

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100623\
 Data File : VW032293.D
 Acq On : 06 Oct 2023 11:52
 Operator : SY/MD
 Sample : 04696-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT4-2023-08

Quant Time: Oct 09 01:36:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 07 05:00:49 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023
 Supervised By :Semsettin Yesilyurt 10/09/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	99818	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	96279	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	45391	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	27375	3.372	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.400%
7) Chloroethane-d5	1.532	69	26939	4.088	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.060	65	11761	3.435	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.800%
20) 2-Butanone-d5	3.802	46	81771	39.818	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.640%
24) Chloroform-d	4.249	84	57851	4.040	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
26) 1,2-Dichloroethane-d4	4.947	65	29187	4.303	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
32) Benzene-d6	4.963	84	110306	3.894	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.800%
36) 1,2-Dichloropropane-d6	5.992	67	36942	3.936	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.800%
41) Toluene-d8	7.246	98	100034	3.862	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
43) trans-1,3-Dichloroprop...	7.558	79	13067	3.929	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.600%
46) 2-Hexanone-d5	8.031	63	61230	39.126	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.260%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	28198	4.295	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.000%
66) 1,2-Dichlorobenzene-d4	11.564	152	38792	4.605	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	2795	0.251	ug/L	92
3) Chloromethane	1.217	50	3032	0.270	ug/L	97
5) Vinyl chloride	1.282	62	2596	0.243	ug/L #	79
6) Bromomethane	1.487	94	1593	0.247	ug/L	91
8) Chloroethane	1.548	64	1606	0.249	ug/L	99
9) Trichlorofluoromethane	1.716	101	3017	0.235	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	2112	0.272	ug/L	96
12) 1,1-Dichloroethene	2.069	96	2036	0.278	ug/L #	1
13) Acetone	2.130	43	4323	2.731	ug/L	90
14) Carbon disulfide	2.240	76	5128	0.200	ug/L	95
15) Methyl Acetate	2.388	43	774	0.217	ug/L #	64
16) Methylene chloride	2.449	84	2943	0.308	ug/L	97
17) Methyl tert-butyl Ether	2.709	73	3973	0.199	ug/L #	91
18) trans-1,2-Dichloroethene	2.700	96	1743	0.208	ug/L	99
19) 1,1-Dichloroethane	3.111	63	3365	0.213	ug/L	92
22) cis-1,2-Dichloroethene	3.822	96	1940	0.215	ug/L	94
23) Bromochloromethane	4.156	128	781	0.206	ug/L	97
27) 1,2-Dichloroethane	5.056	62	2216m	0.242	ug/L	
29) 1,1,1-Trichloroethane	4.513	97	2700	0.206	ug/L	93

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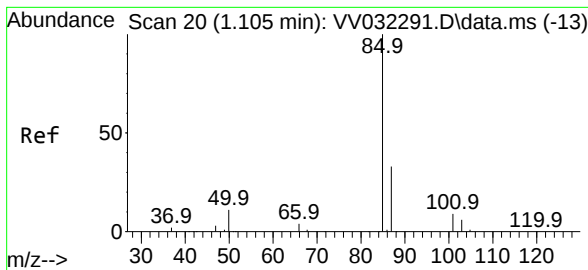
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	4.590	56	2977m	0.207	ug/L	
31) Carbon tetrachloride	4.738	117	2246	0.203	ug/L	99
33) Benzene	5.018	78	7007	0.207	ug/L	100
34) Trichloroethene	5.841	95	2422	0.262	ug/L	90
35) Methylcyclohexane	6.053	83	4018	0.281	ug/L #	75
37) 1,2-Dichloropropane	6.108	63	2119	0.234	ug/L #	87
38) Bromodichloromethane	6.442	83	2329	0.216	ug/L #	91
39) cis-1,3-Dichloropropene	6.973	75	2803	0.217	ug/L	94
40) 4-Methyl-2-pentanone	7.172	43	11109	1.936	ug/L #	85
42) Toluene	7.326	91	7664	0.212	ug/L	87
44) trans-1,3-Dichloropropene	7.600	75	1978m	0.187	ug/L	
45) 1,1,2-Trichloroethane	7.783	97	1373	0.215	ug/L	94
47) Tetrachloroethene	7.912	164	1612	0.230	ug/L	95
48) 2-Hexanone	8.088	43	15211	3.758	ug/L	95
49) Dibromochloromethane	8.182	129	1318	0.198	ug/L #	71
50) 1,2-Dibromoethane	8.291	107	1315	0.217	ug/L #	88
51) Chlorobenzene	8.818	112	5149	0.221	ug/L	92
52) Ethylbenzene	8.957	91	8100	0.201	ug/L	99
53) m,p-Xylene	9.079	106	2670	0.179	ug/L	89
54) o-Xylene	9.484	106	2645	0.184	ug/L	91
55) Styrene	9.506	104	4228	0.174	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.182	83	1792	0.255	ug/L #	93
59) Bromoform	9.674	173	615	0.186	ug/L #	86
60) Isopropylbenzene	9.873	105	7083	0.201	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	1311	0.271	ug/L #	87
62) 1,3,5-Trimethylbenzene	10.484	105	5708	0.199	ug/L	98
63) 1,2,4-Trimethylbenzene	10.857	105	5720	0.200	ug/L	97
64) 1,3-Dichlorobenzene	11.127	146	3872	0.230	ug/L	96
65) 1,4-Dichlorobenzene	11.214	146	4168	0.247	ug/L	95
67) 1,2-Dichlorobenzene	11.587	146	3687	0.240	ug/L	98
69) 1,3,5-Trichlorobenzene	12.587	180	2804	0.227	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	2667	0.244	ug/L	94
71) Naphthalene	13.448	128	4108	0.221	ug/L	96
72) 1,2,3-Trichlorobenzene	13.686	180	2261	0.240	ug/L	96

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



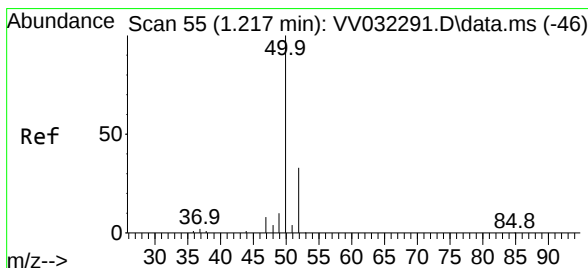
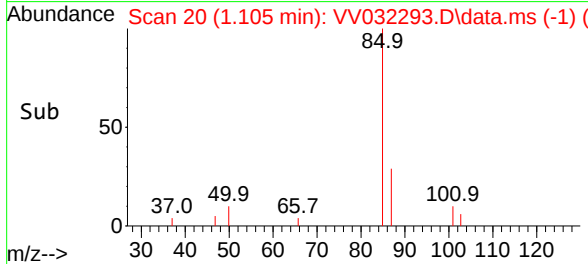
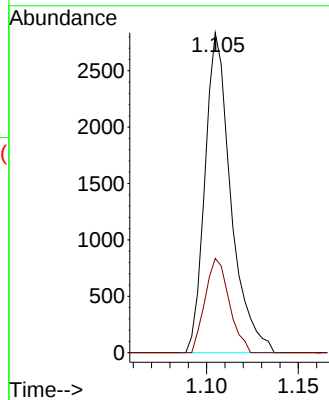
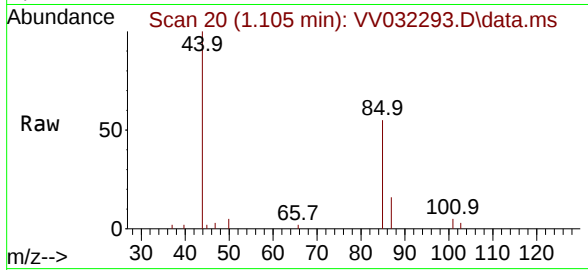
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Dichlorodifluoromethane
Concen: 0.251 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV032293.D
Acq: 06 Oct 2023 11:52

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-08

Tgt Ion: 85 Resp: 279
Ion Ratio Lower Upper
85 100
87 27.4 25.5 38.3

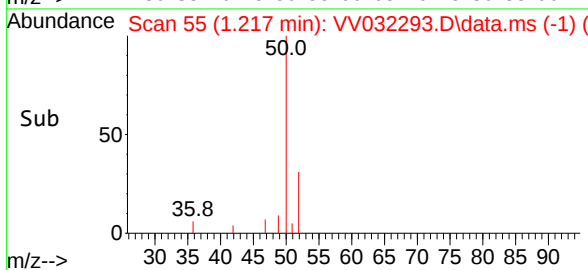
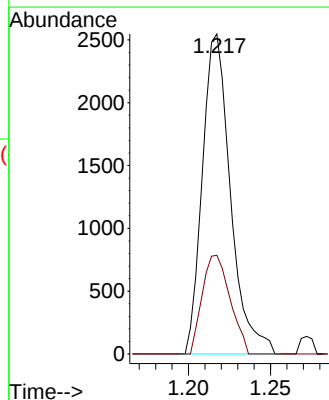
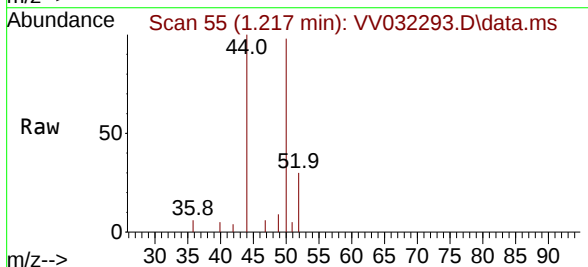
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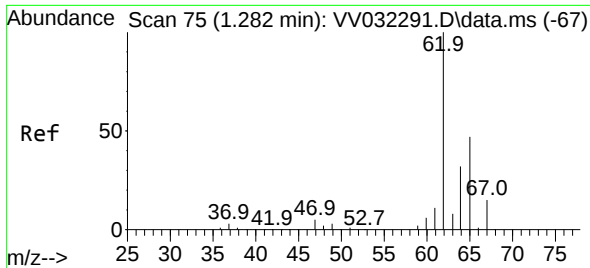
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#3
Chloromethane
Concen: 0.270 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.000 min
Lab File: VV032293.D
Acq: 06 Oct 2023 11:52

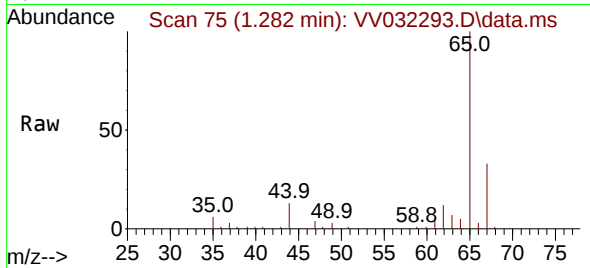
Tgt Ion: 50 Resp: 3032
Ion Ratio Lower Upper
50 100
52 30.9 23.0 42.6





#5
 Vinyl chloride
 Concen: 0.243 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV032293.D
 Acq: 06 Oct 2023 11:52

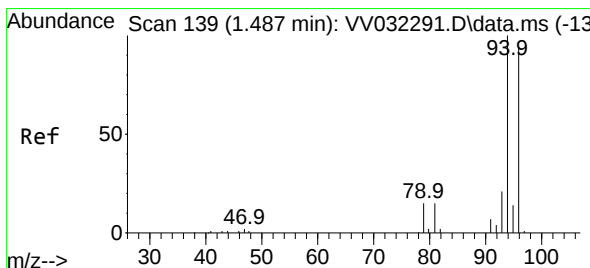
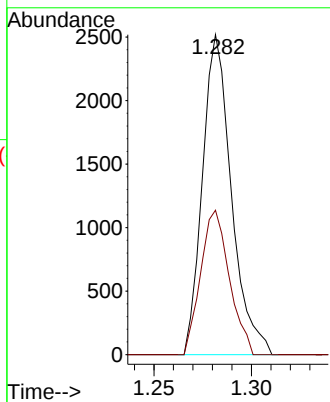
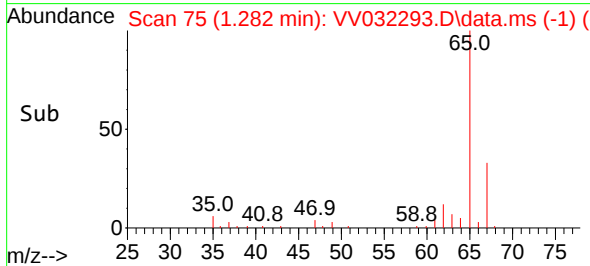
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT4-2023-08



Tgt Ion: 62 Resp: 2590
 Ion Ratio Lower Upper
 62 100
 64 45.1 23.1 42.9

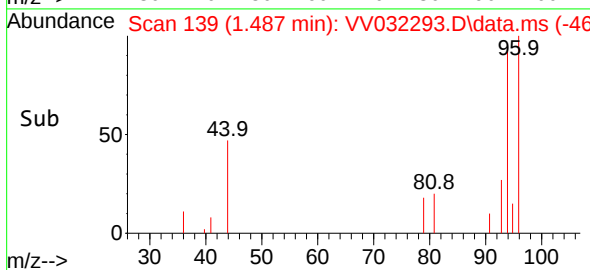
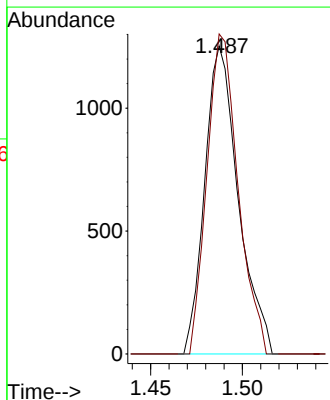
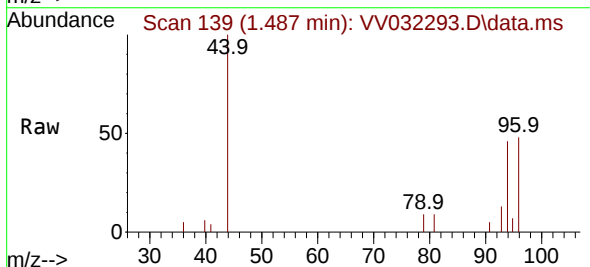
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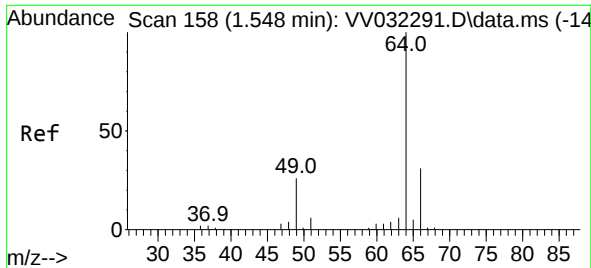
Reviewed By :Mahesh Dadoda 10/09/2023
 Supervised By :Semsettin Yesilyurt 10/09/2023



#6
 Bromomethane
 Concen: 0.247 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV032293.D
 Acq: 06 Oct 2023 11:52

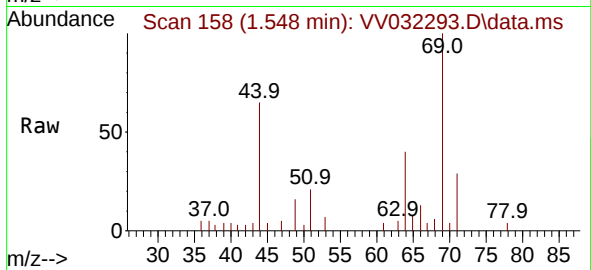
Tgt Ion: 94 Resp: 1593
 Ion Ratio Lower Upper
 94 100
 96 103.9 66.8 124.2





#8
Chloroethane
Concen: 0.249 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032293.D
Acq: 06 Oct 2023 11:52

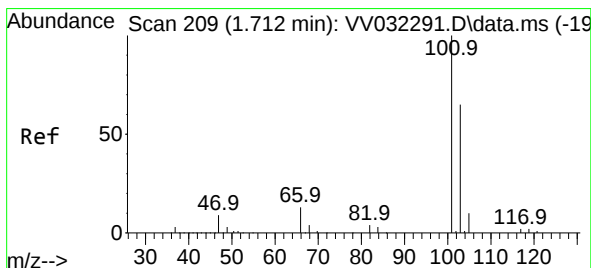
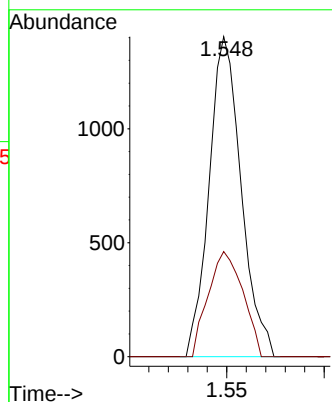
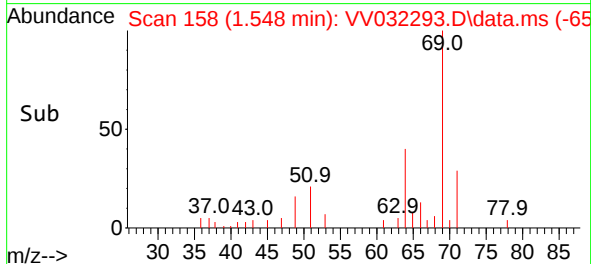
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-08



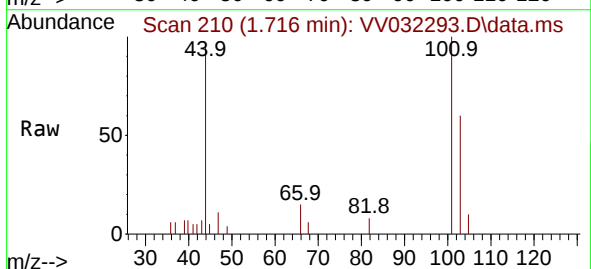
Tgt Ion: 64 Resp: 1600
Ion Ratio Lower Upper
64 100
66 32.8 22.6 42.0

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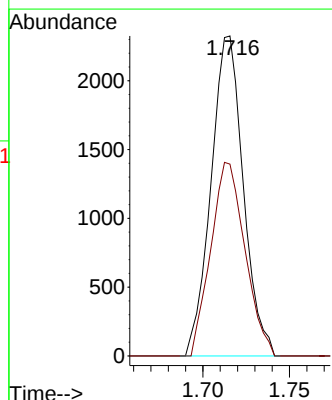
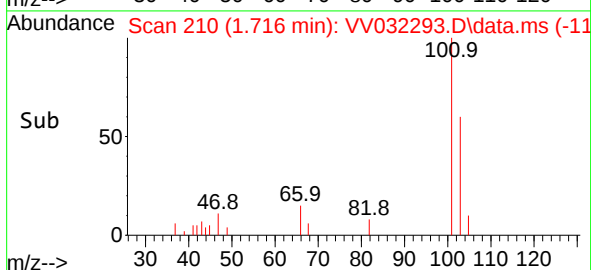
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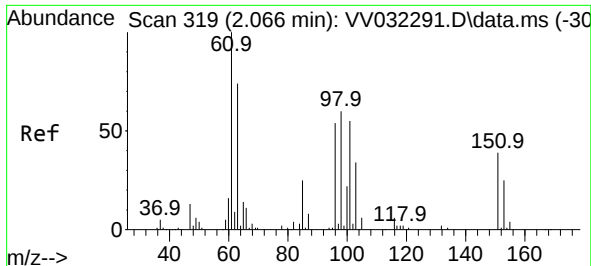


#9
Trichlorofluoromethane
Concen: 0.235 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV032293.D
Acq: 06 Oct 2023 11:52



Tgt Ion:101 Resp: 3017
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.272 ug/L

RT: 2.069 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV032293.D

Acq: 06 Oct 2023 11:52

Instrument :

MSVOA_V

ClientSampleId :

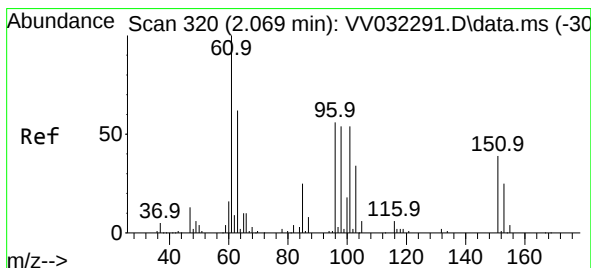
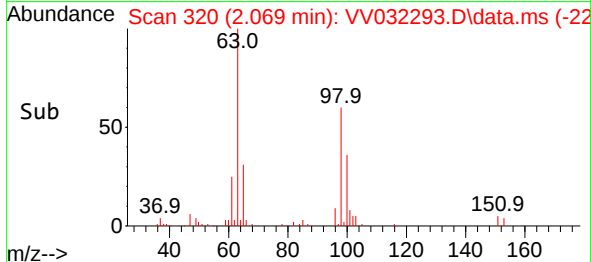
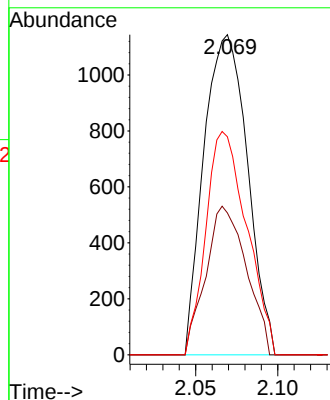
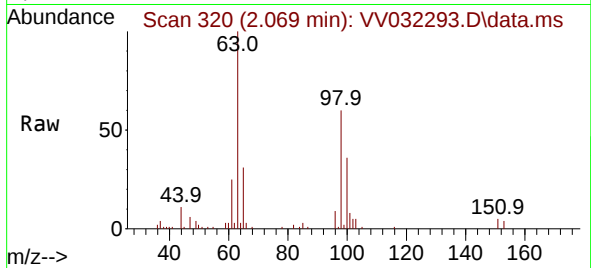
MDL-WATER-QT4-2023-08

Tgt Ion:	101	Resp:	211
Ion Ratio	Lower	Upper	
101	100		
85	43.2	35.0	52.6
151	65.4	56.6	84.8

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 0.278 ug/L

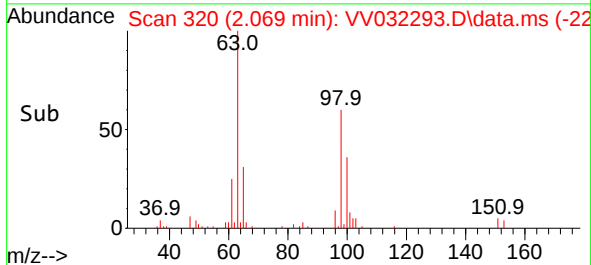
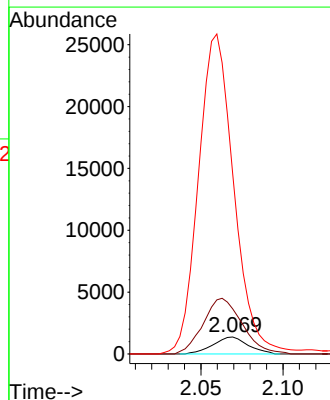
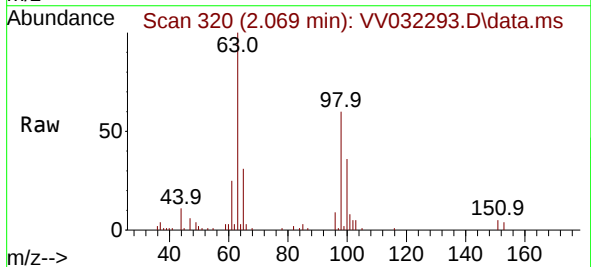
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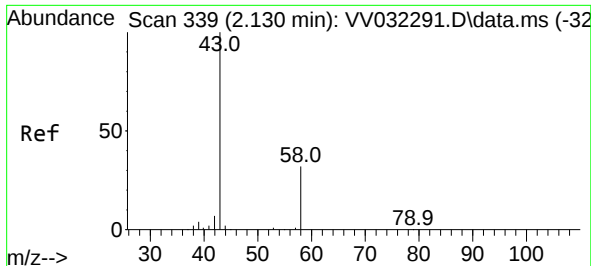
Delta R.T. 0.000 min

Lab File: VV032293.D

Acq: 06 Oct 2023 11:52

Tgt Ion:	96	Resp:	2036
Ion Ratio	Lower	Upper	
96	100		
61	266.4	127.3	236.3#
63	1065.3	98.3	182.7#





#13

Acetone

Concen: 2.731 ug/L

RT: 2.130 min Scan# 339

Delta R.T. 0.000 min

Lab File: VV032293.D

Acq: 06 Oct 2023 11:52

Instrument :

MSVOA_V

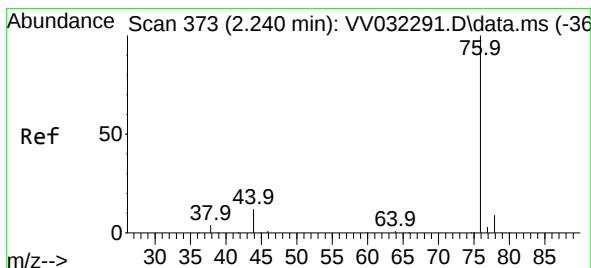
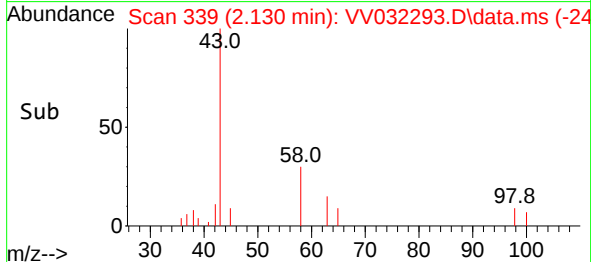
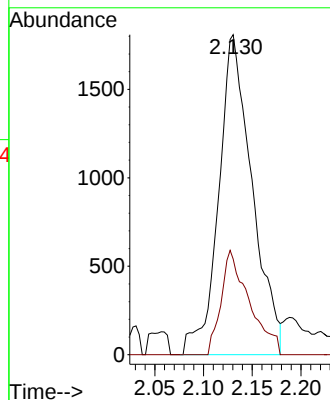
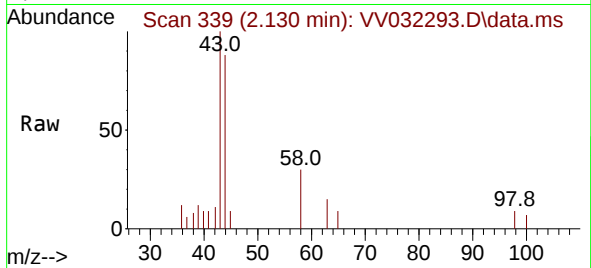
ClientSampleId :

MDL-WATER-QT4-2023-08

Tgt Ion: 43 Resp: 432
 Ion Ratio Lower Upper
 43 100
 58 27.6 0.0 66.0

Manual Integrations
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 Supervised By :Semsettin Yesilyurt 10/09/2023



#14

Carbon disulfide

Concen: 0.200 ug/L

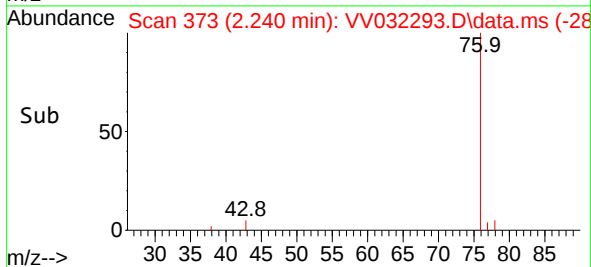
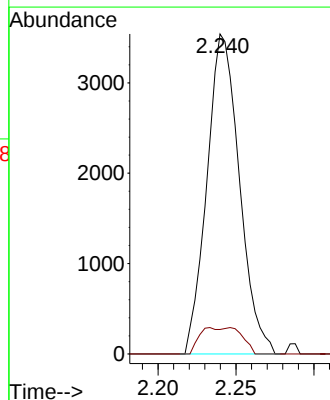
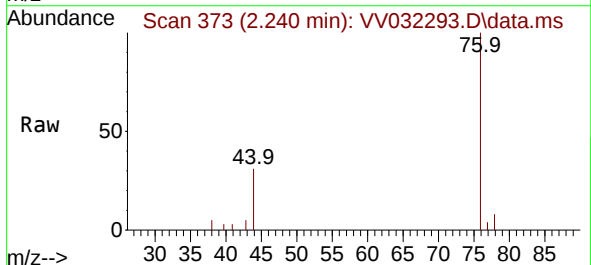
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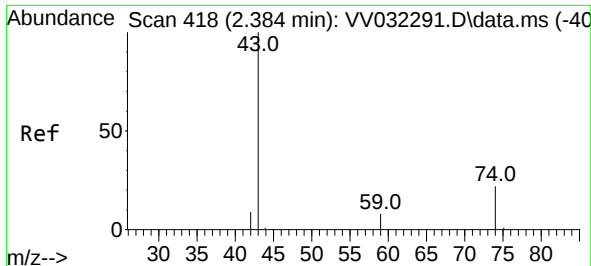
Delta R.T. 0.000 min

Lab File: VV032293.D

Acq: 06 Oct 2023 11:52

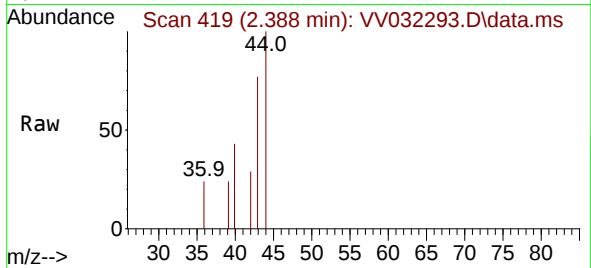
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 Ion Ratio Lower Upper
 76 100
 78 7.7 7.4 11.2





#15
Methyl Acetate
Concen: 0.217 ug/L
RT: 2.388 min Scan# 418
Delta R.T. 0.003 min
Lab File: VV032293.D
Acq: 06 Oct 2023 11:52

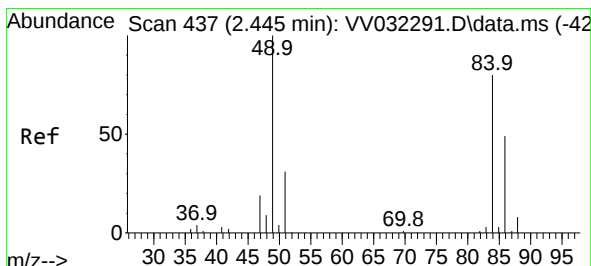
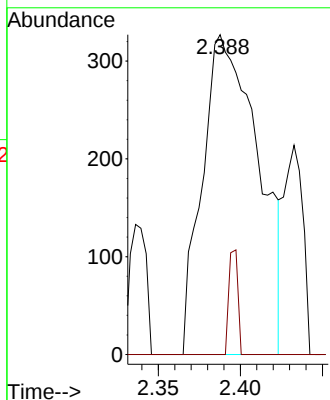
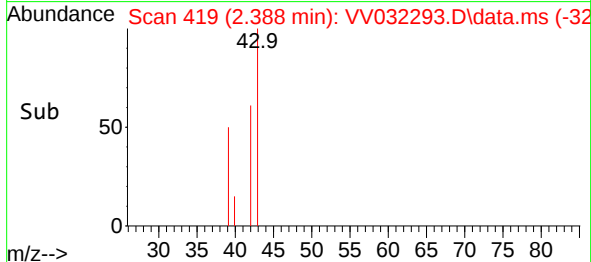
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-08



Tgt Ion: 43 Resp: 774
Ion Ratio Lower Upper
43 100
74 5.3 18.0 27.0

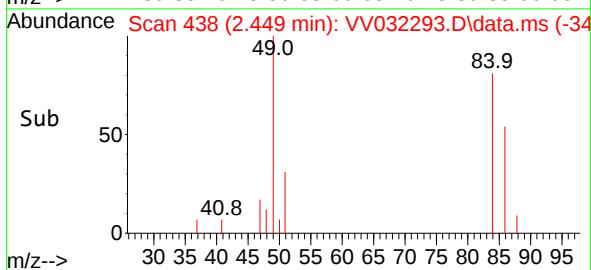
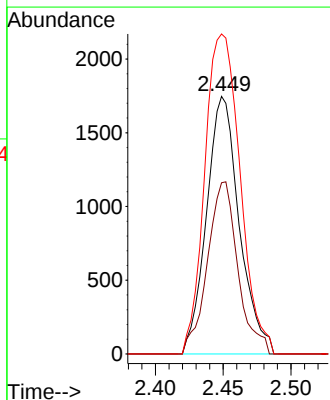
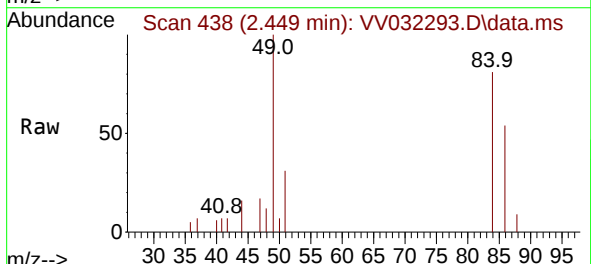
Manual Integrations
APPROVED

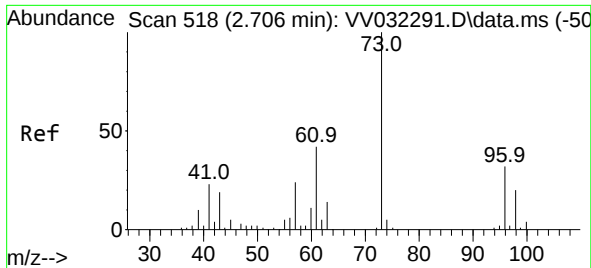
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#16
Methylene chloride
Concen: 0.308 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.003 min
Lab File: VV032293.D
Acq: 06 Oct 2023 11:52

Tgt Ion: 84 Resp: 2943
Ion Ratio Lower Upper
84 100
86 66.5 43.2 80.2
49 124.2 86.3 160.3





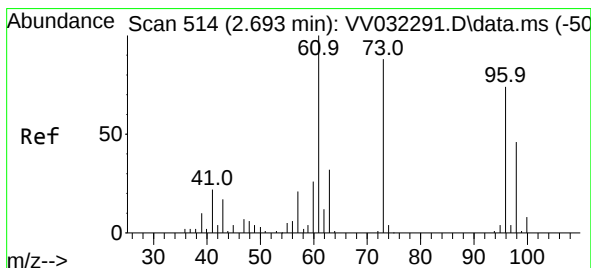
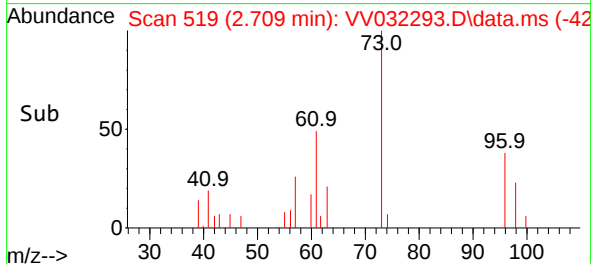
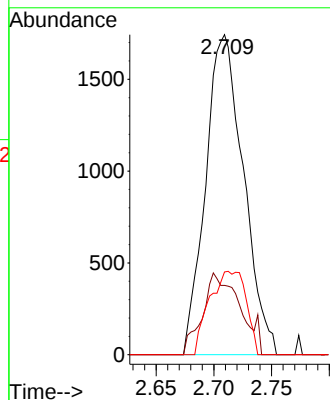
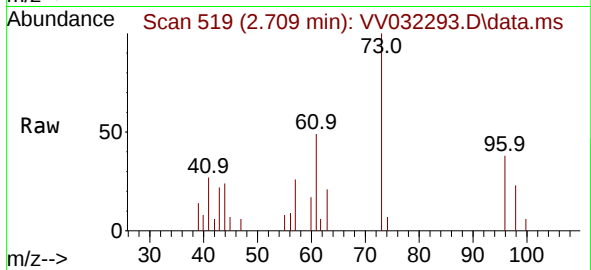
#17
Methyl tert-butyl Ether
Concen: 0.199 ug/L
RT: 2.709 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV032293.D
Acq: 06 Oct 2023 11:52

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-08

Tgt Ion: 73 Resp: 397
Ion Ratio Lower Upper
73 100
43 25.3 15.1 22.7
57 25.1 18.3 27.5

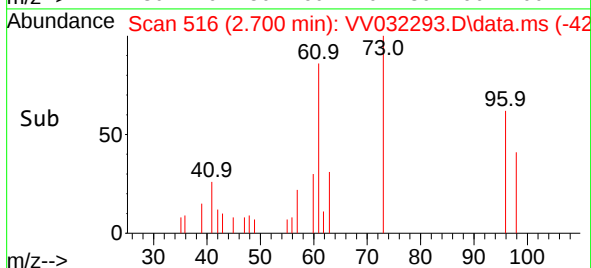
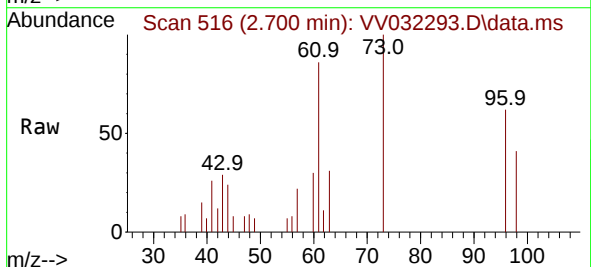
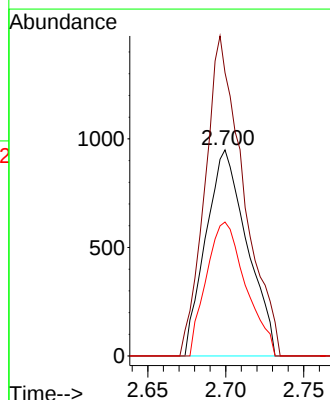
Manual Integrations
APPROVED

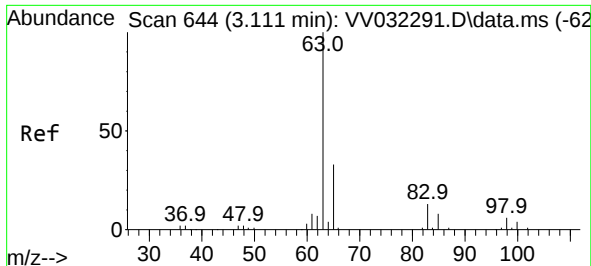
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#18
trans-1,2-Dichloroethene
Concen: 0.208 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.006 min
Lab File: VV032293.D
Acq: 06 Oct 2023 11:52

Tgt Ion: 96 Resp: 1743
Ion Ratio Lower Upper
96 100
61 137.5 96.9 180.1
98 65.0 45.3 84.1





#19

1,1-Dichloroethane

Concen: 0.213 ug/L

RT: 3.111 min Scan# 644

Delta R.T. 0.000 min

Lab File: VV032293.D

Acq: 06 Oct 2023 11:52

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2023-08

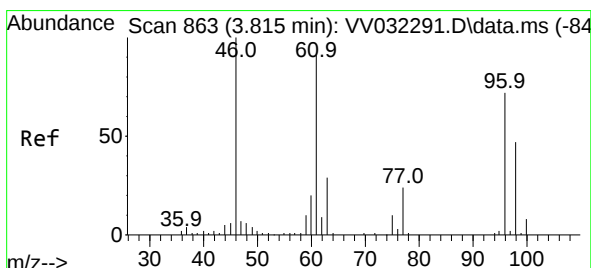
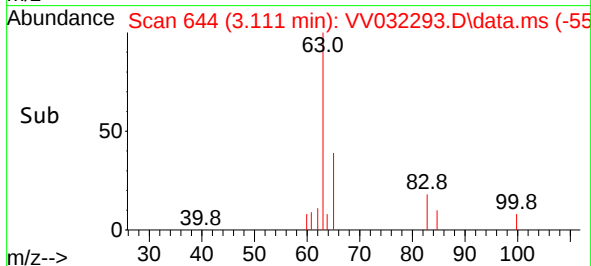
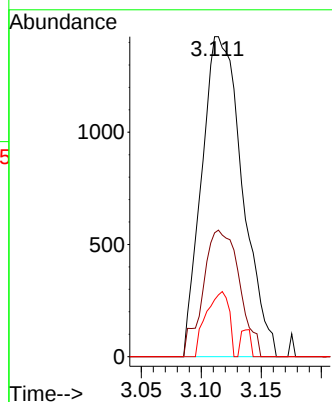
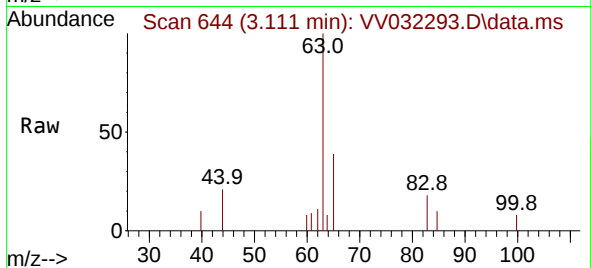
Tgt Ion: 63 Resp: 336

Ion	Ratio	Lower	Upper
63	100		
65	35.8	22.3	41.5
83	16.5	9.0	16.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#22

cis-1,2-Dichloroethene

Concen: 0.215 ug/L

RT: 3.822 min Scan# 865

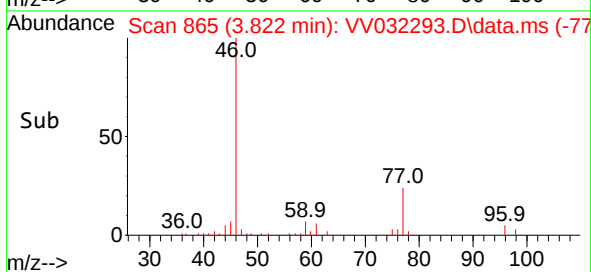
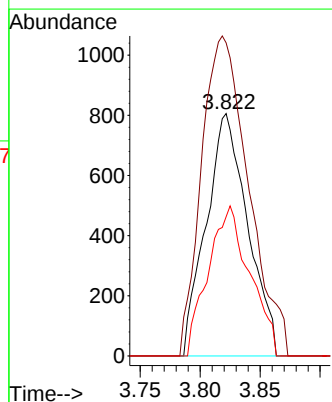
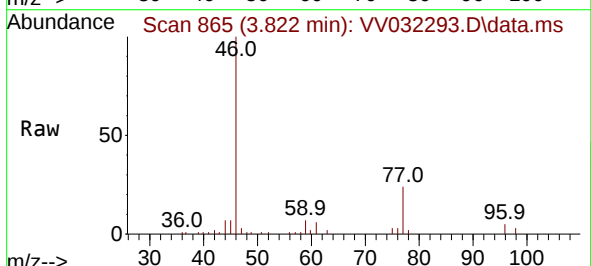
Delta R.T. 0.006 min

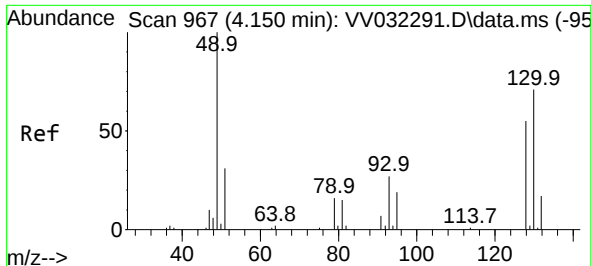
Lab File: VV032293.D

Acq: 06 Oct 2023 11:52

Tgt Ion: 96 Resp: 1940

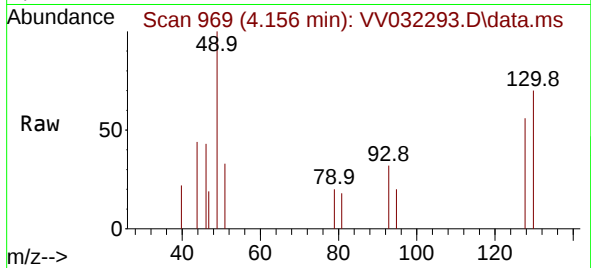
Ion	Ratio	Lower	Upper
96	100		
61	129.2	85.8	159.4
98	57.4	44.0	81.6





#23
Bromochloromethane
Concen: 0.206 ug/L
RT: 4.156 min Scan# 969
Delta R.T. 0.006 min
Lab File: VV032293.D
Acq: 06 Oct 2023 11:52

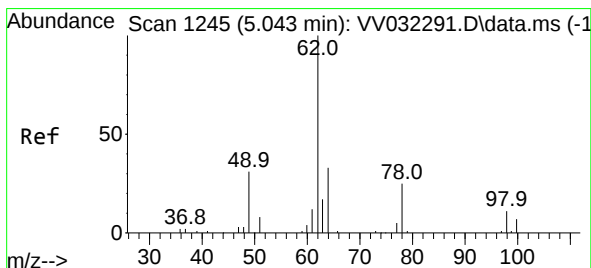
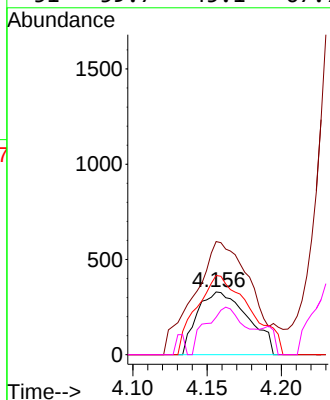
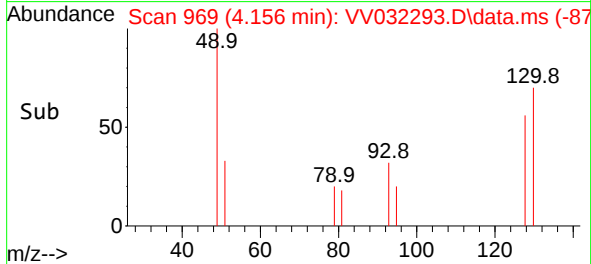
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-08



Tgt Ion:128 Resp: 78
Ion Ratio Lower Upper
128 100
49 180.0 121.2 225.0
130 126.1 88.2 163.8
51 59.7 45.1 67.7

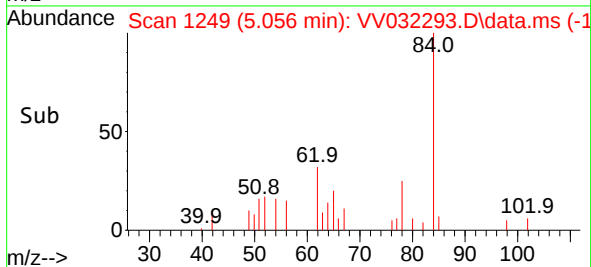
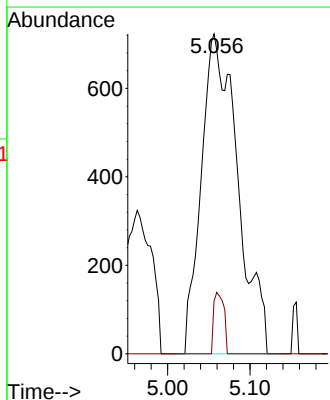
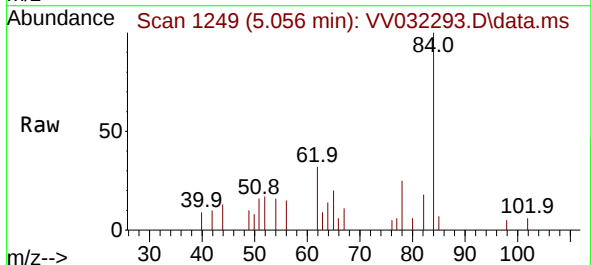
Manual Integrations
APPROVED

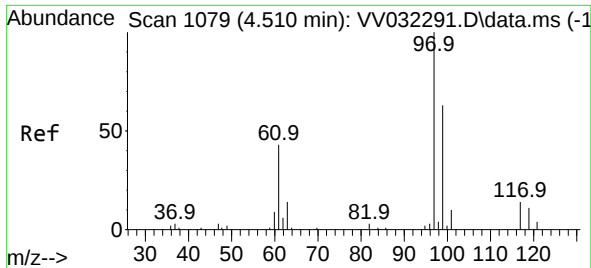
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#27
1,2-Dichloroethane
Concen: 0.242 ug/L m
RT: 5.056 min Scan# 1249
Delta R.T. 0.013 min
Lab File: VV032293.D
Acq: 06 Oct 2023 11:52

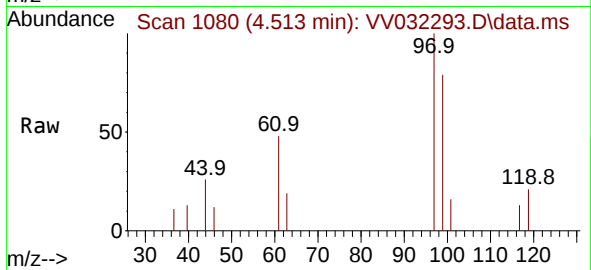
Tgt Ion: 62 Resp: 2216
Ion Ratio Lower Upper
62 100
98 16.5 7.8 11.8#





#29
1,1,1-Trichloroethane
Concen: 0.206 ug/L
RT: 4.513 min Scan# 1104
Delta R.T. 0.003 min
Lab File: VV032293.D
Acq: 06 Oct 2023 11:52

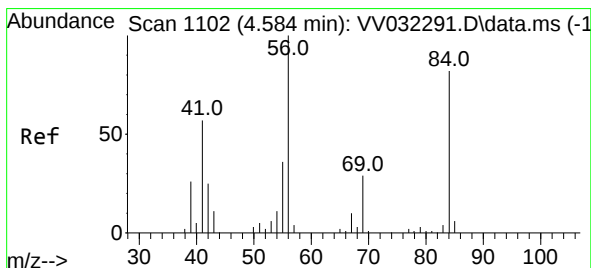
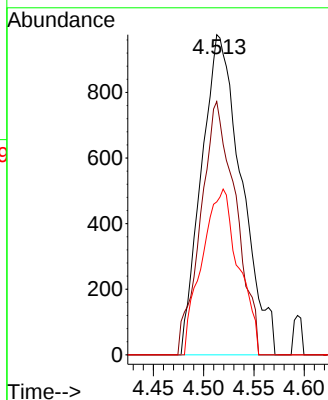
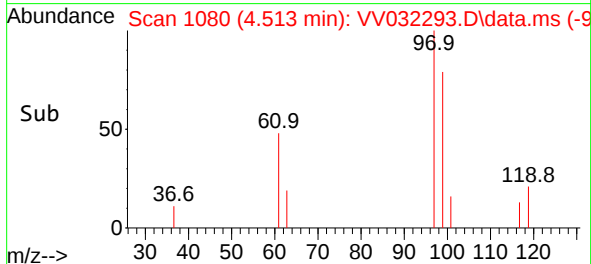
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-08



Tgt Ion: 97 Resp: 2700
Ion Ratio Lower Upper
97 100
99 69.4 50.1 75.1
61 47.2 35.1 52.7

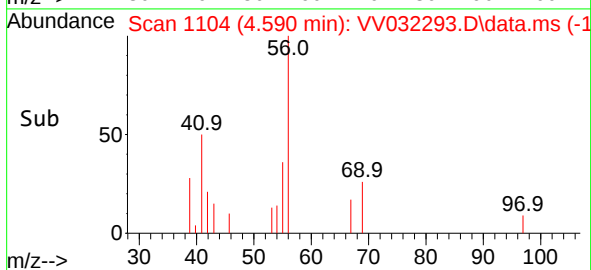
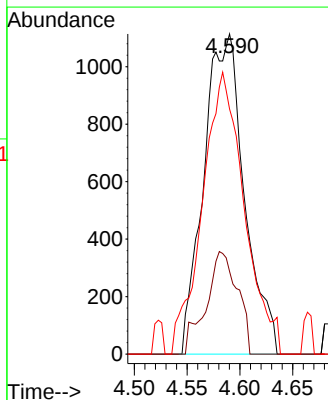
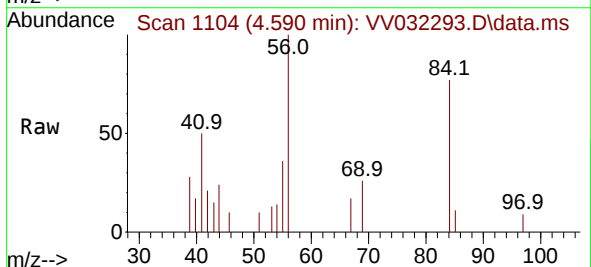
Manual Integrations
APPROVED

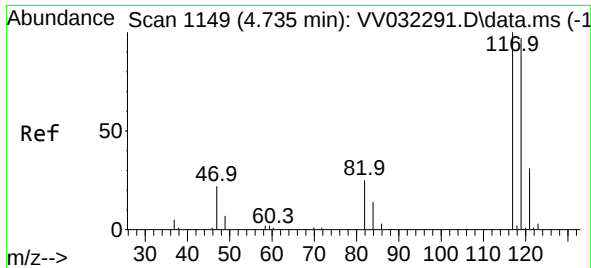
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#30
Cyclohexane
Concen: 0.207 ug/L m
RT: 4.590 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VV032293.D
Acq: 06 Oct 2023 11:52

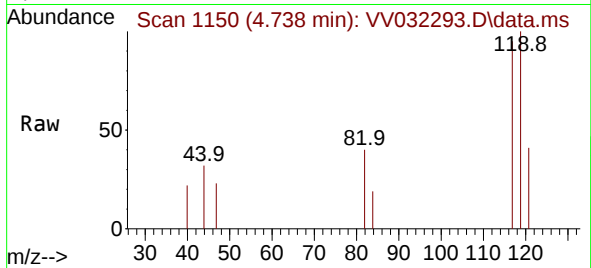
Tgt Ion: 56 Resp: 2977
Ion Ratio Lower Upper
56 100
69 24.8 24.2 36.2
84 91.0 68.1 102.1





#31
Carbon tetrachloride
Concen: 0.203 ug/L
RT: 4.738 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV032293.D
Acq: 06 Oct 2023 11:52

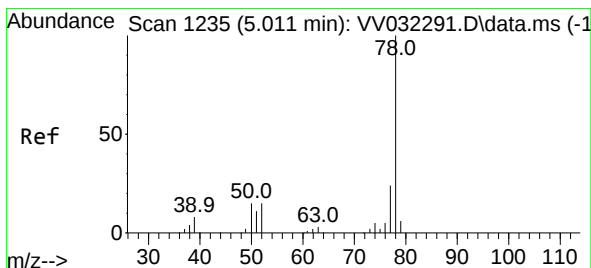
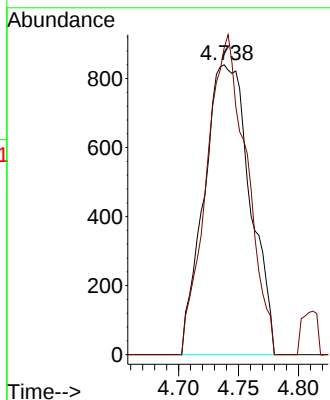
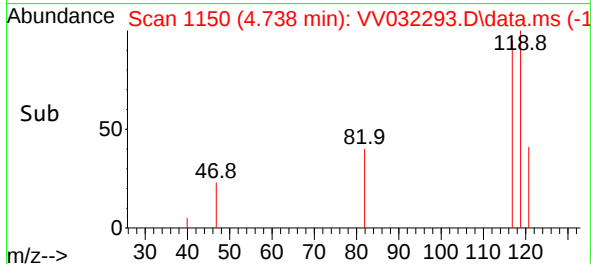
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-08



Tgt Ion:117 Resp: 2240
Ion Ratio Lower Upper
117 100
119 96.4 77.6 116.4

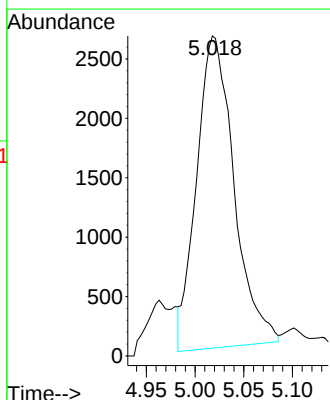
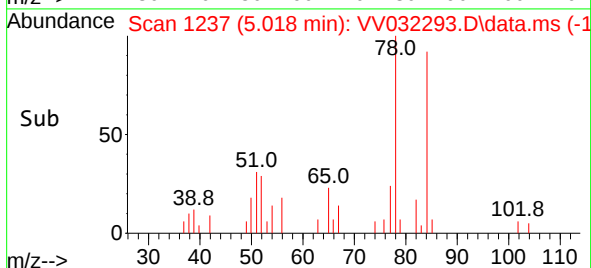
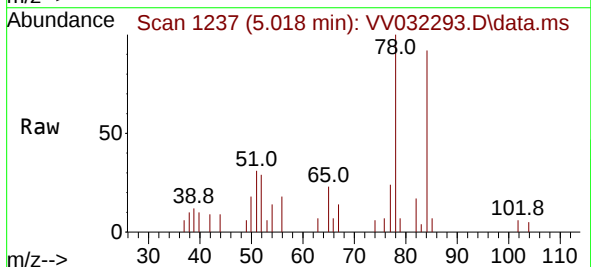
Manual Integrations
APPROVED

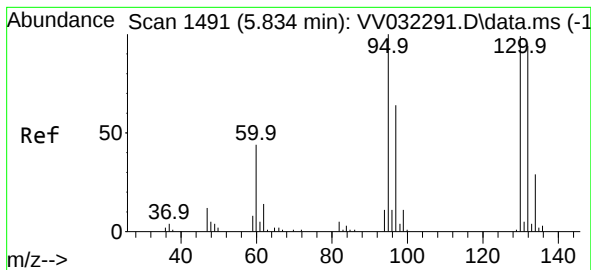
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#33
Benzene
Concen: 0.207 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.006 min
Lab File: VV032293.D
Acq: 06 Oct 2023 11:52

Tgt Ion: 78 Resp: 7007





#34

Trichloroethene

Concen: 0.262 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VV032293.D

Acq: 06 Oct 2023 11:52

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2023-08

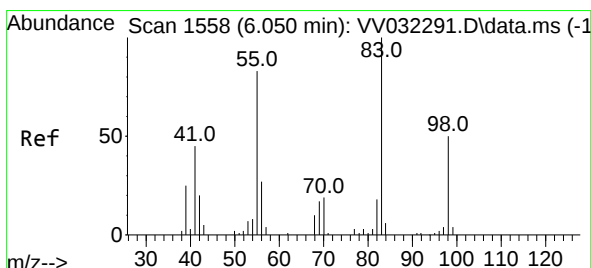
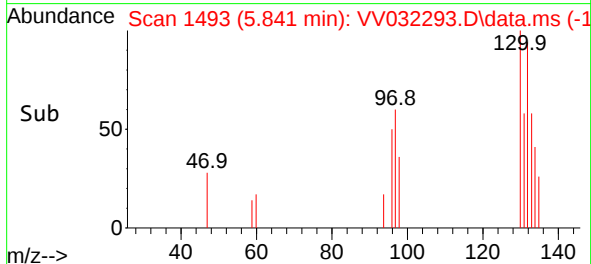
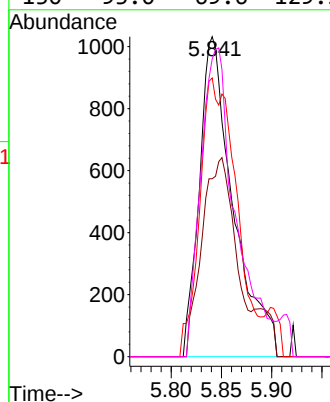
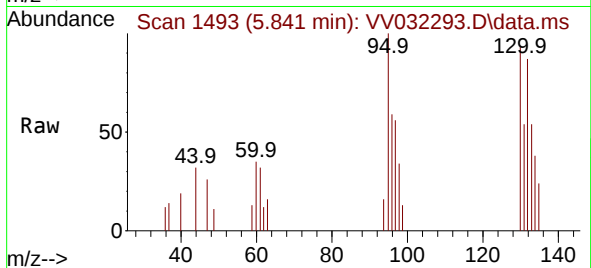
Tgt Ion: 95 Resp: 242

Ion	Ratio	Lower	Upper
95	100		
97	55.6	45.7	84.9
132	87.1	70.3	130.5
130	93.0	69.6	129.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#35

Methylcyclohexane

Concen: 0.281 ug/L

RT: 6.053 min Scan# 1559

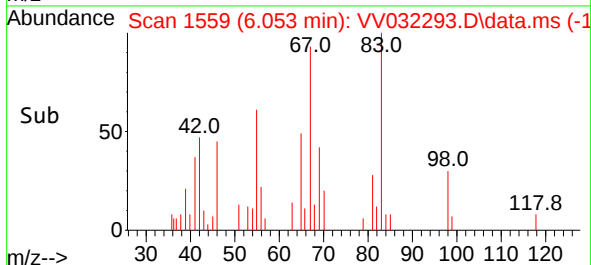
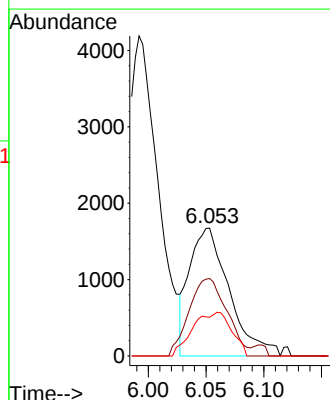
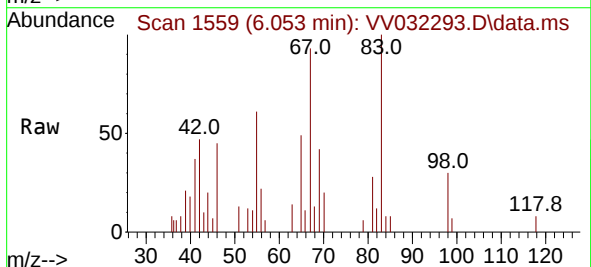
Delta R.T. 0.003 min

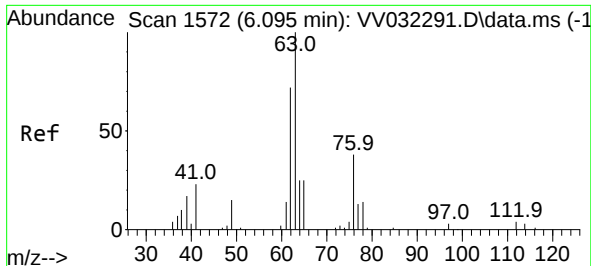
Lab File: VV032293.D

Acq: 06 Oct 2023 11:52

Tgt Ion: 83 Resp: 4018

Ion	Ratio	Lower	Upper
83	100		
55	57.7	64.2	96.2#
98	33.4	39.6	59.4#





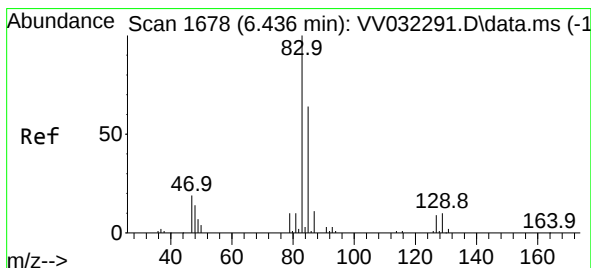
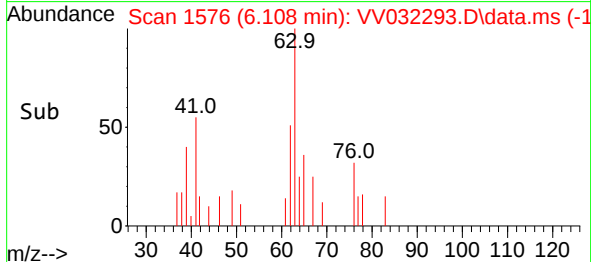
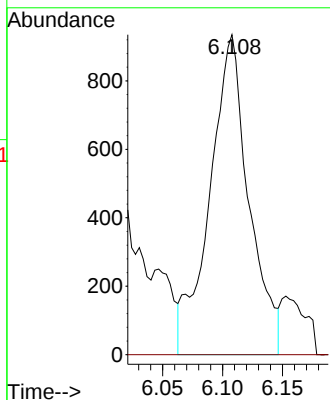
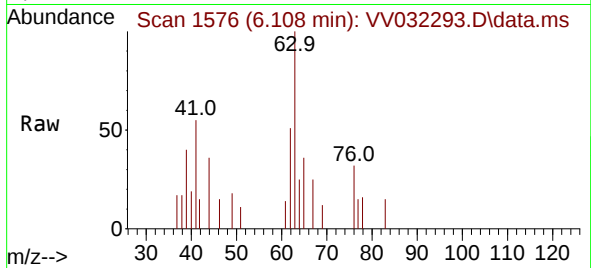
#37
1,2-Dichloropropane
Concen: 0.234 ug/L
RT: 6.108 min Scan# 1576
Delta R.T. 0.013 min
Lab File: VV032293.D
Acq: 06 Oct 2023 11:52

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT4-2023-08

Tgt Ion: 63 Resp: 2119
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2

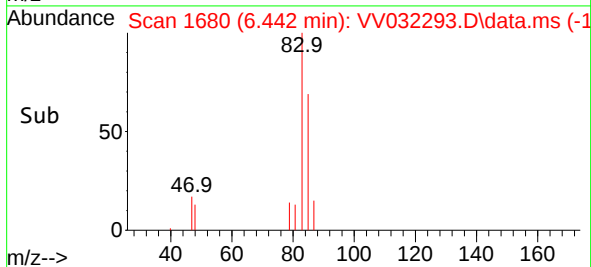
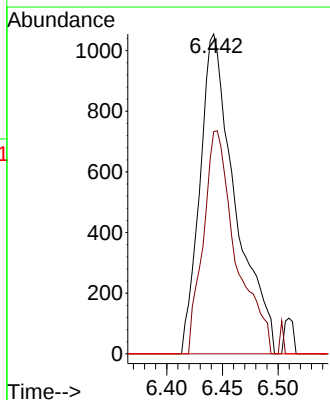
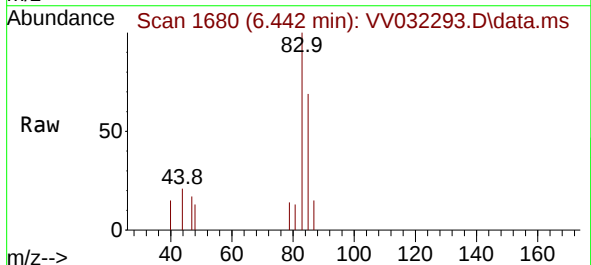
Manual Integrations
APPROVED

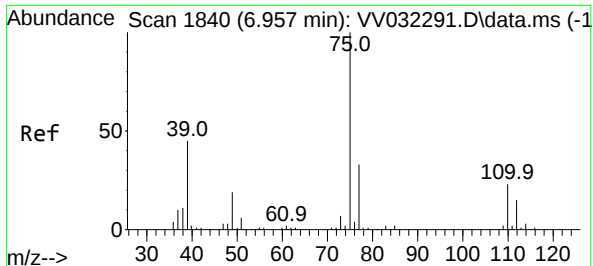
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#38
Bromodichloromethane
Concen: 0.216 ug/L
RT: 6.442 min Scan# 1680
Delta R.T. 0.006 min
Lab File: VV032293.D
Acq: 06 Oct 2023 11:52

Tgt Ion: 83 Resp: 2329
Ion Ratio Lower Upper
83 100
85 69.5 44.9 83.3
127 0.0 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 0.217 ug/L

RT: 6.973 min Scan# 11

Delta R.T. 0.016 min

Lab File: VV032293.D

Acq: 06 Oct 2023 11:52

Instrument :

MSVOA_V

ClientSampleId :

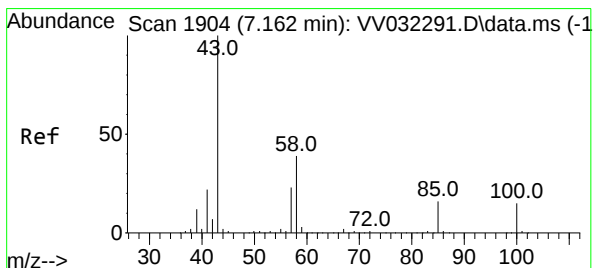
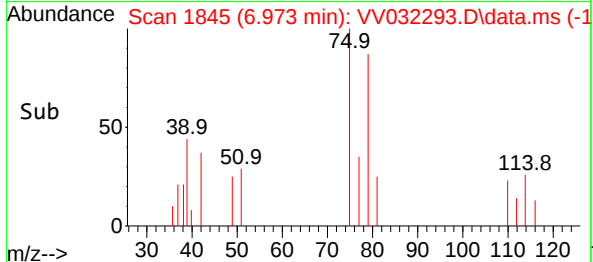
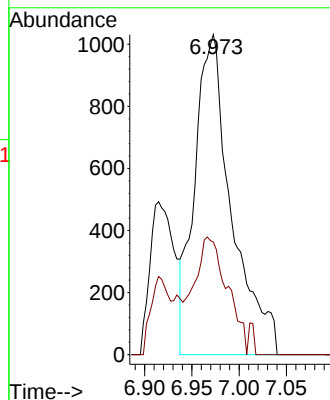
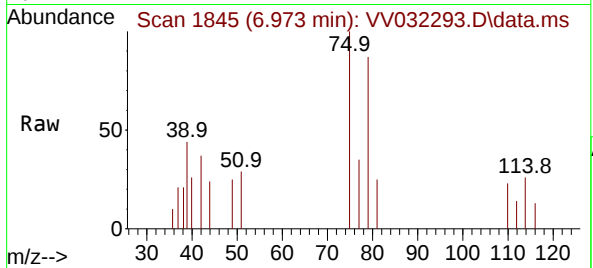
MDL-WATER-QT4-2023-08

Tgt Ion: 75	Resp: 280
Ion Ratio	Lower Upper
75 100	
77 35.2	22.2 41.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#40

4-Methyl-2-pentanone

Concen: 1.936 ug/L

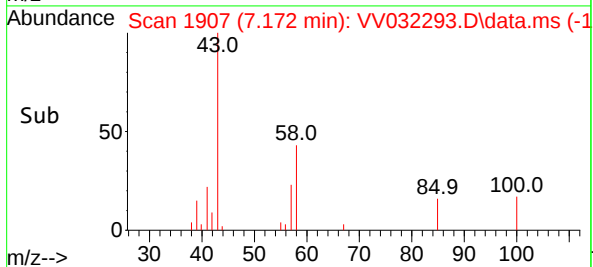
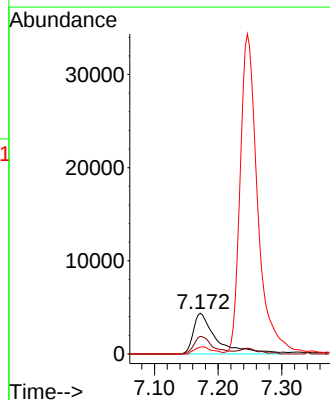
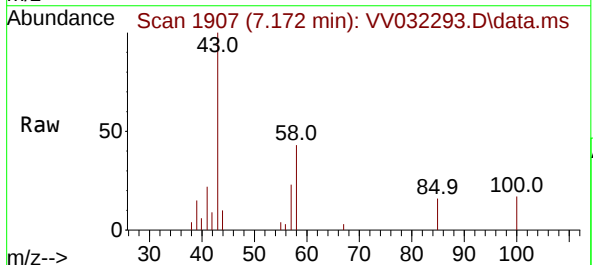
RT: 7.172 min Scan# 1907

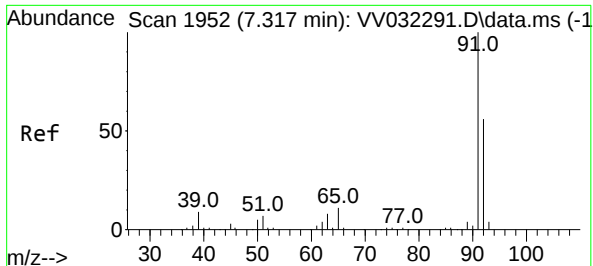
Delta R.T. 0.010 min

Lab File: VV032293.D

Acq: 06 Oct 2023 11:52

Tgt Ion: 43	Resp: 11109
Ion Ratio	Lower Upper
43 100	
58 35.1	31.9 47.9
100 0.0	11.3 16.9





#42

Toluene

Concen: 0.212 ug/L

RT: 7.326 min Scan# 1955

Delta R.T. 0.010 min

Lab File: VV032293.D

Acq: 06 Oct 2023 11:52

Instrument :

MSVOA_V

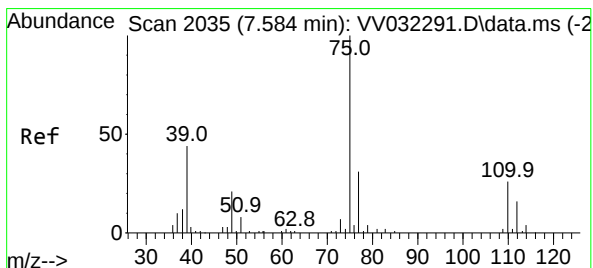
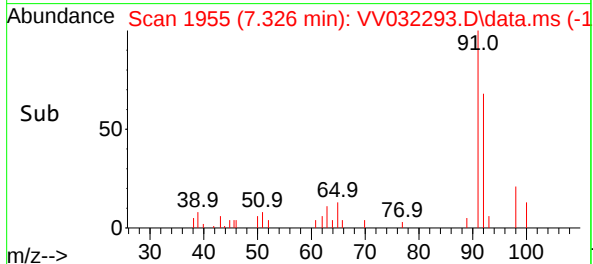
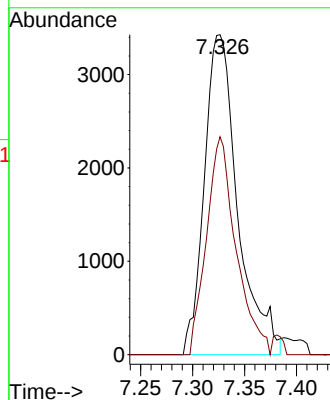
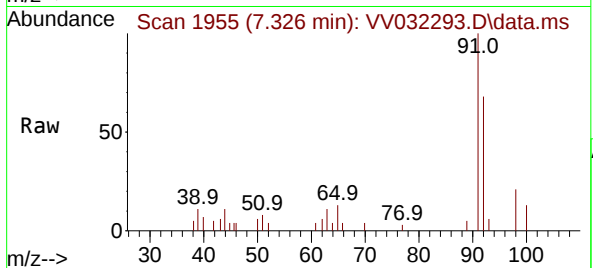
ClientSampleId :

MDL-WATER-QT4-2023-08

Tgt Ion: 91 Resp: 7664
 Ion Ratio Lower Upper
 91 100
 92 68.1 40.8 75.8

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023
 Supervised By :Semsettin Yesilyurt 10/09/2023



#44

trans-1,3-Dichloropropene

Concen: 0.187 ug/L m

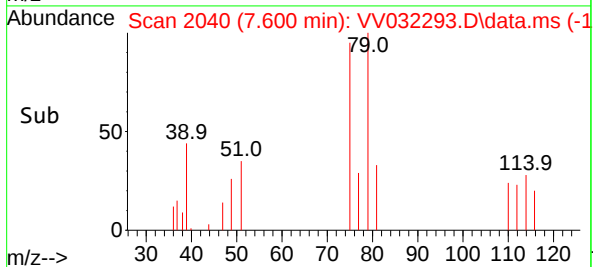
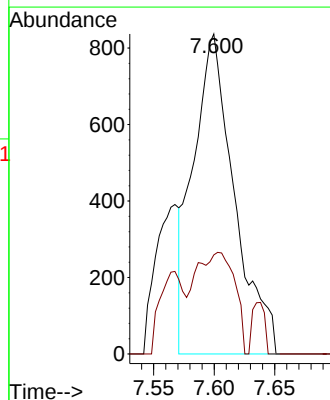
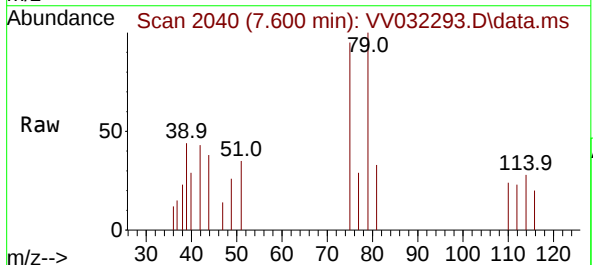
RT: 7.600 min Scan# 2040

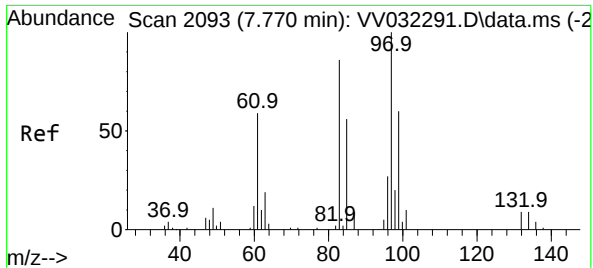
Delta R.T. 0.016 min

Lab File: VV032293.D

Acq: 06 Oct 2023 11:52

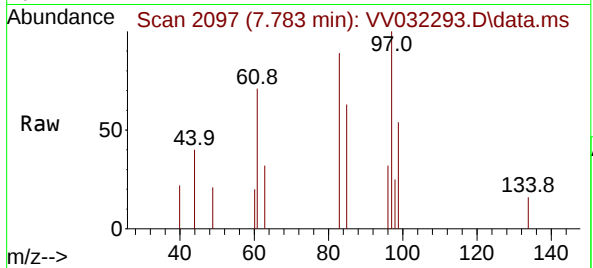
Tgt Ion: 75 Resp: 1978
 Ion Ratio Lower Upper
 75 100
 77 30.9 22.5 41.7





#45
1,1,2-Trichloroethane
Concen: 0.215 ug/L
RT: 7.783 min Scan# 2093
Delta R.T. 0.013 min
Lab File: VV032293.D
Acq: 06 Oct 2023 11:52

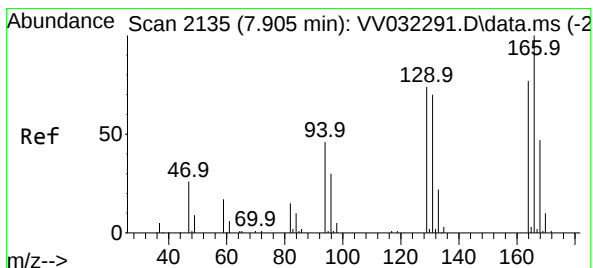
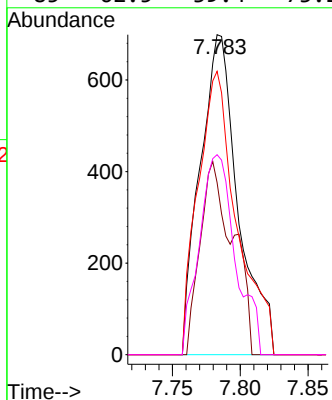
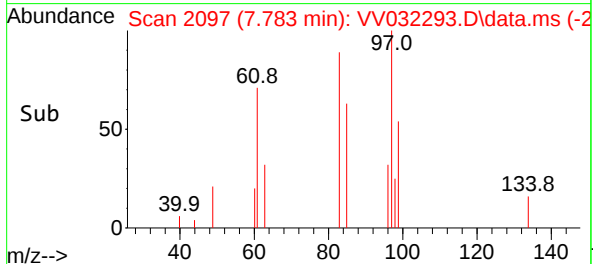
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT4-2023-08



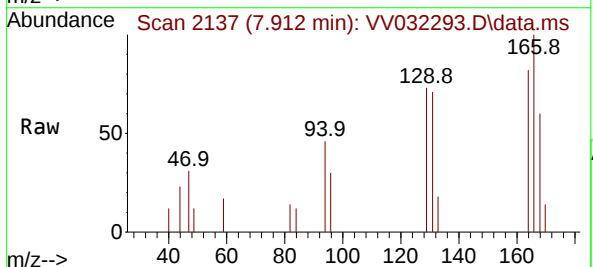
Tgt Ion	Ratio	Lower	Upper
97	100		
99	53.8	42.8	79.4
83	88.6	60.9	113.1
85	62.5	39.4	73.2

Manual Integrations
APPROVED

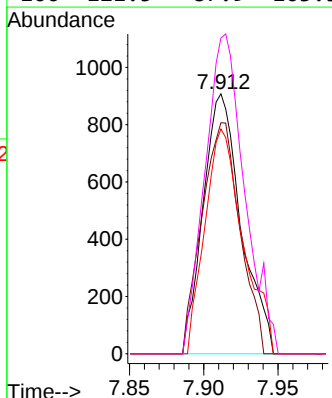
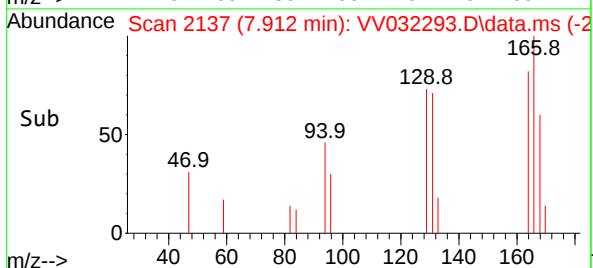
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023

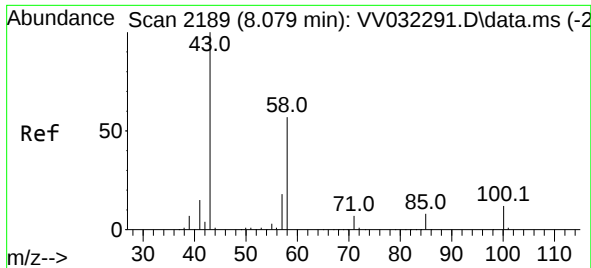


#47
Tetrachloroethene
Concen: 0.230 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. 0.006 min
Lab File: VV032293.D
Acq: 06 Oct 2023 11:52



Tgt Ion	Ratio	Lower	Upper
164	100		
129	88.9	66.4	123.4
131	86.5	63.7	118.3
166	121.5	87.9	163.3





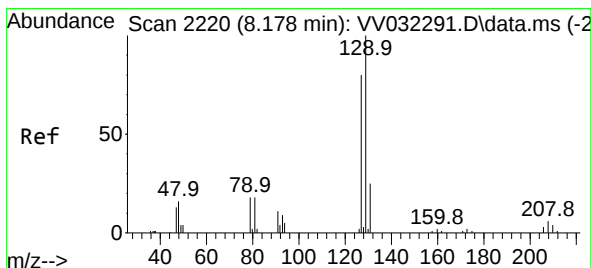
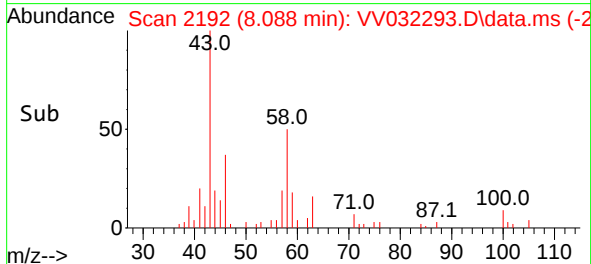
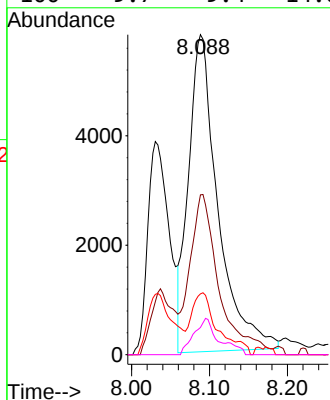
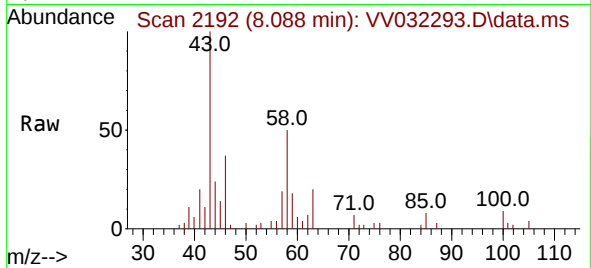
#48
2-Hexanone
Concen: 3.758 ug/L
RT: 8.088 min Scan# 2189
Delta R.T. 0.010 min
Lab File: VV032293.D
Acq: 06 Oct 2023 11:52

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT4-2023-08

Tgt Ion: 43	Resp: 1521
Ion Ratio	Lower Upper
43 100	
58 50.2	43.6 65.4
57 17.4	14.6 22.0
100 9.7	9.4 14.0

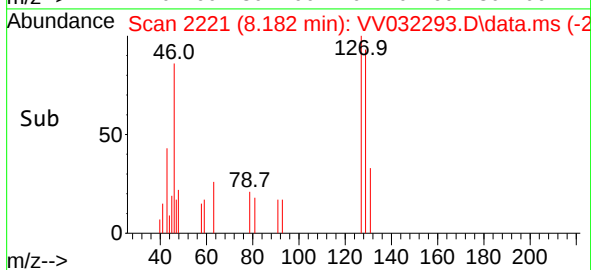
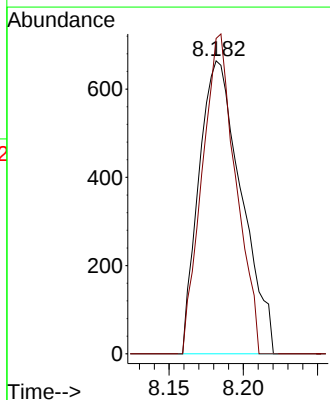
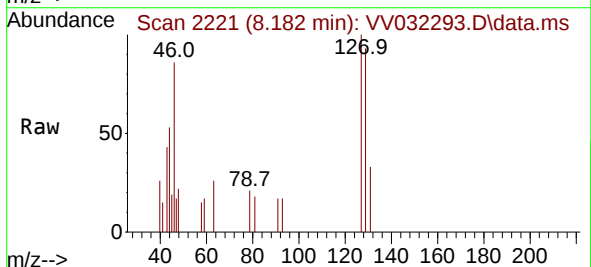
Manual Integrations
APPROVED

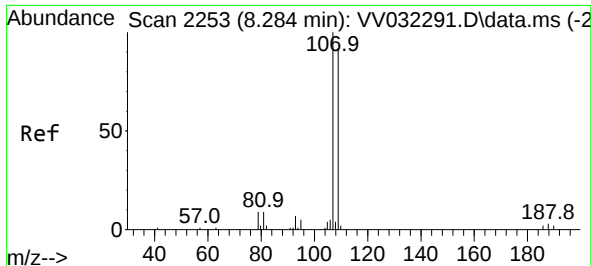
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#49
Dibromochloromethane
Concen: 0.198 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.003 min
Lab File: VV032293.D
Acq: 06 Oct 2023 11:52

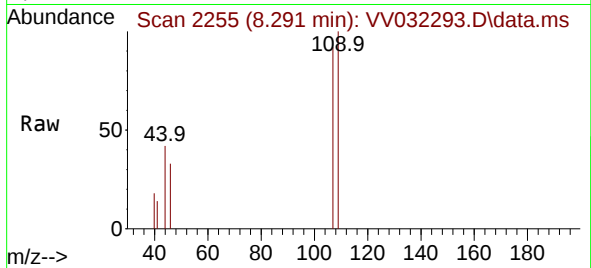
Tgt Ion:129	Resp: 1318
Ion Ratio	Lower Upper
129 100	
127 107.7	57.2 106.2#





#50
1,2-Dibromoethane
Concen: 0.217 ug/L
RT: 8.291 min Scan# 2119
Delta R.T. 0.006 min
Lab File: VV032293.D
Acq: 06 Oct 2023 11:52

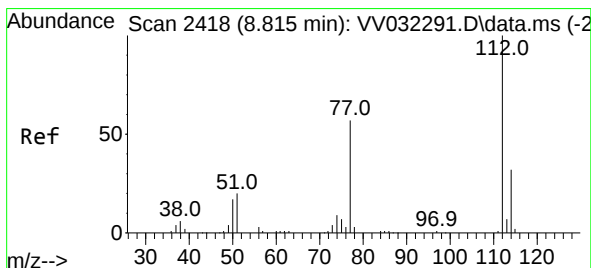
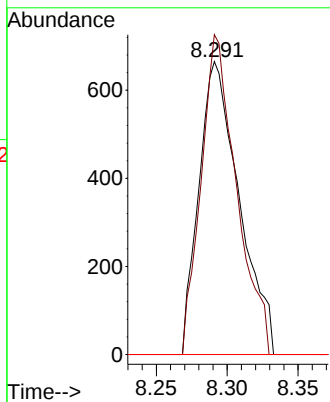
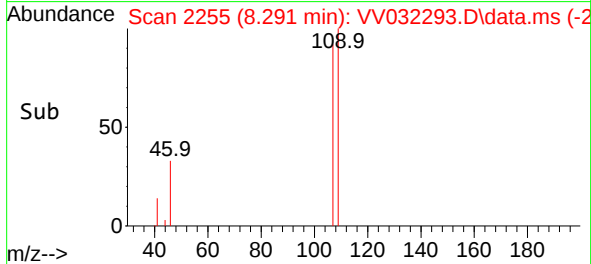
Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-08



Tgt Ion:107 Resp: 131
Ion Ratio Lower Upper
107 100
109 109.2 68.4 127.0
188 0.0 3.2 4.8

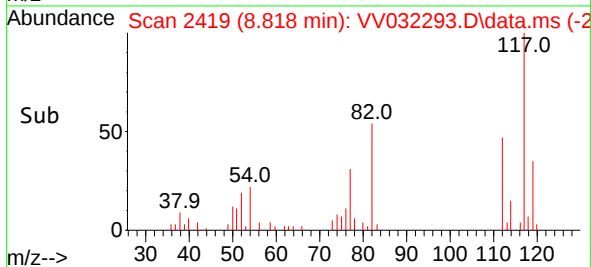
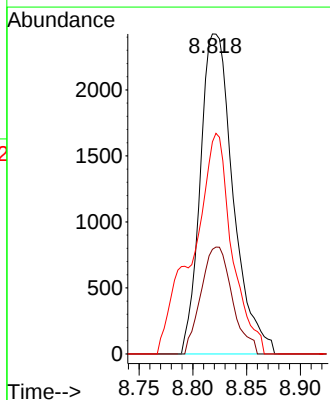
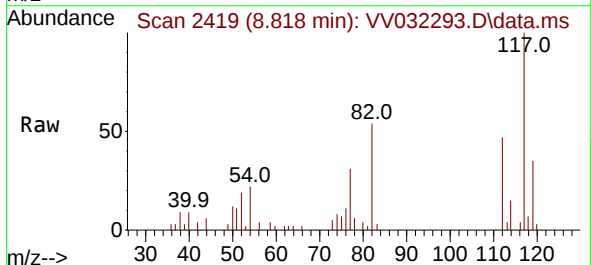
Manual Integrations
APPROVED

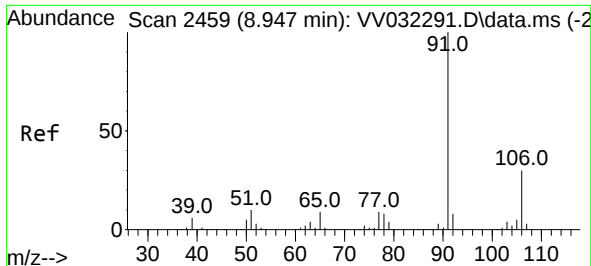
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#51
Chlorobenzene
Concen: 0.221 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.003 min
Lab File: VV032293.D
Acq: 06 Oct 2023 11:52

Tgt Ion:112 Resp: 5149
Ion Ratio Lower Upper
112 100
114 32.7 22.1 41.1
77 66.3 46.1 69.1





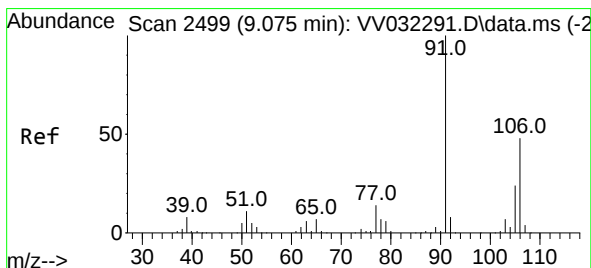
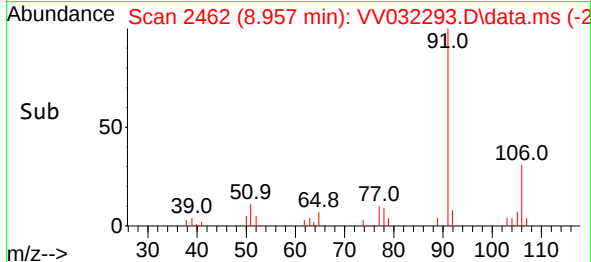
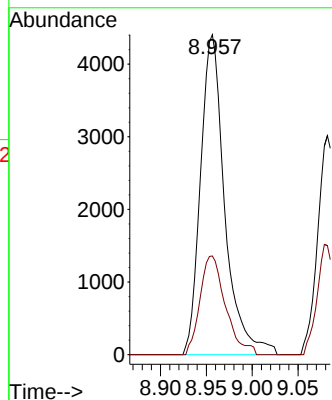
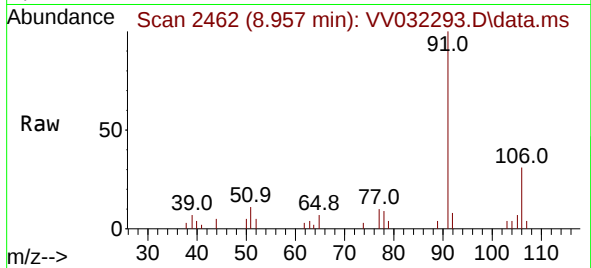
#52
Ethylbenzene
Concen: 0.201 ug/L
RT: 8.957 min Scan# 2459
Delta R.T. 0.010 min
Lab File: VV032293.D
Acq: 06 Oct 2023 11:52

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-08

Tgt Ion: 91 Resp: 8100
Ion Ratio Lower Upper
91 100
106 30.9 21.3 39.5

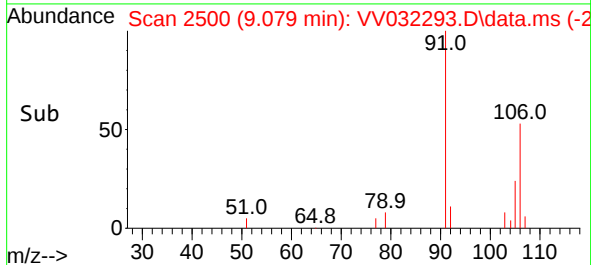
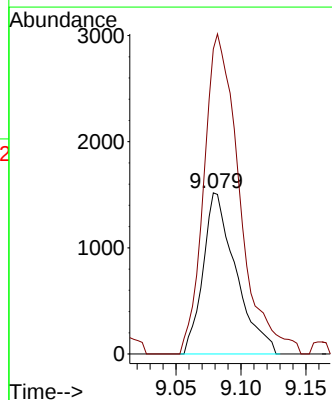
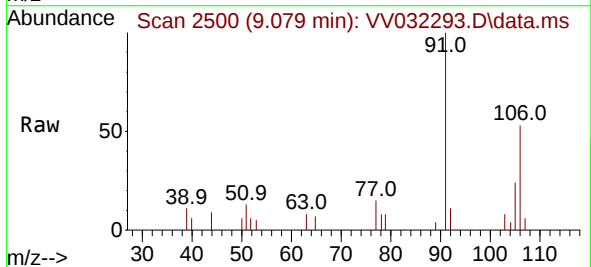
Manual Integrations
APPROVED

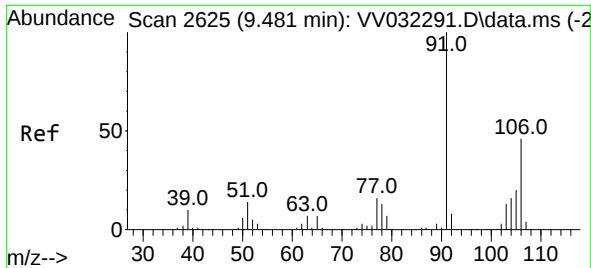
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#53
m,p-Xylene
Concen: 0.179 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.003 min
Lab File: VV032293.D
Acq: 06 Oct 2023 11:52

Tgt Ion:106 Resp: 2670
Ion Ratio Lower Upper
106 100
91 189.3 144.5 268.3





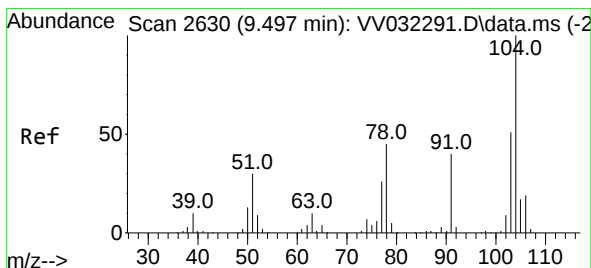
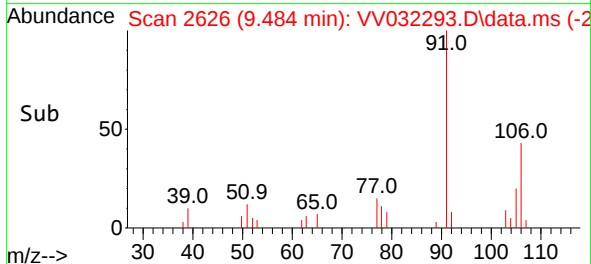
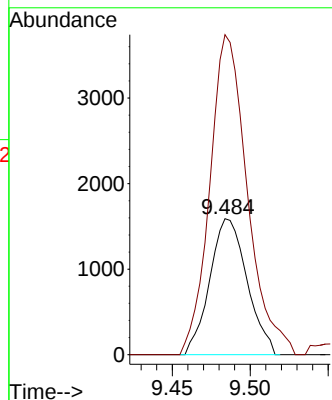
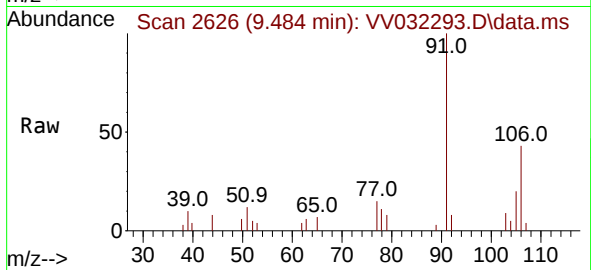
#54
o-Xylene
Concen: 0.184 ug/L
RT: 9.484 min Scan# 2625
Delta R.T. 0.003 min
Lab File: VV032293.D
Acq: 06 Oct 2023 11:52

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-08

Tgt Ion:106 Resp: 2649
Ion Ratio Lower Upper
106 100
91 235.1 154.8 287.4

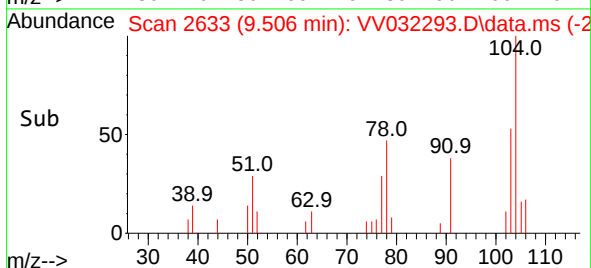
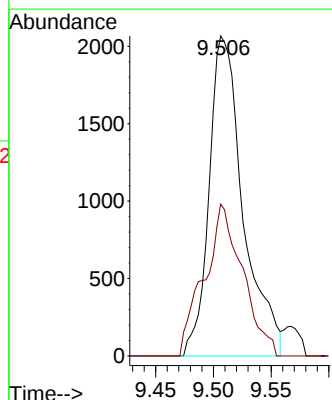
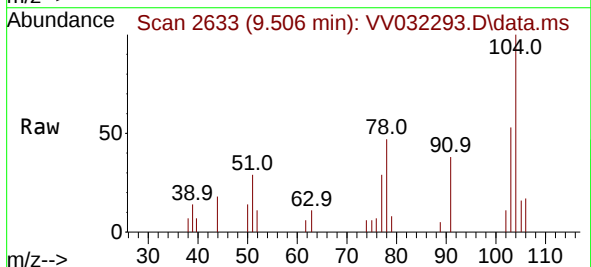
Manual Integrations
APPROVED

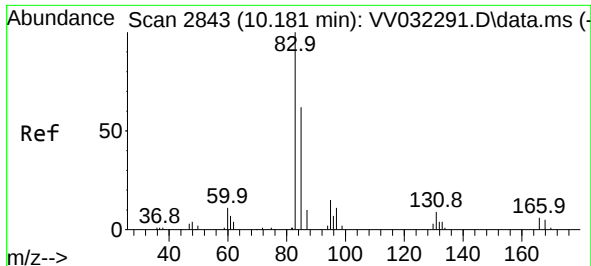
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#55
Styrene
Concen: 0.174 ug/L
RT: 9.506 min Scan# 2633
Delta R.T. 0.010 min
Lab File: VV032293.D
Acq: 06 Oct 2023 11:52

Tgt Ion:104 Resp: 4228
Ion Ratio Lower Upper
104 100
78 47.5 29.9 55.5





#57

1,1,2,2-Tetrachloroethane

Concen: 0.255 ug/L

RT: 10.182 min Scan# 2843

Delta R.T. 0.000 min

Lab File: VV032293.D

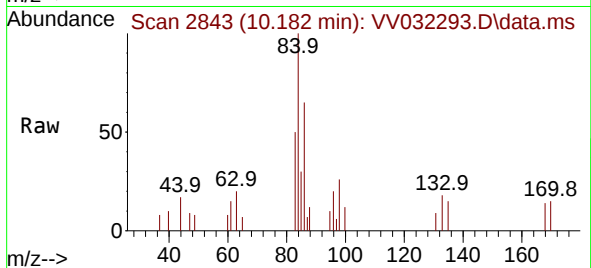
Acq: 06 Oct 2023 11:52

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2023-08



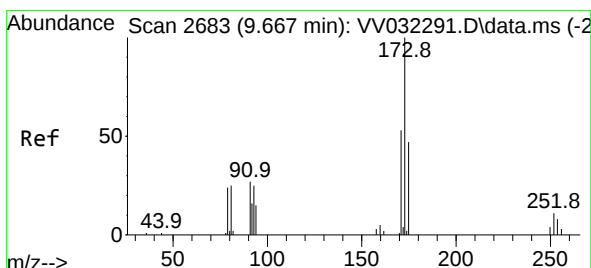
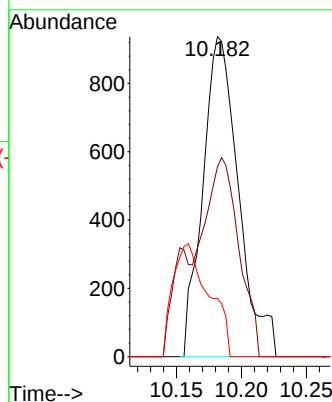
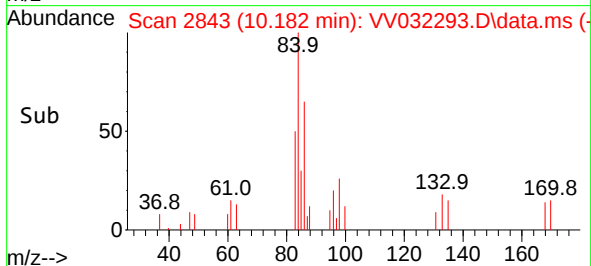
Tgt Ion:	83	Resp:	179
Ion Ratio	Lower	Upper	
83	100		
85	59.3	43.6	81.0
131	18.2	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023

Supervised By :Semsettin Yesilyurt 10/09/2023



#59

Bromoform

Concen: 0.186 ug/L

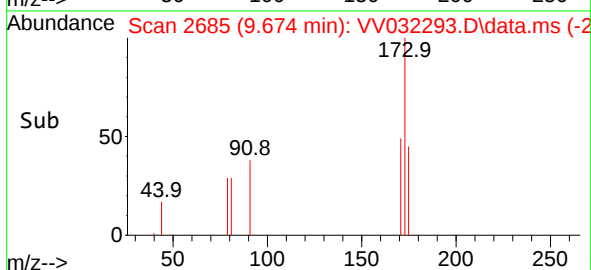
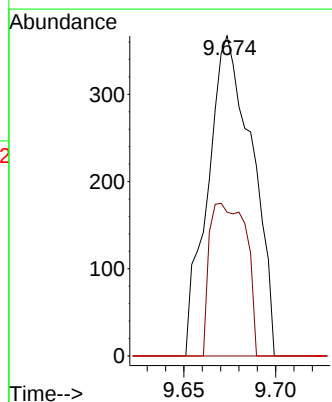
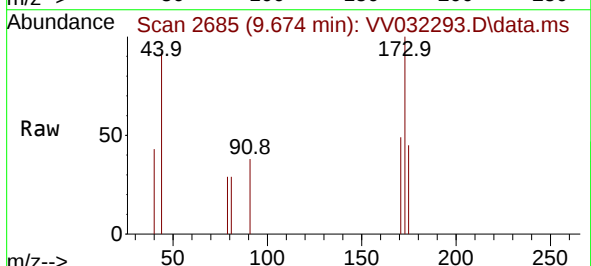
RT: 9.674 min Scan# 2685

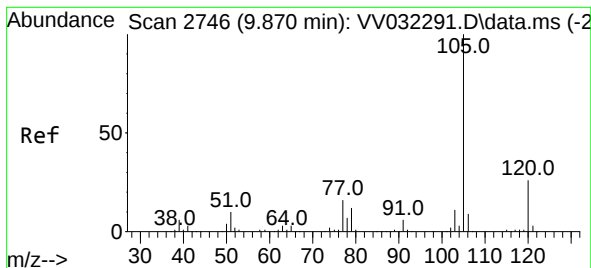
Delta R.T. 0.006 min

Lab File: VV032293.D

Acq: 06 Oct 2023 11:52

Tgt Ion:	173	Resp:	615
Ion Ratio	Lower	Upper	
173	100		
175	39.3	38.2	57.2
254	0.0	7.0	10.4





#60

Isopropylbenzene

Concen: 0.201 ug/L

RT: 9.873 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV032293.D

Acq: 06 Oct 2023 11:52

Instrument :

MSVOA_V

ClientSampleId :

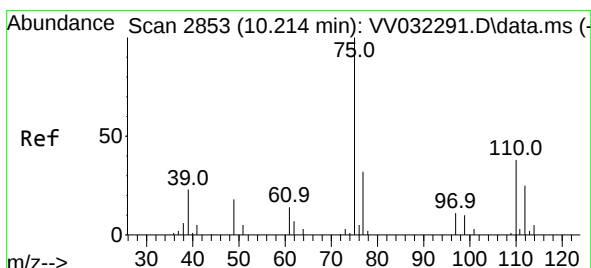
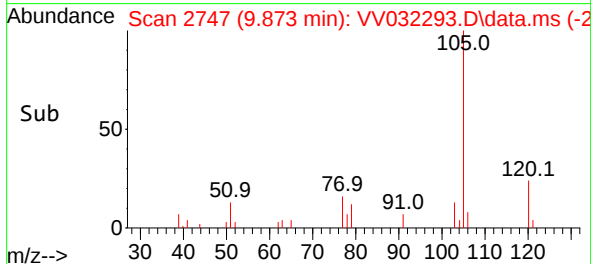
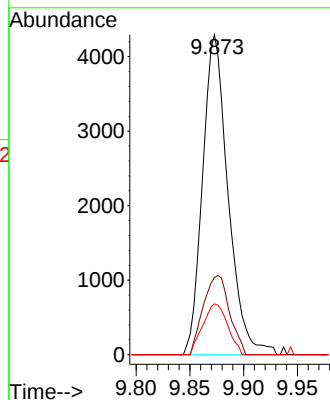
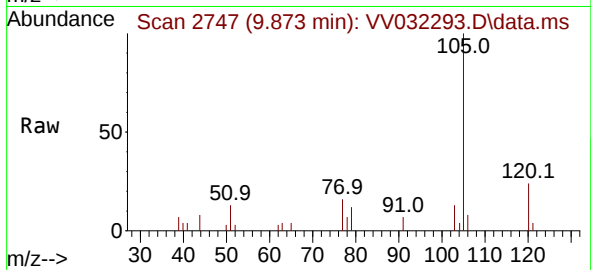
MDL-WATER-QT4-2023-08

Tgt Ion:	105	Resp:	708
Ion Ratio	Lower	Upper	
105	100		
120	25.4	21.0	31.6
77	15.4	12.6	19.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#61

1,2,3-Trichloropropane

Concen: 0.271 ug/L

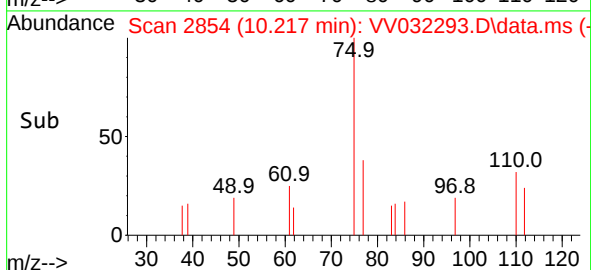
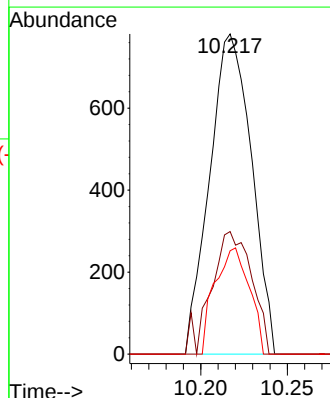
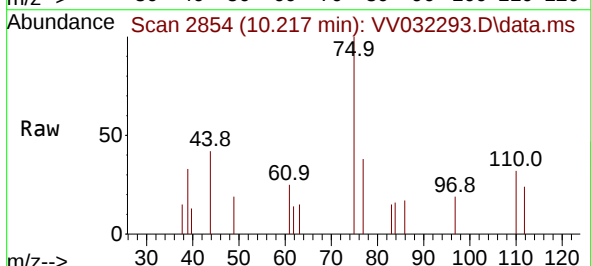
RT: 10.217 min Scan# 2854

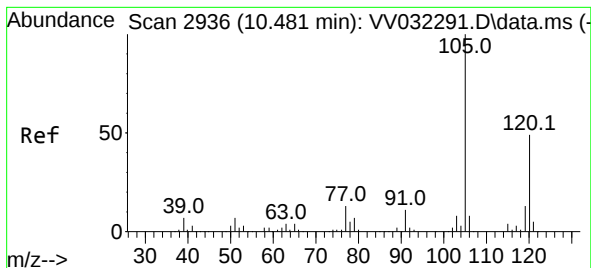
Delta R.T. 0.003 min

Lab File: VV032293.D

Acq: 06 Oct 2023 11:52

Tgt Ion:	75	Resp:	1311
Ion Ratio	Lower	Upper	
75	100		
77	37.1	26.2	39.2
110	27.3	30.6	46.0





#62

1,3,5-Trimethylbenzene

Concen: 0.199 ug/L

RT: 10.484 min Scan# 2936

Delta R.T. 0.003 min

Lab File: VV032293.D

Acq: 06 Oct 2023 11:52

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2023-08

Tgt Ion:105 Resp: 5708

Ion Ratio Lower Upper

105 100

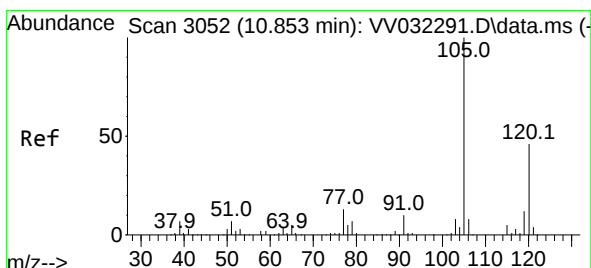
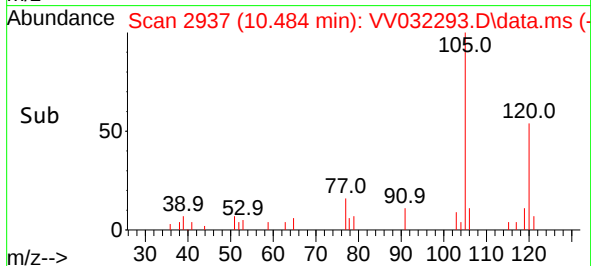
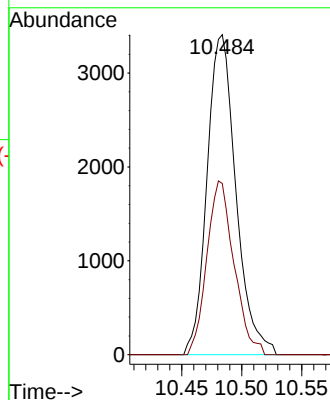
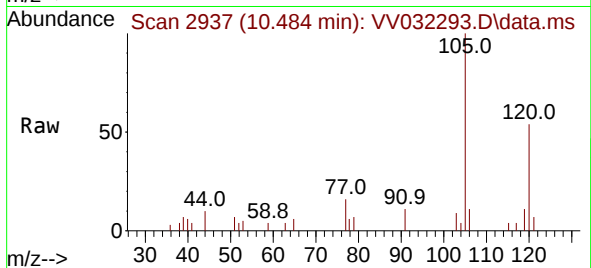
120 51.1 39.9 59.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023

Supervised By :Semsettin Yesilyurt 10/09/2023



#63

1,2,4-Trimethylbenzene

Concen: 0.200 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.003 min

Lab File: VV032293.D

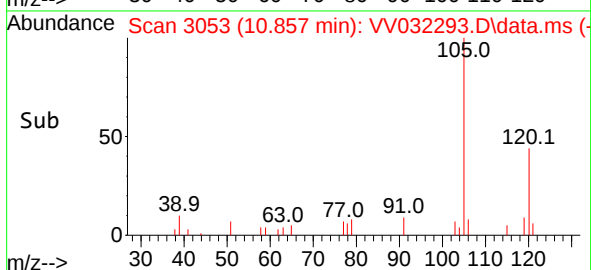
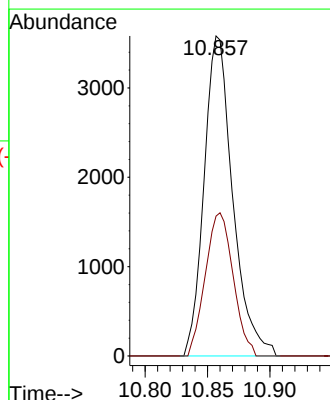
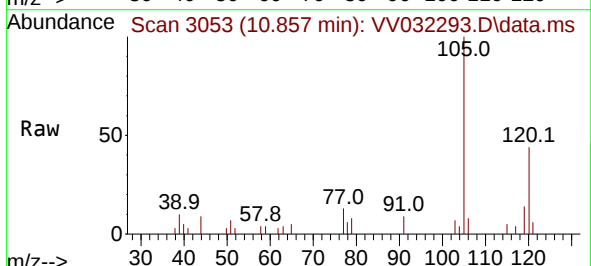
Acq: 06 Oct 2023 11:52

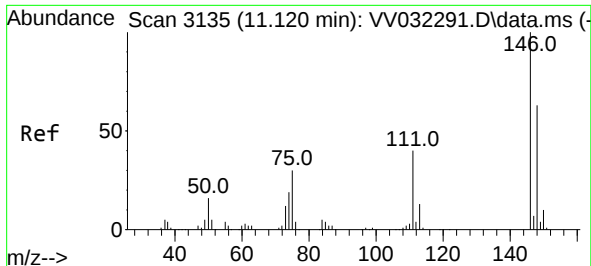
Tgt Ion:105 Resp: 5720

Ion Ratio Lower Upper

105 100

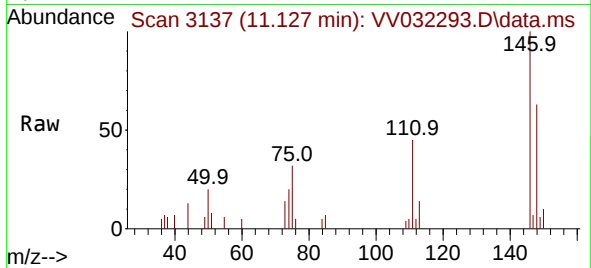
120 43.5 36.2 54.4





#64
1,3-Dichlorobenzene
Concen: 0.230 ug/L
RT: 11.127 min Scan# 3135
Delta R.T. 0.006 min
Lab File: VV032293.D
Acq: 06 Oct 2023 11:52

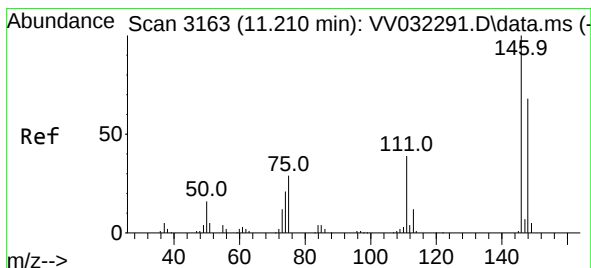
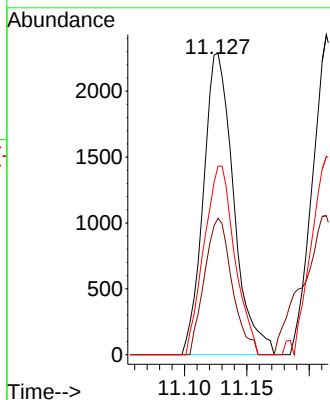
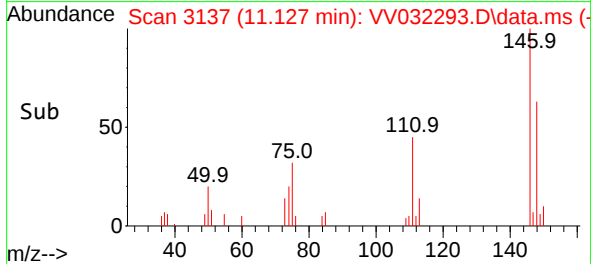
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-08



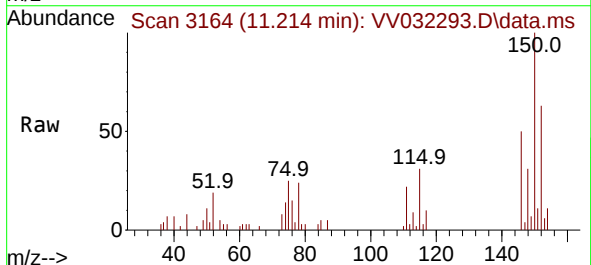
Tgt Ion:146 Resp: 3872
Ion Ratio Lower Upper
146 100
111 45.3 27.8 51.6
148 62.6 43.7 81.1

Manual Integrations
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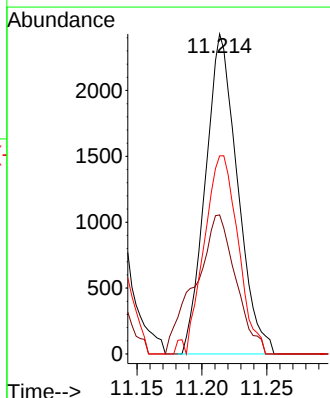
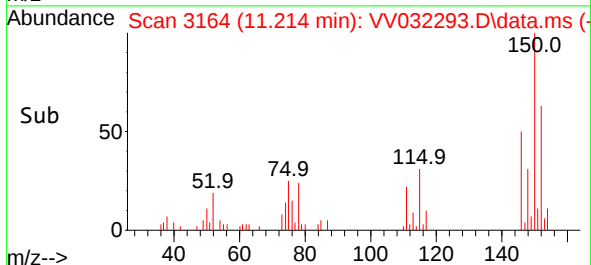
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023

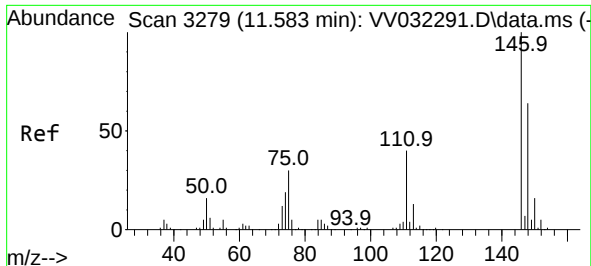


#65
1,4-Dichlorobenzene
Concen: 0.247 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VV032293.D
Acq: 06 Oct 2023 11:52



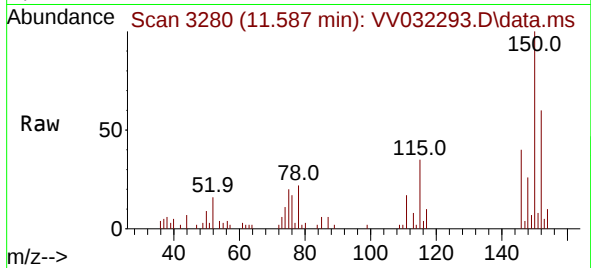
Tgt Ion:146 Resp: 4168
Ion Ratio Lower Upper
146 100
111 43.4 26.9 49.9
148 61.9 44.8 83.2





#67
1,2-Dichlorobenzene
Concen: 0.240 ug/L
RT: 11.587 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV032293.D
Acq: 06 Oct 2023 11:52

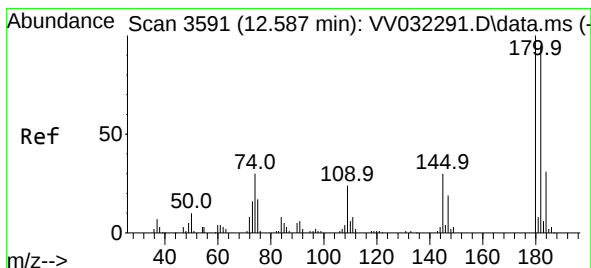
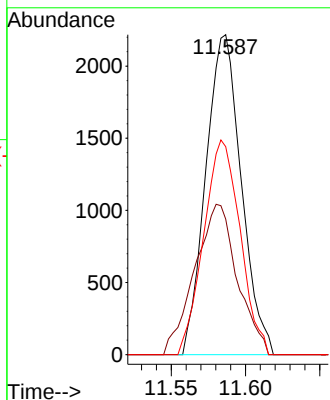
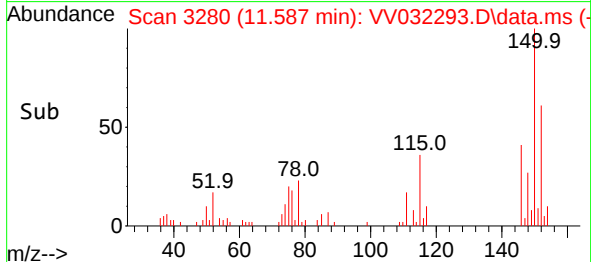
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-08



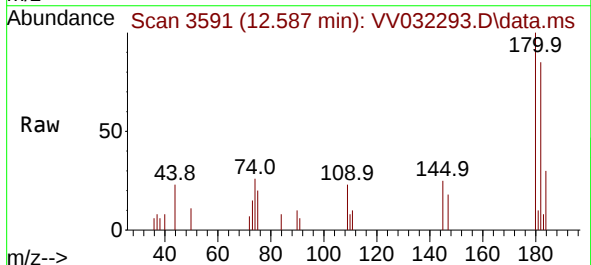
Tgt Ion:146 Resp: 368
Ion Ratio Lower Upper
146 100
111 42.3 32.8 49.2
148 65.0 51.0 76.4

Manual Integrations
APPROVED

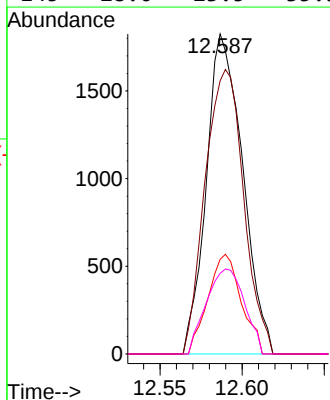
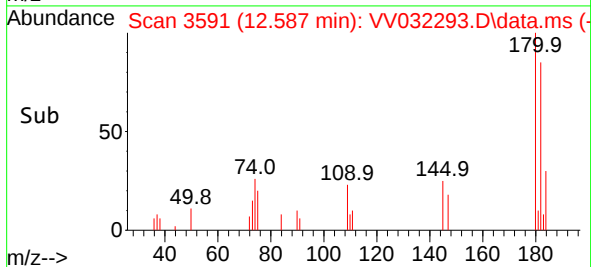
Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023

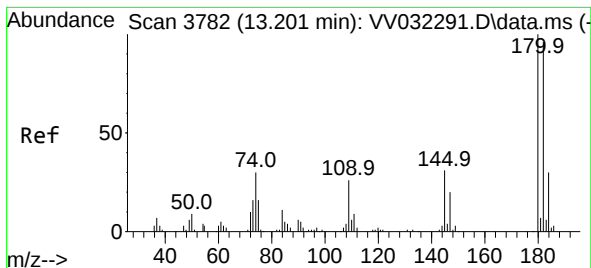


#69
1,3,5-Trichlorobenzene
Concen: 0.227 ug/L
RT: 12.587 min Scan# 3591
Delta R.T. 0.000 min
Lab File: VV032293.D
Acq: 06 Oct 2023 11:52



Tgt Ion:180 Resp: 2804
Ion Ratio Lower Upper
180 100
182 94.2 74.6 112.0
184 28.6 24.1 36.1
145 28.0 23.5 35.3





#70

1,2,4-trichlorobenzene

Concen: 0.244 ug/L

RT: 13.207 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV032293.D

Acq: 06 Oct 2023 11:52

Instrument :

MSVOA_V

ClientSampleId :

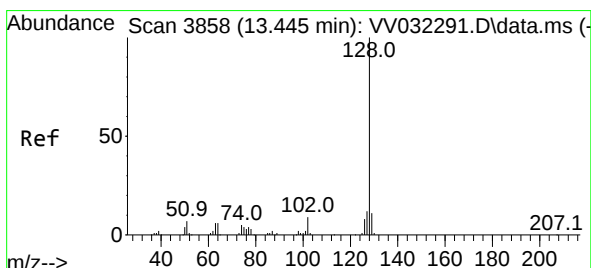
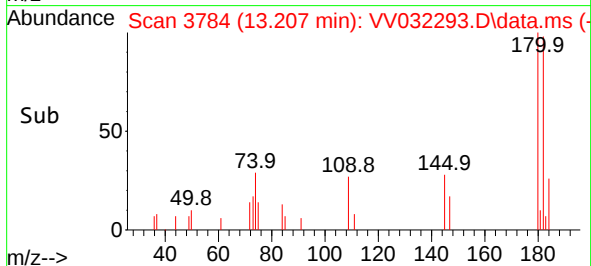
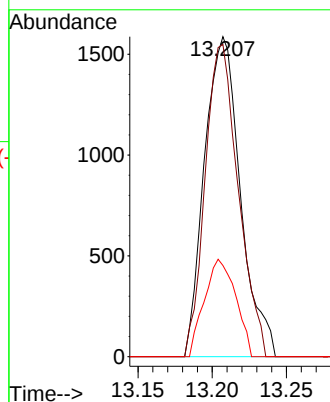
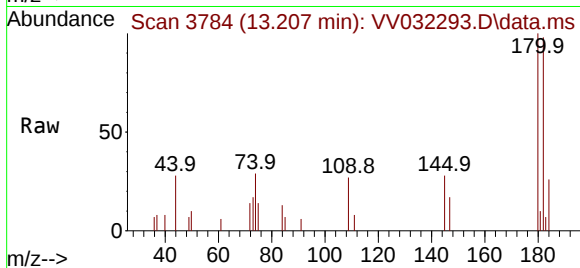
MDL-WATER-QT4-2023-08

Tgt Ion:180	Resp:	266
Ion Ratio	Lower	Upper
180	100	
182	90.1	76.5 114.7
145	26.5	24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023
Supervised By :Semsettin Yesilyurt 10/09/2023



#71

Naphthalene

Concen: 0.221 ug/L

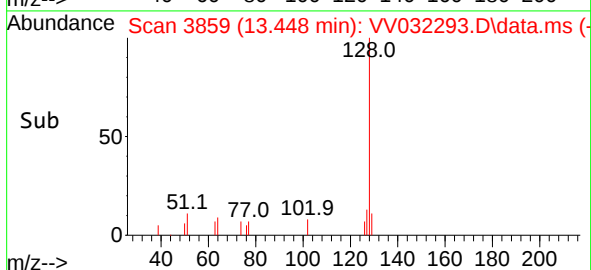
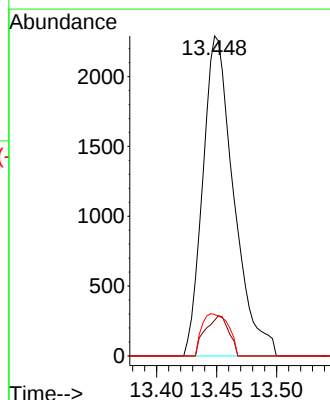
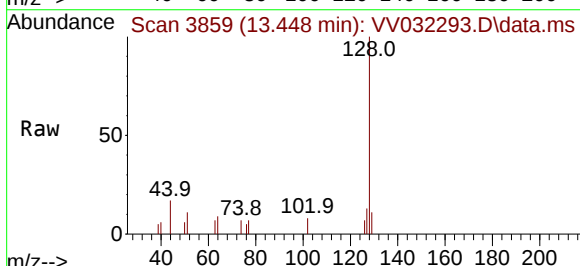
RT: 13.448 min Scan# 3859

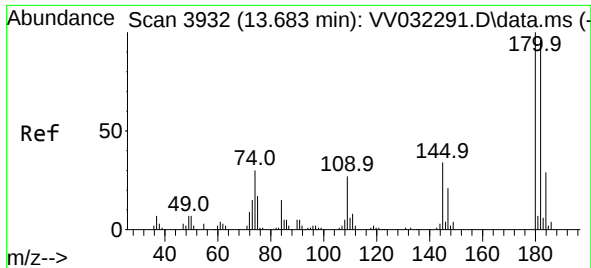
Delta R.T. 0.003 min

Lab File: VV032293.D

Acq: 06 Oct 2023 11:52

Tgt Ion:128	Resp:	4108
Ion Ratio	Lower	Upper
128	100	
129	9.5	9.0 13.4
127	11.3	10.2 15.2





#72

1,2,3-Trichlorobenzene

Concen: 0.240 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.003 min

Lab File: VV032293.D

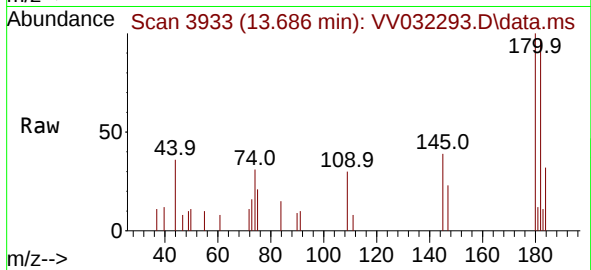
Acq: 06 Oct 2023 11:52

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2023-08



Tgt Ion:180 Resp: 226

Ion Ratio Lower Upper

180 100

182 90.8 77.0 115.4

145 32.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023

Supervised By :Semsettin Yesilyurt 10/09/2023

