

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110124\
 Data File : VY020122.D
 Acq On : 01 Nov 2024 16:20
 Operator : SY/MD
 Sample : P4612-03RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MOO-24-00335RE

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 11/04/2024
 Supervised By :Mahesh Dadoda 11/04/2024

Quant Time: Nov 01 16:40:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	92613	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	189398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	168240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	51624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	75511	65.328	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	130.660%		
35) Dibromofluoromethane	7.634	113	66592	55.301	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	110.600%		
50) Toluene-d8	10.103	98	229720	47.926	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.860%		
62) 4-Bromofluorobenzene	12.401	95	64056	41.143	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	82.280%		
Target Compounds						
11) Tert butyl alcohol	4.854	59	3748	45.079	ug/l #	94
16) Acetone	3.866	43	43346	161.255	ug/l #	86
20) Methylene Chloride	4.610	84	2023m	1.675	ug/l	
25) 2-Butanone	6.896	43	14479	39.737	ug/l #	79
51) 4-Methyl-2-Pentanone	9.999	43	4058	4.618	ug/l	90
52) Toluene	10.170	92	6900	2.062	ug/l	92
59) 2-Hexanone	10.761	43	2614	4.149	ug/l	82

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

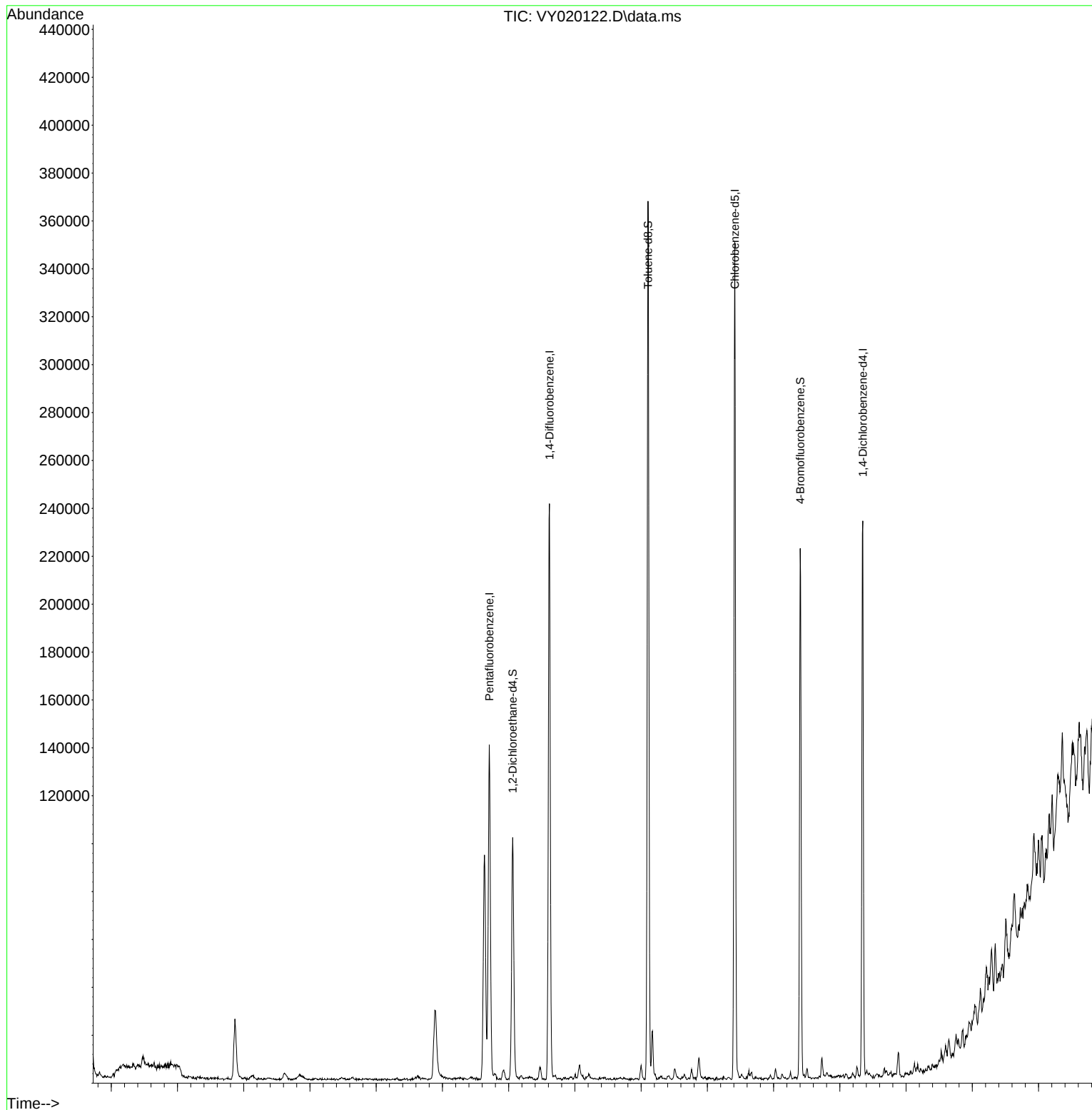
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110124\
Data File : VY020122.D
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MSVOA_Y
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MOO-24-00335RE

Quant Time: Nov 01 16:40:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration

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APPROVED

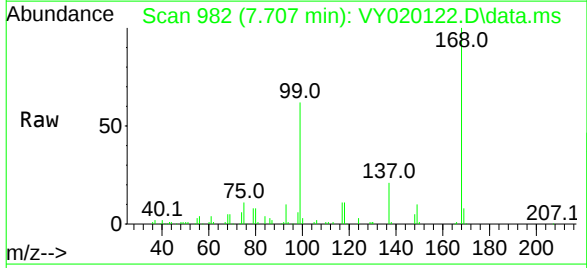
Reviewed By :Romaben Patel 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020122.D
Acq: 01 Nov 2024 16:20

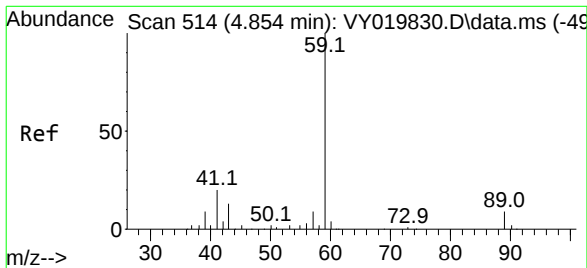
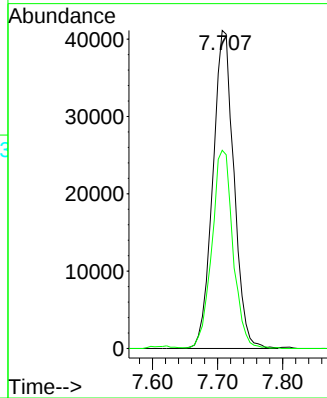
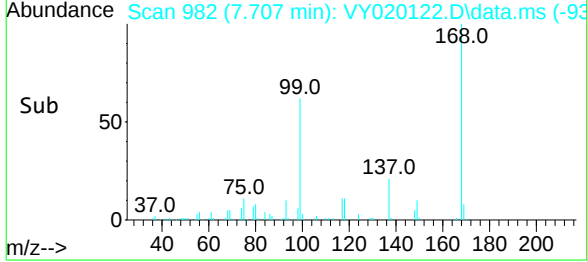
Instrument :
MSVOA_Y
ClientSampleId :
MOO-24-00335RE



Tgt Ion:168 Resp: 92613
Ion Ratio Lower Upper
168 100
99 62.1 39.1 58.7#

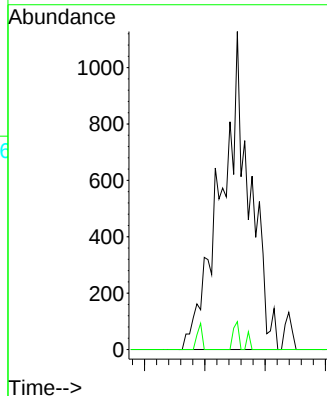
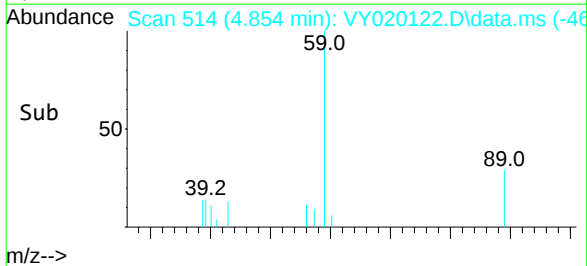
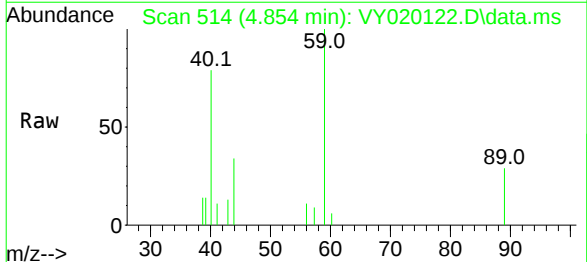
Manual Integrations
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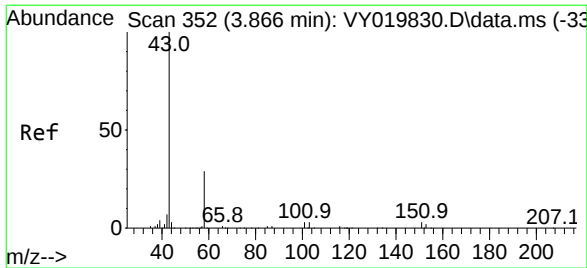
Reviewed By :Romaben Patel 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#11
Tert butyl alcohol
Concen: 45.079 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY020122.D
Acq: 01 Nov 2024 16:20

Tgt Ion: 59 Resp: 3748
Ion Ratio Lower Upper
59 100
57 1.7 3.0 4.6#





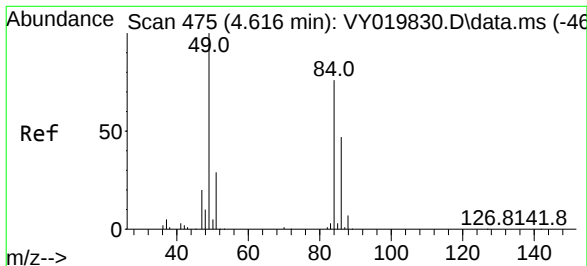
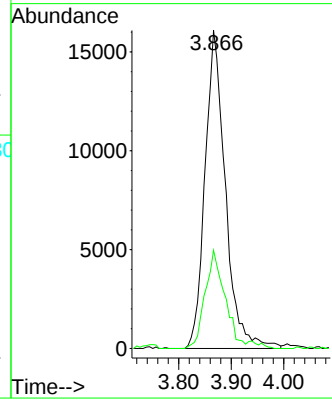
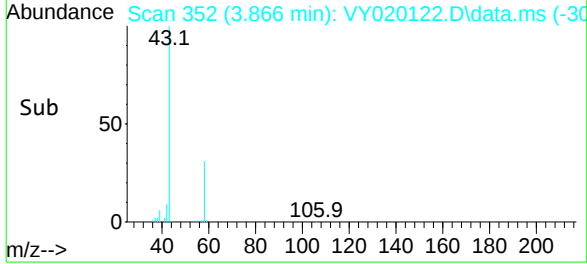
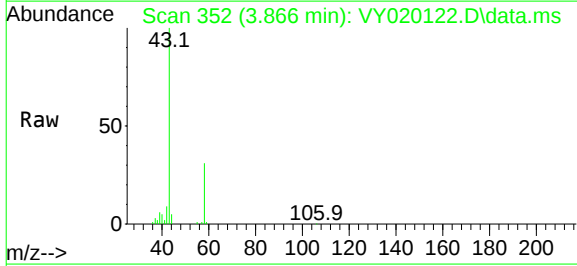
#16
Acetone
Concen: 161.255 ug/l
RT: 3.866 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY020122.D
Acq: 01 Nov 2024 16:20

Instrument : MSVOA_Y
ClientSampleId : MOO-24-00335RE

Tgt Ion: 43 Resp: 43346
Ion Ratio Lower Upper
43 100
58 30.9 31.7 47.5#

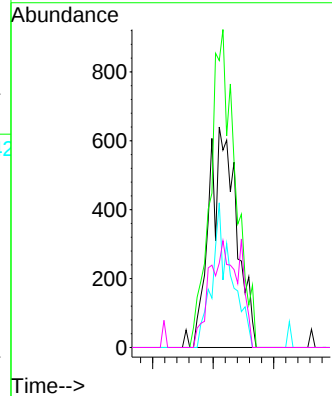
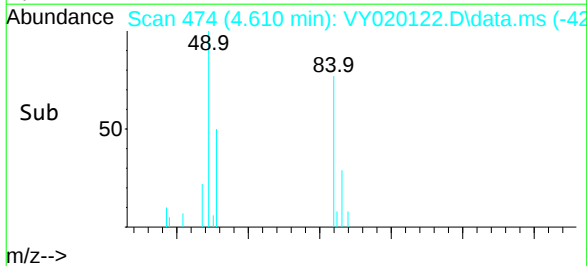
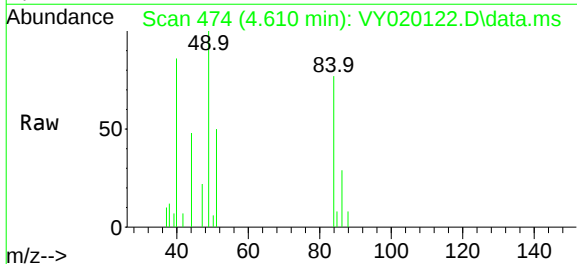
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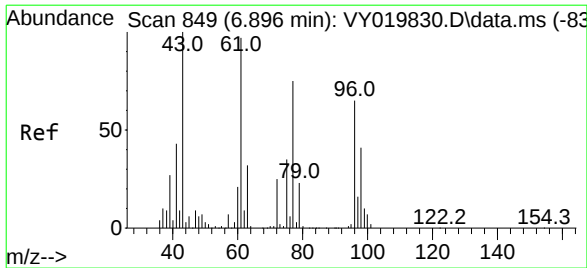
Reviewed By :Romaben Patel 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#20
Methylene Chloride
Concen: 1.675 ug/l m
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY020122.D
Acq: 01 Nov 2024 16:20

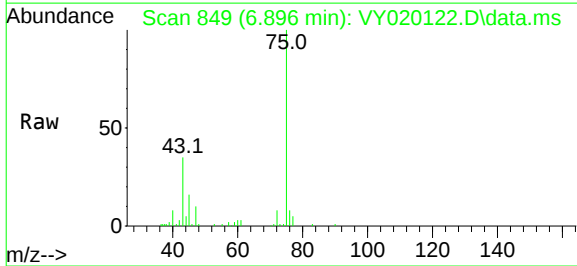
Tgt Ion: 84 Resp: 2023
Ion Ratio Lower Upper
84 100
49 130.2 84.4 126.6#
51 65.6 26.0 39.0#
86 38.3 49.5 74.3#





#25
2-Butanone
Concen: 39.737 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY020122.D
Acq: 01 Nov 2024 16:20

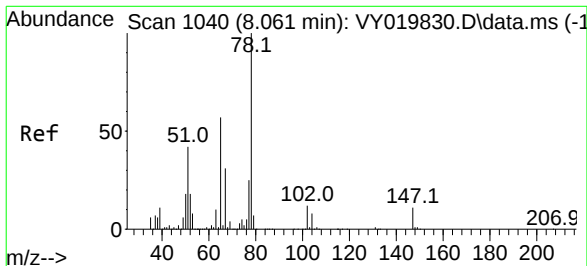
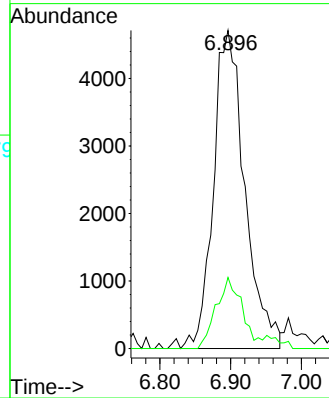
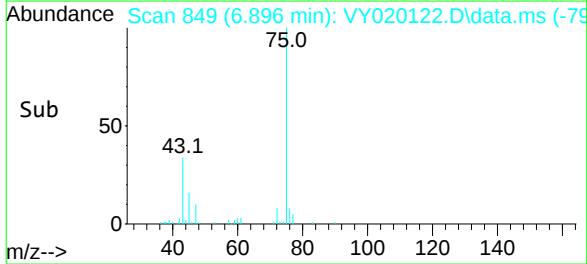
Instrument : MSVOA_Y
ClientSampleId : MOO-24-00335RE



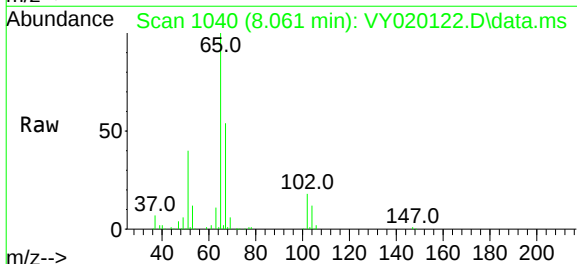
Tgt Ion: 43 Resp: 14479
Ion Ratio Lower Upper
43 100
72 22.3 27.3 40.9#

Manual Integrations
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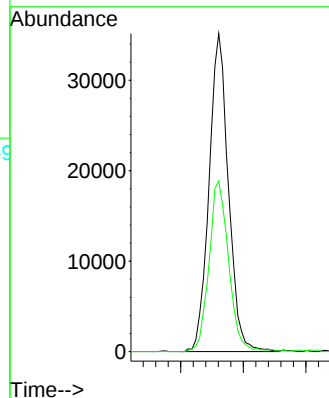
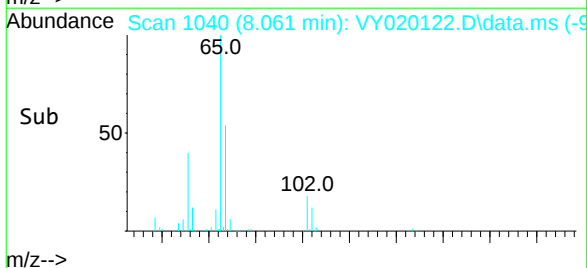
Reviewed By :Romaben Patel 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024

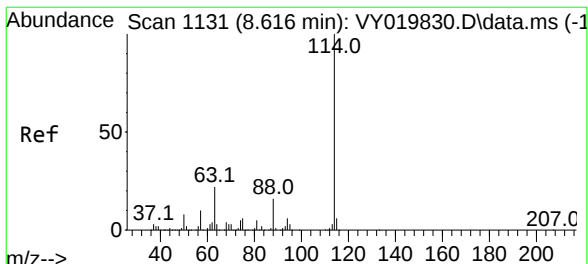


#33
1,2-Dichloroethane-d4
Concen: 65.328 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020122.D
Acq: 01 Nov 2024 16:20



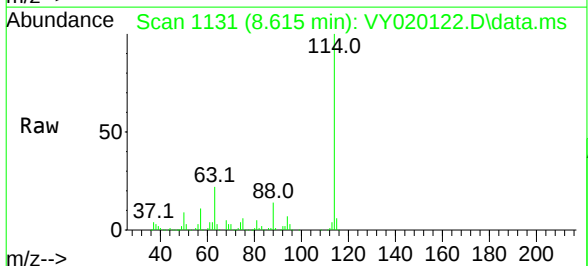
Tgt Ion: 65 Resp: 75511
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.6





#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.615 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020122.D
 Acq: 01 Nov 2024 16:20

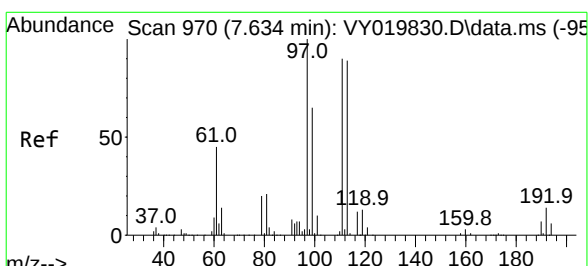
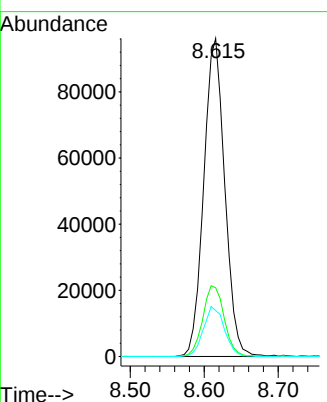
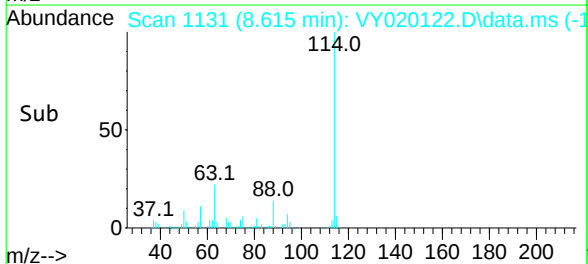
Instrument : MSVOA_Y
 ClientSampleId : MOO-24-00335RE



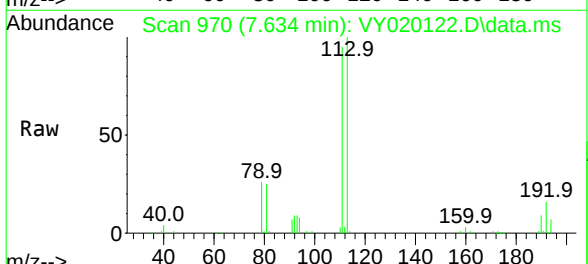
Tgt Ion: 114 Resp: 189398

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	35.0
88	14.4	0.0	27.2

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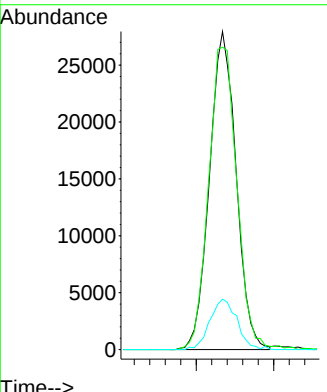
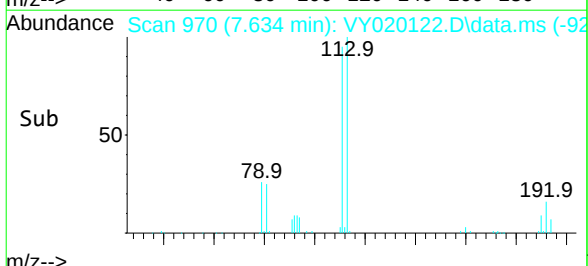


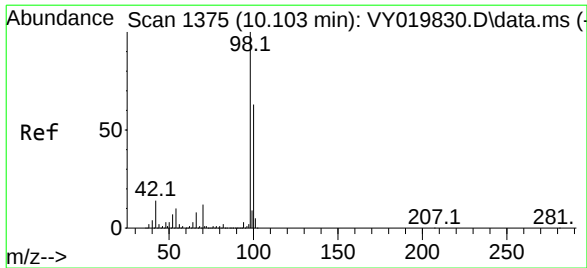
#35
 Dibromofluoromethane
 Concen: 55.301 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY020122.D
 Acq: 01 Nov 2024 16:20



Tgt Ion: 113 Resp: 66592

Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.2	123.4
192	16.2	15.9	23.9





#50

Toluene-d8

Concen: 47.926 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020122.D

Acq: 01 Nov 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

MOO-24-00335RE

Tgt Ion: 98 Resp: 229720

Ion Ratio Lower Upper

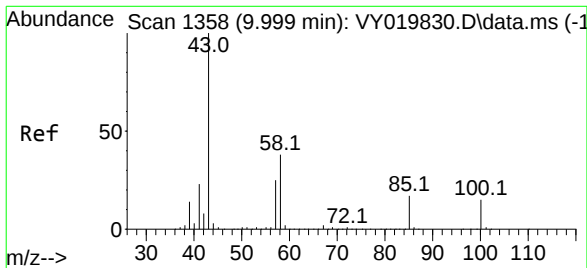
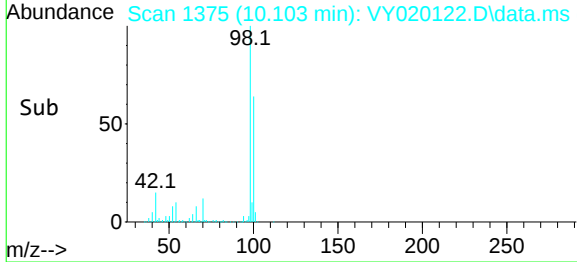
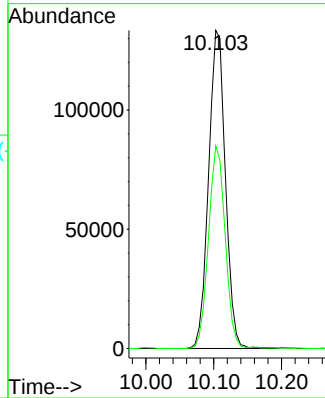
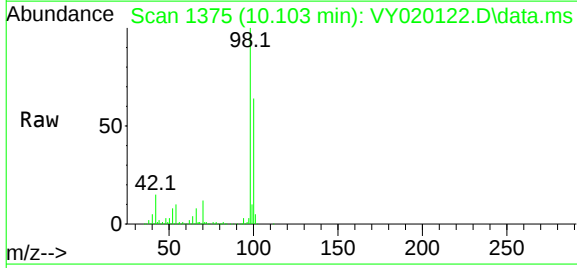
98 100

100 63.1 52.0 78.0

Manual Integrations

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Reviewed By :Romaben Patel 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#51

4-Methyl-2-Pentanone

Concen: 4.618 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY020122.D

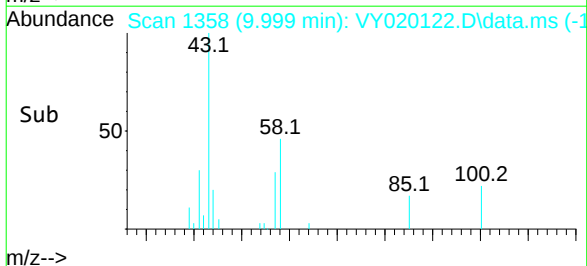
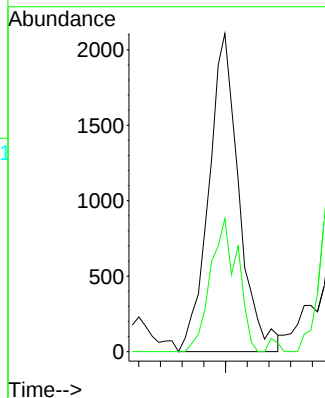
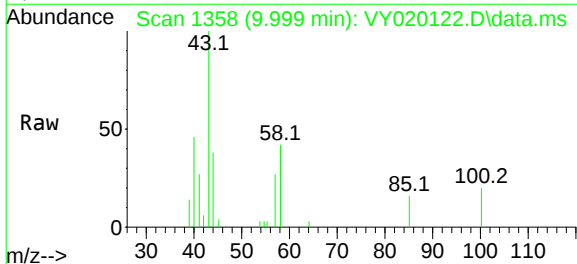
Acq: 01 Nov 2024 16:20

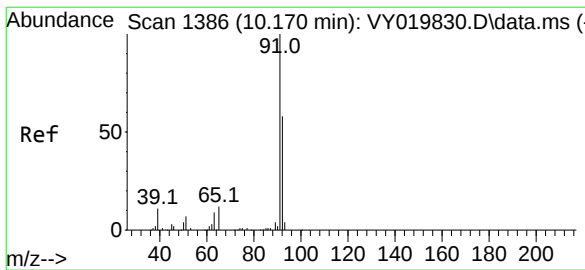
Tgt Ion: 43 Resp: 4058

Ion Ratio Lower Upper

43 100

58 38.0 35.7 53.5





#52

Toluene

Concen: 2.062 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY020122.D

Acq: 01 Nov 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

MOO-24-00335RE

Tgt Ion: 92 Resp: 6900

Ion Ratio Lower Upper

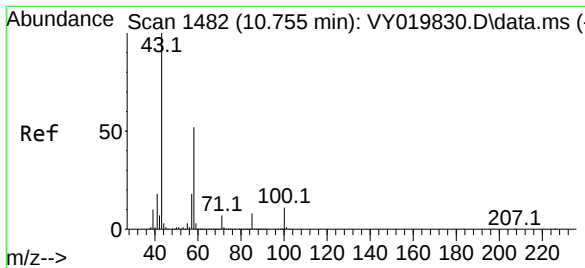
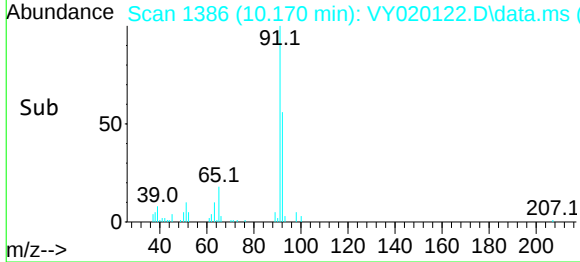
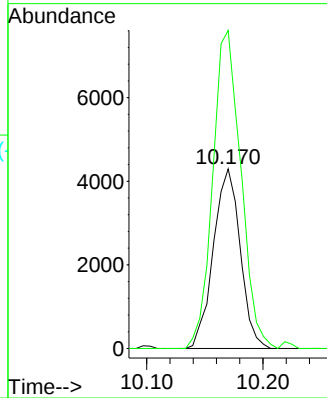
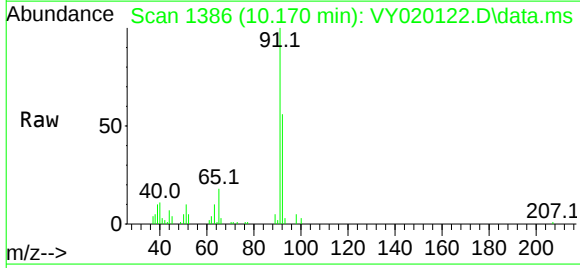
92 100

91 185.1 139.0 208.6

Manual Integrations

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Reviewed By :Romaben Patel 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#59

2-Hexanone

Concen: 4.149 ug/l

RT: 10.761 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY020122.D

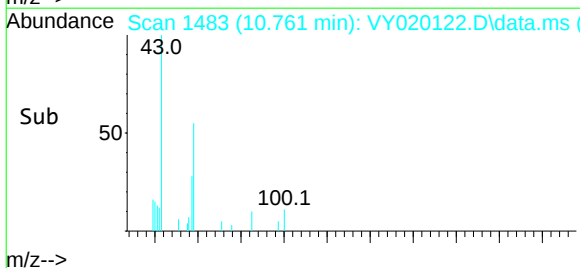
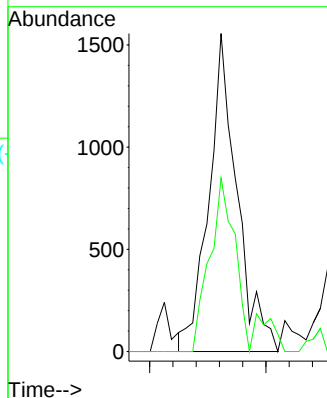
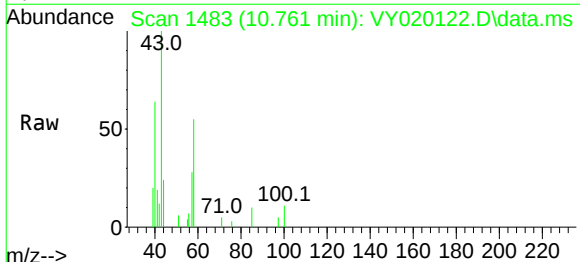
Acq: 01 Nov 2024 16:20

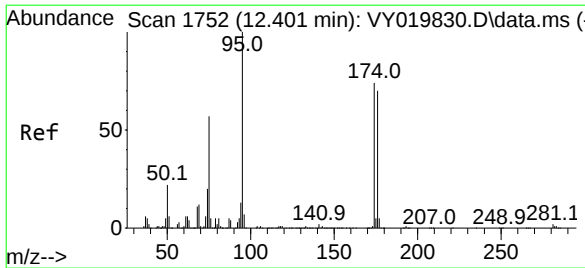
Tgt Ion: 43 Resp: 2614

Ion Ratio Lower Upper

43 100

58 48.7 31.4 94.0





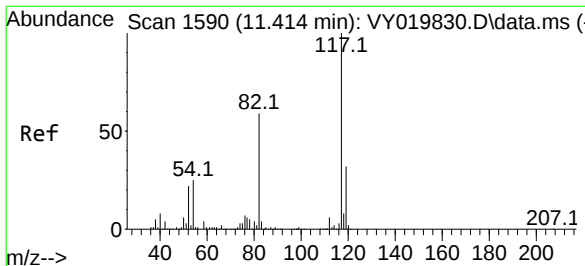
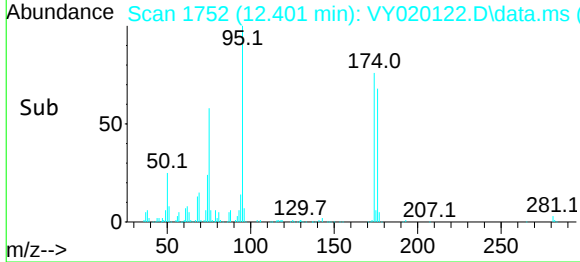
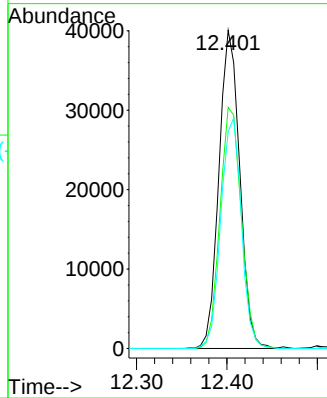
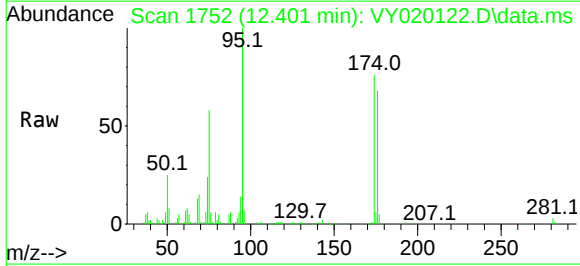
#62
4-Bromofluorobenzene
Concen: 41.143 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020122.D
Acq: 01 Nov 2024 16:20

Instrument :
MSVOA_Y
ClientSampleId :
MOO-24-00335RE

Tgt Ion: 95 Resp: 64056
Ion Ratio Lower Upper
95 100
174 77.8 0.0 175.6
176 71.9 0.0 171.4

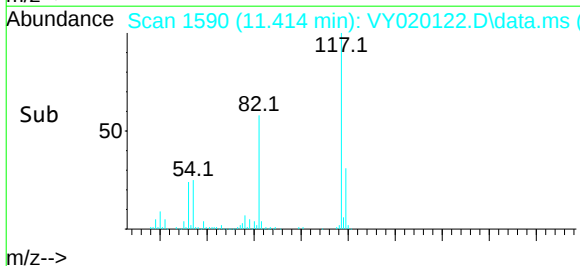
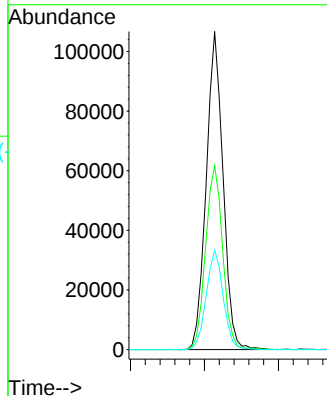
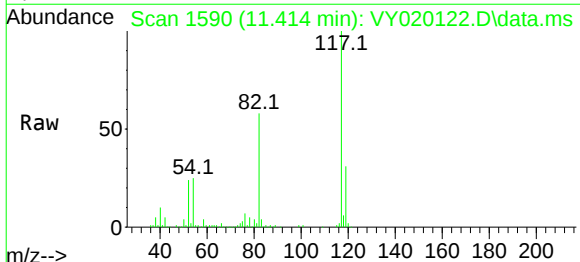
Manual Integrations
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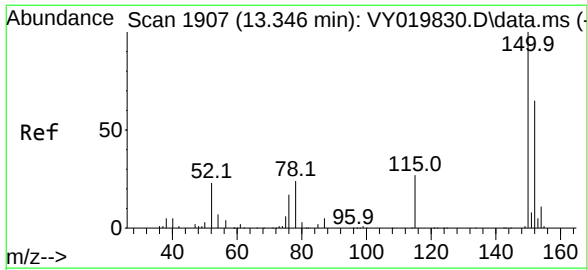
Reviewed By :Romaben Patel 11/04/2024
Supervised By :Mahesh Dadoda 11/04/2024



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020122.D
Acq: 01 Nov 2024 16:20

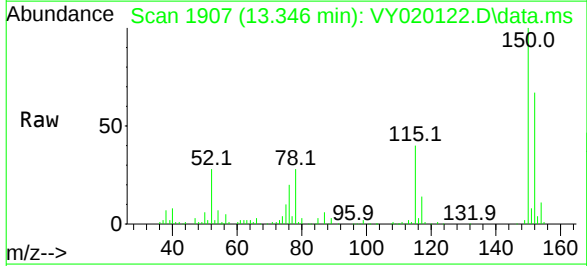
Tgt Ion:117 Resp: 168240
Ion Ratio Lower Upper
117 100
82 57.8 42.4 63.6
119 31.2 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VY020122.D
 Acq: 01 Nov 2024 16:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 MOO-24-00335RE



Tgt	Ion:152	Resp:	51624
Ion	Ratio	Lower	Upper
152	100		
115	62.5	28.2	84.7
150	157.9	0.0	345.6

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 11/04/2024
 Supervised By :Mahesh Dadoda 11/04/2024

