

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080724\
 Data File : VD079652.D
 Acq On : 07 Aug 2024 20:19
 Operator : RP/MD
 Sample : P3393-17
 Misc : 7.33G/5.0ml/MSVOA_D/SOILA
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-849-GI-SO-10-10.5-072624

Quant Time: Aug 08 01:55:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/09/2024
 Supervised By :Semsettin Yesilyurt 08/09/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	149707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	309482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	259836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	102135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	96546	63.480	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 126.960%			
35) Dibromofluoromethane	7.805	113	108533	51.813	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.620%			
50) Toluene-d8	10.269	98	344893	42.399	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 84.800%			
62) 4-Bromofluorobenzene	12.569	95	80256	34.094	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 68.180%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.281	62	16025	6.236	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.964	101	6131862	3793.608	ug/l	96
12) 1,1-Dichloroethene	3.969	96	22411	13.855	ug/l #	61
21) trans-1,2-Dichloroethene	5.322	96	2399	1.320	ug/l #	84
27) cis-1,2-Dichloroethene	7.081	96	335302	161.432	ug/l	99
29) Tetrahydrofuran	7.446	42	3084	11.876	ug/l #	62
30) Chloroform	7.593	83	20588	6.383	ug/l #	78
32) 1,1,1-Trichloroethane	7.793	97	7600	2.856	ug/l	96
38) Carbon Tetrachloride	7.993	117	12593	4.190	ug/l	95
42) 1,2-Dichloroethane	8.334	62	2209	1.021	ug/l	75
44) Trichloroethene	9.016	130	42067856m	18609.648	ug/l	
55) 1,1,2-Trichloroethane	10.734	97	24161	14.971	ug/l	87
64) Tetrachloroethene	10.810	164	672081	383.591	ug/l	94
68) m/p-Xylenes	11.787	106	5128	1.372	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	1338	3.623	ug/l	98

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

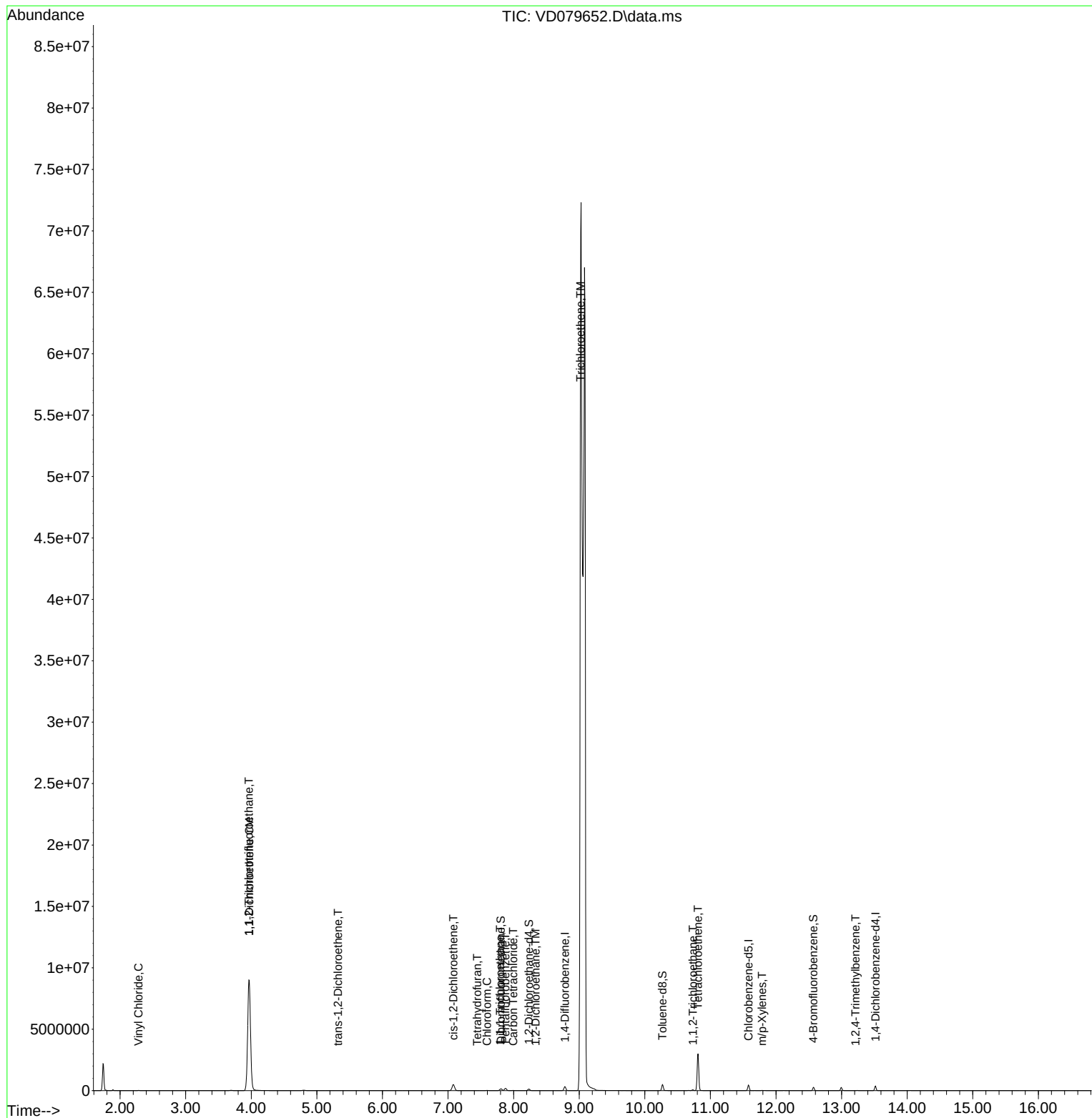
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080724\
Data File : VD079652.D
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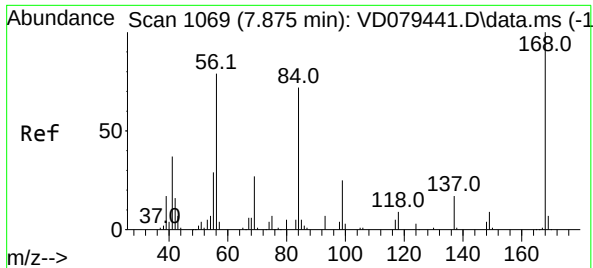
Instrument :
MSVOA_D
ClientSampleId :
S-849-GI-SO-10-10.5-072624

Quant Time: Aug 08 01:55:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration

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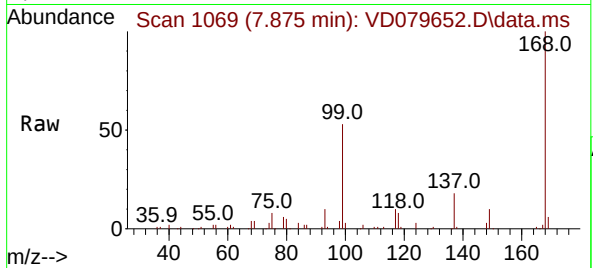
Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079652.D
Acq: 07 Aug 2024 20:19

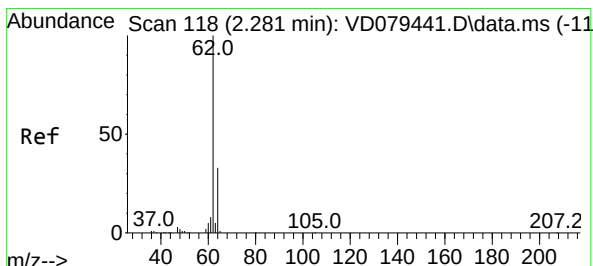
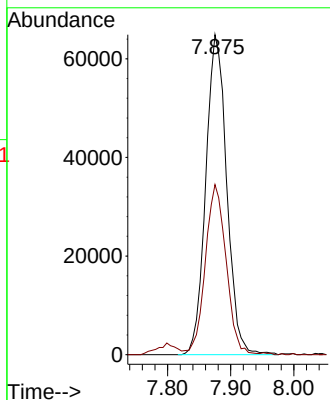
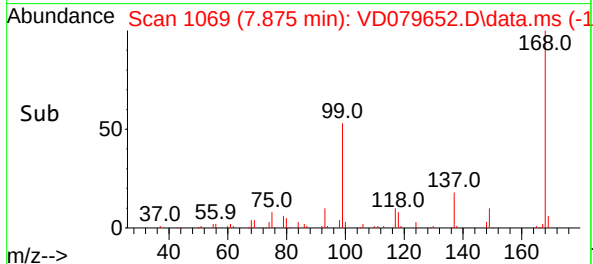
Instrument :
MSVOA_D
ClientSampleId :
S-849-GI-SO-10-10.5-072624



Tgt Ion:168 Resp: 14970
Ion Ratio Lower Upper
168 100
99 53.1 41.1 61.7

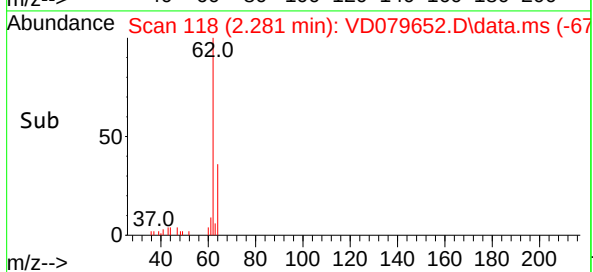
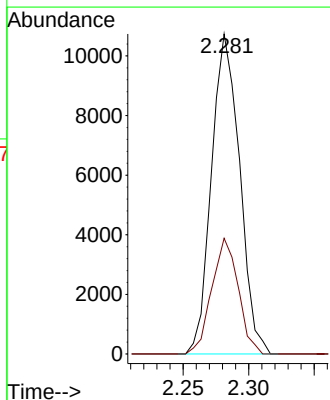
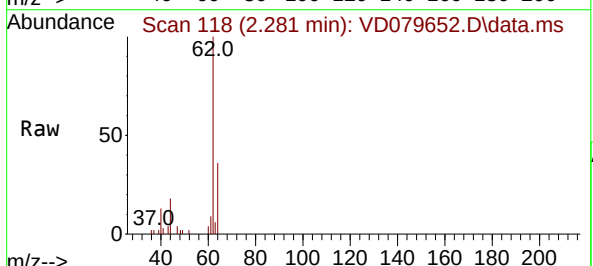
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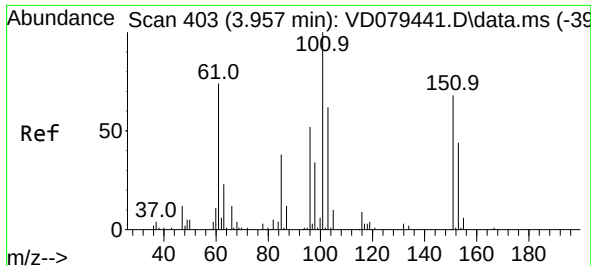
Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024



#4
Vinyl Chloride
Concen: 6.236 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD079652.D
Acq: 07 Aug 2024 20:19

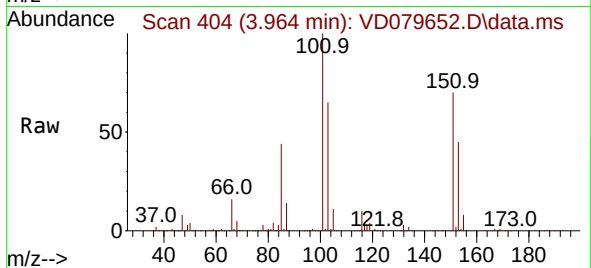
Tgt Ion: 62 Resp: 16025
Ion Ratio Lower Upper
62 100
64 36.1 26.3 39.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 3793.608 ug/l
RT: 3.964 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD079652.D
Acq: 07 Aug 2024 20:19

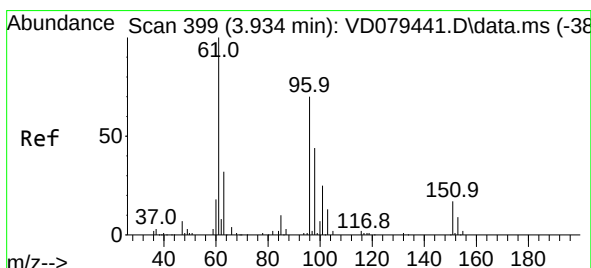
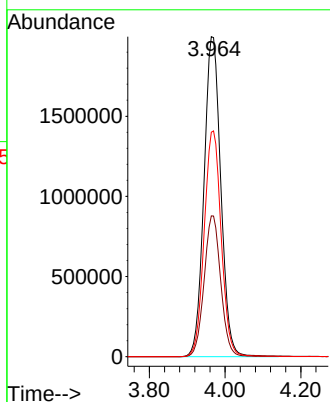
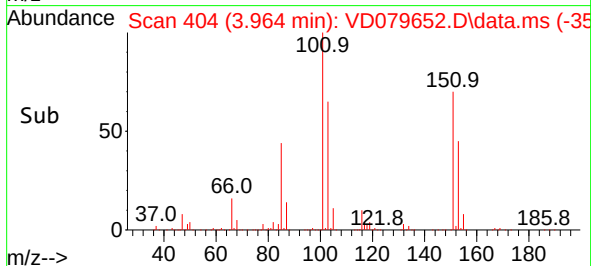
Instrument :
MSVOA_D
ClientSampleId :
S-849-GI-SO-10-10.5-072624



Tgt Ion:101 Resp: 613186
Ion Ratio Lower Upper
101 100
85 43.6 33.5 50.3
151 71.6 60.3 90.5

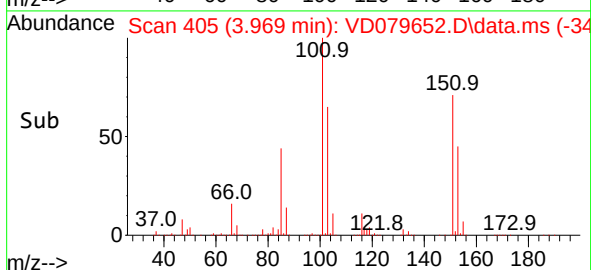
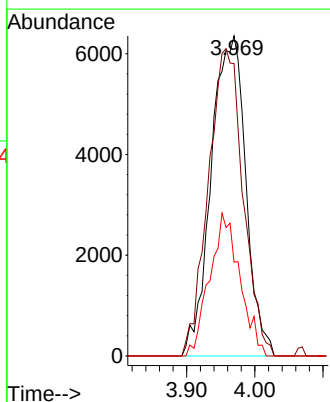
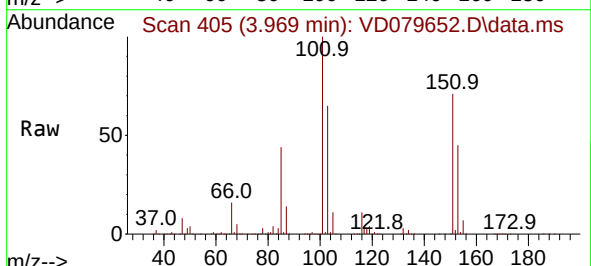
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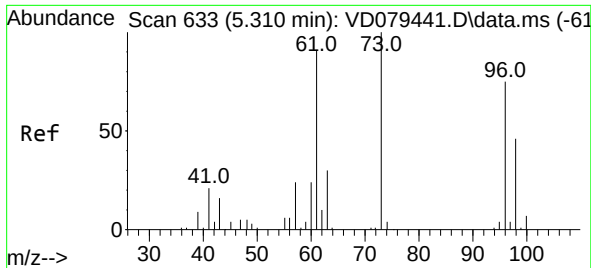
Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024



#12
1,1-Dichloroethene
Concen: 13.855 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.041 min
Lab File: VD079652.D
Acq: 07 Aug 2024 20:19

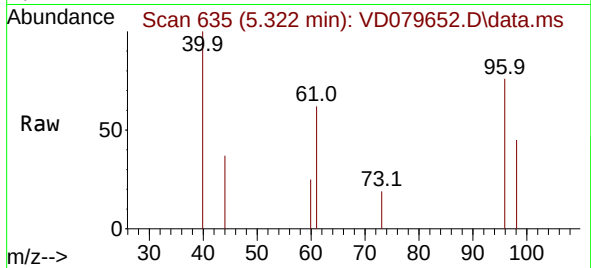
Tgt Ion: 96 Resp: 22411
Ion Ratio Lower Upper
96 100
61 91.4 107.3 160.9#
98 29.3 51.7 77.5#





#21
trans-1,2-Dichloroethene
Concen: 1.320 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD079652.D
Acq: 07 Aug 2024 20:19

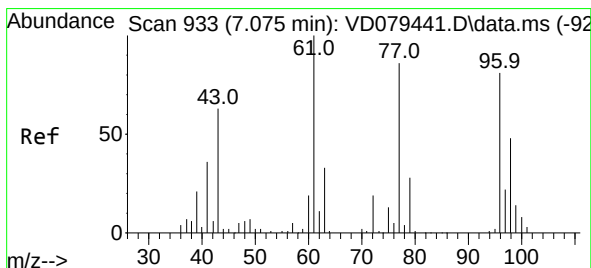
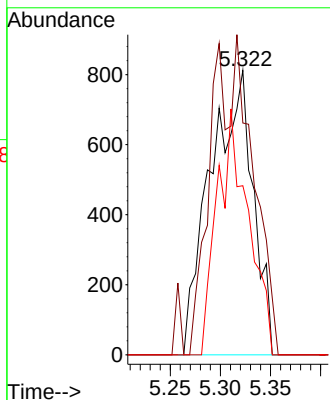
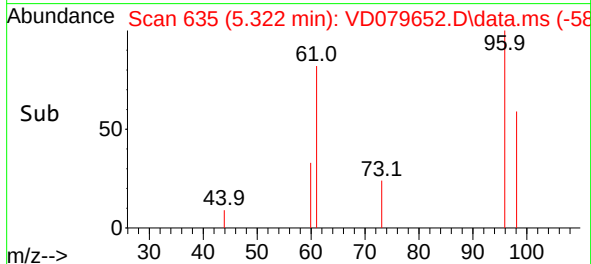
Instrument :
MSVOA_D
ClientSampleId :
S-849-GI-SO-10-10.5-072624



Tgt Ion: 96 Resp: 239
Ion Ratio Lower Upper
96 100
61 81.5 84.5 126.7
98 59.5 50.5 75.7

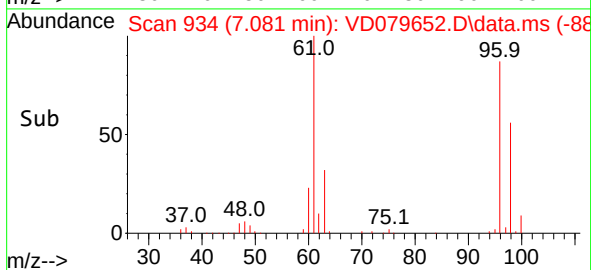
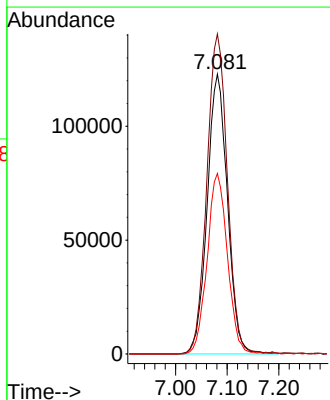
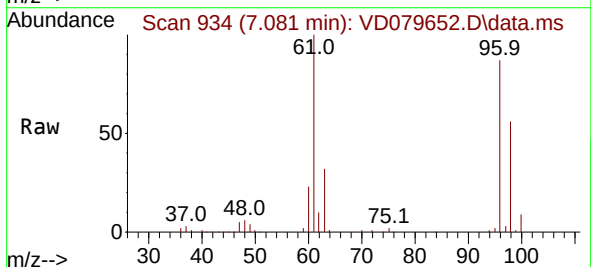
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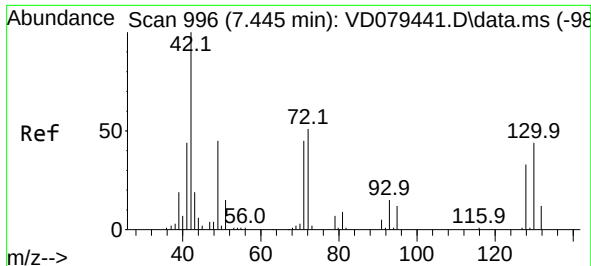
Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024



#27
cis-1,2-Dichloroethene
Concen: 161.432 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD079652.D
Acq: 07 Aug 2024 20:19

Tgt Ion: 96 Resp: 335302
Ion Ratio Lower Upper
96 100
61 115.6 0.0 229.0
98 64.5 0.0 127.2





#29

Tetrahydrofuran

Concen: 11.876 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD079652.D

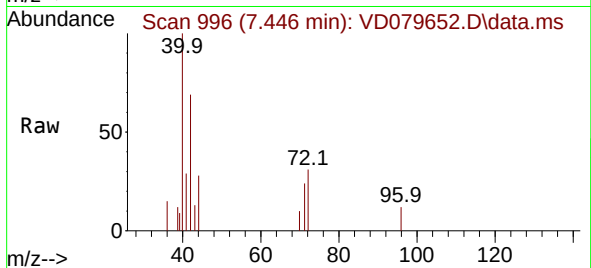
Acq: 07 Aug 2024 20:19

Instrument :

MSVOA_D

ClientSampleId :

S-849-GI-SO-10-10.5-072624

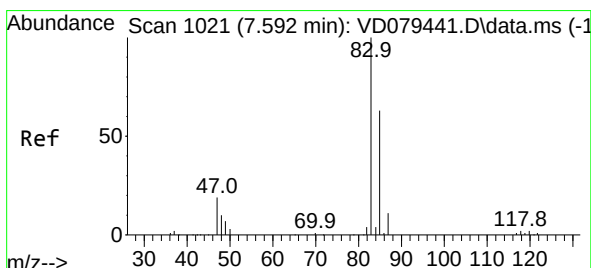
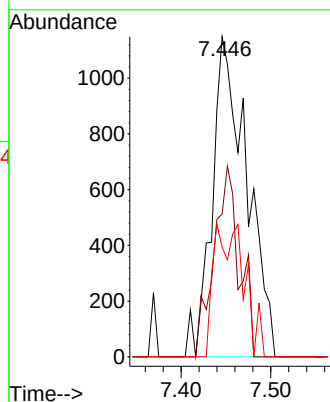


Tgt Ion:	42	Resp:	3084
Ion	Ratio	Lower	Upper
42	100		
72	43.6	49.4	74.0
71	17.3	45.0	67.6

Manual Integrations

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Supervised By :Semsettin Yesilyurt 08/09/2024



#30

Chloroform

Concen: 6.383 ug/l

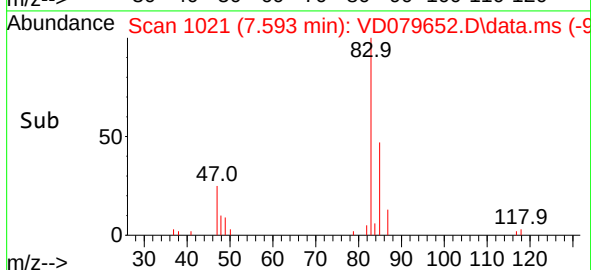
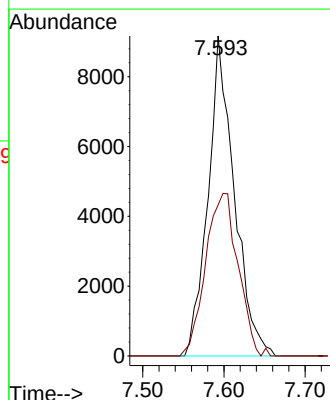
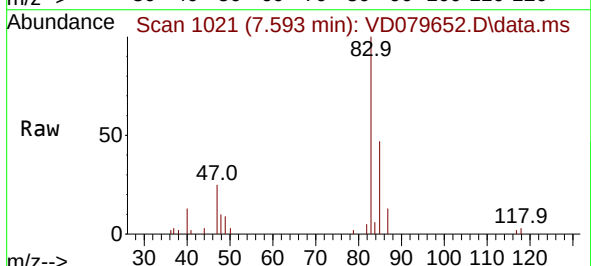
RT: 7.593 min Scan# 1021

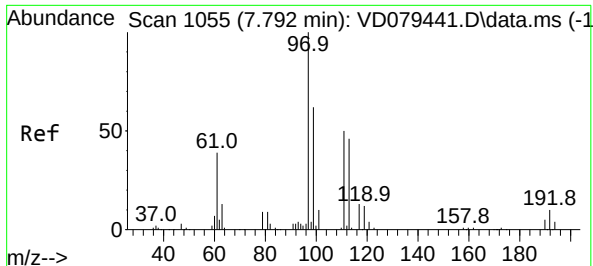
Delta R.T. -0.000 min

Lab File: VD079652.D

Acq: 07 Aug 2024 20:19

Tgt Ion:	83	Resp:	20588
Ion	Ratio	Lower	Upper
83	100		
85	47.2	51.8	77.6





#32

1,1,1-Trichloroethane

Concen: 2.856 ug/l

RT: 7.793 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VD079652.D

Acq: 07 Aug 2024 20:19

Instrument :

MSVOA_D

ClientSampleId :

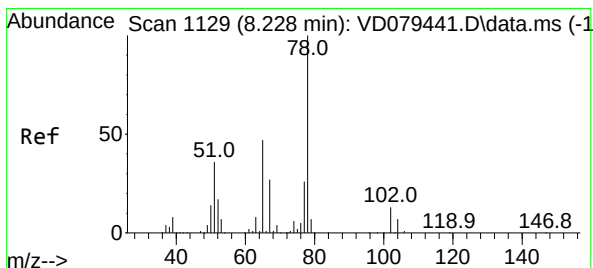
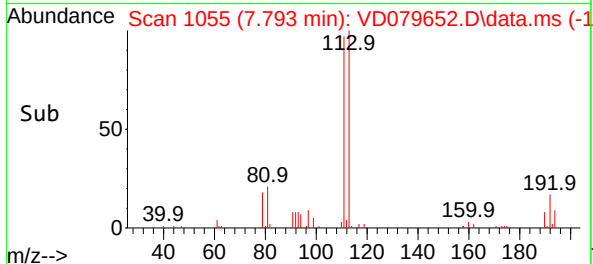
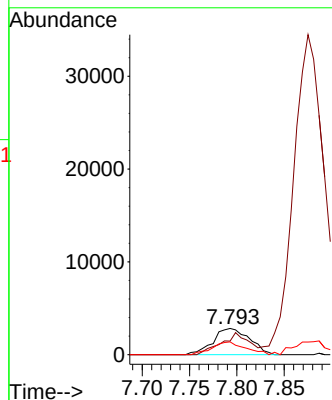
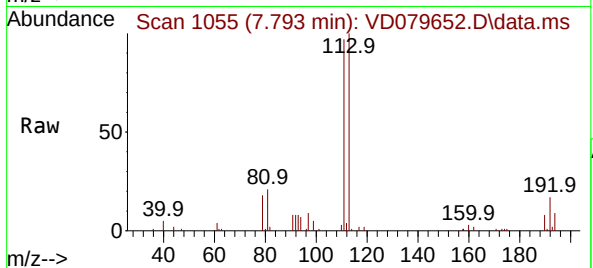
S-849-GI-SO-10-10.5-072624

Tgt Ion: 97	Resp: 7600
Ion Ratio	Lower Upper
97 100	
99 63.3	51.3 76.9
61 44.0	31.4 47.2

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Supervised By :Semsettin Yesilyurt 08/09/2024



#33

1,2-Dichloroethane-d4

Concen: 63.480 ug/l

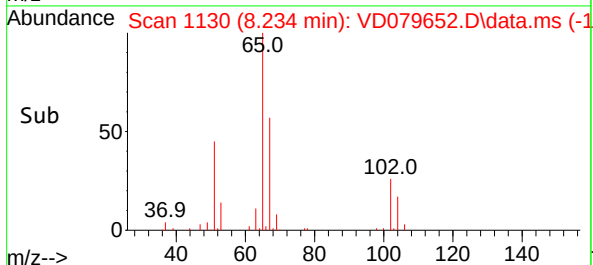
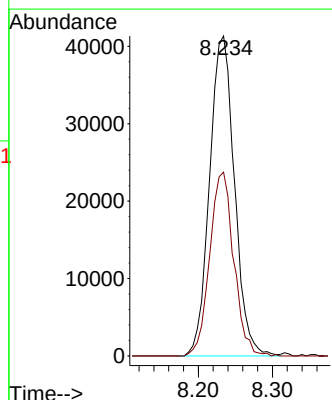
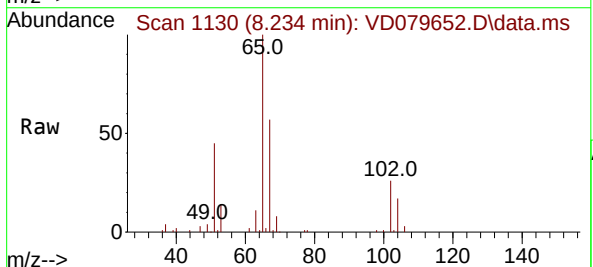
RT: 8.234 min Scan# 1130

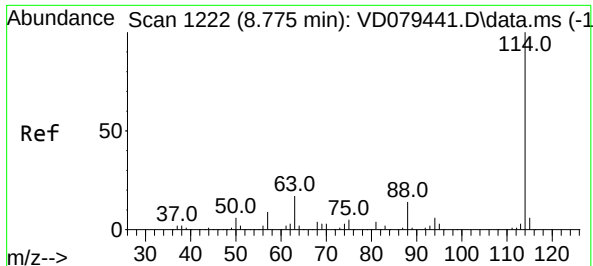
Delta R.T. 0.006 min

Lab File: VD079652.D

Acq: 07 Aug 2024 20:19

Tgt Ion: 65	Resp: 96546
Ion Ratio	Lower Upper
65 100	
67 55.4	0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079652.D

Acq: 07 Aug 2024 20:19

Instrument :

MSVOA_D

ClientSampleId :

S-849-GI-SO-10-10.5-072624

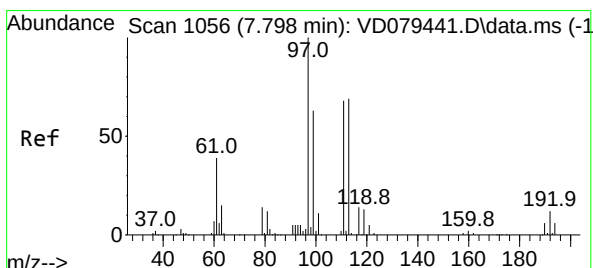
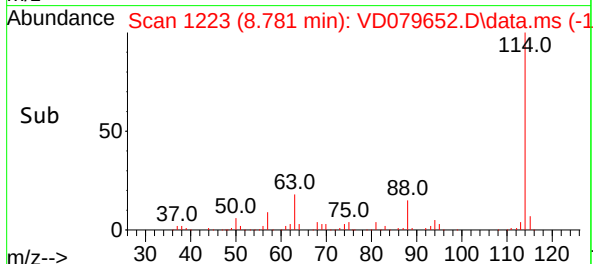
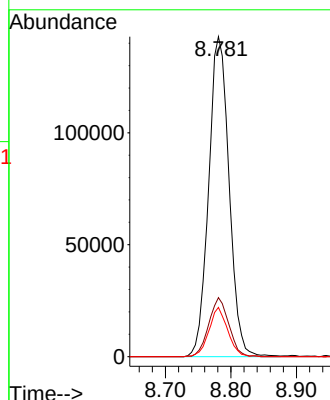
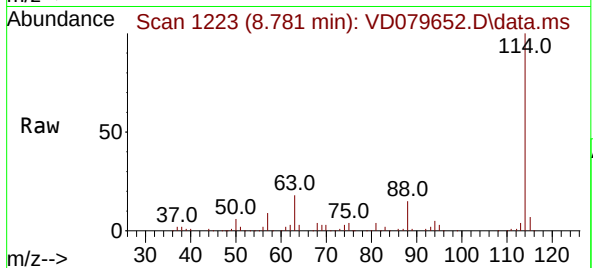
Tgt Ion:114 Resp: 30948

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	34.0
88	15.4	0.0	27.2

Manual Integrations

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Supervised By :Semsettin Yesilyurt 08/09/2024



#35

Dibromofluoromethane

Concen: 51.813 ug/l

RT: 7.805 min Scan# 1057

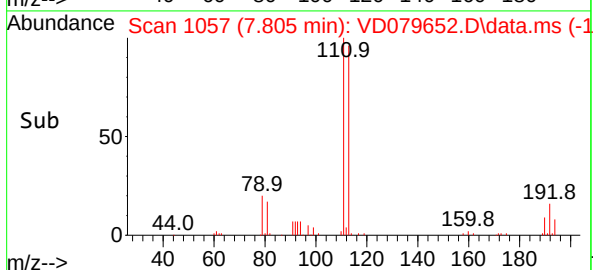
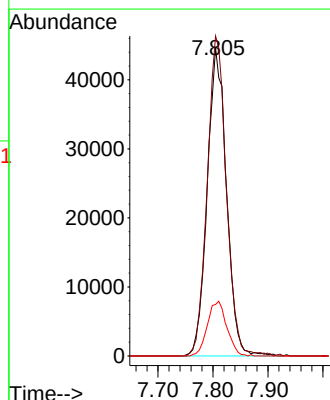
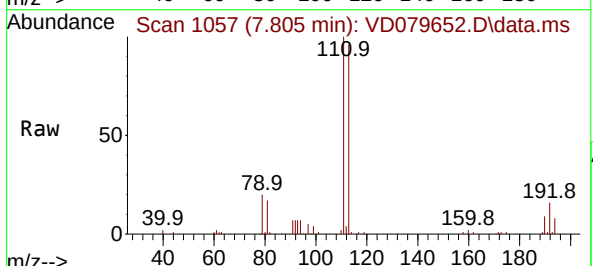
Delta R.T. -0.000 min

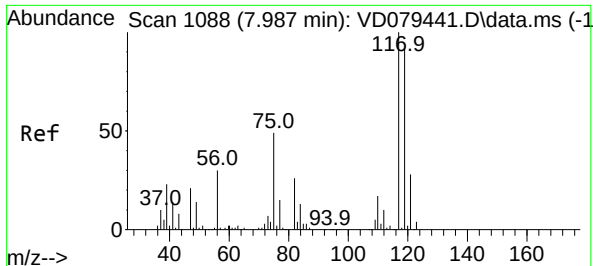
Lab File: VD079652.D

Acq: 07 Aug 2024 20:19

Tgt Ion:113 Resp: 108533

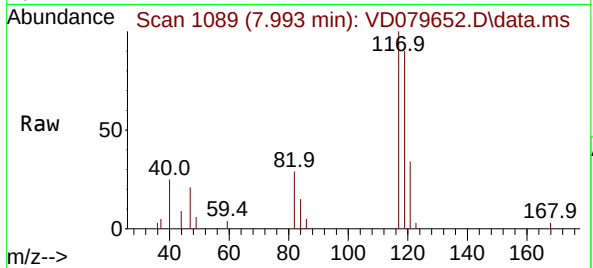
Ion	Ratio	Lower	Upper
113	100		
111	103.0	84.0	126.0
192	17.9	15.4	23.0





#38
Carbon Tetrachloride
Concen: 4.190 ug/l
RT: 7.993 min Scan# 1088
Delta R.T. 0.006 min
Lab File: VD079652.D
Acq: 07 Aug 2024 20:19

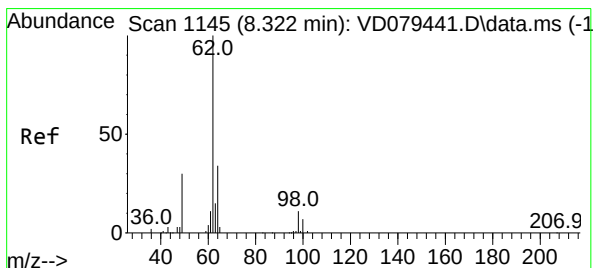
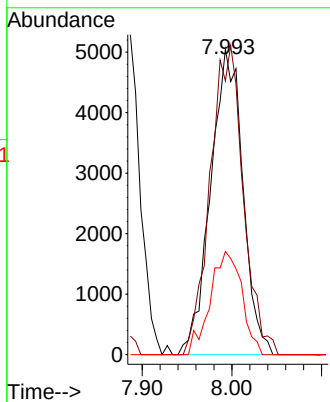
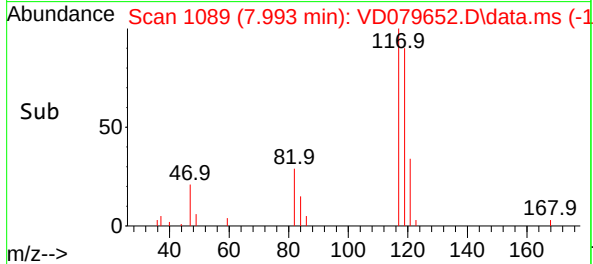
Instrument : MSVOA_D
ClientSampleId : S-849-GI-SO-10-10.5-072624



Tgt Ion: 117 Resp: 1259
Ion Ratio Lower Upper
117 100
119 89.6 75.4 113.0
121 33.8 25.0 37.4

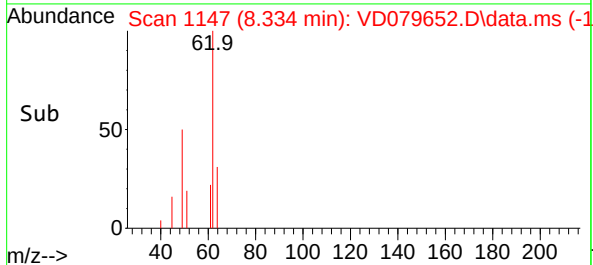
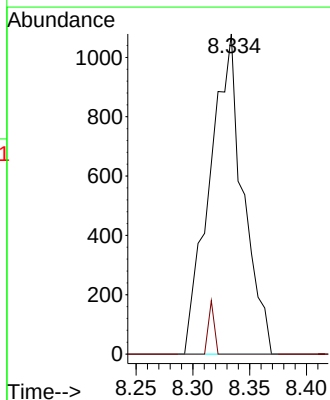
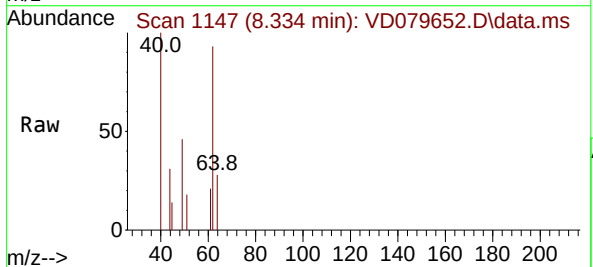
Manual Integrations
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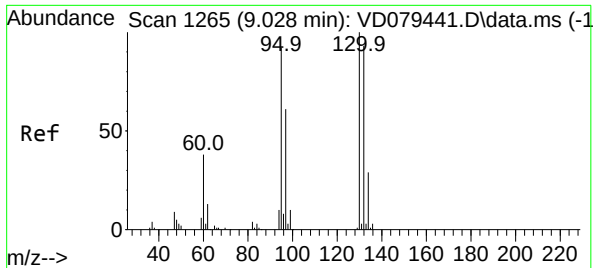
Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024



#42
1,2-Dichloroethane
Concen: 1.021 ug/l
RT: 8.334 min Scan# 1147
Delta R.T. 0.012 min
Lab File: VD079652.D
Acq: 07 Aug 2024 20:19

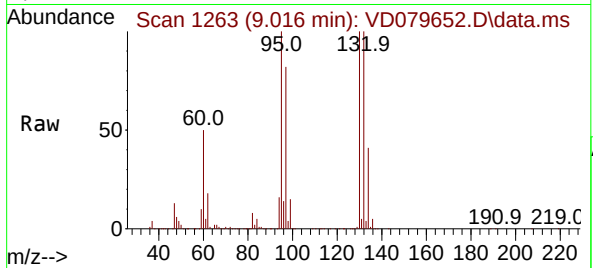
Tgt Ion: 62 Resp: 2209
Ion Ratio Lower Upper
62 100
98 2.9 0.0 25.8





#44
 Trichloroethene
 Concen: 18609.648 ug/l m
 RT: 9.016 min Scan# 1263
 Delta R.T. -0.012 min
 Lab File: VD079652.D
 Acq: 07 Aug 2024 20:19

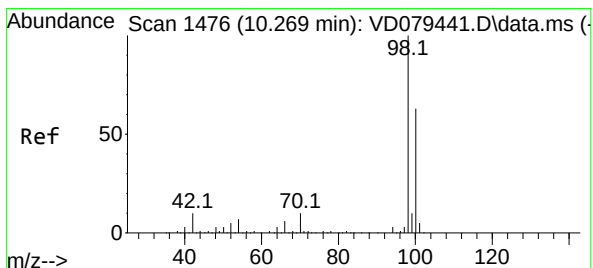
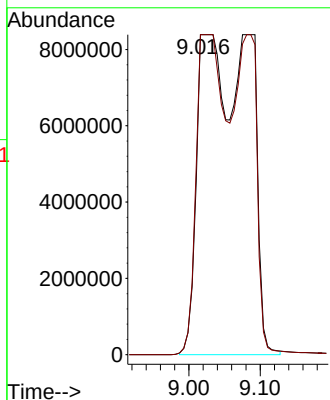
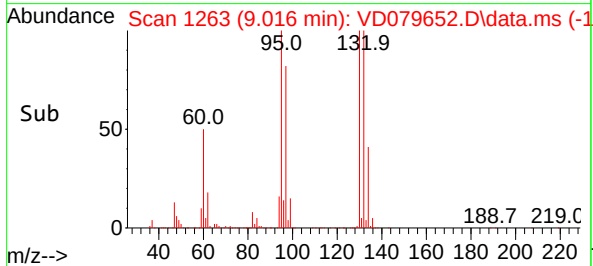
Instrument :
 MSVOA_D
 ClientSampleId :
 S-849-GI-SO-10-10.5-072624



Tgt Ion:130 Resp:4206785
 Ion Ratio Lower Upper
 130 100
 95 100.0 0.0 177.8

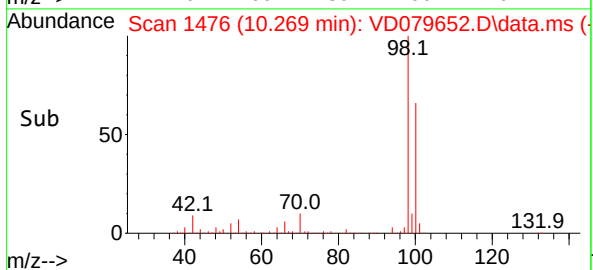
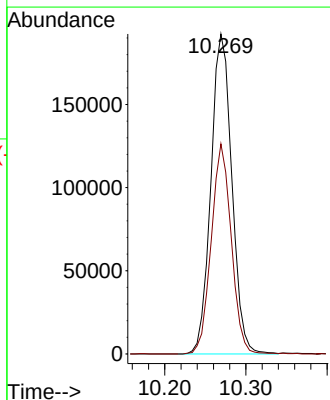
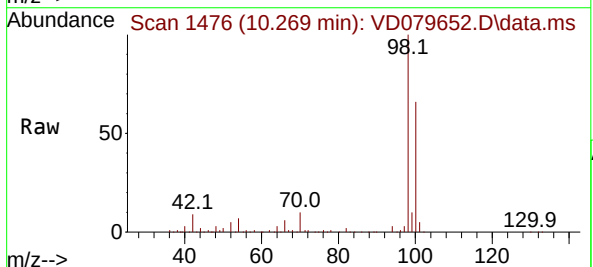
Manual Integrations
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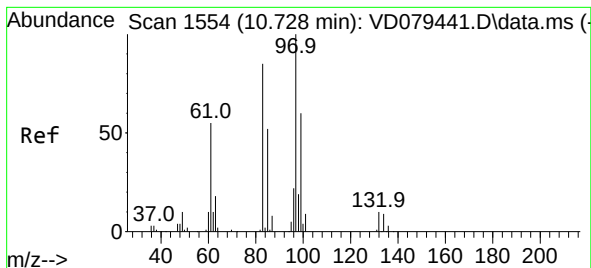
Reviewed By :Mahesh Dadoda 08/09/2024
 Supervised By :Semsettin Yesilyurt 08/09/2024



#50
 Toluene-d8
 Concen: 42.399 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. 0.006 min
 Lab File: VD079652.D
 Acq: 07 Aug 2024 20:19

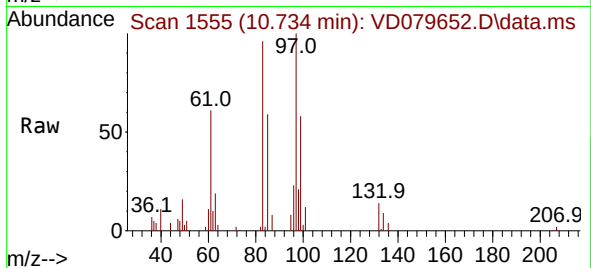
Tgt Ion: 98 Resp: 344893
 Ion Ratio Lower Upper
 98 100
 100 62.7 51.6 77.4





#55
1,1,2-Trichloroethane
Concen: 14.971 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VD079652.D
Acq: 07 Aug 2024 20:19

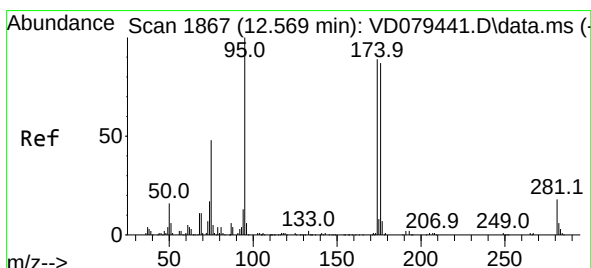
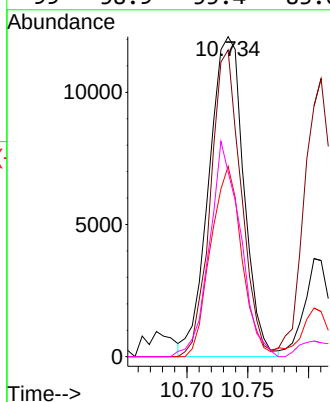
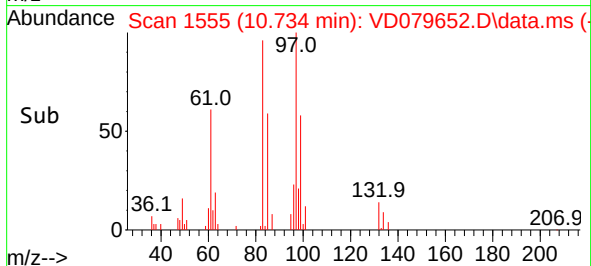
Instrument : MSVOA_D
ClientSampleId : S-849-GI-SO-10-10.5-072624



Tgt Ion	Ratio	Lower	Upper
97	100		
83	97.7	65.8	98.8
85	60.6	43.8	65.8
99	58.9	55.4	83.0

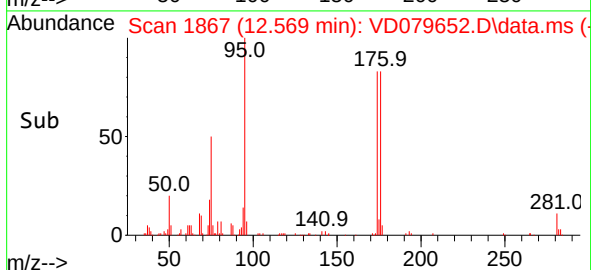
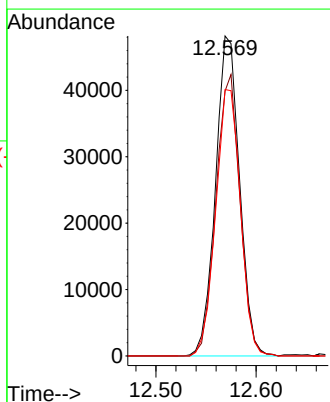
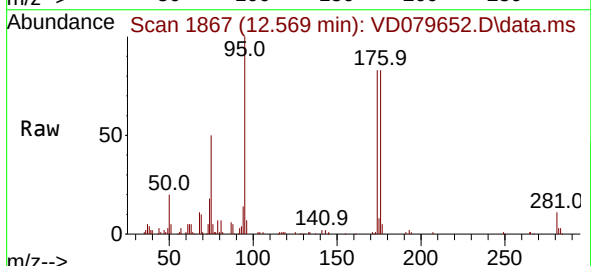
Manual Integrations
APPROVED

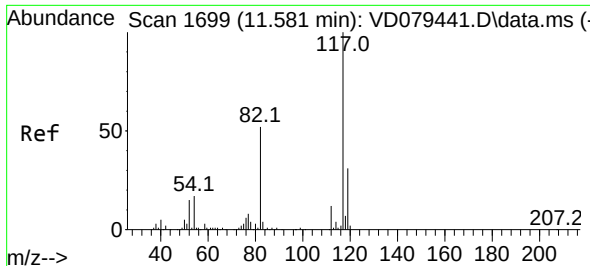
Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024



#62
4-Bromofluorobenzene
Concen: 34.094 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079652.D
Acq: 07 Aug 2024 20:19

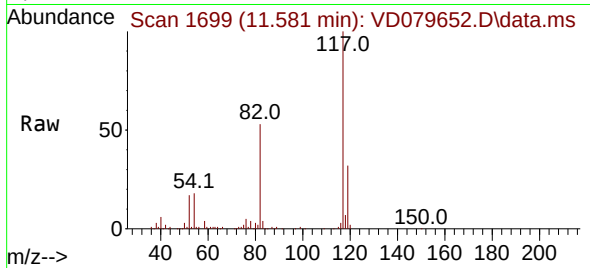
Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.9	0.0	195.4
176	85.6	0.0	192.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079652.D
Acq: 07 Aug 2024 20:19

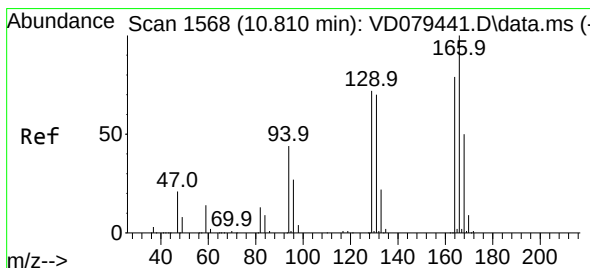
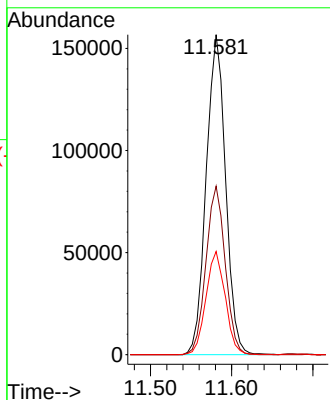
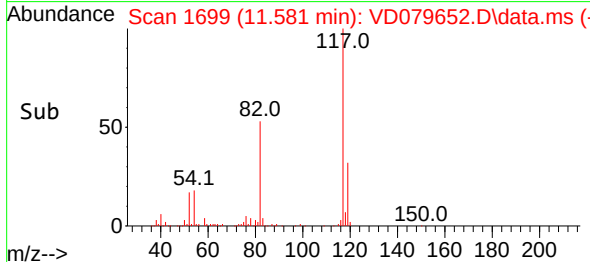
Instrument :
MSVOA_D
ClientSampleId :
S-849-GI-SO-10-10.5-072624



Tgt Ion:117 Resp: 259830
Ion Ratio Lower Upper
117 100
82 52.6 39.8 59.6
119 32.3 25.7 38.5

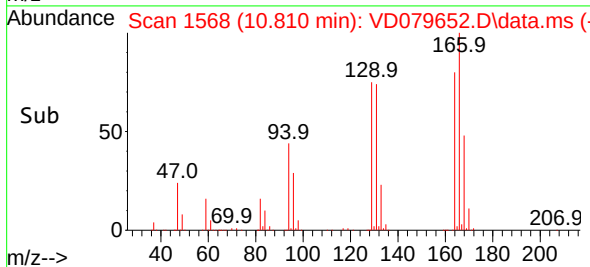
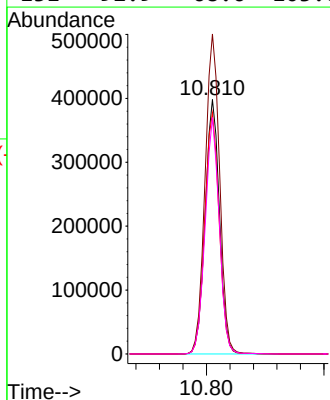
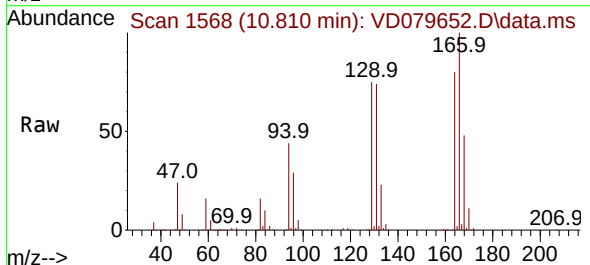
Manual Integrations
APPROVED

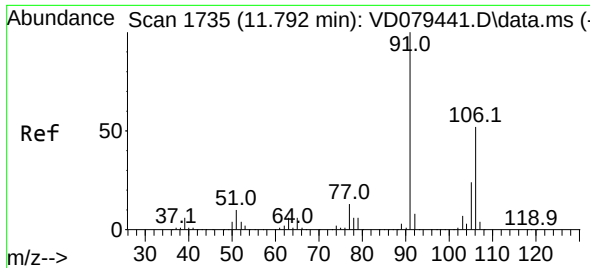
Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024



#64
Tetrachloroethene
Concen: 383.591 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD079652.D
Acq: 07 Aug 2024 20:19

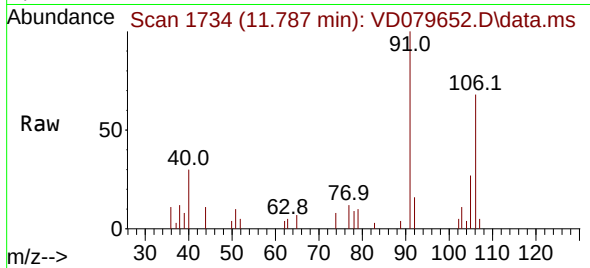
Tgt Ion:164 Resp: 672081
Ion Ratio Lower Upper
164 100
166 125.8 108.6 163.0
129 94.8 74.6 112.0
131 92.9 68.6 103.0





#68
m/p-Xylenes
Concen: 1.372 ug/l
RT: 11.787 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VD079652.D
Acq: 07 Aug 2024 20:19

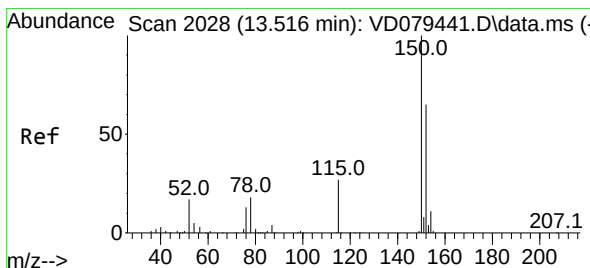
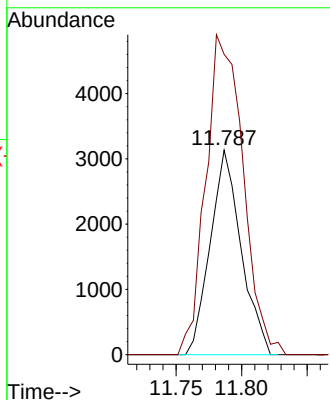
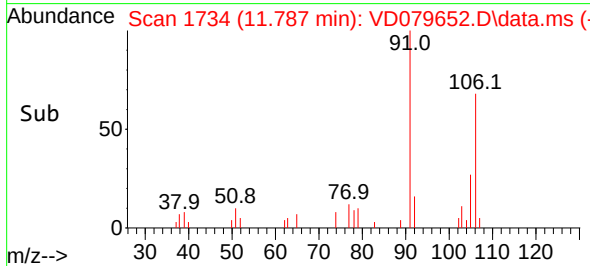
Instrument :
MSVOA_D
ClientSampleId :
S-849-GI-SO-10-10.5-072624



Tgt Ion:106 Resp: 5128
Ion Ratio Lower Upper
106 100
91 188.9 148.5 222.7

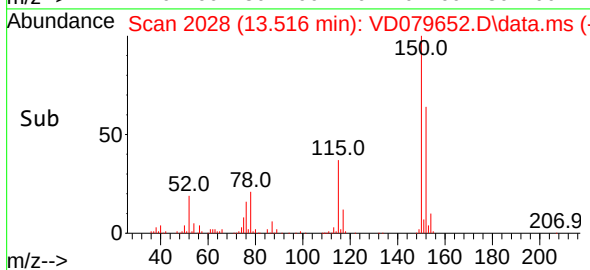
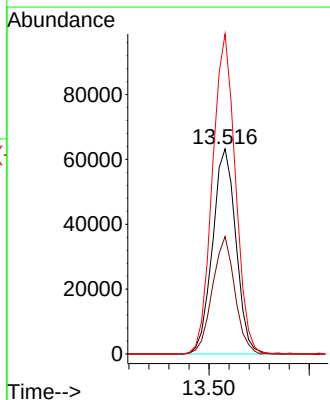
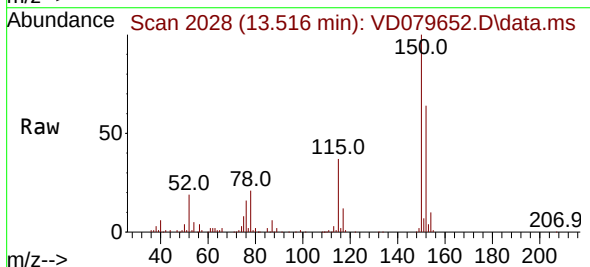
Manual Integrations
APPROVED

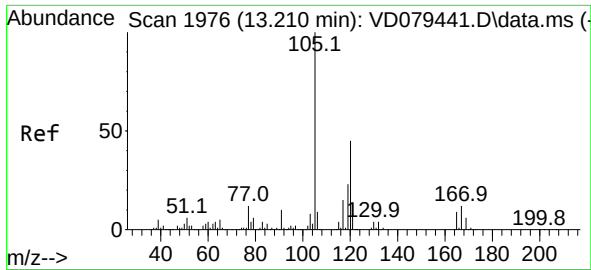
Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079652.D
Acq: 07 Aug 2024 20:19

Tgt Ion:152 Resp: 102135
Ion Ratio Lower Upper
152 100
115 55.0 26.5 79.5
150 153.5 0.0 341.6





#84

1,2,4-Trimethylbenzene

Concen: 3.623 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VD079652.D

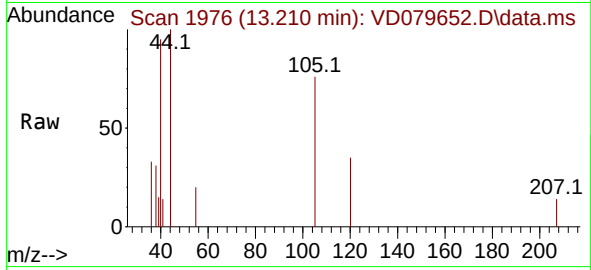
Acq: 07 Aug 2024 20:19

Instrument :

MSVOA_D

ClientSampleId :

S-849-GI-SO-10-10.5-072624



Tgt Ion:	105	Resp:	1338
Ion	Ratio	Lower	Upper
105	100		
120	48.5	23.6	71.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/09/2024

Supervised By :Semsettin Yesilyurt 08/09/2024

