

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120122\
 Data File : VX033163.D
 Acq On : 01 Dec 2022 15:09
 Operator : JC/MD
 Sample : N5815-25DL 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15DL

Quant Time: Dec 02 00:52:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/02/2022
 Supervised By : Mahesh Dadoda 12/02/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	124251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	198599	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67683	56.131	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.260%			
35) Dibromofluoromethane	5.385	113	54090	48.311	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.620%			
50) Toluene-d8	8.647	98	180314	53.685	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.360%			
62) 4-Bromofluorobenzene	11.079	95	69641	47.351	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.700%			
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	830	0.810	ug/l	91
6) Chloroethane	1.691	64	484	0.521	ug/l	89
16) Acetone	2.392	43	4451	7.876	ug/l	98
17) Carbon Disulfide	2.514	76	1604	0.535	ug/l	98
25) 2-Butanone	4.580	43	3414	4.381	ug/l	93
31) Cyclohexane	5.477	56	10038	5.120	ug/l	99
39) Methylcyclohexane	7.379	83	8592	4.206	ug/l	89
40) Benzene	6.050	78	10060	2.004	ug/l	92
52) Toluene	8.720	92	1549	0.469	ug/l	99
67) Ethyl Benzene	10.195	91	217863	34.910	ug/l	100
68) m/p-Xylenes	10.305	106	67051	27.437	ug/l	98
69) o-Xylene	10.646	106	1964	0.831	ug/l	88
73) Isopropylbenzene	10.963	105	19047	3.086	ug/l	99
78) n-propylbenzene	11.305	91	74047	10.493	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	18110	3.493	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	157891	30.541	ug/l	100
85) sec-Butylbenzene	11.890	105	5517	0.894	ug/l	94
86) p-Isopropyltoluene	12.006	119	1930m	0.369	ug/l	
89) n-Butylbenzene	12.329	91	12005	2.664	ug/l #	45
95) Naphthalene	13.774	128	35627	6.451	ug/l	99

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

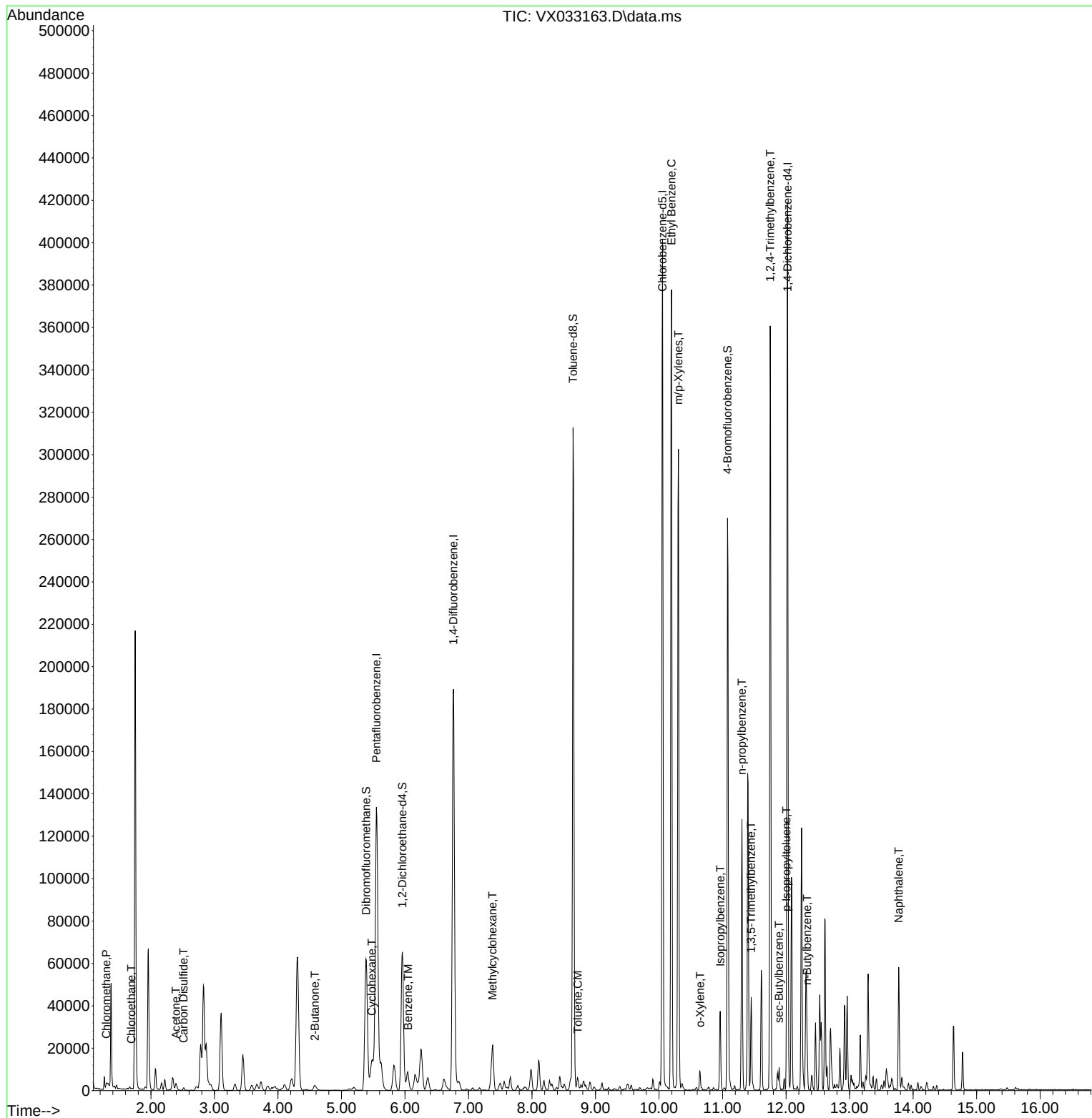
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120122\
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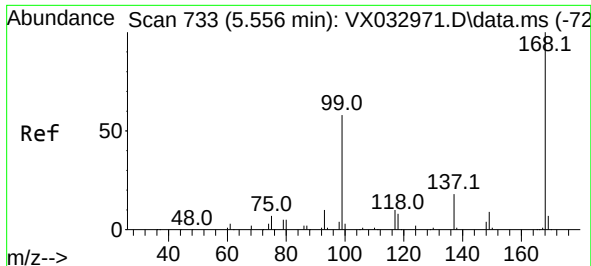
Instrument :
MSVOA_X
ClientSampleId :
MW-15DL

Quant Time: Dec 02 00:52:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
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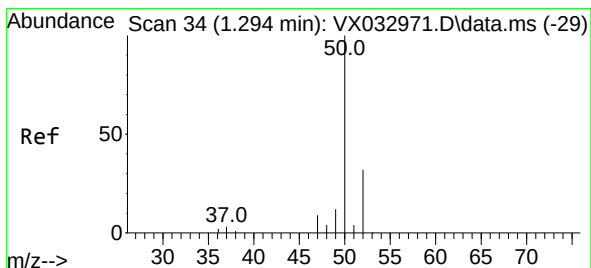
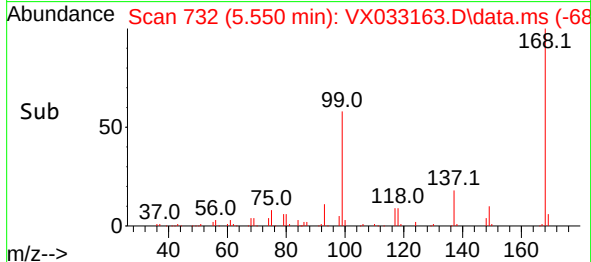
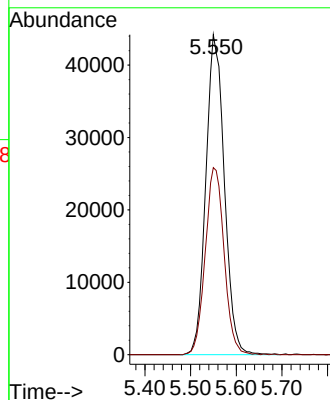
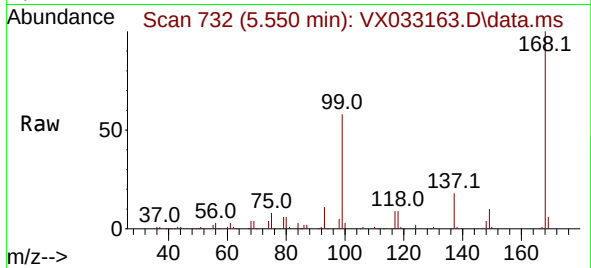
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033163.D
Acq: 01 Dec 2022 15:09

Instrument :
MSVOA_X
ClientSampleId :
MW-15DL

Tgt Ion:168 Resp: 12425
Ion Ratio Lower Upper
168 100
99 58.5 46.1 69.1

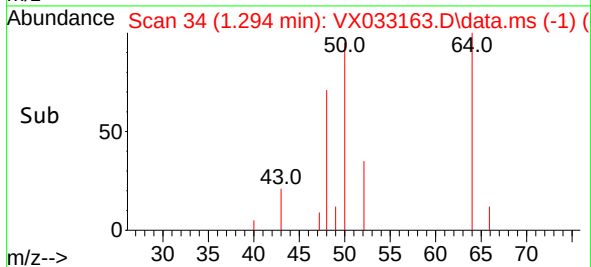
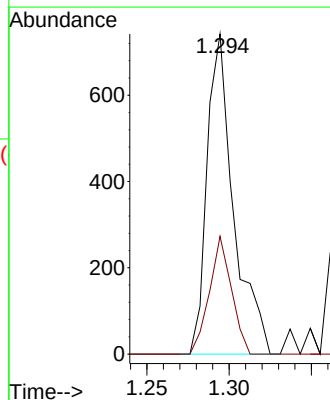
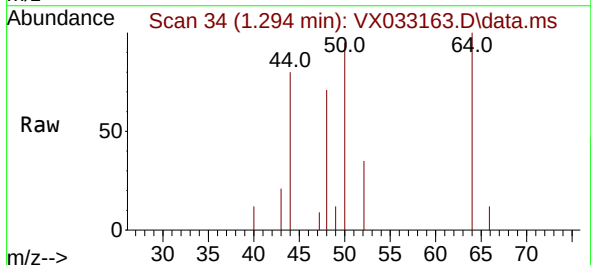
Manual Integrations
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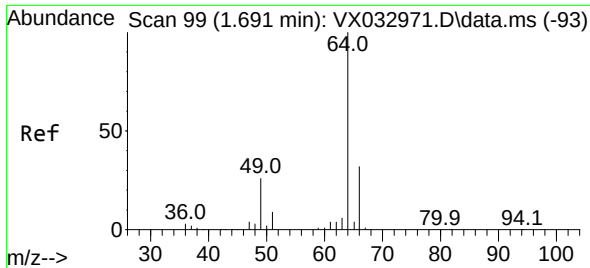
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#3
Chloromethane
Concen: 0.810 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033163.D
Acq: 01 Dec 2022 15:09

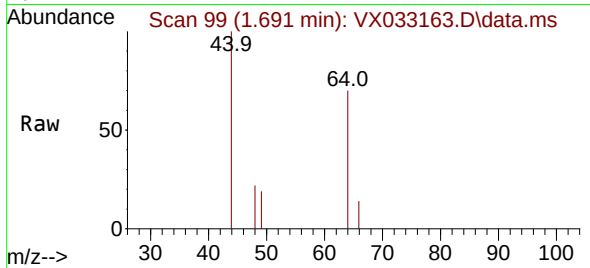
Tgt Ion: 50 Resp: 830
Ion Ratio Lower Upper
50 100
52 36.8 25.4 38.2





#6
Chloroethane
Concen: 0.521 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX033163.D
Acq: 01 Dec 2022 15:09

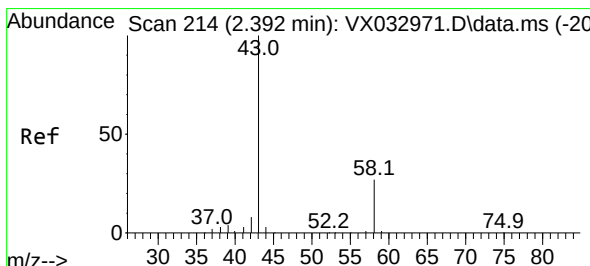
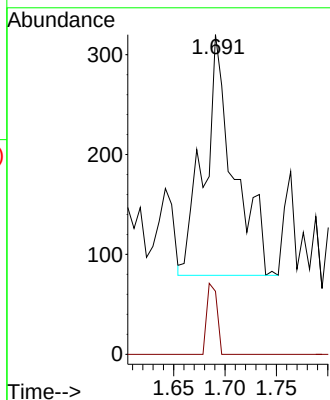
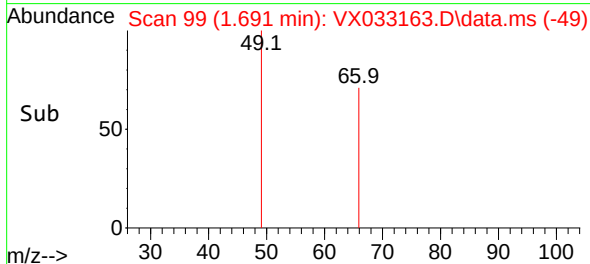
Instrument :
MSVOA_X
Client Sample Id :
MW-15DL



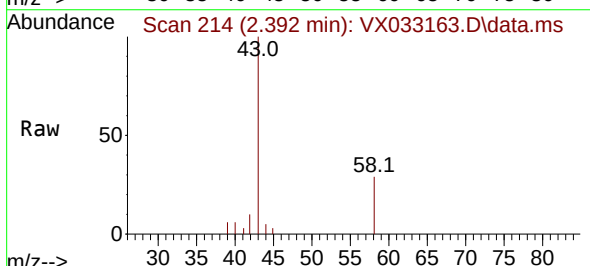
Tgt Ion: 64 Resp: 484
Ion Ratio Lower Upper
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66 26.1 26.0 39.0

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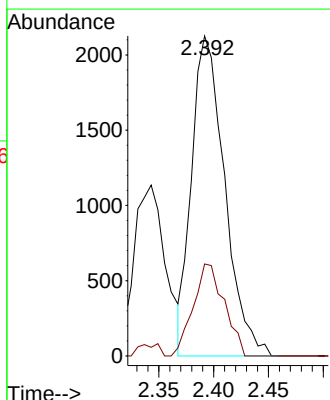
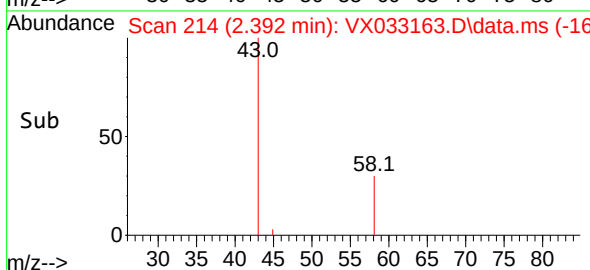
Reviewed By : John Carlone 12/02/2022
Supervised By : Mahesh Dadoda 12/02/2022

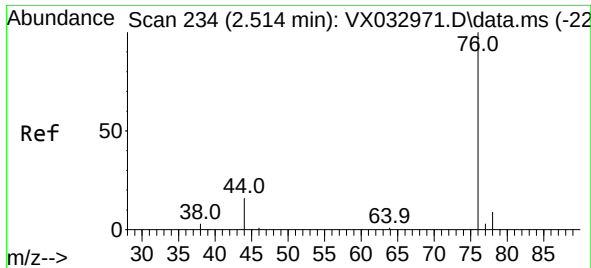


#16
Acetone
Concen: 7.876 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX033163.D
Acq: 01 Dec 2022 15:09



Tgt Ion: 43 Resp: 4451
Ion Ratio Lower Upper
43 100
58 28.7 23.8 35.8





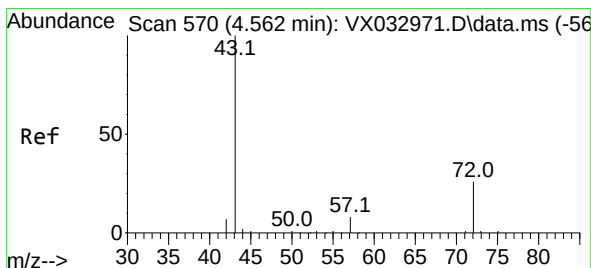
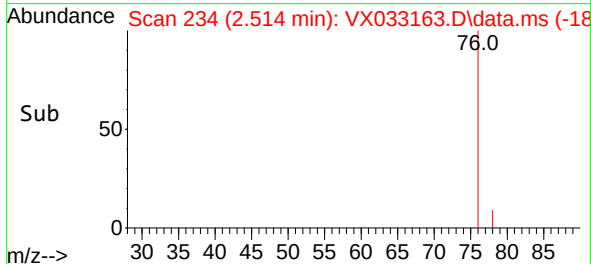
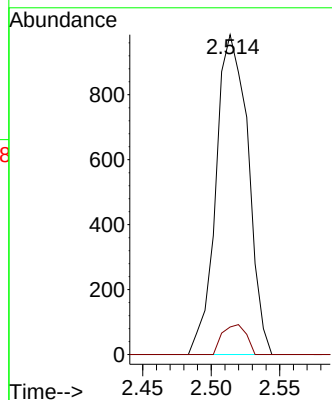
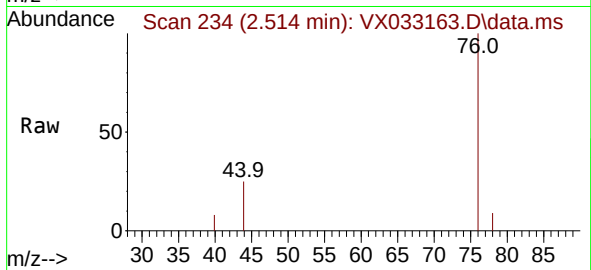
#17
Carbon Disulfide
Concen: 0.535 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033163.D
Acq: 01 Dec 2022 15:09

Instrument :
MSVOA_X
ClientSampleId :
MW-15DL

Tgt Ion: 76 Resp: 1604
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3

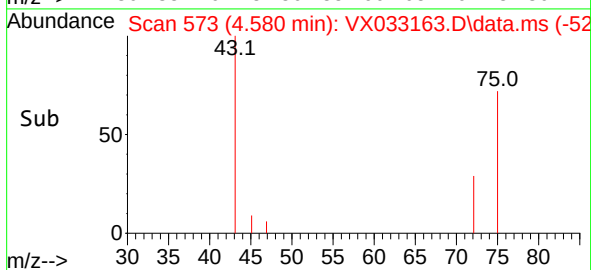
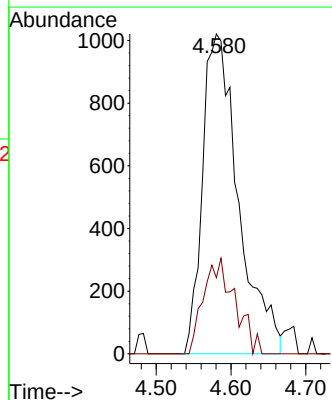
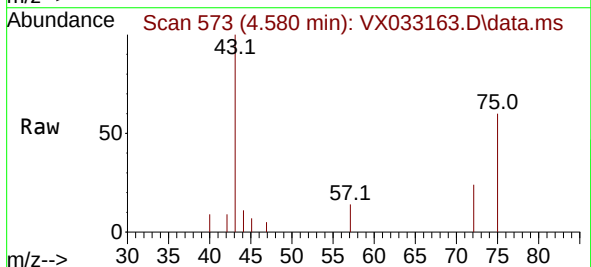
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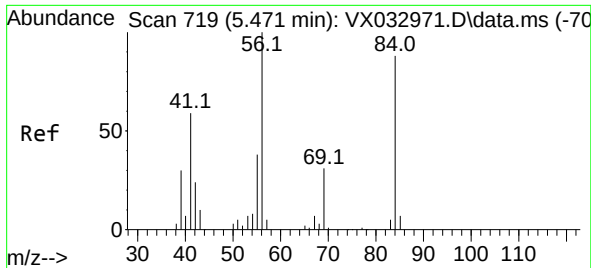
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#25
2-Butanone
Concen: 4.381 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.024 min
Lab File: VX033163.D
Acq: 01 Dec 2022 15:09

Tgt Ion: 43 Resp: 3414
Ion Ratio Lower Upper
43 100
72 23.8 22.2 33.2





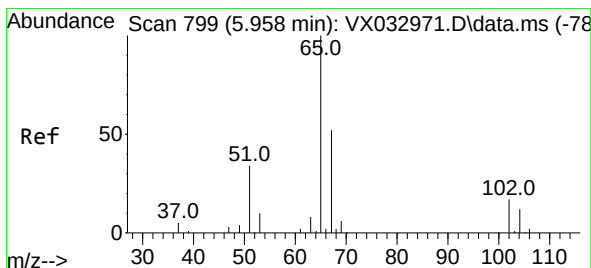
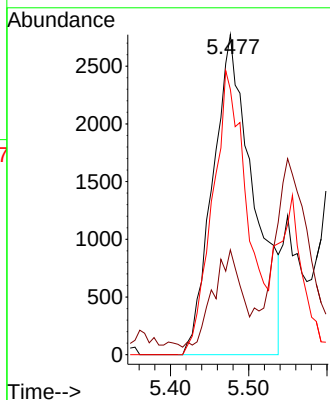
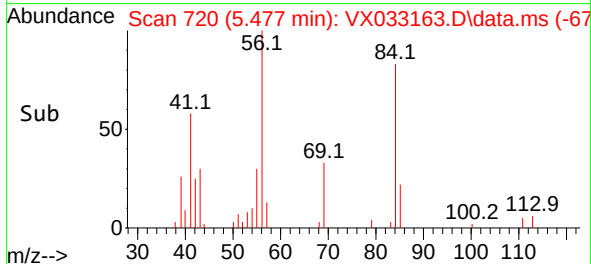
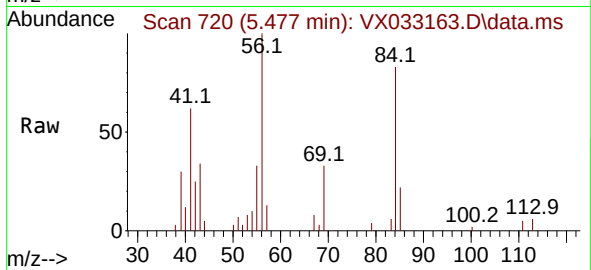
#31
Cyclohexane
Concen: 5.120 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.007 min
Lab File: VX033163.D
Acq: 01 Dec 2022 15:09

Instrument :
MSVOA_X
ClientSampleId :
MW-15DL

Tgt Ion: 56 Resp: 10038
Ion Ratio Lower Upper
56 100
69 29.5 24.1 36.1
84 82.9 66.9 100.3

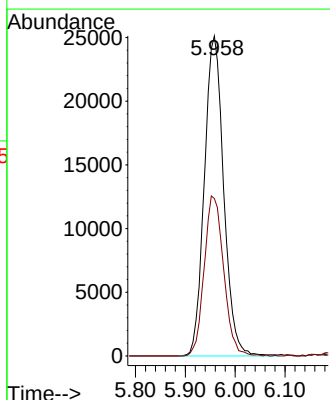
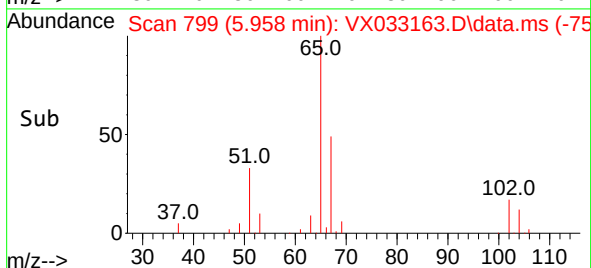
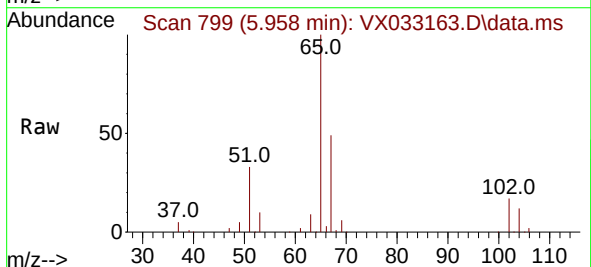
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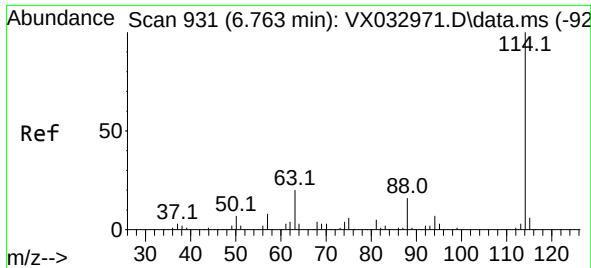
Reviewed By :John Carlone 12/02/2022
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#33
1,2-Dichloroethane-d4
Concen: 56.131 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033163.D
Acq: 01 Dec 2022 15:09

Tgt Ion: 65 Resp: 67683
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.8





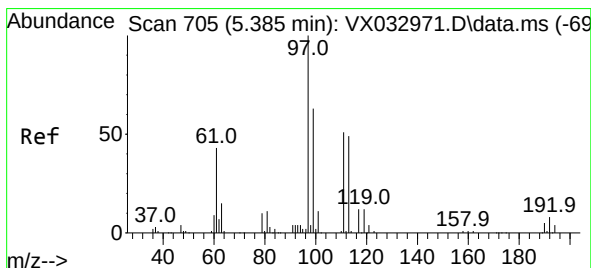
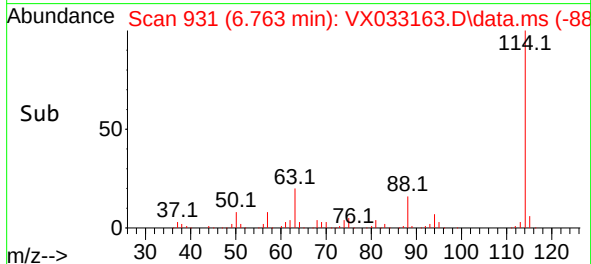
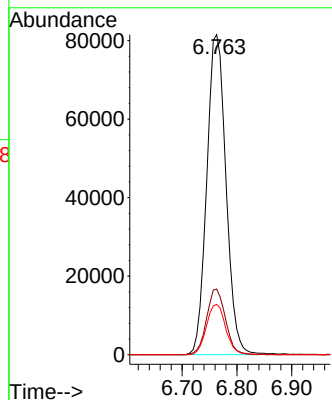
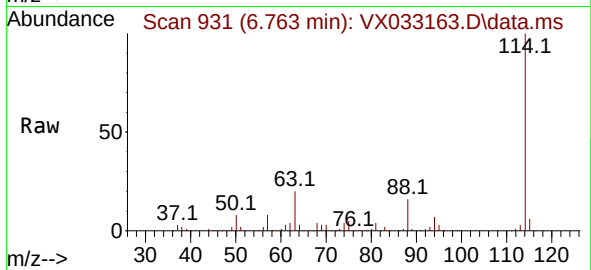
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX033163.D
Acq: 01 Dec 2022 15:09

Instrument :
MSVOA_X
ClientSampleId :
MW-15DL

Tgt Ion:114 Resp: 198599
Ion Ratio Lower Upper
114 100
63 20.5 0.0 41.6
88 15.7 0.0 33.4

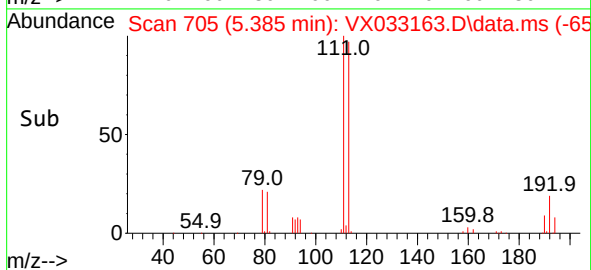
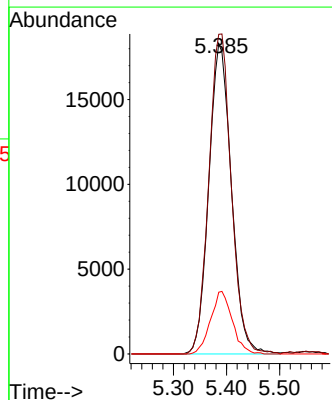
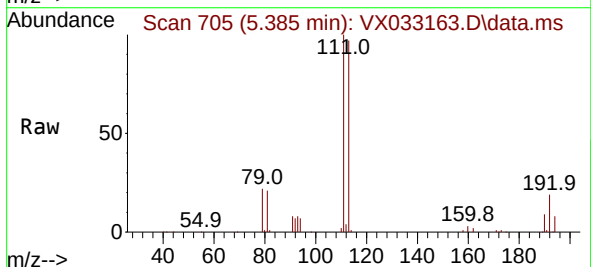
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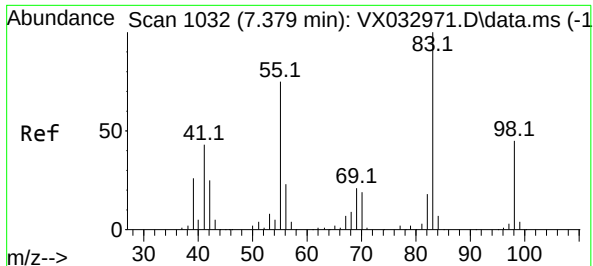
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#35
Dibromofluoromethane
Concen: 48.311 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033163.D
Acq: 01 Dec 2022 15:09

Tgt Ion:113 Resp: 54090
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 19.4 15.4 23.2





#39

Methylcyclohexane

Concen: 4.206 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX033163.D

Acq: 01 Dec 2022 15:09

Instrument :

MSVOA_X

ClientSampleId :

MW-15DL

Tgt Ion: 83 Resp: 8592

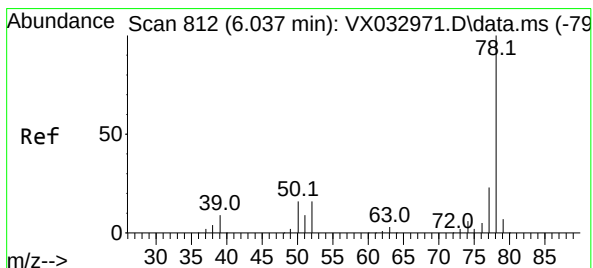
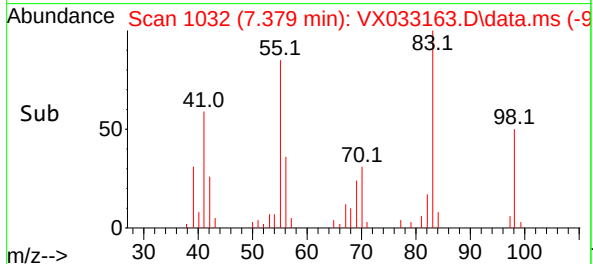
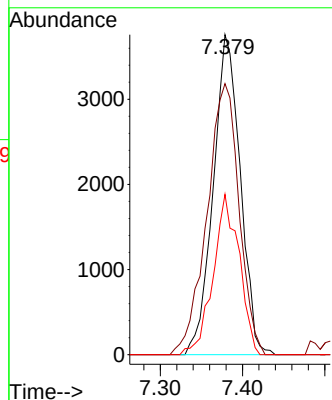
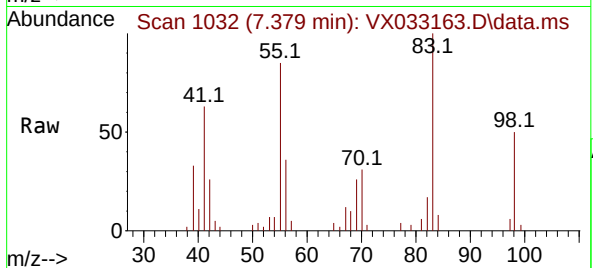
Ion	Ratio	Lower	Upper
83	100		
55	84.7	58.4	87.6
98	50.1	37.2	55.8

Manual Integrations

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#40

Benzene

Concen: 2.004 ug/l

RT: 6.050 min Scan# 814

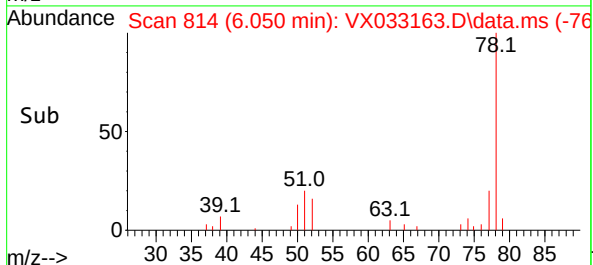
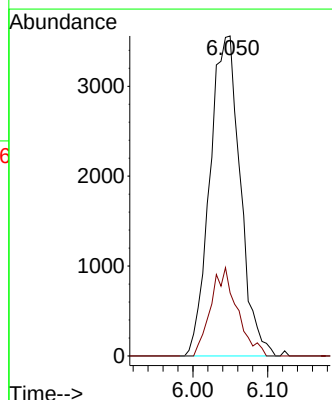
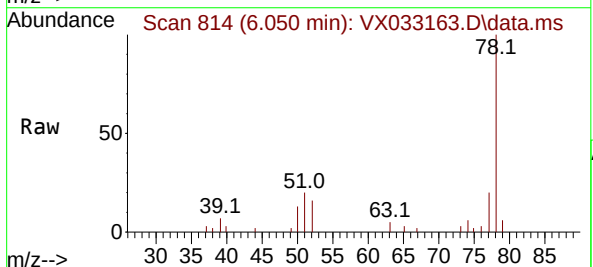
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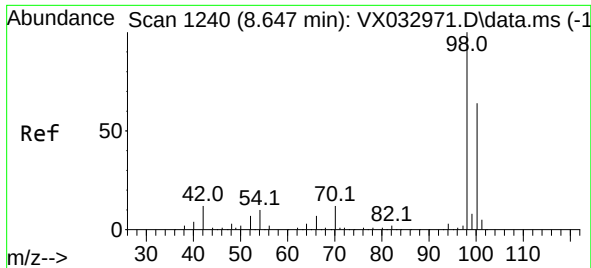
Lab File: VX033163.D

Acq: 01 Dec 2022 15:09

Tgt Ion: 78 Resp: 10060

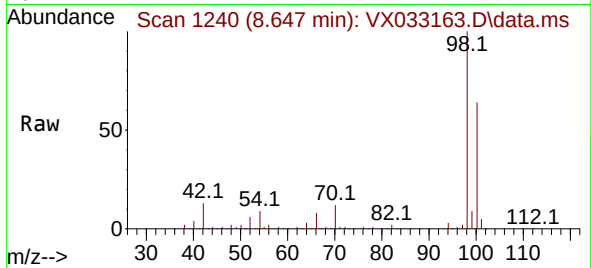
Ion	Ratio	Lower	Upper
78	100		
77	19.7	19.0	28.4





#50
Toluene-d8
Concen: 53.685 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033163.D
Acq: 01 Dec 2022 15:09

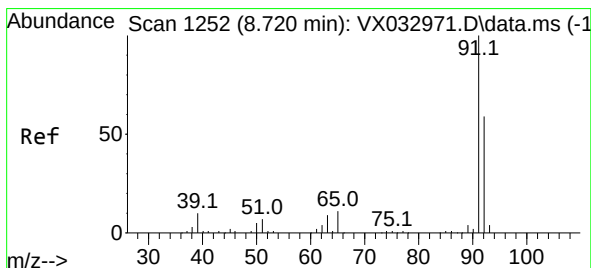
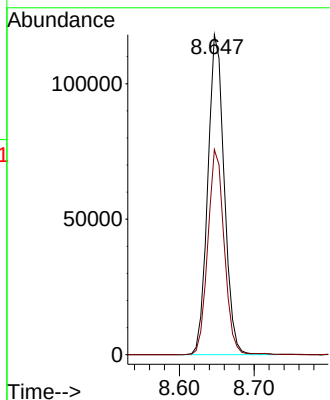
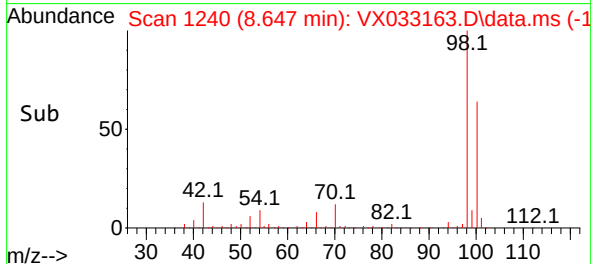
Instrument :
MSVOA_X
ClientSampleId :
MW-15DL



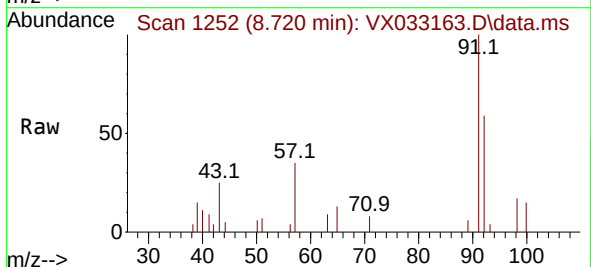
Tgt Ion: 98 Resp: 180314
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3

Manual Integrations
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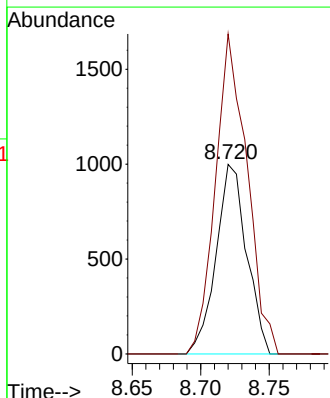
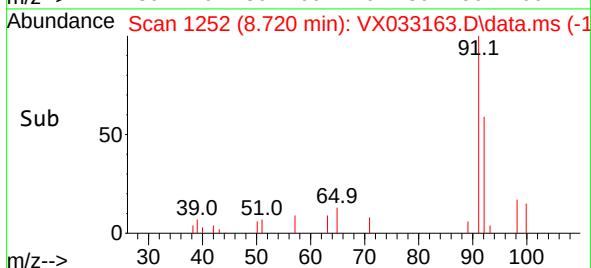
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

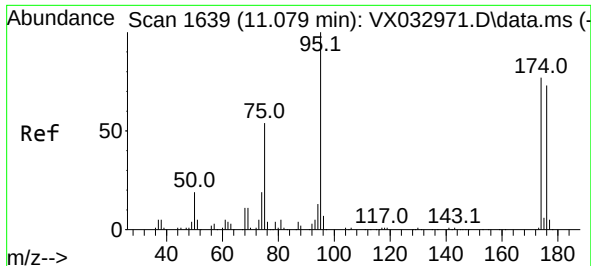


#52
Toluene
Concen: 0.469 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033163.D
Acq: 01 Dec 2022 15:09



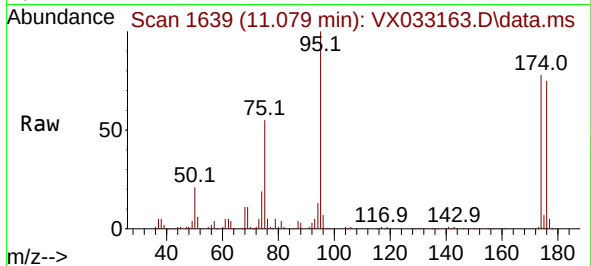
Tgt Ion: 92 Resp: 1549
Ion Ratio Lower Upper
92 100
91 174.6 138.3 207.5





#62
4-Bromofluorobenzene
Concen: 47.351 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033163.D
Acq: 01 Dec 2022 15:09

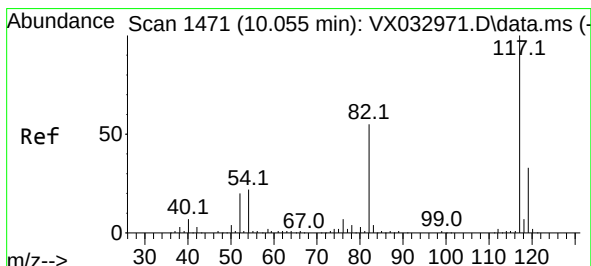
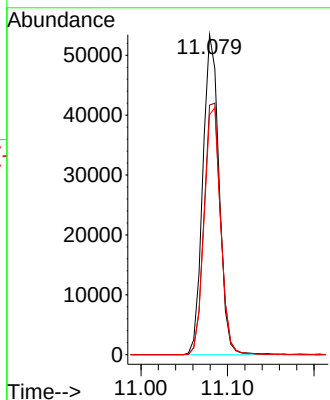
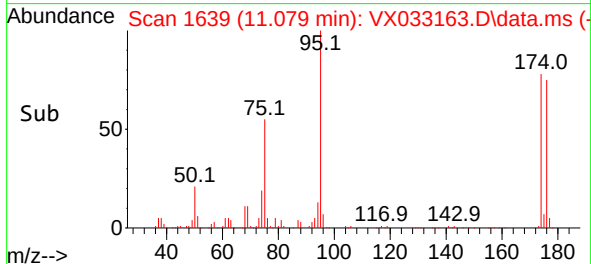
Instrument :
MSVOA_X
ClientSampleId :
MW-15DL



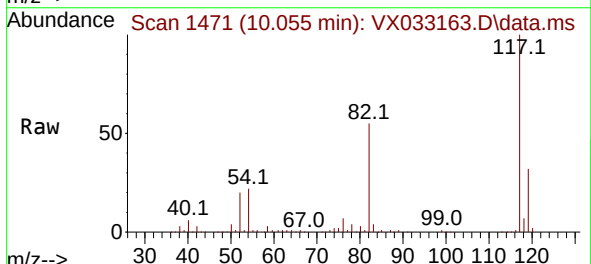
Tgt Ion: 95 Resp: 6964
Ion Ratio Lower Upper
95 100
174 80.1 0.0 164.0
176 78.2 0.0 154.4

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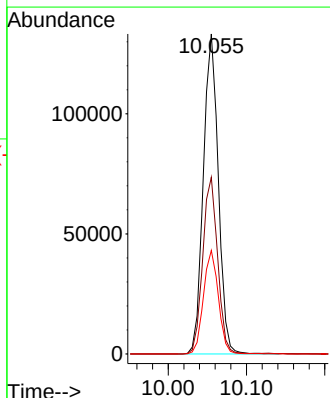
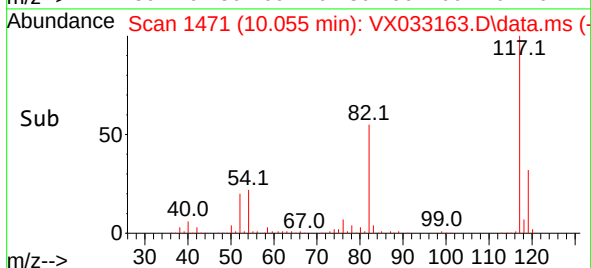
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

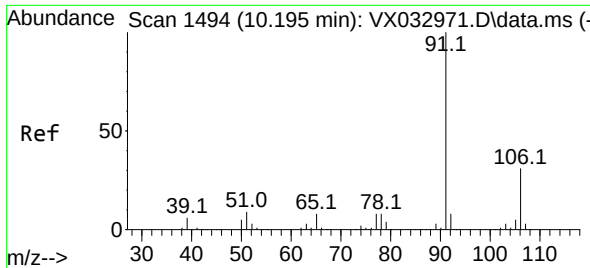


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033163.D
Acq: 01 Dec 2022 15:09



Tgt Ion:117 Resp: 176460
Ion Ratio Lower Upper
117 100
82 55.2 44.3 66.5
119 32.4 25.7 38.5





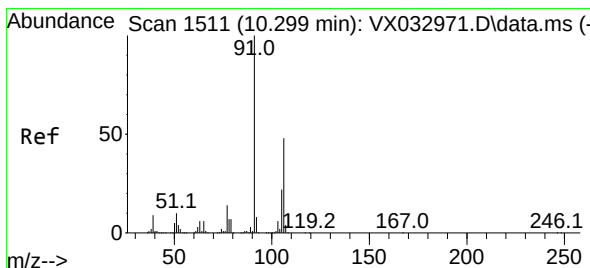
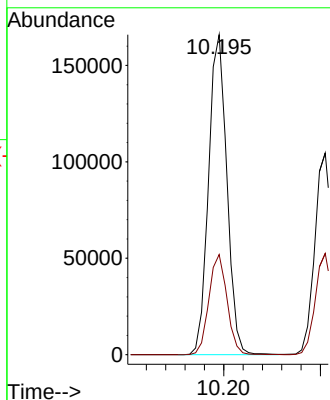
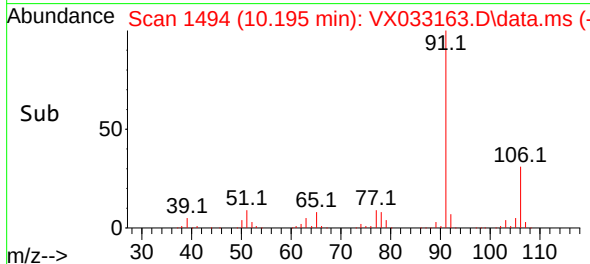
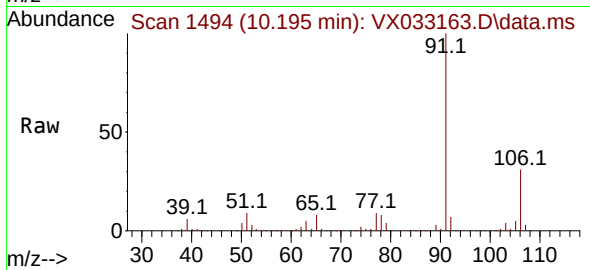
#67
Ethyl Benzene
Concen: 34.910 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033163.D
Acq: 01 Dec 2022 15:09

Instrument :
MSVOA_X
ClientSampleId :
MW-15DL

Tgt Ion: 91 Resp: 21786
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6

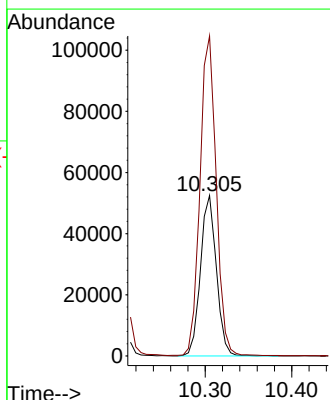
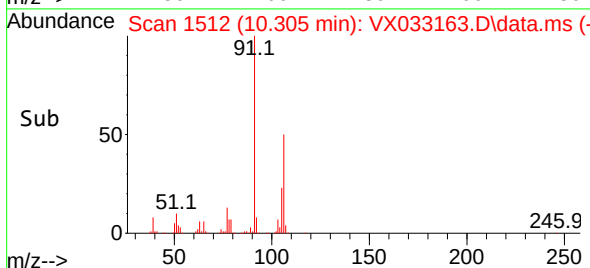
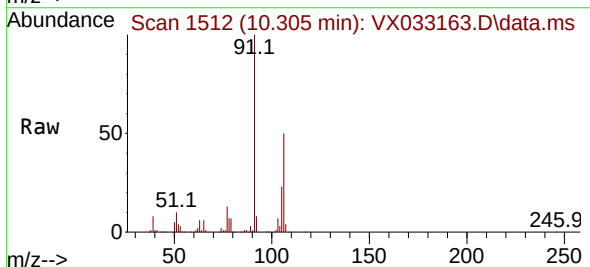
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APPROVED

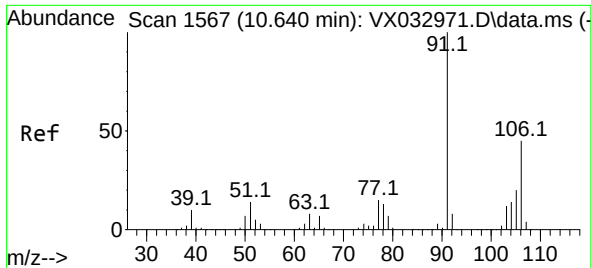
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#68
m/p-Xylenes
Concen: 27.437 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX033163.D
Acq: 01 Dec 2022 15:09

Tgt Ion:106 Resp: 67051
Ion Ratio Lower Upper
106 100
91 203.2 164.5 246.7





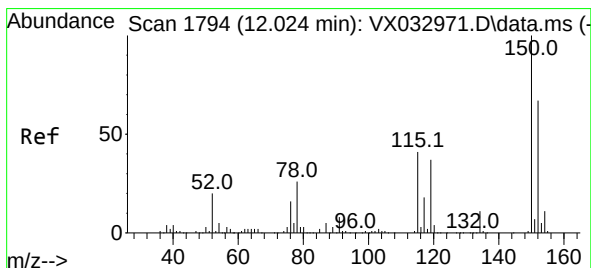
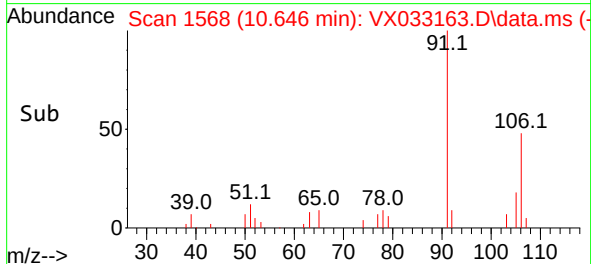
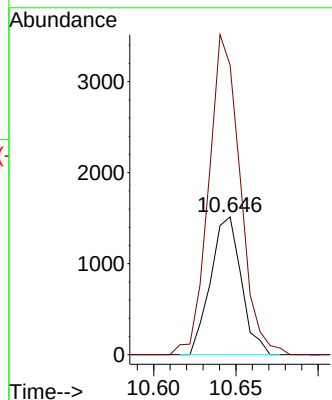
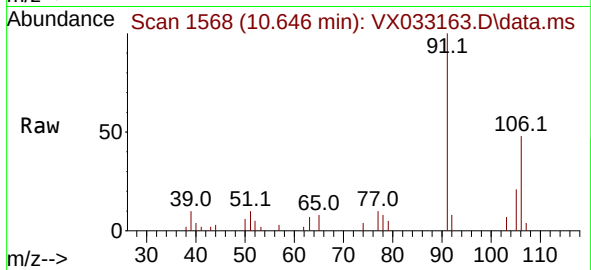
#69
o-Xylene
Concen: 0.831 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033163.D
Acq: 01 Dec 2022 15:09

Instrument :
MSVOA_X
ClientSampleId :
MW-15DL

Tgt Ion:106 Resp: 1964
Ion Ratio Lower Upper
106 100
91 238.2 109.2 327.6

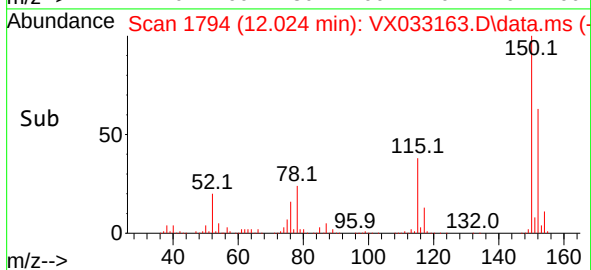
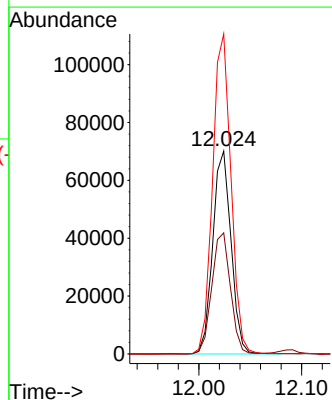
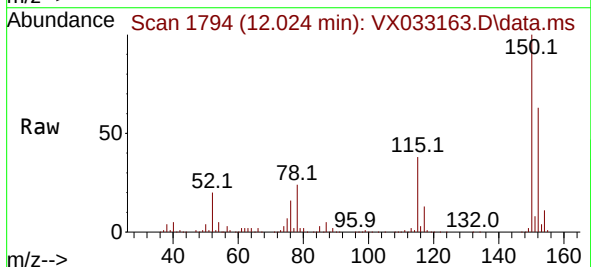
Manual Integrations
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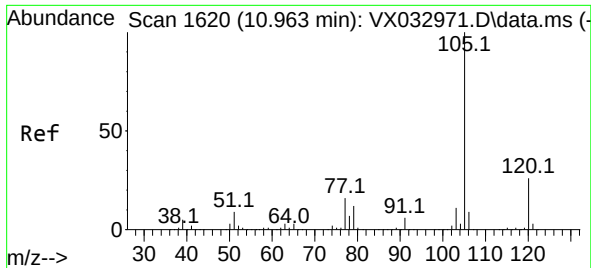
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033163.D
Acq: 01 Dec 2022 15:09

Tgt Ion:152 Resp: 86369
Ion Ratio Lower Upper
152 100
115 61.0 44.0 132.0
150 158.7 0.0 351.8





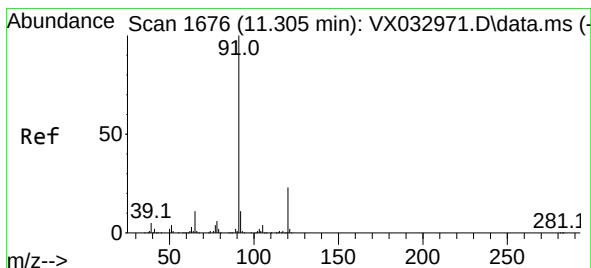
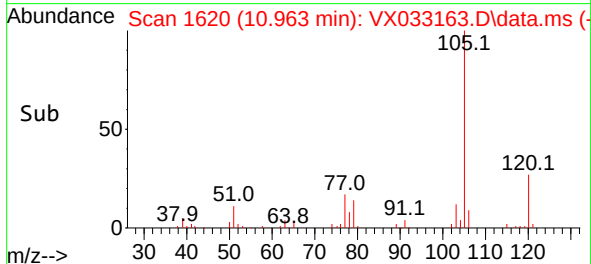
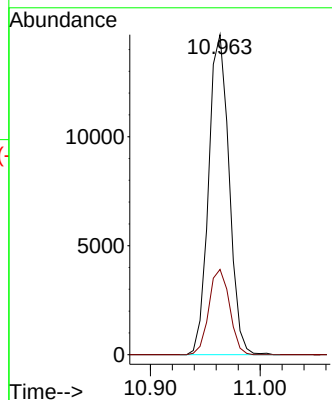
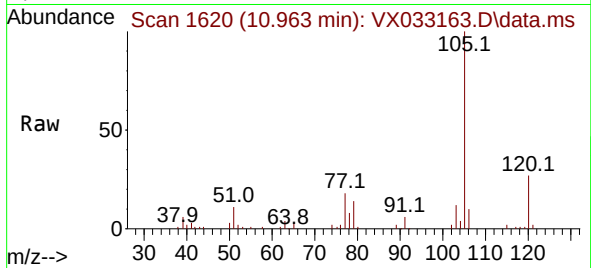
#73
Isopropylbenzene
Concen: 3.086 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033163.D
Acq: 01 Dec 2022 15:09

Instrument :
MSVOA_X
ClientSampleId :
MW-15DL

Tgt Ion:105 Resp: 1904
Ion Ratio Lower Upper
105 100
120 26.9 13.1 39.3

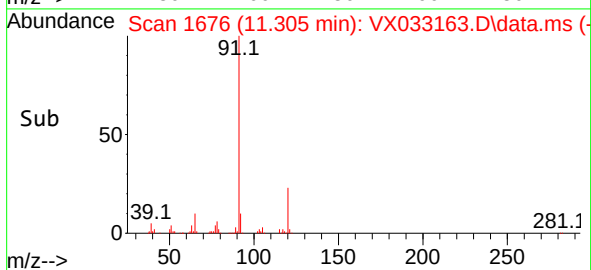
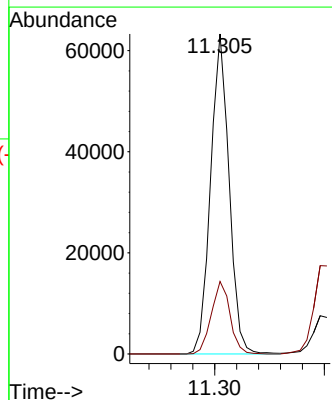
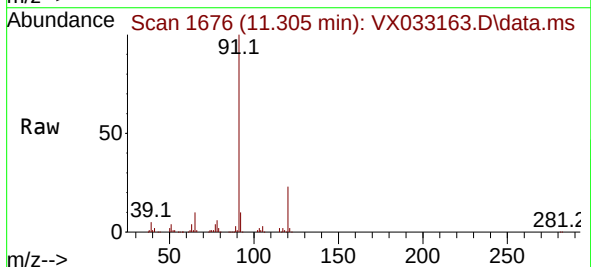
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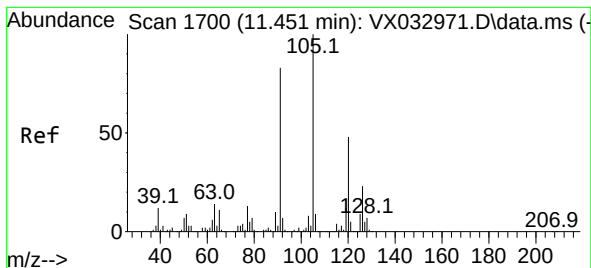
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#78
n-propylbenzene
Concen: 10.493 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033163.D
Acq: 01 Dec 2022 15:09

Tgt Ion: 91 Resp: 74047
Ion Ratio Lower Upper
91 100
120 22.9 11.6 34.8





#80

1,3,5-Trimethylbenzene

Concen: 3.493 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX033163.D

Acq: 01 Dec 2022 15:09

Instrument :

MSVOA_X

ClientSampleId :

MW-15DL

Tgt Ion:105 Resp: 18110

Ion Ratio Lower Upper

105 100

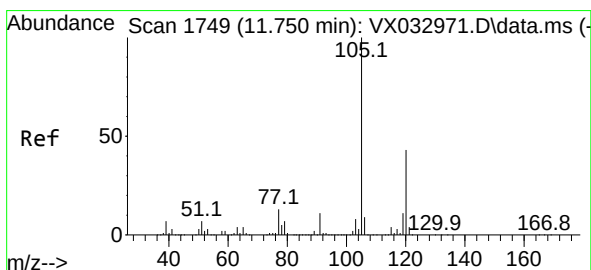
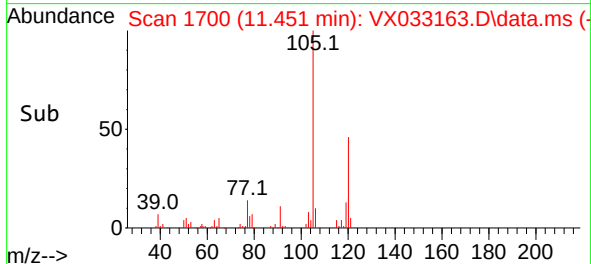
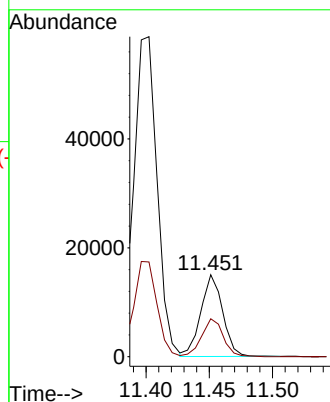
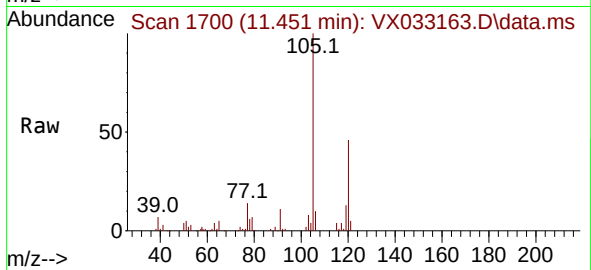
120 46.0 23.6 71.0

Manual Integrations

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Reviewed By :John Carlone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#84

1,2,4-Trimethylbenzene

Concen: 30.541 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX033163.D

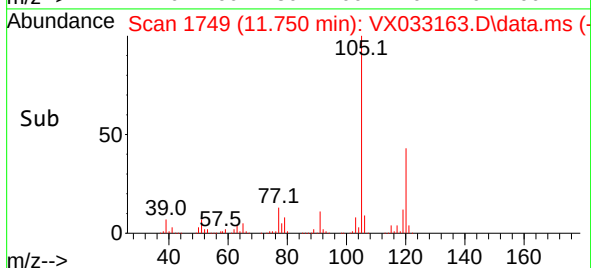
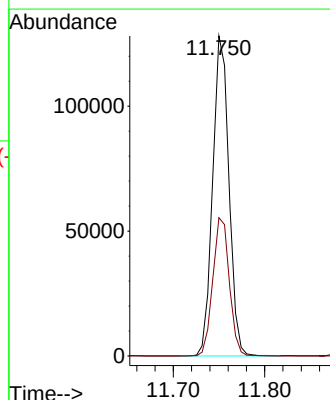
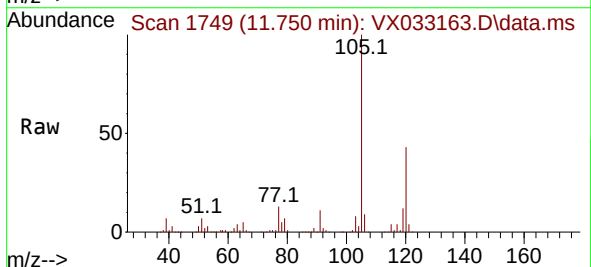
Acq: 01 Dec 2022 15:09

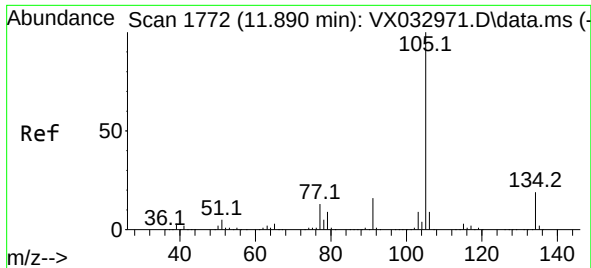
Tgt Ion:105 Resp: 157891

Ion Ratio Lower Upper

105 100

120 44.0 21.9 65.5





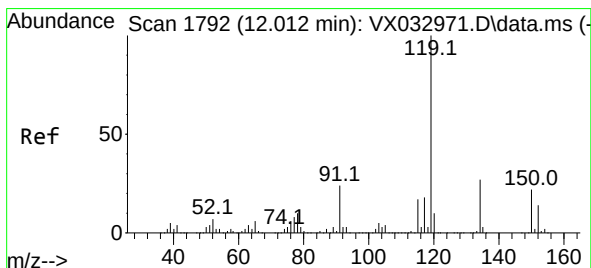
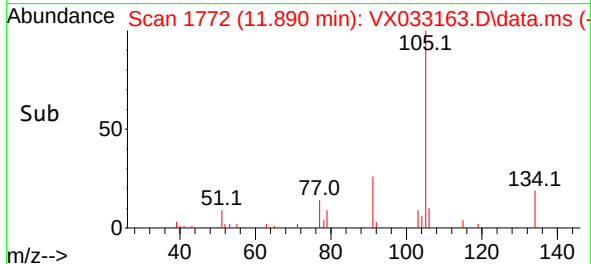
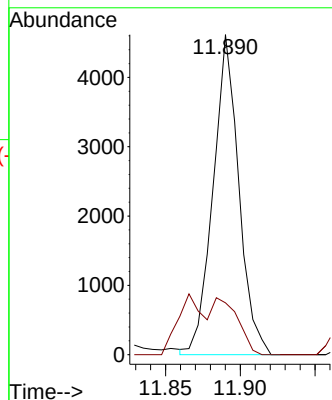
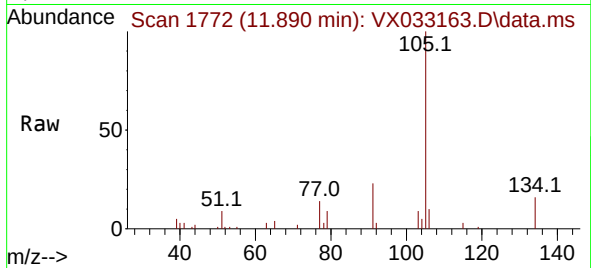
#85
 sec-Butylbenzene
 Concen: 0.894 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033163.D
 Acq: 01 Dec 2022 15:09

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15DL

Tgt Ion:105 Resp: 551
 Ion Ratio Lower Upper
 105 100
 134 17.2 9.9 29.7

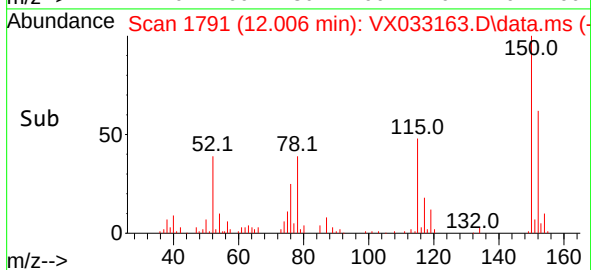
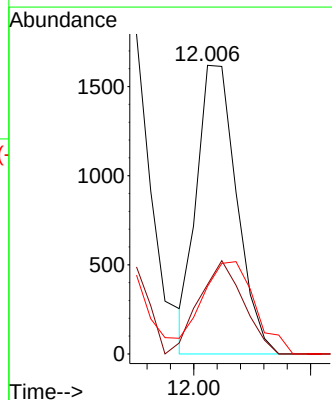
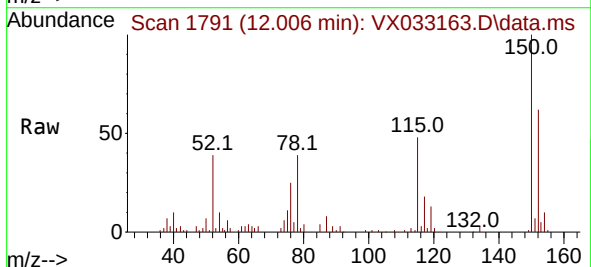
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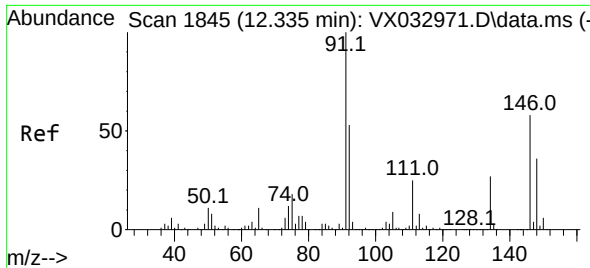
Reviewed By :John Carlone 12/02/2022
 Supervised By :Mahesh Dadoda 12/02/2022



#86
 p-Isopropyltoluene
 Concen: 0.369 ug/l m
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX033163.D
 Acq: 01 Dec 2022 15:09

Tgt Ion:119 Resp: 1930
 Ion Ratio Lower Upper
 119 100
 134 33.7 12.9 38.7
 91 35.7 12.5 37.5





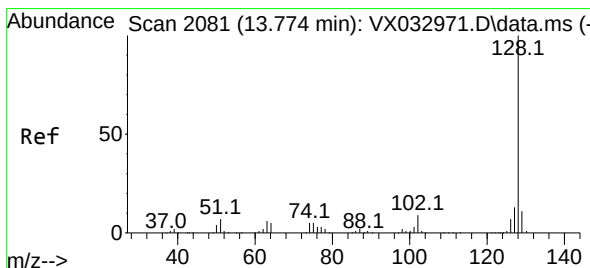
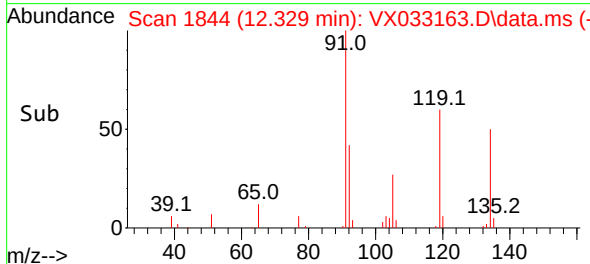
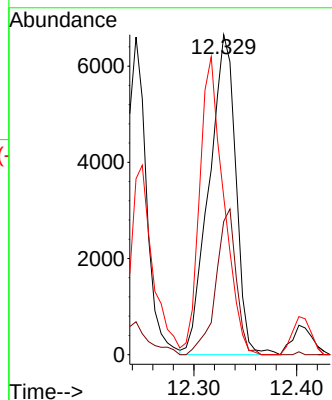
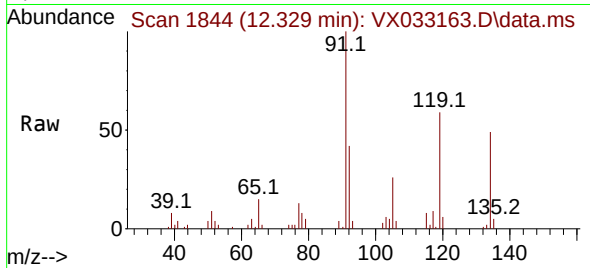
#89
n-Butylbenzene
Concen: 2.664 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX033163.D
Acq: 01 Dec 2022 15:09

Instrument :
MSVOA_X
ClientSampleId :
MW-15DL

Tgt Ion: 91 Resp: 1200
Ion Ratio Lower Upper
91 100
92 34.7 26.2 78.6
134 84.0 12.9 38.6

Manual Integrations
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Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#95
Naphthalene
Concen: 6.451 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX033163.D
Acq: 01 Dec 2022 15:09

Tgt Ion:128 Resp: 35627
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.3 8.9 13.3

