

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
 Data File : VY009592.D
 Acq On : 19 Jul 2022 16:15
 Operator : KP/MD
 Sample : N3651-03
 Misc : 5.44g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-2-(6-12)

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/20/2022
 Supervised By :Mahesh Dadoda 07/20/2022

Quant Time: Jul 20 02:44:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	207019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	314291	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	266959	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	115560	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	50646	25.868	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	51.740%		
35) Dibromofluoromethane	7.710	113	62551	31.591	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	63.180%		
50) Toluene-d8	10.179	98	461122	60.580	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	121.160%		
62) 4-Bromofluorobenzene	12.471	95	250394	101.520	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	203.040%#		
Target Compounds						
16) Acetone	3.930	43	256891	518.671	ug/l #	63
17) Carbon Disulfide	4.186	76	8866	1.498	ug/l	100
31) Cyclohexane	7.765	56	350140	101.422	ug/l #	67
39) Methylcyclohexane	9.149	83	1321036	366.164	ug/l #	15
73) Isopropylbenzene	12.331	105	108415	13.550	ug/l	97
78) n-propylbenzene	12.666	91	96969	10.030	ug/l	95
83) tert-Butylbenzene	13.075	119	27917m	4.753	ug/l	
84) 1,2,4-Trimethylbenzene	13.117	105	8969	1.356	ug/l	90
85) sec-Butylbenzene	13.252	105	199240	22.879	ug/l #	43
86) p-Isopropyltoluene	13.367	119	18443m	2.520	ug/l	

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

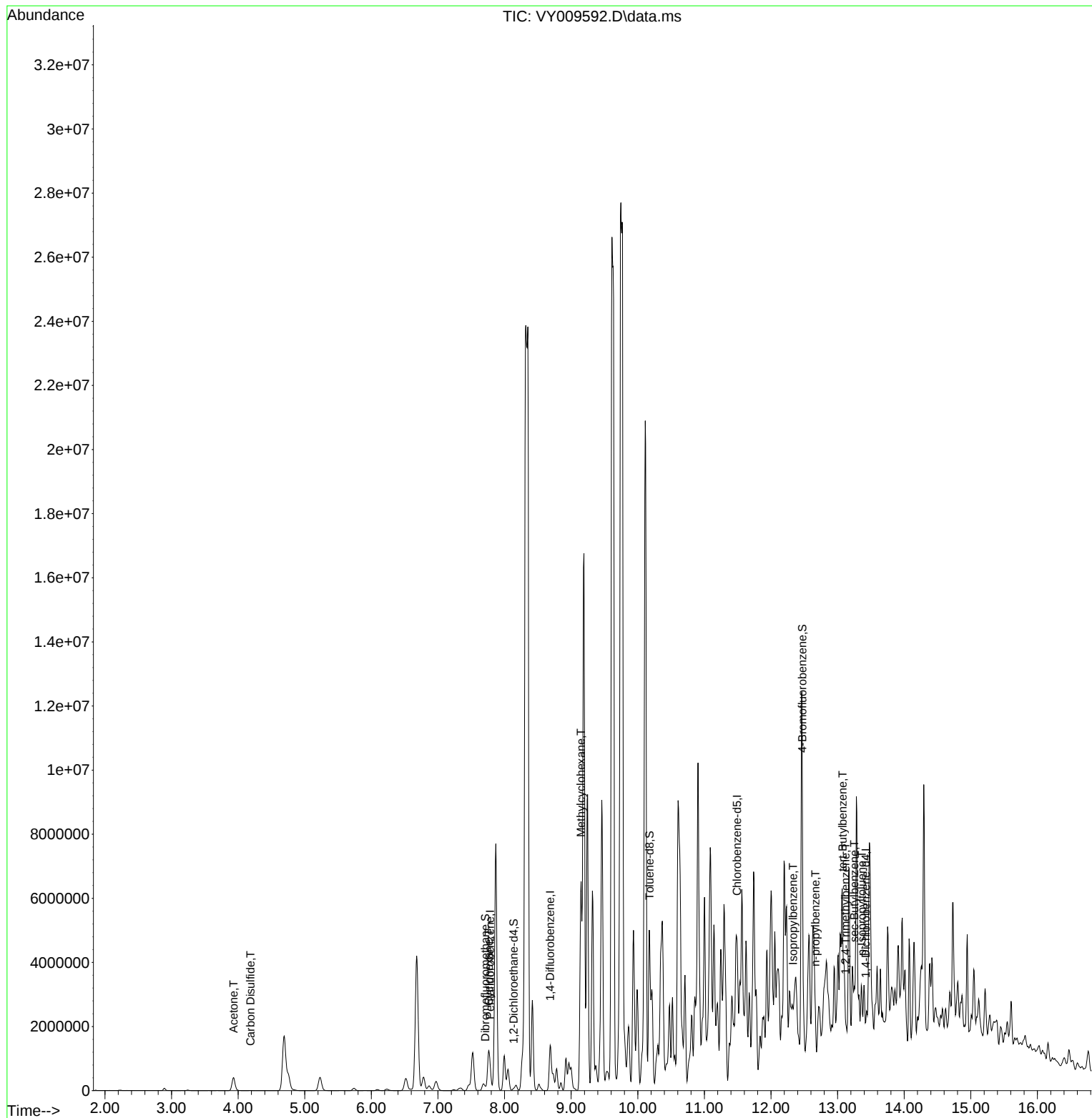
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
Data File : VY009592.D
Acq On : 19 Jul 2022 16:15
Operator : KP/MD
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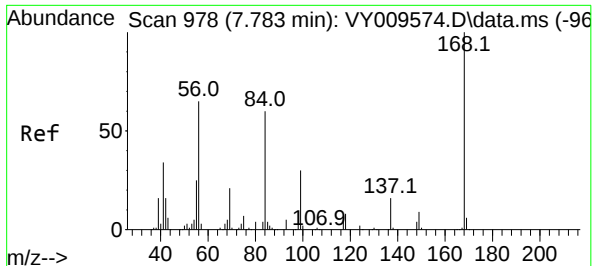
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(6-12)

Quant Time: Jul 20 02:44:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 19 04:22:09 2022
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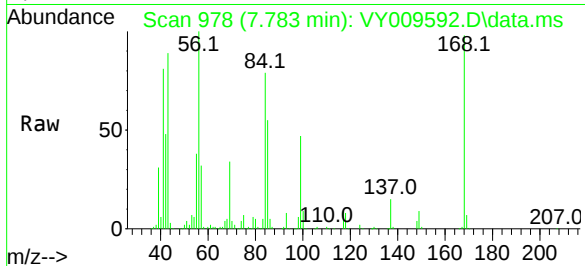
Reviewed By :Krupa Patel 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

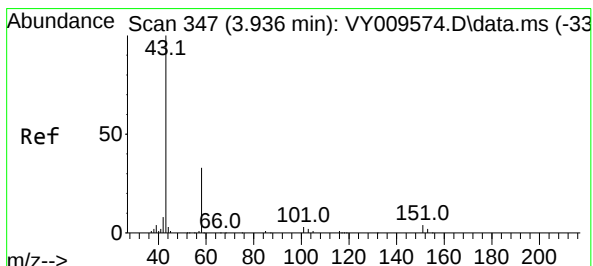
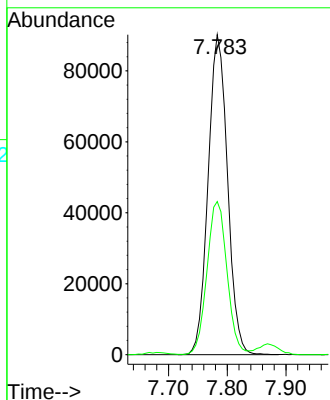
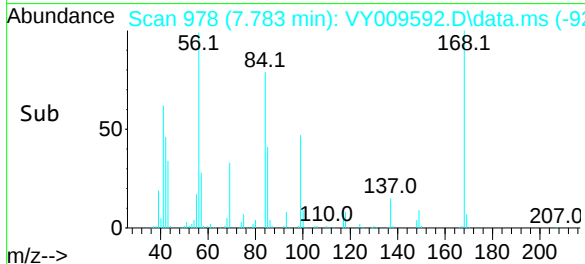
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(6-12)



Tgt Ion:168 Resp: 207019
Ion Ratio Lower Upper
168 100
99 47.7 46.9 70.3

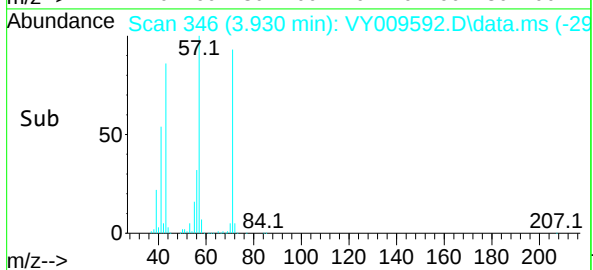
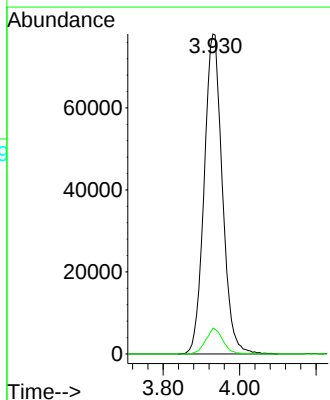
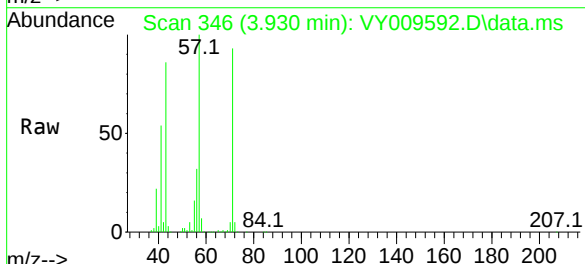
Manual Integrations
APPROVED

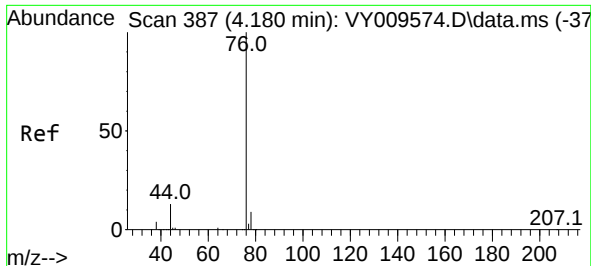
Reviewed By :Krupa Patel 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#16
Acetone
Concen: 518.671 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

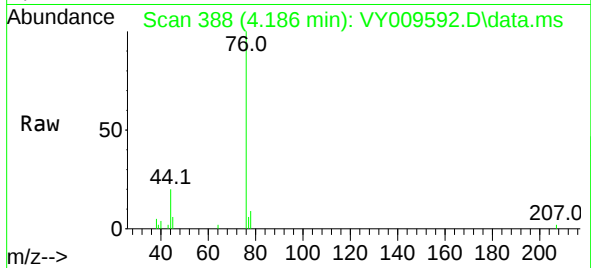
Tgt Ion: 43 Resp: 256891
Ion Ratio Lower Upper
43 100
58 8.1 22.0 33.0#





#17
Carbon Disulfide
Concen: 1.498 ug/l
RT: 4.186 min Scan# 387
Delta R.T. 0.006 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

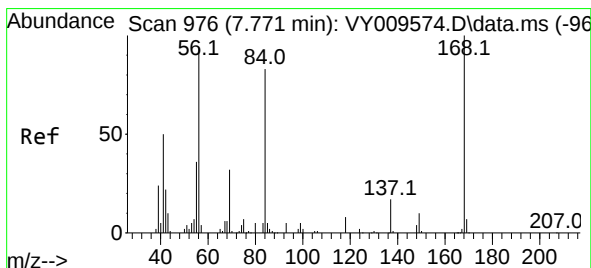
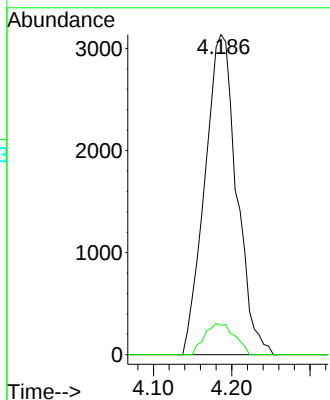
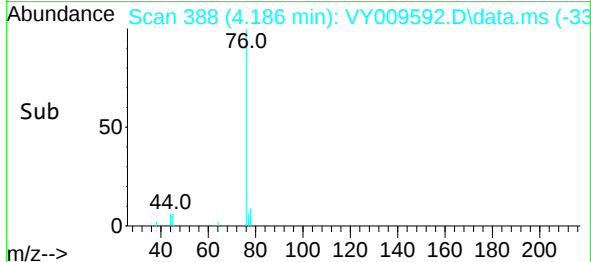
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(6-12)



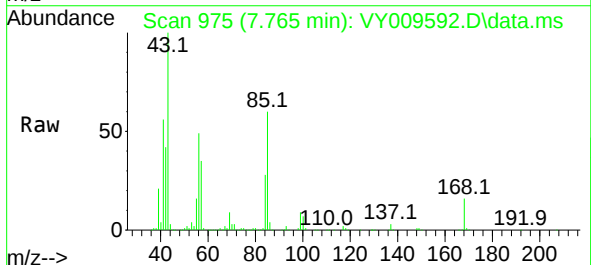
Tgt Ion: 76 Resp: 8860
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

Manual Integrations
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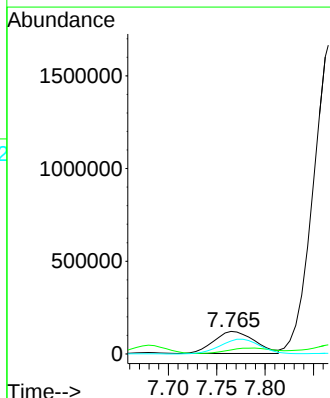
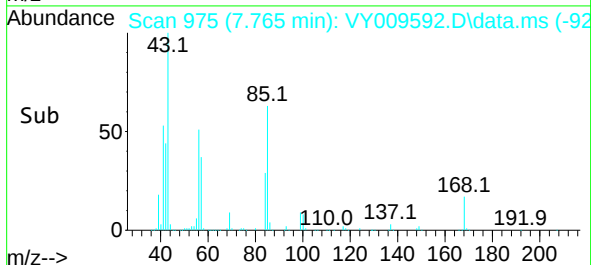
Reviewed By :Krupa Patel 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022

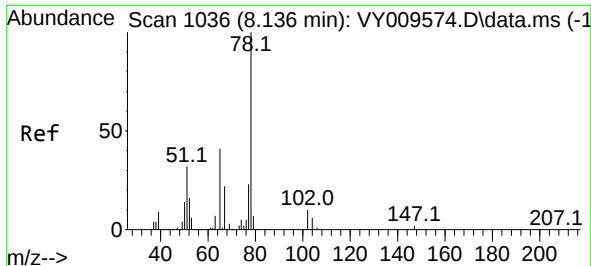


#31
Cyclohexane
Concen: 101.422 ug/l
RT: 7.765 min Scan# 975
Delta R.T. -0.006 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15



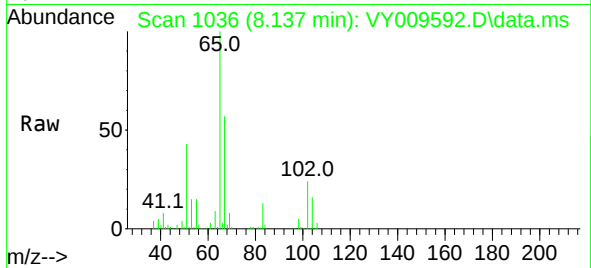
Tgt Ion: 56 Resp: 350140
Ion Ratio Lower Upper
56 100
69 8.2 26.7 40.1#
84 58.3 67.2 100.8#





#33
1,2-Dichloroethane-d4
Concen: 25.868 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

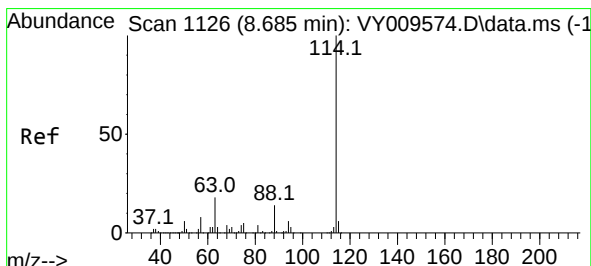
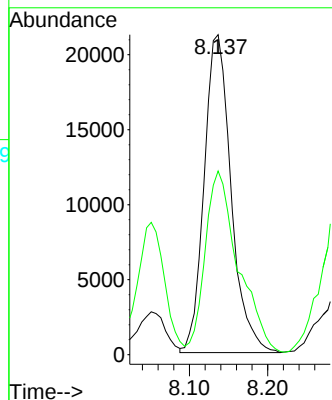
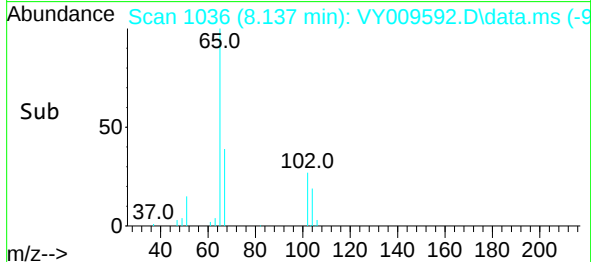
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(6-12)



Tgt Ion: 65 Resp: 50640
Ion Ratio Lower Upper
65 100
67 70.0 0.0 99.4

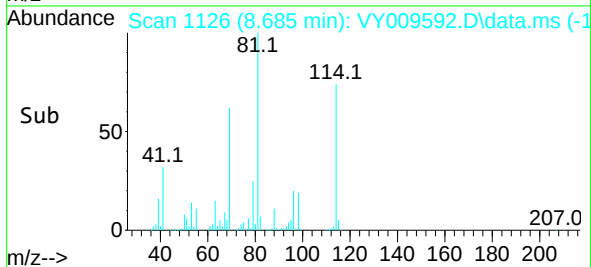
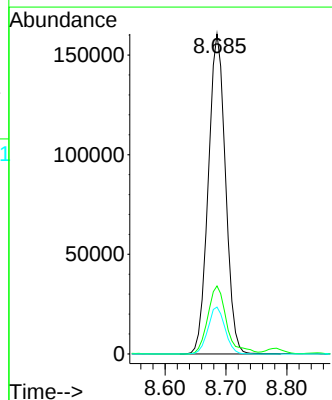
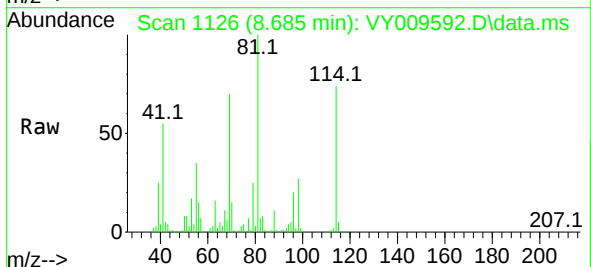
Manual Integrations
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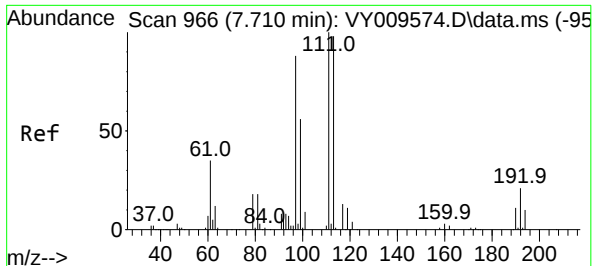
Reviewed By :Krupa Patel 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

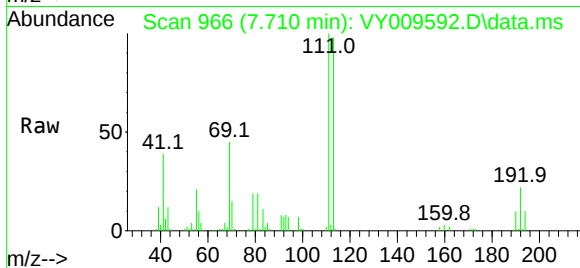
Tgt Ion:114 Resp: 314291
Ion Ratio Lower Upper
114 100
63 21.2 0.0 43.2
88 14.7 0.0 31.8





#35
Dibromofluoromethane
Concen: 31.591 ug/l
RT: 7.710 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

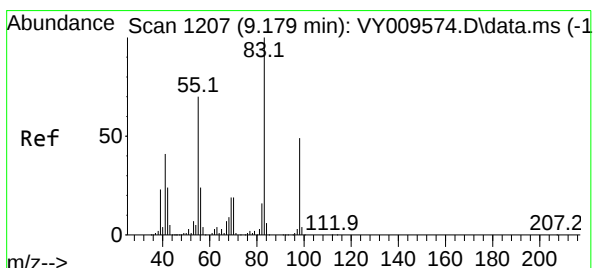
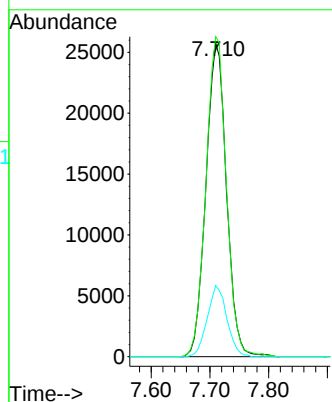
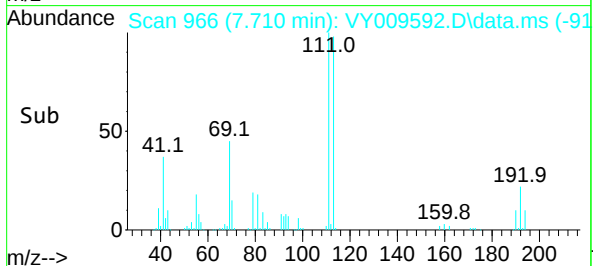
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(6-12)



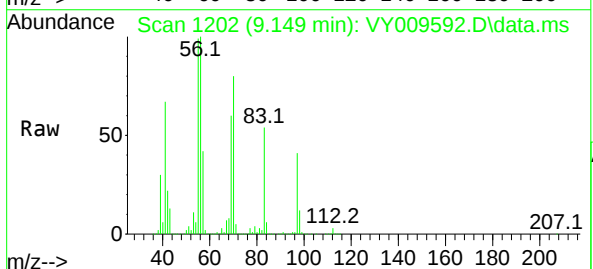
Tgt Ion:113 Resp: 6255
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 21.7 17.6 26.4

Manual Integrations
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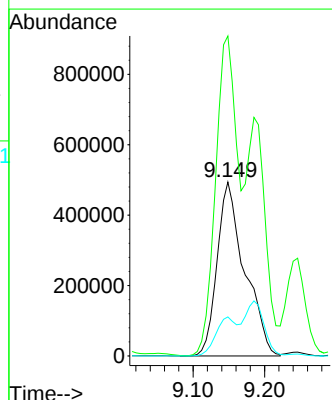
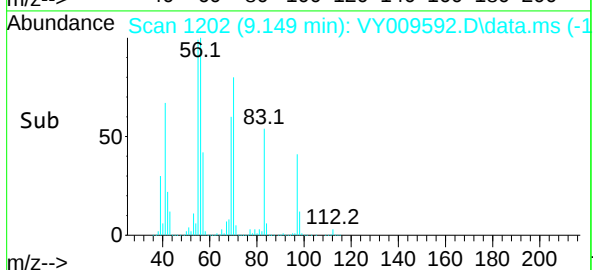
Reviewed By :Krupa Patel 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022

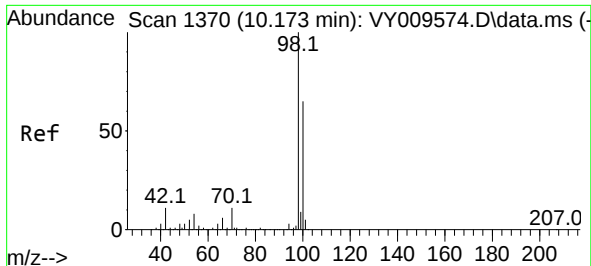


#39
Methylcyclohexane
Concen: 366.164 ug/l
RT: 9.149 min Scan# 1202
Delta R.T. -0.030 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15



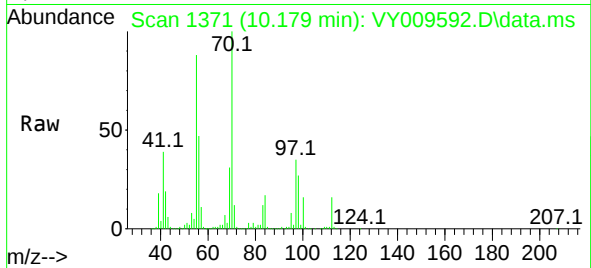
Tgt Ion: 83 Resp: 1321036
Ion Ratio Lower Upper
83 100
55 183.7 66.5 99.7#
98 22.4 37.9 56.9#





#50
Toluene-d8
Concen: 60.580 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

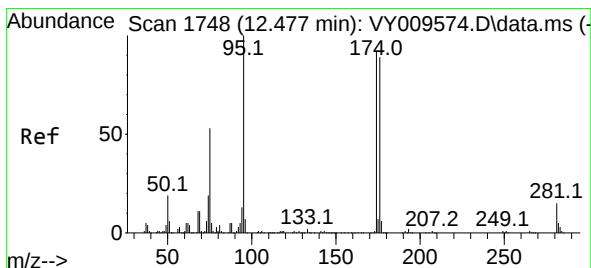
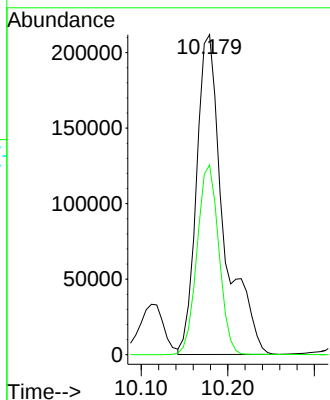
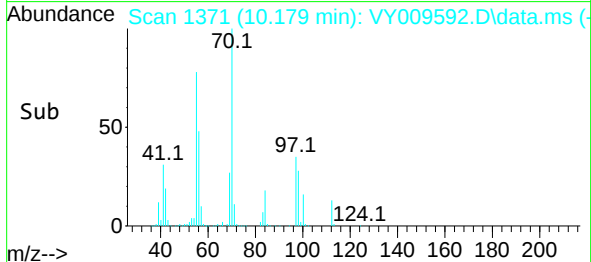
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(6-12)



Tgt Ion: 98 Resp: 46112
Ion Ratio Lower Upper
98 100
100 47.6 50.2 75.2

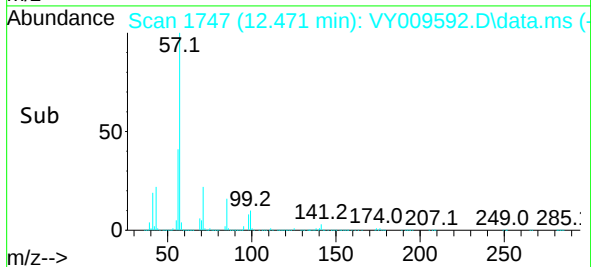
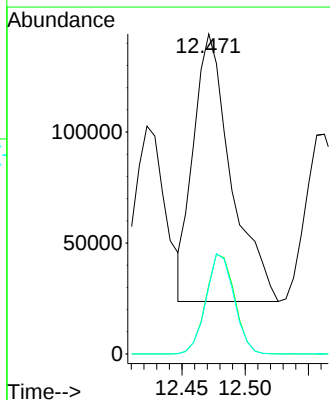
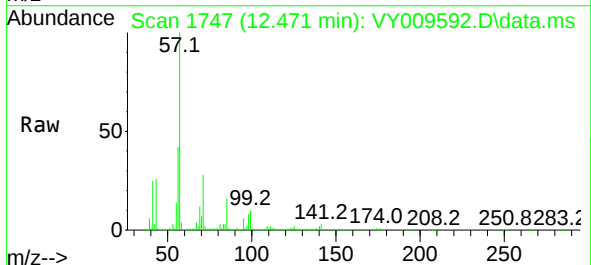
Manual Integrations
APPROVED

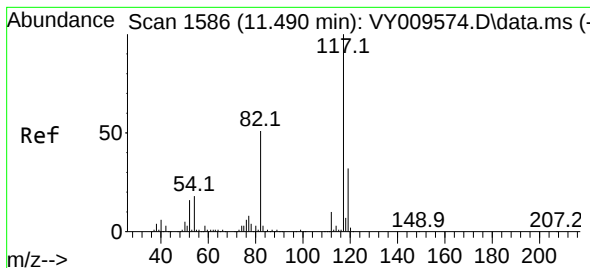
Reviewed By :Krupa Patel 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#62
4-Bromofluorobenzene
Concen: 101.520 ug/l
RT: 12.471 min Scan# 1747
Delta R.T. -0.006 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

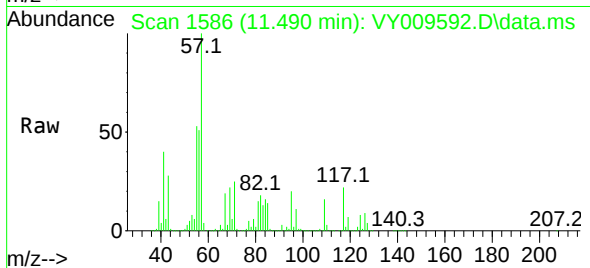
Tgt Ion: 95 Resp: 250394
Ion Ratio Lower Upper
95 100
174 28.4 0.0 177.0
176 27.7 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

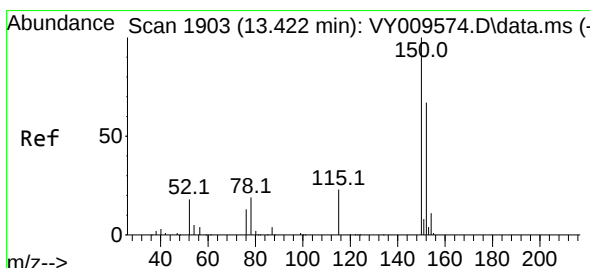
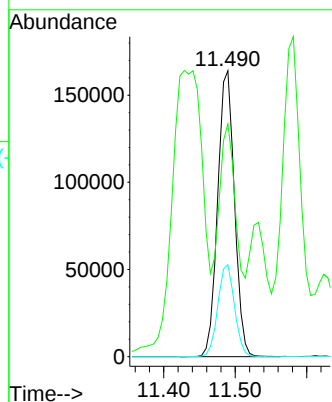
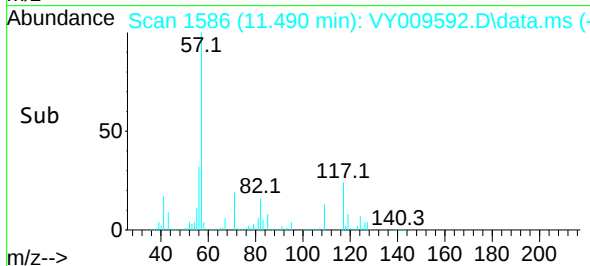
Instrument :
MSVOA_Y
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SED-2-(6-12)



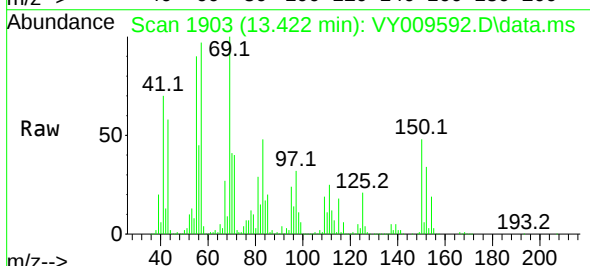
Tgt Ion:117 Resp: 266959
Ion Ratio Lower Upper
117 100
82 33.9 43.0 64.4
119 32.2 25.4 38.0

Manual Integrations
APPROVED

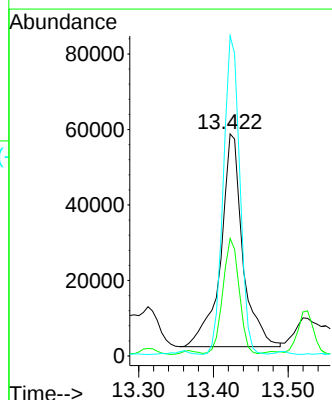
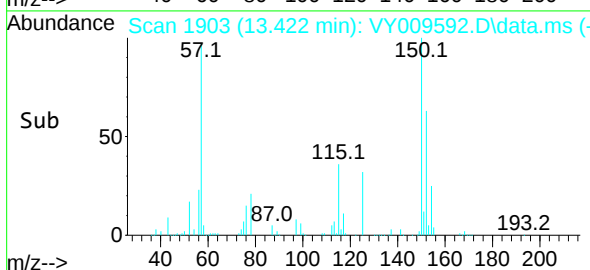
Reviewed By :Krupa Patel 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022

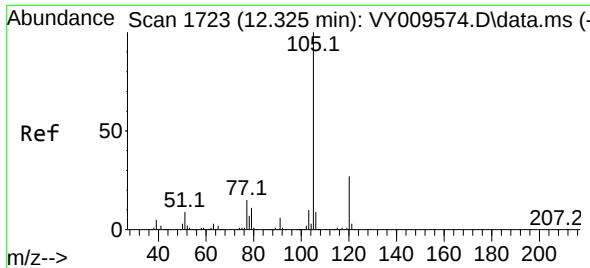


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15



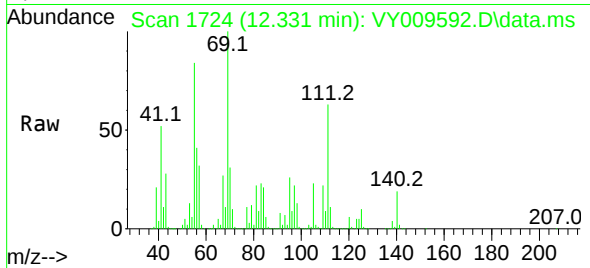
Tgt Ion:152 Resp: 115560
Ion Ratio Lower Upper
152 100
115 40.1 28.2 84.7
150 112.1 0.0 347.6





#73
Isopropylbenzene
Concen: 13.550 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

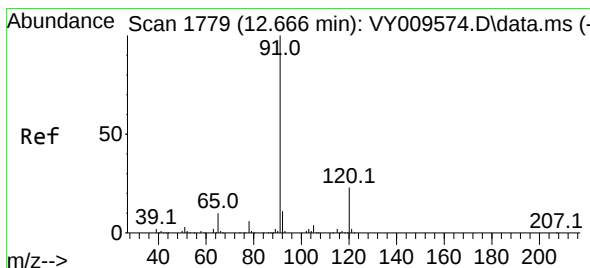
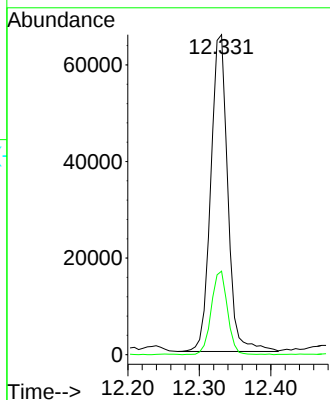
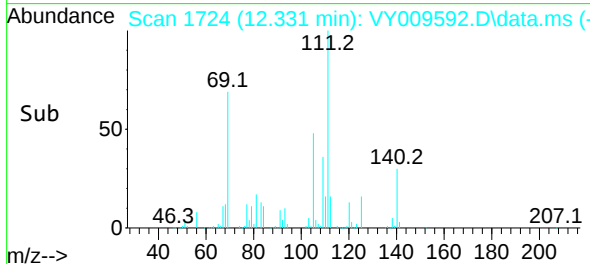
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(6-12)



Tgt Ion:105 Resp: 10841
Ion Ratio Lower Upper
105 100
120 25.0 13.4 40.2

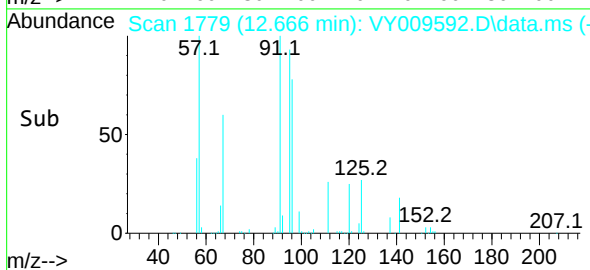
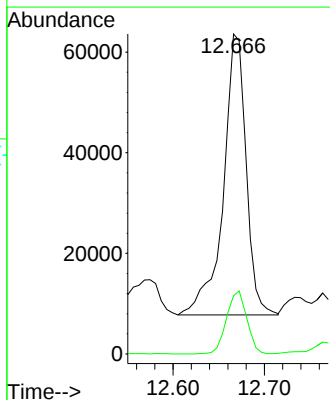
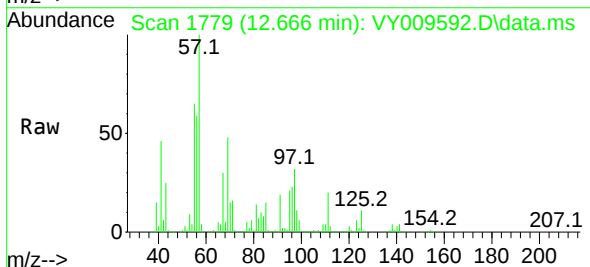
Manual Integrations
APPROVED

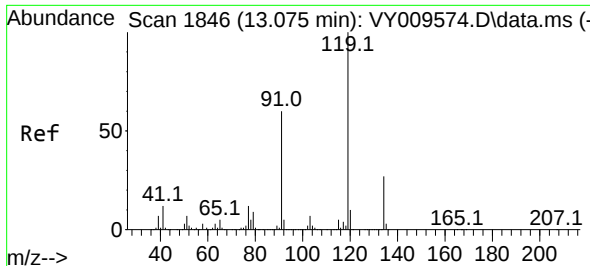
Reviewed By :Krupa Patel 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#78
n-propylbenzene
Concen: 10.030 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

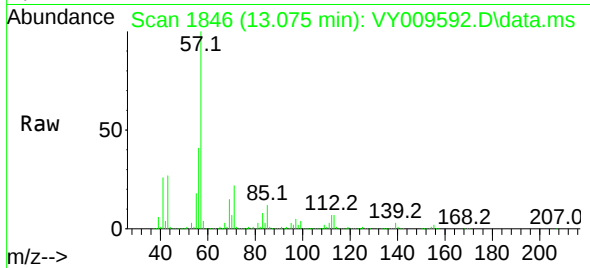
Tgt Ion: 91 Resp: 96969
Ion Ratio Lower Upper
91 100
120 20.0 11.3 33.9





#83
tert-Butylbenzene
Concen: 4.753 ug/l m
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15

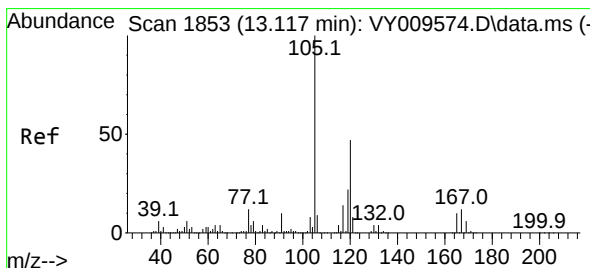
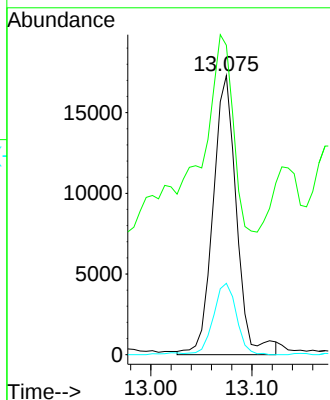
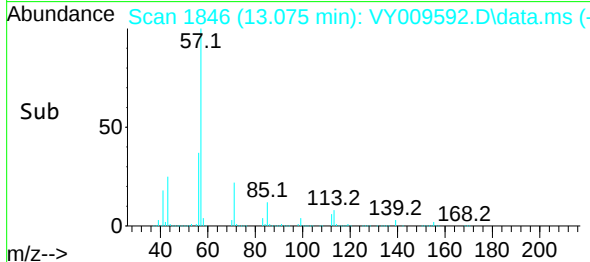
Instrument :
MSVOA_Y
ClientSampleId :
SED-2-(6-12)



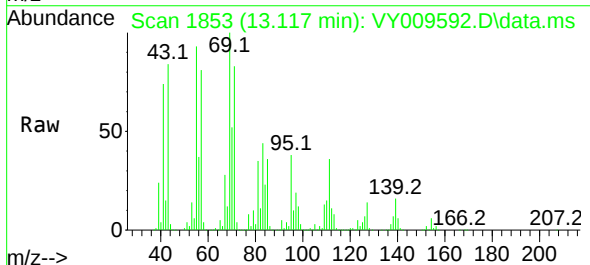
Tgt Ion:119 Resp: 2791
Ion Ratio Lower Upper
119 100
91 66.1 34.8 104.4
134 30.0 13.3 39.9

Manual Integrations
APPROVED

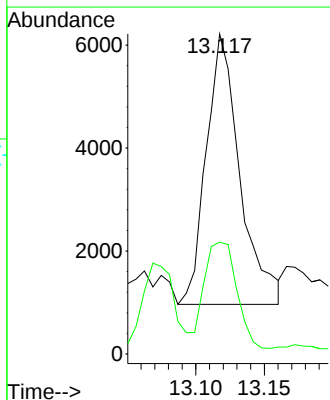
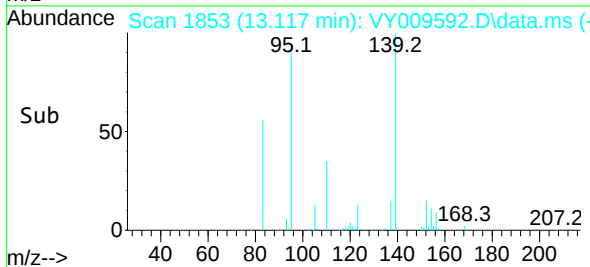
Reviewed By :Krupa Patel 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022

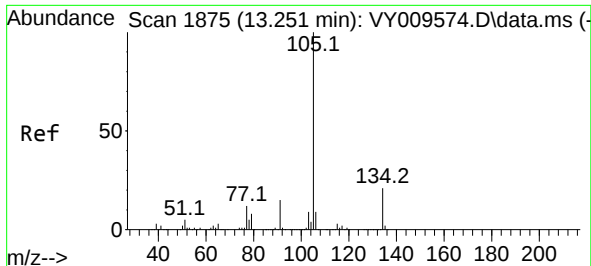


#84
1,2,4-Trimethylbenzene
Concen: 1.356 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009592.D
Acq: 19 Jul 2022 16:15



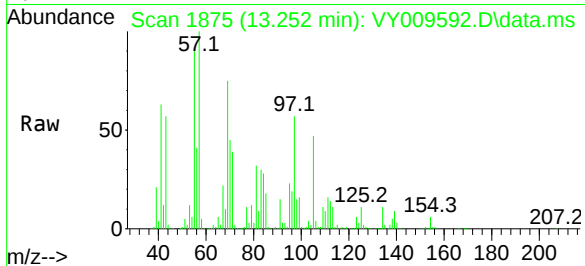
Tgt Ion:105 Resp: 8969
Ion Ratio Lower Upper
105 100
120 38.3 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 22.879 ug/l
 RT: 13.252 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY009592.D
 Acq: 19 Jul 2022 16:15

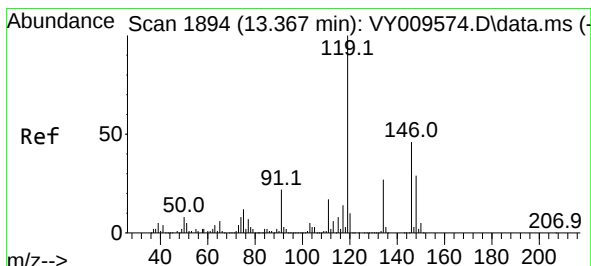
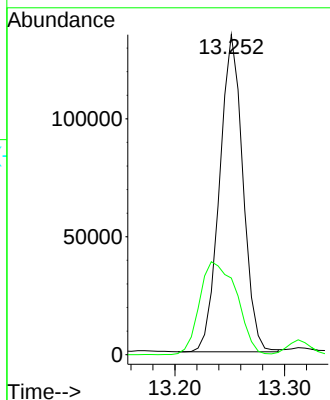
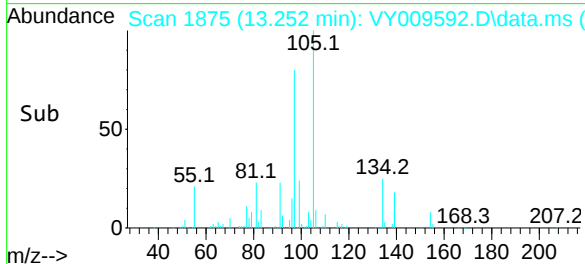
Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-2-(6-12)



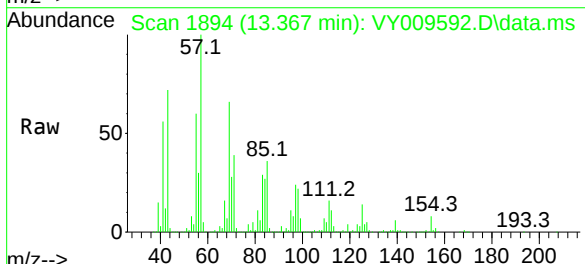
Tgt Ion:105 Resp: 199240
 Ion Ratio Lower Upper
 105 100
 134 46.5 10.2 30.4

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/20/2022
 Supervised By :Mahesh Dadoda 07/20/2022



#86
 p-Isopropyltoluene
 Concen: 2.520 ug/l m
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY009592.D
 Acq: 19 Jul 2022 16:15



Tgt Ion:119 Resp: 18443
 Ion Ratio Lower Upper
 119 100
 134 318.9 13.2 39.5#
 91 278.0 12.4 37.2#

