

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120122\
 Data File : VX033153.D
 Acq On : 01 Dec 2022 11:19
 Operator : JC/MD
 Sample : N5815-05DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03DL

Quant Time: Dec 02 00:48:32 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	5.556	168	157984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	249818	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113834	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78114	50.641	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.280%			
35) Dibromofluoromethane	5.391	113	62594	44.444	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 88.880%			
50) Toluene-d8	8.647	98	211620	49.936	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.880%			
62) 4-Bromofluorobenzene	11.079	95	82783	44.746	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.500%			
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	1705	1.309	ug/l	89
6) Chloroethane	1.691	64	718	0.608	ug/l #	80
16) Acetone	2.398	43	11765	16.374	ug/l	94
17) Carbon Disulfide	2.514	76	3584	0.941	ug/l #	93
25) 2-Butanone	4.580	43	9898	9.990	ug/l	97
31) Cyclohexane	5.477	56	27040	10.847	ug/l	93
39) Methylcyclohexane	7.379	83	18223	7.092	ug/l	95
40) Benzene	6.037	78	32561	5.157	ug/l	98
52) Toluene	8.720	92	4319	1.040	ug/l	100
67) Ethyl Benzene	10.195	91	645220	82.092	ug/l	99
68) m/p-Xylenes	10.305	106	196022	63.689	ug/l	100
69) o-Xylene	10.646	106	5667	1.903	ug/l	90
73) Isopropylbenzene	10.963	105	54626	6.715	ug/l	99
78) n-propylbenzene	11.305	91	204619	22.001	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	45853	6.710	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	412122	60.483	ug/l	100
85) sec-Butylbenzene	11.890	105	12540	1.541	ug/l	94
86) p-Isopropyltoluene	12.012	119	4490	0.651	ug/l	82
89) n-Butylbenzene	12.329	91	13028m	2.193	ug/l	
95) Naphthalene	13.774	128	90165	12.387	ug/l	99

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

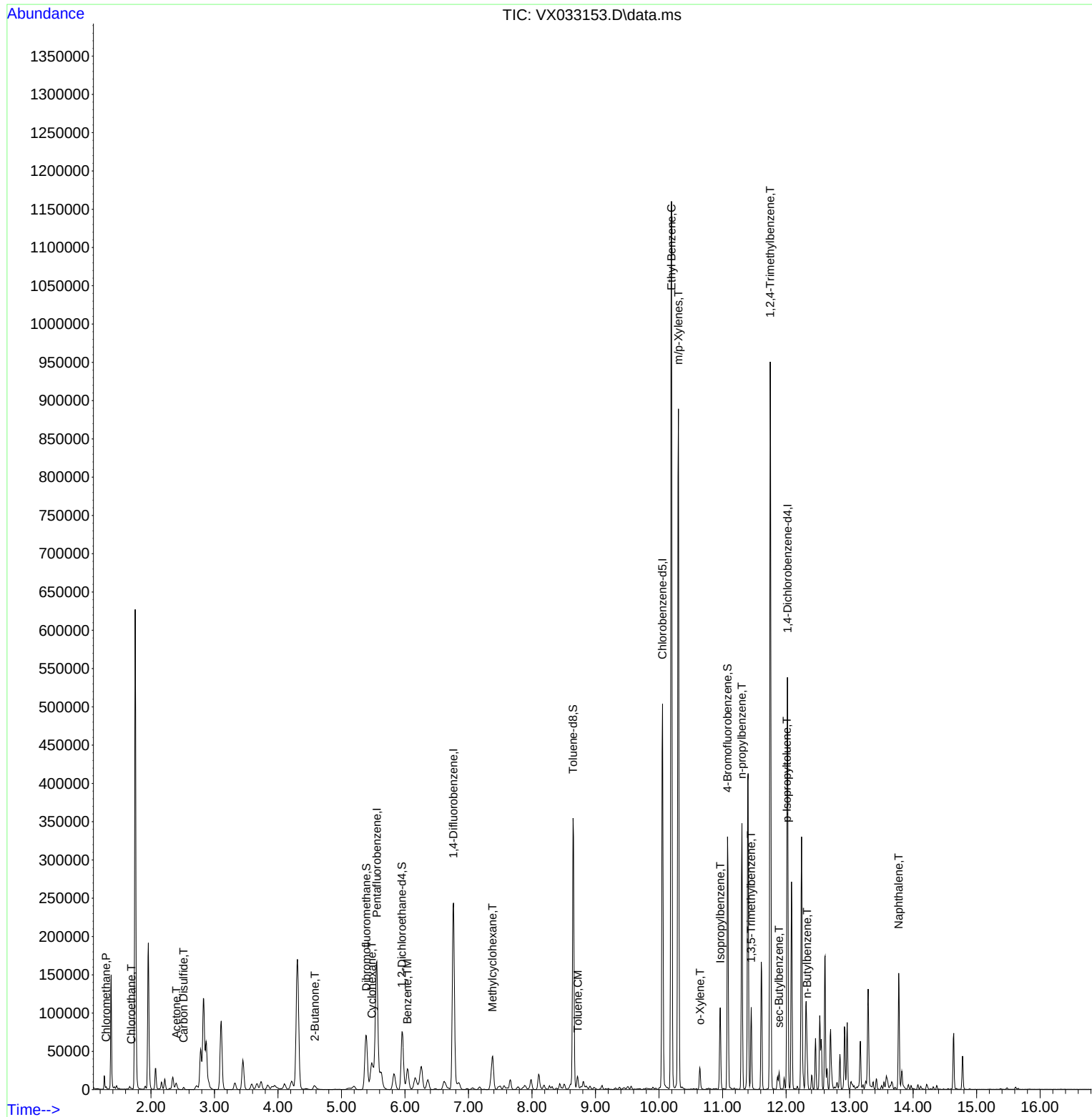
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120122\
Data File : VX033153.D
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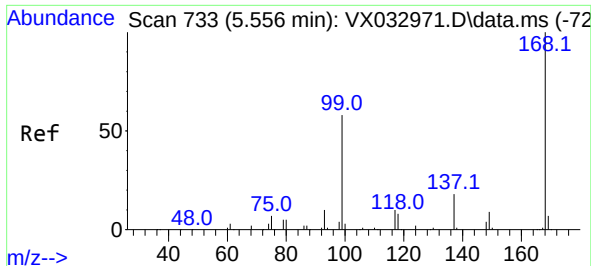
Instrument :
MSVOA_X
ClientSampleId :
MW-03DL

Quant Time: Dec 02 00:48:32 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

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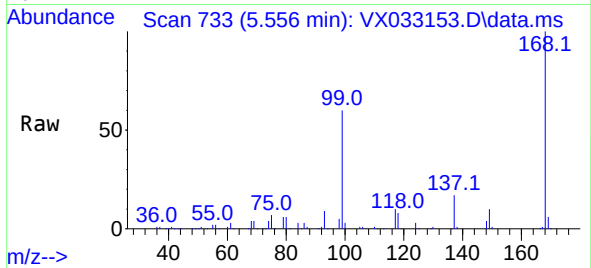
Reviewed By : John Carlone 12/02/2022
Supervised By : Mahesh Dadoda 12/02/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033153.D
Acq: 01 Dec 2022 11:19

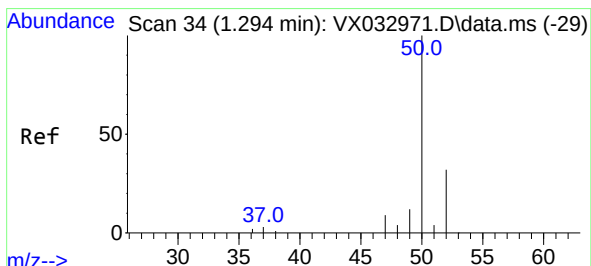
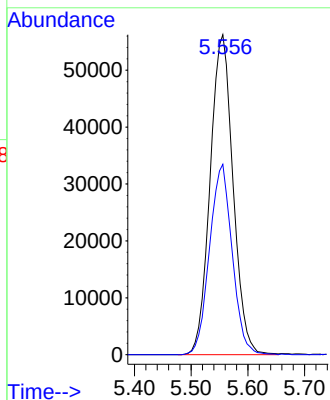
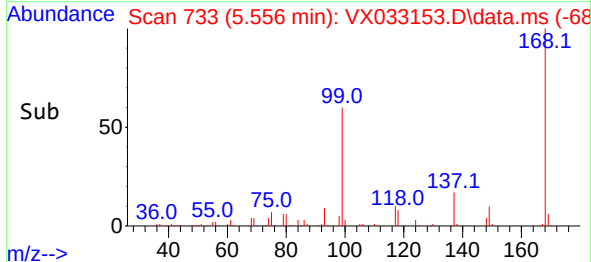
Instrument :
MSVOA_X
ClientSampleId :
MW-03DL



Tgt Ion:168 Resp: 157984
Ion Ratio Lower Upper
168 100
99 59.5 46.1 69.1

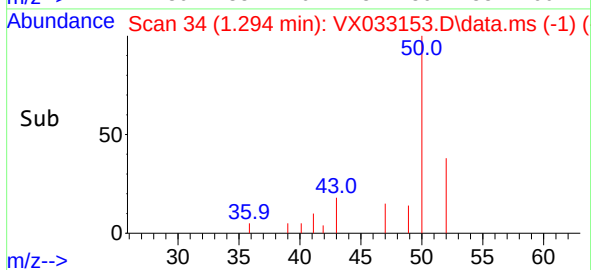
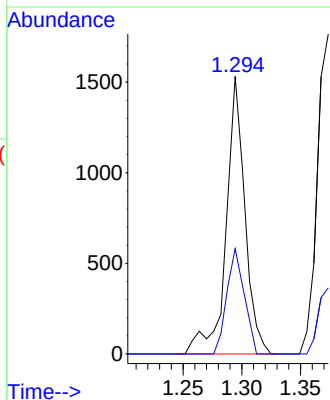
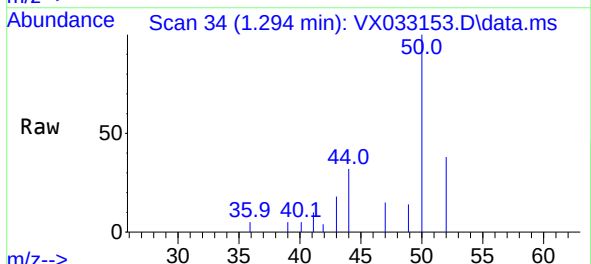
Manual Integrations
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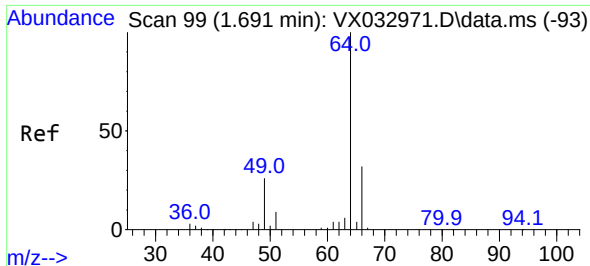
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#3
Chloromethane
Concen: 1.309 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033153.D
Acq: 01 Dec 2022 11:19

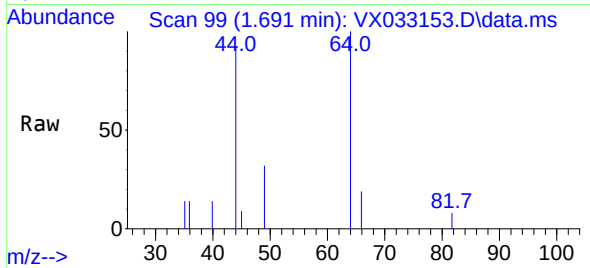
Tgt Ion: 50 Resp: 1705
Ion Ratio Lower Upper
50 100
52 37.9 25.4 38.2





#6
Chloroethane
Concen: 0.608 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX033153.D
Acq: 01 Dec 2022 11:19

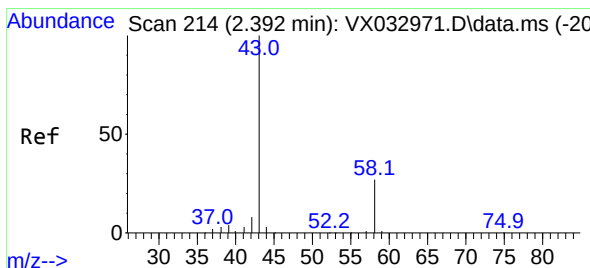
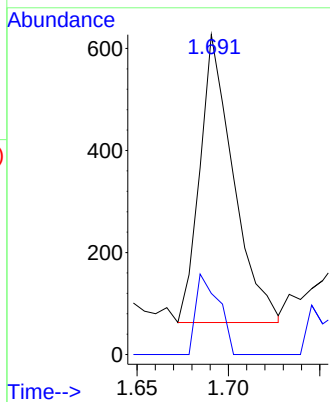
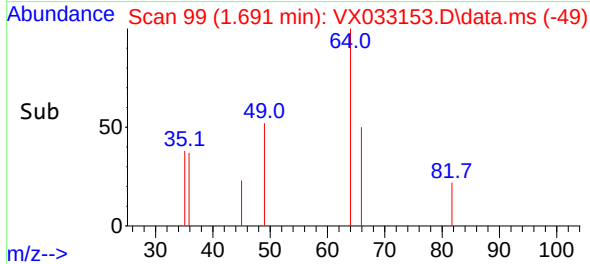
Instrument :
MSVOA_X
Client Sample Id :
MW-03DL



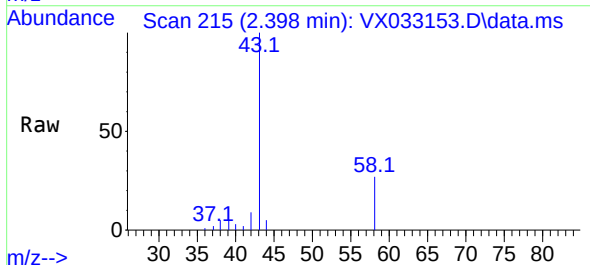
Tgt Ion: 64 Resp: 718
Ion Ratio Lower Upper
64 100
66 21.3 26.0 39.0

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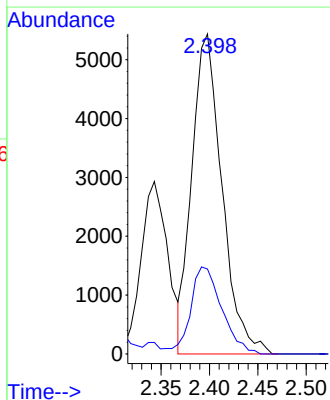
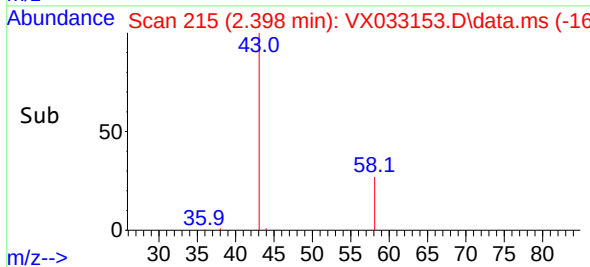
Reviewed By : John Carlone 12/02/2022
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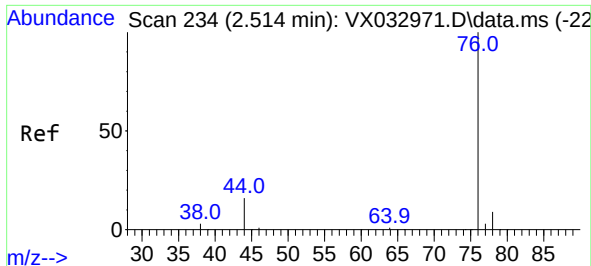


#16
Acetone
Concen: 16.374 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.018 min
Lab File: VX033153.D
Acq: 01 Dec 2022 11:19



Tgt Ion: 43 Resp: 11765
Ion Ratio Lower Upper
43 100
58 26.6 23.8 35.8





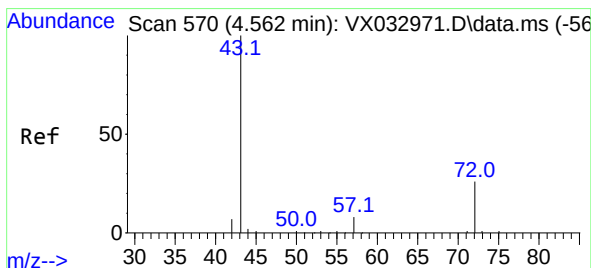
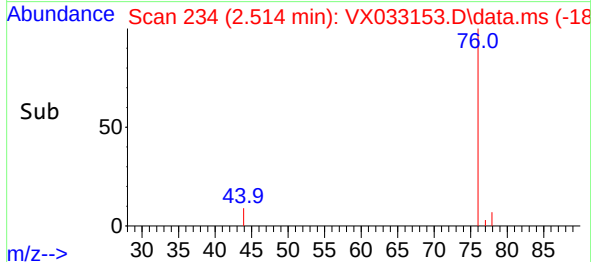
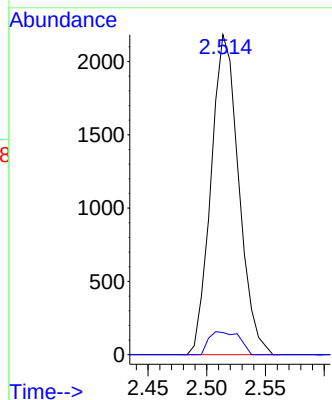
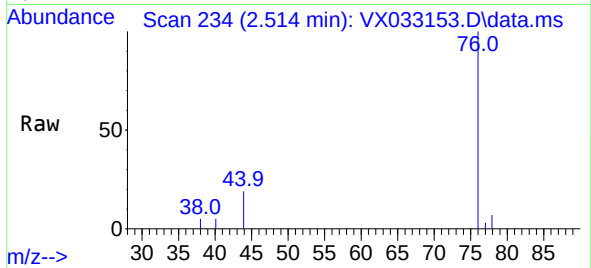
#17
Carbon Disulfide
Concen: 0.941 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033153.D
Acq: 01 Dec 2022 11:19

Instrument :
MSVOA_X
ClientSampleId :
MW-03DL

Tgt Ion: 76 Resp: 3584
Ion Ratio Lower Upper
76 100
78 6.9 7.5 11.3

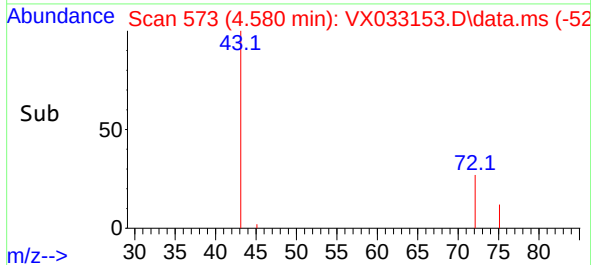
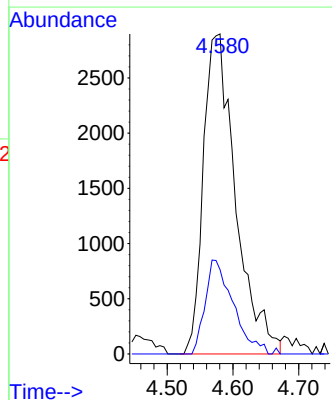
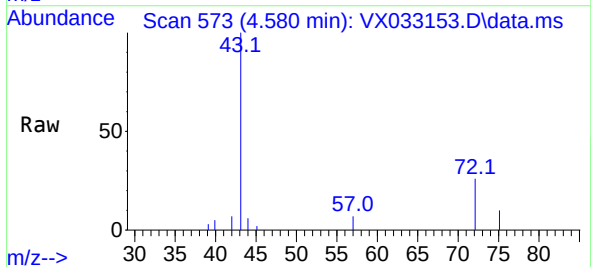
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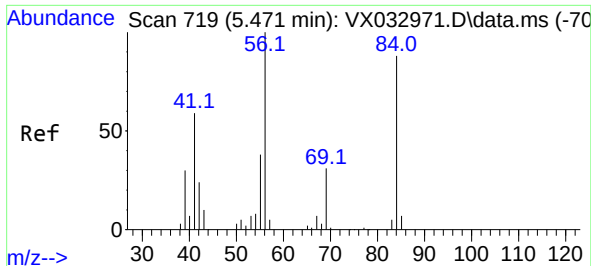
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#25
2-Butanone
Concen: 9.990 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.024 min
Lab File: VX033153.D
Acq: 01 Dec 2022 11:19

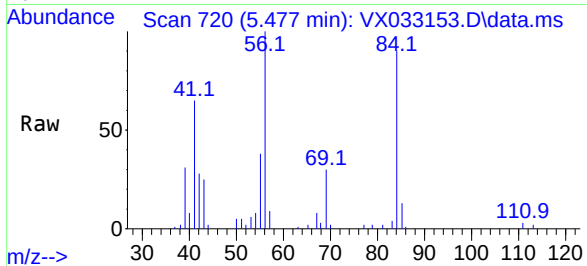
Tgt Ion: 43 Resp: 9898
Ion Ratio Lower Upper
43 100
72 26.3 22.2 33.2





#31
Cyclohexane
Concen: 10.847 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.007 min
Lab File: VX033153.D
Acq: 01 Dec 2022 11:19

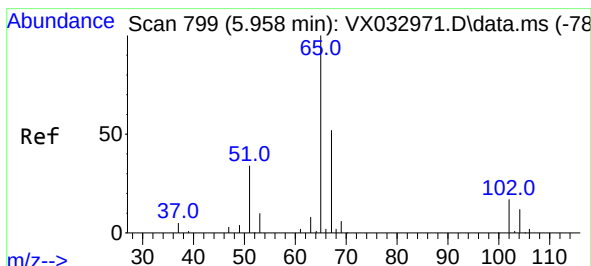
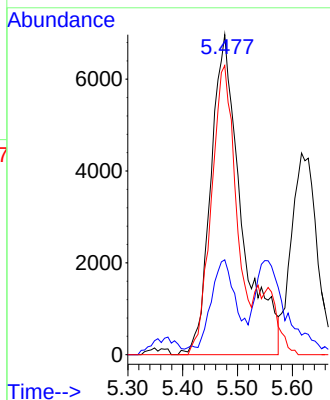
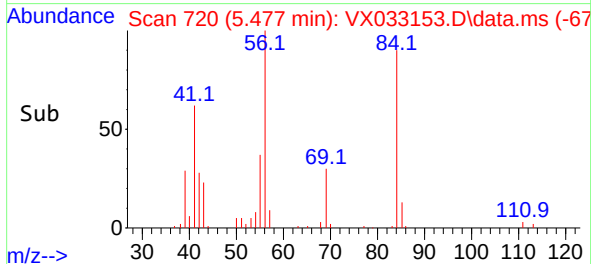
Instrument :
MSVOA_X
ClientSampleId :
MW-03DL



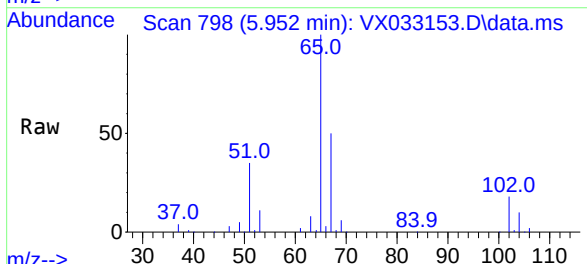
Tgt Ion: 56 Resp: 27040
Ion Ratio Lower Upper
56 100
69 26.3 24.1 36.1
84 90.4 66.9 100.3

Manual Integrations
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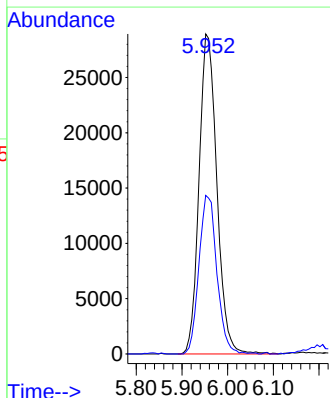
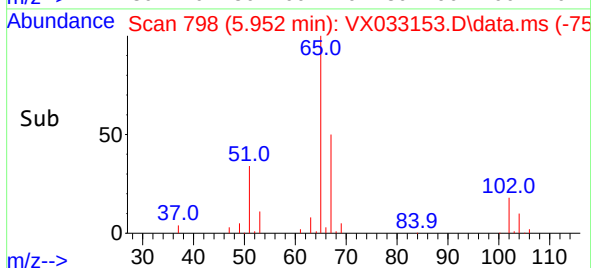
Reviewed By :John Carlone 12/02/2022
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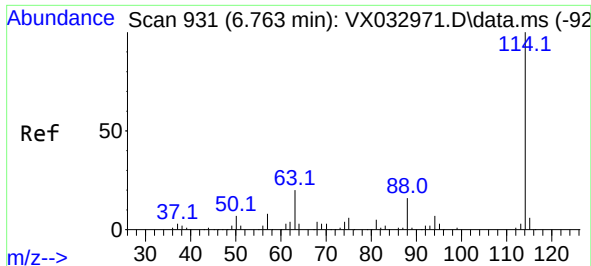


#33
1,2-Dichloroethane-d4
Concen: 50.641 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033153.D
Acq: 01 Dec 2022 11:19



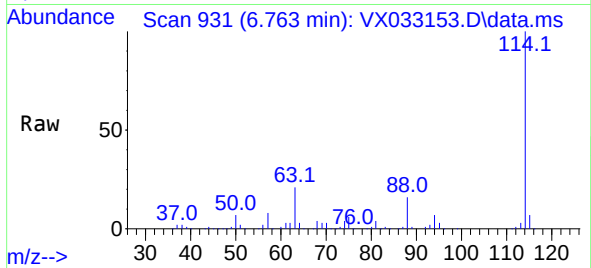
Tgt Ion: 65 Resp: 78114
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX033153.D
Acq: 01 Dec 2022 11:19

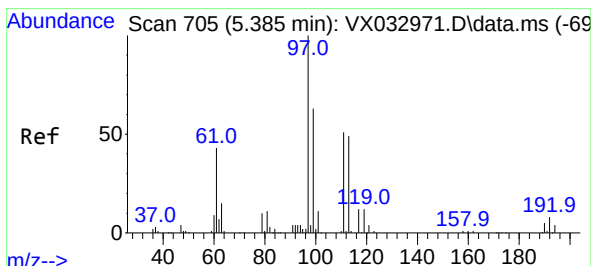
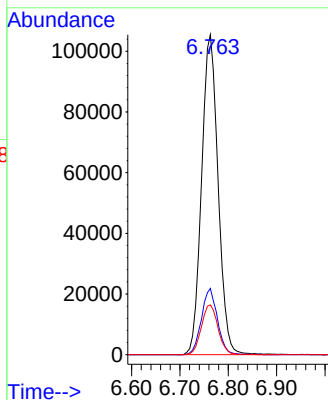
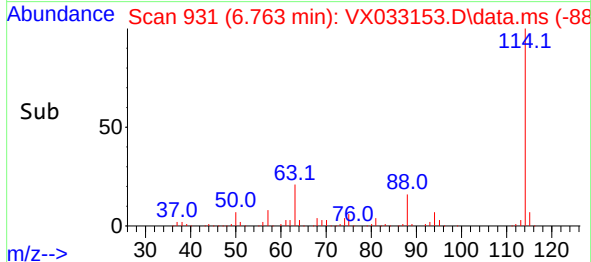
Instrument :
MSVOA_X
ClientSampleId :
MW-03DL



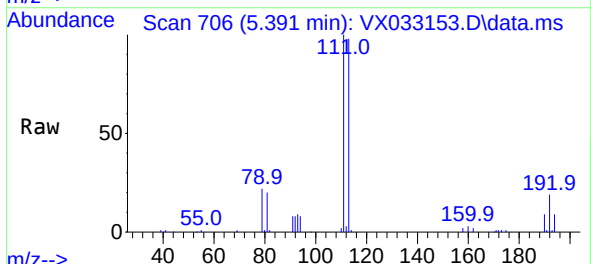
Tgt Ion:114 Resp: 249818
Ion Ratio Lower Upper
114 100
63 20.7 0.0 41.6
88 15.5 0.0 33.4

Manual Integrations
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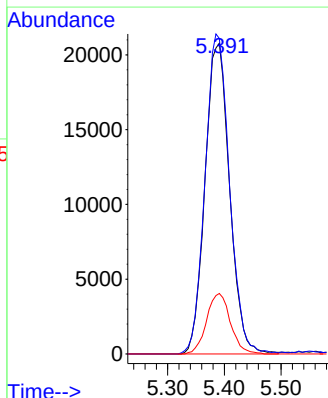
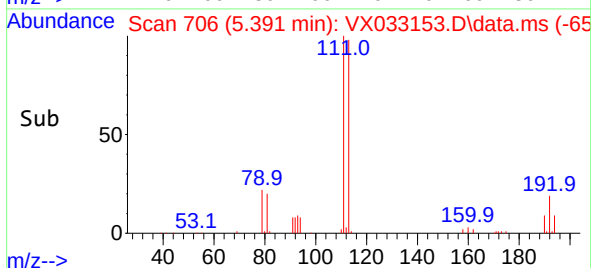
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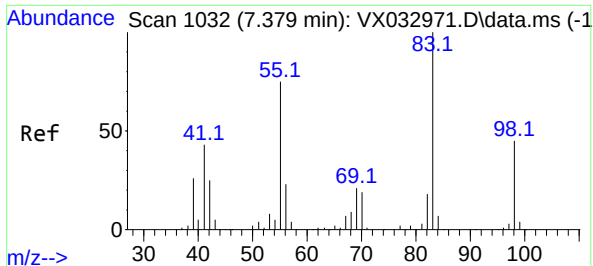


#35
Dibromofluoromethane
Concen: 44.444 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX033153.D
Acq: 01 Dec 2022 11:19



Tgt Ion:113 Resp: 62594
Ion Ratio Lower Upper
113 100
111 102.5 82.4 123.6
192 18.9 15.4 23.2





#39

Methylcyclohexane

Concen: 7.092 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX033153.D

Acq: 01 Dec 2022 11:19

Instrument :

MSVOA_X

ClientSampleId :

MW-03DL

Tgt Ion: 83 Resp: 1822

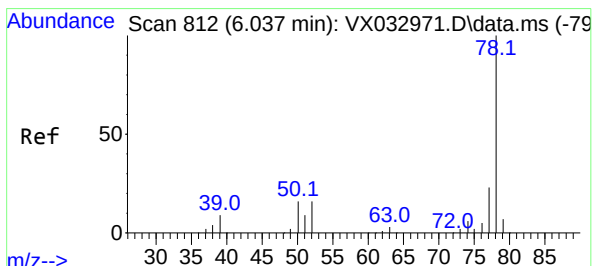
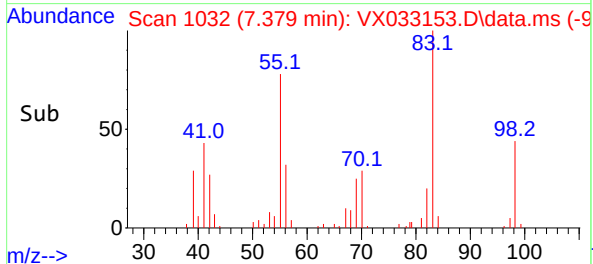
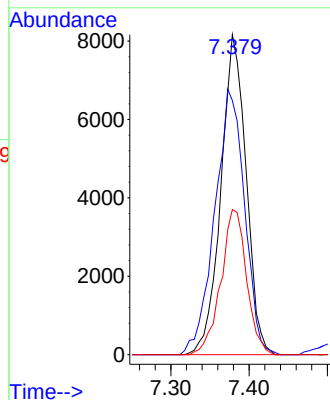
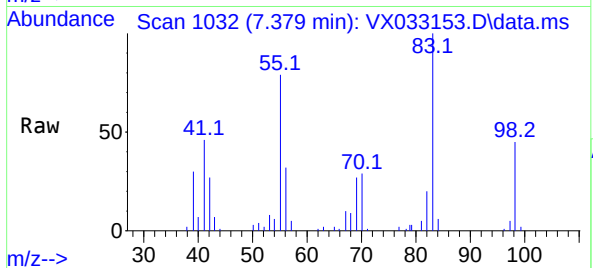
Ion	Ratio	Lower	Upper
83	100		
55	79.4	58.4	87.6
98	45.3	37.2	55.8

Manual Integrations

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Supervised By :Mahesh Dadoda 12/02/2022



#40

Benzene

Concen: 5.157 ug/l

RT: 6.037 min Scan# 812

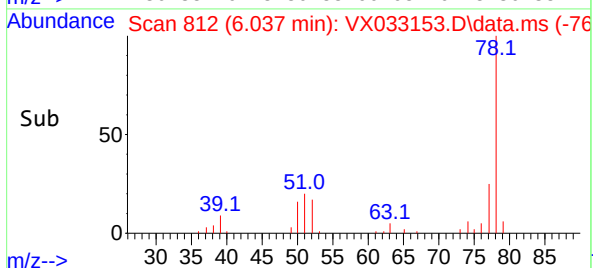
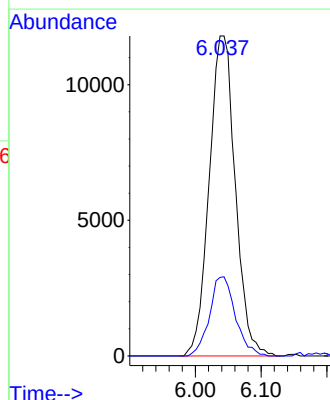
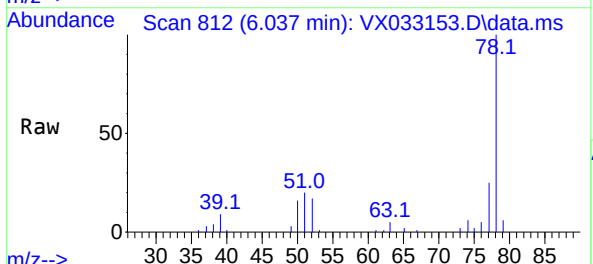
Delta R.T. 0.000 min

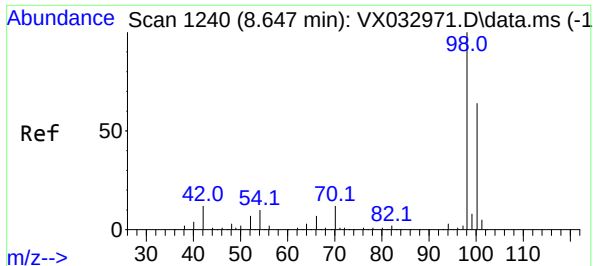
Lab File: VX033153.D

Acq: 01 Dec 2022 11:19

Tgt Ion: 78 Resp: 32561

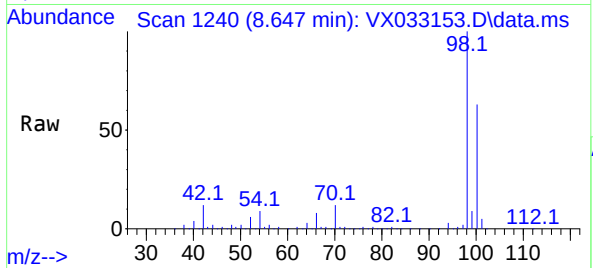
Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.0	28.4





#50
Toluene-d8
Concen: 49.936 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033153.D
Acq: 01 Dec 2022 11:19

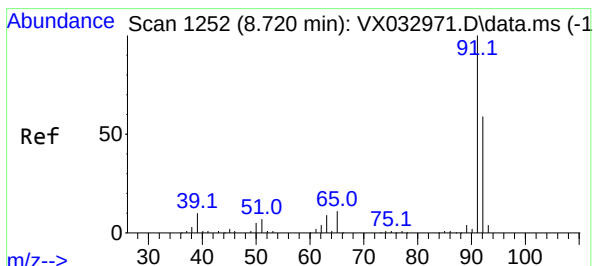
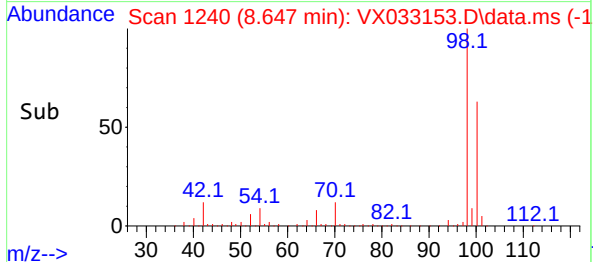
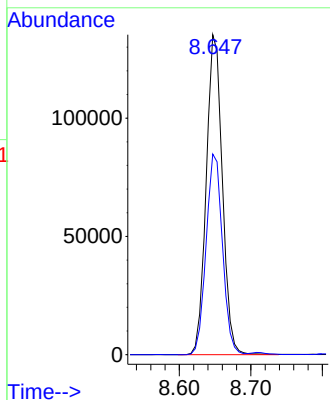
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 98 Resp: 211620
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3

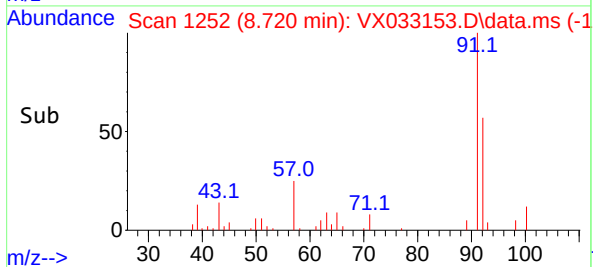
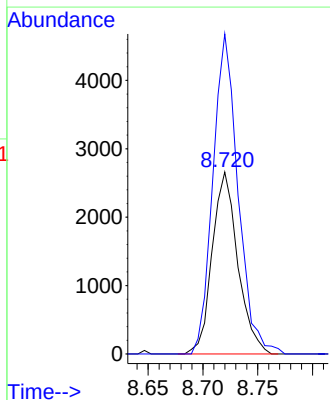
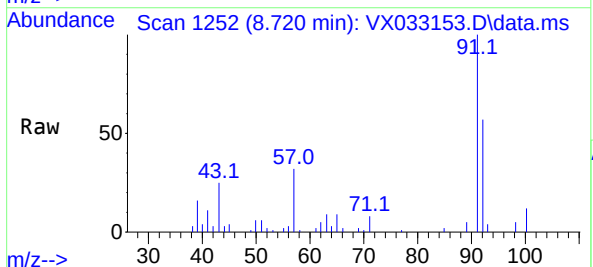
Manual Integrations
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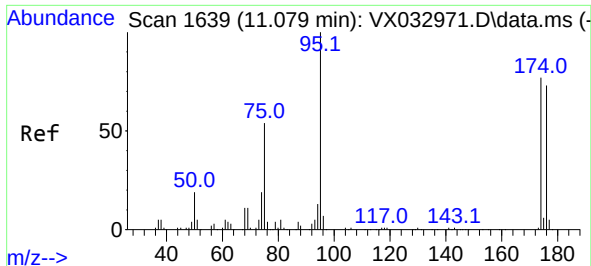
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#52
Toluene
Concen: 1.040 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033153.D
Acq: 01 Dec 2022 11:19

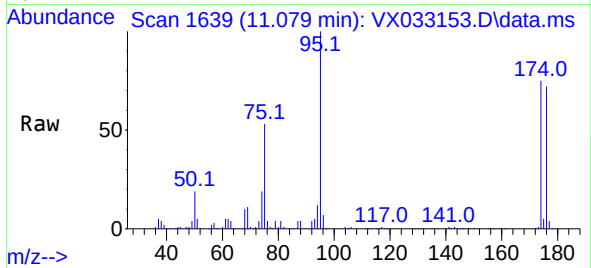
Tgt Ion: 92 Resp: 4319
Ion Ratio Lower Upper
92 100
91 172.9 138.3 207.5





#62
4-Bromofluorobenzene
Concen: 44.746 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033153.D
Acq: 01 Dec 2022 11:19

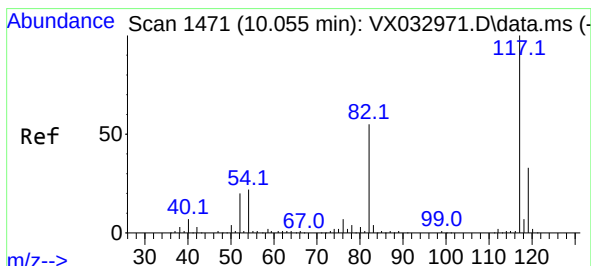
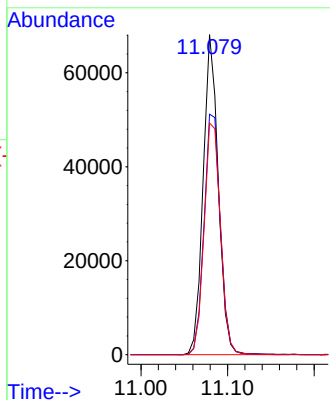
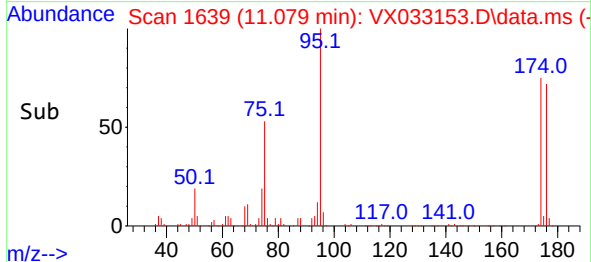
Instrument :
MSVOA_X
ClientSampleId :
MW-03DL



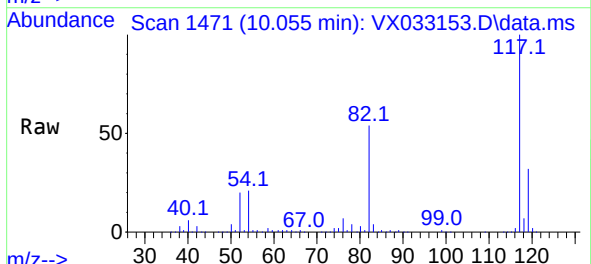
Tgt Ion: 95 Resp: 8278
Ion Ratio Lower Upper
95 100
174 81.1 0.0 164.0
176 78.4 0.0 154.4

Manual Integrations
APPROVED

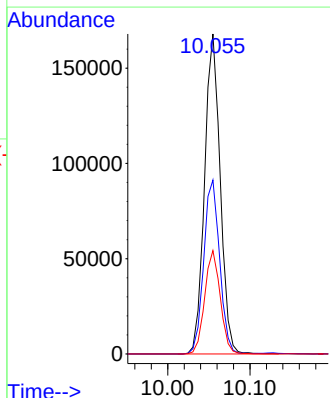
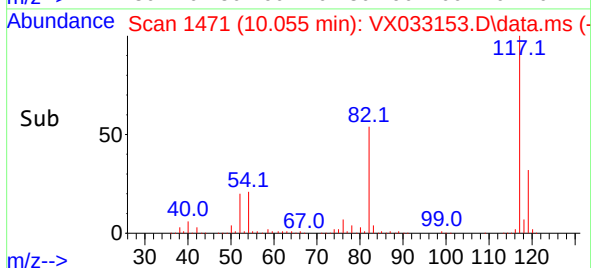
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022

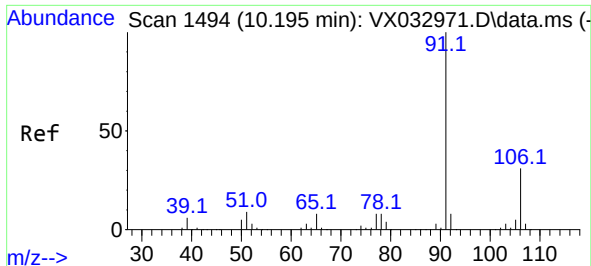


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033153.D
Acq: 01 Dec 2022 11:19



Tgt Ion:117 Resp: 222237
Ion Ratio Lower Upper
117 100
82 54.3 44.3 66.5
119 32.3 25.7 38.5





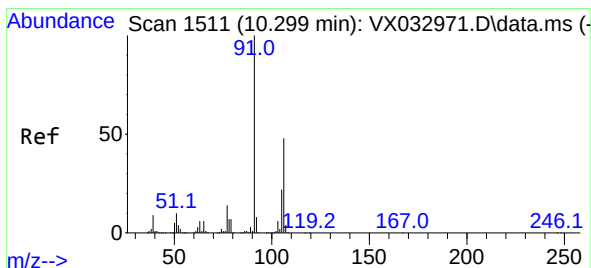
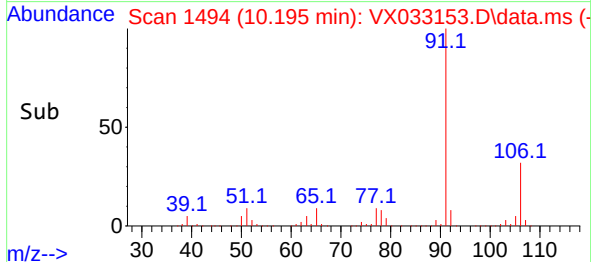
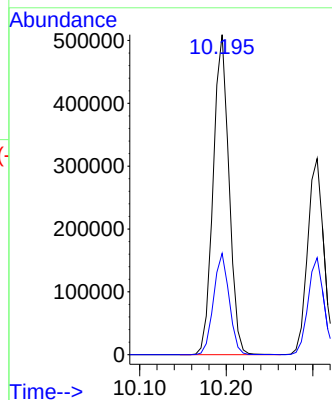
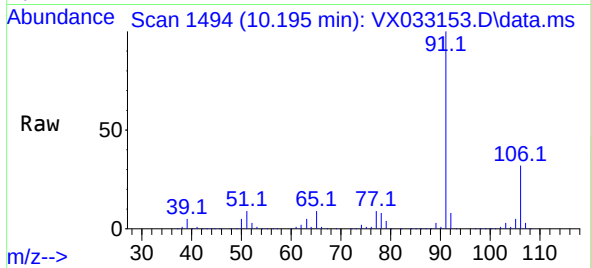
#67
Ethyl Benzene
Concen: 82.092 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033153.D
Acq: 01 Dec 2022 11:19

Instrument :
MSVOA_X
ClientSampleId :
MW-03DL

Tgt Ion: 91 Resp: 645220
Ion Ratio Lower Upper
91 100
106 31.7 25.0 37.6

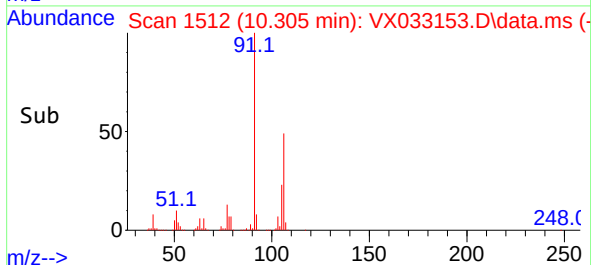
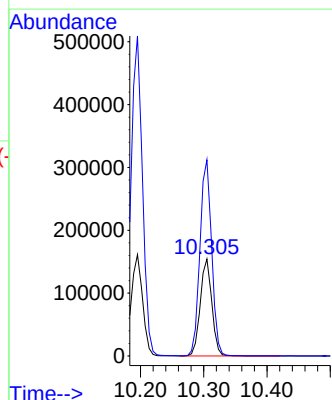
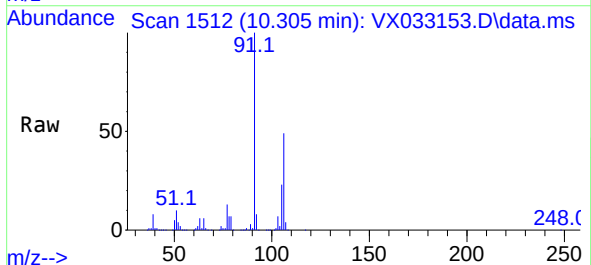
Manual Integrations
APPROVED

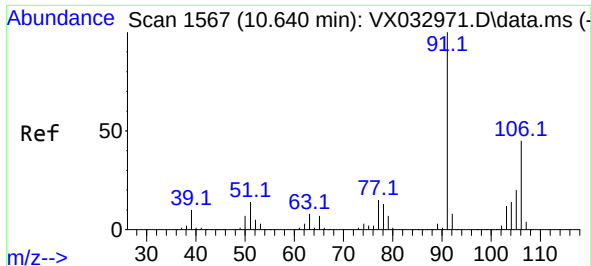
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#68
m/p-Xylenes
Concen: 63.689 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX033153.D
Acq: 01 Dec 2022 11:19

Tgt Ion:106 Resp: 196022
Ion Ratio Lower Upper
106 100
91 205.9 164.5 246.7





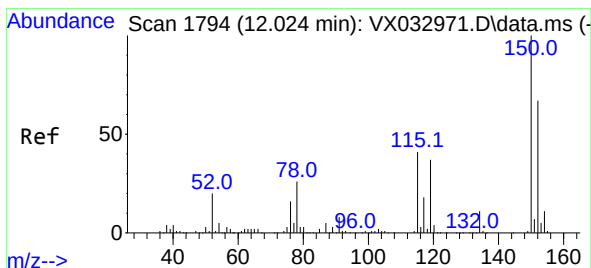
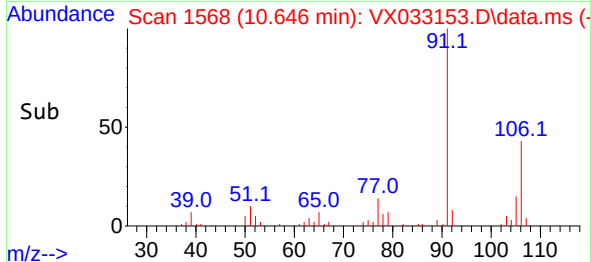
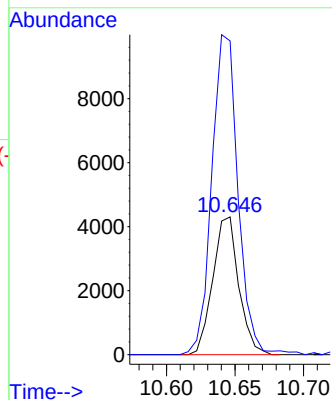
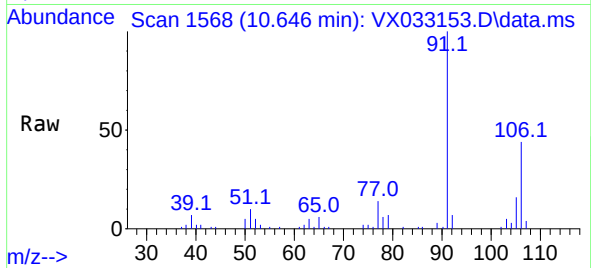
#69
o-Xylene
Concen: 1.903 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033153.D
Acq: 01 Dec 2022 11:19

Instrument :
MSVOA_X
ClientSampleId :
MW-03DL

Tgt Ion:106 Resp: 566
Ion Ratio Lower Upper
106 100
91 234.6 109.2 327.6

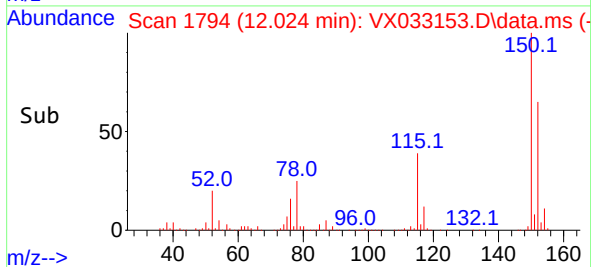
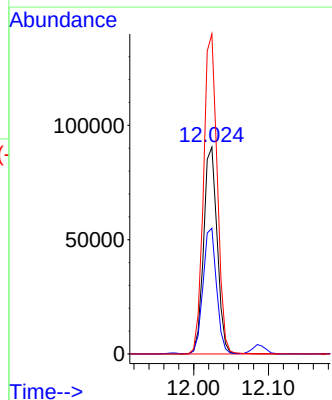
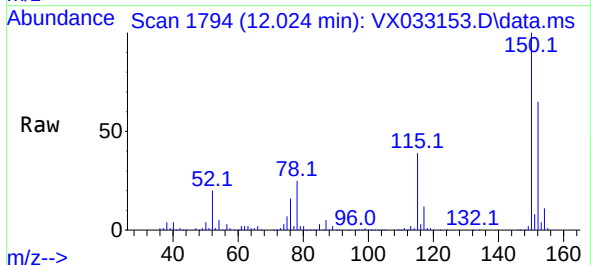
Manual Integrations
APPROVED

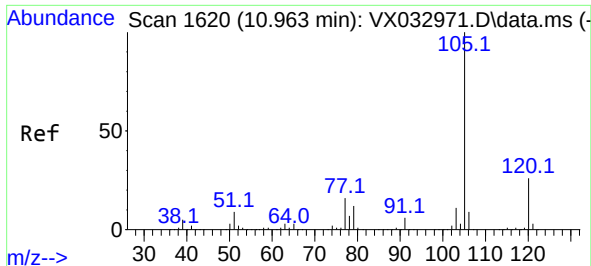
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033153.D
Acq: 01 Dec 2022 11:19

Tgt Ion:152 Resp: 113834
Ion Ratio Lower Upper
152 100
115 60.5 44.0 132.0
150 156.7 0.0 351.8





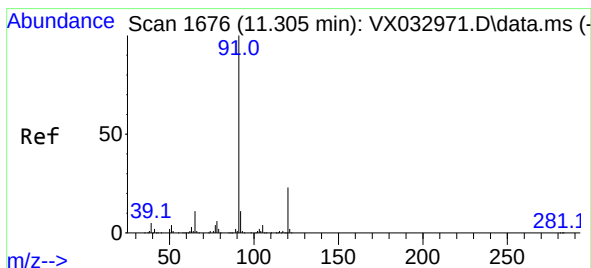
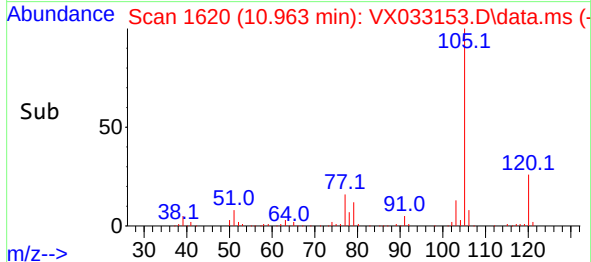
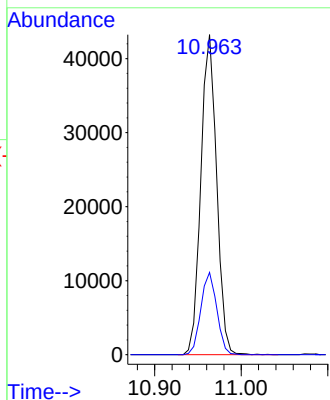
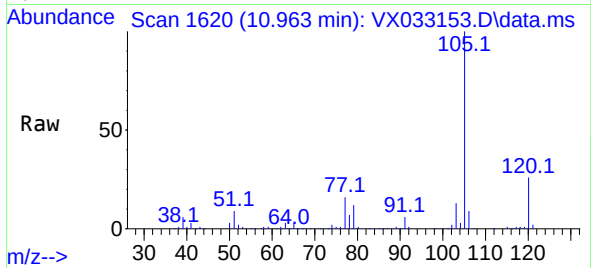
#73
Isopropylbenzene
Concen: 6.715 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033153.D
Acq: 01 Dec 2022 11:19

Instrument :
MSVOA_X
ClientSampleId :
MW-03DL

Tgt Ion:105 Resp: 54620
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.3

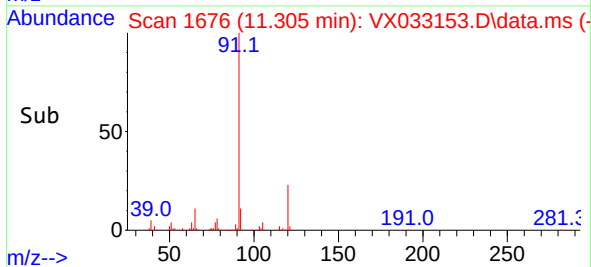
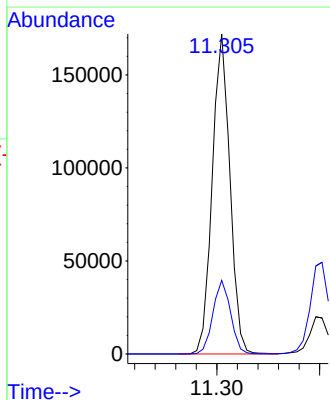
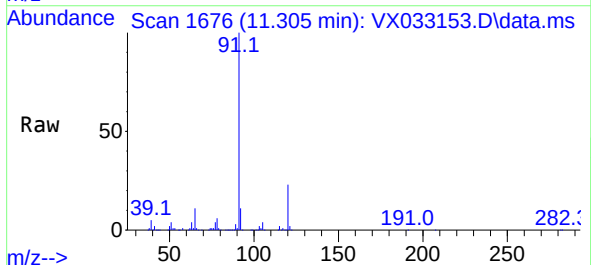
Manual Integrations
APPROVED

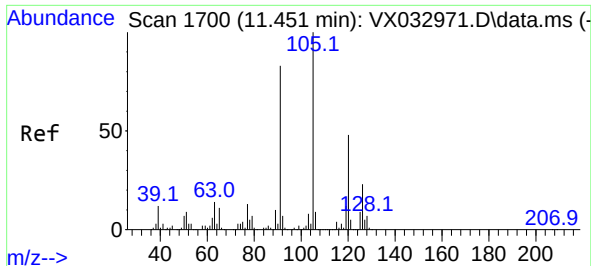
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#78
n-propylbenzene
Concen: 22.001 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033153.D
Acq: 01 Dec 2022 11:19

Tgt Ion: 91 Resp: 204619
Ion Ratio Lower Upper
91 100
120 22.9 11.6 34.8





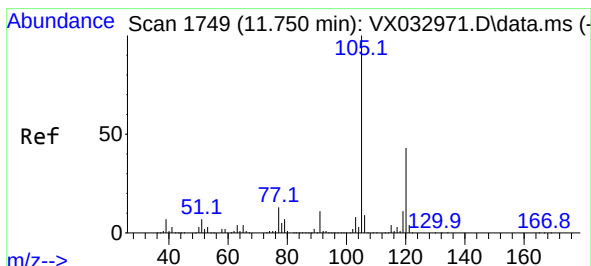
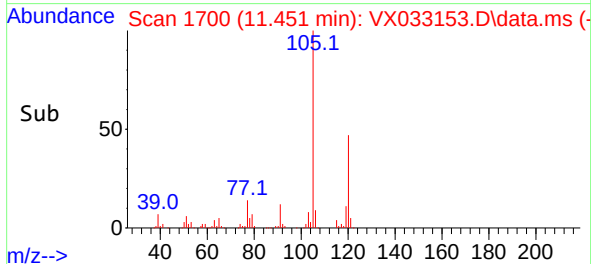
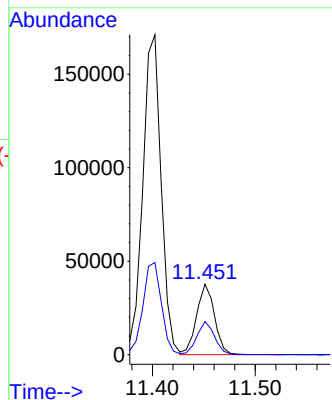
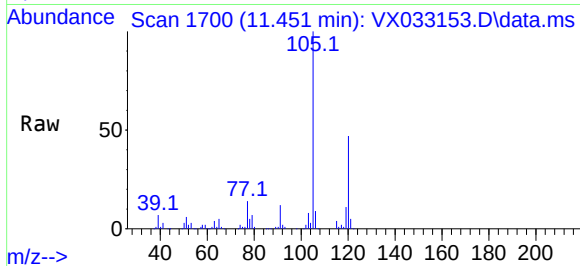
#80
1,3,5-Trimethylbenzene
Concen: 6.710 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033153.D
Acq: 01 Dec 2022 11:19

Instrument :
MSVOA_X
ClientSampleId :
MW-03DL

Tgt Ion:105 Resp: 4585
Ion Ratio Lower Upper
105 100
120 46.4 23.6 71.0

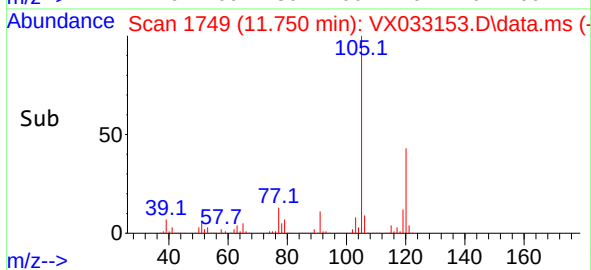
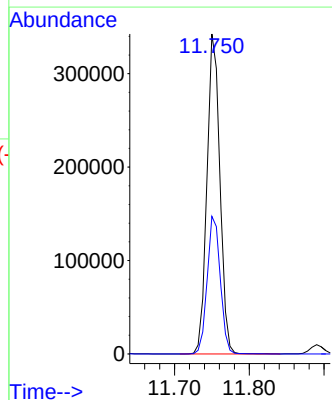
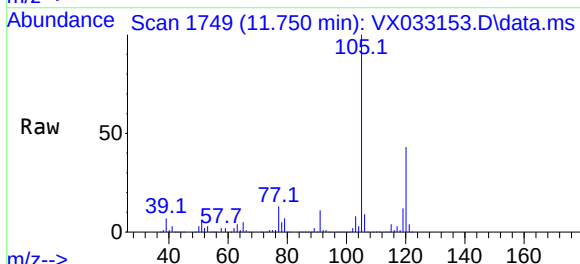
Manual Integrations
APPROVED

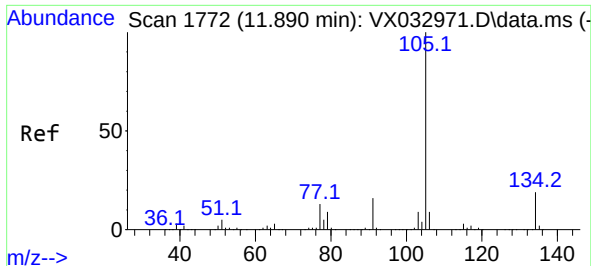
Reviewed By :John Carlone 12/02/2022
Supervised By :Mahesh Dadoda 12/02/2022



#84
1,2,4-Trimethylbenzene
Concen: 60.483 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX033153.D
Acq: 01 Dec 2022 11:19

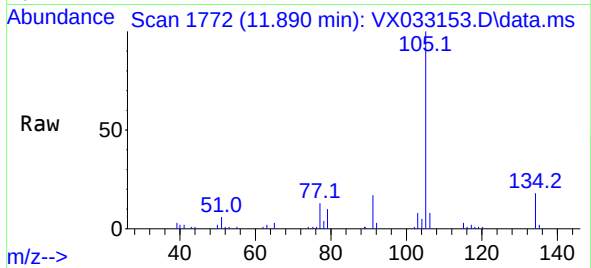
Tgt Ion:105 Resp: 412122
Ion Ratio Lower Upper
105 100
120 43.6 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 1.541 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033153.D
 Acq: 01 Dec 2022 11:19

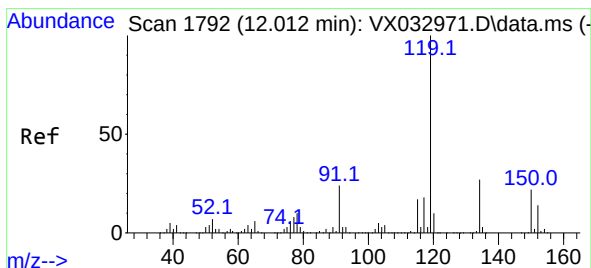
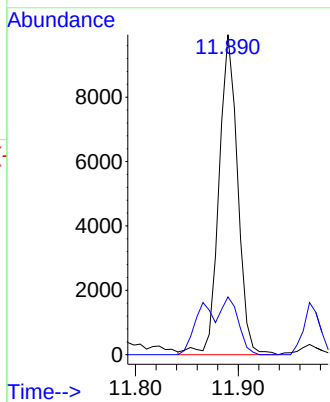
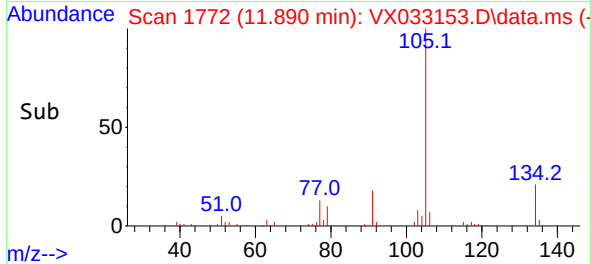
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03DL



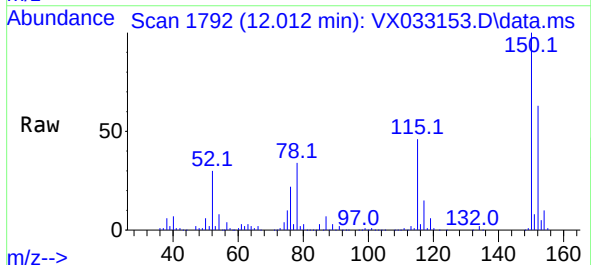
Tgt Ion:105 Resp: 12540
 Ion Ratio Lower Upper
 105 100
 134 17.0 9.9 29.7

Manual Integrations
 APPROVED

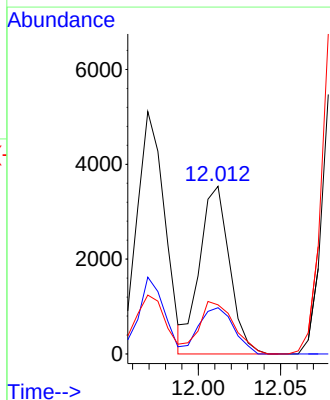
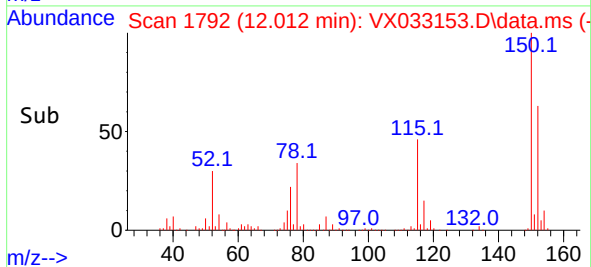
Reviewed By :John Carlone 12/02/2022
 Supervised By :Mahesh Dadoda 12/02/2022

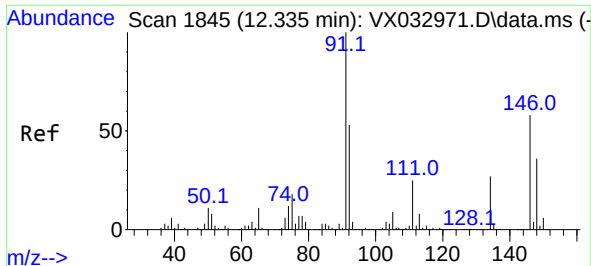


#86
 p-Isopropyltoluene
 Concen: 0.651 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX033153.D
 Acq: 01 Dec 2022 11:19



Tgt Ion:119 Resp: 4490
 Ion Ratio Lower Upper
 119 100
 134 32.4 12.9 38.7
 91 36.6 12.5 37.5





#89

n-Butylbenzene

Concen: 2.193 ug/l m

RT: 12.329 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033153.D

Acq: 01 Dec 2022 11:19

Instrument :

MSVOA_X

ClientSampleId :

MW-03DL

Tgt Ion: 91 Resp: 13028

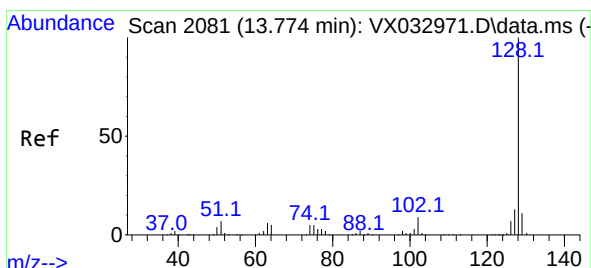
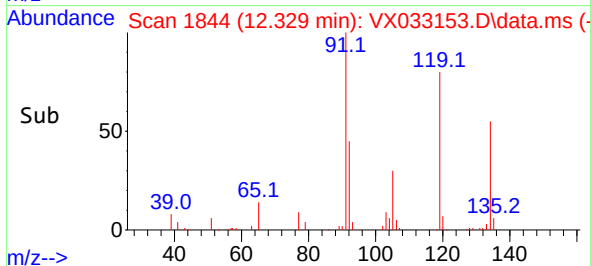
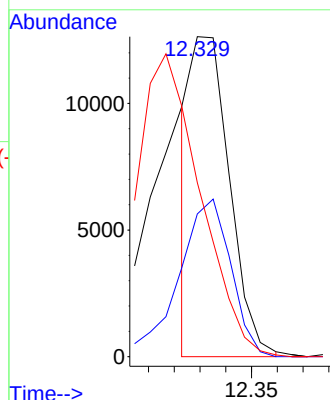
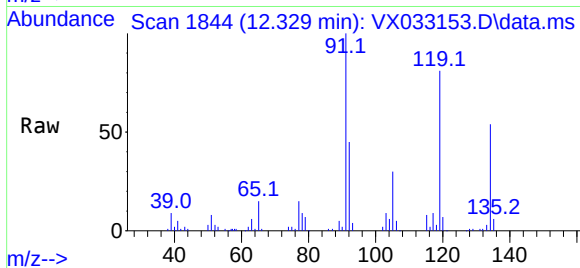
Ion	Ratio	Lower	Upper
91	100		
92	67.6	26.2	78.6
134	157.1	12.9	38.6

Manual Integrations

APPROVED

Reviewed By :John Carbone 12/02/2022

Supervised By :Mahesh Dadoda 12/02/2022



#95

Naphthalene

Concen: 12.387 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX033153.D

Acq: 01 Dec 2022 11:19

Tgt Ion:128 Resp: 90165

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	11.2	8.9	13.3

