

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050922\
 Data File : VD072896.D
 Acq On : 09 May 2022 17:50
 Operator : VA/SY
 Sample : N2666-01
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WASTE

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/10/2022
 Supervised By : Mahesh Dadoda 05/10/2022

Quant Time: May 10 01:36:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	12650	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	24389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	26810	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	29747m	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	11656	70.984	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 141.960%		
35) Dibromofluoromethane	7.908	113	10053	58.691	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 117.380%		
50) Toluene-d8	10.332	98	38469	62.610	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery	= 125.220%		
62) 4-Bromofluorobenzene	12.614	95	35134	153.356	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery	= 306.720%#		
Target Compounds						
						Qvalue
16) Acetone	4.150	43	7057	228.405	ug/l	95
31) Cyclohexane	7.967	56	3393	11.820	ug/l #	55
39) Methylcyclohexane	9.355	83	31932	98.843	ug/l	93
52) Toluene	10.397	92	36068	71.888	ug/l	97
67) Ethyl Benzene	11.738	91	9324	8.688	ug/l	97
68) m/p-Xylenes	11.843	106	18858	45.619	ug/l	99
69) o-Xylene	12.173	106	44806	116.056	ug/l	91
73) Isopropylbenzene	12.473	105	6972	3.012	ug/l	88
80) 1,3,5-Trimethylbenzene	12.949	105	309685	157.805	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	300835	153.362	ug/l	99
85) sec-Butylbenzene	13.390	105	76533	30.414	ug/l	95
86) p-Isopropyltoluene	13.502	119	103847	50.334	ug/l	94

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

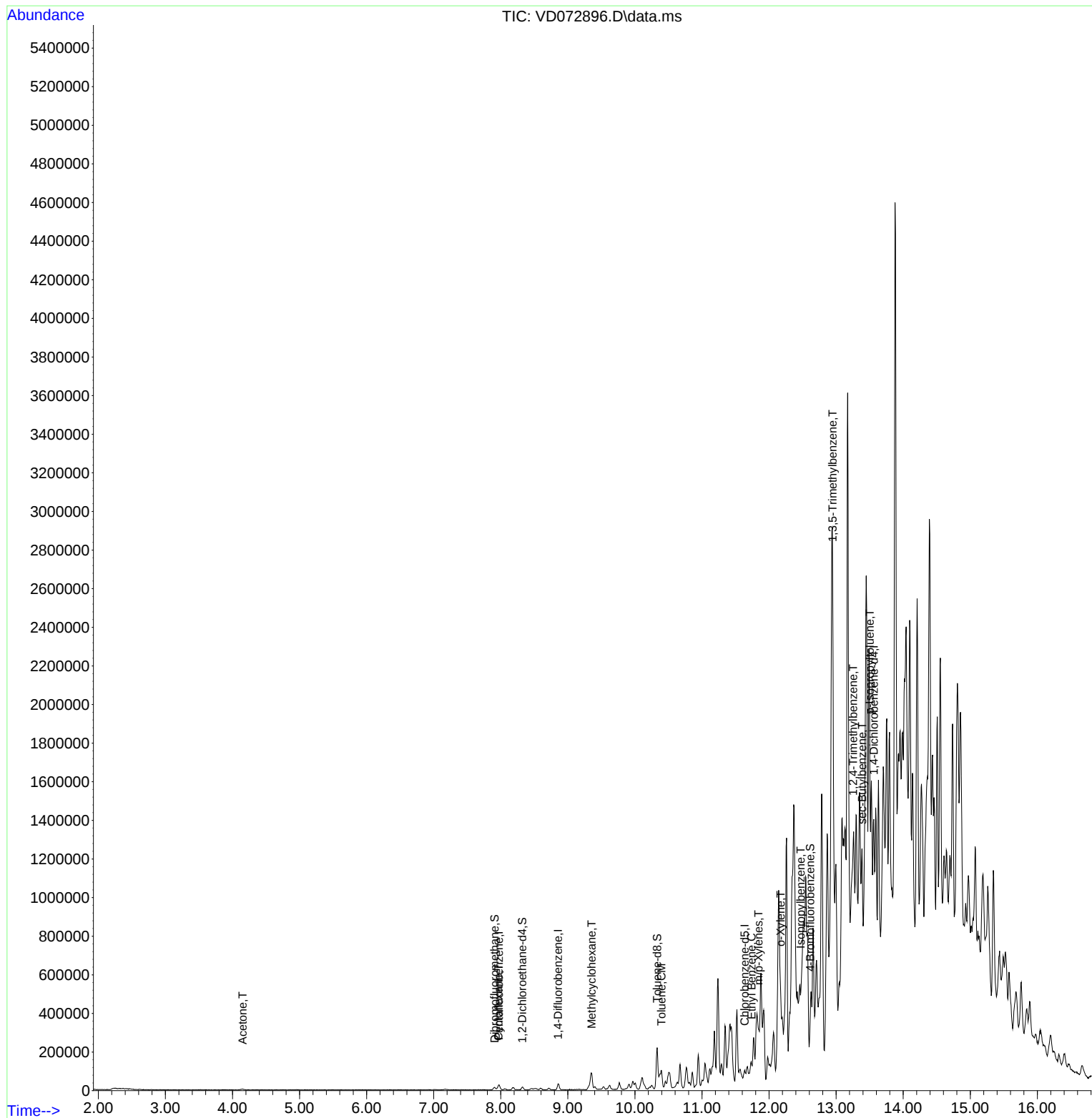
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050922\
Data File : VD072896.D
Acq On : 09 May 2022 17:50
Operator : VA/SY
Sample : N2666-01
Misc : 5.09G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

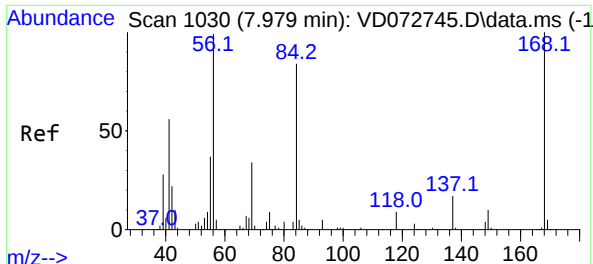
Instrument :
MSVOA_D
ClientSampleId :
WASTE

Quant Time: May 10 01:36:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

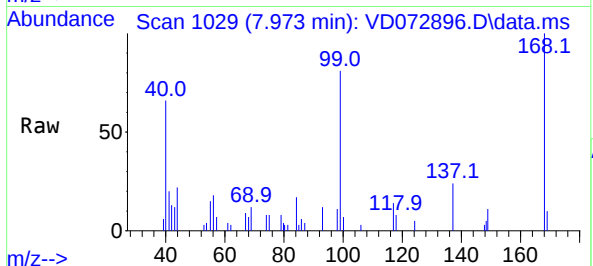
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072896.D
Acq: 09 May 2022 17:50

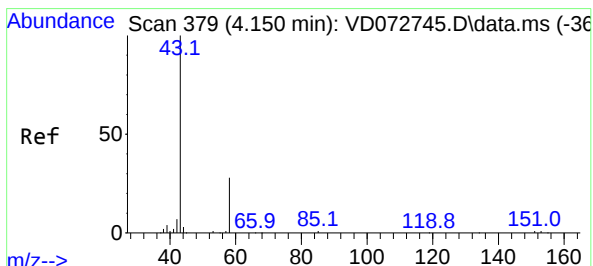
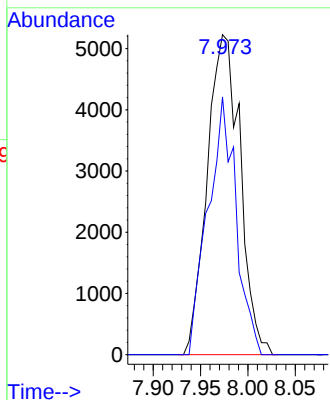
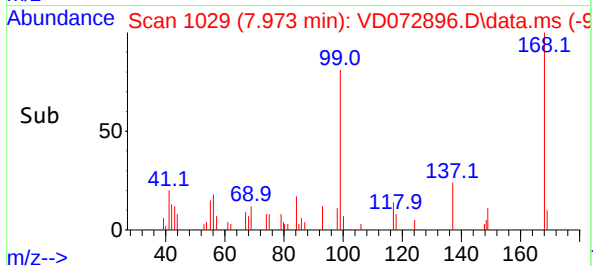
Instrument :
MSVOA_D
ClientSampleId :
WASTE



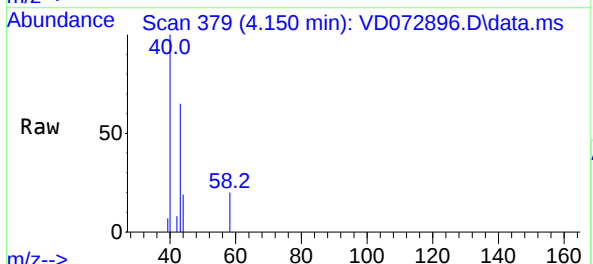
Tgt Ion:168 Resp: 12650
Ion Ratio Lower Upper
168 100
99 80.6 49.8 74.6

Manual Integrations
APPROVED

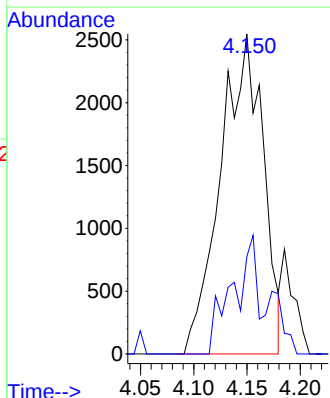
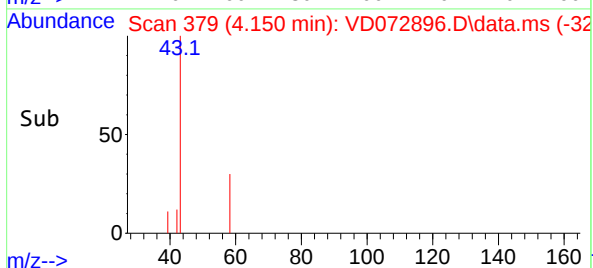
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

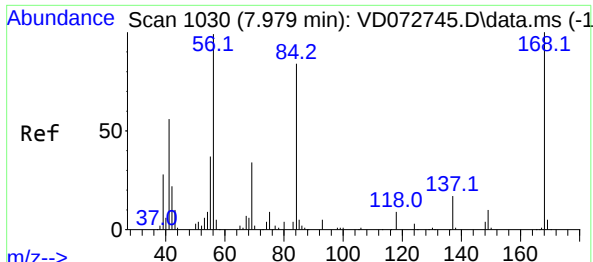


#16
Acetone
Concen: 228.405 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.000 min
Lab File: VD072896.D
Acq: 09 May 2022 17:50



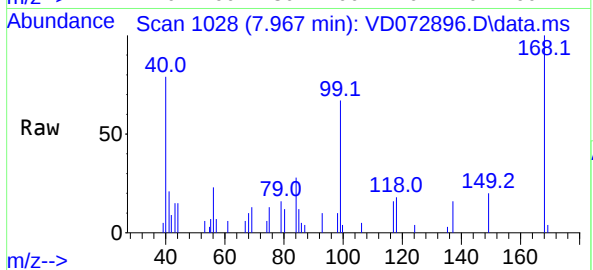
Tgt Ion: 43 Resp: 7057
Ion Ratio Lower Upper
43 100
58 30.4 22.1 33.1





#31
Cyclohexane
Concen: 11.820 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD072896.D
Acq: 09 May 2022 17:50

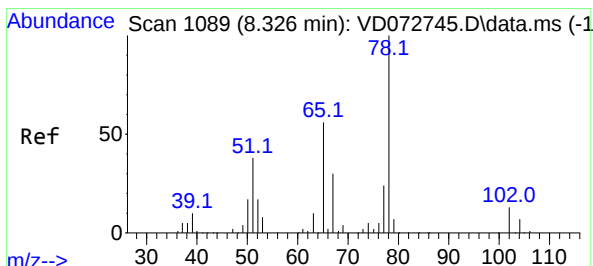
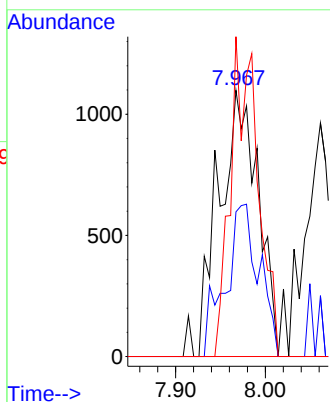
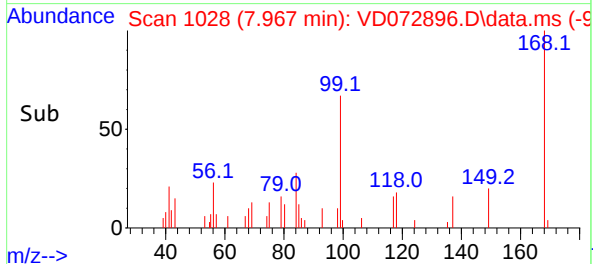
Instrument :
MSVOA_D
ClientSampleId :
WASTE



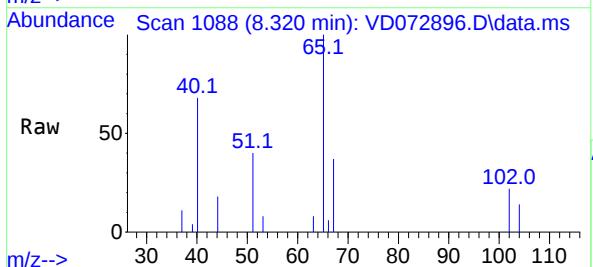
Tgt Ion: 56 Resp: 339
Ion Ratio Lower Upper
56 100
69 54.3 25.4 38.2
84 120.1 63.0 94.4

Manual Integrations
APPROVED

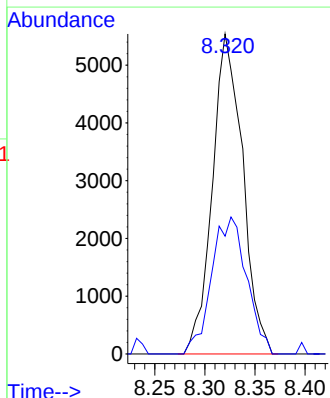
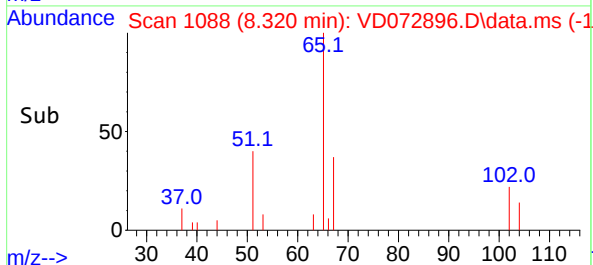
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

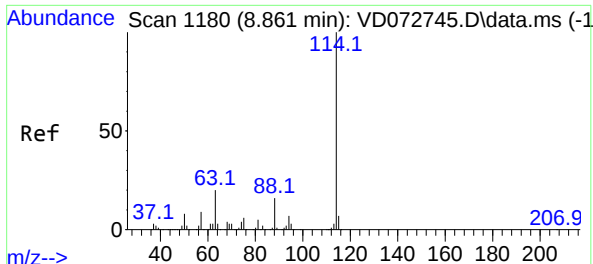


#33
1,2-Dichloroethane-d4
Concen: 70.984 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD072896.D
Acq: 09 May 2022 17:50



Tgt Ion: 65 Resp: 11656
Ion Ratio Lower Upper
65 100
67 49.5 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD072896.D

Acq: 09 May 2022 17:50

Instrument :

MSVOA_D

ClientSampleId :

WASTE

Tgt Ion:114 Resp: 24389

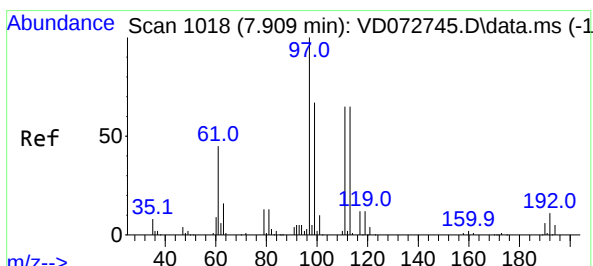
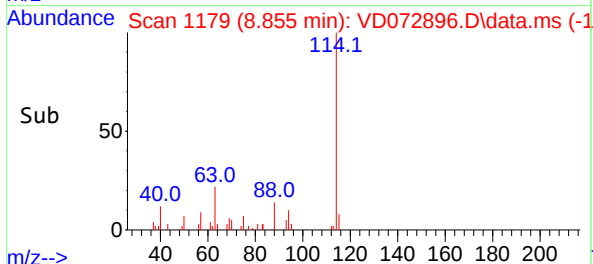
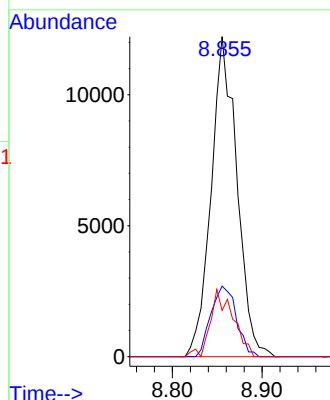
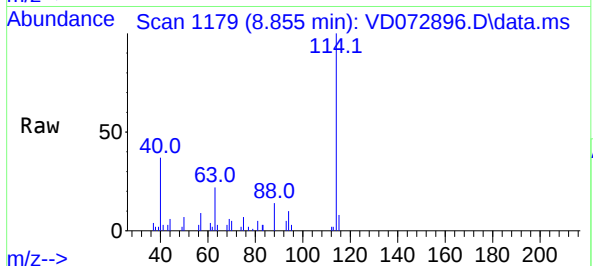
Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	46.6
88	14.5	0.0	33.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2022

Supervised By :Mahesh Dadoda 05/10/2022



#35

Dibromofluoromethane

Concen: 58.691 ug/l

RT: 7.908 min Scan# 1018

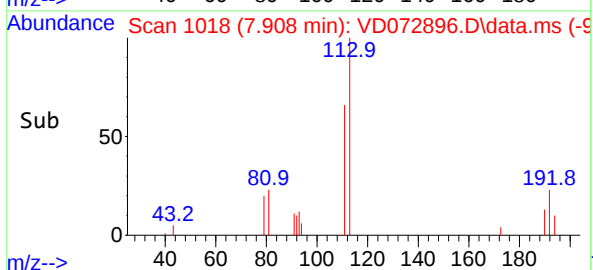
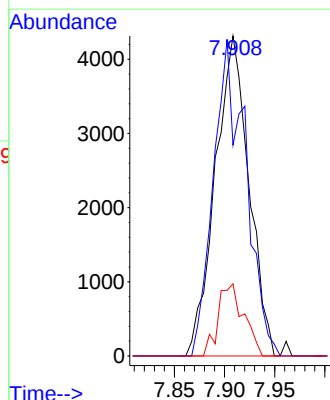
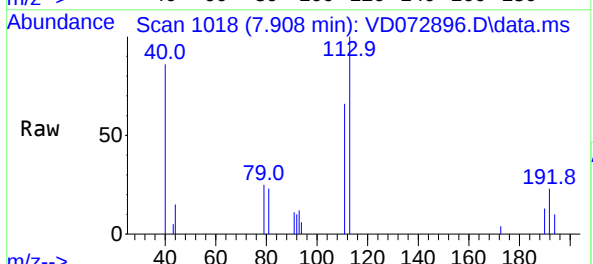
Delta R.T. -0.001 min

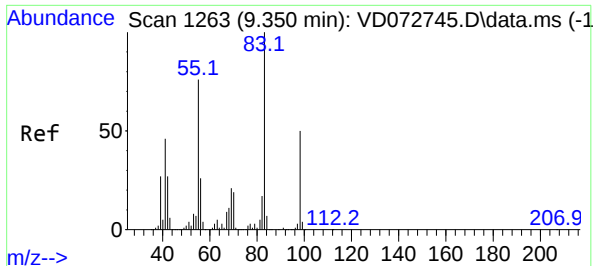
Lab File: VD072896.D

Acq: 09 May 2022 17:50

Tgt Ion:113 Resp: 10053

Ion	Ratio	Lower	Upper
113	100		
111	95.1	83.8	125.6
192	17.1	14.6	21.8





#39

Methylcyclohexane

Concen: 98.843 ug/l

RT: 9.355 min Scan# 1

Delta R.T. 0.005 min

Lab File: VD072896.D

Acq: 09 May 2022 17:50

Instrument :

MSVOA_D

ClientSampleId :

WASTE

Tgt Ion: 83 Resp: 3193

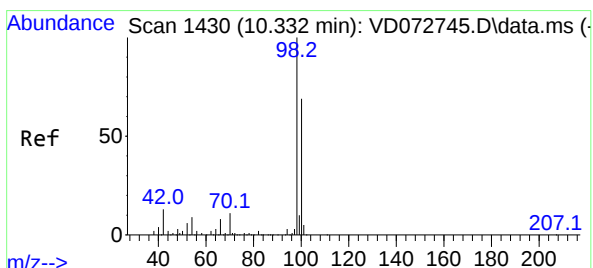
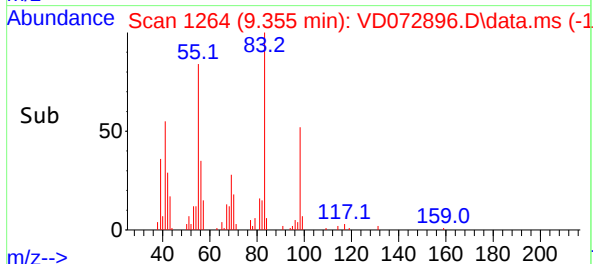
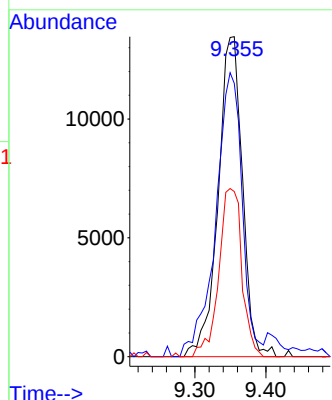
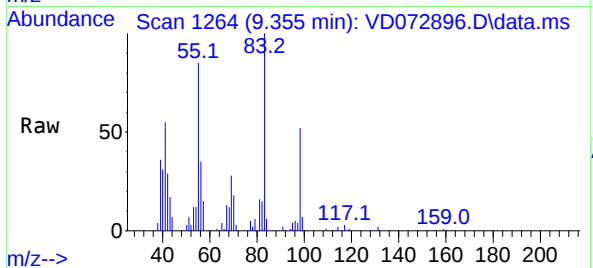
Ion	Ratio	Lower	Upper
83	100		
55	85.4	63.2	94.8
98	51.6	38.2	57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/10/2022

Supervised By :Mahesh Dadoda 05/10/2022



#50

Toluene-d8

Concen: 62.610 ug/l

RT: 10.332 min Scan# 1430

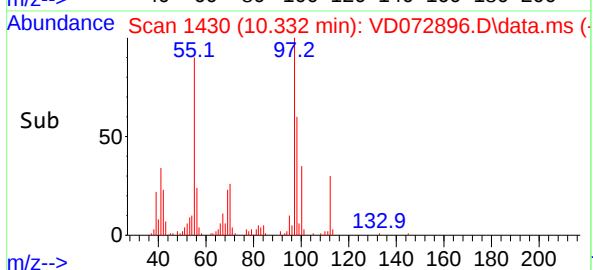
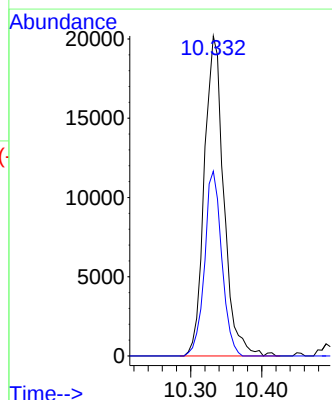
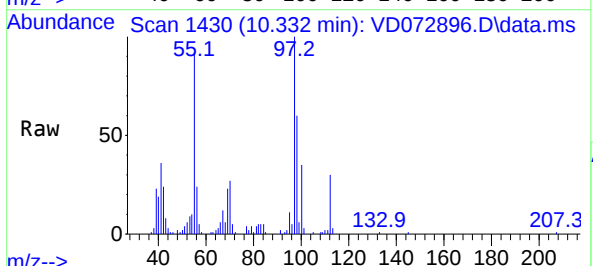
Delta R.T. -0.000 min

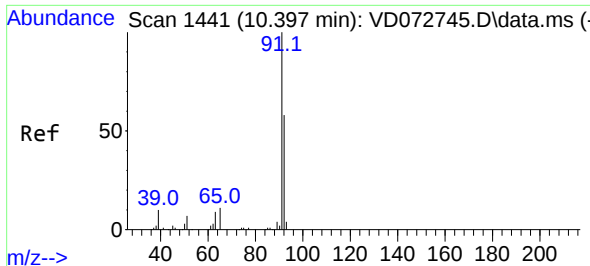
Lab File: VD072896.D

Acq: 09 May 2022 17:50

Tgt Ion: 98 Resp: 38469

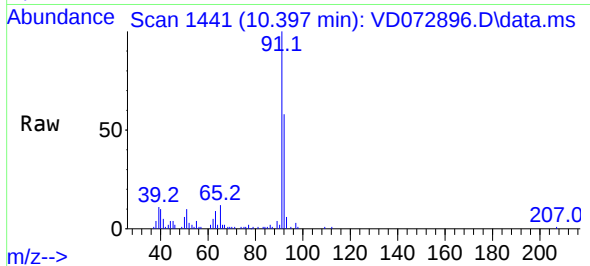
Ion	Ratio	Lower	Upper
98	100		
100	50.9	52.4	78.6





#52
Toluene
Concen: 71.888 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD072896.D
Acq: 09 May 2022 17:50

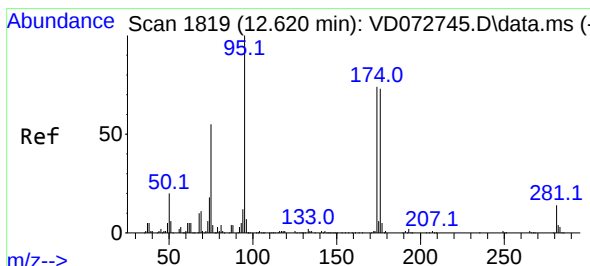
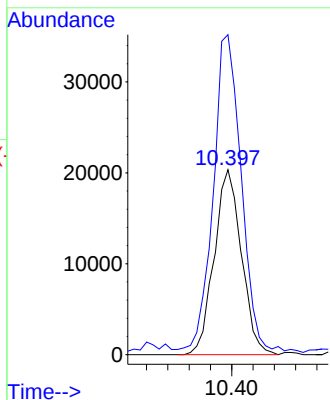
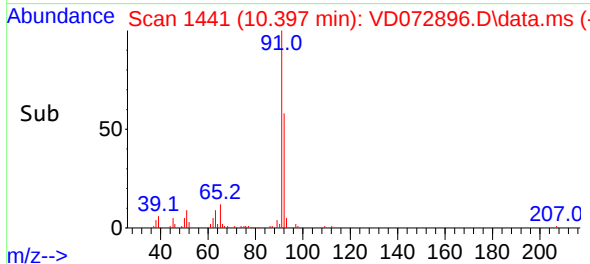
Instrument :
MSVOA_D
ClientSampleId :
WASTE



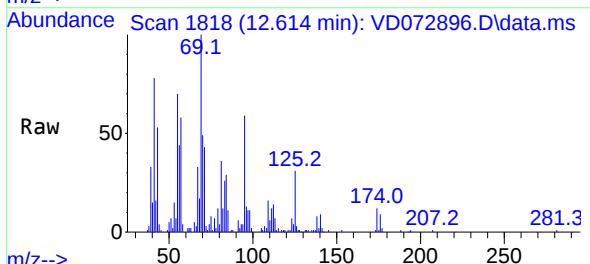
Tgt Ion: 92 Resp: 3606
Ion Ratio Lower Upper
92 100
91 178.7 139.6 209.4

Manual Integrations
APPROVED

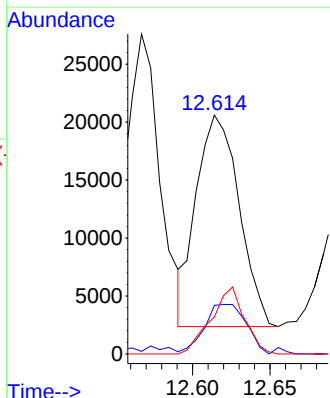
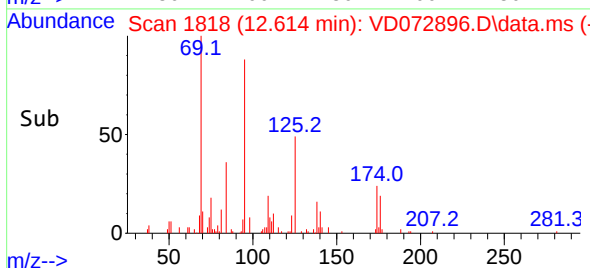
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

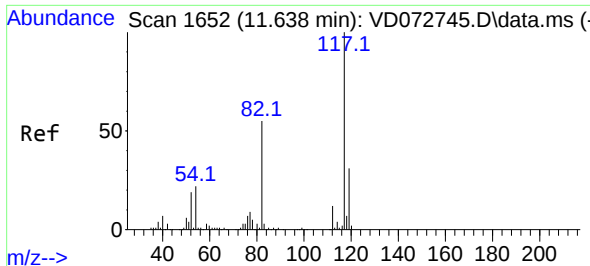


#62
4-Bromofluorobenzene
Concen: 153.356 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD072896.D
Acq: 09 May 2022 17:50



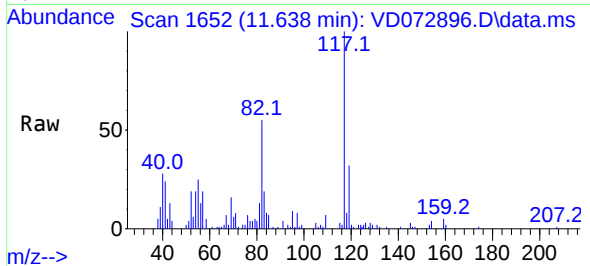
Tgt Ion: 95 Resp: 35134
Ion Ratio Lower Upper
95 100
174 22.7 0.0 152.8
176 24.8 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072896.D
Acq: 09 May 2022 17:50

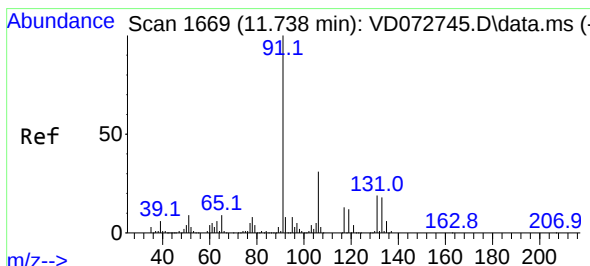
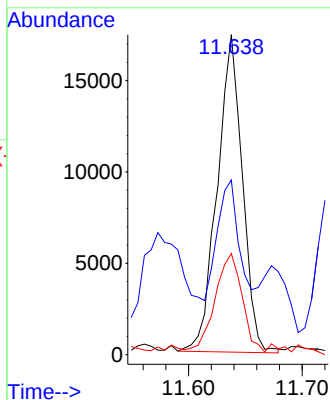
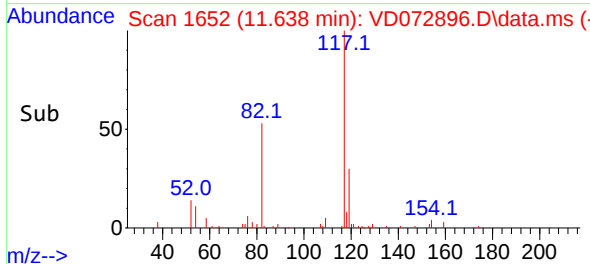
Instrument :
MSVOA_D
ClientSampleId :
WASTE



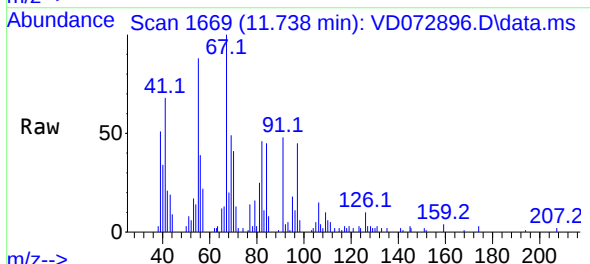
Tgt Ion:117 Resp: 26810
Ion Ratio Lower Upper
117 100
82 29.0 45.3 67.9
119 30.1 26.6 40.0

Manual Integrations
APPROVED

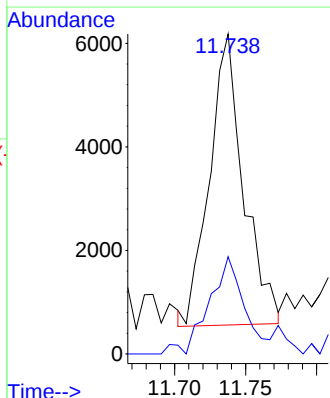
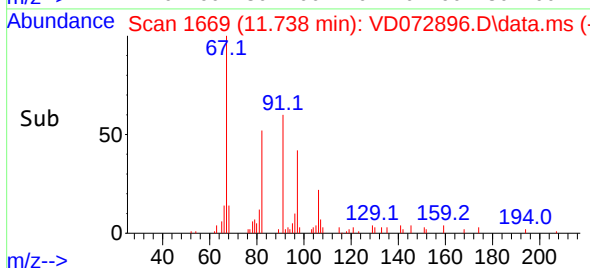
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

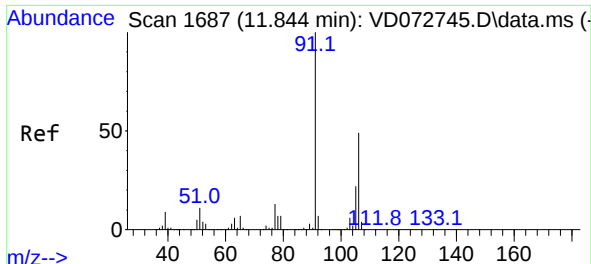


#67
Ethyl Benzene
Concen: 8.688 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072896.D
Acq: 09 May 2022 17:50



Tgt Ion: 91 Resp: 9324
Ion Ratio Lower Upper
91 100
106 31.7 24.2 36.4





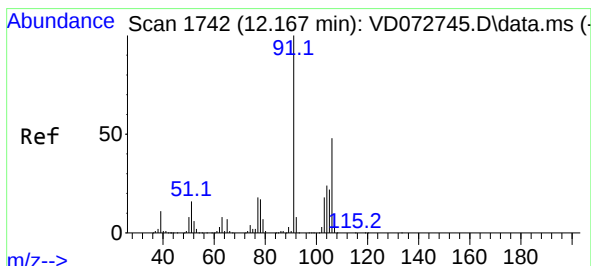
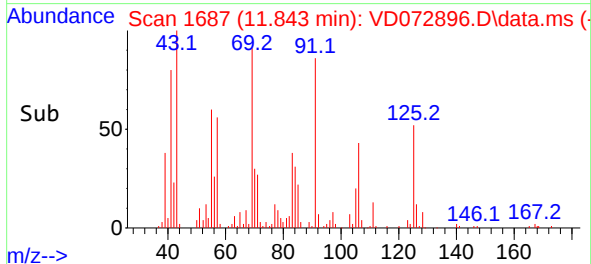
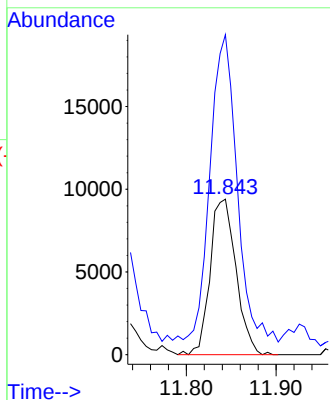
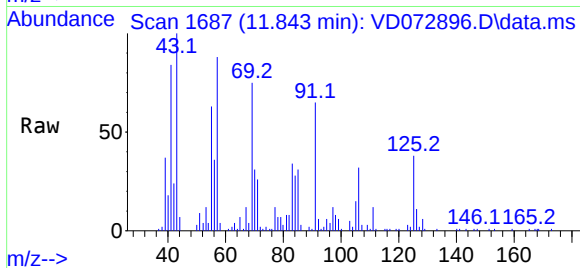
#68
m/p-Xylenes
Concen: 45.619 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.001 min
Lab File: VD072896.D
Acq: 09 May 2022 17:50

Instrument :
MSVOA_D
ClientSampleId :
WASTE

Tgt Ion:106 Resp: 1885
Ion Ratio Lower Upper
106 100
91 205.5 163.7 245.5

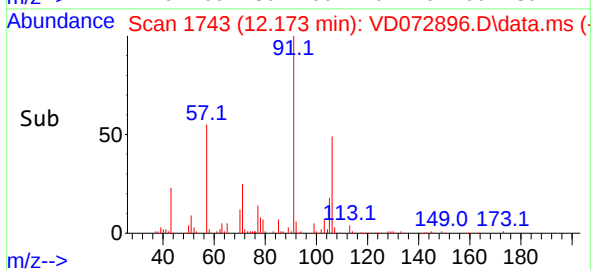
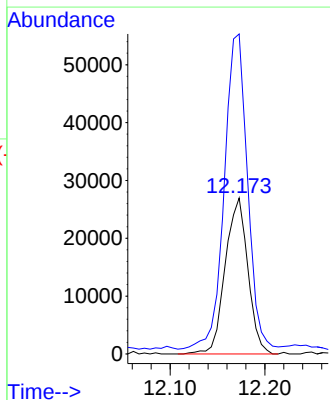
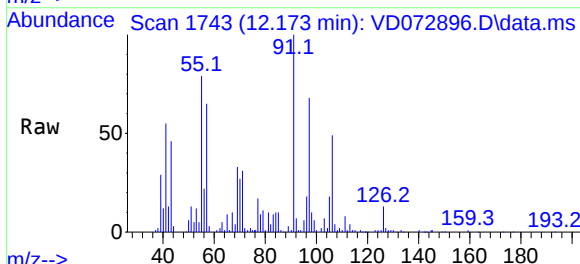
Manual Integrations
APPROVED

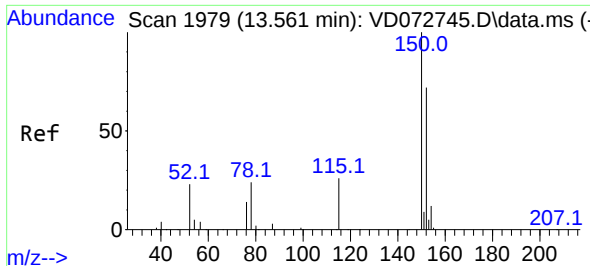
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022



#69
o-Xylene
Concen: 116.056 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VD072896.D
Acq: 09 May 2022 17:50

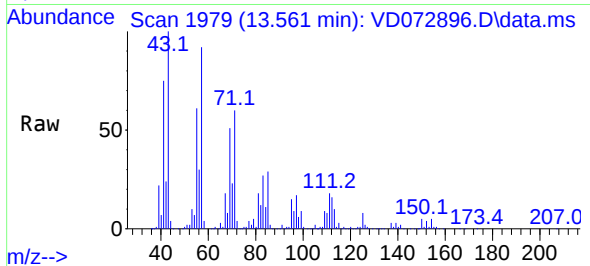
Tgt Ion:106 Resp: 44806
Ion Ratio Lower Upper
106 100
91 206.9 110.4 331.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l m
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072896.D
Acq: 09 May 2022 17:50

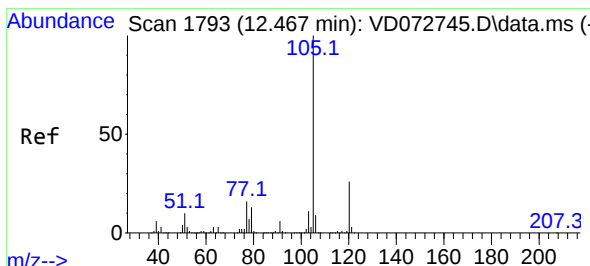
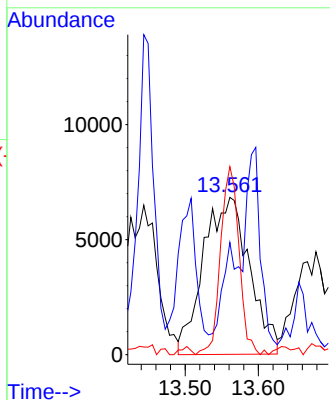
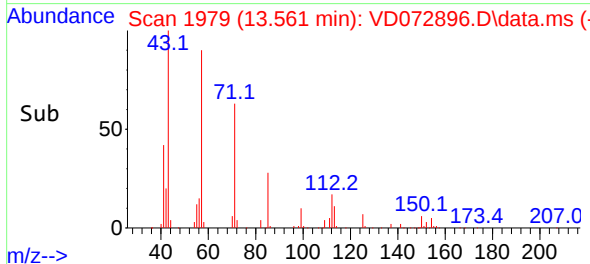
Instrument :
MSVOA_D
ClientSampleId :
WASTE



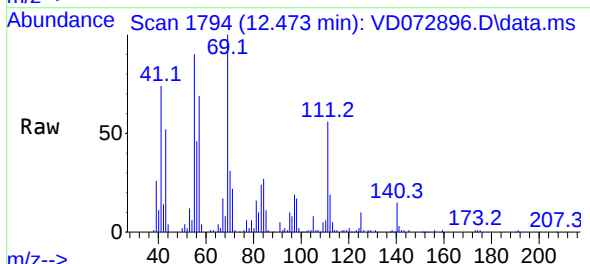
Tgt Ion:152 Resp: 2974
Ion Ratio Lower Upper
152 100
115 12.5 31.3 93.8
150 2.6 0.0 348.6

Manual Integrations
APPROVED

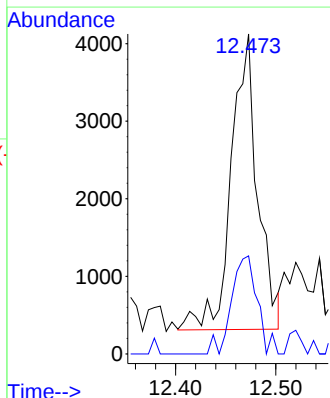
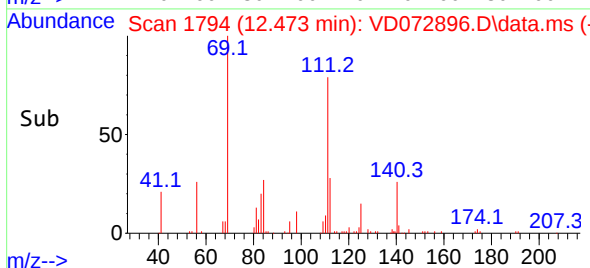
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

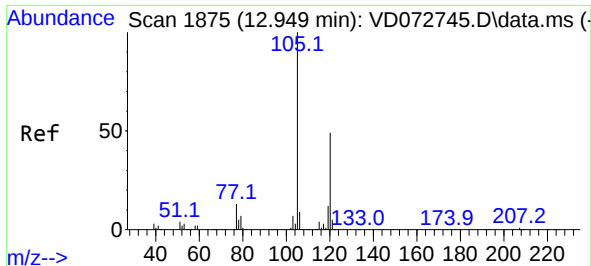


#73
Isopropylbenzene
Concen: 3.012 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD072896.D
Acq: 09 May 2022 17:50



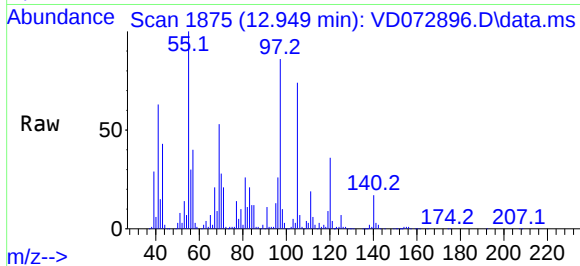
Tgt Ion:105 Resp: 6972
Ion Ratio Lower Upper
105 100
120 32.3 13.0 38.9





#80
1,3,5-Trimethylbenzene
Concen: 157.805 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072896.D
Acq: 09 May 2022 17:50

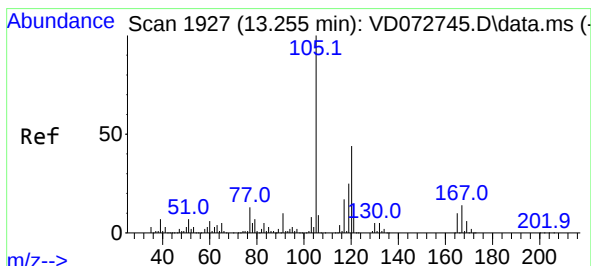
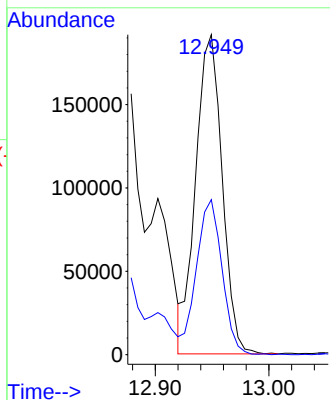
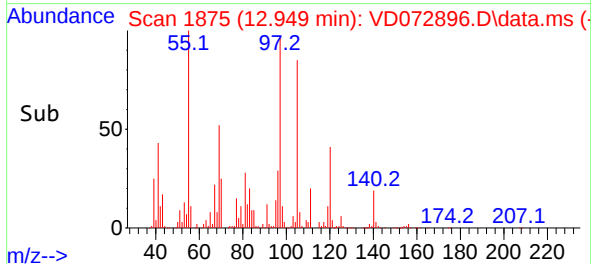
Instrument :
MSVOA_D
ClientSampleId :
WASTE



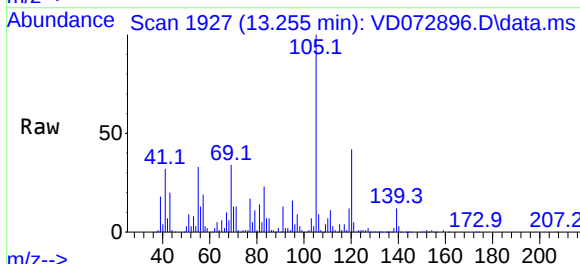
Tgt Ion:105 Resp: 309685
Ion Ratio Lower Upper
105 100
120 47.3 24.3 72.8

Manual Integrations
APPROVED

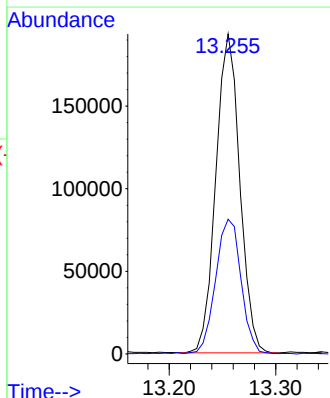
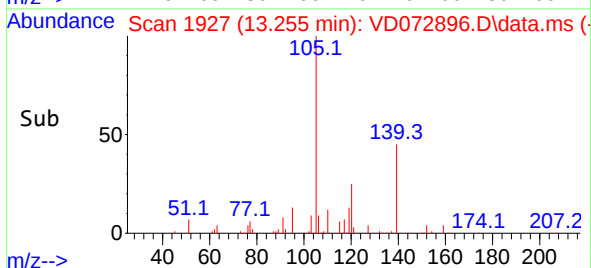
Reviewed By :John Carlone 05/10/2022
Supervised By :Mahesh Dadoda 05/10/2022

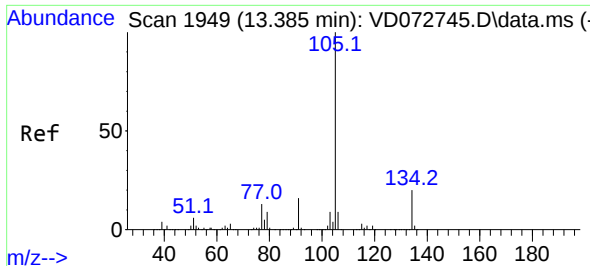


#84
1,2,4-Trimethylbenzene
Concen: 153.362 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD072896.D
Acq: 09 May 2022 17:50



Tgt Ion:105 Resp: 300835
Ion Ratio Lower Upper
105 100
120 45.4 22.3 66.8





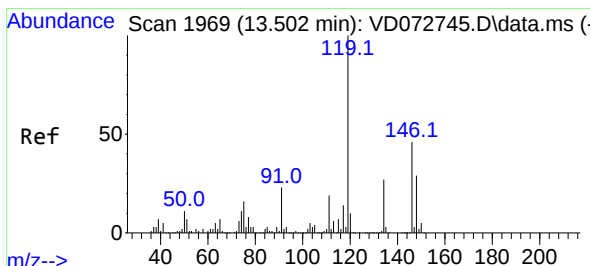
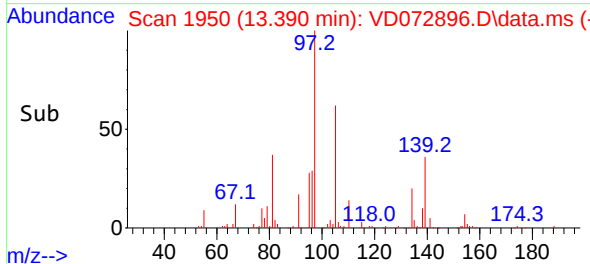
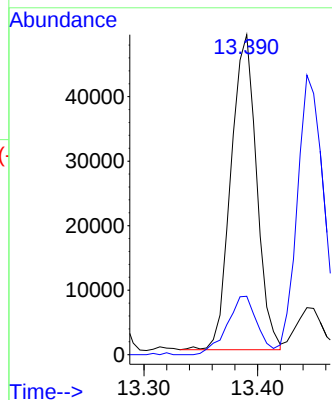
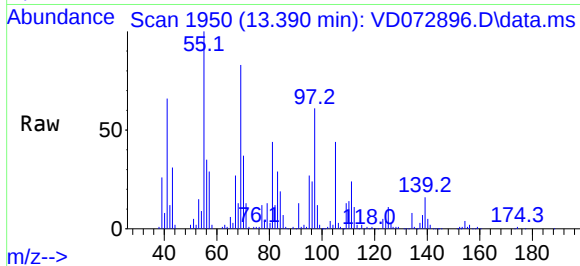
#85
 sec-Butylbenzene
 Concen: 30.414 ug/l
 RT: 13.390 min Scan# 1949
 Delta R.T. 0.005 min
 Lab File: VD072896.D
 Acq: 09 May 2022 17:50

Instrument :
 MSVOA_D
 ClientSampleId :
 WASTE

Tgt Ion:105 Resp: 7653
 Ion Ratio Lower Upper
 105 100
 134 21.8 9.8 29.3

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/10/2022
 Supervised By :Mahesh Dadoda 05/10/2022



#86
 p-Isopropyltoluene
 Concen: 50.334 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD072896.D
 Acq: 09 May 2022 17:50

Tgt Ion:119 Resp: 103847
 Ion Ratio Lower Upper
 119 100
 134 26.9 12.9 38.6
 91 28.9 12.1 36.3

