

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
 Data File : VD076692.D
 Acq On : 03 Jul 2023 15:08
 Operator : KP/SY
 Sample : 03472-14RE
 Misc : 4.33G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46S7RE

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/05/2023
 Supervised By :Mahesh Dadoda 07/07/2023

Quant Time: Jul 04 01:10:53 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	203627	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	188482	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	86463	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	30407	6.132	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	24.520%#		
7) Chloroethane-d5	2.793	69	35779	8.923	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	35.680%		
11) 1,1-Dichloroethene-d2	3.916	65	11926	9.213	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	36.840%#		
21) 2-Butanone-d5	6.987	46	41616	55.413	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	110.820%		
24) Chloroform-d	7.569	84	98468	18.355	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	73.400%		
26) 1,2-Dichloroethane-d4	8.228	65	56361	21.296	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	85.200%		
32) Benzene-d6	8.199	84	139854	12.130	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	48.520%		
36) 1,2-Dichloropropane-d6	9.210	67	61193	16.627	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	66.520%#		
41) Toluene-d8	10.269	98	124423	11.655	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	46.600%		
43) trans-1,3-Dichloroprop...	10.528	79	23884	15.603	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	62.400%		
47) 2-Hexanone-d5	10.881	63	30766	53.854	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	107.700%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	71044	27.133	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	108.520%		
66) 1,2-Dichlorobenzene-d4	13.816	152	53065	16.744	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	66.960%#		
Target Compounds						Qvalue
5) Vinyl chloride	2.275	62	15172	2.666	ug/L	98
8) Chloroethane	2.828	64	9086	2.607	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.952	101	3602m	1.350	ug/L	
19) 1,1-Dichloroethane	6.105	63	92104	17.099	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	3578m	1.087	ug/L	
27) 1,2-Dichloroethane	8.328	62	1602	0.496	ug/L #	78
30) 1,1,1-Trichloroethane	7.793	97	17691	4.040	ug/L	98
54) o-Xylene	12.122	106	2409	0.448	ug/L	76
67) 1,2-Dichlorobenzene	13.828	146	2738	0.522	ug/L #	82

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

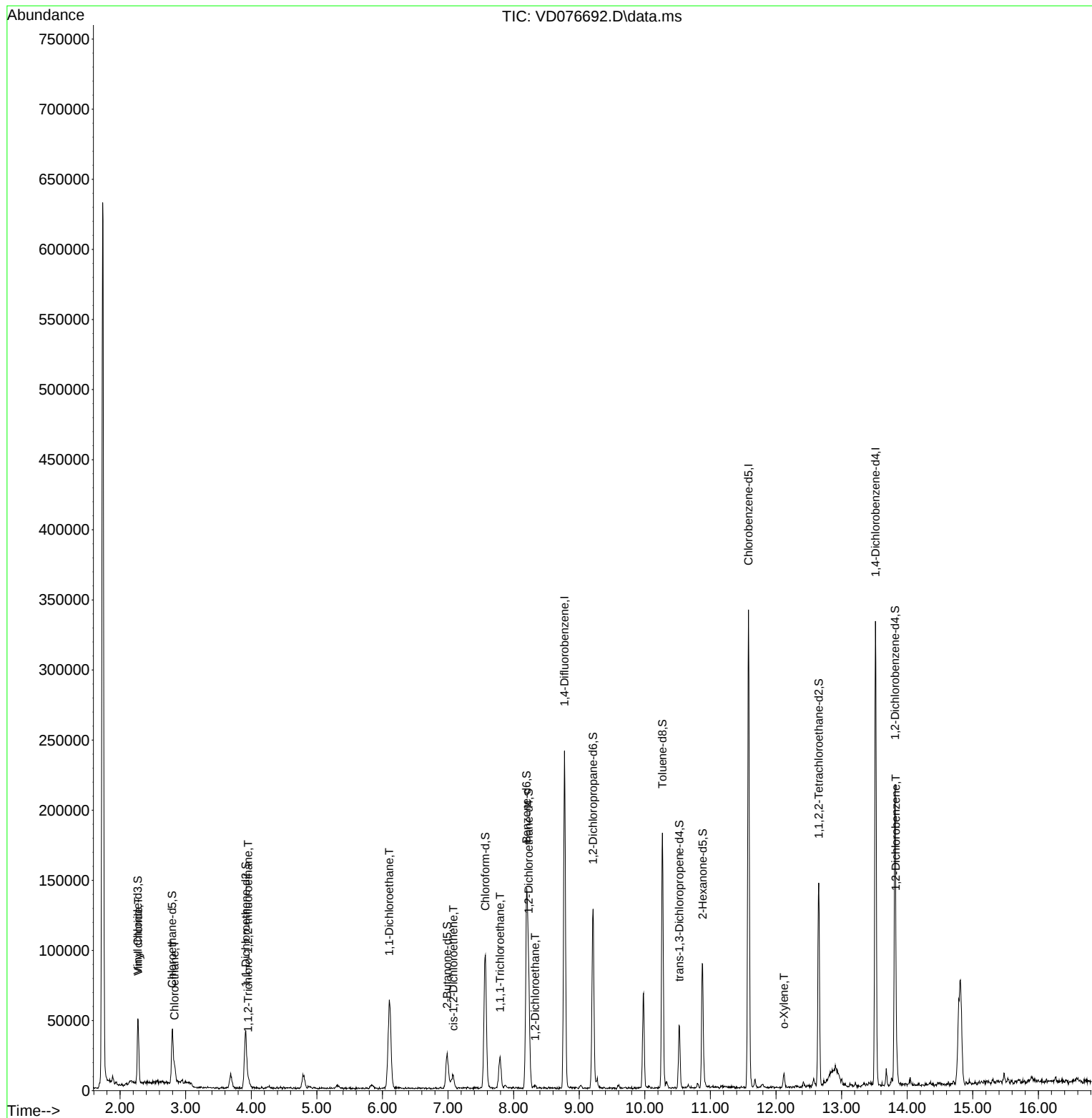
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
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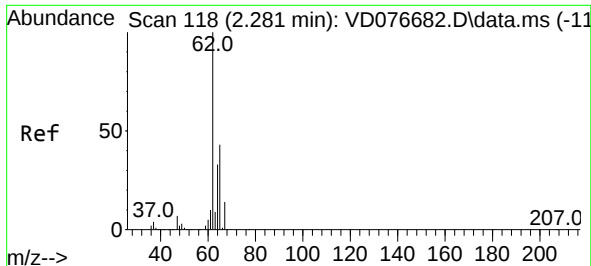
Instrument :
MSVOA_D
ClientSampleId :
A46S7RE

Quant Time: Jul 04 01:10:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:50:34 2023
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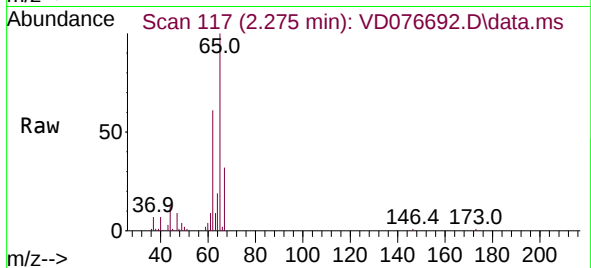
Reviewed By : Semsettin Yesilyurt 07/05/2023
Supervised By : Mahesh Dadoda 07/07/2023





#5
Vinyl chloride
Concen: 2.666 ug/L
RT: 2.275 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076692.D
Acq: 03 Jul 2023 15:08

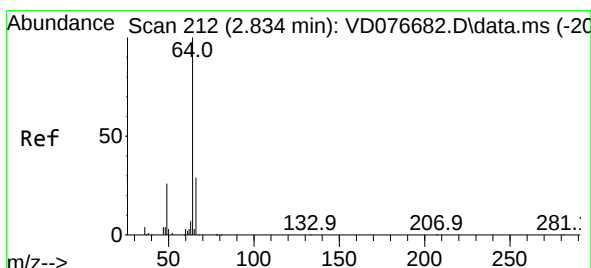
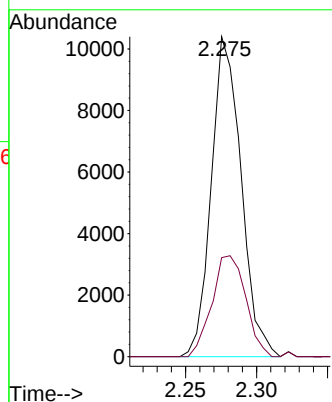
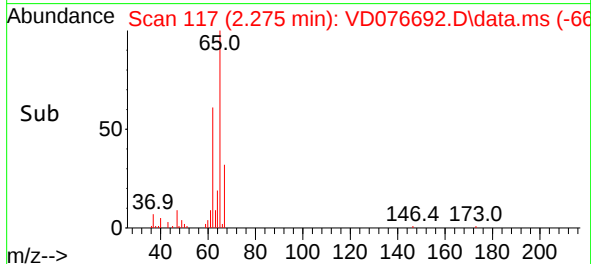
Instrument :
MSVOA_D
ClientSampleId :
A46S7RE



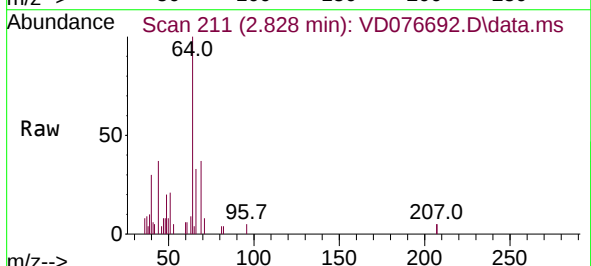
Tgt Ion: 62 Resp: 1517
Ion Ratio Lower Upper
62 100
64 31.0 21.1 39.1

Manual Integrations
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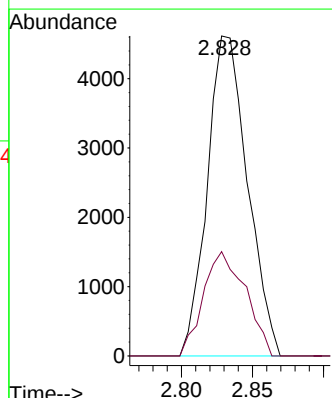
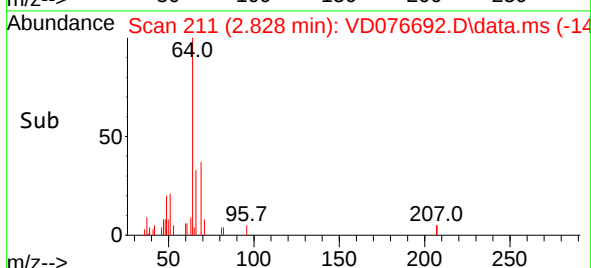
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Supervised By :Mahesh Dadoda 07/07/2023

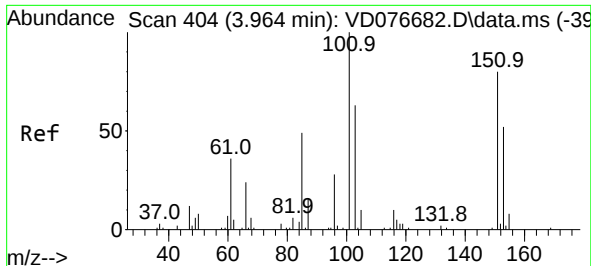


#8
Chloroethane
Concen: 2.607 ug/L
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076692.D
Acq: 03 Jul 2023 15:08



Tgt Ion: 64 Resp: 9086
Ion Ratio Lower Upper
64 100
66 32.6 22.1 41.1





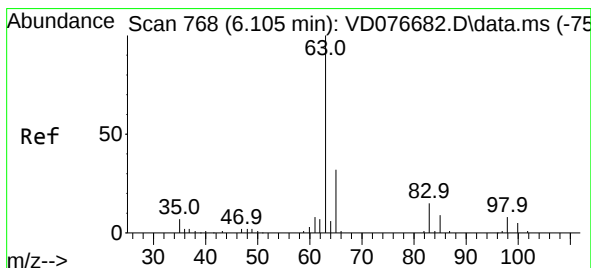
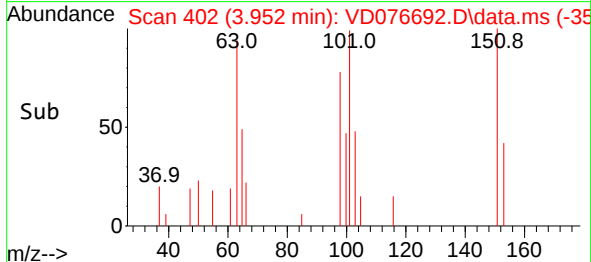
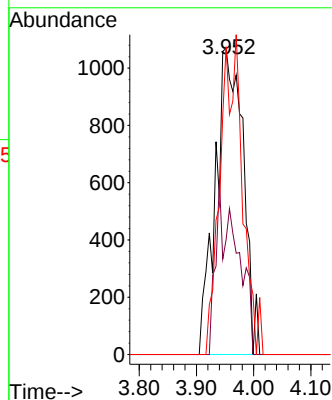
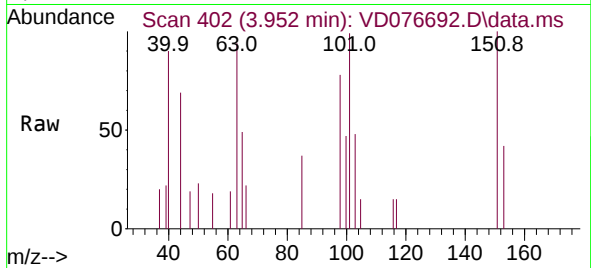
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.350 ug/L m
RT: 3.952 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD076692.D
Acq: 03 Jul 2023 15:08

Instrument :
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ClientSampleId :
A46S7RE

Tgt Ion:101 Resp: 360
Ion Ratio Lower Upper
101 100
85 22.4 35.5 53.3
151 40.5 58.6 87.8

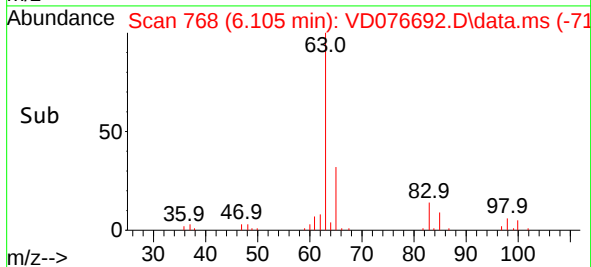
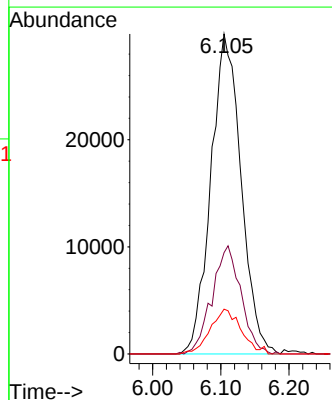
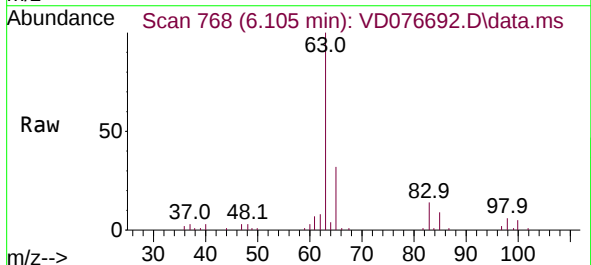
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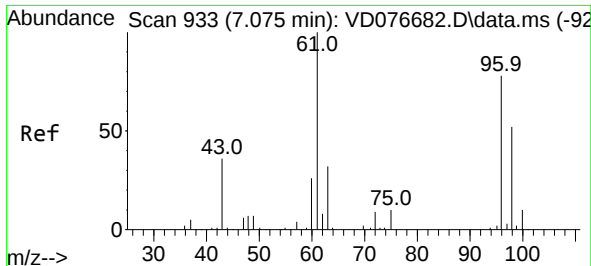
Reviewed By :Semsettin Yesilyurt 07/05/2023
Supervised By :Mahesh Dadoda 07/07/2023



#19
1,1-Dichloroethane
Concen: 17.099 ug/L
RT: 6.105 min Scan# 768
Delta R.T. -0.000 min
Lab File: VD076692.D
Acq: 03 Jul 2023 15:08

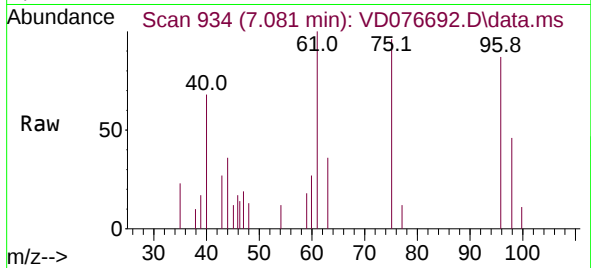
Tgt Ion: 63 Resp: 92104
Ion Ratio Lower Upper
63 100
65 31.7 20.8 38.6
83 14.0 8.9 16.5





#20
cis-1,2-Dichloroethene
Concen: 1.087 ug/L m
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076692.D
Acq: 03 Jul 2023 15:08

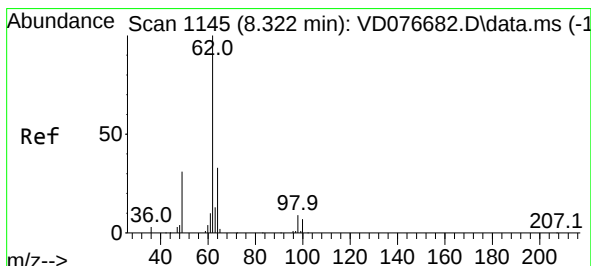
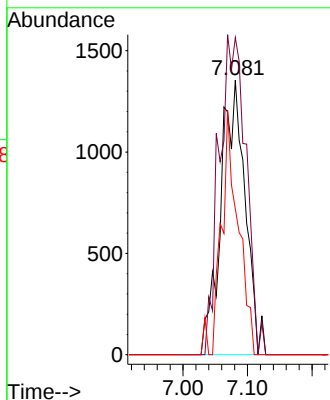
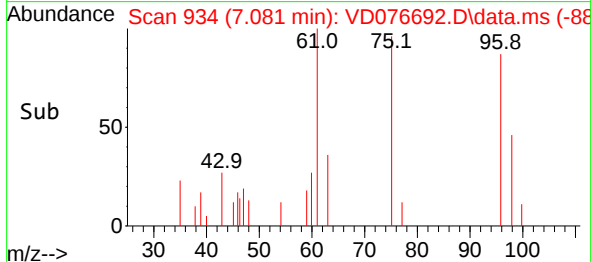
Instrument :
MSVOA_D
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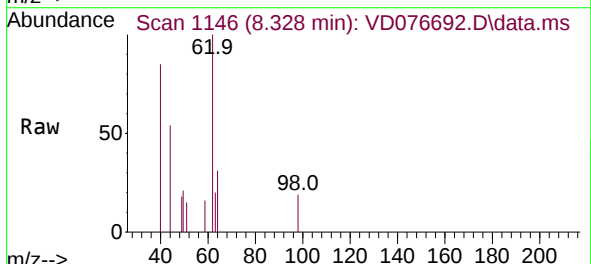
Tgt Ion: 96 Resp: 3578
Ion Ratio Lower Upper
96 100
61 115.5 86.0 159.6
98 53.1 42.2 78.4

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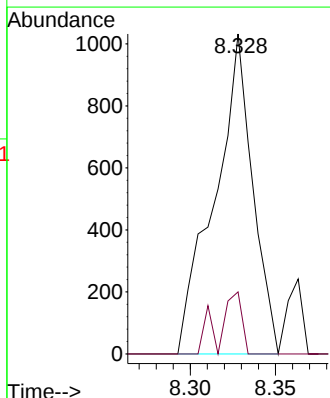
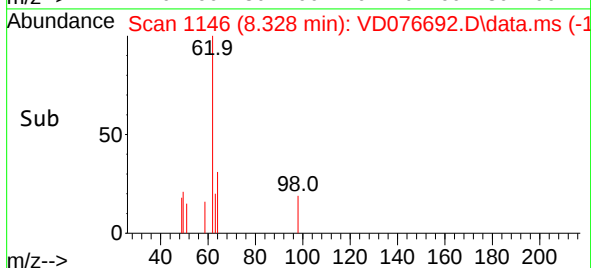
Reviewed By :Semsettin Yesilyurt 07/05/2023
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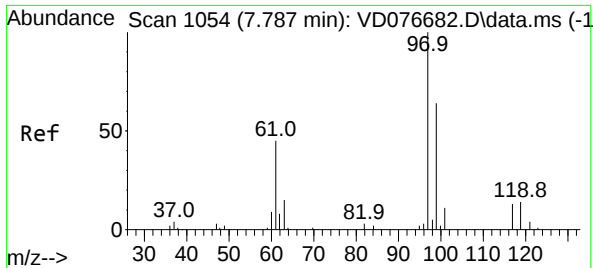


#27
1,2-Dichloroethane
Concen: 0.496 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD076692.D
Acq: 03 Jul 2023 15:08



Tgt Ion: 62 Resp: 1602
Ion Ratio Lower Upper
62 100
98 19.4 8.7 13.1#





#30

1,1,1-Trichloroethane

Concen: 4.040 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VD076692.D

Acq: 03 Jul 2023 15:08

Instrument :

MSVOA_D

ClientSampleId :

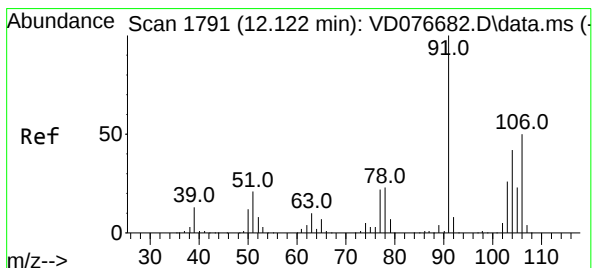
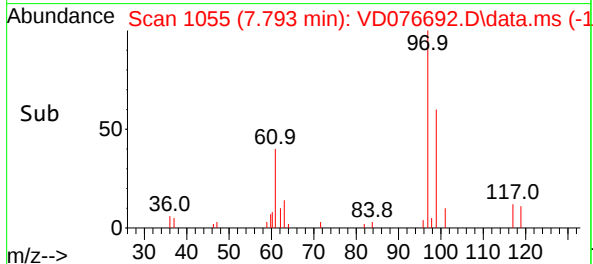
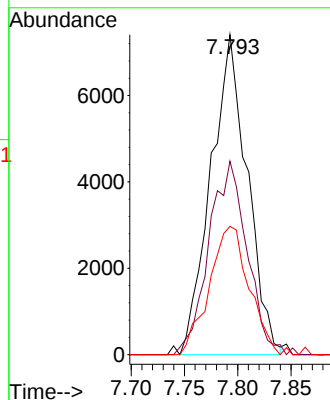
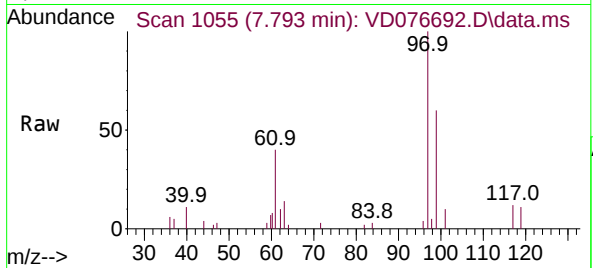
A46S7RE

Tgt Ion: 97	Resp: 1769
Ion Ratio	Lower Upper
97 100	
99 63.1	51.0 76.6
61 43.6	36.4 54.6

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#54

o-Xylene

Concen: 0.448 ug/L

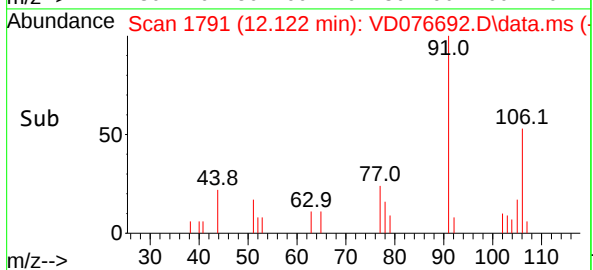
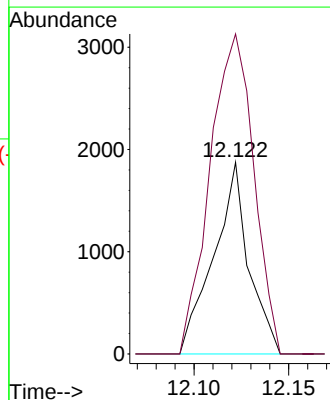
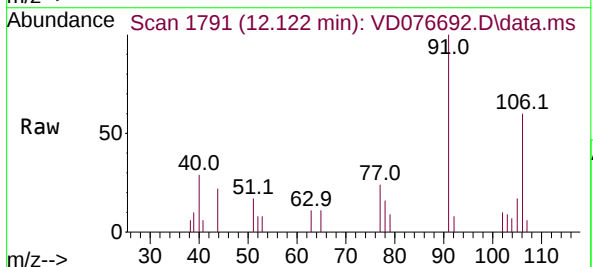
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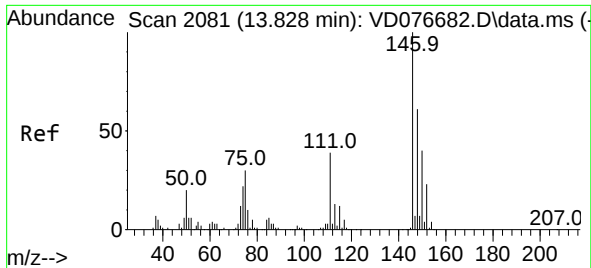
Delta R.T. -0.000 min

Lab File: VD076692.D

Acq: 03 Jul 2023 15:08

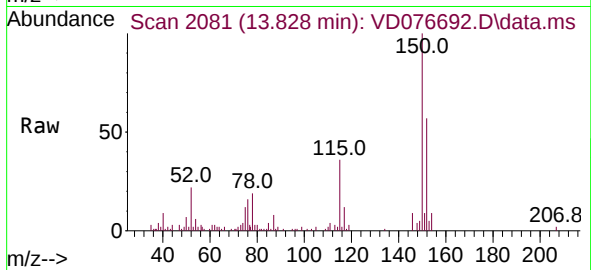
Tgt Ion:106	Resp: 2409
Ion Ratio	Lower Upper
106 100	
91 166.9	142.2 264.2





#67
1,2-Dichlorobenzene
Concen: 0.522 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD076692.D
Acq: 03 Jul 2023 15:08

Instrument :
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Tgt Ion:	146	Resp:	2738
Ion	Ratio	Lower	Upper
146	100		
111	49.3	31.3	46.9
148	49.3	51.7	77.5

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