

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040524\
 Data File : VY017866.D
 Acq On : 05 Apr 2024 13:20
 Operator : SY/MD
 Sample : P2001-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-846-G3-SO-13-040424

Quant Time: Apr 05 15:06:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 04/11/2024
 Supervised By : Mahesh Dadoda 04/11/2024

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	50123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	77502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	61331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	17431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	22255	51.310	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.620%			
35) Dibromofluoromethane	7.722	113	25699	57.384	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.760%			
50) Toluene-d8	10.185	98	87919	52.555	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.120%			
62) 4-Bromofluorobenzene	12.489	95	17468	34.320	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 68.640%			
Target Compounds						
4) Vinyl Chloride	2.253	62	17575	20.555	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.899	101	26464	52.924	ug/l	97
12) 1,1-Dichloroethene	3.875	96	3234	6.911	ug/l #	69
16) Acetone	3.936	43	1652m	18.426	ug/l	
20) Methylene Chloride	4.710	84	5387	7.551	ug/l #	84
27) cis-1,2-Dichloroethene	6.984	96	315131	532.531	ug/l	92
32) 1,1,1-Trichloroethane	7.710	97	6744	8.672	ug/l #	92
44) Trichloroethene	8.941	130	1067281	2037.098	ug/l	99
64) Tetrachloroethene	10.721	164	5152	9.631	ug/l	88

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

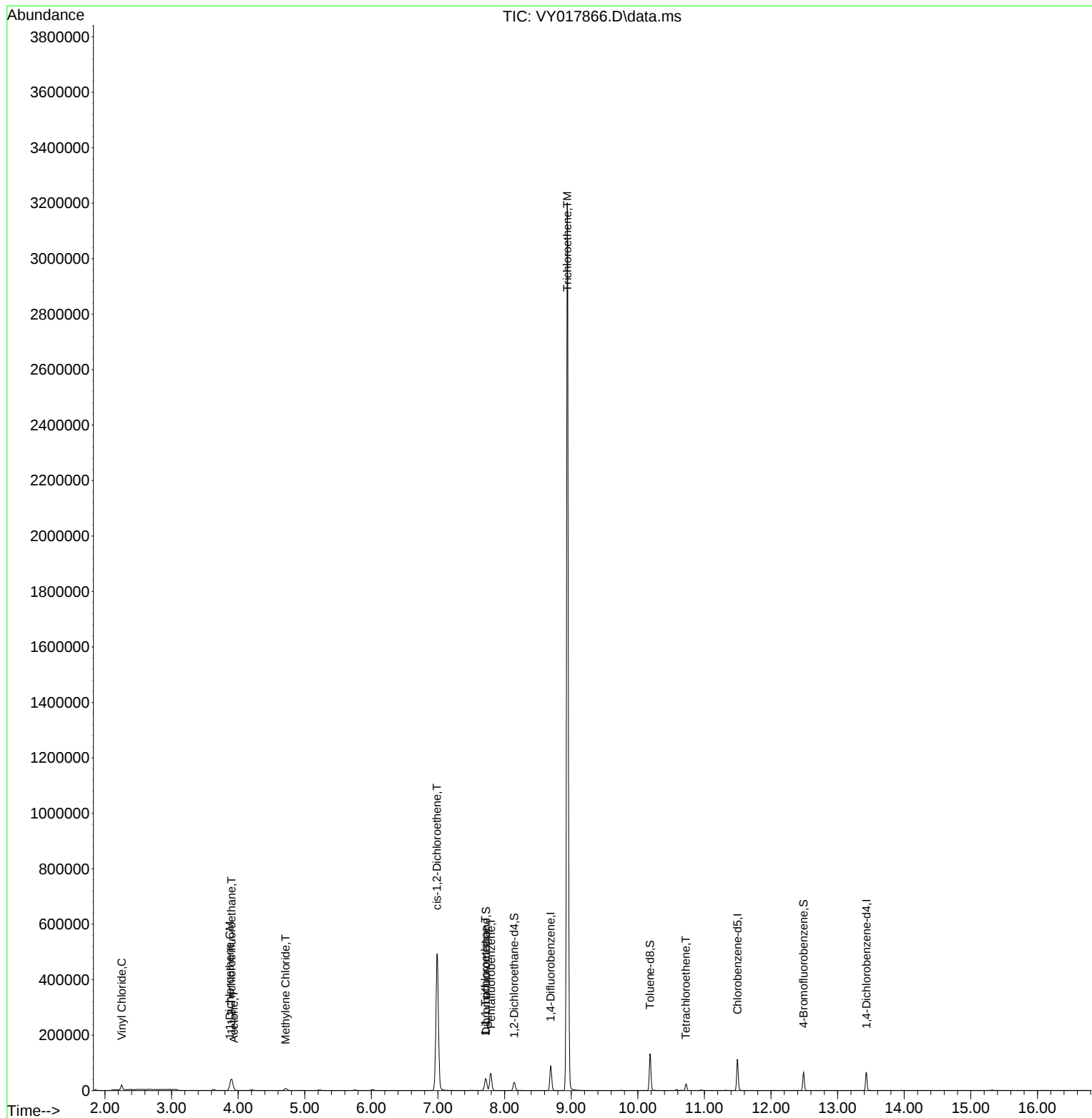
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040524\
Data File : VY017866.D
Acq On : 05 Apr 2024 13:20
Operator : SY/MD
Sample : P2001-01
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

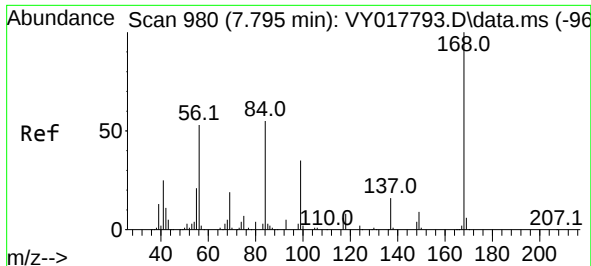
Instrument :
MSVOA_Y
ClientSampleId :
S-846-G3-SO-13-040424

Quant Time: Apr 05 15:06:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 05:58:13 2024
Response via : Initial Calibration

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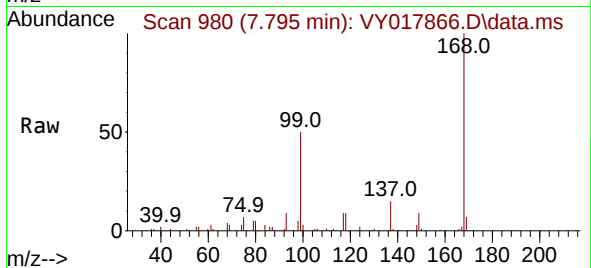
Reviewed By :Semsettin Yesilyurt 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017866.D
Acq: 05 Apr 2024 13:20

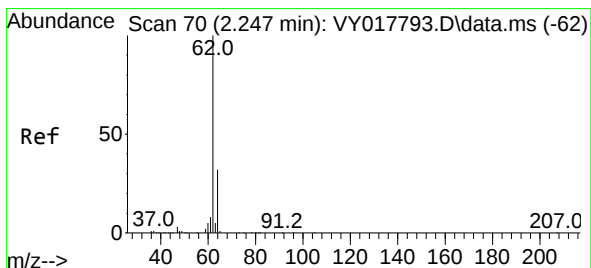
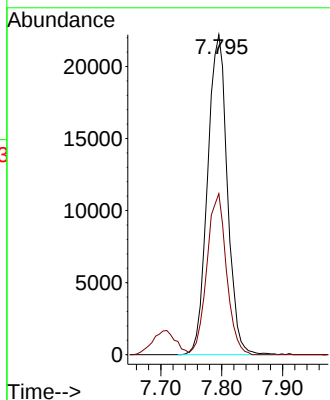
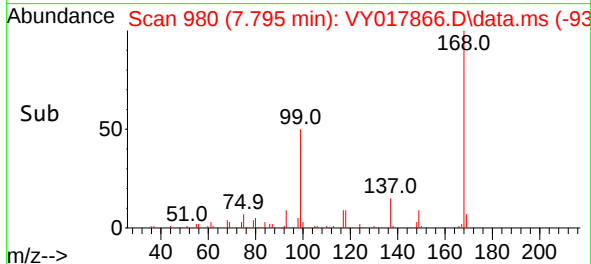
Instrument :
MSVOA_Y
ClientSampleId :
S-846-G3-SO-13-040424



Tgt Ion:168 Resp: 5012
Ion Ratio Lower Upper
168 100
99 50.3 39.1 58.7

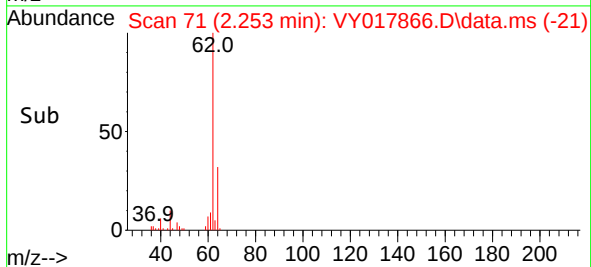
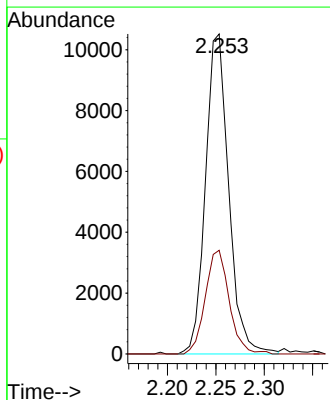
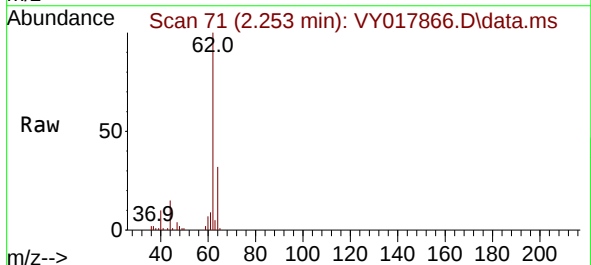
Manual Integrations
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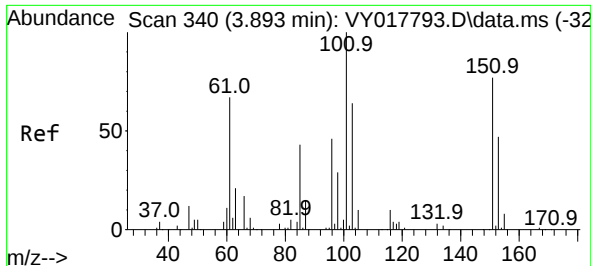
Reviewed By :Semsettin Yesilyurt 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#4
Vinyl Chloride
Concen: 20.555 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY017866.D
Acq: 05 Apr 2024 13:20

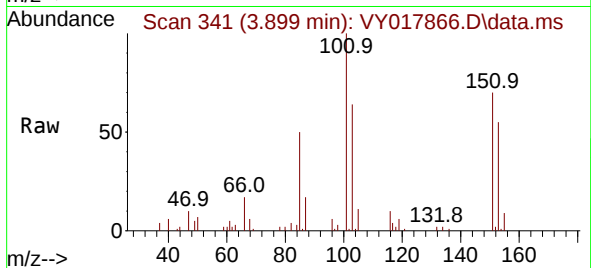
Tgt Ion: 62 Resp: 17575
Ion Ratio Lower Upper
62 100
64 32.4 26.1 39.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.924 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY017866.D
Acq: 05 Apr 2024 13:20

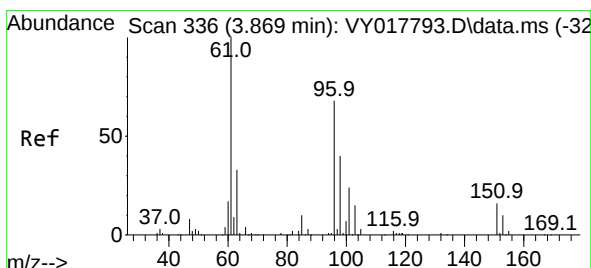
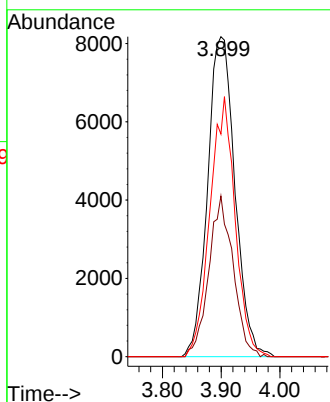
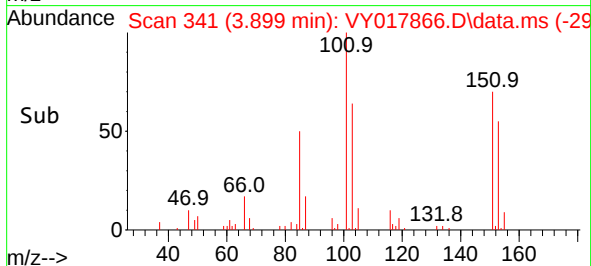
Instrument :
MSVOA_Y
ClientSampleId :
S-846-G3-SO-13-040424



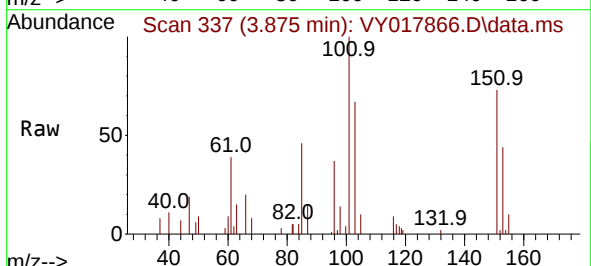
Tgt Ion: 101 Resp: 2646
Ion Ratio Lower Upper
101 100
85 44.7 34.5 51.7
151 74.8 61.7 92.5

Manual Integrations
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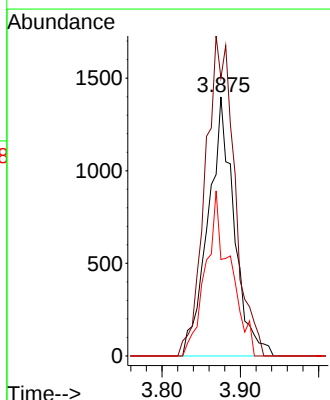
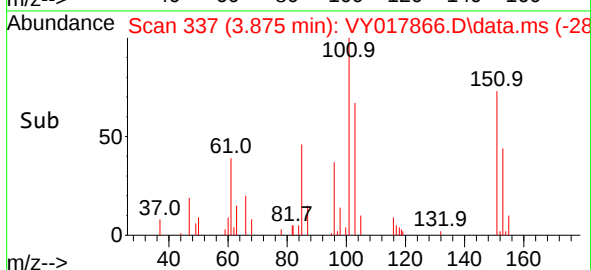
Reviewed By : Semsettin Yesilyurt 04/11/2024
Supervised By : Mahesh Dadoda 04/11/2024

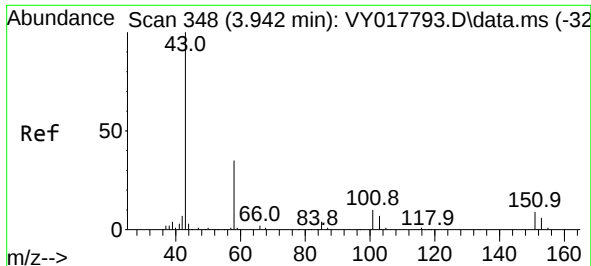


#12
1,1-Dichloroethene
Concen: 6.911 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY017866.D
Acq: 05 Apr 2024 13:20



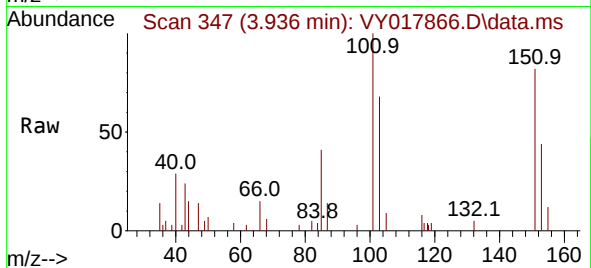
Tgt Ion: 96 Resp: 3234
Ion Ratio Lower Upper
96 100
61 107.3 114.6 171.8#
98 37.2 50.8 76.2#





#16
Acetone
Concen: 18.426 ug/l m
RT: 3.936 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY017866.D
Acq: 05 Apr 2024 13:20

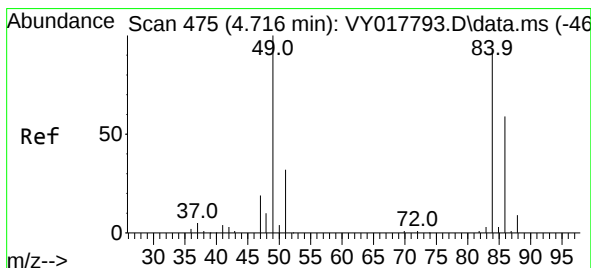
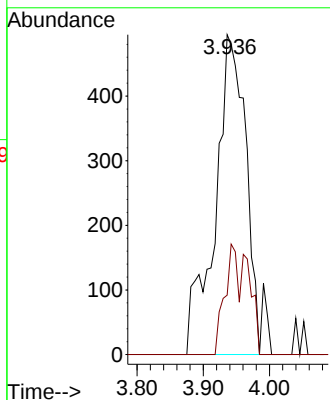
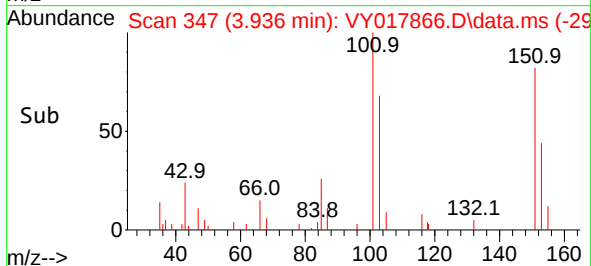
Instrument :
MSVOA_Y
ClientSampleId :
S-846-G3-SO-13-040424



Tgt Ion: 43 Resp: 1652
Ion Ratio Lower Upper
43 100
58 18.6 31.7 47.5

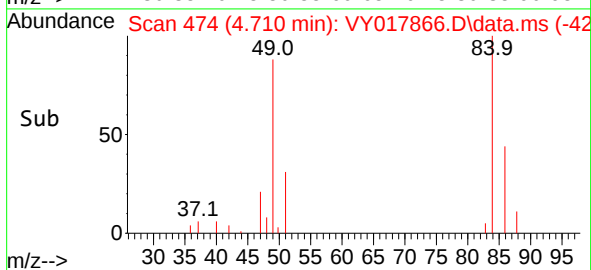
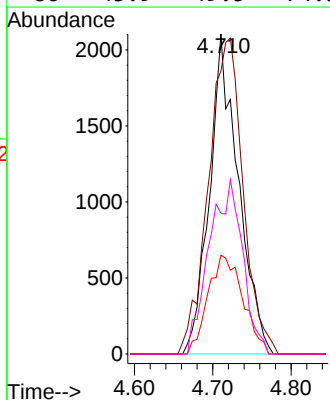
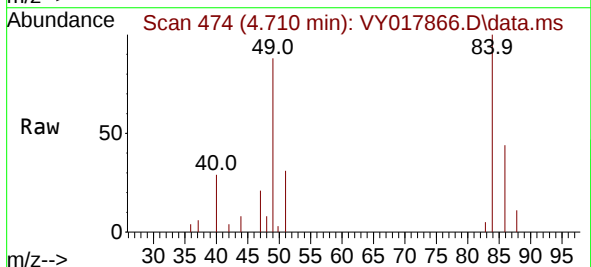
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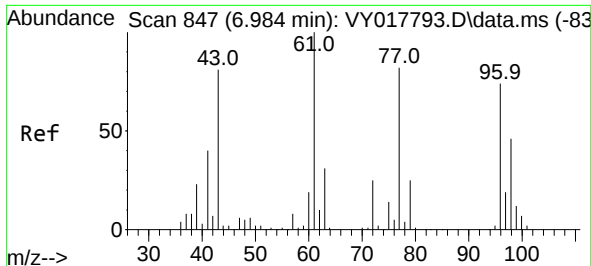
Reviewed By :Semsettin Yesilyurt 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#20
Methylene Chloride
Concen: 7.551 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY017866.D
Acq: 05 Apr 2024 13:20

Tgt Ion: 84 Resp: 5387
Ion Ratio Lower Upper
84 100
49 88.4 84.4 126.6
51 30.8 26.0 39.0
86 43.9 49.5 74.3





#27

cis-1,2-Dichloroethene

Concen: 532.531 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY017866.D

Acq: 05 Apr 2024 13:20

Instrument :

MSVOA_Y

ClientSampleId :

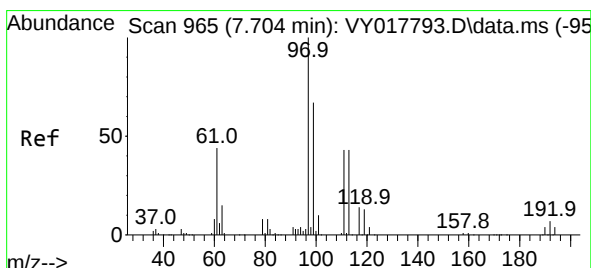
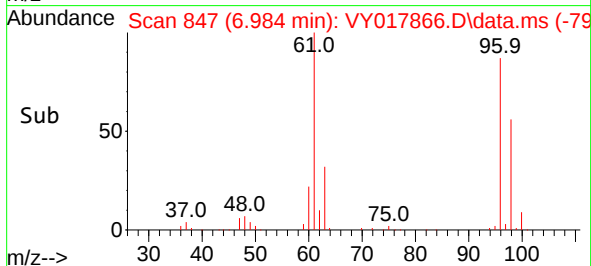
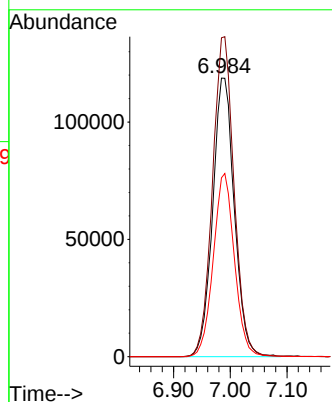
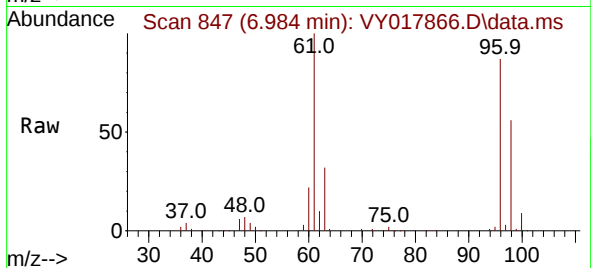
S-846-G3-SO-13-040424

Tgt Ion:	96	Resp:	31513
Ion	Ratio	Lower	Upper
96	100		
61	114.5	0.0	256.2
98	64.3	0.0	130.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#32

1,1,1-Trichloroethane

Concen: 8.672 ug/l

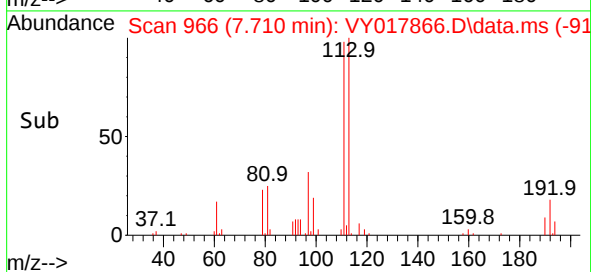
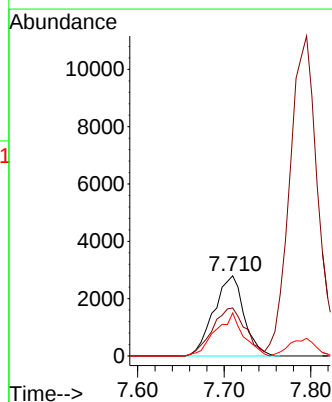
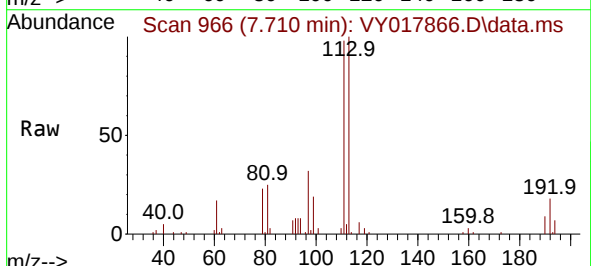
RT: 7.710 min Scan# 966

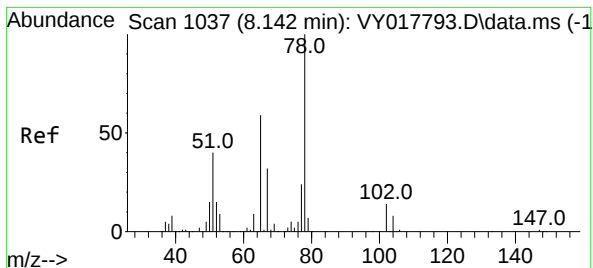
Delta R.T. 0.006 min

Lab File: VY017866.D

Acq: 05 Apr 2024 13:20

Tgt Ion:	97	Resp:	6744
Ion	Ratio	Lower	Upper
97	100		
99	66.5	50.3	75.5
61	49.6	32.6	48.8





#33

1,2-Dichloroethane-d4

Concen: 51.310 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY017866.D

Acq: 05 Apr 2024 13:20

Instrument :

MSVOA_Y

ClientSampleId :

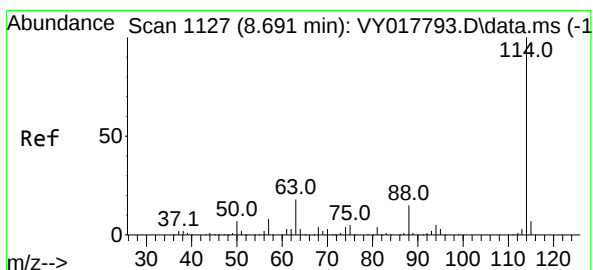
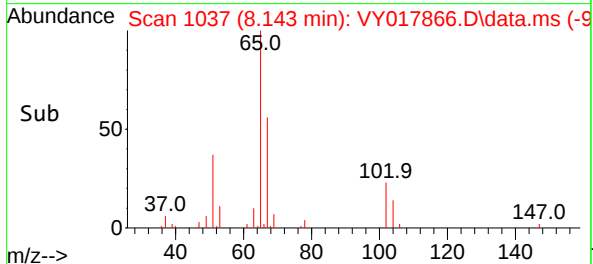
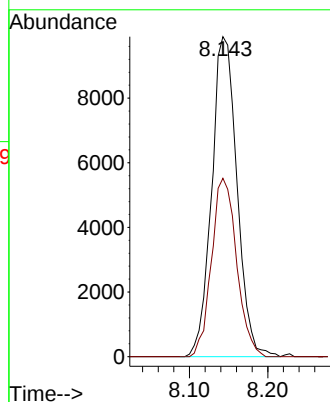
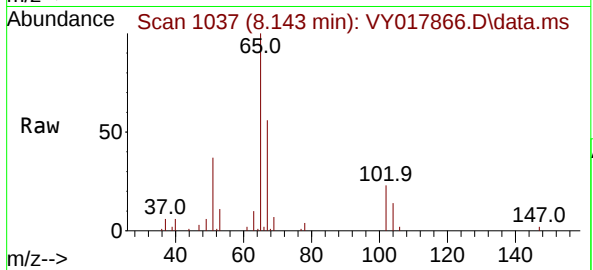
S-846-G3-SO-13-040424

Tgt Ion: 65 Resp: 2225
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 109.6

Manual Integrations

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 Supervised By :Mahesh Dadoda 04/11/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

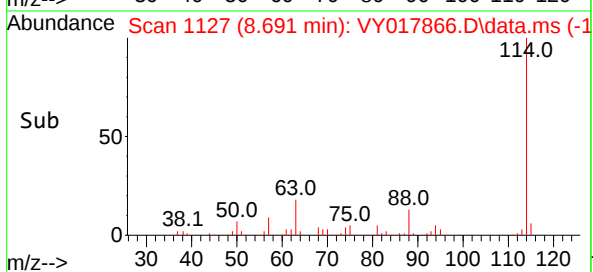
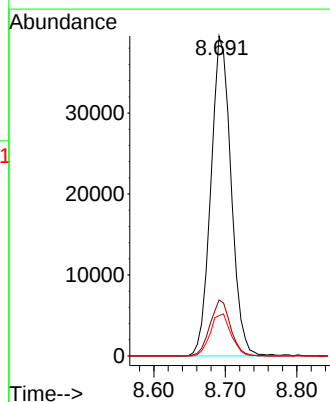
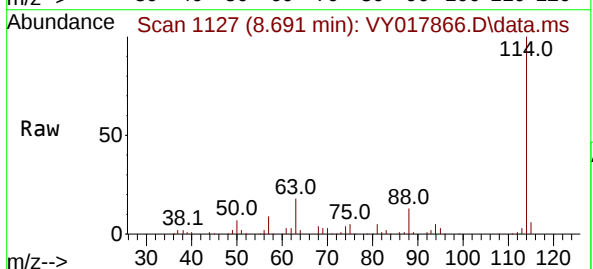
RT: 8.691 min Scan# 1127

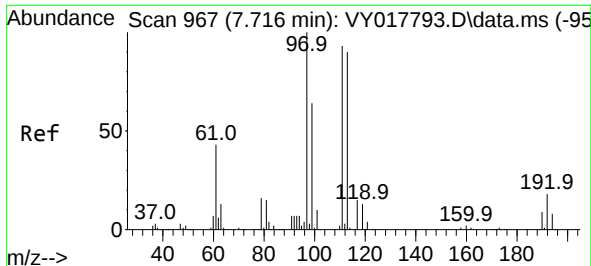
Delta R.T. 0.000 min

Lab File: VY017866.D

Acq: 05 Apr 2024 13:20

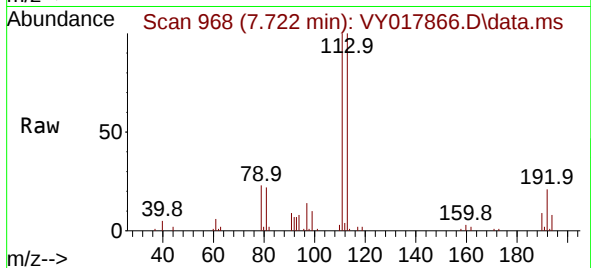
Tgt Ion:114 Resp: 77502
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 35.0
 88 12.6 0.0 27.2





#35
Dibromofluoromethane
Concen: 57.384 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY017866.D
Acq: 05 Apr 2024 13:20

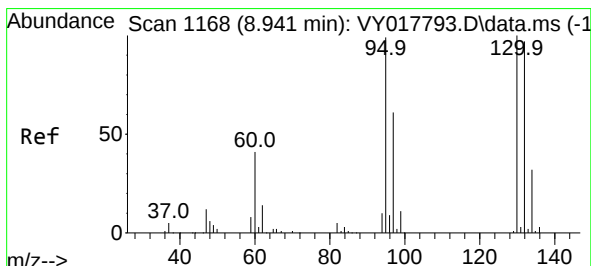
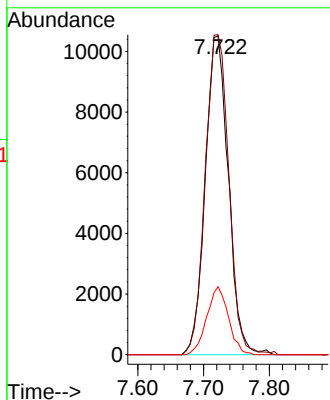
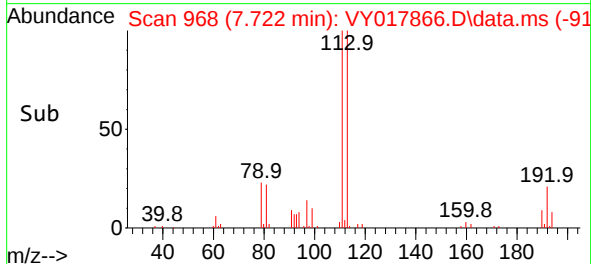
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S-846-G3-SO-13-040424



Tgt Ion:113 Resp: 25699
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 20.0 15.9 23.9

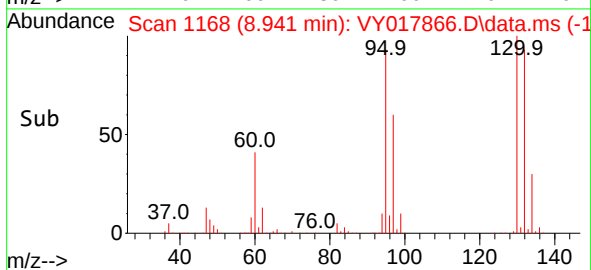
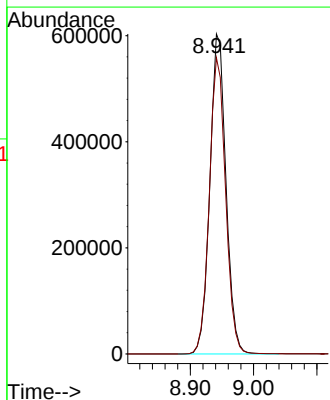
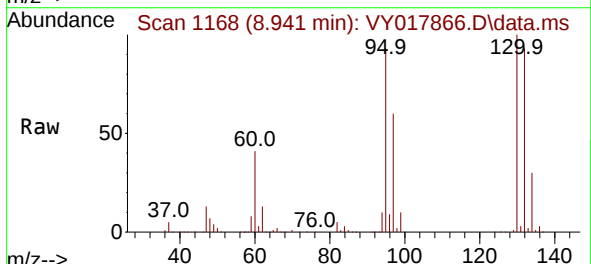
Manual Integrations
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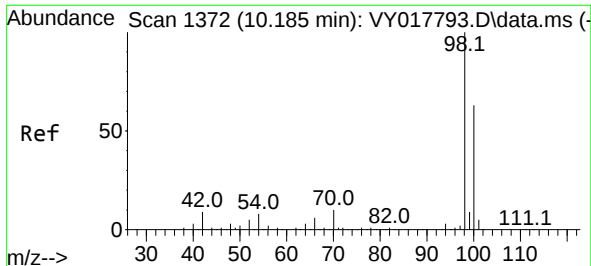
Reviewed By :Semsettin Yesilyurt 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#44
Trichloroethene
Concen: 2037.098 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY017866.D
Acq: 05 Apr 2024 13:20

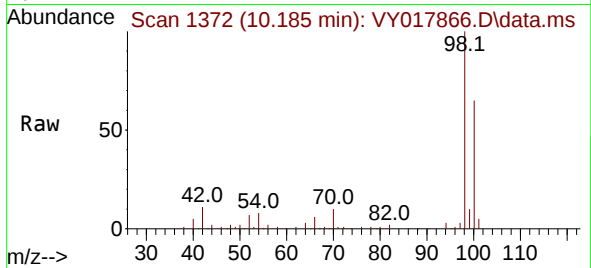
Tgt Ion:130 Resp: 1067281
Ion Ratio Lower Upper
130 100
95 92.6 0.0 188.0





#50
Toluene-d8
Concen: 52.555 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017866.D
Acq: 05 Apr 2024 13:20

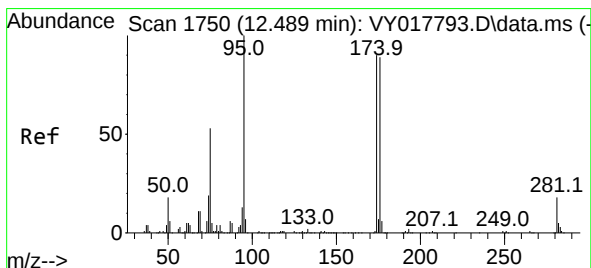
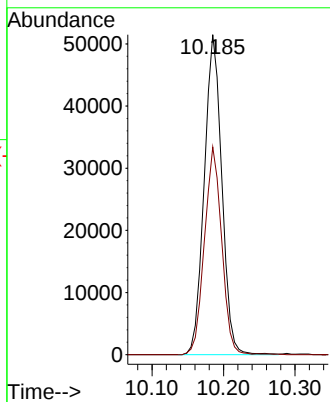
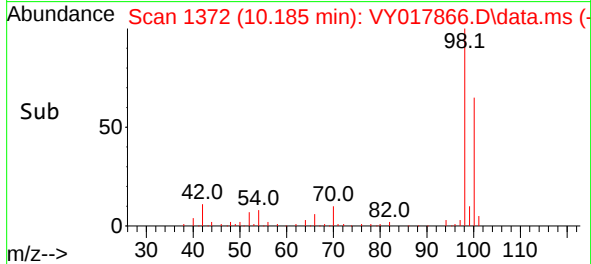
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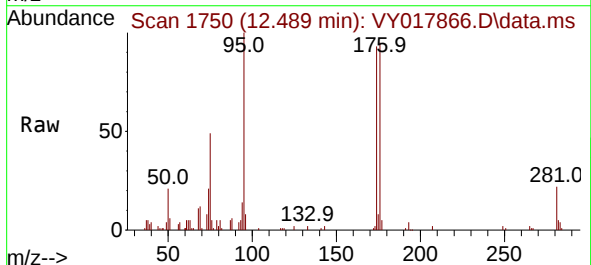
Tgt Ion: 98 Resp: 87919
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0

Manual Integrations
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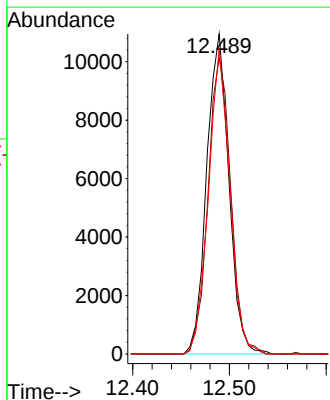
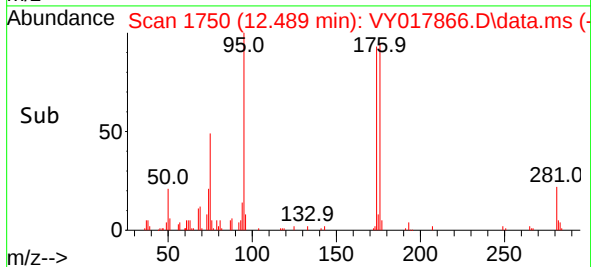
Reviewed By :Semsettin Yesilyurt 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024

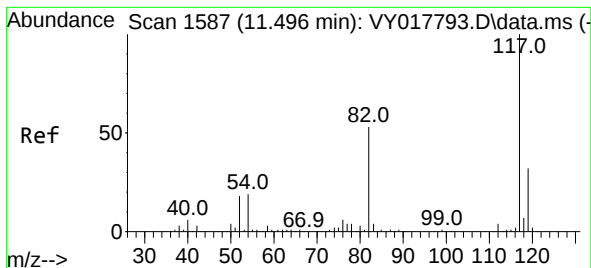


#62
4-Bromofluorobenzene
Concen: 34.320 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017866.D
Acq: 05 Apr 2024 13:20



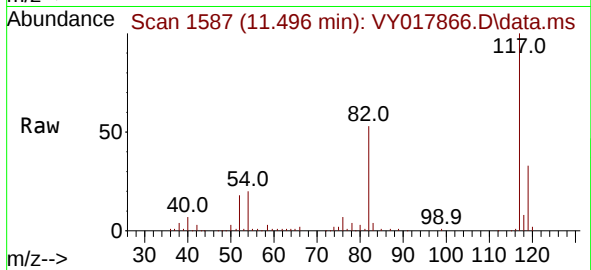
Tgt Ion: 95 Resp: 17468
Ion Ratio Lower Upper
95 100
174 94.7 0.0 175.6
176 92.0 0.0 171.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017866.D
Acq: 05 Apr 2024 13:20

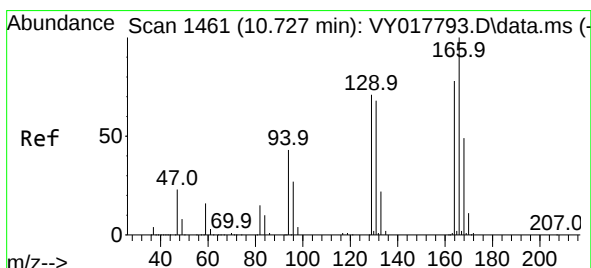
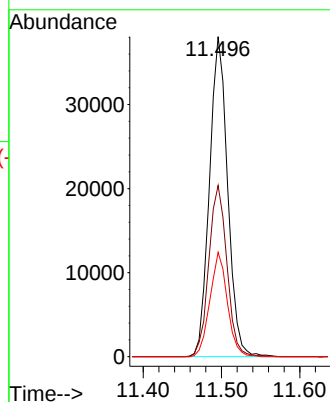
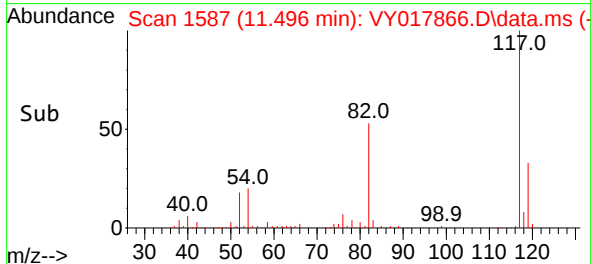
Instrument :
MSVOA_Y
ClientSampleId :
S-846-G3-SO-13-040424



Tgt Ion:117 Resp: 6133
Ion Ratio Lower Upper
117 100
82 53.5 42.4 63.6
119 32.6 25.9 38.9

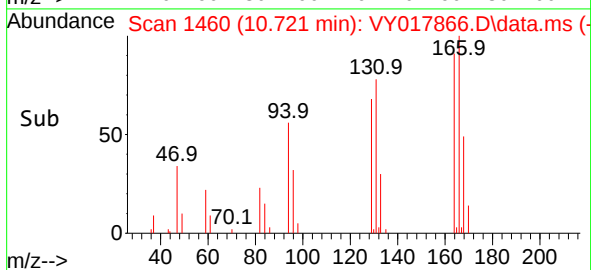
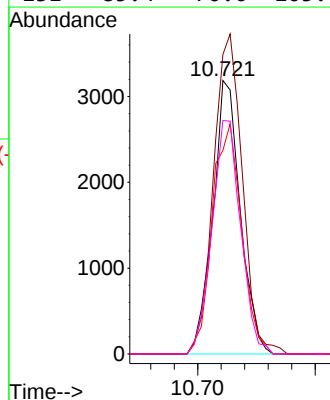
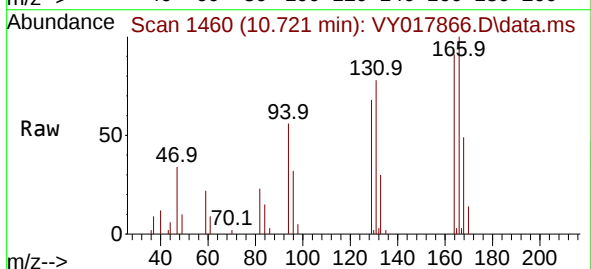
Manual Integrations
APPROVED

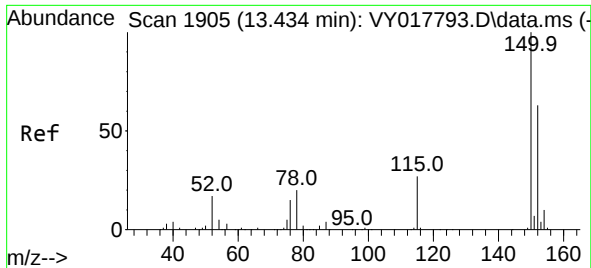
Reviewed By :Semsettin Yesilyurt 04/11/2024
Supervised By :Mahesh Dadoda 04/11/2024



#64
Tetrachloroethene
Concen: 9.631 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VY017866.D
Acq: 05 Apr 2024 13:20

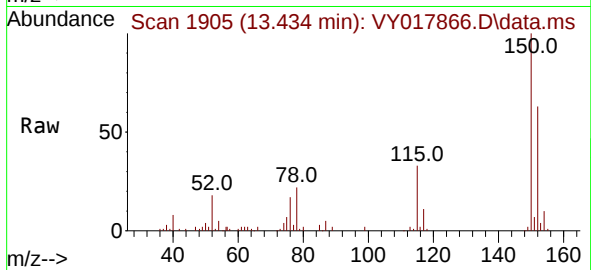
Tgt Ion:164 Resp: 5152
Ion Ratio Lower Upper
164 100
166 109.5 102.6 154.0
129 74.5 72.0 108.0
131 85.4 70.0 105.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY017866.D
 Acq: 05 Apr 2024 13:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-846-G3-SO-13-040424



Tgt Ion:152 Resp: 1743
 Ion Ratio Lower Upper
 152 100
 115 54.7 28.2 84.7
 150 155.9 0.0 345.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2024
 Supervised By :Mahesh Dadoda 04/11/2024

