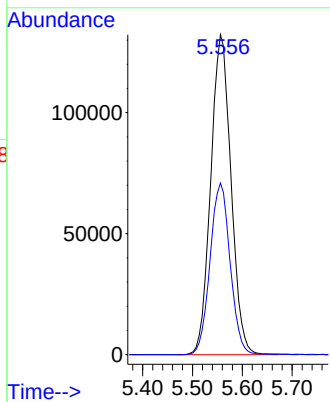
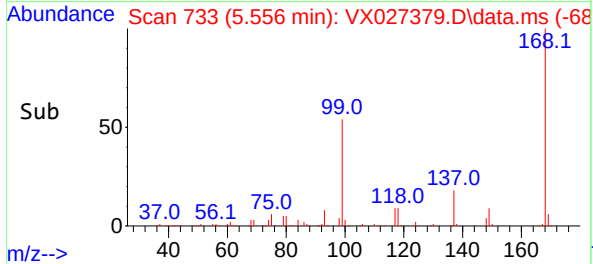
Instrument :
MSVOA_X
ClientSampleId :
PW-1DL



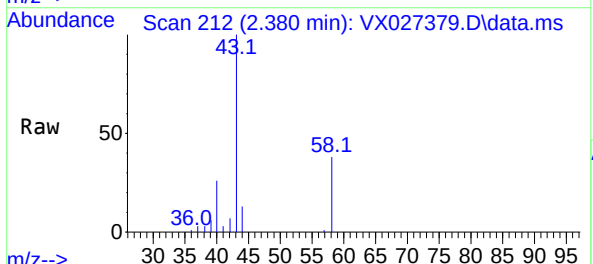
Tgt Ion:168 Resp: 37303
Ion Ratio Lower Upper
168 100
99 53.7 41.7 62.5

Manual Integrations
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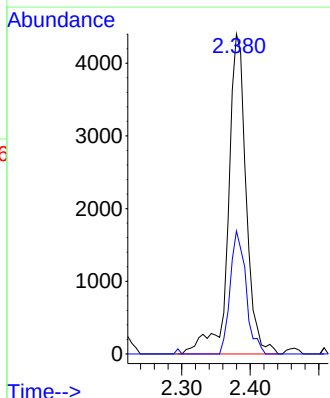
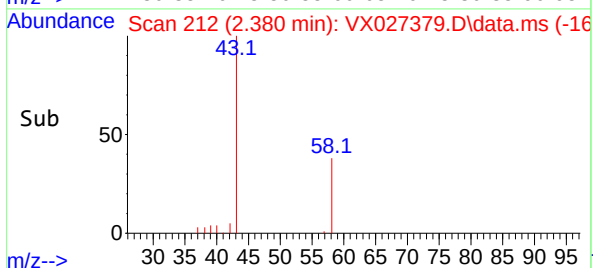
Reviewed By :Mahesh Dadoda 03/14/2022
Supervised By :Semsettin Yesilyurt 03/14/2022

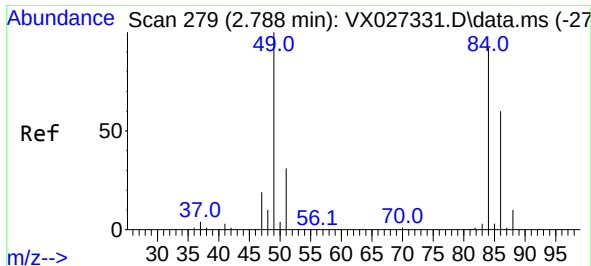


#16
Acetone
Concen: 1.856 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027379.D
Acq: 10 Mar 2022 16:18



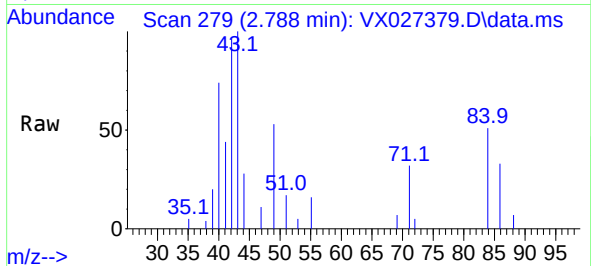
Tgt Ion: 43 Resp: 7963
Ion Ratio Lower Upper
43 100
58 38.5 28.8 43.2





#20
Methylene Chloride
Concen: 0.313 ug/l
RT: 2.788 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX027379.D
Acq: 10 Mar 2022 16:18

Instrument :
MSVOA_X
ClientSampleId :
PW-1DL

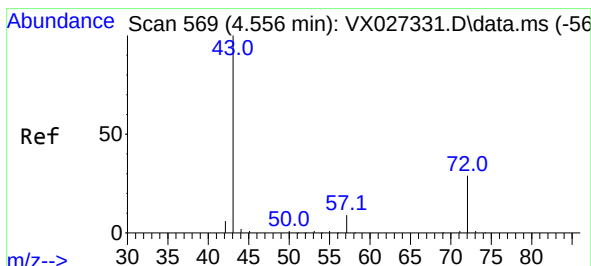
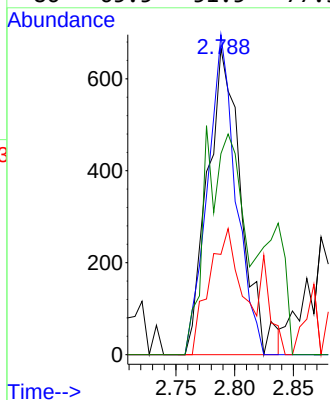
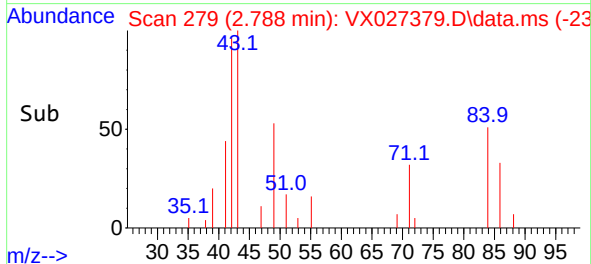


Tgt Ion: 84 Resp: 1330

Ion	Ratio	Lower	Upper
84	100		
49	104.3	85.5	128.3
51	32.7	26.6	39.8
86	65.5	51.5	77.3

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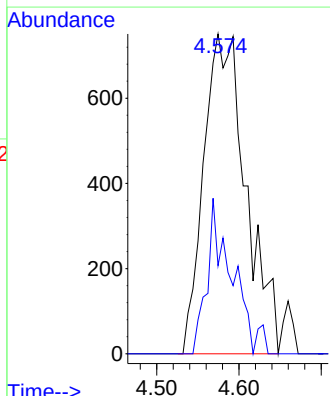
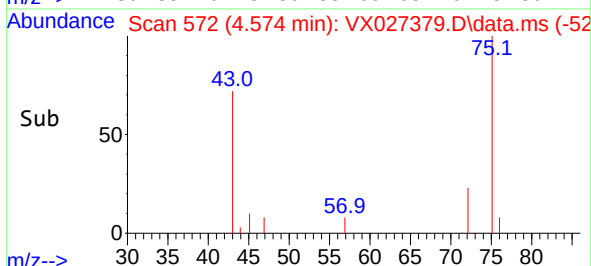
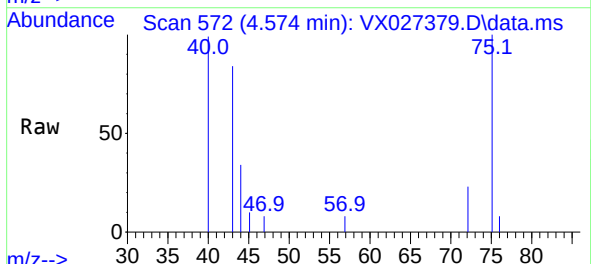
Reviewed By :Mahesh Dadoda 03/14/2022
Supervised By :Semsettin Yesilyurt 03/14/2022

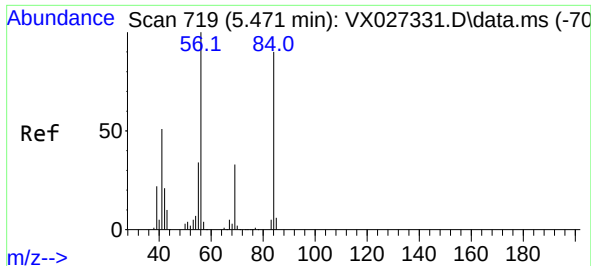


#25
2-Butanone
Concen: 0.896 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX027379.D
Acq: 10 Mar 2022 16:18

Tgt Ion: 43 Resp: 2685

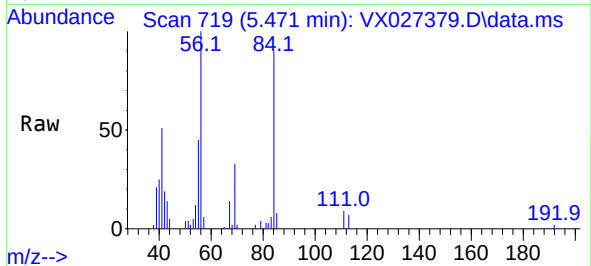
Ion	Ratio	Lower	Upper
43	100		
72	27.6	24.4	36.6





#31
Cyclohexane
Concen: 3.209 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX027379.D
Acq: 10 Mar 2022 16:18

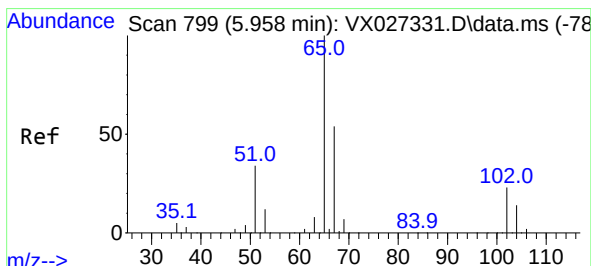
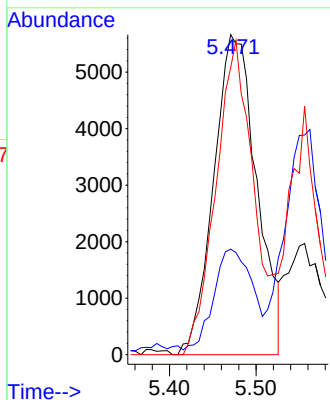
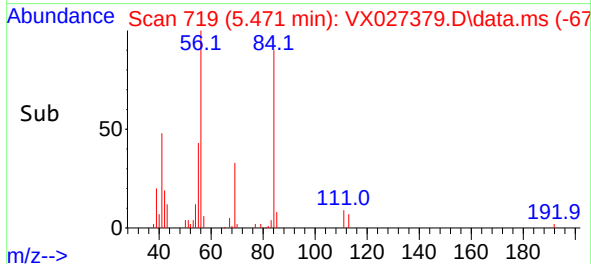
Instrument :
MSVOA_X
ClientSampleId :
PW-1DL



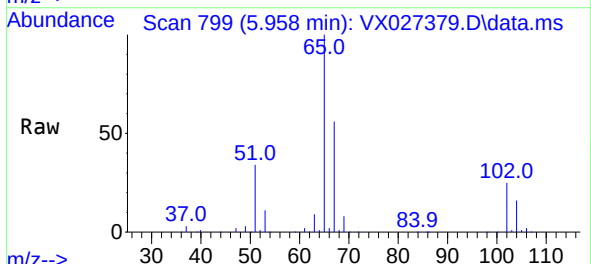
Tgt Ion: 56 Resp: 1952
Ion Ratio Lower Upper
56 100
69 30.3 26.7 40.1
84 89.7 77.2 115.8

Manual Integrations
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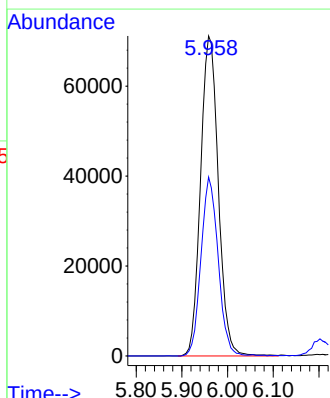
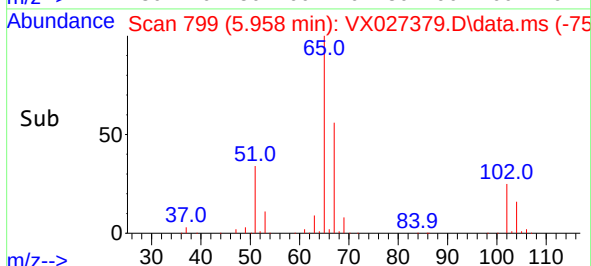
Reviewed By :Mahesh Dadoda 03/14/2022
Supervised By :Semsettin Yesilyurt 03/14/2022

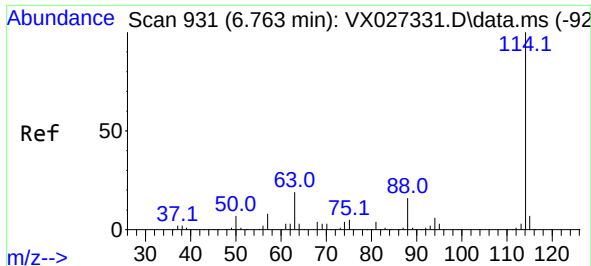


#33
1,2-Dichloroethane-d4
Concen: 44.069 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027379.D
Acq: 10 Mar 2022 16:18



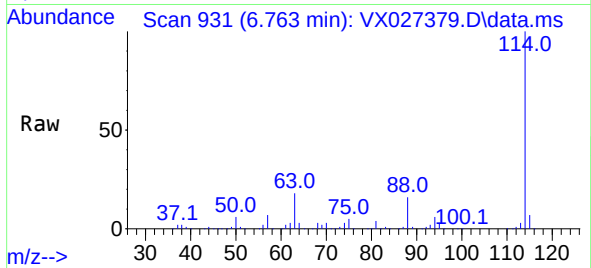
Tgt Ion: 65 Resp: 191704
Ion Ratio Lower Upper
65 100
67 54.0 0.0 107.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX027379.D
Acq: 10 Mar 2022 16:18

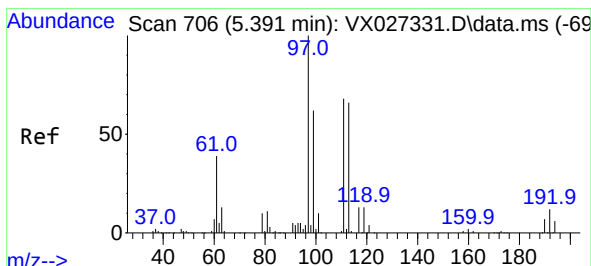
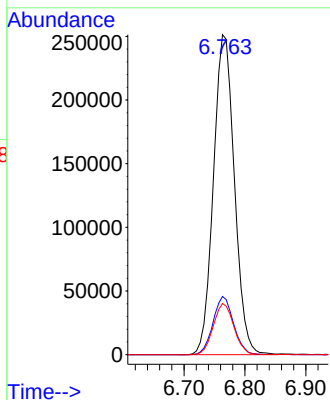
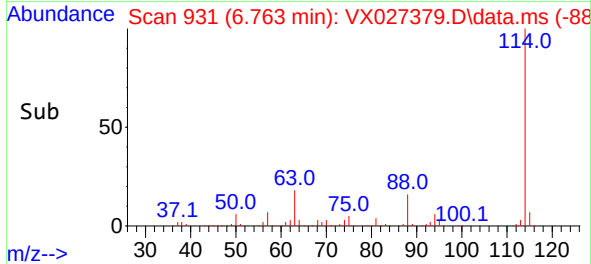
Instrument :
MSVOA_X
ClientSampleId :
PW-1DL



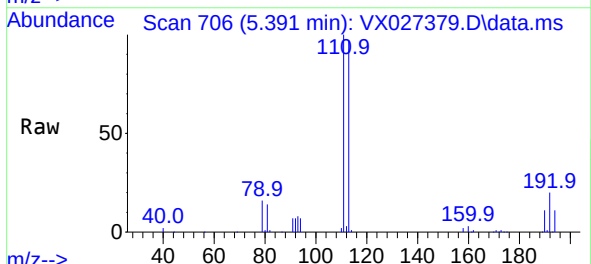
Tgt Ion:114 Resp: 60161
Ion Ratio Lower Upper
114 100
63 18.2 0.0 36.8
88 16.0 0.0 32.4

Manual Integrations
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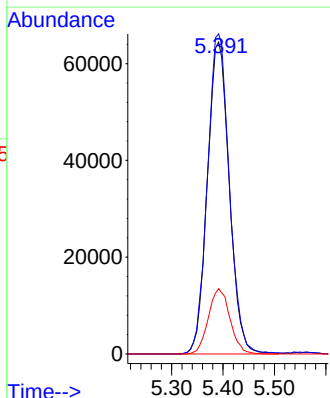
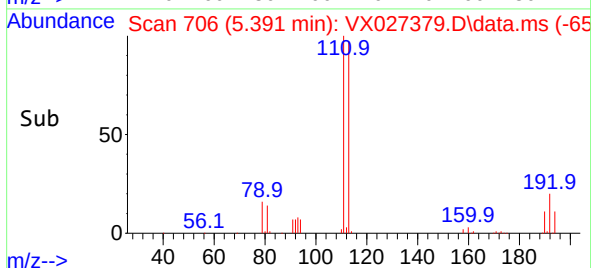
Reviewed By :Mahesh Dadoda 03/14/2022
Supervised By :Semsettin Yesilyurt 03/14/2022

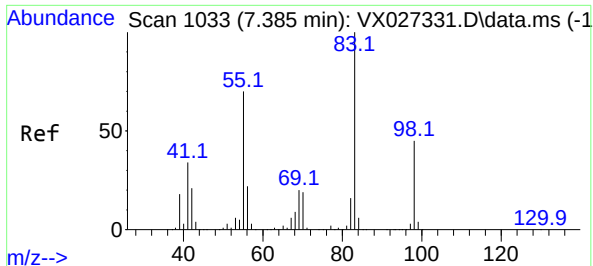


#35
Dibromofluoromethane
Concen: 49.134 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027379.D
Acq: 10 Mar 2022 16:18



Tgt Ion:113 Resp: 190739
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 20.6 16.9 25.3





#39

Methylcyclohexane

Concen: 3.293 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX027379.D

Acq: 10 Mar 2022 16:18

Instrument :

MSVOA_X

ClientSampleId :

PW-1DL

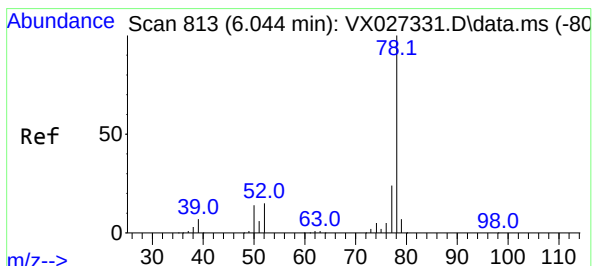
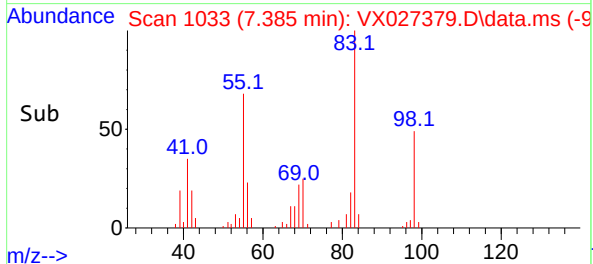
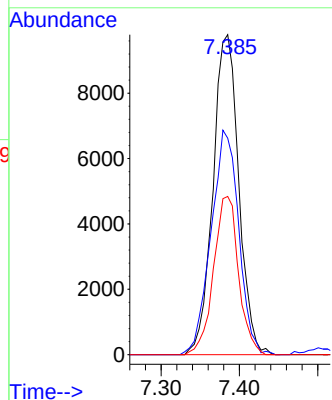
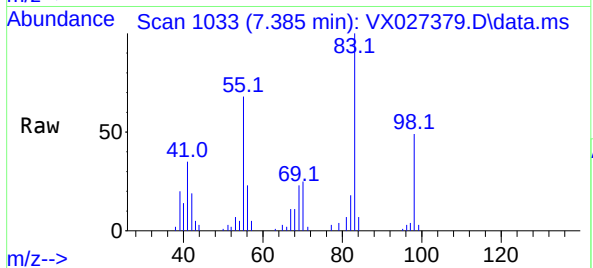
Tgt Ion: 83 Resp: 2241

Ion	Ratio	Lower	Upper
83	100		
55	67.7	54.6	81.8
98	49.4	37.4	56.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 03/14/2022
Supervised By :Semsettin Yesilyurt 03/14/2022



#40

Benzene

Concen: 0.557 ug/l

RT: 6.038 min Scan# 812

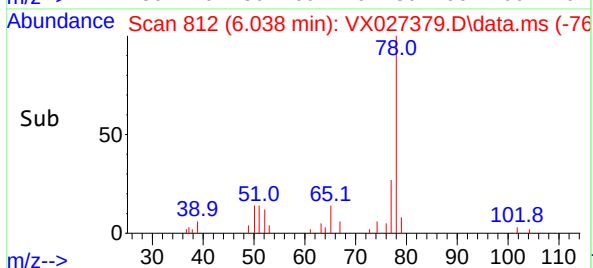
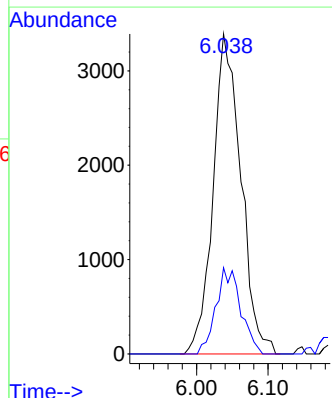
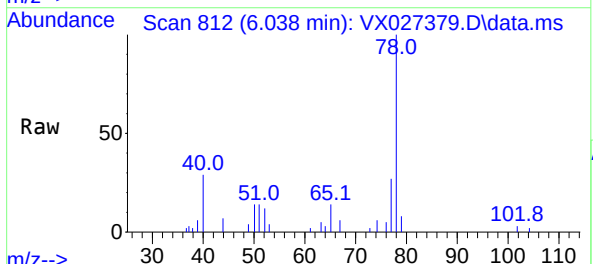
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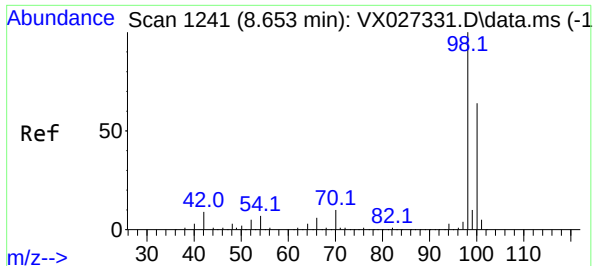
Lab File: VX027379.D

Acq: 10 Mar 2022 16:18

Tgt Ion: 78 Resp: 9142

Ion	Ratio	Lower	Upper
78	100		
77	27.0	19.3	28.9





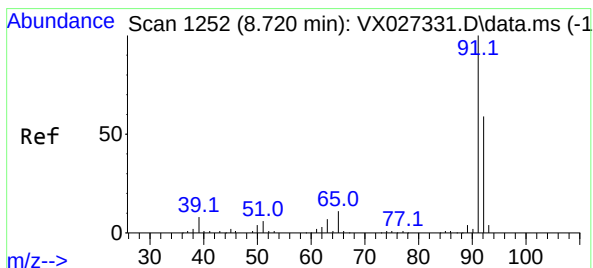
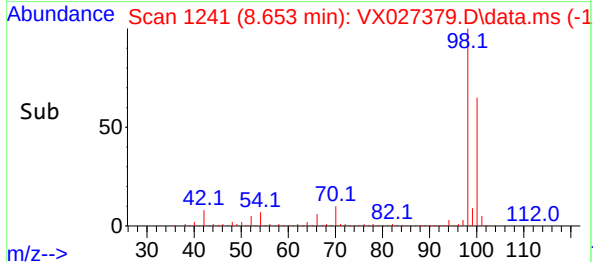
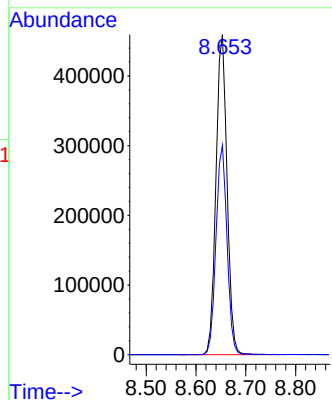
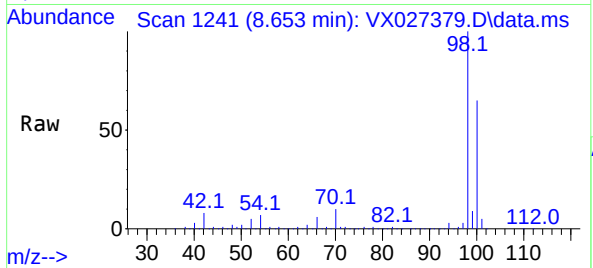
#50
Toluene-d8
Concen: 48.325 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027379.D
Acq: 10 Mar 2022 16:18

Instrument :
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Tgt Ion: 98 Resp: 708239
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8

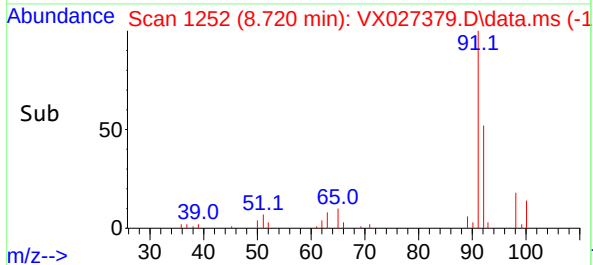
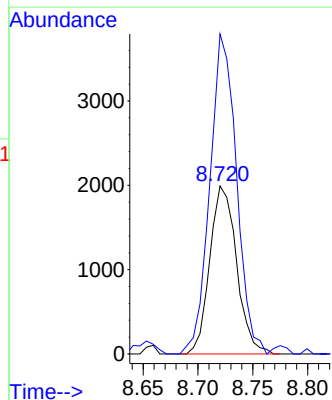
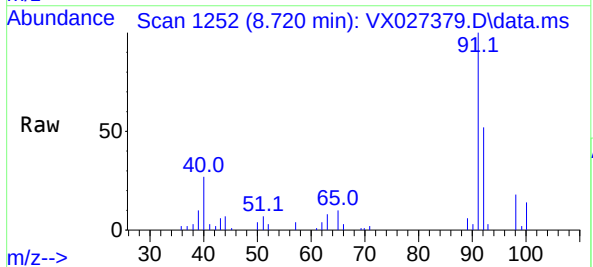
Manual Integrations
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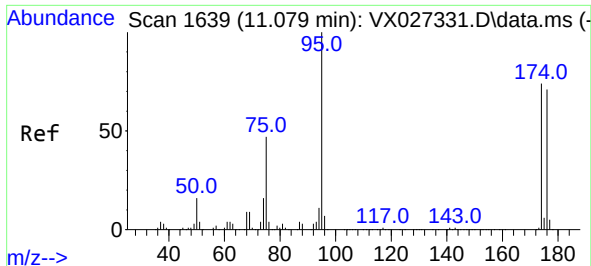
Reviewed By :Mahesh Dadoda 03/14/2022
Supervised By :Semsettin Yesilyurt 03/14/2022



#52
Toluene
Concen: 0.324 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX027379.D
Acq: 10 Mar 2022 16:18

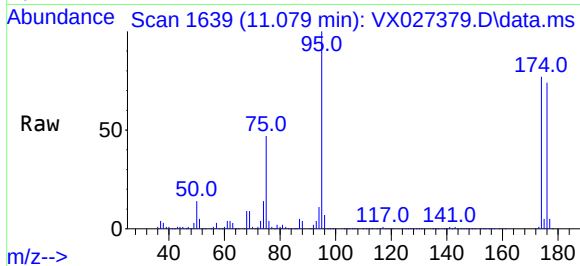
Tgt Ion: 92 Resp: 3388
Ion Ratio Lower Upper
92 100
91 189.4 137.5 206.3





#62
4-Bromofluorobenzene
Concen: 48.105 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX027379.D
Acq: 10 Mar 2022 16:18

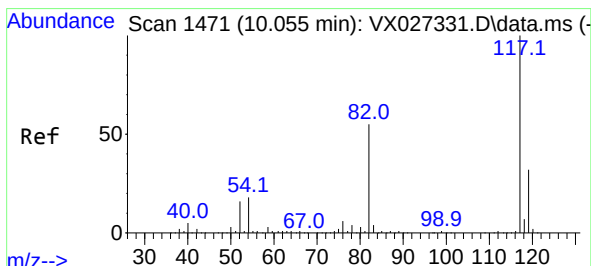
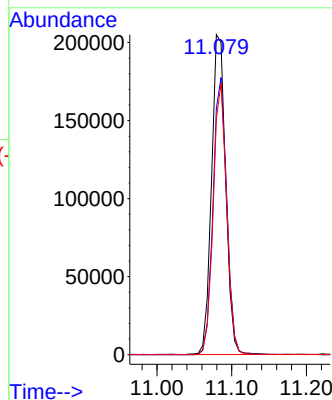
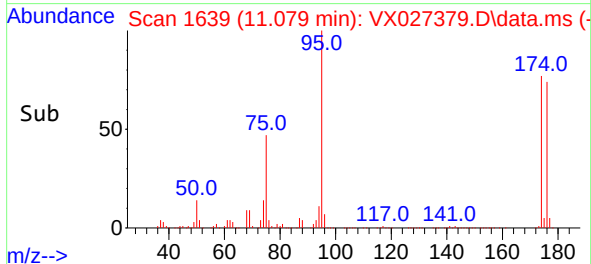
Instrument :
MSVOA_X
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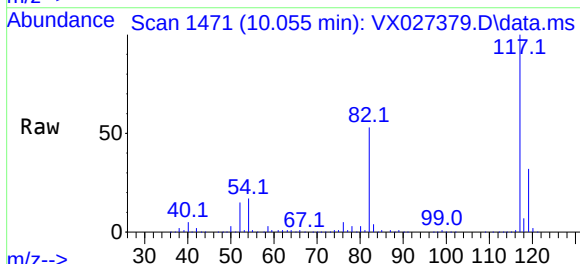
Tgt Ion: 95 Resp: 268699
Ion Ratio Lower Upper
95 100
174 84.7 0.0 163.0
176 81.1 0.0 155.0

Manual Integrations
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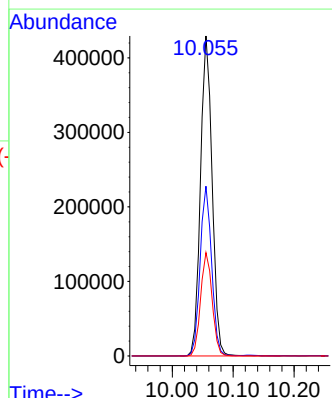
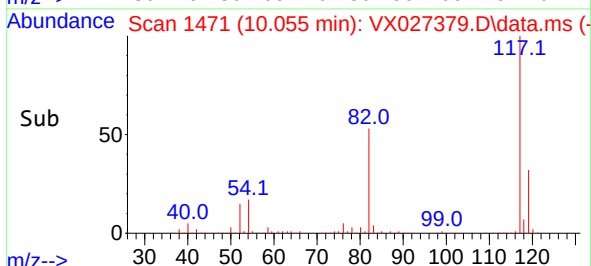
Reviewed By :Mahesh Dadoda 03/14/2022
Supervised By :Semsettin Yesilyurt 03/14/2022

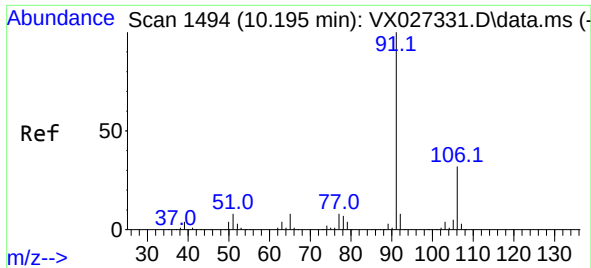


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027379.D
Acq: 10 Mar 2022 16:18



Tgt Ion:117 Resp: 568036
Ion Ratio Lower Upper
117 100
82 53.0 41.8 62.8
119 32.3 24.8 37.2





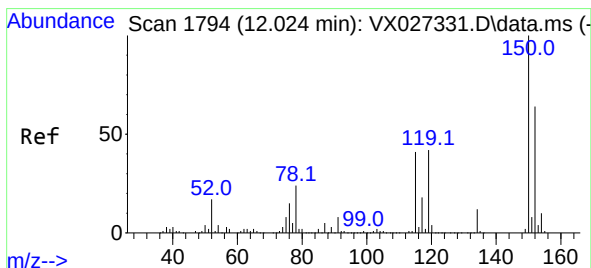
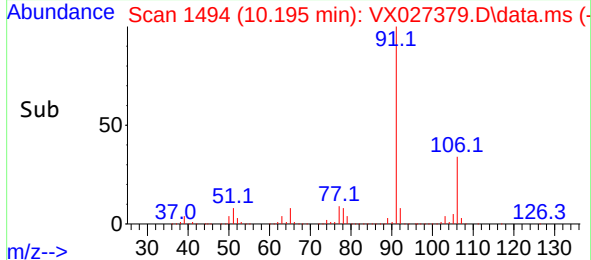
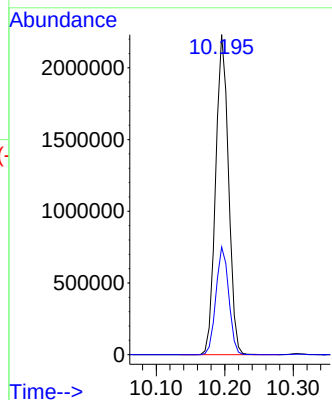
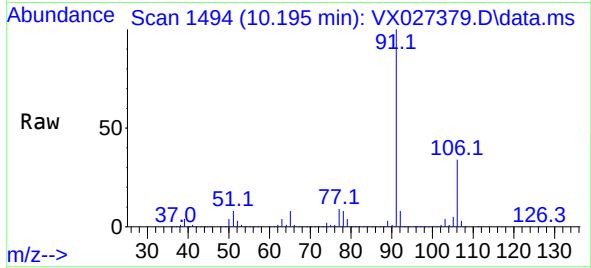
#67
Ethyl Benzene
Concen: 140.812 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027379.D
Acq: 10 Mar 2022 16:18

Instrument :
MSVOA_X
ClientSampleId :
PW-1DL

Tgt Ion: 91 Resp: 2902040
Ion Ratio Lower Upper
91 100
106 33.7 24.6 36.8

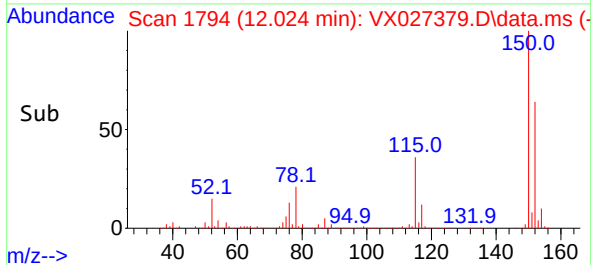
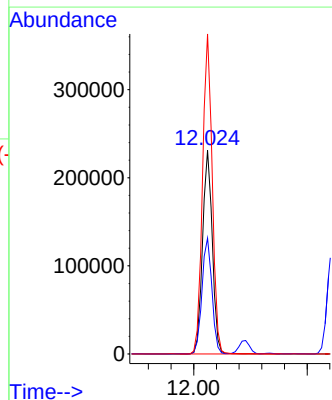
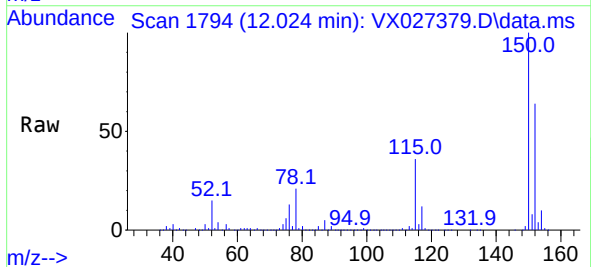
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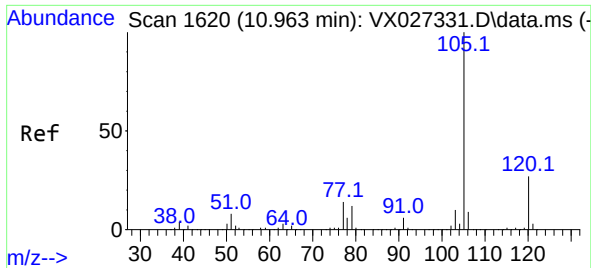
Reviewed By :Mahesh Dadoda 03/14/2022
Supervised By :Semsettin Yesilyurt 03/14/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027379.D
Acq: 10 Mar 2022 16:18

Tgt Ion:152 Resp: 276942
Ion Ratio Lower Upper
152 100
115 57.9 37.5 112.7
150 156.0 0.0 338.2





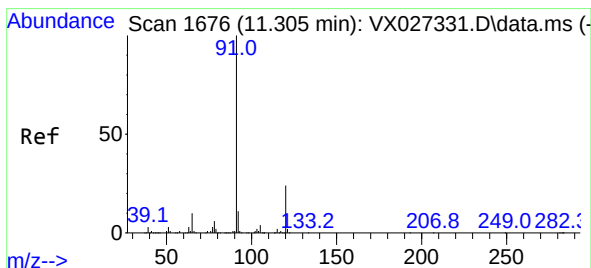
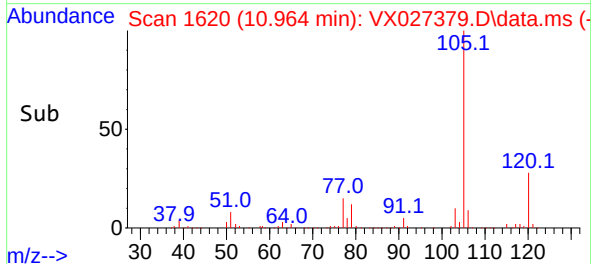
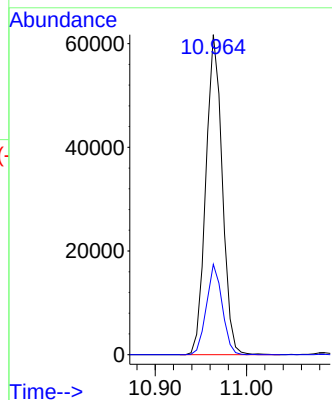
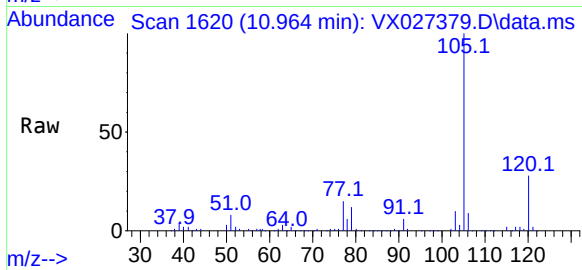
#73
Isopropylbenzene
Concen: 3.780 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX027379.D
Acq: 10 Mar 2022 16:18

Instrument :
MSVOA_X
ClientSampleId :
PW-1DL

Tgt Ion:105 Resp: 76568
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.5

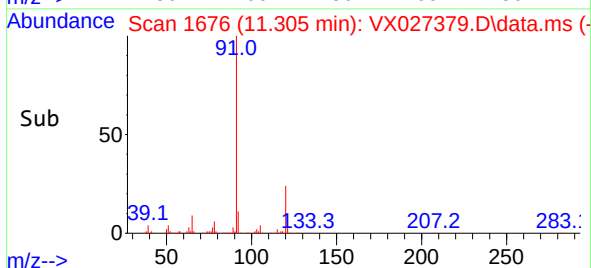
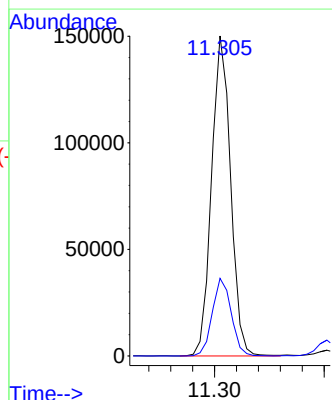
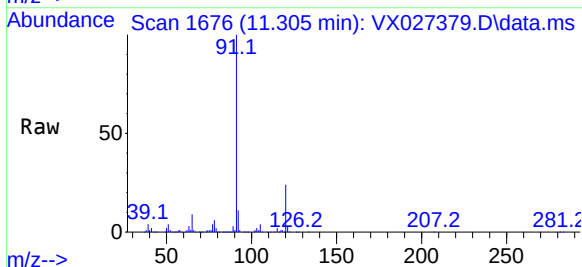
Manual Integrations
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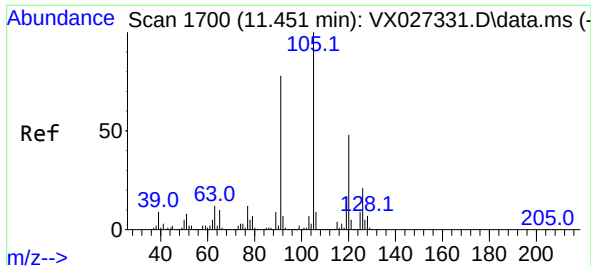
Reviewed By :Mahesh Dadoda 03/14/2022
Supervised By :Semsettin Yesilyurt 03/14/2022



#78
n-propylbenzene
Concen: 7.957 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX027379.D
Acq: 10 Mar 2022 16:18

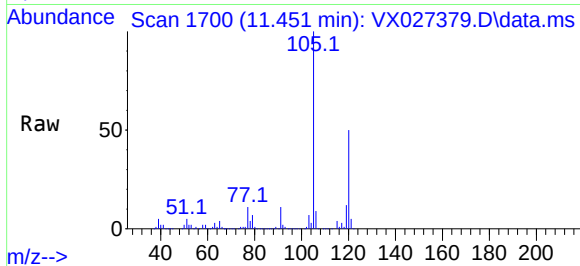
Tgt Ion: 91 Resp: 181296
Ion Ratio Lower Upper
91 100
120 24.1 11.6 34.8





#80
1,3,5-Trimethylbenzene
Concen: 7.601 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027379.D
Acq: 10 Mar 2022 16:18

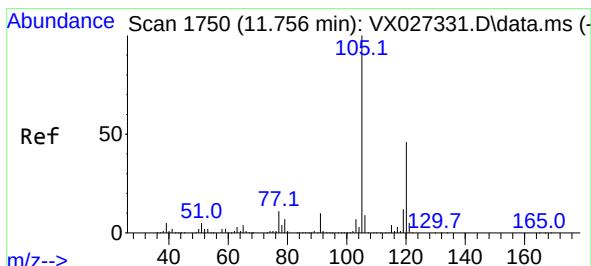
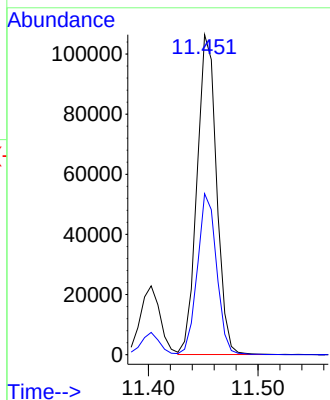
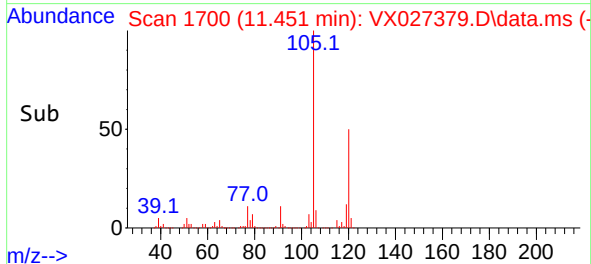
Instrument :
MSVOA_X
ClientSampleId :
PW-1DL



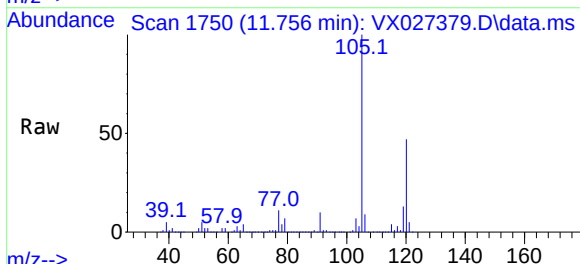
Tgt Ion:105 Resp: 13198
Ion Ratio Lower Upper
105 100
120 49.5 24.3 72.9

Manual Integrations
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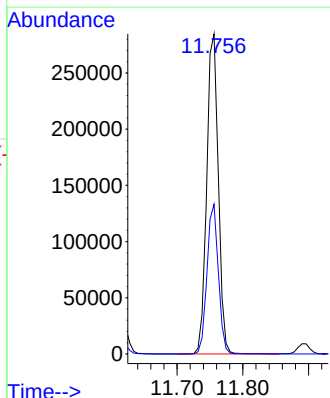
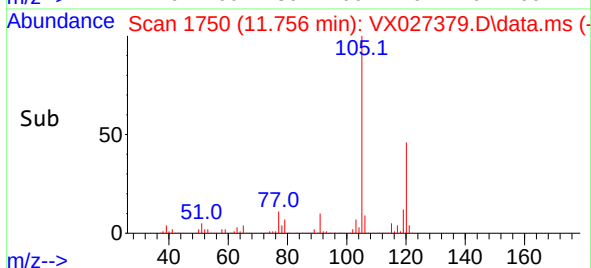
Reviewed By :Mahesh Dadoda 03/14/2022
Supervised By :Semsettin Yesilyurt 03/14/2022

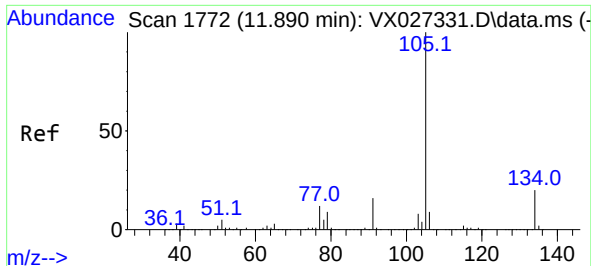


#84
1,2,4-Trimethylbenzene
Concen: 20.289 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX027379.D
Acq: 10 Mar 2022 16:18



Tgt Ion:105 Resp: 349429
Ion Ratio Lower Upper
105 100
120 45.9 22.6 67.8





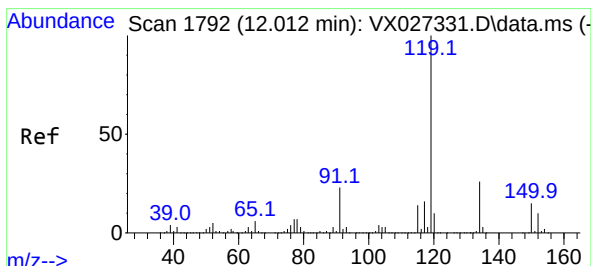
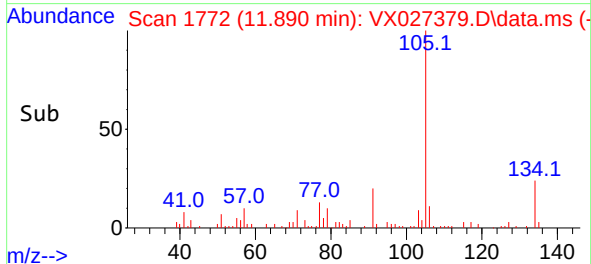
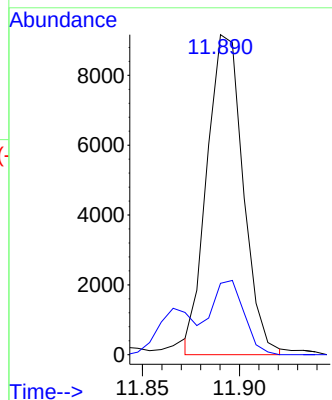
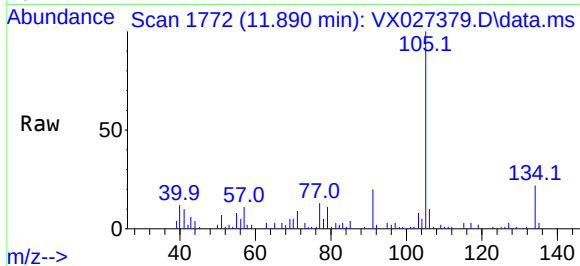
#85
sec-Butylbenzene
Concen: 0.567 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX027379.D
Acq: 10 Mar 2022 16:18

Instrument :
MSVOA_X
ClientSampleId :
PW-1DL

Tgt Ion:105 Resp: 1186
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4

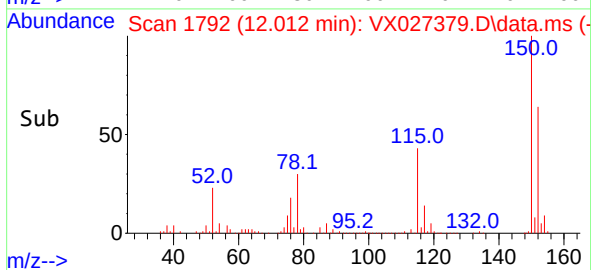
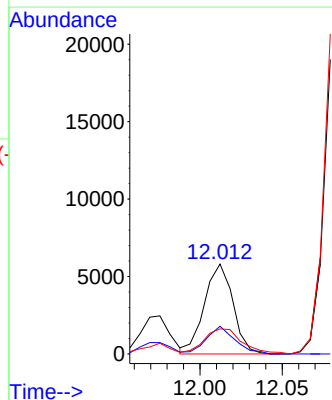
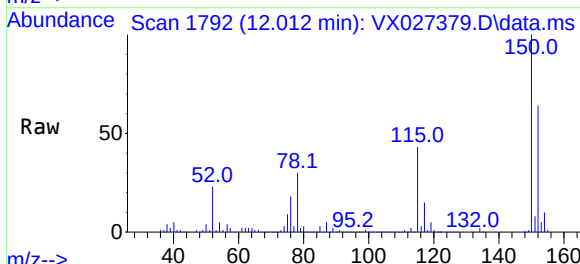
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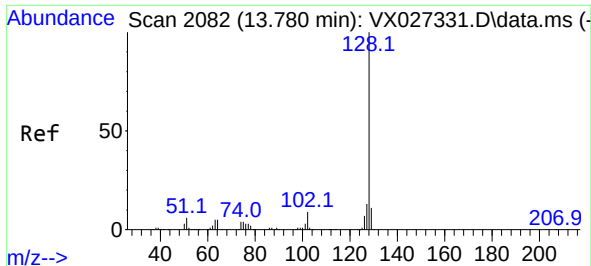
Reviewed By :Mahesh Dadoda 03/14/2022
Supervised By :Semsettin Yesilyurt 03/14/2022



#86
p-Isopropyltoluene
Concen: 0.396 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX027379.D
Acq: 10 Mar 2022 16:18

Tgt Ion:119 Resp: 7019
Ion Ratio Lower Upper
119 100
134 30.9 13.0 39.0
91 37.3 11.3 33.9





#95

Naphthalene

Concen: 65.023 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX027379.D

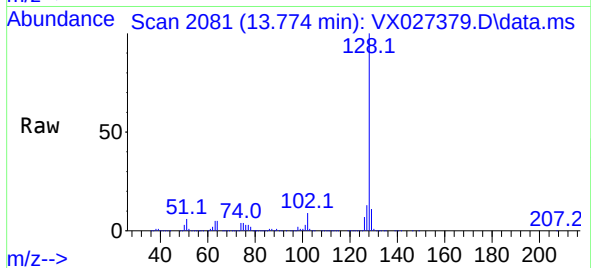
Acq: 10 Mar 2022 16:18

Instrument :

MSVOA_X

ClientSampleId :

PW-1DL



Tgt Ion:128 Resp: 135656

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 11.2 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 03/14/2022

Supervised By :Semsettin Yesilyurt 03/14/2022

