

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW120524\
 Data File : VW038415.D
 Acq On : 05 Dec 2024 12:02
 Operator : SY/MD
 Sample : P4776-02
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT4-2024-08

Quant Time: Dec 06 01:41:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 06 01:27:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/06/2024
 Supervised By :Semsettin Yesilyurt 12/06/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	501795	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	504970	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	230178	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	186349	44.444	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.880%		
7) Chloroethane-d5	1.526	69	156309	44.246	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.500%		
11) 1,1-Dichloroethene-d2	2.050	65	83310	46.867	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.740%		
21) 2-Butanone-d5	3.783	46	228660	114.597	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	114.600%		
24) Chloroform-d	4.236	84	358545	47.000	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.000%		
26) 1,2-Dichloroethane-d4	4.931	65	219615	48.764	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.520%		
32) Benzene-d6	4.947	84	691915	47.557	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.120%		
36) 1,2-Dichloropropane-d6	5.979	67	227082	50.195	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.380%		
41) Toluene-d8	7.236	98	592658	45.039	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.080%		
43) trans-1,3-Dichloroprop...	7.548	79	98526	45.030	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.060%		
47) 2-Hexanone-d5	8.017	63	146372	105.947	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.950%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	318051	50.268	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.540%		
66) 1,2-Dichlorobenzene-d4	11.554	152	228884	51.431	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	11761	2.552	ug/L	97
3) Chloromethane	1.211	50	11705	2.448	ug/L	98
5) Vinyl chloride	1.278	62	13894	2.849	ug/L	83
6) Bromomethane	1.481	94	7957	2.634	ug/L	100
8) Chloroethane	1.542	64	7904	2.562	ug/L	100
9) Trichlorofluoromethane	1.706	101	16385	2.548	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	12012	3.244	ug/L	88
12) 1,1-Dichloroethene	2.059	96	11014	3.123	ug/L #	1
13) Acetone	2.114	43	17429	6.333	ug/L	100
14) Carbon disulfide	2.233	76	29905	2.577	ug/L	95
15) Methyl Acetate	2.381	43	9448	2.653	ug/L	98
16) Methylene chloride	2.442	84	11837	2.782	ug/L	88
17) trans-1,2-Dichloroethene	2.690	96	9570	2.489	ug/L	91
18) Methyl tert-butyl Ether	2.696	73	23138	2.083	ug/L	95
19) 1,1-Dichloroethane	3.104	63	17089	2.423	ug/L	97
20) cis-1,2-Dichloroethene	3.802	96	10210	2.525	ug/L	93
22) 2-Butanone	3.924	43	15832m	6.054	ug/L	
23) Bromochloromethane	4.156	128	5550m	2.525	ug/L	
27) 1,2-Dichloroethane	5.050	62	13432m	2.501	ug/L	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120524\
 Data File : VV038415.D
 Acq On : 05 Dec 2024 12:02
 Operator : SY/MD
 Sample : P4776-02
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT4-2024-08

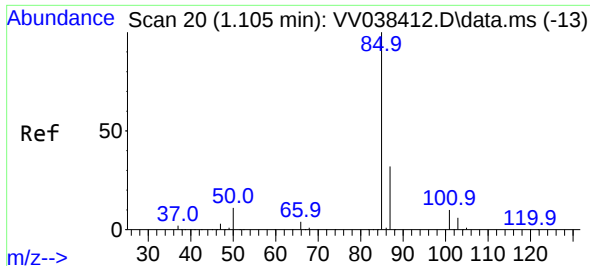
Quant Time: Dec 06 01:41:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 06 01:27:20 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/06/2024
 Supervised By :Semsettin Yesilyurt 12/06/2024

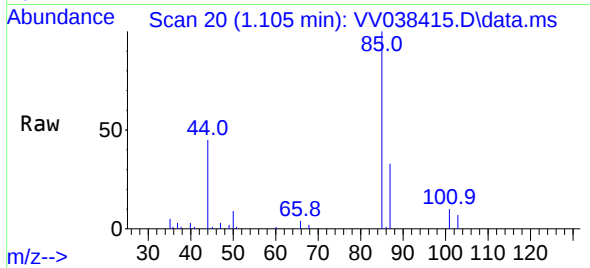
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.567	56	12047	2.221	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	15065	2.361	ug/L	96
31) Carbon tetrachloride	4.722	117	13905	2.480	ug/L	98
33) Benzene	5.008	78	38706m	2.539	ug/L	
34) Trichloroethene	5.841	95	10349	2.541	ug/L	93
35) Methylcyclohexane	6.040	83	12790	2.187	ug/L	97
37) 1,2-Dichloropropane	6.098	63	10312m	2.602	ug/L	
38) Bromodichloromethane	6.439	83	13316	2.421	ug/L	99
39) cis-1,3-Dichloropropene	6.963	75	15455m	2.513	ug/L	
40) 4-Methyl-2-pentanone	7.165	43	17785	4.010	ug/L #	92
42) Toluene	7.320	91	37365	2.360	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	14552m	2.449	ug/L	
45) 1,1,2-Trichloroethane	7.770	97	10855	2.640	ug/L	95
46) Tetrachloroethene	7.902	164	8083	2.571	ug/L	96
48) 2-Hexanone	8.082	43	34044m	9.199	ug/L	
49) Dibromochloromethane	8.172	129	10834	2.554	ug/L	94
50) 1,2-Dibromoethane	8.284	107	10626	2.452	ug/L	100
51) Chlorobenzene	8.812	112	28184	2.590	ug/L	96
52) Ethylbenzene	8.947	91	33456	1.970	ug/L	99
53) m,p-Xylene	9.075	106	12960	2.013	ug/L	82
54) o-Xylene	9.477	106	11318	1.828	ug/L	95
55) Styrene	9.503	104	18713	1.721	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.168	83	18442	2.887	ug/L #	96
59) Bromoform	9.667	173	6515	2.633	ug/L	99
60) Isopropylbenzene	9.863	105	29622	2.105	ug/L	95
61) 1,2,3-Trichloropropane	10.204	75	12722	3.175	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	22083	1.955	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	21103	1.901	ug/L	94
64) 1,3-Dichlorobenzene	11.120	146	17857	2.472	ug/L	94
65) 1,4-Dichlorobenzene	11.204	146	20350	2.650	ug/L	96
67) 1,2-Dichlorobenzene	11.574	146	20003	2.716	ug/L #	91
68) 1,2-Dibromo-3-chloropr...	12.365	75	3259	3.086	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	12722	2.582	ug/L	97
70) 1,2,4-trichlorobenzene	13.204	180	9782	2.356	ug/L	96
71) Naphthalene	13.445	128	29029	2.579	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	10994	2.699	ug/L	98

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



#2
Dichlorodifluoromethane
Concen: 2.552 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

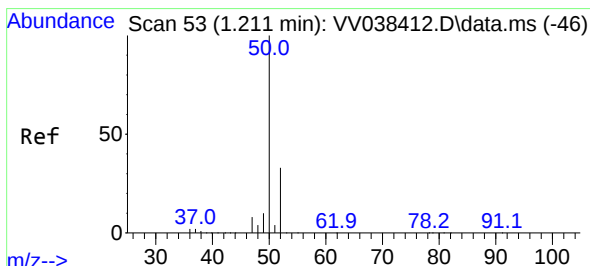
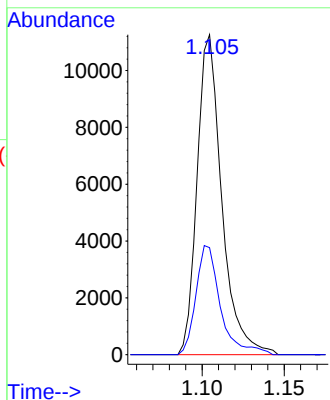
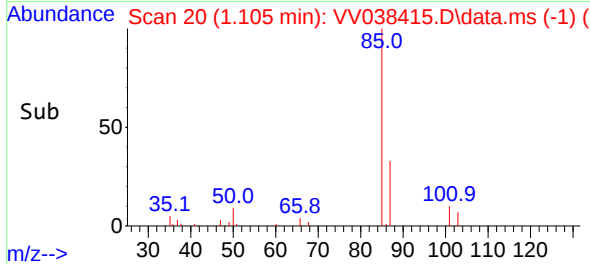
Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2024-08



Tgt Ion: 85 Resp: 1176
Ion Ratio Lower Upper
85 100
87 34.0 25.8 38.6

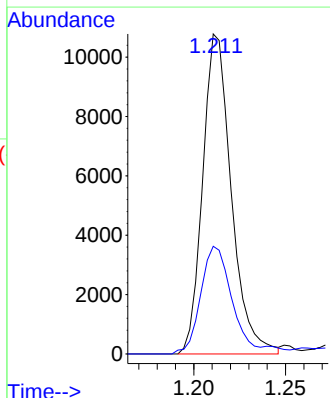
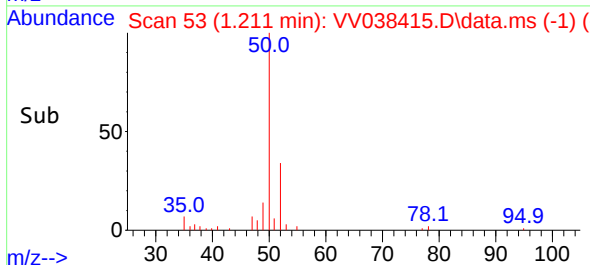
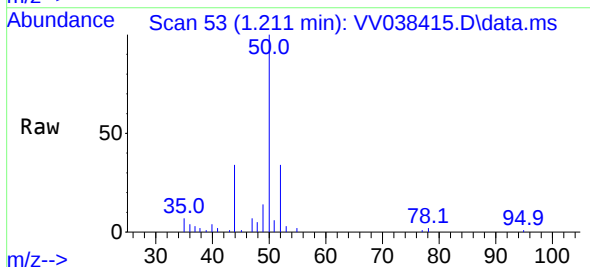
Manual Integrations
APPROVED

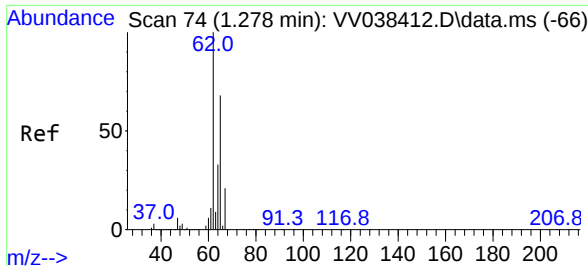
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024



#3
Chloromethane
Concen: 2.448 ug/L
RT: 1.211 min Scan# 53
Delta R.T. -0.000 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

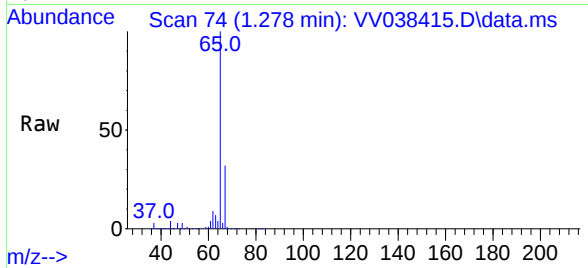
Tgt Ion: 50 Resp: 11705
Ion Ratio Lower Upper
50 100
52 33.7 22.7 42.3





#5
Vinyl chloride
Concen: 2.849 ug/L
RT: 1.278 min Scan# 74
Delta R.T. -0.000 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

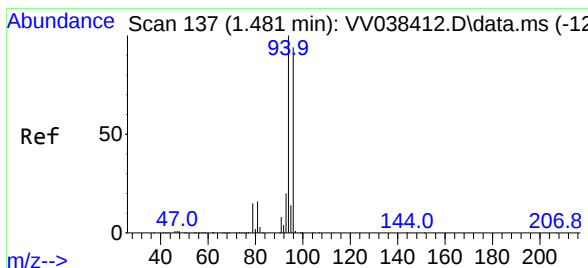
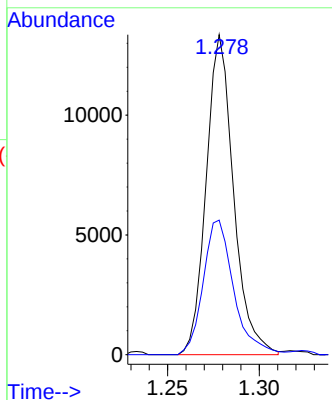
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2024-08



Tgt Ion: 62 Resp: 13894
Ion Ratio Lower Upper
62 100
64 42.1 22.8 42.4

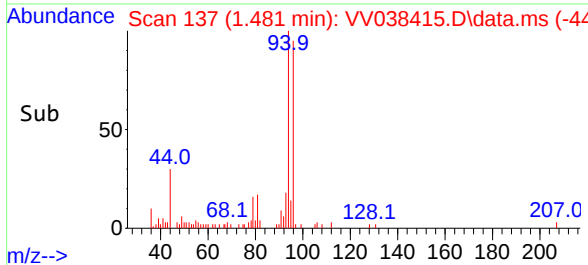
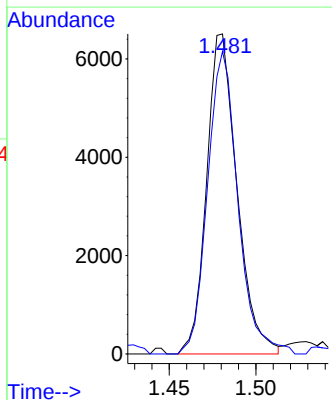
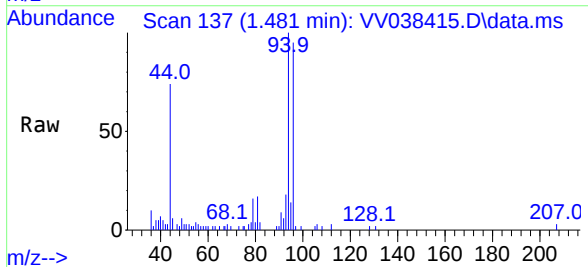
Manual Integrations
APPROVED

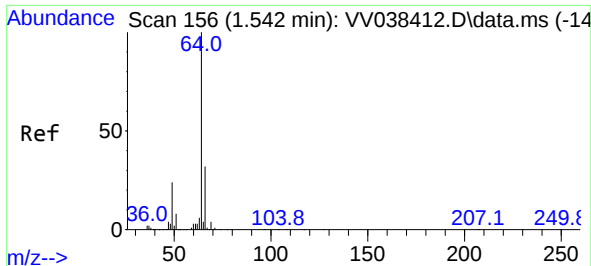
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024



#6
Bromomethane
Concen: 2.634 ug/L
RT: 1.481 min Scan# 137
Delta R.T. -0.000 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

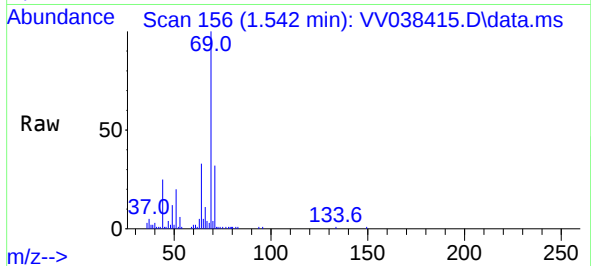
Tgt Ion: 94 Resp: 7957
Ion Ratio Lower Upper
94 100
96 94.5 66.1 122.8





#8
Chloroethane
Concen: 2.562 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

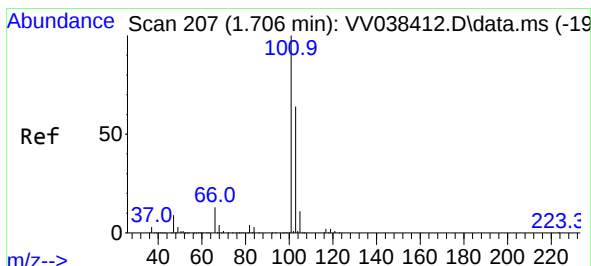
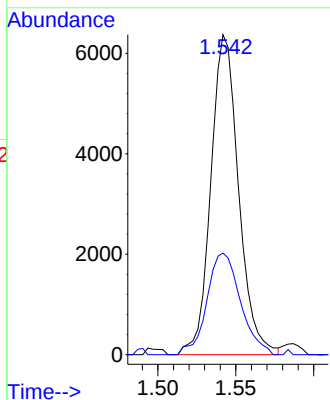
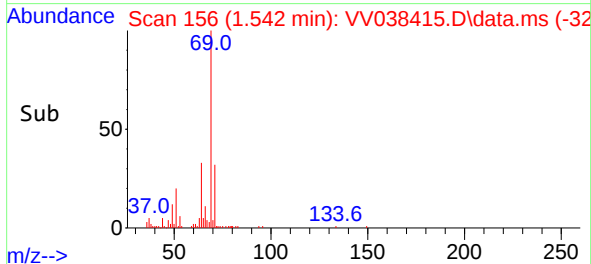
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT4-2024-08



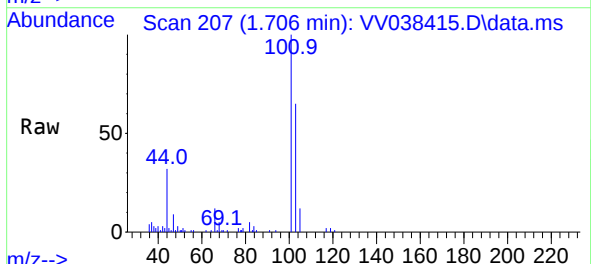
Tgt Ion: 64 Resp: 7904
Ion Ratio Lower Upper
64 100
66 31.8 22.3 41.5

Manual Integrations
APPROVED

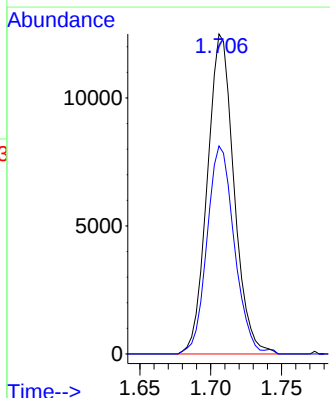
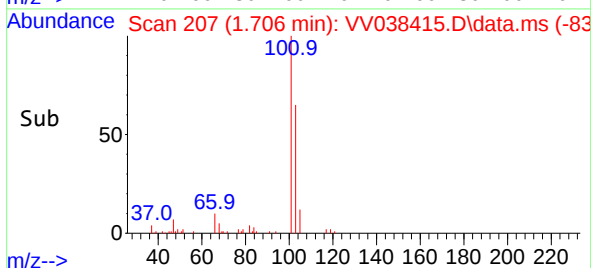
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024

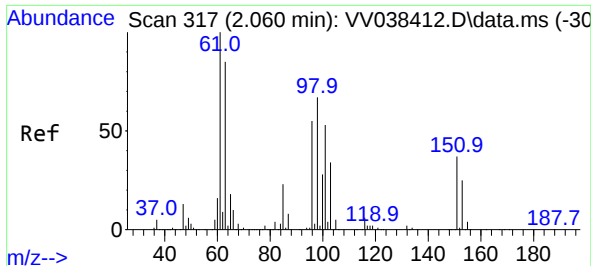


#9
Trichlorofluoromethane
Concen: 2.548 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.000 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02



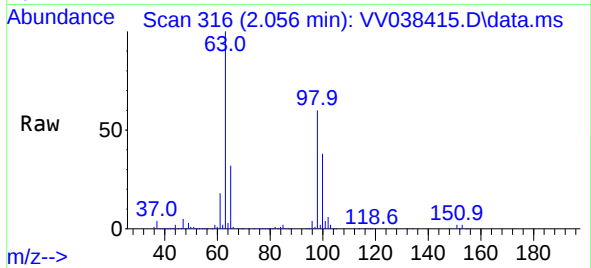
Tgt Ion:101 Resp: 16385
Ion Ratio Lower Upper
101 100
103 66.3 51.7 77.5





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.244 ug/L
RT: 2.056 min Scan# 317
Delta R.T. -0.003 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

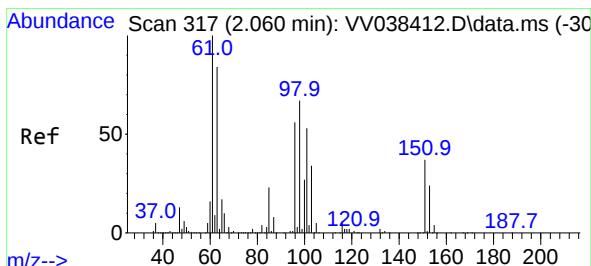
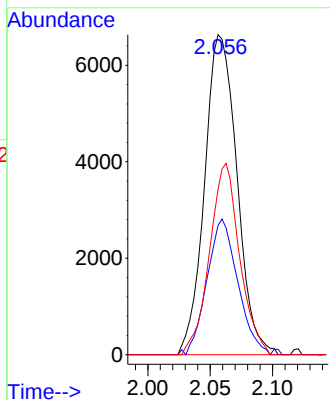
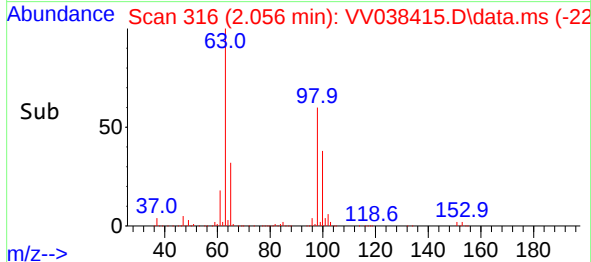
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2024-08



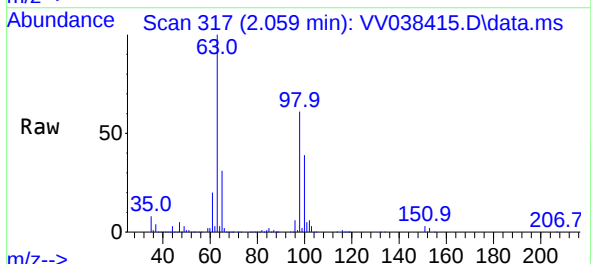
Tgt Ion:101 Resp: 1201
Ion Ratio Lower Upper
101 100
85 40.1 34.7 52.1
151 55.4 55.3 82.9

Manual Integrations
APPROVED

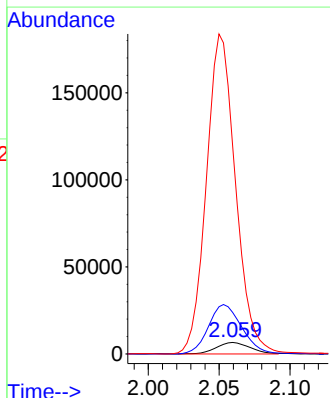
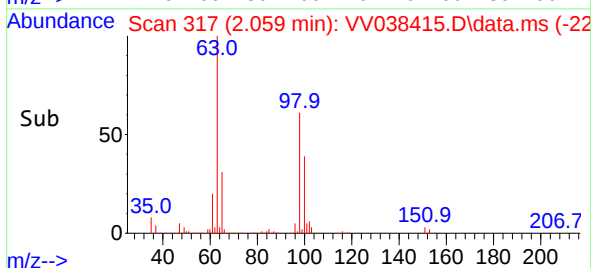
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024

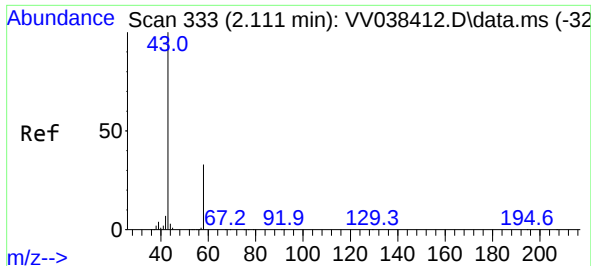


#12
1,1-Dichloroethene
Concen: 3.123 ug/L
RT: 2.059 min Scan# 317
Delta R.T. -0.000 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02



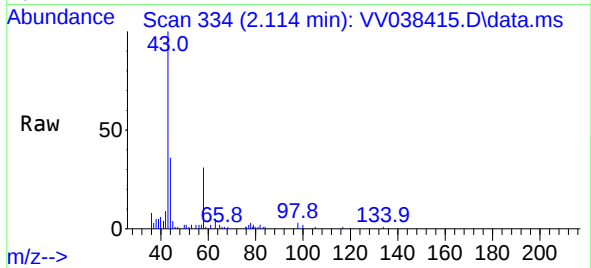
Tgt Ion: 96 Resp: 11014
Ion Ratio Lower Upper
96 100
61 359.4 120.9 224.5#
63 1803.0 110.9 205.9#





#13
Acetone
Concen: 6.333 ug/L
RT: 2.114 min Scan# 311
Delta R.T. 0.003 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

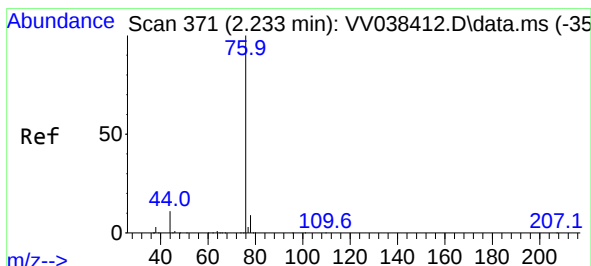
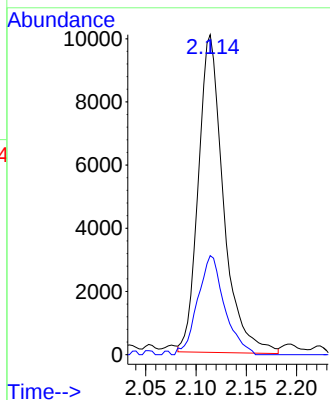
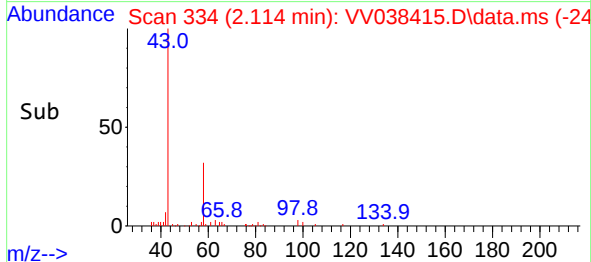
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2024-08



Tgt Ion: 43 Resp: 17429
Ion Ratio Lower Upper
43 100
58 33.3 0.0 67.2

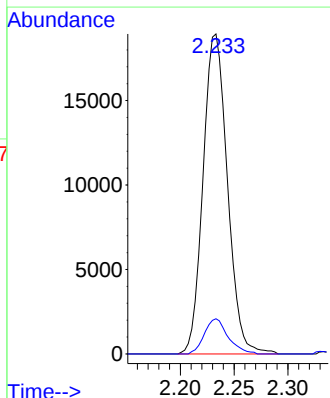
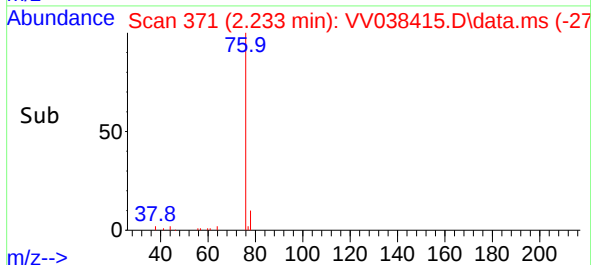
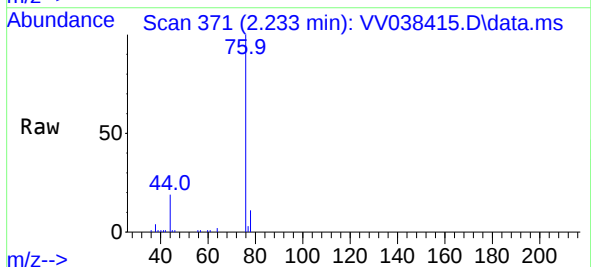
Manual Integrations
APPROVED

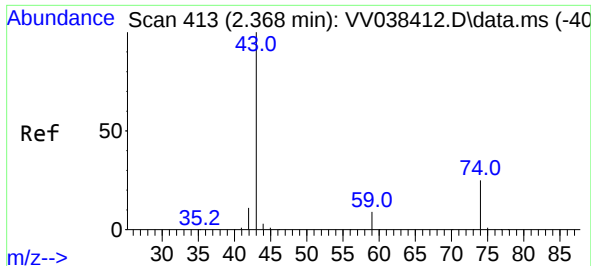
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024



#14
Carbon disulfide
Concen: 2.577 ug/L
RT: 2.233 min Scan# 371
Delta R.T. -0.000 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

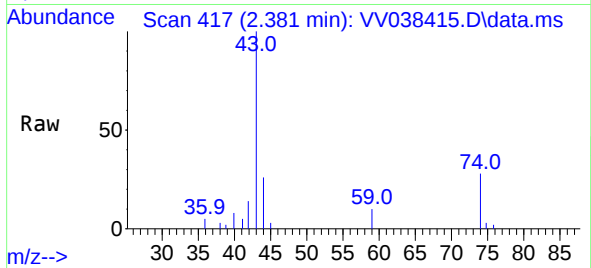
Tgt Ion: 76 Resp: 29905
Ion Ratio Lower Upper
76 100
78 11.0 7.4 11.0





#15
Methyl Acetate
Concen: 2.653 ug/L
RT: 2.381 min Scan# 413
Delta R.T. 0.013 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

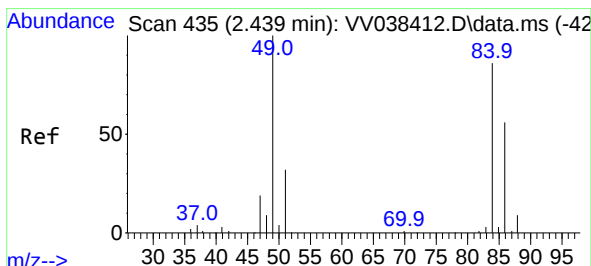
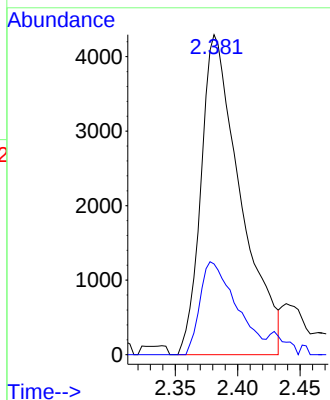
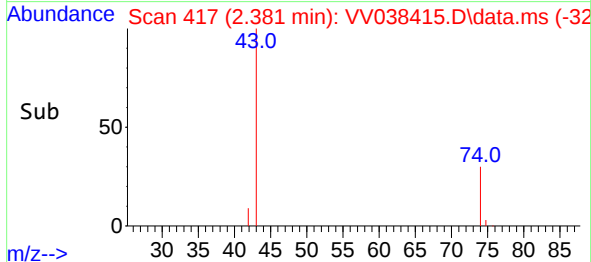
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2024-08



Tgt Ion: 43 Resp: 9448
Ion Ratio Lower Upper
43 100
74 26.9 20.6 31.0

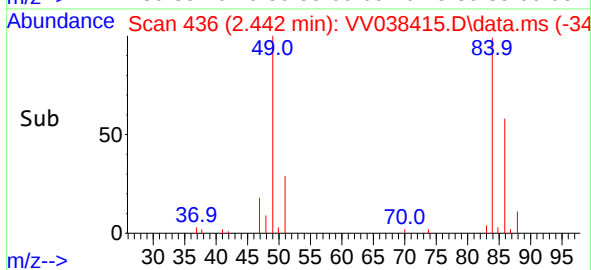
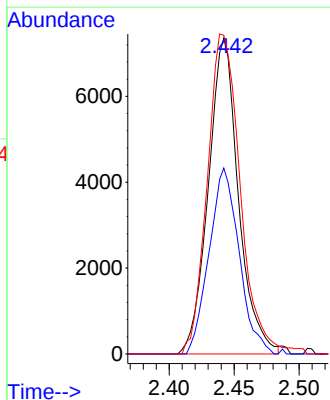
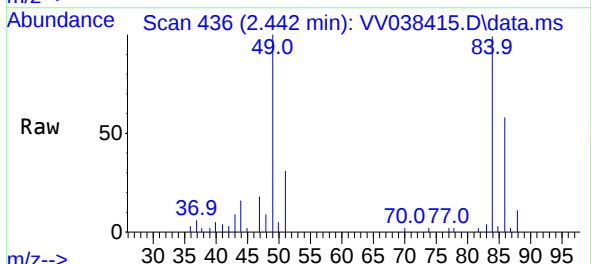
Manual Integrations
APPROVED

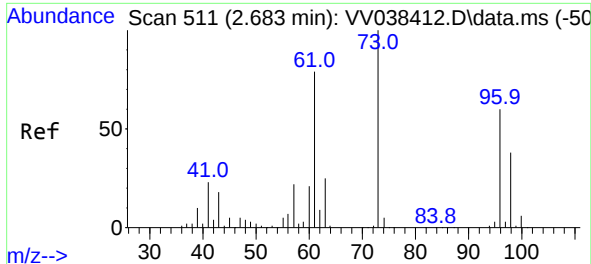
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024



#16
Methylene chloride
Concen: 2.782 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

Tgt Ion: 84 Resp: 11837
Ion Ratio Lower Upper
84 100
86 58.9 44.5 82.7
49 100.9 81.7 151.7





#17

trans-1,2-Dichloroethene

Concen: 2.489 ug/L

RT: 2.690 min Scan# 511

Delta R.T. 0.006 min

Lab File: VV038415.D

Acq: 05 Dec 2024 12:02

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2024-08

Tgt Ion: 96 Resp: 9570

Ion Ratio Lower Upper

96 100

61 127.2 95.7 177.7

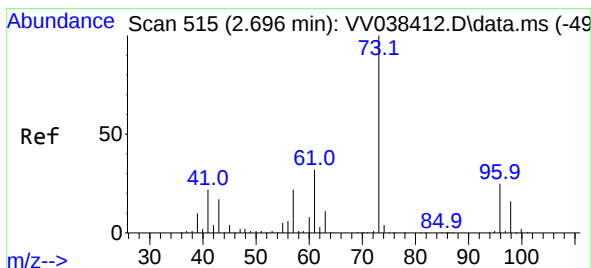
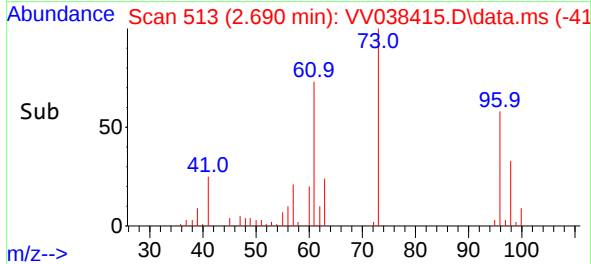
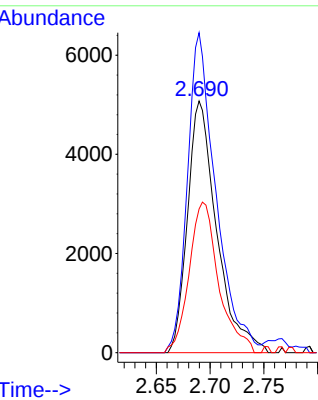
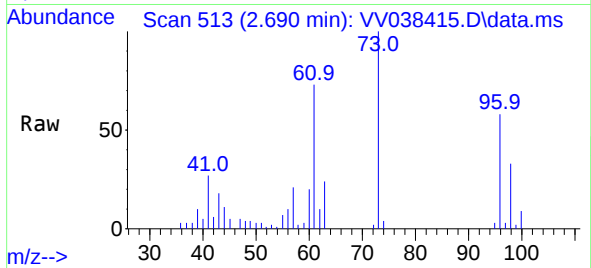
98 57.1 46.4 86.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/06/2024

Supervised By :Semsettin Yesilyurt 12/06/2024



#18

Methyl tert-butyl Ether

Concen: 2.083 ug/L

RT: 2.696 min Scan# 515

Delta R.T. -0.000 min

Lab File: VV038415.D

Acq: 05 Dec 2024 12:02

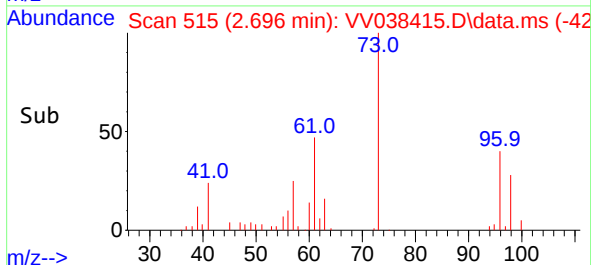
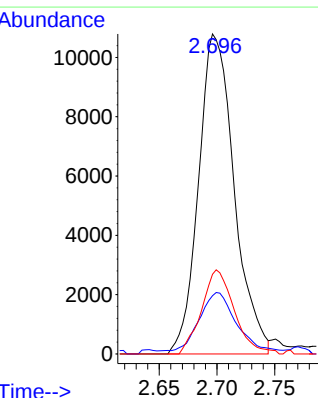
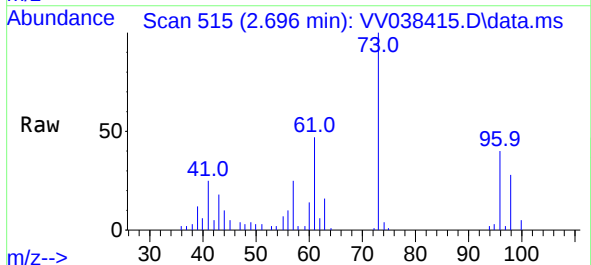
Tgt Ion: 73 Resp: 23138

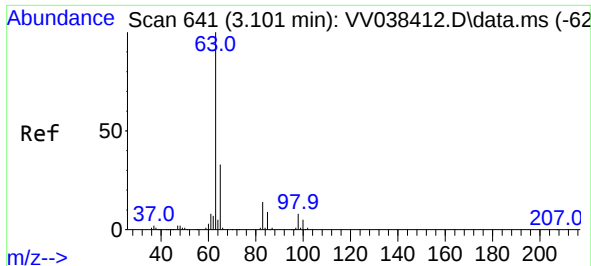
Ion Ratio Lower Upper

73 100

43 20.8 14.7 22.1

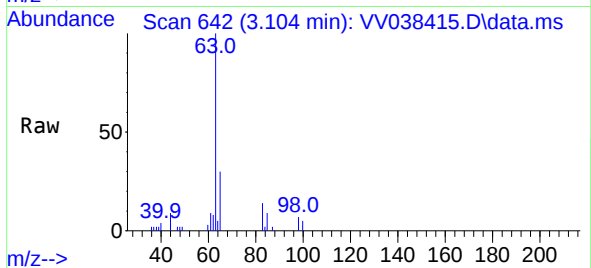
57 24.2 17.7 26.5





#19
1,1-Dichloroethane
Concen: 2.423 ug/L
RT: 3.104 min Scan# 641
Delta R.T. 0.003 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

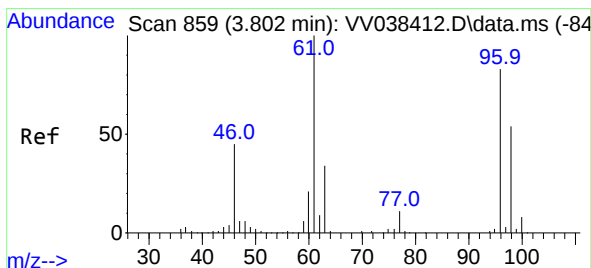
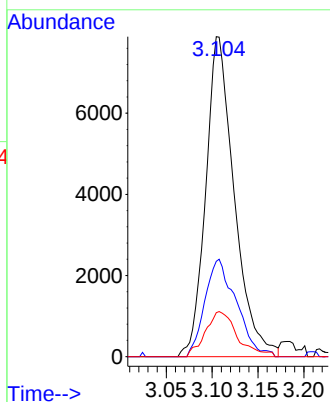
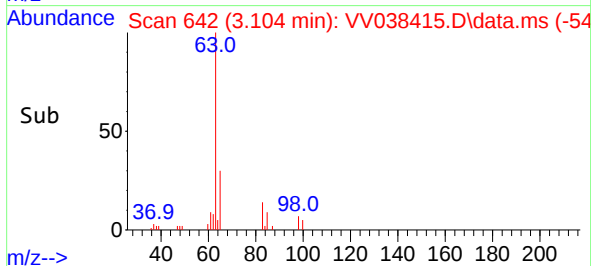
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2024-08



Tgt Ion: 63 Resp: 17089
Ion Ratio Lower Upper
63 100
65 29.8 22.6 42.0
83 13.7 9.8 18.2

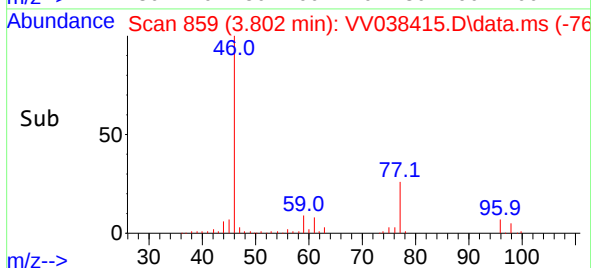
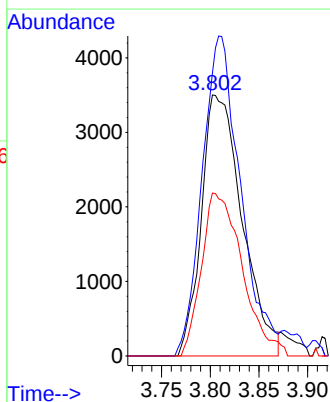
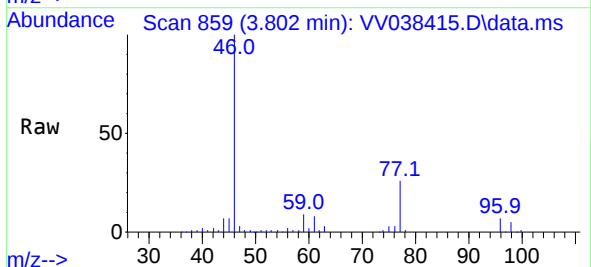
Manual Integrations
APPROVED

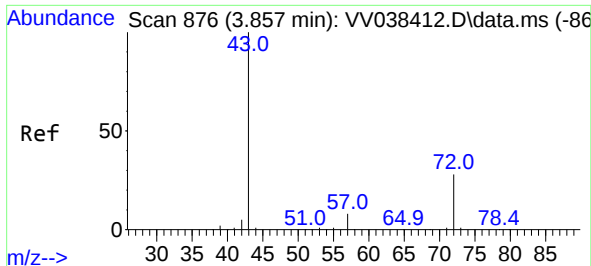
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024



#20
cis-1,2-Dichloroethene
Concen: 2.525 ug/L
RT: 3.802 min Scan# 859
Delta R.T. -0.000 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

Tgt Ion: 96 Resp: 10210
Ion Ratio Lower Upper
96 100
61 108.4 83.5 155.1
98 62.4 44.6 82.8





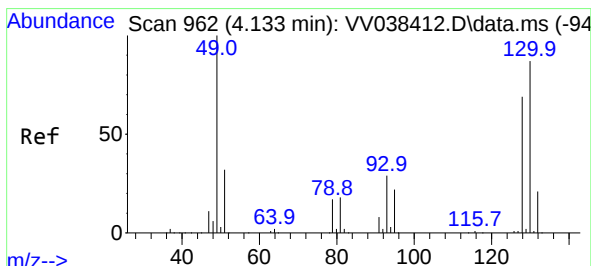
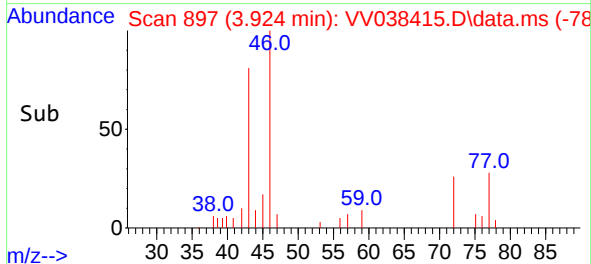
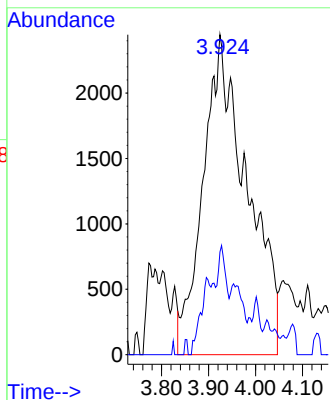
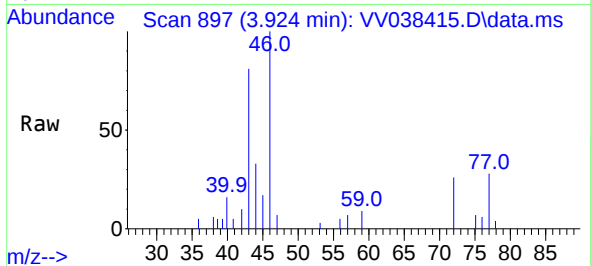
#22
2-Butanone
Concen: 6.054 ug/L m
RT: 3.924 min Scan# 897
Delta R.T. 0.067 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2024-08

Tgt Ion: 43 Resp: 1583
Ion Ratio Lower Upper
43 100
72 0.4 12.5 37.5

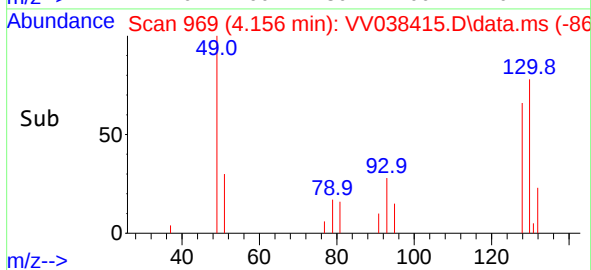
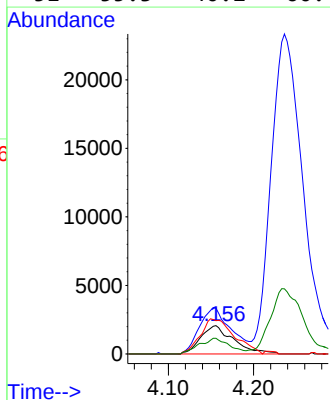
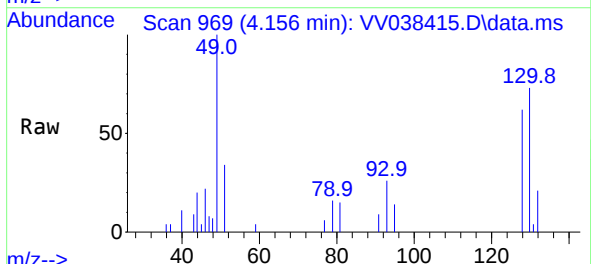
Manual Integrations
APPROVED

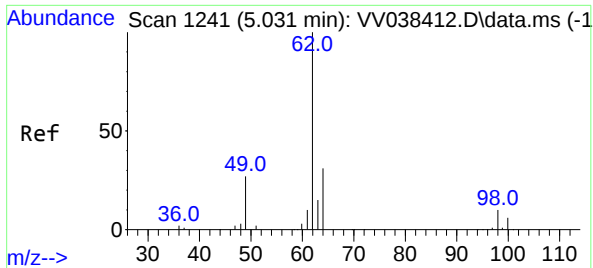
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024



#23
Bromochloromethane
Concen: 2.525 ug/L m
RT: 4.156 min Scan# 969
Delta R.T. 0.022 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

Tgt Ion:128 Resp: 5550
Ion Ratio Lower Upper
128 100
49 161.5 106.7 198.3
130 117.4 93.2 173.2
51 55.3 40.2 60.4





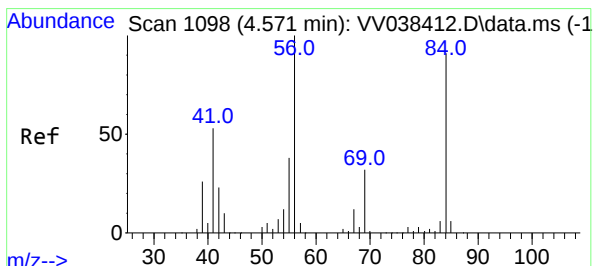
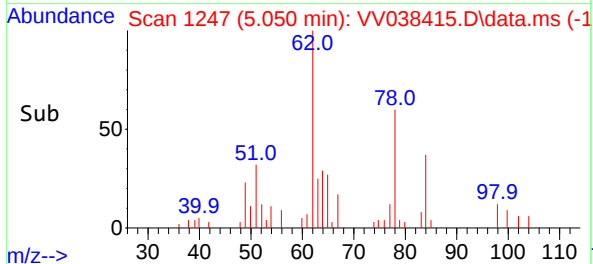
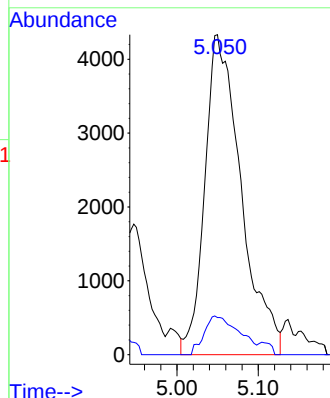
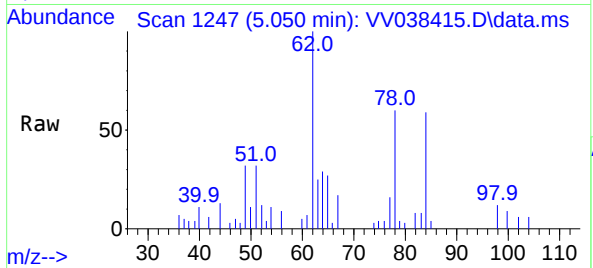
#27
1,2-Dichloroethane
Concen: 2.501 ug/L m
RT: 5.050 min Scan# 1097
Delta R.T. 0.019 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2024-08

Tgt Ion: 62 Resp: 1343
Ion Ratio Lower Upper
62 100
98 11.6 7.5 11.3

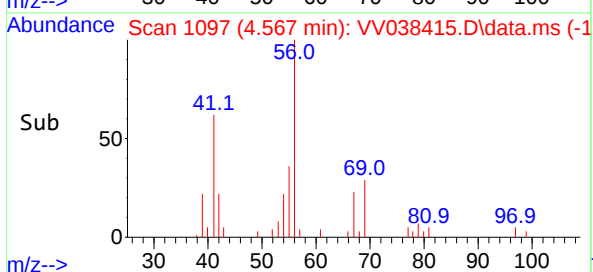
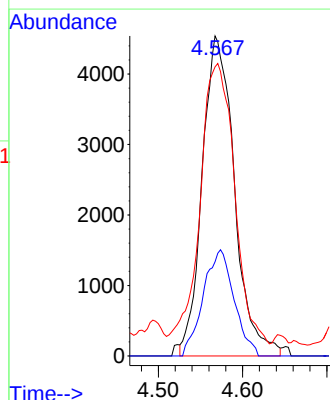
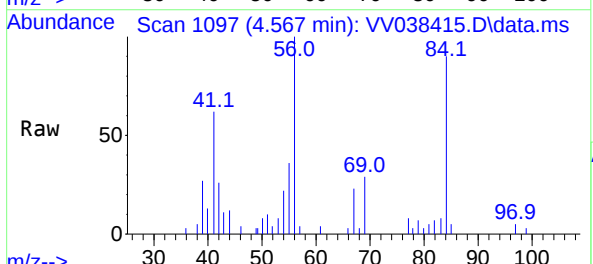
Manual Integrations
APPROVED

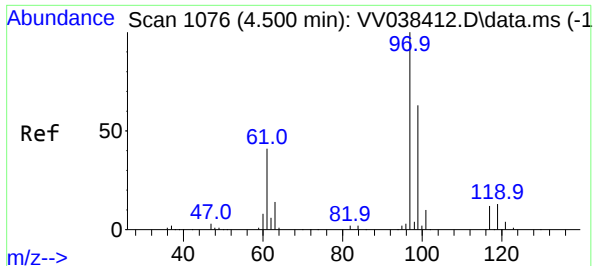
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024



#29
Cyclohexane
Concen: 2.221 ug/L
RT: 4.567 min Scan# 1097
Delta R.T. -0.003 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

Tgt Ion: 56 Resp: 12047
Ion Ratio Lower Upper
56 100
69 31.8 24.8 37.2
84 93.0 73.7 110.5





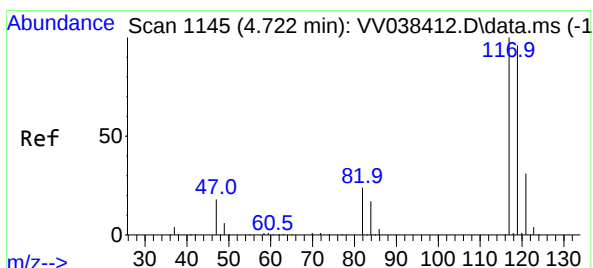
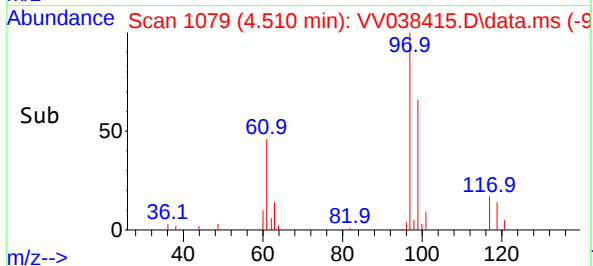
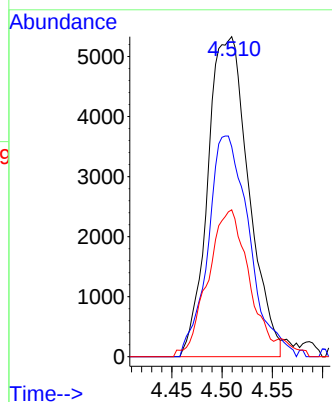
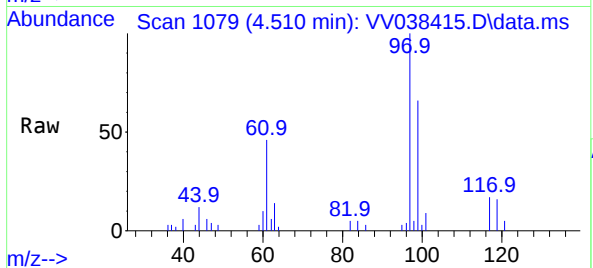
#30
1,1,1-Trichloroethane
Concen: 2.361 ug/L
RT: 4.510 min Scan# 1076
Delta R.T. 0.010 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2024-08

Tgt Ion: 97 Resp: 1506
Ion Ratio Lower Upper
97 100
99 69.4 52.3 78.5
61 43.6 33.6 50.4

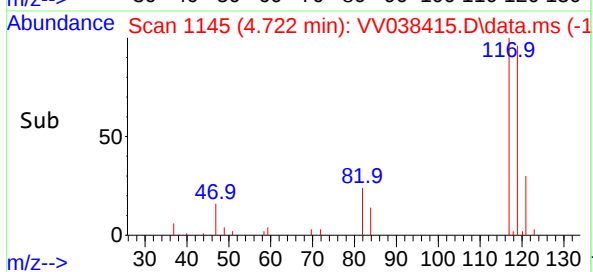
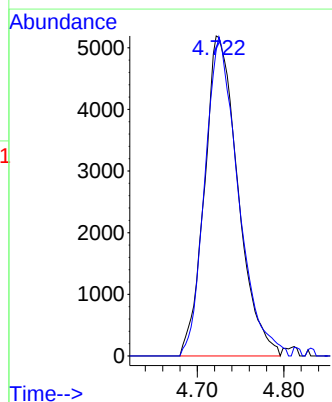
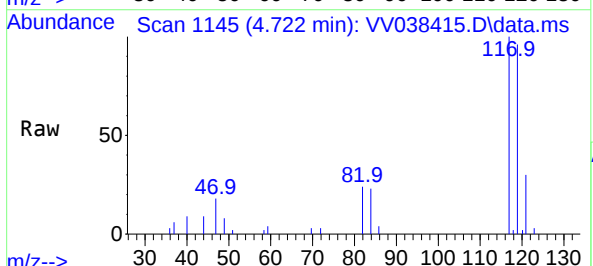
Manual Integrations
APPROVED

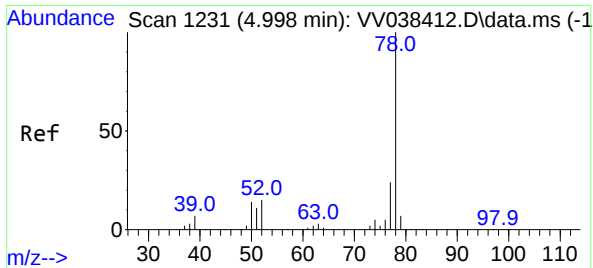
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024



#31
Carbon tetrachloride
Concen: 2.480 ug/L
RT: 4.722 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

Tgt Ion:117 Resp: 13905
Ion Ratio Lower Upper
117 100
119 99.6 77.7 116.5





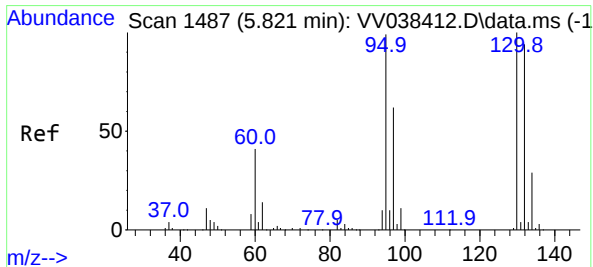
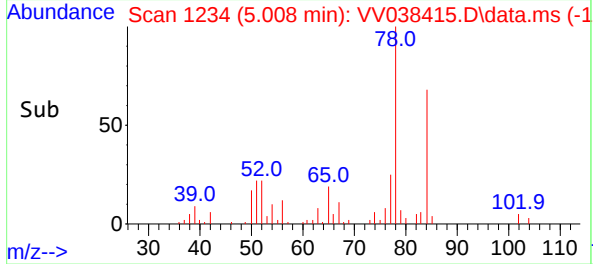
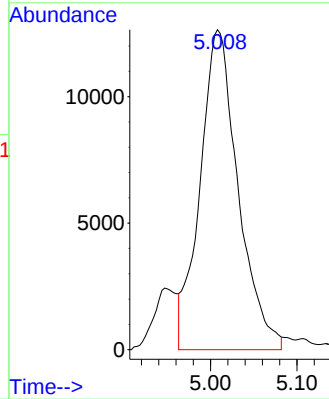
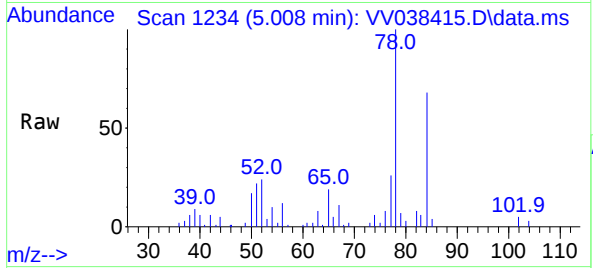
#33
Benzene
Concen: 2.539 ug/L m
RT: 5.008 min Scan# 1493
Delta R.T. 0.010 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2024-08

Tgt Ion: 78 Resp: 38700

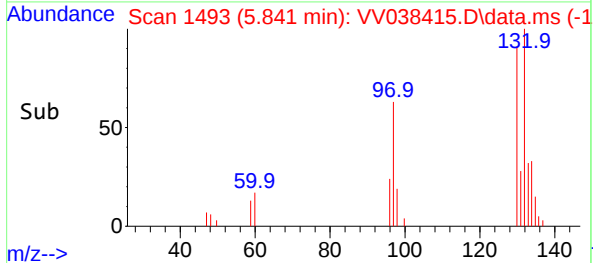
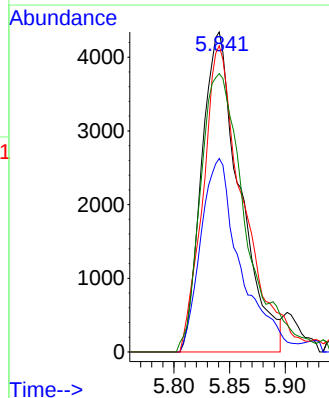
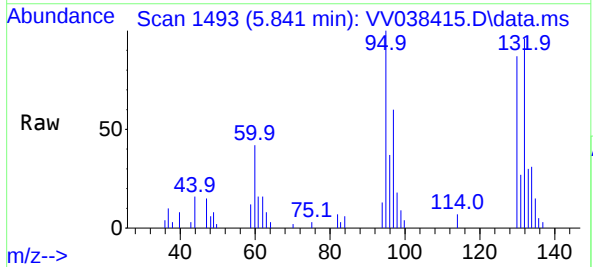
Manual Integrations
APPROVED

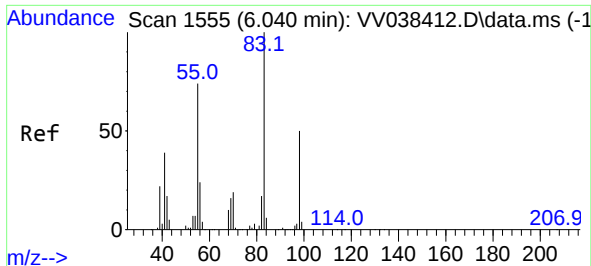
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024



#34
Trichloroethene
Concen: 2.541 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.019 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

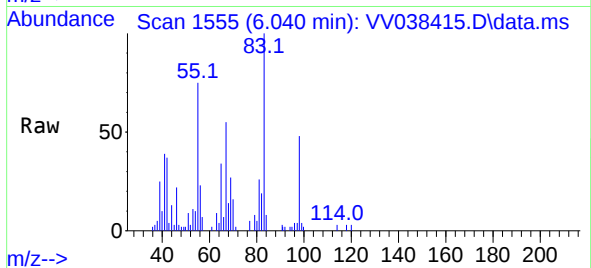
Tgt Ion: 95 Resp: 10349
Ion Ratio Lower Upper
95 100
97 60.4 45.6 84.8
132 95.7 67.6 125.6
130 87.0 70.8 131.6





#35
Methylcyclohexane
Concen: 2.187 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

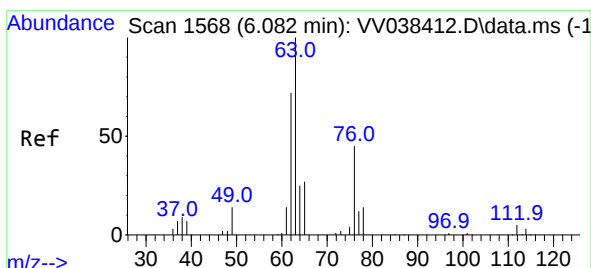
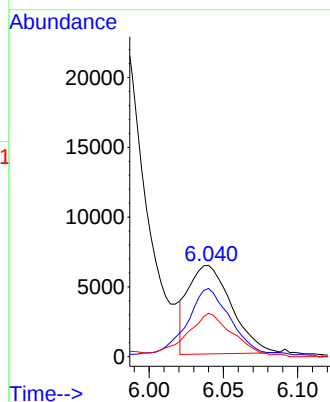
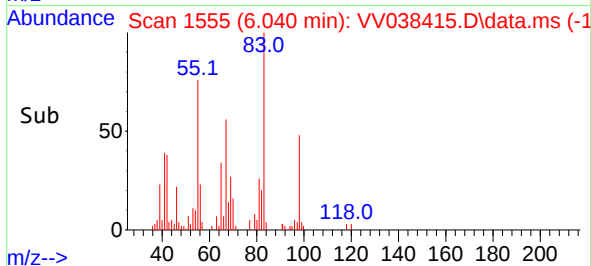
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT4-2024-08



Tgt Ion: 83 Resp: 12790
Ion Ratio Lower Upper
83 100
55 75.2 59.0 88.6
98 53.0 39.5 59.3

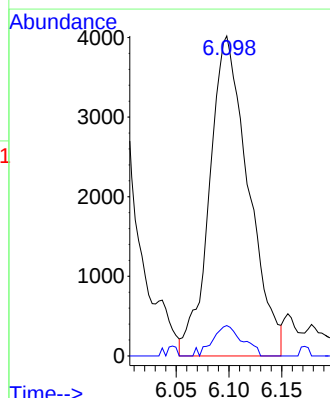
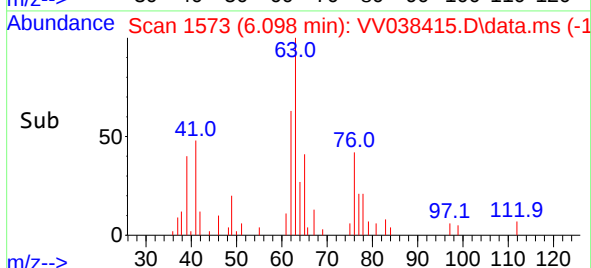
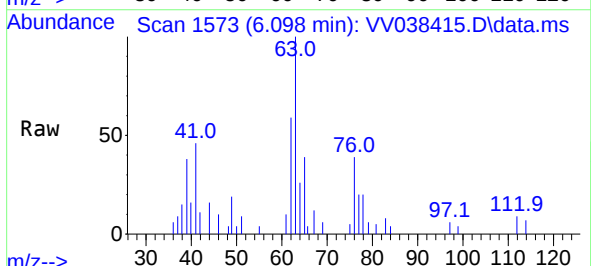
Manual Integrations
APPROVED

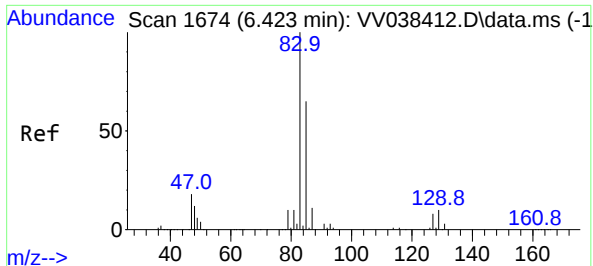
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024



#37
1,2-Dichloropropane
Concen: 2.602 ug/L m
RT: 6.098 min Scan# 1573
Delta R.T. 0.016 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

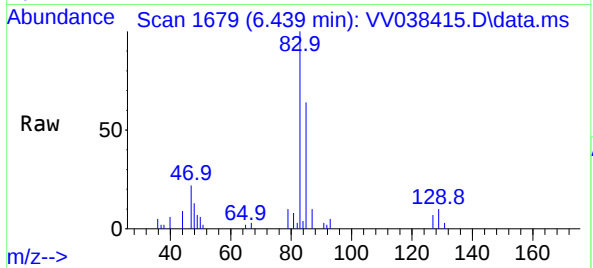
Tgt Ion: 63 Resp: 10312
Ion Ratio Lower Upper
63 100
112 3.3 3.8 5.6#





#38
Bromodichloromethane
Concen: 2.421 ug/L
RT: 6.439 min Scan# 1
Delta R.T. 0.016 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

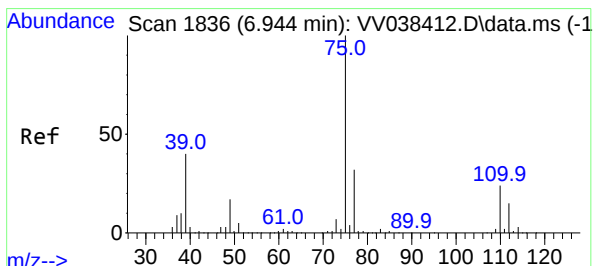
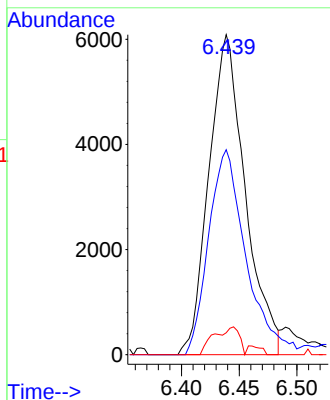
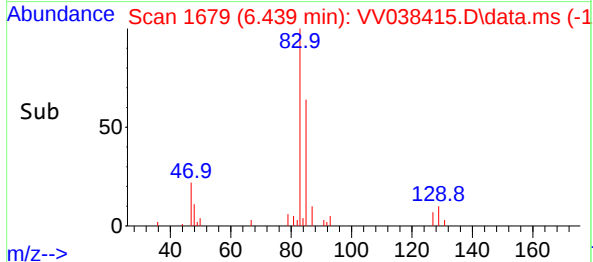
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2024-08



Tgt Ion: 83 Resp: 13310
Ion Ratio Lower Upper
83 100
85 64.1 44.9 83.5
127 6.8 6.8 10.2

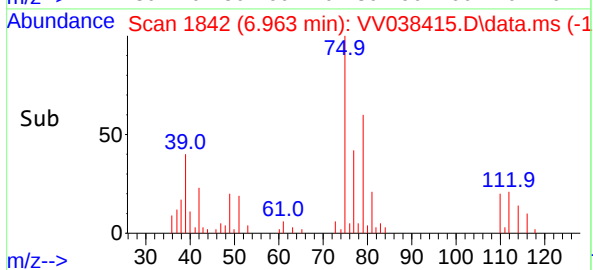
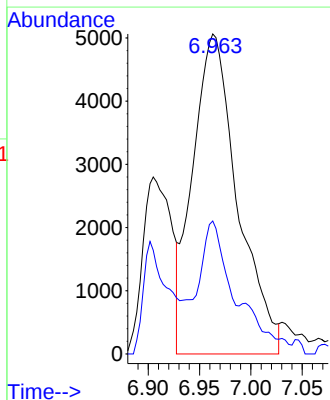
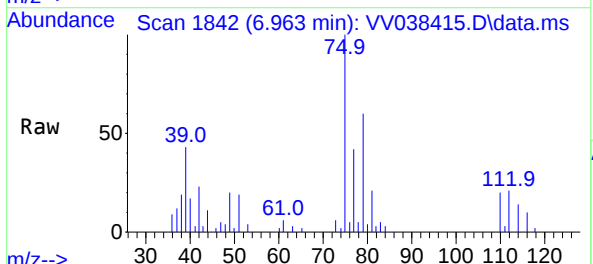
Manual Integrations
APPROVED

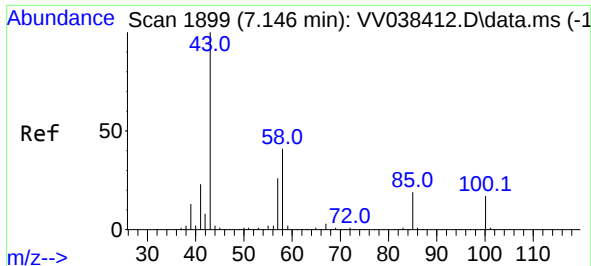
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024



#39
cis-1,3-Dichloropropene
Concen: 2.513 ug/L m
RT: 6.963 min Scan# 1842
Delta R.T. 0.019 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

Tgt Ion: 75 Resp: 15455
Ion Ratio Lower Upper
75 100
77 41.5 21.9 40.7#





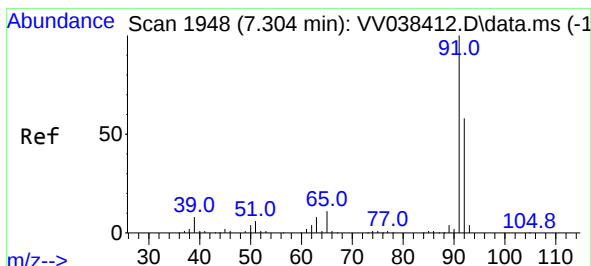
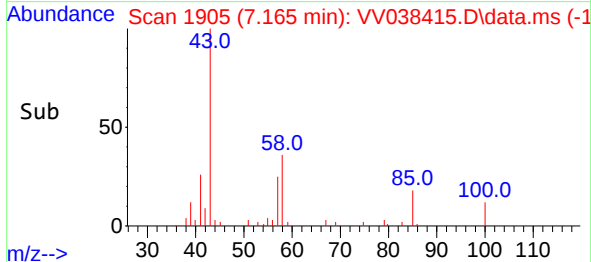
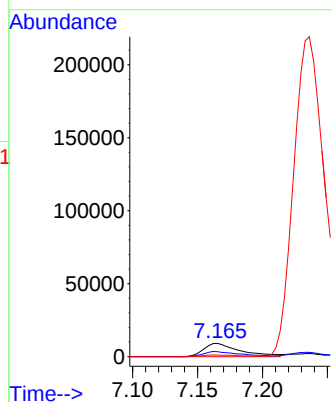
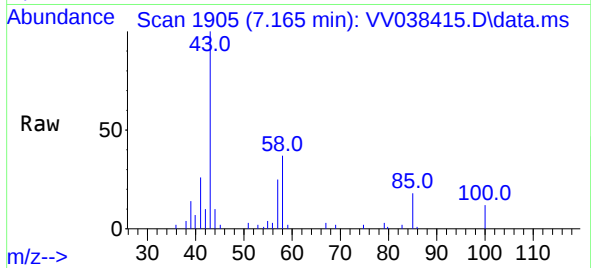
#40
4-Methyl-2-pentanone
Concen: 4.010 ug/L
RT: 7.165 min Scan# 1905
Delta R.T. 0.019 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2024-08

Tgt Ion: 43 Resp: 1778
Ion Ratio Lower Upper
43 100
58 39.0 32.7 49.1
100 8.0 13.7 20.5

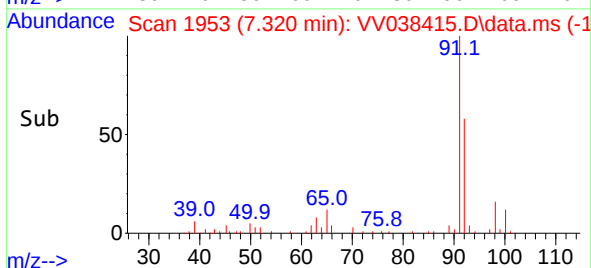
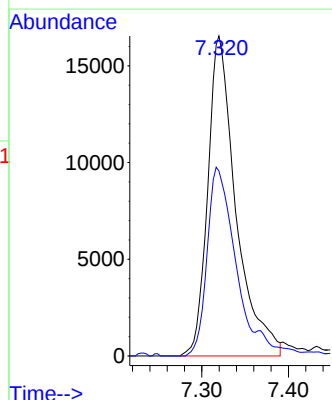
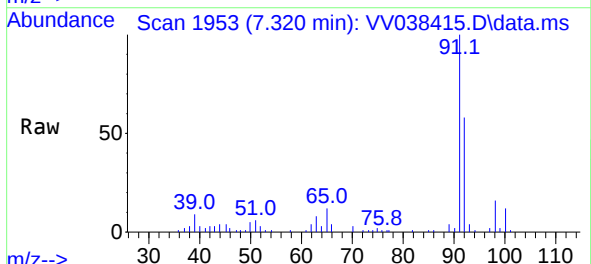
Manual Integrations
APPROVED

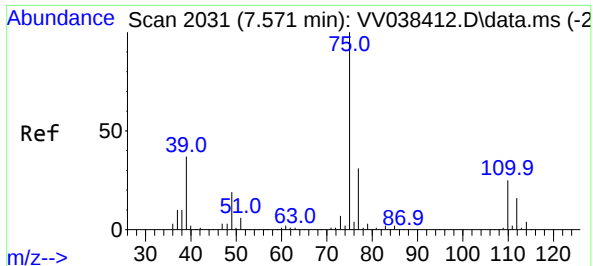
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024



#42
Toluene
Concen: 2.360 ug/L
RT: 7.320 min Scan# 1953
Delta R.T. 0.016 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

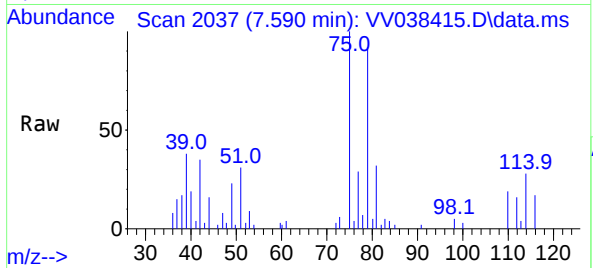
Tgt Ion: 91 Resp: 37365
Ion Ratio Lower Upper
91 100
92 57.8 41.2 76.4





#44
trans-1,3-Dichloropropene
Concen: 2.449 ug/L m
RT: 7.590 min Scan# 2037
Delta R.T. 0.019 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

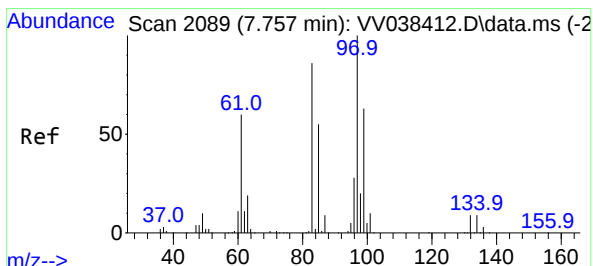
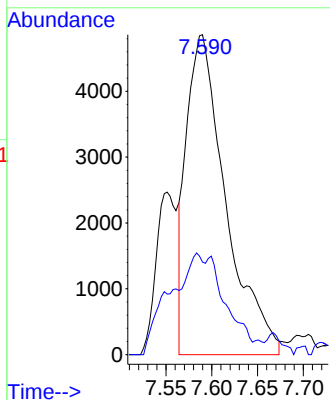
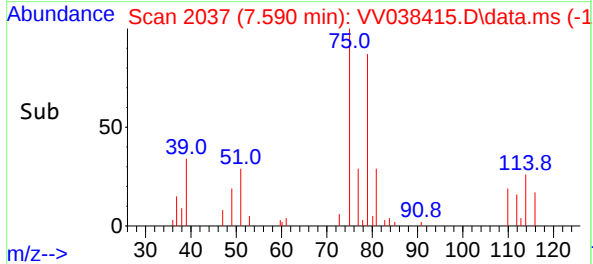
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2024-08



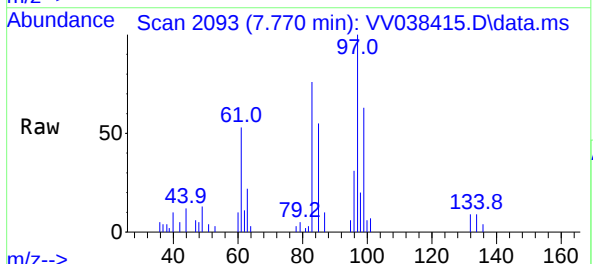
Tgt Ion: 75 Resp: 14552
Ion Ratio Lower Upper
75 100
77 28.9 22.7 42.1

Manual Integrations
APPROVED

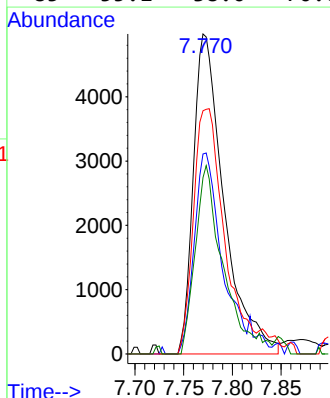
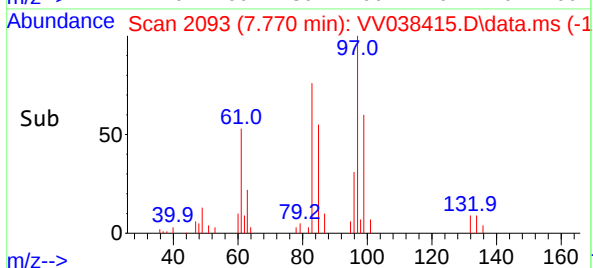
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024

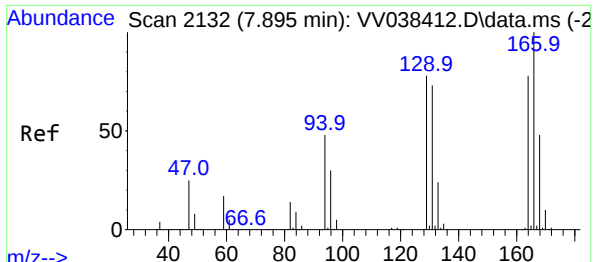


#45
1,1,2-Trichloroethane
Concen: 2.640 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. 0.013 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02



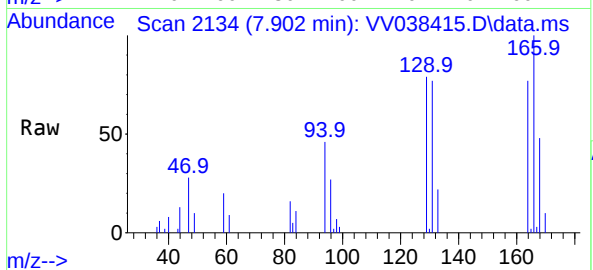
Tgt Ion: 97 Resp: 10855
Ion Ratio Lower Upper
97 100
99 62.5 43.6 81.0
83 76.0 60.5 112.5
85 55.1 38.0 70.6





#46
Tetrachloroethene
Concen: 2.571 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.006 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

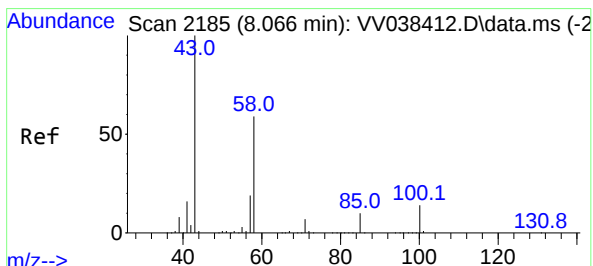
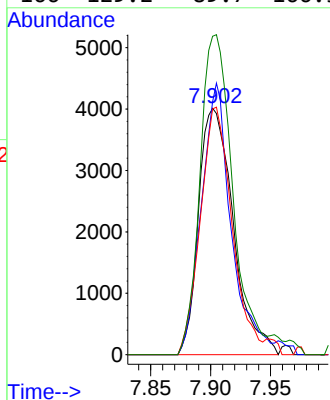
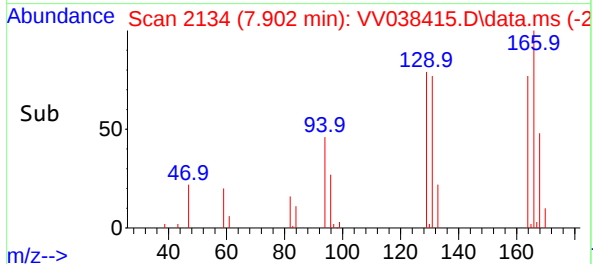
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2024-08



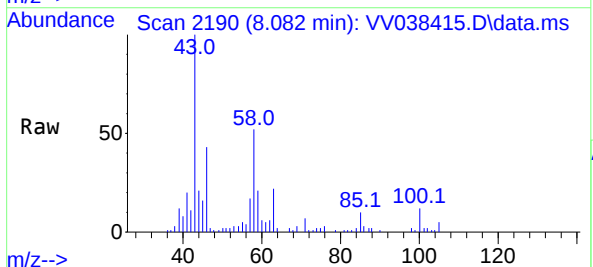
Tgt Ion:164 Resp: 808
Ion Ratio Lower Upper
164 100
129 102.6 69.2 128.4
131 99.8 63.1 117.3
166 129.2 89.7 166.5

Manual Integrations
APPROVED

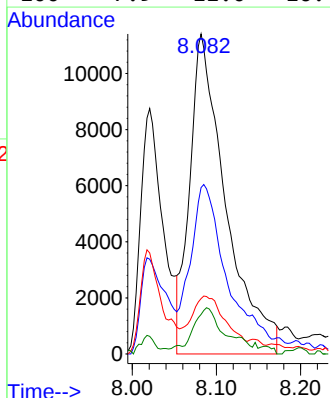
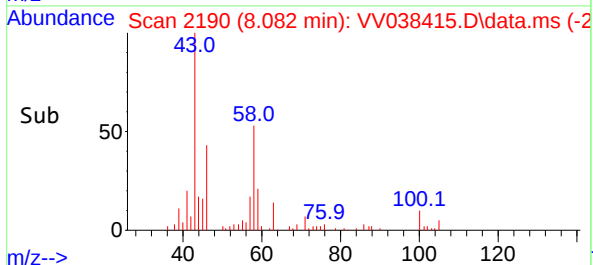
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024

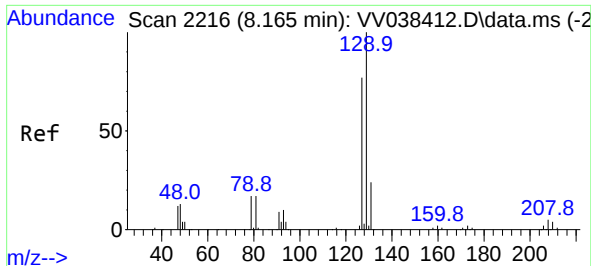


#48
2-Hexanone
Concen: 9.199 ug/L m
RT: 8.082 min Scan# 2190
Delta R.T. 0.016 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02



Tgt Ion: 43 Resp: 34044
Ion Ratio Lower Upper
43 100
58 36.3 48.0 72.0#
57 11.5 15.5 23.3#
100 7.9 11.0 16.4#





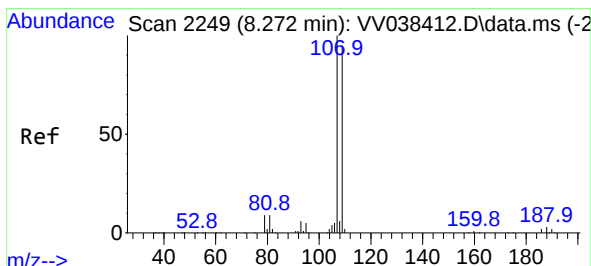
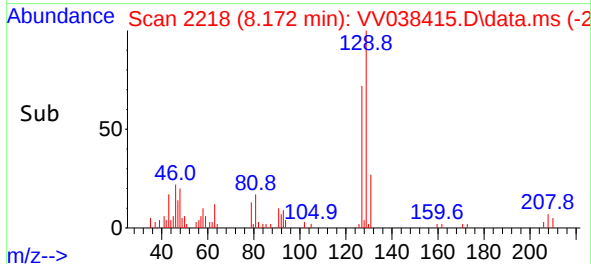
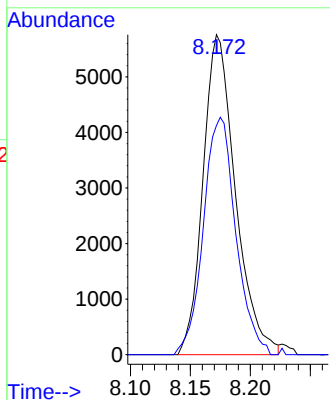
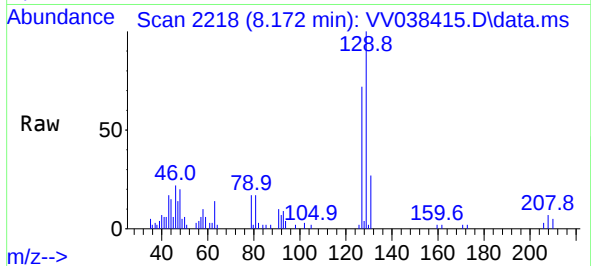
#49
Dibromochloromethane
Concen: 2.554 ug/L
RT: 8.172 min Scan# 211
Delta R.T. 0.006 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2024-08

Tgt Ion:129 Resp: 10834
Ion Ratio Lower Upper
129 100
127 71.6 53.8 100.0

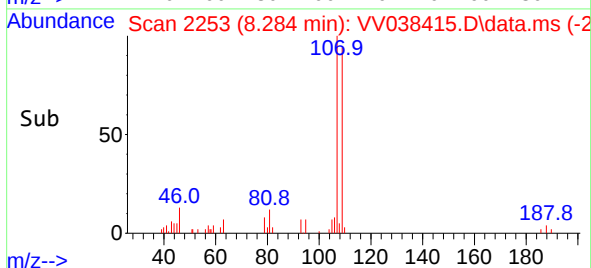
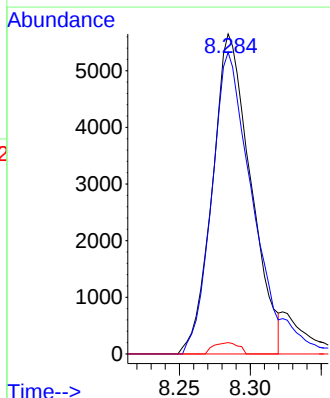
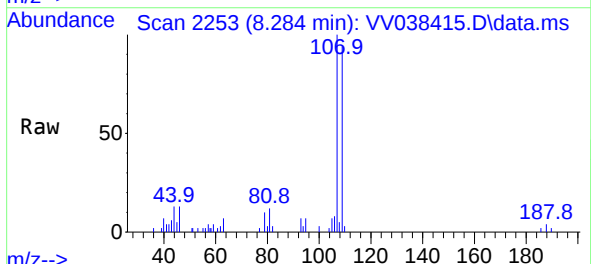
Manual Integrations
APPROVED

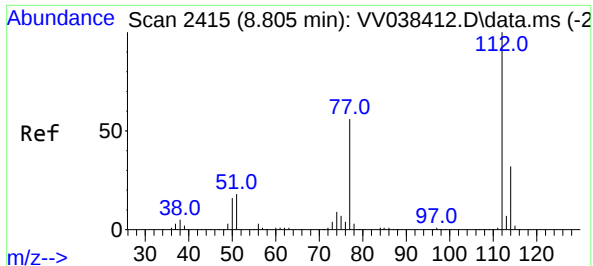
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024



#50
1,2-Dibromoethane
Concen: 2.452 ug/L
RT: 8.284 min Scan# 2253
Delta R.T. 0.013 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

Tgt Ion:107 Resp: 10626
Ion Ratio Lower Upper
107 100
109 94.3 66.1 122.7
188 3.6 2.6 3.8





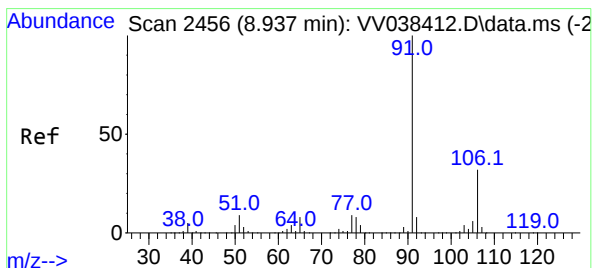
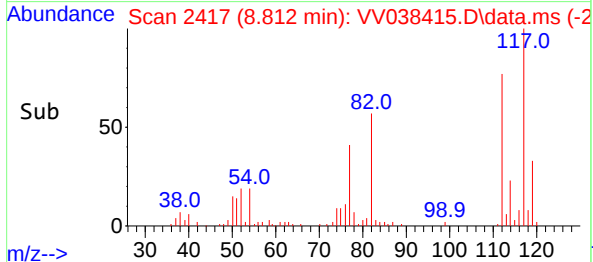
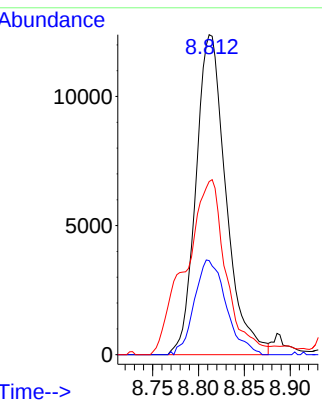
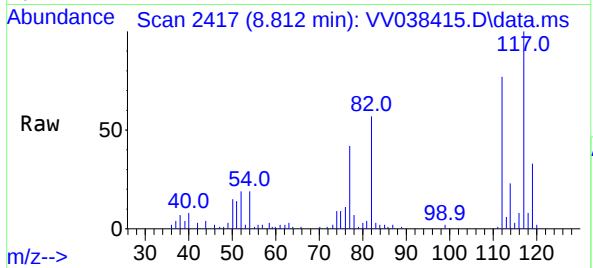
#51
Chlorobenzene
Concen: 2.590 ug/L
RT: 8.812 min Scan# 2415
Delta R.T. 0.006 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2024-08

Tgt Ion:112 Resp: 28184
Ion Ratio Lower Upper
112 100
114 29.4 21.9 40.7
77 54.1 45.4 68.0

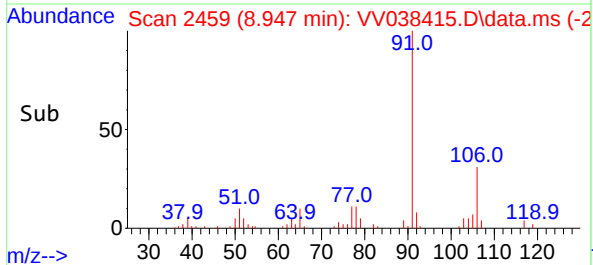
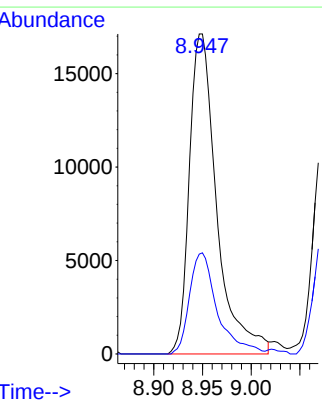
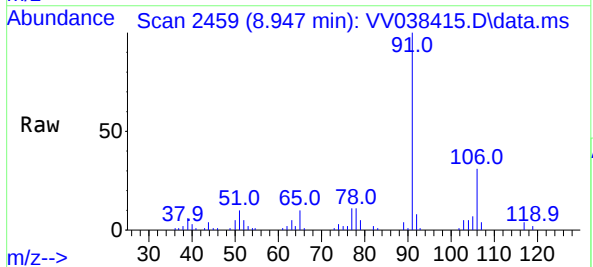
Manual Integrations
APPROVED

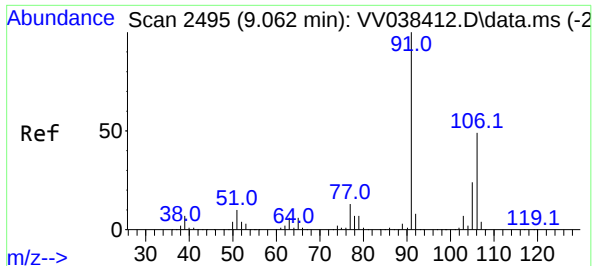
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024



#52
Ethylbenzene
Concen: 1.970 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. 0.010 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

Tgt Ion: 91 Resp: 33456
Ion Ratio Lower Upper
91 100
106 31.2 21.6 40.0





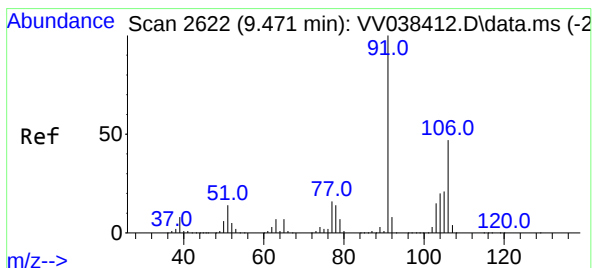
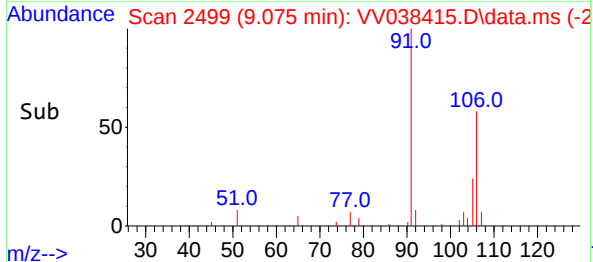
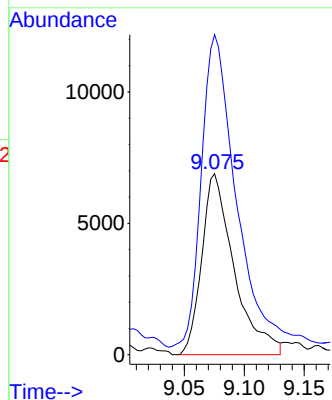
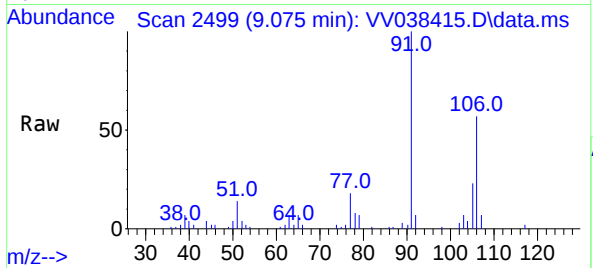
#53
m,p-Xylene
Concen: 2.013 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.013 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2024-08

Tgt Ion:106 Resp: 12960
Ion Ratio Lower Upper
106 100
91 176.9 142.6 264.8

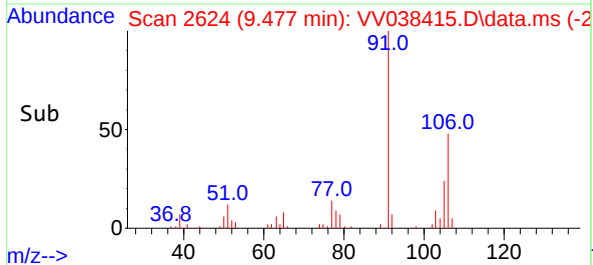
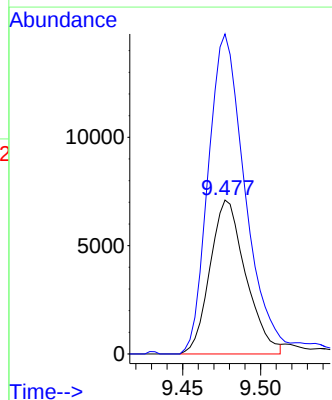
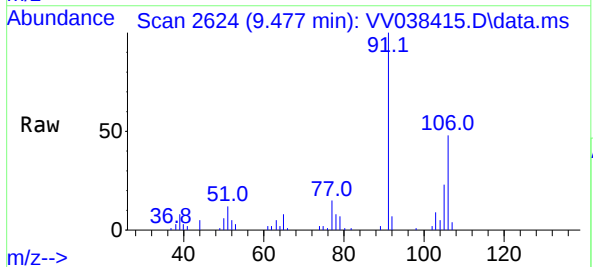
Manual Integrations
APPROVED

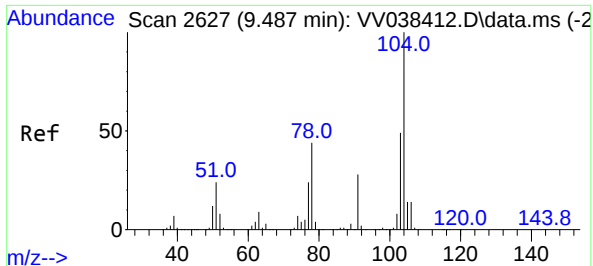
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024



#54
o-Xylene
Concen: 1.828 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.006 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

Tgt Ion:106 Resp: 11318
Ion Ratio Lower Upper
106 100
91 208.0 151.1 280.7





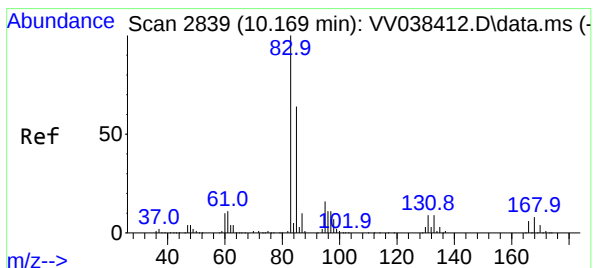
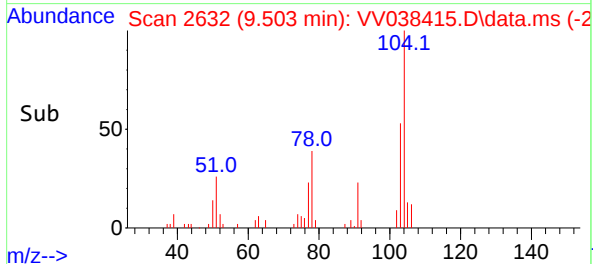
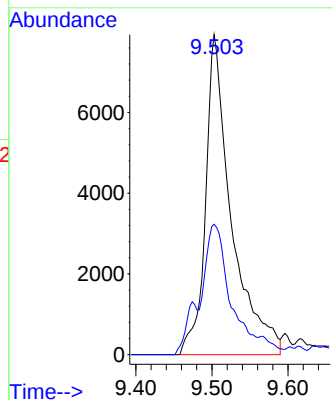
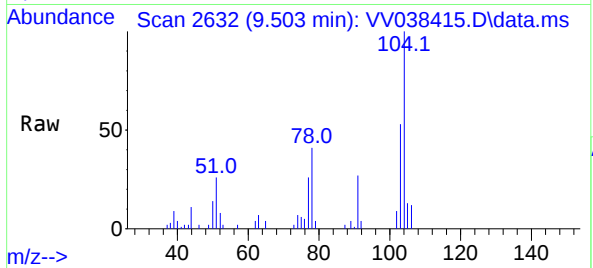
#55
Styrene
Concen: 1.721 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.016 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2024-08

Tgt Ion:104 Resp: 1871
Ion Ratio Lower Upper
104 100
78 40.7 29.7 55.1

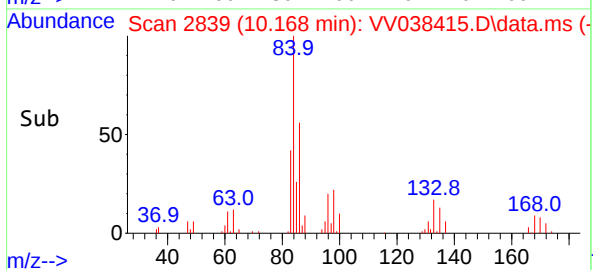
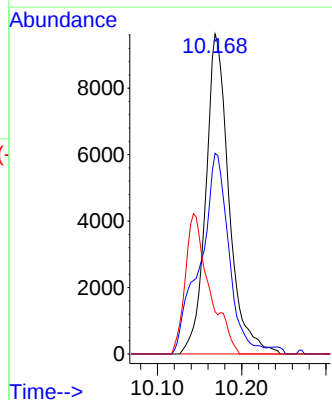
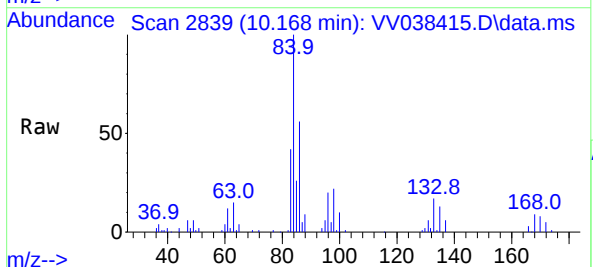
Manual Integrations
APPROVED

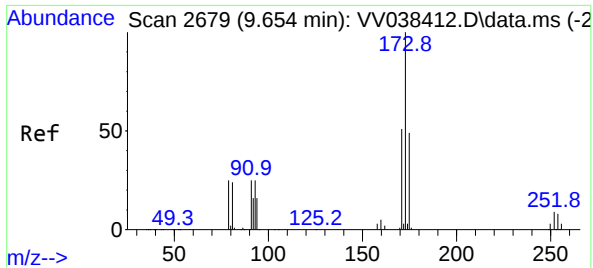
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024



#57
1,1,2,2-Tetrachloroethane
Concen: 2.887 ug/L
RT: 10.168 min Scan# 2839
Delta R.T. -0.000 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

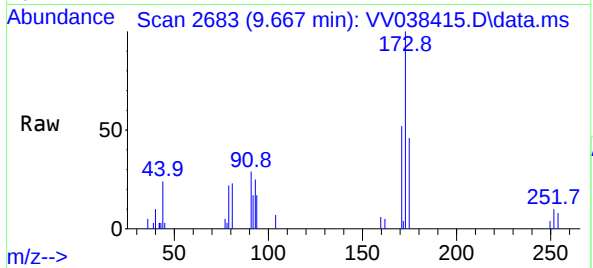
Tgt Ion: 83 Resp: 18442
Ion Ratio Lower Upper
83 100
85 62.7 44.7 82.9
131 17.7 8.0 12.0#





#59
Bromoform
Concen: 2.633 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.013 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

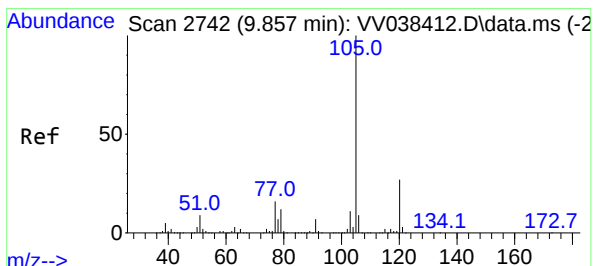
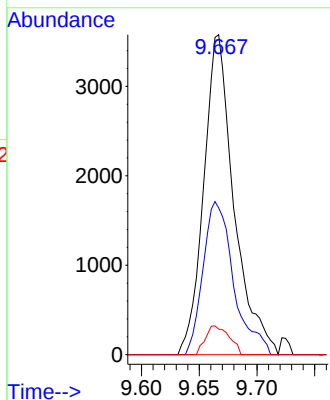
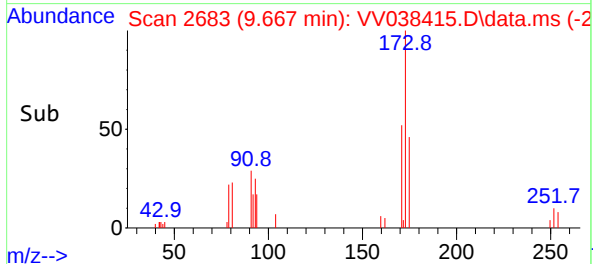
Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2024-08



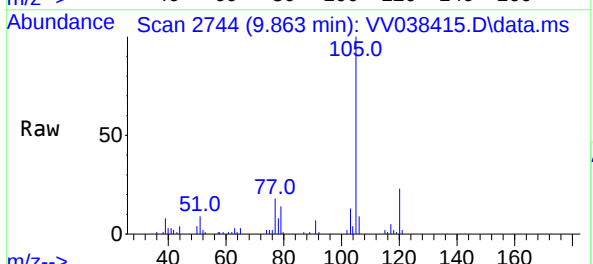
Tgt Ion:173 Resp: 651
Ion Ratio Lower Upper
173 100
175 48.4 38.8 58.2
254 7.0 6.9 10.3

Manual Integrations
APPROVED

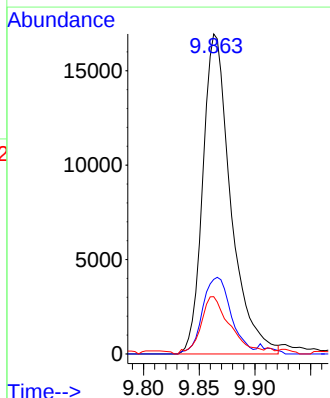
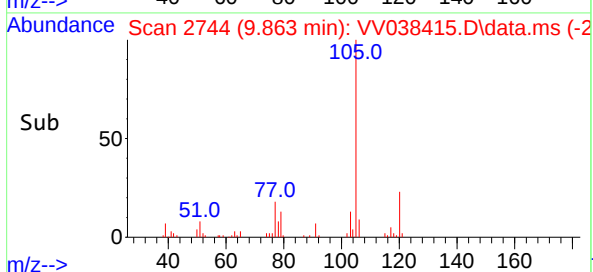
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024

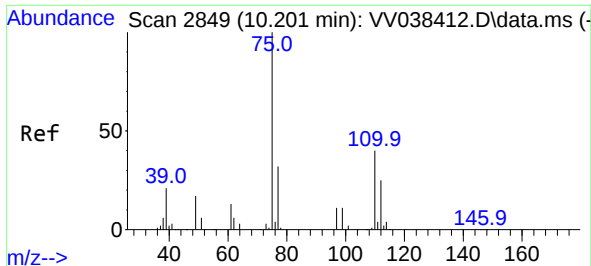


#60
Isopropylbenzene
Concen: 2.105 ug/L
RT: 9.863 min Scan# 2744
Delta R.T. 0.006 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02



Tgt Ion:105 Resp: 29622
Ion Ratio Lower Upper
105 100
120 24.4 21.0 31.4
77 18.3 12.2 18.4





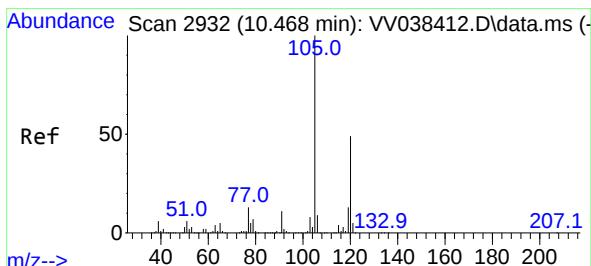
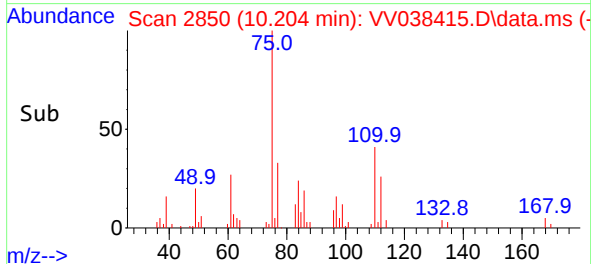
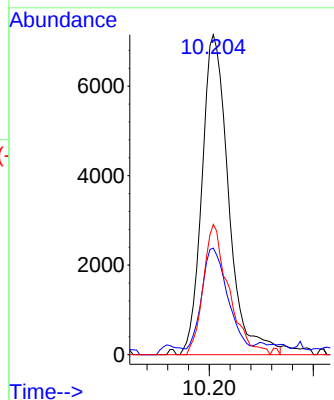
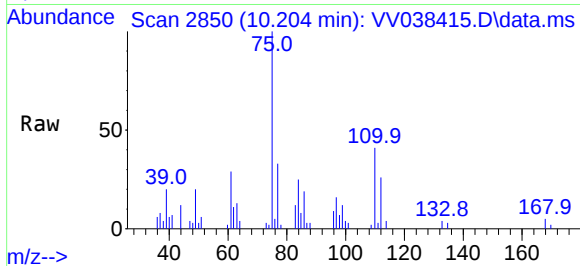
#61
1,2,3-Trichloropropane
Concen: 3.175 ug/L
RT: 10.204 min Scan# 2849
Delta R.T. 0.003 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2024-08

Tgt Ion:	75	Resp:	1272
Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.8	38.6
110	38.9	32.2	48.4

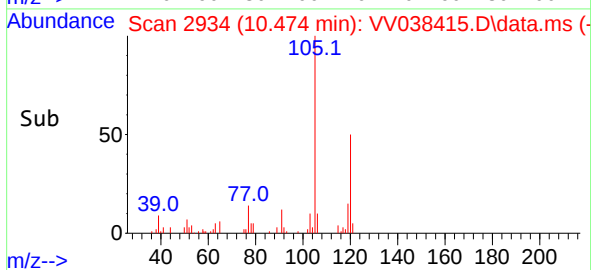
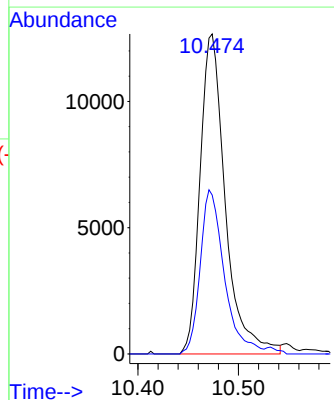
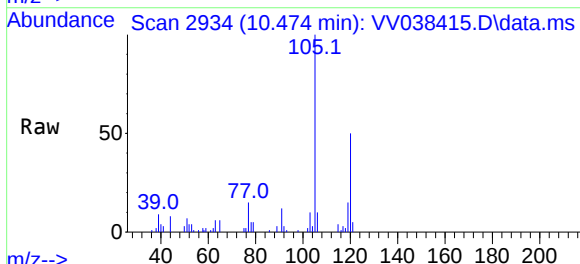
Manual Integrations
APPROVED

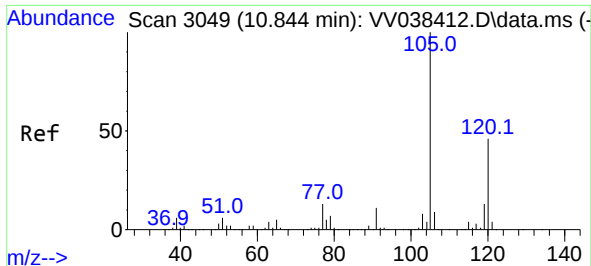
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024



#62
1,3,5-Trimethylbenzene
Concen: 1.955 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. 0.006 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

Tgt Ion:	105	Resp:	22083
Ion	Ratio	Lower	Upper
105	100		
120	48.9	39.1	58.7





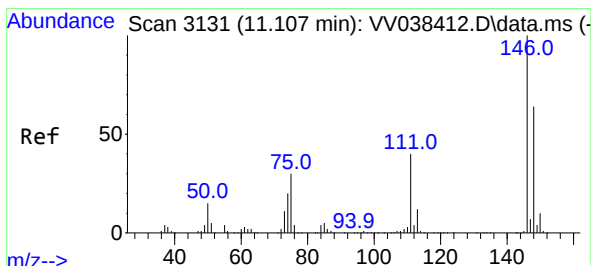
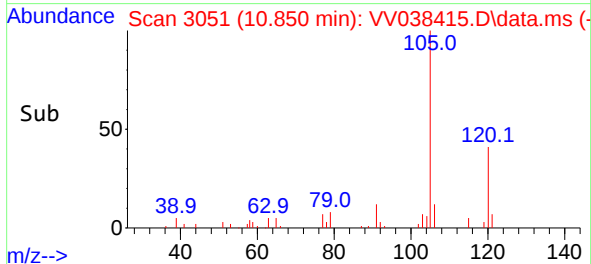
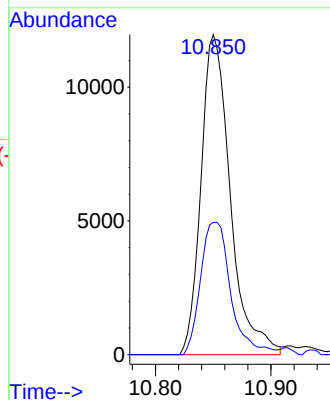
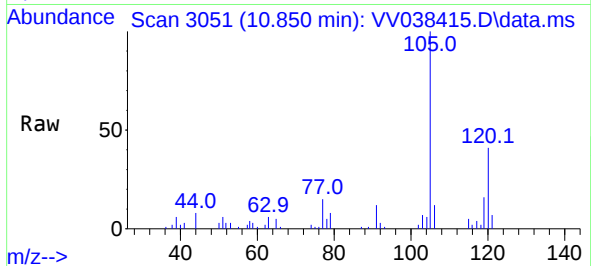
#63
1,2,4-Trimethylbenzene
Concen: 1.901 ug/L
RT: 10.850 min Scan# 3049
Delta R.T. 0.006 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2024-08

Tgt Ion:105 Resp: 2110
Ion Ratio Lower Upper
105 100
120 41.6 36.6 55.0

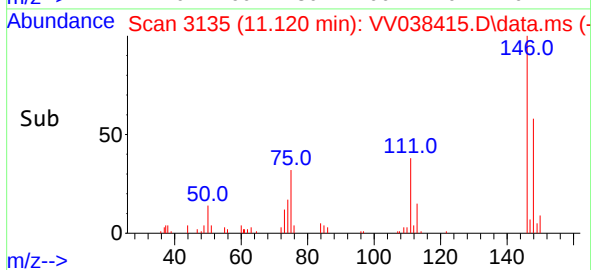
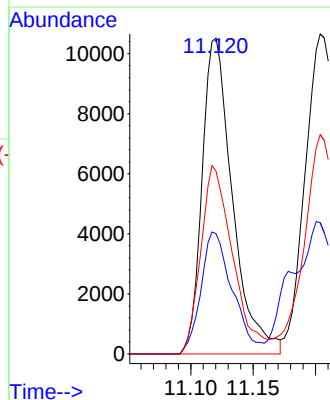
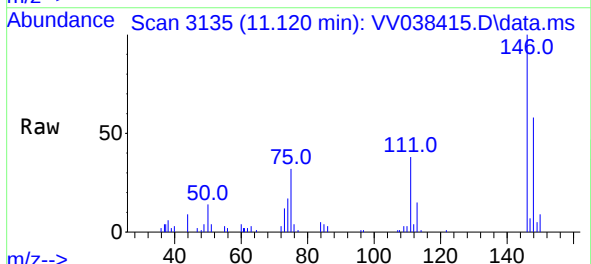
Manual Integrations
APPROVED

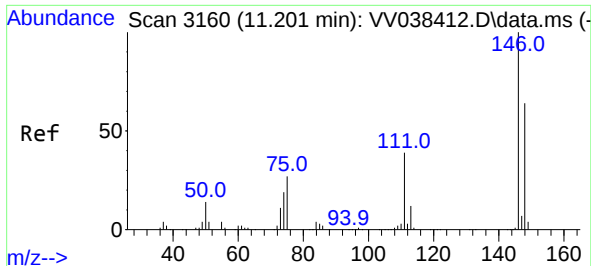
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024



#64
1,3-Dichlorobenzene
Concen: 2.472 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.013 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

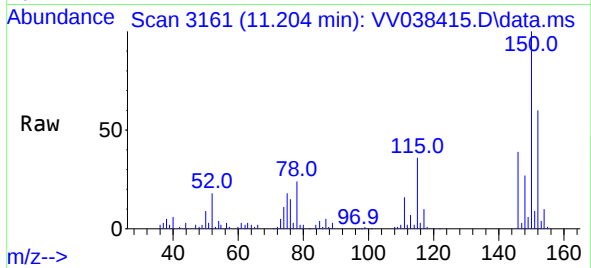
Tgt Ion:146 Resp: 17857
Ion Ratio Lower Upper
146 100
111 38.1 27.8 51.6
148 57.9 45.1 83.7





#65
1,4-Dichlorobenzene
Concen: 2.650 ug/L
RT: 11.204 min Scan# 3160
Delta R.T. 0.003 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

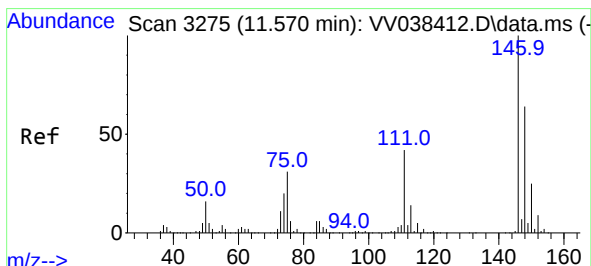
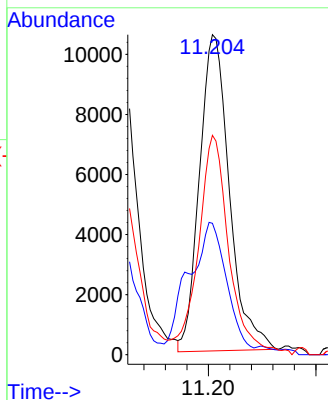
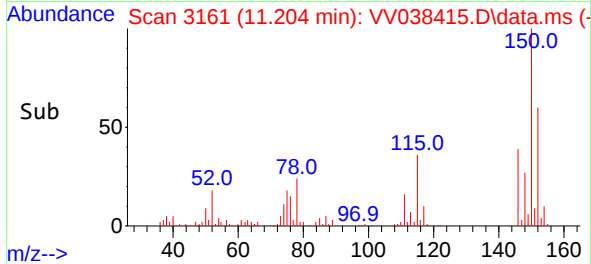
Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2024-08



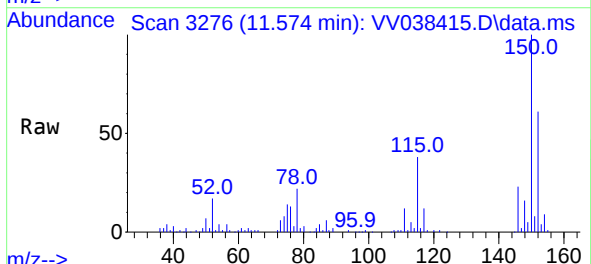
Tgt Ion:146 Resp: 20350
Ion Ratio Lower Upper
146 100
111 41.1 27.6 51.4
148 68.5 44.9 83.3

Manual Integrations
APPROVED

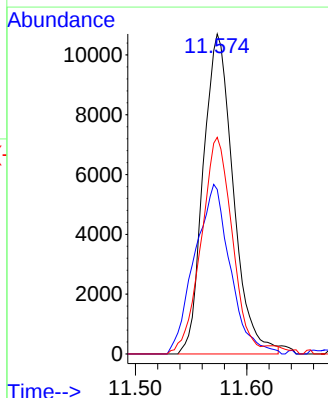
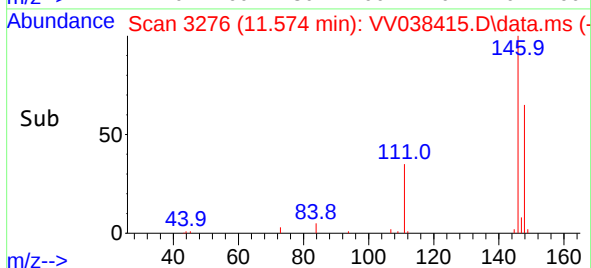
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024

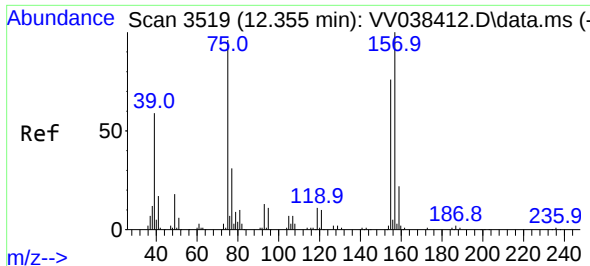


#67
1,2-Dichlorobenzene
Concen: 2.716 ug/L
RT: 11.574 min Scan# 3276
Delta R.T. 0.003 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02



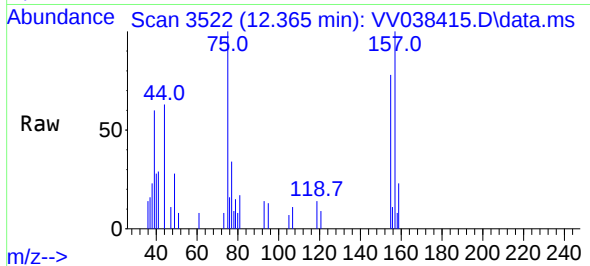
Tgt Ion:146 Resp: 20003
Ion Ratio Lower Upper
146 100
111 51.4 34.2 51.2#
148 67.7 50.5 75.7





#68
1,2-Dibromo-3-chloropropane
Concen: 3.086 ug/L
RT: 12.365 min Scan# 3125
Delta R.T. 0.010 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

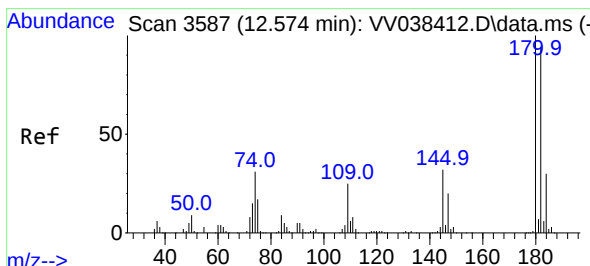
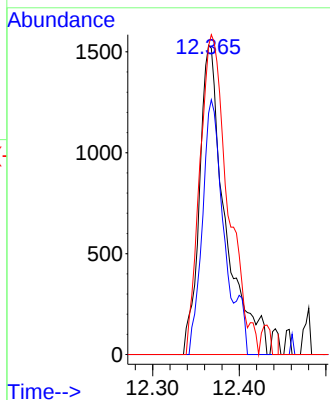
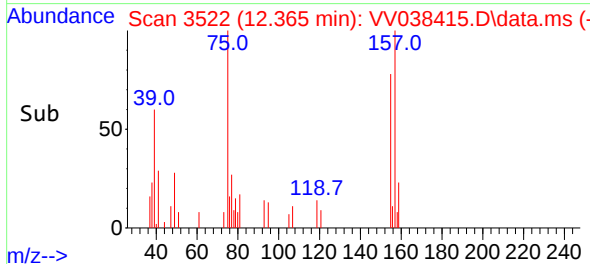
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT4-2024-08



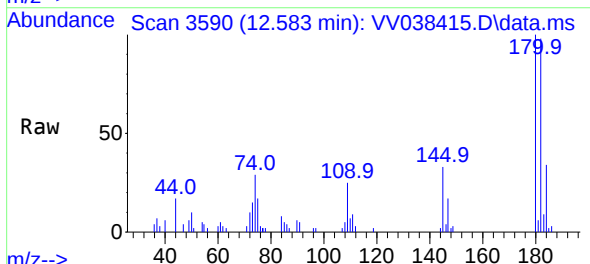
Tgt Ion: 75 Resp: 3259
Ion Ratio Lower Upper
75 100
155 88.8 66.8 100.2
157 99.7 83.4 125.2

Manual Integrations
APPROVED

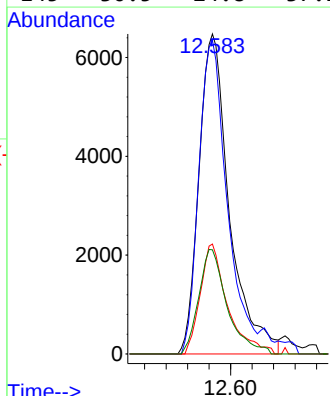
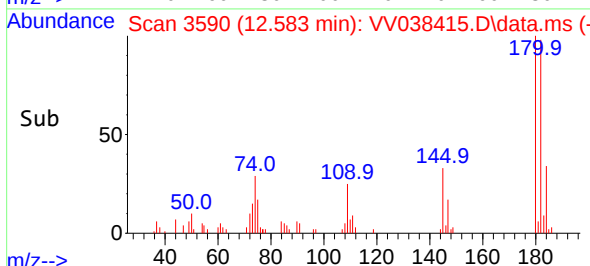
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024

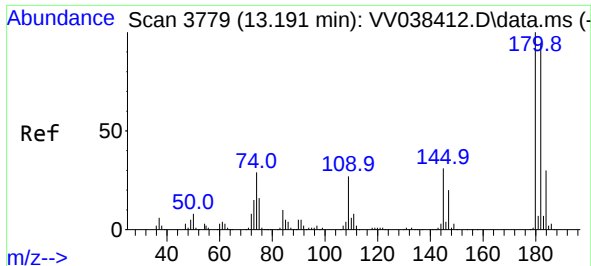


#69
1,3,5-Trichlorobenzene
Concen: 2.582 ug/L
RT: 12.583 min Scan# 3590
Delta R.T. 0.010 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02



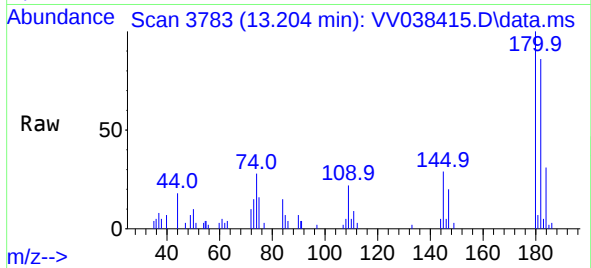
Tgt Ion:180 Resp: 12722
Ion Ratio Lower Upper
180 100
182 90.7 76.2 114.4
184 30.3 23.8 35.6
145 30.5 24.8 37.2





#70
1,2,4-trichlorobenzene
Concen: 2.356 ug/L
RT: 13.204 min Scan# 31
Delta R.T. 0.013 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

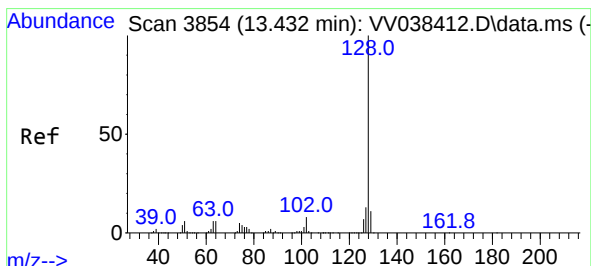
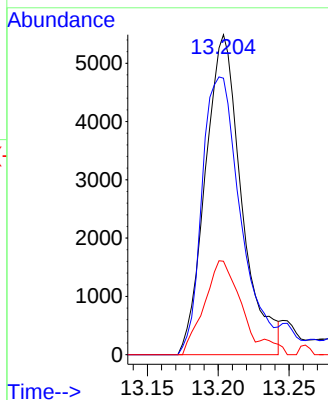
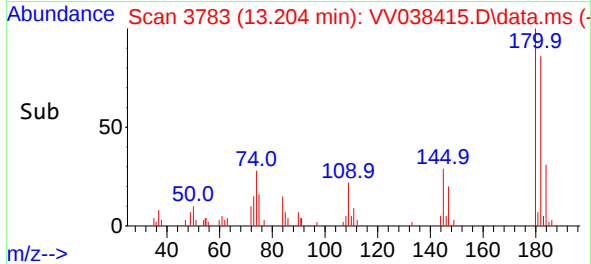
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2024-08



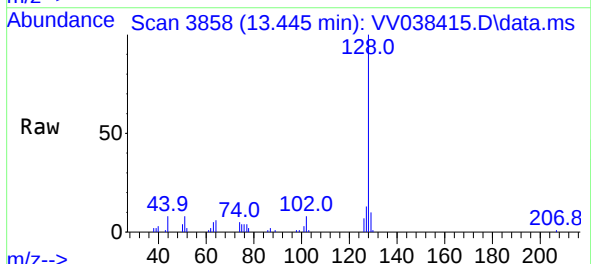
Tgt Ion:180 Resp: 978
Ion Ratio Lower Upper
180 100
182 92.1 76.2 114.2
145 28.3 24.7 37.1

Manual Integrations
APPROVED

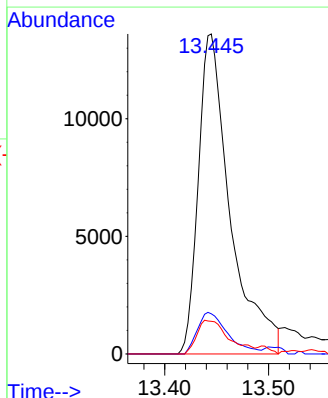
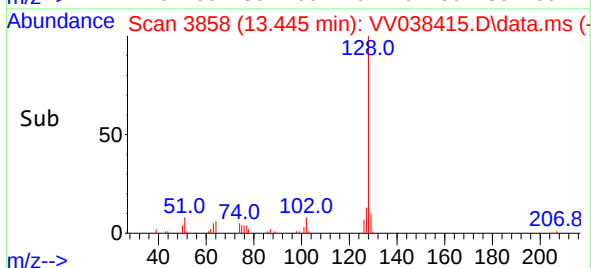
Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024

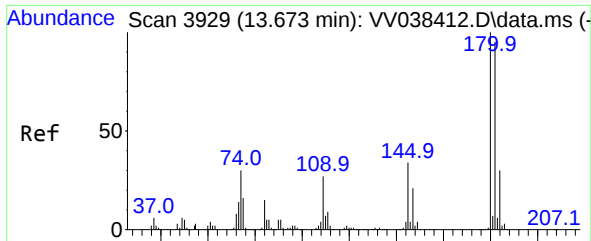


#71
Naphthalene
Concen: 2.579 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.013 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02



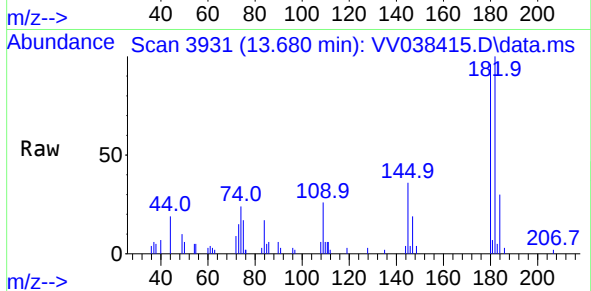
Tgt Ion:128 Resp: 29029
Ion Ratio Lower Upper
128 100
127 12.4 10.1 15.1
129 9.6 8.6 12.8





#72
1,2,3-Trichlorobenzene
Concen: 2.699 ug/L
RT: 13.680 min Scan# 3929
Delta R.T. 0.006 min
Lab File: VV038415.D
Acq: 05 Dec 2024 12:02

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2024-08



Tgt Ion:	180	Resp:	10994
Ion Ratio	Lower	Upper	
180	100		
182	92.6	75.8	113.6
145	32.1	27.1	40.7

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/06/2024
Supervised By :Semsettin Yesilyurt 12/06/2024

