

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080724\
 Data File : VD079661.D
 Acq On : 08 Aug 2024 01:45
 Operator : RP/MD
 Sample : P3393-18
 Misc : 7.84G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-849-GI-SO-12.5-13-072624

Quant Time: Aug 08 05:39:47 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	155135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	325846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	271708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	110977	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	97537	61.888	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.780%	
35) Dibromofluoromethane	7.804	113	111918	50.745	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.500%	
50) Toluene-d8	10.269	98	391274	45.685	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 91.360%	
62) 4-Bromofluorobenzene	12.575	95	92289	37.237	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 74.480%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.281	62	9400	3.530	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.969	101	1386141	827.561	ug/l	96
12) 1,1-Dichloroethene	3.952	96	9813	5.854	ug/l #	90
16) Acetone	4.022	43	73703	240.633	ug/l	98
21) trans-1,2-Dichloroethene	5.316	96	3162	1.679	ug/l #	80
27) cis-1,2-Dichloroethene	7.081	96	325229	151.104	ug/l	98
29) Tetrahydrofuran	7.457	42	8224	30.561	ug/l #	84
30) Chloroform	7.599	83	50560	15.128	ug/l	99
32) 1,1,1-Trichloroethane	7.799	97	10106	3.664	ug/l	96
38) Carbon Tetrachloride	7.993	117	3841	1.214	ug/l #	88
42) 1,2-Dichloroethane	8.328	62	4548	1.996	ug/l	94
44) Trichloroethene	9.022	130	43357405m	18216.882	ug/l	
55) 1,1,2-Trichloroethane	10.734	97	51409	30.255	ug/l	95
64) Tetrachloroethene	10.810	164	485042	264.742	ug/l	96
68) m/p-Xylenes	11.787	106	4276	1.094	ug/l	96
73) Isopropylbenzene	12.581	105	350	3.667	ug/l	80
75) 1,1,2,2-Tetrachloroethane	12.669	83	1719	1.192	ug/l #	95
84) 1,2,4-Trimethylbenzene	13.210	105	1311	3.604	ug/l	66

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

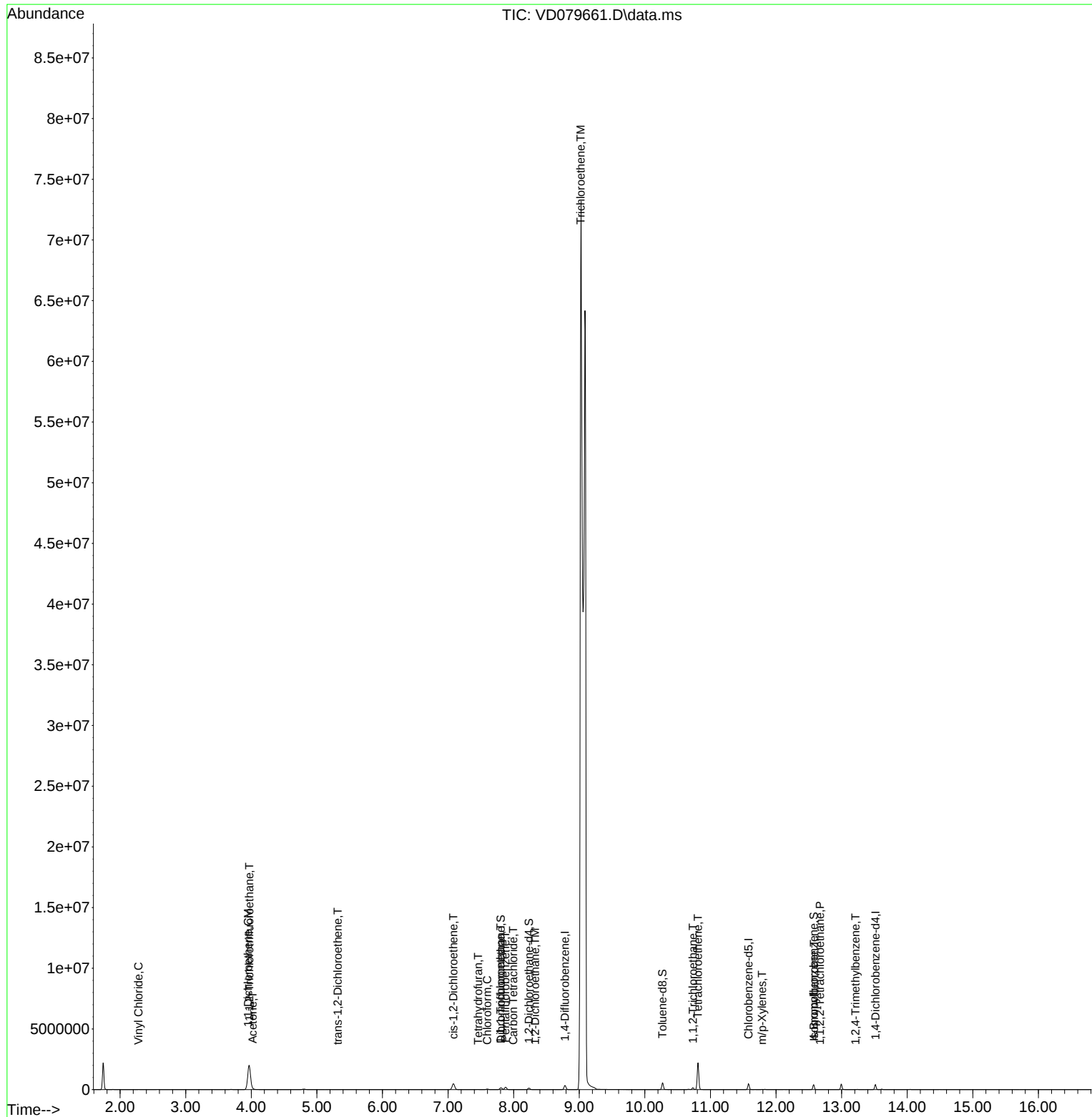
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080724\
Data File : VD079661.D
Acq On : 08 Aug 2024 01:45
Operator : RP/MD
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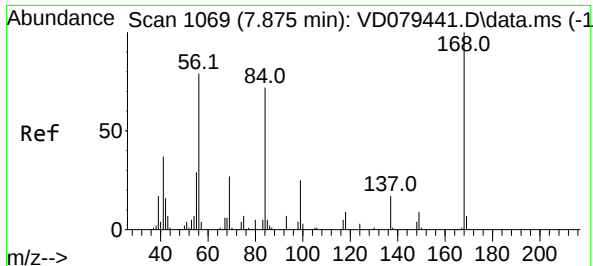
Instrument :
MSVOA_D
ClientSampleId :
S-849-GI-SO-12.5-13-072624

Quant Time: Aug 08 05:39:47 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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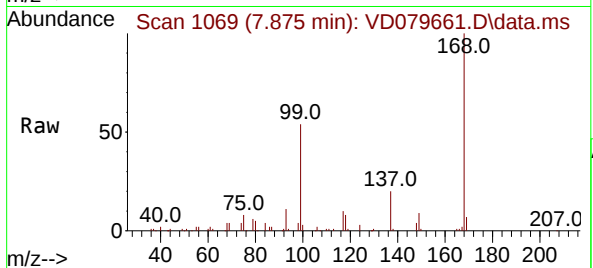
Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079661.D
Acq: 08 Aug 2024 01:45

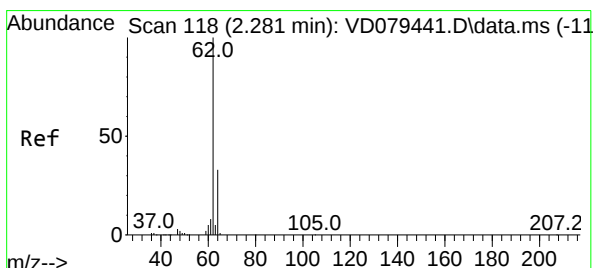
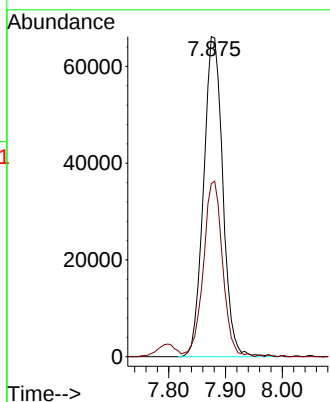
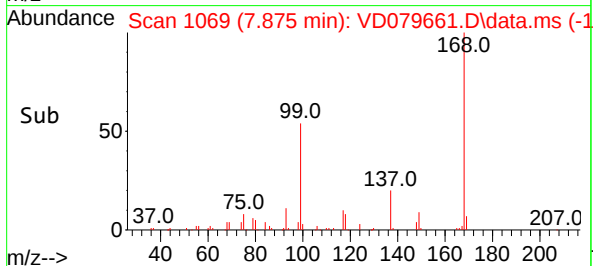
Instrument :
MSVOA_D
ClientSampleId :
S-849-GI-SO-12.5-13-072624



Tgt Ion:168 Resp: 15513
Ion Ratio Lower Upper
168 100
99 54.1 41.1 61.7

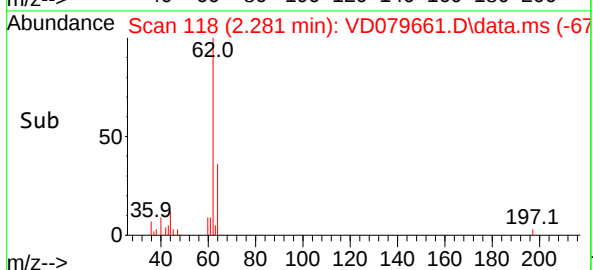
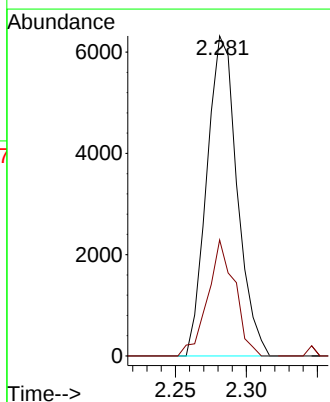
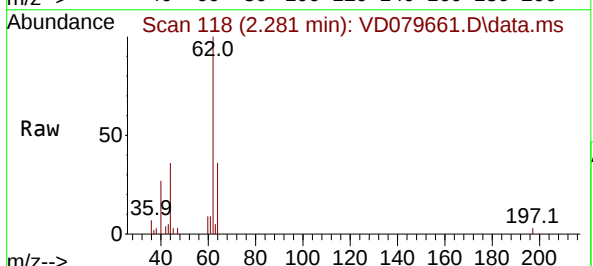
Manual Integrations
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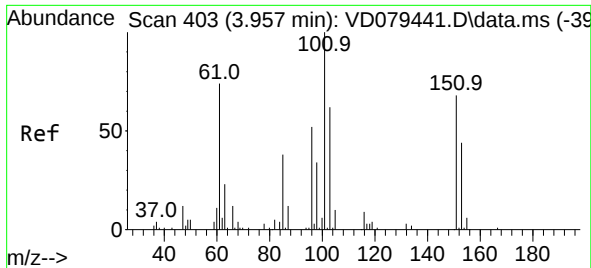
Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024



#4
Vinyl Chloride
Concen: 3.530 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD079661.D
Acq: 08 Aug 2024 01:45

Tgt Ion: 62 Resp: 9400
Ion Ratio Lower Upper
62 100
64 36.3 26.3 39.5





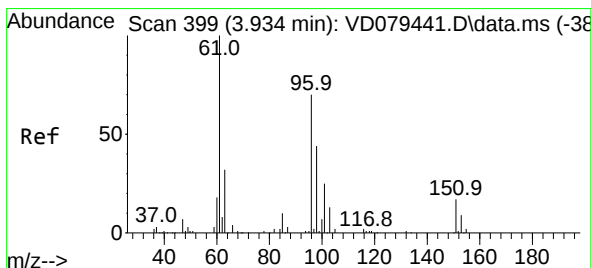
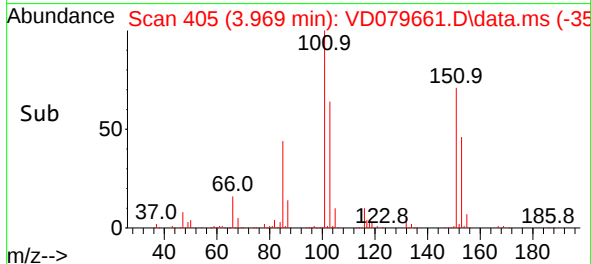
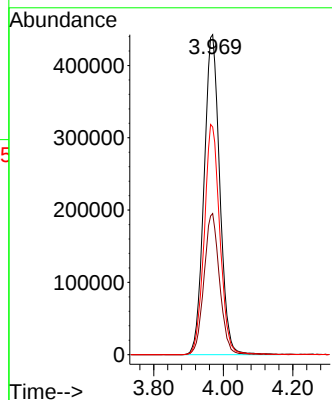
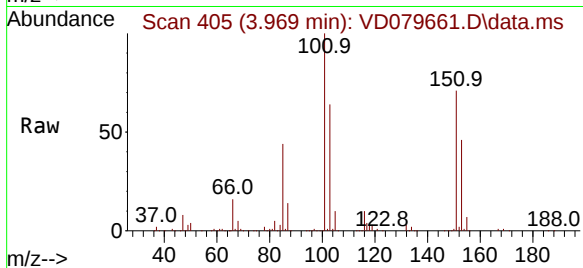
#9
1,1,2-Trichlorotrifluoroethane
Concen: 827.561 ug/l
RT: 3.969 min Scan# 403
Delta R.T. 0.006 min
Lab File: VD079661.D
Acq: 08 Aug 2024 01:45

Instrument :
MSVOA_D
ClientSampleId :
S-849-GI-SO-12.5-13-072624

Tgt Ion:101 Resp: 138614
Ion Ratio Lower Upper
101 100
85 43.7 33.5 50.3
151 71.3 60.3 90.5

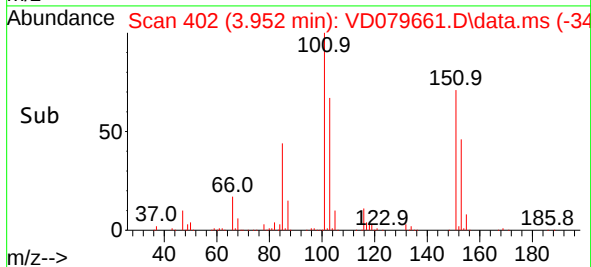
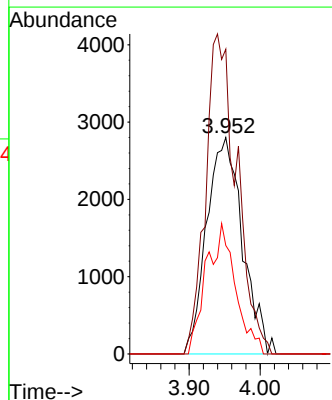
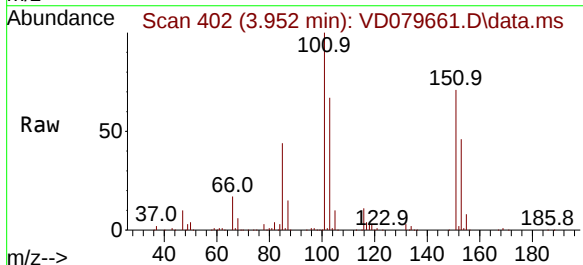
Manual Integrations
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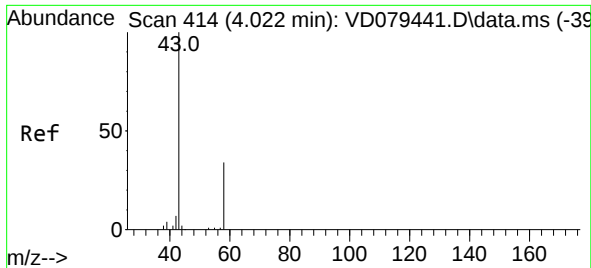
Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024



#12
1,1-Dichloroethene
Concen: 5.854 ug/l
RT: 3.952 min Scan# 402
Delta R.T. 0.023 min
Lab File: VD079661.D
Acq: 08 Aug 2024 01:45

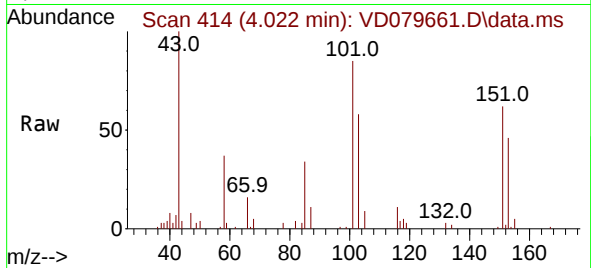
Tgt Ion: 96 Resp: 9813
Ion Ratio Lower Upper
96 100
61 140.8 107.3 160.9
98 50.1 51.7 77.5#





#16
Acetone
Concen: 240.633 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD079661.D
Acq: 08 Aug 2024 01:45

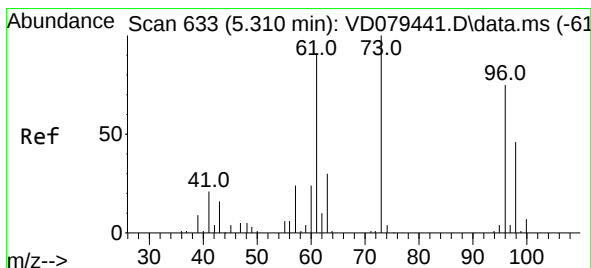
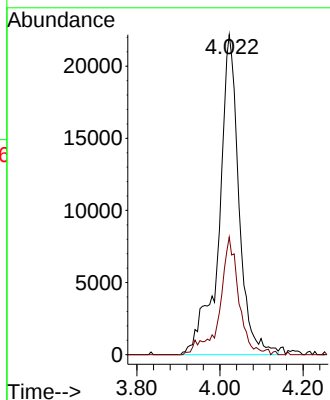
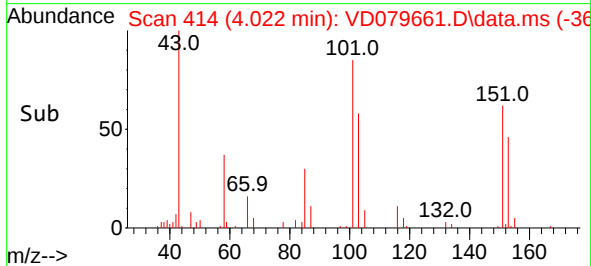
Instrument :
MSVOA_D
ClientSampleId :
S-849-GI-SO-12.5-13-072624



Tgt Ion: 43 Resp: 7370
Ion Ratio Lower Upper
43 100
58 36.8 30.4 45.6

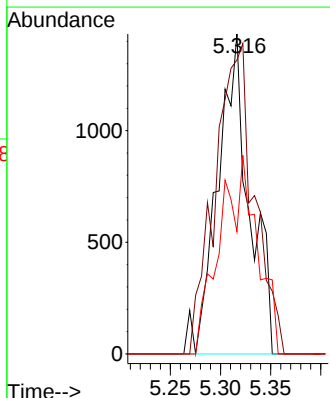
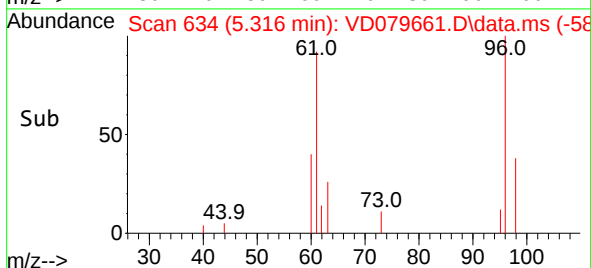
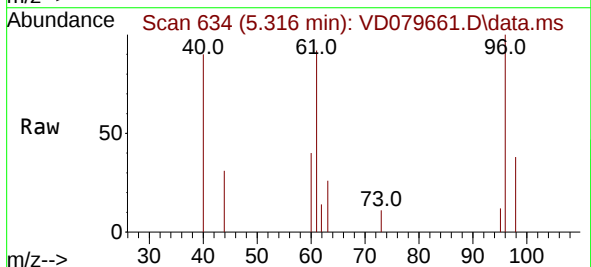
Manual Integrations
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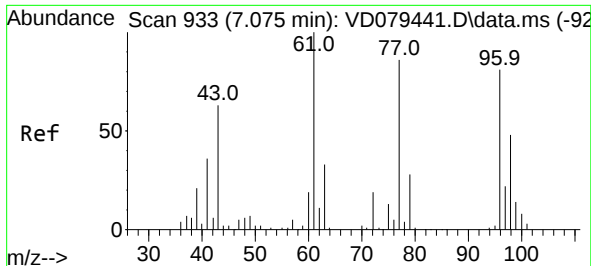
Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024



#21
trans-1,2-Dichloroethene
Concen: 1.679 ug/l
RT: 5.316 min Scan# 634
Delta R.T. 0.006 min
Lab File: VD079661.D
Acq: 08 Aug 2024 01:45

Tgt Ion: 96 Resp: 3162
Ion Ratio Lower Upper
96 100
61 91.8 84.5 126.7
98 38.2 50.5 75.7#





#27

cis-1,2-Dichloroethene

Concen: 151.104 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD079661.D

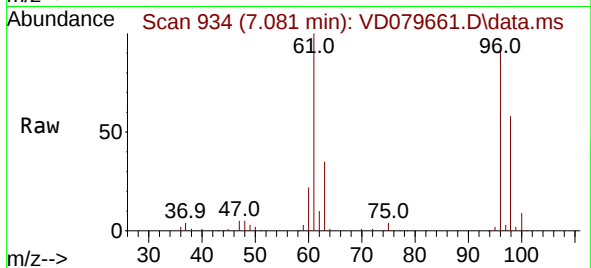
Acq: 08 Aug 2024 01:45

Instrument :

MSVOA_D

ClientSampleId :

S-849-GI-SO-12.5-13-072624



Tgt Ion: 96 Resp: 325229

Ion Ratio Lower Upper

96 100

61 118.0 0.0 229.0

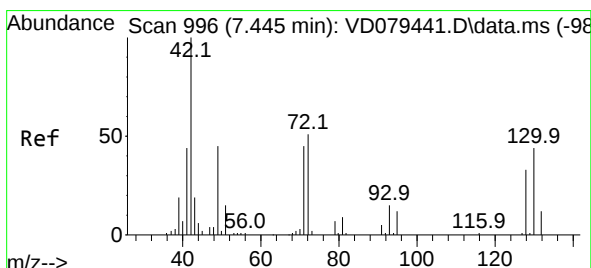
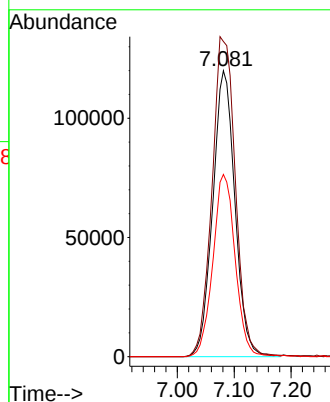
98 64.0 0.0 127.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/09/2024

Supervised By :Semsettin Yesilyurt 08/09/2024



#29

Tetrahydrofuran

Concen: 30.561 ug/l

RT: 7.457 min Scan# 998

Delta R.T. 0.012 min

Lab File: VD079661.D

Acq: 08 Aug 2024 01:45

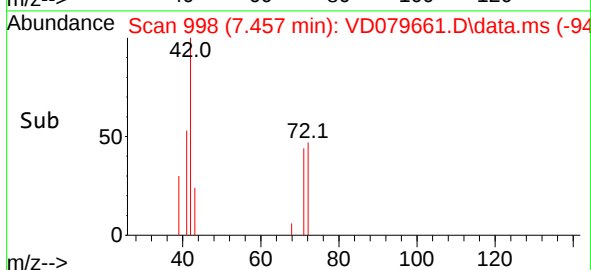
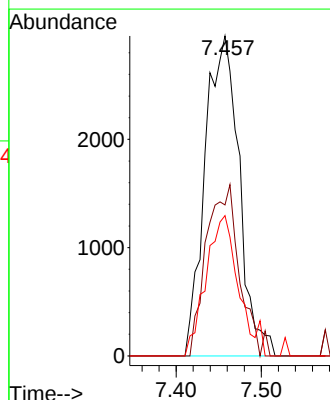
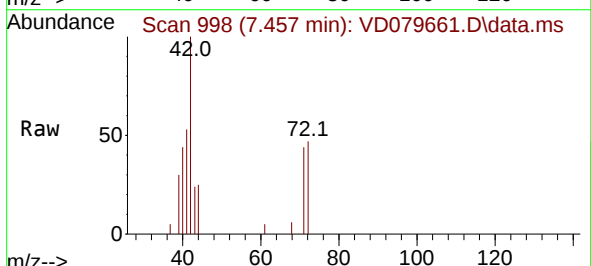
Tgt Ion: 42 Resp: 8224

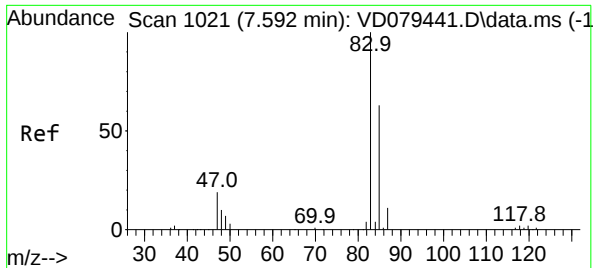
Ion Ratio Lower Upper

42 100

72 51.7 49.4 74.0

71 41.8 45.0 67.6#





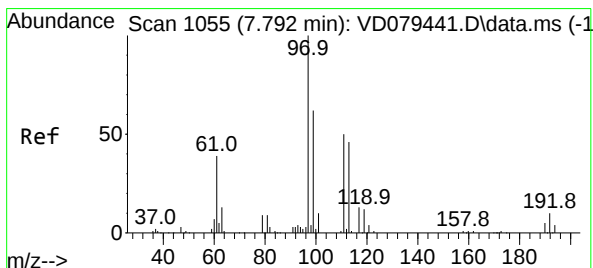
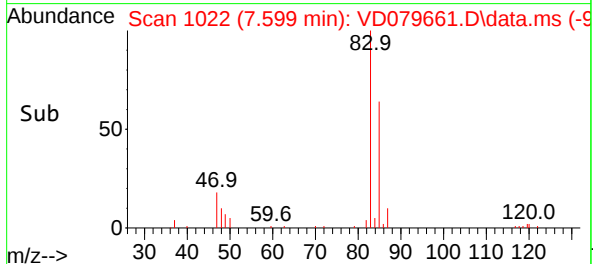
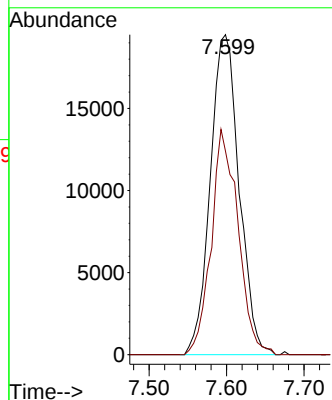
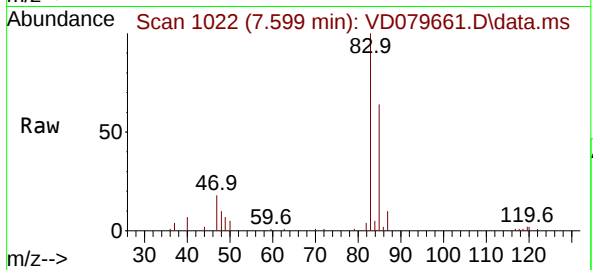
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Chloroform
Concen: 15.128 ug/l
RT: 7.599 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD079661.D
Acq: 08 Aug 2024 01:45

Instrument :
MSVOA_D
ClientSampleId :
S-849-GI-SO-12.5-13-072624

Tgt Ion: 83 Resp: 50560
Ion Ratio Lower Upper
83 100
85 63.6 51.8 77.6

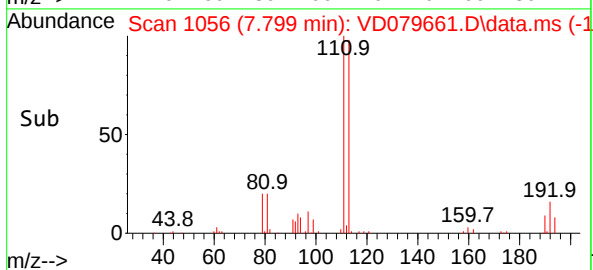
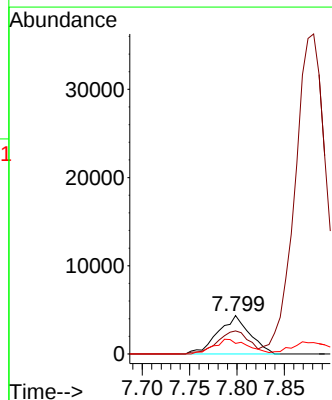
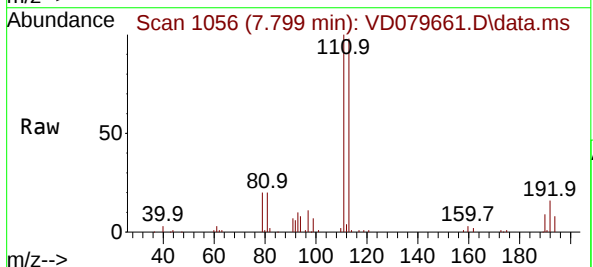
Manual Integrations
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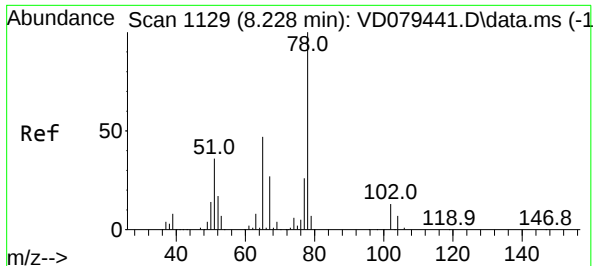
Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024



#32
1,1,1-Trichloroethane
Concen: 3.664 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD079661.D
Acq: 08 Aug 2024 01:45

Tgt Ion: 97 Resp: 10106
Ion Ratio Lower Upper
97 100
99 59.3 51.3 76.9
61 40.3 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 61.888 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD079661.D

Acq: 08 Aug 2024 01:45

Instrument :

MSVOA_D

ClientSampleId :

S-849-GI-SO-12.5-13-072624

Tgt Ion: 65 Resp: 9753

Ion Ratio Lower Upper

65 100

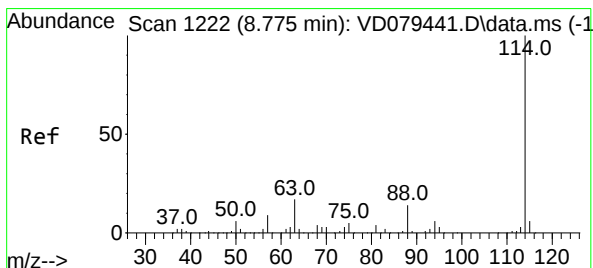
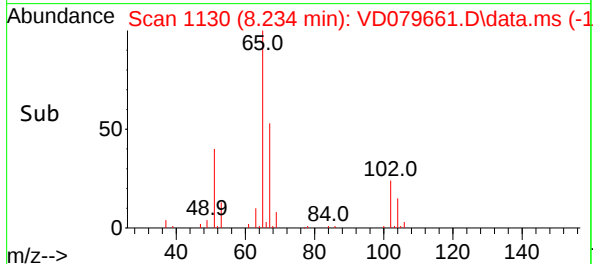
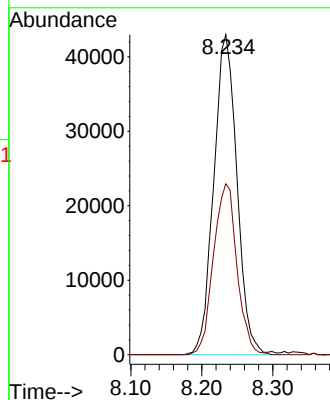
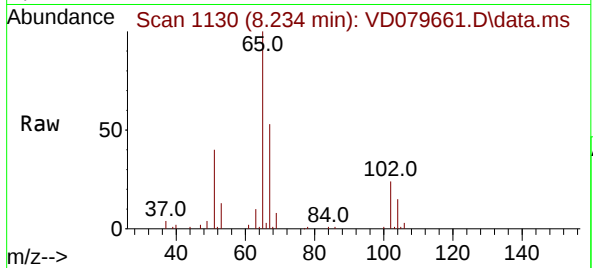
67 53.9 0.0 111.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/09/2024

Supervised By :Semsettin Yesilyurt 08/09/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD079661.D

Acq: 08 Aug 2024 01:45

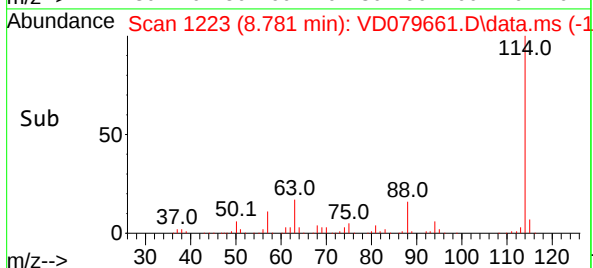
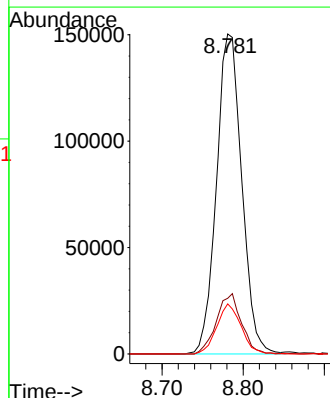
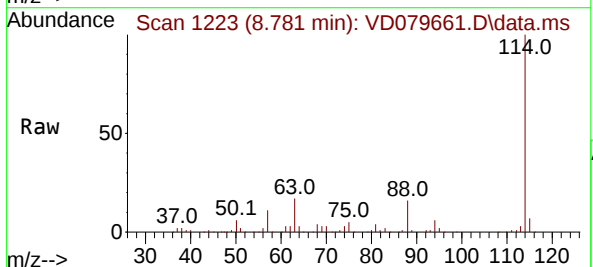
Tgt Ion:114 Resp: 325846

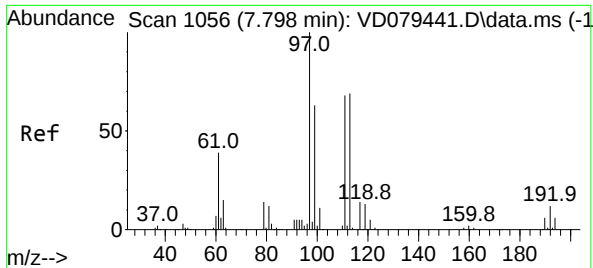
Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.0

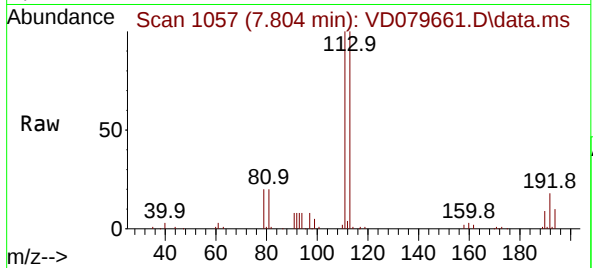
88 15.7 0.0 27.2





#35
Dibromofluoromethane
Concen: 50.745 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD079661.D
Acq: 08 Aug 2024 01:45

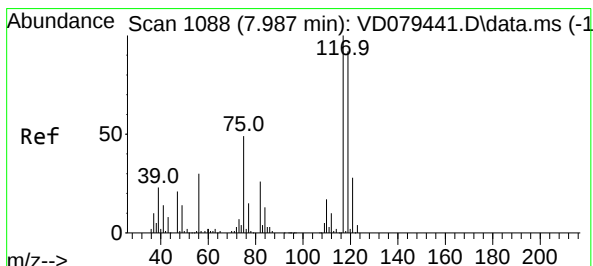
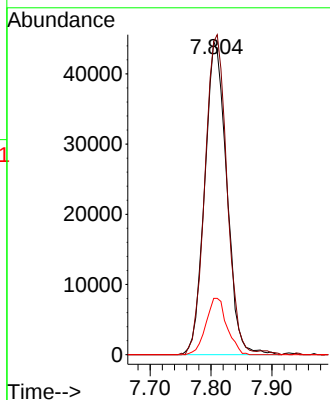
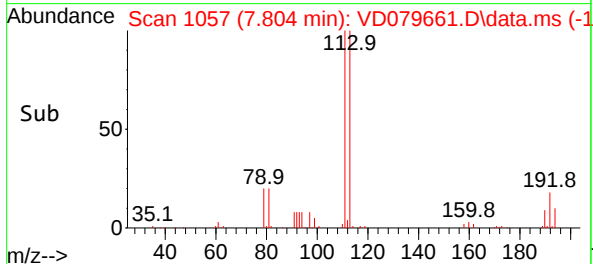
Instrument : MSVOA_D
ClientSampleId : S-849-GI-SO-12.5-13-072624



Tgt Ion:113 Resp: 111918
Ion Ratio Lower Upper
113 100
111 101.9 84.0 126.0
192 17.2 15.4 23.0

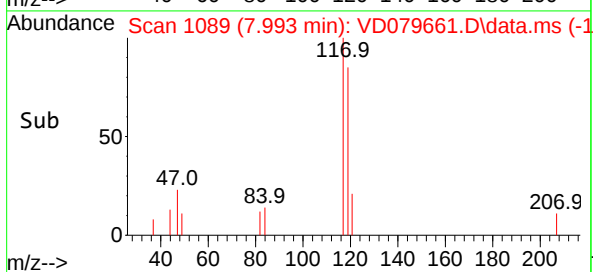
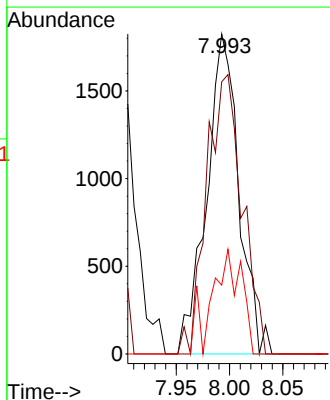
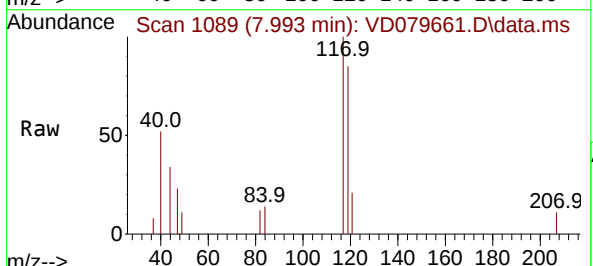
Manual Integrations
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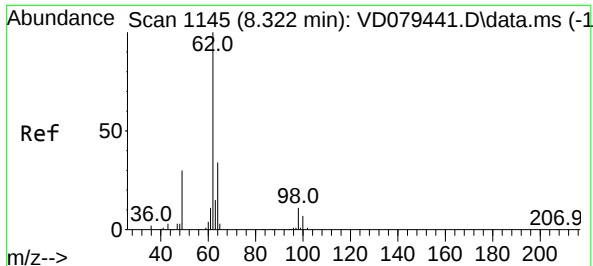
Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024



#38
Carbon Tetrachloride
Concen: 1.214 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD079661.D
Acq: 08 Aug 2024 01:45

Tgt Ion:117 Resp: 3841
Ion Ratio Lower Upper
117 100
119 85.0 75.4 113.0
121 21.5 25.0 37.4





#42

1,2-Dichloroethane

Concen: 1.996 ug/l

RT: 8.328 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VD079661.D

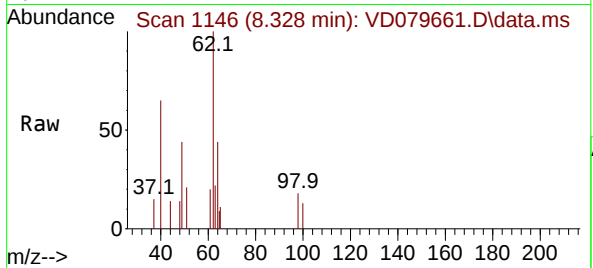
Acq: 08 Aug 2024 01:45

Instrument :

MSVOA_D

ClientSampleId :

S-849-GI-SO-12.5-13-072624



Tgt Ion: 62 Resp: 454

Ion Ratio Lower Upper

62 100

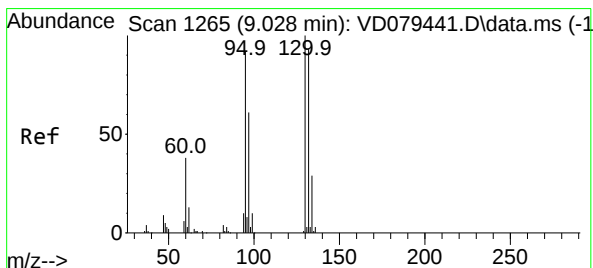
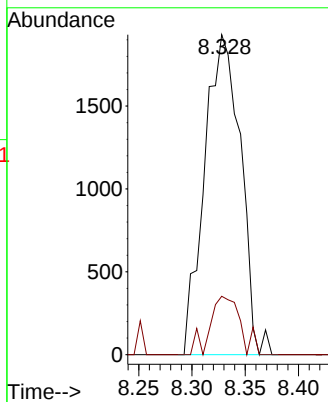
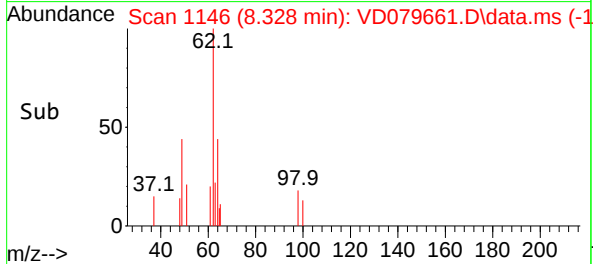
98 15.3 0.0 25.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/09/2024

Supervised By :Semsettin Yesilyurt 08/09/2024



#44

Trichloroethene

Concen: 18216.882 ug/l m

RT: 9.022 min Scan# 1264

Delta R.T. -0.006 min

Lab File: VD079661.D

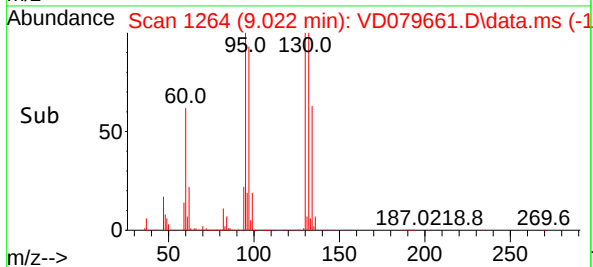
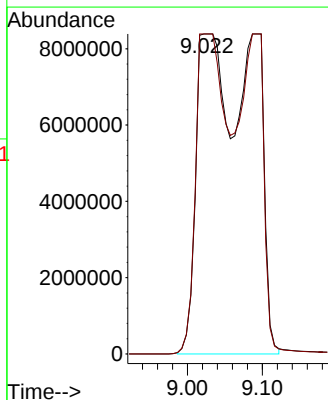
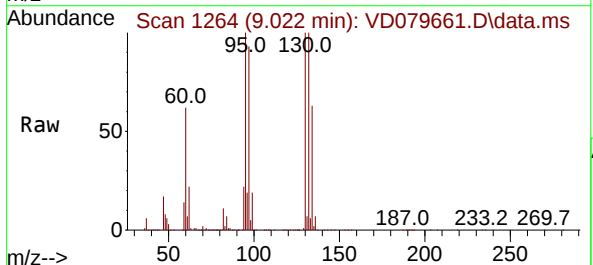
Acq: 08 Aug 2024 01:45

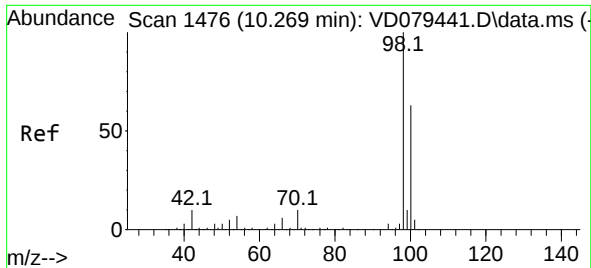
Tgt Ion:130 Resp:43357405

Ion Ratio Lower Upper

130 100

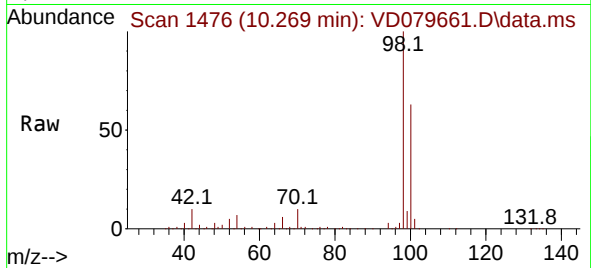
95 100.0 0.0 177.8





#50
Toluene-d8
Concen: 45.685 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079661.D
Acq: 08 Aug 2024 01:45

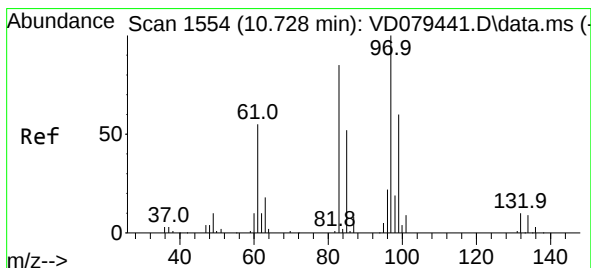
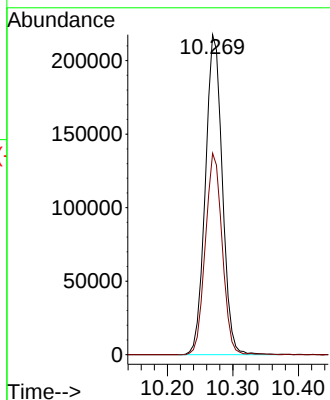
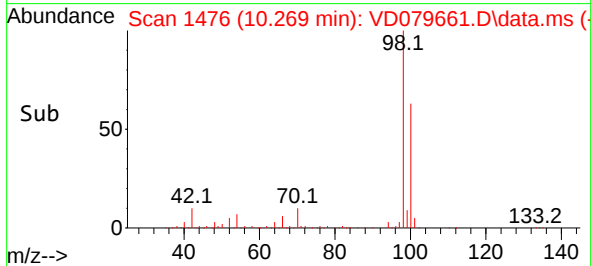
Instrument :
MSVOA_D
ClientSampleId :
S-849-GI-SO-12.5-13-072624



Tgt Ion: 98 Resp: 391274
Ion Ratio Lower Upper
98 100
100 62.6 51.6 77.4

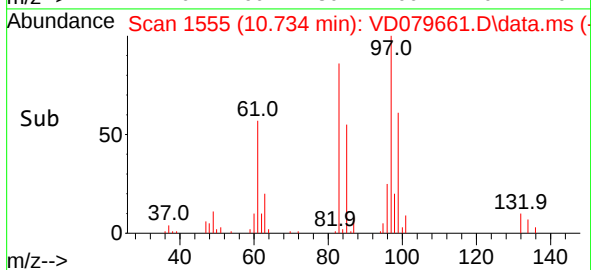
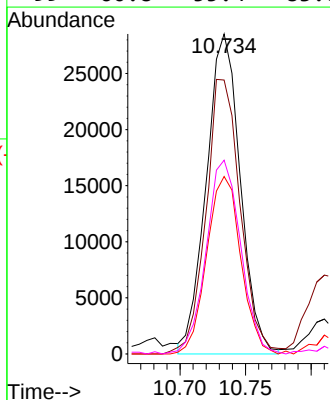
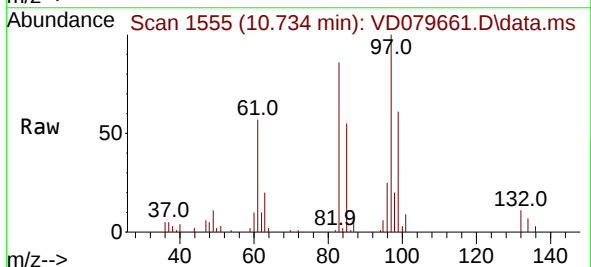
Manual Integrations
APPROVED

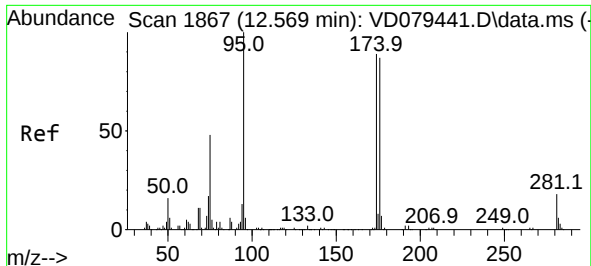
Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024



#55
1,1,2-Trichloroethane
Concen: 30.255 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VD079661.D
Acq: 08 Aug 2024 01:45

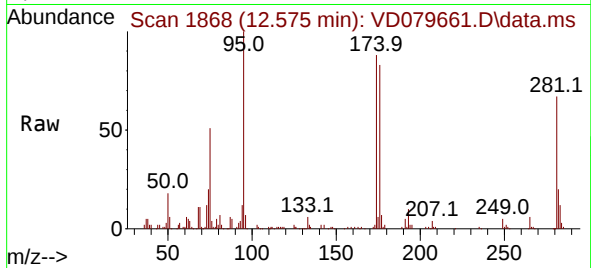
Tgt Ion: 97 Resp: 51409
Ion Ratio Lower Upper
97 100
83 85.0 65.8 98.8
85 56.2 43.8 65.8
99 60.8 55.4 83.0





#62
4-Bromofluorobenzene
Concen: 37.237 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD079661.D
Acq: 08 Aug 2024 01:45

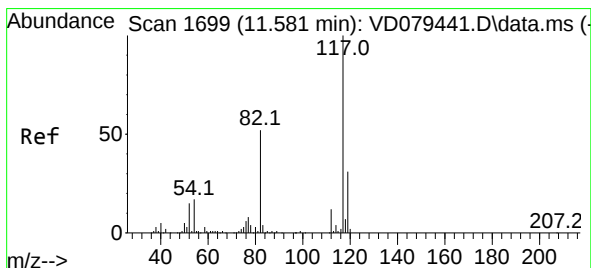
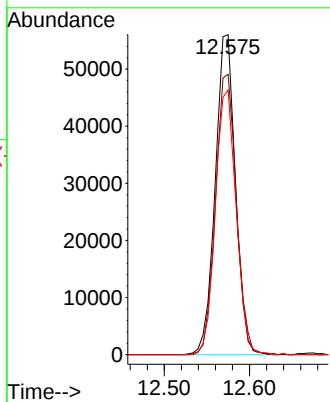
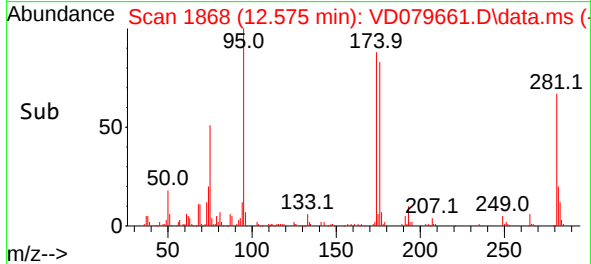
Instrument :
MSVOA_D
ClientSampleId :
S-849-GI-SO-12.5-13-072624



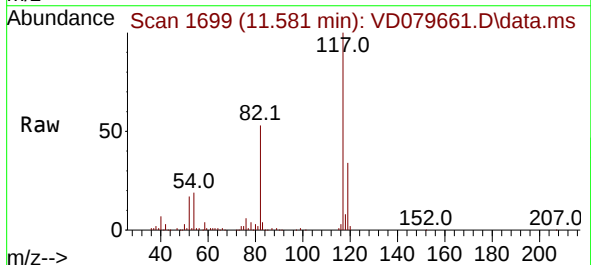
Tgt Ion: 95 Resp: 92289
Ion Ratio Lower Upper
95 100
174 90.6 0.0 195.4
176 84.9 0.0 192.6

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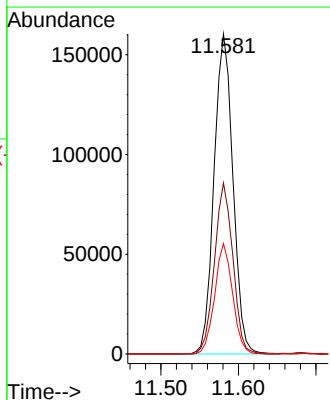
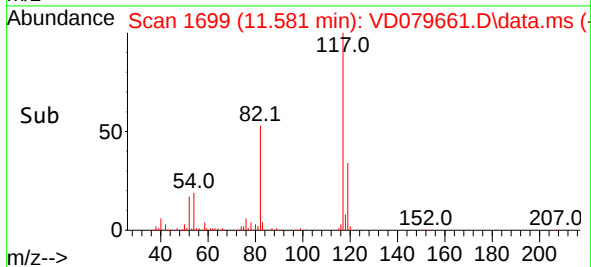
Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024

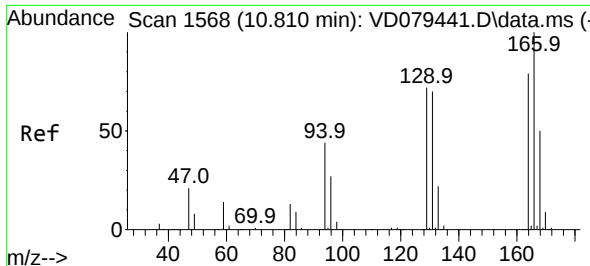


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079661.D
Acq: 08 Aug 2024 01:45



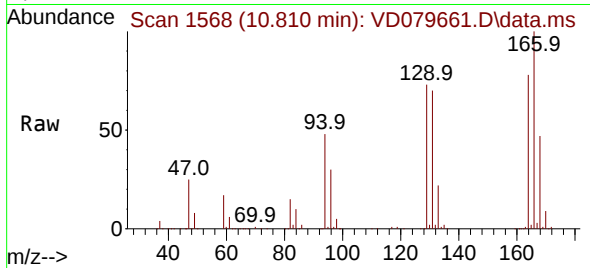
Tgt Ion:117 Resp: 271708
Ion Ratio Lower Upper
117 100
82 53.4 39.8 59.6
119 34.5 25.7 38.5





#64
Tetrachloroethene
Concen: 264.742 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD079661.D
Acq: 08 Aug 2024 01:45

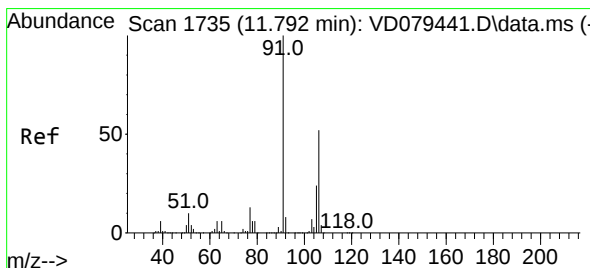
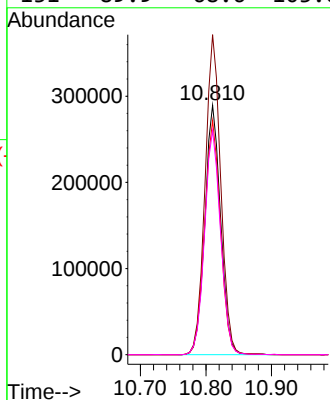
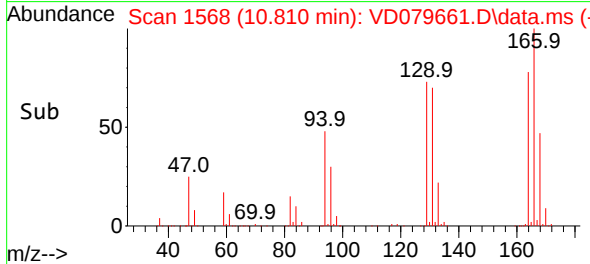
Instrument :
MSVOA_D
ClientSampleId :
S-849-GI-SO-12.5-13-072624



Tgt Ion:164 Resp: 48504
Ion Ratio Lower Upper
164 100
166 128.3 108.6 163.0
129 93.9 74.6 112.0
131 89.9 68.6 103.0

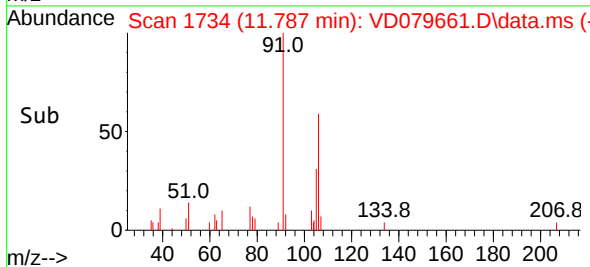
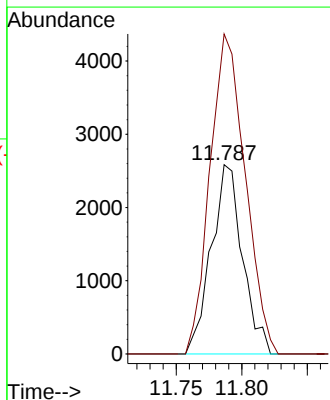
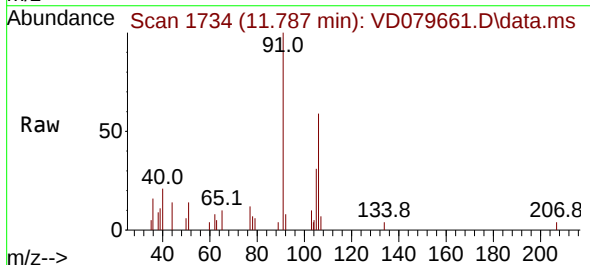
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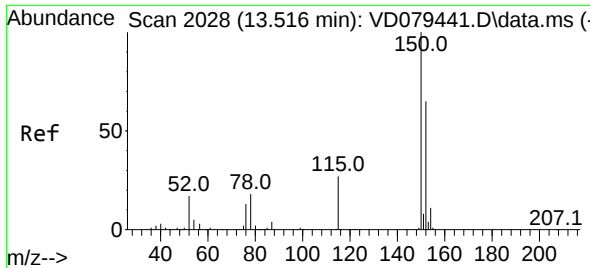
Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024



#68
m/p-Xylenes
Concen: 1.094 ug/l
RT: 11.787 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD079661.D
Acq: 08 Aug 2024 01:45

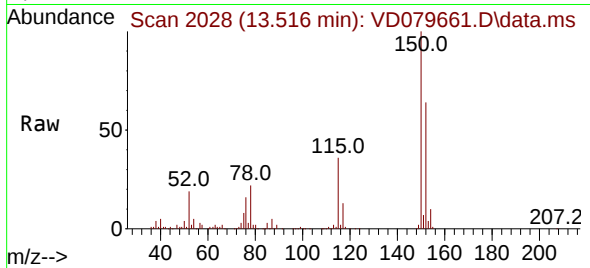
Tgt Ion:106 Resp: 4276
Ion Ratio Lower Upper
106 100
91 191.0 148.5 222.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079661.D
Acq: 08 Aug 2024 01:45

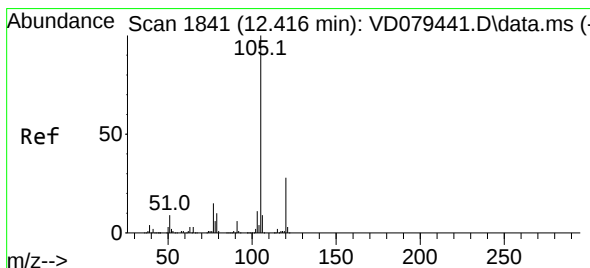
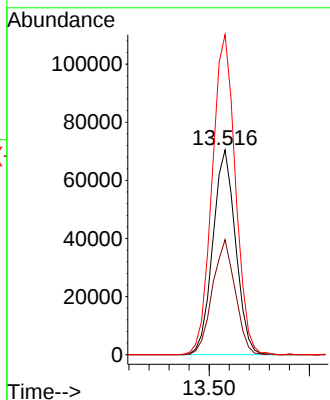
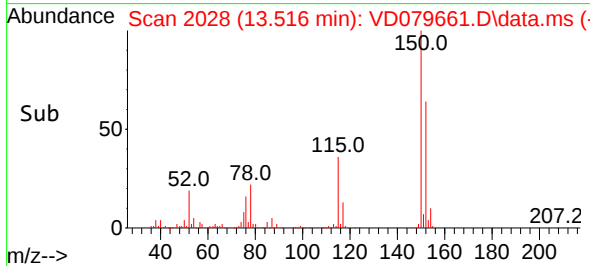
Instrument :
MSVOA_D
ClientSampleId :
S-849-GI-SO-12.5-13-072624



Tgt Ion:152 Resp: 11097
Ion Ratio Lower Upper
152 100
115 56.3 26.5 79.5
150 160.0 0.0 341.6

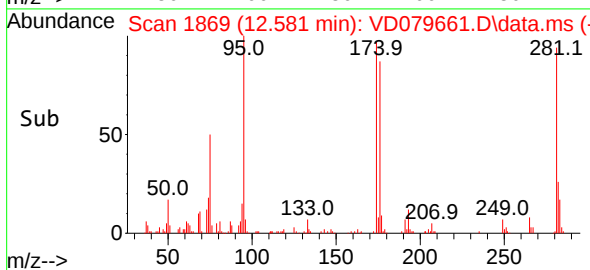
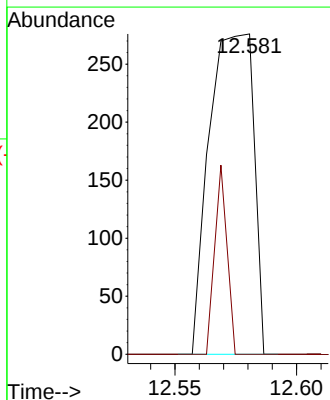
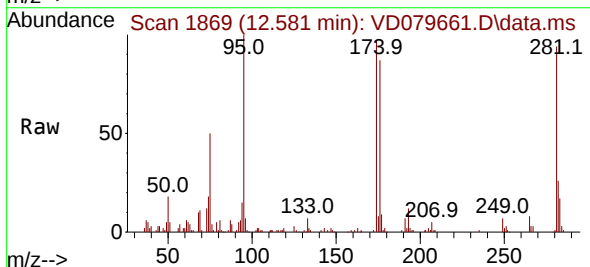
Manual Integrations
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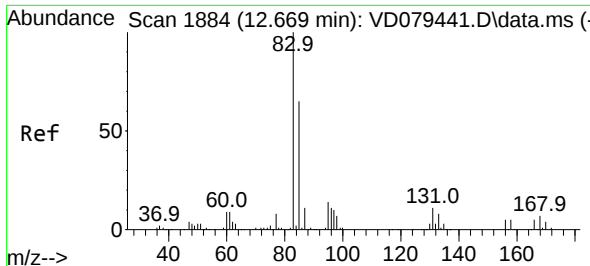
Reviewed By :Mahesh Dadoda 08/09/2024
Supervised By :Semsettin Yesilyurt 08/09/2024



#73
Isopropylbenzene
Concen: 3.667 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.165 min
Lab File: VD079661.D
Acq: 08 Aug 2024 01:45

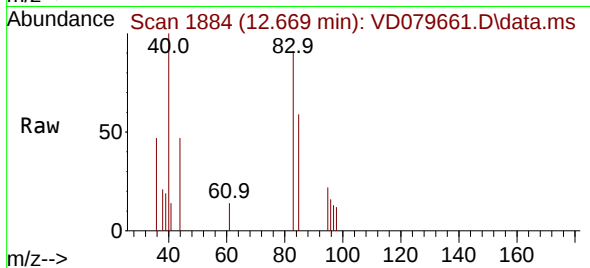
Tgt Ion:105 Resp: 350
Ion Ratio Lower Upper
105 100
120 16.6 13.6 40.7





#75
1,1,2,2-Tetrachloroethane
Concen: 1.192 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD079661.D
Acq: 08 Aug 2024 01:45

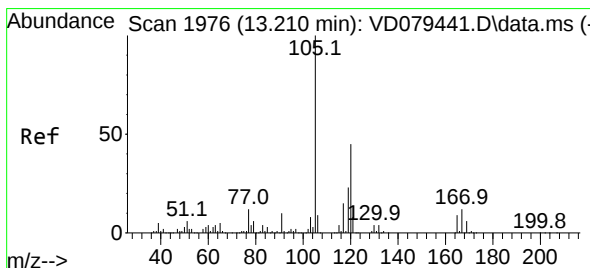
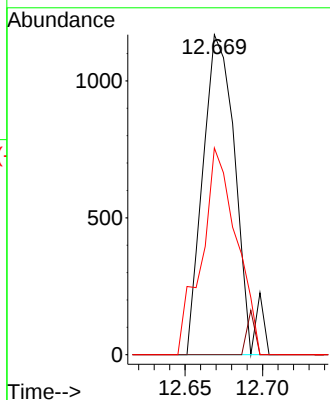
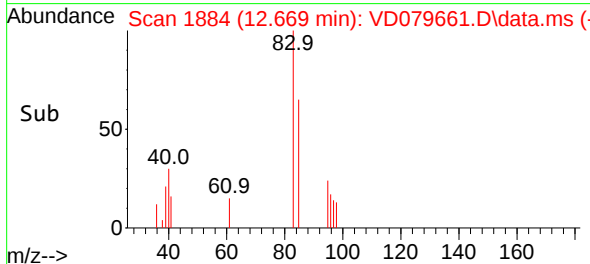
Instrument : MSVOA_D
ClientSampleId : S-849-GI-SO-12.5-13-072624



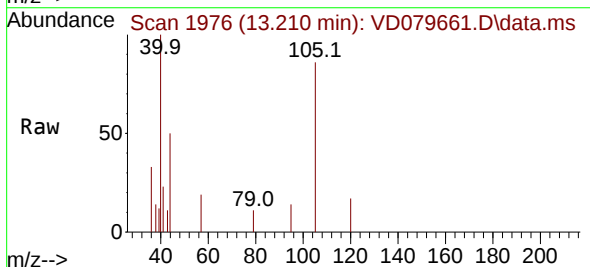
Tgt Ion: 83 Resp: 1719
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5
85 68.8 33.8 101.3

Manual Integrations
APPROVED

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



#84
1,2,4-Trimethylbenzene
Concen: 3.604 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VD079661.D
Acq: 08 Aug 2024 01:45



Tgt Ion:105 Resp: 1311
Ion Ratio Lower Upper
105 100
120 24.6 23.6 71.0

