

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103122\
 Data File : VY011206.D
 Acq On : 31 Oct 2022 18:42
 Operator : KP/MD
 Sample : N5362-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-26516

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/01/2022
 Supervised By :Mahesh Dadoda 11/01/2022

Quant Time: Nov 01 02:46:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 23:42:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	57290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	108820	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	72049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	17648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	52849	89.213	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 178.420%#			
35) Dibromofluoromethane	7.716	113	49168	73.473	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 146.940%			
50) Toluene-d8	10.179	98	113647	42.867	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 85.740%			
62) 4-Bromofluorobenzene	12.477	95	28599	32.968	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 65.940%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.942	59	2859m	46.397	ug/l	
16) Acetone	3.942	43	4373	30.171	ug/l	90
20) Methylene Chloride	4.710	84	21826	34.373	ug/l	89
25) 2-Butanone	6.978	43	2475	11.912	ug/l	97
51) 4-Methyl-2-Pentanone	10.063	43	3594	7.242	ug/l	89
67) Ethyl Benzene	11.593	91	27812	12.000	ug/l	100
68) m/p-Xylenes	11.697	106	24450	27.680	ug/l	94
69) o-Xylene	12.026	106	9030	10.719	ug/l	98
78) n-propylbenzene	12.672	91	2227	1.589	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	6760	7.074	ug/l	98

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

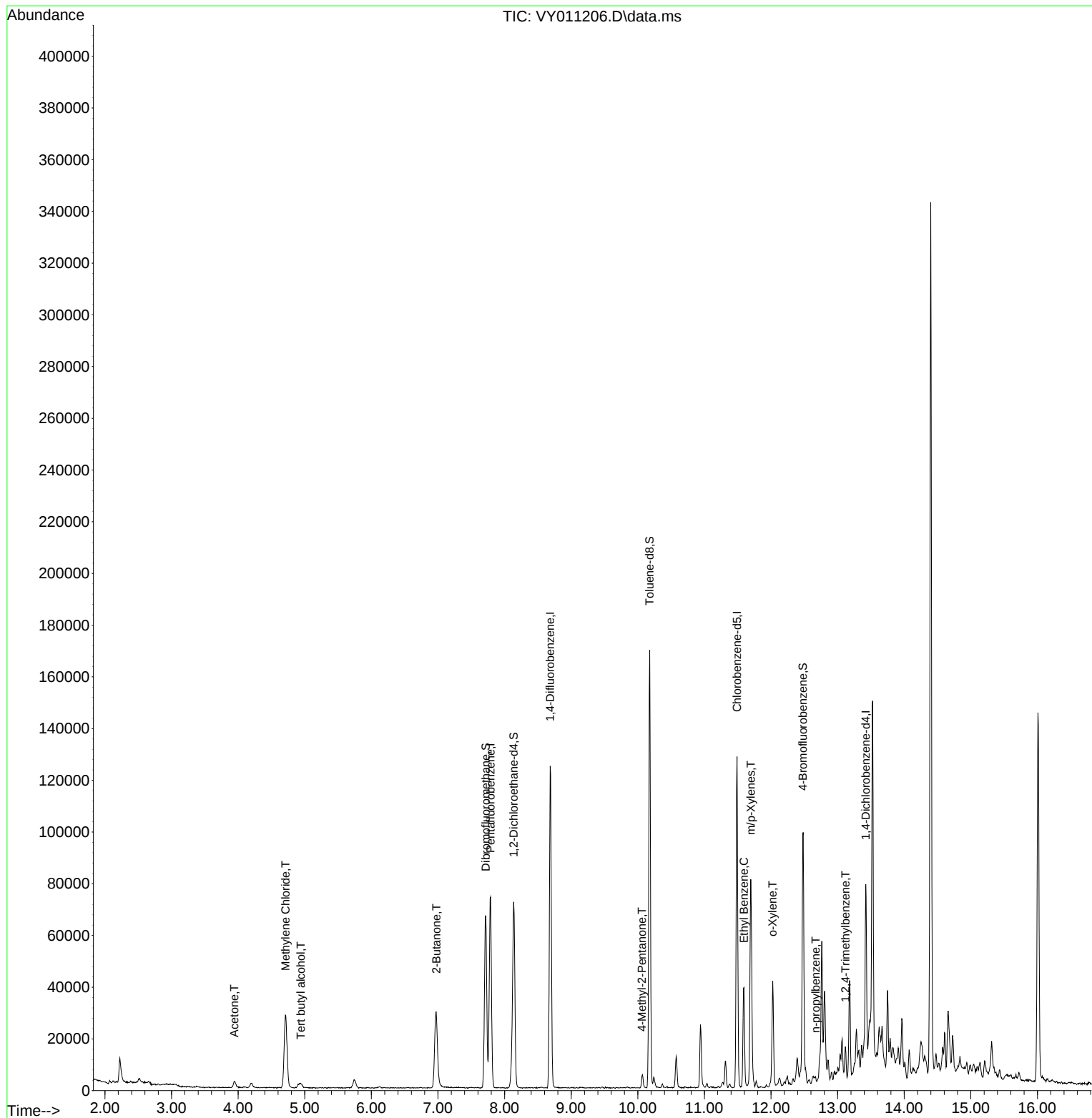
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103122\
Data File : VY011206.D
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Operator : KP/MD
Sample : N5362-01
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

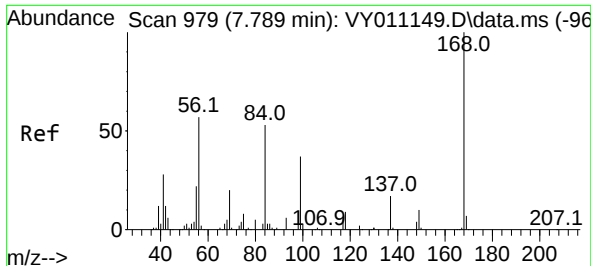
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26516

Quant Time: Nov 01 02:46:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
Quant Title : SW846 8260
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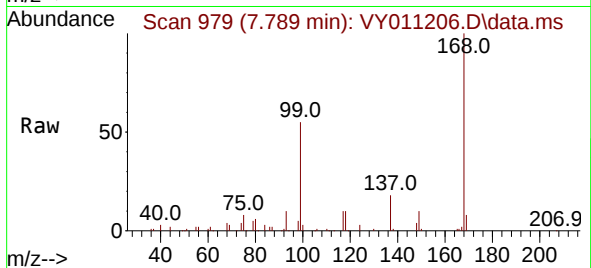
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011206.D
Acq: 31 Oct 2022 18:42

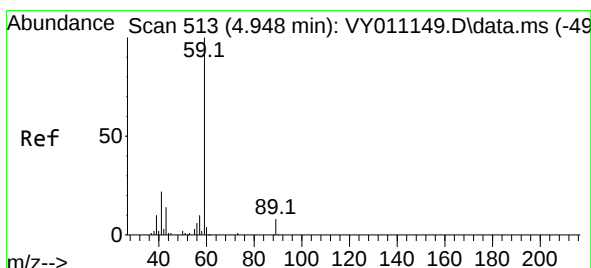
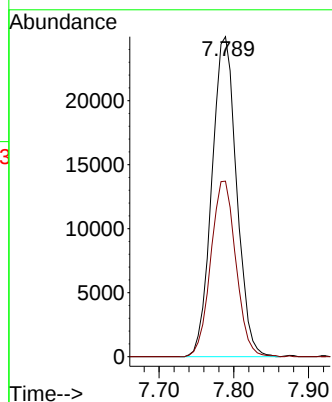
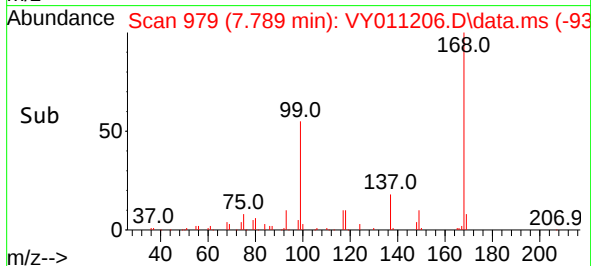
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26516



Tgt Ion:168 Resp: 57290
Ion Ratio Lower Upper
168 100
99 54.9 46.9 70.3

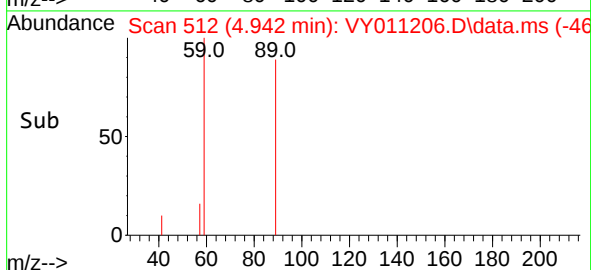
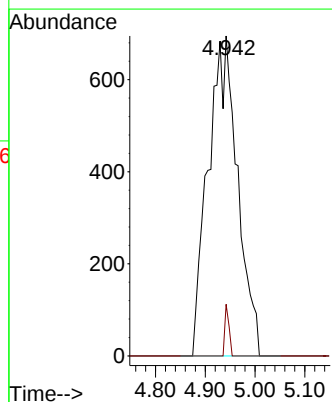
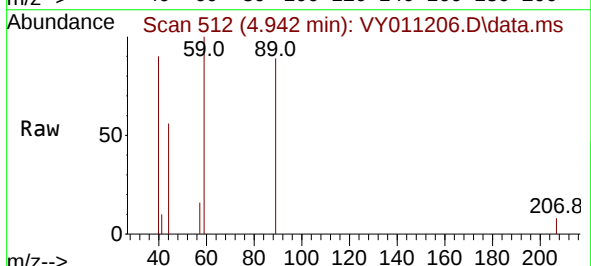
Manual Integrations
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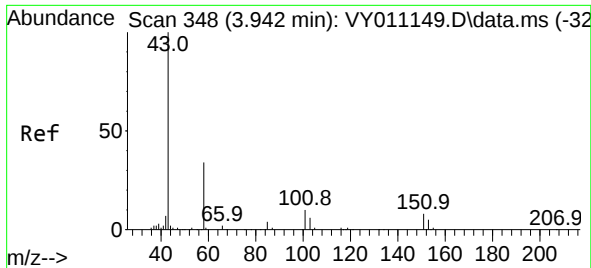
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#11
Tert butyl alcohol
Concen: 46.397 ug/l m
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY011206.D
Acq: 31 Oct 2022 18:42

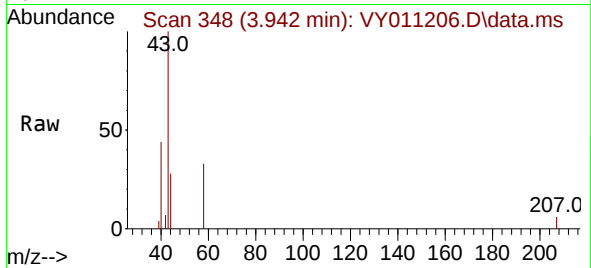
Tgt Ion: 59 Resp: 2859
Ion Ratio Lower Upper
59 100
57 2.2 6.4 9.6#





#16
Acetone
Concen: 30.171 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY011206.D
Acq: 31 Oct 2022 18:42

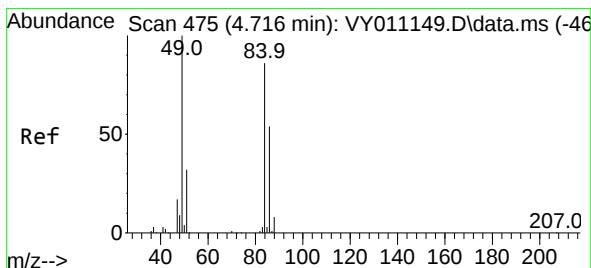
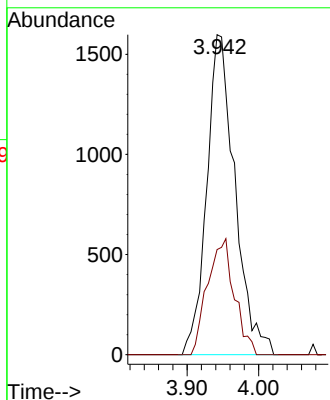
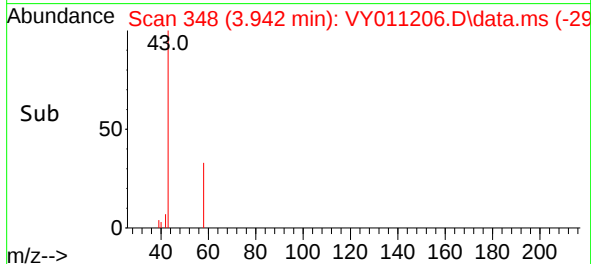
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26516



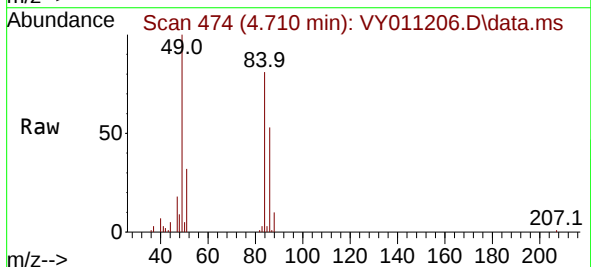
Tgt Ion: 43 Resp: 437
Ion Ratio Lower Upper
43 100
58 32.9 22.0 33.0

Manual Integrations
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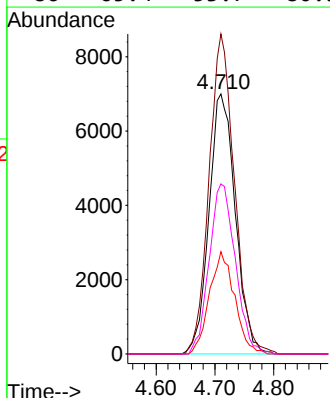
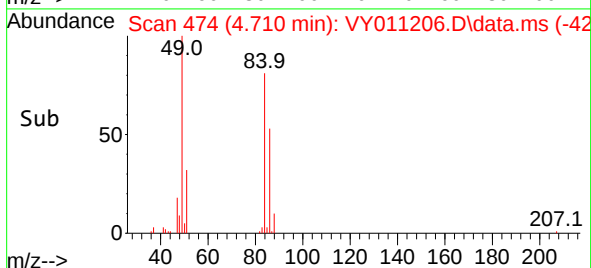
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

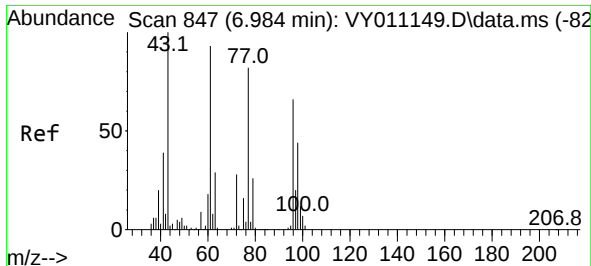


#20
Methylene Chloride
Concen: 34.373 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY011206.D
Acq: 31 Oct 2022 18:42



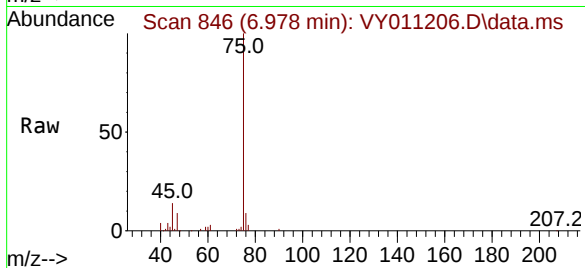
Tgt Ion: 84 Resp: 21826
Ion Ratio Lower Upper
84 100
49 123.1 114.4 171.6
51 39.3 35.3 52.9
86 65.4 53.7 80.5





#25
2-Butanone
Concen: 11.912 ug/l
RT: 6.978 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY011206.D
Acq: 31 Oct 2022 18:42

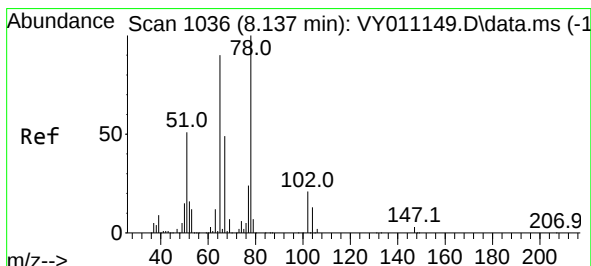
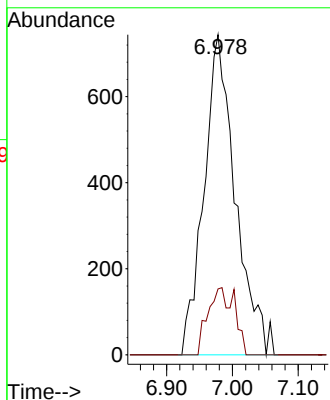
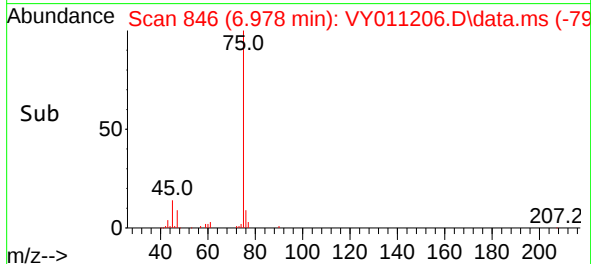
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26516



Tgt Ion: 43 Resp: 2475
Ion Ratio Lower Upper
43 100
72 20.6 17.7 26.5

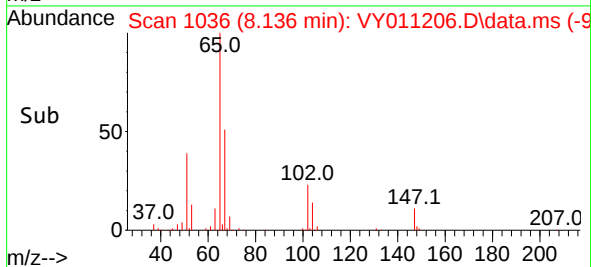
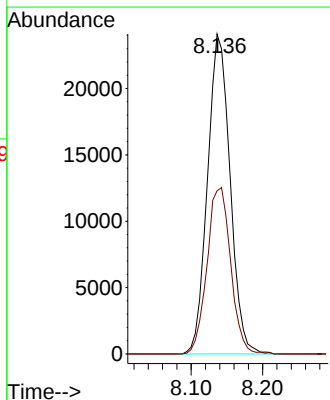
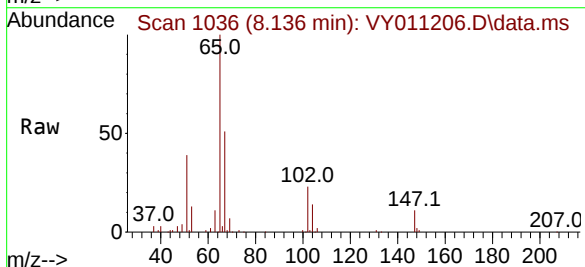
Manual Integrations
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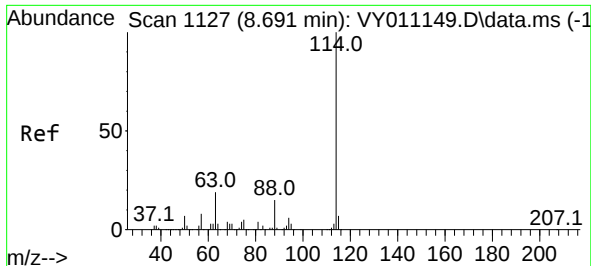
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#33
1,2-Dichloroethane-d4
Concen: 89.213 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY011206.D
Acq: 31 Oct 2022 18:42

Tgt Ion: 65 Resp: 52849
Ion Ratio Lower Upper
65 100
67 54.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY011206.D

Acq: 31 Oct 2022 18:42

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-26516

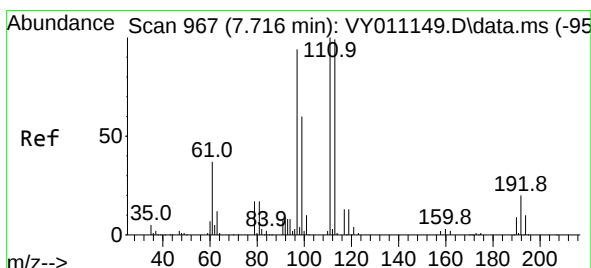
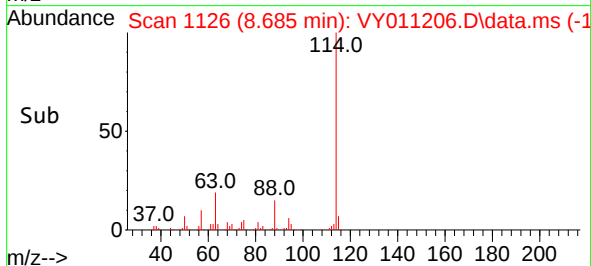
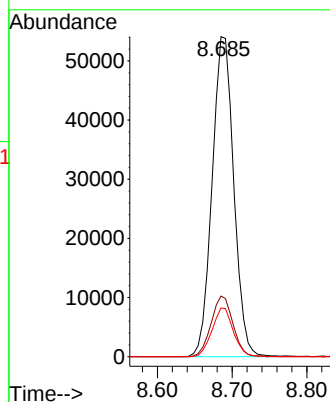
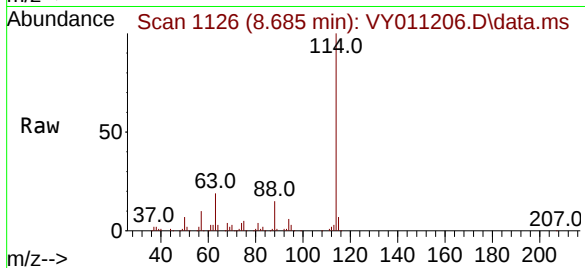
Tgt Ion:	114	Resp:	108820
Ion Ratio	Lower	Upper	
114	100		
63	18.9	0.0	43.2
88	15.3	0.0	31.8

Manual Integrations

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Supervised By :Mahesh Dadoda 11/01/2022



#35

Dibromofluoromethane

Concen: 73.473 ug/l

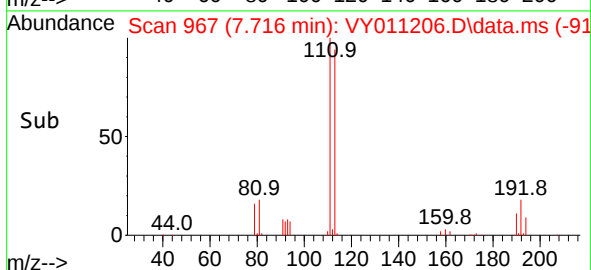
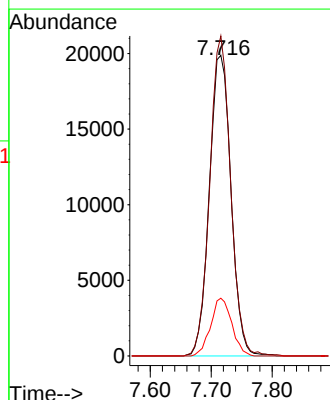
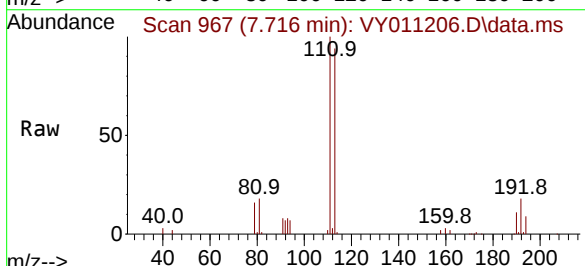
RT: 7.716 min Scan# 967

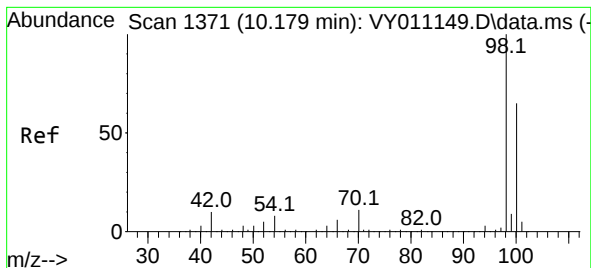
Delta R.T. -0.000 min

Lab File: VY011206.D

Acq: 31 Oct 2022 18:42

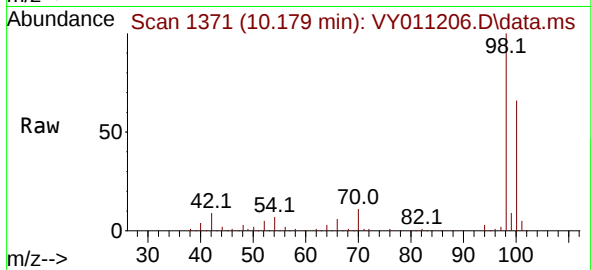
Tgt Ion:	113	Resp:	49168
Ion Ratio	Lower	Upper	
113	100		
111	102.6	82.6	124.0
192	18.7	17.6	26.4





#50
Toluene-d8
Concen: 42.867 ug/l
RT: 10.179 min Scan# 11364
Delta R.T. -0.000 min
Lab File: VY011206.D
Acq: 31 Oct 2022 18:42

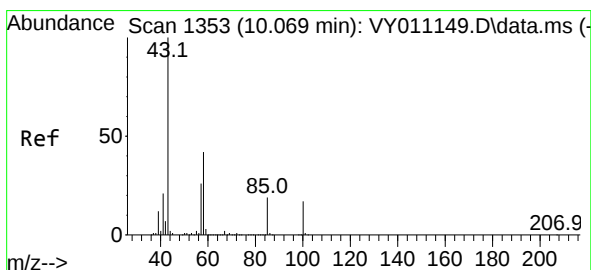
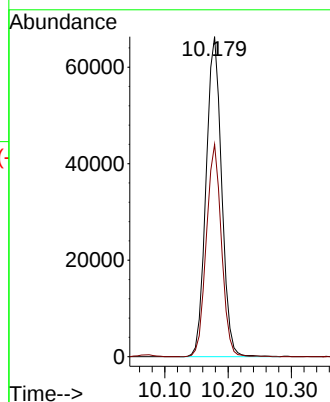
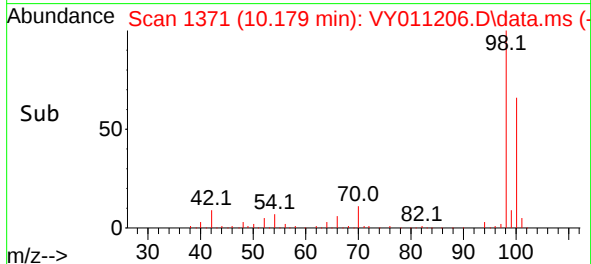
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26516



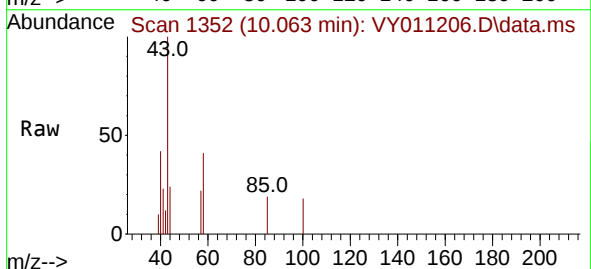
Tgt Ion: 98 Resp: 11364
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2

Manual Integrations
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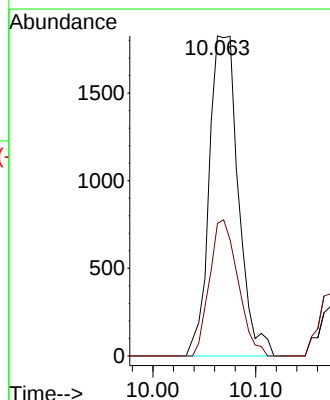
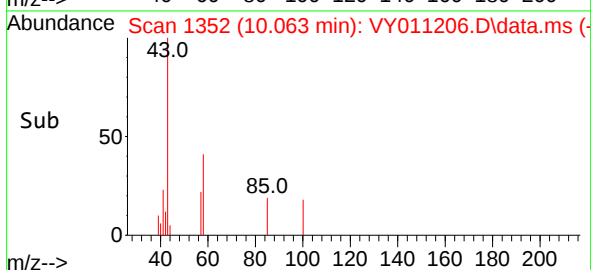
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022

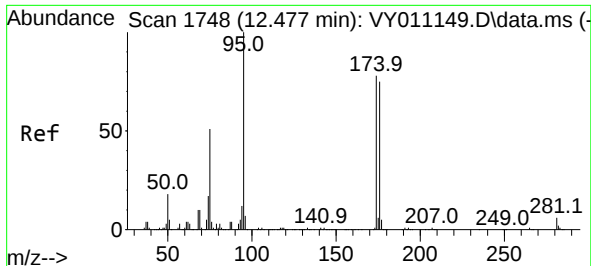


#51
4-Methyl-2-Pentanone
Concen: 7.242 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY011206.D
Acq: 31 Oct 2022 18:42



Tgt Ion: 43 Resp: 3594
Ion Ratio Lower Upper
43 100
58 41.5 28.1 42.1





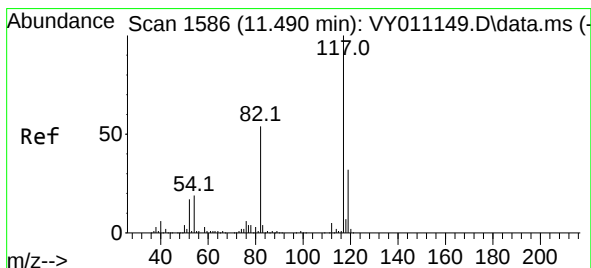
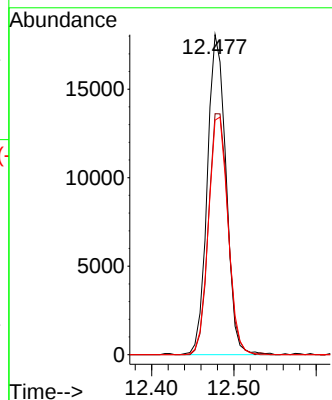
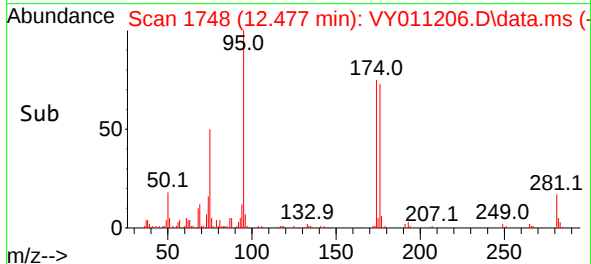
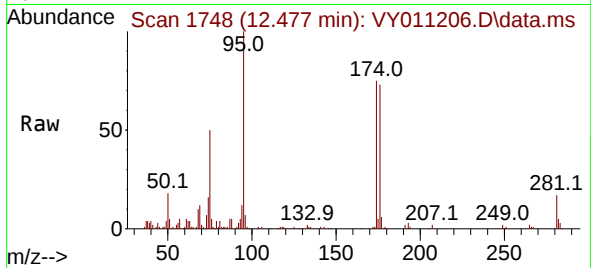
#62
4-Bromofluorobenzene
Concen: 32.968 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY011206.D
Acq: 31 Oct 2022 18:42

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26516

Tgt Ion: 95 Resp: 2859
Ion Ratio Lower Upper
95 100
174 78.0 0.0 177.0
176 77.6 0.0 175.8

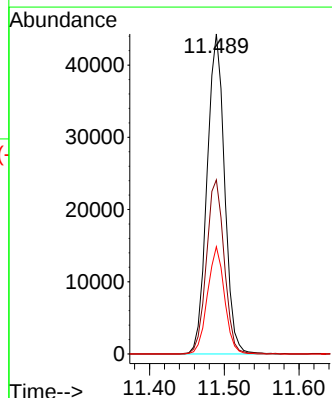
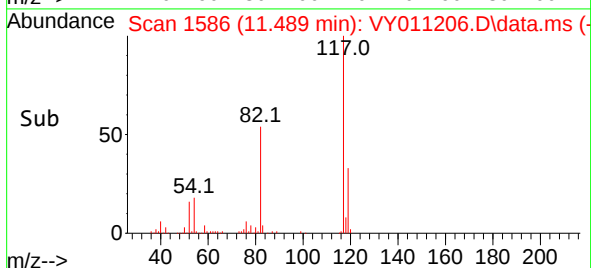
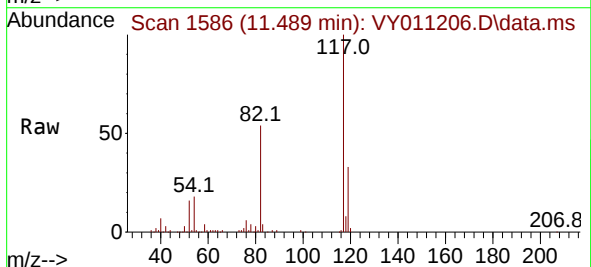
Manual Integrations
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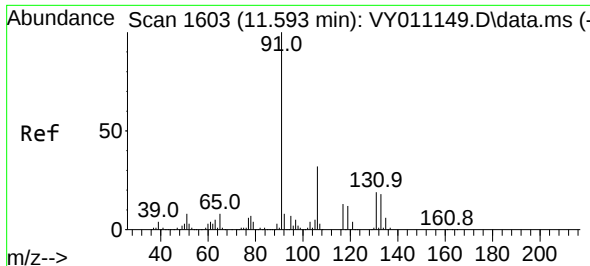
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011206.D
Acq: 31 Oct 2022 18:42

Tgt Ion:117 Resp: 72049
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 33.5 25.4 38.0





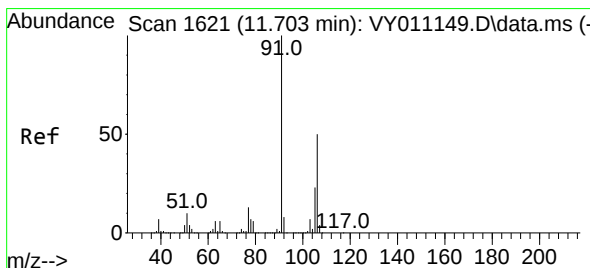
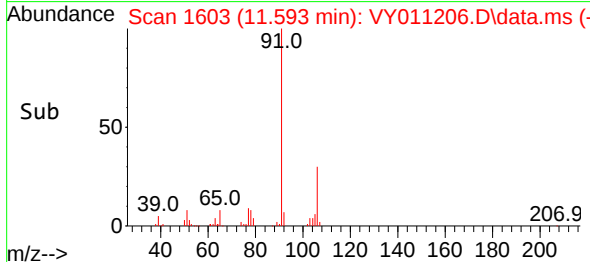
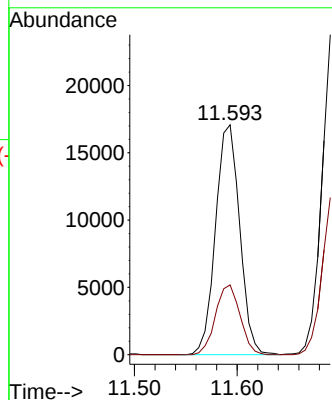
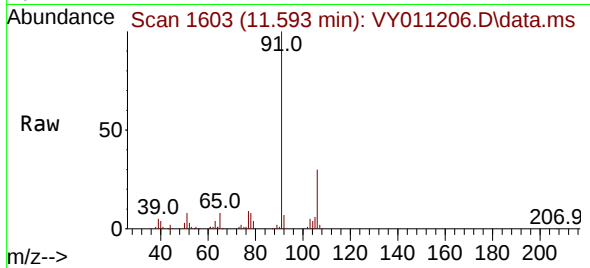
#67
Ethyl Benzene
Concen: 12.000 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY011206.D
Acq: 31 Oct 2022 18:42

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26516

Tgt Ion: 91 Resp: 2781
Ion Ratio Lower Upper
91 100
106 30.4 24.5 36.7

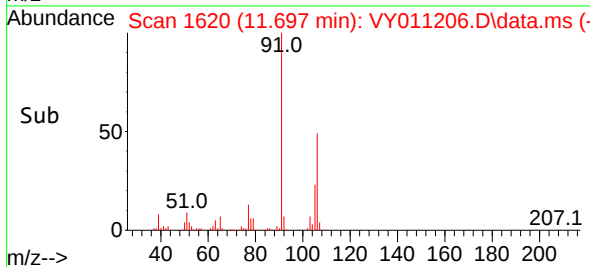
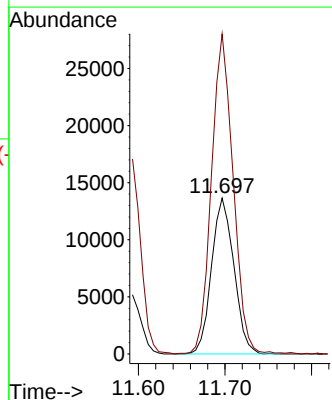
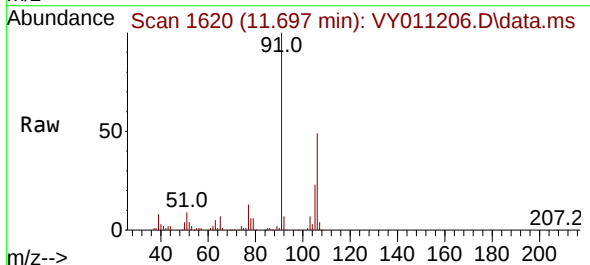
Manual Integrations
APPROVED

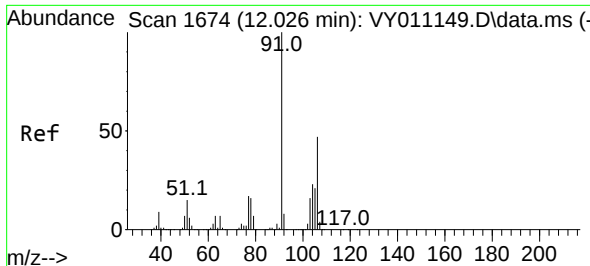
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#68
m/p-Xylenes
Concen: 27.680 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY011206.D
Acq: 31 Oct 2022 18:42

Tgt Ion:106 Resp: 24450
Ion Ratio Lower Upper
106 100
91 199.6 166.6 249.8





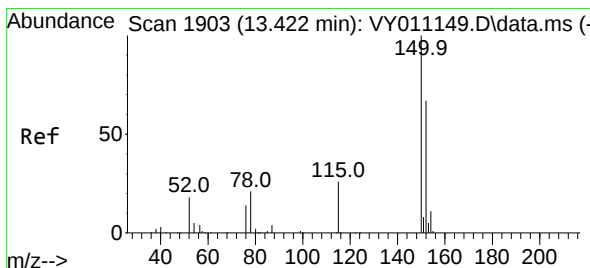
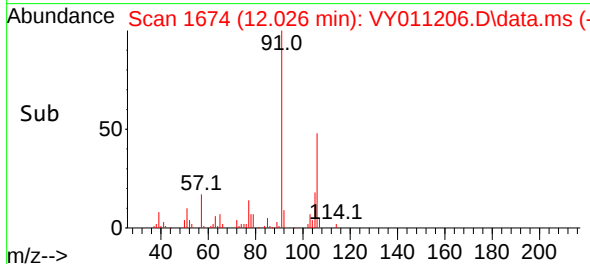
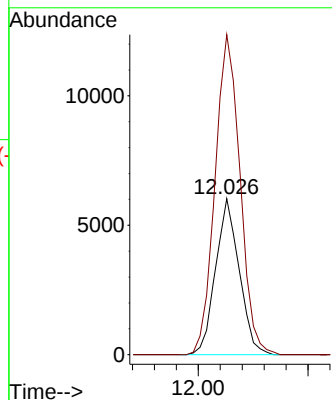
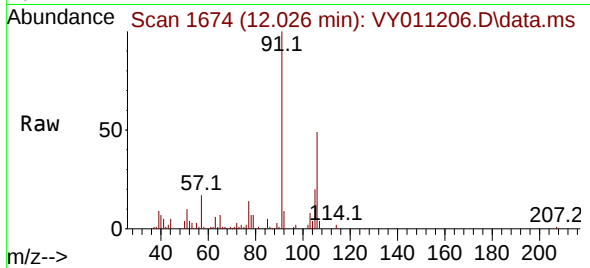
#69
o-Xylene
Concen: 10.719 ug/l
RT: 12.026 min Scan# 106
Delta R.T. -0.000 min
Lab File: VY011206.D
Acq: 31 Oct 2022 18:42

Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26516

Tgt Ion:106 Resp: 9030
Ion Ratio Lower Upper
106 100
91 217.1 110.3 331.0

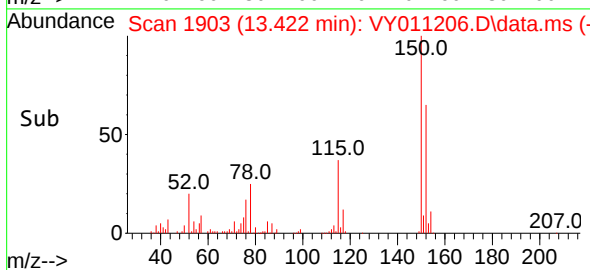
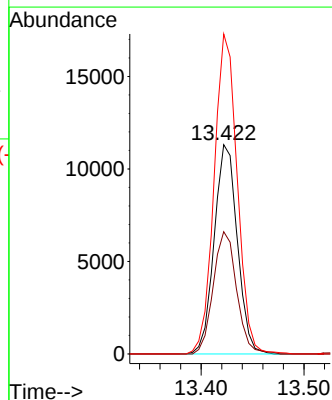
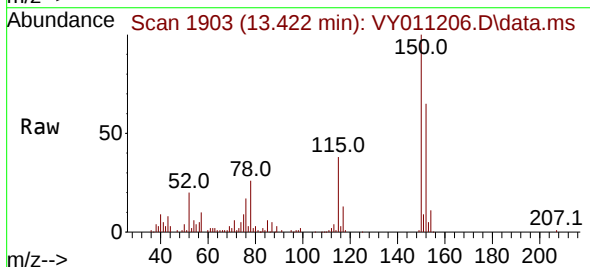
Manual Integrations
APPROVED

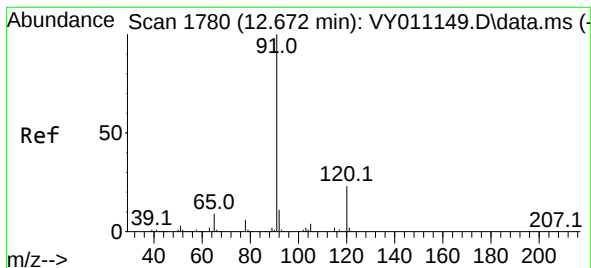
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/01/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY011206.D
Acq: 31 Oct 2022 18:42

Tgt Ion:152 Resp: 17648
Ion Ratio Lower Upper
152 100
115 59.1 28.2 84.7
150 153.1 0.0 347.6





#78

n-propylbenzene

Concen: 1.589 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY011206.D

Acq: 31 Oct 2022 18:42

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-26516

Tgt Ion: 91 Resp: 222

Ion Ratio Lower Upper

91 100

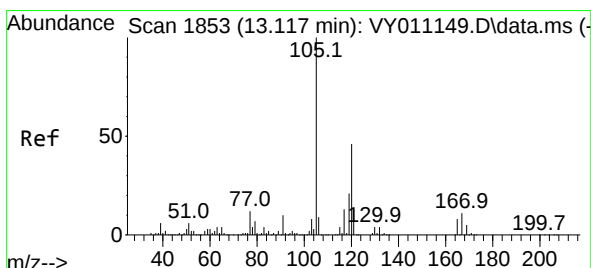
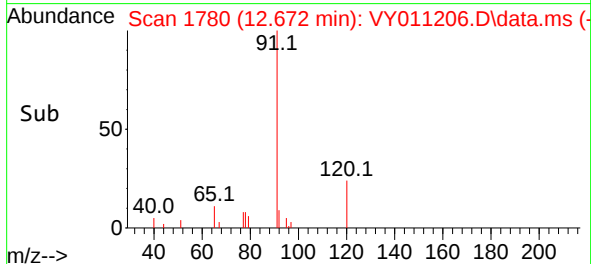
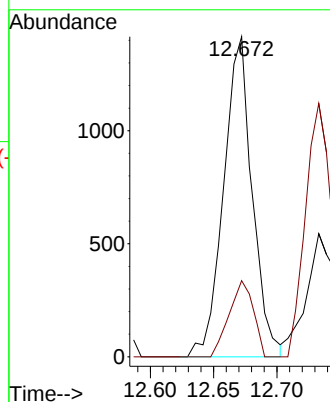
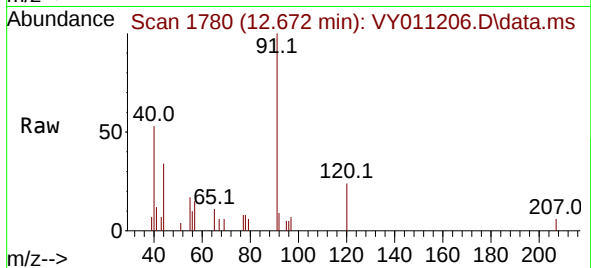
120 20.1 11.3 33.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 11/01/2022

Supervised By :Mahesh Dadoda 11/01/2022



#84

1,2,4-Trimethylbenzene

Concen: 7.074 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY011206.D

Acq: 31 Oct 2022 18:42

Tgt Ion:105 Resp: 6760

Ion Ratio Lower Upper

105 100

120 45.8 22.3 66.9

