

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101323\
 Data File : VX038282.D
 Acq On : 13 Oct 2023 13:48
 Operator : JC/MD
 Sample : 04699-09 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2023

Quant Time: Oct 14 00:58:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 14 00:55:23 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 10/16/2023
 Supervised By : Mahesh Dadoda 10/16/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	119037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	206057	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105363	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95088	49.664	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.320%		
35) Dibromofluoromethane	5.385	113	73359	49.408	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.820%		
50) Toluene-d8	8.647	98	278076	49.012	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.020%		
62) 4-Bromofluorobenzene	11.079	95	102218	47.522	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	2967	2.582	ug/l	92
3) Chloromethane	1.301	50	3223	2.752	ug/l	89
4) Vinyl Chloride	1.374	62	4275	3.292	ug/l	90
5) Bromomethane	1.605	94	4471	2.523	ug/l	93
6) Chloroethane	1.685	64	3459	3.004	ug/l	100
7) Trichlorofluoromethane	1.886	101	8063	3.144	ug/l	92
8) Diethyl Ether	2.136	74	2872	3.003	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	3387	3.025	ug/l	96
10) Methyl Iodide	2.453	142	4113	2.553	ug/l	95
11) Tert butyl alcohol	2.953	59	4762	10.213	ug/l #	87
12) 1,1-Dichloroethene	2.319	96	3242	2.977	ug/l	83
13) Acrolein	2.233	56	3428	12.594	ug/l	91
14) Allyl chloride	2.660	41	5028	2.581	ug/l	94
15) Acrylonitrile	3.063	53	11746	13.481	ug/l	99
16) Acetone	2.374	43	12648	15.828	ug/l	99
17) Carbon Disulfide	2.514	76	7262	2.314	ug/l	95
18) Methyl Acetate	2.703	43	9326	2.722	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	10713	2.470	ug/l	99
20) Methylene Chloride	2.788	84	4677	3.112	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	3635	2.696	ug/l	95
22) Diisopropyl ether	3.764	45	10132	2.482	ug/l	99
23) Vinyl Acetate	3.727	43	33124	11.063	ug/l	98
24) 1,1-Dichloroethane	3.611	63	6458	2.606	ug/l	98
25) 2-Butanone	4.562	43	17374	13.476	ug/l	99
26) 2,2-Dichloropropane	4.477	77	4355	2.251	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	4288	2.670	ug/l	88
28) Bromochloromethane	4.904	49	2964	2.650	ug/l #	85
29) Tetrahydrofuran	5.013	42	10555	12.574	ug/l	90
30) Chloroform	5.093	83	7215	2.663	ug/l	96
31) Cyclohexane	5.471	56	5026	2.423	ug/l #	93
32) 1,1,1-Trichloroethane	5.391	97	5910	2.547	ug/l	98
36) 1,1-Dichloropropene	5.702	75	5404	2.639	ug/l	97
37) Ethyl Acetate	4.715	43	5621	2.312	ug/l	96
38) Carbon Tetrachloride	5.684	117	5024	2.494	ug/l	97
39) Methylcyclohexane	7.385	83	5926	2.471	ug/l #	87
40) Benzene	6.044	78	15560	2.717	ug/l	98

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Reviewed By :Semsettin Yesilyurt 10/16/2023
 Supervised By :Mahesh Dadoda 10/16/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	2832	2.341	ug/l #	87
42) 1,2-Dichloroethane	6.092	62	6276	2.743	ug/l	98
43) Isopropyl Acetate	6.342	43	8568	2.360	ug/l	97
44) Trichloroethene	7.129	130	3931	2.624	ug/l	97
45) 1,2-Dichloropropane	7.428	63	3862	2.606	ug/l	97
46) Dibromomethane	7.586	93	2906	2.528	ug/l	93
47) Bromodichloromethane	7.824	83	4997	2.444	ug/l #	94
48) Methyl methacrylate	7.702	41	4014	2.316	ug/l	89
49) 1,4-Dioxane	7.659	88	2201	51.542	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	30638	12.236	ug/l	98
52) Toluene	8.720	92	10380	2.783	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	4357	1.985	ug/l	97
54) cis-1,3-Dichloropropene	8.373	75	4950	2.146	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	4190	2.626	ug/l	97
56) Ethyl methacrylate	9.116	69	5385	2.201	ug/l	93
57) 1,3-Dichloropropane	9.311	76	6870	2.662	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.244	63	13990	11.650	ug/l	99
59) 2-Hexanone	9.433	43	24645	12.243	ug/l	97
60) Dibromochloromethane	9.519	129	3403	2.179	ug/l	89
61) 1,2-Dibromoethane	9.610	107	4136	2.397	ug/l	89
64) Tetrachloroethene	9.275	164	3670	2.763	ug/l	88
65) Chlorobenzene	10.080	112	11298	2.632	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	3464	2.386	ug/l	97
67) Ethyl Benzene	10.195	91	18685	2.438	ug/l	96
68) m/p-Xylenes	10.305	106	13952	4.709	ug/l	100
69) o-Xylene	10.640	106	6905	2.388	ug/l	96
70) Styrene	10.659	104	11184	2.375	ug/l	98
71) Bromoform	10.799	173	2365	1.977	ug/l #	98
73) Isopropylbenzene	10.964	105	17515	2.479	ug/l	98
74) N-amyl acetate	10.842	43	5637	1.868	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	7357	2.837	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	6240m	2.605	ug/l	
77) Bromobenzene	11.195	156	4684	2.715	ug/l	91
78) n-propylbenzene	11.305	91	22240	2.574	ug/l	99
79) 2-Chlorotoluene	11.366	91	13455	2.626	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	15062	2.471	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	1138m	1.517	ug/l	
82) 4-Chlorotoluene	11.457	91	15963	2.633	ug/l	97
83) tert-Butylbenzene	11.713	119	15130	2.540	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	14720	2.422	ug/l	97
85) sec-Butylbenzene	11.890	105	19271	2.497	ug/l	99
86) p-Isopropyltoluene	12.012	119	15329	2.408	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	9223	2.662	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	9451	2.672	ug/l	88
89) n-Butylbenzene	12.329	91	14968	2.361	ug/l	97
90) Hexachloroethane	12.536	117	2242	2.124	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	8914	2.676	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	1293	2.063	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	5377	2.407	ug/l	97
94) Hexachlorobutadiene	13.725	225	2398	2.667	ug/l	98
95) Naphthalene	13.774	128	17279	2.221	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	5595	2.587	ug/l	98

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Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

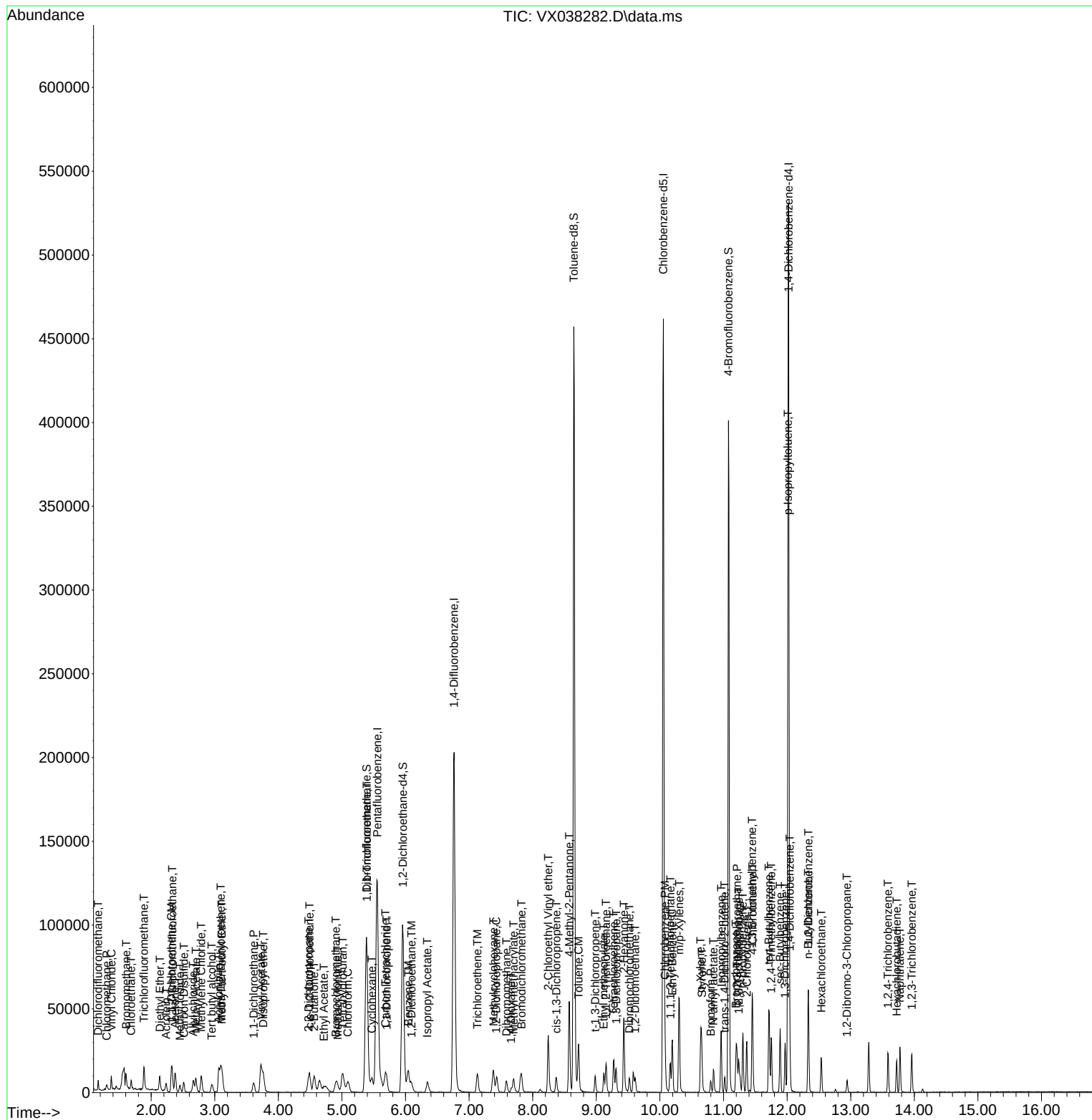
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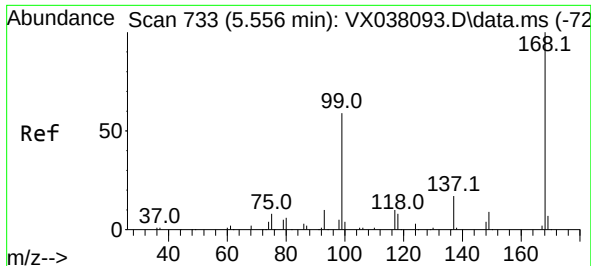
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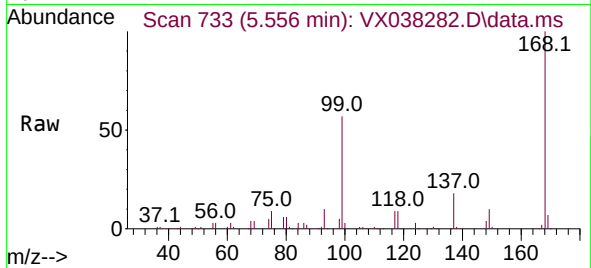
Reviewed By :Semsettin Yesilyurt 10/16/2023
 Supervised By :Mahesh Dadoda 10/16/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

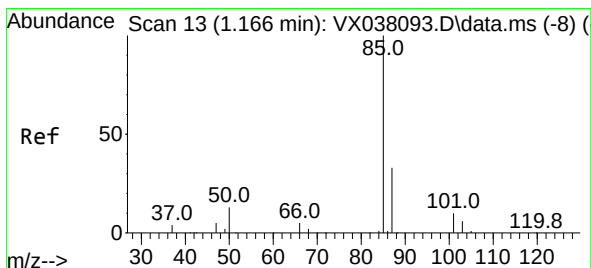
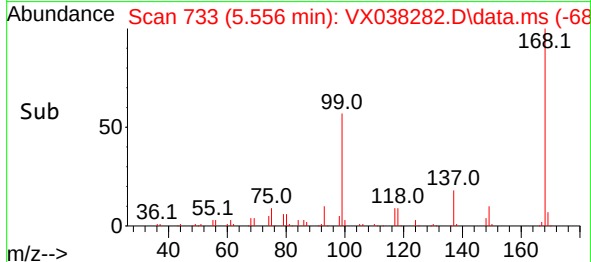
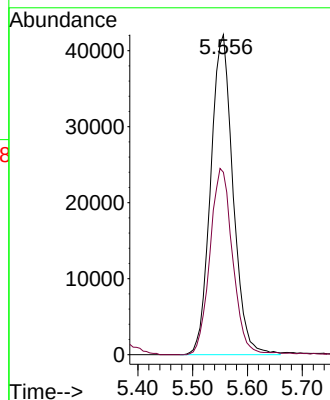
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2023



Tgt Ion:168 Resp: 11903
Ion Ratio Lower Upper
168 100
99 57.0 56.6 85.0

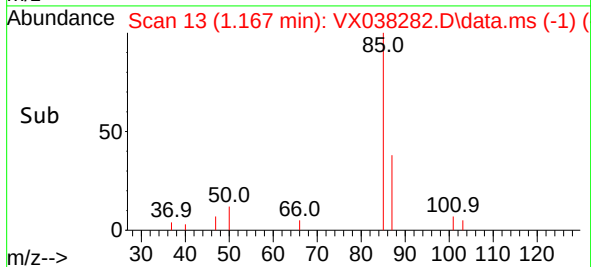
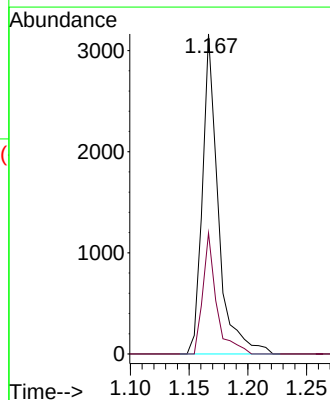
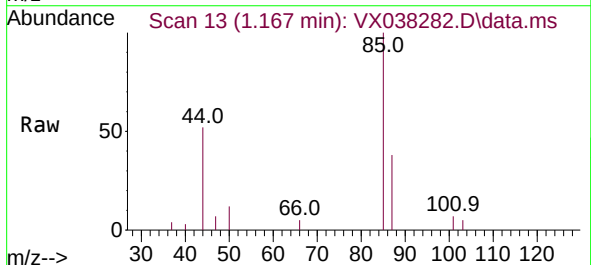
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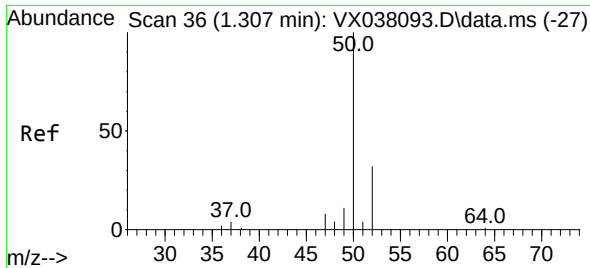
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#2
Dichlorodifluoromethane
Concen: 2.582 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

Tgt Ion: 85 Resp: 2967
Ion Ratio Lower Upper
85 100
87 37.8 16.7 50.1





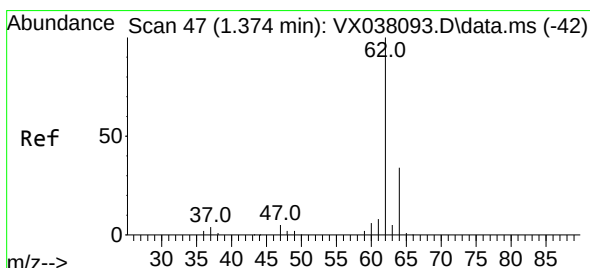
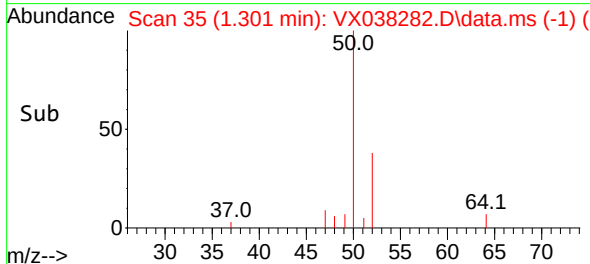
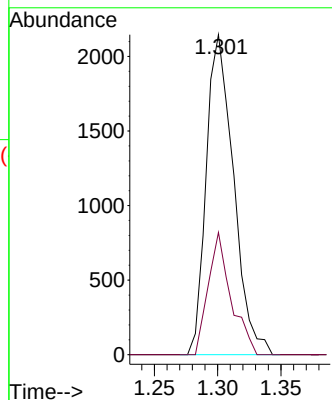
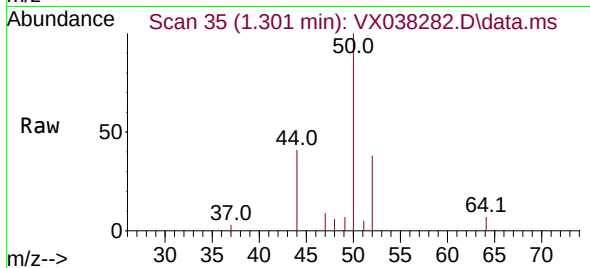
#3
Chloromethane
Concen: 2.752 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion: 50 Resp: 322
Ion Ratio Lower Upper
50 100
52 38.2 25.5 38.3

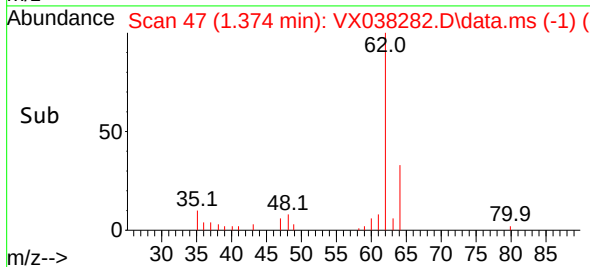
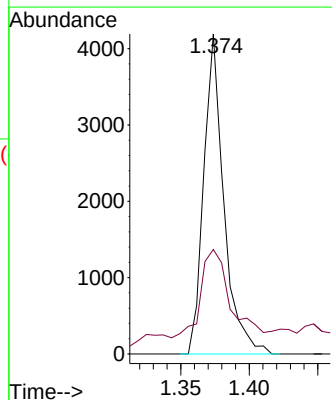
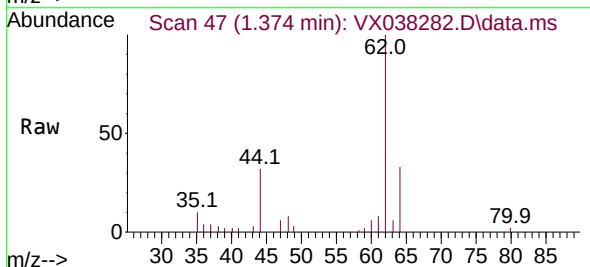
Manual Integrations
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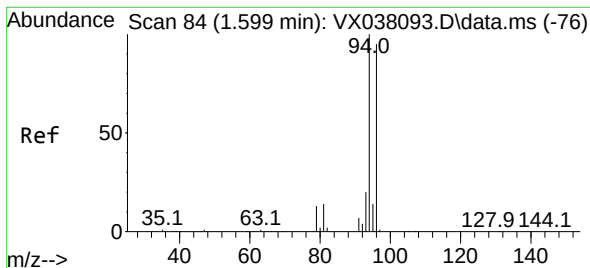
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#4
Vinyl Chloride
Concen: 3.292 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

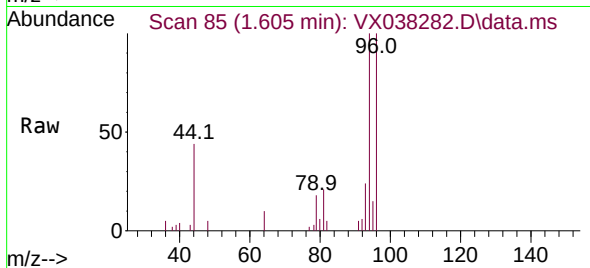
Tgt Ion: 62 Resp: 4275
Ion Ratio Lower Upper
62 100
64 26.3 25.4 38.0





#5
Bromomethane
Concen: 2.523 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

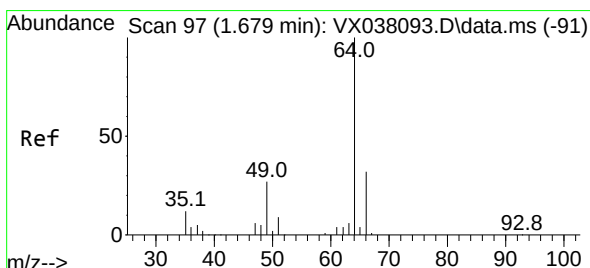
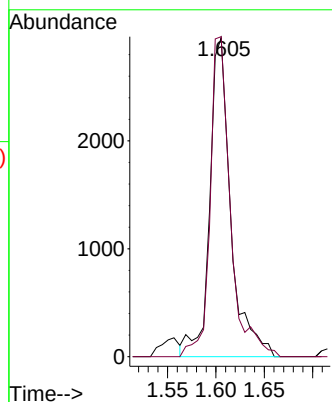
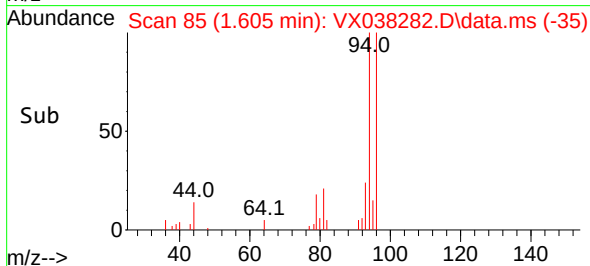
Instrument :
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Tgt Ion: 94 Resp: 447
Ion Ratio Lower Upper
94 100
96 100.4 74.6 111.8

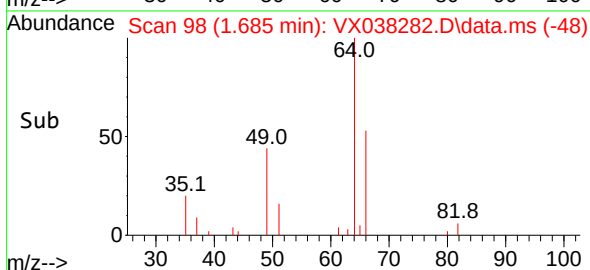
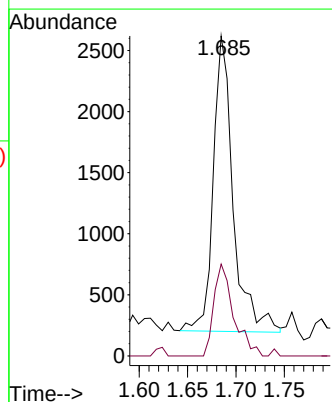
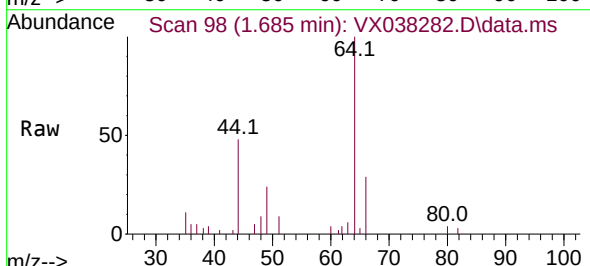
Manual Integrations
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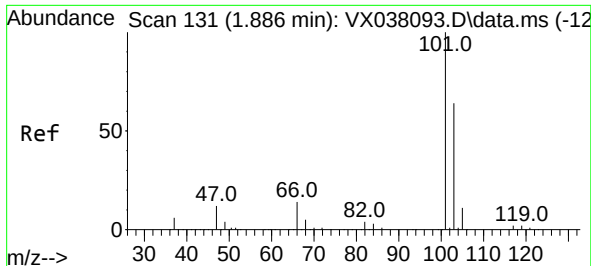
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#6
Chloroethane
Concen: 3.004 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

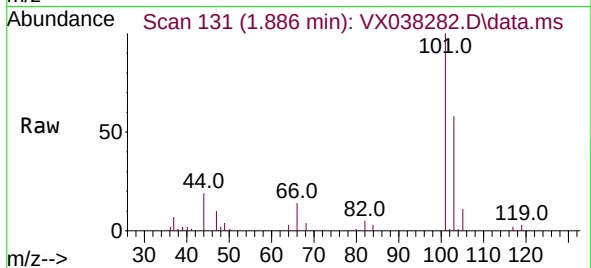
Tgt Ion: 64 Resp: 3459
Ion Ratio Lower Upper
64 100
66 31.2 25.1 37.7





#7
Trichlorofluoromethane
Concen: 3.144 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

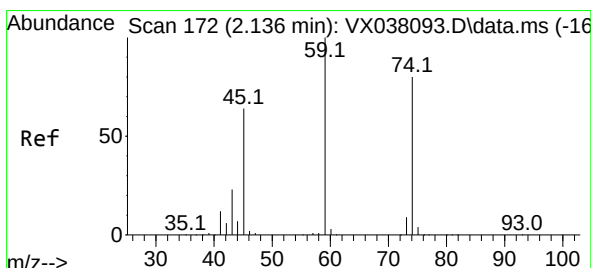
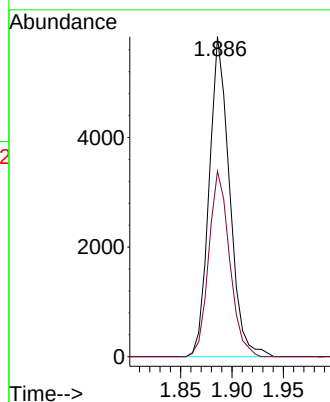
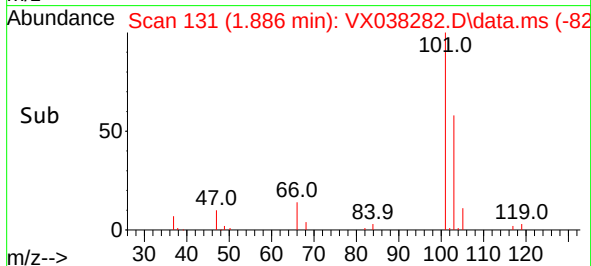
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:101 Resp: 806
Ion Ratio Lower Upper
101 100
103 58.0 51.4 77.2

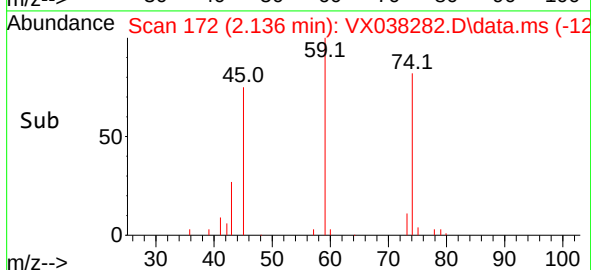
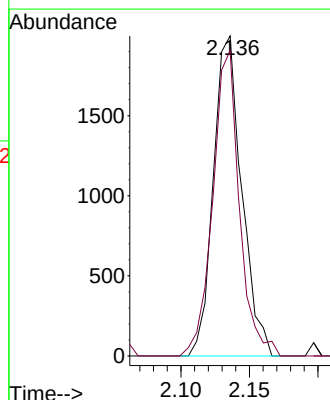
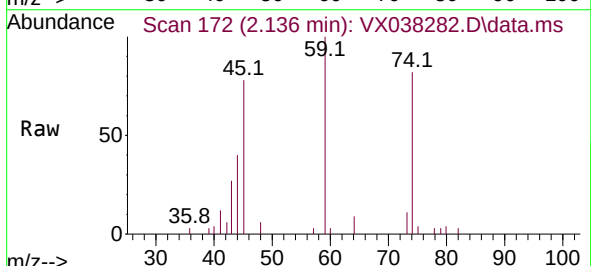
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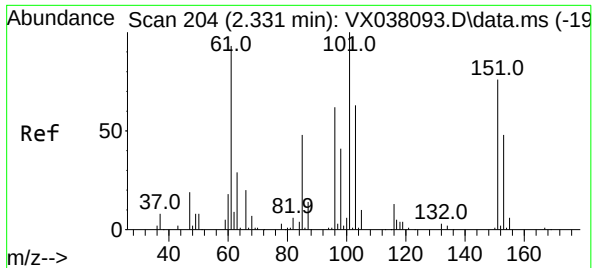
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#8
Diethyl Ether
Concen: 3.003 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

Tgt Ion: 74 Resp: 2872
Ion Ratio Lower Upper
74 100
45 89.9 53.3 159.8





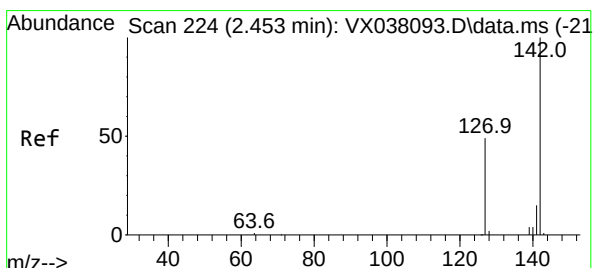
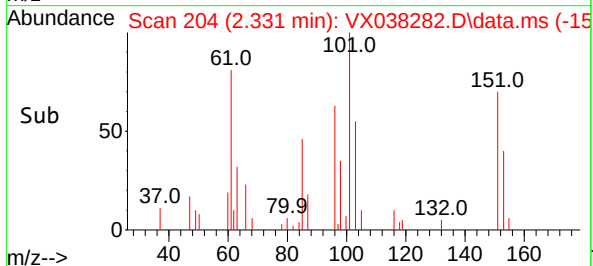
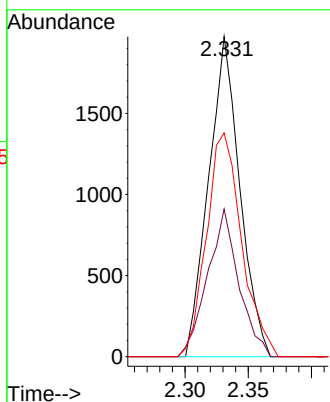
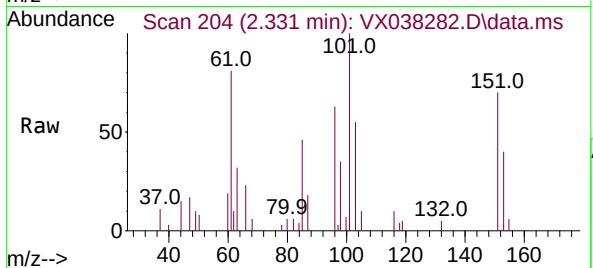
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.025 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion:101 Resp: 338
Ion Ratio Lower Upper
101 100
85 46.2 37.0 55.6
151 78.7 58.6 87.8

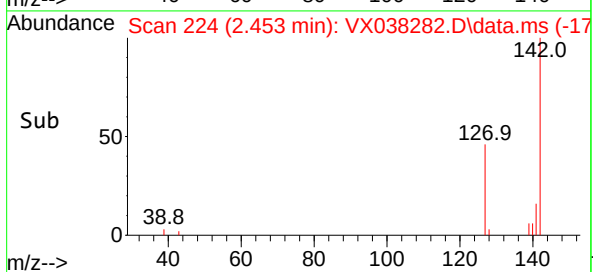
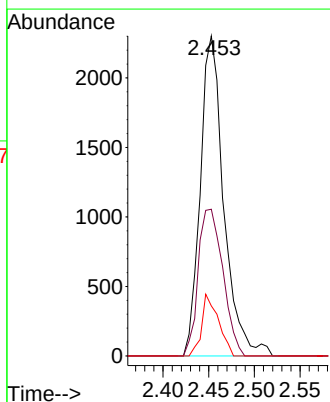
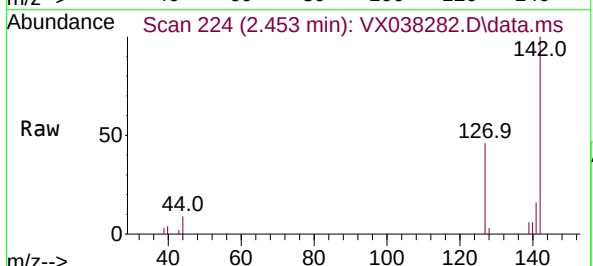
Manual Integrations
APPROVED

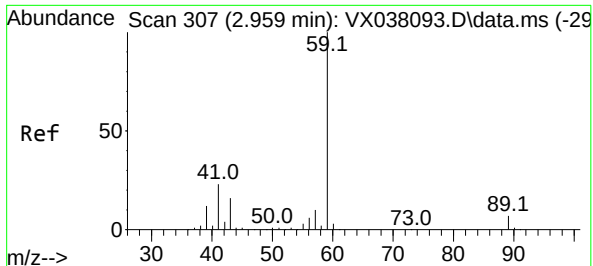
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#10
Methyl Iodide
Concen: 2.553 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

Tgt Ion:142 Resp: 4113
Ion Ratio Lower Upper
142 100
127 48.1 41.6 62.4
141 13.7 11.6 17.4





#11

Tert butyl alcohol

Concen: 10.213 ug/l

RT: 2.953 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

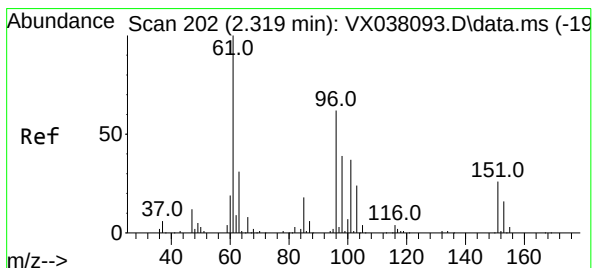
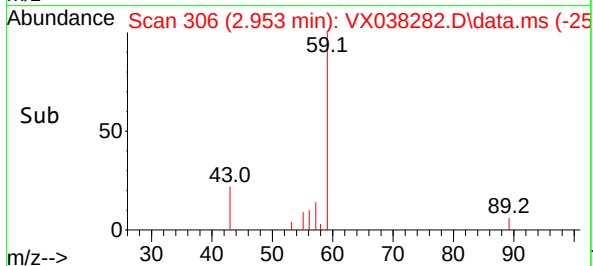
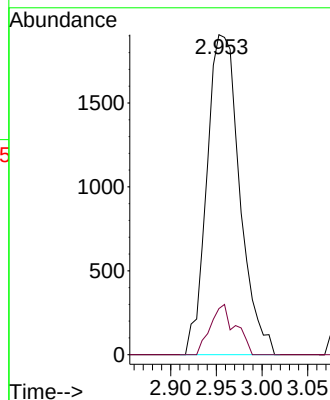
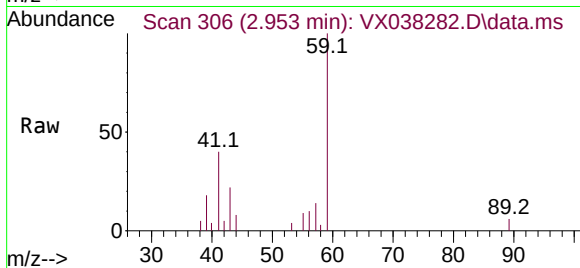
MDL-WATER-03-QT4-2023

Tgt Ion: 59 Resp: 4762
 Ion Ratio Lower Upper
 59 100
 57 12.0 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023
 Supervised By :Mahesh Dadoda 10/16/2023



#12

1,1-Dichloroethene

Concen: 2.977 ug/l

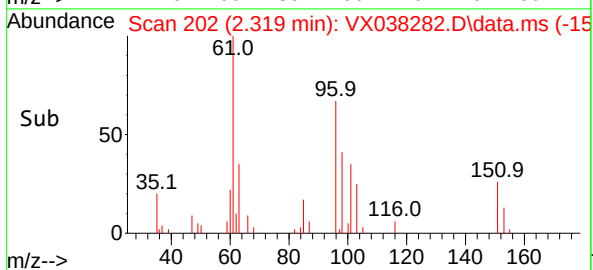
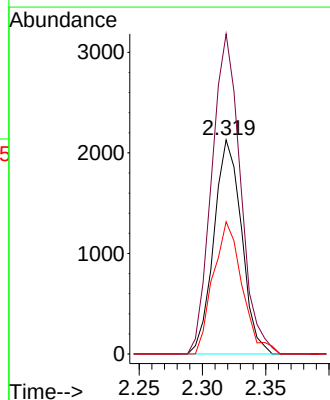
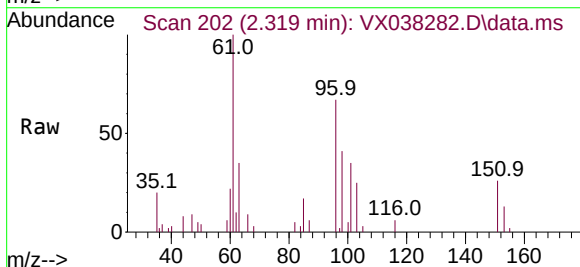
RT: 2.319 min Scan# 202

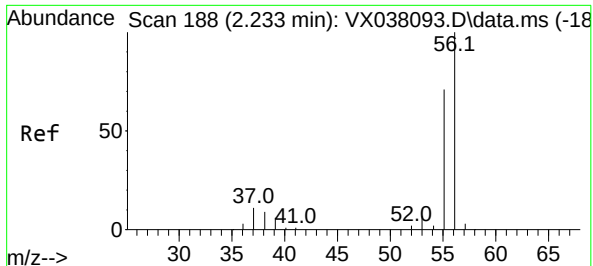
Delta R.T. -0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Tgt Ion: 96 Resp: 3242
 Ion Ratio Lower Upper
 96 100
 61 149.4 144.6 216.8
 98 61.7 50.4 75.6





#13

Acrolein

Concen: 12.594 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Instrument :

MSVOA_X

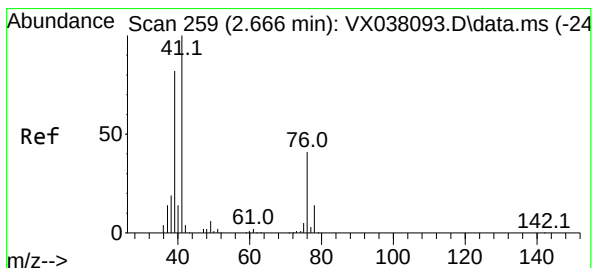
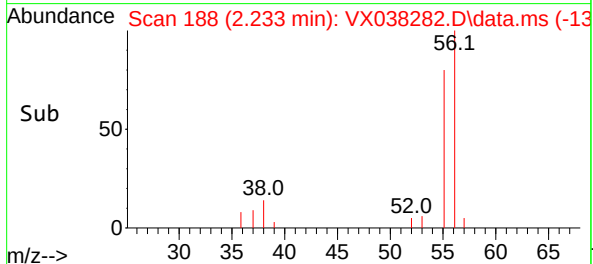
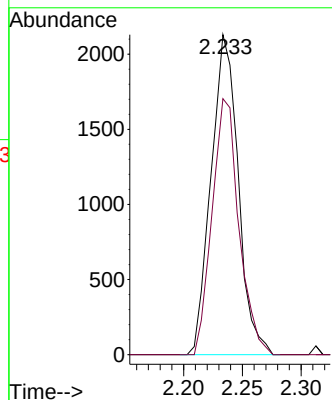
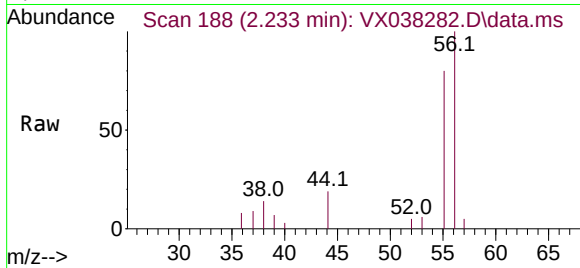
ClientSampleId :

MDL-WATER-03-QT4-2023

Tgt Ion: 56 Resp: 3428
 Ion Ratio Lower Upper
 56 100
 55 78.9 57.1 85.7

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023
 Supervised By :Mahesh Dadoda 10/16/2023



#14

Allyl chloride

Concen: 2.581 ug/l

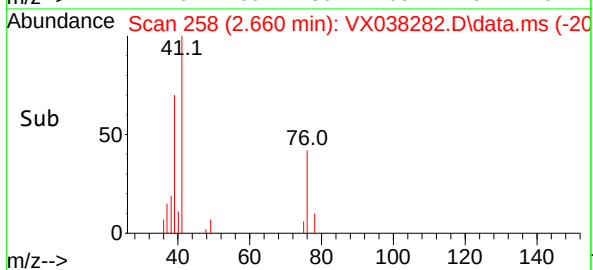
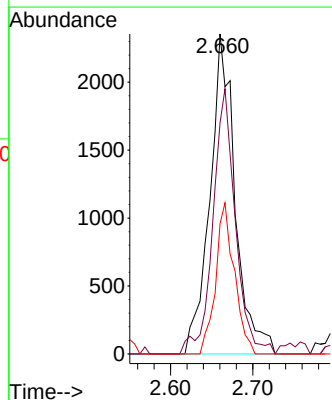
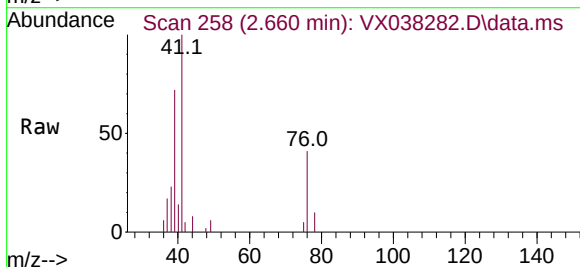
RT: 2.660 min Scan# 258

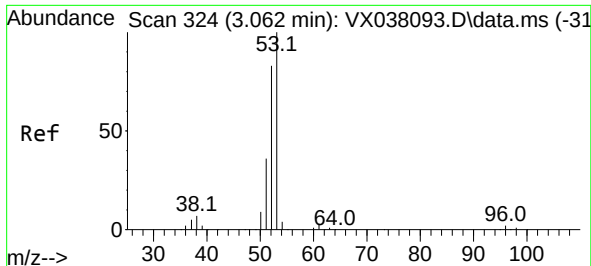
Delta R.T. 0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Tgt Ion: 41 Resp: 5028
 Ion Ratio Lower Upper
 41 100
 39 73.9 55.8 83.6
 76 34.9 24.3 36.5





#15

Acrylonitrile

Concen: 13.481 ug/l

RT: 3.063 min Scan# 31

Delta R.T. 0.001 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

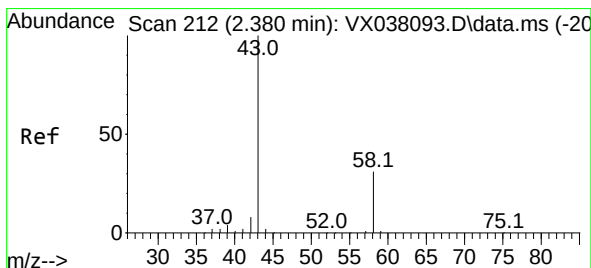
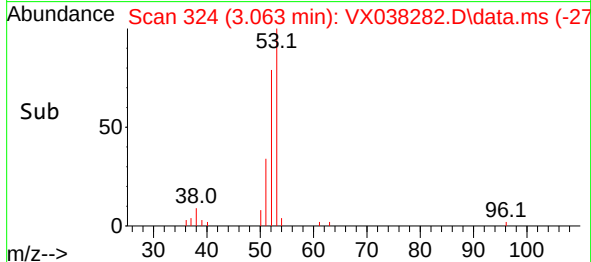
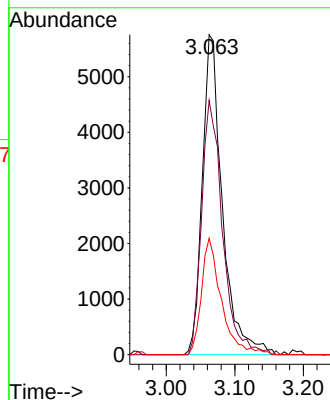
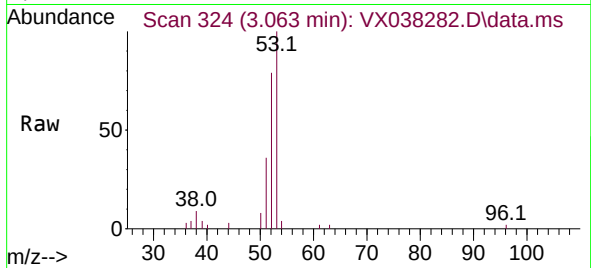
MDL-WATER-03-QT4-2023

Tgt Ion:	53	Resp:	11740
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.0	99.0
51	36.1	29.8	44.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#16

Acetone

Concen: 15.828 ug/l

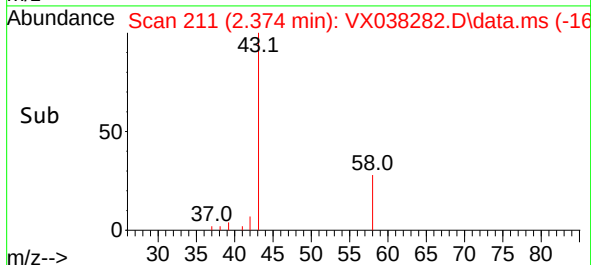
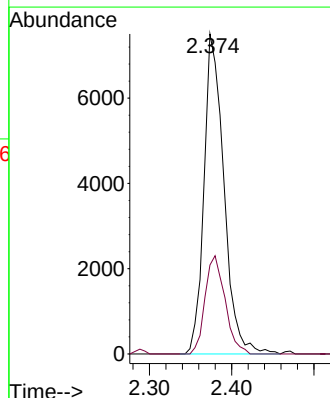
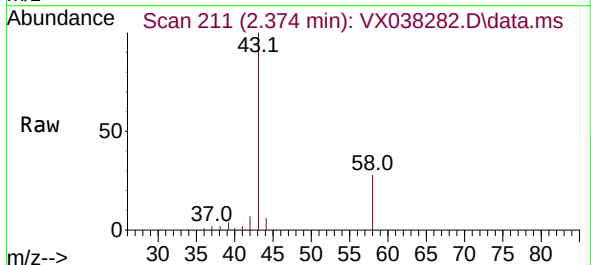
RT: 2.374 min Scan# 211

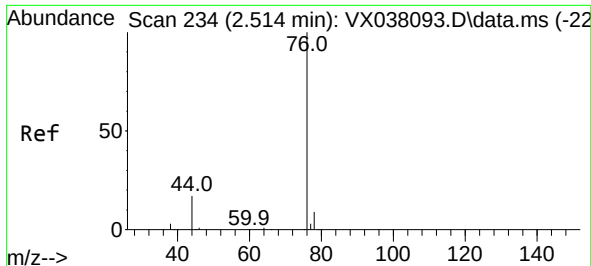
Delta R.T. -0.006 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

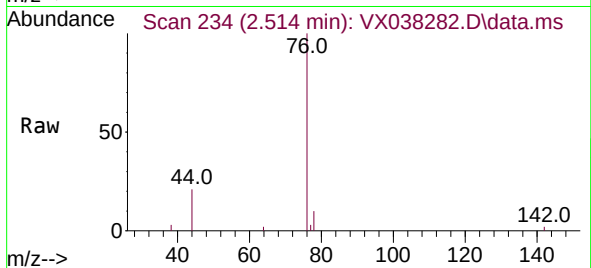
Tgt Ion:	43	Resp:	12648
Ion	Ratio	Lower	Upper
43	100		
58	27.8	21.9	32.9





#17
Carbon Disulfide
Concen: 2.314 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

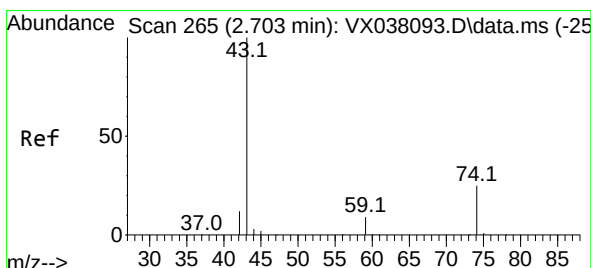
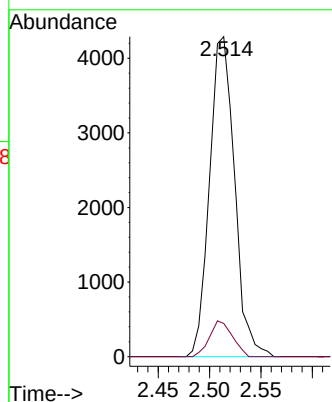
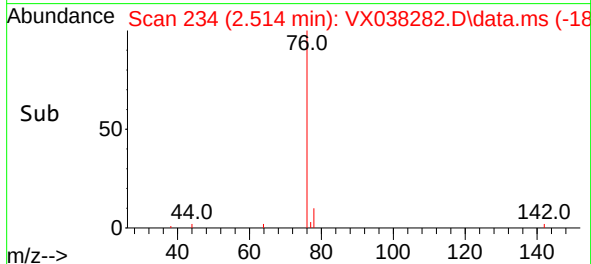
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 76 Resp: 726
Ion Ratio Lower Upper
76 100
78 10.4 7.0 10.6

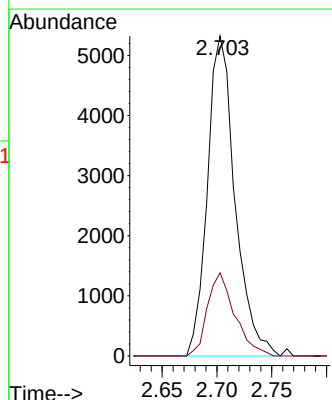
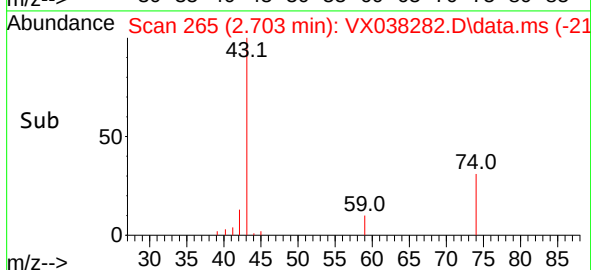
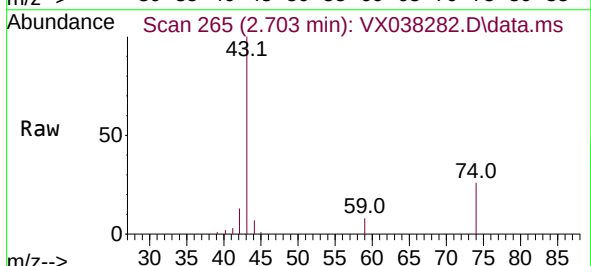
Manual Integrations
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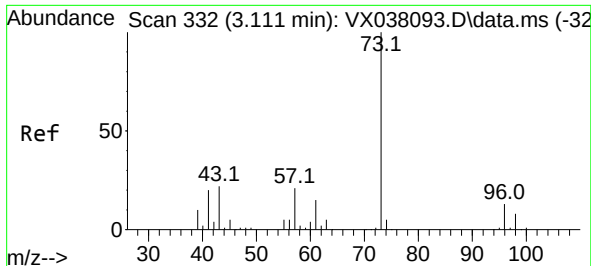
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#18
Methyl Acetate
Concen: 2.722 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

Tgt Ion: 43 Resp: 9326
Ion Ratio Lower Upper
43 100
74 25.7 17.8 26.8





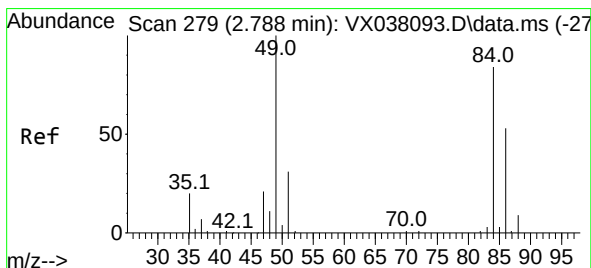
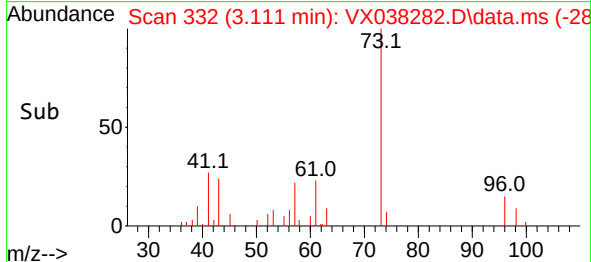
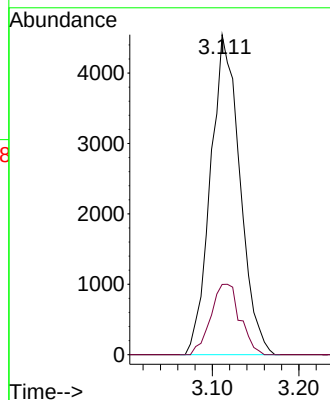
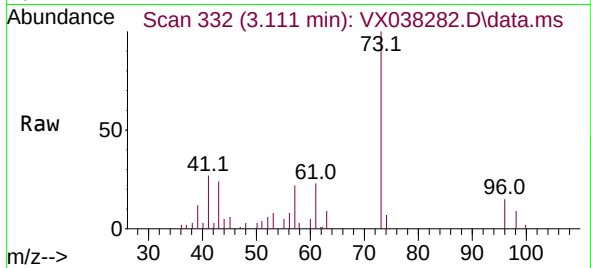
#19
Methyl tert-butyl Ether
Concen: 2.470 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

Instrument : MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion: 73 Resp: 1071
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9

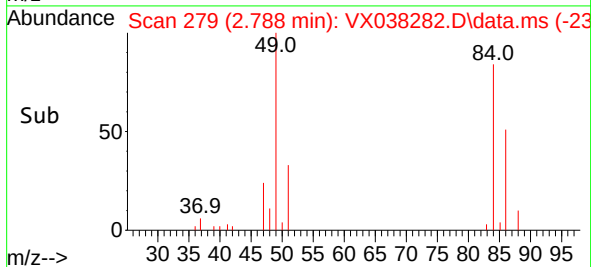
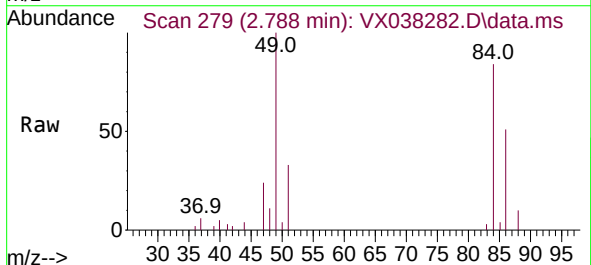
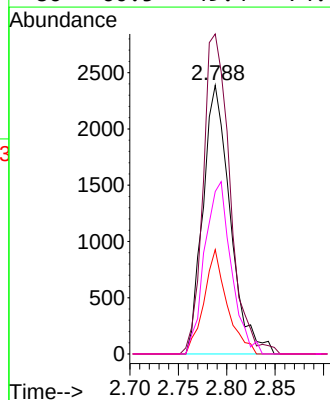
Manual Integrations
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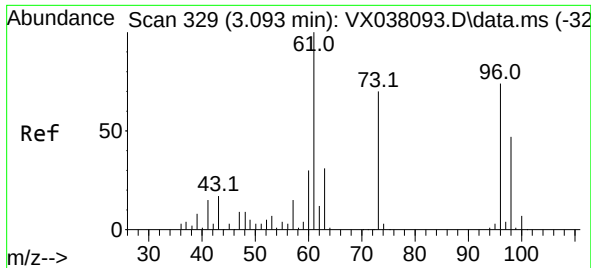
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#20
Methylene Chloride
Concen: 3.112 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

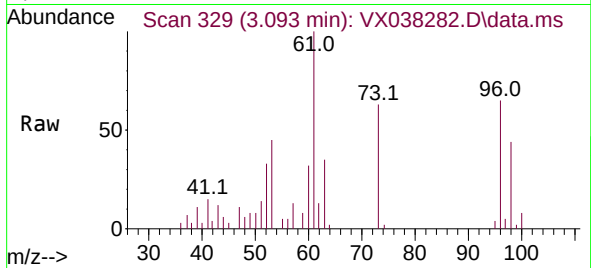
Tgt Ion: 84 Resp: 4677
Ion Ratio Lower Upper
84 100
49 119.1 103.6 155.4
51 38.8 33.8 50.6
86 60.5 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 2.696 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

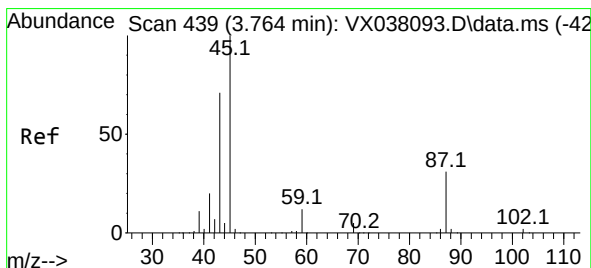
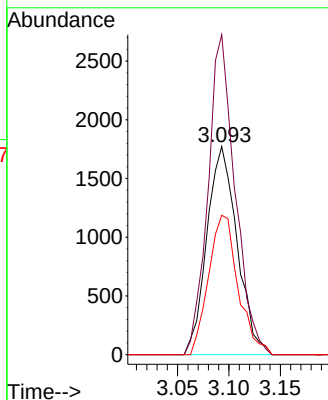
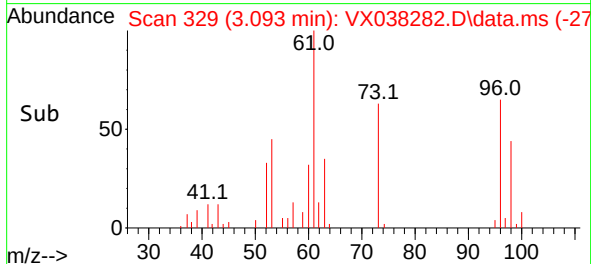
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 96 Resp: 363
Ion Ratio Lower Upper
96 100
61 153.8 119.2 178.8
98 67.0 48.7 73.1

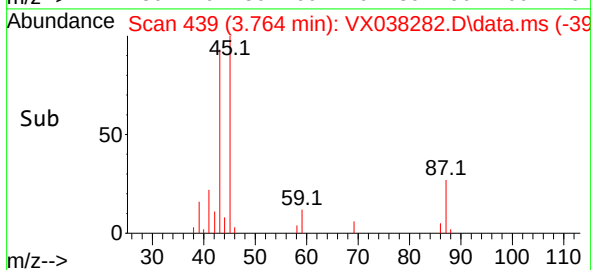
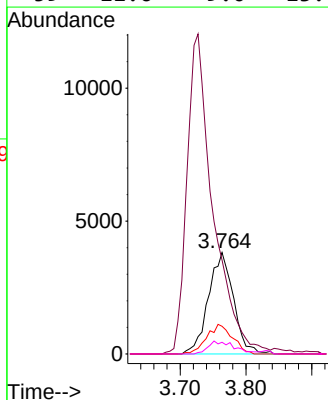
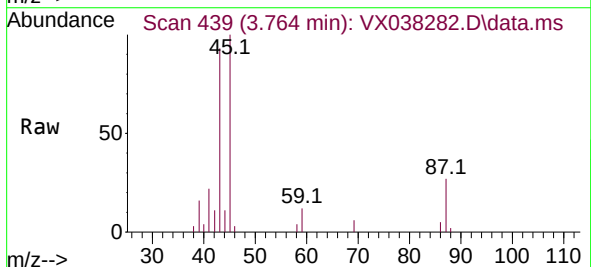
Manual Integrations
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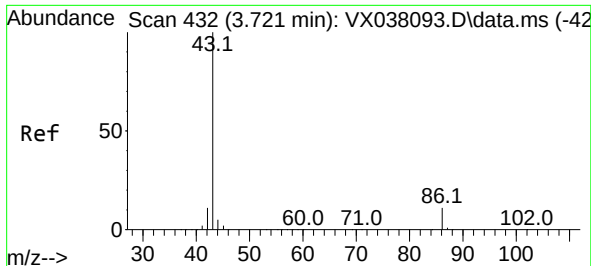
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#22
Diisopropyl ether
Concen: 2.482 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

Tgt Ion: 45 Resp: 10132
Ion Ratio Lower Upper
45 100
43 87.8 69.7 104.5
87 27.3 20.8 31.2
59 11.6 9.0 13.4





#23

Vinyl Acetate

Concen: 11.063 ug/l

RT: 3.727 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

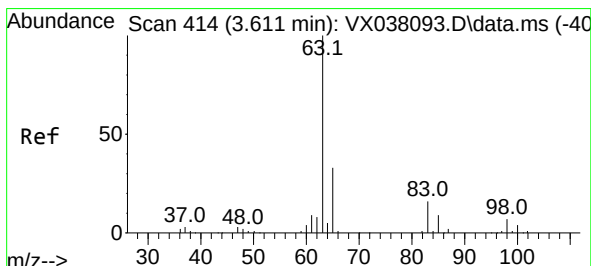
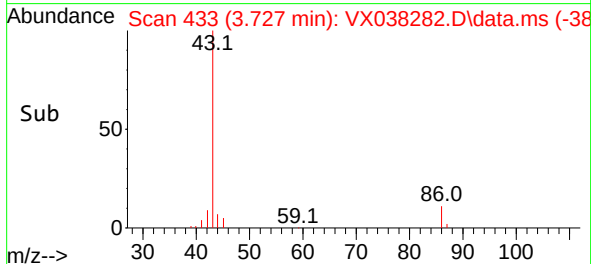
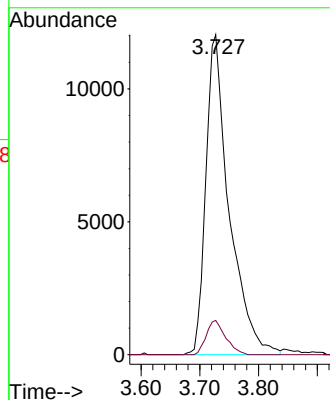
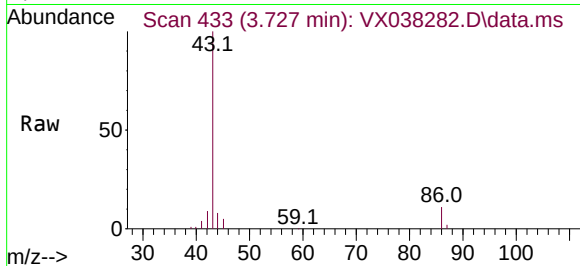
MDL-WATER-03-QT4-2023

Tgt Ion: 43 Resp: 33124
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023
 Supervised By :Mahesh Dadoda 10/16/2023



#24

1,1-Dichloroethane

Concen: 2.606 ug/l

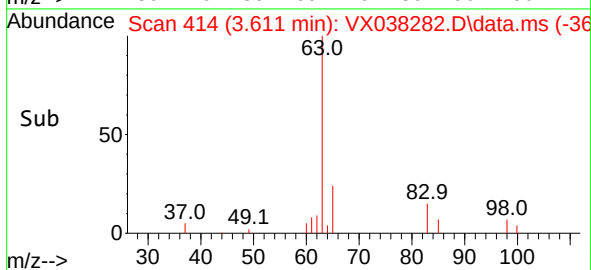
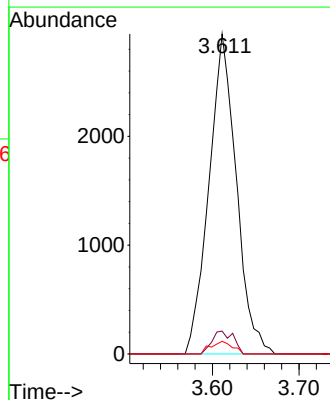
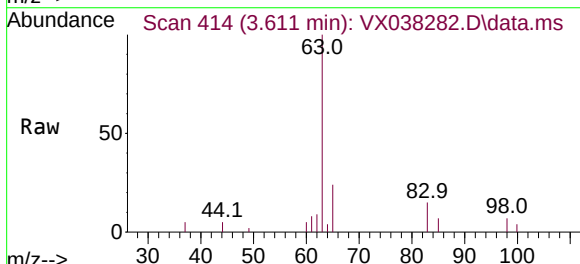
RT: 3.611 min Scan# 414

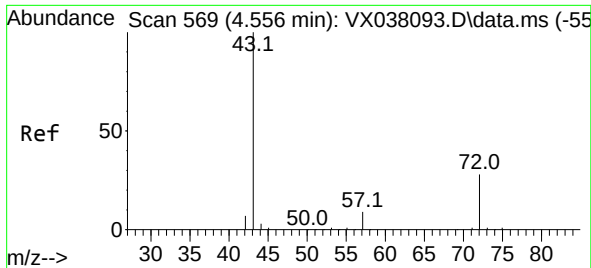
Delta R.T. 0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Tgt Ion: 63 Resp: 6458
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.8
 100 3.9 2.1 6.5





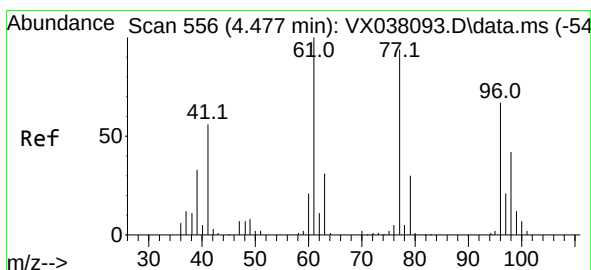
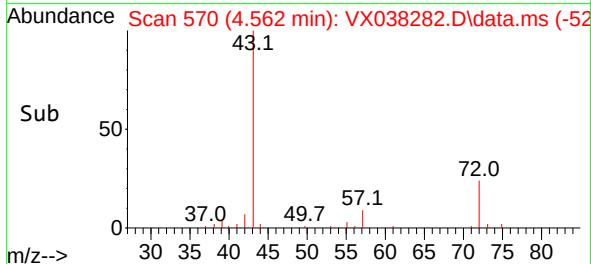
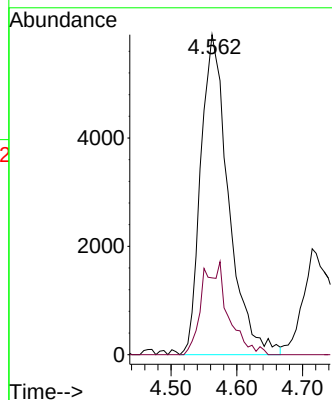
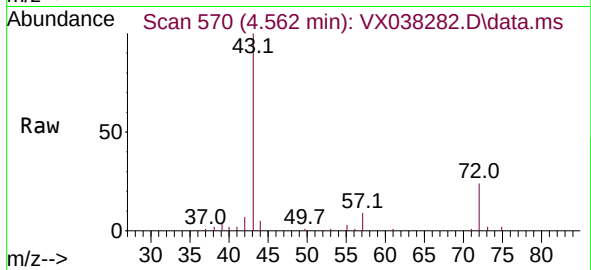
#25
2-Butanone
Concen: 13.476 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion: 43 Resp: 17374
Ion Ratio Lower Upper
43 100
72 24.0 19.4 29.2

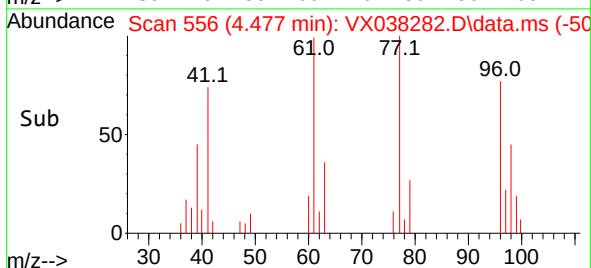
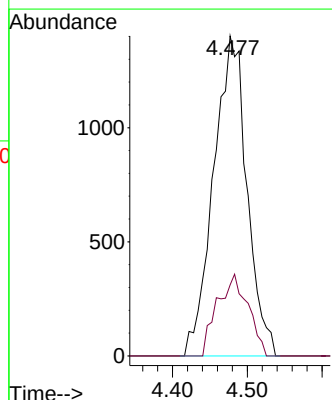
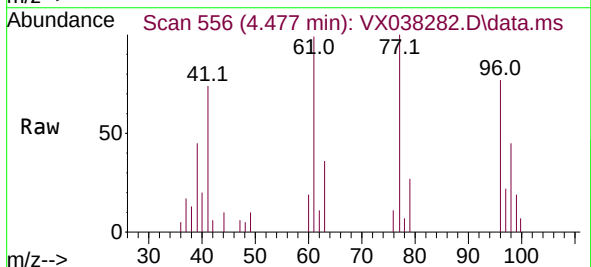
Manual Integrations
APPROVED

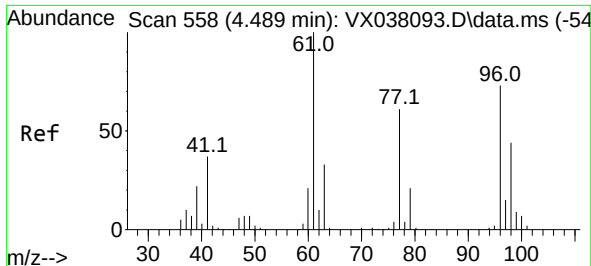
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#26
2,2-Dichloropropane
Concen: 2.251 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

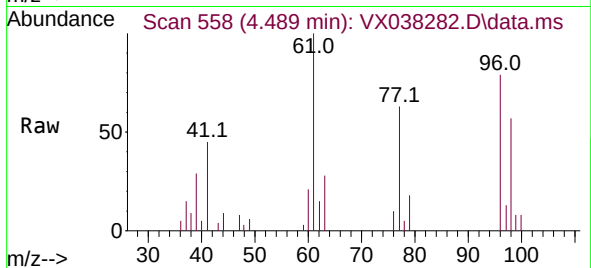
Tgt Ion: 77 Resp: 4355
Ion Ratio Lower Upper
77 100
97 23.5 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 2.670 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX038282.D
 Acq: 13 Oct 2023 13:48

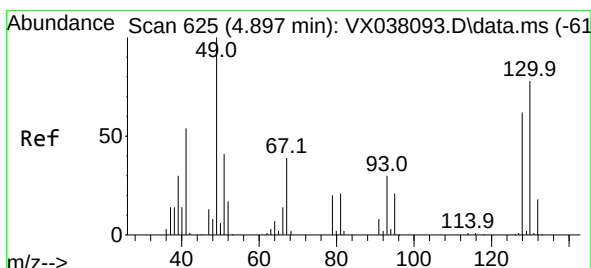
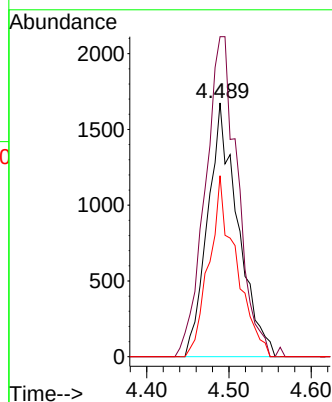
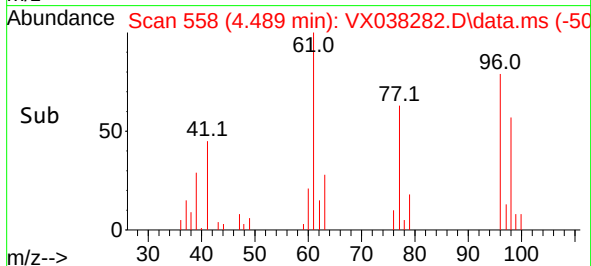
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2023



Tgt Ion: 96 Resp: 428
 Ion Ratio Lower Upper
 96 100
 61 134.9 0.0 312.2
 98 63.7 0.0 129.0

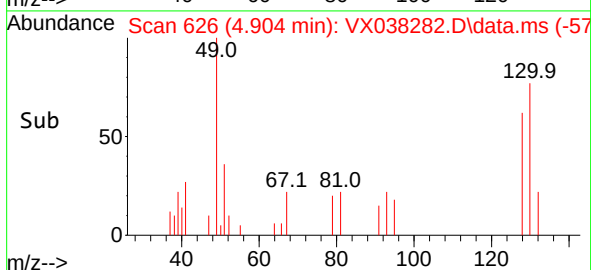
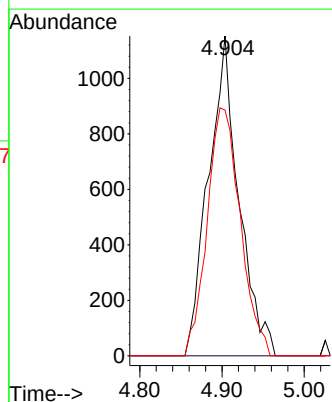
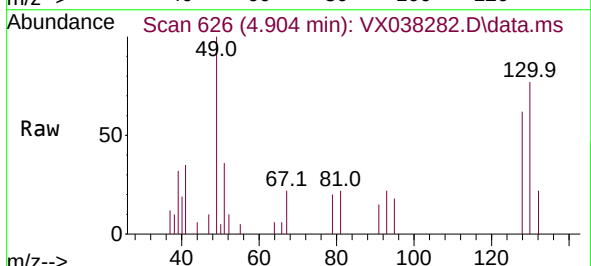
Manual Integrations
 APPROVED

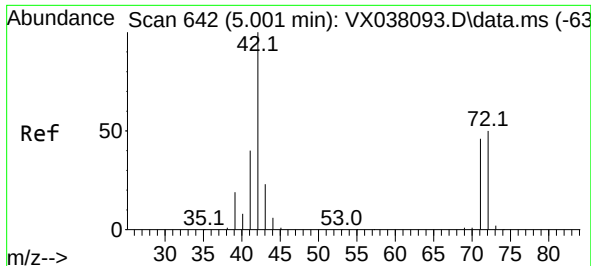
Reviewed By :Semsettin Yesilyurt 10/16/2023
 Supervised By :Mahesh Dadoda 10/16/2023



#28
 Bromochloromethane
 Concen: 2.650 ug/l
 RT: 4.904 min Scan# 626
 Delta R.T. 0.007 min
 Lab File: VX038282.D
 Acq: 13 Oct 2023 13:48

Tgt Ion: 49 Resp: 2964
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 84.3 57.5 86.3





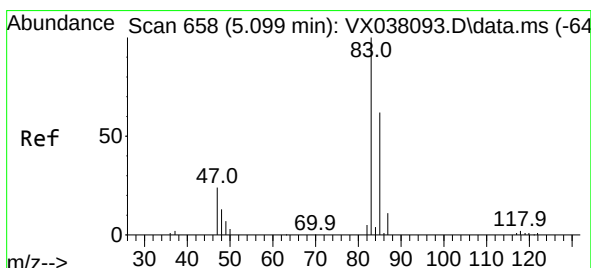
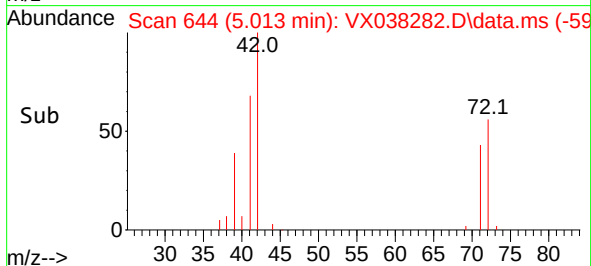
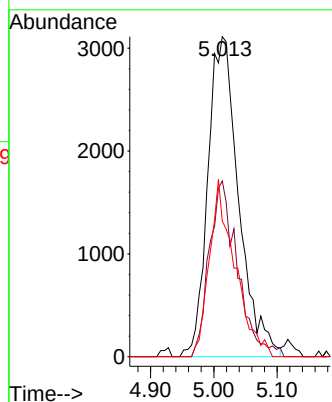
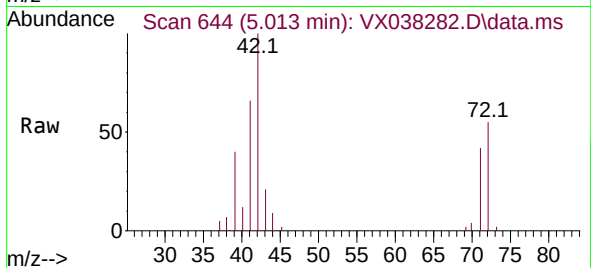
#29
Tetrahydrofuran
Concen: 12.574 ug/l
RT: 5.013 min Scan# 642
Delta R.T. 0.012 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion: 42 Resp: 1055
Ion Ratio Lower Upper
42 100
72 50.4 34.2 51.4
71 45.7 32.2 48.2

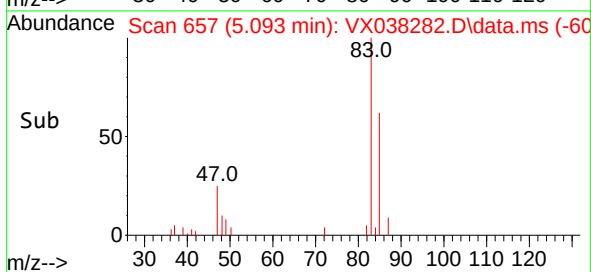
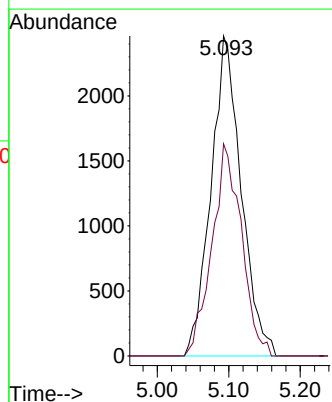
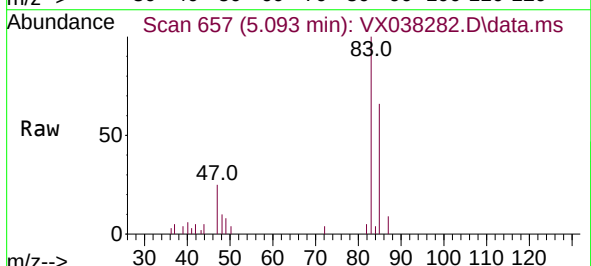
Manual Integrations
APPROVED

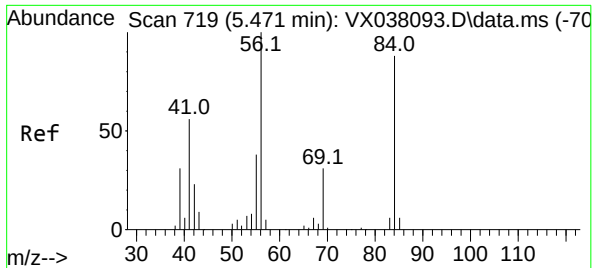
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#30
Chloroform
Concen: 2.663 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

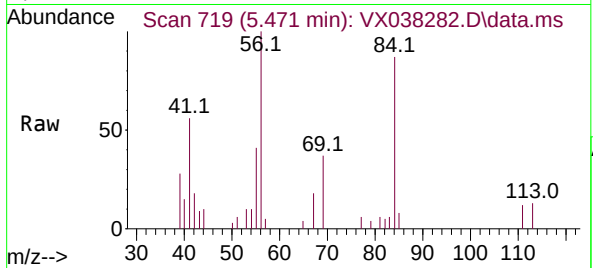
Tgt Ion: 83 Resp: 7215
Ion Ratio Lower Upper
83 100
85 66.3 50.3 75.5





#31
Cyclohexane
Concen: 2.423 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

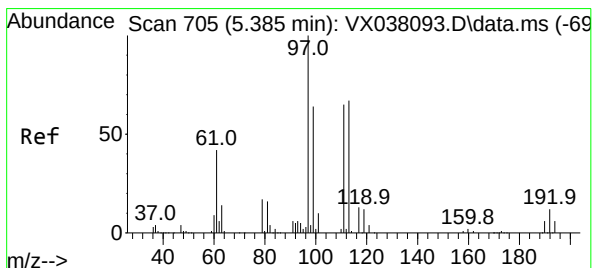
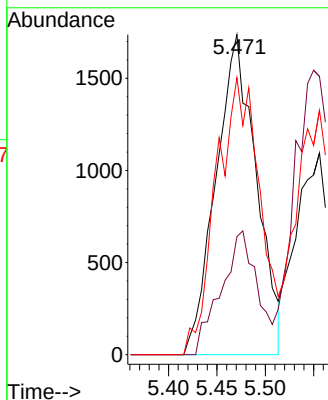
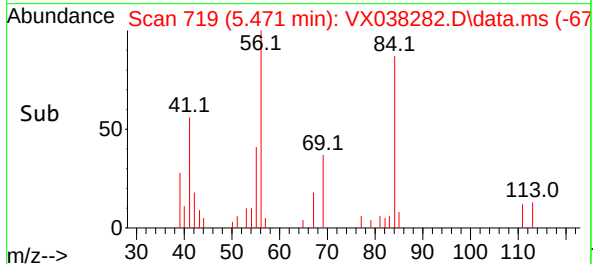
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2023



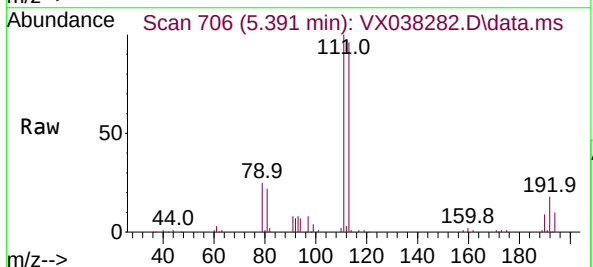
Tgt Ion: 56 Resp: 5020
Ion Ratio Lower Upper
56 100
69 36.8 23.4 35.2
84 86.5 65.9 98.9

Manual Integrations
APPROVED

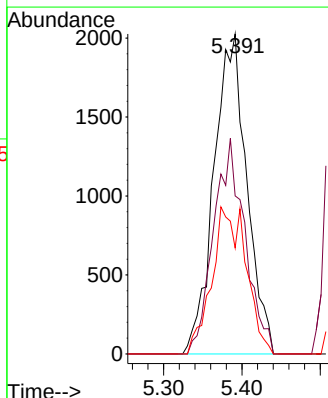
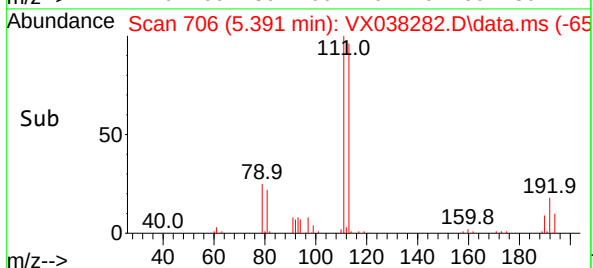
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

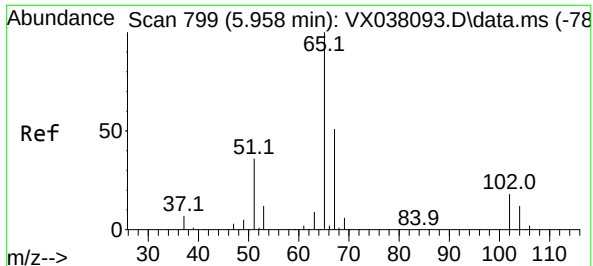


#32
1,1,1-Trichloroethane
Concen: 2.547 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48



Tgt Ion: 97 Resp: 5910
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 47.8 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 49.664 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

Tgt Ion: 65 Resp: 9508

Ion Ratio Lower Upper

65 100

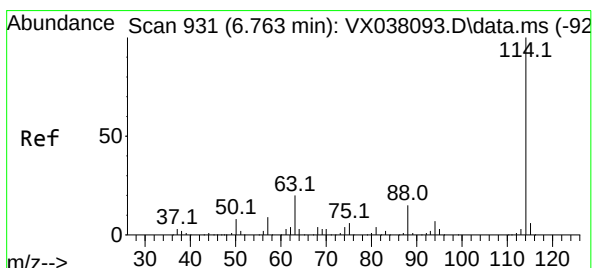
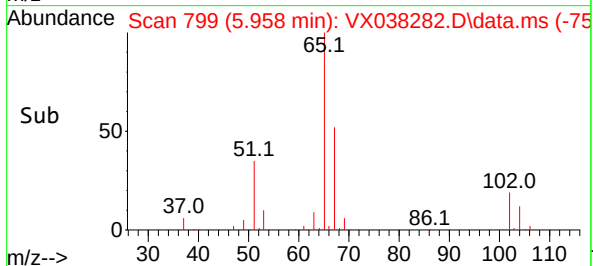
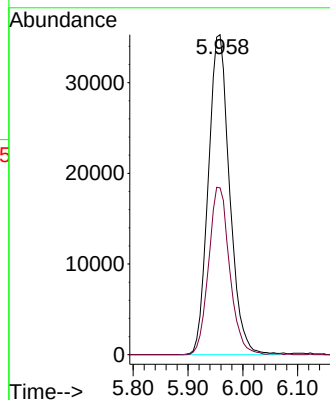
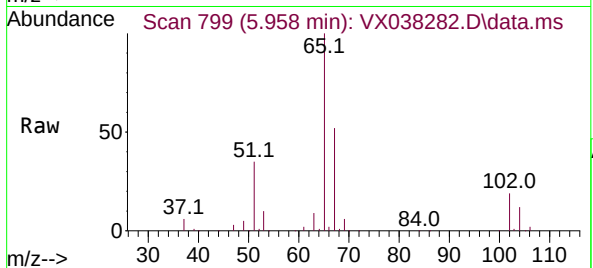
67 51.6 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023

Supervised By :Mahesh Dadoda 10/16/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

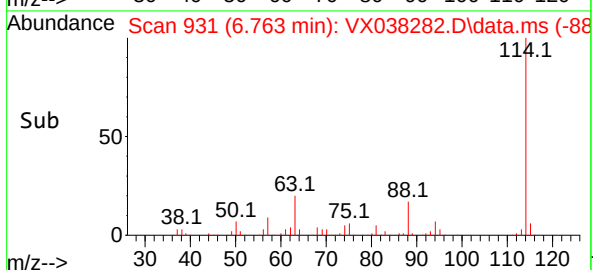
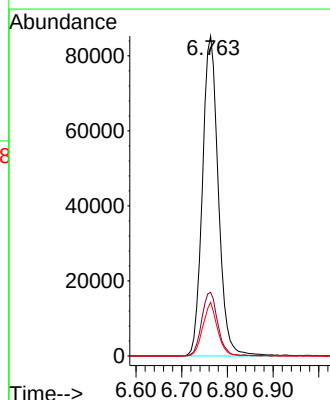
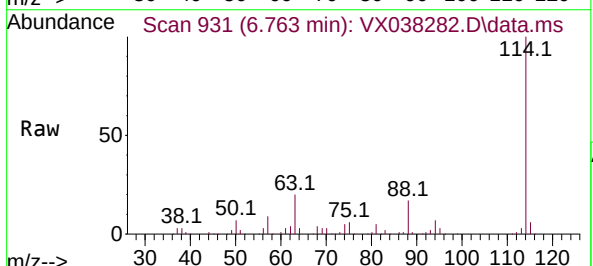
Tgt Ion:114 Resp: 206057

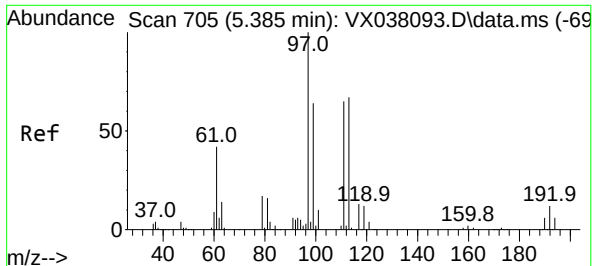
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

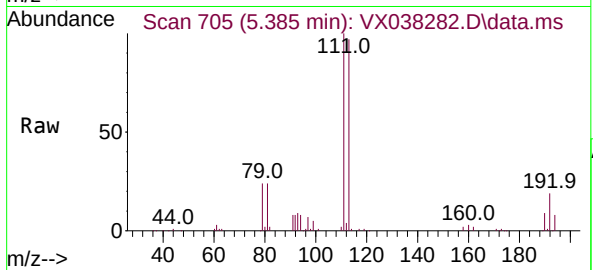
88 16.8 0.0 36.6





#35
Dibromofluoromethane
Concen: 49.408 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

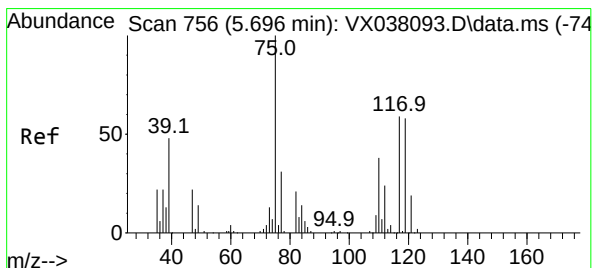
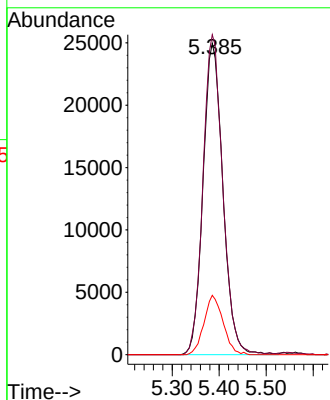
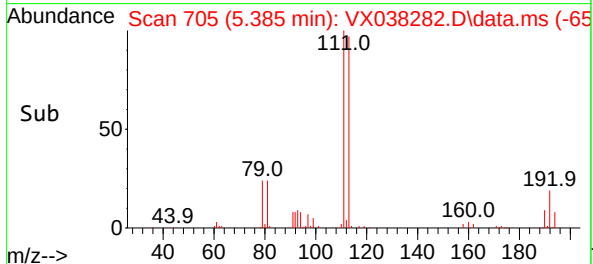
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 113 Resp: 73359
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 18.2 13.3 19.9

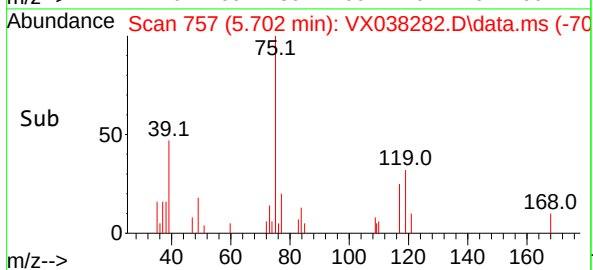
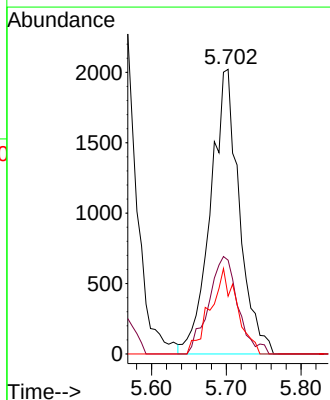
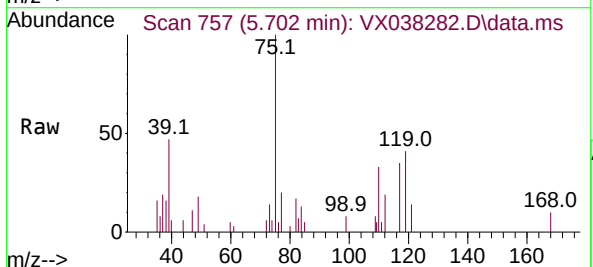
Manual Integrations
APPROVED

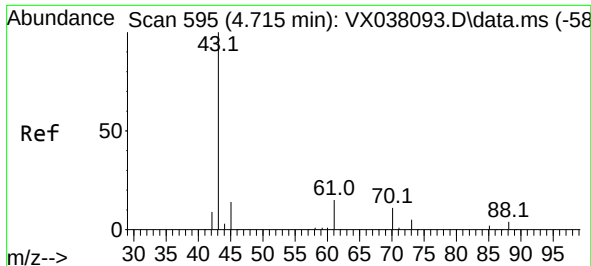
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#36
1,1-Dichloropropene
Concen: 2.639 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.012 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

Tgt Ion: 75 Resp: 5404
Ion Ratio Lower Upper
75 100
110 34.9 17.0 50.9
77 28.2 24.7 37.1





#37

Ethyl Acetate

Concen: 2.312 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Instrument :

MSVOA_X

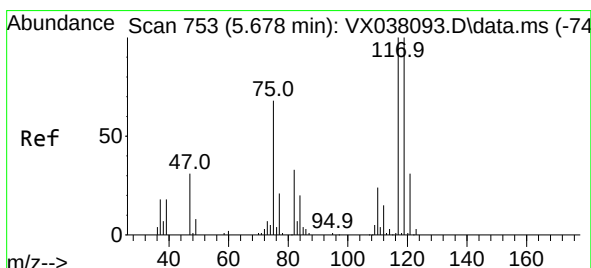
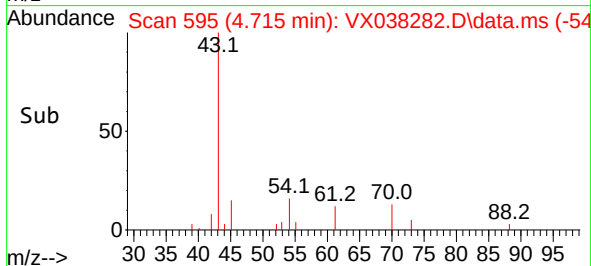
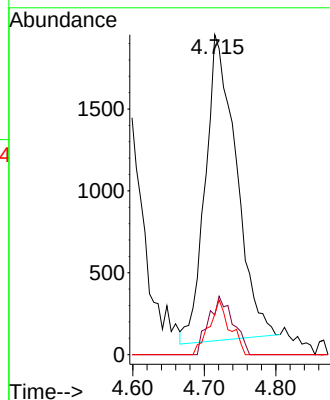
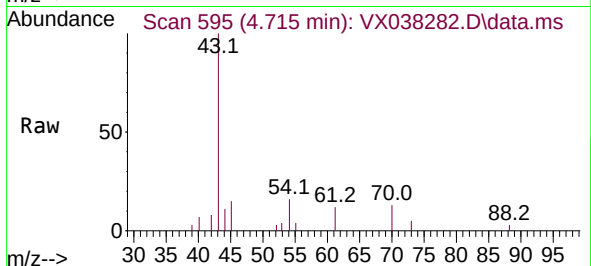
ClientSampleId :

MDL-WATER-03-QT4-2023

Tgt Ion:	43	Resp:	562
Ion	Ratio	Lower	Upper
43	100		
61	15.1	10.6	16.0
70	11.8	8.3	12.5

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#38

Carbon Tetrachloride

Concen: 2.494 ug/l

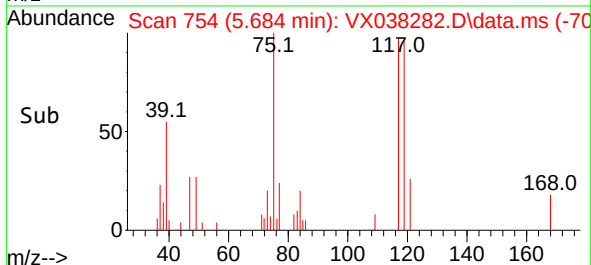
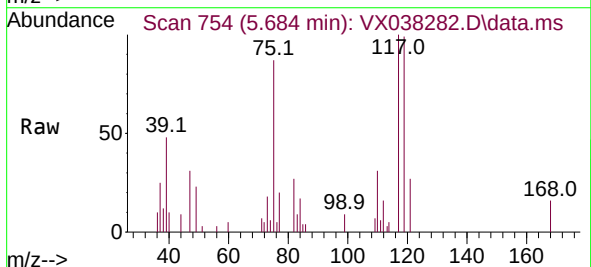
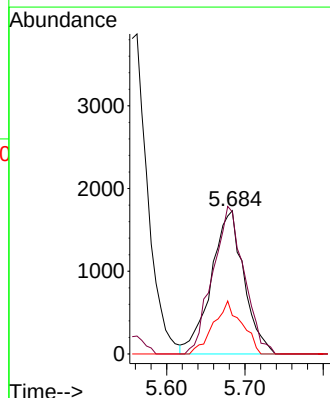
RT: 5.684 min Scan# 754

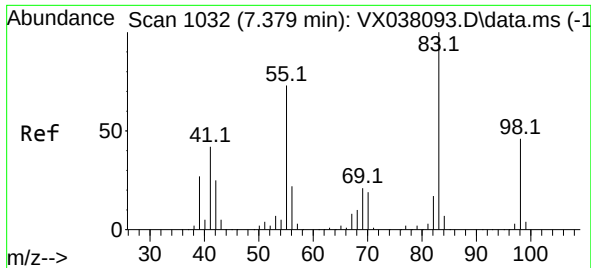
Delta R.T. 0.006 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Tgt Ion:	117	Resp:	5024
Ion	Ratio	Lower	Upper
117	100		
119	99.2	78.2	117.2
121	26.8	24.4	36.6





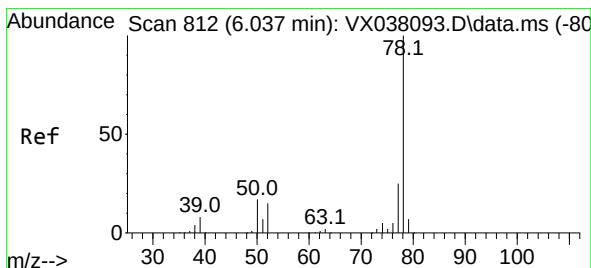
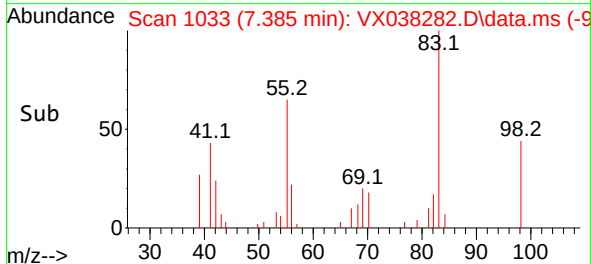
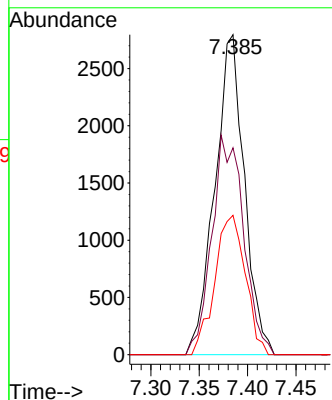
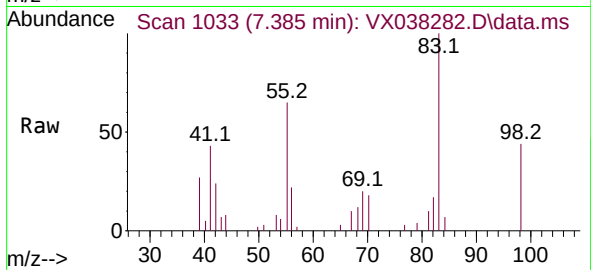
#39
Methylcyclohexane
Concen: 2.471 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion: 83 Resp: 5920
Ion Ratio Lower Upper
83 100
55 64.6 64.6 97.0
98 43.6 36.7 55.1

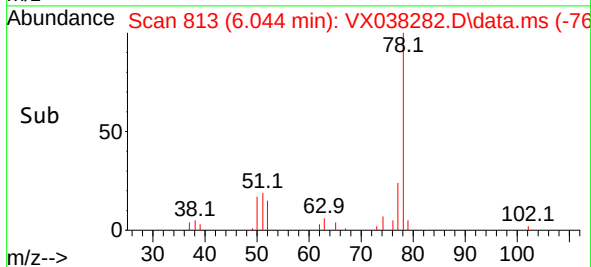
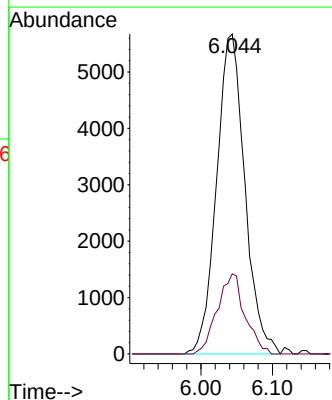
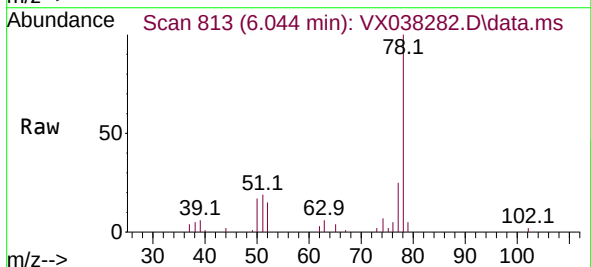
Manual Integrations
APPROVED

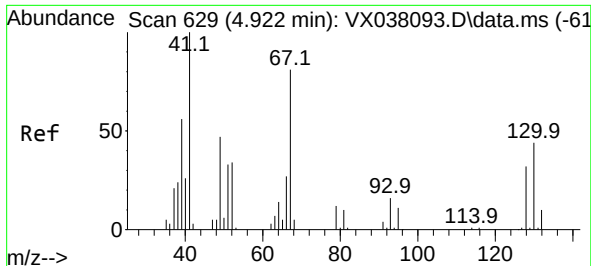
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#40
Benzene
Concen: 2.717 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

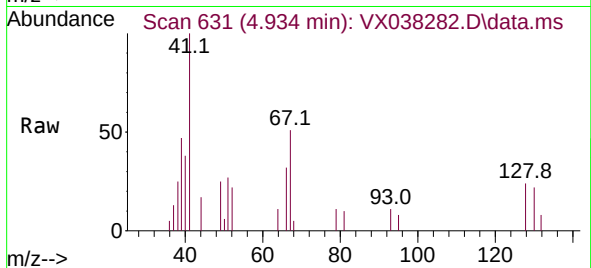
Tgt Ion: 78 Resp: 15560
Ion Ratio Lower Upper
78 100
77 25.0 19.3 28.9





#41
Methacrylonitrile
Concen: 2.341 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

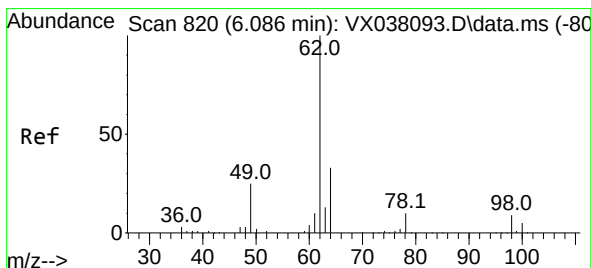
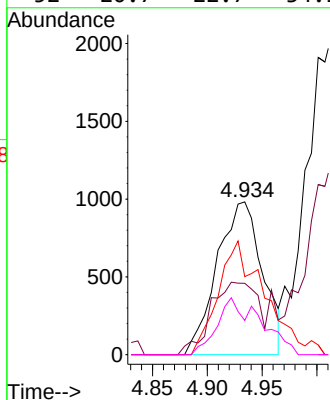
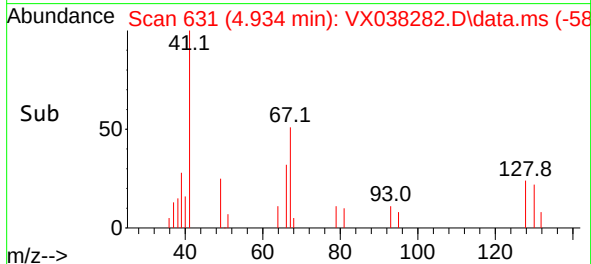
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 41 Resp: 283
Ion Ratio Lower Upper
41 100
39 49.3 45.2 67.8
67 77.3 52.6 78.8
52 20.7 22.7 34.1#

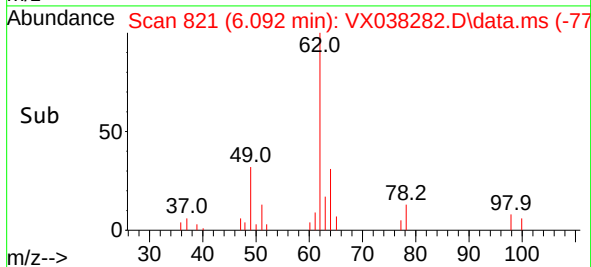
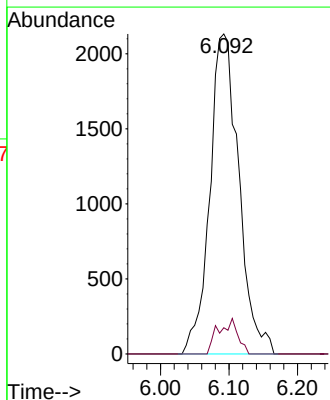
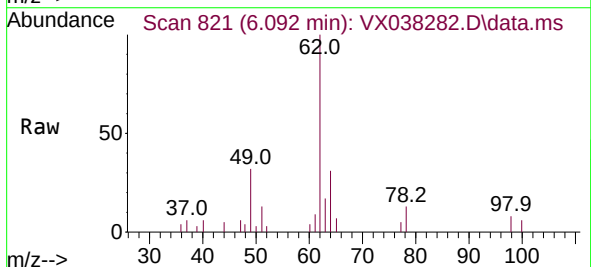
Manual Integrations
APPROVED

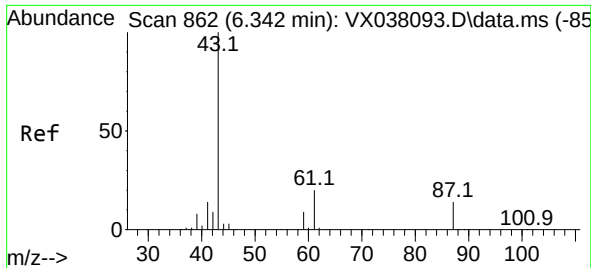
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#42
1,2-Dichloroethane
Concen: 2.743 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

Tgt Ion: 62 Resp: 6276
Ion Ratio Lower Upper
62 100
98 7.4 0.0 16.0





#43

Isopropyl Acetate

Concen: 2.360 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

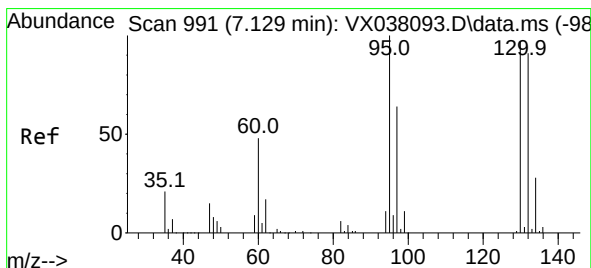
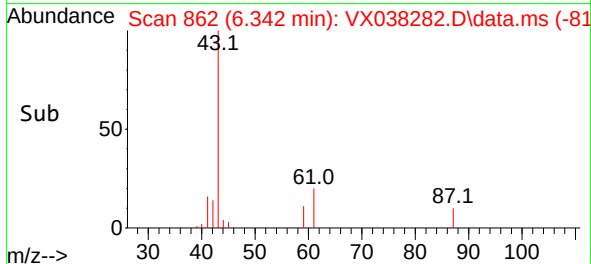
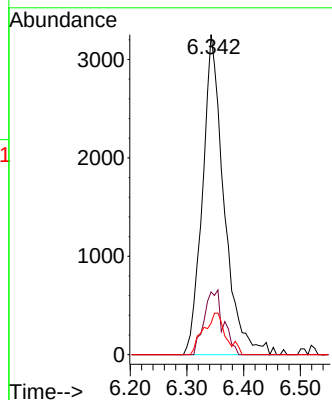
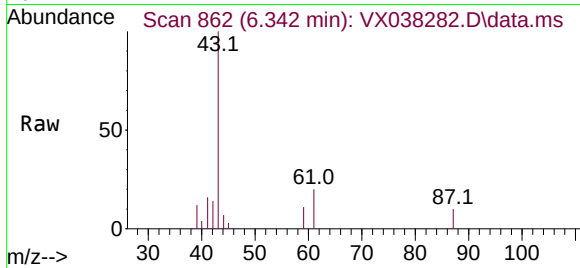
Tgt Ion: 43	Resp: 856
Ion Ratio	Lower Upper
43 100	
61 17.9	15.2 22.8
87 13.3	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023

Supervised By :Mahesh Dadoda 10/16/2023



#44

Trichloroethene

Concen: 2.624 ug/l

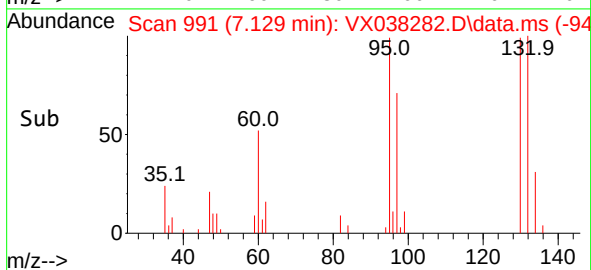
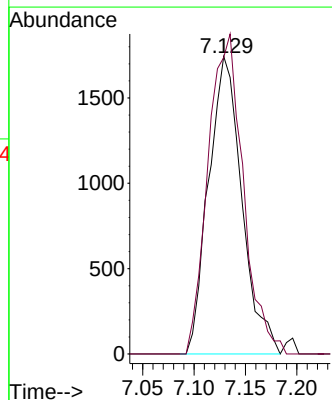
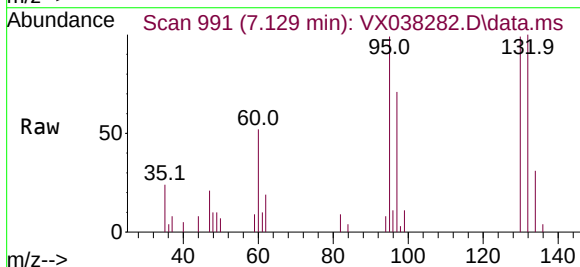
RT: 7.129 min Scan# 991

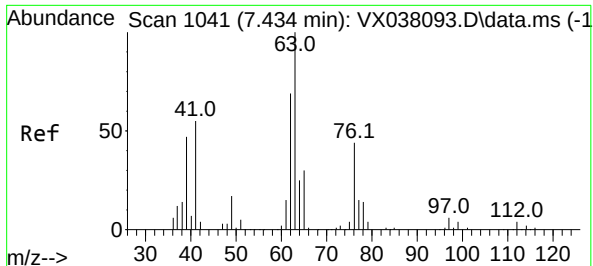
Delta R.T. -0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Tgt Ion:130	Resp: 3931
Ion Ratio	Lower Upper
130 100	
95 99.6	0.0 204.4





#45

1,2-Dichloropropane

Concen: 2.606 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Instrument :

MSVOA_X

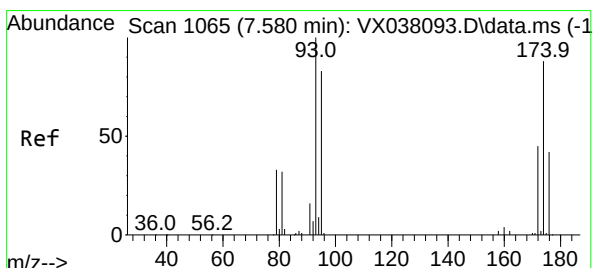
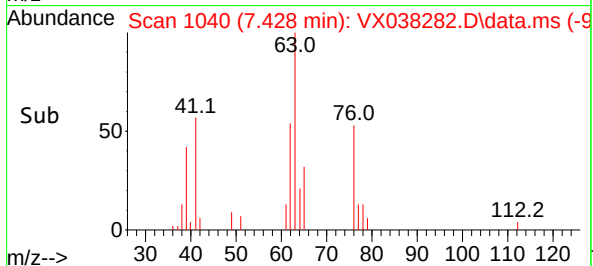
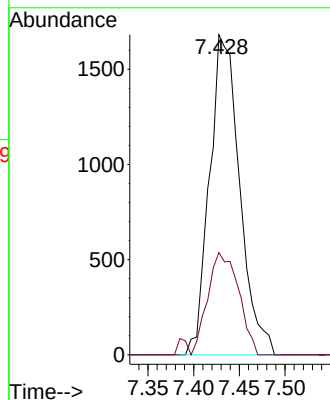
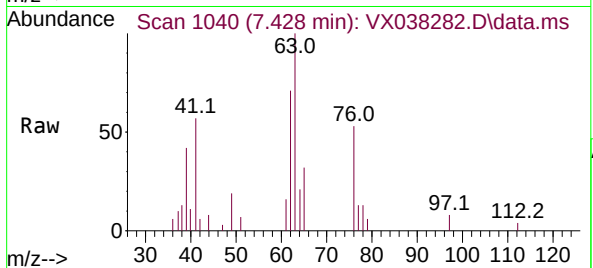
ClientSampleId :

MDL-WATER-03-QT4-2023

Tgt Ion: 63 Resp: 386
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.3 36.5

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023
 Supervised By :Mahesh Dadoda 10/16/2023



#46

Dibromomethane

Concen: 2.528 ug/l

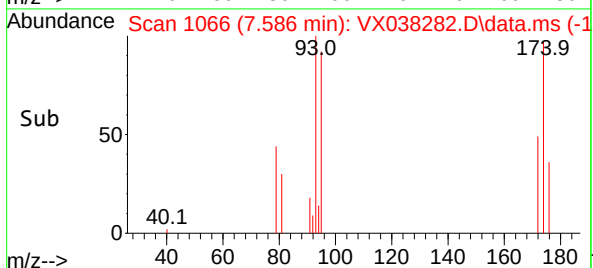
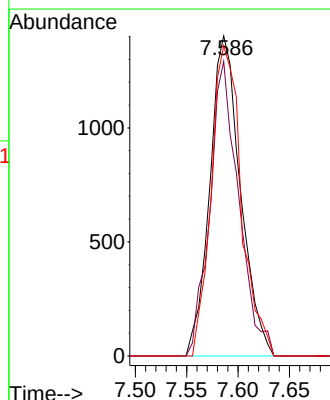
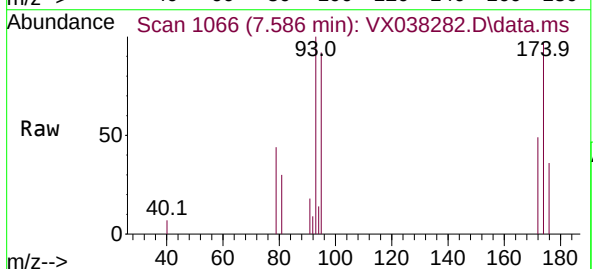
RT: 7.586 min Scan# 1066

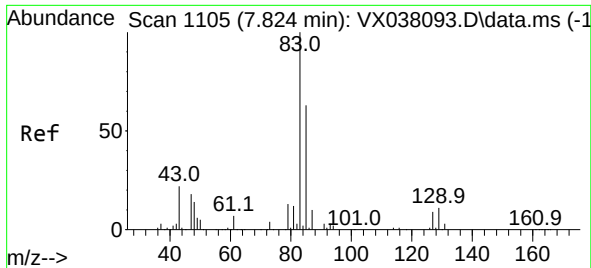
Delta R.T. 0.006 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

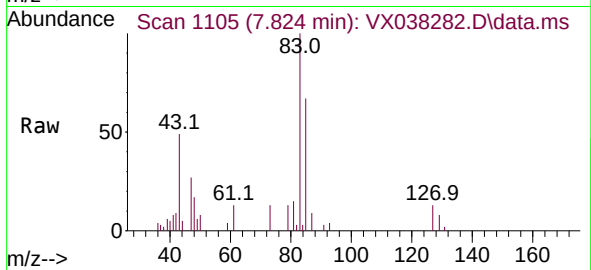
Tgt Ion: 93 Resp: 2906
 Ion Ratio Lower Upper
 93 100
 95 86.8 66.6 100.0
 174 95.5 69.4 104.0





#47
Bromodichloromethane
Concen: 2.444 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

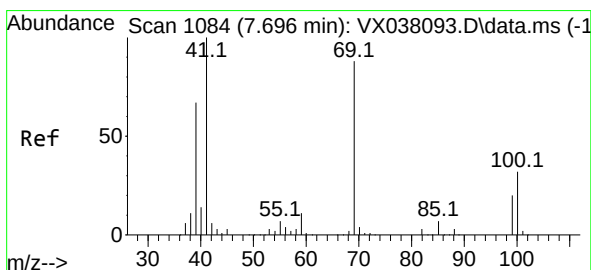
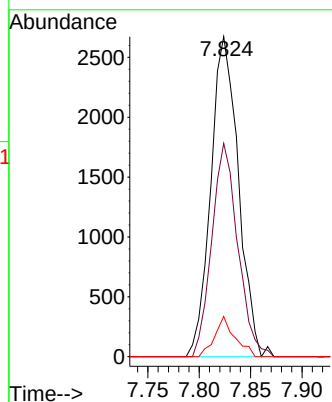
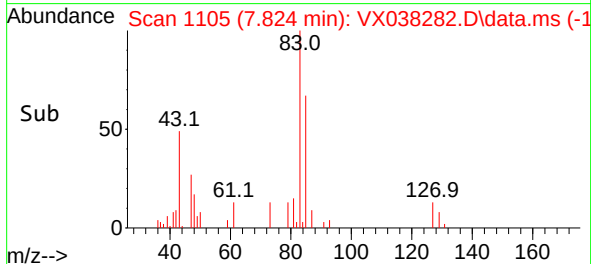
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2023



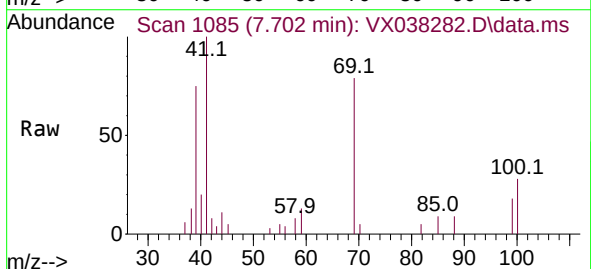
Tgt Ion: 83	Resp: 499
Ion Ratio	Lower Upper
83 100	
85 66.6	49.8 74.6
127 12.6	7.1 10.7

Manual Integrations
APPROVED

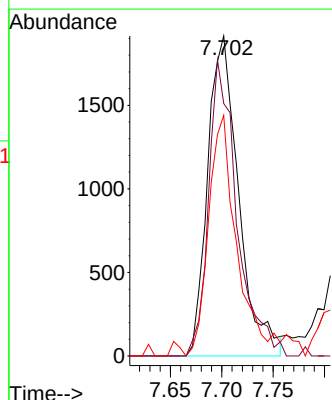
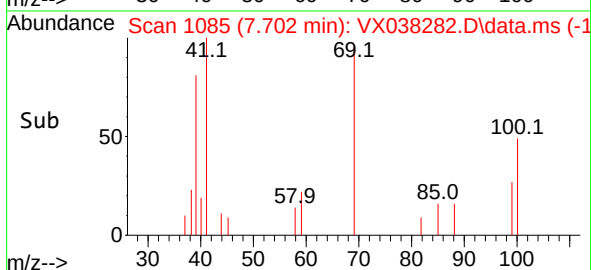
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

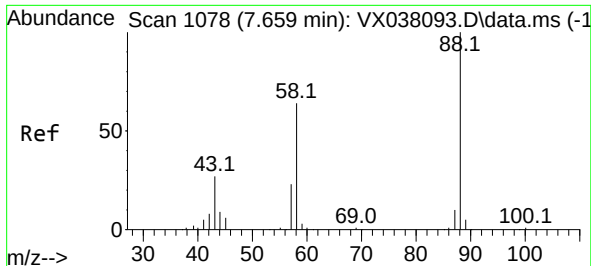


#48
Methyl methacrylate
Concen: 2.316 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.012 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48



Tgt Ion: 41	Resp: 4014
Ion Ratio	Lower Upper
41 100	
69 84.6	59.2 88.8
39 66.7	47.7 71.5





#49

1,4-Dioxane

Concen: 51.542 ug/l

RT: 7.659 min Scan# 110

Delta R.T. 0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

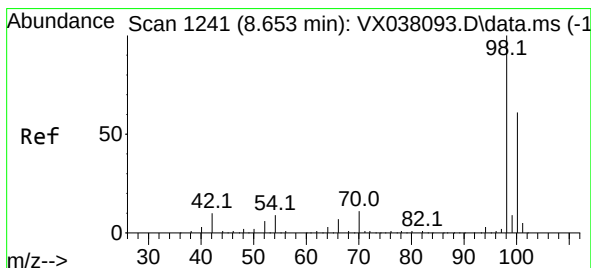
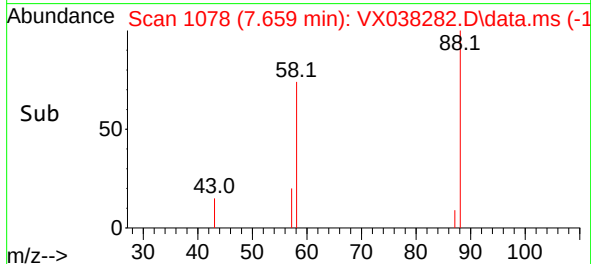
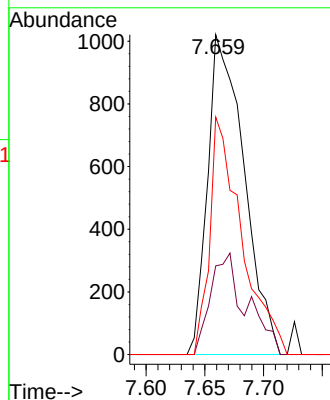
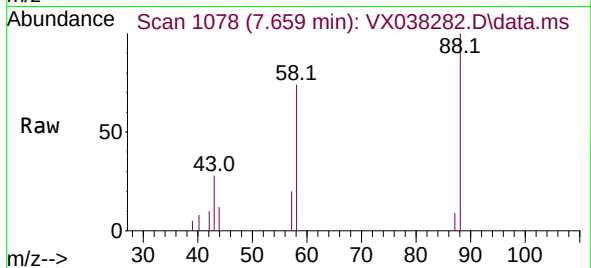
MDL-WATER-03-QT4-2023

Tgt Ion: 88 Resp: 220
 Ion Ratio Lower Upper
 88 100
 43 31.1 0.0 0.0
 58 65.0 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023
 Supervised By :Mahesh Dadoda 10/16/2023



#50

Toluene-d8

Concen: 49.012 ug/l

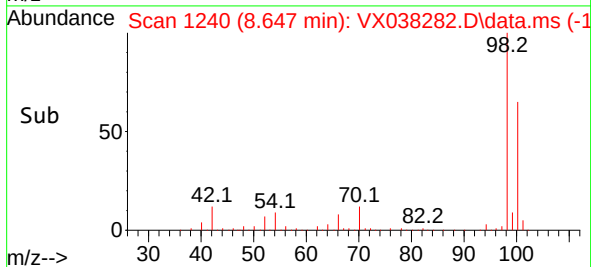
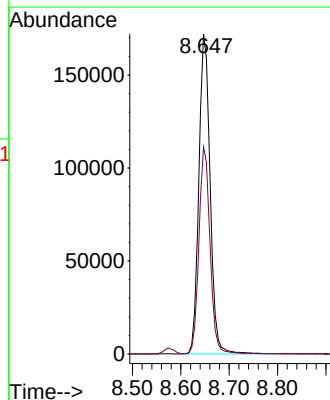
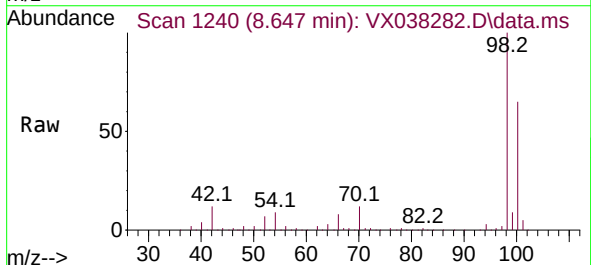
RT: 8.647 min Scan# 1240

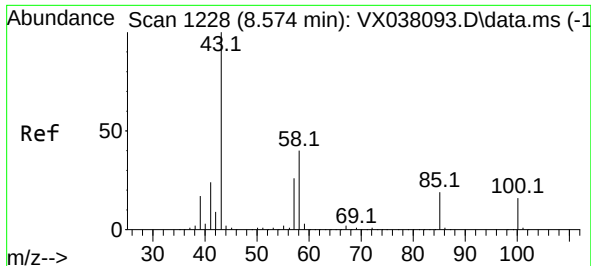
Delta R.T. -0.006 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

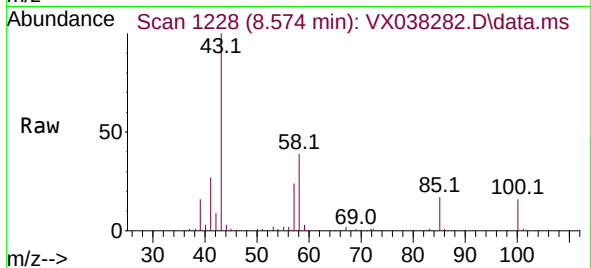
Tgt Ion: 98 Resp: 278076
 Ion Ratio Lower Upper
 98 100
 100 63.7 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 12.236 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

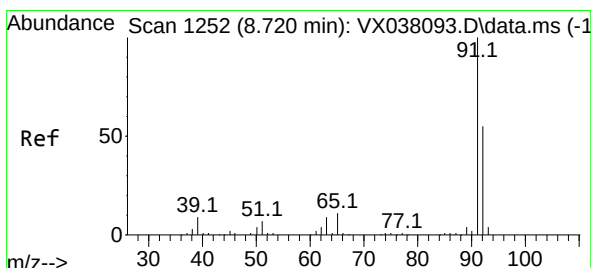
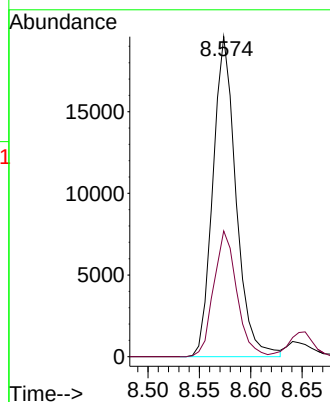
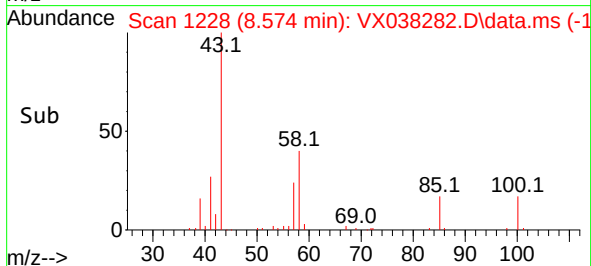
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2023



Tgt Ion: 43 Resp: 30638
Ion Ratio Lower Upper
43 100
58 39.2 30.4 45.6

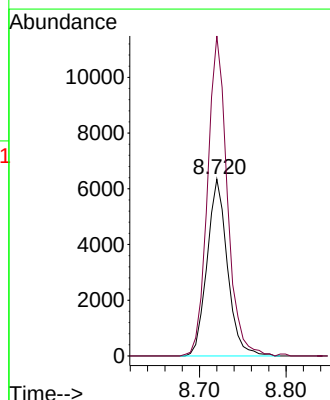
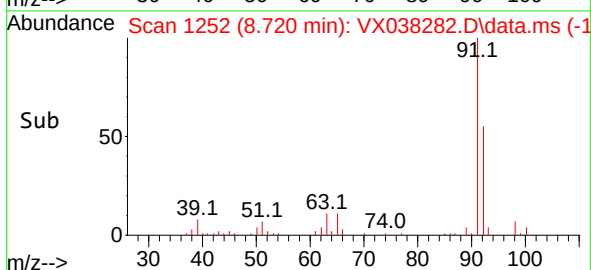
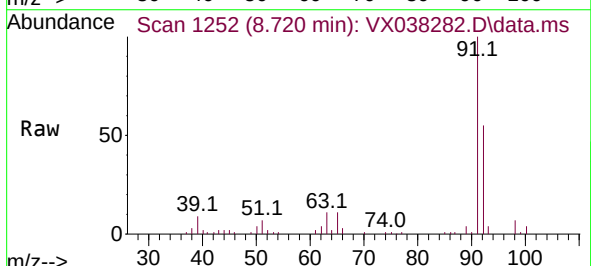
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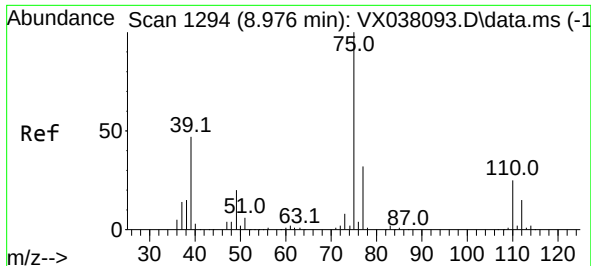
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#52
Toluene
Concen: 2.783 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

Tgt Ion: 92 Resp: 10380
Ion Ratio Lower Upper
92 100
91 175.2 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 1.985 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

Tgt Ion: 75 Resp: 435

Ion Ratio Lower Upper

75 100

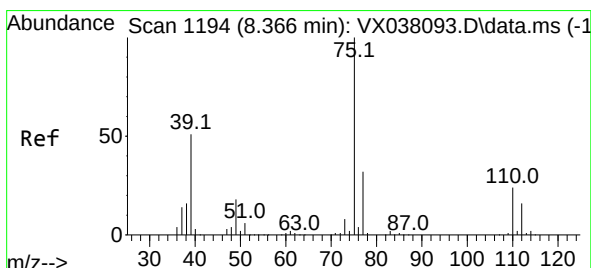
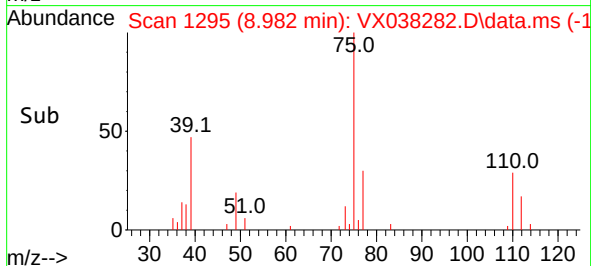
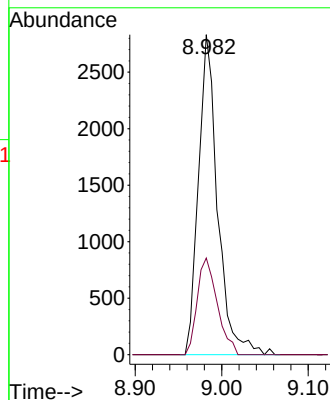
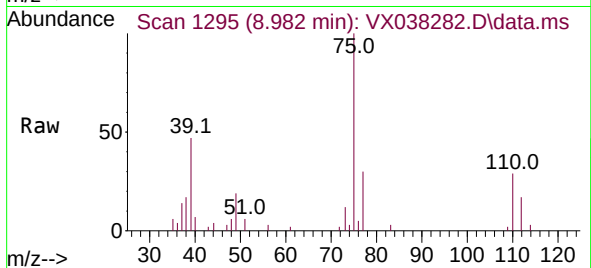
77 30.2 25.7 38.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/16/2023

Supervised By :Mahesh Dadoda 10/16/2023



#54

cis-1,3-Dichloropropene

Concen: 2.146 ug/l

RT: 8.373 min Scan# 1195

Delta R.T. 0.007 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

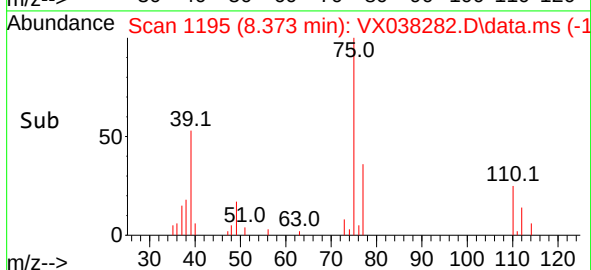
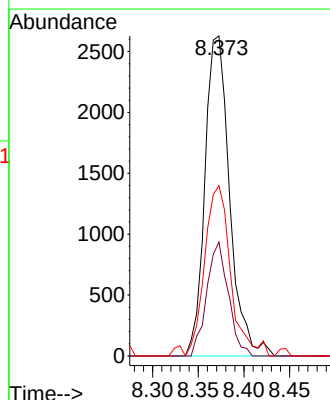
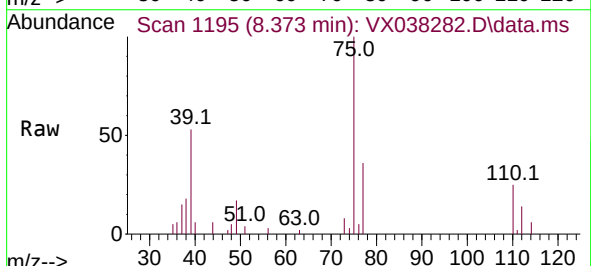
Tgt Ion: 75 Resp: 4950

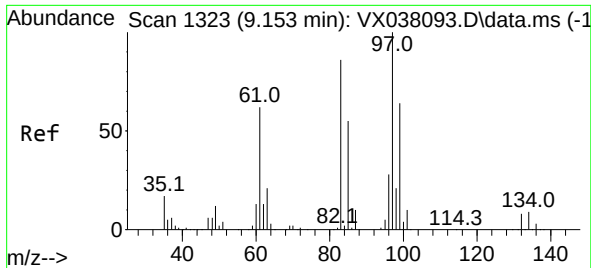
Ion Ratio Lower Upper

75 100

77 35.6 25.3 37.9

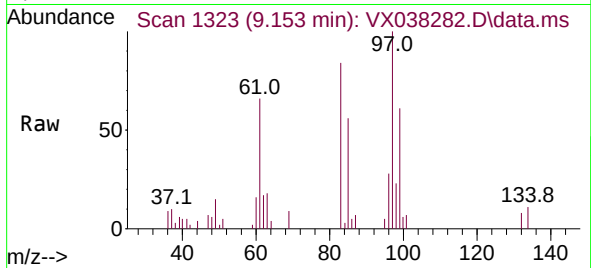
39 51.2 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 2.626 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

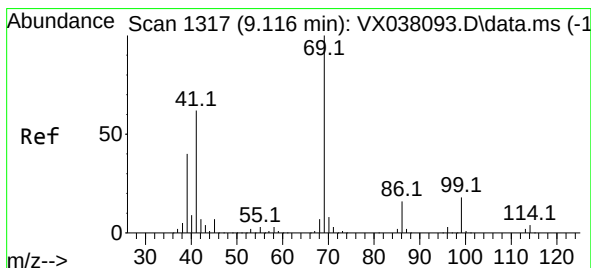
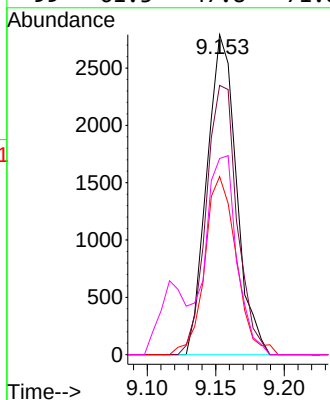
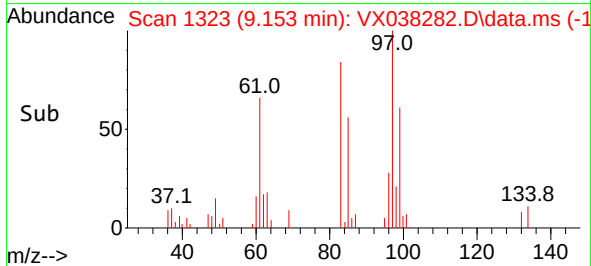
Instrument : MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



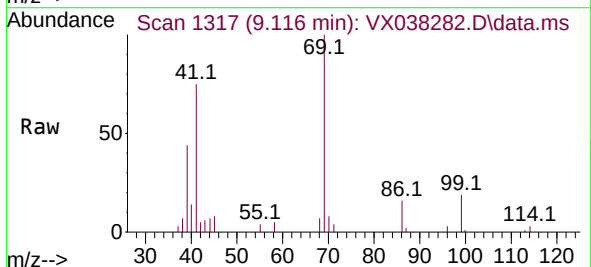
Tgt Ion: 97 Resp: 4190
Ion Ratio Lower Upper
97 100
83 84.1 65.8 98.8
85 55.6 41.6 62.4
99 61.3 47.8 71.8

Manual Integrations
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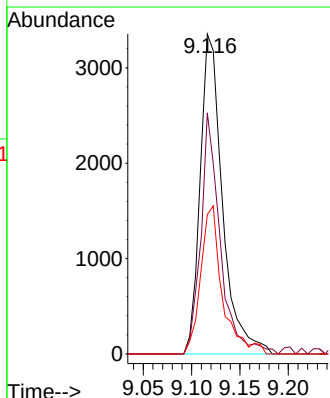
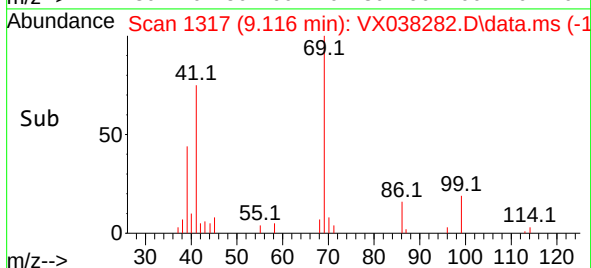
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

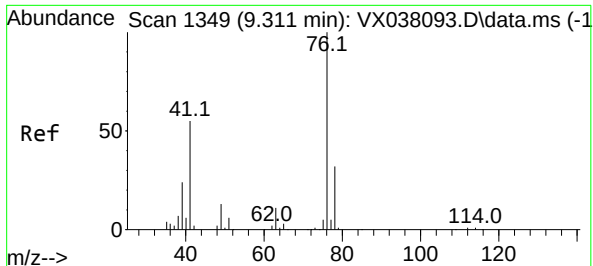


#56
Ethyl methacrylate
Concen: 2.201 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48



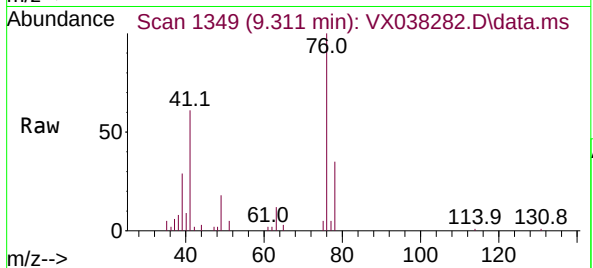
Tgt Ion: 69 Resp: 5385
Ion Ratio Lower Upper
69 100
41 65.4 56.8 85.2
39 44.9 32.0 48.0





#57
1,3-Dichloropropane
Concen: 2.662 ug/l
RT: 9.311 min Scan# 11349
Delta R.T. 0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

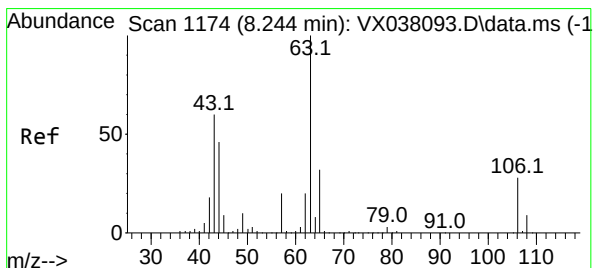
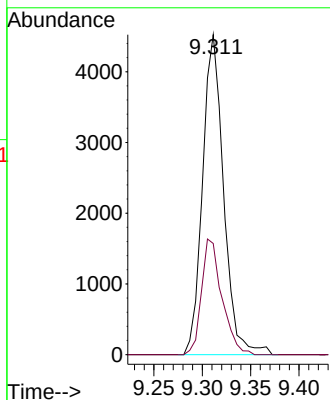
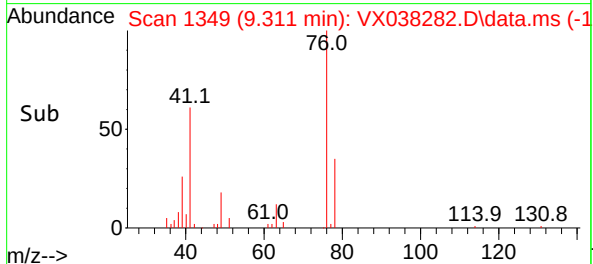
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 76 Resp: 6870
Ion Ratio Lower Upper
76 100
78 35.0 26.1 39.1

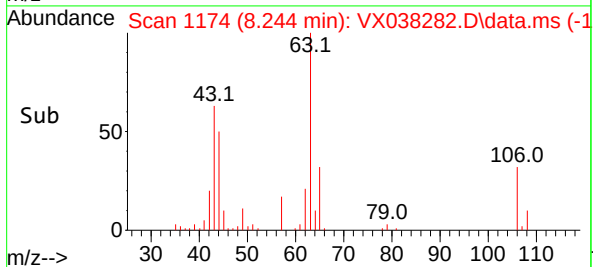
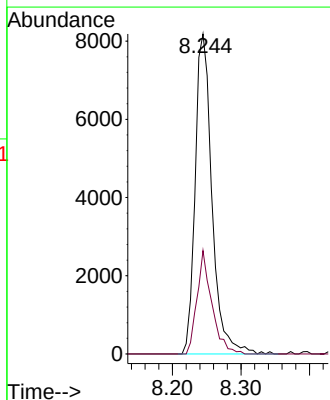
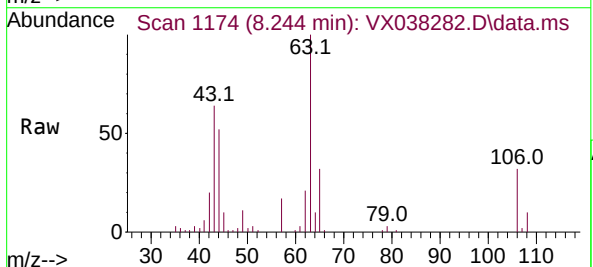
Manual Integrations
APPROVED

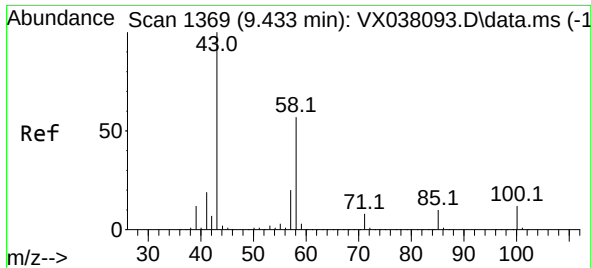
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#58
2-Chloroethyl Vinyl ether
Concen: 11.650 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

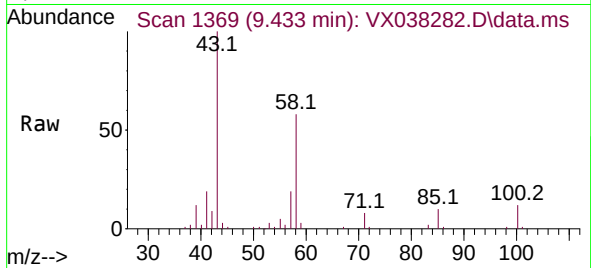
Tgt Ion: 63 Resp: 13990
Ion Ratio Lower Upper
63 100
106 28.6 22.5 33.7





#59
2-Hexanone
Concen: 12.243 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

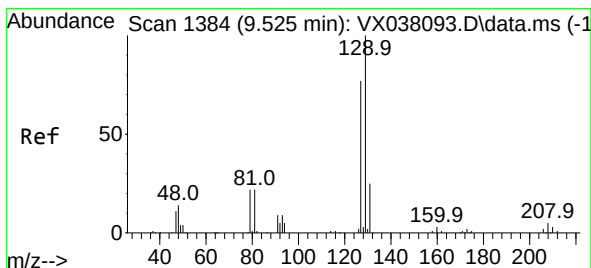
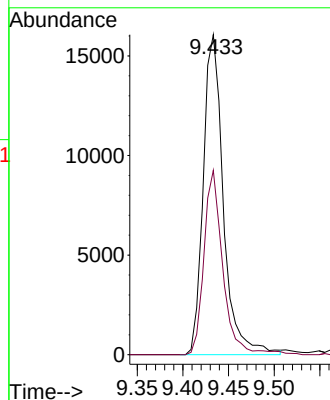
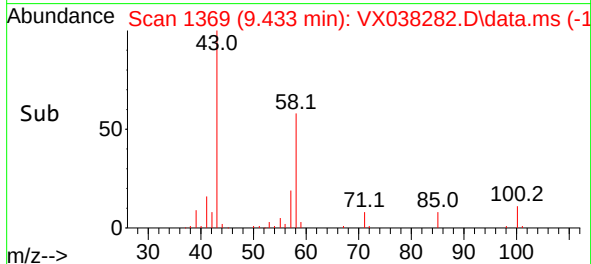
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 43 Resp: 2464
Ion Ratio Lower Upper
43 100
58 54.1 26.2 78.5

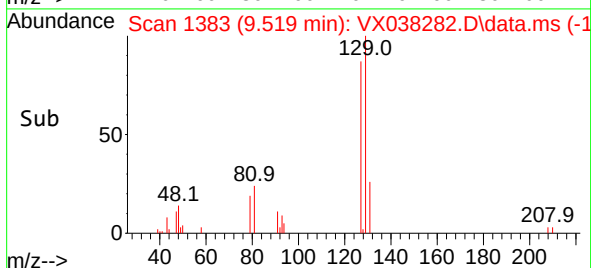
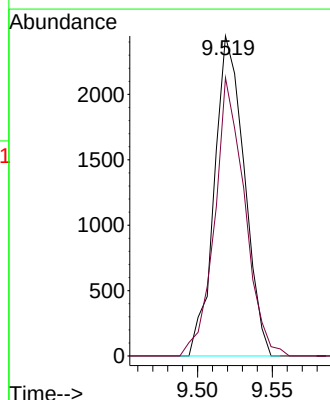
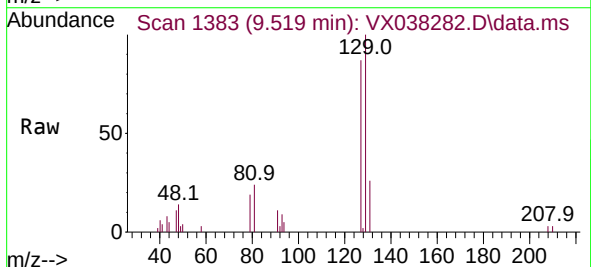
Manual Integrations
APPROVED

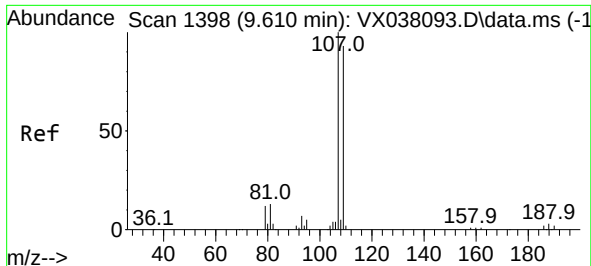
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#60
Dibromochloromethane
Concen: 2.179 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

Tgt Ion:129 Resp: 3403
Ion Ratio Lower Upper
129 100
127 86.8 38.8 116.4





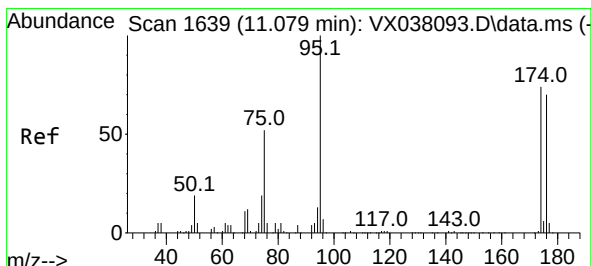
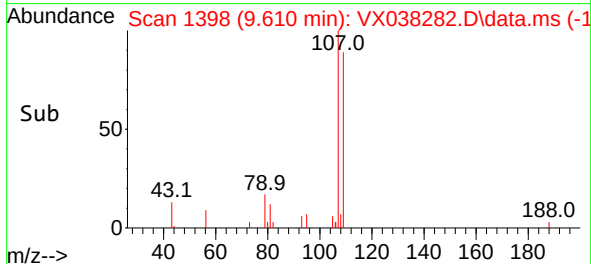
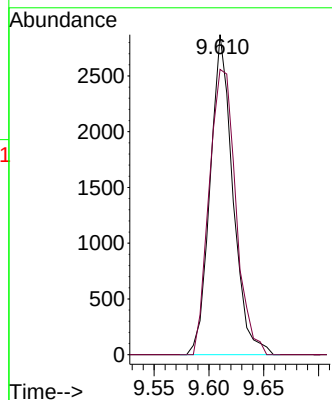
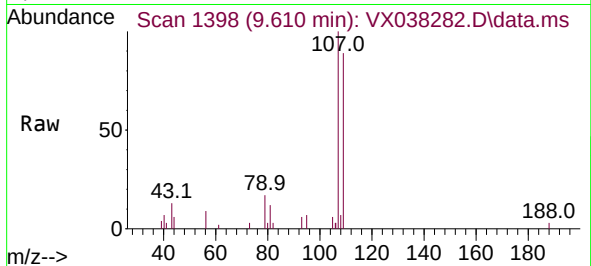
#61
1,2-Dibromoethane
Concen: 2.397 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2023

Tgt Ion:107 Resp: 4130
Ion Ratio Lower Upper
107 100
109 104.4 75.2 112.8

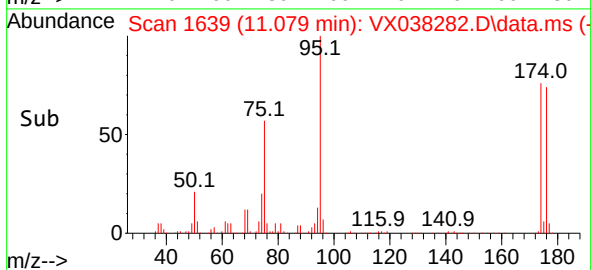
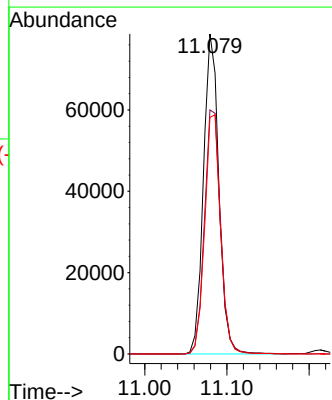
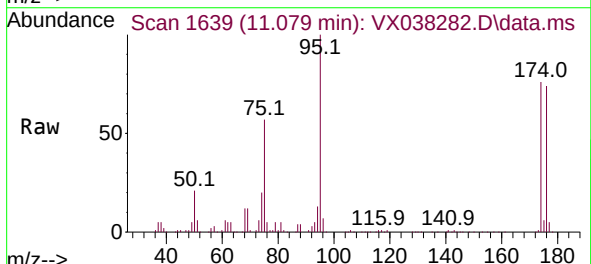
Manual Integrations
APPROVED

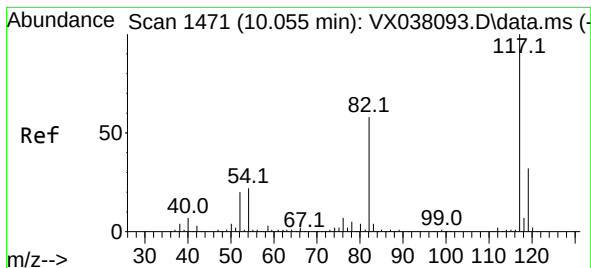
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#62
4-Bromofluorobenzene
Concen: 47.522 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

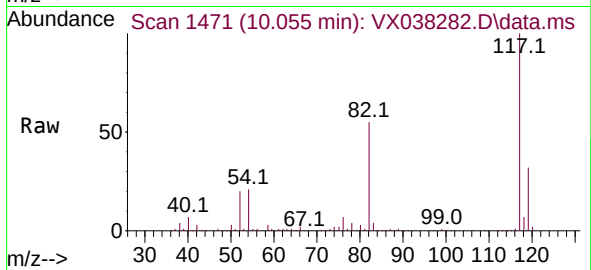
Tgt Ion: 95 Resp: 102218
Ion Ratio Lower Upper
95 100
174 80.1 0.0 135.6
176 77.1 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

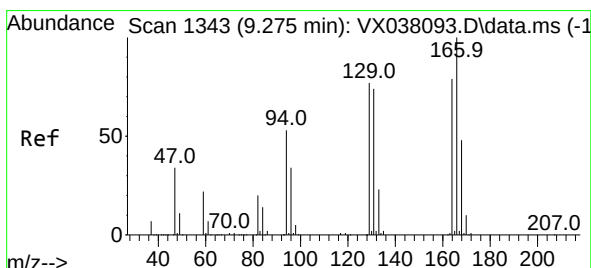
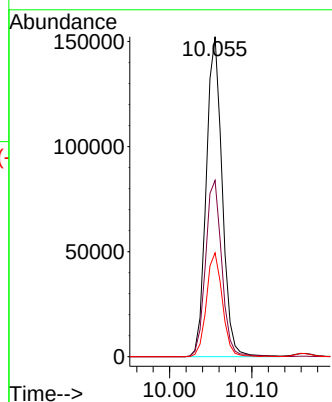
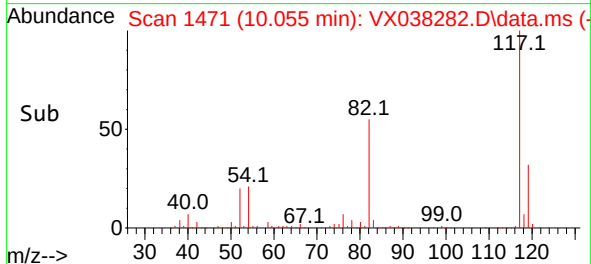
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2023



Tgt Ion:117 Resp: 205149
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 32.4 25.5 38.3

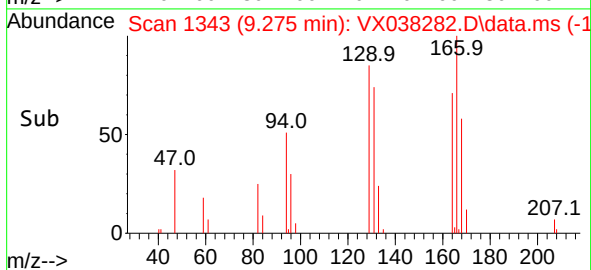
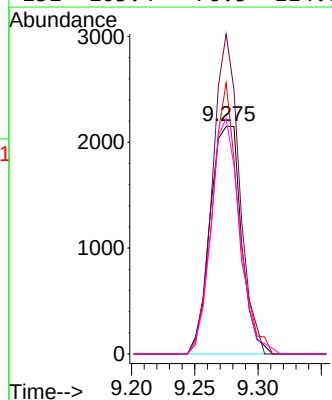
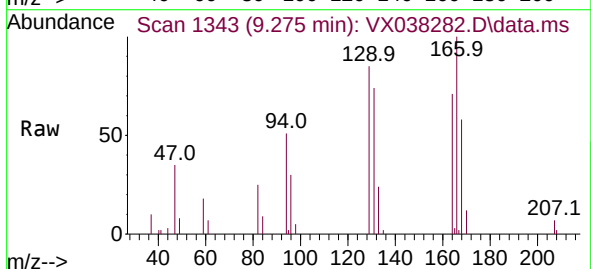
Manual Integrations
APPROVED

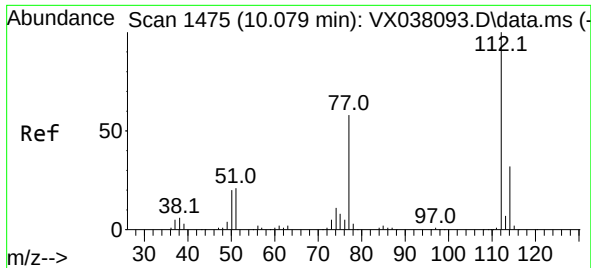
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#64
Tetrachloroethene
Concen: 2.763 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

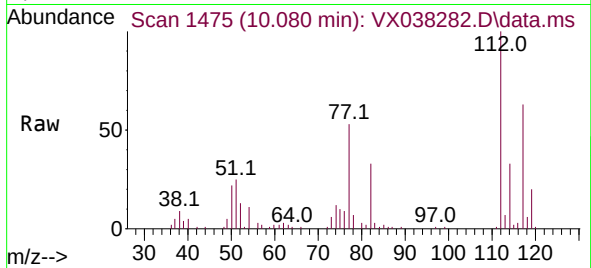
Tgt Ion:164 Resp: 3670
Ion Ratio Lower Upper
164 100
166 140.6 102.7 154.1
129 119.2 80.4 120.6
131 103.4 76.5 114.7





#65
Chlorobenzene
Concen: 2.632 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

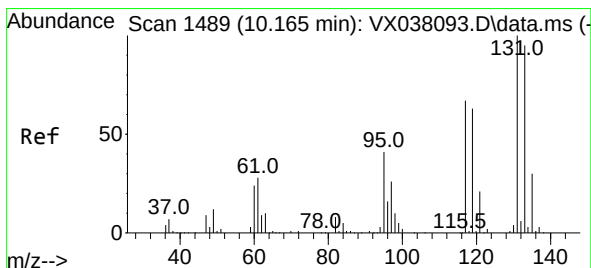
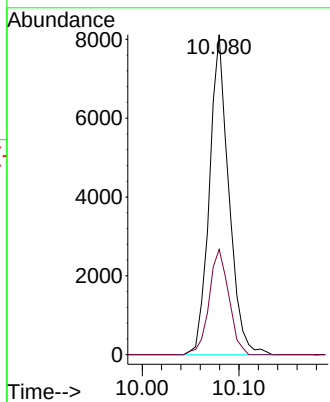
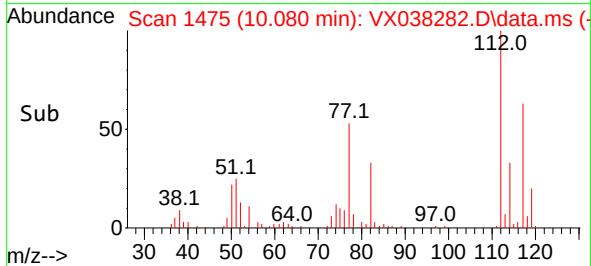
Instrument : MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:112 Resp: 11298
Ion Ratio Lower Upper
112 100
114 32.9 25.7 38.5

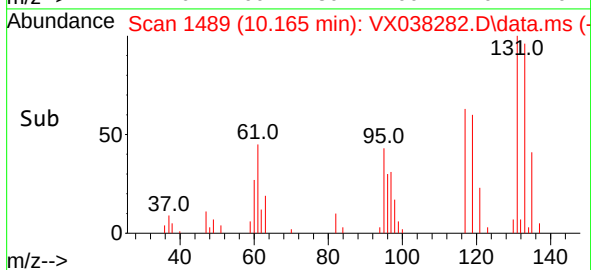
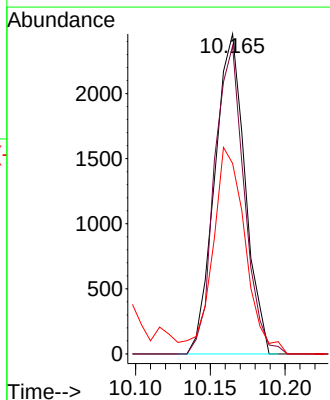
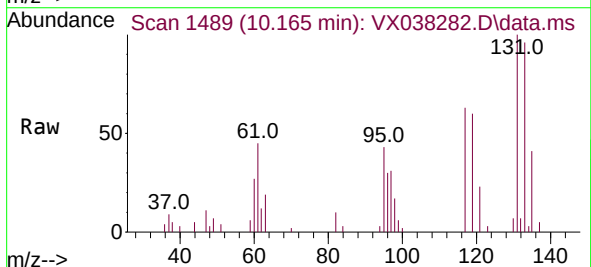
Manual Integrations
APPROVED

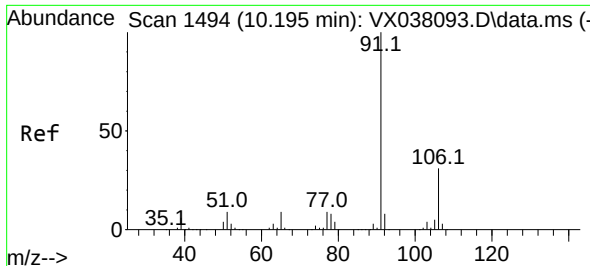
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 2.386 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

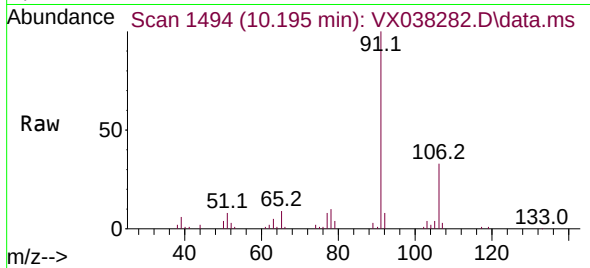
Tgt Ion:131 Resp: 3464
Ion Ratio Lower Upper
131 100
133 94.5 47.1 141.4
119 69.1 32.2 96.6





#67
Ethyl Benzene
Concen: 2.438 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

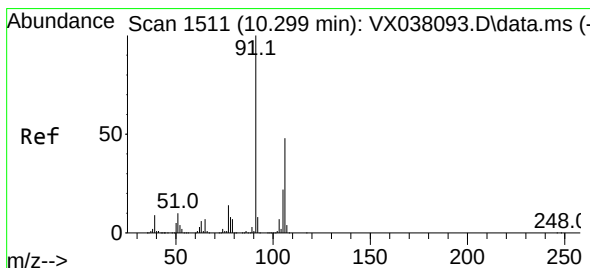
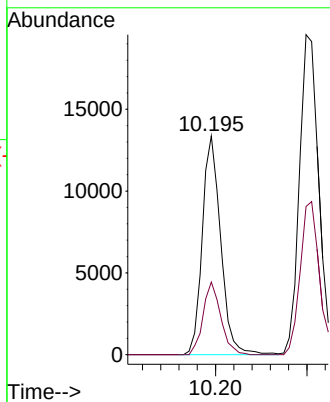
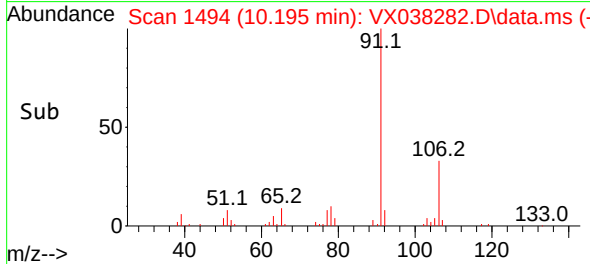
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2023



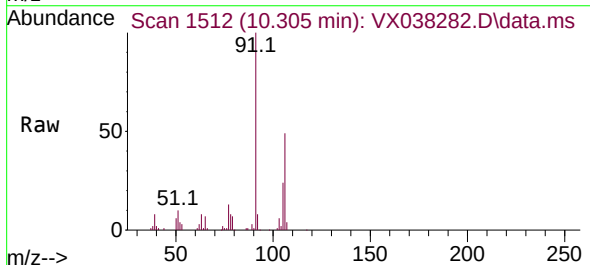
Tgt Ion: 91 Resp: 1868
Ion Ratio Lower Upper
91 100
106 33.2 24.9 37.3

Manual Integrations
APPROVED

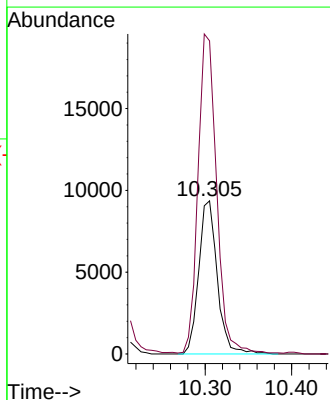
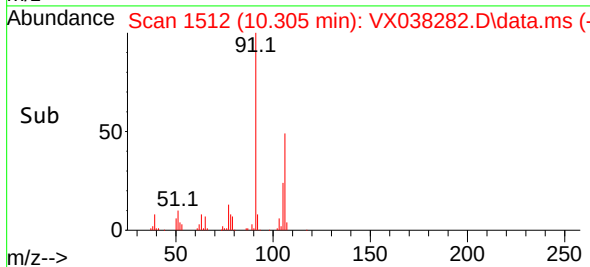
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

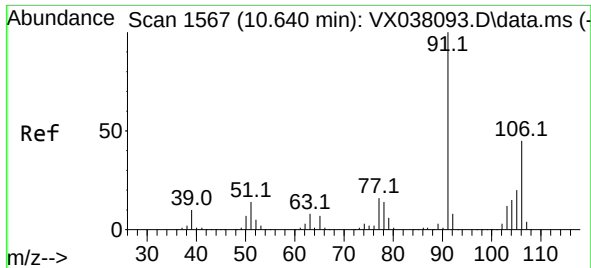


#68
m/p-Xylenes
Concen: 4.709 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48



Tgt Ion:106 Resp: 13952
Ion Ratio Lower Upper
106 100
91 207.6 165.5 248.3





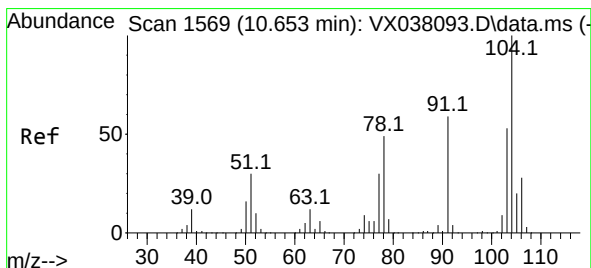
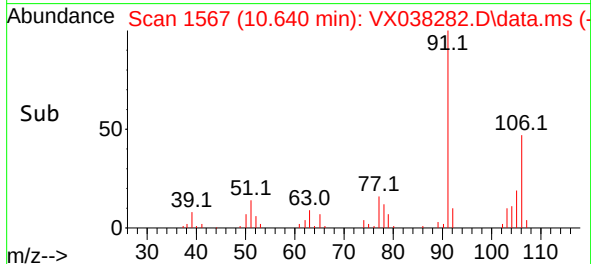
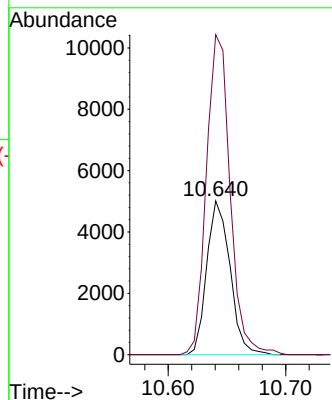
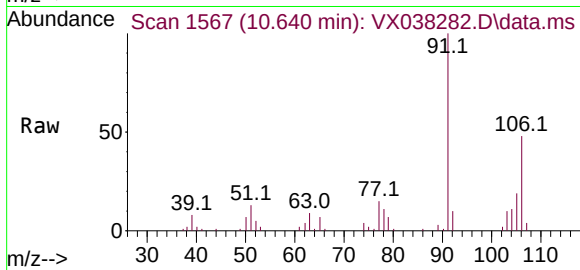
#69
o-Xylene
Concen: 2.388 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion:106 Resp: 690
Ion Ratio Lower Upper
106 100
91 212.1 108.9 326.8

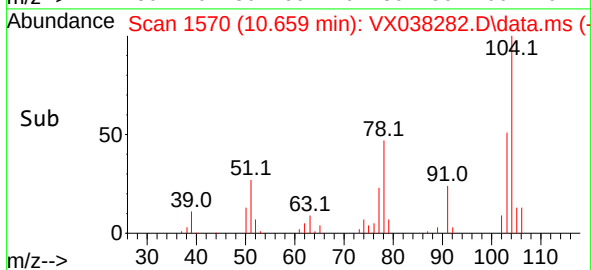
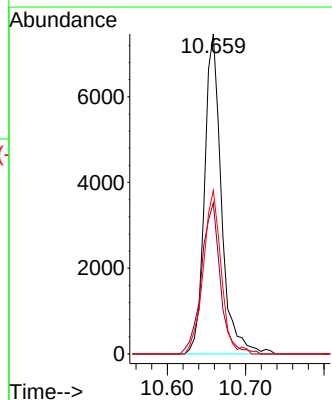
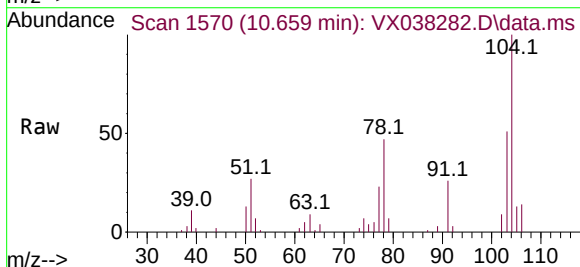
Manual Integrations
APPROVED

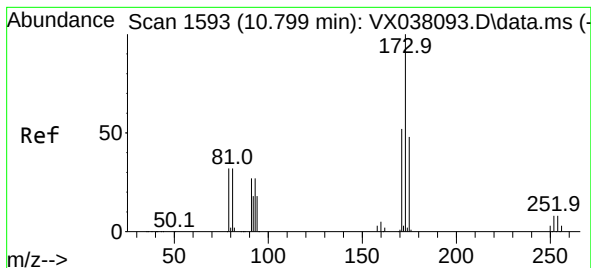
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#70
Styrene
Concen: 2.375 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

Tgt Ion:104 Resp: 11184
Ion Ratio Lower Upper
104 100
78 52.6 43.6 65.4
103 54.0 43.6 65.4





#71

Bromoform

Concen: 1.977 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX038282.D

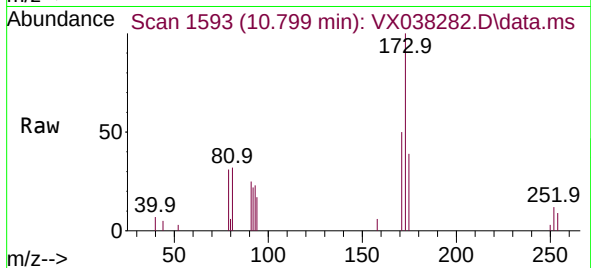
Acq: 13 Oct 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

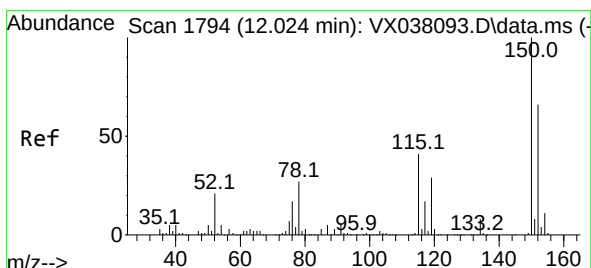
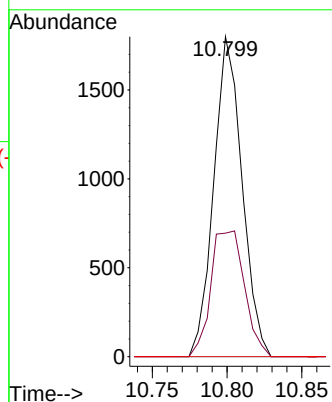
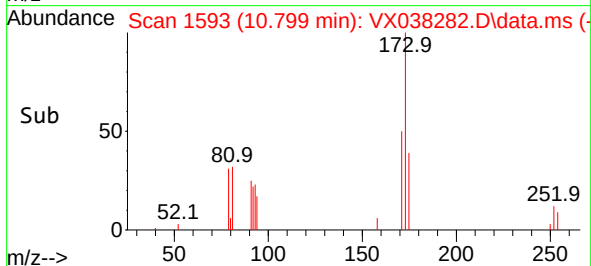


Tgt Ion:	173	Resp:	236
Ion Ratio	Lower	Upper	
173	100		
175	46.8	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

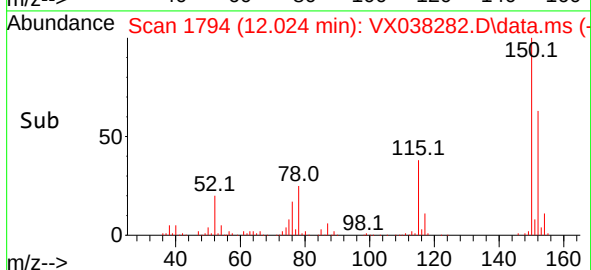
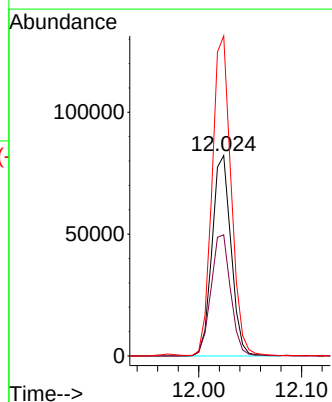
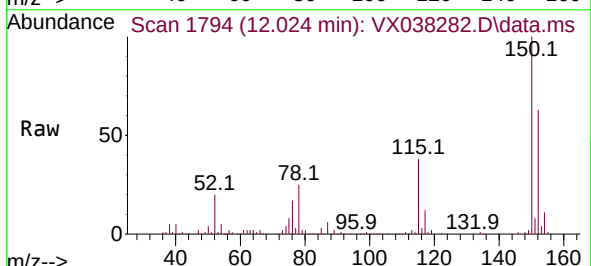
RT: 12.024 min Scan# 1794

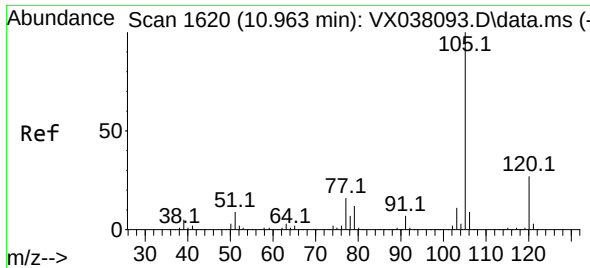
Delta R.T. 0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

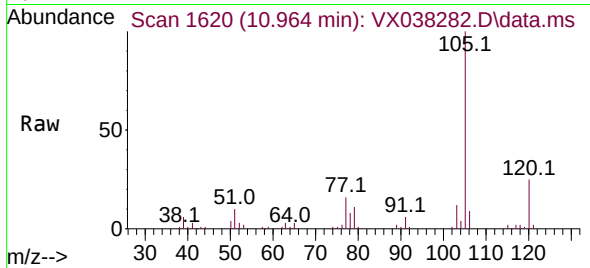
Tgt Ion:	152	Resp:	105363
Ion Ratio	Lower	Upper	
152	100		
115	62.8	43.3	129.9
150	159.8	0.0	345.0





#73
Isopropylbenzene
Concen: 2.479 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

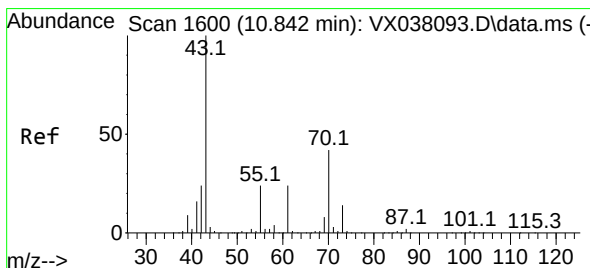
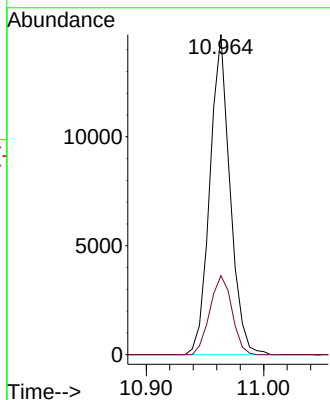
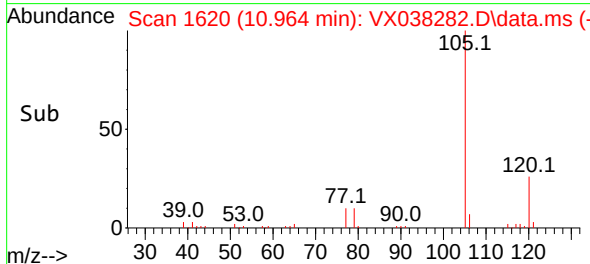
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 105 Resp: 1751
Ion Ratio Lower Upper
105 100
120 26.9 12.9 38.6

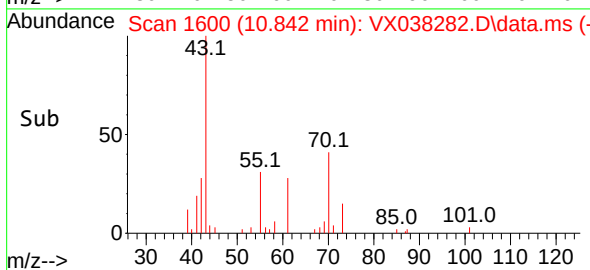
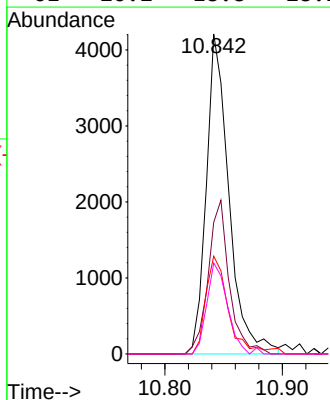
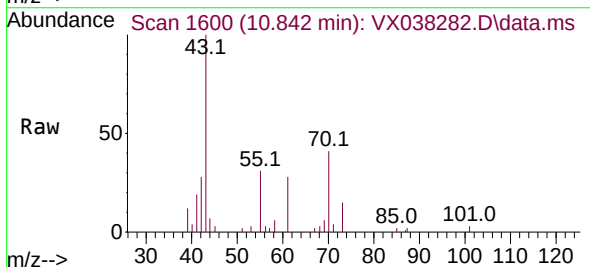
Manual Integrations
APPROVED

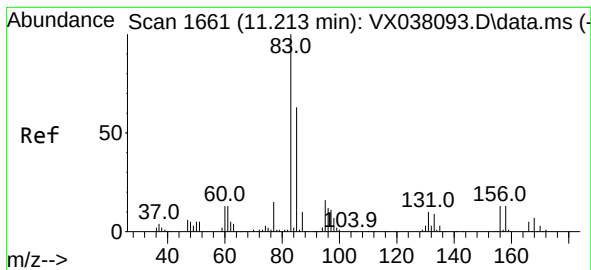
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#74
N-ethyl acetate
Concen: 1.868 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

Tgt Ion: 43 Resp: 5637
Ion Ratio Lower Upper
43 100
70 44.8 32.9 49.3
55 30.7 19.3 28.9#
61 26.2 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 2.837 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

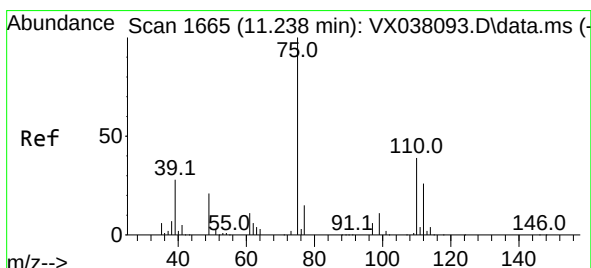
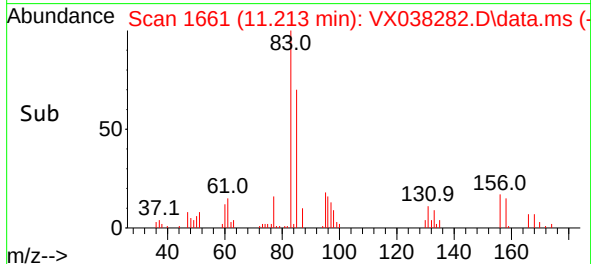
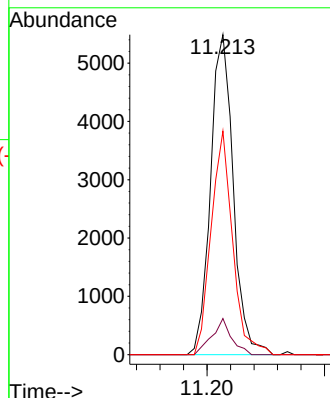
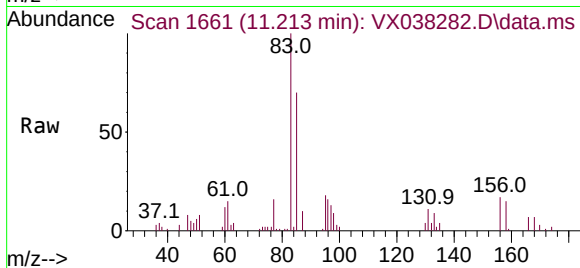
MDL-WATER-03-QT4-2023

Tgt Ion: 83	Resp: 735
Ion Ratio	Lower Upper
83 100	
131 9.8	5.3 15.8
85 66.3	32.0 96.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#76

1,2,3-Trichloropropane

Concen: 2.605 ug/l m

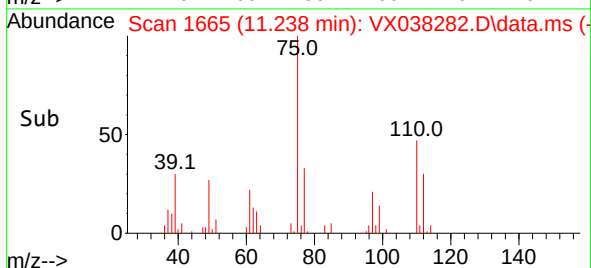
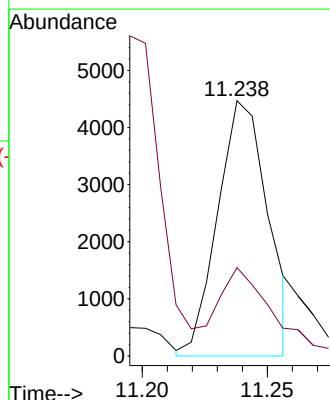
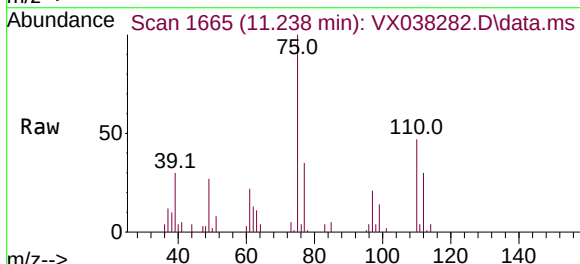
RT: 11.238 min Scan# 1665

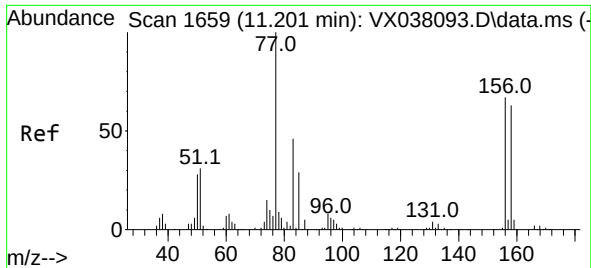
Delta R.T. -0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

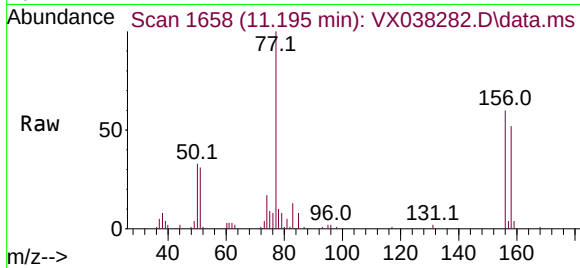
Tgt Ion: 75	Resp: 6240
Ion Ratio	Lower Upper
75 100	
77 39.0	19.1 57.5





#77
Bromobenzene
Concen: 2.715 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

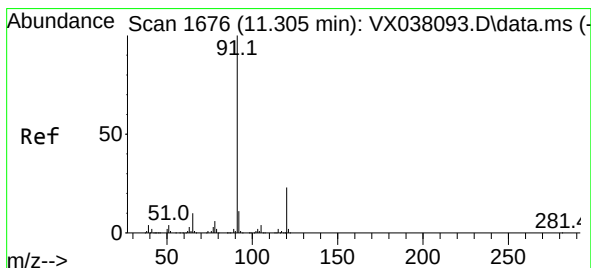
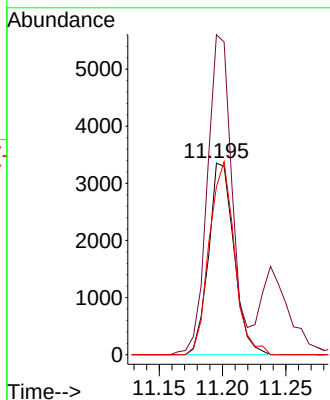
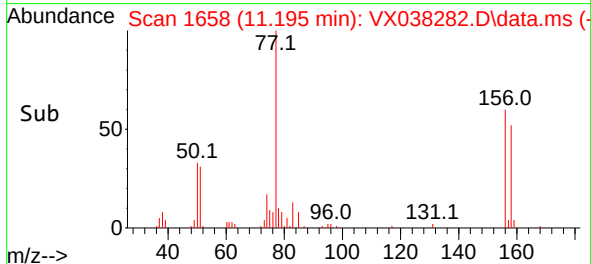
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



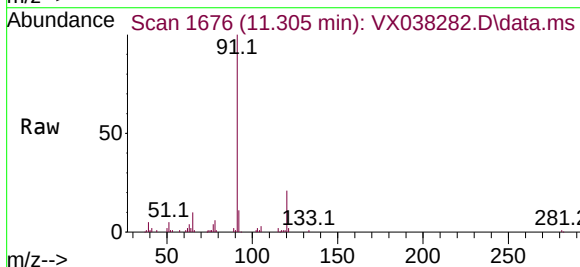
Tgt Ion:156 Resp: 4684
Ion Ratio Lower Upper
156 100
77 160.5 88.4 265.3
158 99.8 48.0 144.0

Manual Integrations
APPROVED

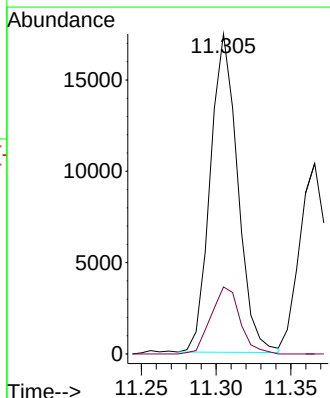
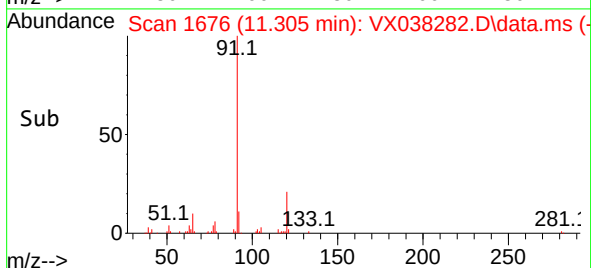
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

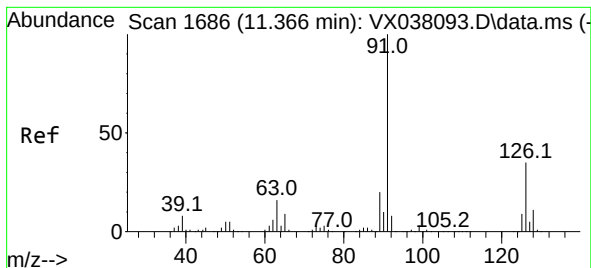


#78
n-propylbenzene
Concen: 2.574 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48



Tgt Ion: 91 Resp: 22240
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 2.626 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2023

Tgt Ion: 91 Resp: 1345

Ion Ratio Lower Upper

91 100

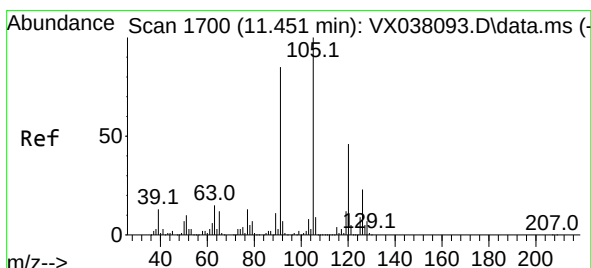
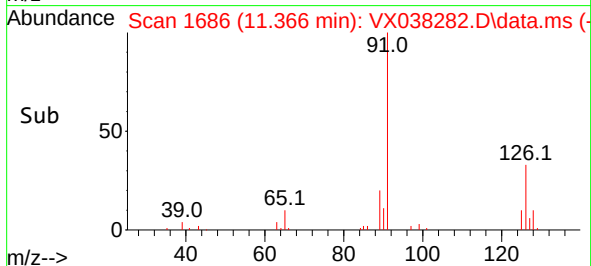
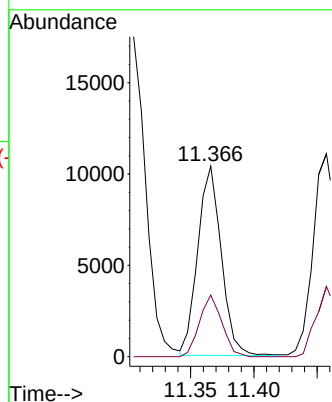
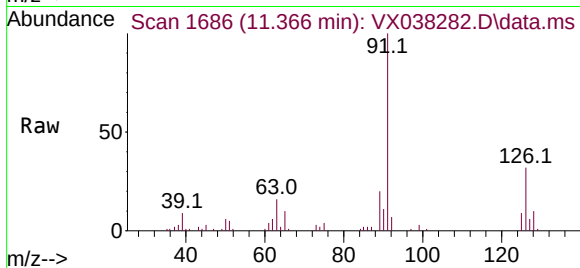
126 30.9 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023

Supervised By :Mahesh Dadoda 10/16/2023



#80

1,3,5-Trimethylbenzene

Concen: 2.471 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX038282.D

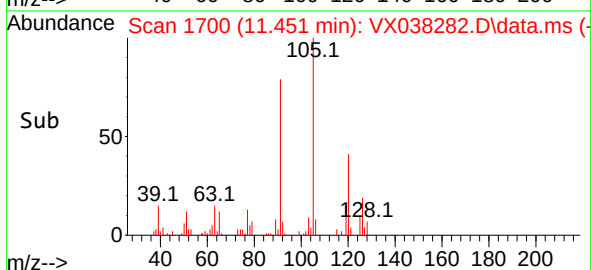
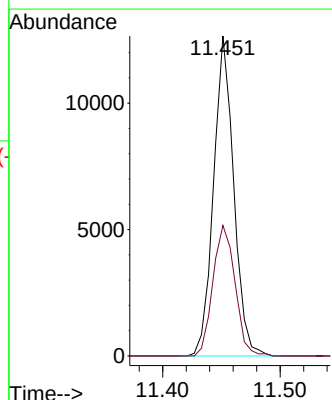
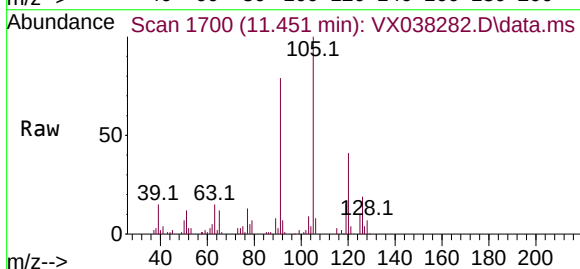
Acq: 13 Oct 2023 13:48

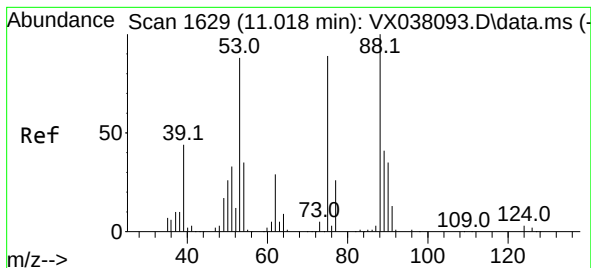
Tgt Ion:105 Resp: 15062

Ion Ratio Lower Upper

105 100

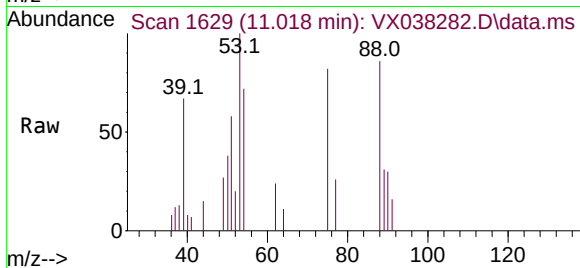
120 44.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 1.517 ug/l m
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

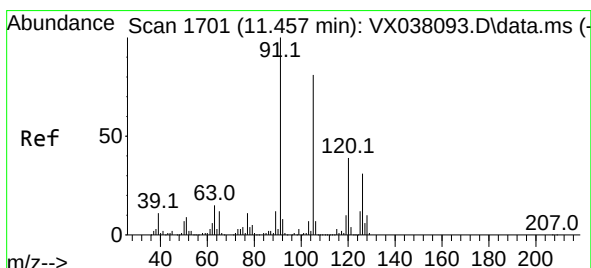
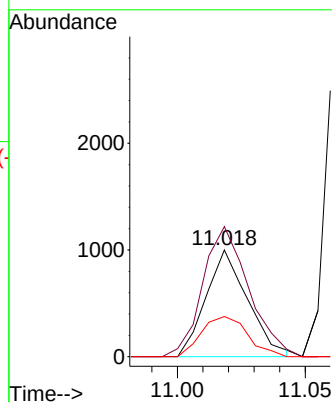
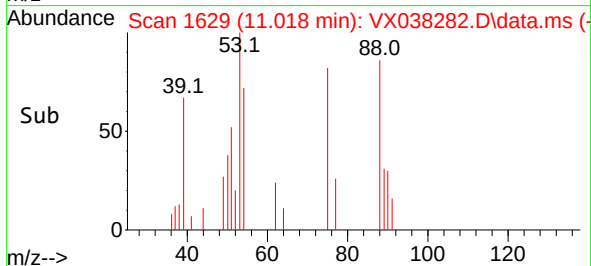
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2023



Tgt Ion: 75 Resp: 1138
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7
89 0.0 36.9 55.3

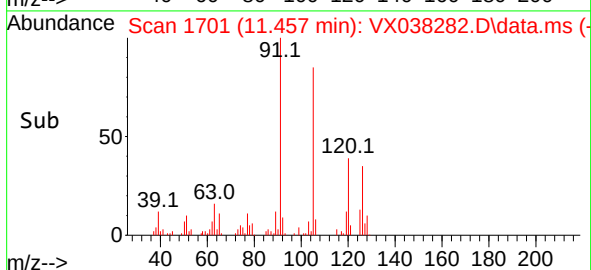
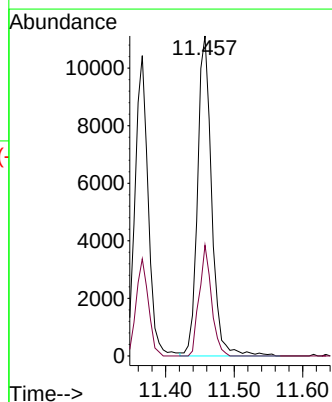
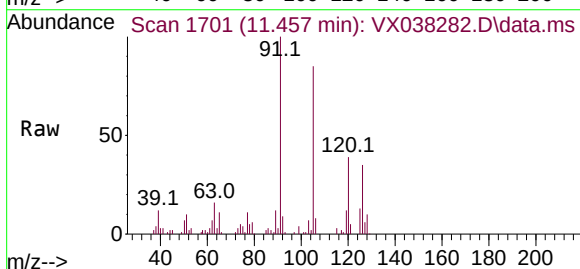
Manual Integrations
APPROVED

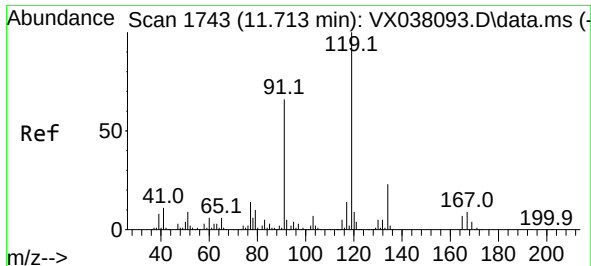
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#82
4-Chlorotoluene
Concen: 2.633 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

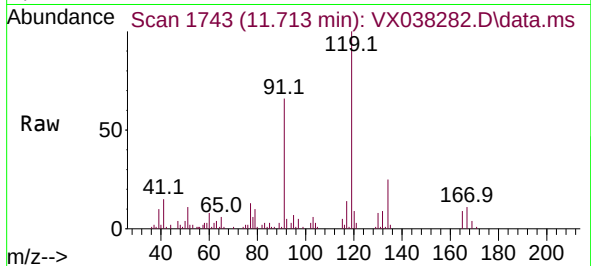
Tgt Ion: 91 Resp: 15963
Ion Ratio Lower Upper
91 100
126 30.0 14.2 42.6





#83
tert-Butylbenzene
Concen: 2.540 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

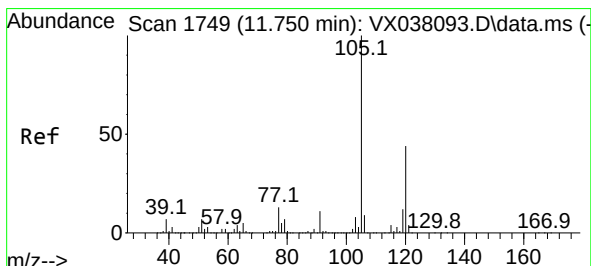
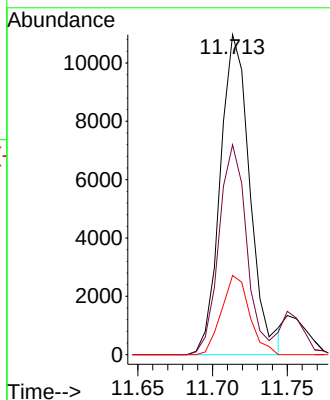
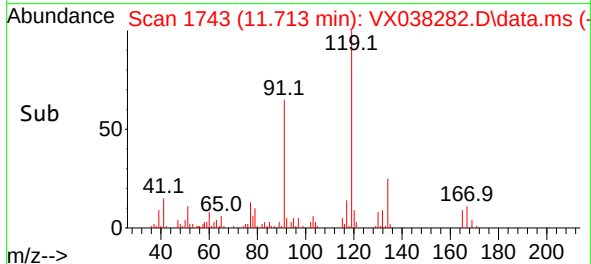
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2023



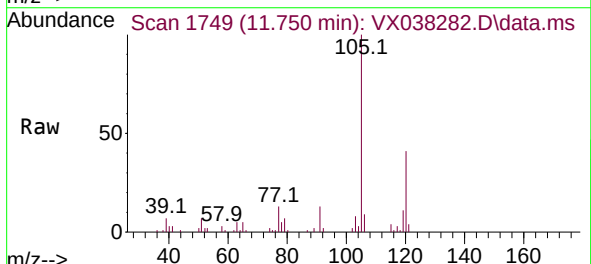
Tgt Ion:119 Resp: 15130
Ion Ratio Lower Upper
119 100
91 61.3 31.2 93.6
134 23.4 11.7 35.0

Manual Integrations
APPROVED

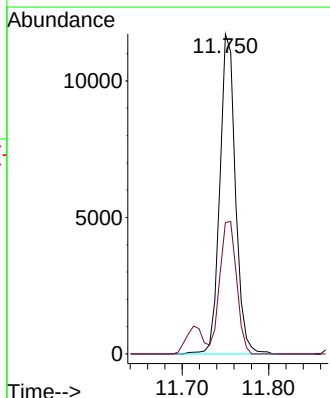
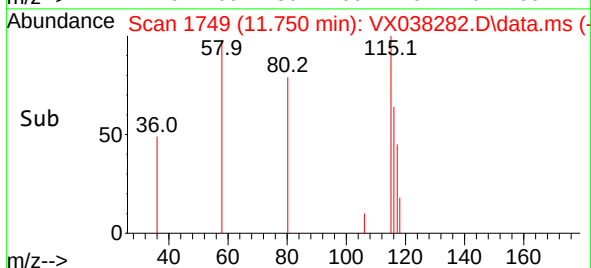
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

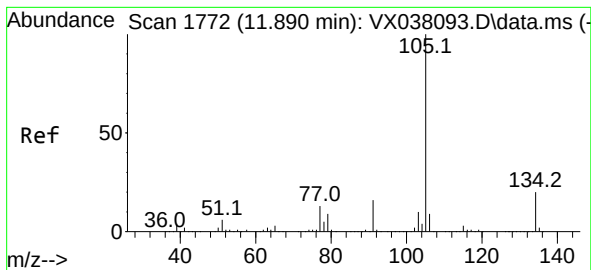


#84
1,2,4-Trimethylbenzene
Concen: 2.422 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48



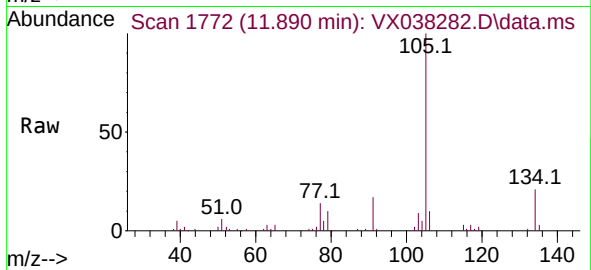
Tgt Ion:105 Resp: 14720
Ion Ratio Lower Upper
105 100
120 44.2 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 2.497 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038282.D
 Acq: 13 Oct 2023 13:48

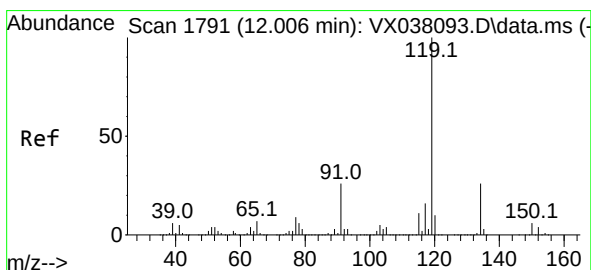
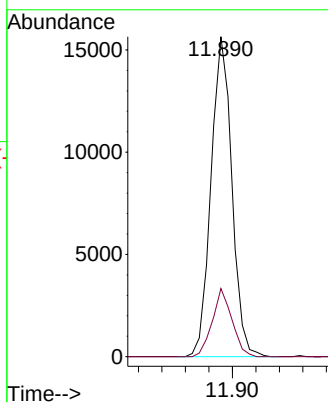
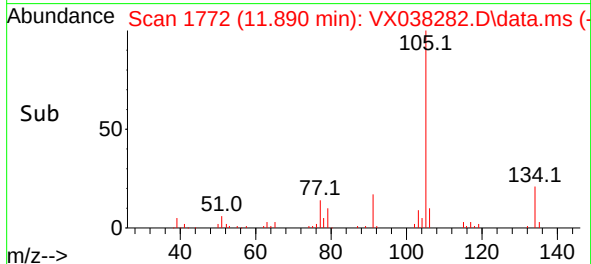
Instrument : MSVOA_X
 ClientSampleId : MDL-WATER-03-QT4-2023



Tgt Ion:105 Resp: 1927
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.4

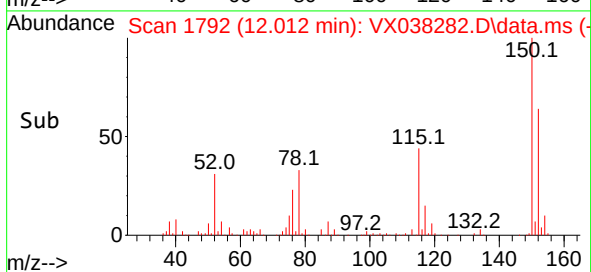
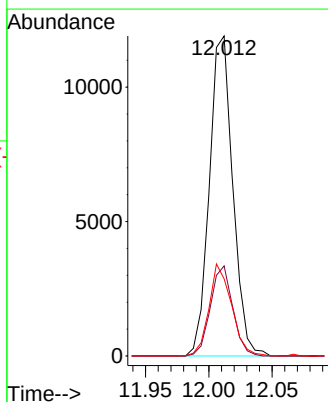
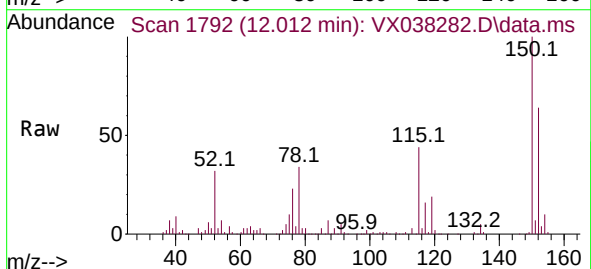
Manual Integrations
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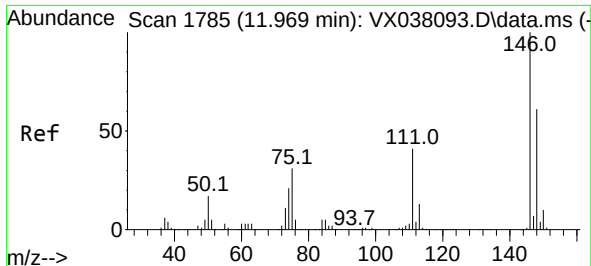
Reviewed By :Semsettin Yesilyurt 10/16/2023
 Supervised By :Mahesh Dadoda 10/16/2023



#86
 p-Isopropyltoluene
 Concen: 2.408 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX038282.D
 Acq: 13 Oct 2023 13:48

Tgt Ion:119 Resp: 15329
 Ion Ratio Lower Upper
 119 100
 134 26.7 12.8 38.3
 91 27.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 2.662 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

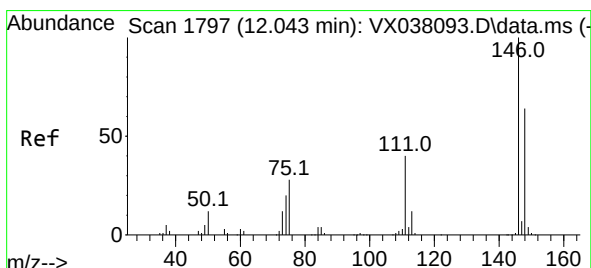
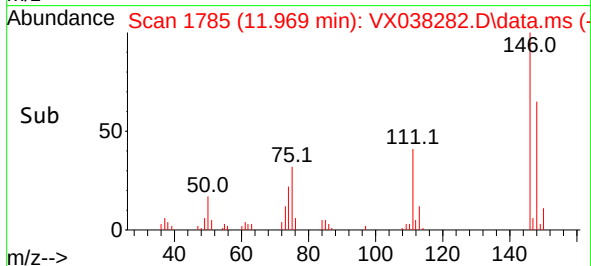
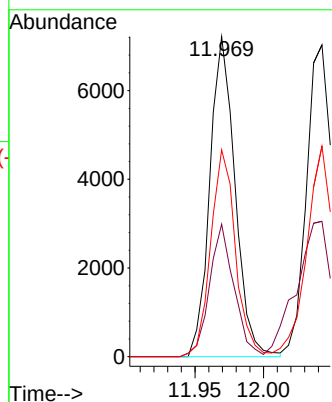
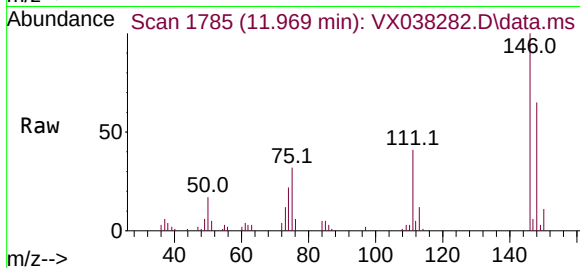
MDL-WATER-03-QT4-2023

Tgt Ion:146	Resp:	922
Ion Ratio	Lower	Upper
146	100	
111	40.2	22.1 66.1
148	63.7	31.8 95.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#88

1,4-Dichlorobenzene

Concen: 2.672 ug/l

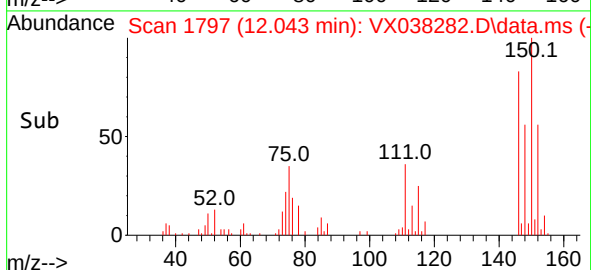
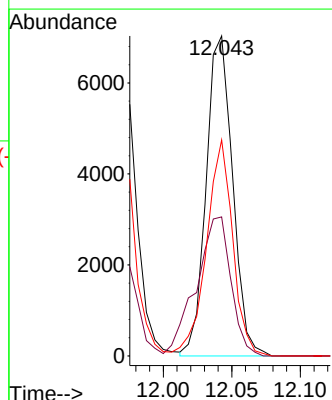
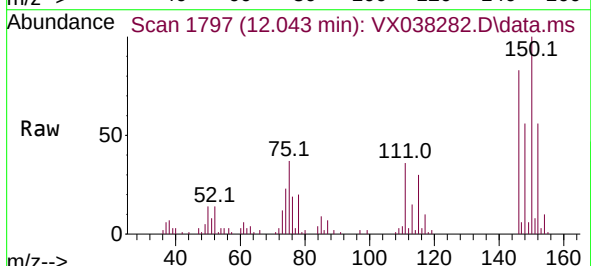
RT: 12.043 min Scan# 1797

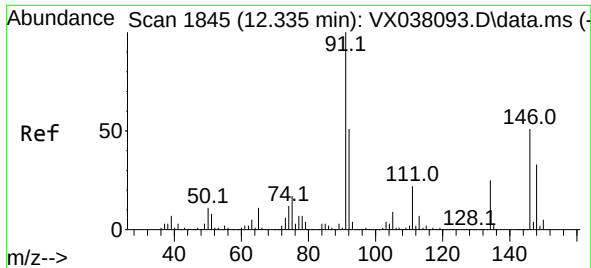
Delta R.T. -0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

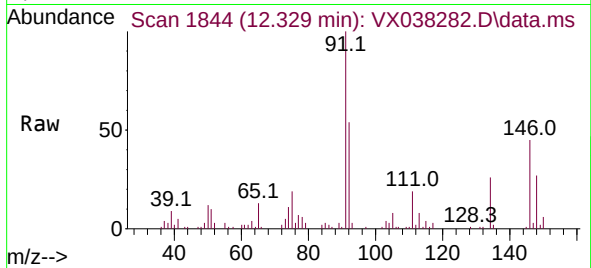
Tgt Ion:146	Resp:	9451
Ion Ratio	Lower	Upper
146	100	
111	57.1	21.3 63.7
148	67.0	31.8 95.4





#89
n-Butylbenzene
Concen: 2.361 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

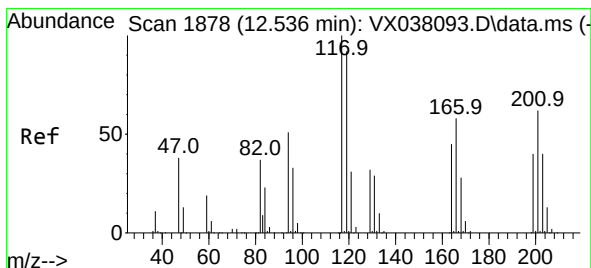
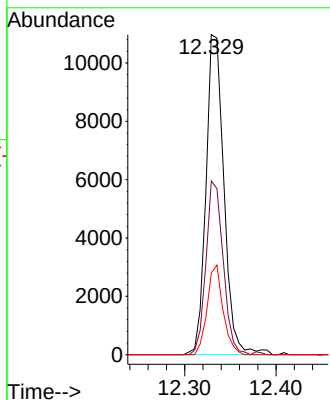
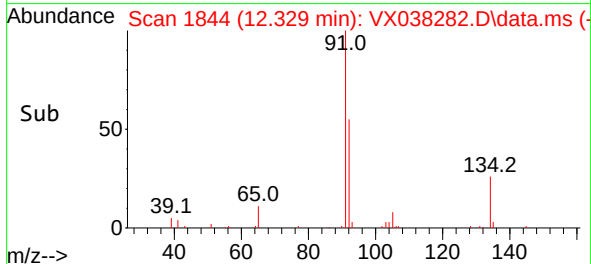
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2023



Tgt Ion: 91 Resp: 1496
Ion Ratio Lower Upper
91 100
92 51.8 27.4 82.0
134 24.7 12.6 37.8

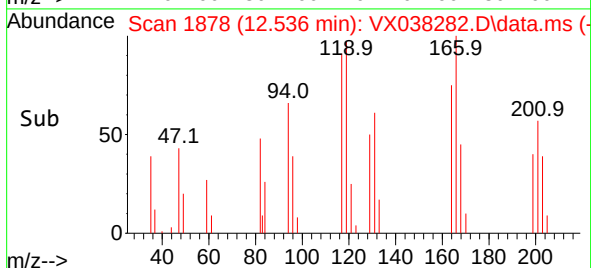
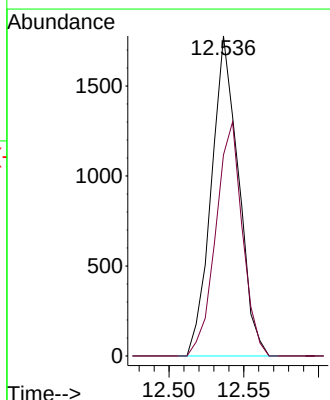
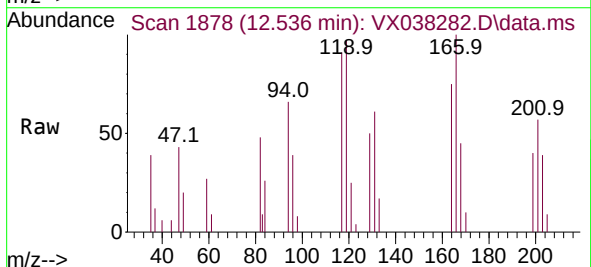
Manual Integrations
APPROVED

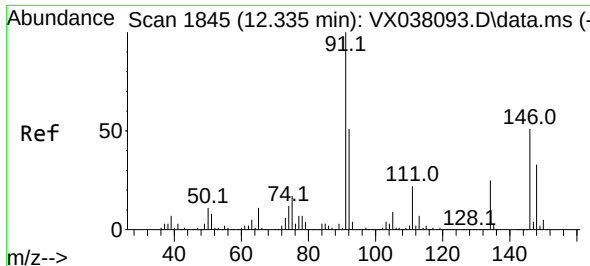
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#90
Hexachloroethane
Concen: 2.124 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

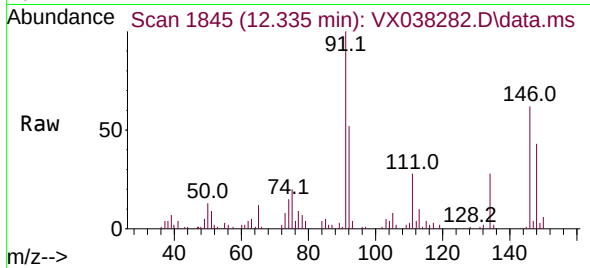
Tgt Ion:117 Resp: 2242
Ion Ratio Lower Upper
117 100
201 71.9 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 2.676 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

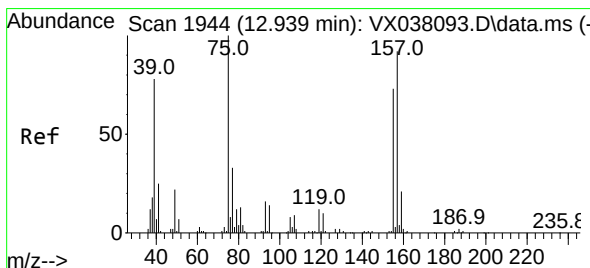
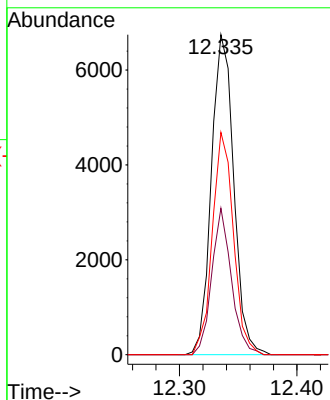
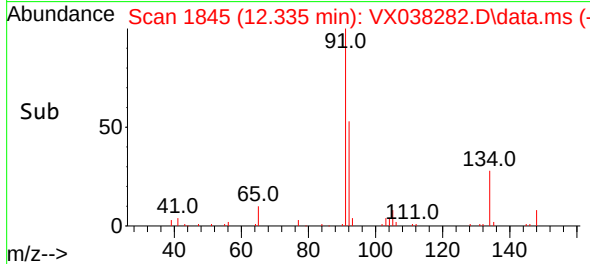
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



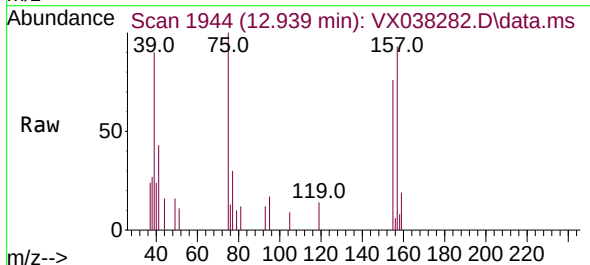
Tgt Ion:146 Resp: 8914
Ion Ratio Lower Upper
146 100
111 40.3 22.4 67.0
148 65.7 31.6 95.0

Manual Integrations
APPROVED

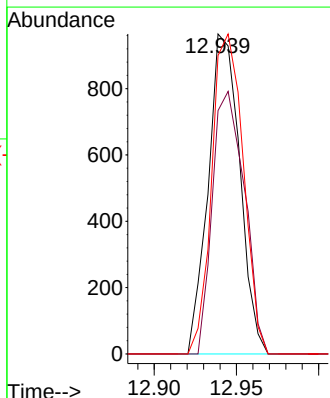
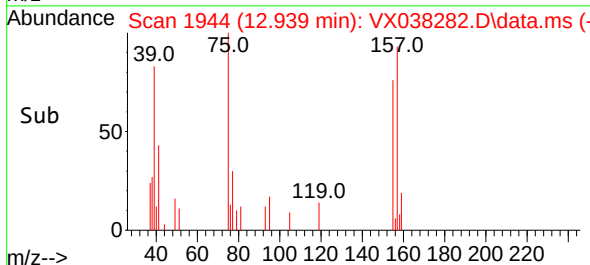
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023

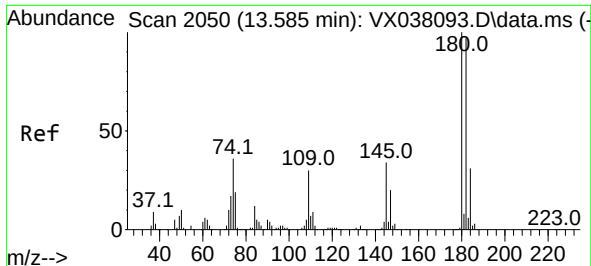


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.063 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48



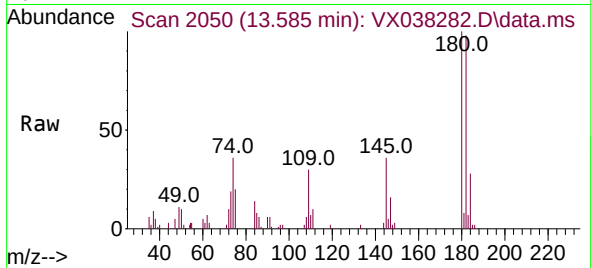
Tgt Ion: 75 Resp: 1293
Ion Ratio Lower Upper
75 100
155 83.1 36.1 108.5
157 99.5 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 2.407 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

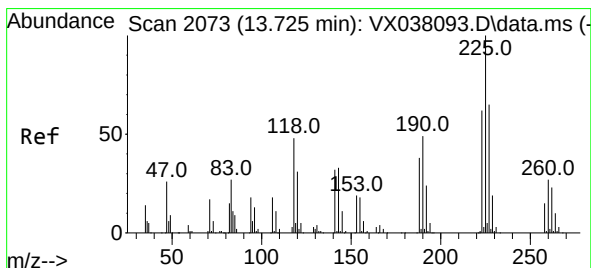
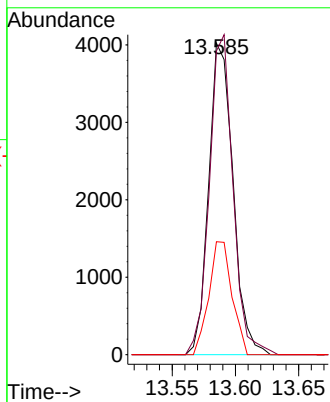
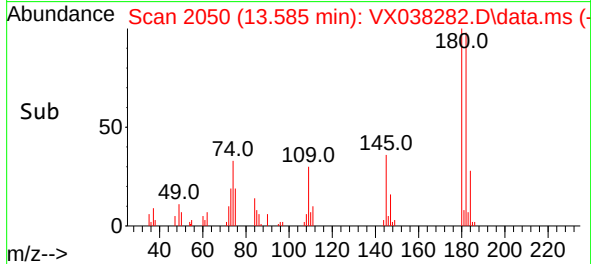
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:180 Resp: 537
Ion Ratio Lower Upper
180 100
182 99.7 48.3 144.8
145 34.5 18.0 54.0

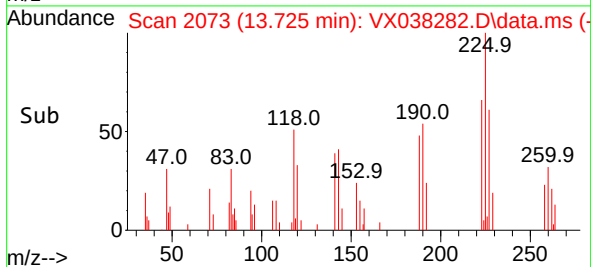
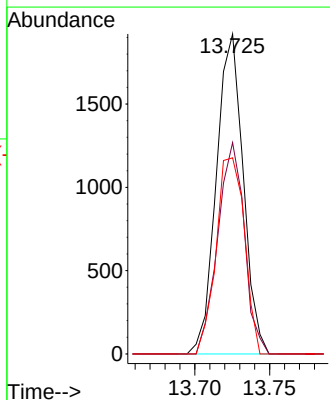
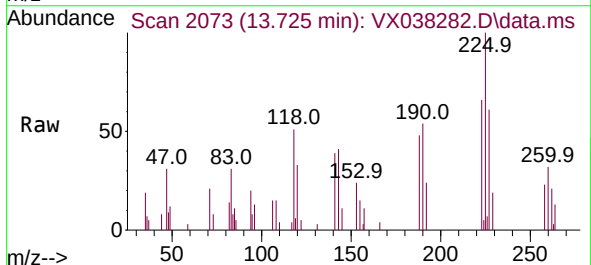
Manual Integrations
APPROVED

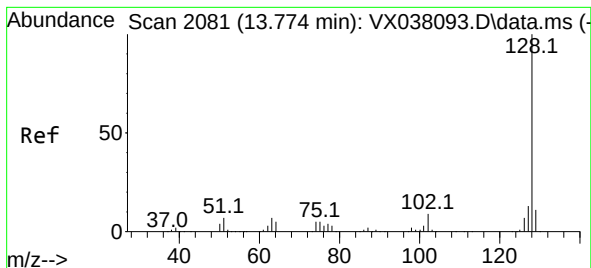
Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#94
Hexachlorobutadiene
Concen: 2.667 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX038282.D
Acq: 13 Oct 2023 13:48

Tgt Ion:225 Resp: 2398
Ion Ratio Lower Upper
225 100
223 65.4 31.1 93.2
227 64.7 32.5 97.5





#95

Naphthalene

Concen: 2.221 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

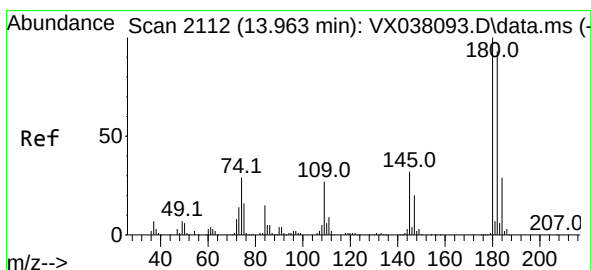
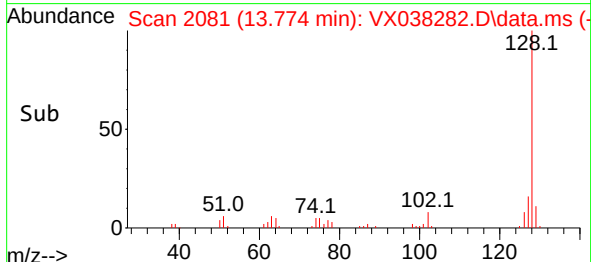
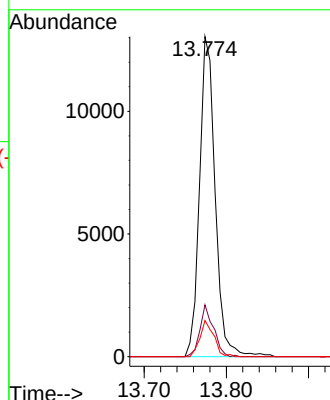
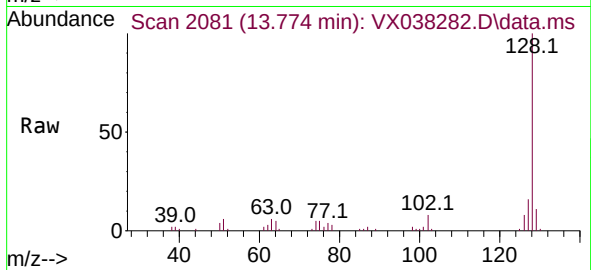
MDL-WATER-03-QT4-2023

Tgt Ion:128	Resp:	17279
Ion Ratio	Lower	Upper
128	100	
127	14.1	10.3 15.5
129	10.0	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/16/2023
Supervised By :Mahesh Dadoda 10/16/2023



#96

1,2,3-Trichlorobenzene

Concen: 2.587 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX038282.D

Acq: 13 Oct 2023 13:48

Tgt Ion:180	Resp:	5595
Ion Ratio	Lower	Upper
180	100	
182	95.7	46.9 140.6
145	33.7	17.8 53.5

