

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012924\
 Data File : VV033900.D
 Acq On : 29 Jan 2024 12:37
 Operator : SY/MD
 Sample : 04696-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT4-2023-07

Quant Time: Jan 30 03:56:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 30 03:43:29 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/30/2024
 Supervised By :Semsettin Yesilyurt 01/30/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	102124	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	93213	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	46672	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	34677	4.384	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.532	69	32969	4.759	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.060	65	17039	4.467	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	3.828	46	62194m	46.821	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.640%
24) Chloroform-d	4.249	84	67448	4.693	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	4.944	65	32803	4.884	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	4.960	84	133547	4.775	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	5.989	67	39333	5.031	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.243	98	122303	4.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
43) trans-1,3-Dichloroprop...	7.558	79	13082	4.432	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.027	63	48051	45.600	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.200%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	22403	4.727	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	42067	4.956	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	2446	0.261	ug/L	97
3) Chloromethane	1.217	50	2904m	0.284	ug/L	
5) Vinyl chloride	1.282	62	2702	0.277	ug/L #	1
6) Bromomethane	1.491	94	1360	0.265	ug/L	91
8) Chloroethane	1.552	64	3055	0.459	ug/L #	68
9) Trichlorofluoromethane	1.716	101	3578	0.255	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	2227	0.303	ug/L	89
12) 1,1-Dichloroethene	2.066	96	2203	0.309	ug/L #	1
13) Acetone	2.153	43	3137m	3.113	ug/L	
14) Carbon disulfide	2.240	76	5781	0.250	ug/L	98
15) Methyl Acetate	2.407	43	725m	0.304	ug/L	
16) Methylene chloride	2.452	84	1820	0.266	ug/L	95
17) Methyl tert-butyl Ether	2.709	73	3420	0.233	ug/L	99
18) trans-1,2-Dichloroethene	2.699	96	1774	0.244	ug/L	95
19) 1,1-Dichloroethane	3.117	63	3526	0.264	ug/L	94
21) 2-Butanone	3.928	43	4024m	3.022	ug/L	
22) cis-1,2-Dichloroethene	3.818	96	1963	0.238	ug/L	94
23) Bromochloromethane	4.169	128	653m	0.228	ug/L	
27) 1,2-Dichloroethane	5.063	62	2060	0.267	ug/L #	76

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	4.513	97	3107	0.248	ug/L	99
30) Cyclohexane	4.580	56	3088	0.254	ug/L	99
31) Carbon tetrachloride	4.738	117	2596	0.237	ug/L	91
33) Benzene	5.018	78	6888	0.246	ug/L	100
34) Trichloroethene	5.841	95	1964	0.243	ug/L	93
35) Methylcyclohexane	6.053	83	3150	0.248	ug/L	98
37) 1,2-Dichloropropane	6.101	63	1746	0.258	ug/L #	87
38) Bromodichloromethane	6.442	83	2363	0.266	ug/L #	81
39) cis-1,3-Dichloropropene	6.969	75	2476	0.240	ug/L	100
40) 4-Methyl-2-pentanone	7.172	43	8300m	2.559	ug/L	
42) Toluene	7.323	91	7459	0.250	ug/L	94
44) trans-1,3-Dichloropropene	7.593	75	1919	0.243	ug/L #	80
45) 1,1,2-Trichloroethane	7.780	97	888	0.212	ug/L	92
47) Tetrachloroethene	7.911	164	1641	0.250	ug/L	95
48) 2-Hexanone	8.088	43	12041	5.267	ug/L #	92
49) Dibromochloromethane	8.178	129	1074	0.216	ug/L	99
50) 1,2-Dibromoethane	8.288	107	887	0.236	ug/L #	95
51) Chlorobenzene	8.818	112	4829	0.256	ug/L	91
52) Ethylbenzene	8.953	91	8682	0.252	ug/L	99
53) m,p-Xylene	9.082	106	3294	0.253	ug/L	86
54) o-Xylene	9.481	106	3082	0.246	ug/L	96
55) Styrene	9.506	104	4736	0.236	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.185	83	1217	0.276	ug/L #	90
59) Bromoform	9.677	173	541	0.210	ug/L #	80
60) Isopropylbenzene	9.870	105	8788	0.254	ug/L	96
61) 1,2,3-Trichloropropane	10.214	75	850	0.265	ug/L #	84
62) 1,3,5-Trimethylbenzene	10.477	105	7250	0.248	ug/L	96
63) 1,2,4-Trimethylbenzene	10.857	105	7048	0.248	ug/L	96
64) 1,3-Dichlorobenzene	11.124	146	3859	0.256	ug/L	94
65) 1,4-Dichlorobenzene	11.210	146	3869	0.259	ug/L	97
67) 1,2-Dichlorobenzene	11.580	146	3554	0.275	ug/L	98
69) 1,3,5-Trichlorobenzene	12.590	180	2789	0.239	ug/L	96
70) 1,2,4-trichlorobenzene	13.201	180	2272	0.250	ug/L #	93
71) Naphthalene	13.451	128	2976	0.250	ug/L #	90
72) 1,2,3-Trichlorobenzene	13.686	180	1762	0.242	ug/L	96

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

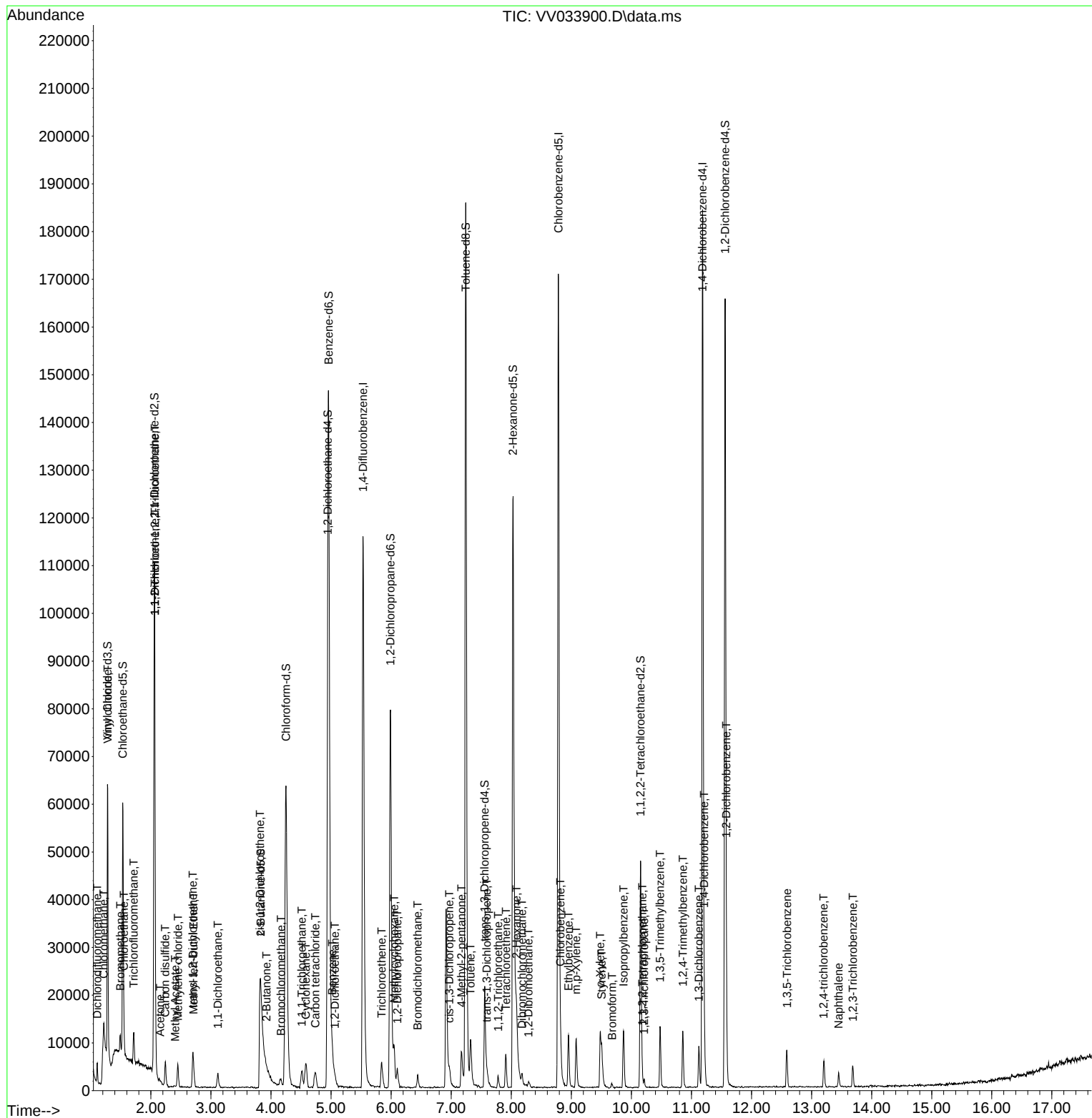
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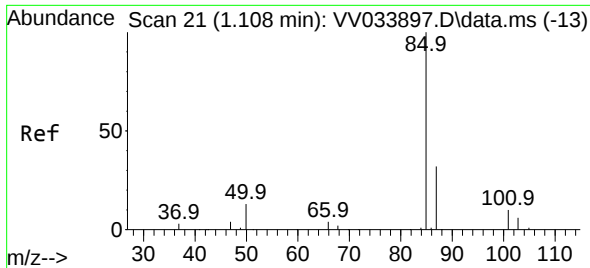
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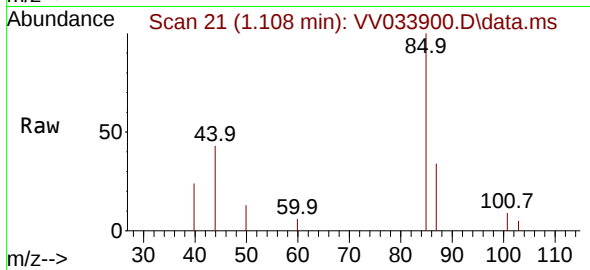
Reviewed By :Mahesh Dadoda 01/30/2024
 Supervised By :Semsettin Yesilyurt 01/30/2024





#2
Dichlorodifluoromethane
Concen: 0.261 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

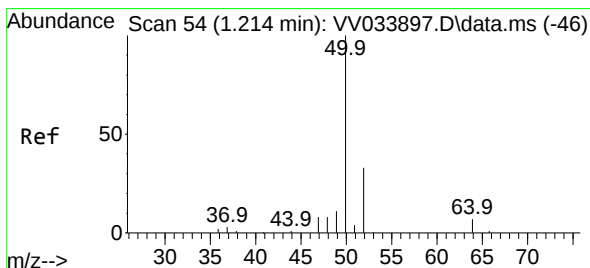
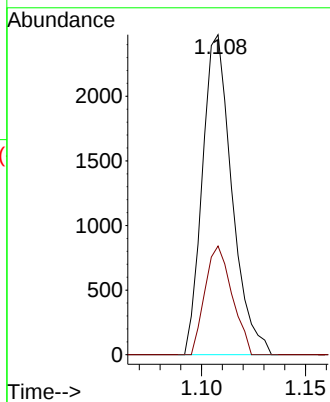
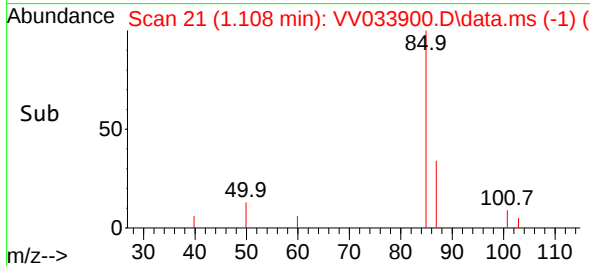
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07



Tgt Ion: 85 Resp: 2440
Ion Ratio Lower Upper
85 100
87 31.1 26.2 39.4

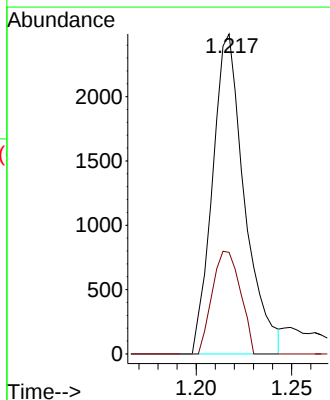
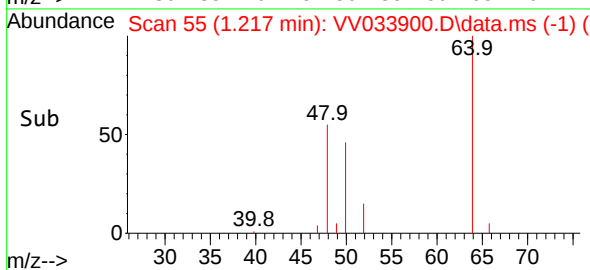
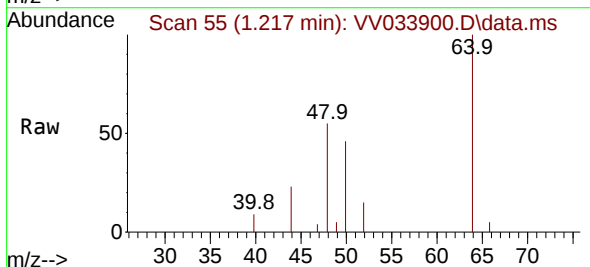
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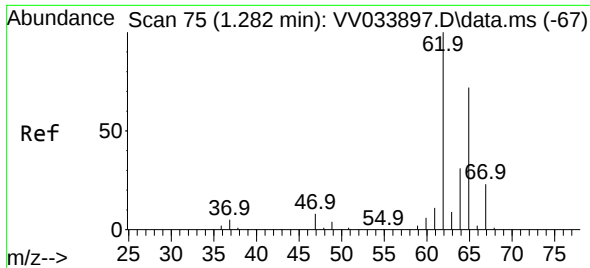
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#3
Chloromethane
Concen: 0.284 ug/L m
RT: 1.217 min Scan# 55
Delta R.T. 0.003 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

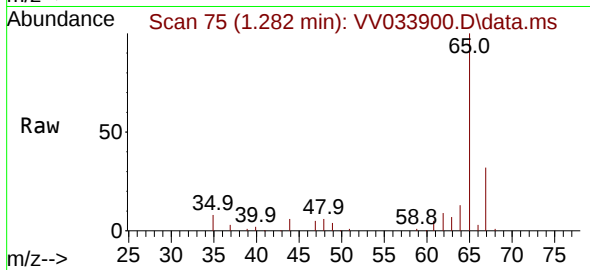
Tgt Ion: 50 Resp: 2904
Ion Ratio Lower Upper
50 100
52 31.7 23.4 43.4





#5
 Vinyl chloride
 Concen: 0.277 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV033900.D
 Acq: 29 Jan 2024 12:37

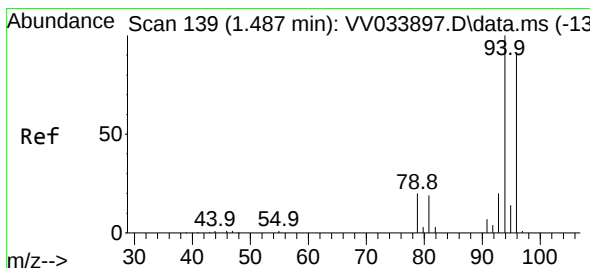
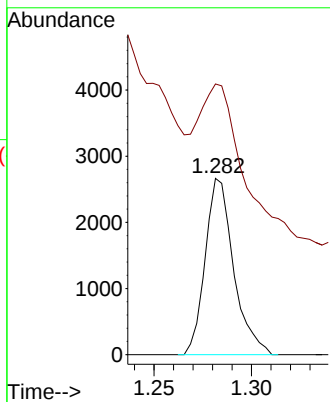
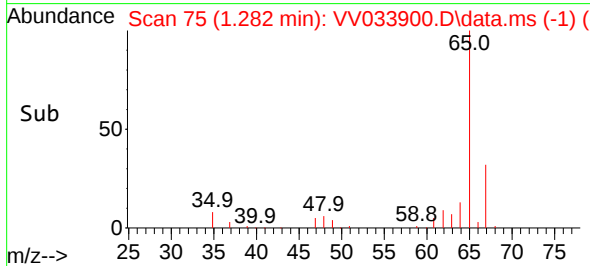
Instrument : MSVOA_V
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Tgt Ion: 62 Resp: 270
 Ion Ratio Lower Upper
 62 100
 64 153.5 27.2 50.4

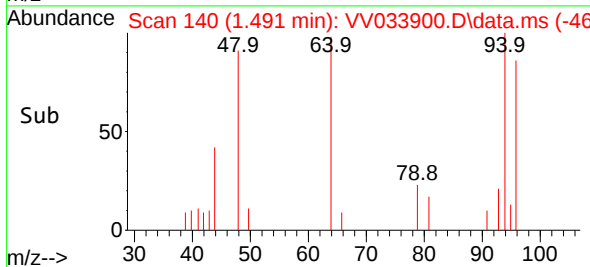
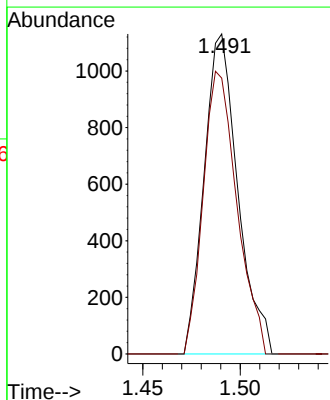
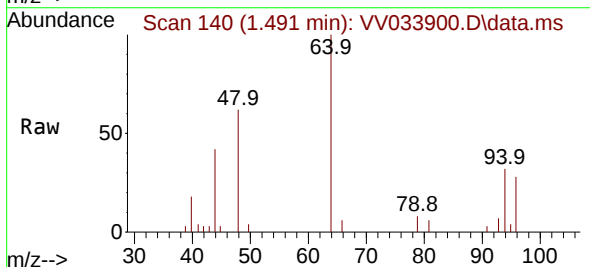
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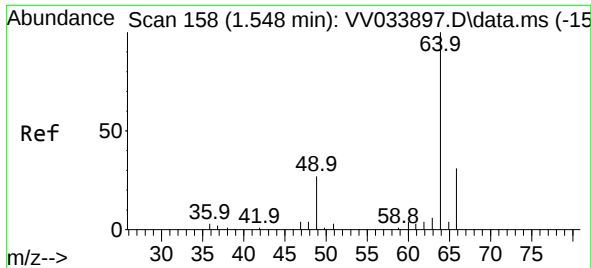
Reviewed By :Mahesh Dadoda 01/30/2024
 Supervised By :Semsettin Yesilyurt 01/30/2024



#6
 Bromomethane
 Concen: 0.265 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. 0.003 min
 Lab File: VV033900.D
 Acq: 29 Jan 2024 12:37

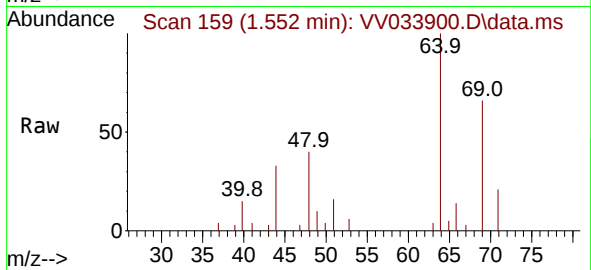
Tgt Ion: 94 Resp: 1360
 Ion Ratio Lower Upper
 94 100
 96 86.2 66.6 123.8





#8
Chloroethane
Concen: 0.459 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

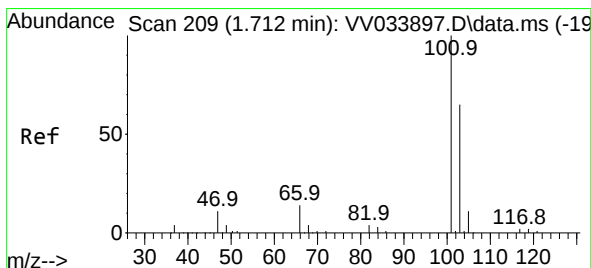
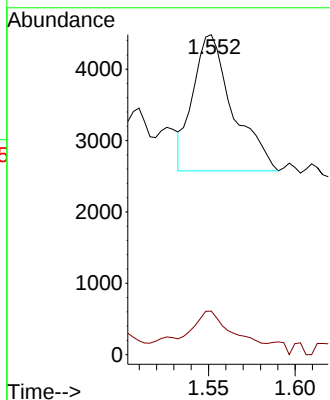
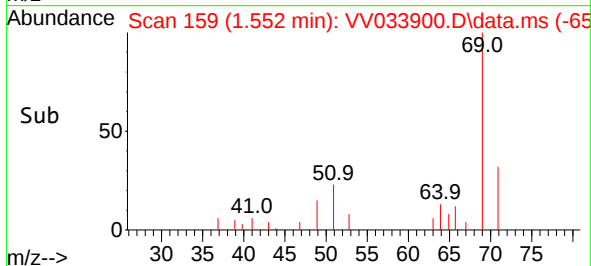
Instrument :
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Tgt Ion: 64 Resp: 305
Ion Ratio Lower Upper
64 100
66 13.6 22.0 41.0

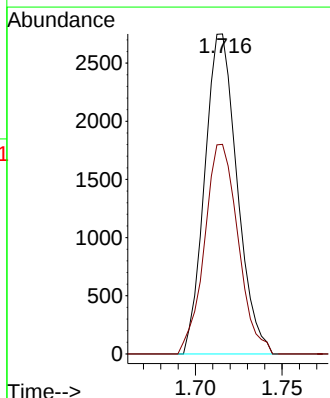
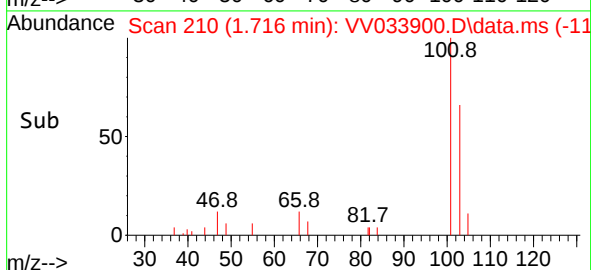
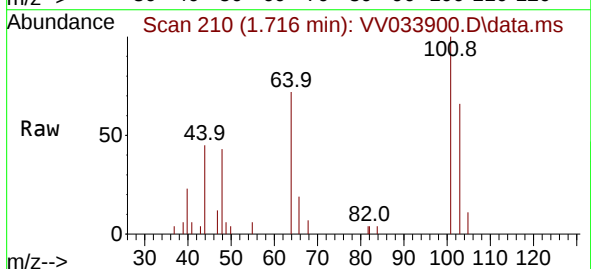
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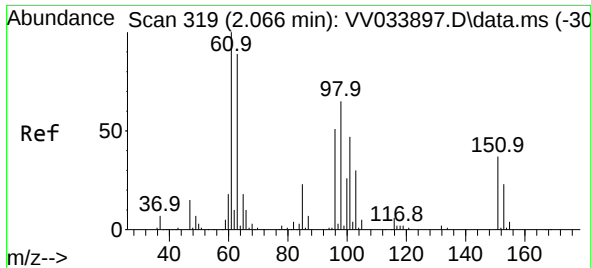
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#9
Trichlorofluoromethane
Concen: 0.255 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

Tgt Ion:101 Resp: 3578
Ion Ratio Lower Upper
101 100
103 67.9 51.0 76.4





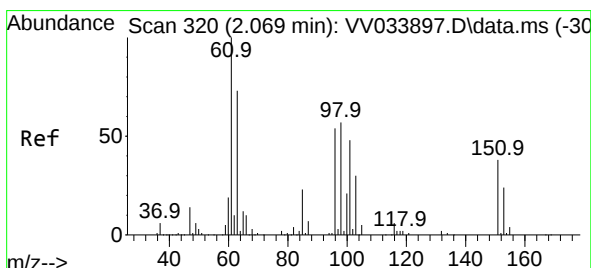
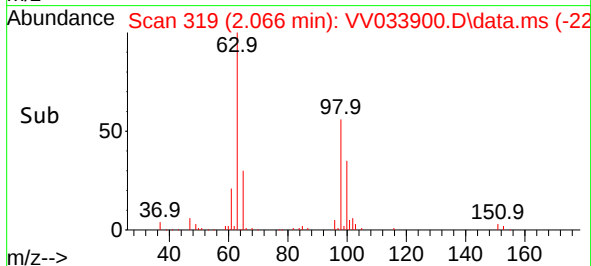
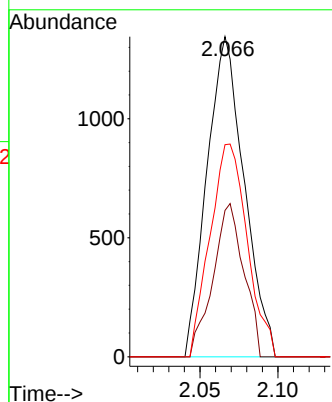
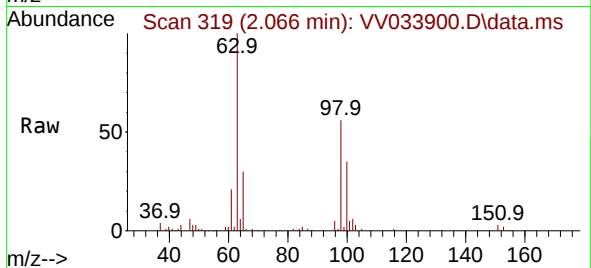
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.303 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.000 min
Lab File: VV033900.D
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Tgt Ion:101 Resp: 222
Ion Ratio Lower Upper
101 100
85 39.7 37.1 55.7
151 66.7 61.7 92.5

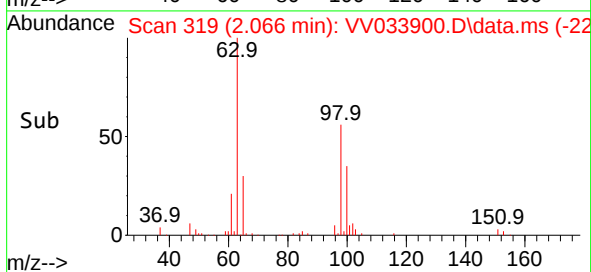
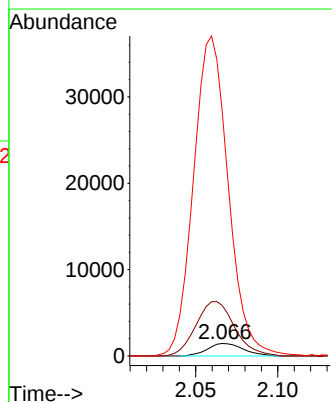
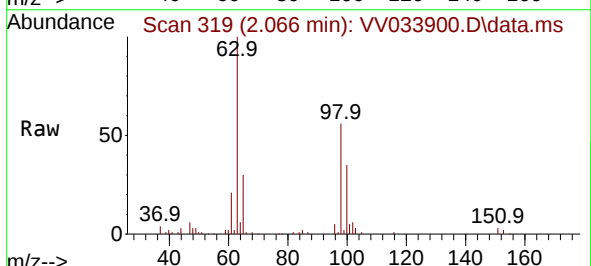
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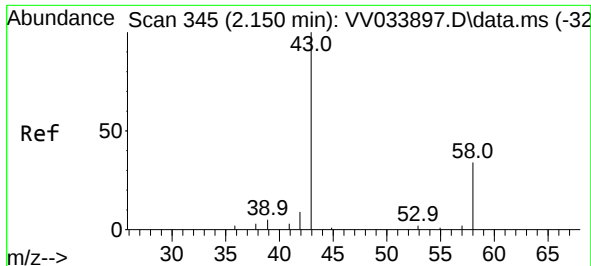
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#12
1,1-Dichloroethene
Concen: 0.309 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.003 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

Tgt Ion: 96 Resp: 2203
Ion Ratio Lower Upper
96 100
61 403.0 128.8 239.2#
63 1958.2 97.9 181.9#





#13

Acetone

Concen: 3.113 ug/L m

RT: 2.153 min Scan# 345

Delta R.T. 0.003 min

Lab File: VV033900.D

Acq: 29 Jan 2024 12:37

Instrument :

MSVOA_V

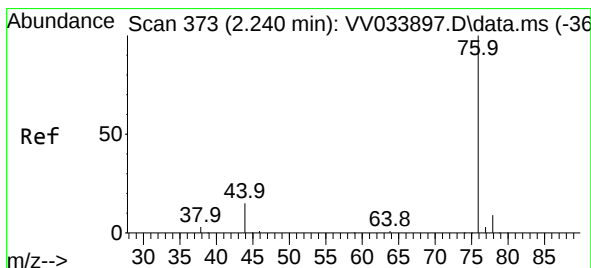
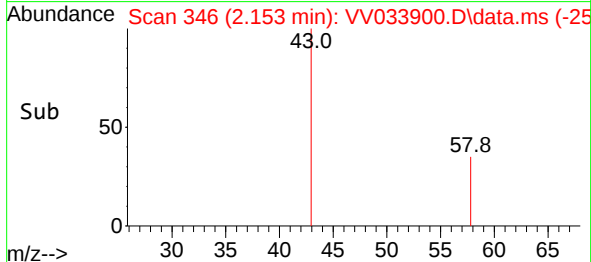
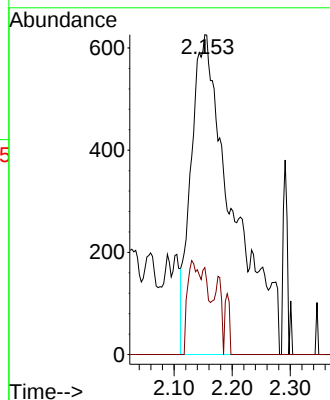
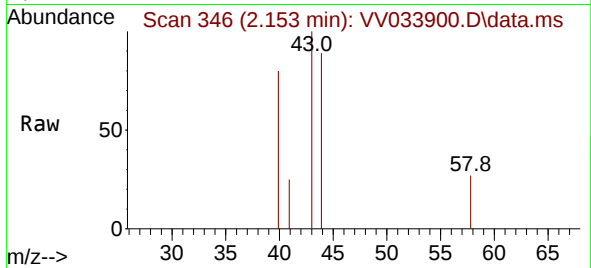
ClientSampleId :

MDL-WATER-QT4-2023-07

Tgt Ion: 43 Resp: 313
 Ion Ratio Lower Upper
 43 100
 58 8.6 0.0 13.8

Manual Integrations
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#14

Carbon disulfide

Concen: 0.250 ug/L

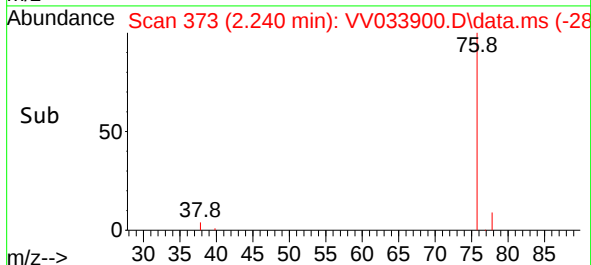
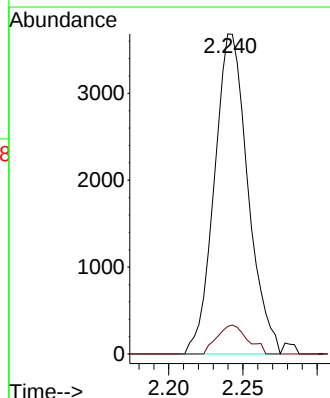
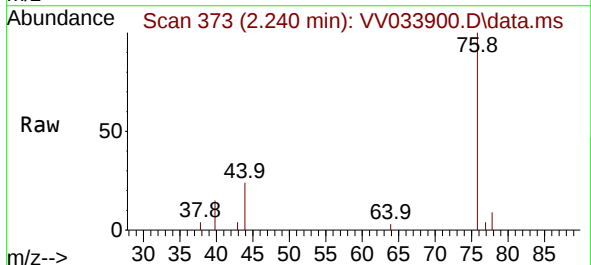
RT: 2.240 min Scan# 373

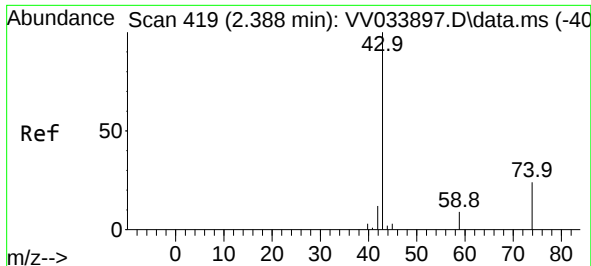
Delta R.T. 0.000 min

Lab File: VV033900.D

Acq: 29 Jan 2024 12:37

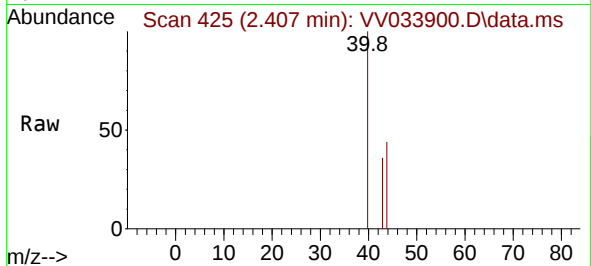
Tgt Ion: 76 Resp: 5781
 Ion Ratio Lower Upper
 76 100
 78 8.6 7.5 11.3





#15
Methyl Acetate
Concen: 0.304 ug/L m
RT: 2.407 min Scan# 419
Delta R.T. 0.019 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

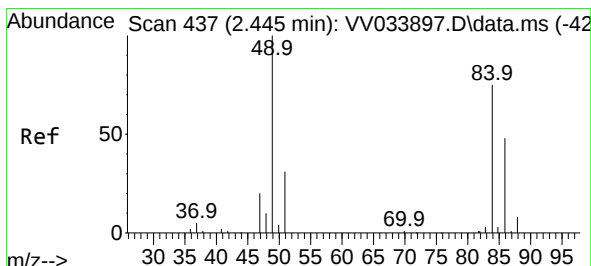
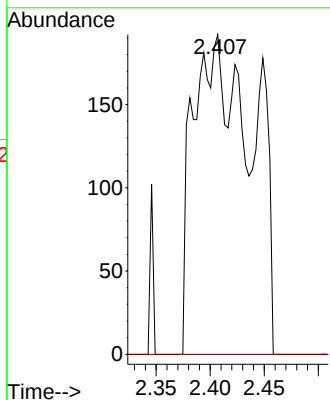
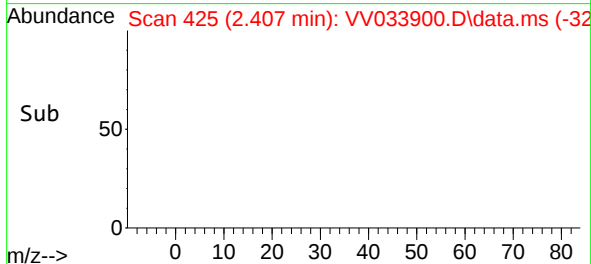
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07



Tgt Ion: 43 Resp: 725
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.4

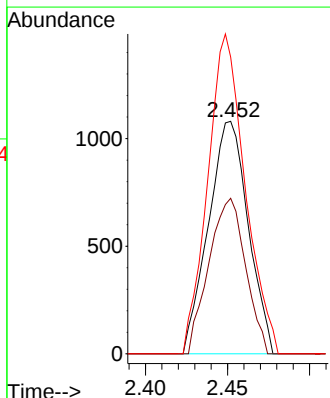
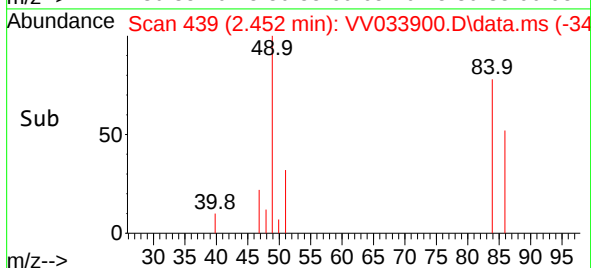
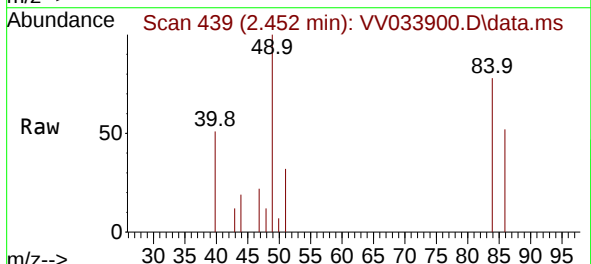
Manual Integrations
APPROVED

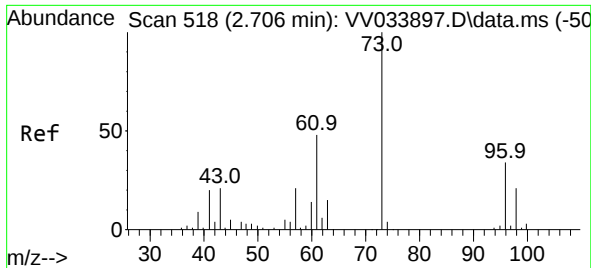
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#16
Methylene chloride
Concen: 0.266 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.006 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

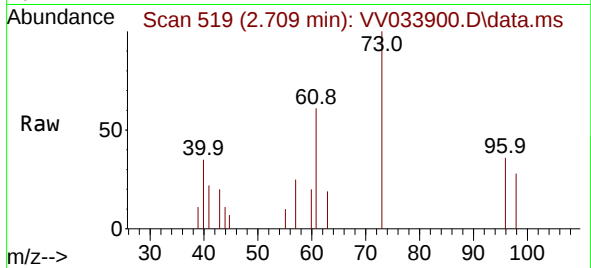
Tgt Ion: 84 Resp: 1820
Ion Ratio Lower Upper
84 100
86 66.9 44.7 83.1
49 127.6 93.7 173.9





#17
Methyl tert-butyl Ether
Concen: 0.233 ug/L
RT: 2.709 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

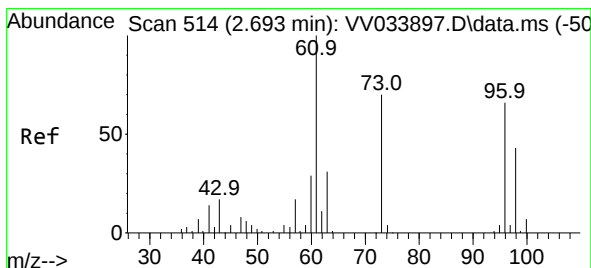
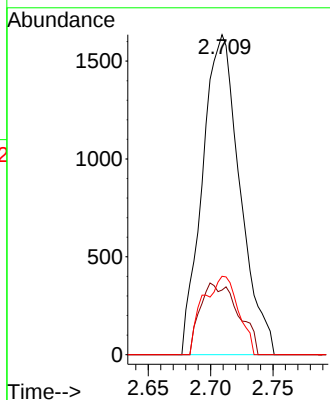
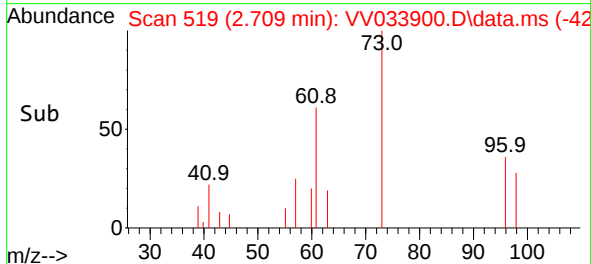
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07



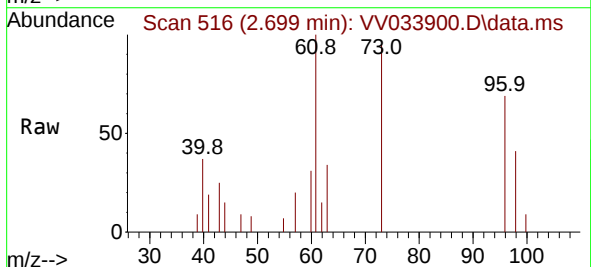
Tgt Ion: 73 Resp: 3420
Ion Ratio Lower Upper
73 100
43 22.7 17.7 26.5
57 23.0 17.9 26.9

Manual Integrations
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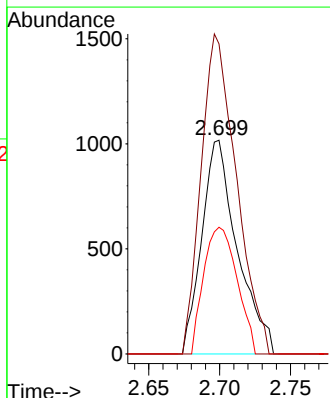
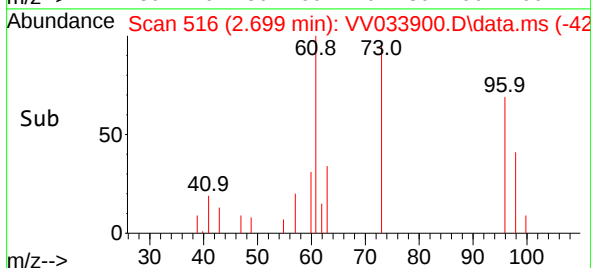
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024

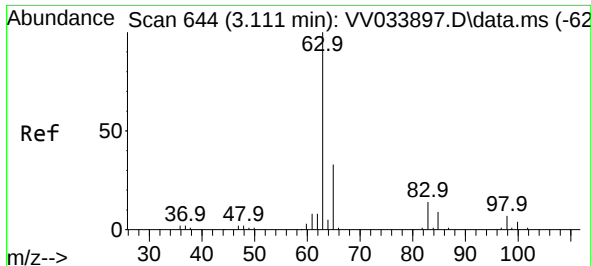


#18
trans-1,2-Dichloroethene
Concen: 0.244 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.006 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37



Tgt Ion: 96 Resp: 1774
Ion Ratio Lower Upper
96 100
61 145.1 97.6 181.4
98 59.3 44.4 82.5





#19

1,1-Dichloroethane

Concen: 0.264 ug/L

RT: 3.117 min Scan# 64

Delta R.T. 0.006 min

Lab File: VV033900.D

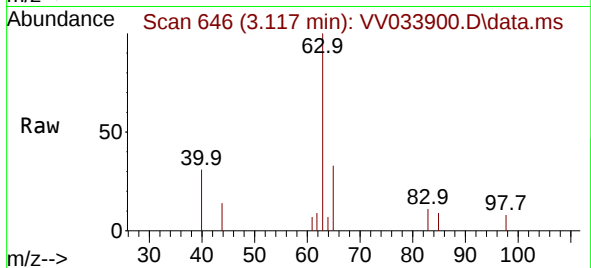
Acq: 29 Jan 2024 12:37

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2023-07

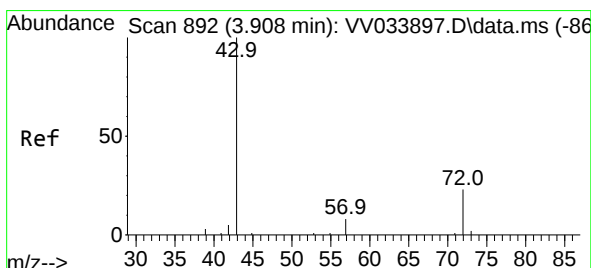
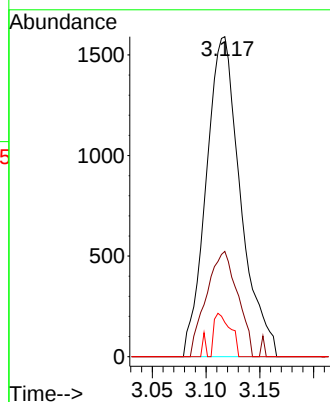
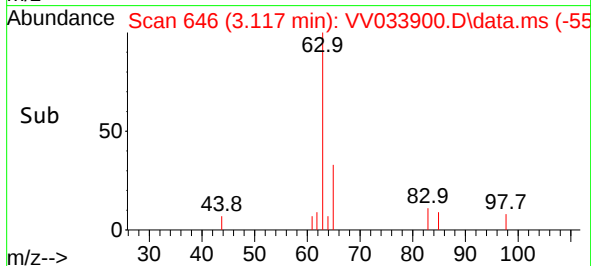


Tgt Ion:	63	Resp:	3520
Ion Ratio	Lower	Upper	
63	100		
65	32.9	20.8	38.6
83	10.7	9.4	17.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#21

2-Butanone

Concen: 3.022 ug/L m

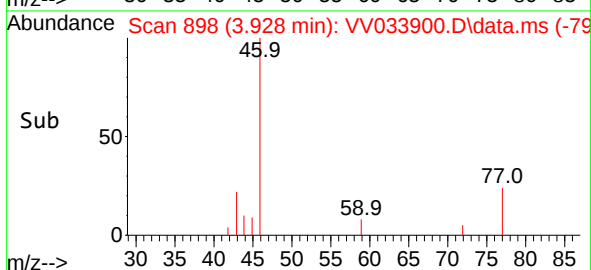
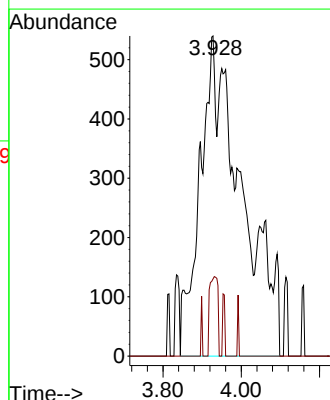
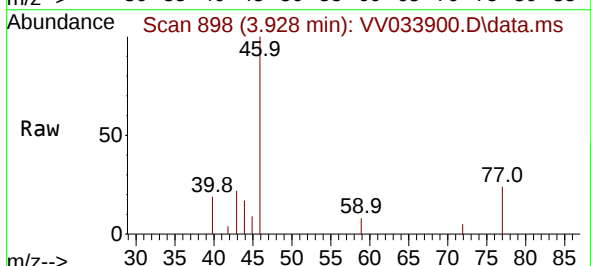
RT: 3.928 min Scan# 898

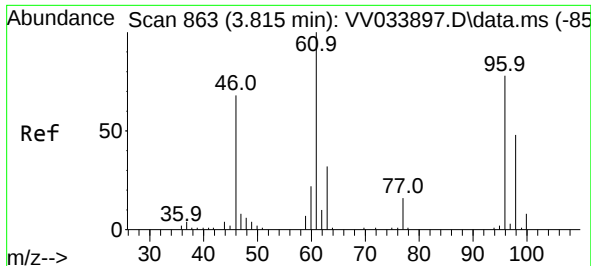
Delta R.T. 0.019 min

Lab File: VV033900.D

Acq: 29 Jan 2024 12:37

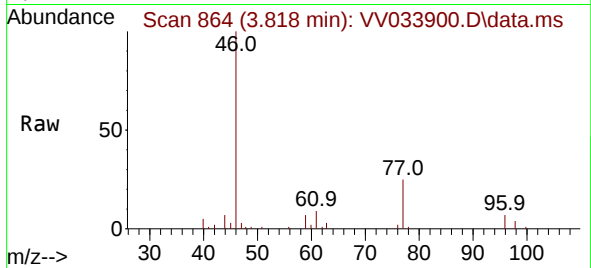
Tgt Ion:	43	Resp:	4024
Ion Ratio	Lower	Upper	
43	100		
72	0.5	4.0	11.9#





#22
 cis-1,2-Dichloroethene
 Concen: 0.238 ug/L
 RT: 3.818 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: VV033900.D
 Acq: 29 Jan 2024 12:37

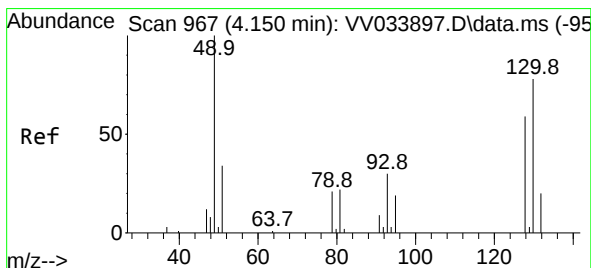
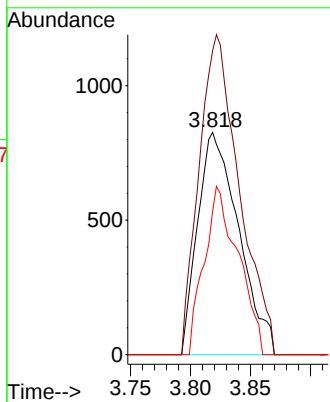
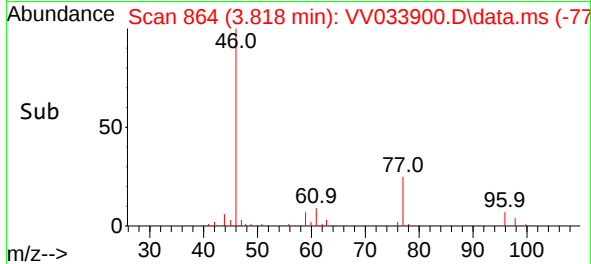
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT4-2023-07



Tgt Ion: 96 Resp: 196
 Ion Ratio Lower Upper
 96 100
 61 136.6 90.3 167.7
 98 64.4 43.2 80.2

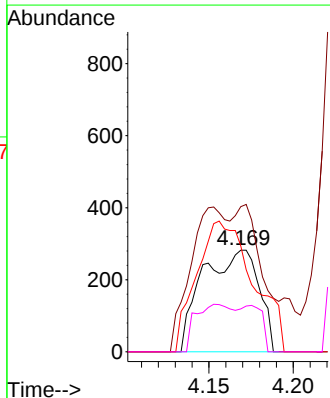
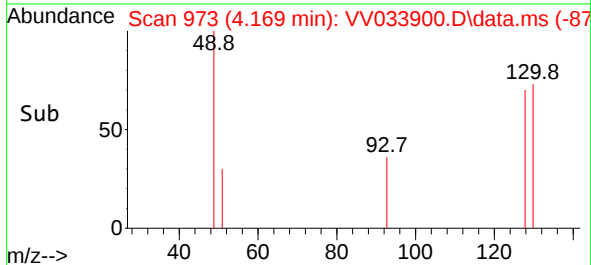
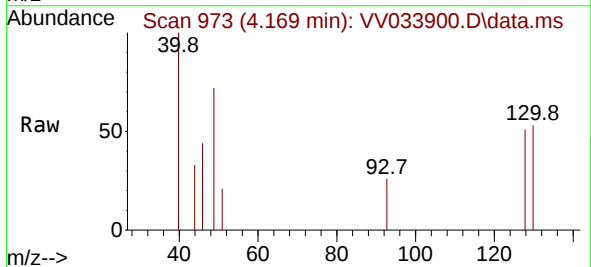
Manual Integrations
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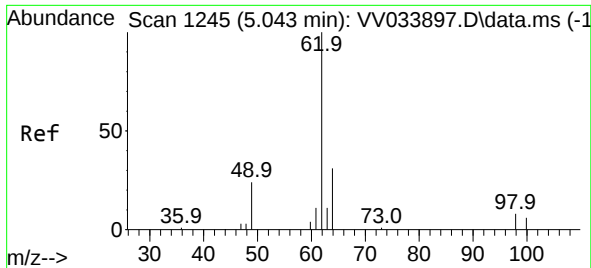
Reviewed By :Mahesh Dadoda 01/30/2024
 Supervised By :Semsettin Yesilyurt 01/30/2024



#23
 Bromochloromethane
 Concen: 0.228 ug/L m
 RT: 4.169 min Scan# 973
 Delta R.T. 0.019 min
 Lab File: VV033900.D
 Acq: 29 Jan 2024 12:37

Tgt Ion:128 Resp: 653
 Ion Ratio Lower Upper
 128 100
 49 142.9 120.5 223.7
 130 104.3 93.4 173.4
 51 42.2 44.2 66.2#





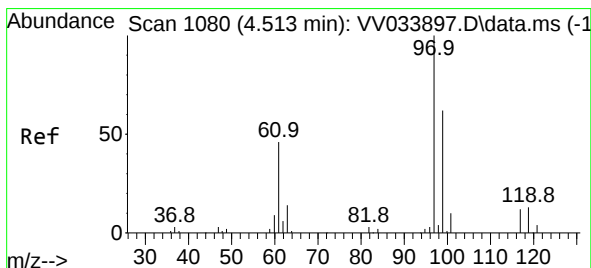
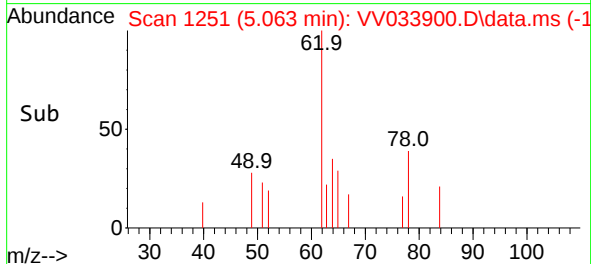
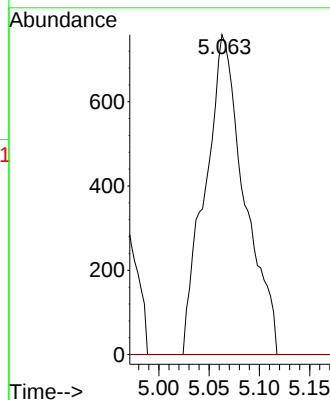
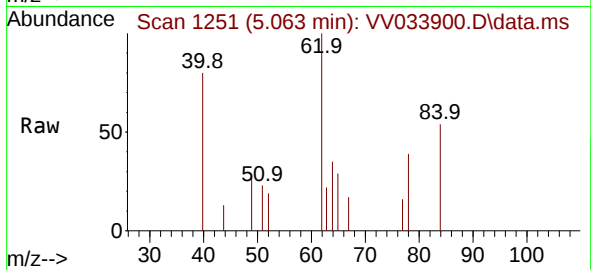
#27
1,2-Dichloroethane
Concen: 0.267 ug/L
RT: 5.063 min Scan# 11
Delta R.T. 0.019 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT4-2023-07

Tgt Ion: 62 Resp: 2060
Ion Ratio Lower Upper
62 100
98 0.0 6.9 10.3

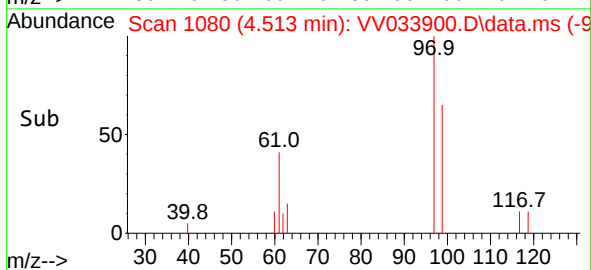
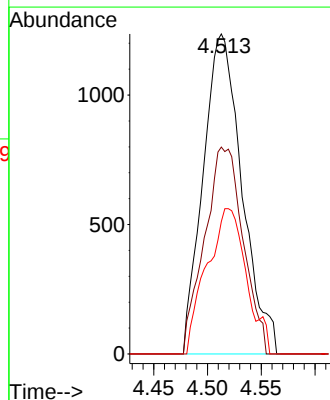
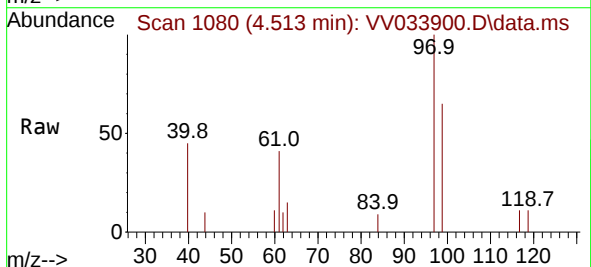
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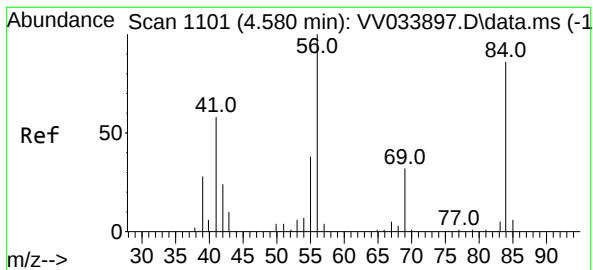
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#29
1,1,1-Trichloroethane
Concen: 0.248 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

Tgt Ion: 97 Resp: 3107
Ion Ratio Lower Upper
97 100
99 64.2 50.6 75.8
61 46.3 36.8 55.2





#30

Cyclohexane

Concen: 0.254 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VV033900.D

Acq: 29 Jan 2024 12:37

Instrument :

MSVOA_V

ClientSampleId :

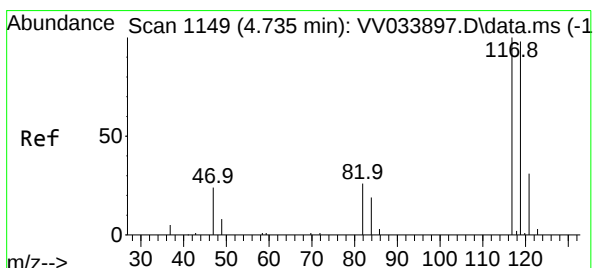
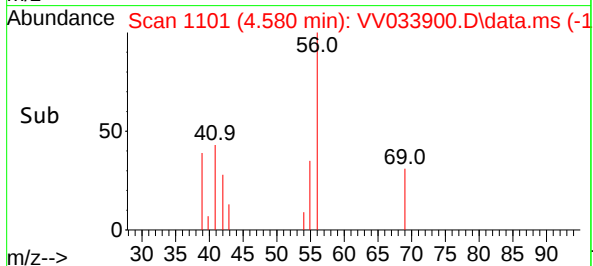
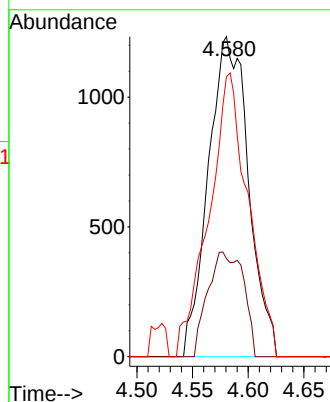
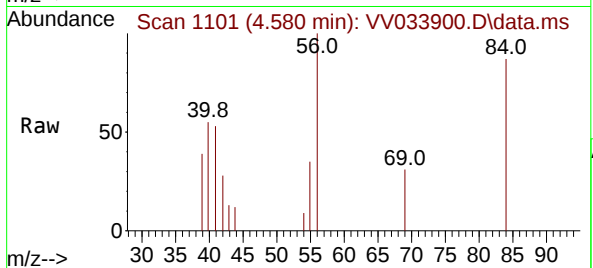
MDL-WATER-QT4-2023-07

Tgt Ion: 56	Resp: 308
Ion Ratio	Lower Upper
56	100
69	29.0 24.2 36.2
84	86.5 70.0 105.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#31

Carbon tetrachloride

Concen: 0.237 ug/L

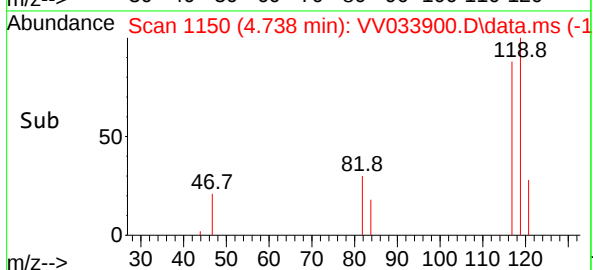
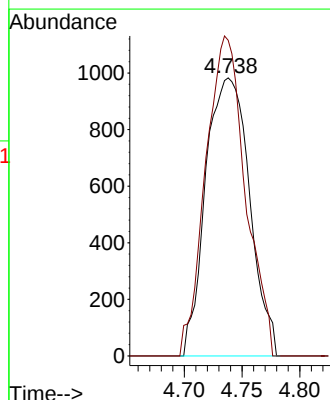
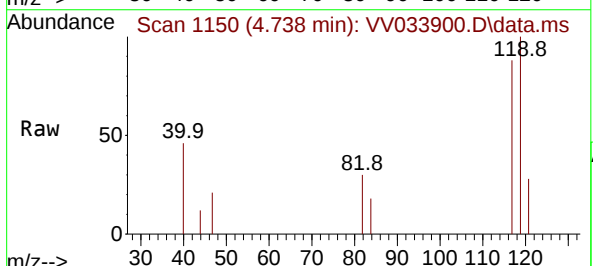
RT: 4.738 min Scan# 1150

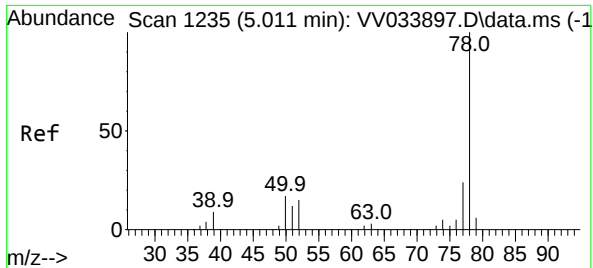
Delta R.T. 0.003 min

Lab File: VV033900.D

Acq: 29 Jan 2024 12:37

Tgt Ion:117	Resp: 2596
Ion Ratio	Lower Upper
117	100
119	104.2 76.1 114.1





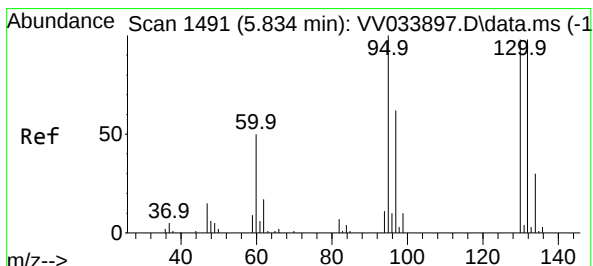
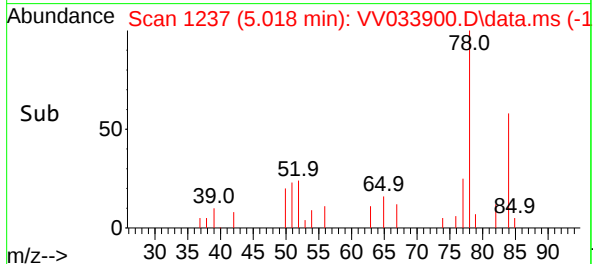
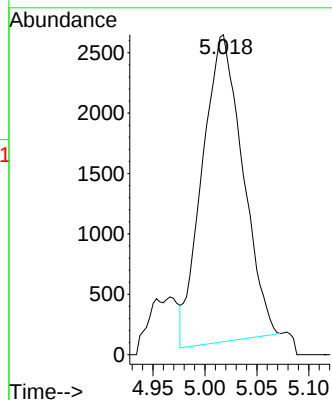
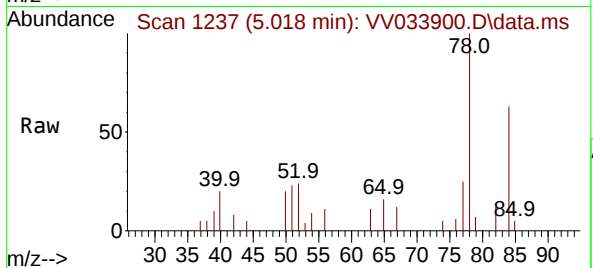
#33
Benzene
Concen: 0.246 ug/L
RT: 5.018 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion: 78 Resp: 688

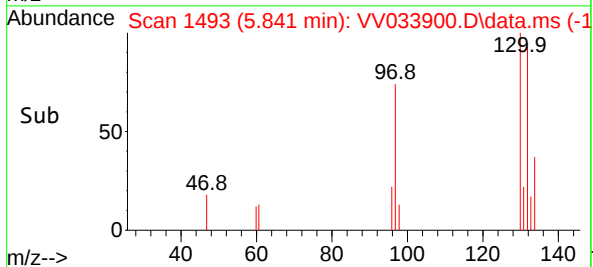
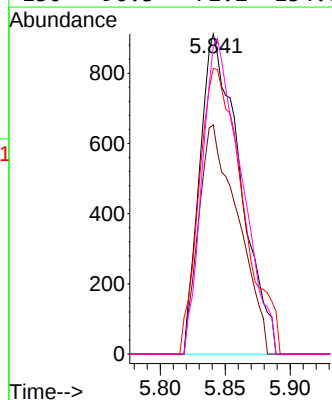
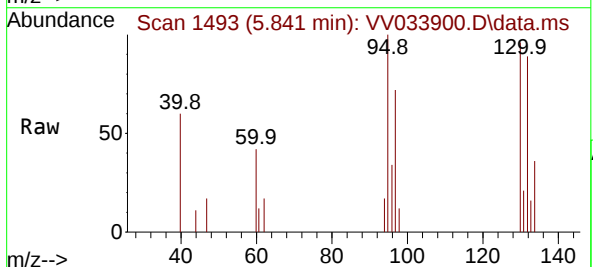
Manual Integrations
APPROVED

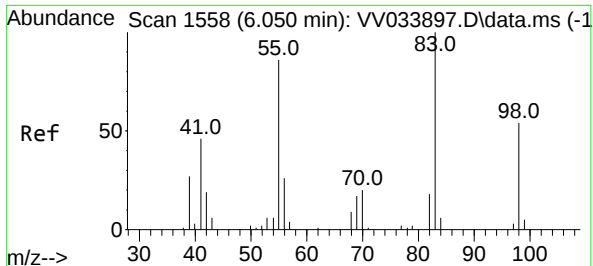
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#34
Trichloroethene
Concen: 0.243 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

Tgt Ion: 95 Resp: 1964
Ion Ratio Lower Upper
95 100
97 71.6 45.1 83.7
132 89.3 66.0 122.6
130 96.3 72.2 134.0





#35

Methylcyclohexane

Concen: 0.248 ug/L

RT: 6.053 min Scan# 1559

Delta R.T. 0.003 min

Lab File: VV033900.D

Acq: 29 Jan 2024 12:37

Instrument :

MSVOA_V

ClientSampleId :

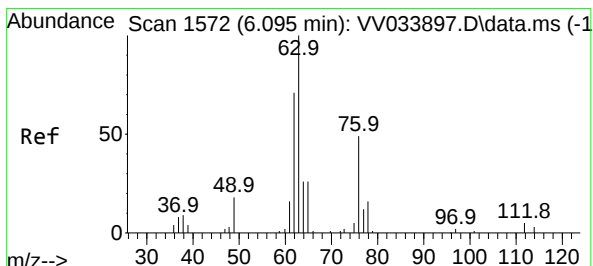
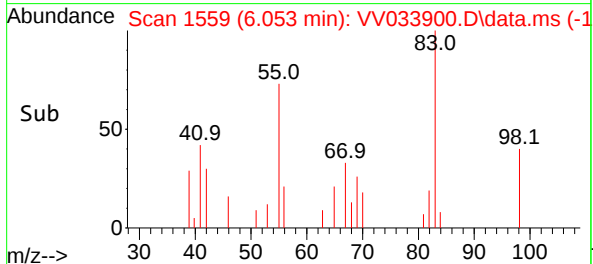
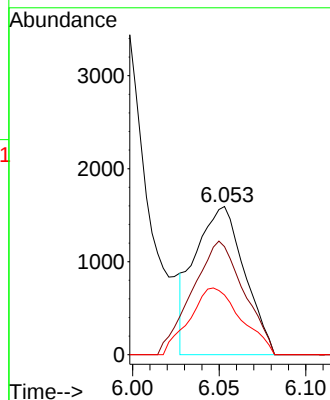
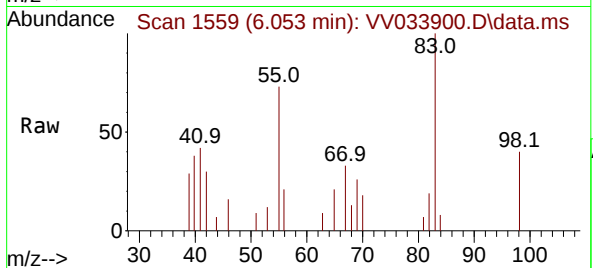
MDL-WATER-QT4-2023-07

Tgt Ion: 83	Resp: 3150
Ion Ratio	Lower Upper
83	100
55	80.5 63.5 95.3
98	47.2 39.0 58.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#37

1,2-Dichloropropane

Concen: 0.258 ug/L

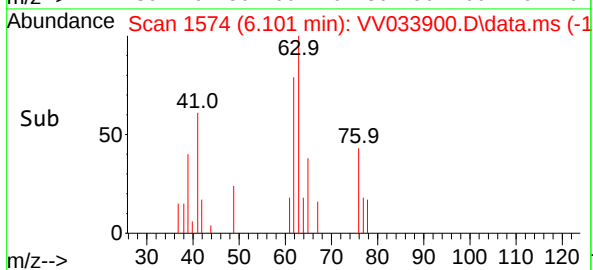
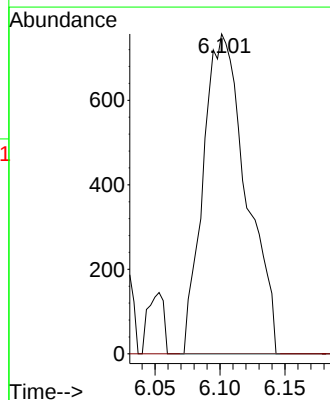
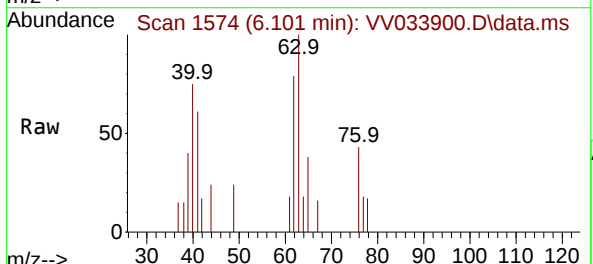
RT: 6.101 min Scan# 1574

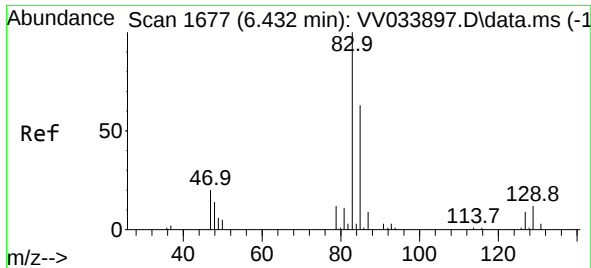
Delta R.T. 0.006 min

Lab File: VV033900.D

Acq: 29 Jan 2024 12:37

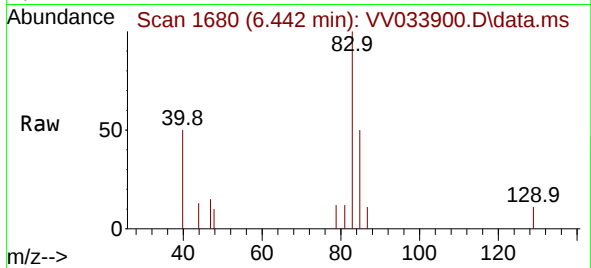
Tgt Ion: 63	Resp: 1746
Ion Ratio	Lower Upper
63	100
112	0.0 3.4 5.0#





#38
Bromodichloromethane
Concen: 0.266 ug/L
RT: 6.442 min Scan# 1677
Delta R.T. 0.010 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

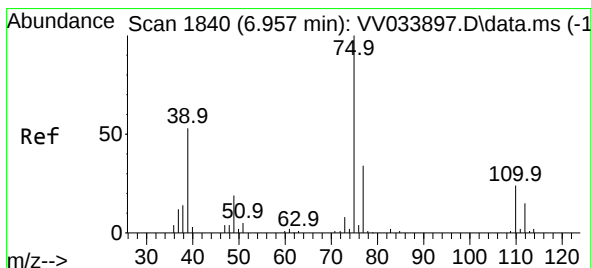
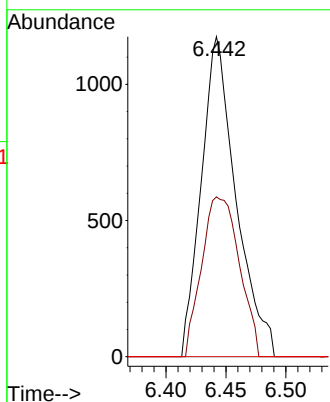
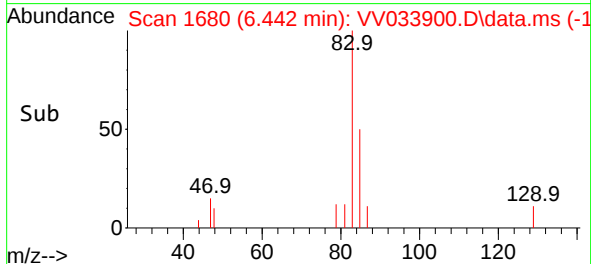
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT4-2023-07



Tgt Ion: 83 Resp: 236
Ion Ratio Lower Upper
83 100
85 50.0 45.4 84.2
127 0.0 6.5 9.7

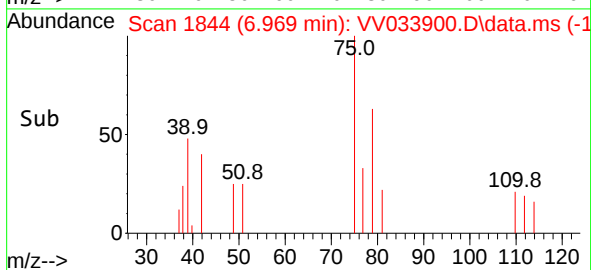
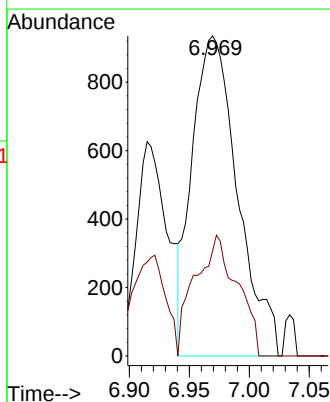
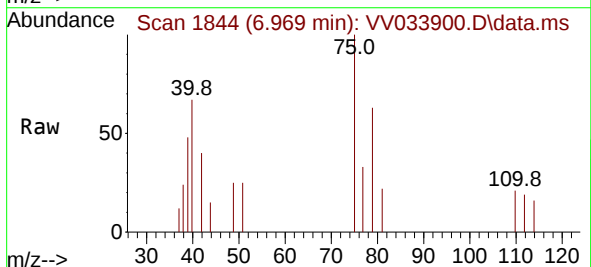
Manual Integrations
APPROVED

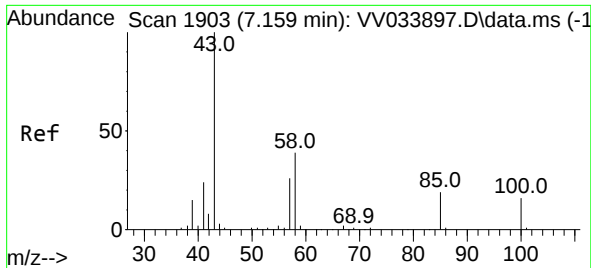
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#39
cis-1,3-Dichloropropene
Concen: 0.240 ug/L
RT: 6.969 min Scan# 1844
Delta R.T. 0.013 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

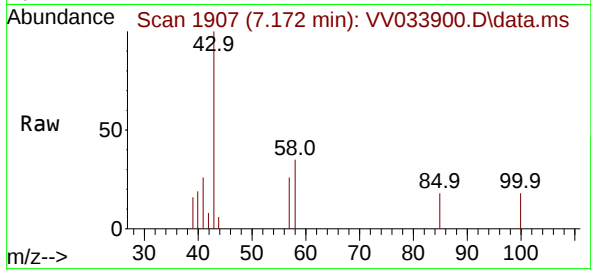
Tgt Ion: 75 Resp: 2476
Ion Ratio Lower Upper
75 100
77 32.8 22.9 42.5





#40
4-Methyl-2-pentanone
Concen: 2.559 ug/L m
RT: 7.172 min Scan# 1907
Delta R.T. 0.013 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

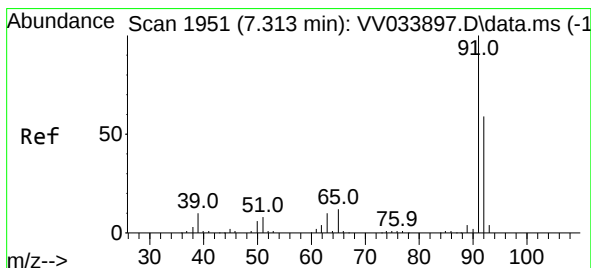
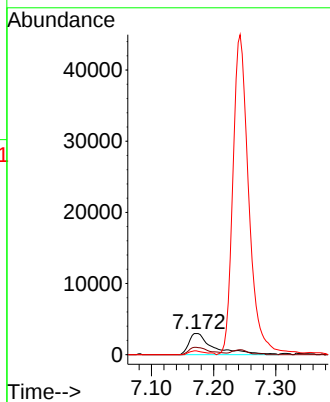
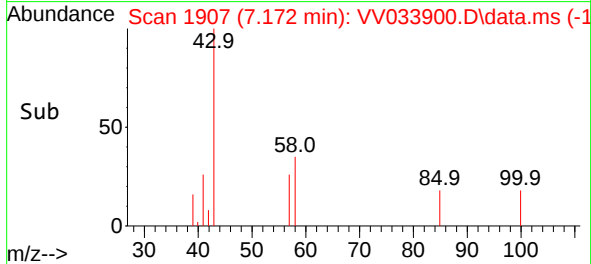
Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07



Tgt Ion: 43 Resp: 8300
Ion Ratio Lower Upper
43 100
58 29.7 30.2 45.2
100 0.0 12.1 18.1

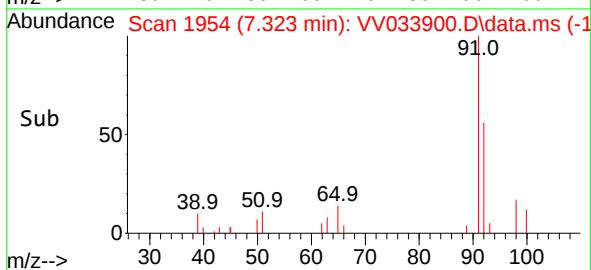
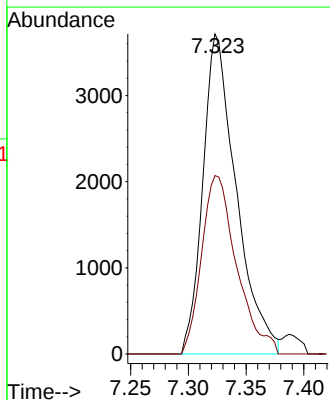
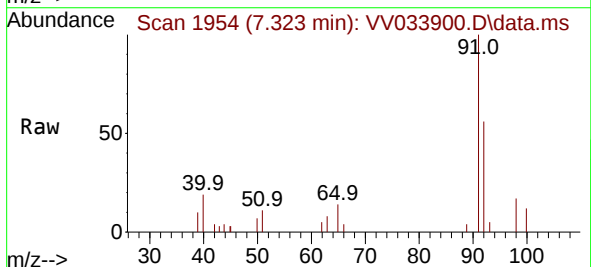
Manual Integrations
APPROVED

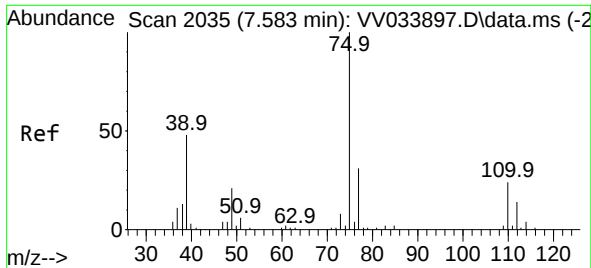
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#42
Toluene
Concen: 0.250 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.010 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

Tgt Ion: 91 Resp: 7459
Ion Ratio Lower Upper
91 100
92 55.8 42.1 78.3





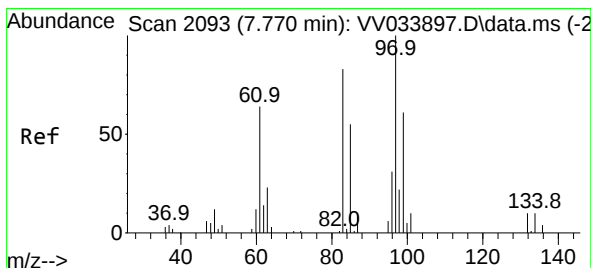
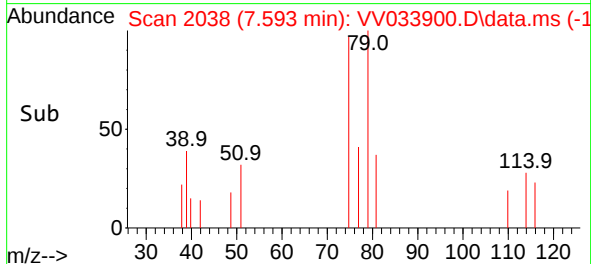
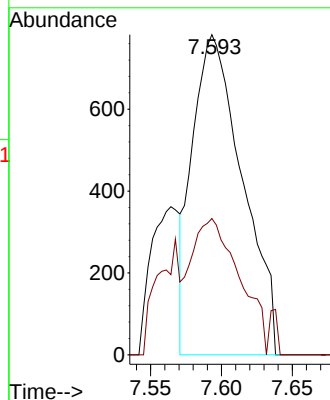
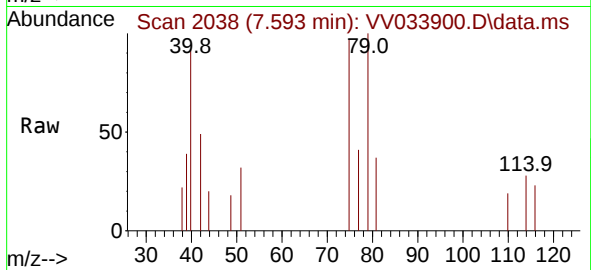
#44
trans-1,3-Dichloropropene
Concen: 0.243 ug/L
RT: 7.593 min Scan# 2038
Delta R.T. 0.010 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion: 75 Resp: 1919
Ion Ratio Lower Upper
75 100
77 42.6 22.2 41.2

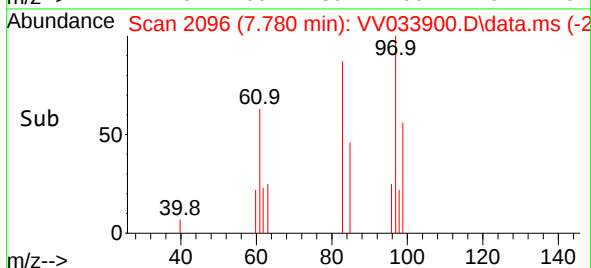
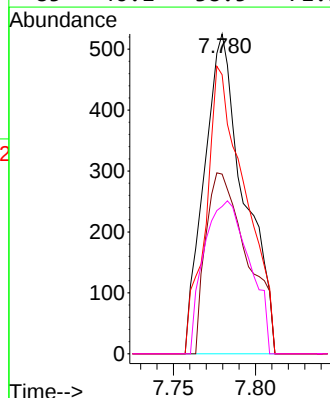
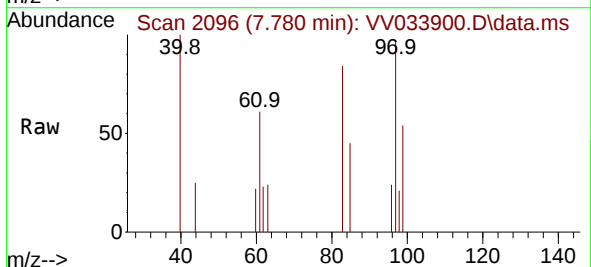
Manual Integrations
APPROVED

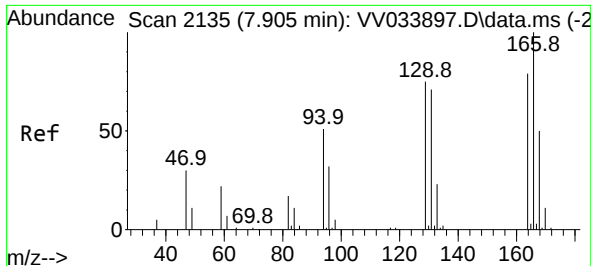
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#45
1,1,2-Trichloroethane
Concen: 0.212 ug/L
RT: 7.780 min Scan# 2096
Delta R.T. 0.010 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

Tgt Ion: 97 Resp: 888
Ion Ratio Lower Upper
97 100
99 56.2 45.6 84.6
83 87.2 62.3 115.7
85 46.1 38.5 71.5





#47

Tetrachloroethene

Concen: 0.250 ug/L

RT: 7.911 min Scan# 2135

Delta R.T. 0.006 min

Lab File: VV033900.D

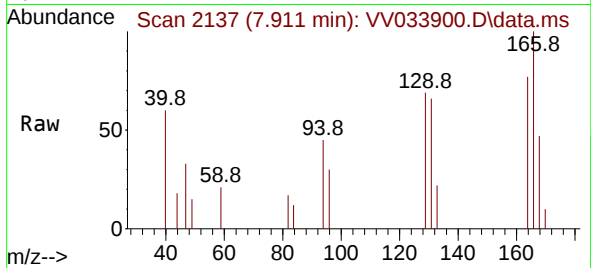
Acq: 29 Jan 2024 12:37

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2023-07



Tgt Ion:164 Resp: 164

Ion Ratio Lower Upper

164 100

129 89.4 67.8 125.8

131 84.9 63.0 117.0

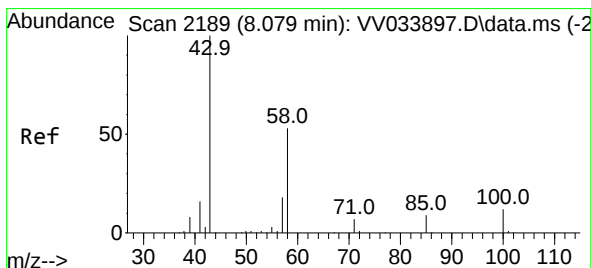
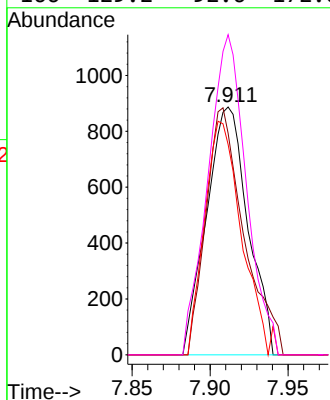
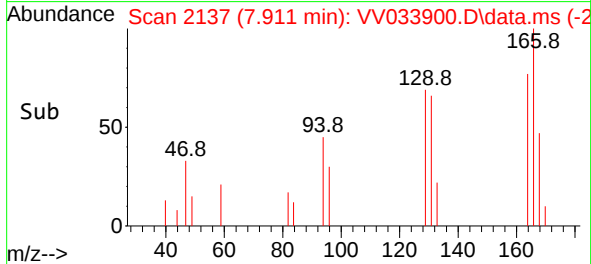
166 129.2 92.6 172.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/30/2024

Supervised By :Semsettin Yesilyurt 01/30/2024



#48

2-Hexanone

Concen: 5.267 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. 0.010 min

Lab File: VV033900.D

Acq: 29 Jan 2024 12:37

Tgt Ion: 43 Resp: 12041

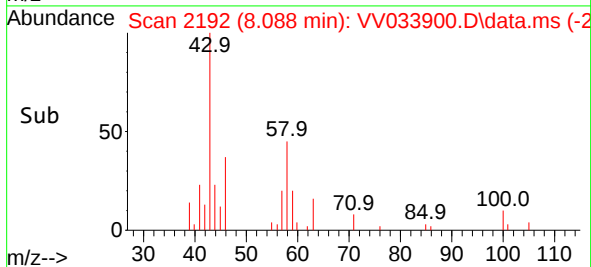
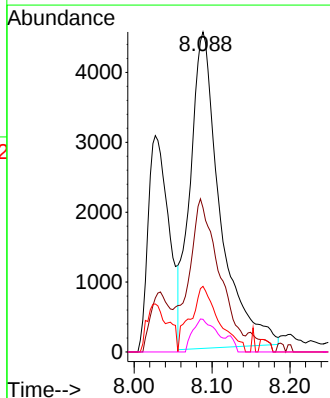
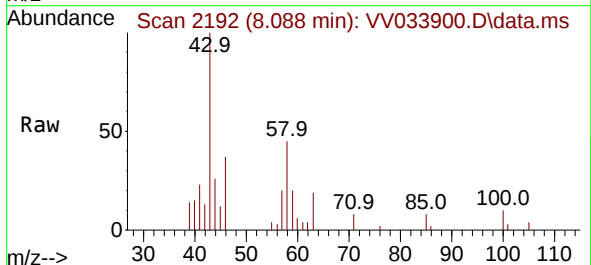
Ion Ratio Lower Upper

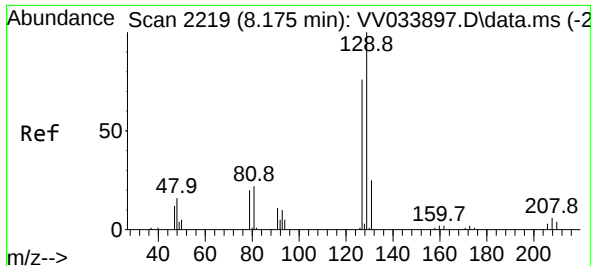
43 100

58 46.7 42.6 64.0

57 19.7 15.5 23.3

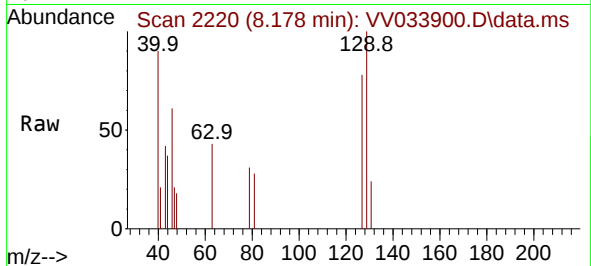
100 8.3 10.1 15.1#





#49
Dibromochloromethane
Concen: 0.216 ug/L
RT: 8.178 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

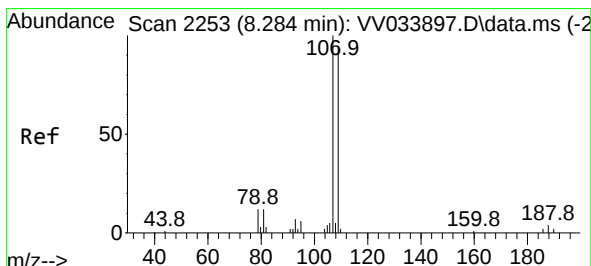
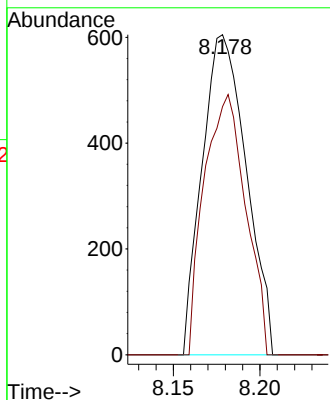
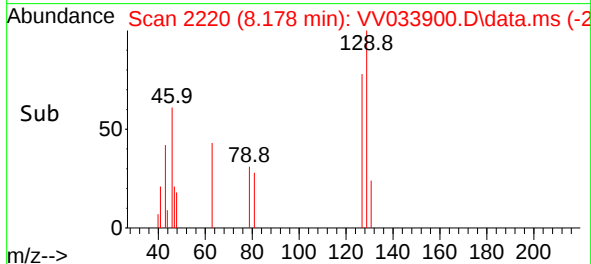
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07



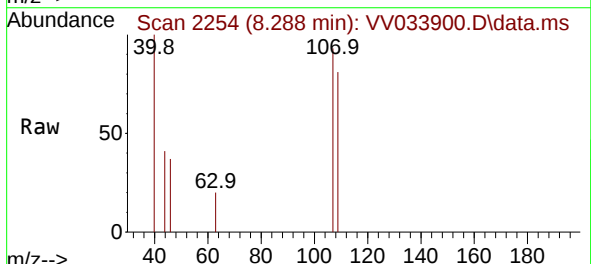
Tgt Ion:129 Resp: 1074
Ion Ratio Lower Upper
129 100
127 77.5 53.5 99.5

Manual Integrations
APPROVED

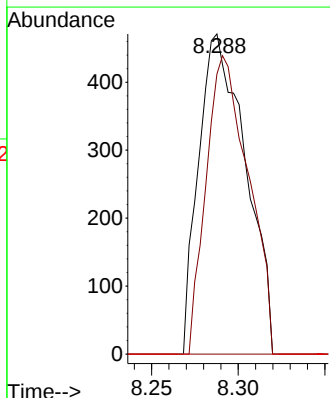
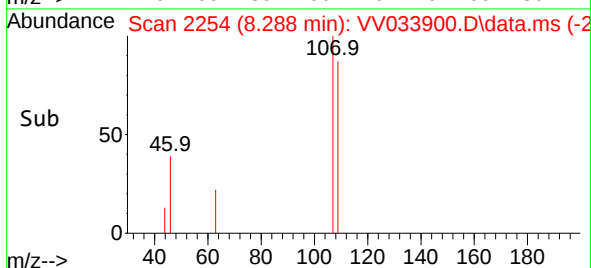
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024

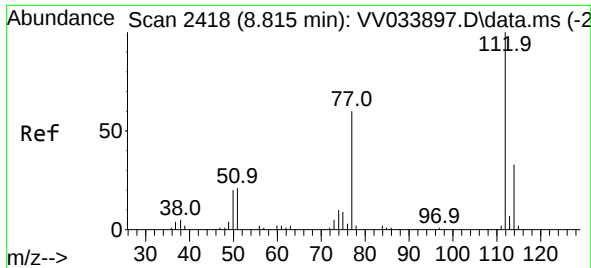


#50
1,2-Dibromoethane
Concen: 0.236 ug/L
RT: 8.288 min Scan# 2254
Delta R.T. 0.003 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37



Tgt Ion:107 Resp: 887
Ion Ratio Lower Upper
107 100
109 87.5 64.5 119.9
188 0.0 2.6 4.0#





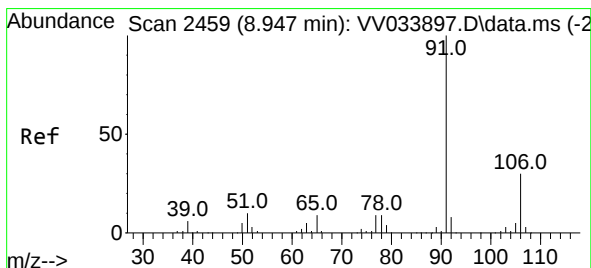
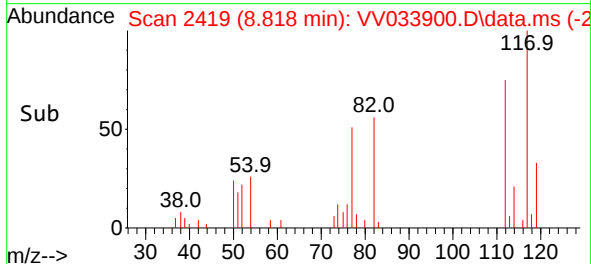
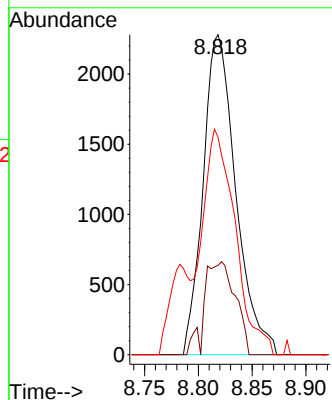
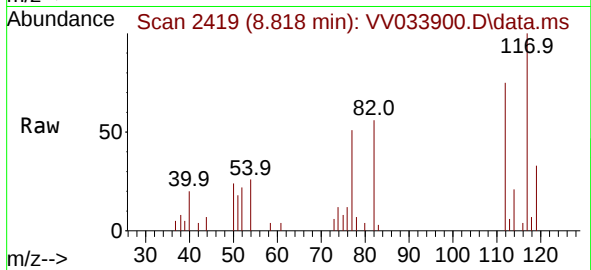
#51
Chlorobenzene
Concen: 0.256 ug/L
RT: 8.818 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion:112	Resp:	4829	
Ion	Ratio	Lower	Upper
112	100		
114	27.9	22.5	41.7
77	68.0	48.1	72.1

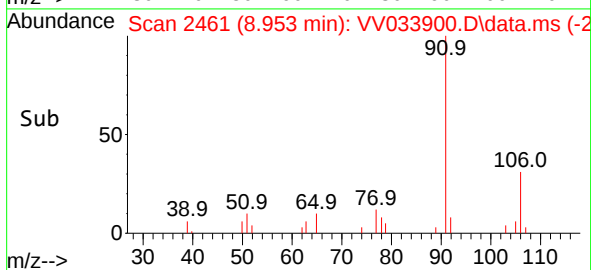
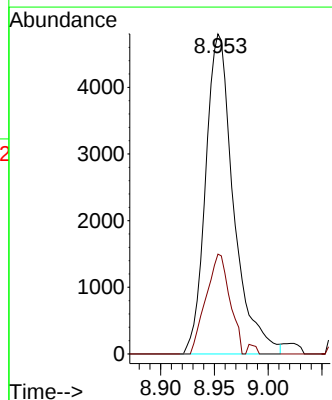
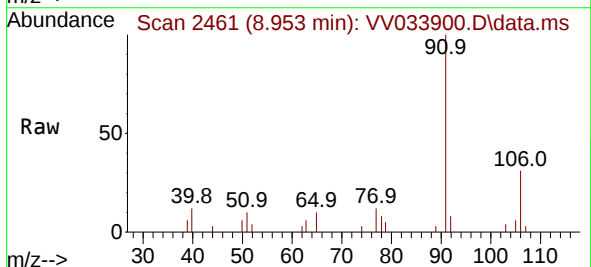
Manual Integrations
APPROVED

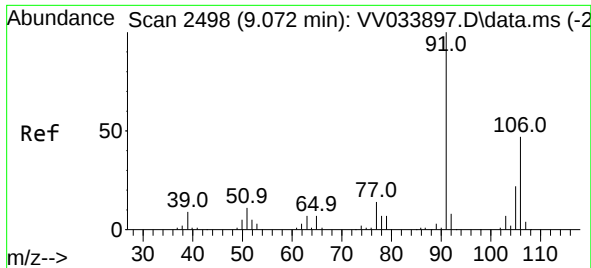
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#52
Ethylbenzene
Concen: 0.252 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.006 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

Tgt Ion: 91	Resp: 8682		
Ion Ratio	Lower	Upper	
91 100			
106 31.2	21.4	39.8	





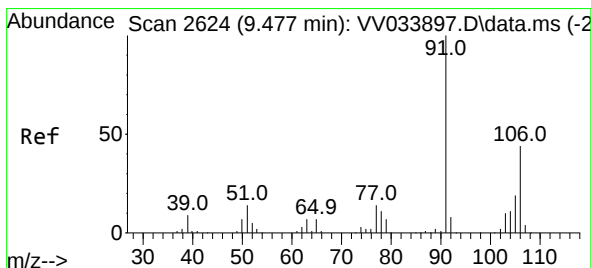
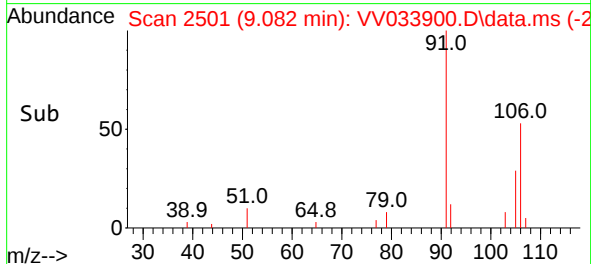
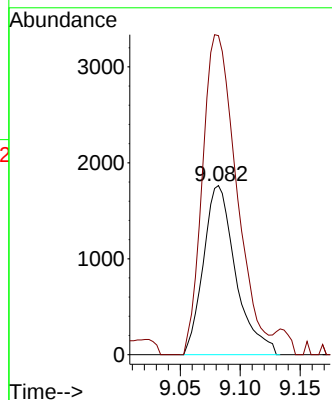
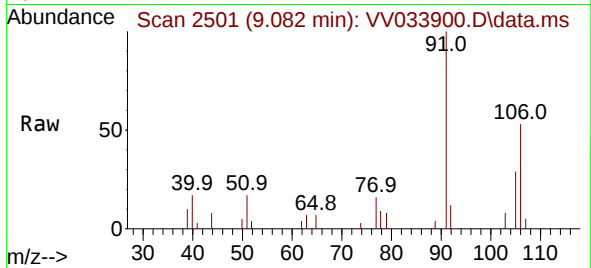
#53
m,p-Xylene
Concen: 0.253 ug/L
RT: 9.082 min Scan# 2498
Delta R.T. 0.010 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07

Tgt Ion:106 Resp: 3294
Ion Ratio Lower Upper
106 100
91 188.7 147.5 273.9

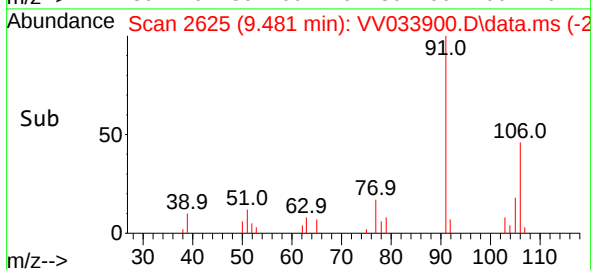
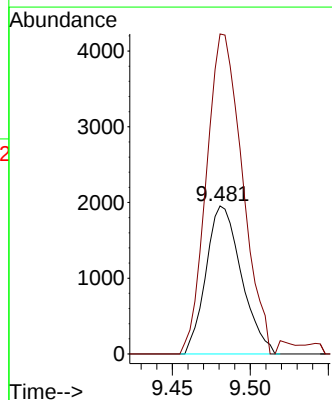
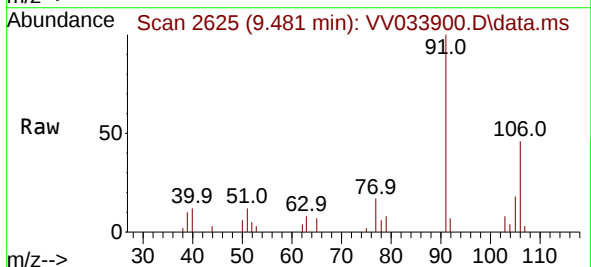
Manual Integrations
APPROVED

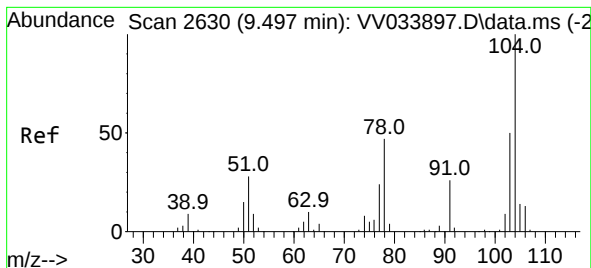
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#54
o-Xylene
Concen: 0.246 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.003 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

Tgt Ion:106 Resp: 3082
Ion Ratio Lower Upper
106 100
91 216.3 156.2 290.0





#55

Styrene

Concen: 0.236 ug/L

RT: 9.506 min Scan# 2630

Delta R.T. 0.010 min

Lab File: VV033900.D

Acq: 29 Jan 2024 12:37

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2023-07

Tgt Ion:104 Resp: 4730

Ion Ratio Lower Upper

104 100

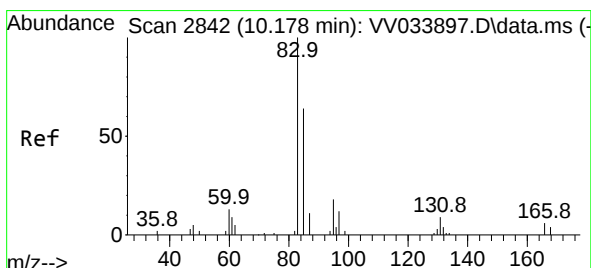
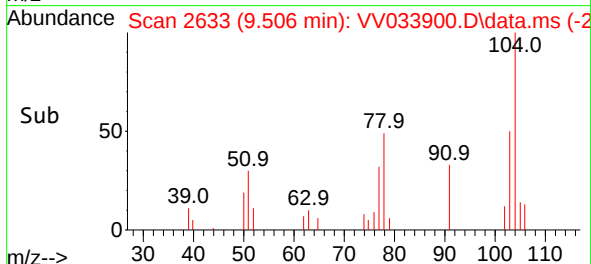
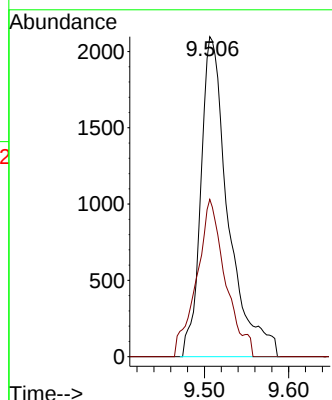
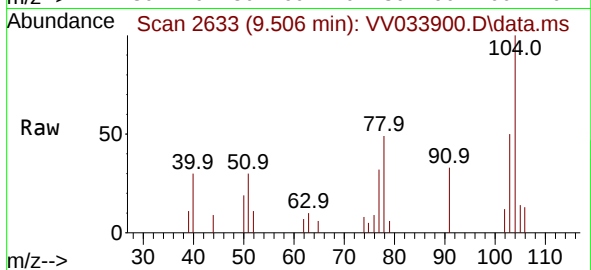
78 49.2 32.9 61.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/30/2024

Supervised By :Semsettin Yesilyurt 01/30/2024



#57

1,1,2,2-Tetrachloroethane

Concen: 0.276 ug/L

RT: 10.185 min Scan# 2844

Delta R.T. 0.006 min

Lab File: VV033900.D

Acq: 29 Jan 2024 12:37

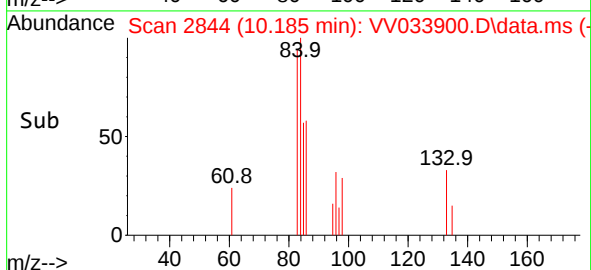
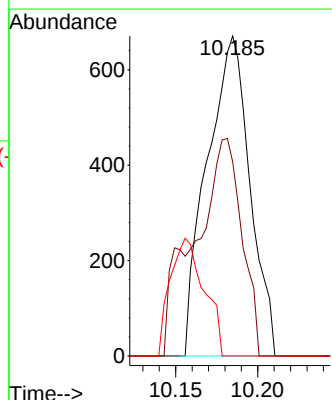
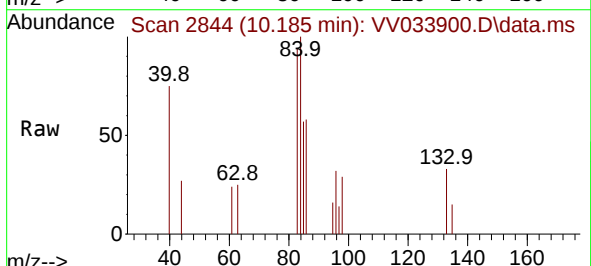
Tgt Ion: 83 Resp: 1217

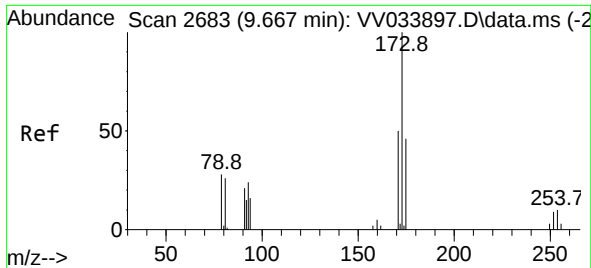
Ion Ratio Lower Upper

83 100

85 60.7 46.5 86.3

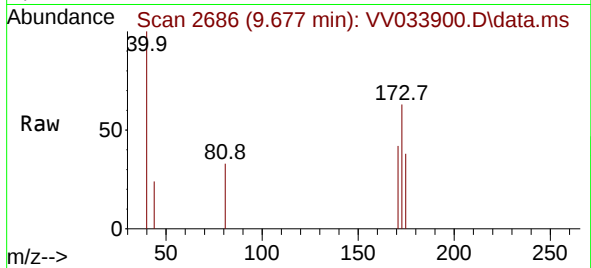
131 0.0 8.4 12.6





#59
Bromoform
Concen: 0.210 ug/L
RT: 9.677 min Scan# 20
Delta R.T. 0.010 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

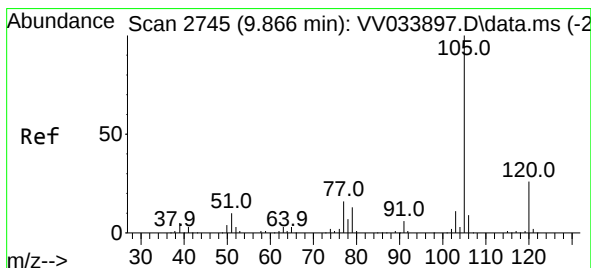
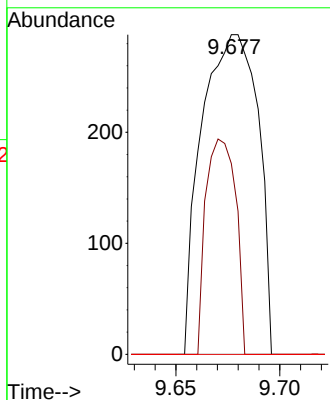
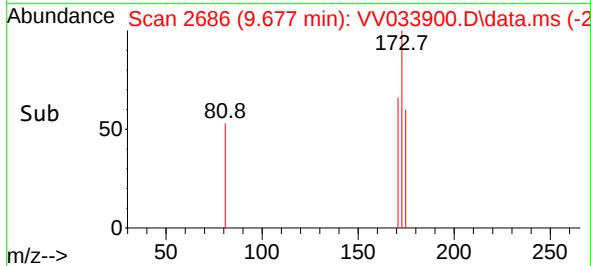
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07



Tgt Ion:173 Resp: 54
Ion Ratio Lower Upper
173 100
175 35.7 38.6 57.8
254 0.0 7.2 10.8

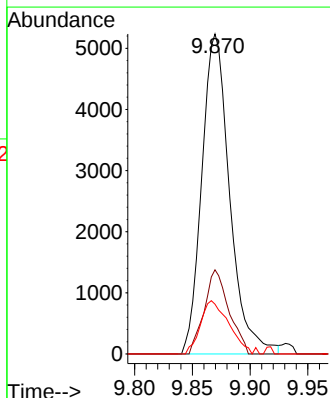
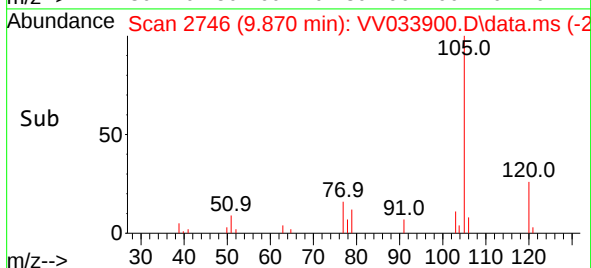
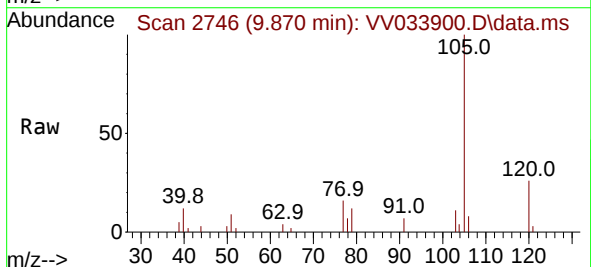
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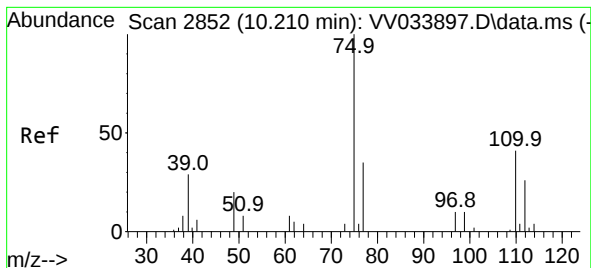
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#60
Isopropylbenzene
Concen: 0.254 ug/L
RT: 9.870 min Scan# 2746
Delta R.T. 0.003 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

Tgt Ion:105 Resp: 8788
Ion Ratio Lower Upper
105 100
120 23.2 20.7 31.1
77 17.1 13.0 19.6





#61

1,2,3-Trichloropropane

Concen: 0.265 ug/L

RT: 10.214 min Scan# 2852

Delta R.T. 0.003 min

Lab File: VV033900.D

Acq: 29 Jan 2024 12:37

Instrument :

MSVOA_V

ClientSampleId :

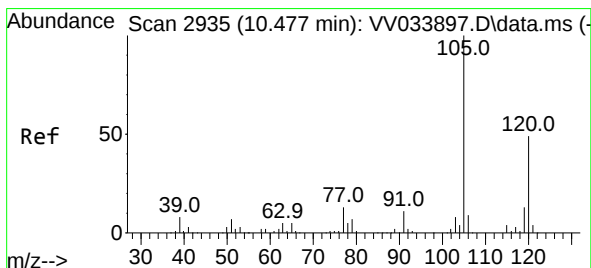
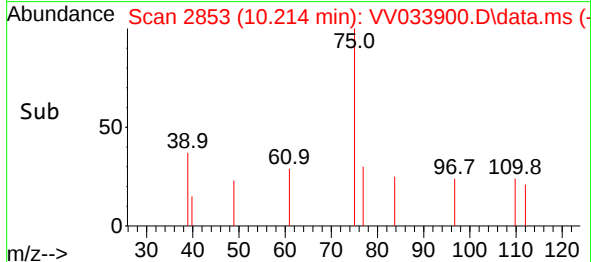
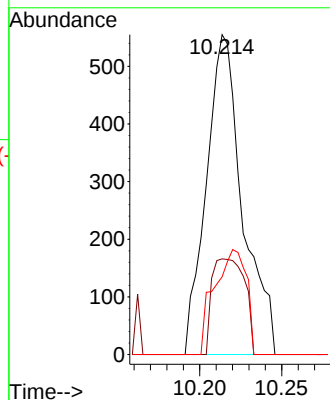
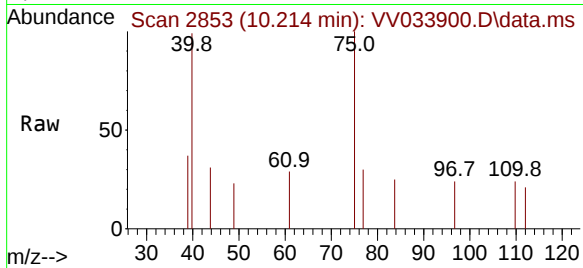
MDL-WATER-QT4-2023-07

Tgt Ion: 75	Resp: 850
Ion Ratio	Lower Upper
75	100
77	26.9 26.9 40.3
110	28.9 33.3 49.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#62

1,3,5-Trimethylbenzene

Concen: 0.248 ug/L

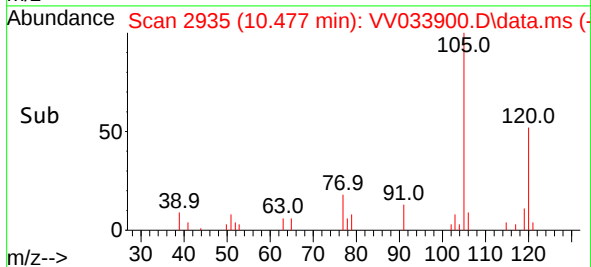
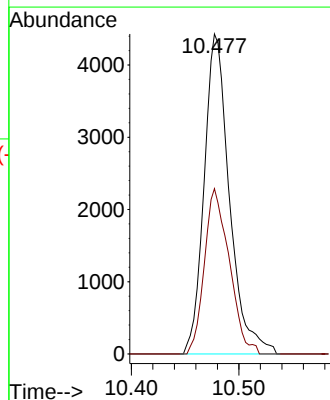
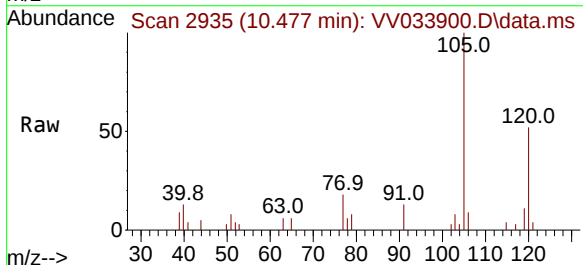
RT: 10.477 min Scan# 2935

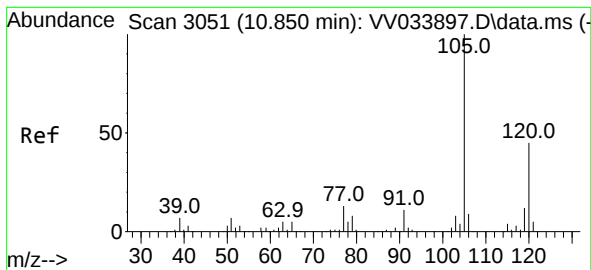
Delta R.T. 0.000 min

Lab File: VV033900.D

Acq: 29 Jan 2024 12:37

Tgt Ion:105	Resp: 7250
Ion Ratio	Lower Upper
105	100
120	50.7 38.2 57.4





#63

1,2,4-Trimethylbenzene

Concen: 0.248 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.006 min

Lab File: VV033900.D

Acq: 29 Jan 2024 12:37

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2023-07

Tgt Ion:105 Resp: 7048

Ion Ratio Lower Upper

105 100

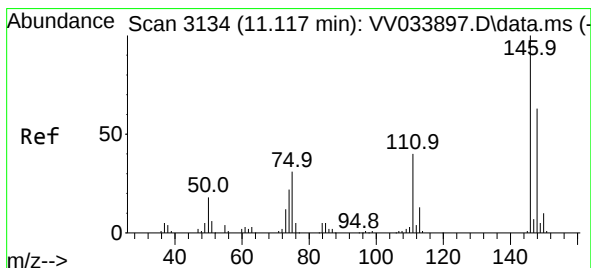
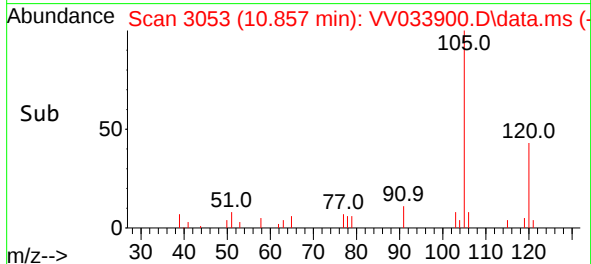
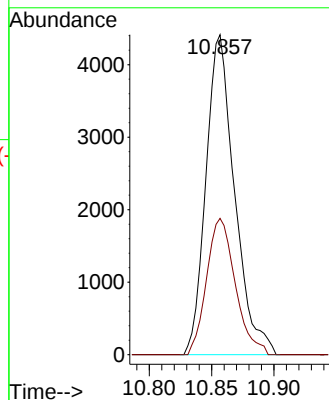
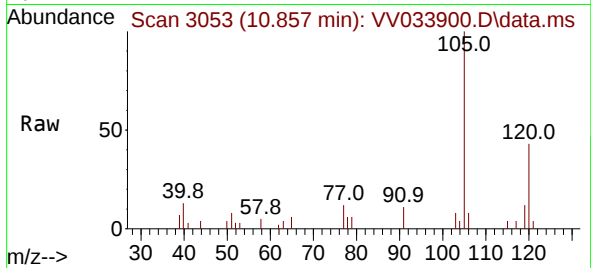
120 42.7 36.2 54.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/30/2024

Supervised By :Semsettin Yesilyurt 01/30/2024



#64

1,3-Dichlorobenzene

Concen: 0.256 ug/L

RT: 11.124 min Scan# 3136

Delta R.T. 0.006 min

Lab File: VV033900.D

Acq: 29 Jan 2024 12:37

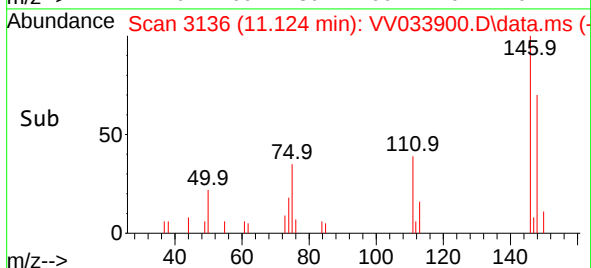
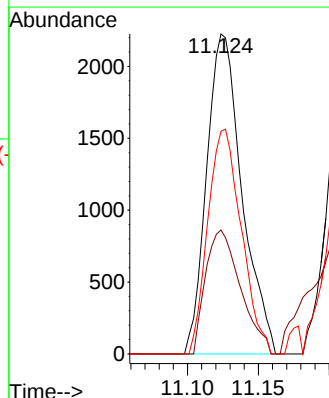
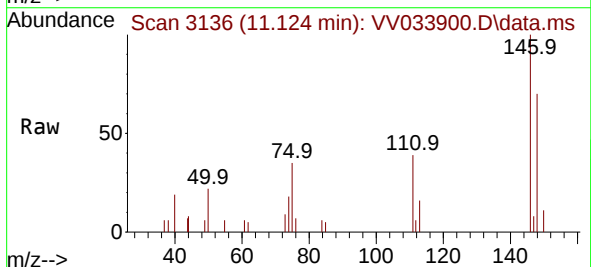
Tgt Ion:146 Resp: 3859

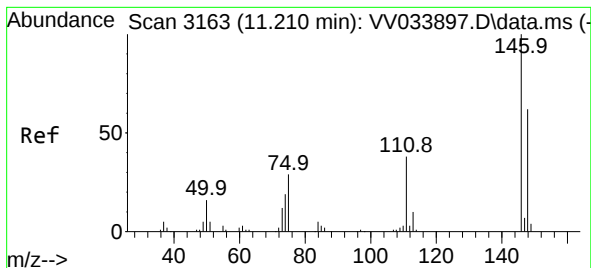
Ion Ratio Lower Upper

146 100

111 38.8 28.5 52.9

148 69.6 44.4 82.4





#65

1,4-Dichlorobenzene

Concen: 0.259 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VV033900.D

Acq: 29 Jan 2024 12:37

Instrument :

MSVOA_V

ClientSampleId :

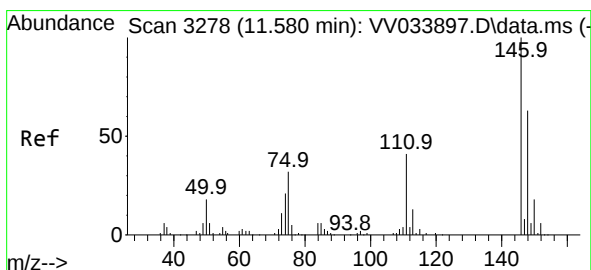
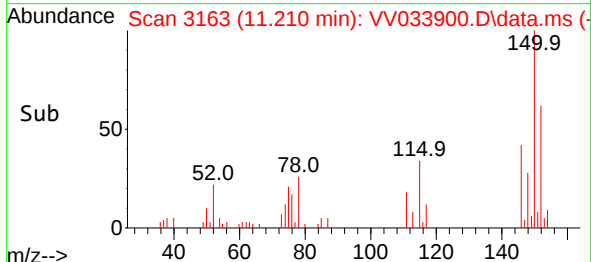
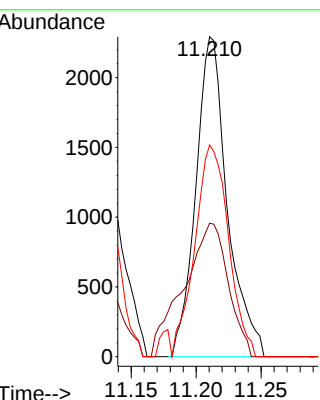
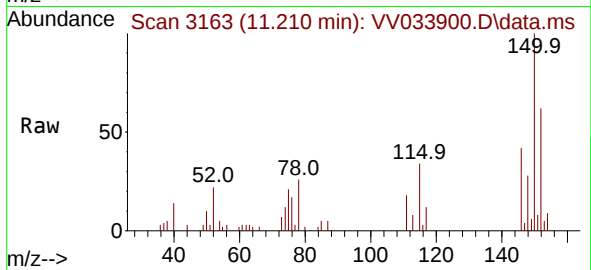
MDL-WATER-QT4-2023-07

Tgt Ion:146	Resp:	3869
Ion Ratio	Lower	Upper
146	100	
111	41.7	27.6 51.4
148	66.1	44.8 83.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#67

1,2-Dichlorobenzene

Concen: 0.275 ug/L

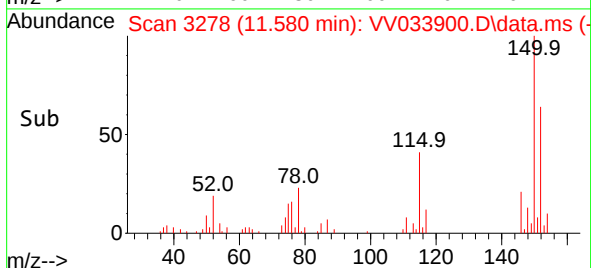
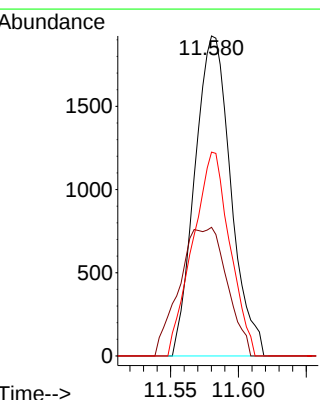
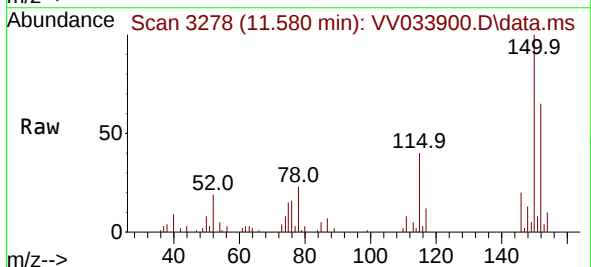
RT: 11.580 min Scan# 3278

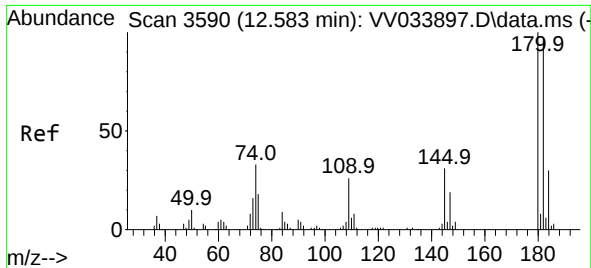
Delta R.T. 0.000 min

Lab File: VV033900.D

Acq: 29 Jan 2024 12:37

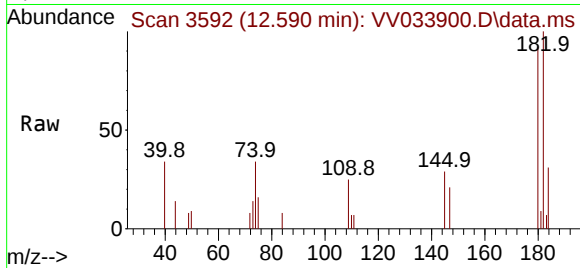
Tgt Ion:146	Resp:	3554
Ion Ratio	Lower	Upper
146	100	
111	40.2	31.2 46.8
148	63.7	49.8 74.8





#69
1,3,5-Trichlorobenzene
Concen: 0.239 ug/L
RT: 12.590 min Scan# 3592
Delta R.T. 0.006 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

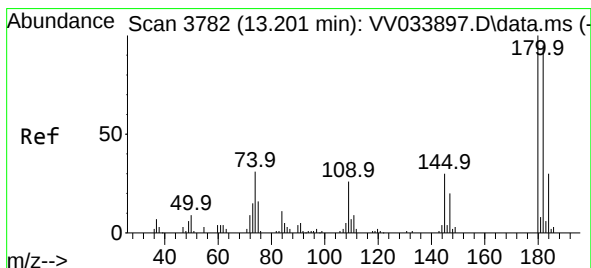
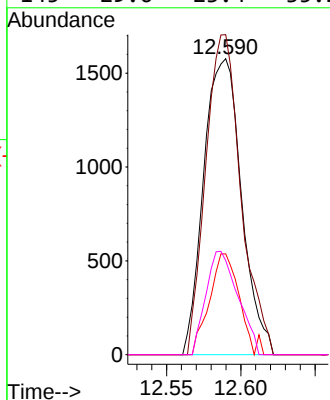
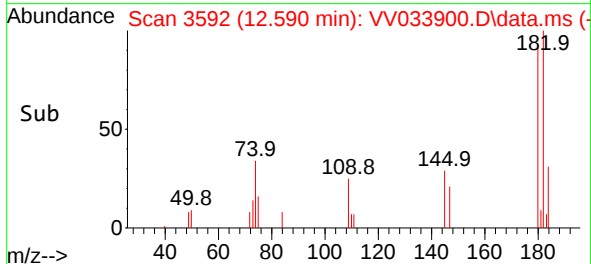
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07



Tgt Ion:180 Resp: 2789
Ion Ratio Lower Upper
180 100
182 100.5 77.0 115.4
184 27.0 23.8 35.6
145 29.6 23.4 35.2

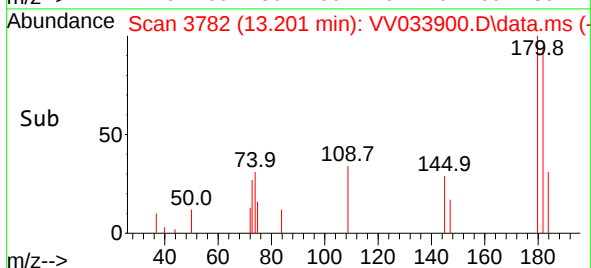
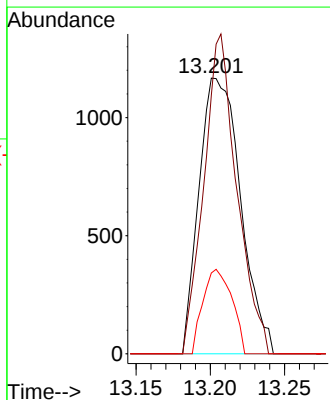
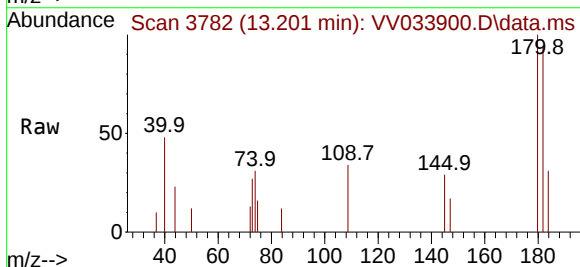
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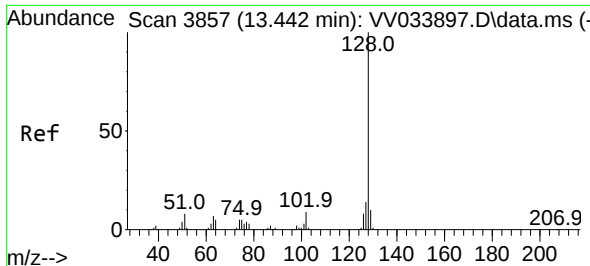
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#70
1,2,4-trichlorobenzene
Concen: 0.250 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. 0.000 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

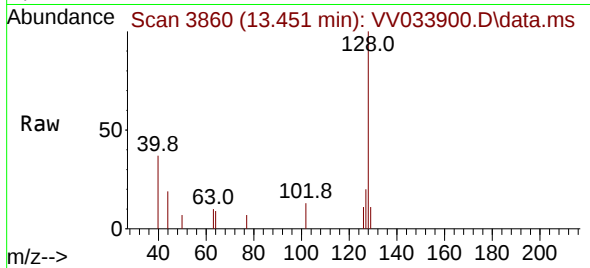
Tgt Ion:180 Resp: 2272
Ion Ratio Lower Upper
180 100
182 92.1 76.8 115.2
145 21.3 24.8 37.2#





#71
Naphthalene
Concen: 0.250 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.010 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

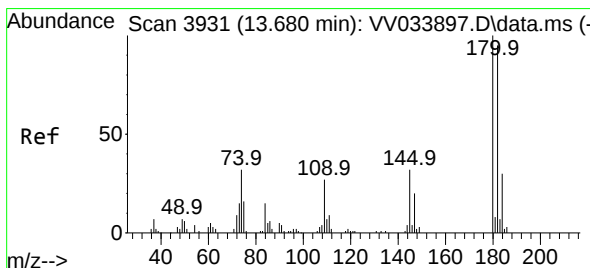
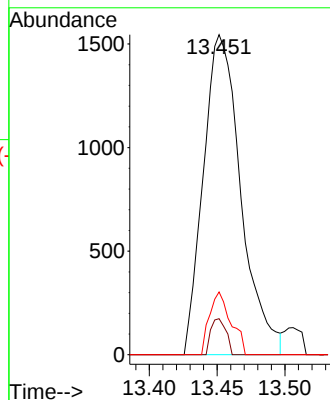
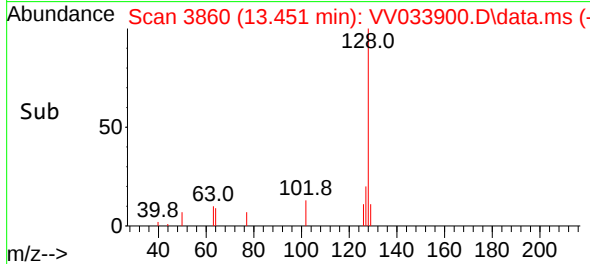
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2023-07



Tgt Ion:128 Resp: 2970
Ion Ratio Lower Upper
128 100
129 4.5 8.5 12.7
127 11.2 10.4 15.6

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Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#72
1,2,3-Trichlorobenzene
Concen: 0.242 ug/L
RT: 13.686 min Scan# 3933
Delta R.T. 0.006 min
Lab File: VV033900.D
Acq: 29 Jan 2024 12:37

Tgt Ion:180 Resp: 1762
Ion Ratio Lower Upper
180 100
182 91.9 75.0 112.6
145 26.2 25.2 37.8

