

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072423\
 Data File : VX036630.D
 Acq On : 24 Jul 2023 14:58
 Operator : JC/MD
 Sample : 03572-09 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2023

Quant Time: Jul 25 08:57:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/25/2023
 Supervised By : Mahesh Dadoda 07/25/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	180081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	314030	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	278617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	128998	48.412	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.820%		
35) Dibromofluoromethane	5.391	113	104481	48.405	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.820%		
50) Toluene-d8	8.647	98	369440	48.265	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.520%		
62) 4-Bromofluorobenzene	11.079	95	137400	47.578	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.160%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	5581	2.346	ug/l	99
3) Chloromethane	1.295	50	5655	2.614	ug/l	97
4) Vinyl Chloride	1.374	62	5769	2.619	ug/l	99
5) Bromomethane	1.612	94	3892	2.959	ug/l	100
6) Chloroethane	1.685	64	3212	2.999	ug/l	89
7) Trichlorofluoromethane	1.886	101	8601	2.528	ug/l	97
8) Diethyl Ether	2.136	74	3308	2.513	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	5188	2.538	ug/l	98
10) Methyl Iodide	2.453	142	4440	2.091	ug/l	93
11) Tert butyl alcohol	2.983	59	8037	12.741	ug/l #	74
12) 1,1-Dichloroethene	2.319	96	5558	2.756	ug/l	84
13) Acrolein	2.246	56	4650	12.916	ug/l	91
14) Allyl chloride	2.666	41	9546	2.404	ug/l	95
15) Acrylonitrile	3.069	53	16284	12.836	ug/l	98
16) Acetone	2.392	43	13435	12.151	ug/l #	89
17) Carbon Disulfide	2.508	76	13982	2.512	ug/l	98
18) Methyl Acetate	2.709	43	11488	2.470	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	19108	2.522	ug/l	97
20) Methylene Chloride	2.794	84	6785	2.759	ug/l #	81
21) trans-1,2-Dichloroethene	3.093	96	5581	2.476	ug/l	93
22) Diisopropyl ether	3.764	45	18469	2.450	ug/l	94
23) Vinyl Acetate	3.727	43	71909	12.434	ug/l	98
24) 1,1-Dichloroethane	3.611	63	10309	2.439	ug/l	98
25) 2-Butanone	4.574	43	21826	12.167	ug/l	94
26) 2,2-Dichloropropane	4.483	77	9741	2.446	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	6468	2.416	ug/l	93
28) Bromochloromethane	4.904	49	5155	2.522	ug/l #	97
29) Tetrahydrofuran	5.013	42	14668	12.682	ug/l	94
30) Chloroform	5.099	83	10942	2.530	ug/l	98
31) Cyclohexane	5.471	56	9127	2.474	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	10048	2.536	ug/l	97
36) 1,1-Dichloropropene	5.696	75	7885	2.451	ug/l	97
37) Ethyl Acetate	4.721	43	8093	2.223	ug/l #	91
38) Carbon Tetrachloride	5.678	117	8459	2.473	ug/l	93
39) Methylcyclohexane	7.379	83	9905	2.476	ug/l #	88
40) Benzene	6.044	78	22351	2.388	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	4550	2.336	ug/l #	25
42) 1,2-Dichloroethane	6.086	62	8610	2.516	ug/l	93
43) Isopropyl Acetate	6.342	43	15061	2.403	ug/l	98
44) Trichloroethene	7.129	130	5846	2.389	ug/l	95
45) 1,2-Dichloropropane	7.434	63	6018	2.408	ug/l	99
46) Dibromomethane	7.586	93	4085	2.336	ug/l	95
47) Bromodichloromethane	7.824	83	8410	2.343	ug/l	98
48) Methyl methacrylate	7.696	41	6943	2.382	ug/l	91
49) 1,4-Dioxane	7.702	88	2768	47.004	ug/l #	100
51) 4-Methyl-2-Pentanone	8.574	43	45444	13.101	ug/l	99
52) Toluene	8.720	92	14294	2.437	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	9268	2.284	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	9949	2.324	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	5803	2.354	ug/l	92
56) Ethyl methacrylate	9.116	69	9859	2.456	ug/l	96
57) 1,3-Dichloropropane	9.311	76	10204	2.485	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	24996	12.636	ug/l	100
59) 2-Hexanone	9.433	43	33179	12.888	ug/l	96
60) Dibromochloromethane	9.525	129	6591	2.432	ug/l	100
61) 1,2-Dibromoethane	9.610	107	6267	2.453	ug/l	99
64) Tetrachloroethene	9.275	164	5179	2.492	ug/l	91
65) Chlorobenzene	10.080	112	15187	2.473	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	6053	2.550	ug/l	97
67) Ethyl Benzene	10.195	91	27046	2.411	ug/l	98
68) m/p-Xylenes	10.305	106	20638	4.930	ug/l	99
69) o-Xylene	10.640	106	10127	2.424	ug/l	100
70) Styrene	10.659	104	16174	2.346	ug/l	99
71) Bromoform	10.799	173	4473	2.328	ug/l #	96
73) Isopropylbenzene	10.964	105	25681	2.458	ug/l	98
74) N-amyl acetate	10.842	43	11948	2.452	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	8993	2.548	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	7508m	2.528	ug/l	
77) Bromobenzene	11.201	156	6299	2.647	ug/l	95
78) n-propylbenzene	11.305	91	29241	2.420	ug/l	99
79) 2-Chlorotoluene	11.366	91	18421	2.516	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	22370	2.559	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	2978	2.273	ug/l	91
82) 4-Chlorotoluene	11.457	91	20388	2.444	ug/l	99
83) tert-Butylbenzene	11.713	119	21954	2.557	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	22022	2.519	ug/l	99
85) sec-Butylbenzene	11.890	105	26269	2.453	ug/l	99
86) p-Isopropyltoluene	12.006	119	21472	2.437	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	10779	2.446	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	11161	2.552	ug/l	88
89) n-Butylbenzene	12.329	91	17950	2.276	ug/l	100
90) Hexachloroethane	12.536	117	4299	2.407	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	10630	2.500	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1930	2.354	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	6052	2.310	ug/l	96
94) Hexachlorobutadiene	13.725	225	2434	2.246	ug/l	95
95) Naphthalene	13.774	128	21300	2.333	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	5874	2.275	ug/l	98

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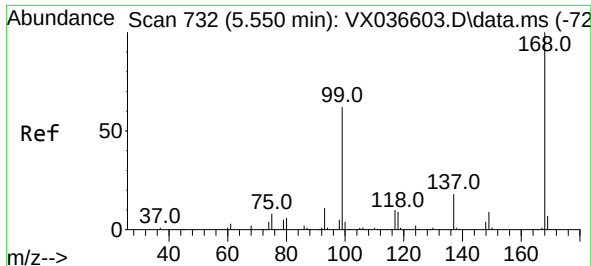
Manual Integrations
APPROVED

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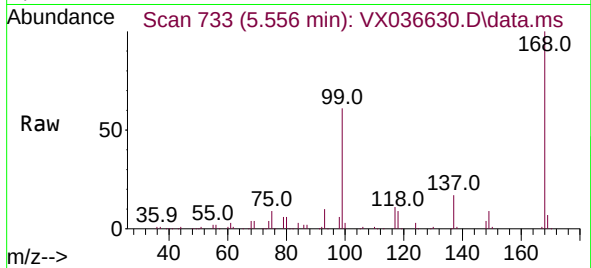
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
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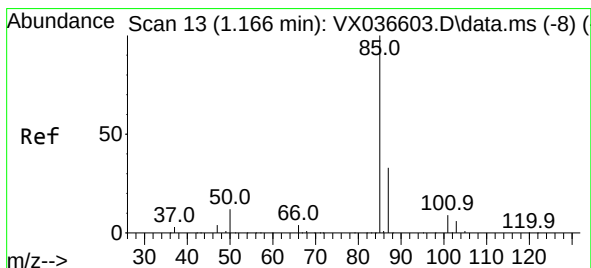
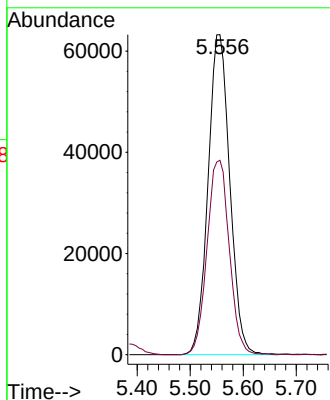
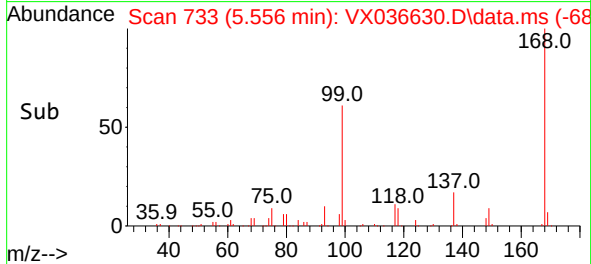
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion:168 Resp: 18008
Ion Ratio Lower Upper
168 100
99 60.8 56.6 85.0

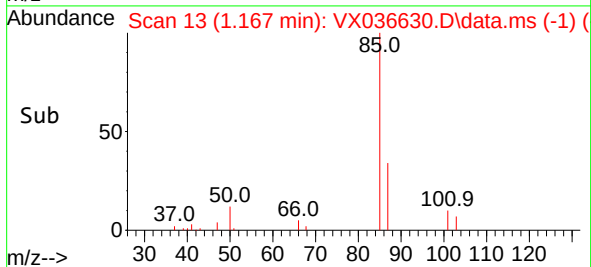
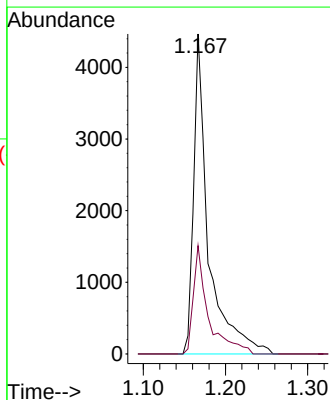
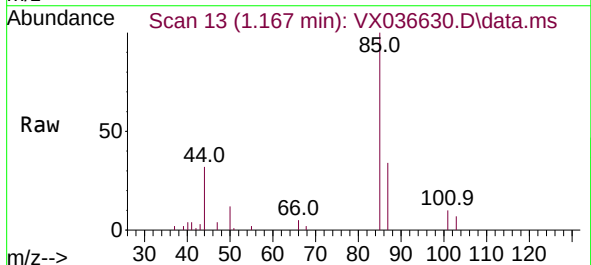
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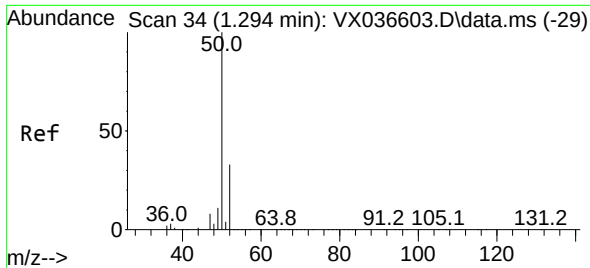
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#2
Dichlorodifluoromethane
Concen: 2.346 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

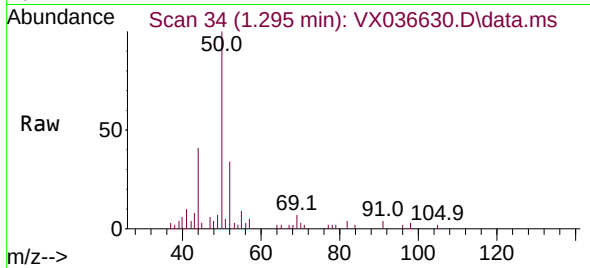
Tgt Ion: 85 Resp: 5581
Ion Ratio Lower Upper
85 100
87 33.8 16.7 50.1





#3
Chloromethane
Concen: 2.614 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

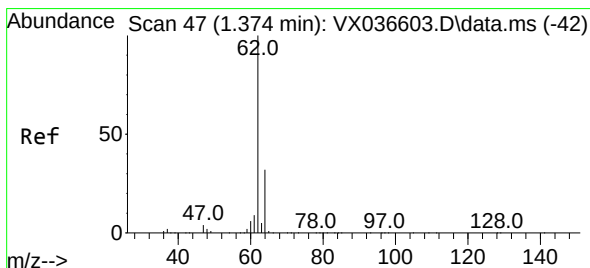
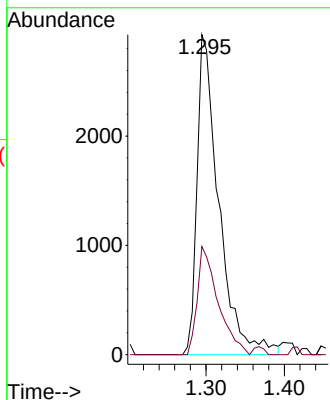
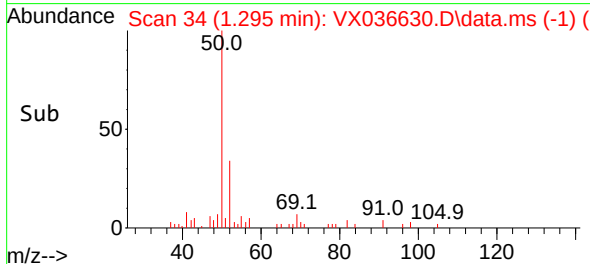
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Tgt Ion: 50 Resp: 565
Ion Ratio Lower Upper
50 100
52 33.8 25.5 38.3

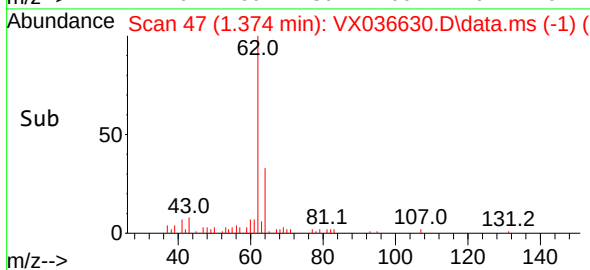
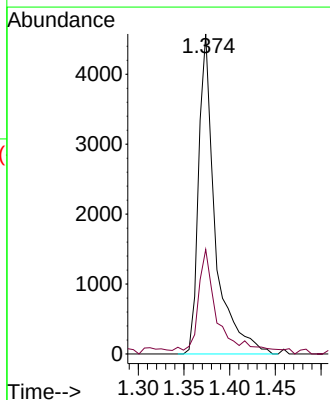
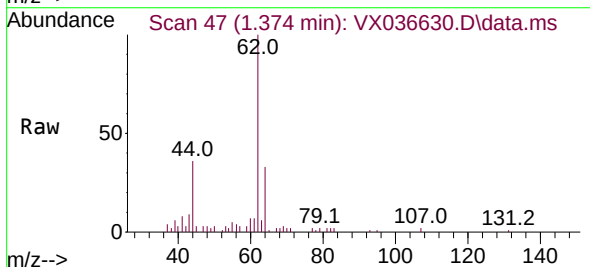
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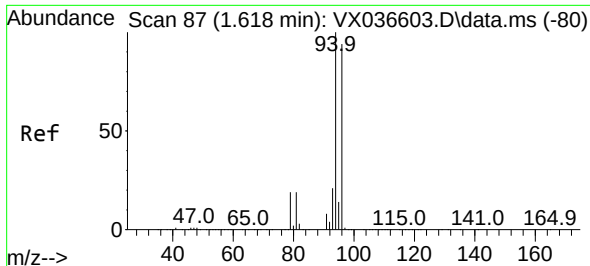
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#4
Vinyl Chloride
Concen: 2.619 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

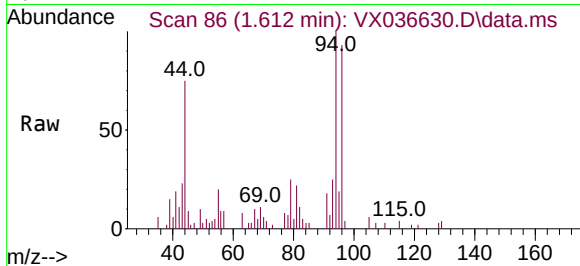
Tgt Ion: 62 Resp: 5769
Ion Ratio Lower Upper
62 100
64 31.2 25.4 38.0





#5
Bromomethane
Concen: 2.959 ug/l
RT: 1.612 min Scan# 80
Delta R.T. -0.006 min
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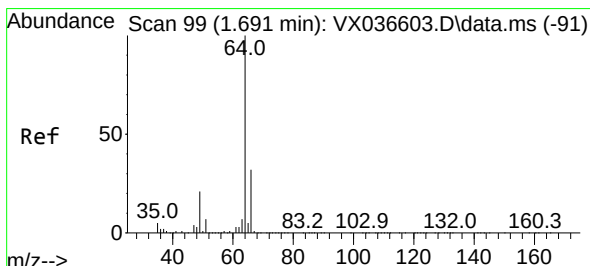
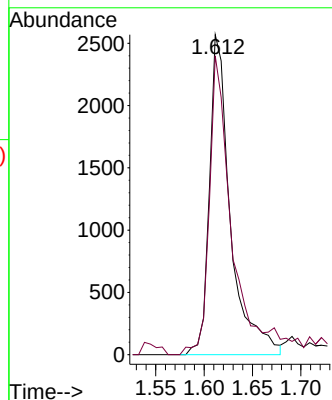
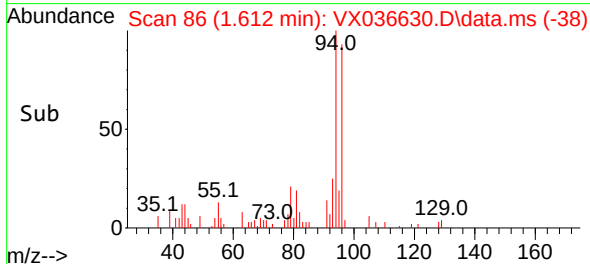
Instrument :
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Tgt Ion: 94 Resp: 389
Ion Ratio Lower Upper
94 100
96 93.4 74.6 111.8

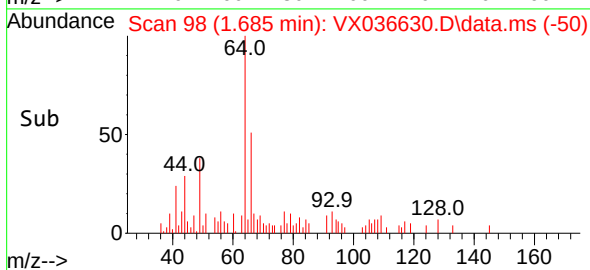
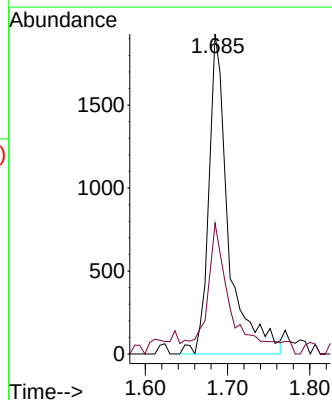
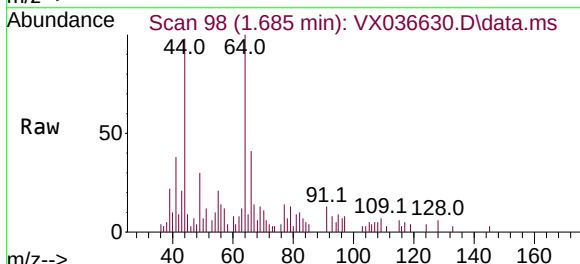
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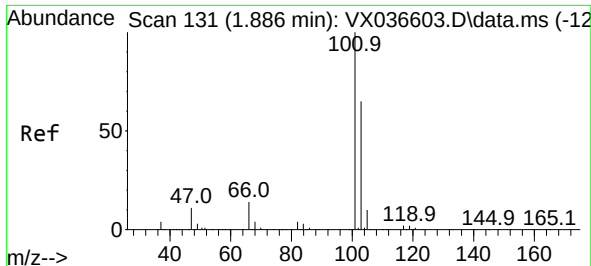
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#6
Chloroethane
Concen: 2.999 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

Tgt Ion: 64 Resp: 3212
Ion Ratio Lower Upper
64 100
66 37.6 25.1 37.7





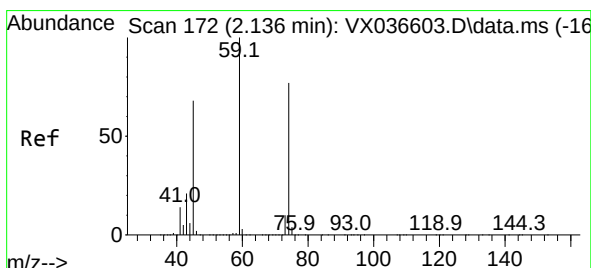
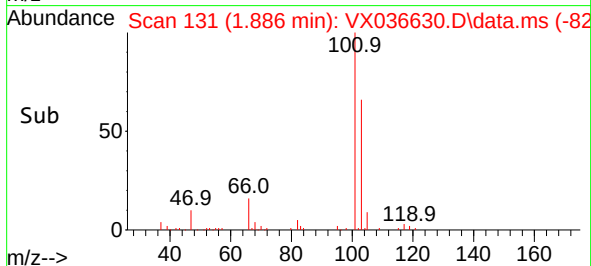
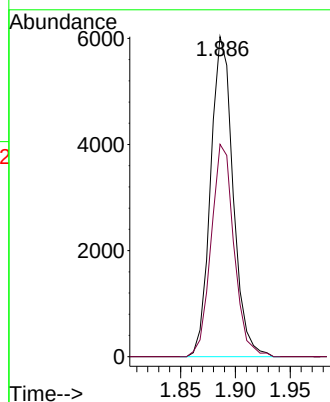
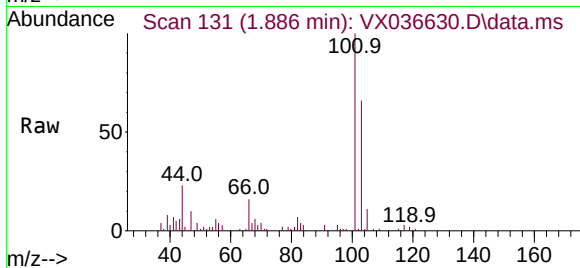
#7
 Trichlorofluoromethane
 Concen: 2.528 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036630.D
 Acq: 24 Jul 2023 14:58

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2023

Tgt Ion:101 Resp: 860
 Ion Ratio Lower Upper
 101 100
 103 66.3 51.4 77.2

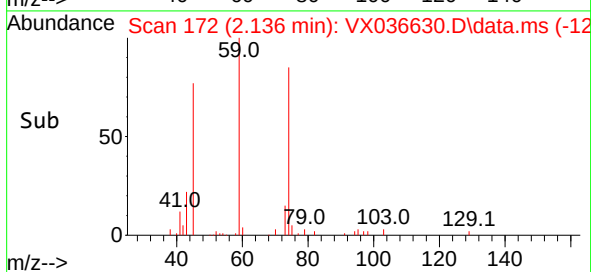
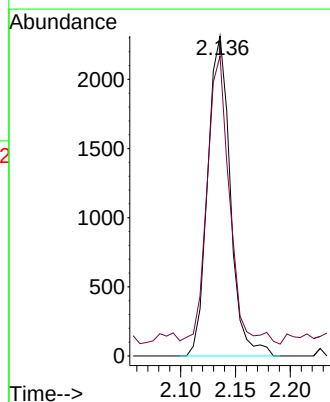
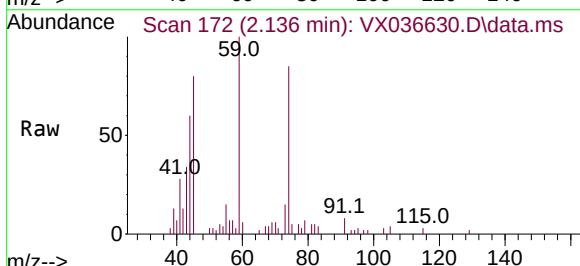
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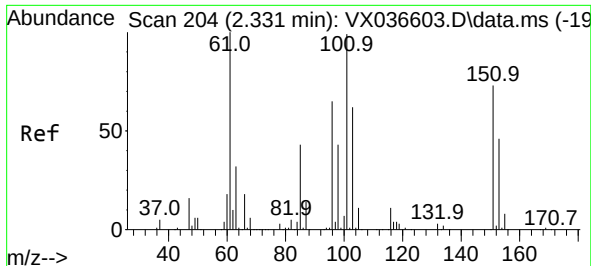
Reviewed By :John Carlone 07/25/2023
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#8
 Diethyl Ether
 Concen: 2.513 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX036630.D
 Acq: 24 Jul 2023 14:58

Tgt Ion: 74 Resp: 3308
 Ion Ratio Lower Upper
 74 100
 45 89.7 53.3 159.8





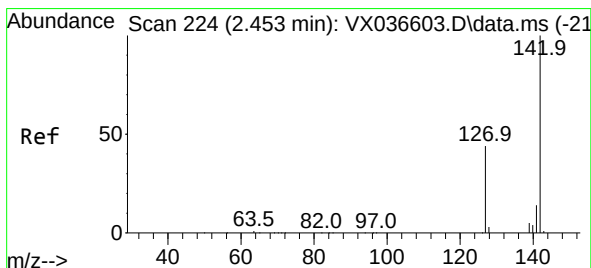
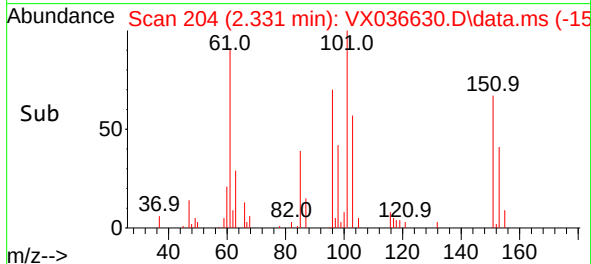
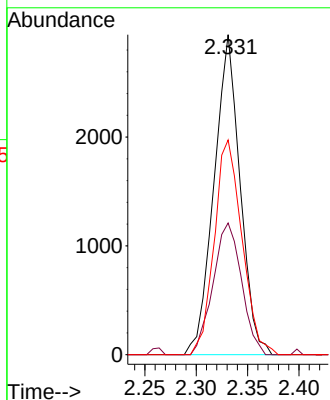
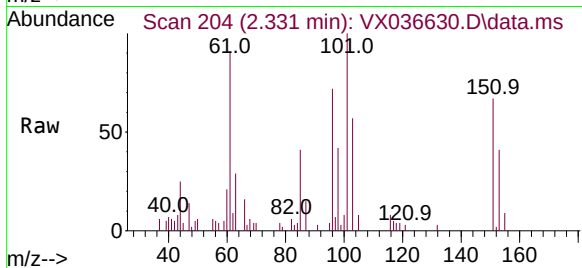
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.538 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023

Tgt Ion:101 Resp: 518
Ion Ratio Lower Upper
101 100
85 44.8 37.0 55.6
151 71.3 58.6 87.8

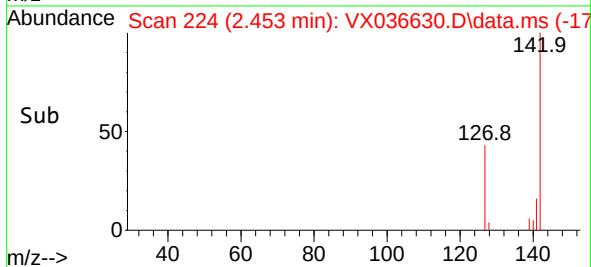
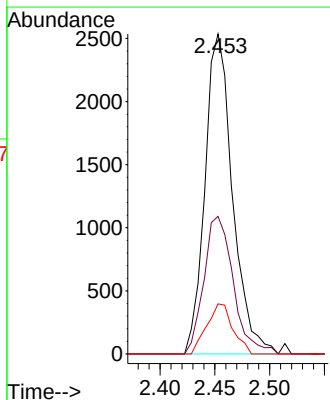
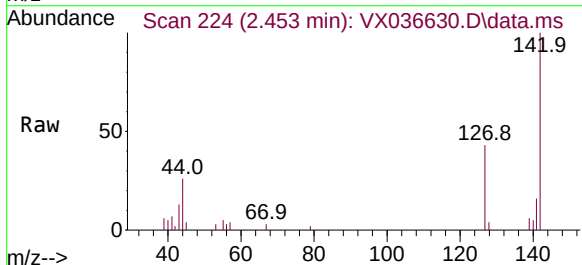
Manual Integrations
APPROVED

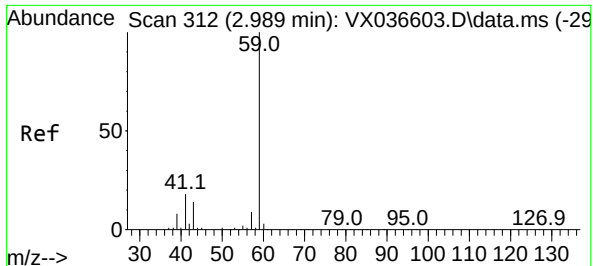
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#10
Methyl Iodide
Concen: 2.091 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

Tgt Ion:142 Resp: 4440
Ion Ratio Lower Upper
142 100
127 45.8 41.6 62.4
141 14.8 11.6 17.4





#11

Tert butyl alcohol

Concen: 12.741 ug/l

RT: 2.983 min Scan# 312

Delta R.T. -0.006 min

Lab File: VX036630.D

Acq: 24 Jul 2023 14:58

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion: 59 Resp: 803

Ion Ratio Lower Upper

59 100

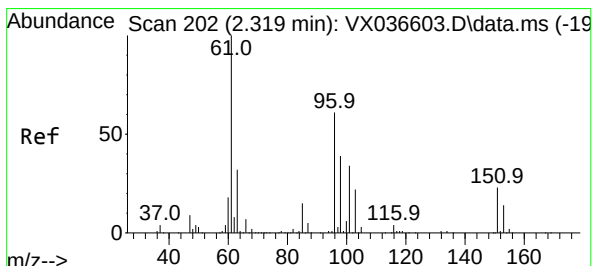
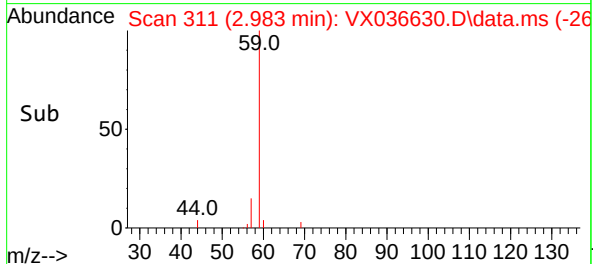
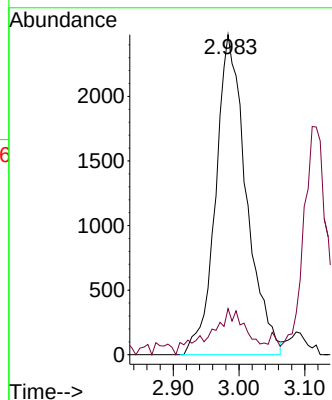
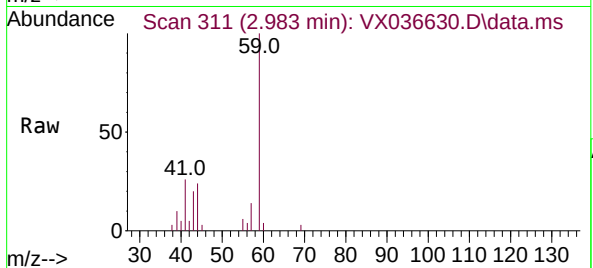
57 16.6 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#12

1,1-Dichloroethene

Concen: 2.756 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX036630.D

Acq: 24 Jul 2023 14:58

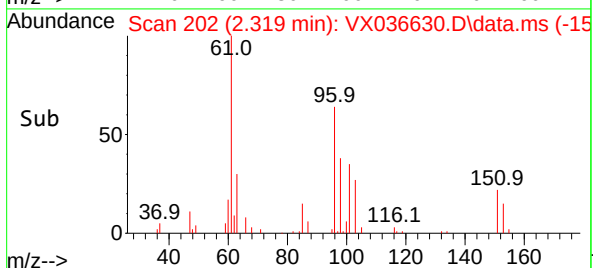
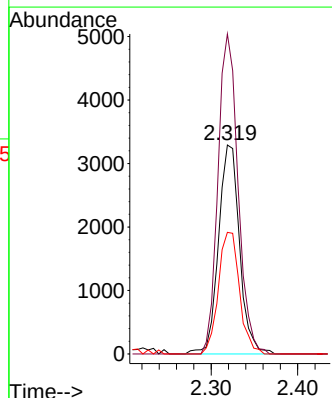
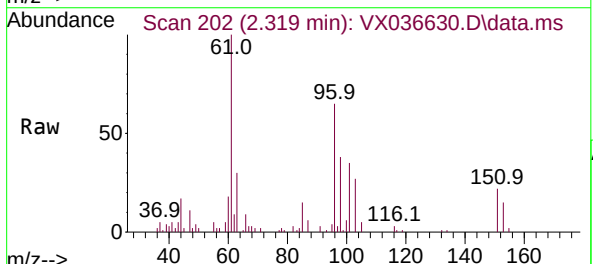
Tgt Ion: 96 Resp: 5558

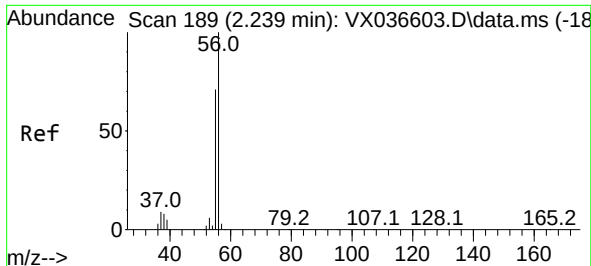
Ion Ratio Lower Upper

96 100

61 153.1 144.6 216.8

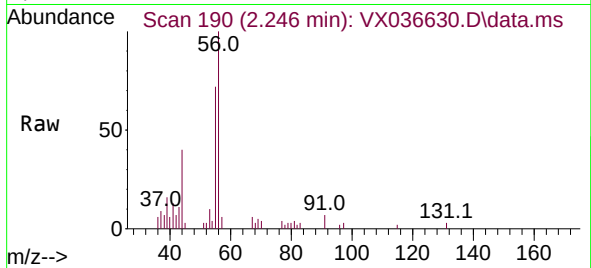
98 58.2 50.4 75.6





#13
Acrolein
Concen: 12.916 ug/l
RT: 2.246 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

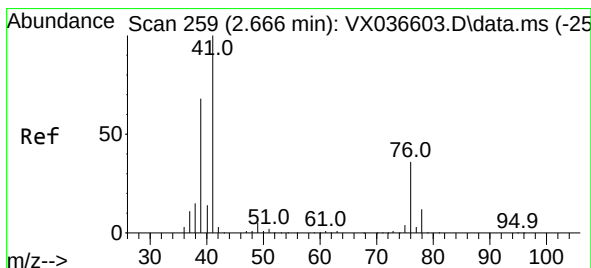
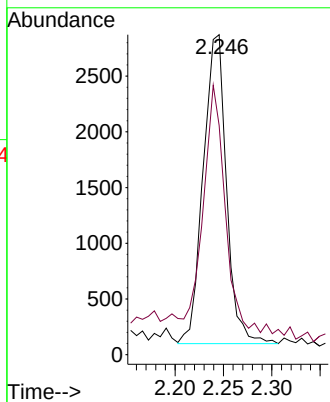
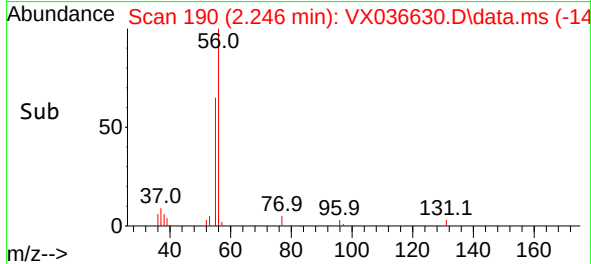
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2023



Tgt Ion: 56 Resp: 4650
Ion Ratio Lower Upper
56 100
55 79.1 57.1 85.7

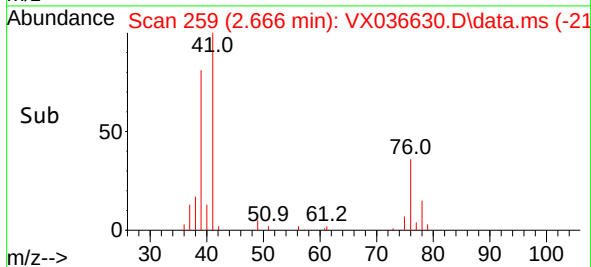
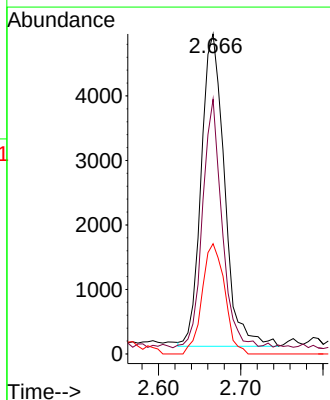
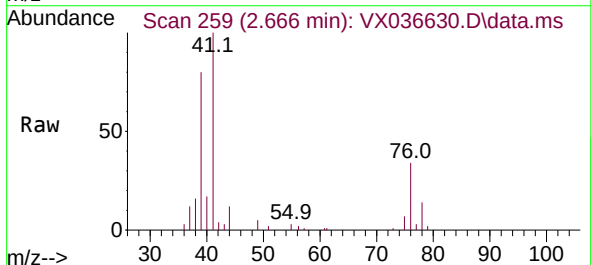
Manual Integrations
APPROVED

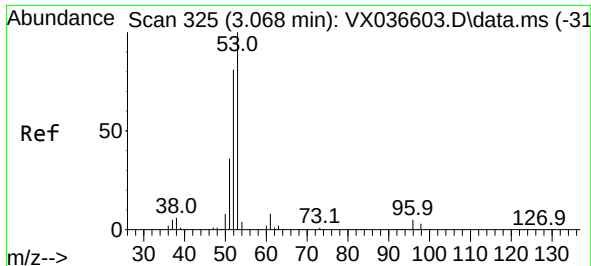
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#14
Allyl chloride
Concen: 2.404 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

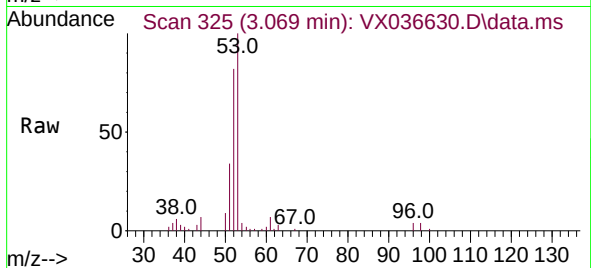
Tgt Ion: 41 Resp: 9546
Ion Ratio Lower Upper
41 100
39 66.8 55.8 83.6
76 34.0 24.3 36.5





#15
Acrylonitrile
Concen: 12.836 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

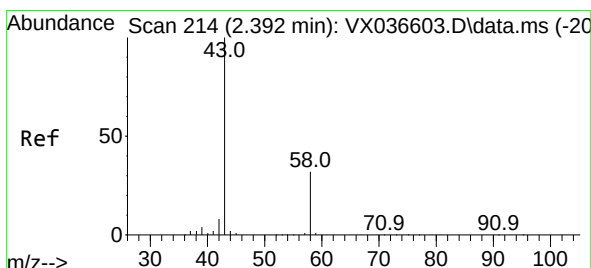
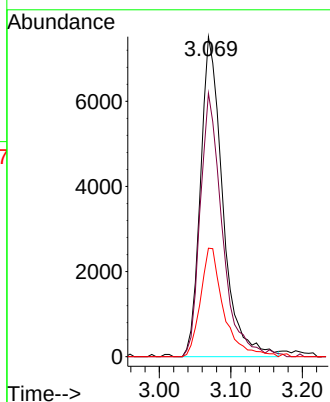
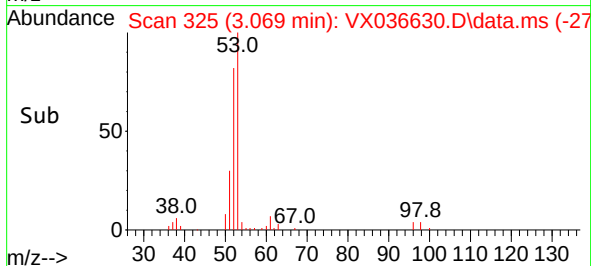
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion: 53 Resp: 16284
Ion Ratio Lower Upper
53 100
52 80.6 66.0 99.0
51 35.2 29.8 44.6

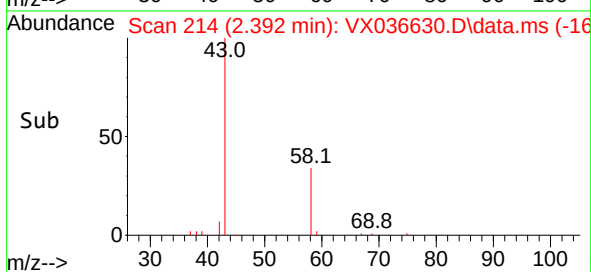
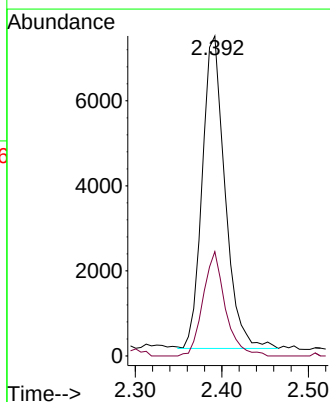
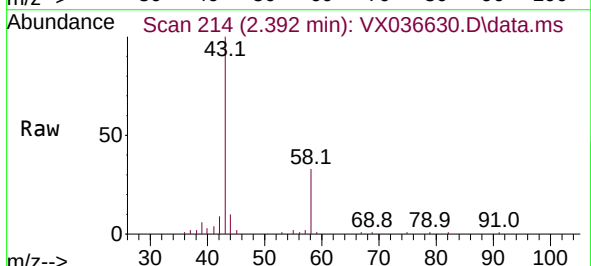
Manual Integrations
APPROVED

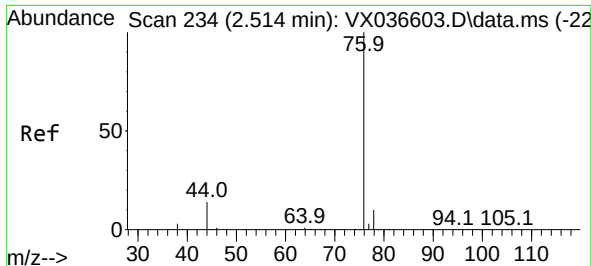
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#16
Acetone
Concen: 12.151 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

Tgt Ion: 43 Resp: 13435
Ion Ratio Lower Upper
43 100
58 33.4 21.9 32.9#





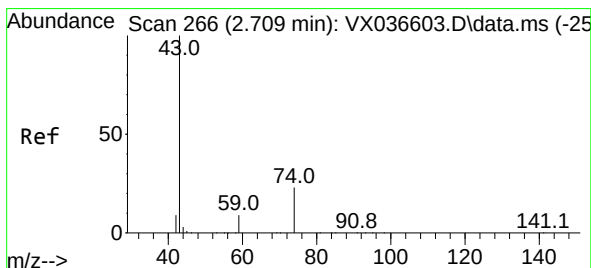
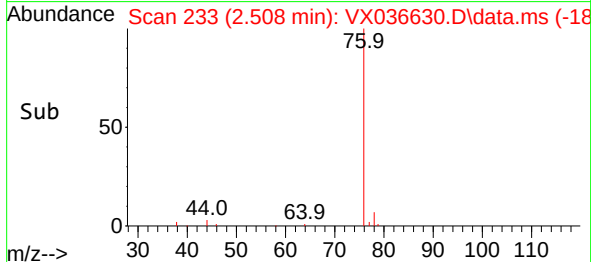
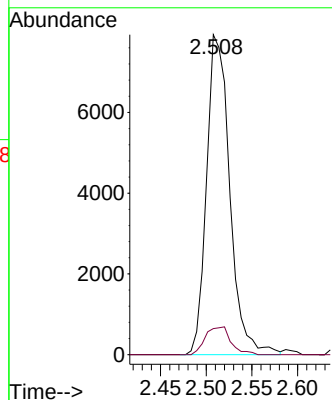
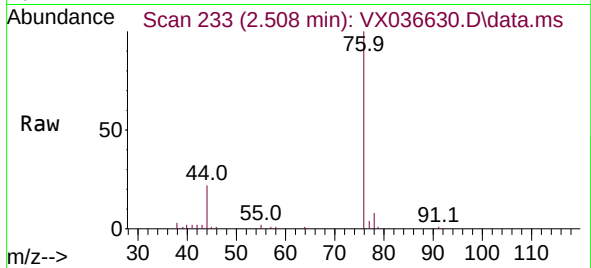
#17
Carbon Disulfide
Concen: 2.512 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023

Tgt Ion: 76 Resp: 1398
Ion Ratio Lower Upper
76 100
78 8.1 7.0 10.6

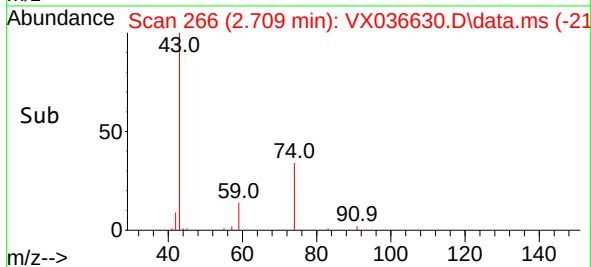
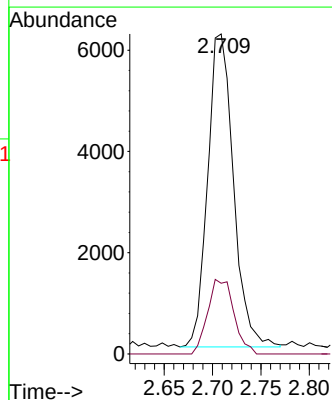
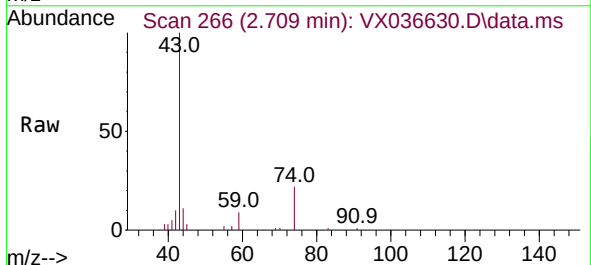
Manual Integrations
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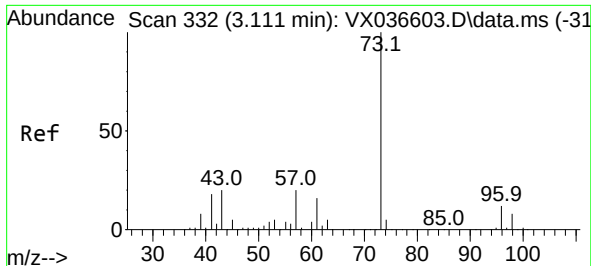
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#18
Methyl Acetate
Concen: 2.470 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

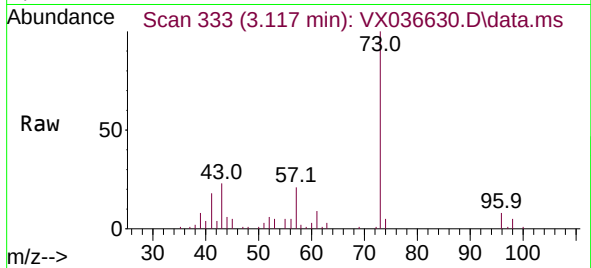
Tgt Ion: 43 Resp: 11488
Ion Ratio Lower Upper
43 100
74 24.1 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 2.522 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

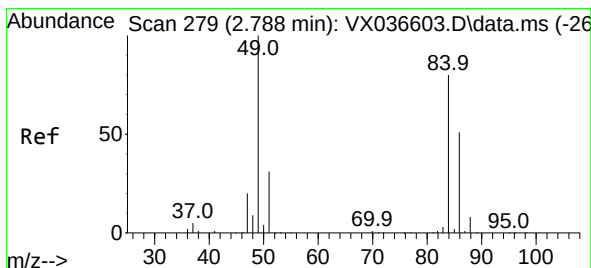
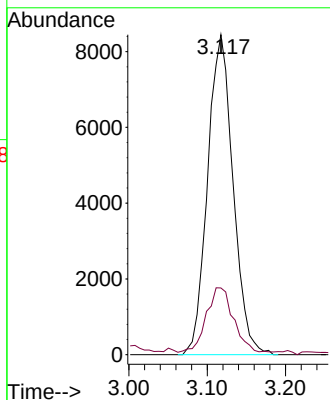
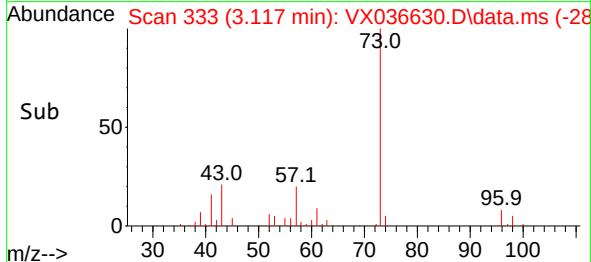
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion: 73 Resp: 19108
Ion Ratio Lower Upper
73 100
57 20.1 17.3 25.9

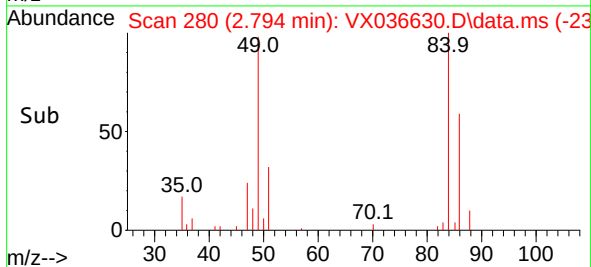
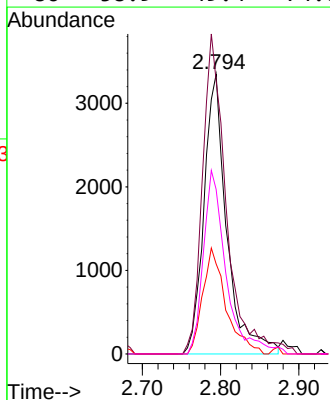
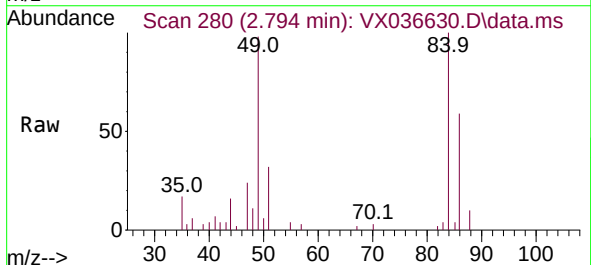
Manual Integrations
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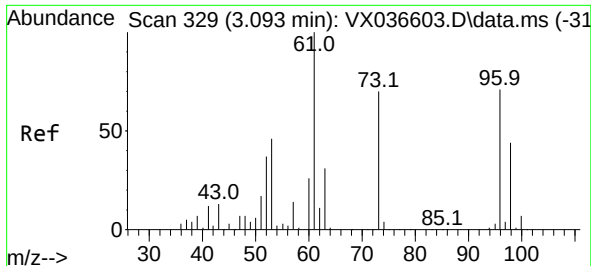
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#20
Methylene Chloride
Concen: 2.759 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

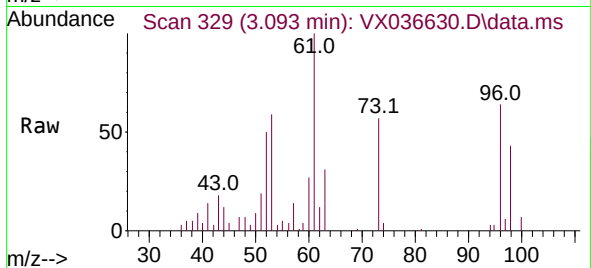
Tgt Ion: 84 Resp: 6785
Ion Ratio Lower Upper
84 100
49 97.8 103.6 155.4#
51 32.2 33.8 50.6#
86 58.9 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 2.476 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

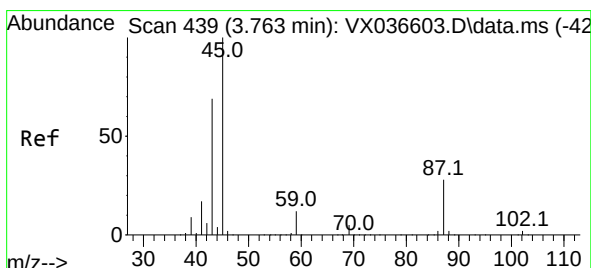
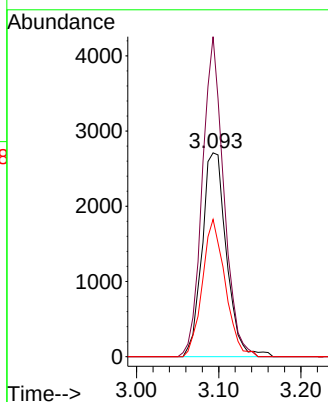
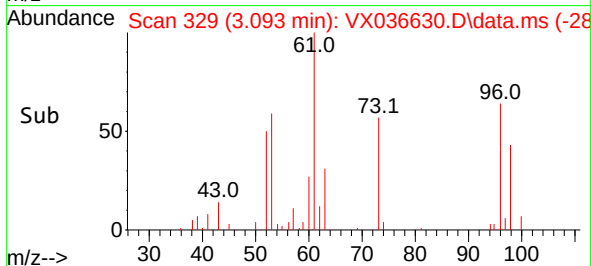
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023



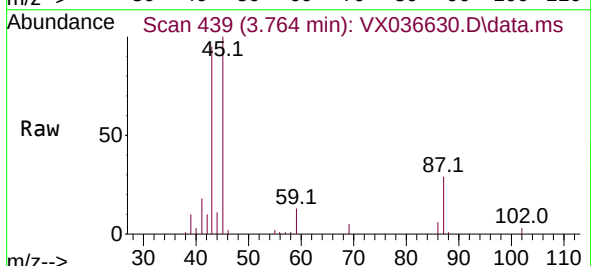
Tgt Ion: 96 Resp: 558
Ion Ratio Lower Upper
96 100
61 157.0 119.2 178.8
98 67.3 48.7 73.1

Manual Integrations
APPROVED

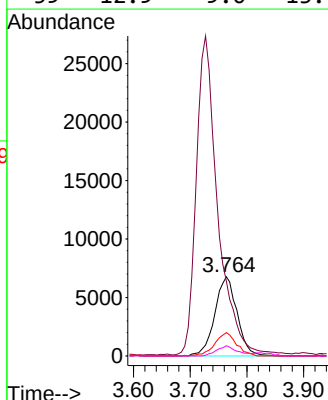
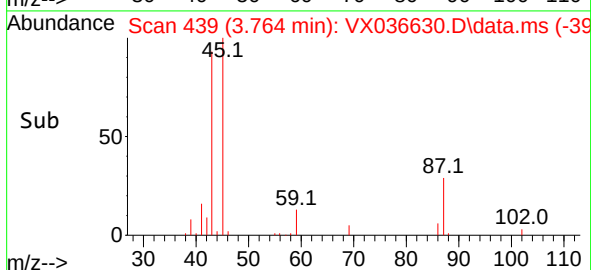
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

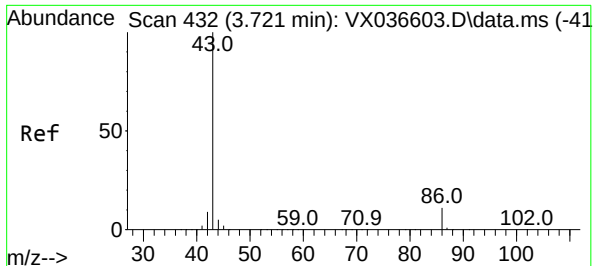


#22
Diisopropyl ether
Concen: 2.450 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58



Tgt Ion: 45 Resp: 18469
Ion Ratio Lower Upper
45 100
43 92.1 69.7 104.5
87 29.4 20.8 31.2
59 12.9 9.0 13.4





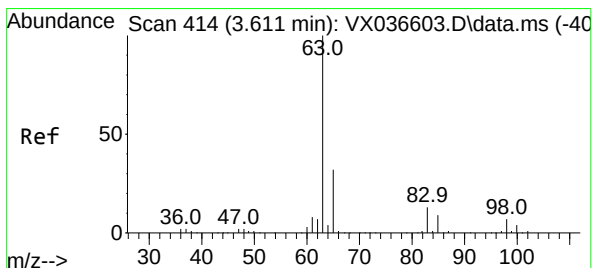
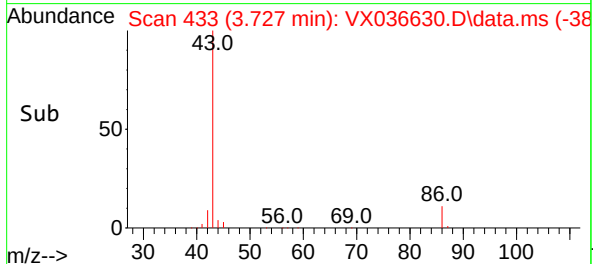
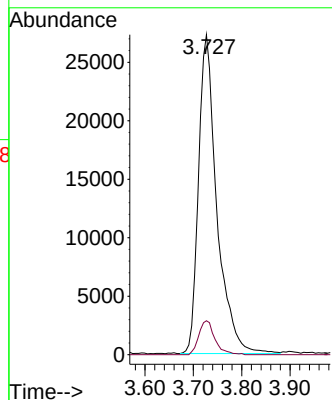
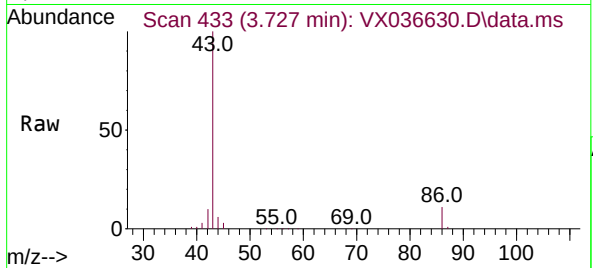
#23
 Vinyl Acetate
 Concen: 12.434 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX036630.D
 Acq: 24 Jul 2023 14:58

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2023

Tgt Ion: 43 Resp: 71909
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.8 11.8

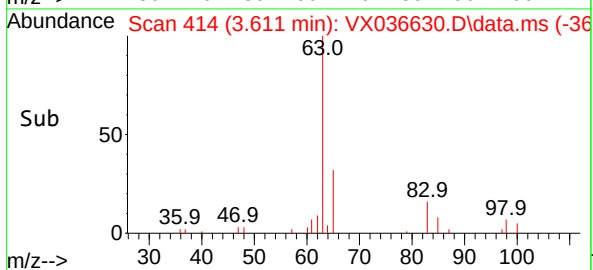
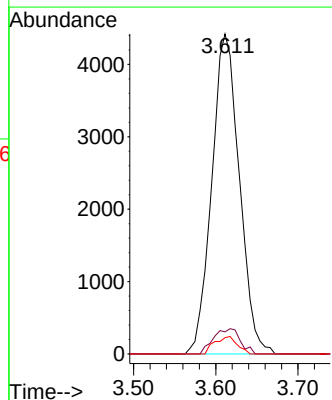
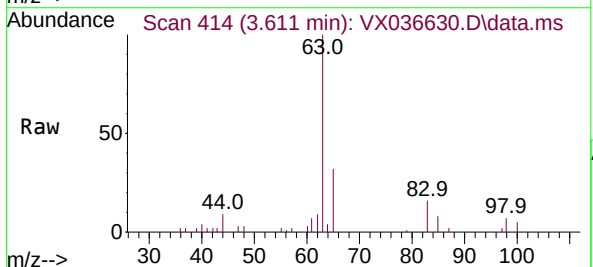
Manual Integrations
 APPROVED

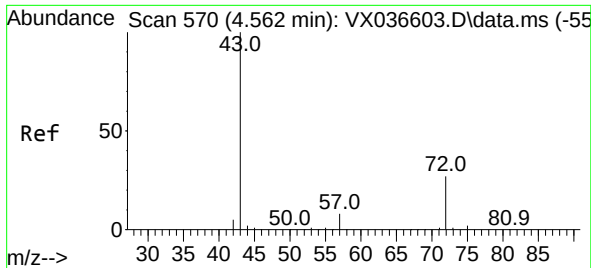
Reviewed By :John Carlone 07/25/2023
 Supervised By :Mahesh Dadoda 07/25/2023



#24
 1,1-Dichloroethane
 Concen: 2.439 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX036630.D
 Acq: 24 Jul 2023 14:58

Tgt Ion: 63 Resp: 10309
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.8
 100 5.1 2.1 6.5





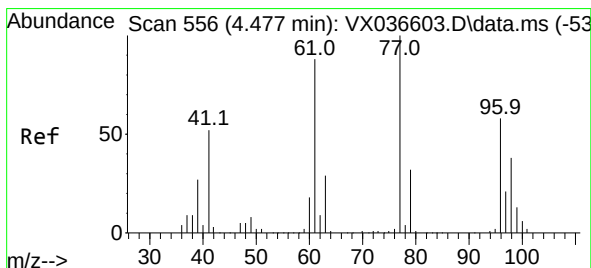
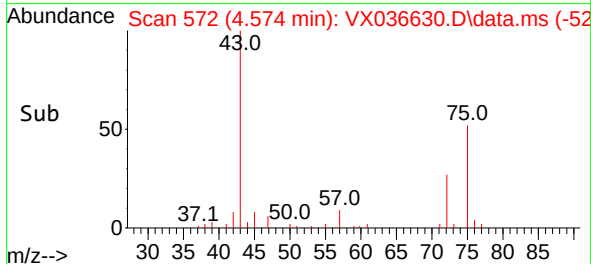
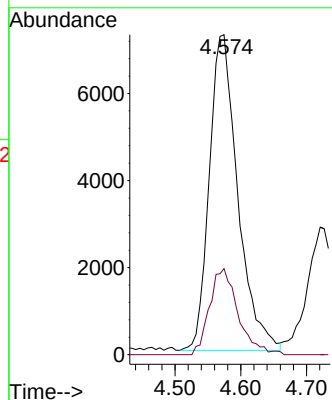
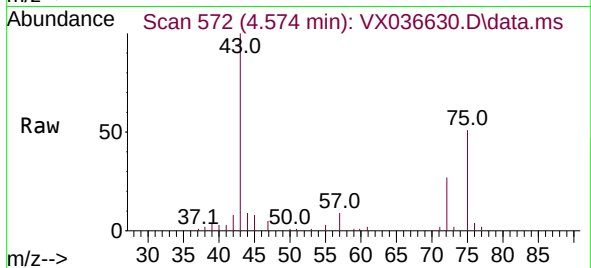
#25
2-Butanone
Concen: 12.167 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023

Tgt Ion: 43 Resp: 21820
Ion Ratio Lower Upper
43 100
72 27.3 19.4 29.2

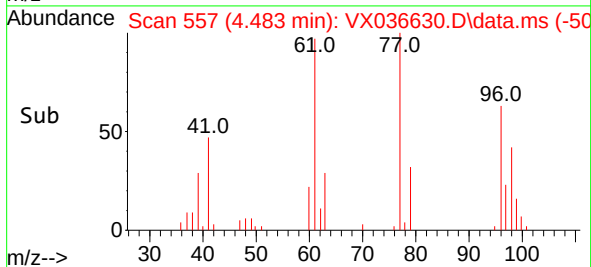
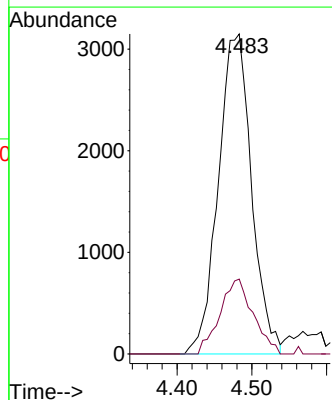
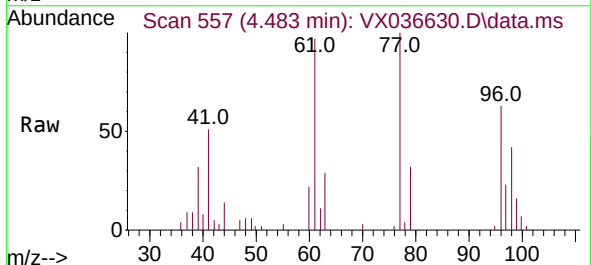
Manual Integrations
APPROVED

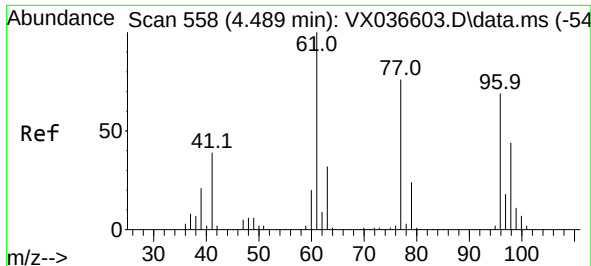
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#26
2,2-Dichloropropane
Concen: 2.446 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

Tgt Ion: 77 Resp: 9741
Ion Ratio Lower Upper
77 100
97 23.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 2.416 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX036630.D

Acq: 24 Jul 2023 14:58

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion: 96 Resp: 646

Ion Ratio Lower Upper

96 100

61 142.9 0.0 312.2

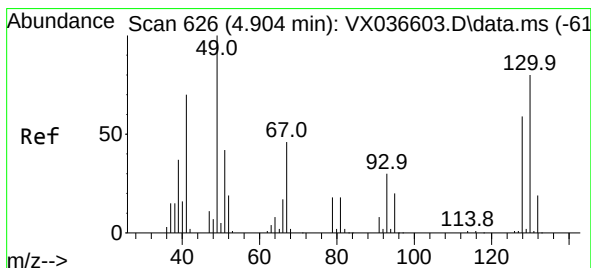
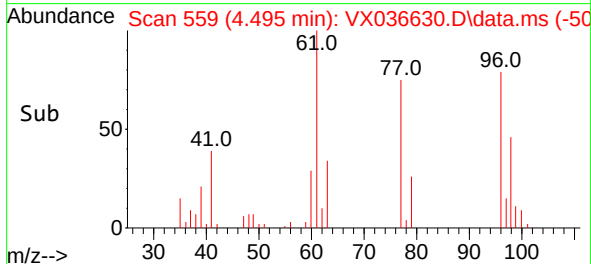
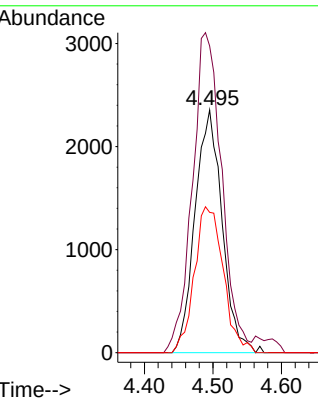
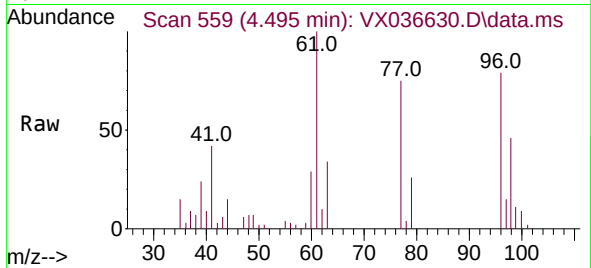
98 64.1 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#28

Bromochloromethane

Concen: 2.522 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.000 min

Lab File: VX036630.D

Acq: 24 Jul 2023 14:58

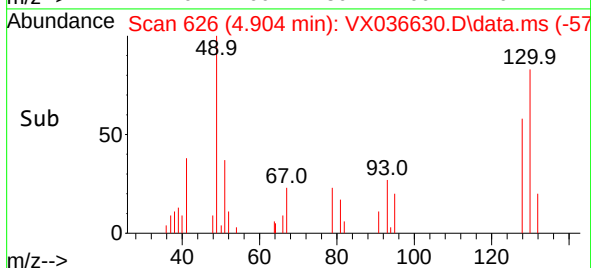
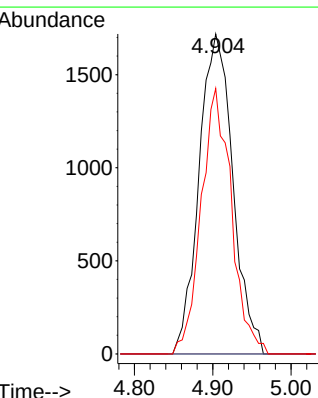
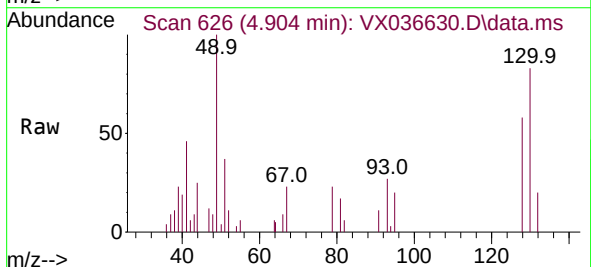
Tgt Ion: 49 Resp: 5155

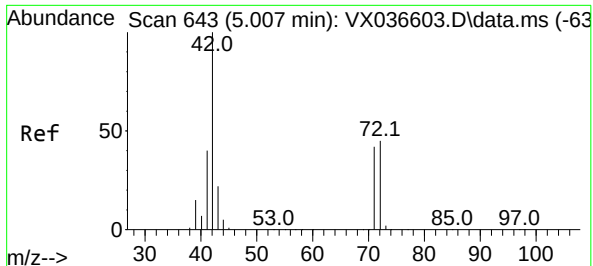
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 74.0 57.5 86.3





#29

Tetrahydrofuran

Concen: 12.682 ug/l

RT: 5.013 min Scan# 643

Delta R.T. 0.006 min

Lab File: VX036630.D

Acq: 24 Jul 2023 14:58

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

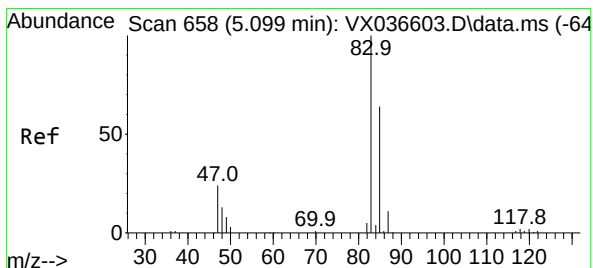
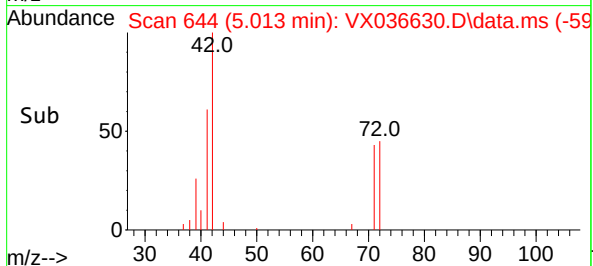
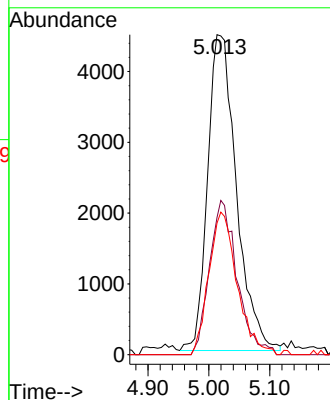
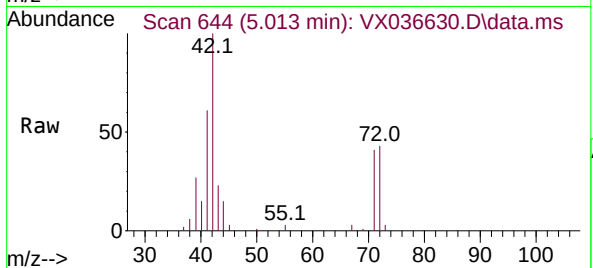
Tgt Ion:	42	Resp:	1466
Ion Ratio	Lower	Upper	
42	100		
72	46.8	34.2	51.4
71	44.2	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#30

Chloroform

Concen: 2.530 ug/l

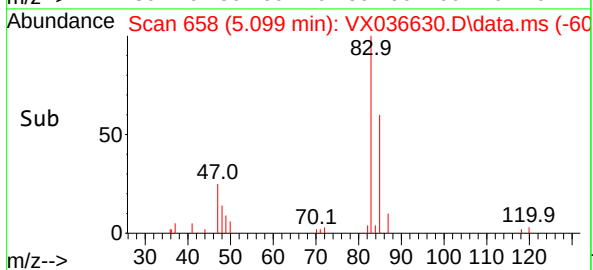
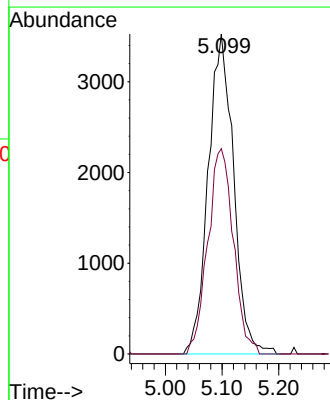
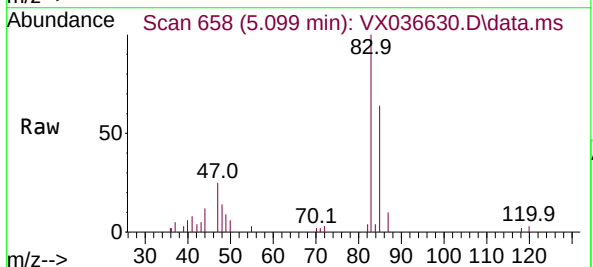
RT: 5.099 min Scan# 658

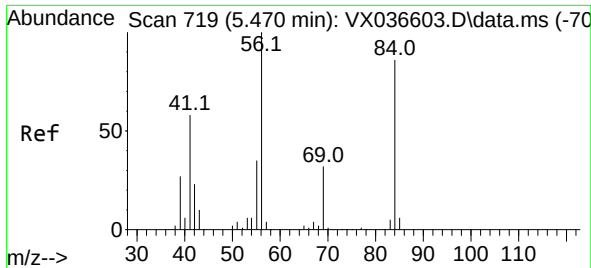
Delta R.T. 0.000 min

Lab File: VX036630.D

Acq: 24 Jul 2023 14:58

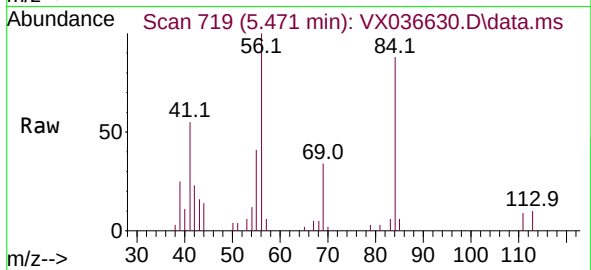
Tgt Ion:	83	Resp:	10942
Ion Ratio	Lower	Upper	
83	100		
85	64.2	50.3	75.5





#31
Cyclohexane
Concen: 2.474 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

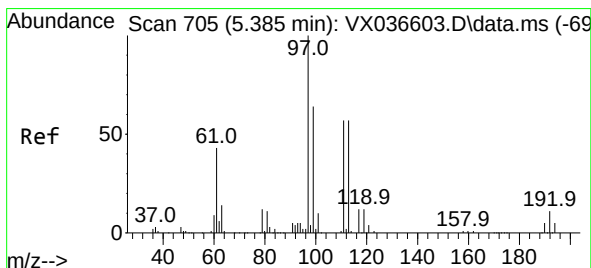
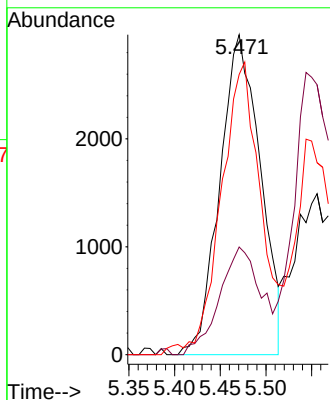
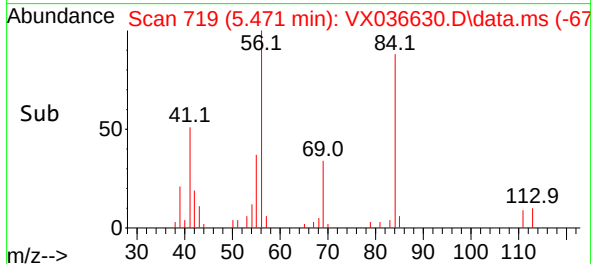
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion: 56 Resp: 912
Ion Ratio Lower Upper
56 100
69 33.6 23.4 35.2
84 84.4 65.9 98.9

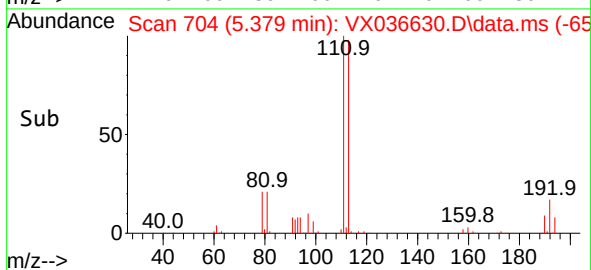
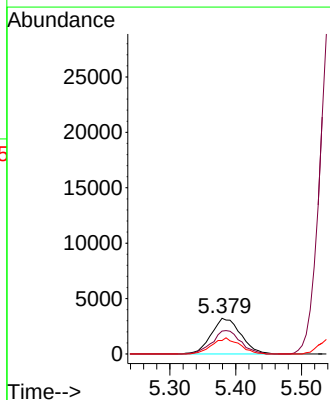
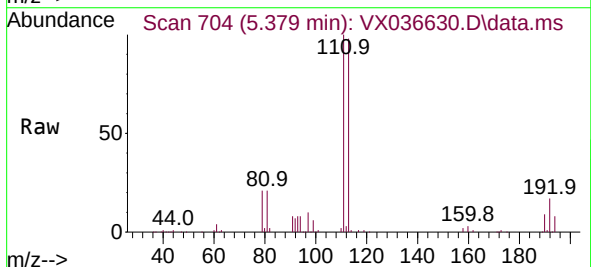
Manual Integrations
APPROVED

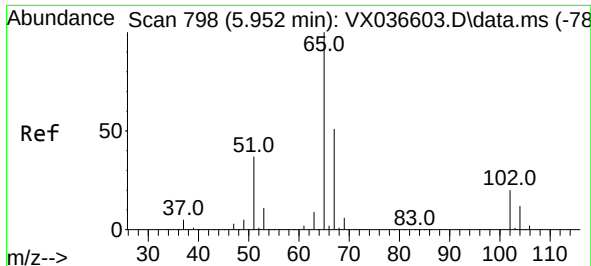
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#32
1,1,1-Trichloroethane
Concen: 2.536 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

Tgt Ion: 97 Resp: 10048
Ion Ratio Lower Upper
97 100
99 62.7 51.1 76.7
61 41.5 36.4 54.6





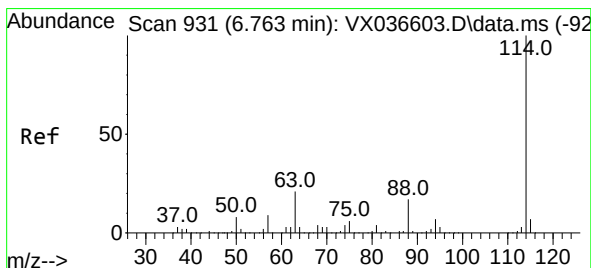
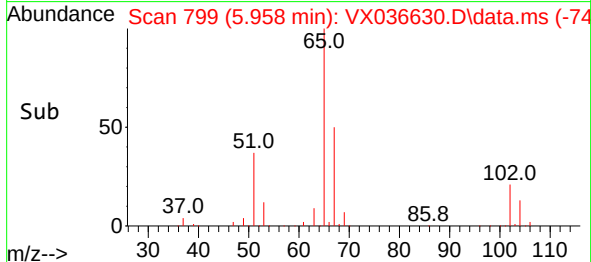
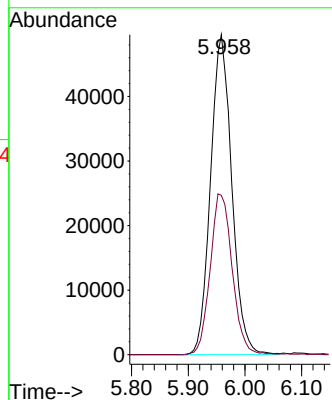
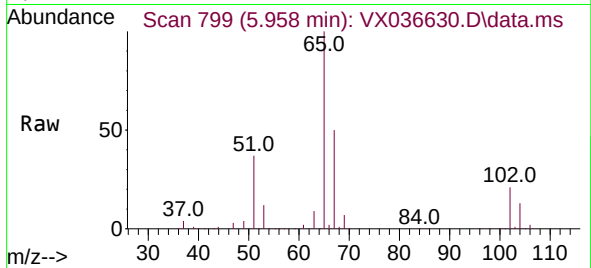
#33
1,2-Dichloroethane-d4
Concen: 48.412 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023

Tgt Ion: 65 Resp: 128998
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2

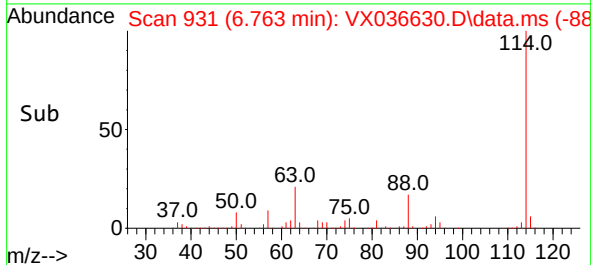
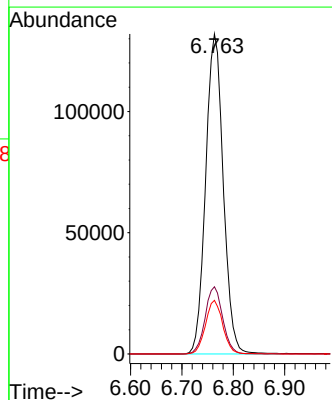
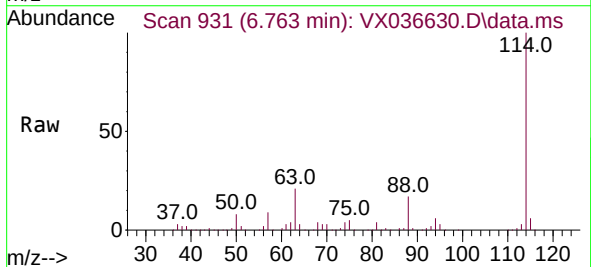
Manual Integrations
APPROVED

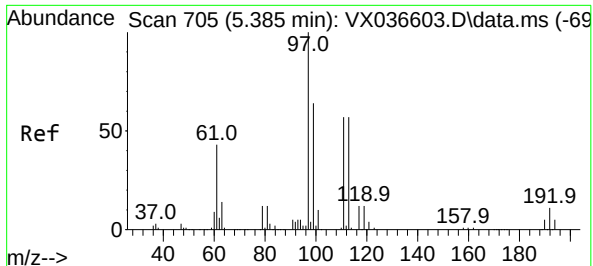
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

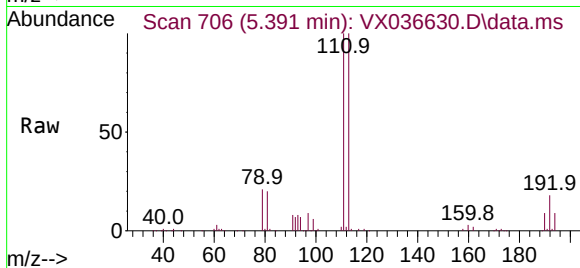
Tgt Ion:114 Resp: 314030
Ion Ratio Lower Upper
114 100
63 21.0 0.0 45.0
88 16.7 0.0 36.6





#35
Dibromofluoromethane
Concen: 48.405 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

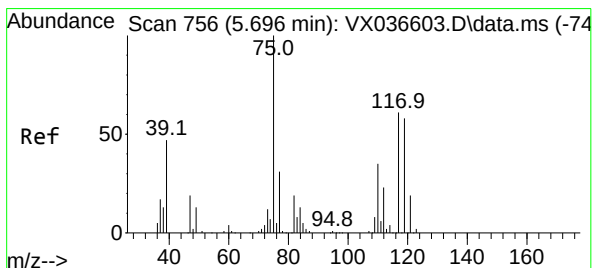
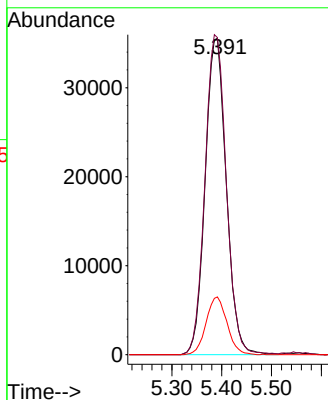
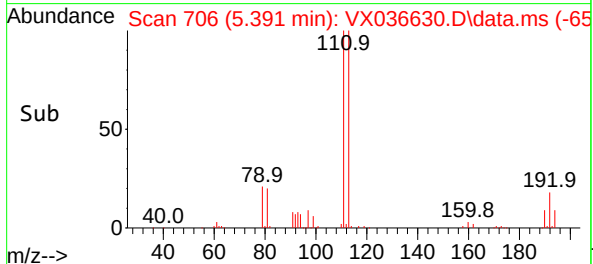
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion:113 Resp: 10448
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 18.1 13.3 19.9

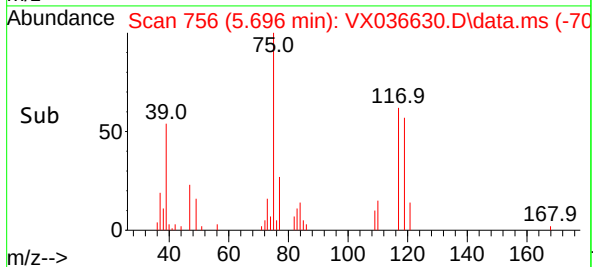
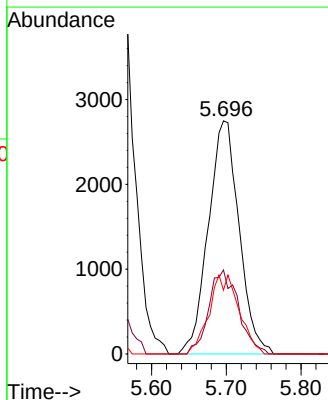
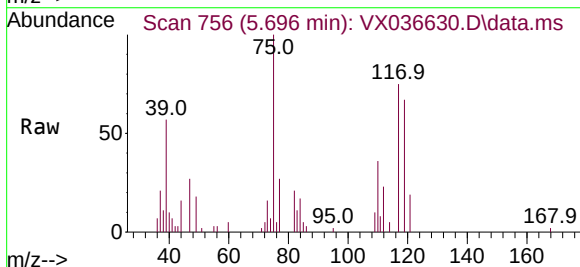
Manual Integrations
APPROVED

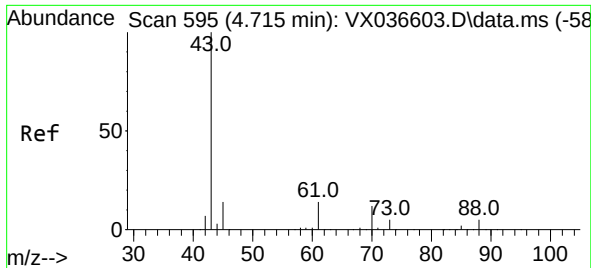
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#36
1,1-Dichloropropene
Concen: 2.451 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

Tgt Ion: 75 Resp: 7885
Ion Ratio Lower Upper
75 100
110 34.5 17.0 50.9
77 33.2 24.7 37.1





#37

Ethyl Acetate

Concen: 2.223 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX036630.D

Acq: 24 Jul 2023 14:58

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

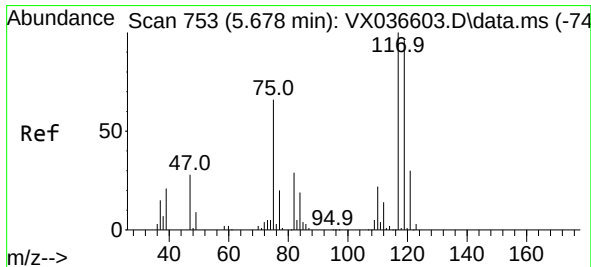
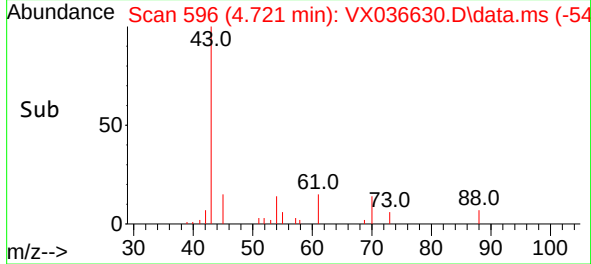
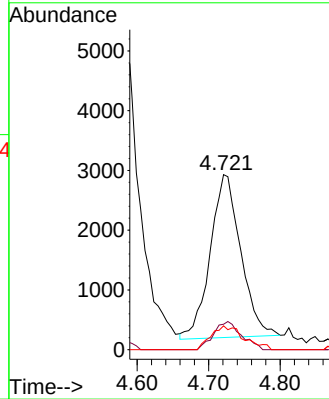
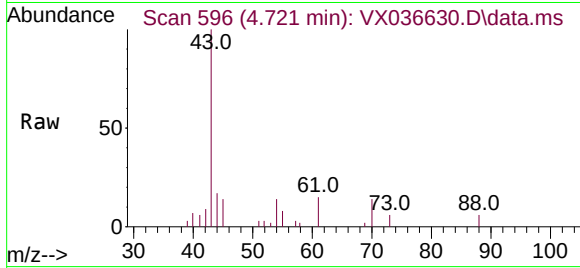
Tgt Ion:	43	Resp:	809
Ion	Ratio	Lower	Upper
43	100		
61	15.7	10.6	16.0
70	15.5	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#38

Carbon Tetrachloride

Concen: 2.473 ug/l

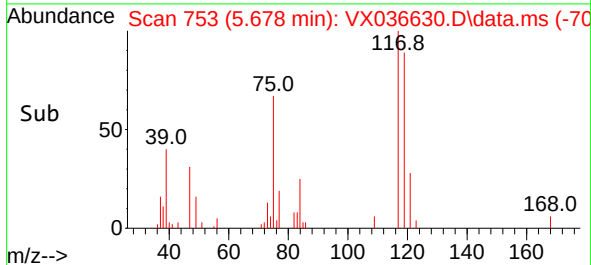
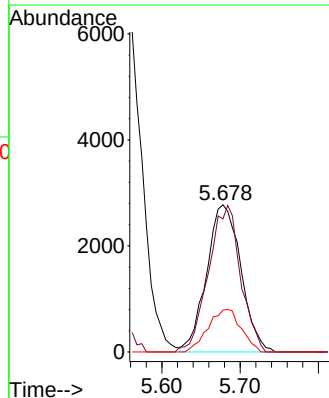
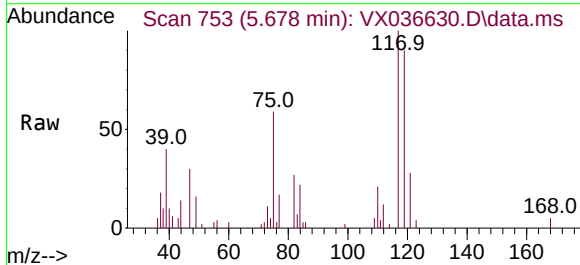
RT: 5.678 min Scan# 753

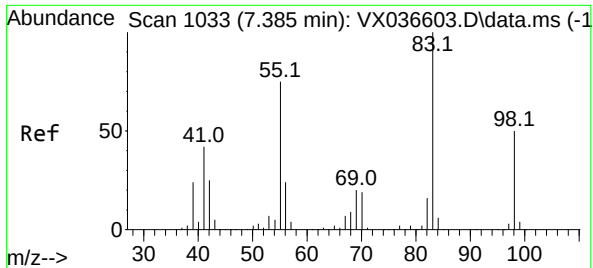
Delta R.T. 0.000 min

Lab File: VX036630.D

Acq: 24 Jul 2023 14:58

Tgt Ion:	117	Resp:	8459
Ion	Ratio	Lower	Upper
117	100		
119	90.4	78.2	117.2
121	28.3	24.4	36.6





#39

Methylcyclohexane

Concen: 2.476 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX036630.D

Acq: 24 Jul 2023 14:58

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion: 83 Resp: 990

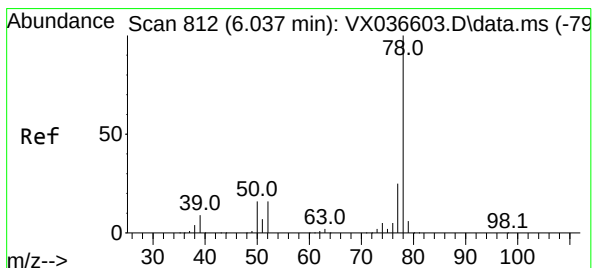
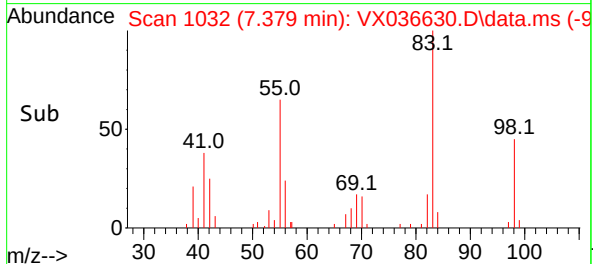
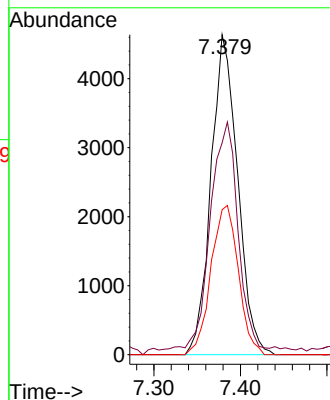
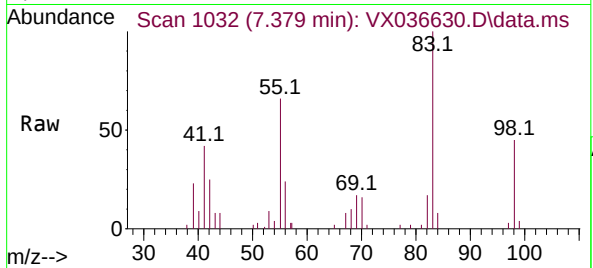
Ion	Ratio	Lower	Upper
83	100		
55	64.4	64.6	97.0
98	45.3	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#40

Benzene

Concen: 2.388 ug/l

RT: 6.044 min Scan# 813

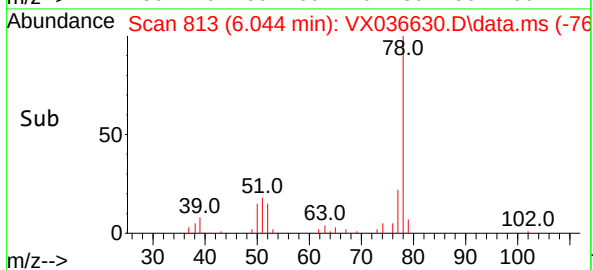
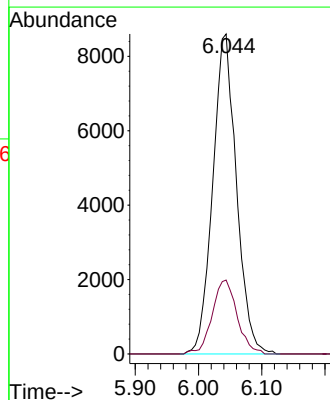
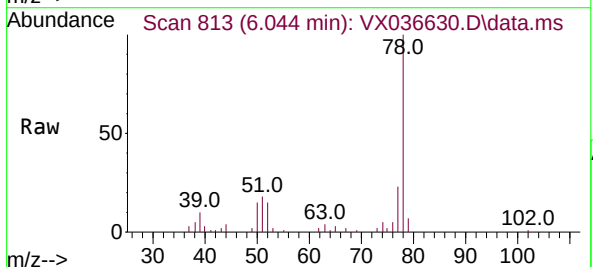
Delta R.T. 0.006 min

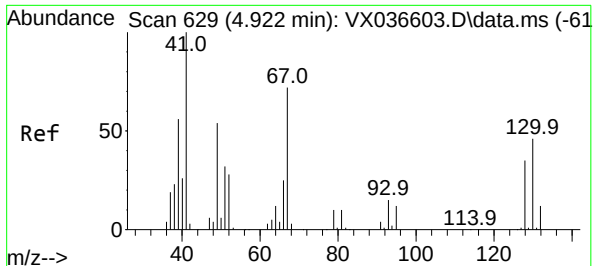
Lab File: VX036630.D

Acq: 24 Jul 2023 14:58

Tgt Ion: 78 Resp: 22351

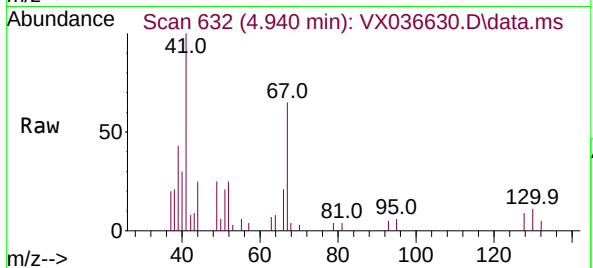
Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.3	28.9





#41
Methacrylonitrile
Concen: 2.336 ug/l
RT: 4.940 min Scan# 610
Delta R.T. 0.018 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

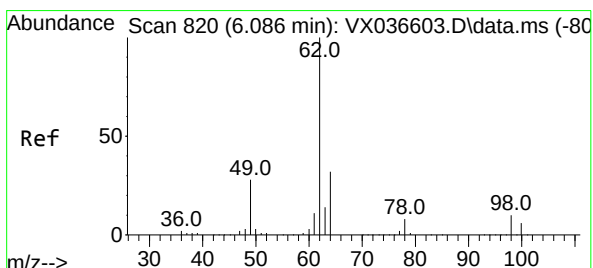
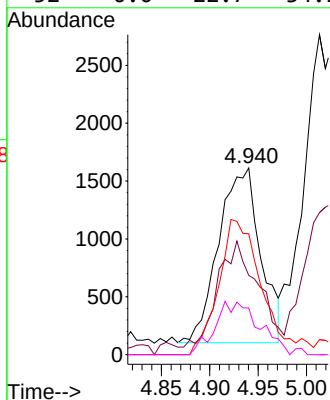
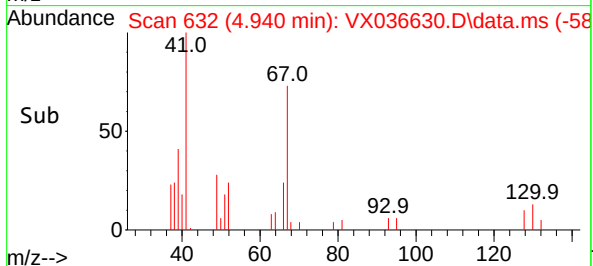
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion: 41 Resp: 4550
Ion Ratio Lower Upper
41 100
39 0.0 45.2 67.8
67 0.0 52.6 78.8
52 0.0 22.7 34.1

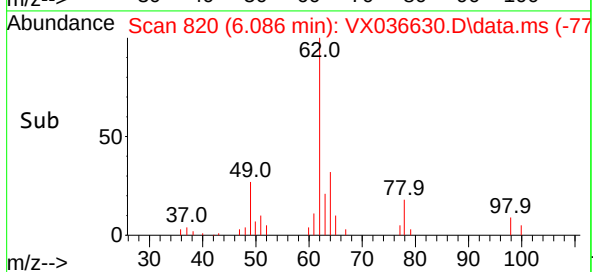
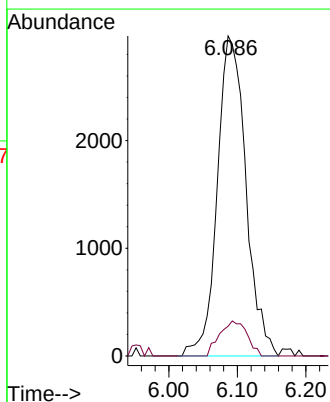
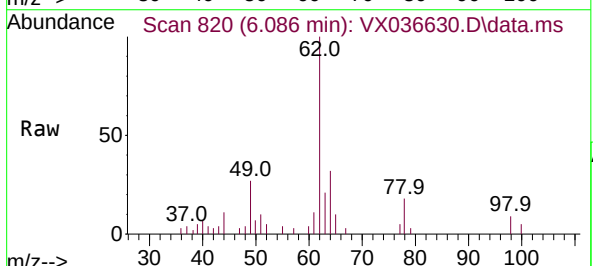
Manual Integrations
APPROVED

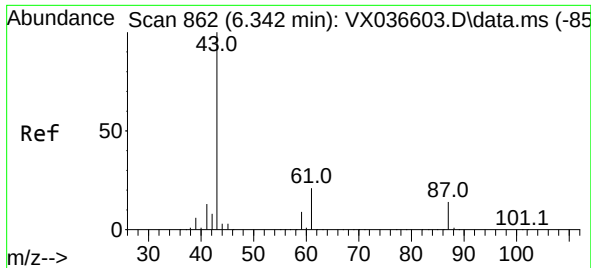
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#42
1,2-Dichloroethane
Concen: 2.516 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

Tgt Ion: 62 Resp: 8610
Ion Ratio Lower Upper
62 100
98 10.5 0.0 16.0





#43

Isopropyl Acetate

Concen: 2.403 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX036630.D

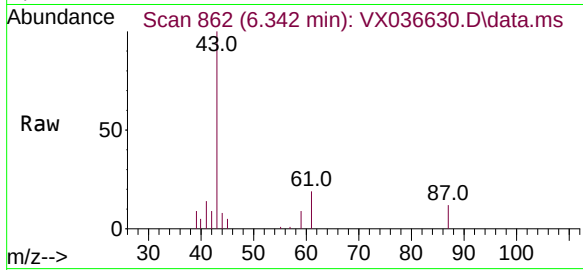
Acq: 24 Jul 2023 14:58

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023



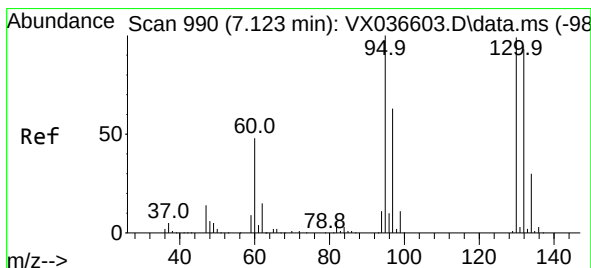
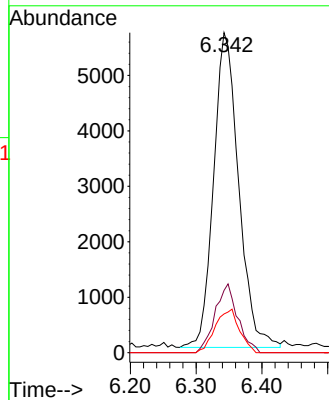
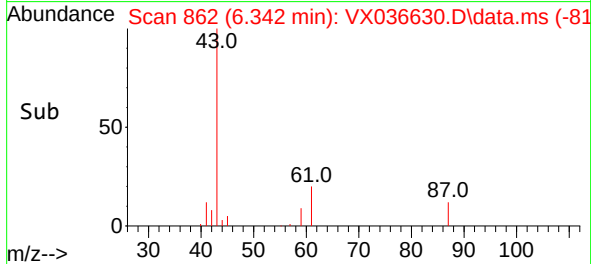
Tgt Ion:	43	Resp:	1506
Ion Ratio	Lower	Upper	
43	100		
61	19.8	15.2	22.8
87	13.3	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#44

Trichloroethene

Concen: 2.389 ug/l

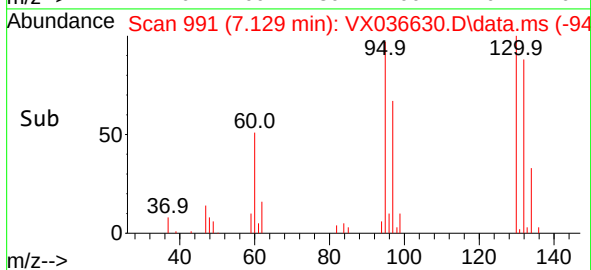
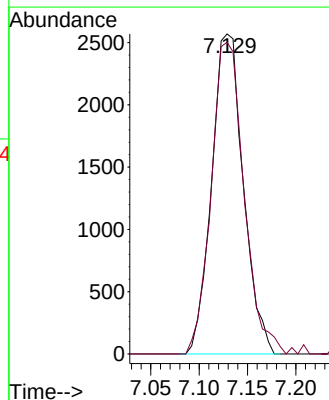
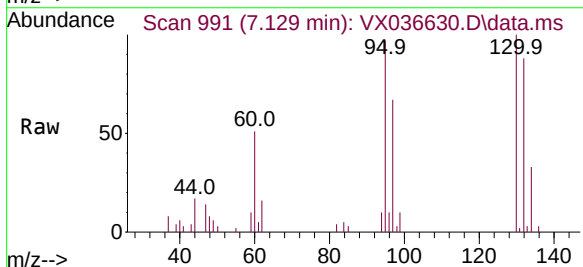
RT: 7.129 min Scan# 991

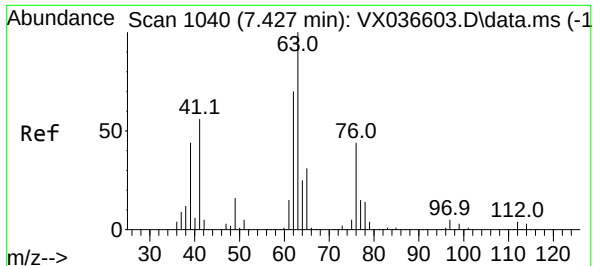
Delta R.T. 0.006 min

Lab File: VX036630.D

Acq: 24 Jul 2023 14:58

Tgt Ion:	130	Resp:	5846
Ion Ratio	Lower	Upper	
130	100		
95	97.4	0.0	204.4





#45

1,2-Dichloropropane

Concen: 2.408 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX036630.D

Acq: 24 Jul 2023 14:58

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion: 63 Resp: 6018

Ion Ratio Lower Upper

63 100

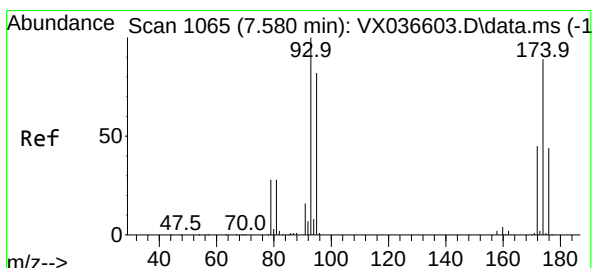
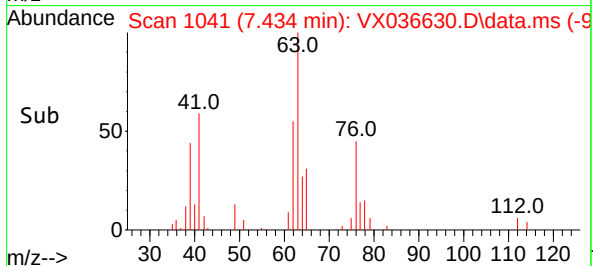
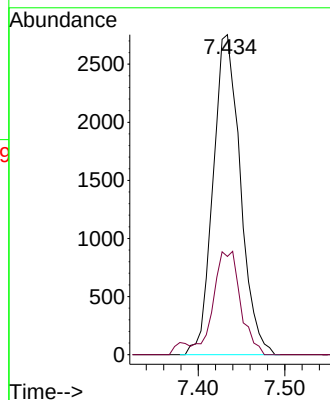
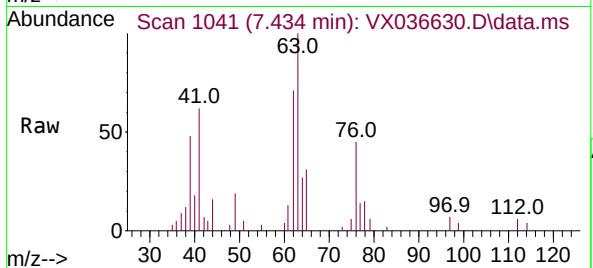
65 30.7 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#46

Dibromomethane

Concen: 2.336 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX036630.D

Acq: 24 Jul 2023 14:58

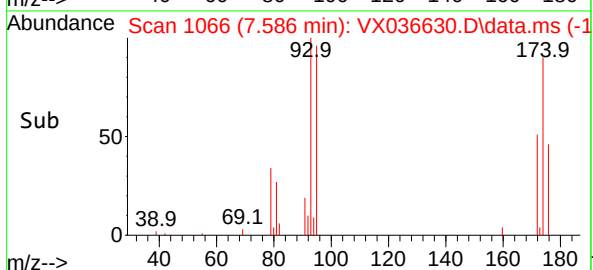
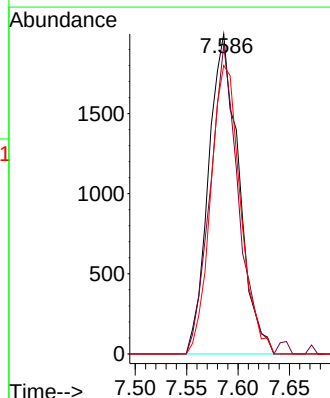
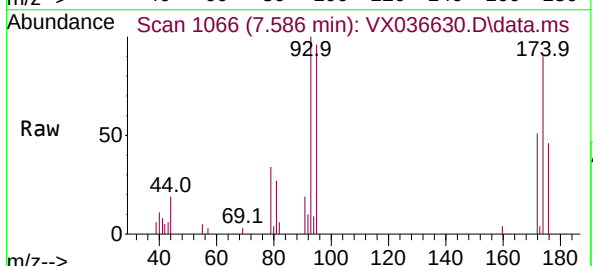
Tgt Ion: 93 Resp: 4085

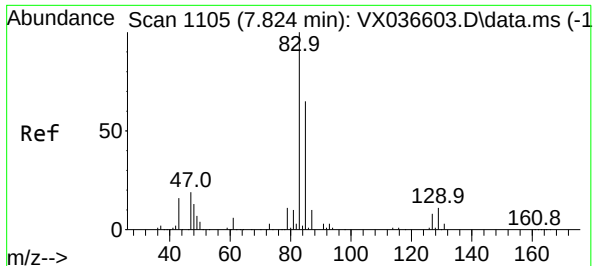
Ion Ratio Lower Upper

93 100

95 90.0 66.6 100.0

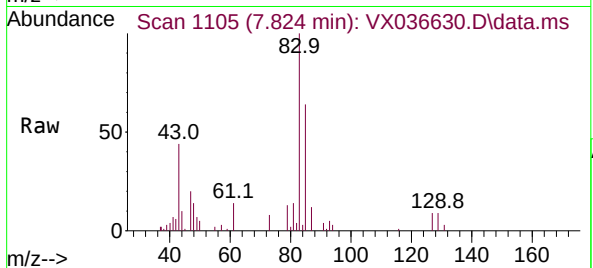
174 88.7 69.4 104.0





#47
Bromodichloromethane
Concen: 2.343 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

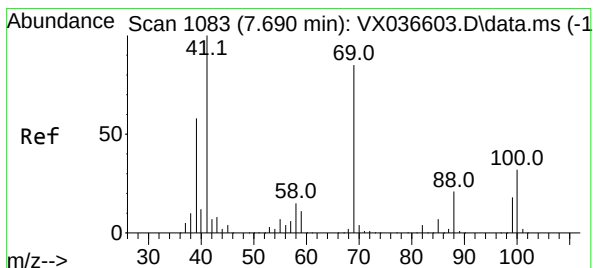
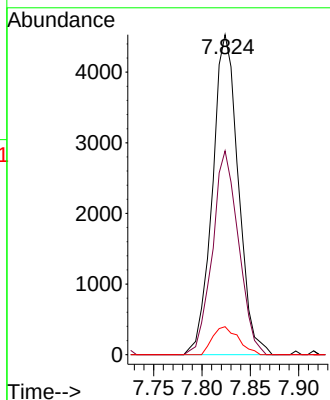
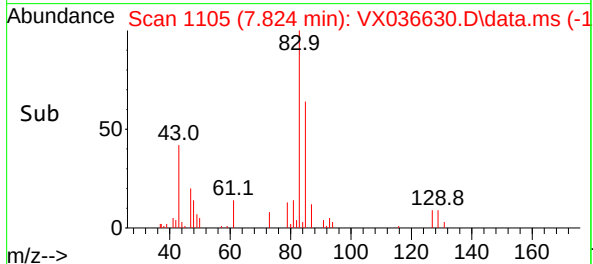
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2023



Tgt Ion: 83 Resp: 8410
Ion Ratio Lower Upper
83 100
85 63.7 49.8 74.6
127 8.7 7.1 10.7

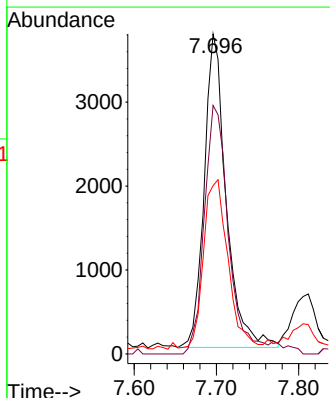
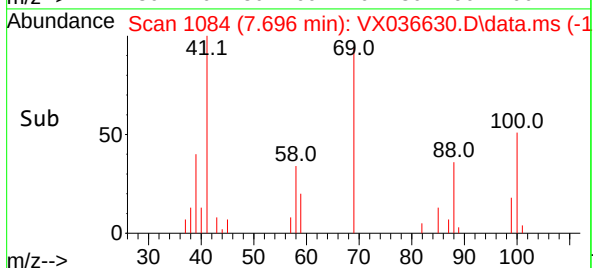
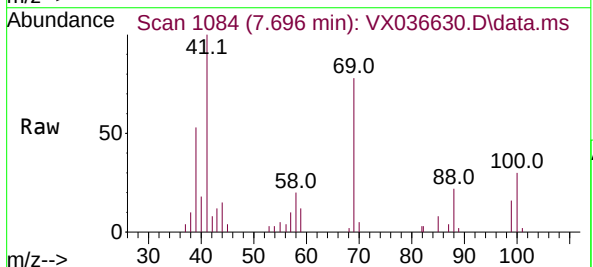
Manual Integrations
APPROVED

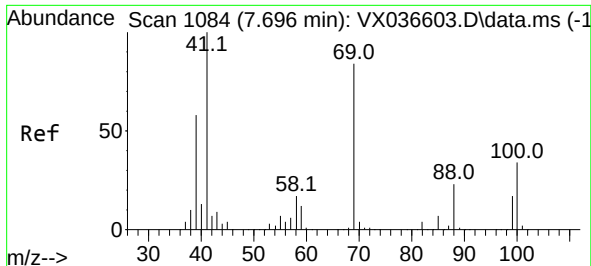
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#48
Methyl methacrylate
Concen: 2.382 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

Tgt Ion: 41 Resp: 6943
Ion Ratio Lower Upper
41 100
69 87.3 59.2 88.8
39 59.5 47.7 71.5





#49

1,4-Dioxane

Concen: 47.004 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. 0.006 min

Lab File: VX036630.D

Acq: 24 Jul 2023 14:58

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

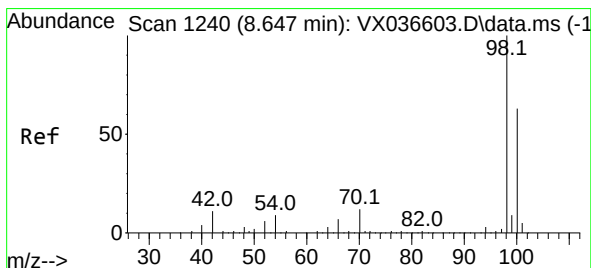
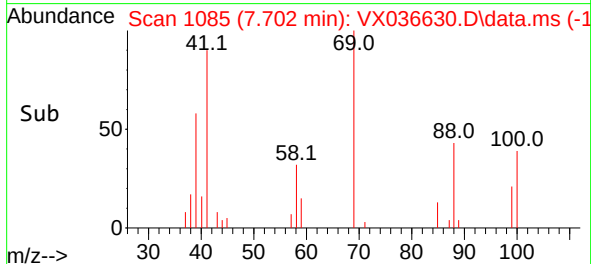
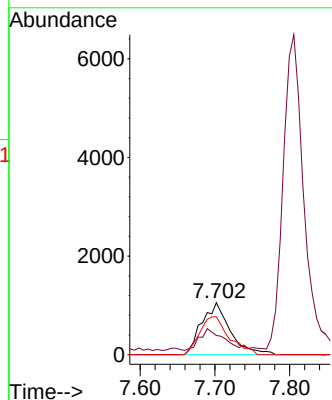
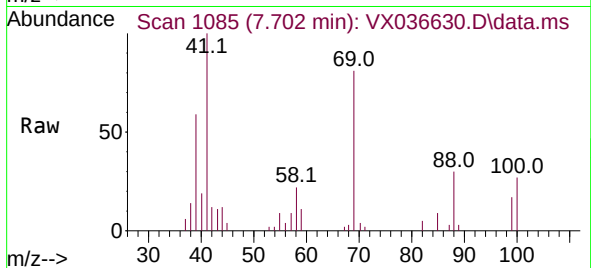
Tgt Ion: 88 Resp: 2768
 Ion Ratio Lower Upper
 88 100
 43 37.8 0.0 0.0
 58 75.5 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#50

Toluene-d8

Concen: 48.265 ug/l

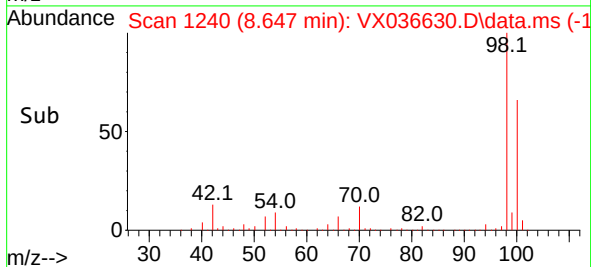
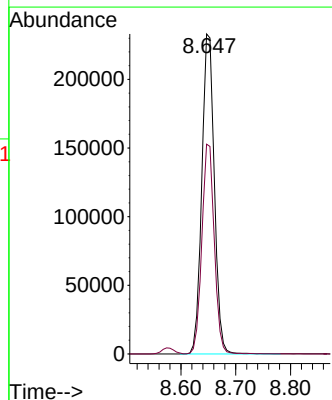
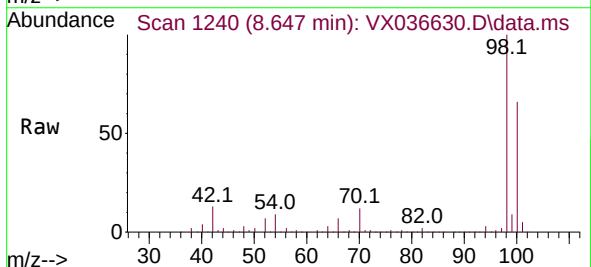
RT: 8.647 min Scan# 1240

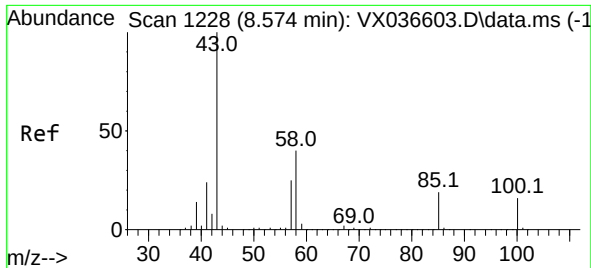
Delta R.T. 0.000 min

Lab File: VX036630.D

Acq: 24 Jul 2023 14:58

Tgt Ion: 98 Resp: 369440
 Ion Ratio Lower Upper
 98 100
 100 64.9 53.1 79.7





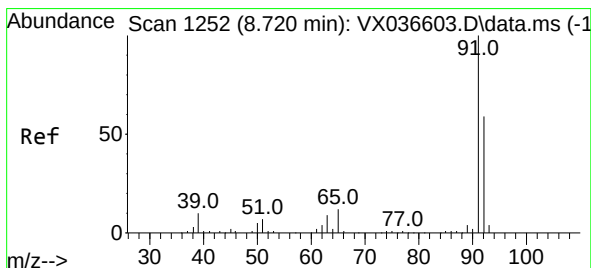
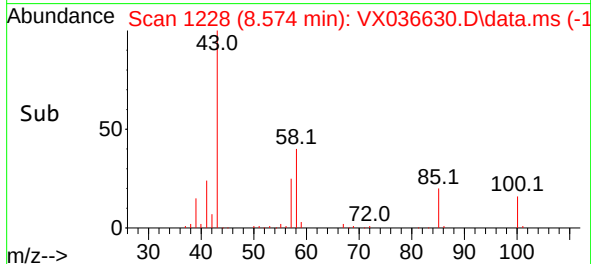
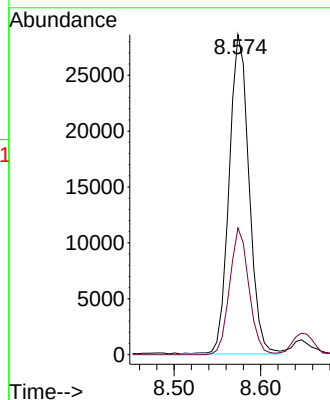
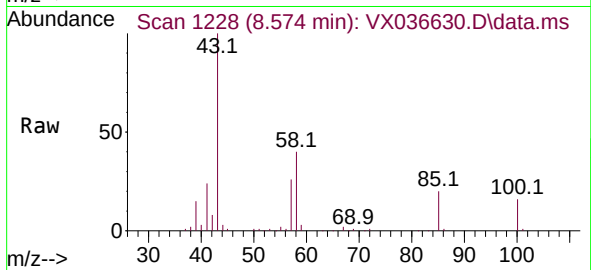
#51
4-Methyl-2-Pentanone
Concen: 13.101 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2023

Tgt Ion: 43 Resp: 4544
Ion Ratio Lower Upper
43 100
58 38.5 30.4 45.6

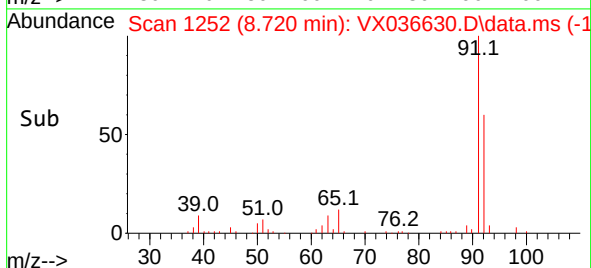
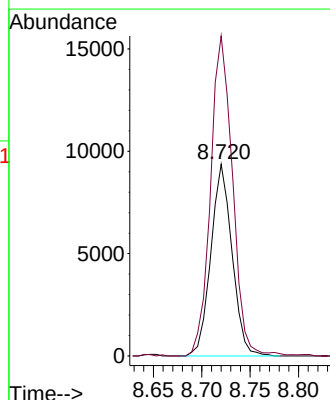
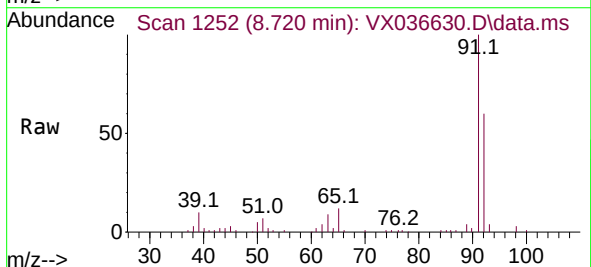
Manual Integrations
APPROVED

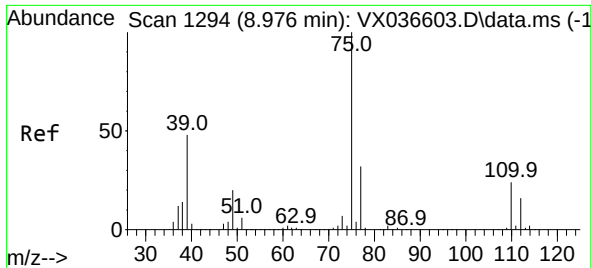
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#52
Toluene
Concen: 2.437 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

Tgt Ion: 92 Resp: 14294
Ion Ratio Lower Upper
92 100
91 173.4 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 2.284 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX036630.D

Acq: 24 Jul 2023 14:58

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion: 75 Resp: 926

Ion Ratio Lower Upper

75 100

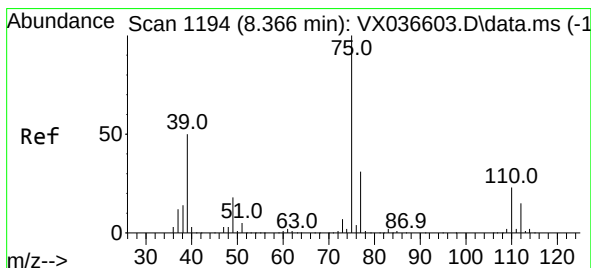
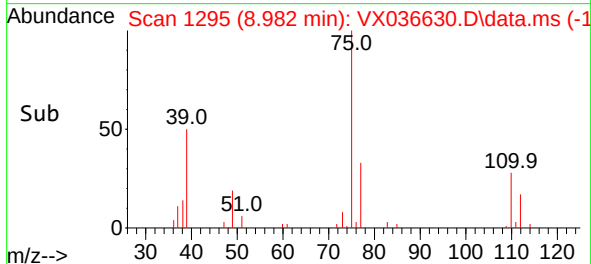
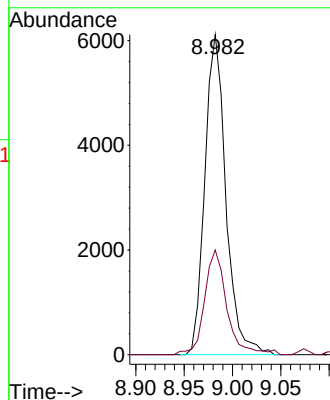
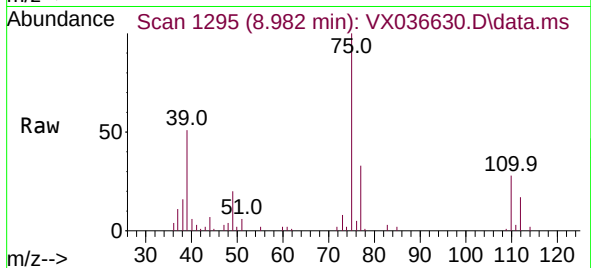
77 32.7 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#54

cis-1,3-Dichloropropene

Concen: 2.324 ug/l

RT: 8.373 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX036630.D

Acq: 24 Jul 2023 14:58

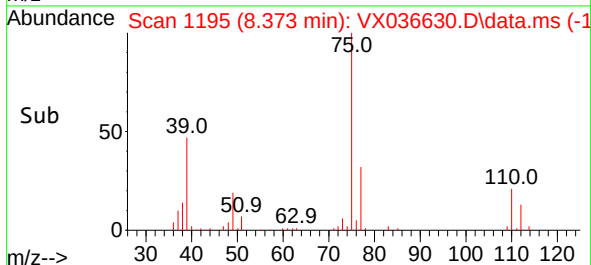
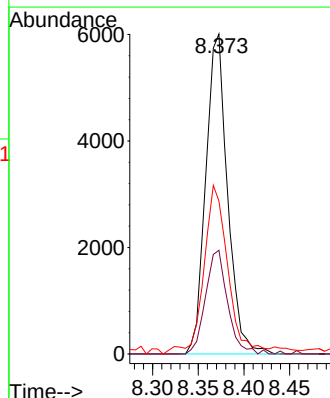
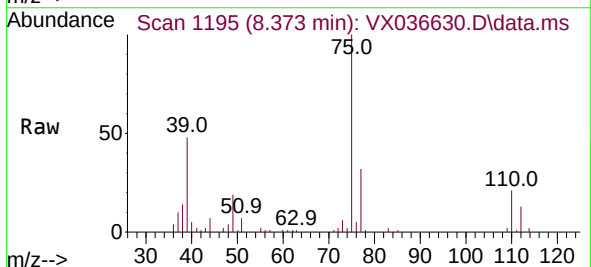
Tgt Ion: 75 Resp: 9949

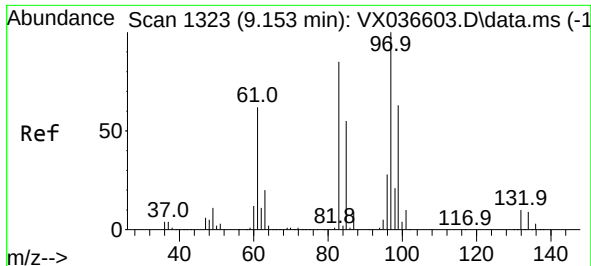
Ion Ratio Lower Upper

75 100

77 32.4 25.3 37.9

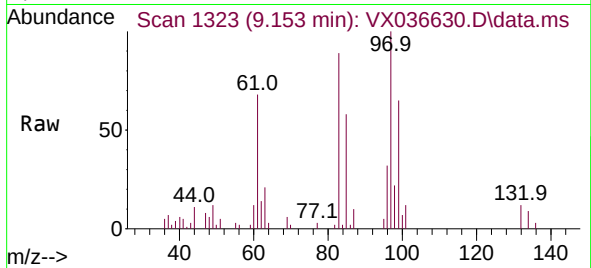
39 46.0 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 2.354 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

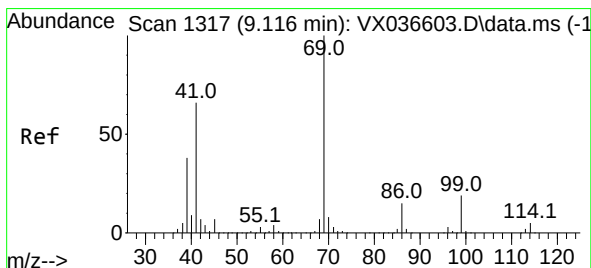
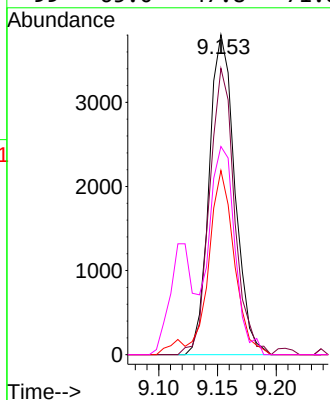
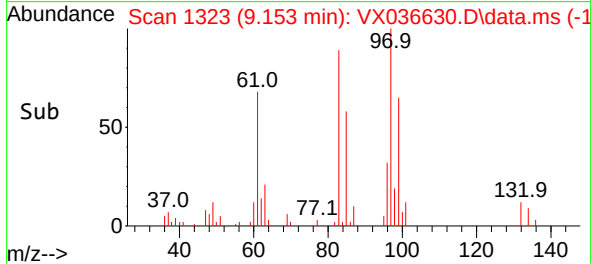
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2023



Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.5	65.8	98.8
85	57.5	41.6	62.4
99	65.0	47.8	71.8

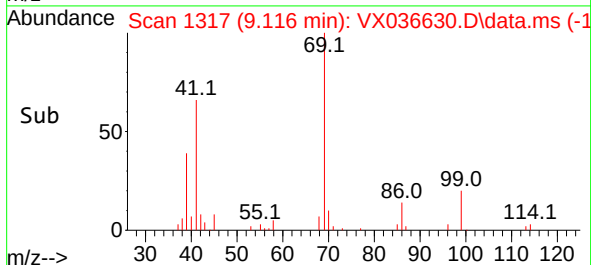
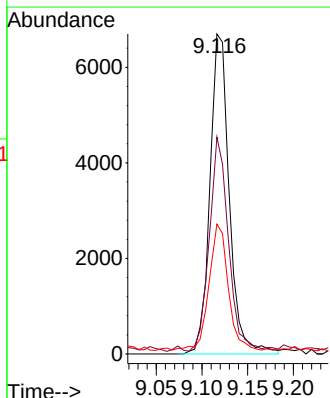
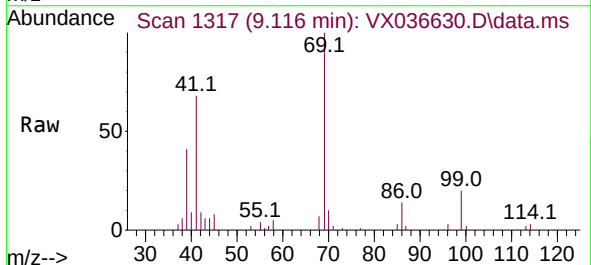
Manual Integrations
APPROVED

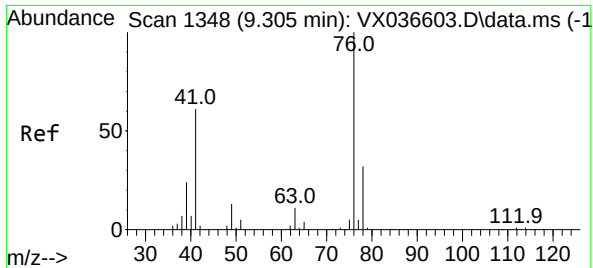
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#56
Ethyl methacrylate
Concen: 2.456 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.5	56.8	85.2
39	39.2	32.0	48.0





#57

1,3-Dichloropropane

Concen: 2.485 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.006 min

Lab File: VX036630.D

Acq: 24 Jul 2023 14:58

Instrument :

MSVOA_X

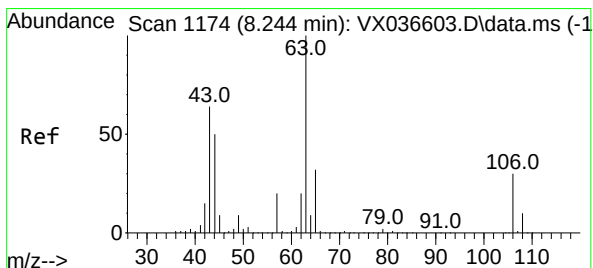
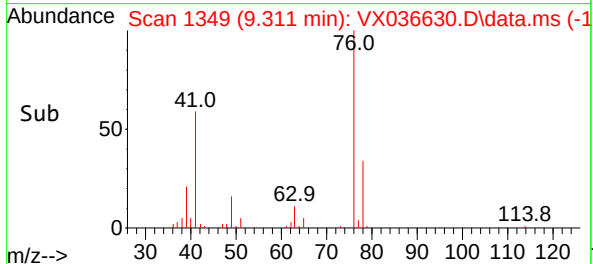
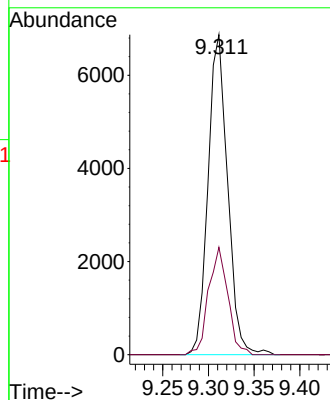
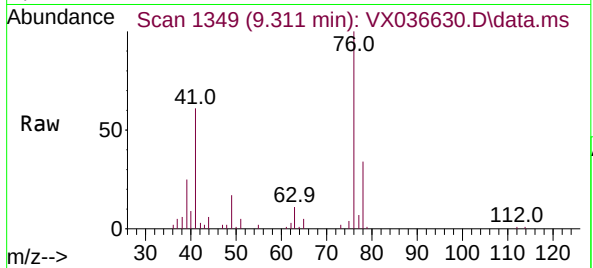
ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion: 76 Resp: 10204
 Ion Ratio Lower Upper
 76 100
 78 33.2 26.1 39.1

Manual Integrations
 APPROVED

Reviewed By :John Carlone 07/25/2023
 Supervised By :Mahesh Dadoda 07/25/2023



#58

2-Chloroethyl Vinyl ether

Concen: 12.636 ug/l

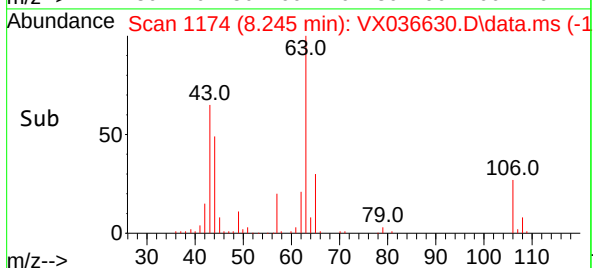
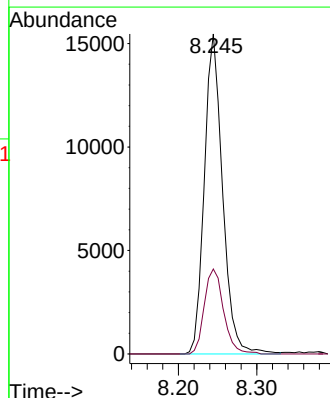
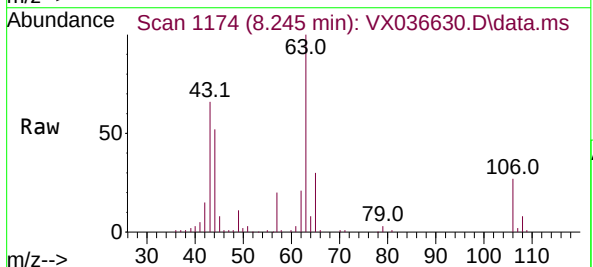
RT: 8.245 min Scan# 1174

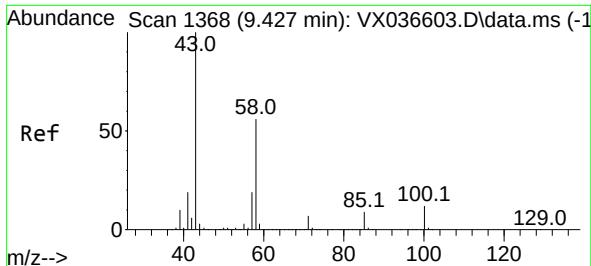
Delta R.T. 0.000 min

Lab File: VX036630.D

Acq: 24 Jul 2023 14:58

Tgt Ion: 63 Resp: 24996
 Ion Ratio Lower Upper
 63 100
 106 28.0 22.5 33.7





#59

2-Hexanone

Concen: 12.888 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX036630.D

Acq: 24 Jul 2023 14:58

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion: 43 Resp: 33179

Ion Ratio Lower Upper

43 100

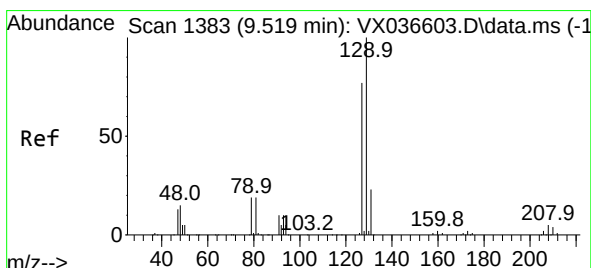
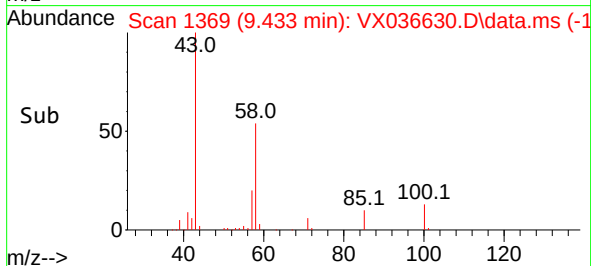
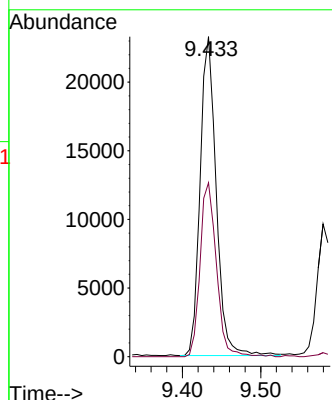
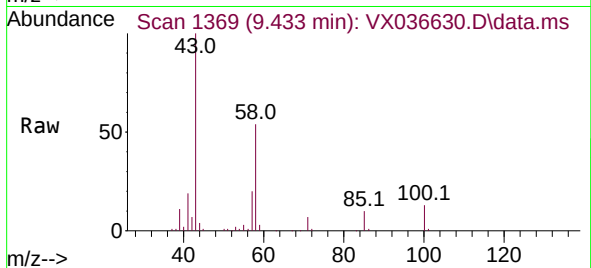
58 55.1 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#60

Dibromochloromethane

Concen: 2.432 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX036630.D

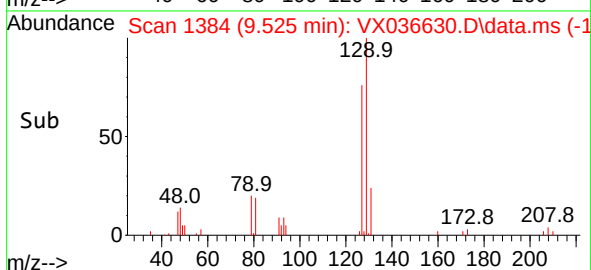
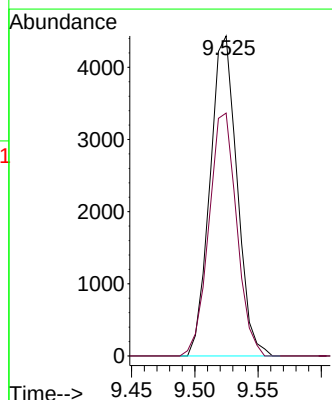
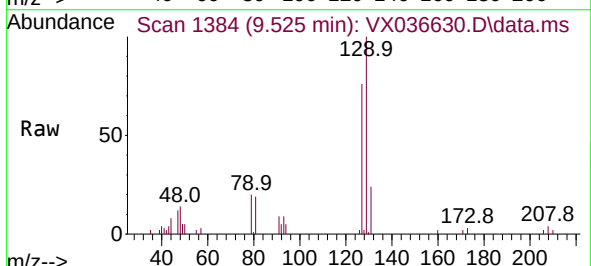
Acq: 24 Jul 2023 14:58

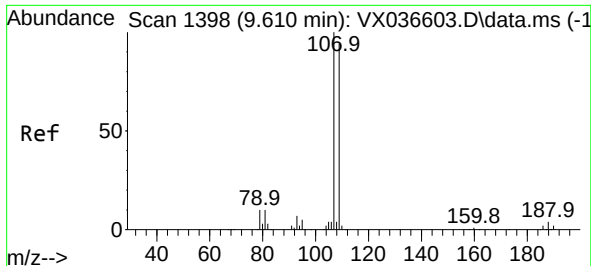
Tgt Ion:129 Resp: 6591

Ion Ratio Lower Upper

129 100

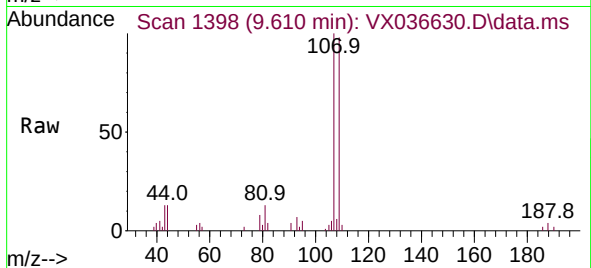
127 77.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 2.453 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

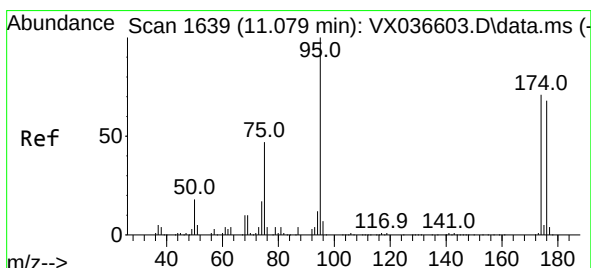
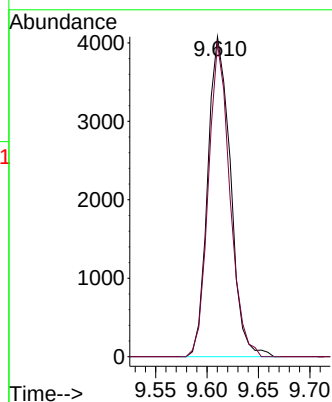
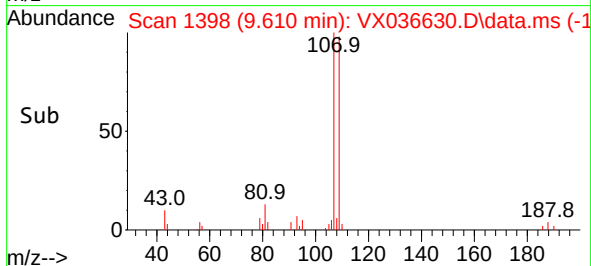
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023



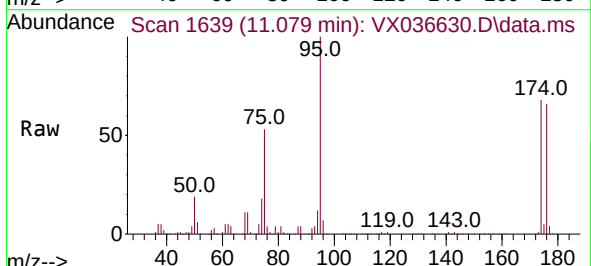
Tgt Ion:107 Resp: 626
Ion Ratio Lower Upper
107 100
109 92.8 75.2 112.8

Manual Integrations
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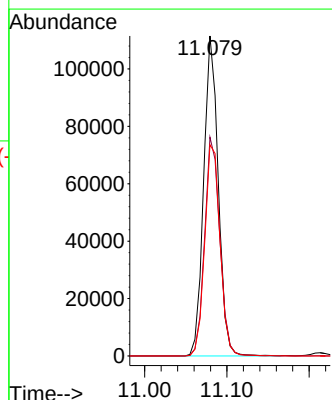
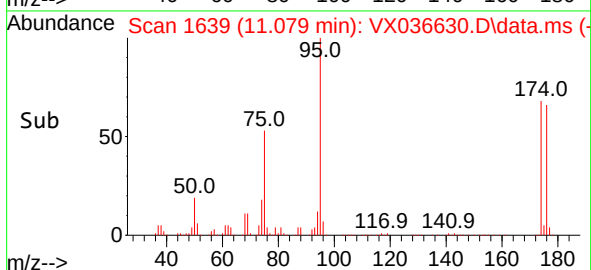
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

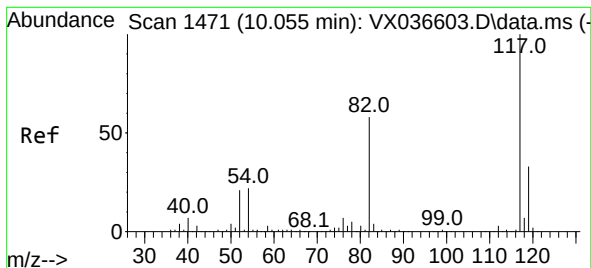


#62
4-Bromofluorobenzene
Concen: 47.578 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58



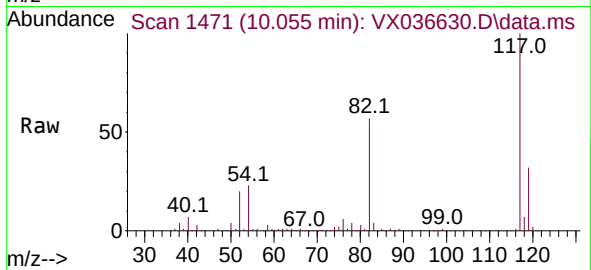
Tgt Ion: 95 Resp: 137400
Ion Ratio Lower Upper
95 100
174 70.8 0.0 135.6
176 69.5 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

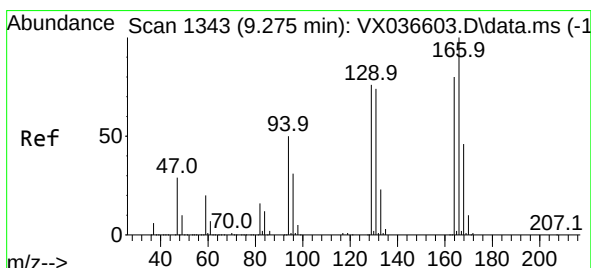
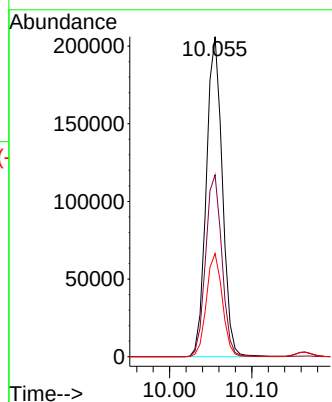
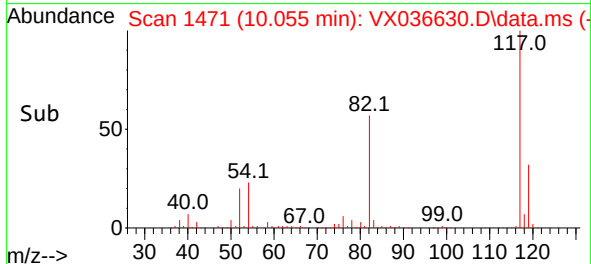
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2023



Tgt Ion:117 Resp: 27861
Ion Ratio Lower Upper
117 100
82 56.8 46.2 69.4
119 32.3 25.5 38.3

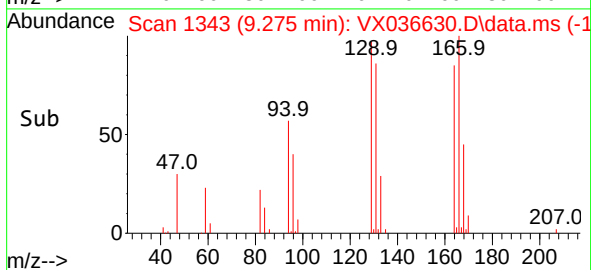
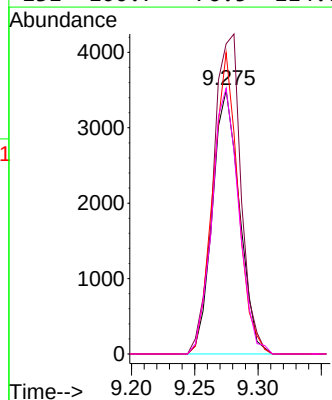
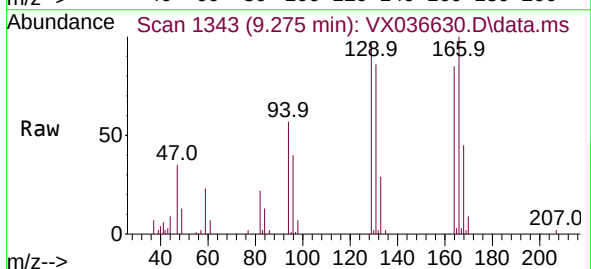
Manual Integrations
APPROVED

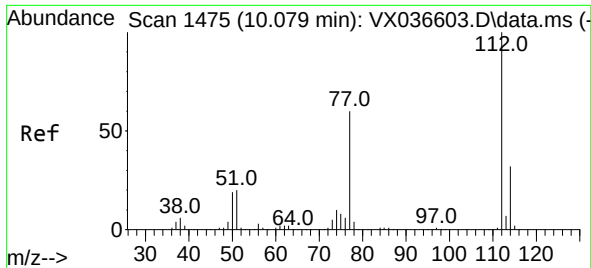
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#64
Tetrachloroethene
Concen: 2.492 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

Tgt Ion:164 Resp: 5179
Ion Ratio Lower Upper
164 100
166 117.5 102.7 154.1
129 114.2 80.4 120.6
131 100.7 76.5 114.7





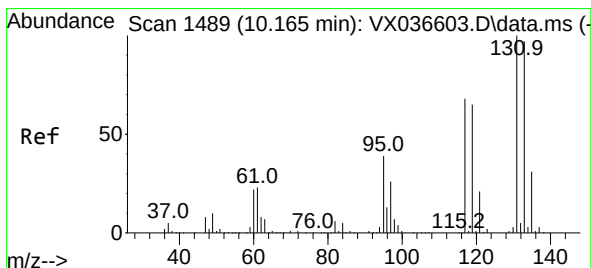
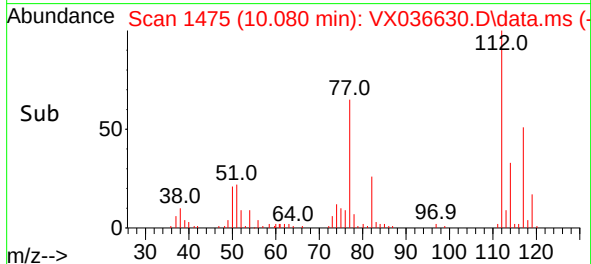
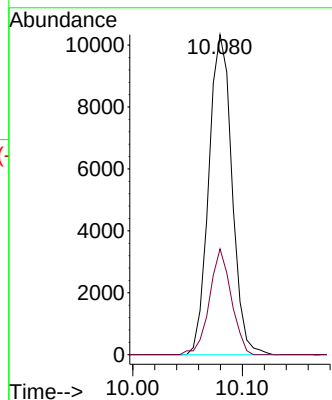
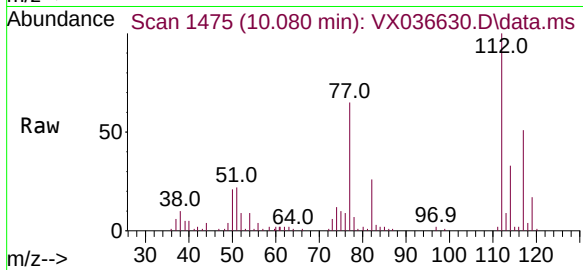
#65
Chlorobenzene
Concen: 2.473 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2023

Tgt Ion:112 Resp: 1518
Ion Ratio Lower Upper
112 100
114 33.1 25.7 38.5

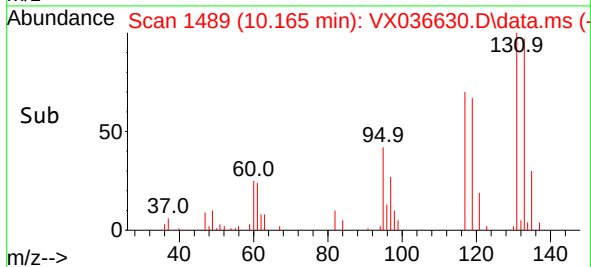
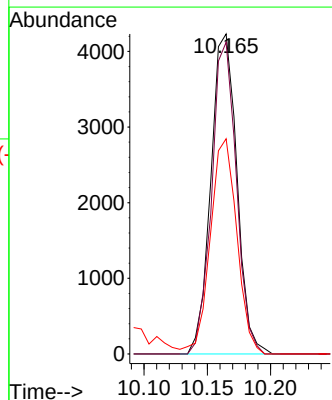
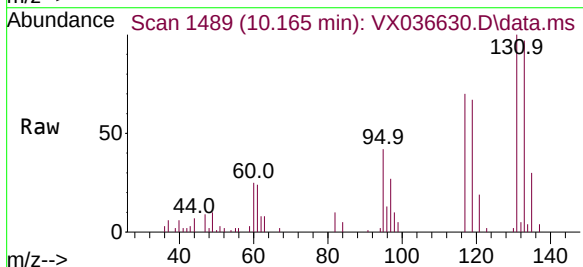
Manual Integrations
APPROVED

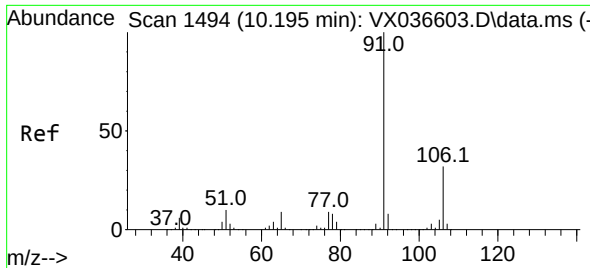
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 2.550 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

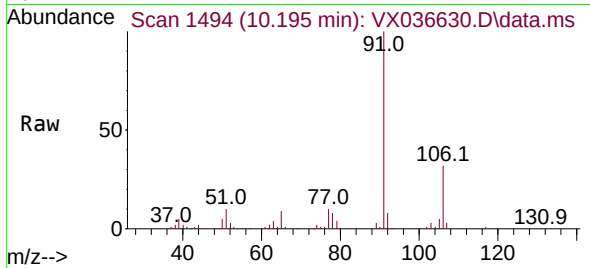
Tgt Ion:131 Resp: 6053
Ion Ratio Lower Upper
131 100
133 92.5 47.1 141.4
119 68.3 32.2 96.6





#67
Ethyl Benzene
Concen: 2.411 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

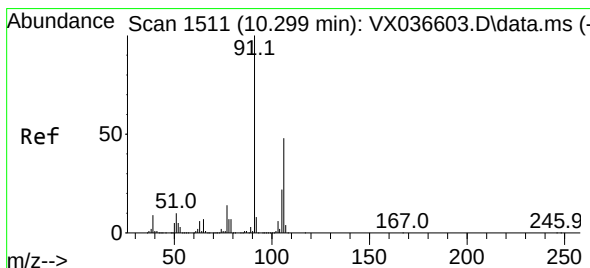
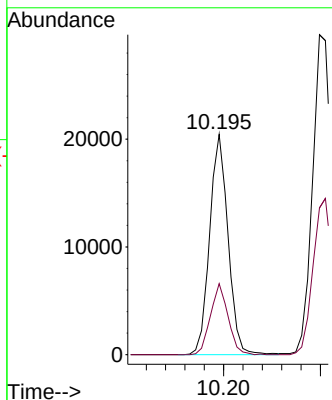
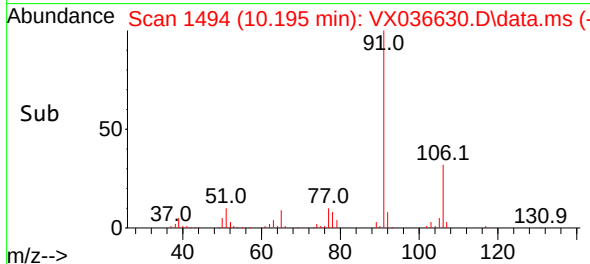
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2023



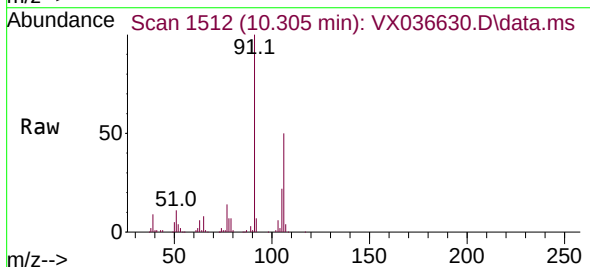
Tgt Ion: 91 Resp: 27040
Ion Ratio Lower Upper
91 100
106 32.3 24.9 37.3

Manual Integrations
APPROVED

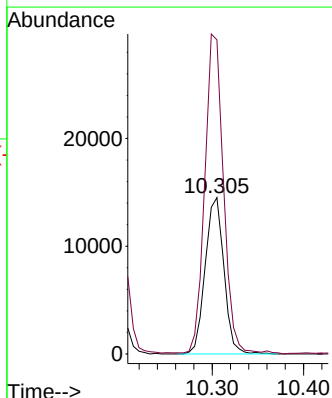
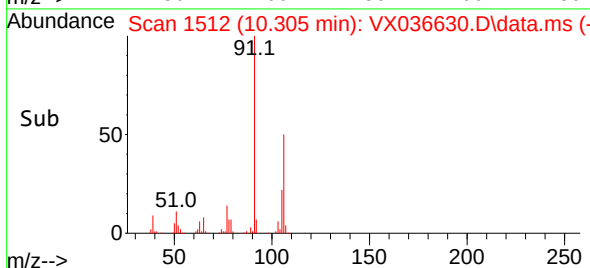
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

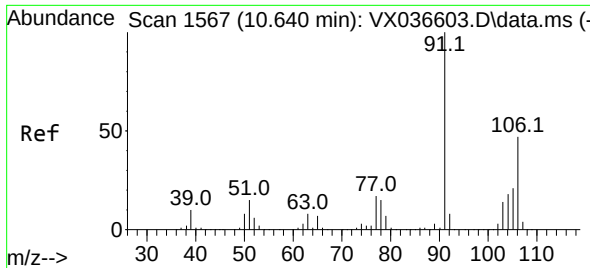


#68
m/p-Xylenes
Concen: 4.930 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58



Tgt Ion:106 Resp: 20638
Ion Ratio Lower Upper
106 100
91 205.7 165.5 248.3





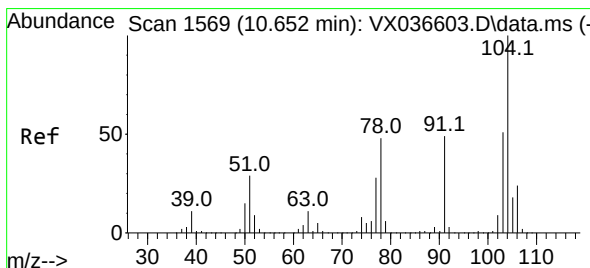
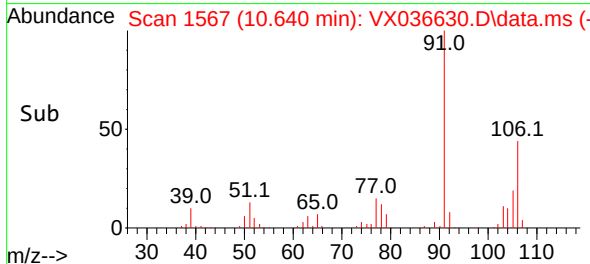
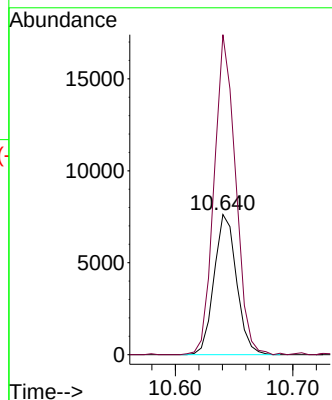
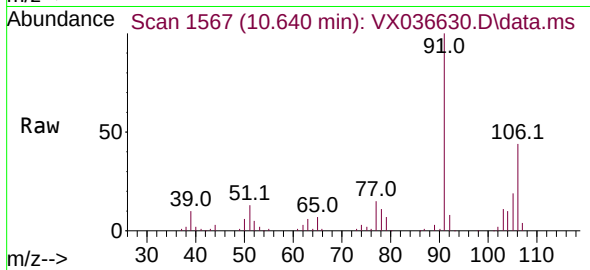
#69
o-Xylene
Concen: 2.424 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023

Tgt Ion:106 Resp: 1012
Ion Ratio Lower Upper
106 100
91 218.5 108.9 326.8

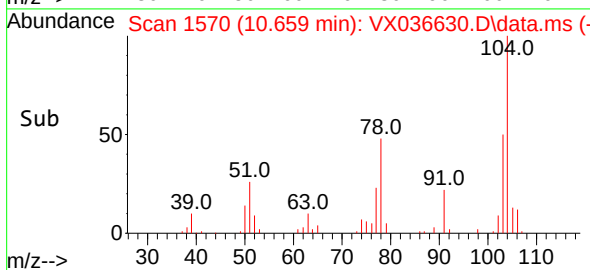
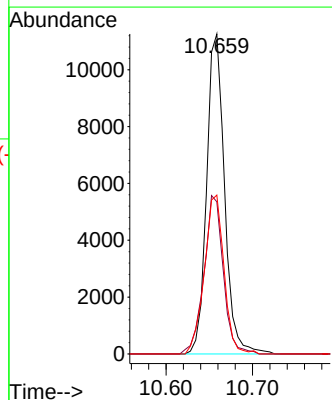
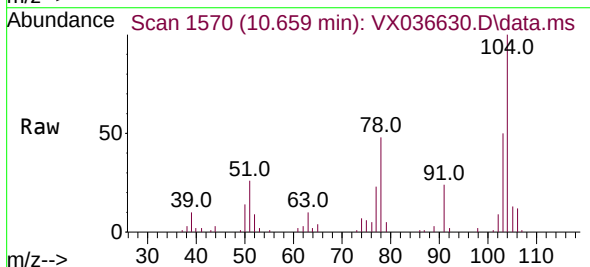
Manual Integrations
APPROVED

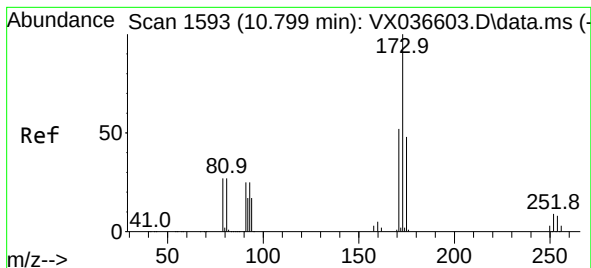
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#70
Styrene
Concen: 2.346 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

Tgt Ion:104 Resp: 16174
Ion Ratio Lower Upper
104 100
78 53.5 43.6 65.4
103 54.4 43.6 65.4





#71

Bromoform

Concen: 2.328 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX036630.D

Acq: 24 Jul 2023 14:58

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

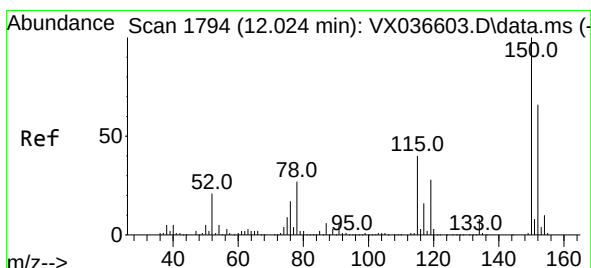
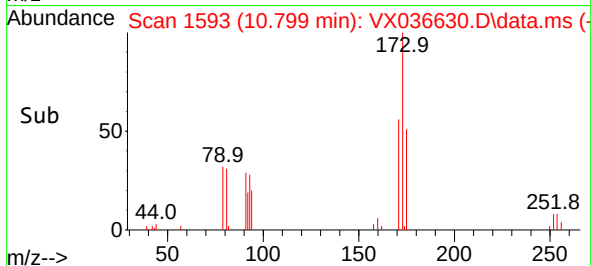
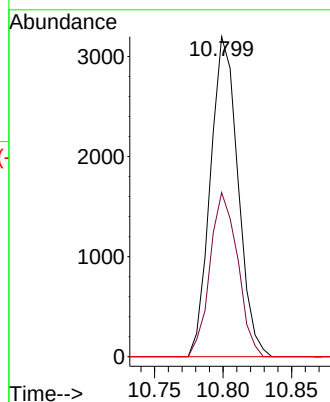
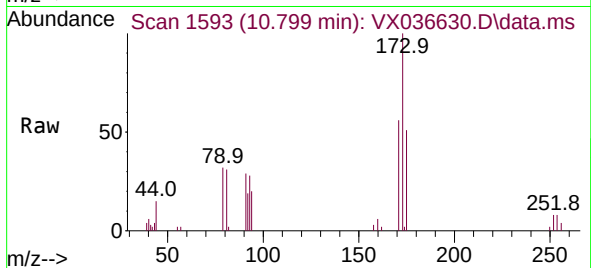
Tgt Ion:	173	Resp:	447
Ion Ratio	Lower	Upper	
173	100		
175	51.3	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

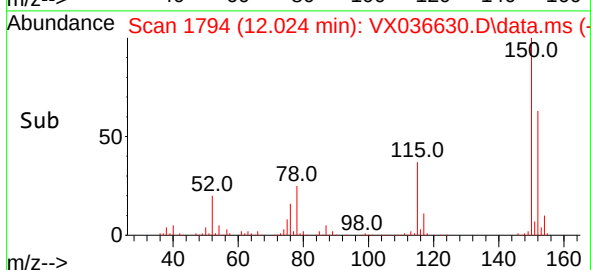
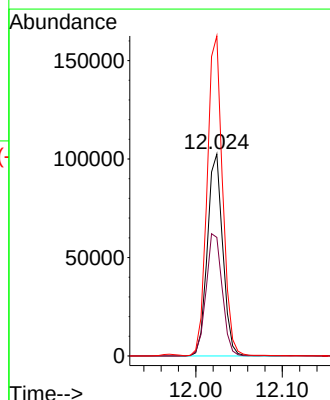
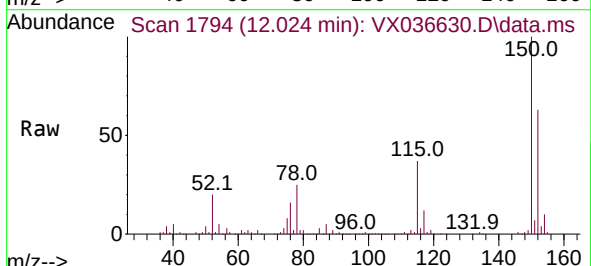
RT: 12.024 min Scan# 1794

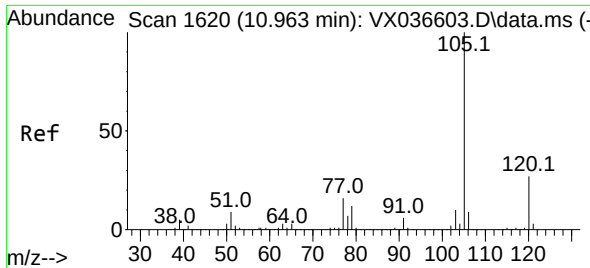
Delta R.T. 0.000 min

Lab File: VX036630.D

Acq: 24 Jul 2023 14:58

Tgt Ion:	152	Resp:	126246
Ion Ratio	Lower	Upper	
152	100		
115	63.6	43.3	129.9
150	160.1	0.0	345.0





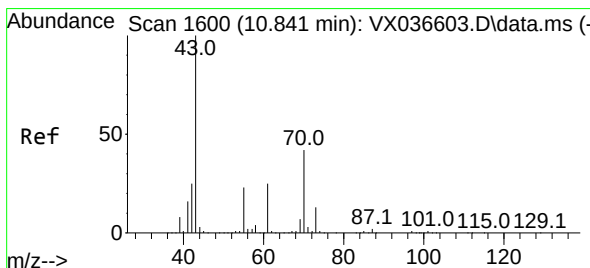
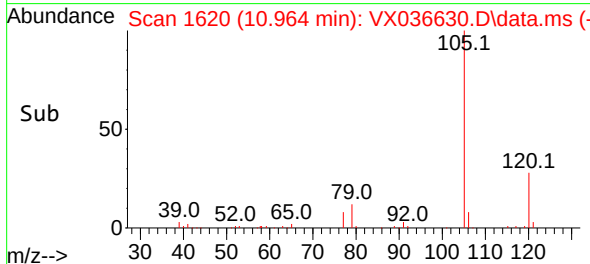
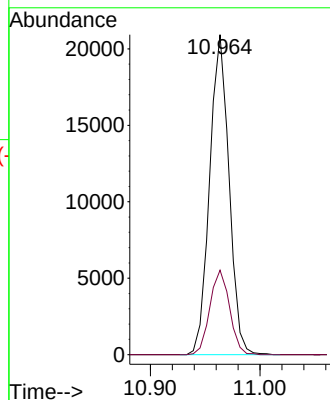
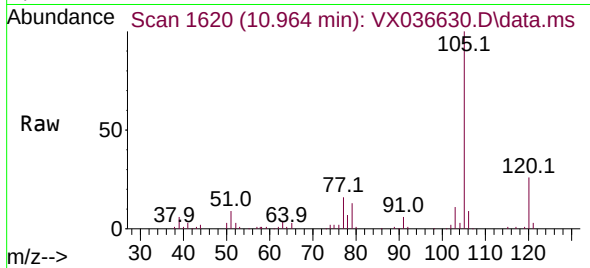
#73
Isopropylbenzene
Concen: 2.458 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023

Tgt Ion:105 Resp: 2568
Ion Ratio Lower Upper
105 100
120 26.8 12.9 38.6

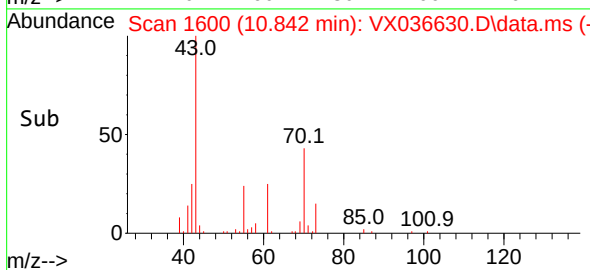
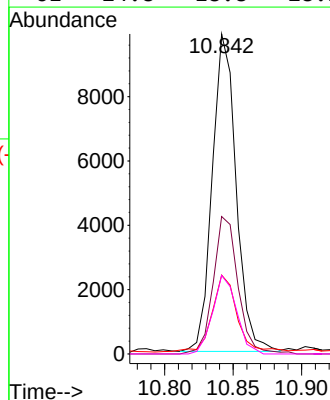
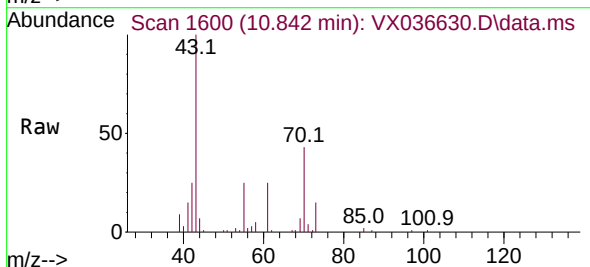
Manual Integrations
APPROVED

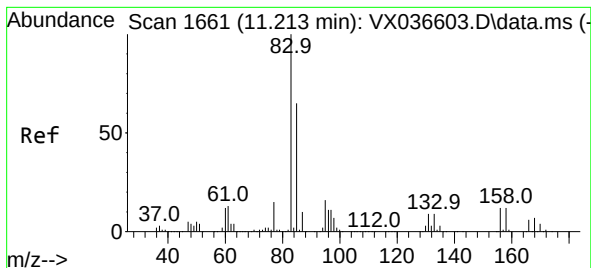
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#74
N-ethyl acetate
Concen: 2.452 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

Tgt Ion: 43 Resp: 11948
Ion Ratio Lower Upper
43 100
70 44.9 32.9 49.3
55 25.6 19.3 28.9
61 24.8 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 2.548 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX036630.D

Acq: 24 Jul 2023 14:58

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

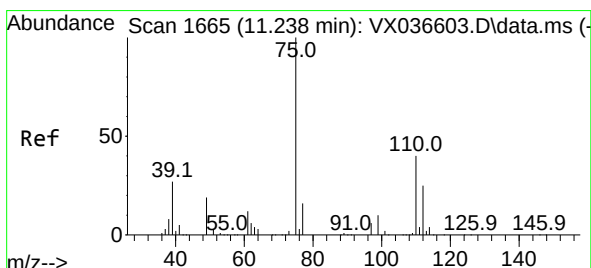
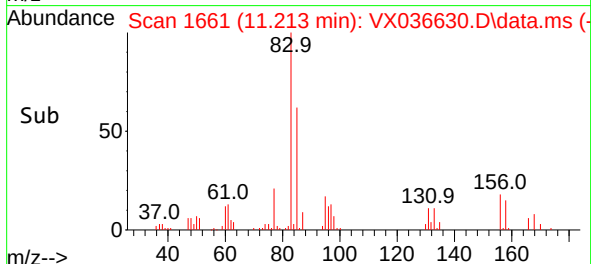
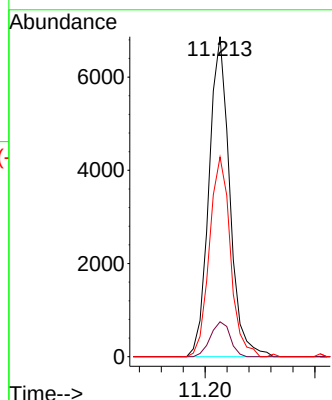
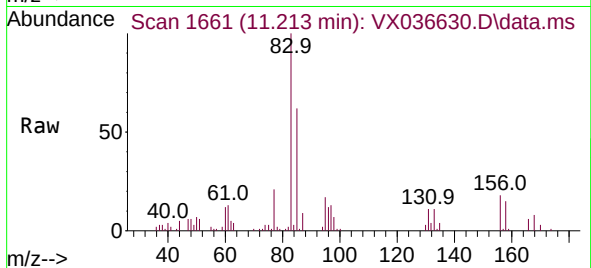
Tgt Ion:	83	Resp:	899
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.3	15.8
85	63.2	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#76

1,2,3-Trichloropropane

Concen: 2.528 ug/l m

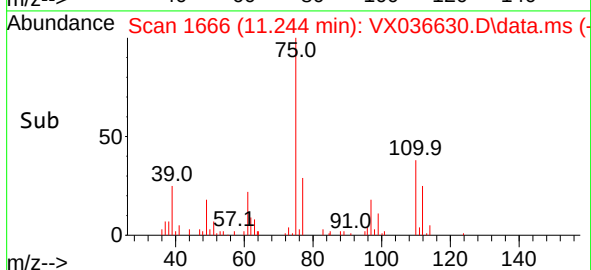
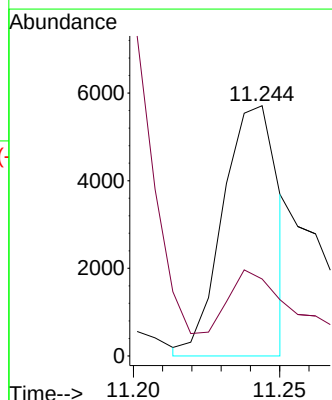
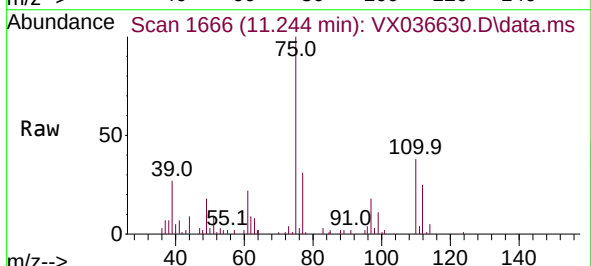
RT: 11.244 min Scan# 1666

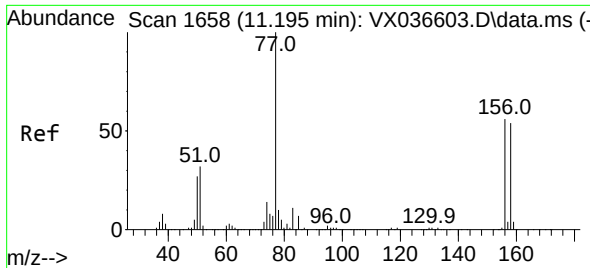
Delta R.T. 0.006 min

Lab File: VX036630.D

Acq: 24 Jul 2023 14:58

Tgt Ion:	75	Resp:	7508
Ion Ratio	Lower	Upper	
75	100		
77	48.4	19.1	57.5





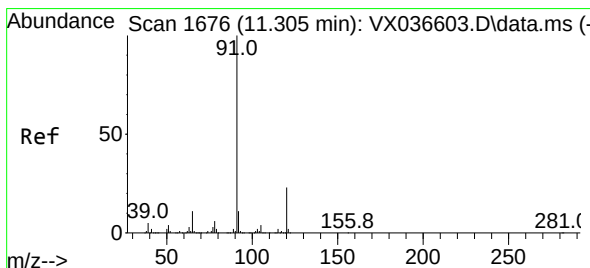
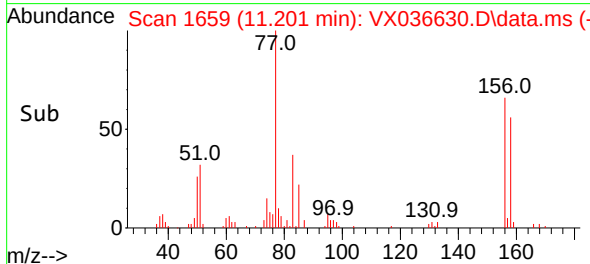
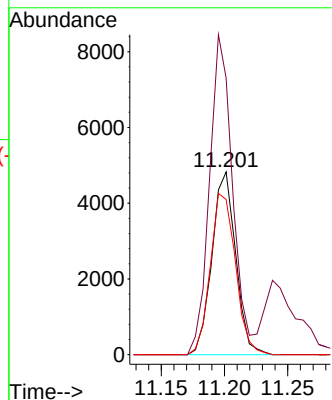
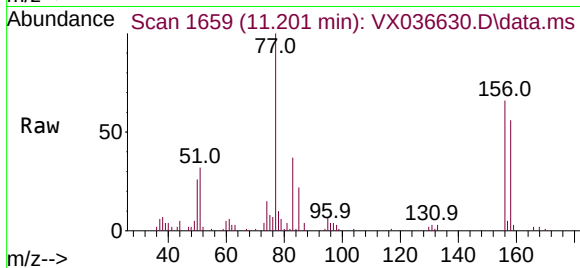
#77
Bromobenzene
Concen: 2.647 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023

Tgt Ion:156 Resp: 6299
Ion Ratio Lower Upper
156 100
77 168.1 88.4 265.3
158 93.5 48.0 144.0

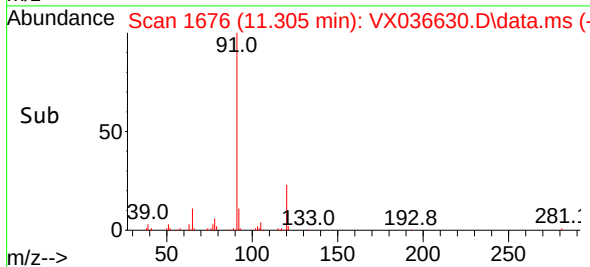
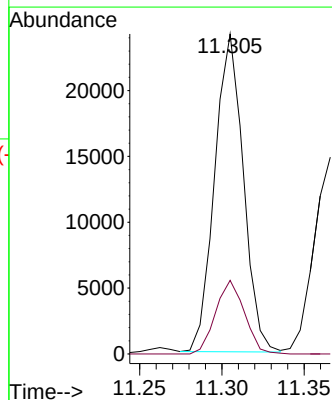
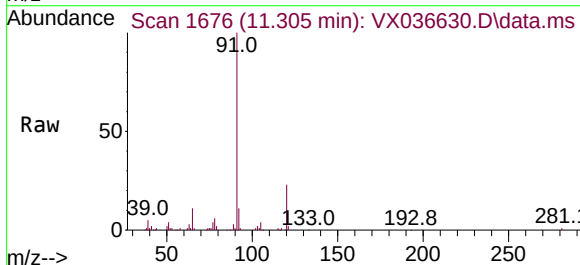
Manual Integrations
APPROVED

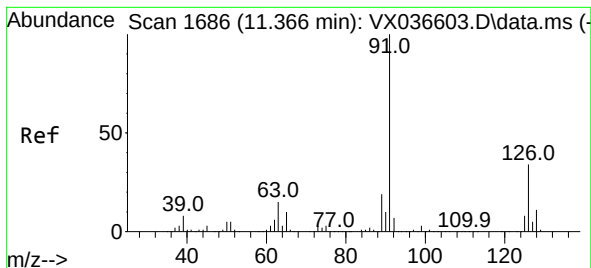
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#78
n-propylbenzene
Concen: 2.420 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

Tgt Ion: 91 Resp: 29241
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 2.516 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036630.D

Acq: 24 Jul 2023 14:58

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion: 91 Resp: 1842

Ion Ratio Lower Upper

91 100

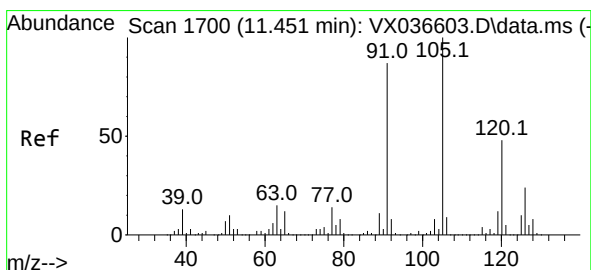
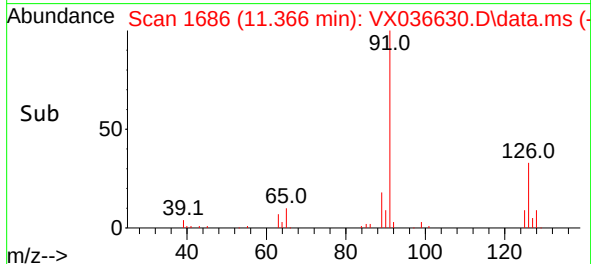
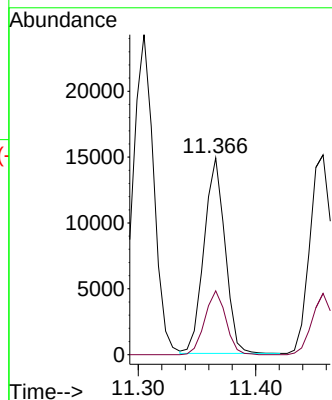
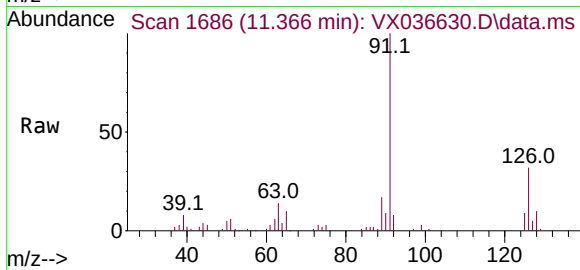
126 32.8 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#80

1,3,5-Trimethylbenzene

Concen: 2.559 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX036630.D

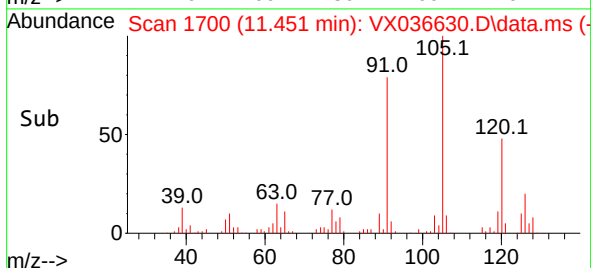
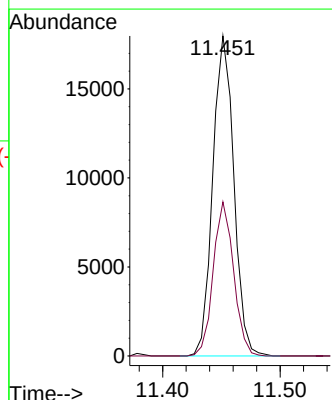
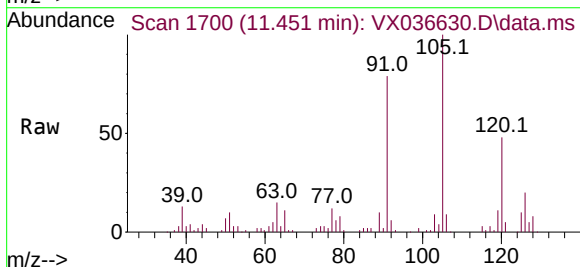
Acq: 24 Jul 2023 14:58

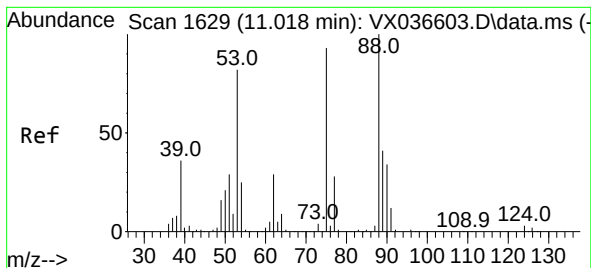
Tgt Ion:105 Resp: 22370

Ion Ratio Lower Upper

105 100

120 46.7 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 2.273 ug/l

RT: 11.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036630.D

Acq: 24 Jul 2023 14:58

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

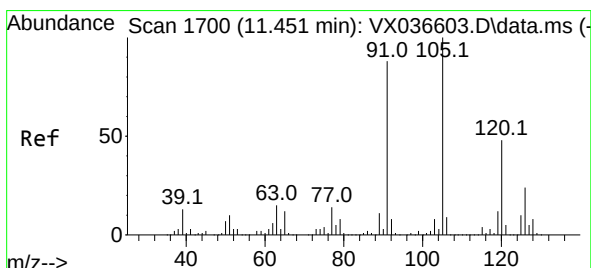
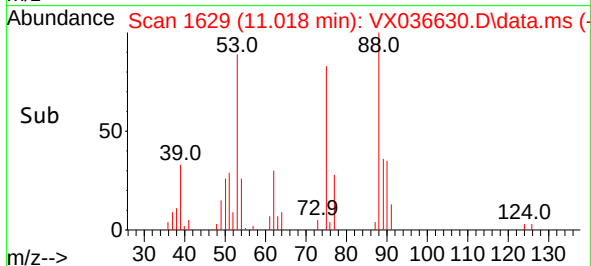
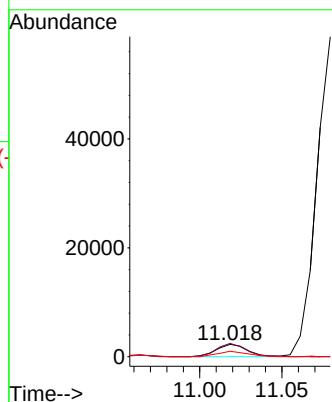
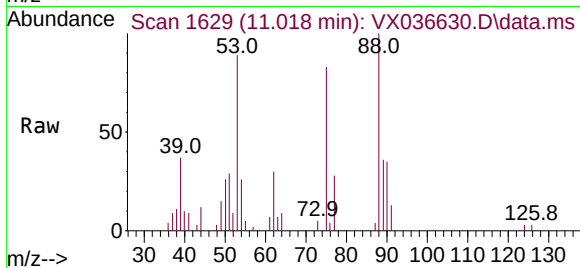
Tgt Ion: 75	Resp: 2978
Ion Ratio	Lower Upper
75	100
53	101.9 90.5 135.7
89	41.8 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#82

4-Chlorotoluene

Concen: 2.444 ug/l

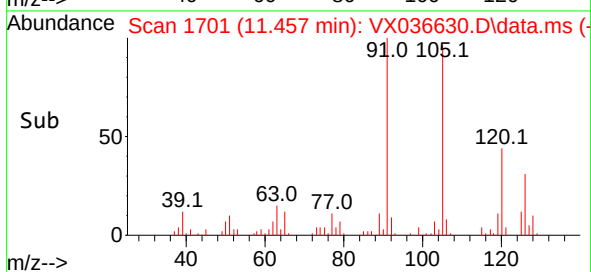
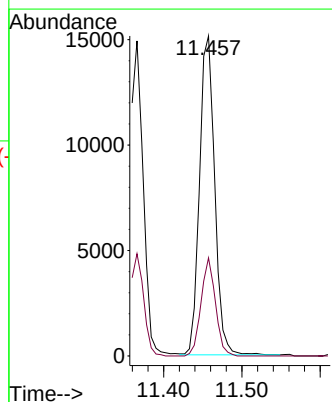
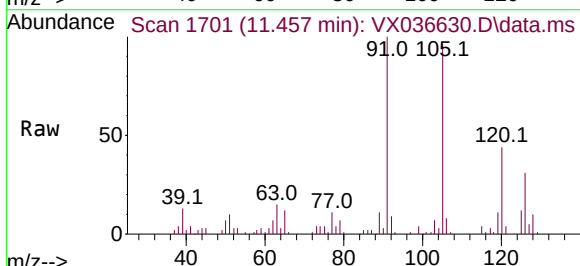
RT: 11.457 min Scan# 1701

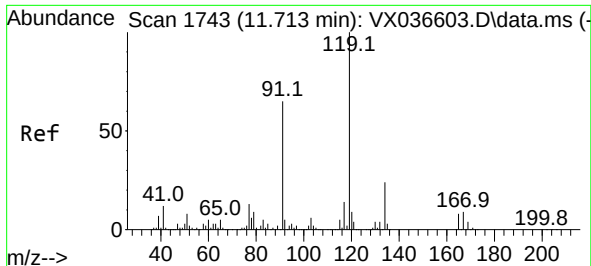
Delta R.T. 0.006 min

Lab File: VX036630.D

Acq: 24 Jul 2023 14:58

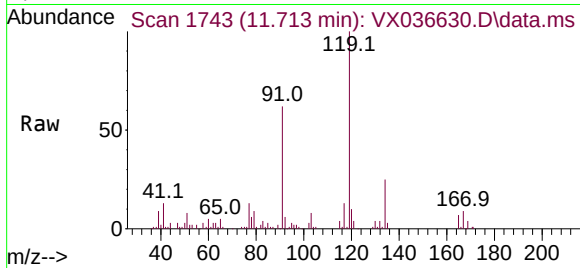
Tgt Ion: 91	Resp: 20388
Ion Ratio	Lower Upper
91	100
126	29.1 14.2 42.6





#83
tert-Butylbenzene
Concen: 2.557 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

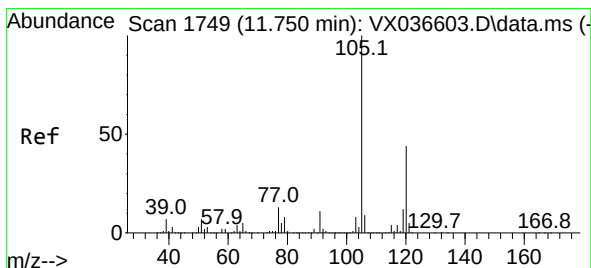
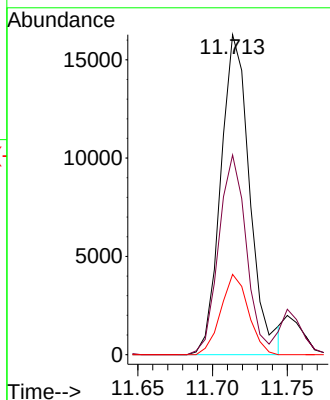
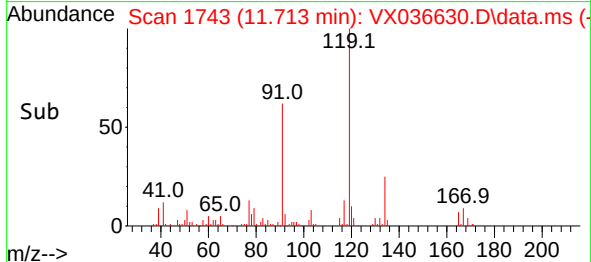
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2023



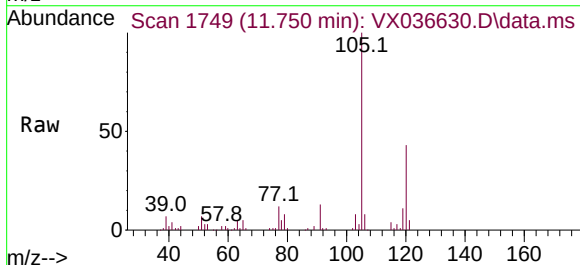
Tgt Ion:119 Resp: 21954
Ion Ratio Lower Upper
119 100
91 59.4 31.2 93.6
134 23.9 11.7 35.0

Manual Integrations
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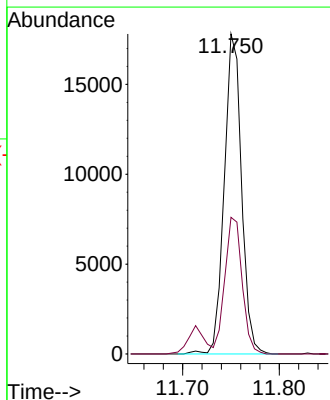
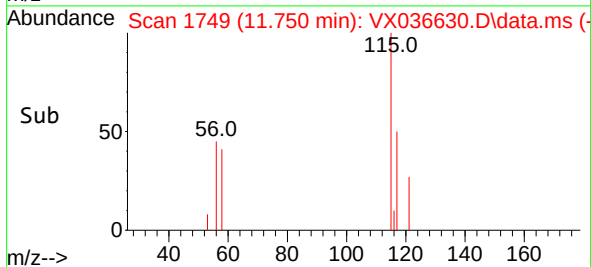
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

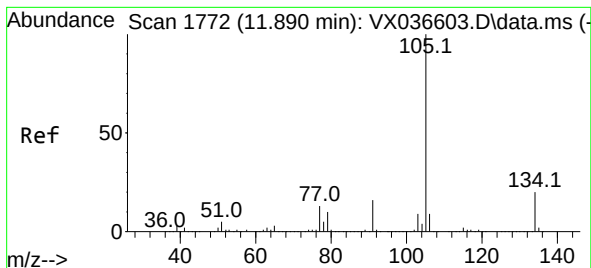


#84
1,2,4-Trimethylbenzene
Concen: 2.519 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58



Tgt Ion:105 Resp: 22022
Ion Ratio Lower Upper
105 100
120 42.8 21.2 63.6





#85

sec-Butylbenzene

Concen: 2.453 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX036630.D

Acq: 24 Jul 2023 14:58

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion:105 Resp: 26269

Ion Ratio Lower Upper

105 100

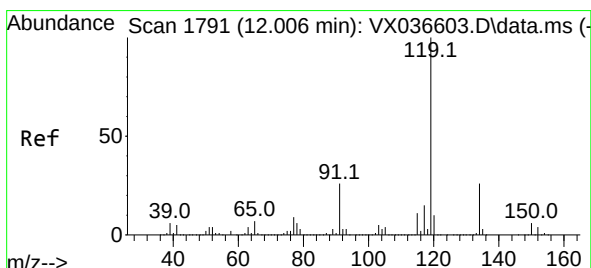
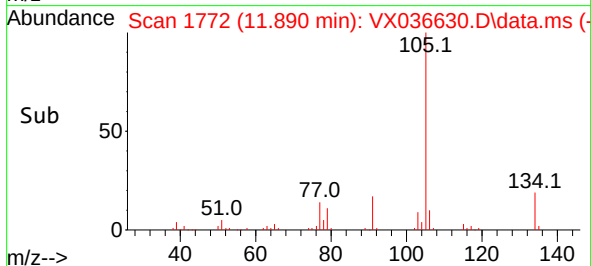
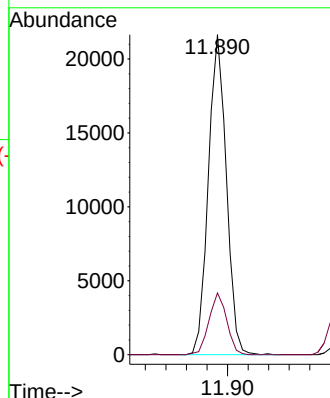
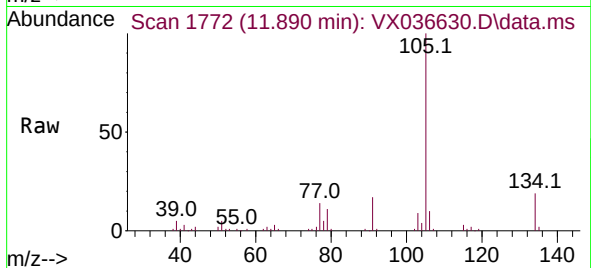
134 19.0 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#86

p-Isopropyltoluene

Concen: 2.437 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX036630.D

Acq: 24 Jul 2023 14:58

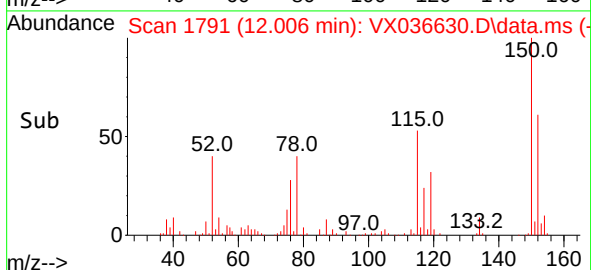
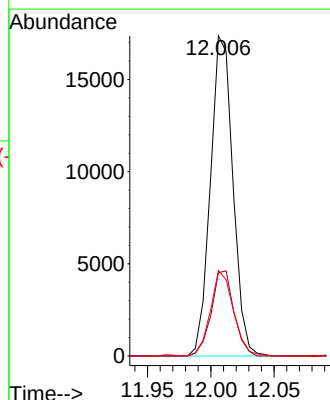
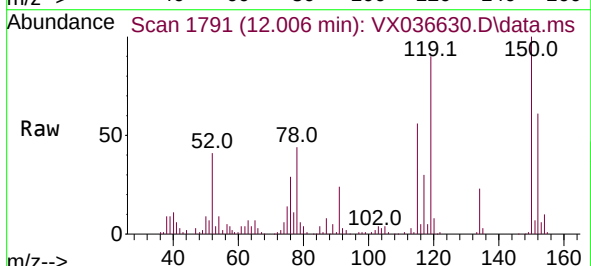
Tgt Ion:119 Resp: 21472

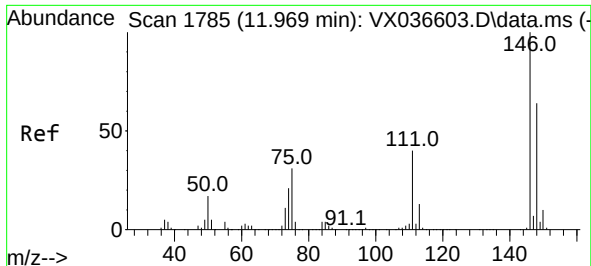
Ion Ratio Lower Upper

119 100

134 26.9 12.8 38.3

91 27.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 2.446 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036630.D

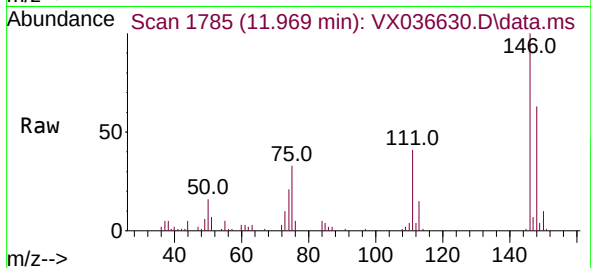
Acq: 24 Jul 2023 14:58

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023



Tgt Ion:146 Resp: 10779

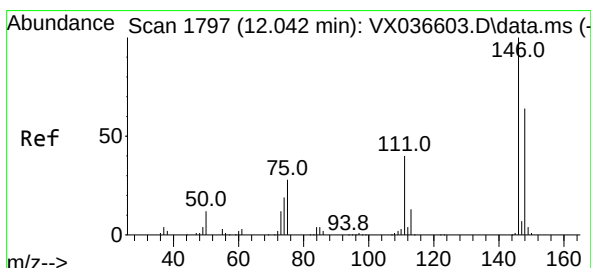
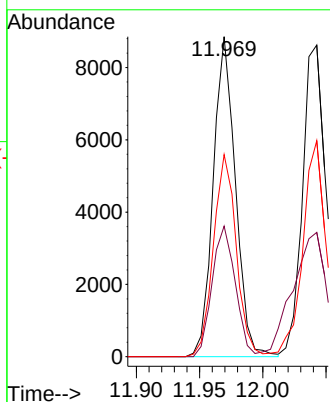
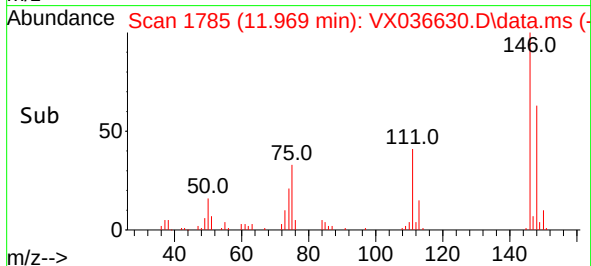
Ion	Ratio	Lower	Upper
146	100		
111	42.6	22.1	66.1
148	65.0	31.8	95.3

Manual Integrations

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Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#88

1,4-Dichlorobenzene

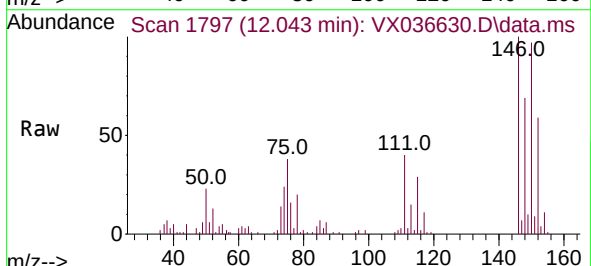
Concen: 2.552 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

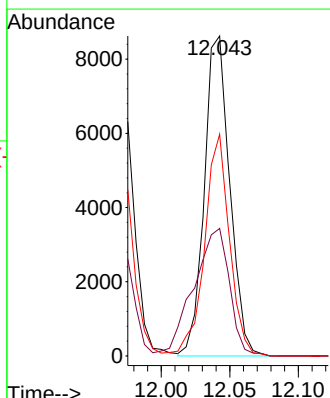
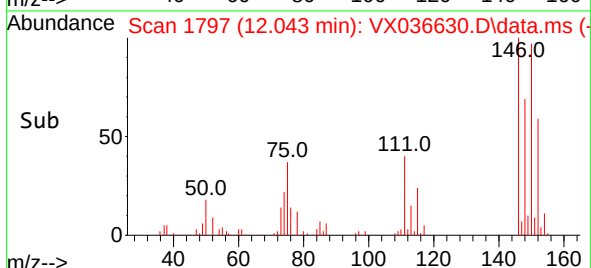
Lab File: VX036630.D

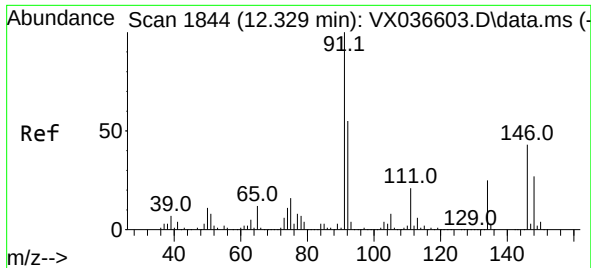
Acq: 24 Jul 2023 14:58



Tgt Ion:146 Resp: 11161

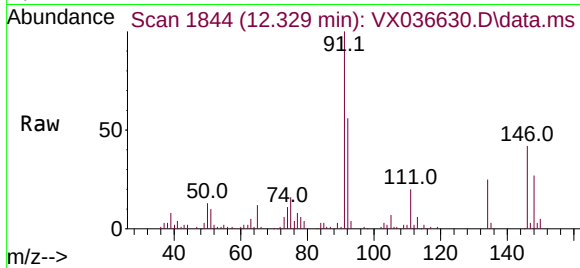
Ion	Ratio	Lower	Upper
146	100		
111	56.2	21.3	63.7
148	68.0	31.8	95.4





#89
n-Butylbenzene
Concen: 2.276 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

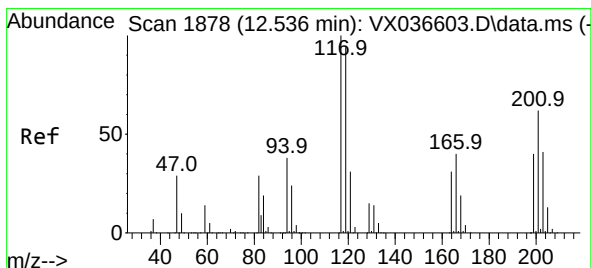
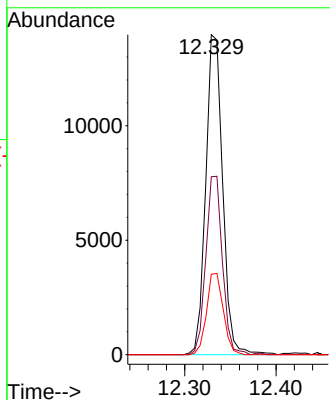
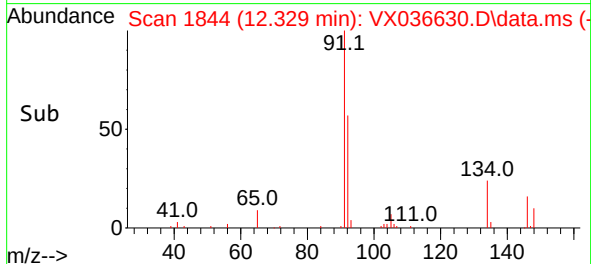
Instrument : MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion: 91 Resp: 17950
Ion Ratio Lower Upper
91 100
92 54.7 27.4 82.0
134 25.1 12.6 37.8

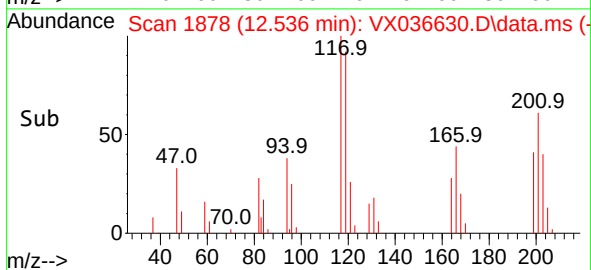
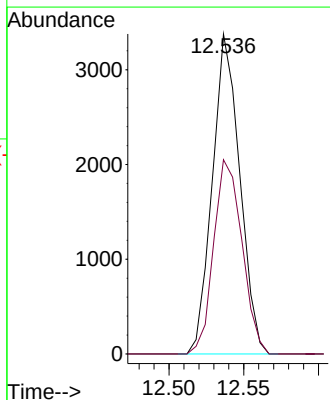
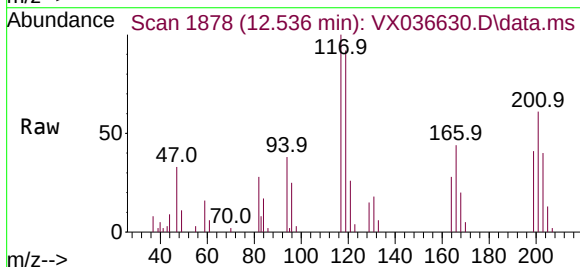
Manual Integrations
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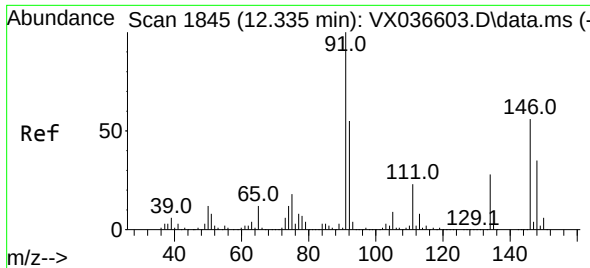
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#90
Hexachloroethane
Concen: 2.407 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

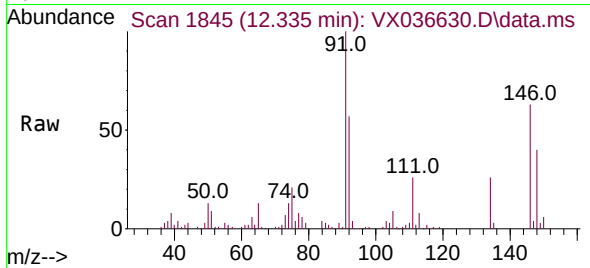
Tgt Ion:117 Resp: 4299
Ion Ratio Lower Upper
117 100
201 62.8 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 2.500 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

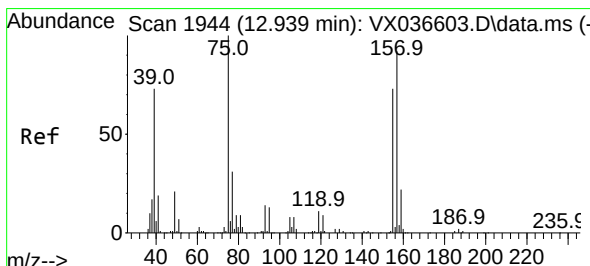
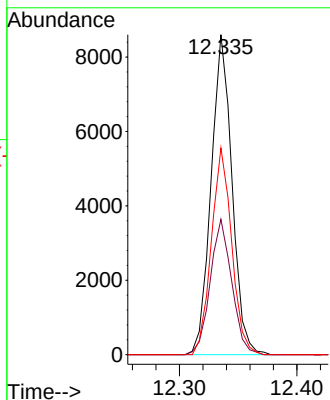
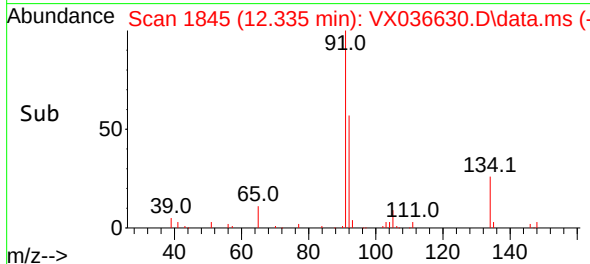
Instrument : MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023



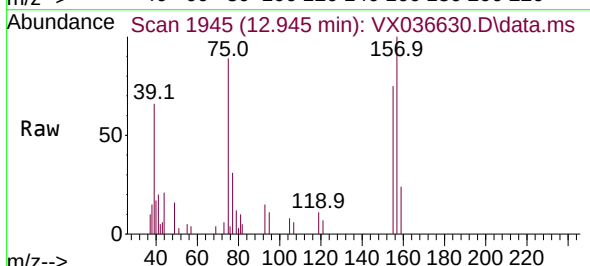
Tgt Ion:146 Resp: 10630
Ion Ratio Lower Upper
146 100
111 43.5 22.4 67.0
148 63.1 31.6 95.0

Manual Integrations
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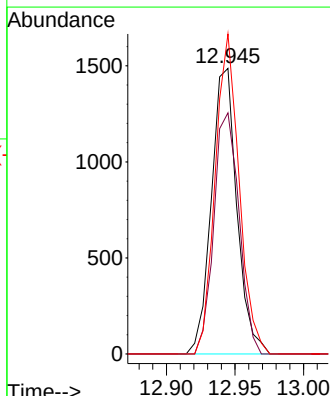
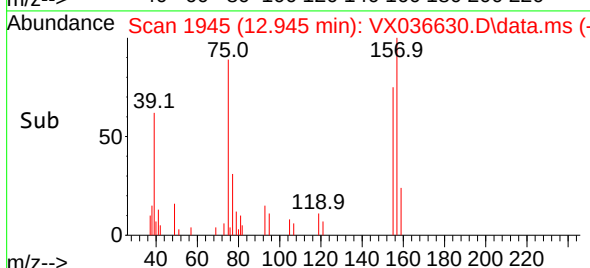
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

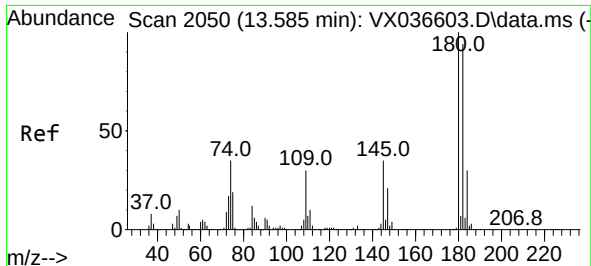


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.354 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58



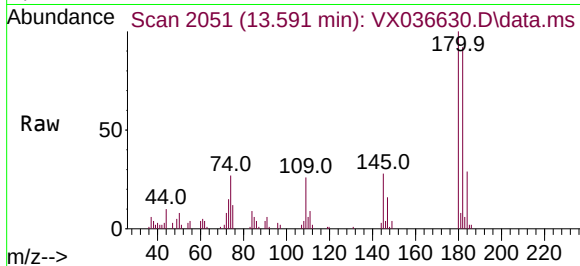
Tgt Ion: 75 Resp: 1930
Ion Ratio Lower Upper
75 100
155 83.3 36.1 108.5
157 104.6 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 2.310 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

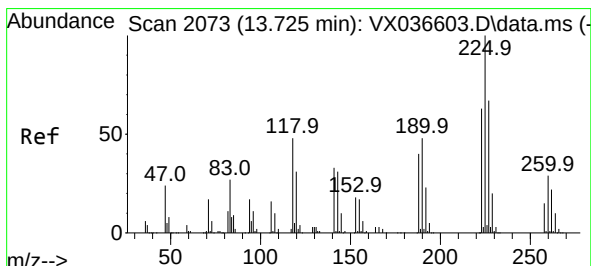
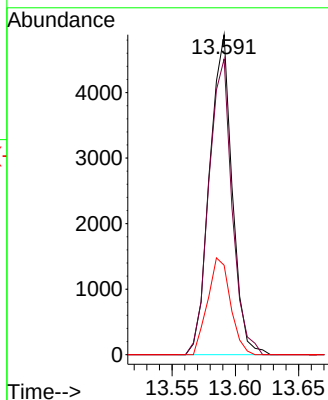
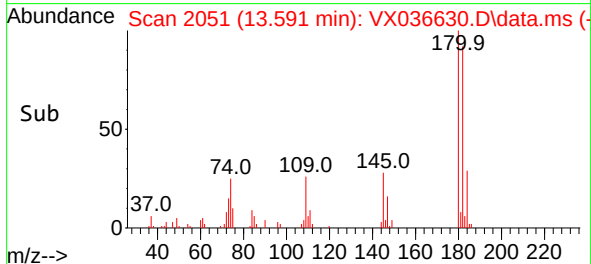
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion:180 Resp: 6052
Ion Ratio Lower Upper
180 100
182 94.9 48.3 144.8
145 30.7 18.0 54.0

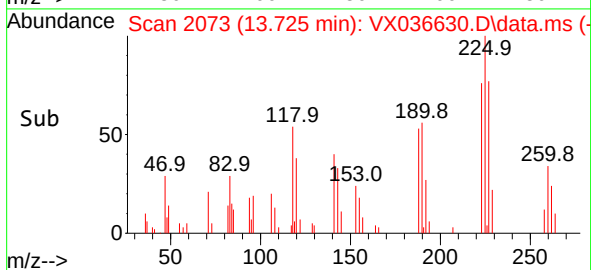
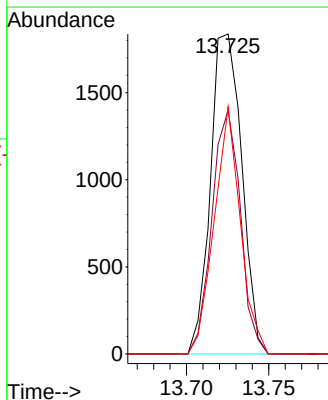
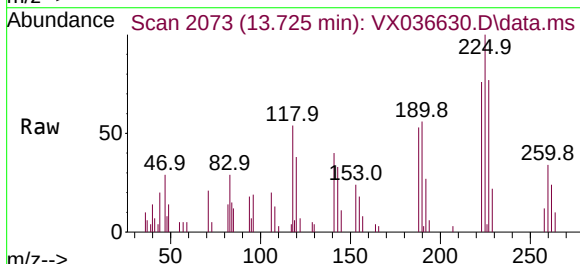
Manual Integrations
APPROVED

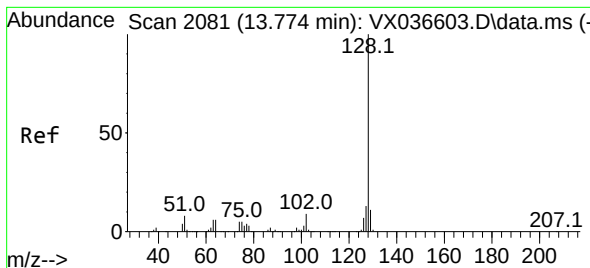
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#94
Hexachlorobutadiene
Concen: 2.246 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX036630.D
Acq: 24 Jul 2023 14:58

Tgt Ion:225 Resp: 2434
Ion Ratio Lower Upper
225 100
223 69.2 31.1 93.2
227 64.6 32.5 97.5





#95

Naphthalene

Concen: 2.333 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX036630.D

Acq: 24 Jul 2023 14:58

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

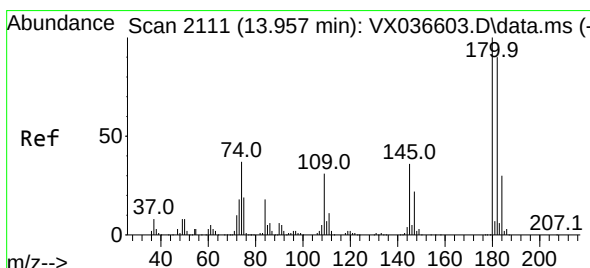
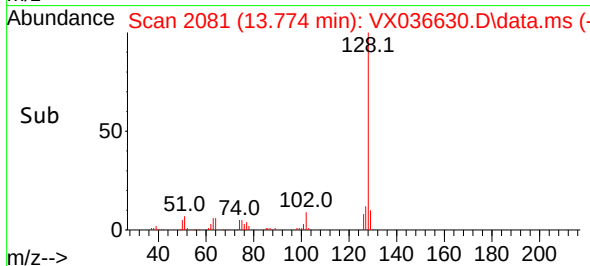
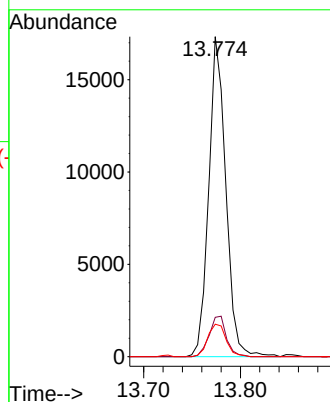
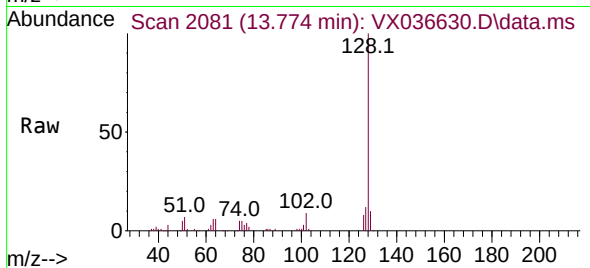
Tgt Ion:	128	Resp:	21300
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	11.0	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#96

1,2,3-Trichlorobenzene

Concen: 2.275 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX036630.D

Acq: 24 Jul 2023 14:58

Tgt Ion:	180	Resp:	5874
Ion Ratio	Lower	Upper	
180	100		
182	95.1	46.9	140.6
145	37.0	17.8	53.5

