

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080723\
 Data File : VD076944.D
 Acq On : 07 Aug 2023 21:21
 Operator : KP/SY
 Sample : 03903-07
 Misc : 7.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MW-07

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/08/2023
 Supervised By :Mahesh Dadoda 08/08/2023

Quant Time: Aug 08 04:42:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.887	168	14188	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.775	114	28967	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	32534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	17213	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	10204	72.207	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 144.420%			
35) Dibromofluoromethane	7.810	113	9726	53.430	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.860%			
50) Toluene-d8	10.269	98	44276	67.992	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 135.980%#			
62) 4-Bromofluorobenzene	12.569	95	15735	74.693	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 149.380%#			
Target Compounds						
						Qvalue
16) Acetone	4.011	43	3345	99.113	ug/l #	72
31) Cyclohexane	7.852	56	26337	126.636	ug/l #	40
39) Methylcyclohexane	9.275	83	65573m	238.749	ug/l	
40) Benzene	8.246	78	2120	2.825	ug/l	95
52) Toluene	10.334	92	264703	537.001	ug/l	97
64) Tetrachloroethene	10.810	164	887	4.781	ug/l #	70
67) Ethyl Benzene	11.687	91	6983519	6077.228	ug/l	100
68) m/p-Xylenes	11.793	106	14105720	31961.684	ug/l #	68
69) o-Xylene	12.122	106	4203907	9850.373	ug/l	98
73) Isopropylbenzene	12.422	105	1131255	905.846	ug/l	96
78) n-propylbenzene	12.763	91	4059793	2681.516	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	4197683	4156.936	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	13508222	13090.477	ug/l	93
85) sec-Butylbenzene	13.345	105	329683m	242.695	ug/l	
86) p-Isopropyltoluene	13.463	119	115668m	103.103	ug/l	
89) n-Butylbenzene	13.787	91	355580	323.902	ug/l #	72

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

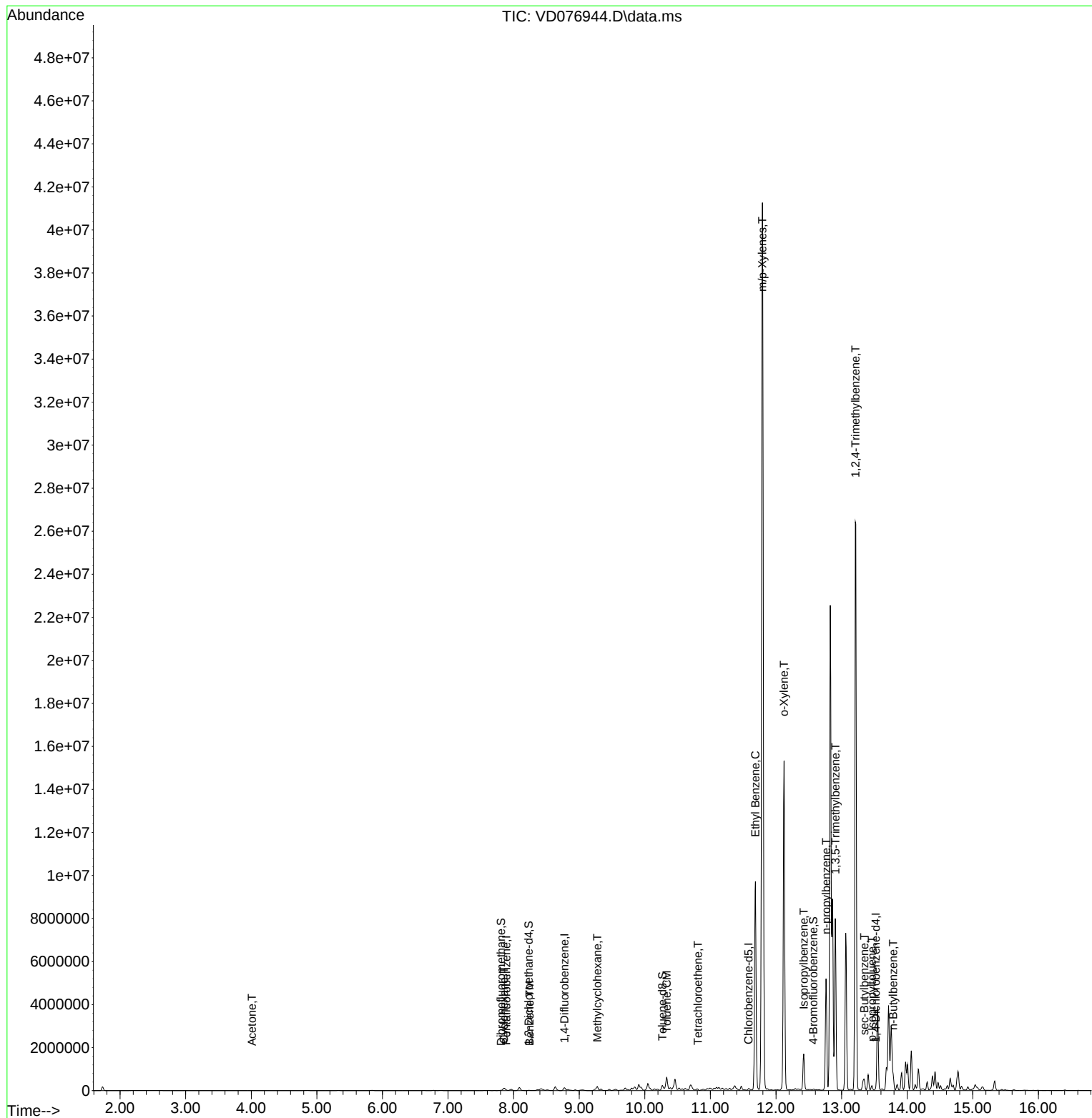
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080723\
Data File : VD076944.D
Acq On : 07 Aug 2023 21:21
Operator : KP/SY
Sample : 03903-07
Misc : 7.02G/5.0ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

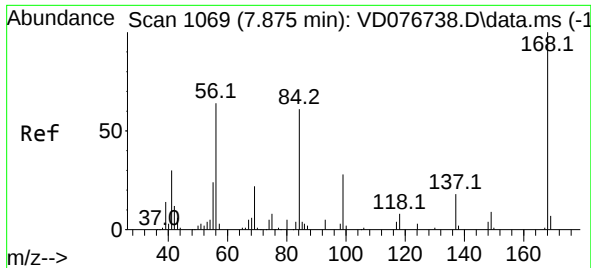
Instrument :
MSVOA_D
ClientSampleId :
MW-07

Quant Time: Aug 08 04:42:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

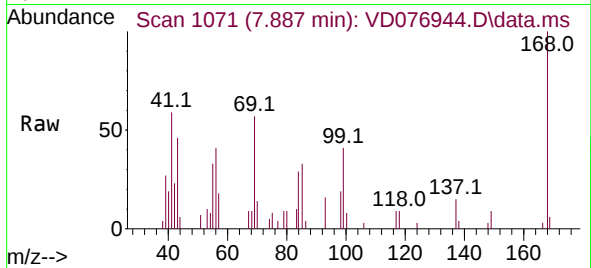
Reviewed By :Romaben Patel 08/08/2023
Supervised By :Mahesh Dadoda 08/08/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.887 min Scan# 1069
Delta R.T. 0.012 min
Lab File: VD076944.D
Acq: 07 Aug 2023 21:21

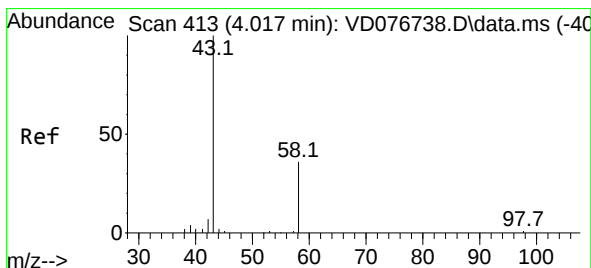
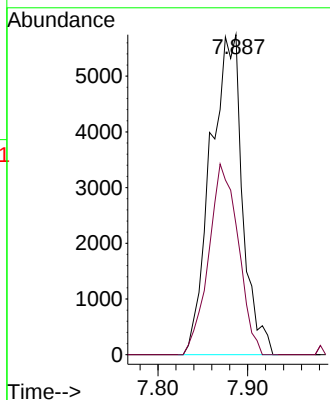
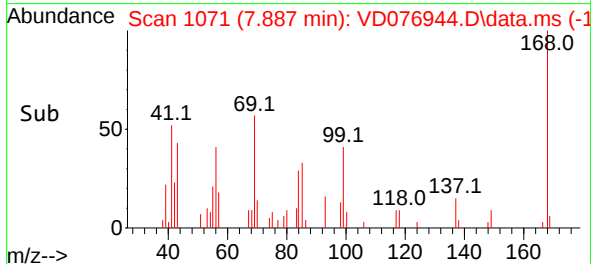
Instrument :
MSVOA_D
Client Sample Id :
MW-07



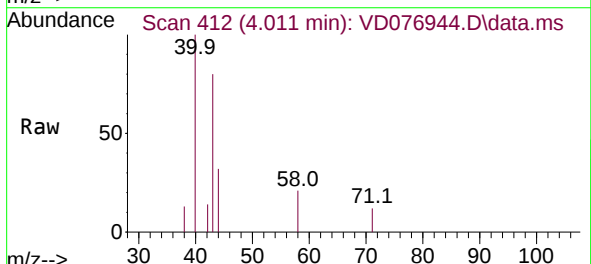
Tgt Ion:168 Resp: 14188
Ion Ratio Lower Upper
168 100
99 40.7 36.7 55.1

Manual Integrations
APPROVED

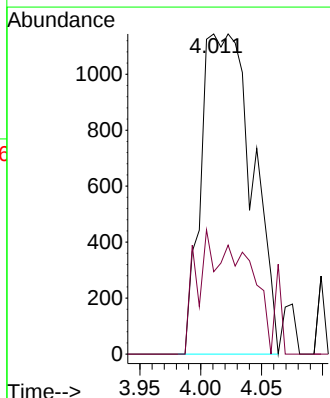
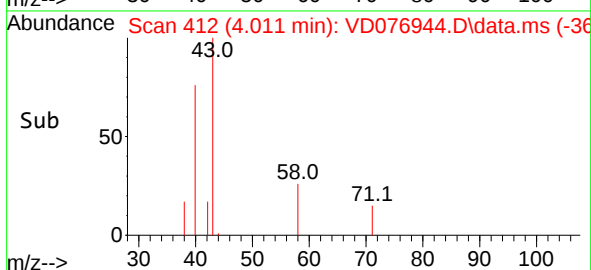
Reviewed By :Romaben Patel 08/08/2023
Supervised By :Mahesh Dadoda 08/08/2023

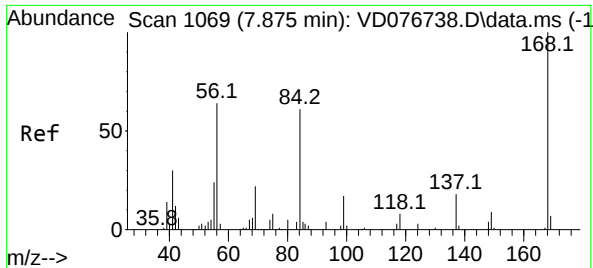


#16
Acetone
Concen: 99.113 ug/l
RT: 4.011 min Scan# 412
Delta R.T. -0.006 min
Lab File: VD076944.D
Acq: 07 Aug 2023 21:21



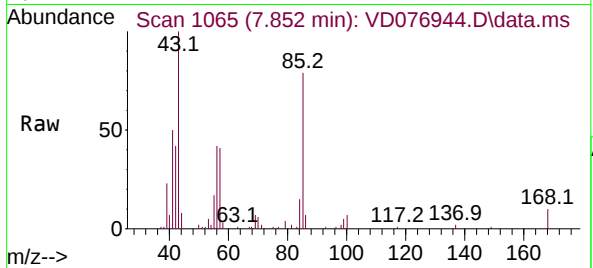
Tgt Ion: 43 Resp: 3345
Ion Ratio Lower Upper
43 100
58 25.7 34.7 52.1#





#31
Cyclohexane
Concen: 126.636 ug/l
RT: 7.852 min Scan# 1065
Delta R.T. -0.023 min
Lab File: VD076944.D
Acq: 07 Aug 2023 21:21

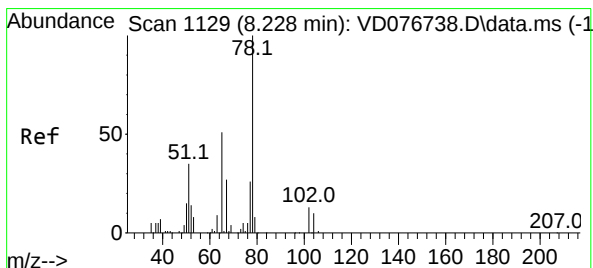
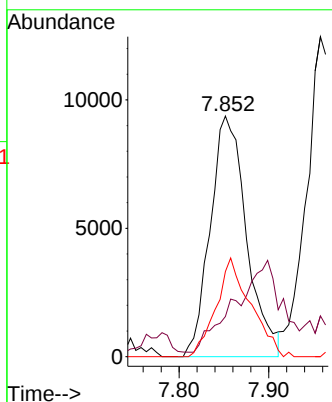
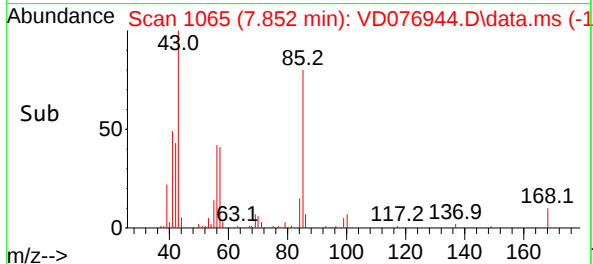
Instrument :
MSVOA_D
ClientSampleId :
MW-07



Tgt Ion: 56 Resp: 2633
Ion Ratio Lower Upper
56 100
69 14.5 28.6 43.0
84 35.3 84.8 127.2

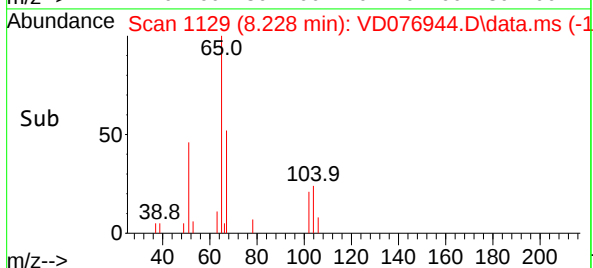
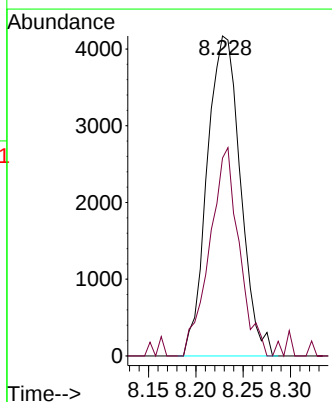
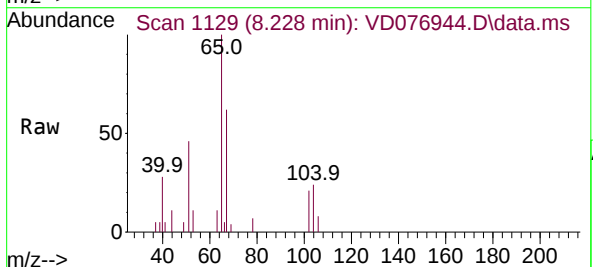
Manual Integrations
APPROVED

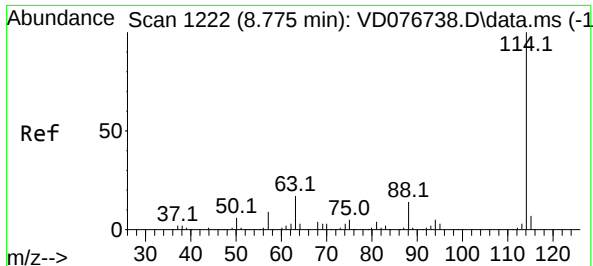
Reviewed By :Romaben Patel 08/08/2023
Supervised By :Mahesh Dadoda 08/08/2023



#33
1,2-Dichloroethane-d4
Concen: 72.207 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076944.D
Acq: 07 Aug 2023 21:21

Tgt Ion: 65 Resp: 10204
Ion Ratio Lower Upper
65 100
67 57.9 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD076944.D

Acq: 07 Aug 2023 21:21

Instrument :

MSVOA_D

ClientSampleId :

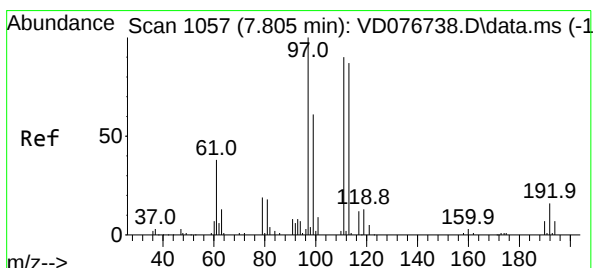
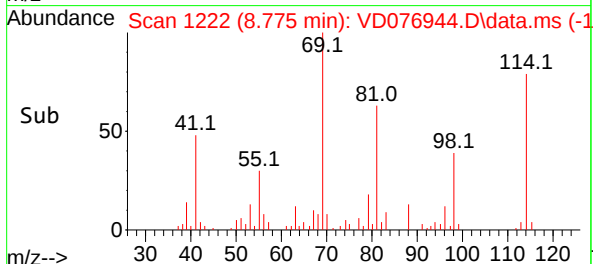
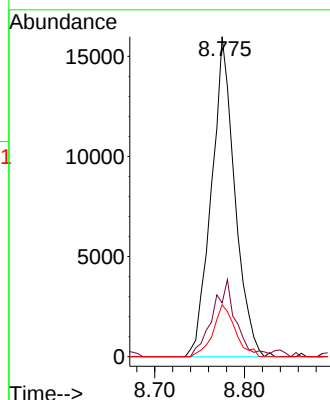
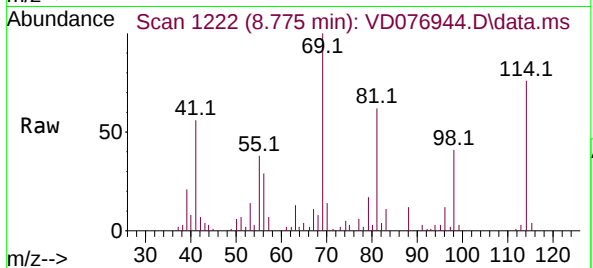
MW-07

Tgt Ion:	114	Resp:	2896
Ion Ratio	Lower	Upper	
114	100		
63	16.8	0.0	33.4
88	16.2	0.0	26.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/08/2023
Supervised By :Mahesh Dadoda 08/08/2023



#35

Dibromofluoromethane

Concen: 53.430 ug/l

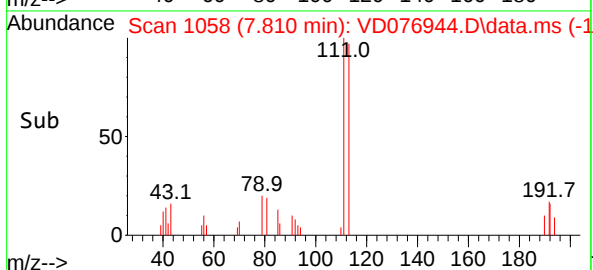
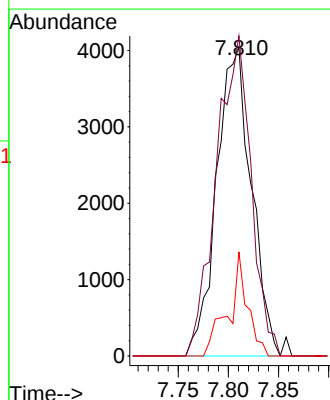
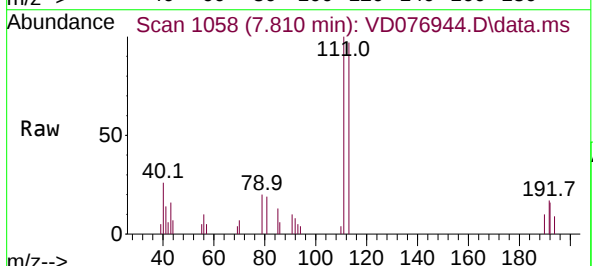
RT: 7.810 min Scan# 1058

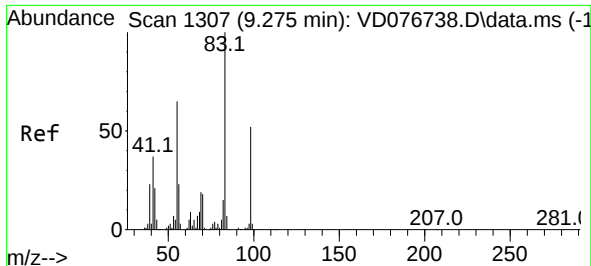
Delta R.T. 0.005 min

Lab File: VD076944.D

Acq: 07 Aug 2023 21:21

Tgt Ion:	113	Resp:	9726
Ion Ratio	Lower	Upper	
113	100		
111	103.5	84.7	127.1
192	18.6	16.8	25.2





#39

Methylcyclohexane

Concen: 238.749 ug/l m

RT: 9.275 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076944.D

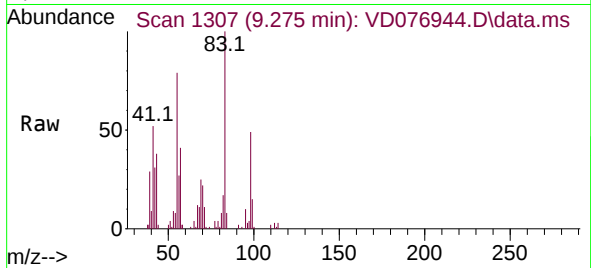
Acq: 07 Aug 2023 21:21

Instrument :

MSVOA_D

ClientSampleId :

MW-07



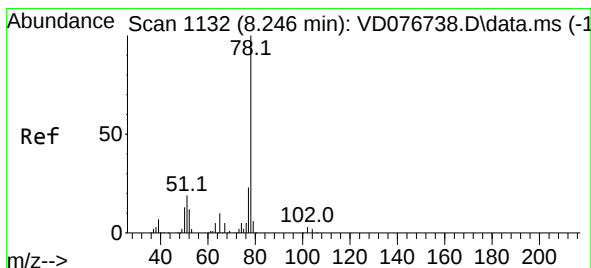
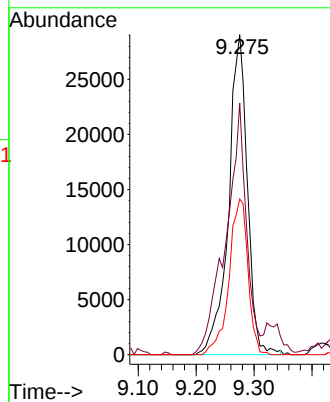
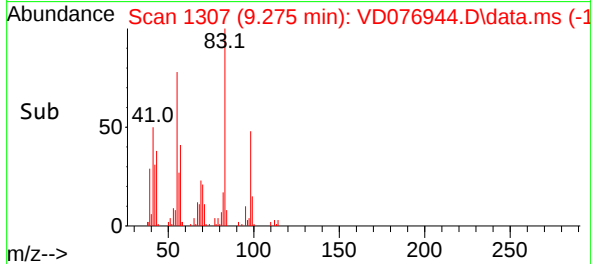
Tgt Ion: 83	Resp: 6557
Ion Ratio	Lower Upper
83	100
55	78.6 49.4 74.0
98	48.7 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/08/2023

Supervised By :Mahesh Dadoda 08/08/2023



#40

Benzene

Concen: 2.825 ug/l

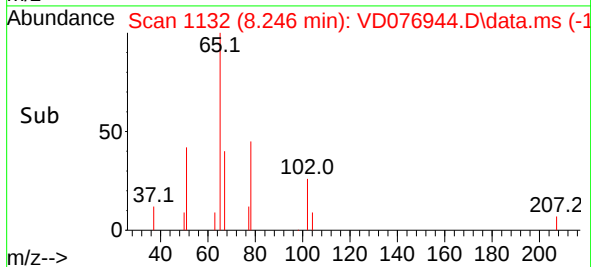
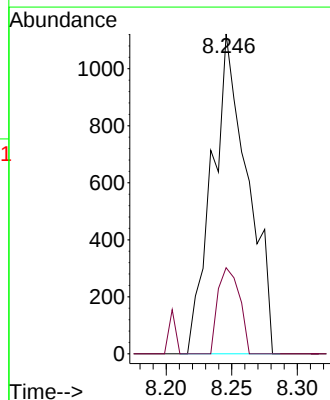
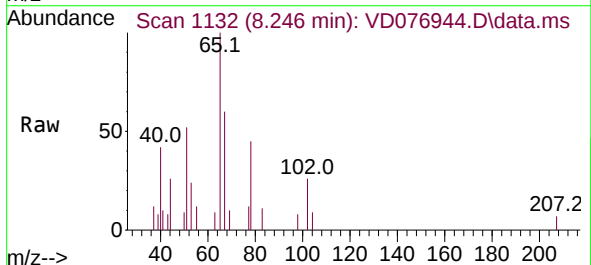
RT: 8.246 min Scan# 1132

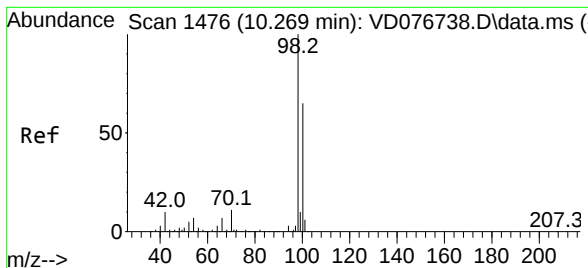
Delta R.T. -0.000 min

Lab File: VD076944.D

Acq: 07 Aug 2023 21:21

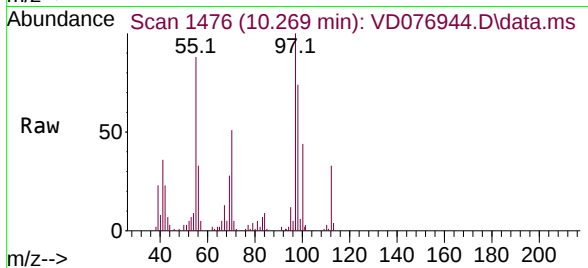
Tgt Ion: 78	Resp: 2120
Ion Ratio	Lower Upper
78	100
77	26.9 19.4 29.0





#50
Toluene-d8
Concen: 67.992 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076944.D
Acq: 07 Aug 2023 21:21

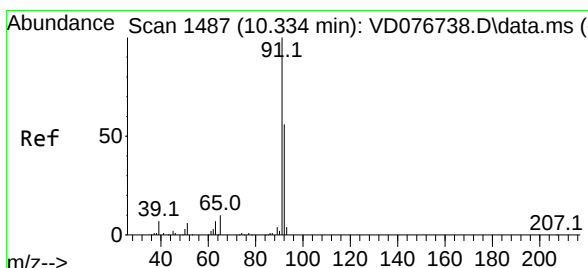
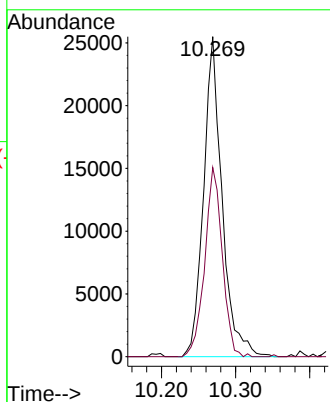
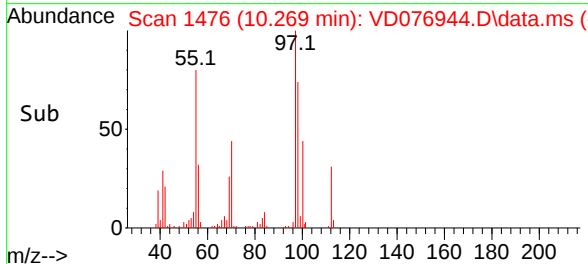
Instrument :
MSVOA_D
ClientSampleId :
MW-07



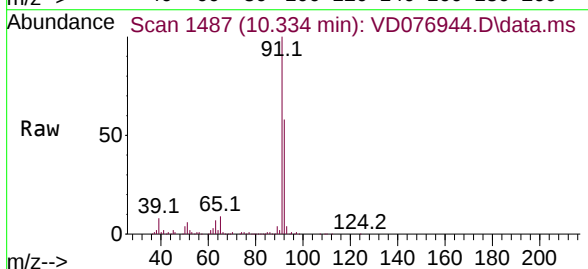
Tgt Ion: 98 Resp: 44270
Ion Ratio Lower Upper
98 100
100 56.0 50.3 75.5

Manual Integrations
APPROVED

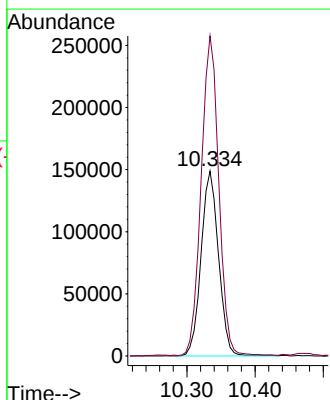
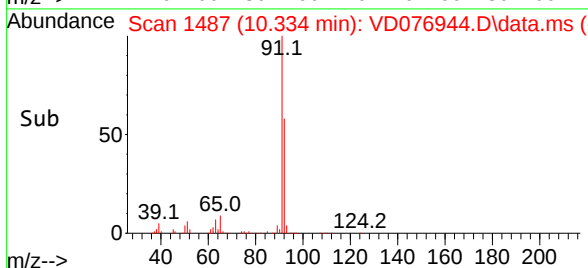
Reviewed By :Romaben Patel 08/08/2023
Supervised By :Mahesh Dadoda 08/08/2023

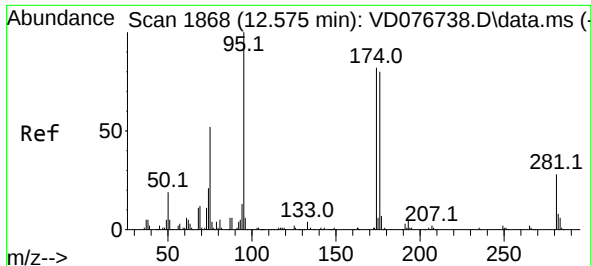


#52
Toluene
Concen: 537.001 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076944.D
Acq: 07 Aug 2023 21:21



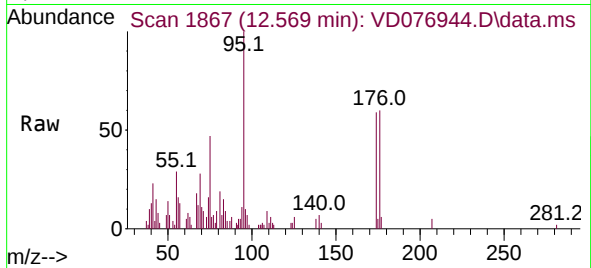
Tgt Ion: 92 Resp: 264703
Ion Ratio Lower Upper
92 100
91 174.3 143.0 214.4





#62
4-Bromofluorobenzene
Concen: 74.693 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076944.D
Acq: 07 Aug 2023 21:21

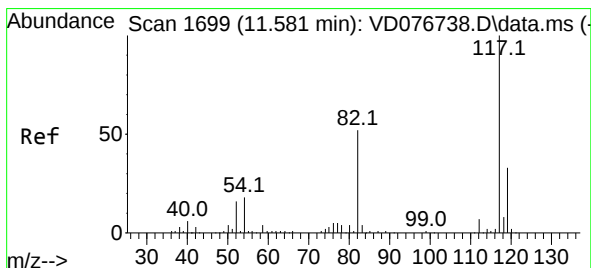
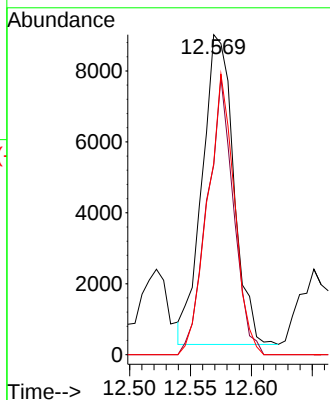
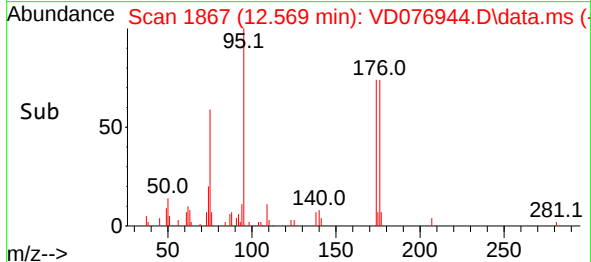
Instrument :
MSVOA_D
ClientSampleId :
MW-07



Tgt Ion: 95 Resp: 15738
Ion Ratio Lower Upper
95 100
174 74.8 0.0 201.8
176 77.1 0.0 191.8

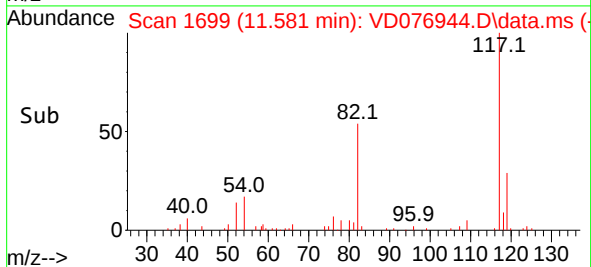
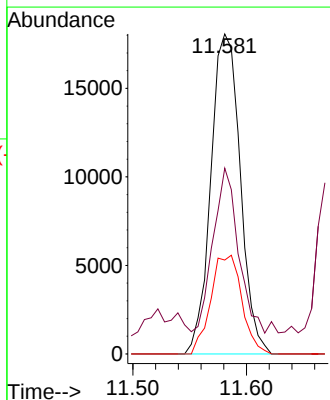
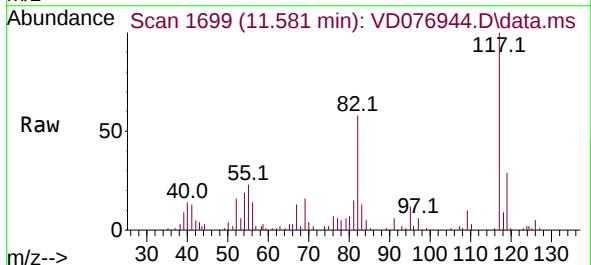
Manual Integrations
APPROVED

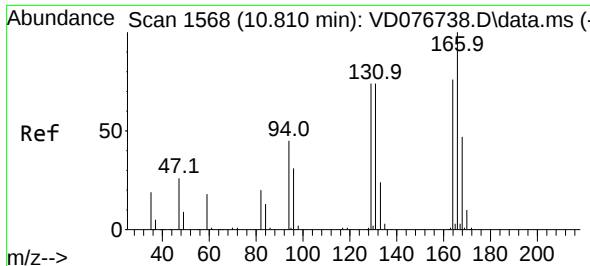
Reviewed By :Romaben Patel 08/08/2023
Supervised By :Mahesh Dadoda 08/08/2023



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076944.D
Acq: 07 Aug 2023 21:21

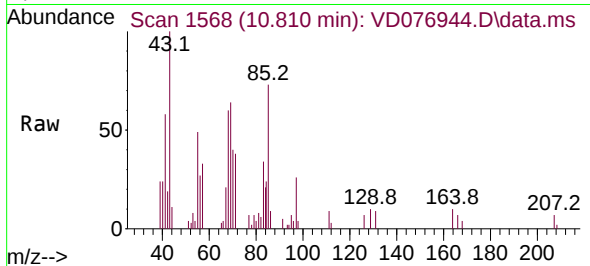
Tgt Ion:117 Resp: 32534
Ion Ratio Lower Upper
117 100
82 51.5 38.3 57.5
119 29.3 25.0 37.4





#64
Tetrachloroethene
Concen: 4.781 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076944.D
Acq: 07 Aug 2023 21:21

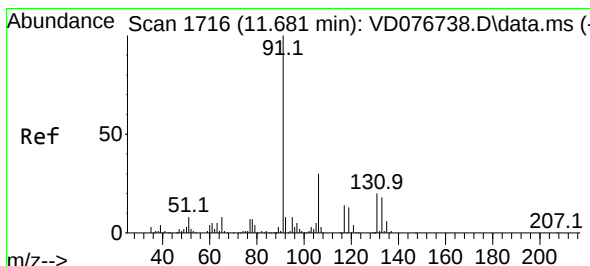
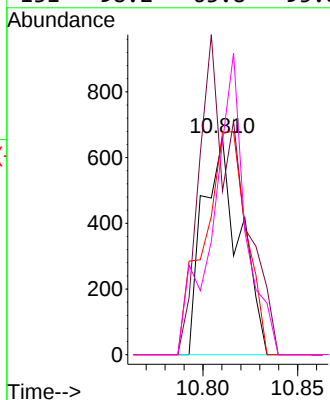
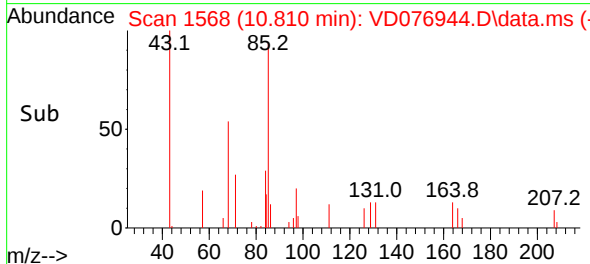
Instrument :
MSVOA_D
ClientSampleId :
MW-07



Tgt Ion:164 Resp: 887
Ion Ratio Lower Upper
164 100
166 75.6 99.2 148.8
129 102.7 68.4 102.6
131 98.2 63.8 95.8#

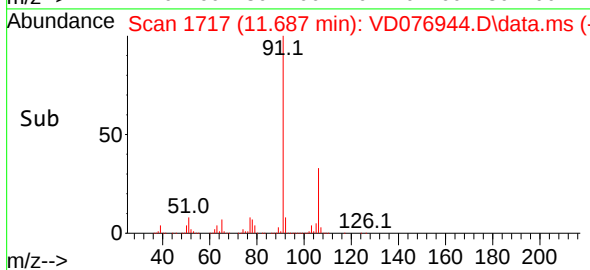
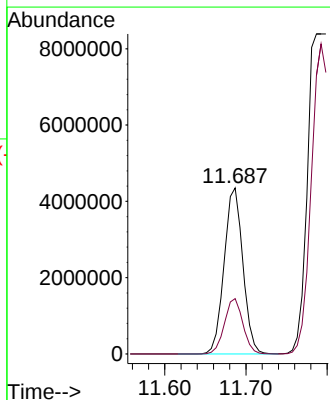
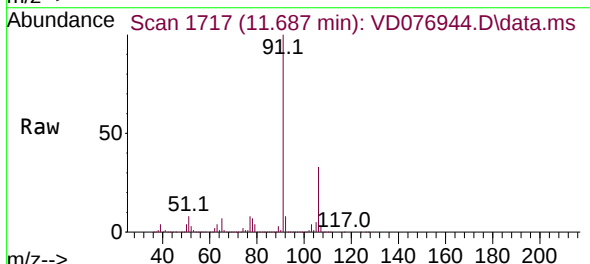
Manual Integrations
APPROVED

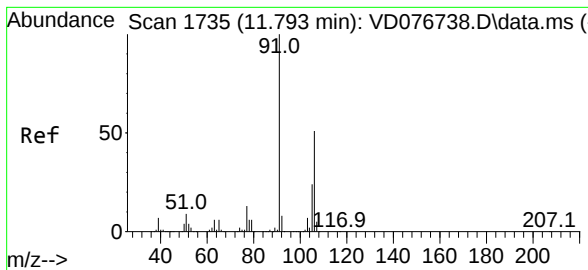
Reviewed By :Romaben Patel 08/08/2023
Supervised By :Mahesh Dadoda 08/08/2023



#67
Ethyl Benzene
Concen: 6077.228 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD076944.D
Acq: 07 Aug 2023 21:21

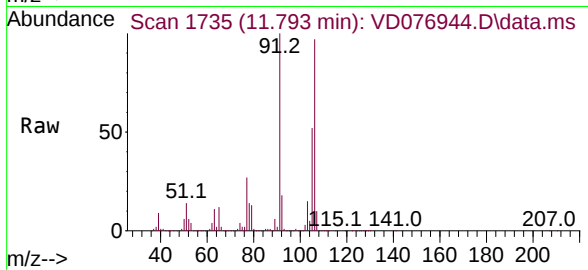
Tgt Ion: 91 Resp: 6983519
Ion Ratio Lower Upper
91 100
106 33.3 26.5 39.7





#68
m/p-Xylenes
Concen: 31961.684 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076944.D
Acq: 07 Aug 2023 21:21

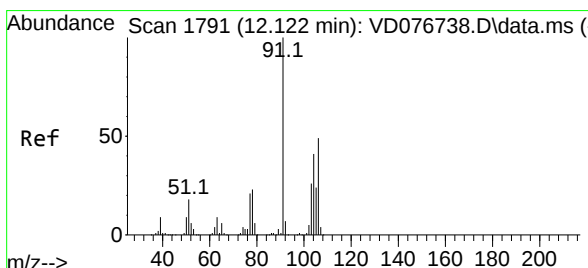
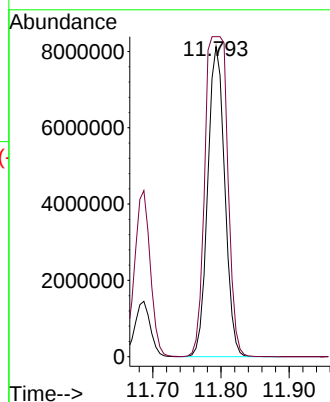
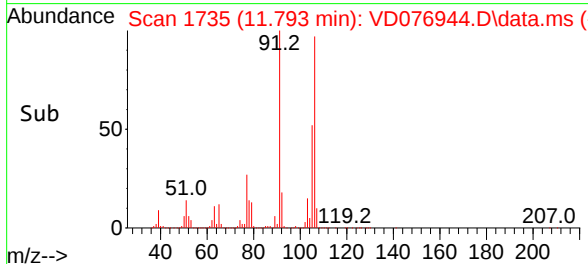
Instrument :
MSVOA_D
ClientSampleId :
MW-07



Tgt Ion:106 Resp:14105720
Ion Ratio Lower Upper
106 100
91 138.3 147.0 220.6

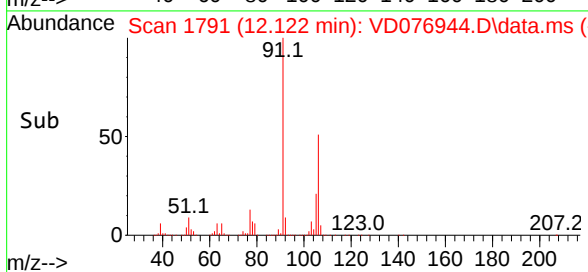
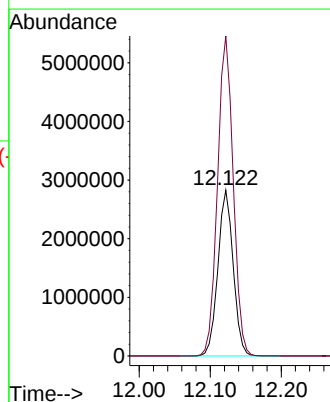
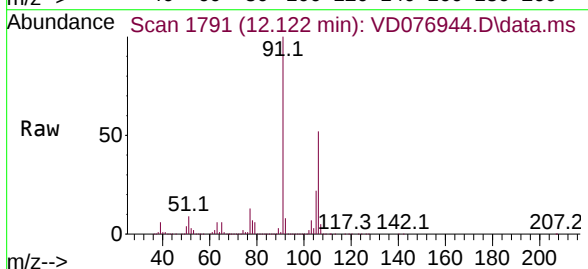
Manual Integrations
APPROVED

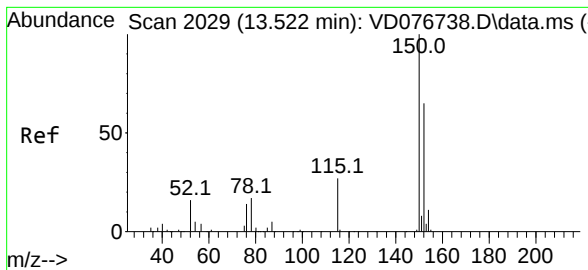
Reviewed By :Romaben Patel 08/08/2023
Supervised By :Mahesh Dadoda 08/08/2023



#69
o-Xylene
Concen: 9850.373 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076944.D
Acq: 07 Aug 2023 21:21

Tgt Ion:106 Resp: 4203907
Ion Ratio Lower Upper
106 100
91 198.4 97.9 293.6





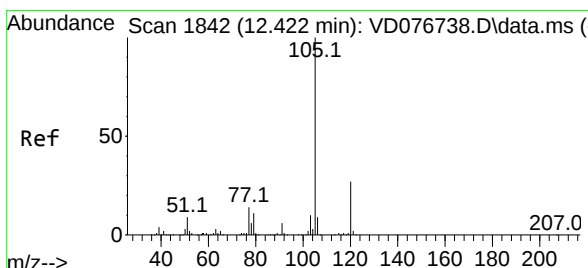
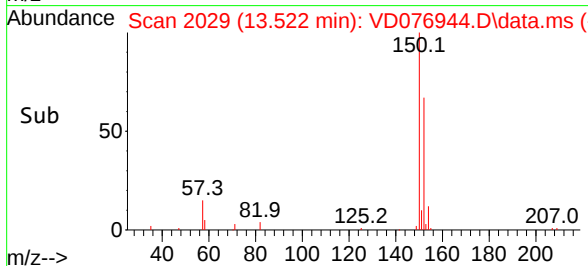
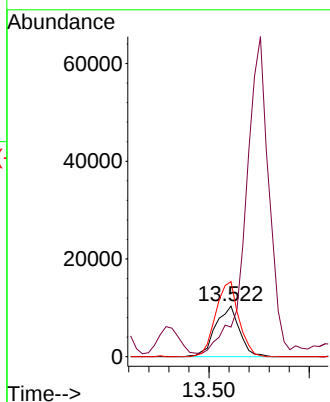
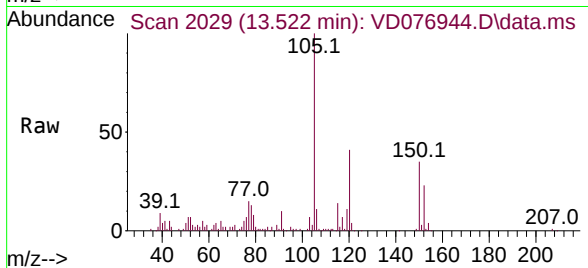
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD076944.D
Acq: 07 Aug 2023 21:21

Instrument :
MSVOA_D
ClientSampleId :
MW-07

Tgt Ion:152 Resp: 1721
Ion Ratio Lower Upper
152 100
115 0.0 27.1 81.3
150 142.2 0.0 353.6

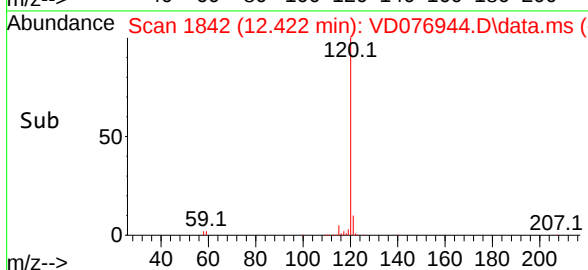
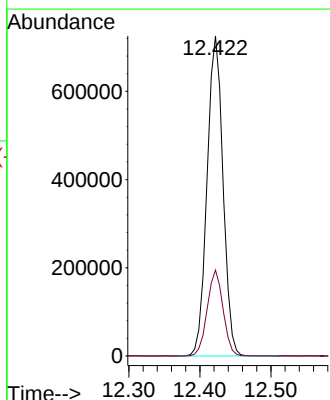
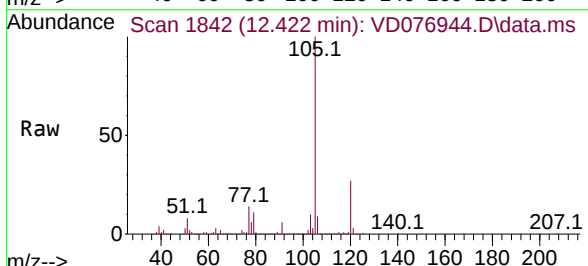
Manual Integrations
APPROVED

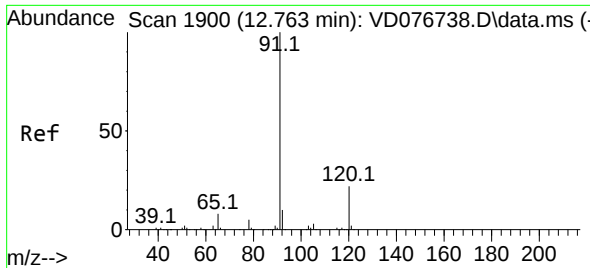
Reviewed By :Romaben Patel 08/08/2023
Supervised By :Mahesh Dadoda 08/08/2023



#73
Isopropylbenzene
Concen: 905.846 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076944.D
Acq: 07 Aug 2023 21:21

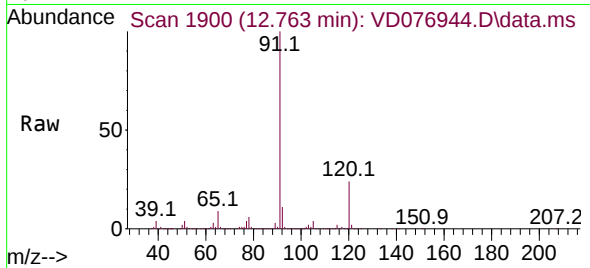
Tgt Ion:105 Resp: 1131255
Ion Ratio Lower Upper
105 100
120 26.6 14.3 42.9





#78
n-propylbenzene
Concen: 2681.516 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076944.D
Acq: 07 Aug 2023 21:21

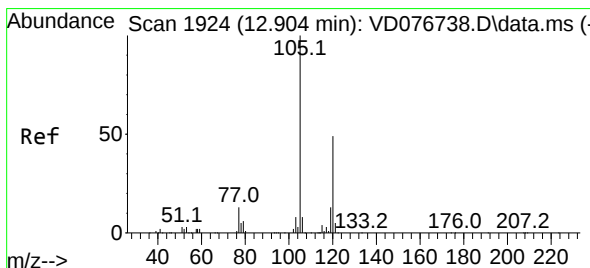
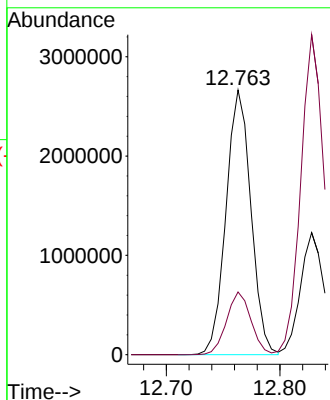
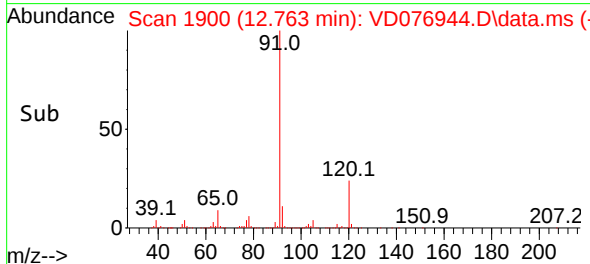
Instrument :
MSVOA_D
ClientSampleId :
MW-07



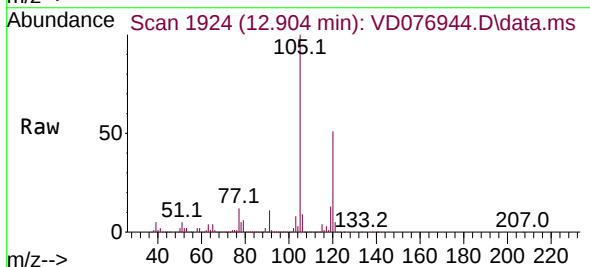
Tgt Ion: 91 Resp: 405979
Ion Ratio Lower Upper
91 100
120 23.2 12.4 37.2

Manual Integrations
APPROVED

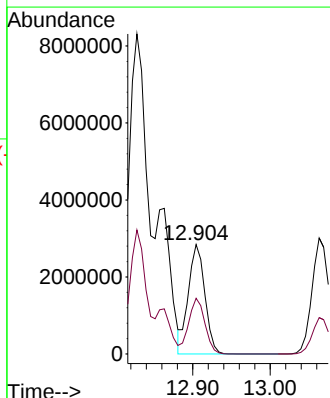
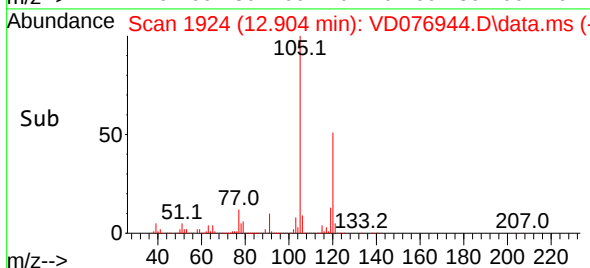
Reviewed By :Romaben Patel 08/08/2023
Supervised By :Mahesh Dadoda 08/08/2023

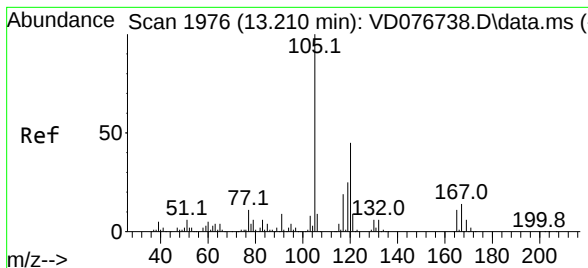


#80
1,3,5-Trimethylbenzene
Concen: 4156.936 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076944.D
Acq: 07 Aug 2023 21:21



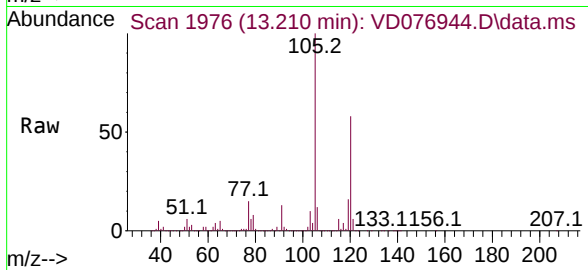
Tgt Ion:105 Resp: 4197683
Ion Ratio Lower Upper
105 100
120 50.4 26.4 79.2





#84
1,2,4-Trimethylbenzene
Concen: 13090.477 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076944.D
Acq: 07 Aug 2023 21:21

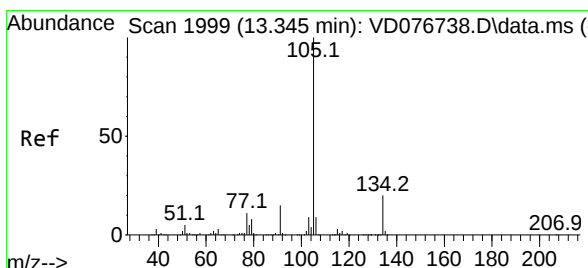
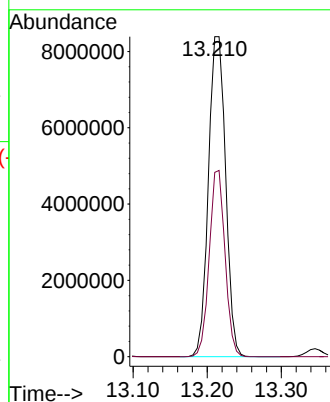
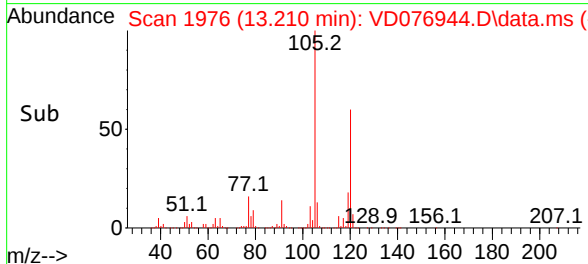
Instrument :
MSVOA_D
ClientSampleId :
MW-07



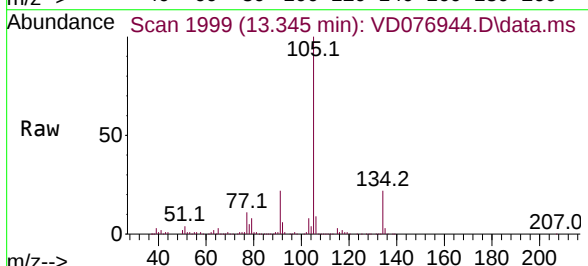
Tgt Ion:105 Resp:1350822
Ion Ratio Lower Upper
105 100
120 53.4 24.3 72.9

Manual Integrations
APPROVED

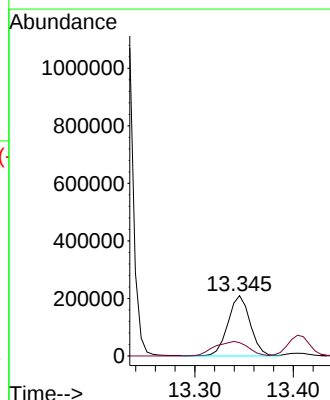
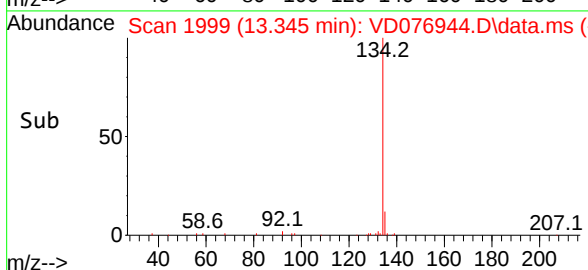
Reviewed By :Romaben Patel 08/08/2023
Supervised By :Mahesh Dadoda 08/08/2023

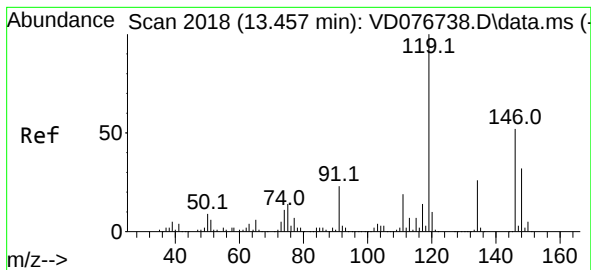


#85
sec-Butylbenzene
Concen: 242.695 ug/l m
RT: 13.345 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VD076944.D
Acq: 07 Aug 2023 21:21



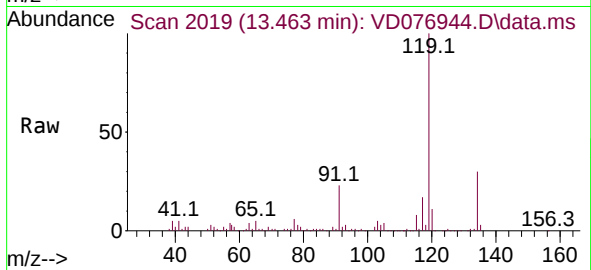
Tgt Ion:105 Resp: 329683
Ion Ratio Lower Upper
105 100
134 0.0 10.9 32.9#





#86
p-Isopropyltoluene
Concen: 103.103 ug/l m
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD076944.D
Acq: 07 Aug 2023 21:21

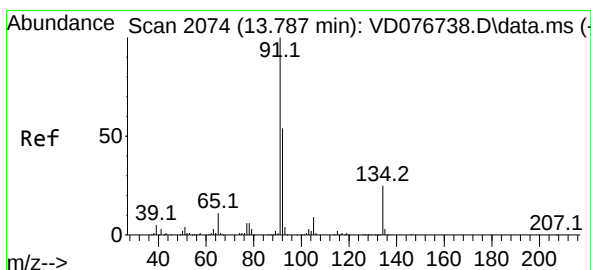
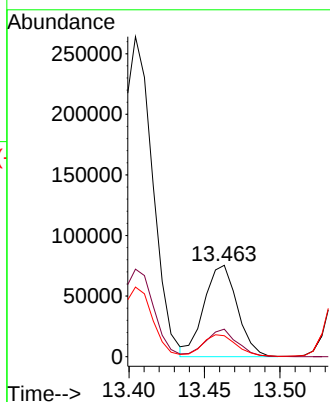
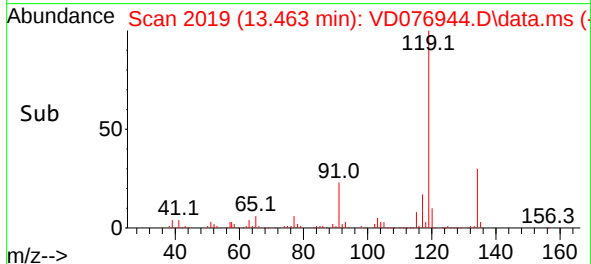
Instrument :
MSVOA_D
ClientSampleId :
MW-07



Tgt Ion:119 Resp: 115668
Ion Ratio Lower Upper
119 100
134 95.3 14.2 42.6
91 68.7 10.5 31.5

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 08/08/2023
Supervised By :Mahesh Dadoda 08/08/2023



#89
n-Butylbenzene
Concen: 323.902 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD076944.D
Acq: 07 Aug 2023 21:21

Tgt Ion: 91 Resp: 355580
Ion Ratio Lower Upper
91 100
92 63.4 26.5 79.5
134 0.0 13.8 41.3

