

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051023\
 Data File : VY013685.D
 Acq On : 10 May 2023 14:10
 Operator : KP/MD
 Sample : 02723-05
 Misc : 5.28g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-14-G1-SO-18.5-050923

Quant Time: May 11 03:26:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/11/2023
 Supervised By :Mahesh Dadoda 05/11/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	203313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	326106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	302979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	136325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	135215	60.668	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.340%			
35) Dibromofluoromethane	7.716	113	108950	53.119	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.240%			
50) Toluene-d8	10.179	98	394661	54.089	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.180%			
62) 4-Bromofluorobenzene	12.483	95	119977	48.775	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.863	85	2648	1.370	ug/l	99
4) Vinyl Chloride	2.247	62	4978	1.930	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.899	101	65360	29.817	ug/l	98
12) 1,1-Dichloroethene	3.875	96	35134	16.628	ug/l	88
16) Acetone	3.960	43	4133m	4.709	ug/l	
24) 1,1-Dichloroethane	6.015	63	27604	6.463	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	271287	106.279	ug/l	92
30) Chloroform	7.508	83	9095	2.142	ug/l	86
38) Carbon Tetrachloride	7.898	117	3950	1.107	ug/l	87
42) 1,2-Dichloroethane	8.234	62	6089	1.942	ug/l	98
44) Trichloroethene	8.941	130	3587158	1406.401	ug/l	94
64) Tetrachloroethene	10.721	164	3650	1.584	ug/l	92

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

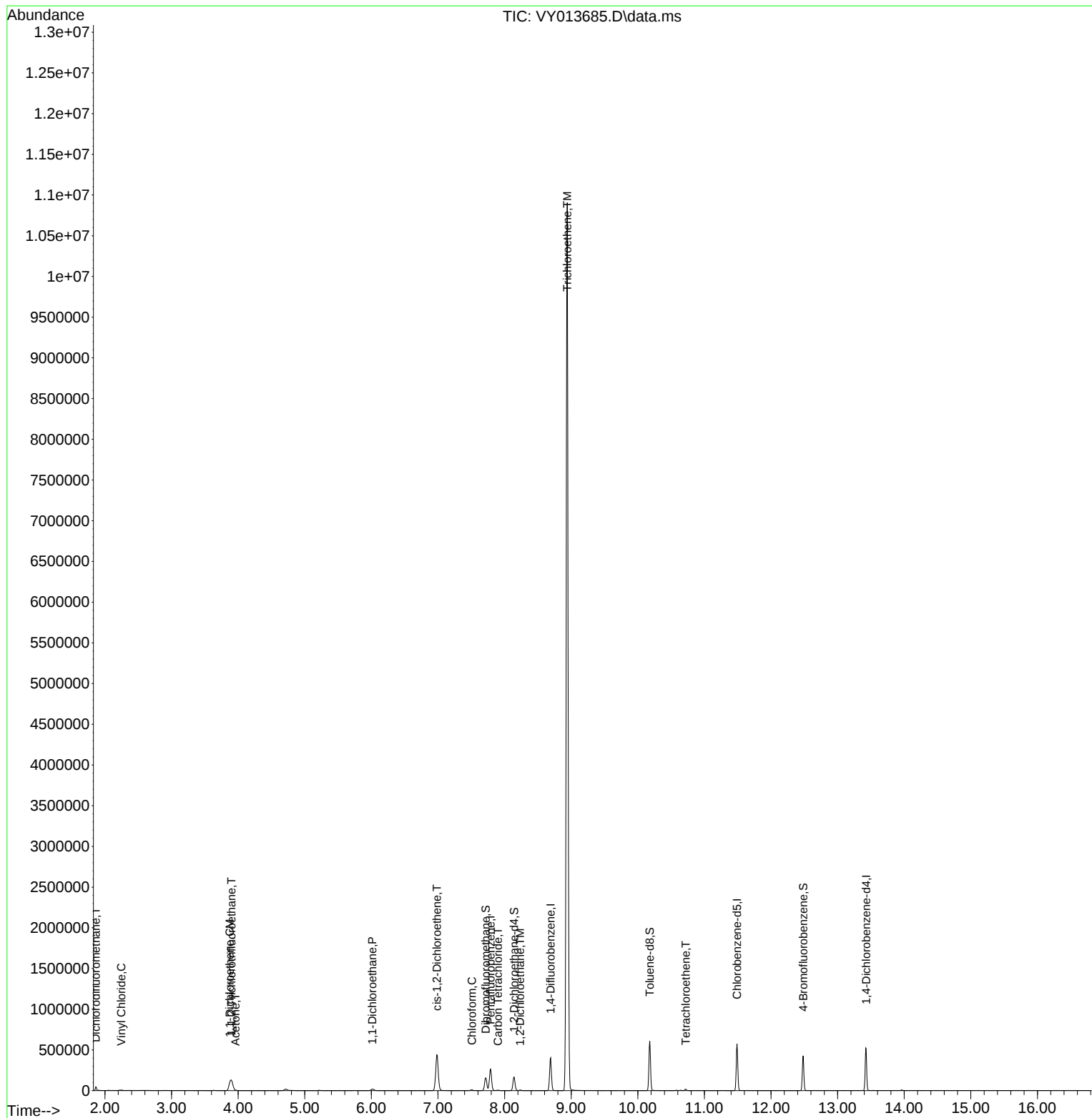
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051023\
Data File : VY013685.D
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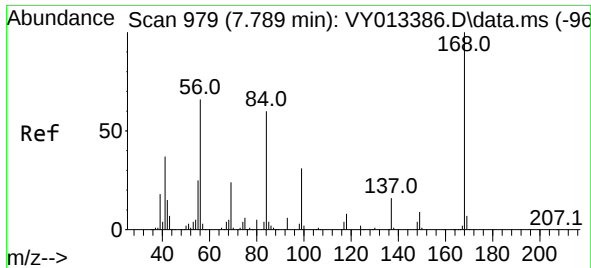
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-18.5-050923

Quant Time: May 11 03:26:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
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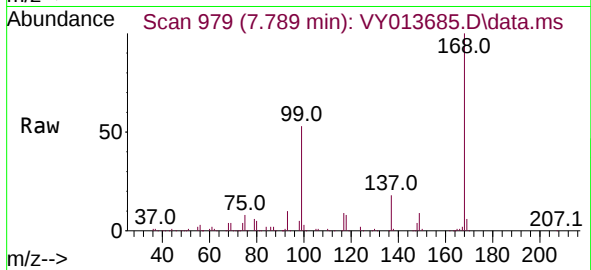
Reviewed By :Krupa Patel 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013685.D
Acq: 10 May 2023 14:10

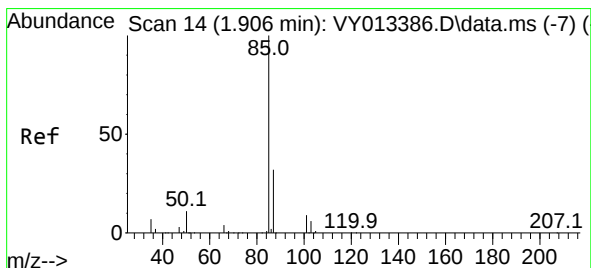
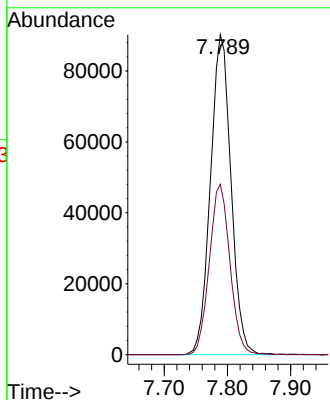
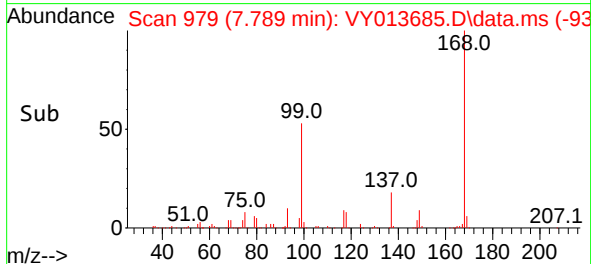
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-18.5-050923



Tgt Ion:168 Resp: 20331
Ion Ratio Lower Upper
168 100
99 53.3 41.8 62.6

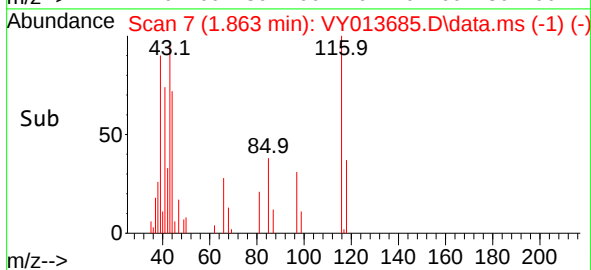
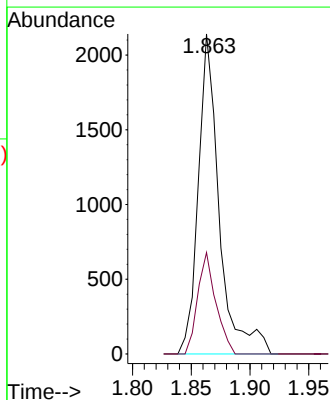
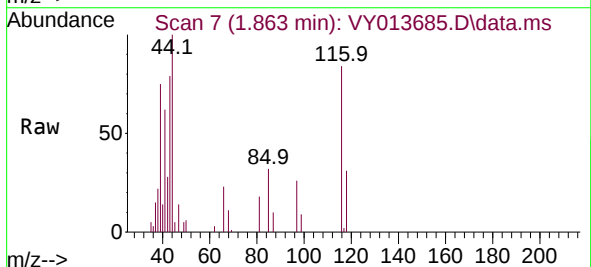
Manual Integrations
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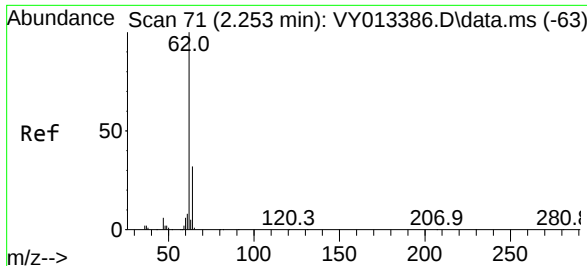
Reviewed By :Krupa Patel 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#2
Dichlorodifluoromethane
Concen: 1.370 ug/l
RT: 1.863 min Scan# 7
Delta R.T. -0.043 min
Lab File: VY013685.D
Acq: 10 May 2023 14:10

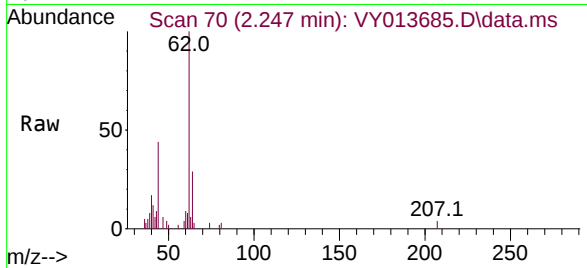
Tgt Ion: 85 Resp: 2648
Ion Ratio Lower Upper
85 100
87 31.7 16.1 48.2





#4
 Vinyl Chloride
 Concen: 1.930 ug/l
 RT: 2.247 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: VY013685.D
 Acq: 10 May 2023 14:10

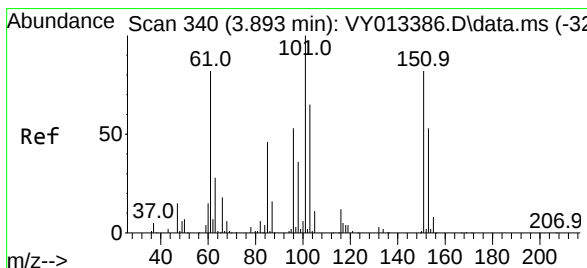
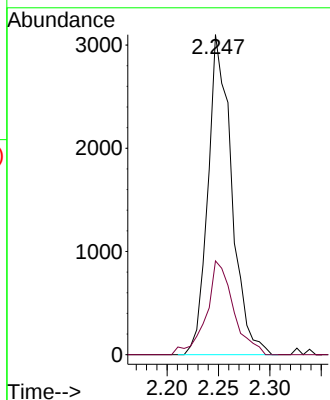
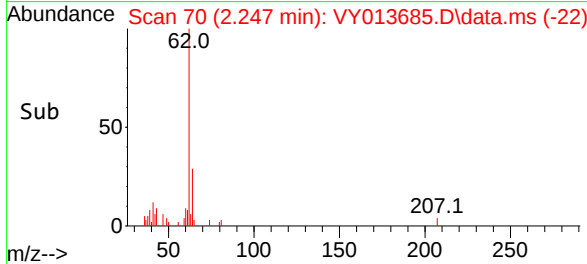
Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-14-G1-SO-18.5-050923



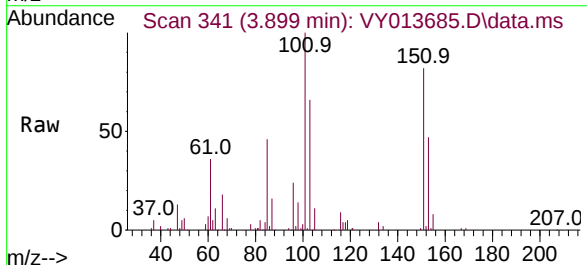
Tgt Ion: 62 Resp: 4978
 Ion Ratio Lower Upper
 62 100
 64 29.3 25.4 38.0

Manual Integrations
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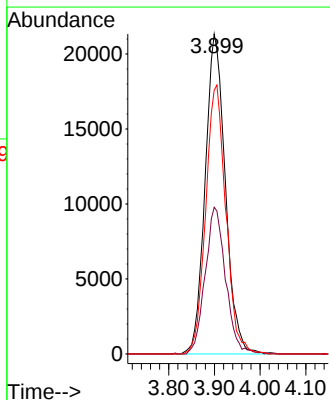
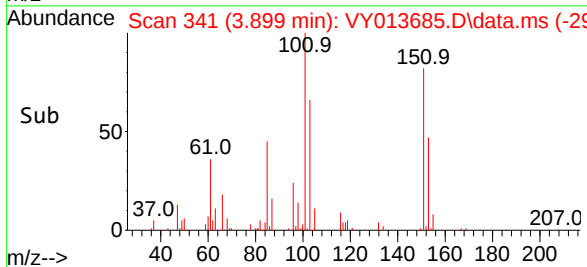
Reviewed By :Krupa Patel 05/11/2023
 Supervised By :Mahesh Dadoda 05/11/2023

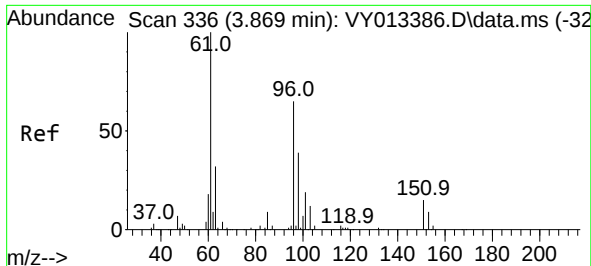


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 29.817 ug/l
 RT: 3.899 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VY013685.D
 Acq: 10 May 2023 14:10



Tgt Ion:101 Resp: 65360
 Ion Ratio Lower Upper
 101 100
 85 46.5 35.6 53.4
 151 84.1 68.0 102.0





#12

1,1-Dichloroethene

Concen: 16.628 ug/l

RT: 3.875 min Scan# 351

Delta R.T. 0.006 min

Lab File: VY013685.D

Acq: 10 May 2023 14:10

Instrument :

MSVOA_Y

ClientSampleId :

CB-14-G1-SO-18.5-050923

Tgt Ion: 96 Resp: 35134

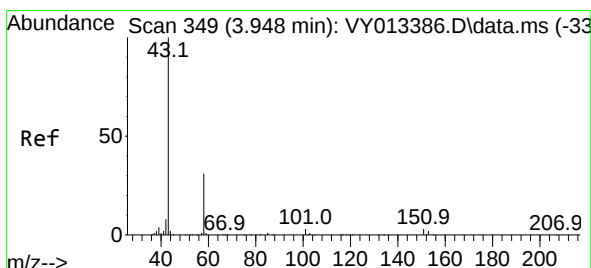
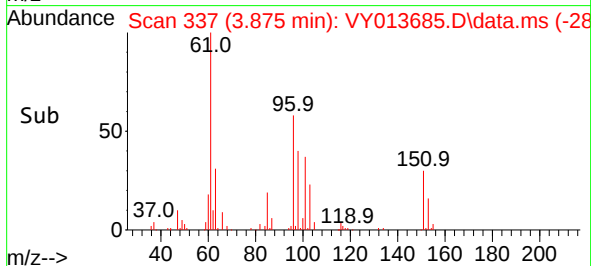
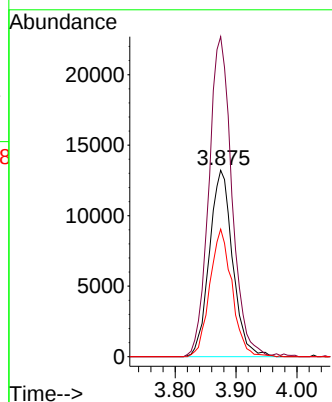
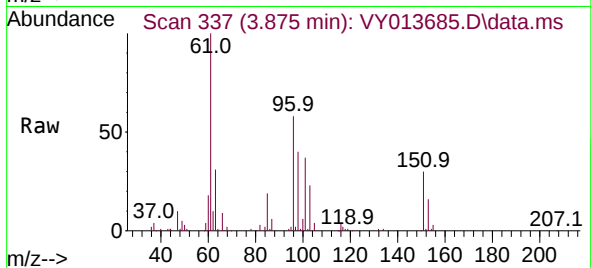
Ion	Ratio	Lower	Upper
96	100		
61	171.6	123.9	185.9
98	68.4	48.9	73.3

Manual Integrations

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Reviewed By :Krupa Patel 05/11/2023

Supervised By :Mahesh Dadoda 05/11/2023



#16

Acetone

Concen: 4.709 ug/l m

RT: 3.960 min Scan# 351

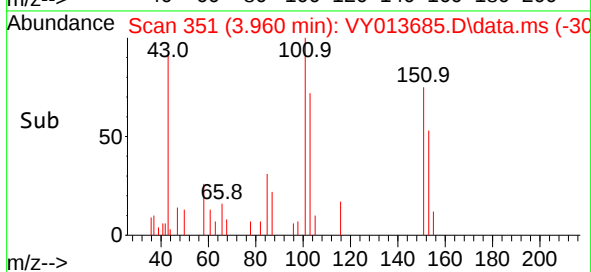
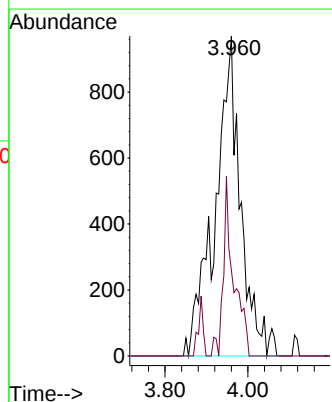
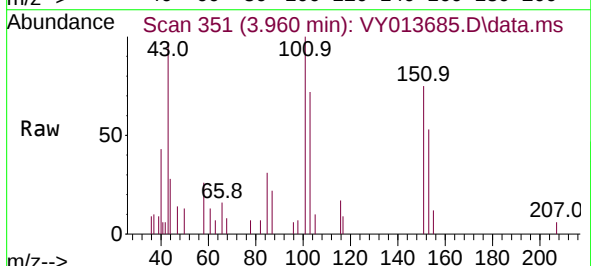
Delta R.T. 0.012 min

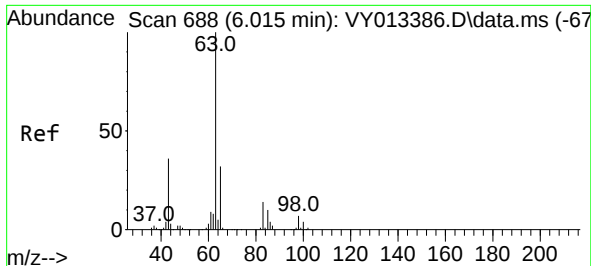
Lab File: VY013685.D

Acq: 10 May 2023 14:10

Tgt Ion: 43 Resp: 4133

Ion	Ratio	Lower	Upper
43	100		
58	26.8	25.4	38.0





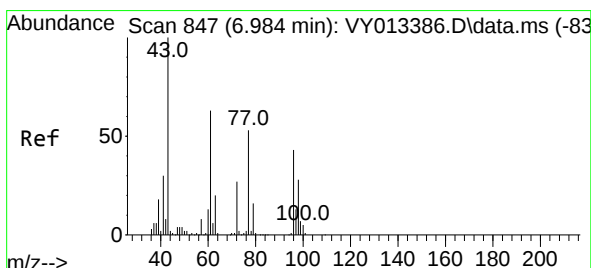
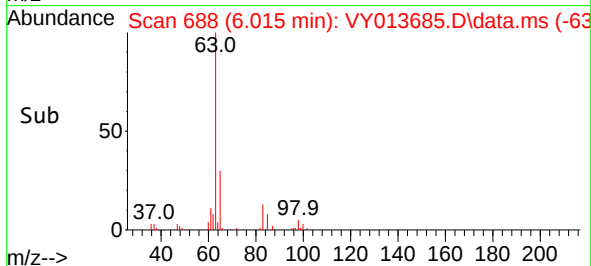
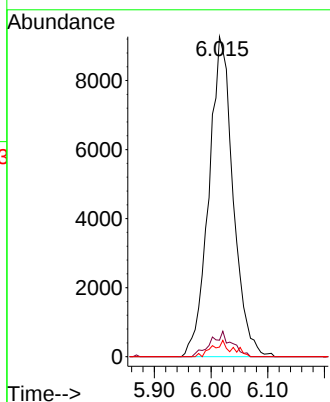
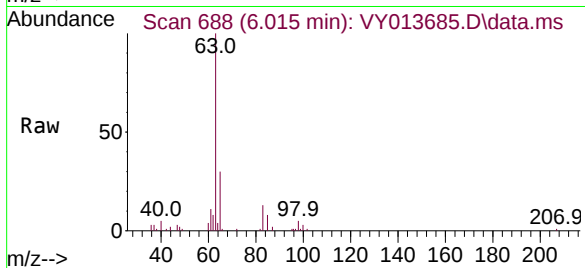
#24
1,1-Dichloroethane
Concen: 6.463 ug/l
RT: 6.015 min Scan# 61
Delta R.T. -0.000 min
Lab File: VY013685.D
Acq: 10 May 2023 14:10

Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-18.5-050923

Tgt Ion:	63	Resp:	27604
Ion Ratio	Lower	Upper	
63	100		
98	5.2	3.5	10.6
100	3.0	2.2	6.6

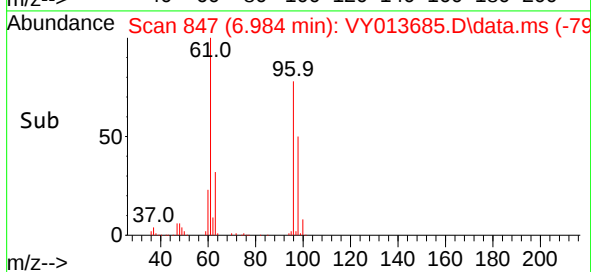
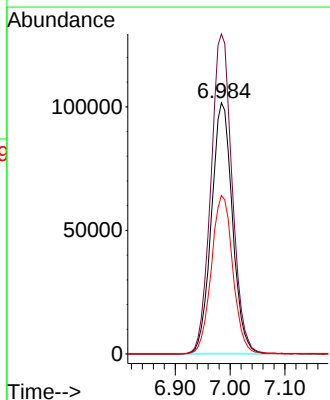
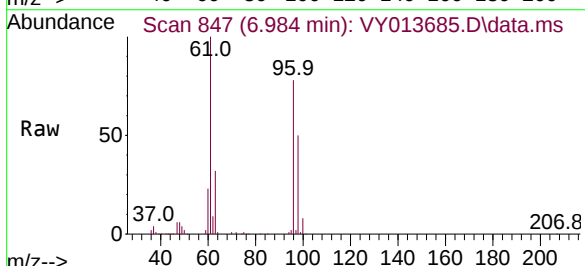
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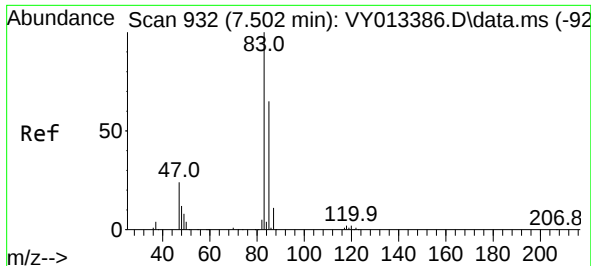
Reviewed By :Krupa Patel 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#27
cis-1,2-Dichloroethene
Concen: 106.279 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013685.D
Acq: 10 May 2023 14:10

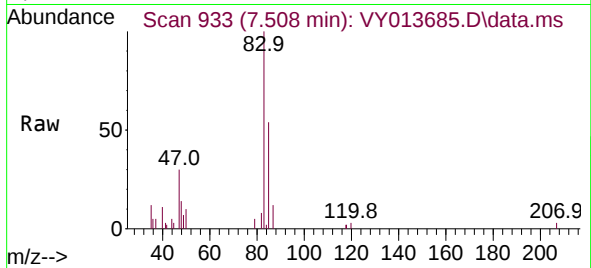
Tgt Ion:	96	Resp:	271287
Ion Ratio	Lower	Upper	
96	100		
61	128.6	0.0	285.0
98	64.4	0.0	130.6





#30
Chloroform
Concen: 2.142 ug/l
RT: 7.508 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013685.D
Acq: 10 May 2023 14:10

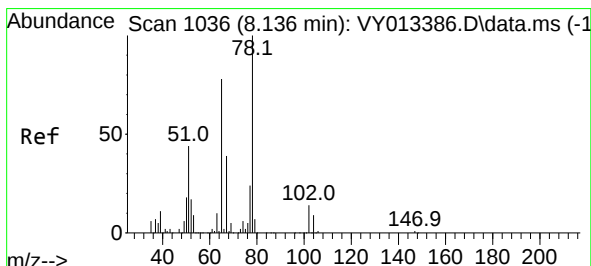
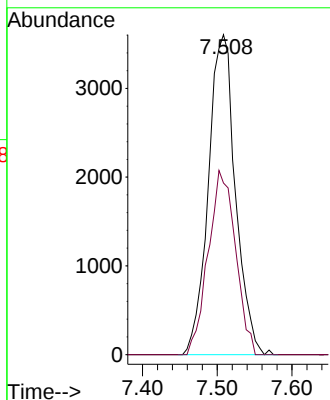
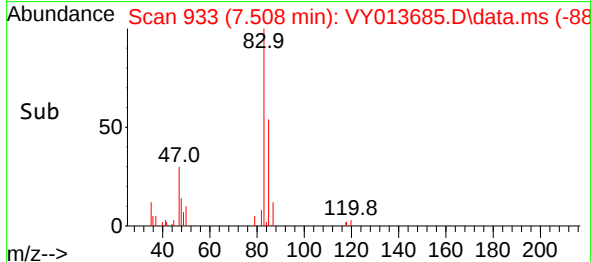
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-18.5-050923



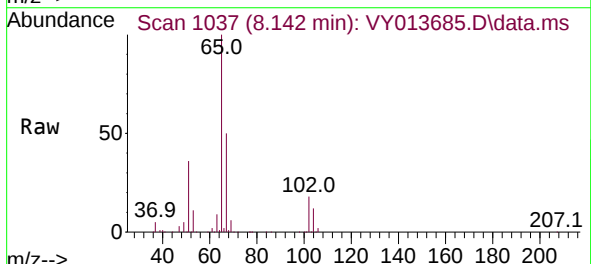
Tgt Ion: 83 Resp: 909
Ion Ratio Lower Upper
83 100
85 53.7 52.0 78.0

Manual Integrations
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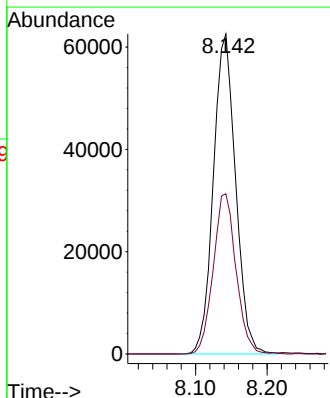
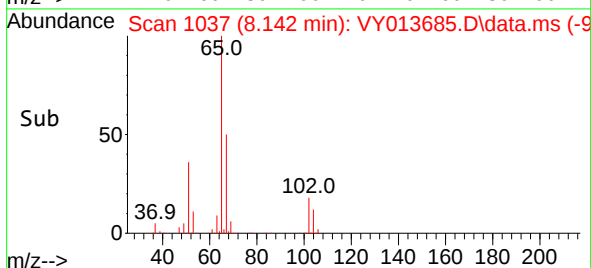
Reviewed By :Krupa Patel 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023

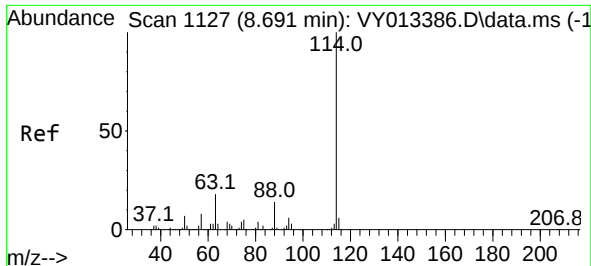


#33
1,2-Dichloroethane-d4
Concen: 60.668 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013685.D
Acq: 10 May 2023 14:10



Tgt Ion: 65 Resp: 135215
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013685.D

Acq: 10 May 2023 14:10

Instrument :

MSVOA_Y

ClientSampleId :

CB-14-G1-SO-18.5-050923

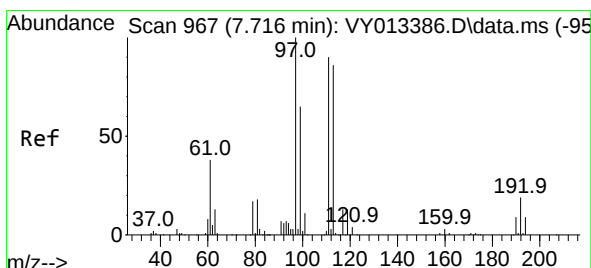
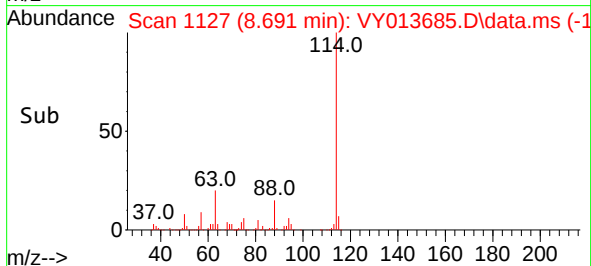
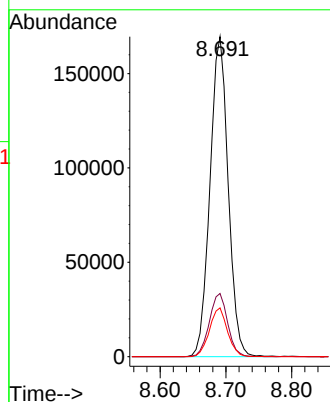
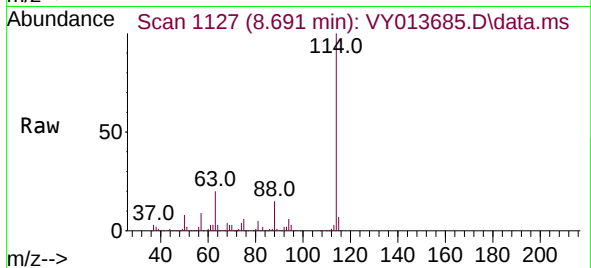
Tgt Ion:114	Resp: 326100
Ion Ratio	Lower Upper
114 100	
63 19.8	0.0 36.6
88 15.3	0.0 28.8

Manual Integrations

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Reviewed By :Krupa Patel 05/11/2023

Supervised By :Mahesh Dadoda 05/11/2023



#35

Dibromofluoromethane

Concen: 53.119 ug/l

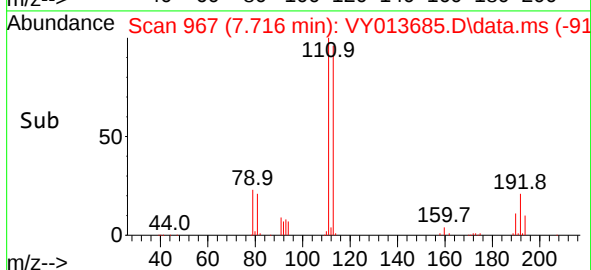
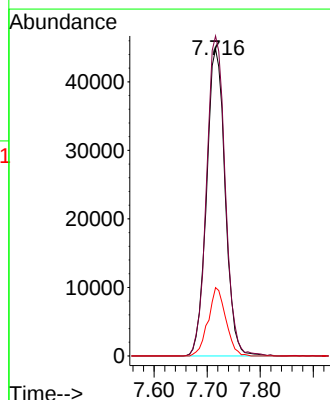
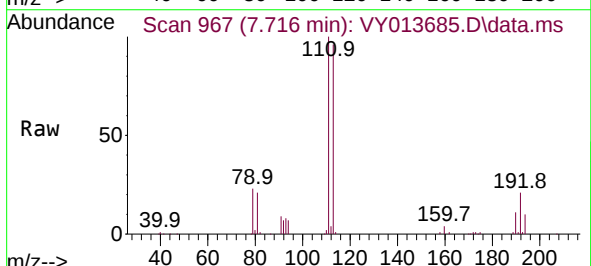
RT: 7.716 min Scan# 967

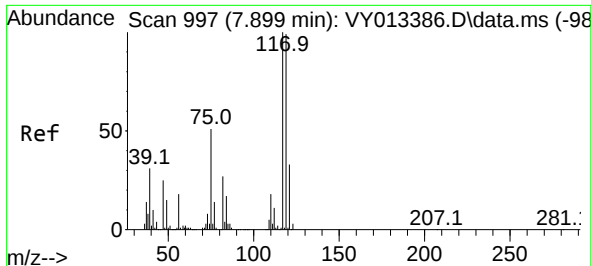
Delta R.T. -0.000 min

Lab File: VY013685.D

Acq: 10 May 2023 14:10

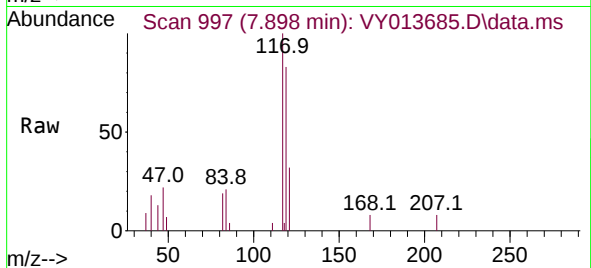
Tgt Ion:113	Resp: 108950
Ion Ratio	Lower Upper
113 100	
111 104.7	82.2 123.2
192 21.2	16.7 25.1





#38
Carbon Tetrachloride
Concen: 1.107 ug/l
RT: 7.898 min Scan# 997
Delta R.T. -0.001 min
Lab File: VY013685.D
Acq: 10 May 2023 14:10

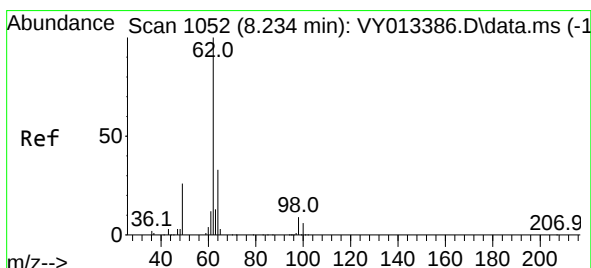
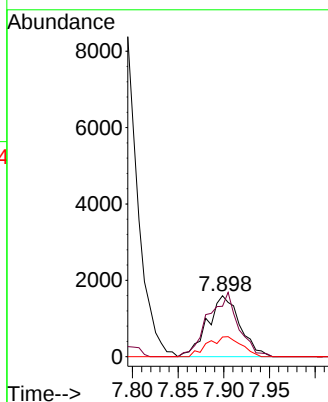
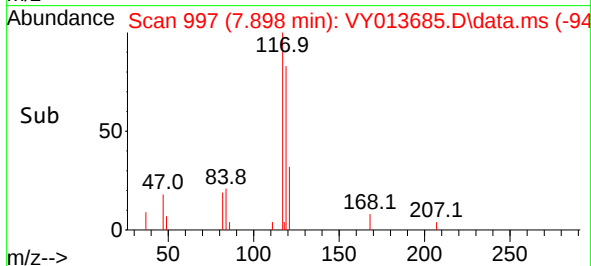
Instrument : MSVOA_Y
ClientSampleId : CB-14-G1-SO-18.5-050923



Tgt Ion:117 Resp: 3950
Ion Ratio Lower Upper
117 100
119 82.6 79.0 118.6
121 32.3 26.6 40.0

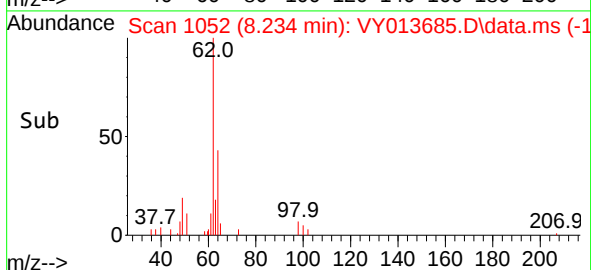
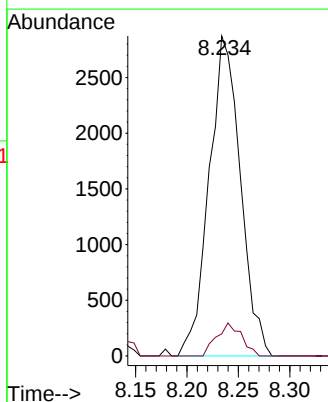
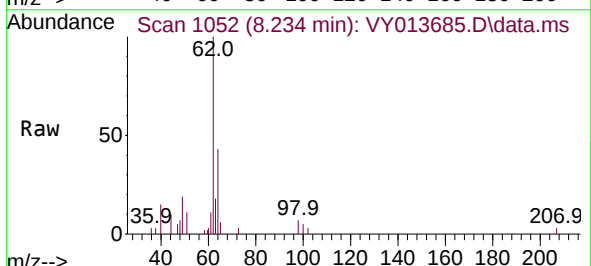
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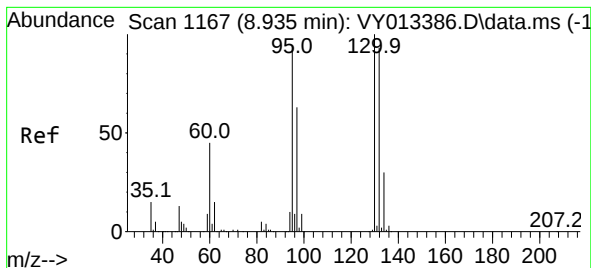
Reviewed By :Krupa Patel 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#42
1,2-Dichloroethane
Concen: 1.942 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013685.D
Acq: 10 May 2023 14:10

Tgt Ion: 62 Resp: 6089
Ion Ratio Lower Upper
62 100
98 8.2 0.0 17.8





#44

Trichloroethene

Concen: 1406.401 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VY013685.D

Acq: 10 May 2023 14:10

Instrument :

MSVOA_Y

ClientSampleId :

CB-14-G1-SO-18.5-050923

Tgt Ion:130 Resp: 358715

Ion Ratio Lower Upper

130 100

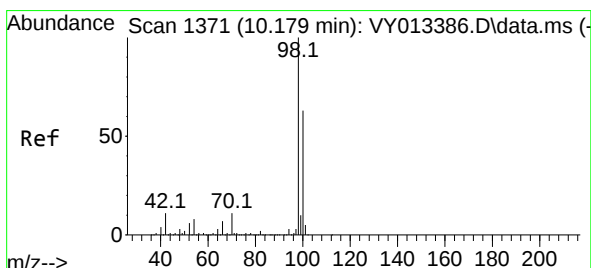
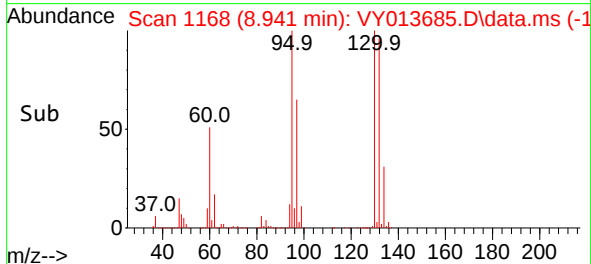
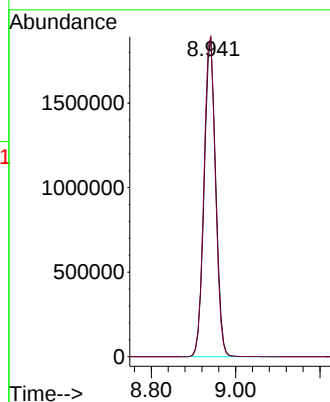
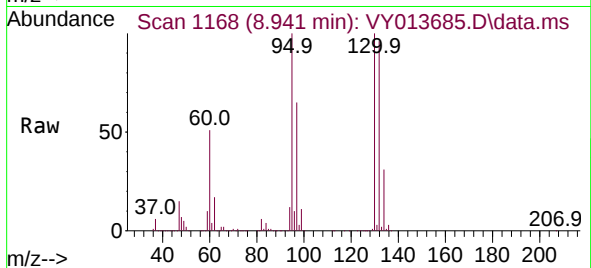
95 99.9 0.0 188.8

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Reviewed By :Krupa Patel 05/11/2023

Supervised By :Mahesh Dadoda 05/11/2023



#50

Toluene-d8

Concen: 54.089 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013685.D

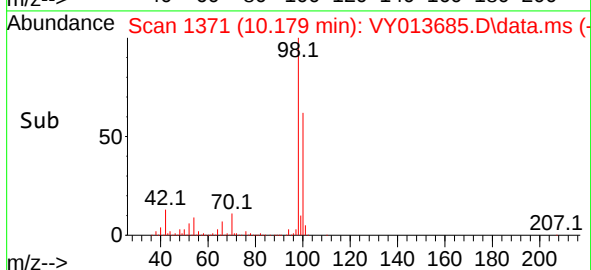
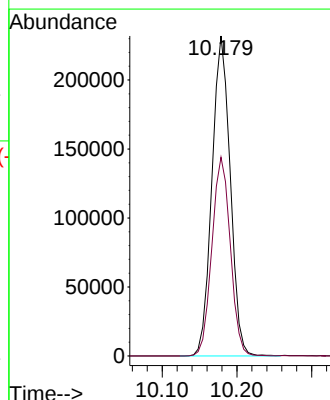
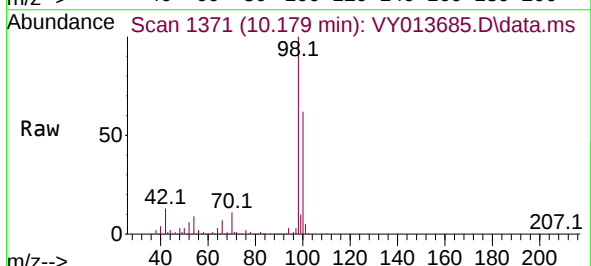
Acq: 10 May 2023 14:10

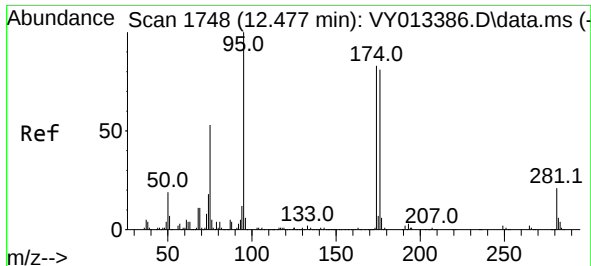
Tgt Ion: 98 Resp: 394661

Ion Ratio Lower Upper

98 100

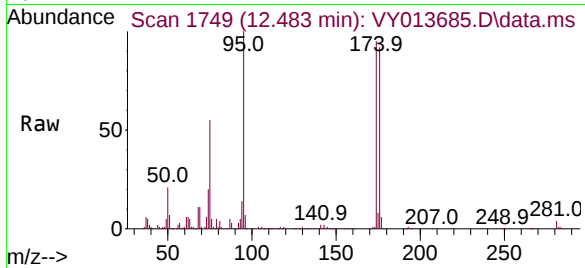
100 62.5 50.5 75.7





#62
4-Bromofluorobenzene
Concen: 48.775 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013685.D
Acq: 10 May 2023 14:10

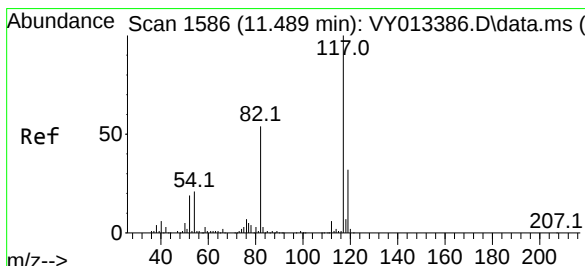
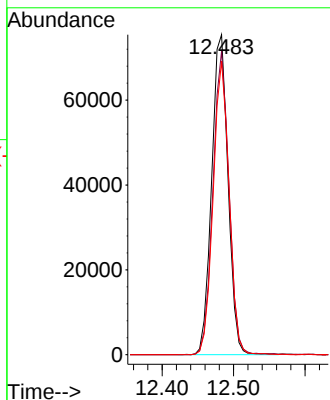
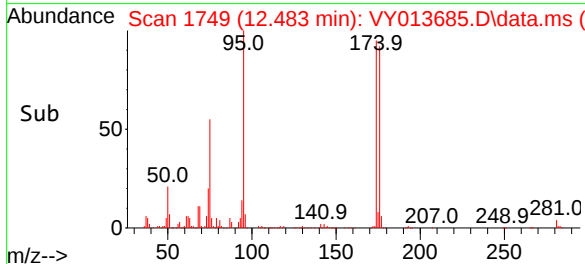
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-18.5-050923



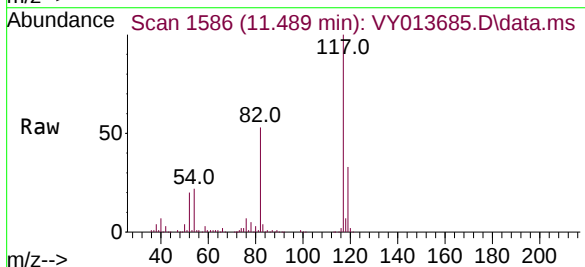
Tgt Ion: 95 Resp: 11997
Ion Ratio Lower Upper
95 100
174 93.2 0.0 182.0
176 89.4 0.0 175.4

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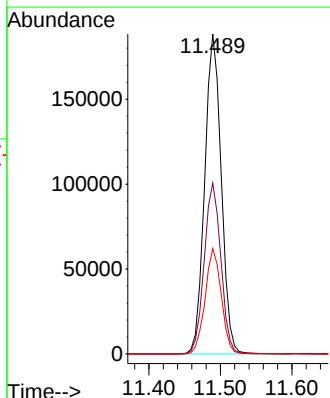
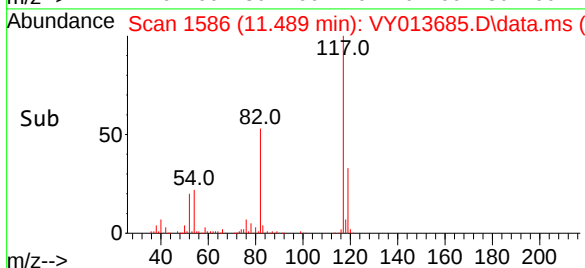
Reviewed By :Krupa Patel 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023

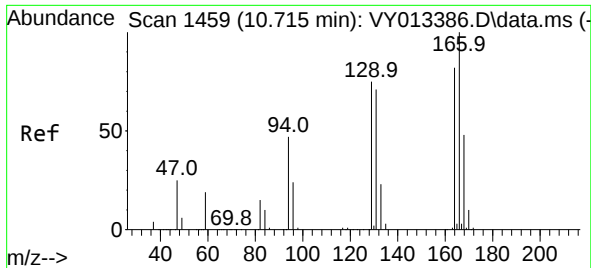


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013685.D
Acq: 10 May 2023 14:10



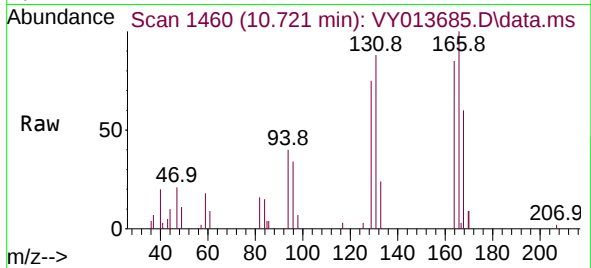
Tgt Ion:117 Resp: 302979
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.6
119 32.9 25.5 38.3





#64
Tetrachloroethene
Concen: 1.584 ug/l
RT: 10.721 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VY013685.D
Acq: 10 May 2023 14:10

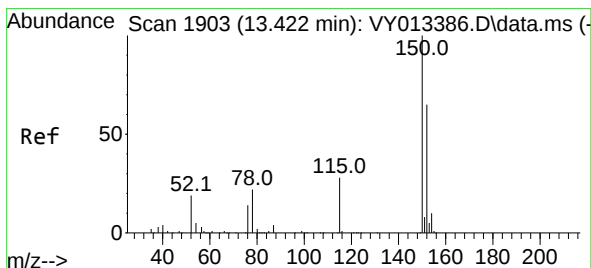
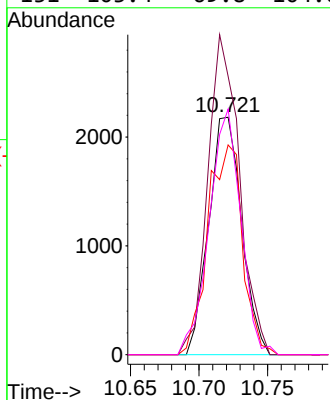
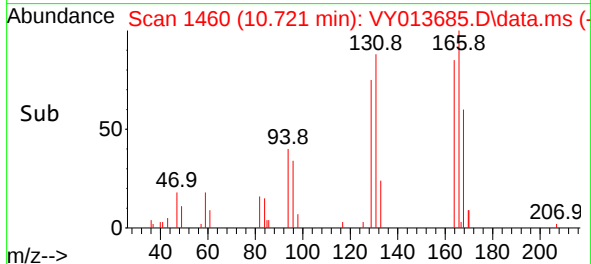
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-18.5-050923



Tgt Ion:164	Resp:	3650
Ion Ratio	Lower	Upper
164	100	
166	117.3	97.5 146.3
129	88.3	72.6 109.0
131	103.4	69.8 104.6

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Reviewed By :Krupa Patel 05/11/2023
Supervised By :Mahesh Dadoda 05/11/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013685.D
Acq: 10 May 2023 14:10

Tgt Ion:152	Resp:	136325
Ion Ratio	Lower	Upper
152	100	
115	56.0	28.1 84.2
150	155.7	0.0 352.0

