

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
 Data File : VD076659.D
 Acq On : 30 Jun 2023 13:41
 Operator : KP/SY
 Sample : 03472-14
 Misc : 5.60G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46S7

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

Quant Time: Jul 03 01:30:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	389221	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	312807	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	124153	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	109955	11.600	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	46.400%
7) Chloroethane-d5	2.799	69	112127	14.630	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.520%
11) 1,1-Dichloroethene-d2	3.917	65	37336	15.090	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.360%
21) 2-Butanone-d5	6.987	46	71719	49.960	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.920%
24) Chloroform-d	7.569	84	202884	19.785	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.160%
26) 1,2-Dichloroethane-d4	8.228	65	112428	22.224	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.880%
32) Benzene-d6	8.199	84	372351	19.459	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.840%
36) 1,2-Dichloropropane-d6	9.205	67	131706	21.563	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.240%
41) Toluene-d8	10.269	98	321148	18.126	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.520%
43) trans-1,3-Dichloroprop...	10.522	79	50157	19.743	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.960%
47) 2-Hexanone-d5	10.875	63	54658	57.649	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.300%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	111329	25.620	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.480%
66) 1,2-Dichlorobenzene-d4	13.816	152	94781	20.828	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.320%
Target Compounds						
5) Vinyl chloride	2.281	62	34828	3.202	ug/L	90
8) Chloroethane	2.834	64	19883	2.984	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	13671m	2.680	ug/L	
19) 1,1-Dichloroethane	6.111	63	218668	21.238	ug/L	97
20) cis-1,2-Dichloroethene	7.063	96	5151m	0.819	ug/L	
30) 1,1,1-Trichloroethane	7.787	97	46465	6.394	ug/L	99
52) Ethylbenzene	11.681	91	28224	1.184	ug/L	91
53) m,p-Xylene	11.799	106	3527	0.376	ug/L	97
54) o-Xylene	12.122	106	13428	1.505	ug/L	97
60) Isopropylbenzene	12.422	105	6521	0.343	ug/L #	90
63) 1,2,4-Trimethylbenzene	13.210	105	5314	0.354	ug/L	99
67) 1,2-Dichlorobenzene	13.828	146	6401	0.850	ug/L #	74

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

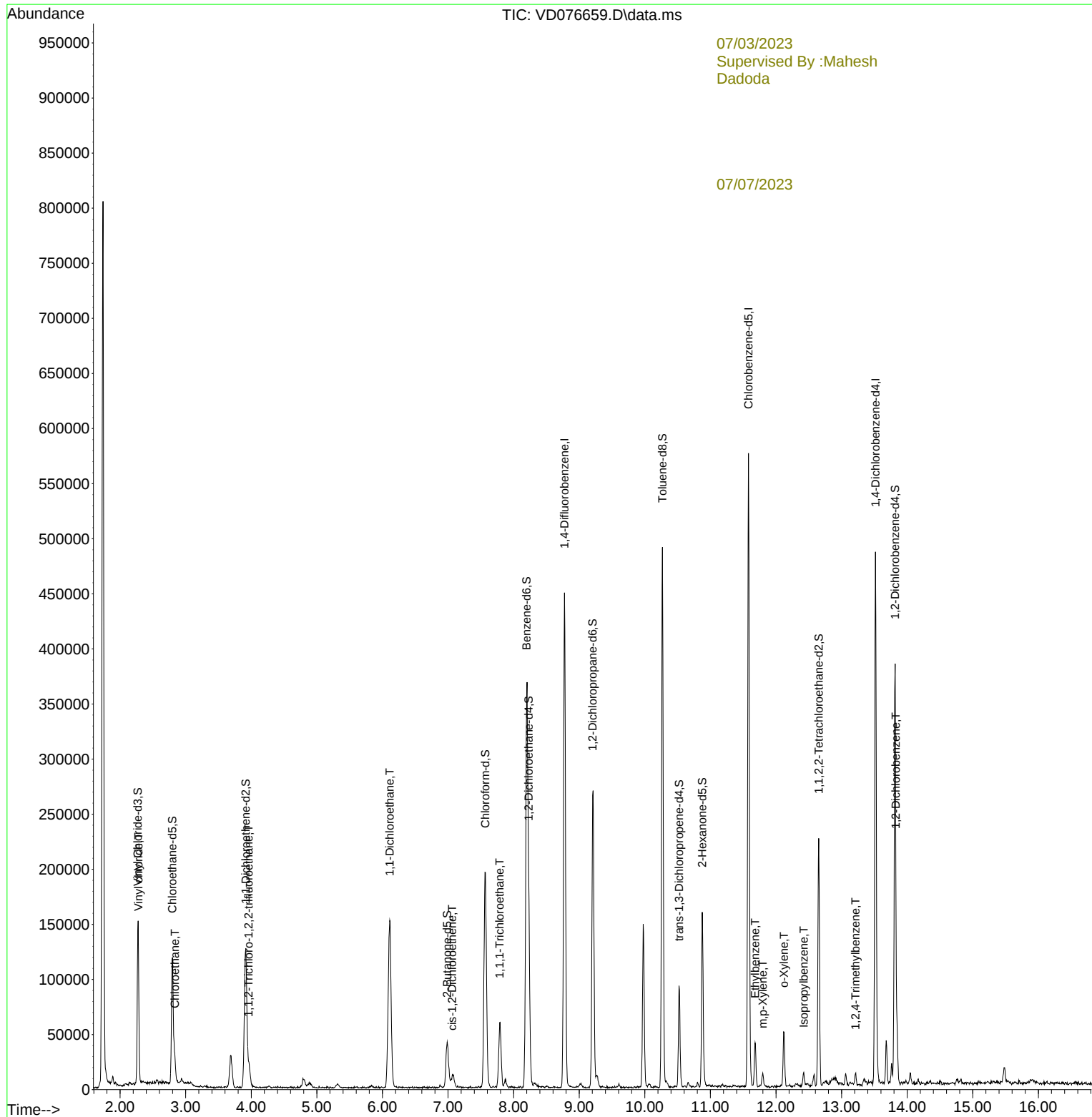
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
Data File : VD076659.D
Acq On : 30 Jun 2023 13:41
Operator : KP/SY
Sample : 03472-14
Misc : 5.60G/10.0ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

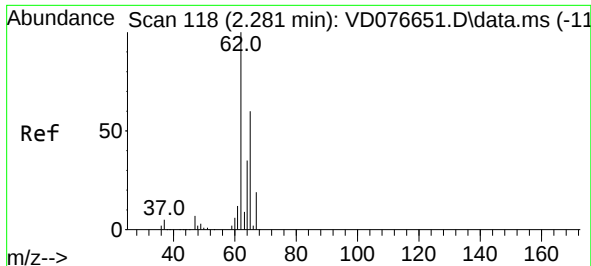
Instrument :
MSVOA_D
ClientSampleId :
A46S7

Manual Integrations
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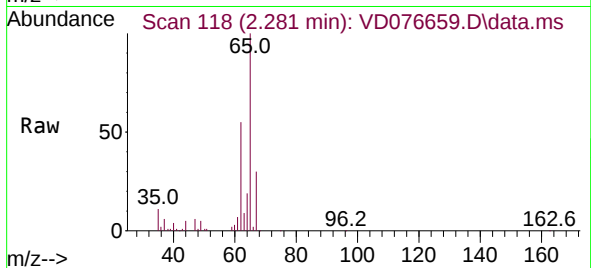
Quant Time: Jul 03 01:30:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:50:34 2023
Response via : Initial Calibration





#5
Vinyl chloride
Concen: 3.202 ug/L
RT: 2.281 min Scan# 118
Delta R.T. 0.006 min
Lab File: VD076659.D
Acq: 30 Jun 2023 13:41

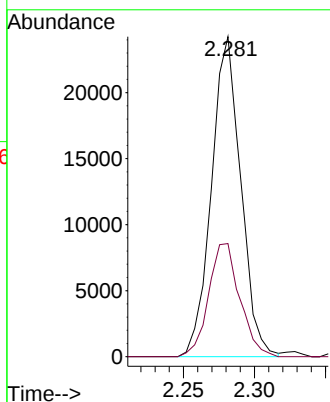
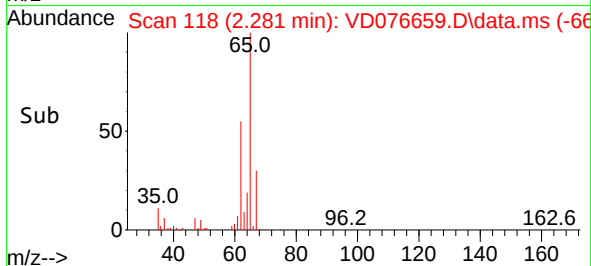
Instrument :
MSVOA_D
ClientSampleId :
A46S7



Tgt Ion: 62 Resp: 34828
Ion Ratio Lower Upper
62 100
64 35.4 21.1 39.1

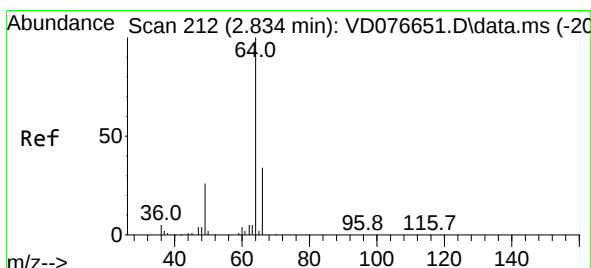
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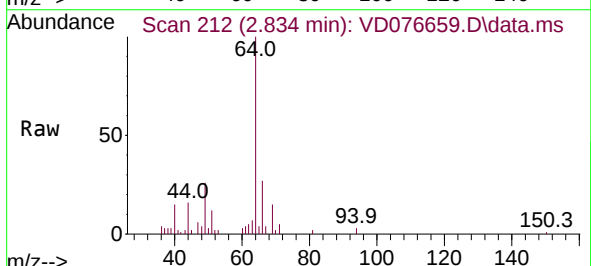


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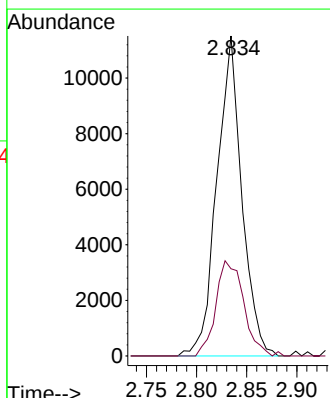
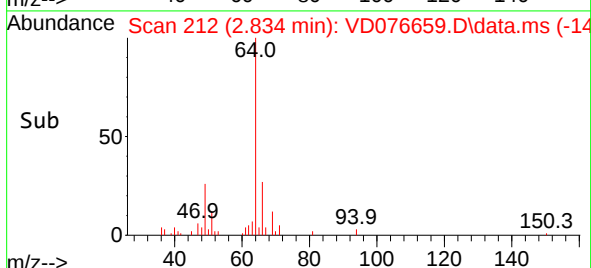
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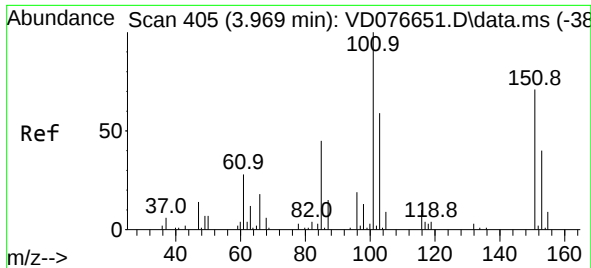


#8
Chloroethane
Concen: 2.984 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD076659.D
Acq: 30 Jun 2023 13:41



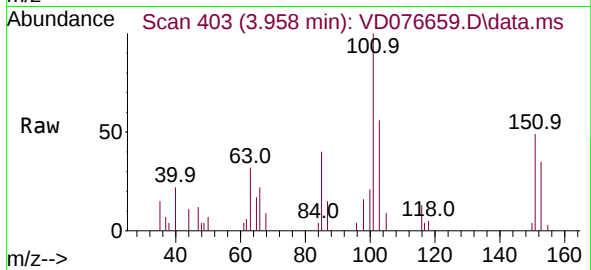
Tgt Ion: 64 Resp: 19883
Ion Ratio Lower Upper
64 100
66 27.3 22.1 41.1





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.680 ug/L m
RT: 3.958 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD076659.D
Acq: 30 Jun 2023 13:41

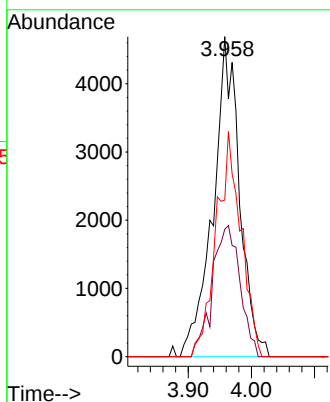
Instrument :
MSVOA_D
ClientSampleId :
A46S7



Tgt Ion:101 Resp: 1367
Ion Ratio Lower Upper
101 100
85 37.6 35.5 53.3
151 43.6 58.6 87.8

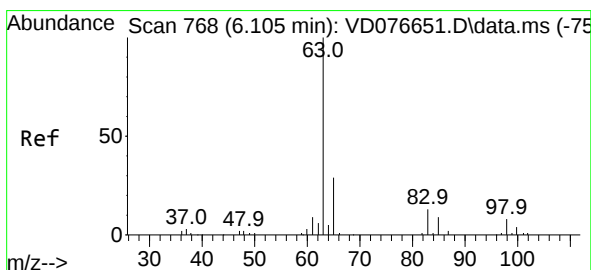
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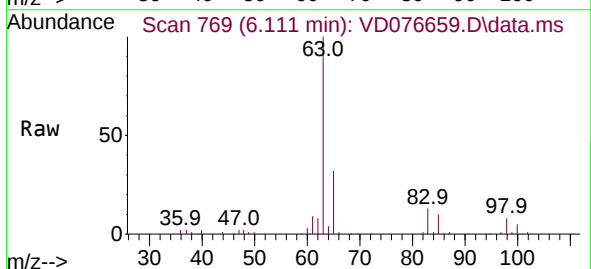


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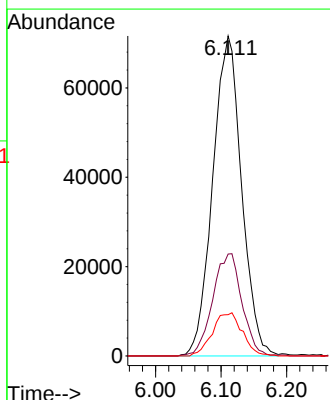
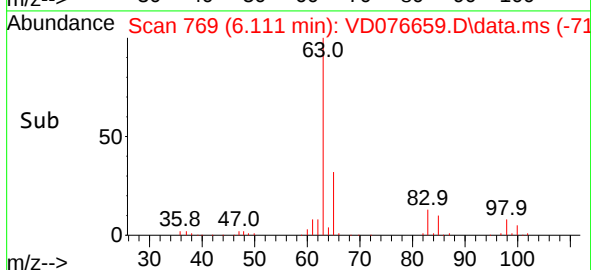
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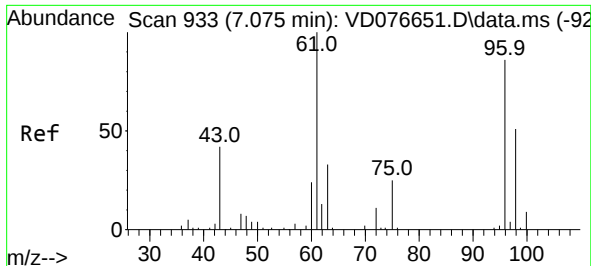


#19
1,1-Dichloroethane
Concen: 21.238 ug/L
RT: 6.111 min Scan# 769
Delta R.T. 0.006 min
Lab File: VD076659.D
Acq: 30 Jun 2023 13:41



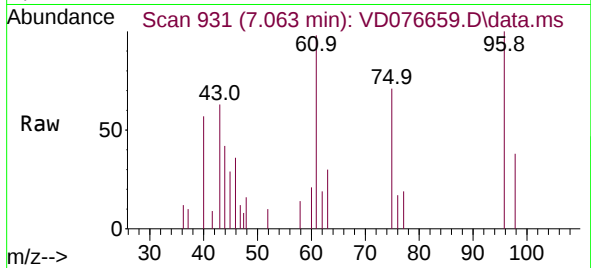
Tgt Ion: 63 Resp: 218668
Ion Ratio Lower Upper
63 100
65 31.8 20.8 38.6
83 12.9 8.9 16.5





#20
cis-1,2-Dichloroethene
Concen: 0.819 ug/L m
RT: 7.063 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD076659.D
Acq: 30 Jun 2023 13:41

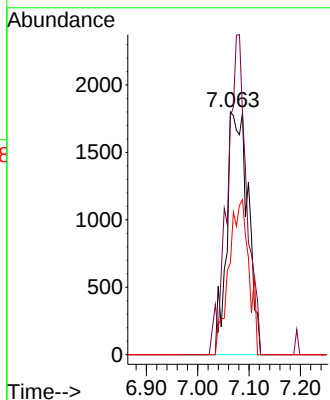
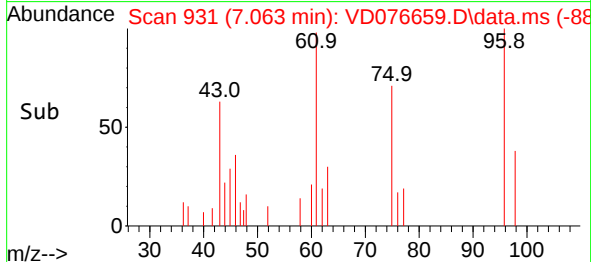
Instrument :
MSVOA_D
ClientSampleId :
A46S7



Tgt Ion: 96 Resp: 515
Ion Ratio Lower Upper
96 100
61 98.4 86.0 159.6
98 37.8 42.2 78.4

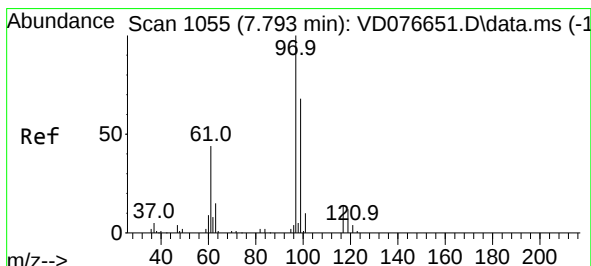
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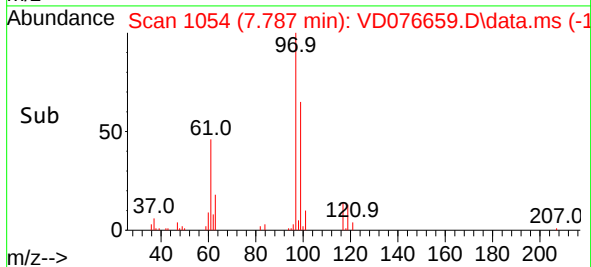
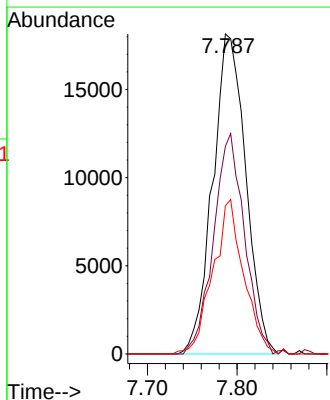
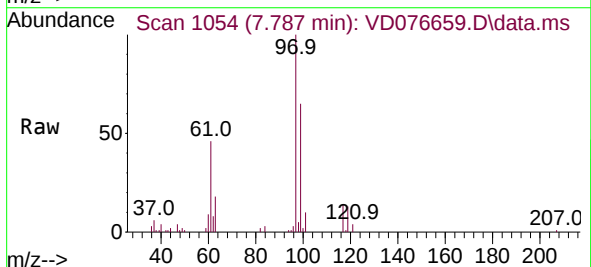
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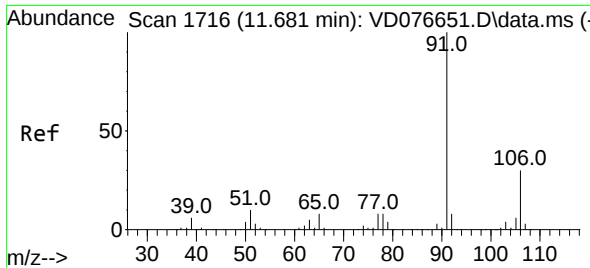
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#30
1,1,1-Trichloroethane
Concen: 6.394 ug/L
RT: 7.787 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VD076659.D
Acq: 30 Jun 2023 13:41

Tgt Ion: 97 Resp: 46465
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.6
61 44.9 36.4 54.6





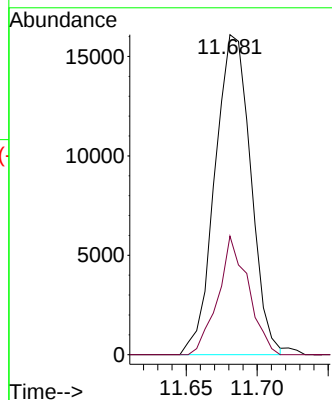
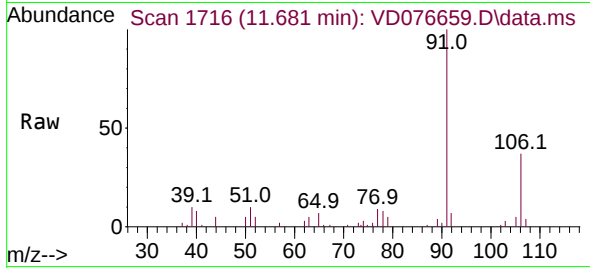
#52
Ethylbenzene
Concen: 1.184 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD076659.D
Acq: 30 Jun 2023 13:41

Instrument :
MSVOA_D
ClientSampleId :
A46S7

Tgt Ion: 91 Resp: 28224
Ion Ratio Lower Upper
91 100
106 37.0 22.4 41.6

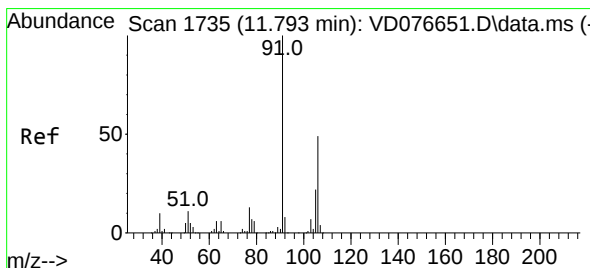
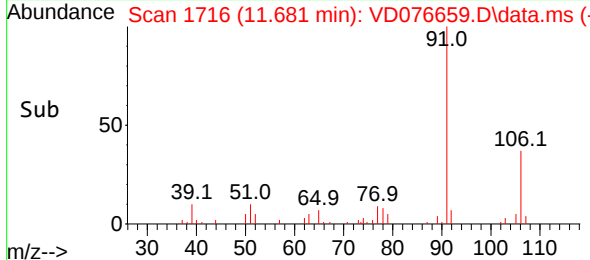
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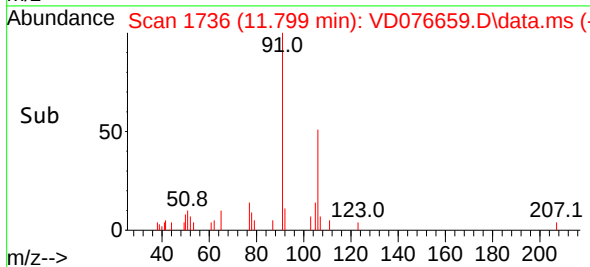
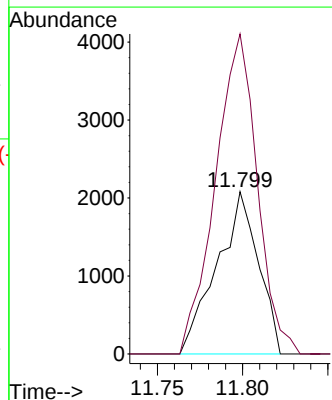
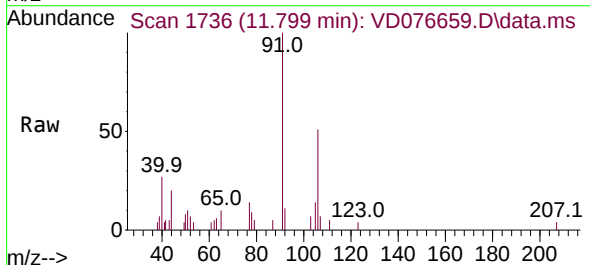
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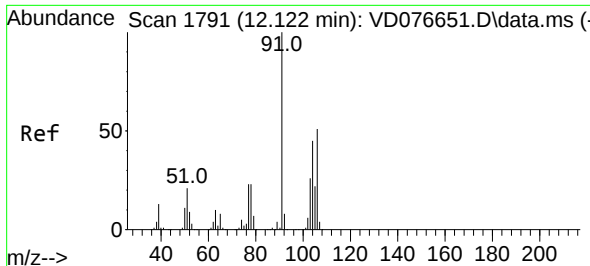
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#53
m,p-Xylene
Concen: 0.376 ug/L
RT: 11.799 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD076659.D
Acq: 30 Jun 2023 13:41

Tgt Ion:106 Resp: 3527
Ion Ratio Lower Upper
106 100
91 197.2 141.5 262.9





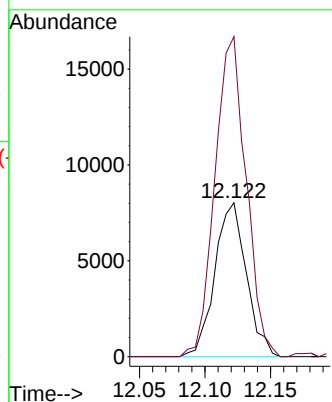
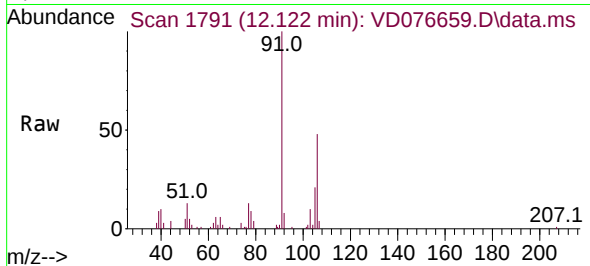
#54
o-Xylene
Concen: 1.505 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076659.D
Acq: 30 Jun 2023 13:41

Instrument :
MSVOA_D
ClientSampleId :
A46S7

Tgt Ion:106 Resp: 13428
Ion Ratio Lower Upper
106 100
91 208.0 142.2 264.2

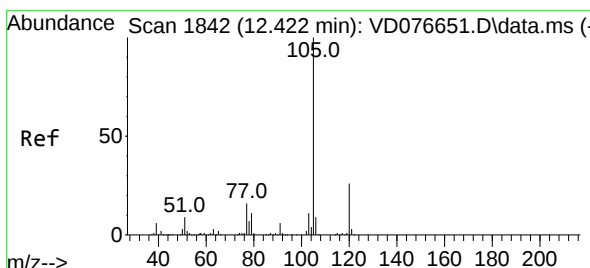
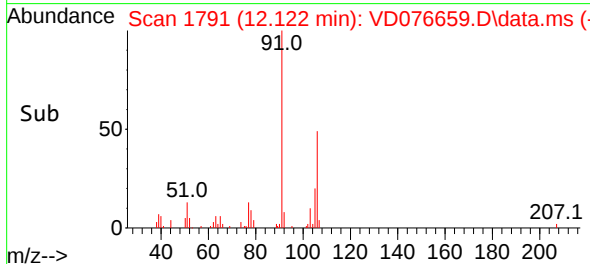
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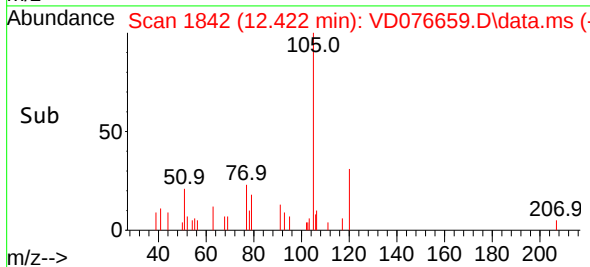
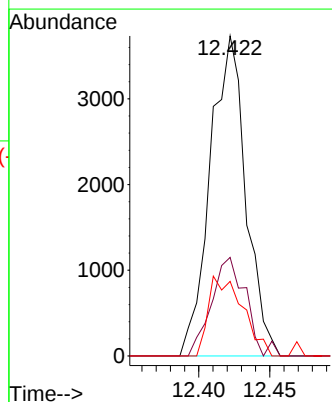
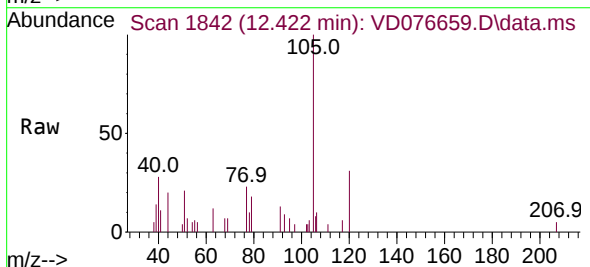
07/03/2023
Supervised By :Mahesh
Dadoda

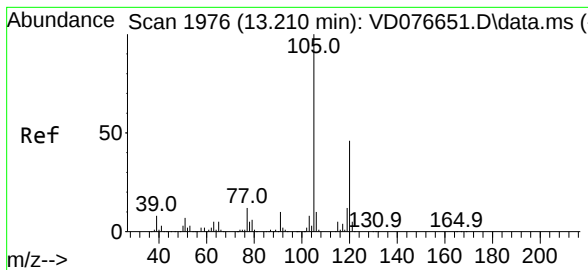
07/07/2023



#60
Isopropylbenzene
Concen: 0.343 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076659.D
Acq: 30 Jun 2023 13:41

Tgt Ion:105 Resp: 6521
Ion Ratio Lower Upper
105 100
120 28.6 21.3 31.9
77 24.0 12.2 18.4#





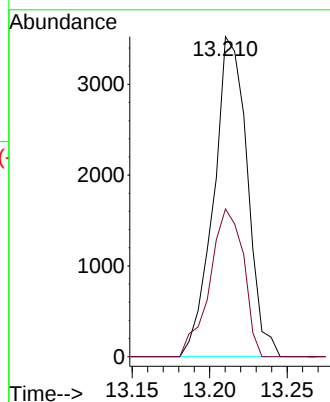
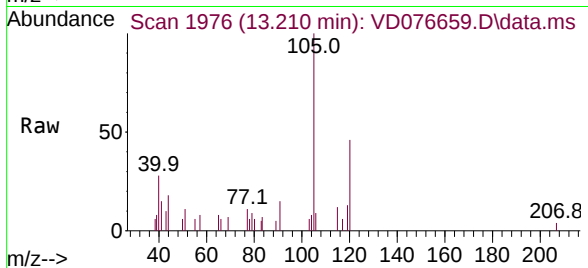
#63
1,2,4-Trimethylbenzene
Concen: 0.354 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076659.D
Acq: 30 Jun 2023 13:41

Instrument :
MSVOA_D
ClientSampleId :
A46S7

Tgt Ion:105 Resp: 5314
Ion Ratio Lower Upper
105 100
120 46.3 37.5 56.3

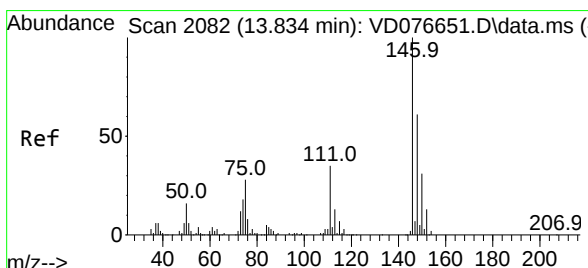
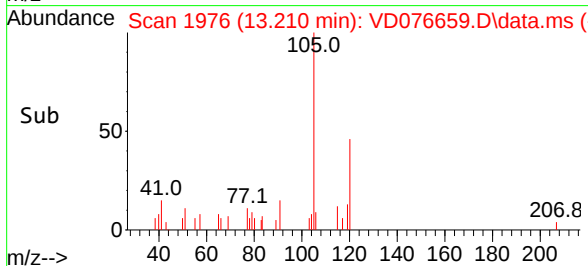
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07/03/2023
Supervised By :Mahesh
Dadoda

07/07/2023



#67
1,2-Dichlorobenzene
Concen: 0.850 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD076659.D
Acq: 30 Jun 2023 13:41

Tgt Ion:146 Resp: 6401
Ion Ratio Lower Upper
146 100
111 54.0 31.3 46.9#
148 86.2 51.7 77.5#

