

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
 Data File : VD076658.D
 Acq On : 30 Jun 2023 13:15
 Operator : KP/SY
 Sample : 03472-13
 Misc : 4.43G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46S5

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/03/2023
 Supervised By : Mahesh Dadoda 07/07/2023

Quant Time: Jul 03 01:30:12 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	383377	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	319468	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	129248	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	105370	11.286	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	45.160%		
7) Chloroethane-d5	2.793	69	107038	14.179	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	56.720%		
11) 1,1-Dichloroethene-d2	3.916	65	35766	14.676	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	58.720%		
21) 2-Butanone-d5	6.987	46	73654	52.090	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	104.180%		
24) Chloroform-d	7.569	84	191518	18.961	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	75.840%		
26) 1,2-Dichloroethane-d4	8.228	65	105254m	21.123	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	84.480%		
32) Benzene-d6	8.199	84	344838	17.646	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	70.600%		
36) 1,2-Dichloropropane-d6	9.210	67	125878	20.180	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	80.720%		
41) Toluene-d8	10.269	98	308352	17.041	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	68.160%		
43) trans-1,3-Dichloroprop...	10.528	79	48894	18.845	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	75.360%		
47) 2-Hexanone-d5	10.875	63	54150	55.923	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	111.840%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	106590	24.018	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	96.080%		
66) 1,2-Dichlorobenzene-d4	13.816	152	92809	19.590	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	78.360%		
Target Compounds						Qvalue
5) Vinyl chloride	2.281	62	58723	5.481	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	211920	42.176	ug/L	98
14) Carbon disulfide	4.263	76	13322	0.739	ug/L	97
16) Methylene chloride	4.799	84	7568	1.136	ug/L	76
17) trans-1,2-Dichloroethene	5.305	96	4354	0.785	ug/L	85
19) 1,1-Dichloroethane	6.110	63	82835	8.168	ug/L	99
20) cis-1,2-Dichloroethene	7.081	96	587688	94.863	ug/L	98
27) 1,2-Dichloroethane	8.328	62	9567	1.572	ug/L	96
30) 1,1,1-Trichloroethane	7.793	97	434499	58.545	ug/L	99
34) Trichloroethene	9.028	95	33714	6.207	ug/L	96
46) Tetrachloroethene	10.810	164	270523	63.355	ug/L	94
65) 1,4-Dichlorobenzene	13.534	146	5132	0.579	ug/L #	69
67) 1,2-Dichlorobenzene	13.834	146	266191	33.974	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	5957	1.141	ug/L #	93

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

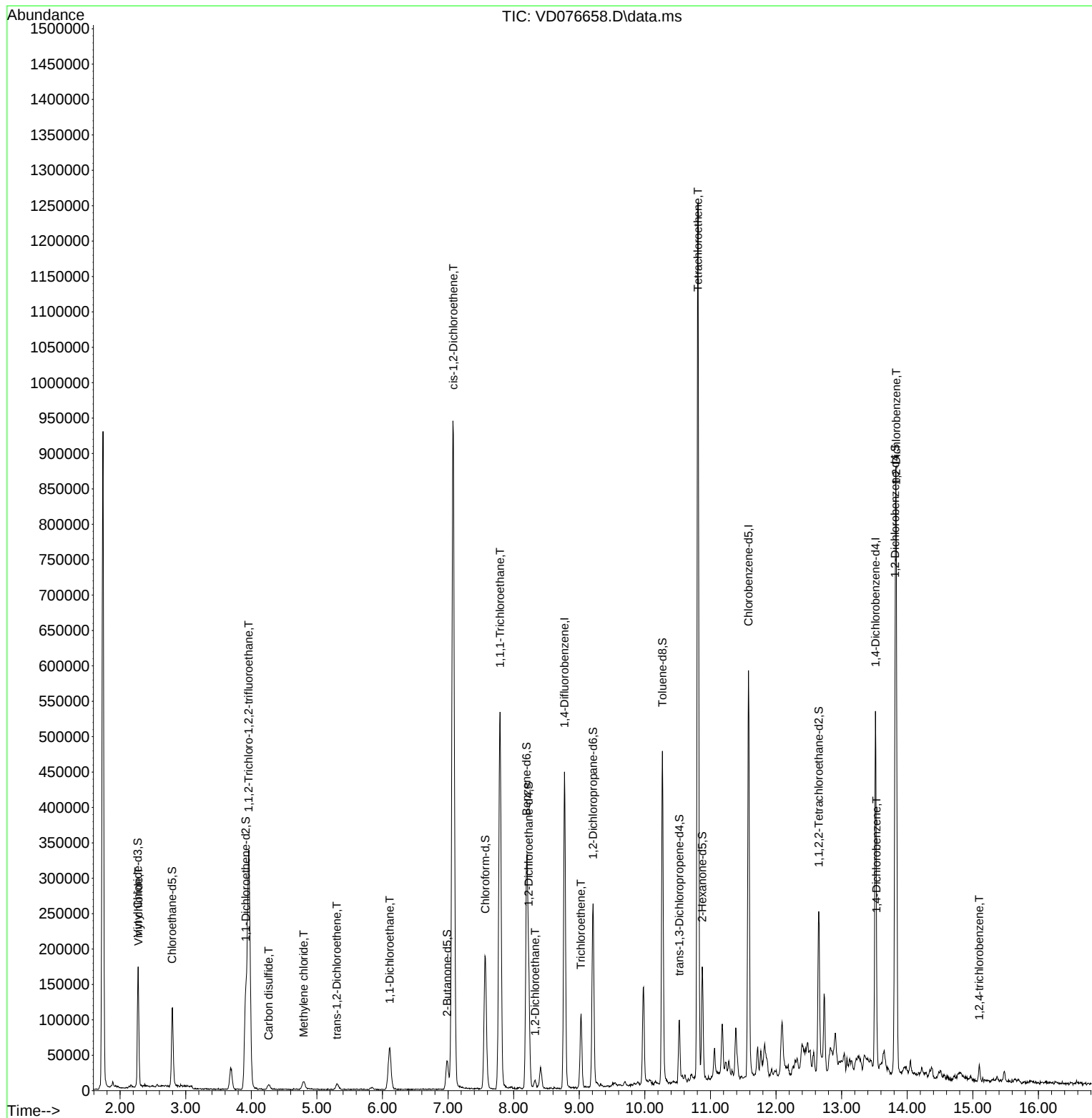
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
Data File : VD076658.D
Acq On : 30 Jun 2023 13:15
Operator : KP/SY
Sample : 03472-13
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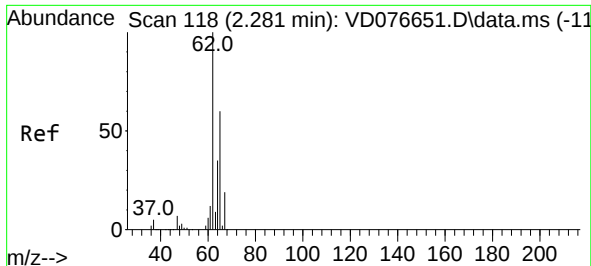
Instrument :
MSVOA_D
ClientSampleId :
A46S5

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

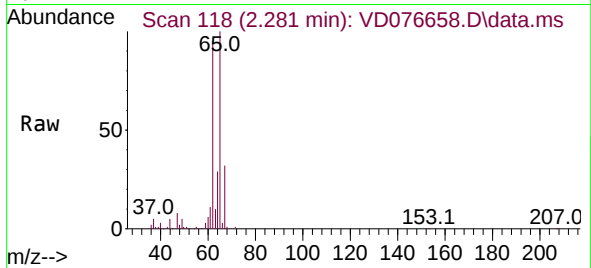
Quant Time: Jul 03 01:30:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 16 01:50:34 2023
Response via : Initial Calibration





#5
Vinyl chloride
Concen: 5.481 ug/L
RT: 2.281 min Scan# 118
Delta R.T. 0.006 min
Lab File: VD076658.D
Acq: 30 Jun 2023 13:15

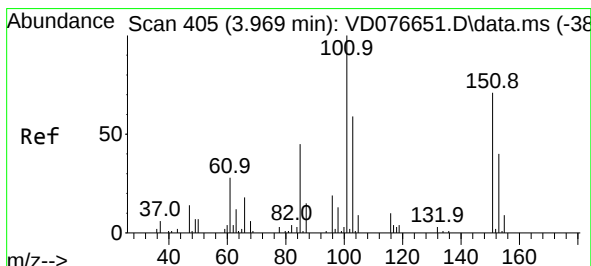
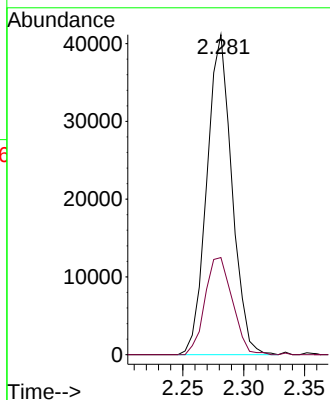
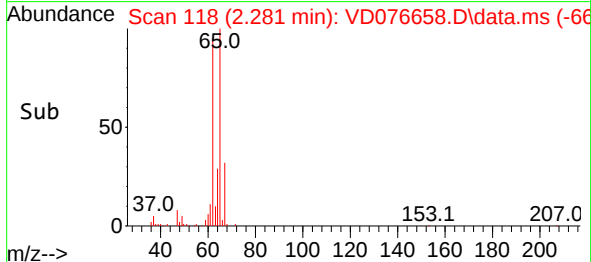
Instrument :
MSVOA_D
ClientSampleId :
A46S5



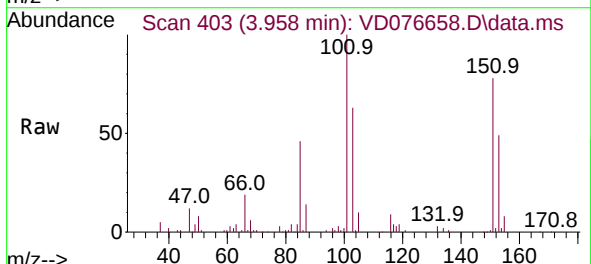
Tgt Ion: 62 Resp: 5872
Ion Ratio Lower Upper
62 100
64 30.4 21.1 39.1

Manual Integrations
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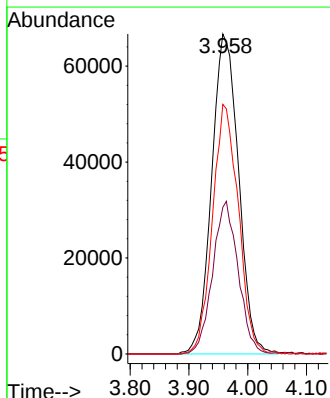
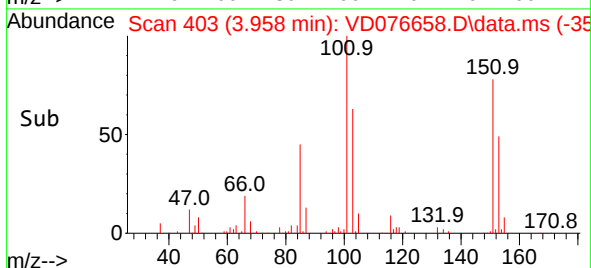
Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023

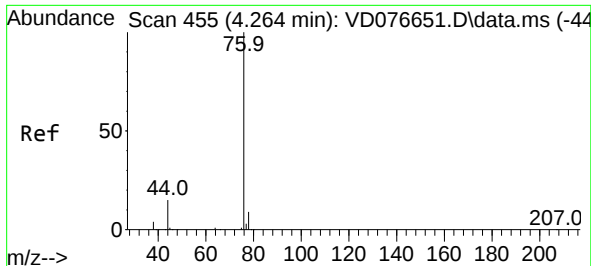


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 42.176 ug/L
RT: 3.958 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD076658.D
Acq: 30 Jun 2023 13:15



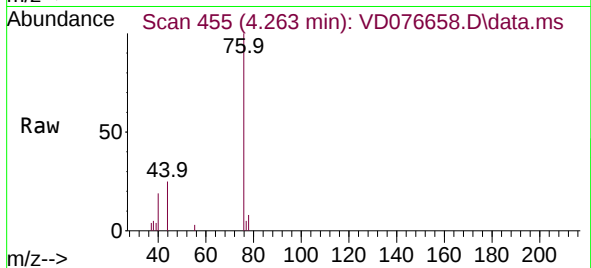
Tgt Ion:101 Resp: 211920
Ion Ratio Lower Upper
101 100
85 45.3 35.5 53.3
151 75.0 58.6 87.8





#14
Carbon disulfide
Concen: 0.739 ug/L
RT: 4.263 min Scan# 455
Delta R.T. -0.000 min
Lab File: VD076658.D
Acq: 30 Jun 2023 13:15

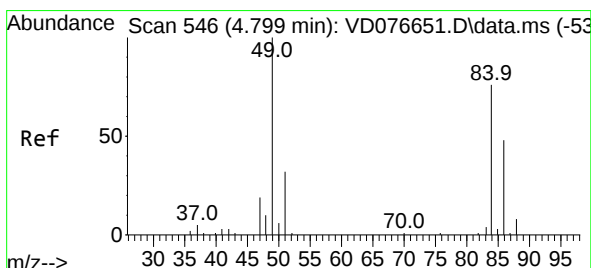
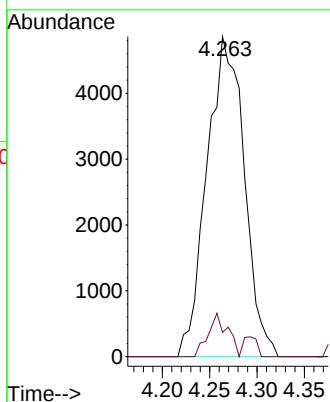
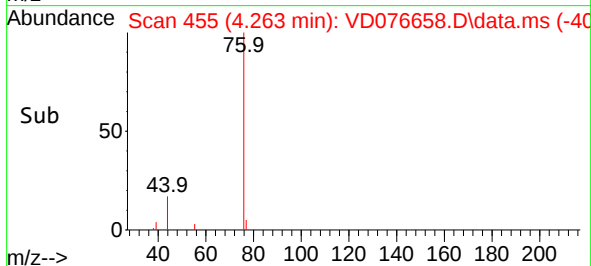
Instrument :
MSVOA_D
ClientSampleId :
A46S5



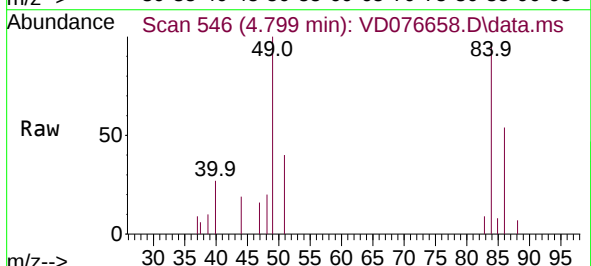
Tgt Ion: 76 Resp: 1332
Ion Ratio Lower Upper
76 100
78 7.6 7.0 10.4

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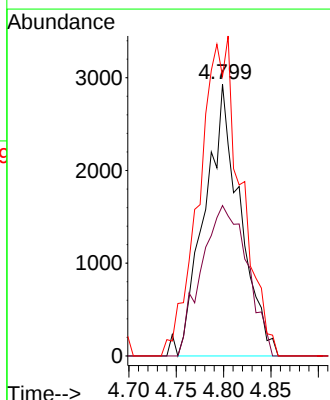
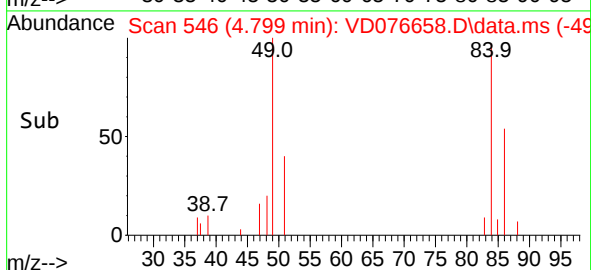
Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023

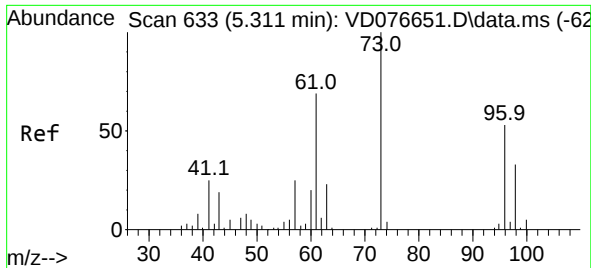


#16
Methylene chloride
Concen: 1.136 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.012 min
Lab File: VD076658.D
Acq: 30 Jun 2023 13:15



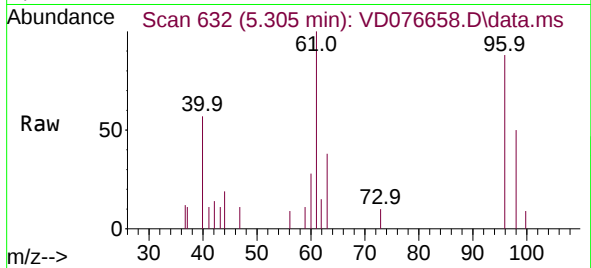
Tgt Ion: 84 Resp: 7568
Ion Ratio Lower Upper
84 100
86 55.3 45.1 83.9
49 102.9 97.2 180.6





#17
trans-1,2-Dichloroethene
Concen: 0.785 ug/L
RT: 5.305 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD076658.D
Acq: 30 Jun 2023 13:15

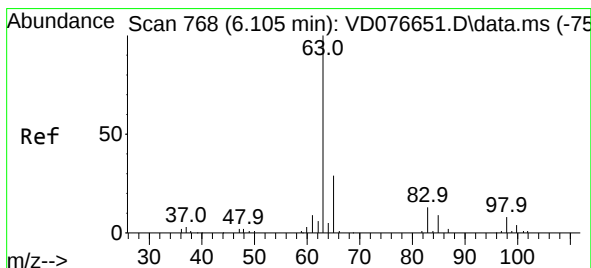
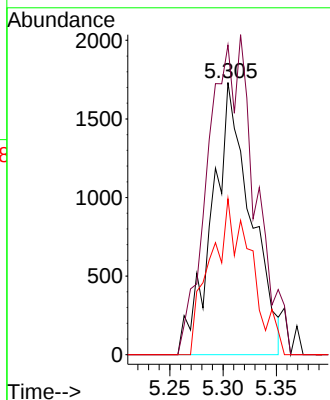
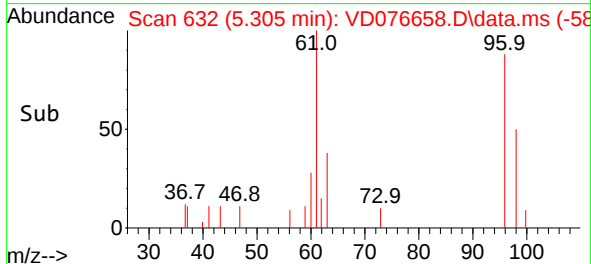
Instrument :
MSVOA_D
ClientSampleId :
A46S5



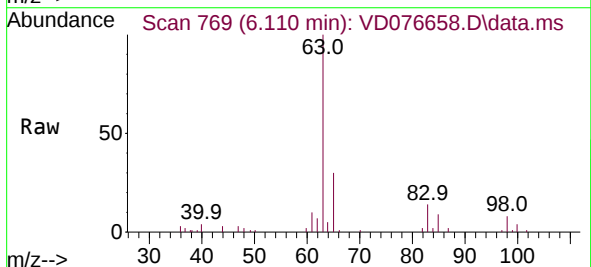
Tgt Ion: 96 Resp: 4354
Ion Ratio Lower Upper
96 100
61 113.7 94.5 175.5
98 57.3 46.0 85.4

Manual Integrations
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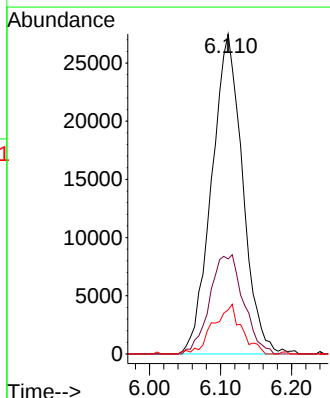
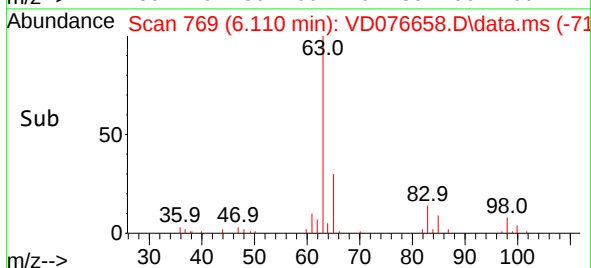
Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023

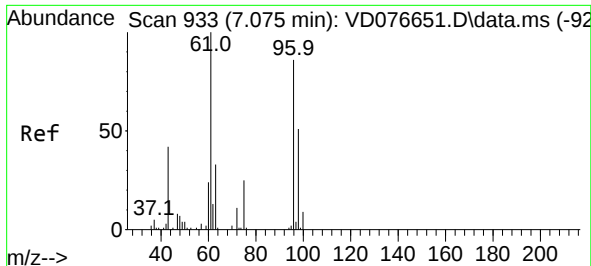


#19
1,1-Dichloroethane
Concen: 8.168 ug/L
RT: 6.110 min Scan# 769
Delta R.T. 0.006 min
Lab File: VD076658.D
Acq: 30 Jun 2023 13:15



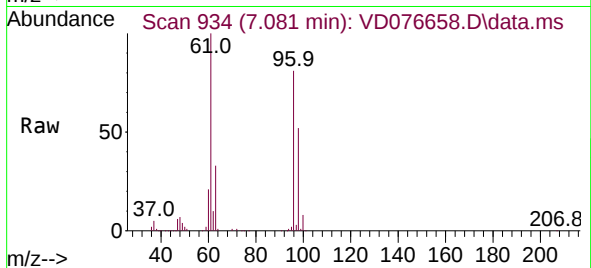
Tgt Ion: 63 Resp: 82835
Ion Ratio Lower Upper
63 100
65 29.7 20.8 38.6
83 13.8 8.9 16.5





#20
cis-1,2-Dichloroethene
Concen: 94.863 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076658.D
Acq: 30 Jun 2023 13:15

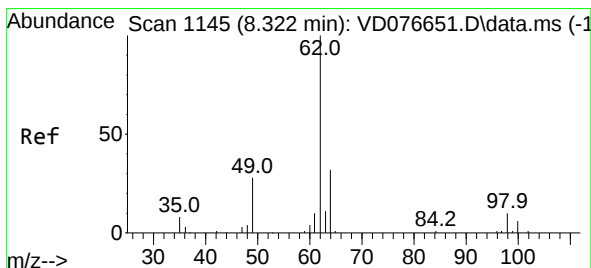
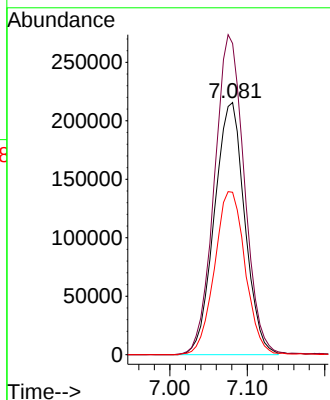
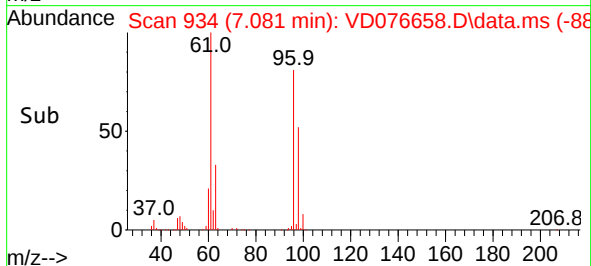
Instrument :
MSVOA_D
ClientSampleId :
A46S5



Tgt Ion: 96 Resp: 58768
Ion Ratio Lower Upper
96 100
61 123.4 86.0 159.6
98 64.4 42.2 78.4

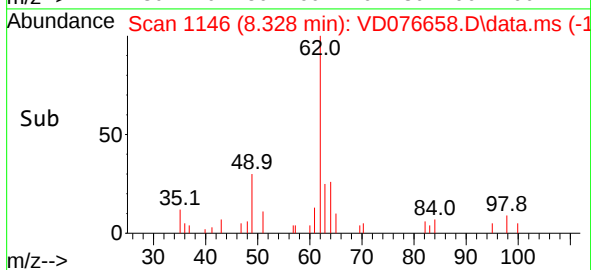
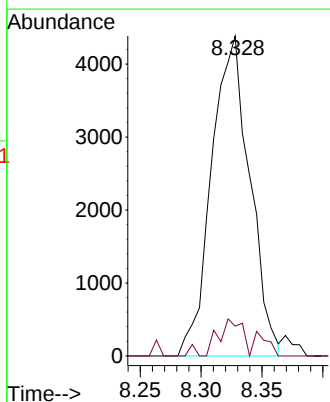
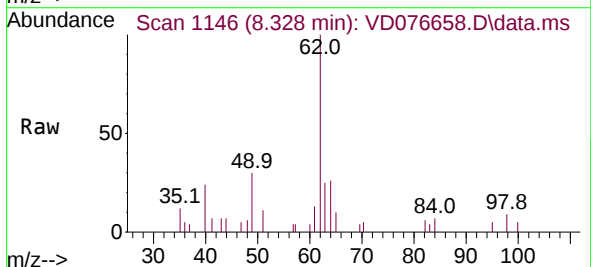
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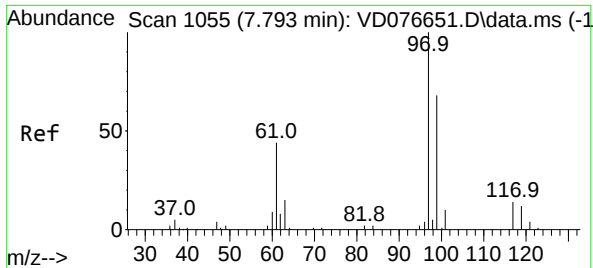
Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023



#27
1,2-Dichloroethane
Concen: 1.572 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD076658.D
Acq: 30 Jun 2023 13:15

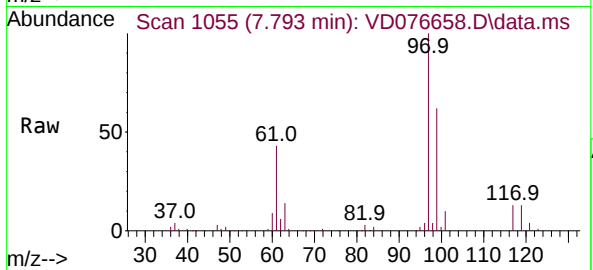
Tgt Ion: 62 Resp: 9567
Ion Ratio Lower Upper
62 100
98 9.3 8.7 13.1





#30
1,1,1-Trichloroethane
Concen: 58.545 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VD076658.D
Acq: 30 Jun 2023 13:15

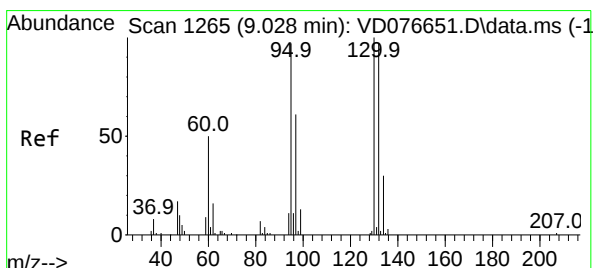
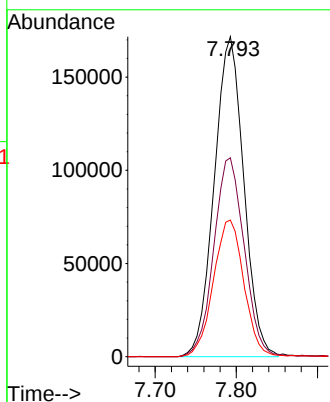
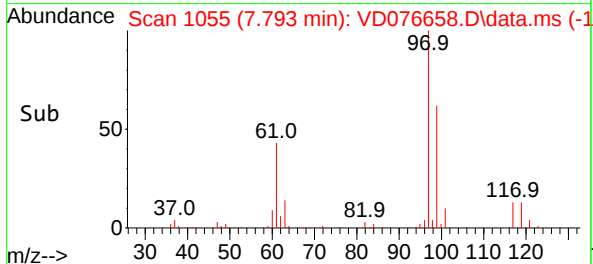
Instrument :
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Tgt Ion: 97 Resp: 434495
Ion Ratio Lower Upper
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99 63.9 51.0 76.6
61 44.0 36.4 54.6

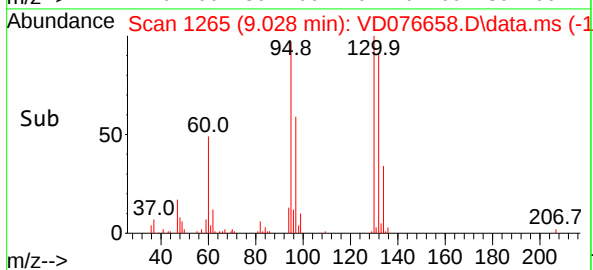
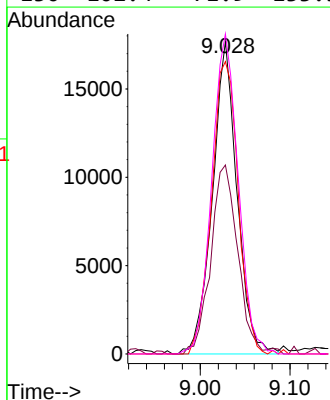
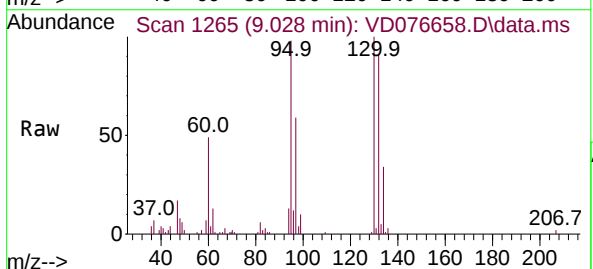
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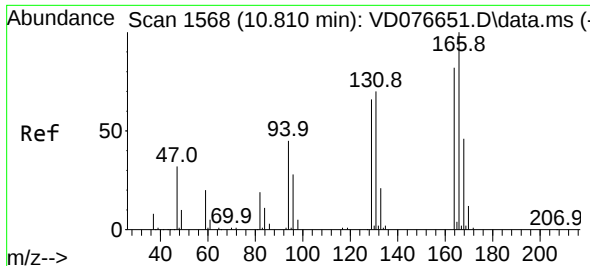
Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023



#34
Trichloroethene
Concen: 6.207 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076658.D
Acq: 30 Jun 2023 13:15

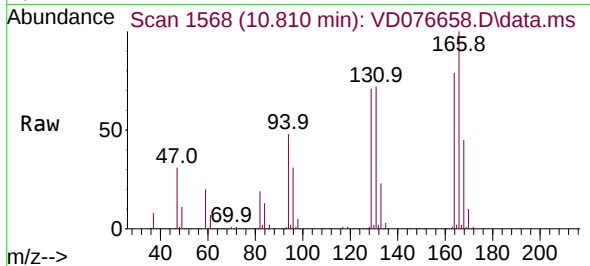
Tgt Ion: 95 Resp: 33714
Ion Ratio Lower Upper
95 100
97 60.5 43.1 80.1
132 93.6 71.8 133.4
130 102.4 71.9 133.5





#46
Tetrachloroethene
Concen: 63.355 ug/L
RT: 10.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076658.D
Acq: 30 Jun 2023 13:15

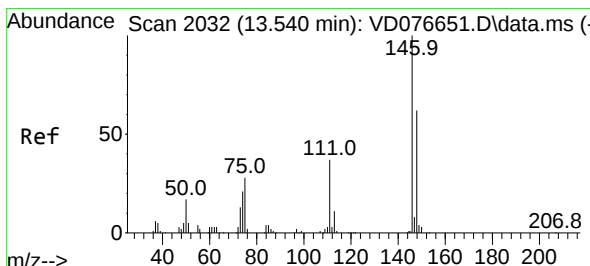
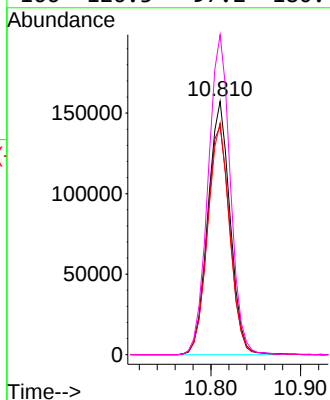
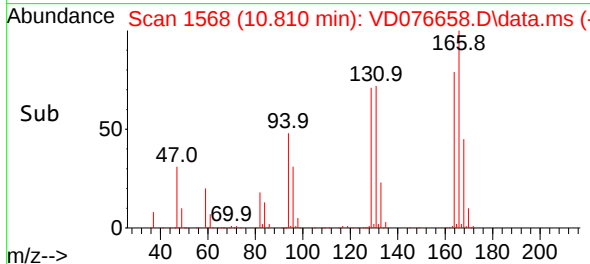
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A46S5



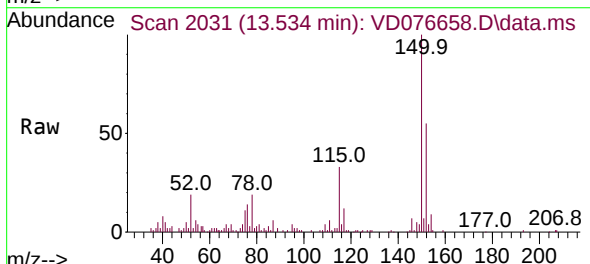
Tgt Ion:164 Resp: 27052
Ion Ratio Lower Upper
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129 90.3 65.5 121.6
131 91.5 64.8 120.3
166 126.3 97.2 180.4

Manual Integrations
APPROVED

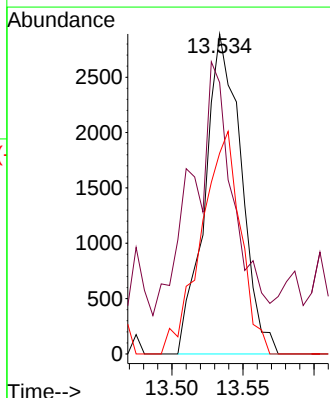
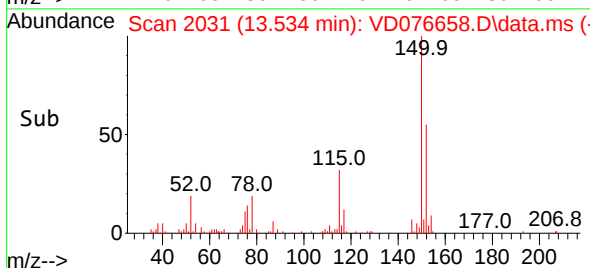
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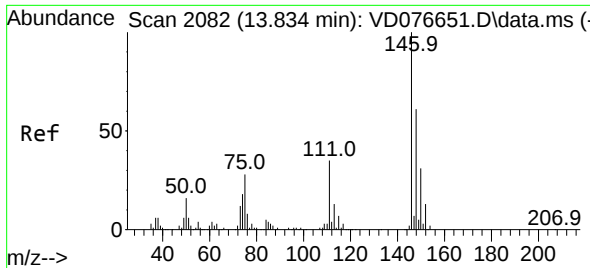


#65
1,4-Dichlorobenzene
Concen: 0.579 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD076658.D
Acq: 30 Jun 2023 13:15



Tgt Ion:146 Resp: 5132
Ion Ratio Lower Upper
146 100
111 84.8 25.7 47.7#
148 62.7 45.4 84.2





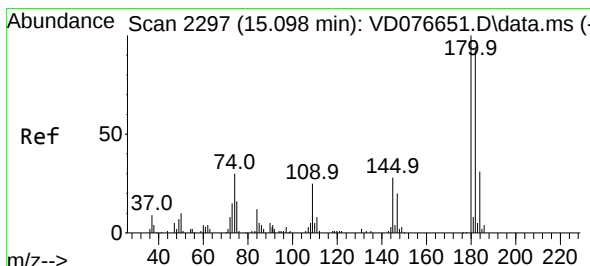
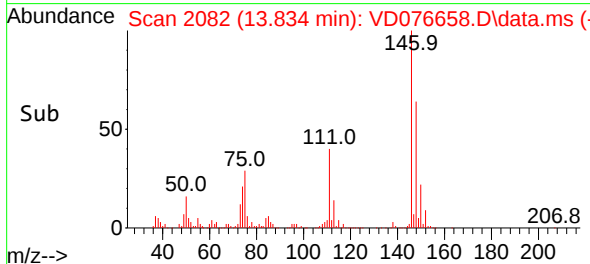
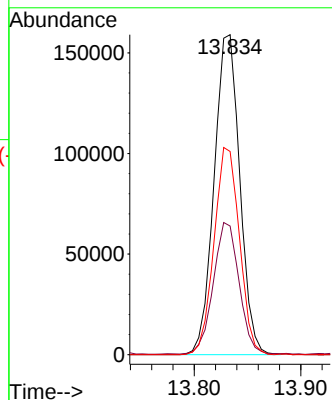
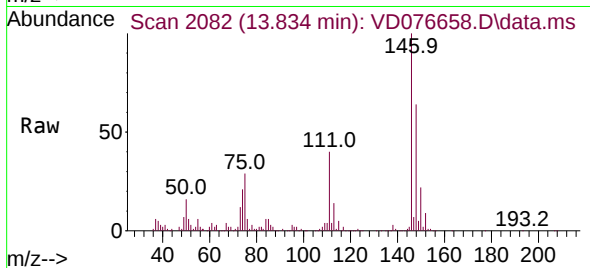
#67
1,2-Dichlorobenzene
Concen: 33.974 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VD076658.D
Acq: 30 Jun 2023 13:15

Instrument :
MSVOA_D
ClientSampleId :
A46S5

Tgt Ion:146 Resp: 26619
Ion Ratio Lower Upper
146 100
111 40.2 31.3 46.9
148 63.5 51.7 77.5

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023



#70
1,2,4-trichlorobenzene
Concen: 1.141 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VD076658.D
Acq: 30 Jun 2023 13:15

Tgt Ion:180 Resp: 5957
Ion Ratio Lower Upper
180 100
182 96.1 76.9 115.3
145 46.2 23.5 35.3#

