

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072423\
 Data File : VX036628.D
 Acq On : 24 Jul 2023 13:47
 Operator : JC/MD
 Sample : 03572-09 0.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jul 25 07:59:36 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	5.550	168	176807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	306512	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	277541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	127820	48.859	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.720%		
35) Dibromofluoromethane	5.385	113	102555	48.678	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.360%		
50) Toluene-d8	8.647	98	364814	48.830	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.660%		
62) 4-Bromofluorobenzene	11.079	95	141653	50.254	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	1009	0.432	ug/l	84
3) Chloromethane	1.295	50	1465	0.690	ug/l	97
4) Vinyl Chloride	1.374	62	1149	0.531	ug/l #	80
5) Bromomethane	1.618	94	961	0.744	ug/l	88
6) Chloroethane	1.685	64	891	0.847	ug/l #	86
7) Trichlorofluoromethane	1.886	101	1717	0.514	ug/l	98
8) Diethyl Ether	2.136	74	751	0.581	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	1081	0.539	ug/l	90
10) Methyl Iodide	2.453	142	942	0.452	ug/l #	94
11) Tert butyl alcohol	2.983	59	1905m	3.076	ug/l	
12) 1,1-Dichloroethene	2.319	96	1142	0.577	ug/l	88
13) Acrolein	2.240	56	989	2.798	ug/l #	82
14) Allyl chloride	2.666	41	2290	0.587	ug/l	89
15) Acrylonitrile	3.069	53	3522	2.828	ug/l	97
16) Acetone	2.386	43	3529	3.251	ug/l	98
17) Carbon Disulfide	2.508	76	3502	0.641	ug/l	97
18) Methyl Acetate	2.703	43	2690	0.589	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	3981	0.535	ug/l	93
20) Methylene Chloride	2.788	84	1604	0.664	ug/l	89
21) trans-1,2-Dichloroethene	3.087	96	1140	0.515	ug/l #	89
22) Diisopropyl ether	3.764	45	3854	0.521	ug/l	93
23) Vinyl Acetate	3.727	43	14799	2.606	ug/l	99
24) 1,1-Dichloroethane	3.611	63	2249	0.542	ug/l #	87
25) 2-Butanone	4.574	43	5422	3.078	ug/l	95
26) 2,2-Dichloropropane	4.465	77	2055	0.526	ug/l #	54
27) cis-1,2-Dichloroethene	4.495	96	1287	0.490	ug/l	98
28) Bromochloromethane	4.916	49	939	0.468	ug/l #	94
29) Tetrahydrofuran	5.013	42	3905	3.439	ug/l #	81
30) Chloroform	5.087	83	2422	0.570	ug/l	100
31) Cyclohexane	5.465	56	2011	0.555	ug/l	96
32) 1,1,1-Trichloroethane	5.397	97	2100m	0.540	ug/l	
36) 1,1-Dichloropropene	5.696	75	1707	0.544	ug/l	94
37) Ethyl Acetate	4.721	43	1288	0.362	ug/l #	86
38) Carbon Tetrachloride	5.672	117	1735	0.520	ug/l #	76
39) Methylcyclohexane	7.379	83	2050	0.525	ug/l #	93
40) Benzene	6.038	78	5043	0.552	ug/l	93

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	1058	0.557	ug/l #	78
42) 1,2-Dichloroethane	6.086	62	1901	0.569	ug/l	93
43) Isopropyl Acetate	6.342	43	3249	0.531	ug/l #	96
44) Trichloroethene	7.135	130	1179	0.494	ug/l	97
45) 1,2-Dichloropropane	7.434	63	1189	0.487	ug/l	95
46) Dibromomethane	7.586	93	858	0.503	ug/l	100
47) Bromodichloromethane	7.830	83	1905	0.544	ug/l #	87
48) Methyl methacrylate	7.696	41	1528	0.537	ug/l #	70
49) 1,4-Dioxane	7.702	88	608	10.578	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	9010	2.661	ug/l	96
52) Toluene	8.720	92	2967	0.518	ug/l	91
53) t-1,3-Dichloropropene	8.982	75	1996	0.504	ug/l #	81
54) cis-1,3-Dichloropropene	8.373	75	2130	0.510	ug/l #	73
55) 1,1,2-Trichloroethane	9.153	97	1231	0.512	ug/l	89
56) Ethyl methacrylate	9.122	69	2042	0.521	ug/l #	84
57) 1,3-Dichloropropane	9.305	76	1978	0.494	ug/l	91
58) 2-Chloroethyl Vinyl ether	8.245	63	4166	2.158	ug/l	99
59) 2-Hexanone	9.433	43	6759	2.690	ug/l	91
60) Dibromochloromethane	9.525	129	1247	0.471	ug/l	99
61) 1,2-Dibromoethane	9.610	107	1286	0.516	ug/l	94
64) Tetrachloroethene	9.275	164	1039	0.502	ug/l #	84
65) Chlorobenzene	10.080	112	3241	0.530	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.165	131	1201	0.508	ug/l #	64
67) Ethyl Benzene	10.195	91	5767	0.516	ug/l	98
68) m/p-Xylenes	10.299	106	4135	0.992	ug/l	92
69) o-Xylene	10.647	106	2051	0.493	ug/l	94
70) Styrene	10.659	104	3405	0.496	ug/l	98
71) Bromoform	10.805	173	902	0.471	ug/l #	97
73) Isopropylbenzene	10.964	105	5579	0.511	ug/l	99
74) N-amyl acetate	10.842	43	2681	0.527	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	2175	0.590	ug/l	94
76) 1,2,3-Trichloropropane	11.244	75	1562m	0.503	ug/l	
77) Bromobenzene	11.195	156	1344	0.541	ug/l	97
78) n-propylbenzene	11.305	91	6097	0.483	ug/l	100
79) 2-Chlorotoluene	11.366	91	3899	0.510	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	4663	0.511	ug/l	100
82) 4-Chlorotoluene	11.457	91	4579	0.525	ug/l	100
83) tert-Butylbenzene	11.713	119	4567	0.509	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	4548	0.498	ug/l	97
85) sec-Butylbenzene	11.890	105	5391	0.482	ug/l	99
86) p-Isopropyltoluene	12.006	119	4608	0.501	ug/l	88
87) 1,3-Dichlorobenzene	11.976	146	2363	0.513	ug/l	98
88) 1,4-Dichlorobenzene	11.976	146	2363	0.517	ug/l	99
89) n-Butylbenzene	12.335	91	3884	0.471	ug/l	94
90) Hexachloroethane	12.536	117	898	0.481	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	2403	0.541	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	12.939	75	455	0.531	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	1434	0.524	ug/l	96
94) Hexachlorobutadiene	13.719	225	526	0.464	ug/l	90
95) Naphthalene	13.774	128	4843	0.508	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	1335	0.495	ug/l	96

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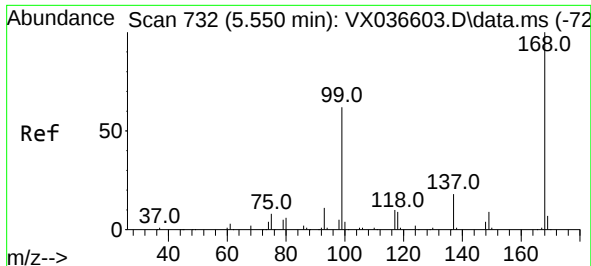
Manual Integrations
APPROVED

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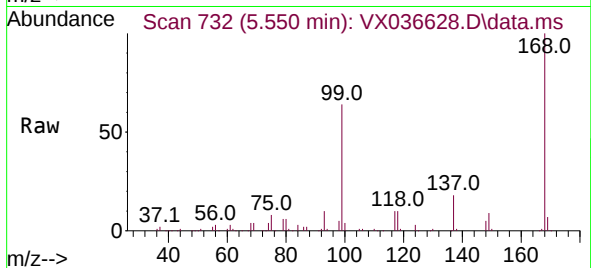
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036628.D
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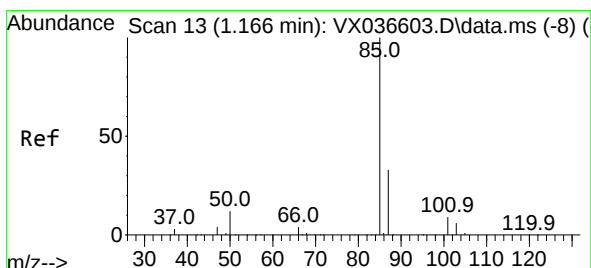
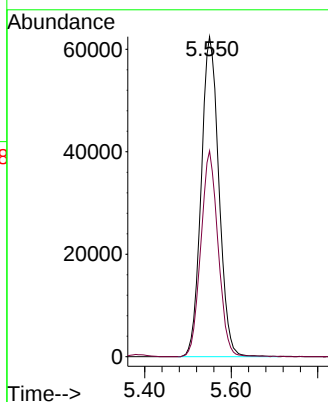
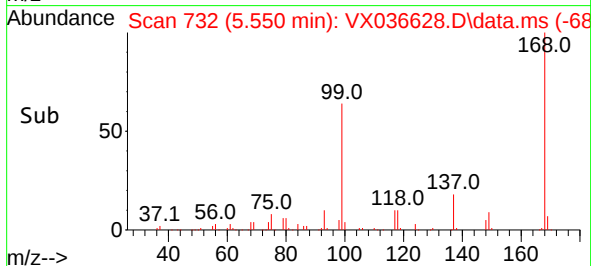
Instrument :
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ClientSampleId :
MDL-WATER-03-QT3-2023



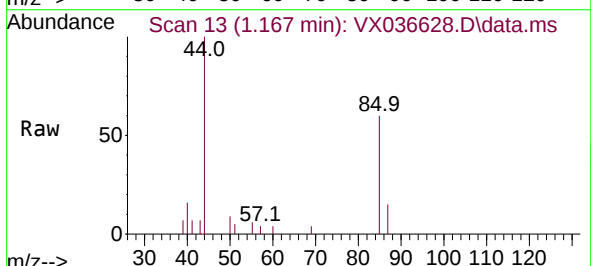
Tgt Ion:168 Resp: 17680
Ion Ratio Lower Upper
168 100
99 64.3 56.6 85.0

Manual Integrations
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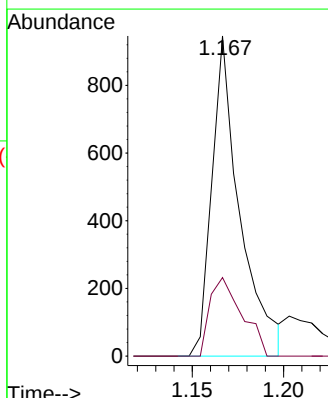
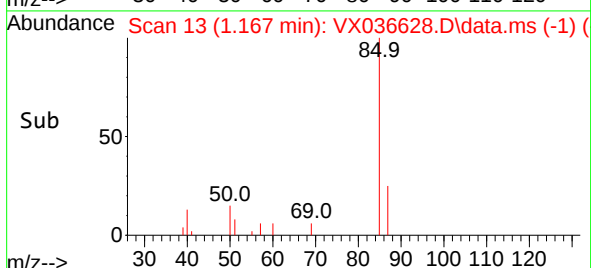
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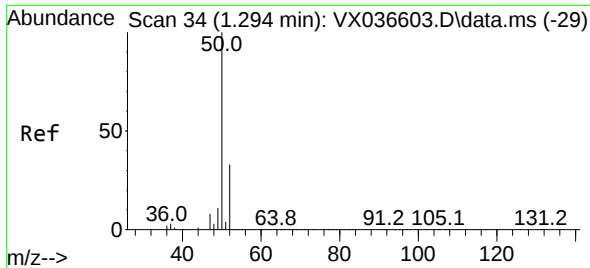


#2
Dichlorodifluoromethane
Concen: 0.432 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47



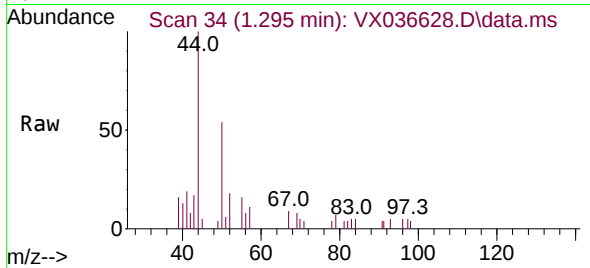
Tgt Ion: 85 Resp: 1009
Ion Ratio Lower Upper
85 100
87 24.5 16.7 50.1





#3
Chloromethane
Concen: 0.690 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

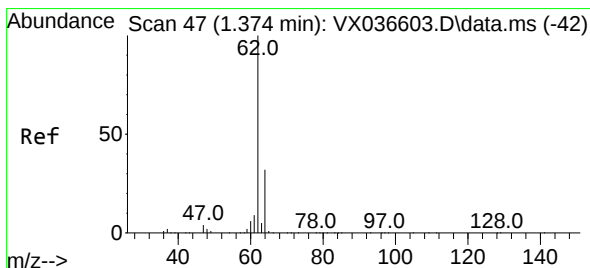
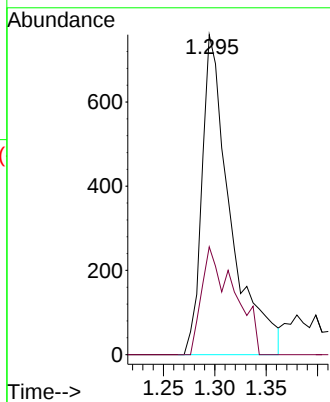
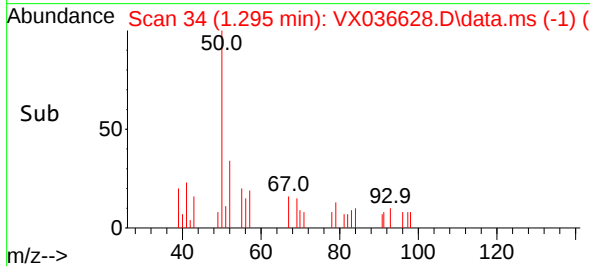
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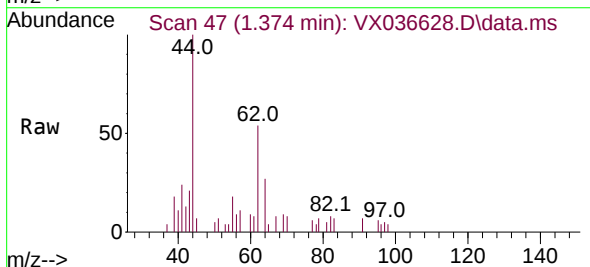
Tgt Ion: 50 Resp: 146
Ion Ratio Lower Upper
50 100
52 33.7 25.5 38.3

Manual Integrations
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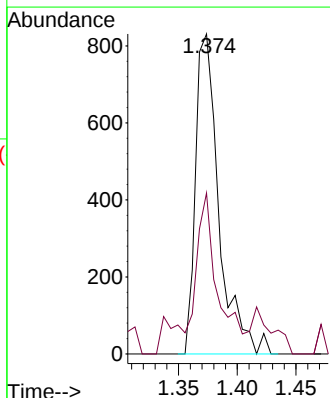
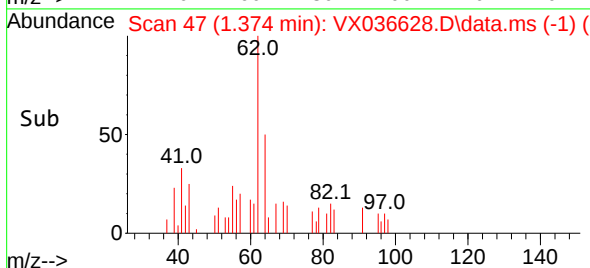
Reviewed By :John Carlone 07/25/2023
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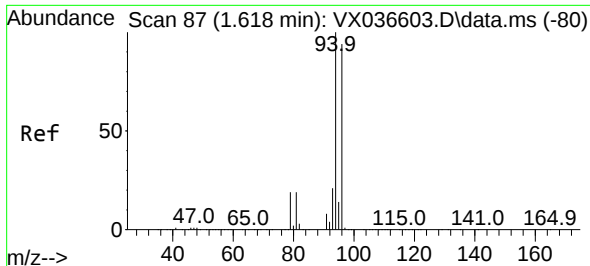


#4
Vinyl Chloride
Concen: 0.531 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47



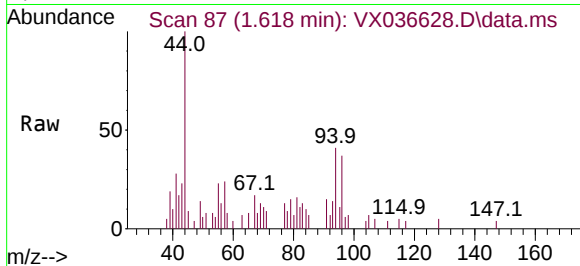
Tgt Ion: 62 Resp: 1149
Ion Ratio Lower Upper
62 100
64 42.8 25.4 38.0#





#5
Bromomethane
Concen: 0.744 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

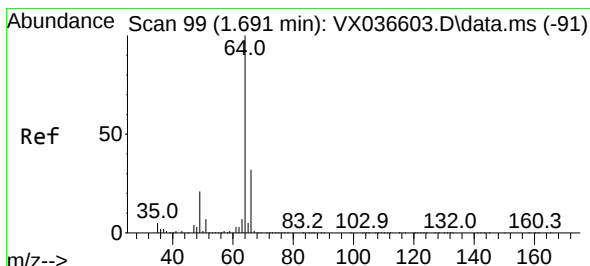
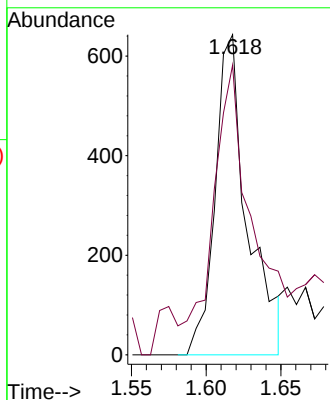
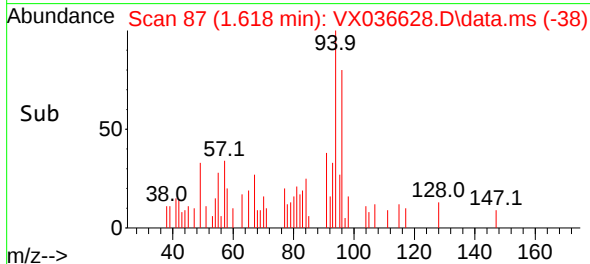
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Tgt Ion: 94 Resp: 96
Ion Ratio Lower Upper
94 100
96 81.5 74.6 111.8

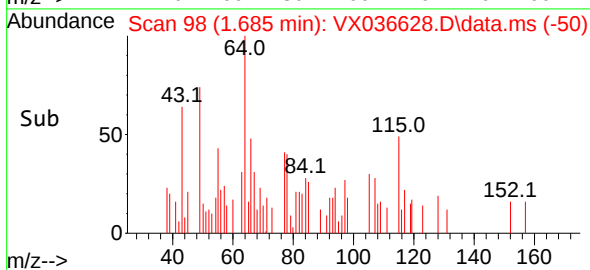
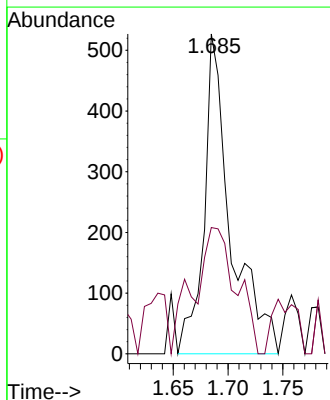
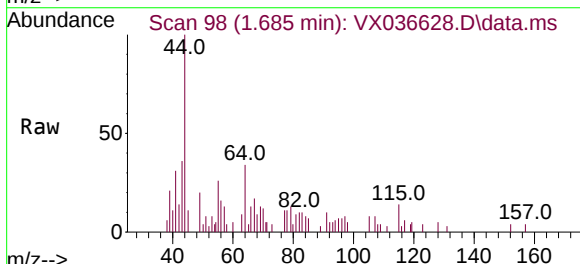
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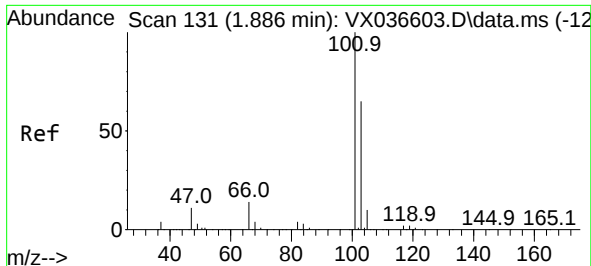
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#6
Chloroethane
Concen: 0.847 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

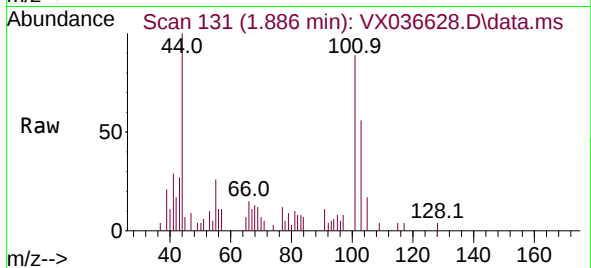
Tgt Ion: 64 Resp: 891
Ion Ratio Lower Upper
64 100
66 23.9 25.1 37.7#





#7
 Trichlorofluoromethane
 Concen: 0.514 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. 0.000 min
 Lab File: VX036628.D
 Acq: 24 Jul 2023 13:47

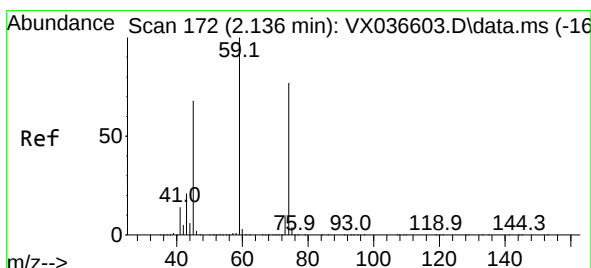
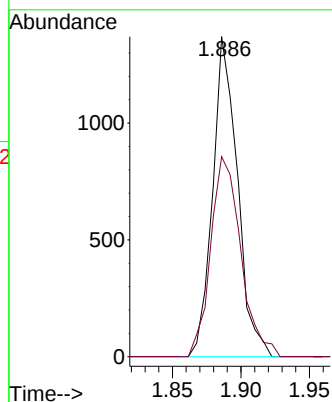
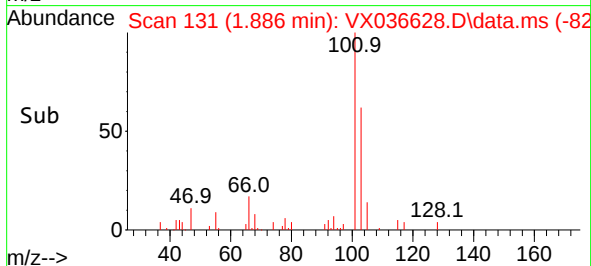
Instrument :
 MSVOA_X
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 MDL-WATER-03-QT3-2023



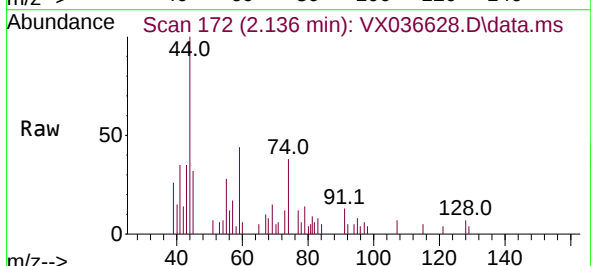
Tgt Ion: 101 Resp: 171
 Ion Ratio Lower Upper
 101 100
 103 62.5 51.4 77.2

Manual Integrations
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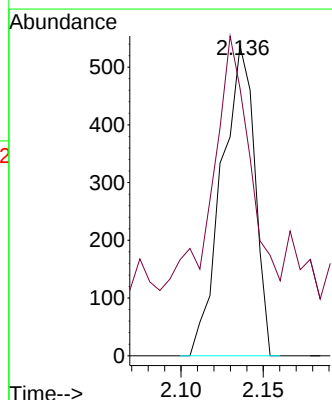
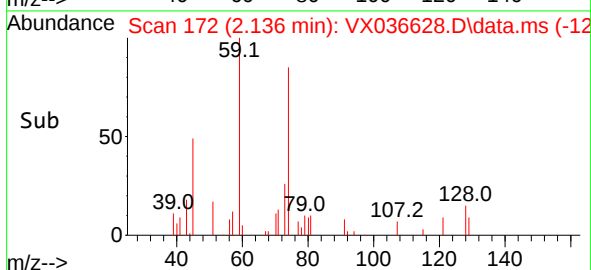
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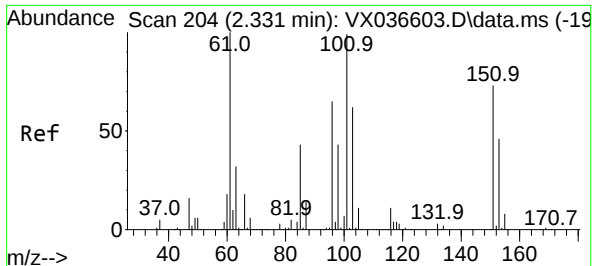


#8
 Diethyl Ether
 Concen: 0.581 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX036628.D
 Acq: 24 Jul 2023 13:47



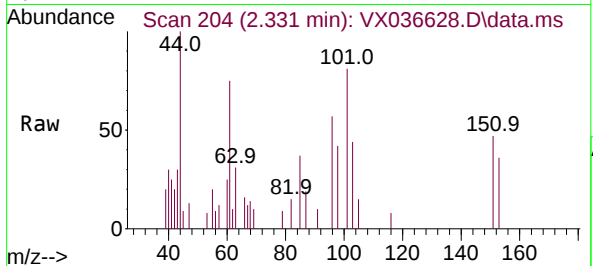
Tgt Ion: 74 Resp: 751
 Ion Ratio Lower Upper
 74 100
 45 92.9 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.539 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

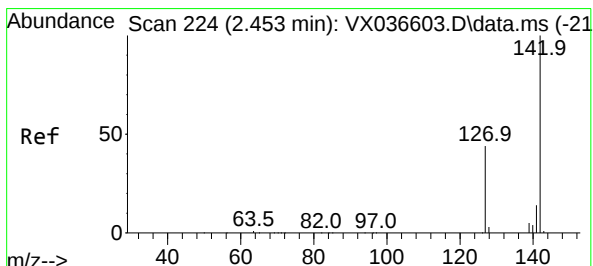
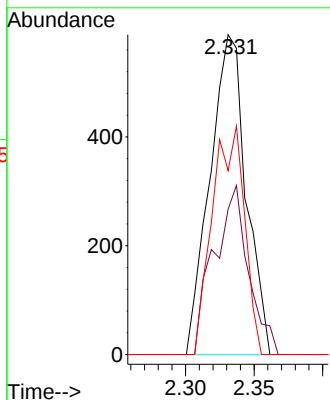
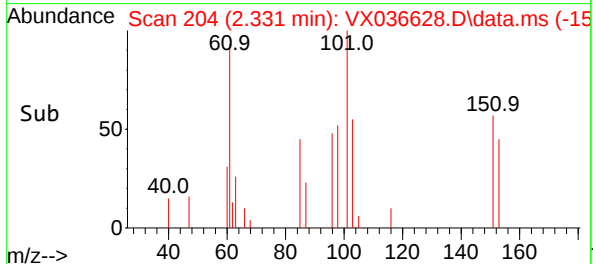
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion:101 Resp: 108
Ion Ratio Lower Upper
101 100
85 50.4 37.0 55.6
151 63.3 58.6 87.8

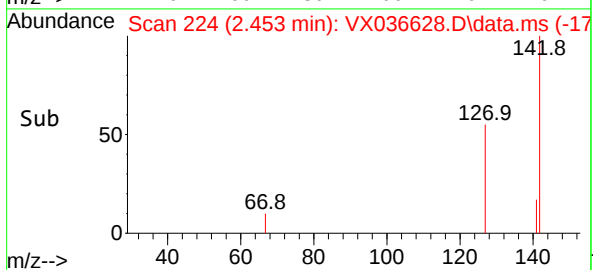
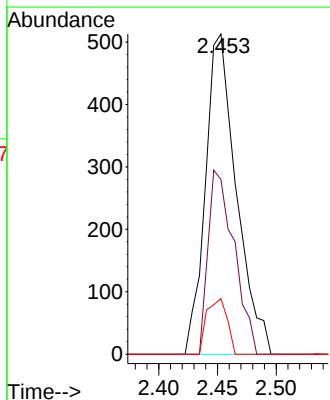
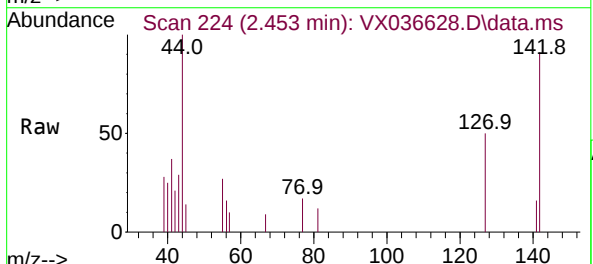
Manual Integrations
APPROVED

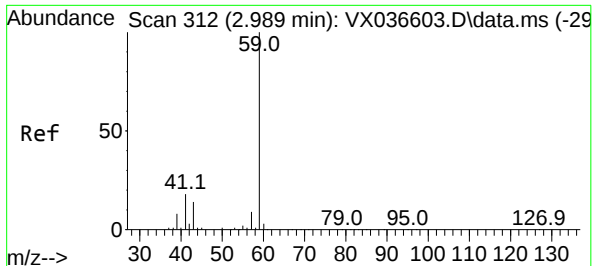
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#10
Methyl Iodide
Concen: 0.452 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

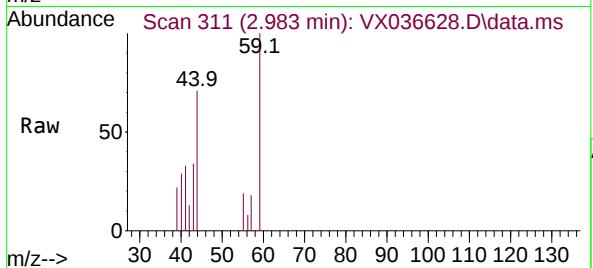
Tgt Ion:142 Resp: 942
Ion Ratio Lower Upper
142 100
127 48.0 41.6 62.4
141 11.4 11.6 17.4#





#11
Tert butyl alcohol
Concen: 3.076 ug/l m
RT: 2.983 min Scan# 312
Delta R.T. -0.006 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

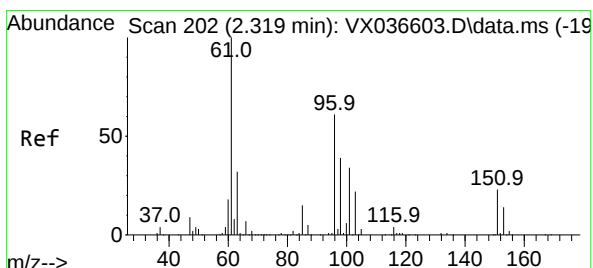
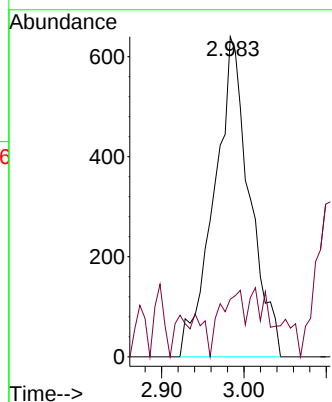
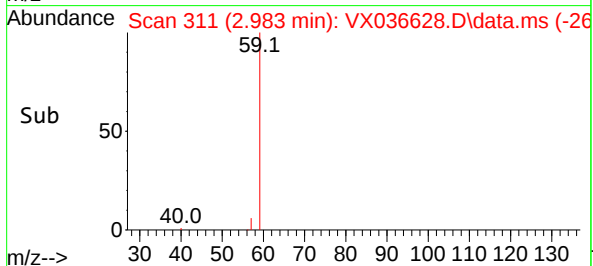
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2023



Tgt Ion: 59 Resp: 190
Ion Ratio Lower Upper
59 100
57 13.6 6.0 9.0

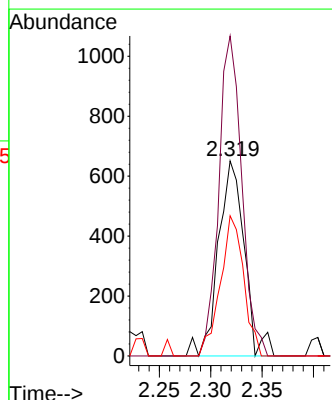
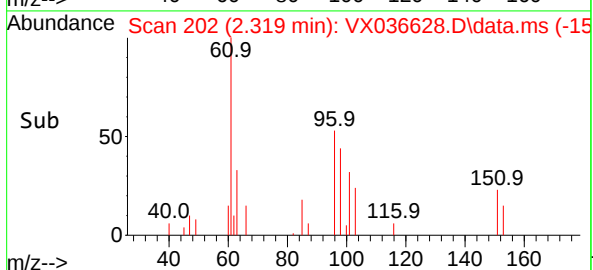
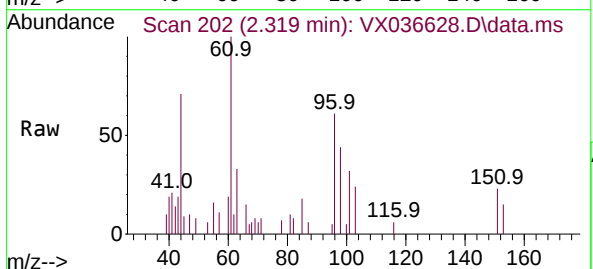
Manual Integrations
APPROVED

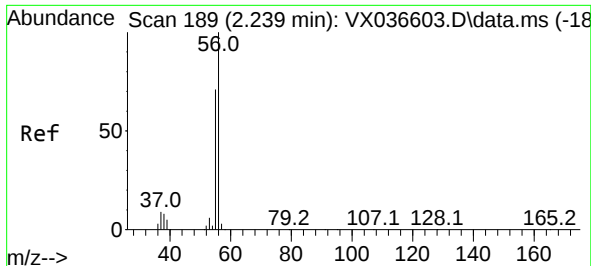
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#12
1,1-Dichloroethene
Concen: 0.577 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

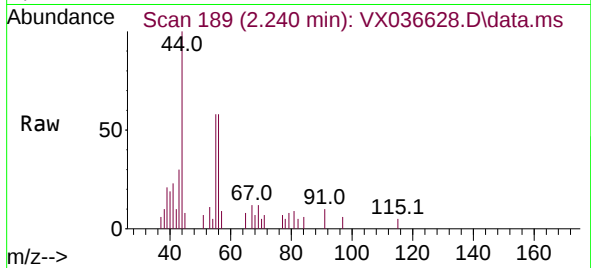
Tgt Ion: 96 Resp: 1142
Ion Ratio Lower Upper
96 100
61 164.1 144.6 216.8
98 71.9 50.4 75.6





#13
Acrolein
Concen: 2.798 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

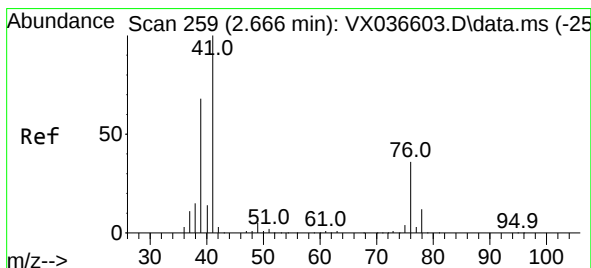
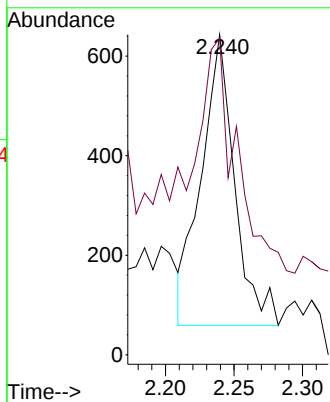
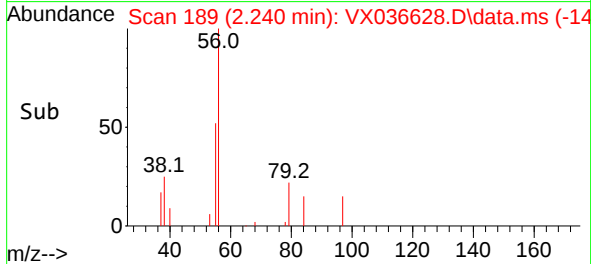
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023



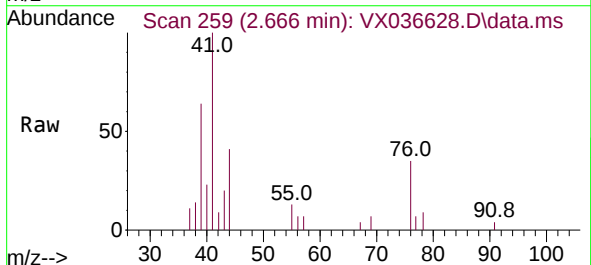
Tgt Ion: 56 Resp: 989
Ion Ratio Lower Upper
56 100
55 86.5 57.1 85.7

Manual Integrations
APPROVED

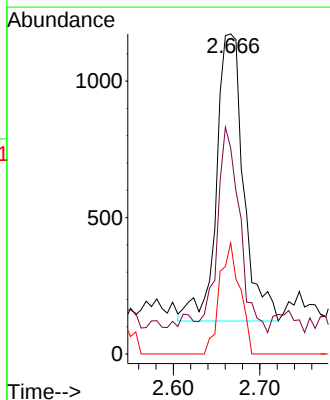
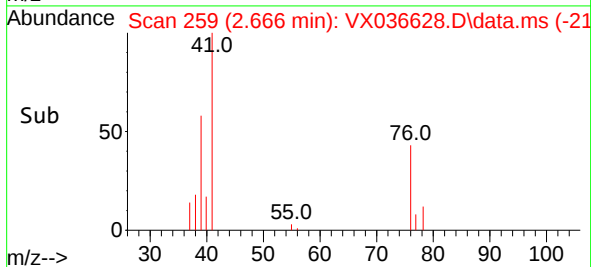
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

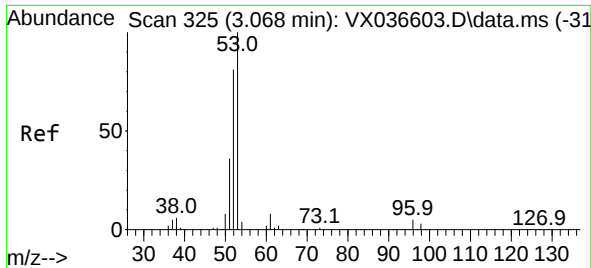


#14
Allyl chloride
Concen: 0.587 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47



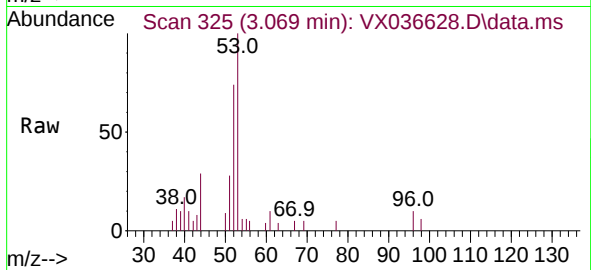
Tgt Ion: 41 Resp: 2290
Ion Ratio Lower Upper
41 100
39 58.3 55.8 83.6
76 28.8 24.3 36.5





#15
Acrylonitrile
Concen: 2.828 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

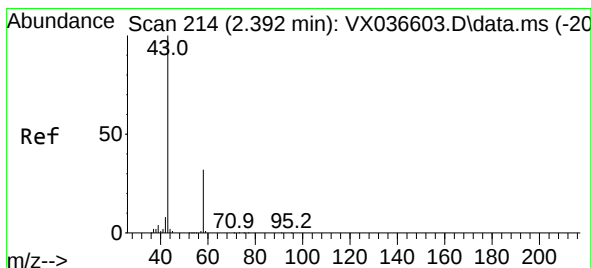
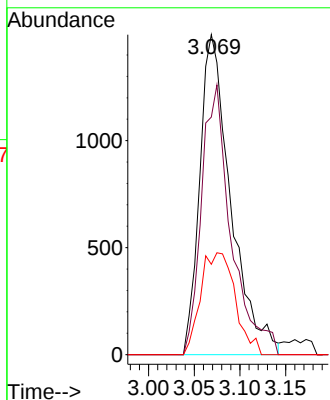
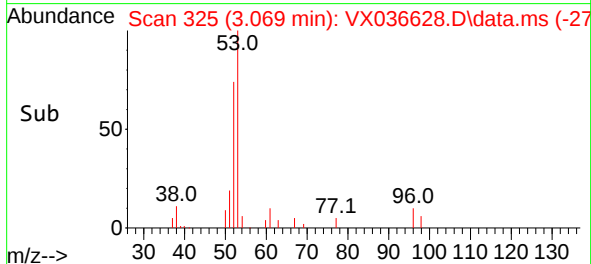
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion: 53 Resp: 352
Ion Ratio Lower Upper
53 100
52 80.3 66.0 99.0
51 35.5 29.8 44.6

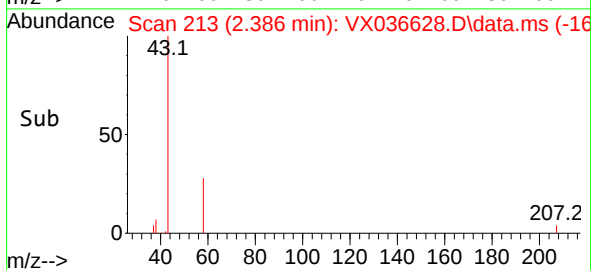
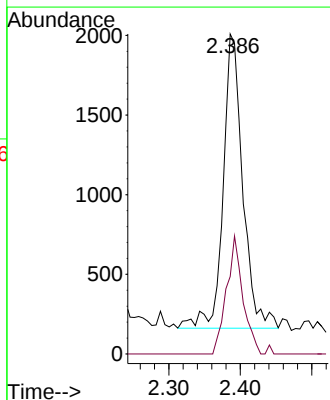
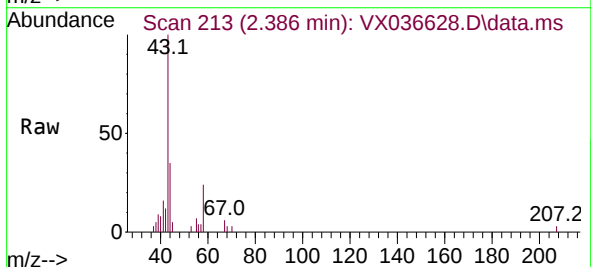
Manual Integrations
APPROVED

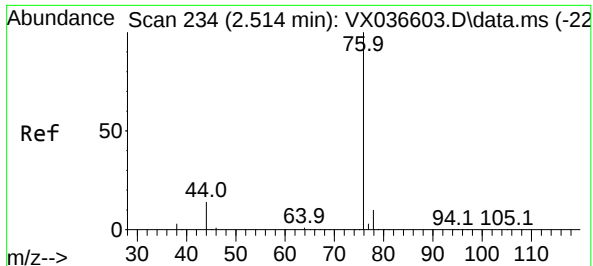
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#16
Acetone
Concen: 3.251 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

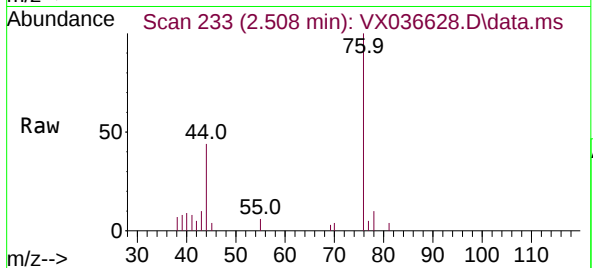
Tgt Ion: 43 Resp: 3529
Ion Ratio Lower Upper
43 100
58 26.3 21.9 32.9





#17
Carbon Disulfide
Concen: 0.641 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

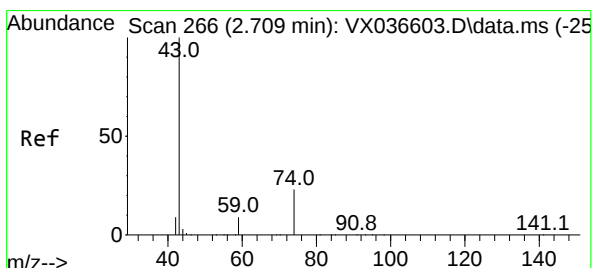
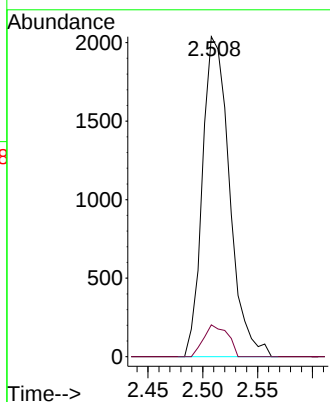
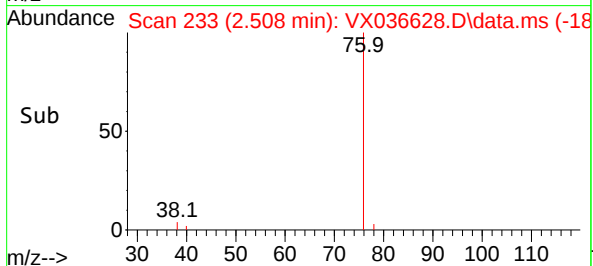
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion: 76 Resp: 3502
Ion Ratio Lower Upper
76 100
78 10.0 7.0 10.6

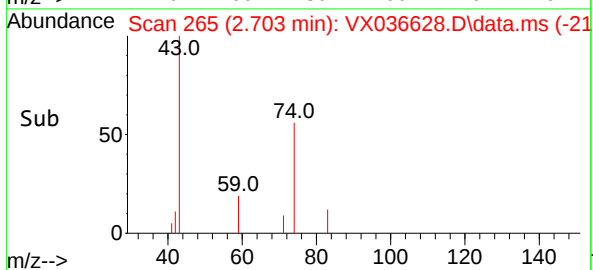
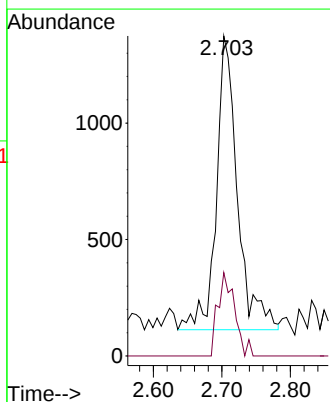
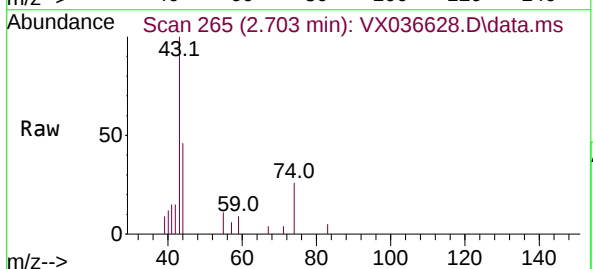
Manual Integrations
APPROVED

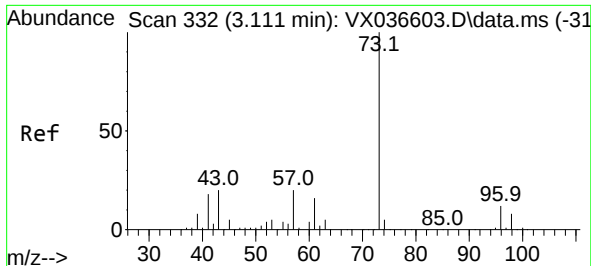
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#18
Methyl Acetate
Concen: 0.589 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

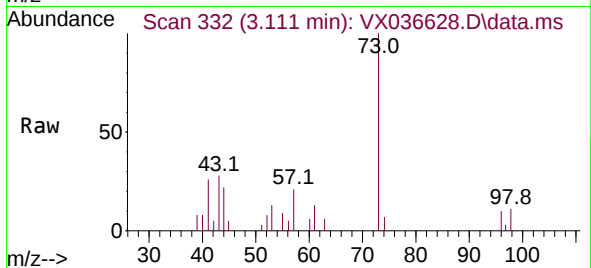
Tgt Ion: 43 Resp: 2690
Ion Ratio Lower Upper
43 100
74 22.6 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 0.535 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

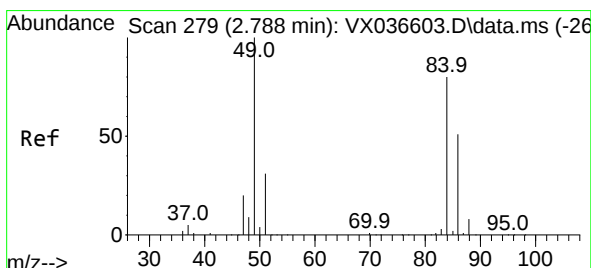
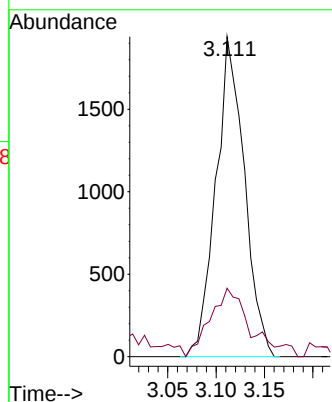
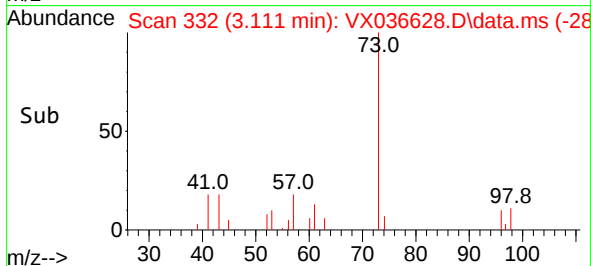
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion: 73 Resp: 398
Ion Ratio Lower Upper
73 100
57 18.1 17.3 25.9

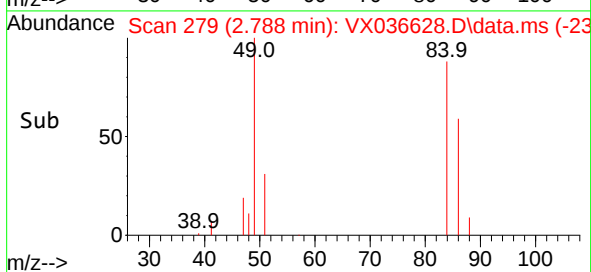
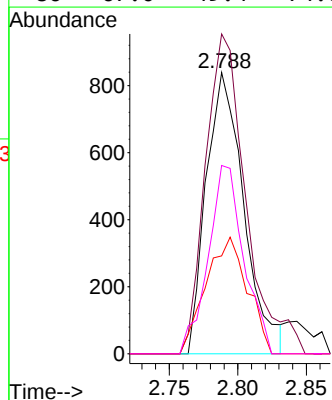
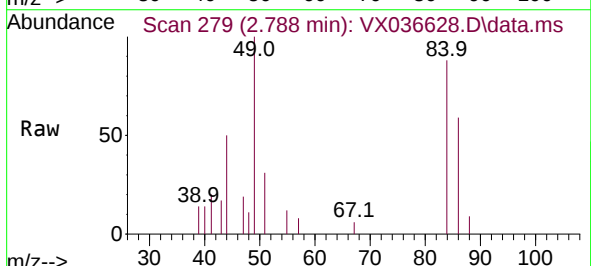
Manual Integrations
APPROVED

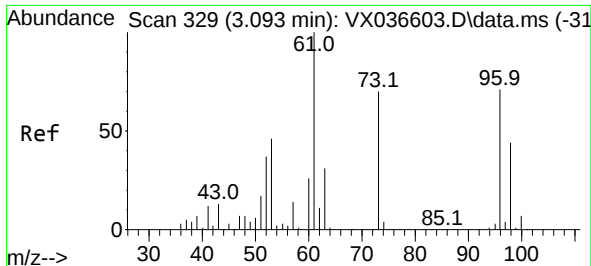
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#20
Methylene Chloride
Concen: 0.664 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

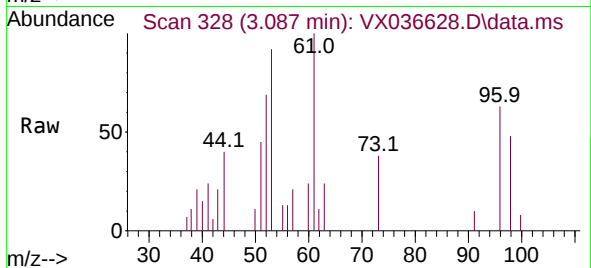
Tgt Ion: 84 Resp: 1604
Ion Ratio Lower Upper
84 100
49 113.7 103.6 155.4
51 34.8 33.8 50.6
86 67.0 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 0.515 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

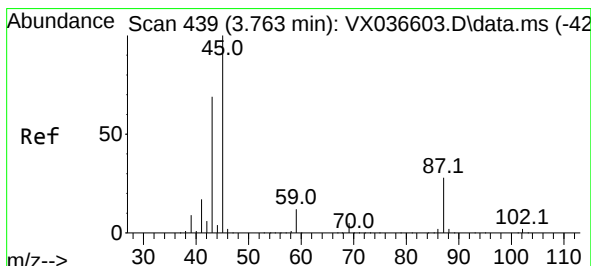
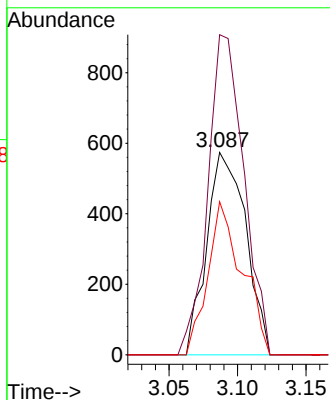
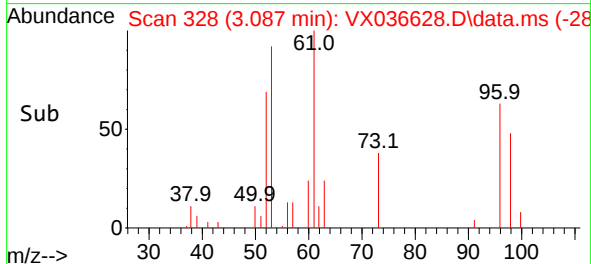
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion: 96 Resp: 1140
Ion Ratio Lower Upper
96 100
61 158.2 119.2 178.8
98 75.6 48.7 73.1

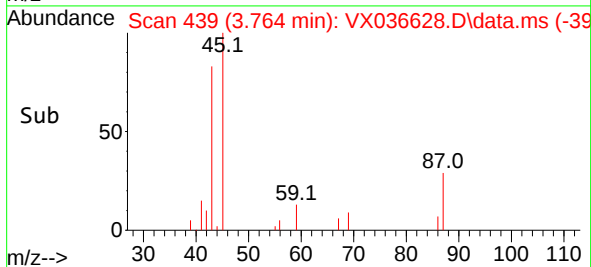
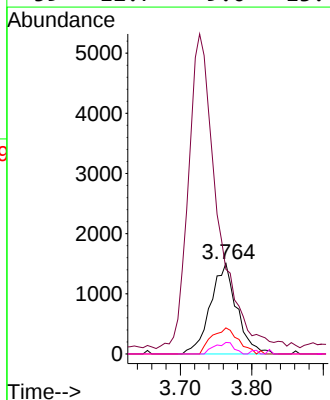
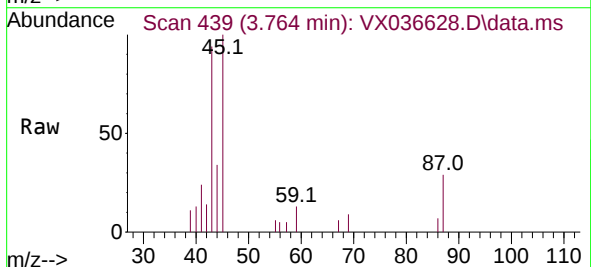
Manual Integrations
APPROVED

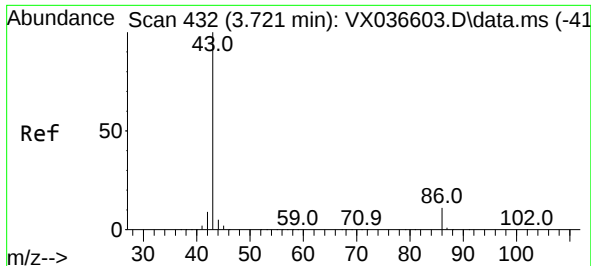
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#22
Diisopropyl ether
Concen: 0.521 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

Tgt Ion: 45 Resp: 3854
Ion Ratio Lower Upper
45 100
43 79.7 69.7 104.5
87 28.8 20.8 31.2
59 12.7 9.0 13.4





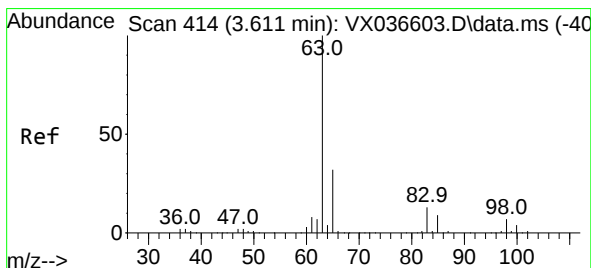
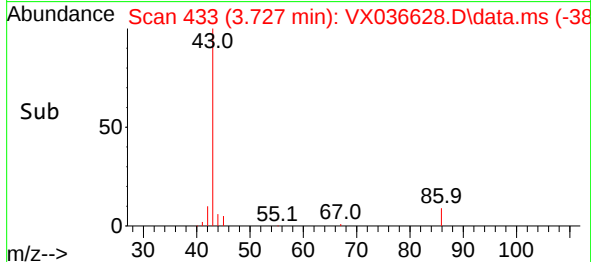
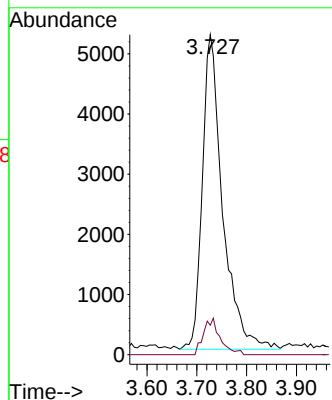
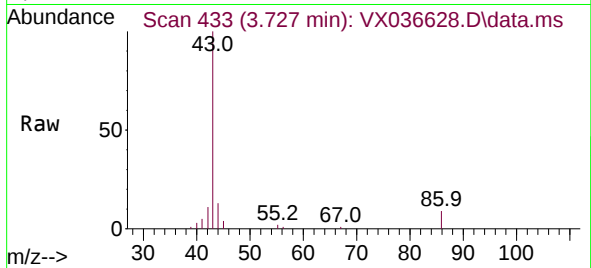
#23
 Vinyl Acetate
 Concen: 2.606 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX036628.D
 Acq: 24 Jul 2023 13:47

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

Tgt Ion: 43 Resp: 14799
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.8 11.8

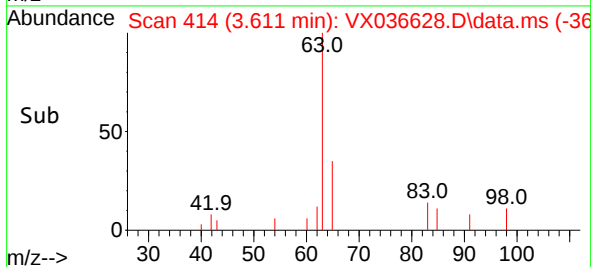
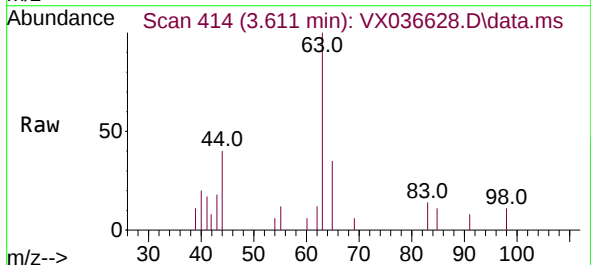
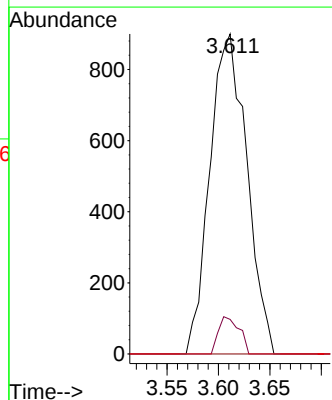
Manual Integrations
 APPROVED

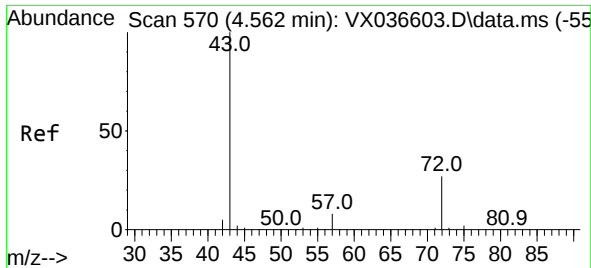
Reviewed By :John Carlone 07/25/2023
 Supervised By :Mahesh Dadoda 07/25/2023



#24
 1,1-Dichloroethane
 Concen: 0.542 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX036628.D
 Acq: 24 Jul 2023 13:47

Tgt Ion: 63 Resp: 2249
 Ion Ratio Lower Upper
 63 100
 98 10.8 3.3 9.8#
 100 0.0 2.1 6.5#





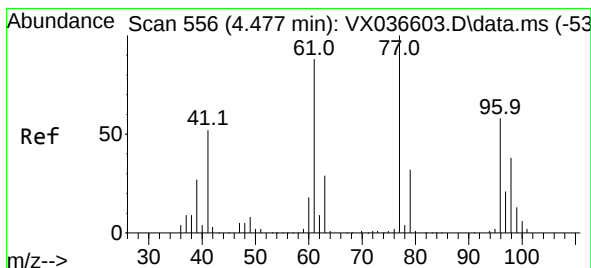
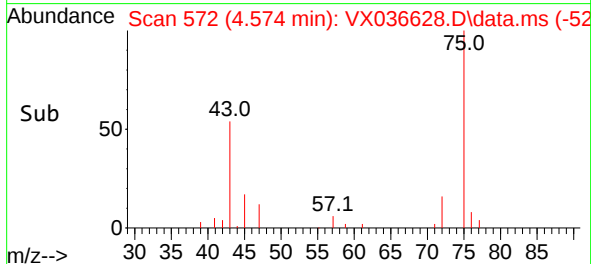
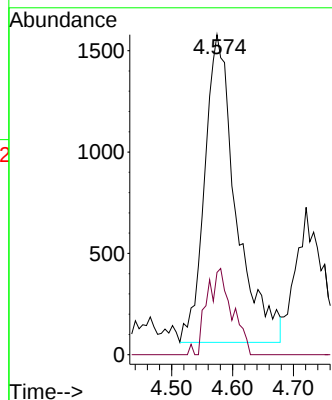
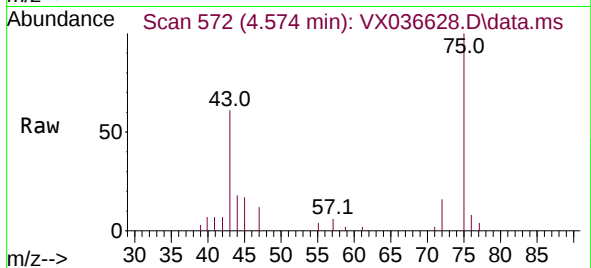
#25
2-Butanone
Concen: 3.078 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

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

Tgt Ion: 43 Resp: 542
Ion Ratio Lower Upper
43 100
72 26.7 19.4 29.2

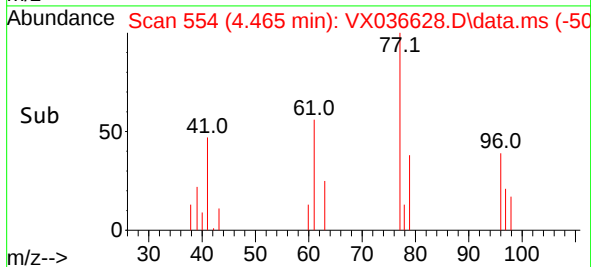
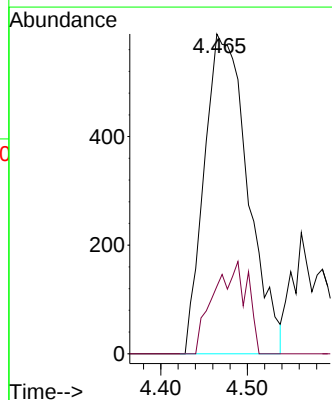
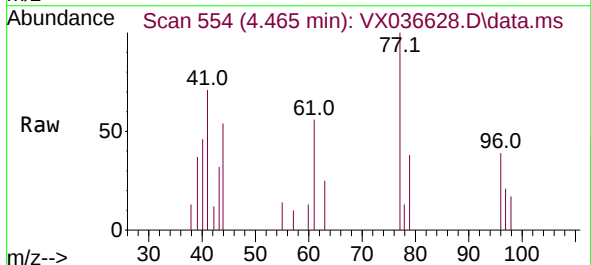
Manual Integrations
APPROVED

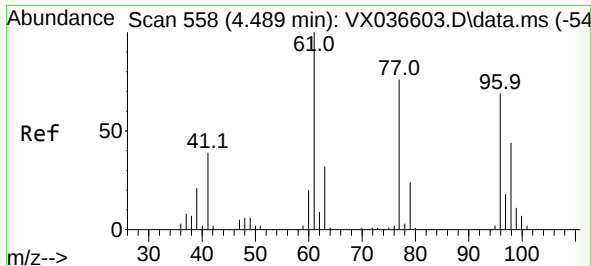
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#26
2,2-Dichloropropane
Concen: 0.526 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.012 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

Tgt Ion: 77 Resp: 2055
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#





#27

cis-1,2-Dichloroethene

Concen: 0.490 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX036628.D

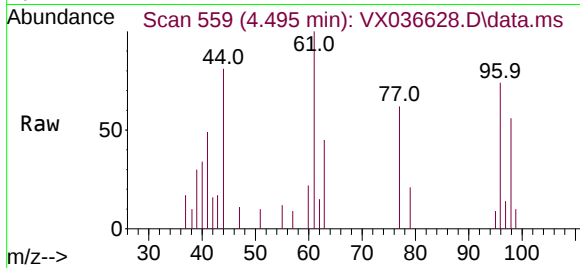
Acq: 24 Jul 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023



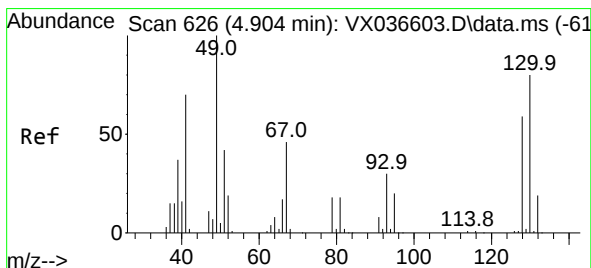
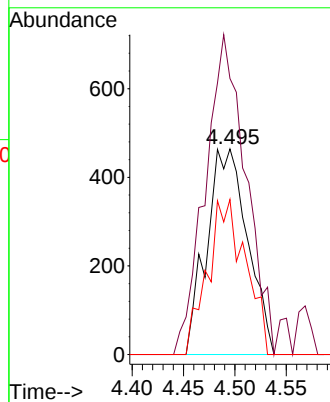
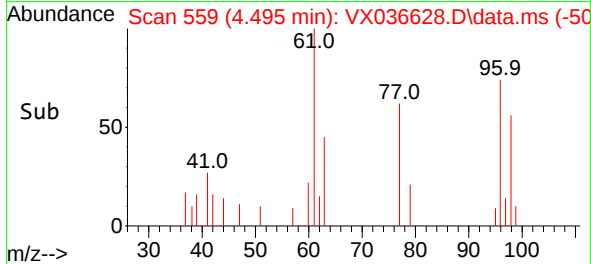
Tgt Ion: 96	Resp: 128
Ion Ratio	Lower Upper
96	100
61	156.8 0.0 312.2
98	70.0 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#28

Bromochloromethane

Concen: 0.468 ug/l

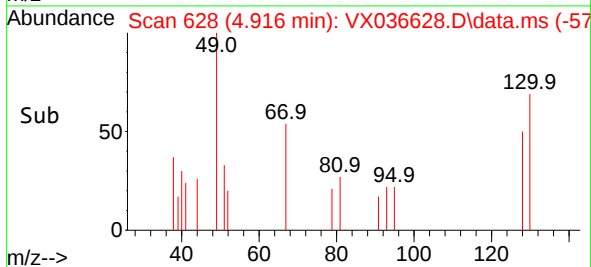
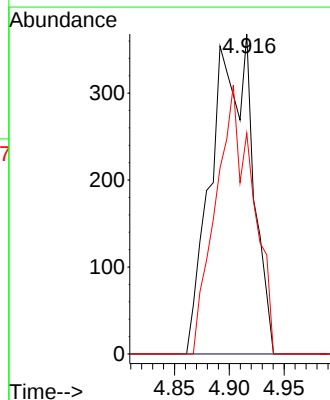
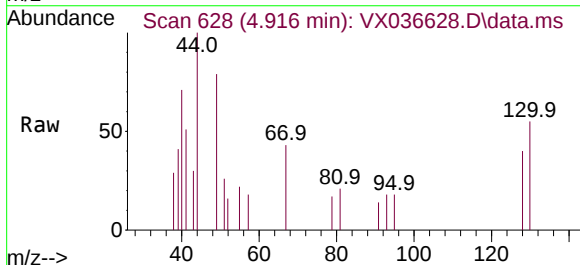
RT: 4.916 min Scan# 628

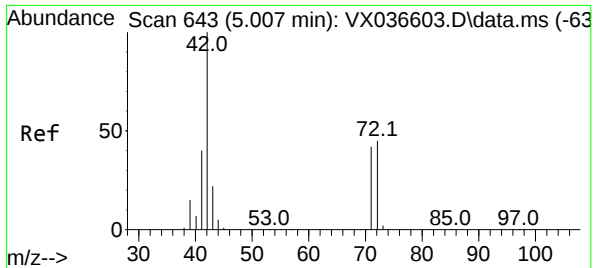
Delta R.T. 0.012 min

Lab File: VX036628.D

Acq: 24 Jul 2023 13:47

Tgt Ion: 49	Resp: 939
Ion Ratio	Lower Upper
49	100
129	0.0 0.0 3.8
130	76.9 57.5 86.3





#29

Tetrahydrofuran

Concen: 3.439 ug/l

RT: 5.013 min Scan# 643

Delta R.T. 0.006 min

Lab File: VX036628.D

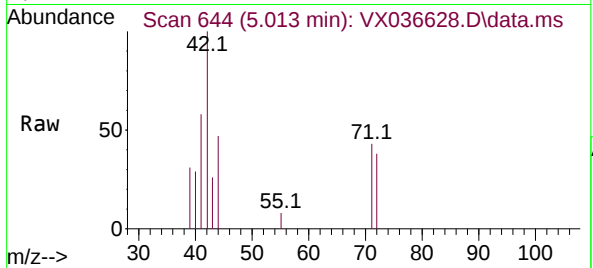
Acq: 24 Jul 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023



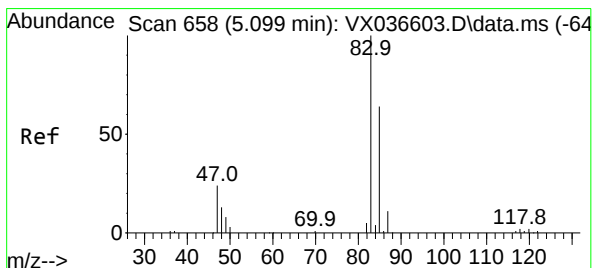
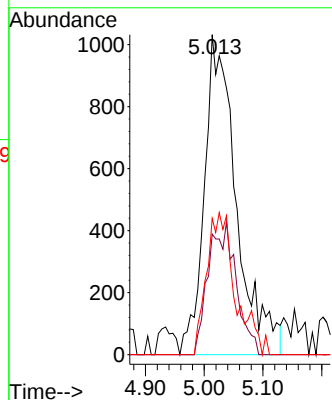
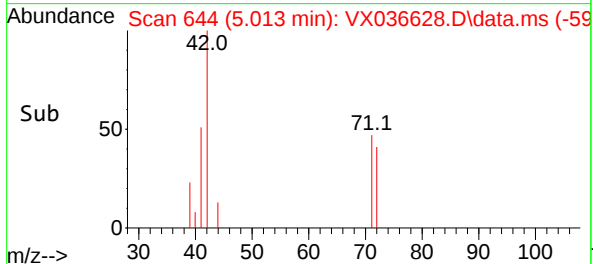
Tgt Ion:	42	Resp:	390
Ion Ratio	Lower	Upper	
42	100		
72	20.0	34.2	51.4
71	39.9	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#30

Chloroform

Concen: 0.570 ug/l

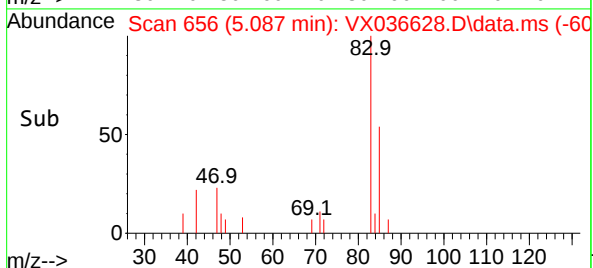
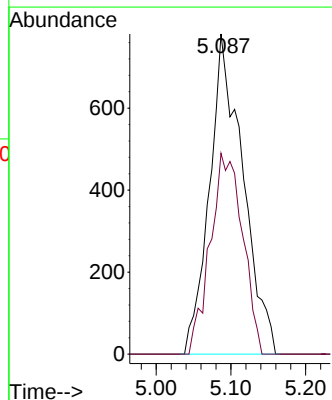
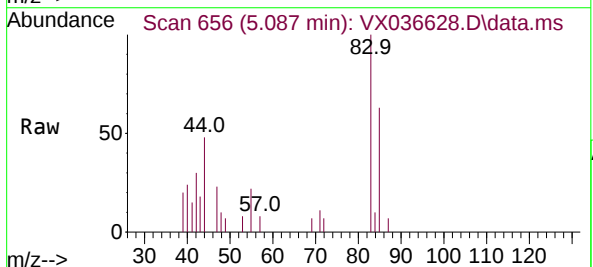
RT: 5.087 min Scan# 656

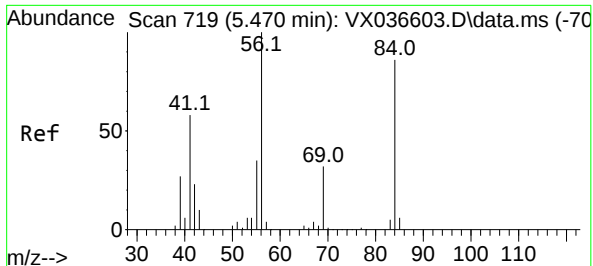
Delta R.T. -0.012 min

Lab File: VX036628.D

Acq: 24 Jul 2023 13:47

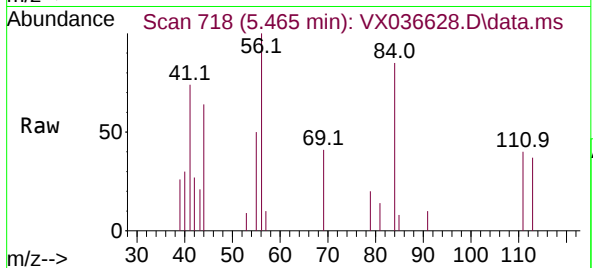
Tgt Ion:	83	Resp:	2422
Ion Ratio	Lower	Upper	
83	100		
85	62.7	50.3	75.5





#31
Cyclohexane
Concen: 0.555 ug/l
RT: 5.465 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

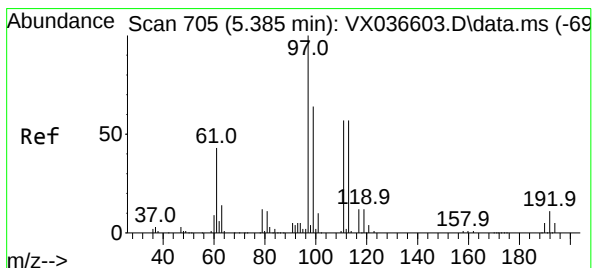
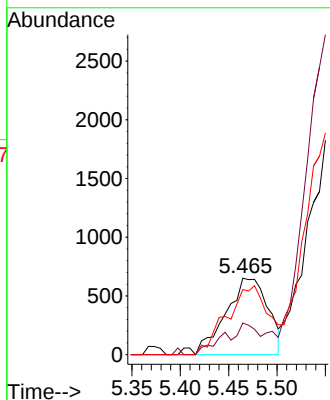
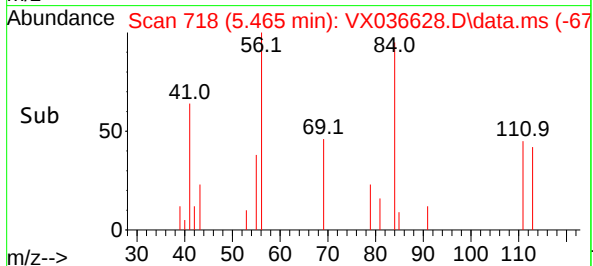
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023



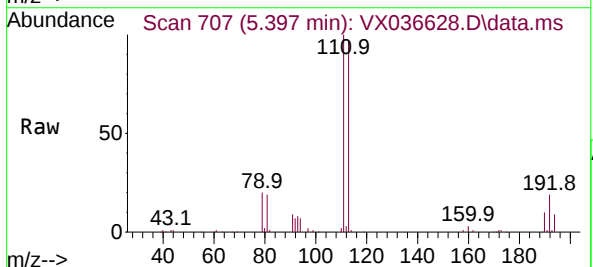
Tgt Ion: 56 Resp: 201
Ion Ratio Lower Upper
56 100
69 32.7 23.4 35.2
84 85.1 65.9 98.9

Manual Integrations
APPROVED

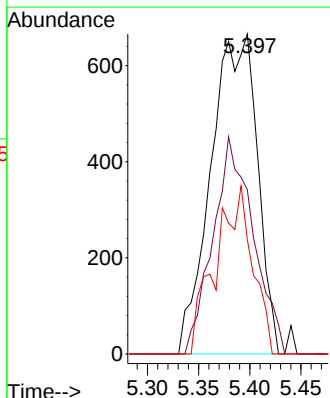
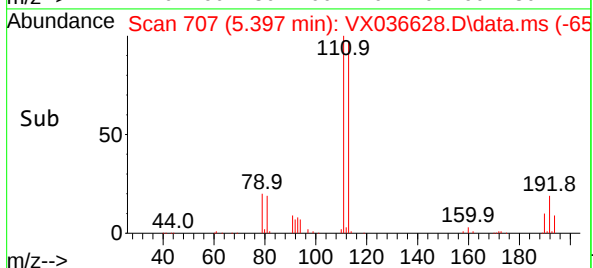
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

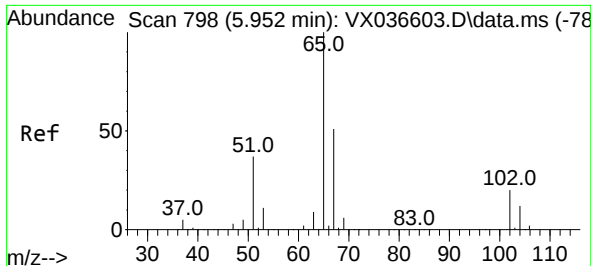


#32
1,1,1-Trichloroethane
Concen: 0.540 ug/l m
RT: 5.397 min Scan# 707
Delta R.T. 0.012 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47



Tgt Ion: 97 Resp: 2100
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 41.9 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 48.859 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX036628.D

Acq: 24 Jul 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion: 65 Resp: 127820

Ion Ratio Lower Upper

65 100

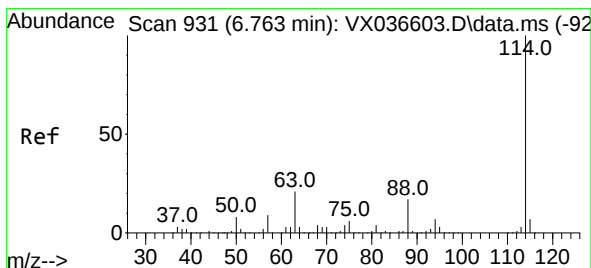
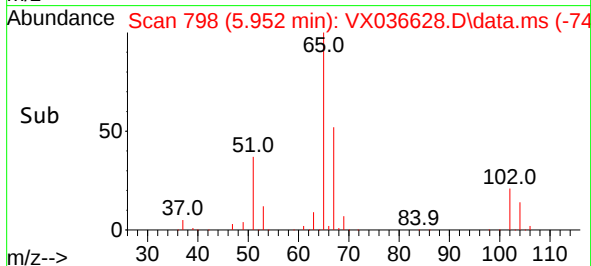
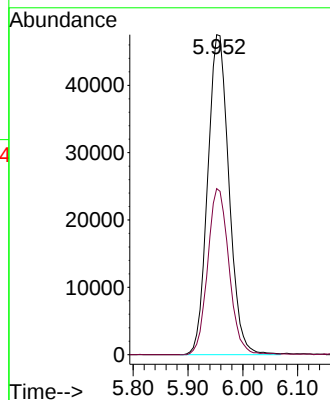
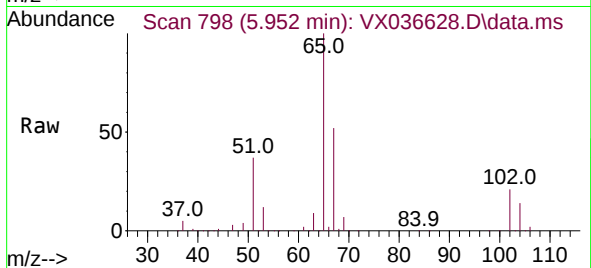
67 52.1 0.0 100.2

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: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX036628.D

Acq: 24 Jul 2023 13:47

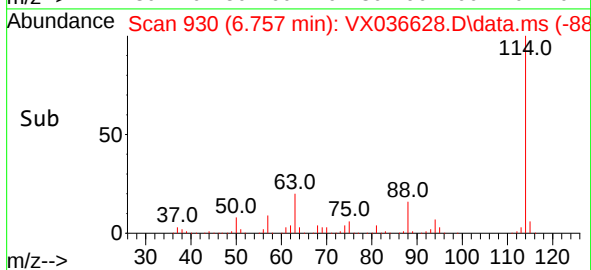
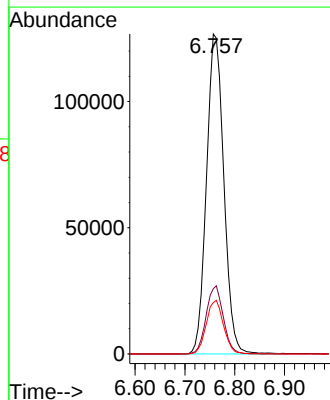
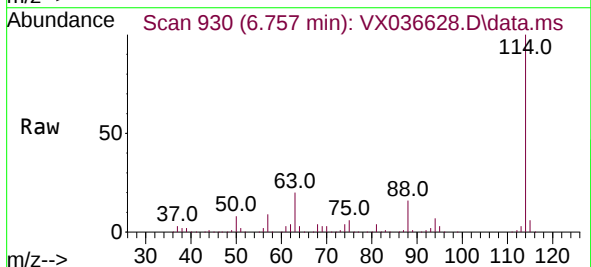
Tgt Ion:114 Resp: 306512

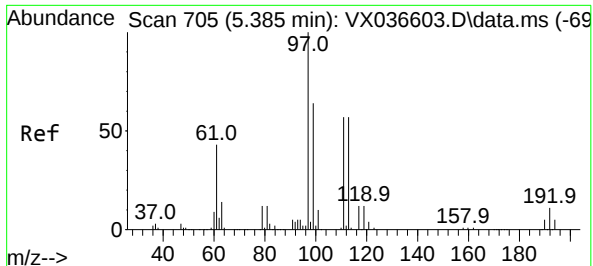
Ion Ratio Lower Upper

114 100

63 20.4 0.0 45.0

88 16.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.678 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036628.D

Acq: 24 Jul 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

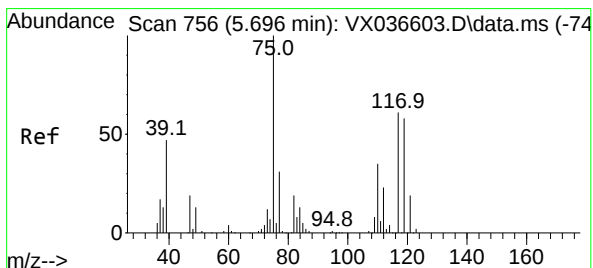
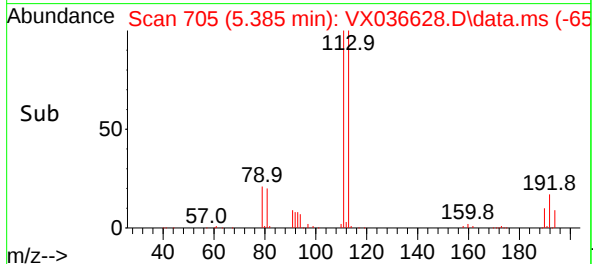
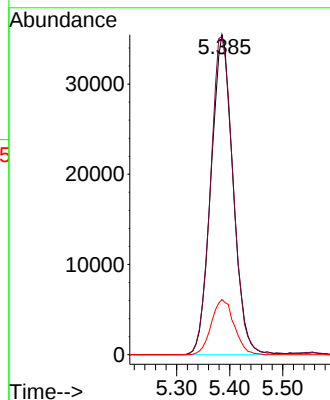
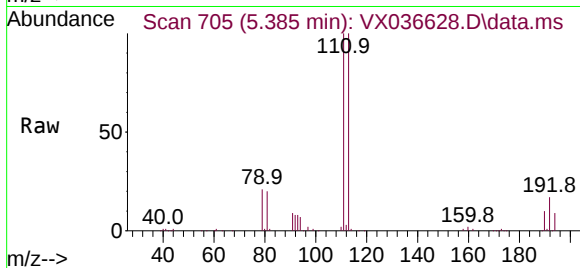
Tgt Ion:	113	Resp:	10255
Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.9	124.3
192	17.7	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#36

1,1-Dichloropropene

Concen: 0.544 ug/l

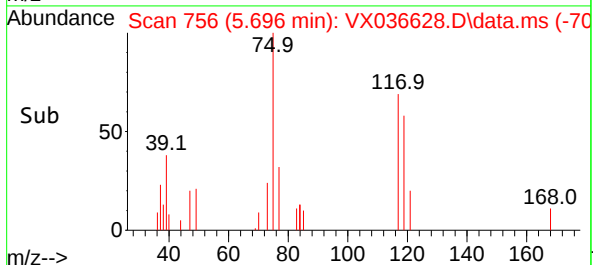
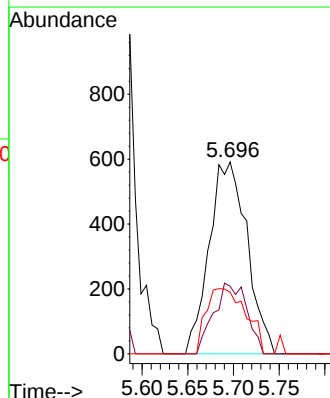
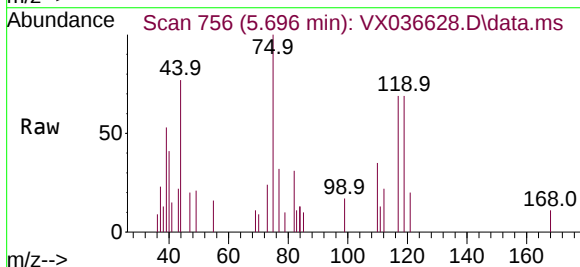
RT: 5.696 min Scan# 756

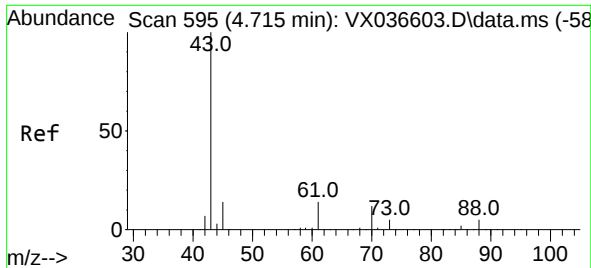
Delta R.T. 0.000 min

Lab File: VX036628.D

Acq: 24 Jul 2023 13:47

Tgt Ion:	75	Resp:	1707
Ion	Ratio	Lower	Upper
75	100		
110	32.0	17.0	50.9
77	35.7	24.7	37.1





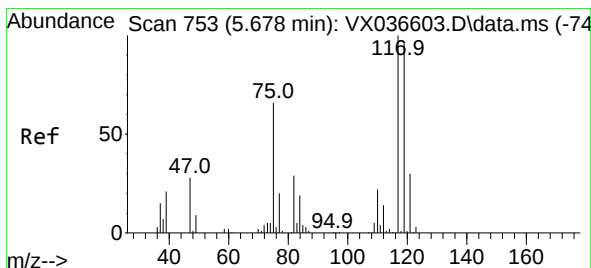
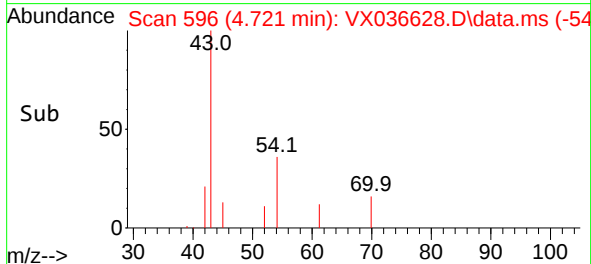
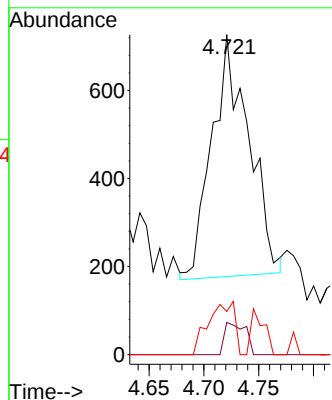
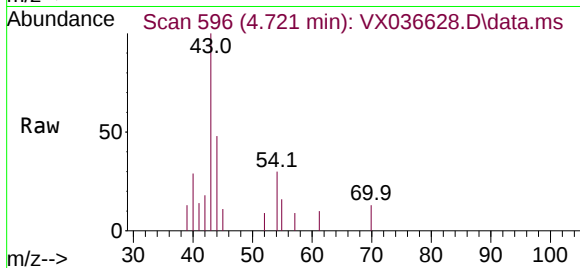
#37
Ethyl Acetate
Concen: 0.362 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

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

Tgt Ion: 43 Resp: 1288
Ion Ratio Lower Upper
43 100
61 7.5 10.6 16.0
70 15.5 8.3 12.5

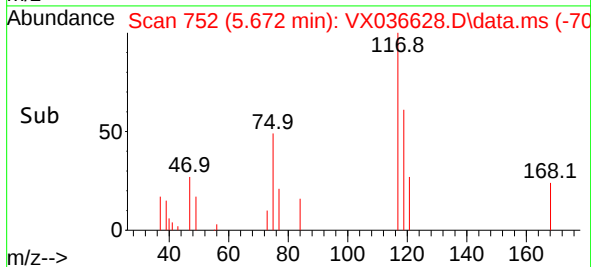
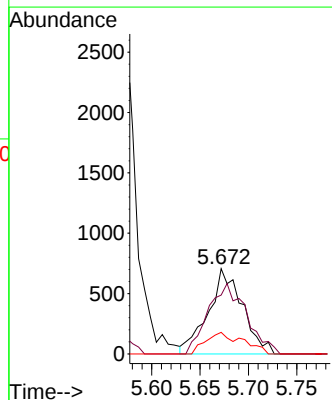
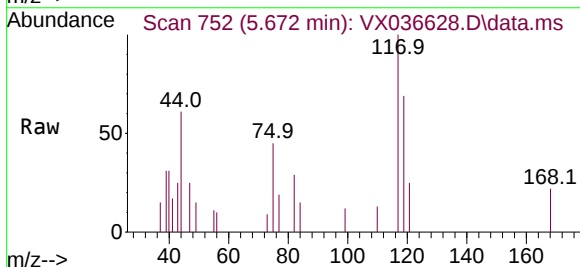
Manual Integrations
APPROVED

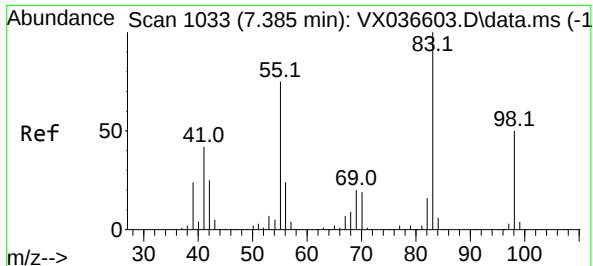
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#38
Carbon Tetrachloride
Concen: 0.520 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

Tgt Ion:117 Resp: 1735
Ion Ratio Lower Upper
117 100
119 69.0 78.2 117.2#
121 25.2 24.4 36.6





#39

Methylcyclohexane

Concen: 0.525 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX036628.D

Acq: 24 Jul 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion: 83 Resp: 2050

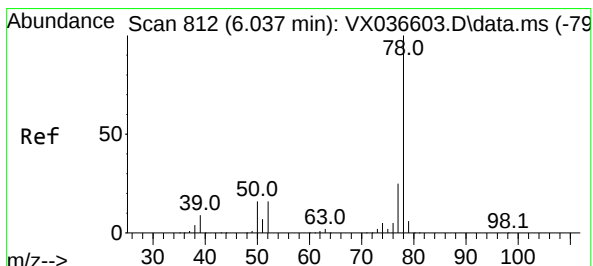
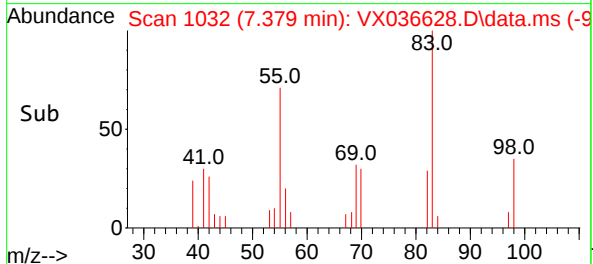
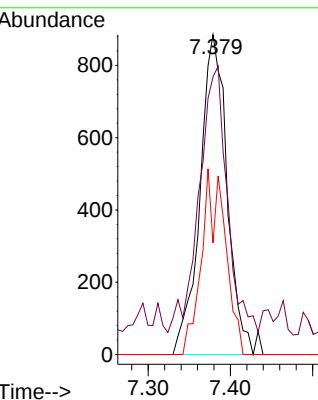
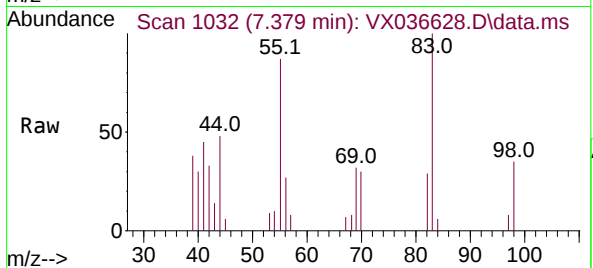
Ion	Ratio	Lower	Upper
83	100		
55	79.9	64.6	97.0
98	34.9	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#40

Benzene

Concen: 0.552 ug/l

RT: 6.038 min Scan# 812

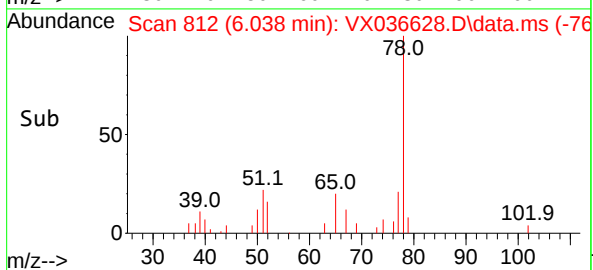
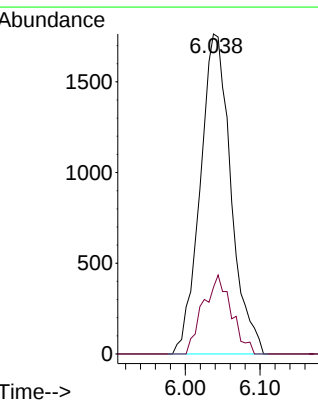
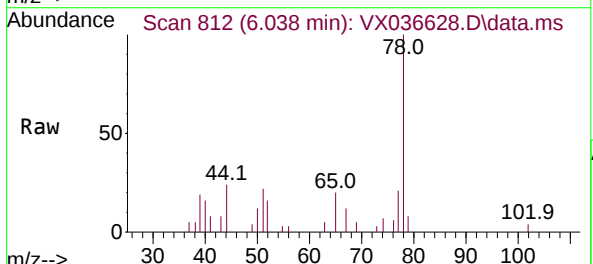
Delta R.T. 0.000 min

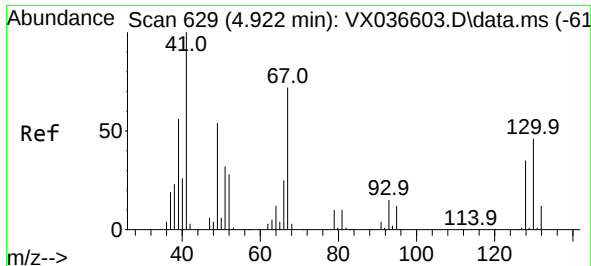
Lab File: VX036628.D

Acq: 24 Jul 2023 13:47

Tgt Ion: 78 Resp: 5043

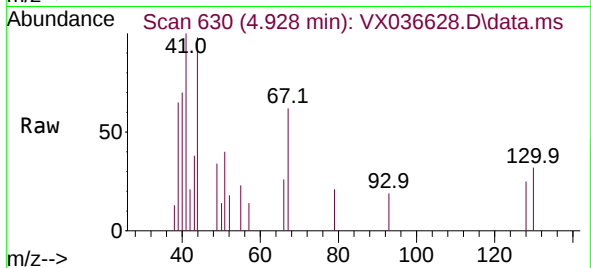
Ion	Ratio	Lower	Upper
78	100		
77	20.8	19.3	28.9





#41
Methacrylonitrile
Concen: 0.557 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

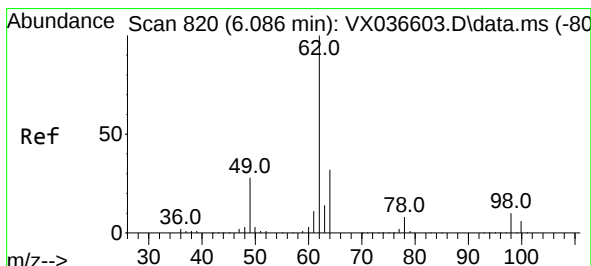
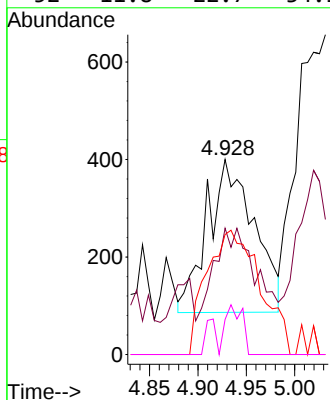
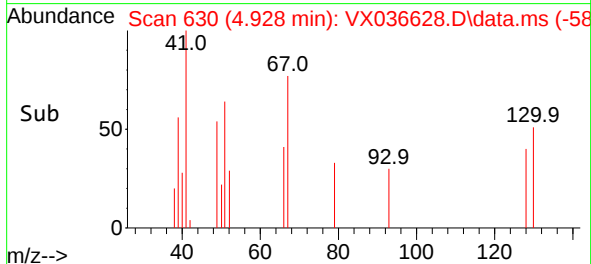
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion: 41 Resp: 1058
Ion Ratio Lower Upper
41 100
39 53.4 45.2 67.8
67 92.7 52.6 78.8
52 11.8 22.7 34.1#

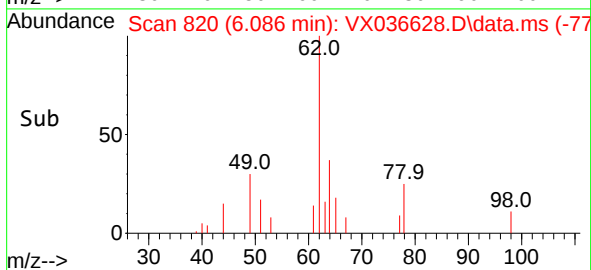
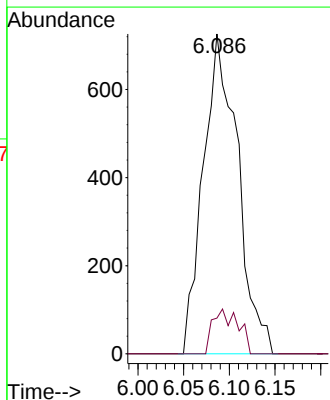
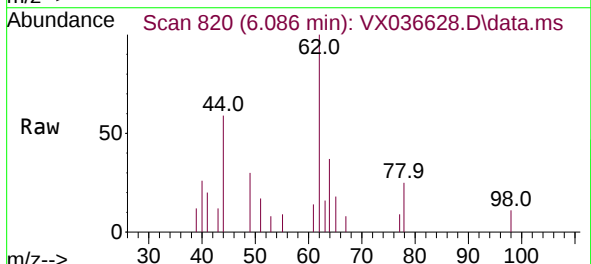
Manual Integrations
APPROVED

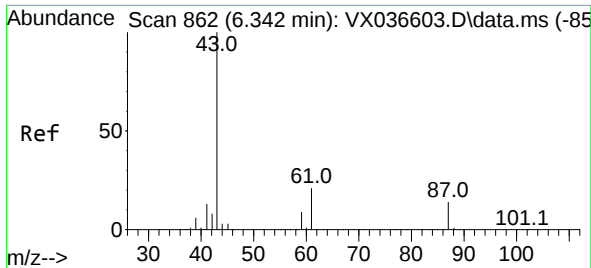
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#42
1,2-Dichloroethane
Concen: 0.569 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

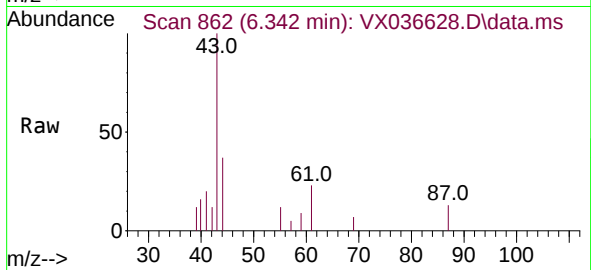
Tgt Ion: 62 Resp: 1901
Ion Ratio Lower Upper
62 100
98 10.4 0.0 16.0





#43
Isopropyl Acetate
Concen: 0.531 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

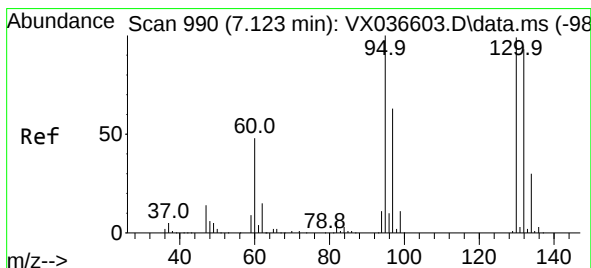
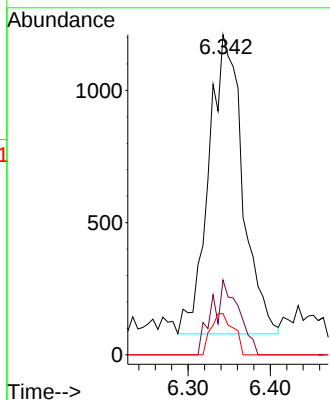
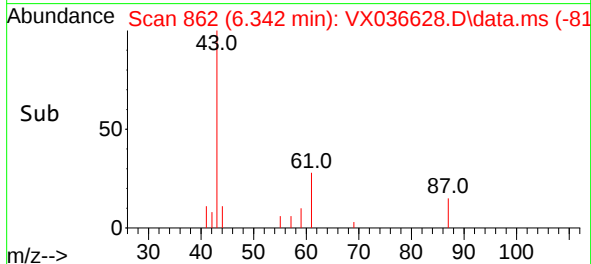
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion: 43 Resp: 3249
Ion Ratio Lower Upper
43 100
61 19.5 15.2 22.8
87 9.1 9.8 14.6

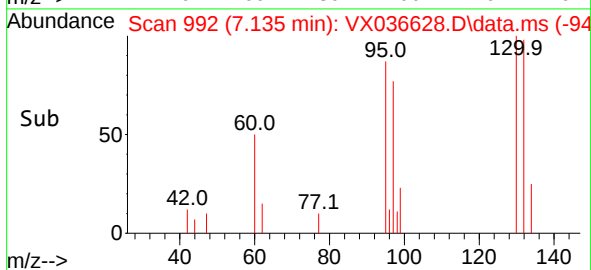
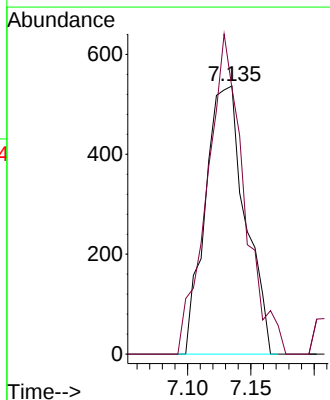
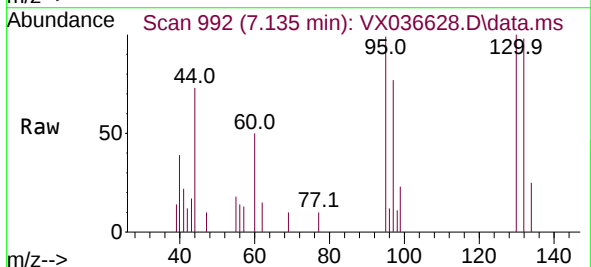
Manual Integrations
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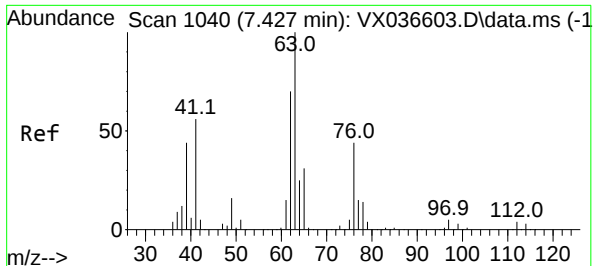
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#44
Trichloroethene
Concen: 0.494 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

Tgt Ion:130 Resp: 1179
Ion Ratio Lower Upper
130 100
95 99.1 0.0 204.4





#45

1,2-Dichloropropane

Concen: 0.487 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX036628.D

Acq: 24 Jul 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion: 63 Resp: 1189

Ion Ratio Lower Upper

63 100

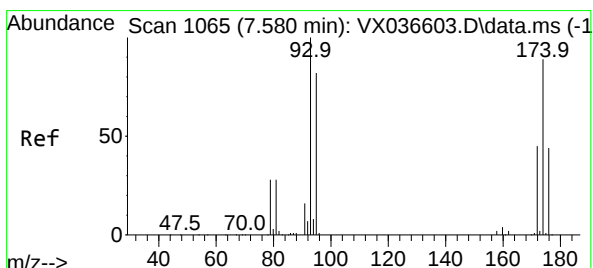
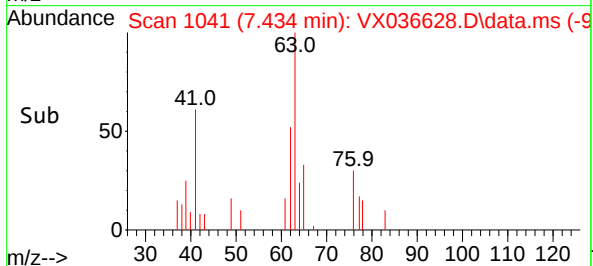
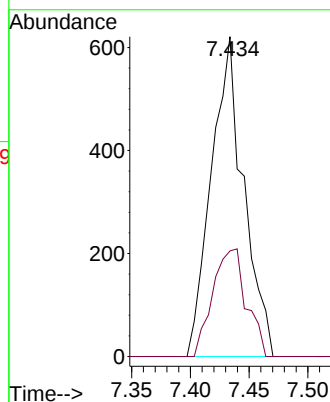
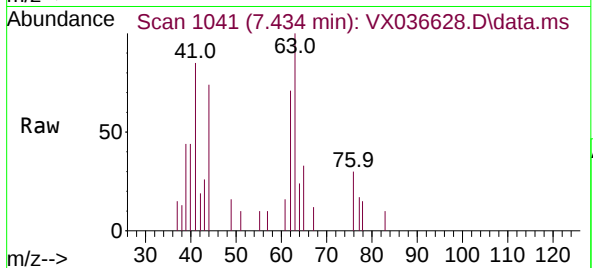
65 33.0 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#46

Dibromomethane

Concen: 0.503 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX036628.D

Acq: 24 Jul 2023 13:47

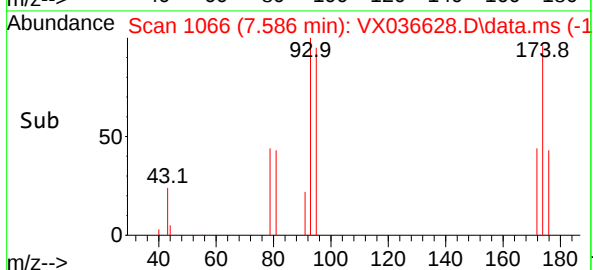
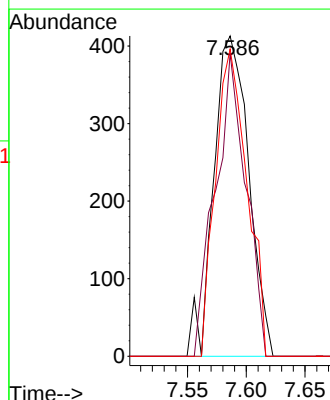
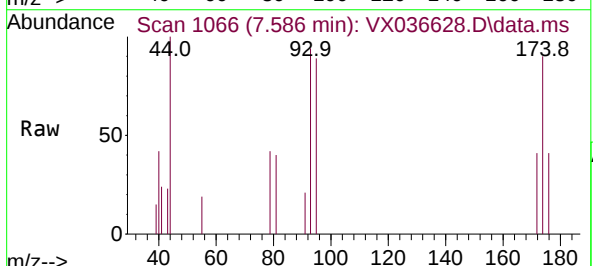
Tgt Ion: 93 Resp: 858

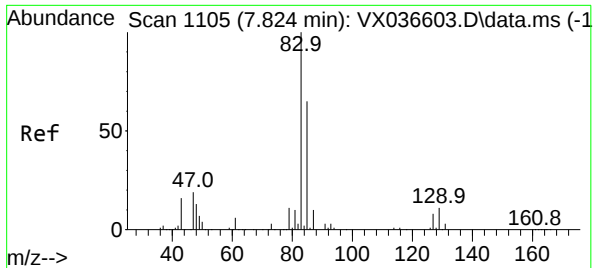
Ion Ratio Lower Upper

93 100

95 83.1 66.6 100.0

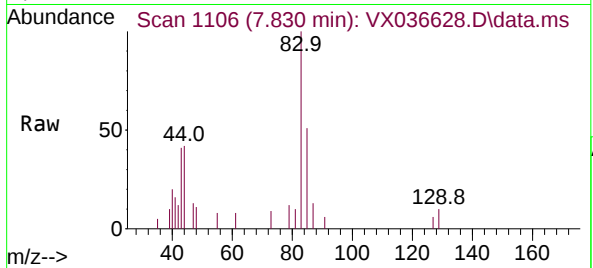
174 86.0 69.4 104.0





#47
Bromodichloromethane
Concen: 0.544 ug/l
RT: 7.830 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

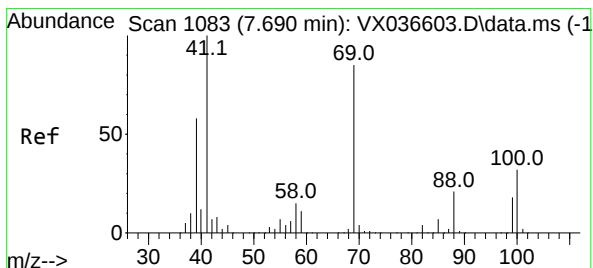
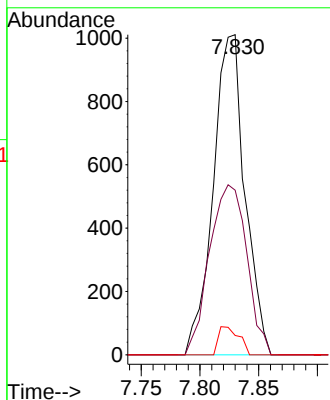
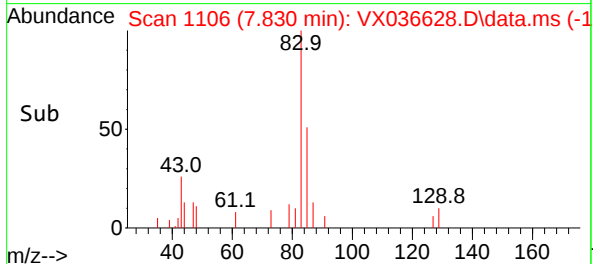
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion: 83 Resp: 1908
Ion Ratio Lower Upper
83 100
85 51.4 49.8 74.6
127 6.0 7.1 10.7

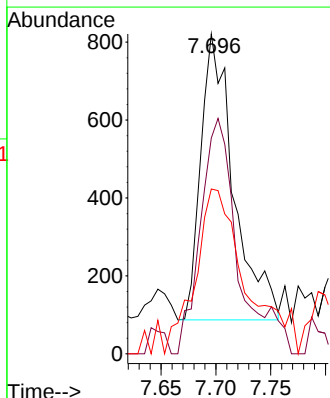
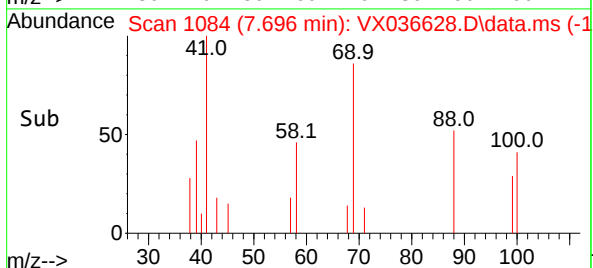
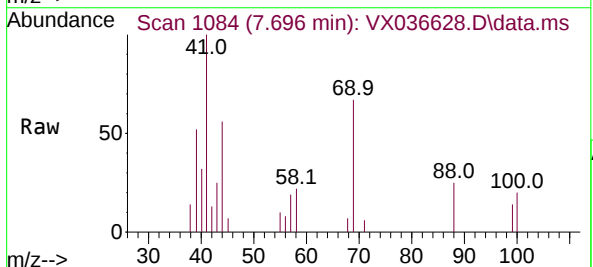
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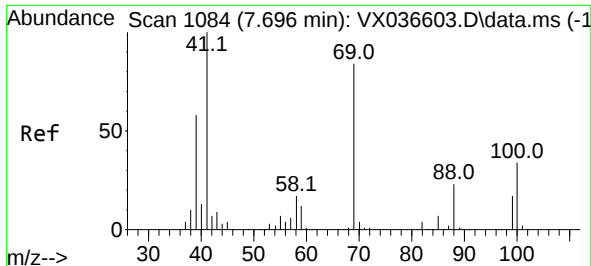
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#48
Methyl methacrylate
Concen: 0.537 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

Tgt Ion: 41 Resp: 1528
Ion Ratio Lower Upper
41 100
69 94.3 59.2 88.8#
39 88.6 47.7 71.5#





#49

1,4-Dioxane

Concen: 10.578 ug/l

RT: 7.702 min Scan# 1084

Delta R.T. 0.006 min

Lab File: VX036628.D

Acq: 24 Jul 2023 13:47

Instrument :

MSVOA_X

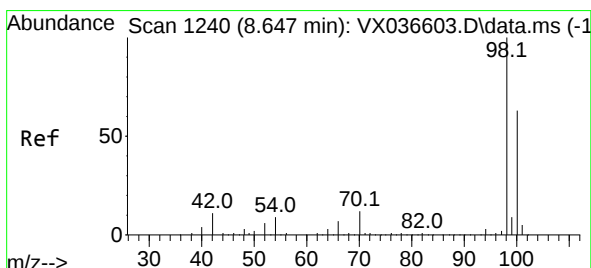
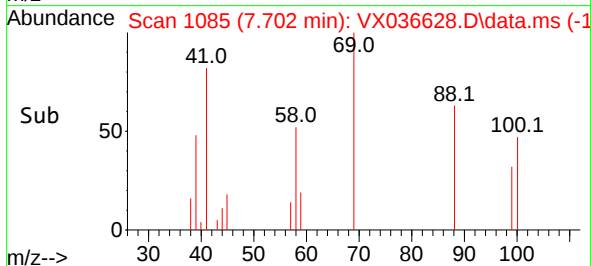
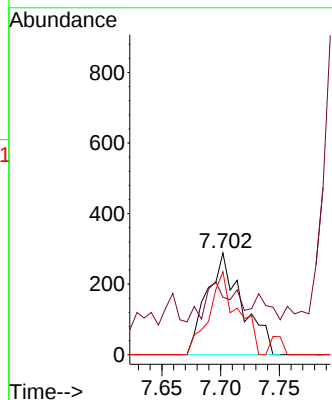
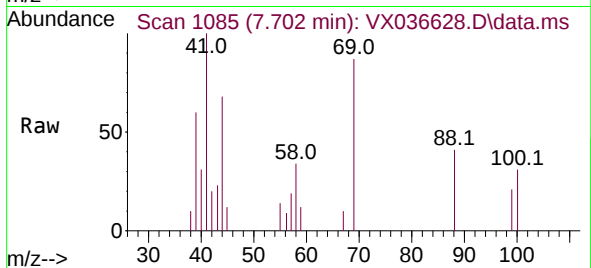
ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion: 88 Resp: 608
 Ion Ratio Lower Upper
 88 100
 43 33.4 0.0 0.0
 58 66.4 60.1 90.1

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



#50

Toluene-d8

Concen: 48.830 ug/l

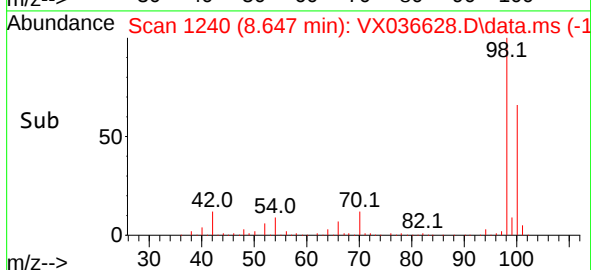
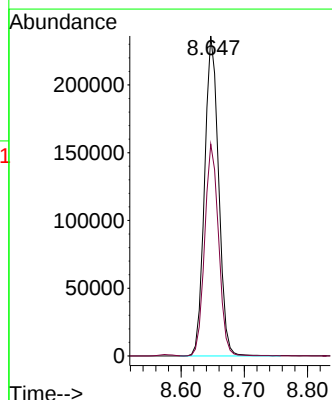
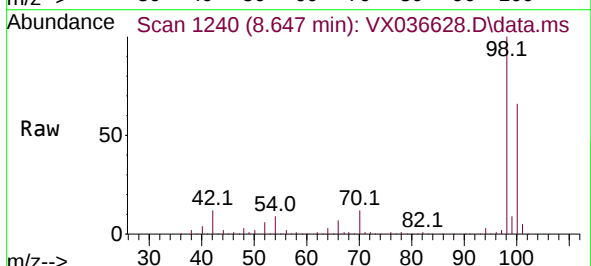
RT: 8.647 min Scan# 1240

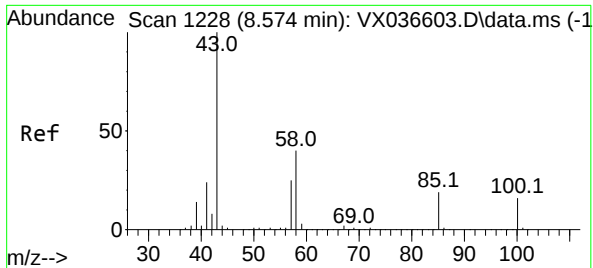
Delta R.T. 0.000 min

Lab File: VX036628.D

Acq: 24 Jul 2023 13:47

Tgt Ion: 98 Resp: 364814
 Ion Ratio Lower Upper
 98 100
 100 65.8 53.1 79.7





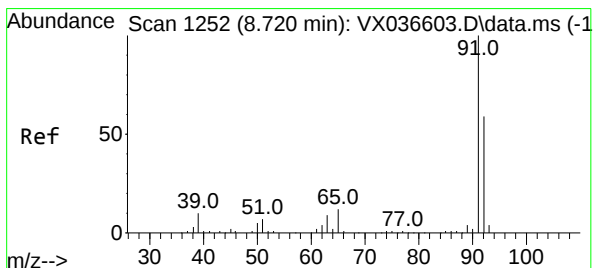
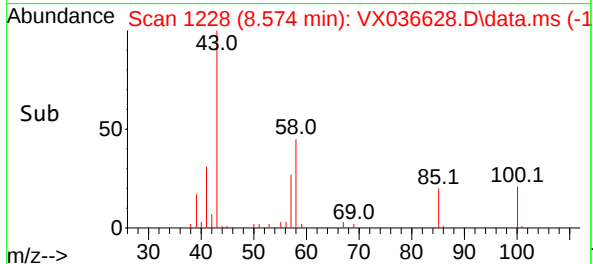
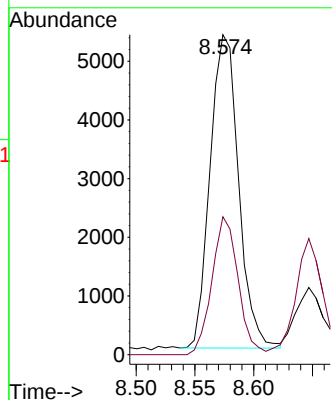
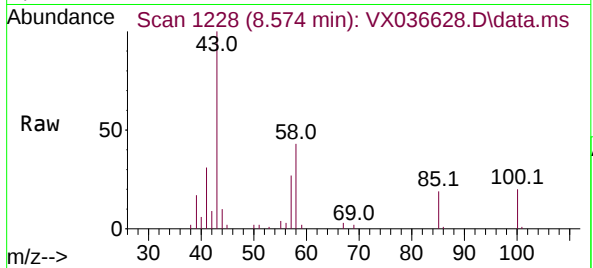
#51
4-Methyl-2-Pentanone
Concen: 2.661 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

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

Tgt Ion: 43 Resp: 9010
Ion Ratio Lower Upper
43 100
58 40.3 30.4 45.6

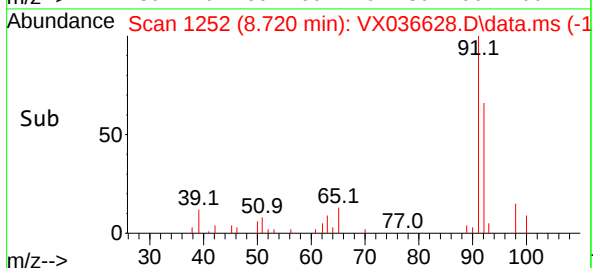
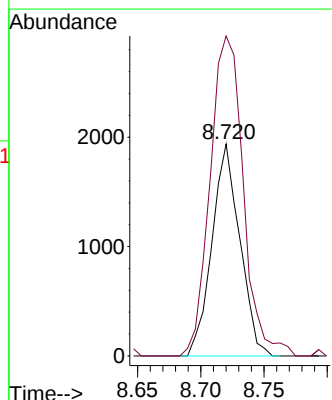
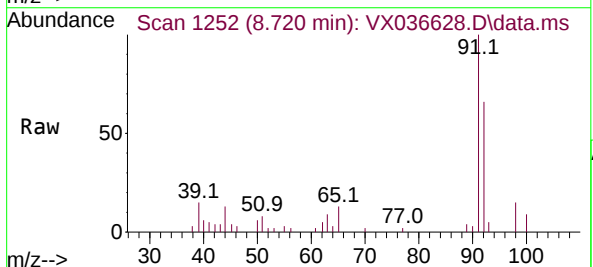
Manual Integrations
APPROVED

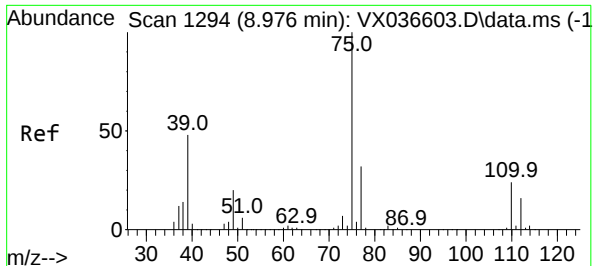
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#52
Toluene
Concen: 0.518 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

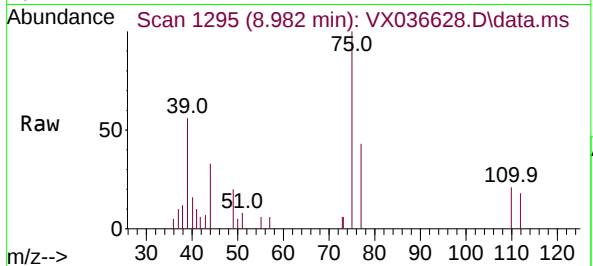
Tgt Ion: 92 Resp: 2967
Ion Ratio Lower Upper
92 100
91 180.2 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 0.504 ug/l
RT: 8.982 min Scan# 1190
Delta R.T. 0.006 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

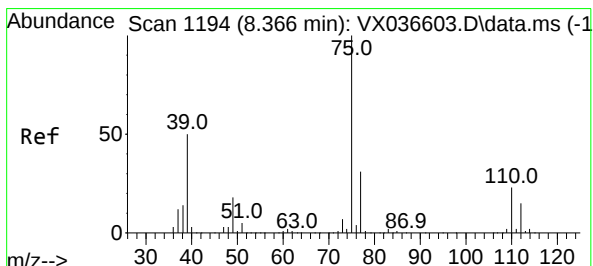
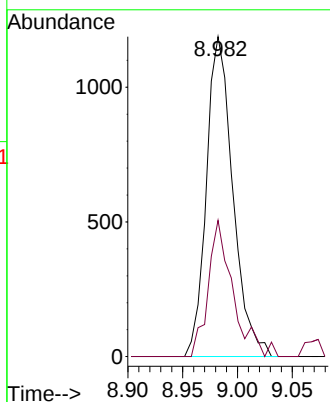
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023



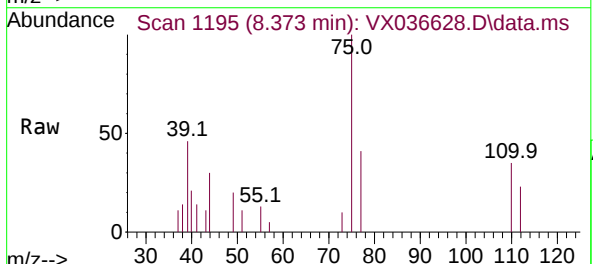
Tgt Ion: 75 Resp: 1990
Ion Ratio Lower Upper
75 100
77 42.6 25.7 38.5

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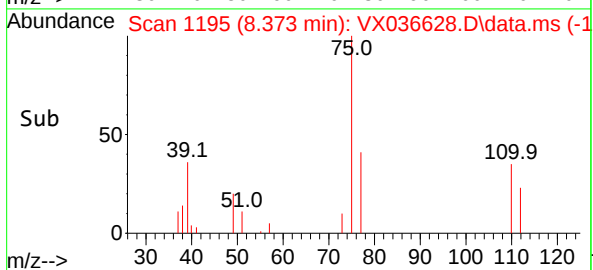
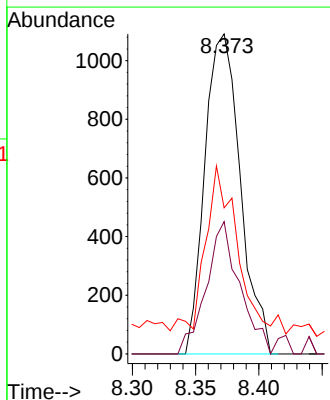
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

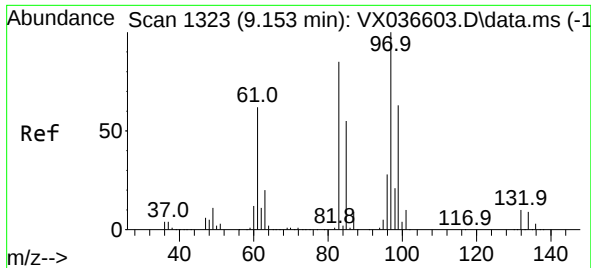


#54
cis-1,3-Dichloropropene
Concen: 0.510 ug/l
RT: 8.373 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47



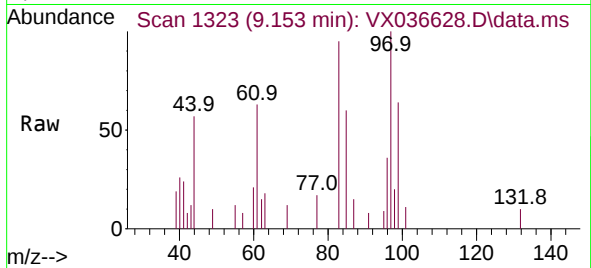
Tgt Ion: 75 Resp: 2130
Ion Ratio Lower Upper
75 100
77 41.3 25.3 37.9#
39 34.6 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 0.512 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

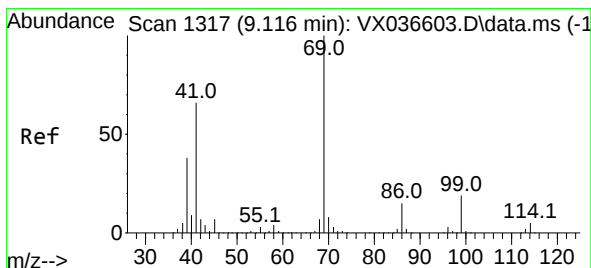
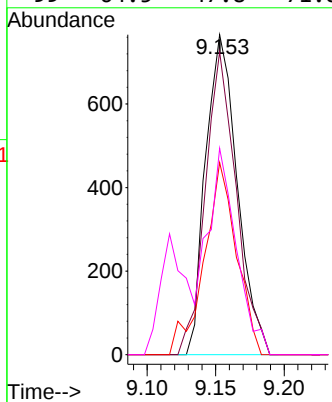
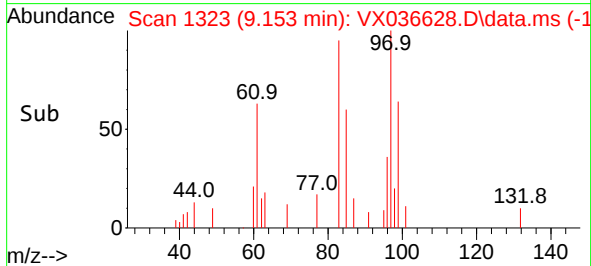
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2023



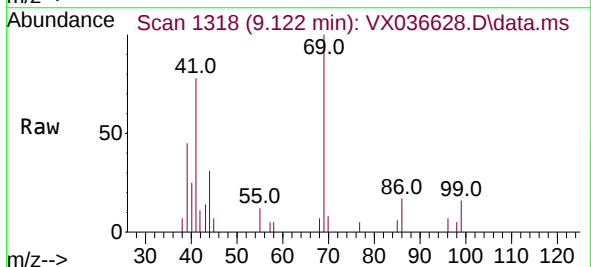
Tgt Ion	Ratio	Lower	Upper
97	100		
83	94.6	65.8	98.8
85	60.1	41.6	62.4
99	64.5	47.8	71.8

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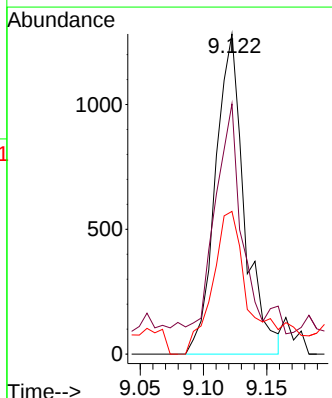
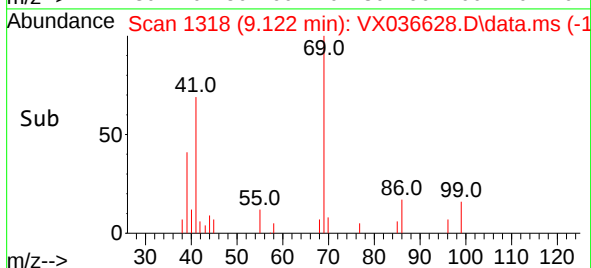
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

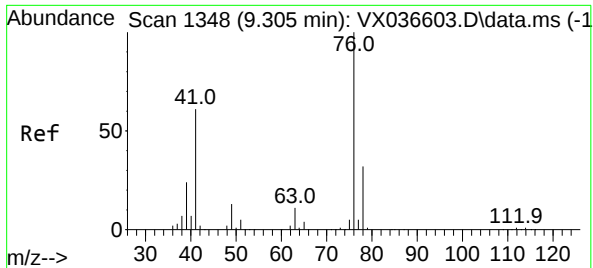


#56
Ethyl methacrylate
Concen: 0.521 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47



Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.4	56.8	85.2
39	60.9	32.0	48.0





#57

1,3-Dichloropropane

Concen: 0.494 ug/l

RT: 9.305 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX036628.D

Acq: 24 Jul 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

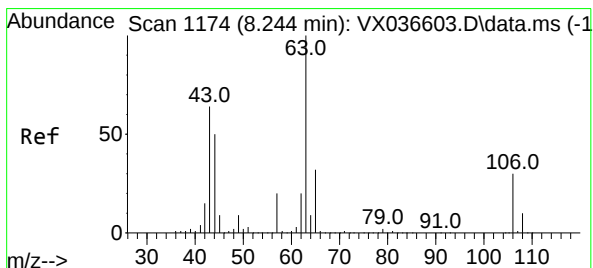
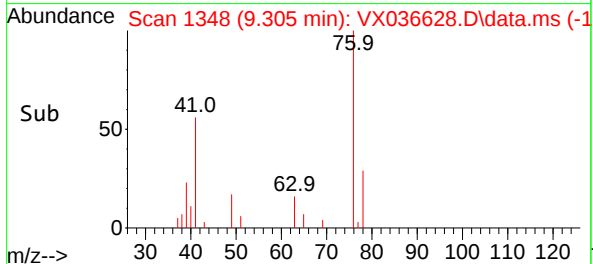
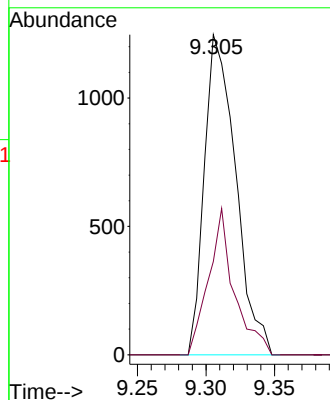
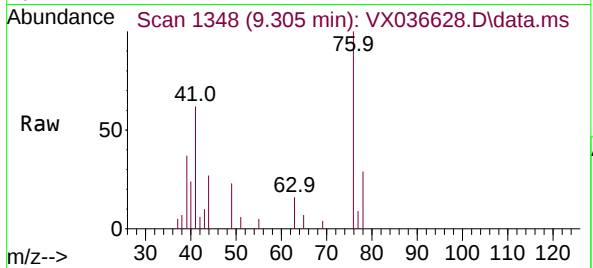
Tgt Ion: 76 Resp: 1978
 Ion Ratio Lower Upper
 76 100
 78 37.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#58

2-Chloroethyl Vinyl ether

Concen: 2.158 ug/l

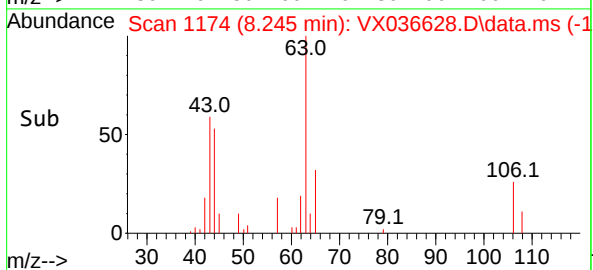
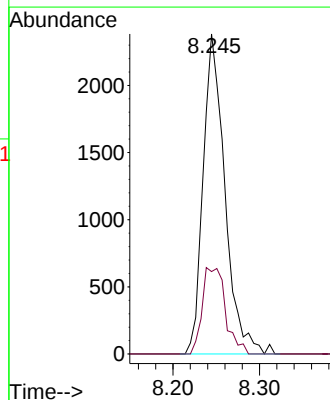
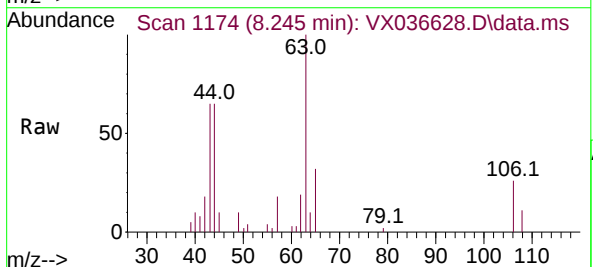
RT: 8.245 min Scan# 1174

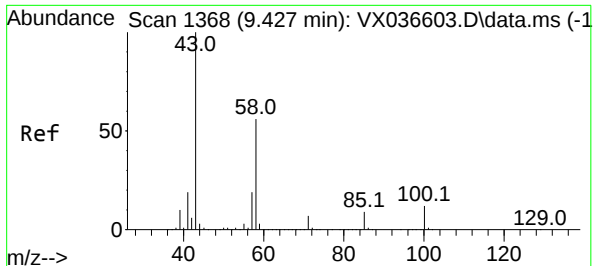
Delta R.T. 0.000 min

Lab File: VX036628.D

Acq: 24 Jul 2023 13:47

Tgt Ion: 63 Resp: 4166
 Ion Ratio Lower Upper
 63 100
 106 28.8 22.5 33.7





#59

2-Hexanone

Concen: 2.690 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX036628.D

Acq: 24 Jul 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion: 43 Resp: 675

Ion Ratio Lower Upper

43 100

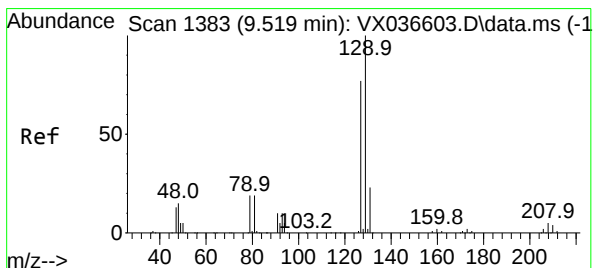
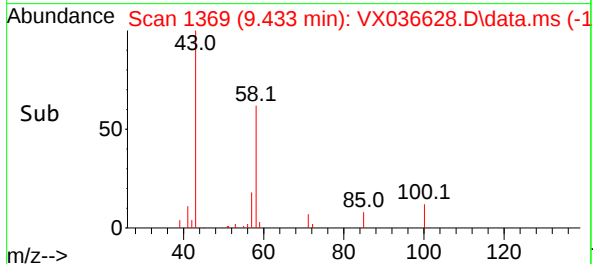
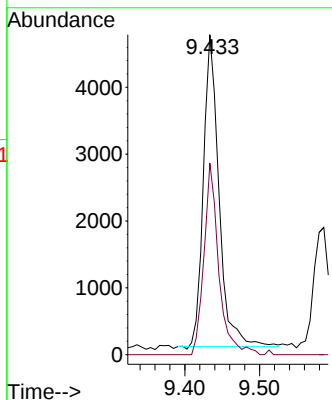
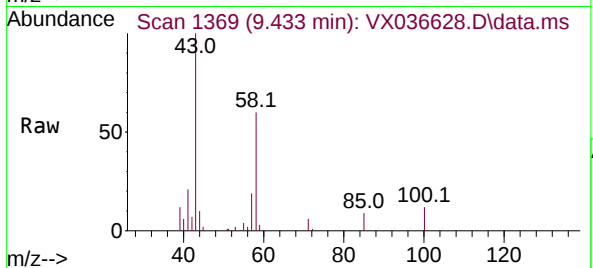
58 58.4 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#60

Dibromochloromethane

Concen: 0.471 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX036628.D

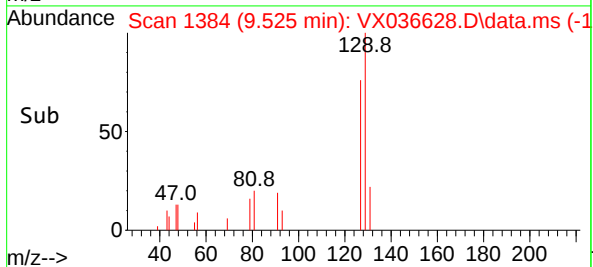
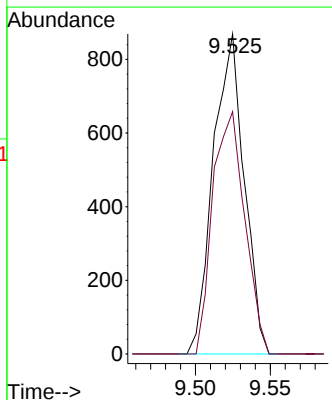
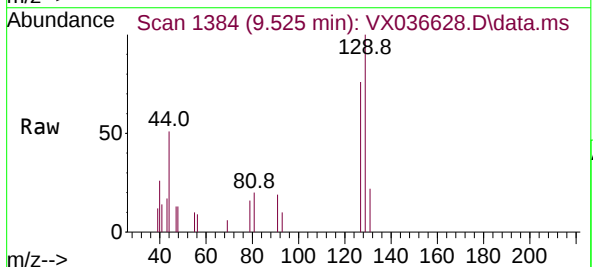
Acq: 24 Jul 2023 13:47

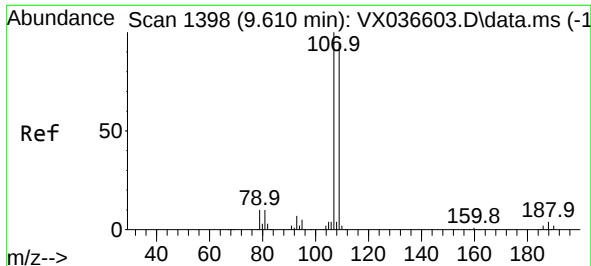
Tgt Ion:129 Resp: 1247

Ion Ratio Lower Upper

129 100

127 78.5 38.8 116.4





#61

1,2-Dibromoethane

Concen: 0.516 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX036628.D

Acq: 24 Jul 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

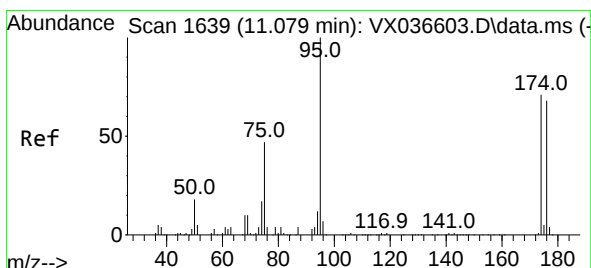
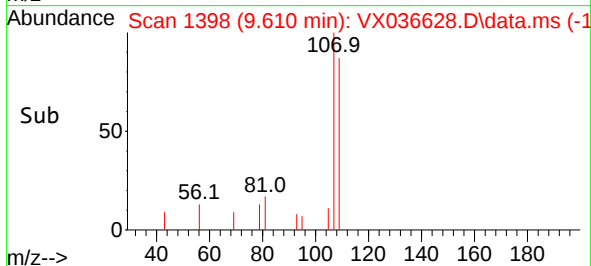
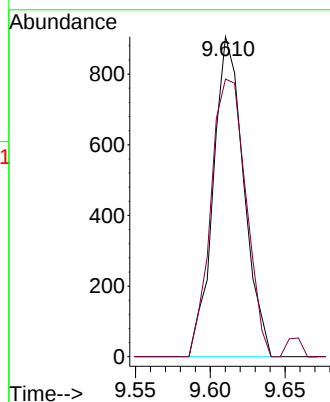
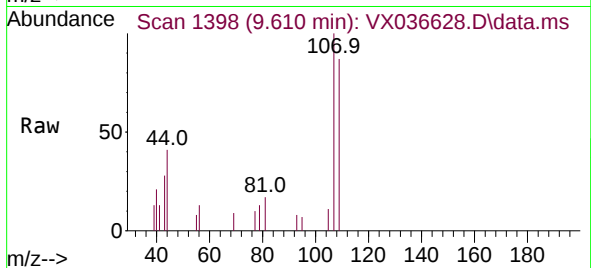
Tgt Ion:107 Resp: 1280
 Ion Ratio Lower Upper
 107 100
 109 99.5 75.2 112.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#62

4-Bromofluorobenzene

Concen: 50.254 ug/l

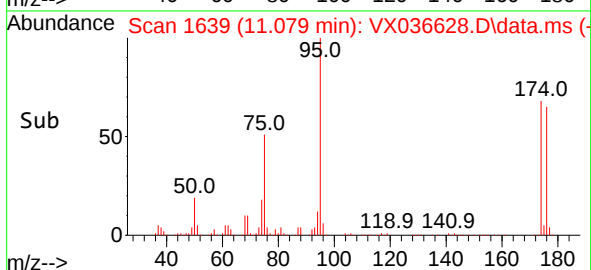
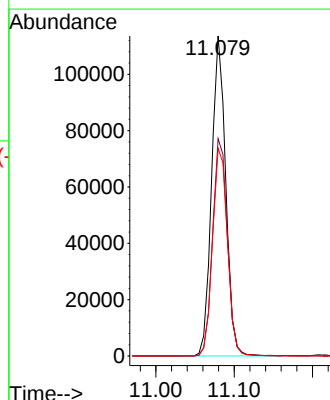
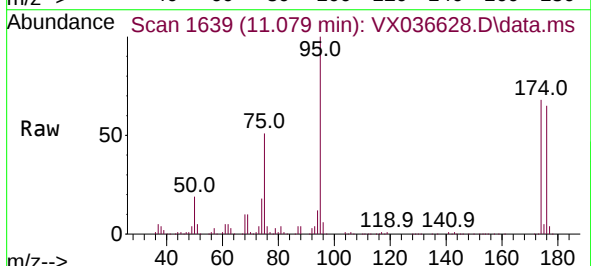
RT: 11.079 min Scan# 1639

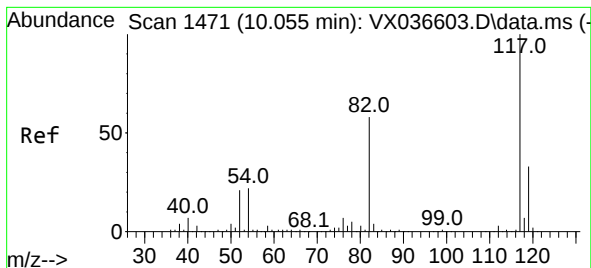
Delta R.T. 0.000 min

Lab File: VX036628.D

Acq: 24 Jul 2023 13:47

Tgt Ion: 95 Resp: 141653
 Ion Ratio Lower Upper
 95 100
 174 71.0 0.0 135.6
 176 68.6 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: VX036628.D

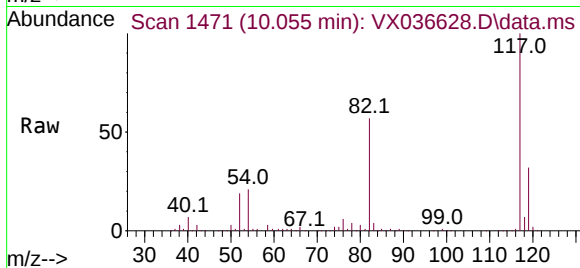
Acq: 24 Jul 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023



Tgt Ion:117 Resp: 27754

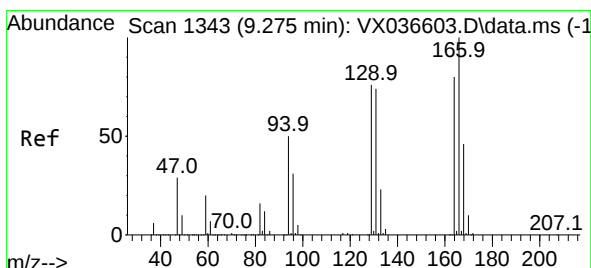
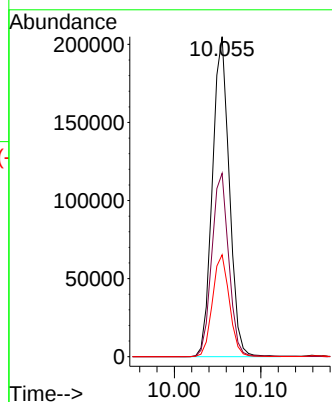
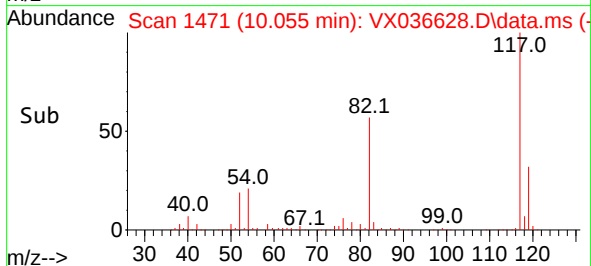
Ion	Ratio	Lower	Upper
117	100		
82	57.3	46.2	69.4
119	31.9	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#64

Tetrachloroethene

Concen: 0.502 ug/l

RT: 9.275 min Scan# 1343

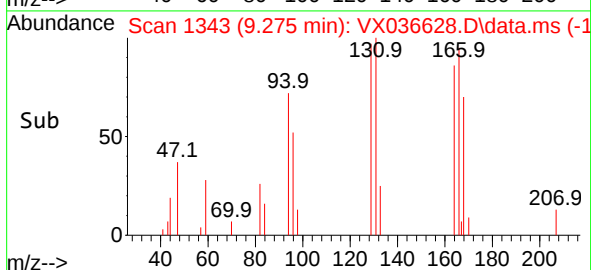
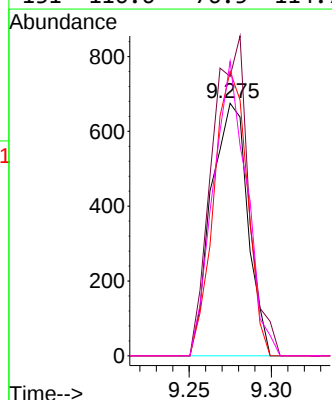
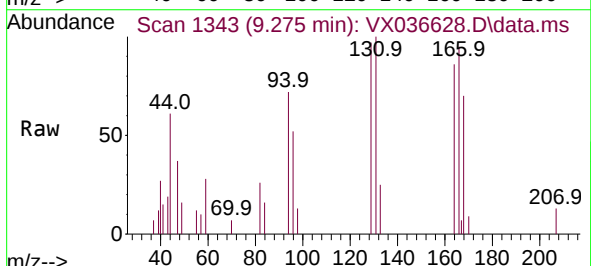
Delta R.T. 0.000 min

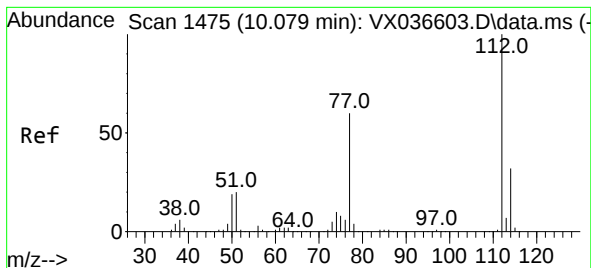
Lab File: VX036628.D

Acq: 24 Jul 2023 13:47

Tgt Ion:164 Resp: 1039

Ion	Ratio	Lower	Upper
164	100		
166	110.7	102.7	154.1
129	112.6	80.4	120.6
131	116.6	76.5	114.7





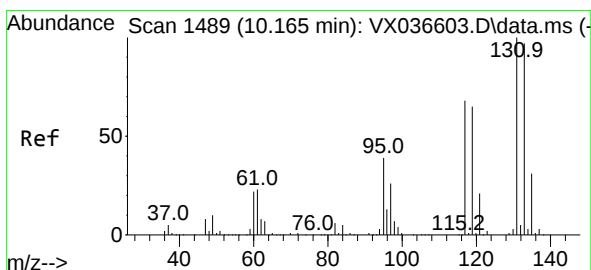
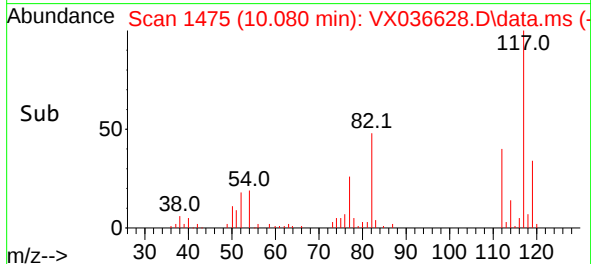
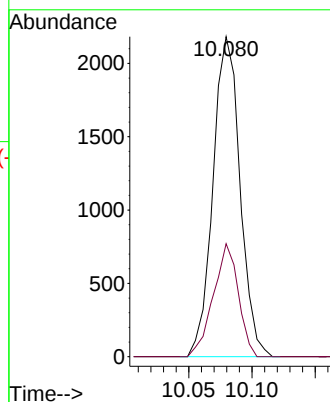
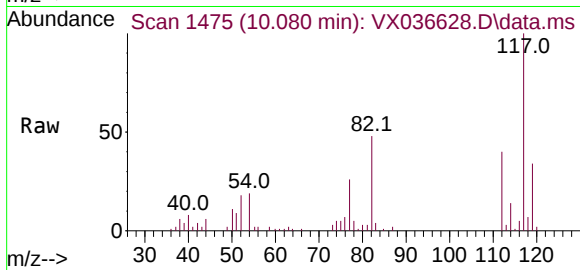
#65
Chlorobenzene
Concen: 0.530 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

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

Tgt Ion:112 Resp: 324
Ion Ratio Lower Upper
112 100
114 35.3 25.7 38.5

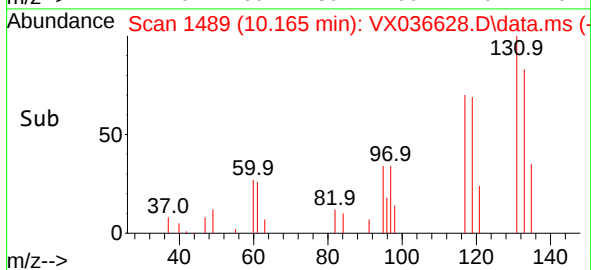
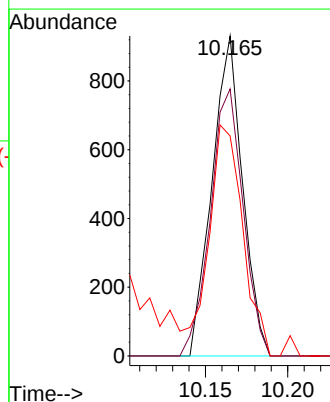
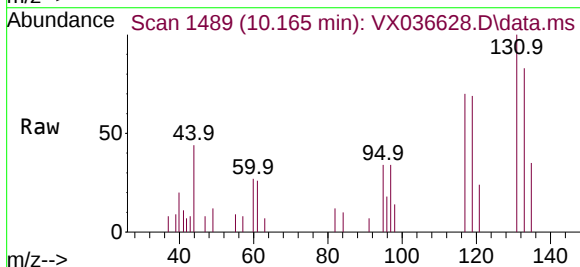
Manual Integrations
APPROVED

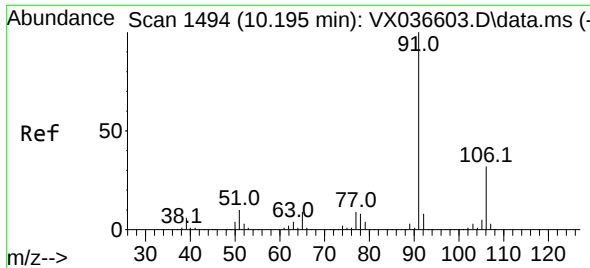
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 0.508 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

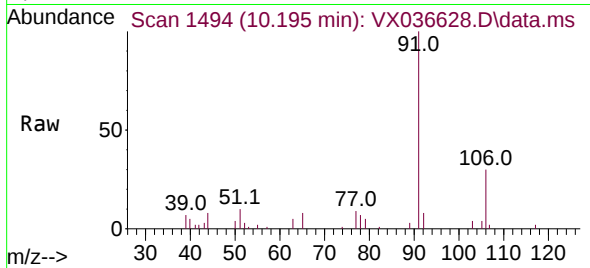
Tgt Ion:131 Resp: 1201
Ion Ratio Lower Upper
131 100
133 89.7 47.1 141.4
119 0.0 32.2 96.6#





#67
Ethyl Benzene
Concen: 0.516 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

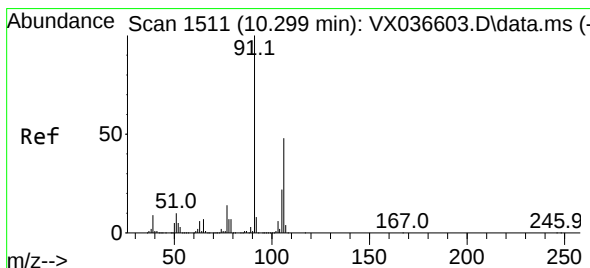
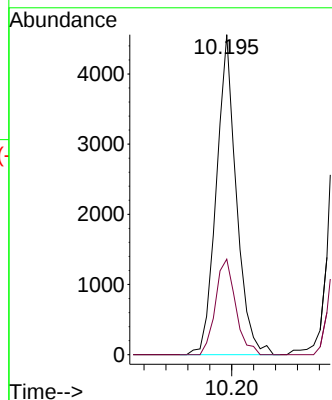
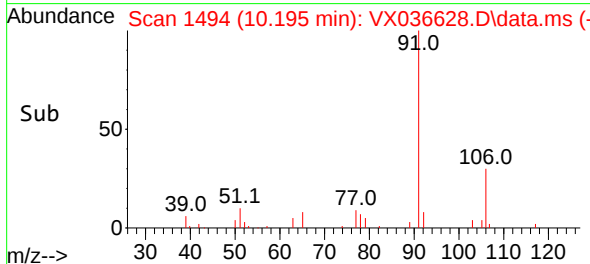
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023



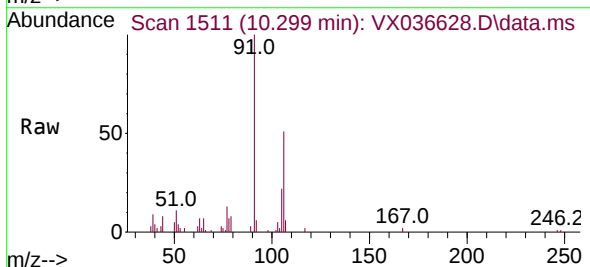
Tgt Ion: 91 Resp: 576
Ion Ratio Lower Upper
91 100
106 29.8 24.9 37.3

Manual Integrations
APPROVED

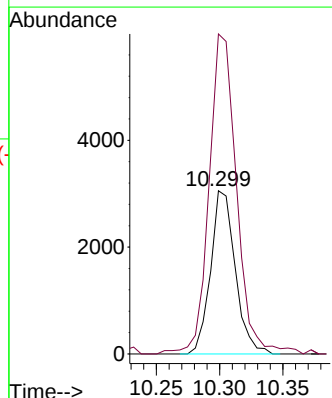
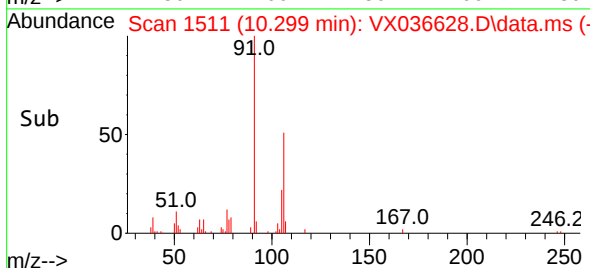
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

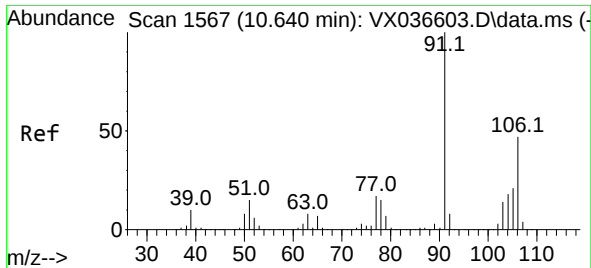


#68
m/p-Xylenes
Concen: 0.992 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47



Tgt Ion:106 Resp: 4135
Ion Ratio Lower Upper
106 100
91 219.7 165.5 248.3





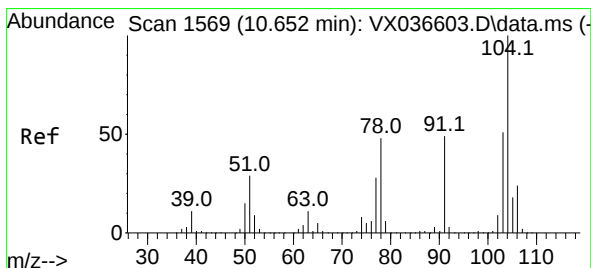
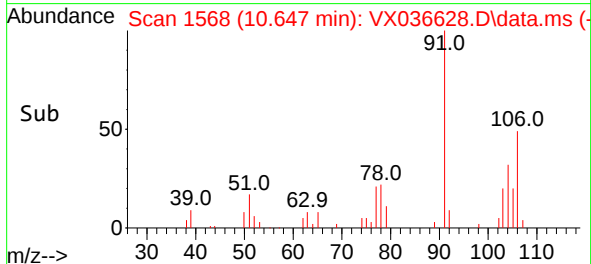
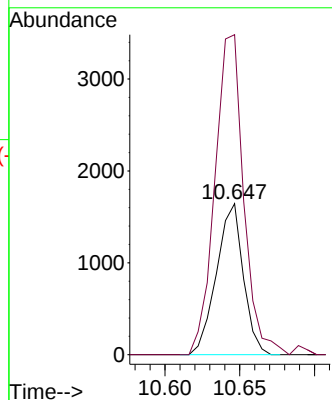
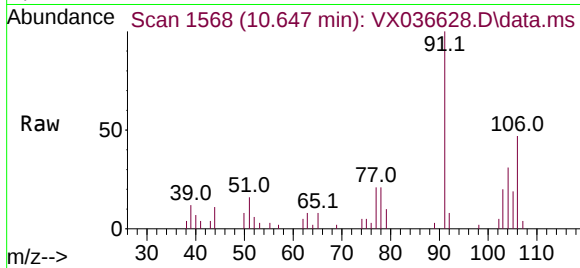
#69
o-Xylene
Concen: 0.493 ug/l
RT: 10.647 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

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

Tgt Ion:106 Resp: 205
Ion Ratio Lower Upper
106 100
91 227.4 108.9 326.8

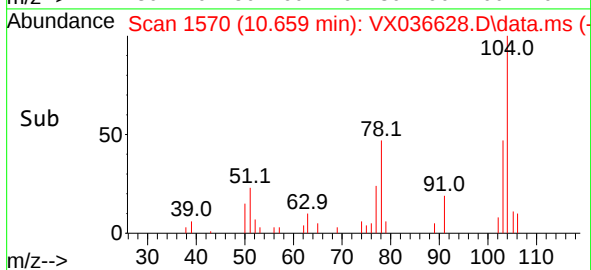
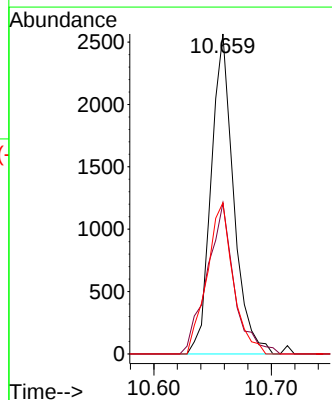
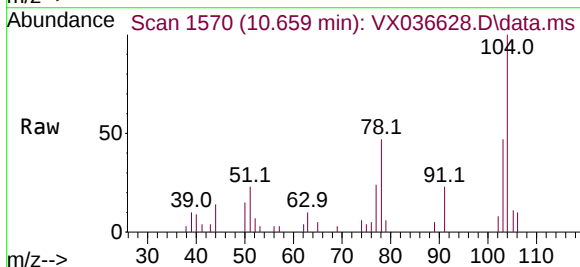
Manual Integrations
APPROVED

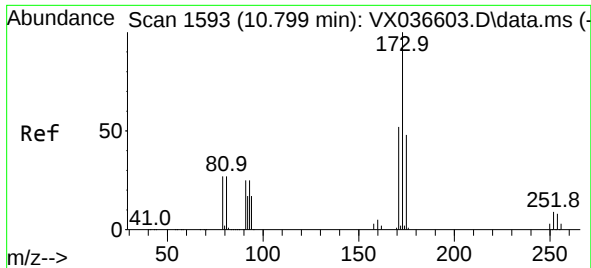
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#70
Styrene
Concen: 0.496 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

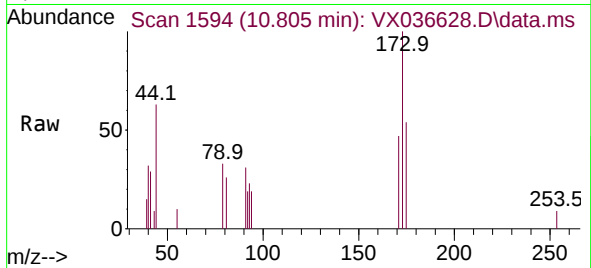
Tgt Ion:104 Resp: 3405
Ion Ratio Lower Upper
104 100
78 56.9 43.6 65.4
103 55.2 43.6 65.4





#71
Bromoform
Concen: 0.471 ug/l
RT: 10.805 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

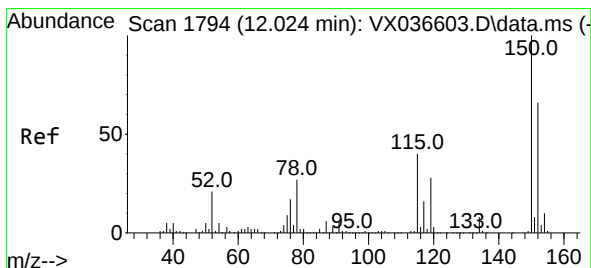
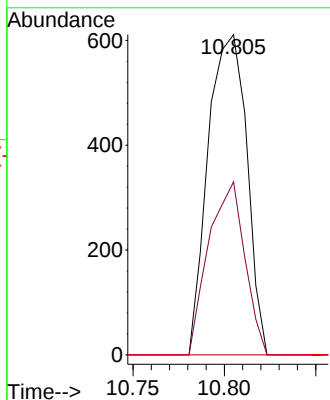
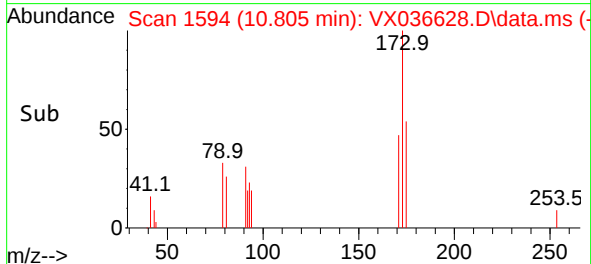
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023



Tgt Ion:173 Resp: 902
Ion Ratio Lower Upper
173 100
175 50.4 24.1 72.4
254 0.0 0.0 0.0

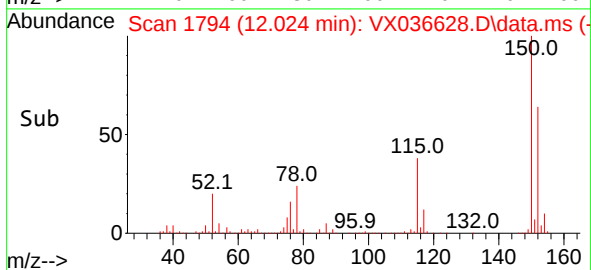
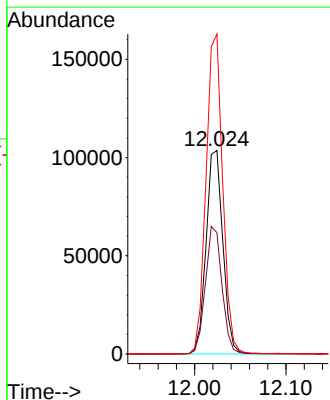
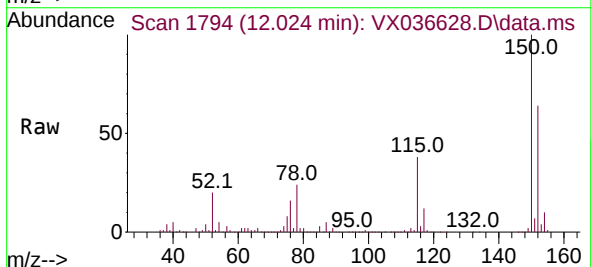
Manual Integrations
APPROVED

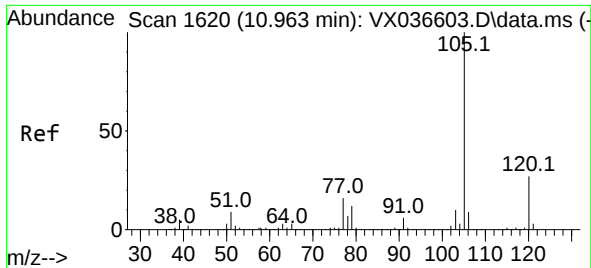
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

Tgt Ion:152 Resp: 131897
Ion Ratio Lower Upper
152 100
115 62.2 43.3 129.9
150 155.5 0.0 345.0





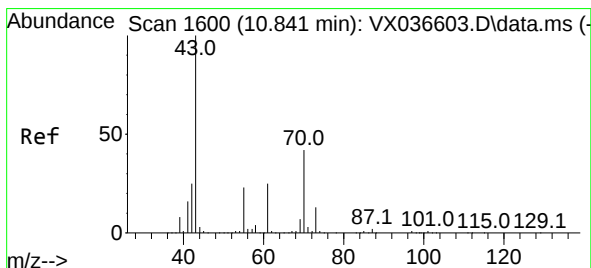
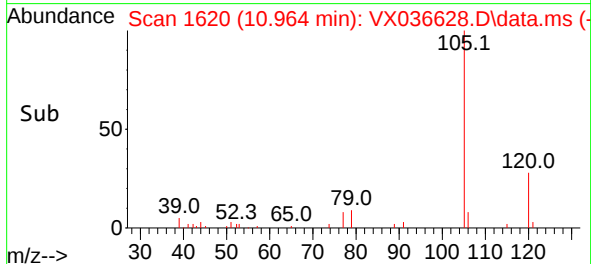
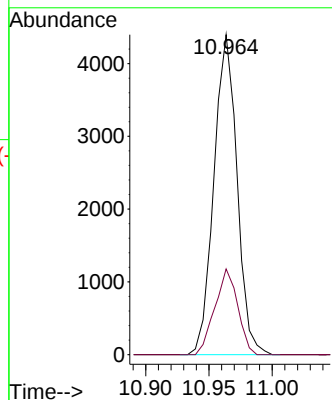
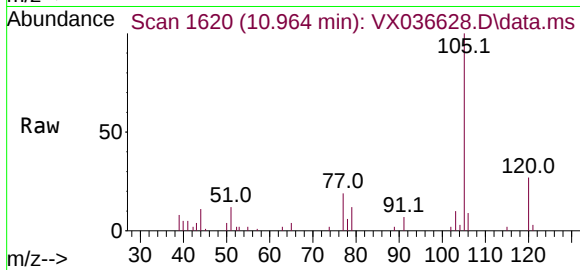
#73
Isopropylbenzene
Concen: 0.511 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

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

Tgt Ion: 105 Resp: 5579
Ion Ratio Lower Upper
105 100
120 26.4 12.9 38.6

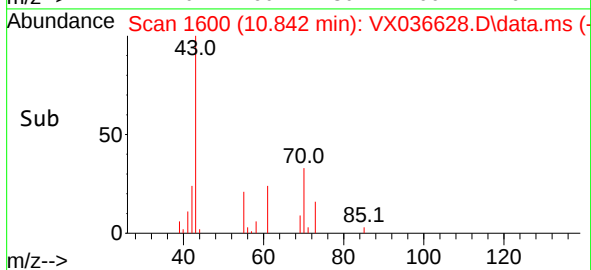
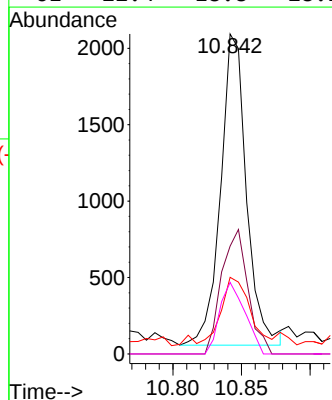
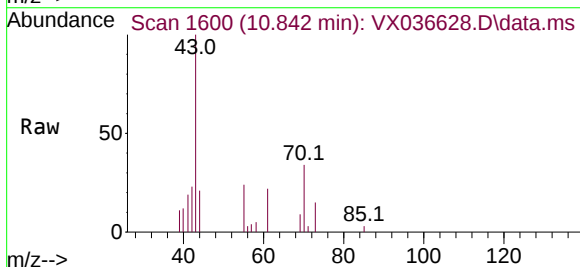
Manual Integrations
APPROVED

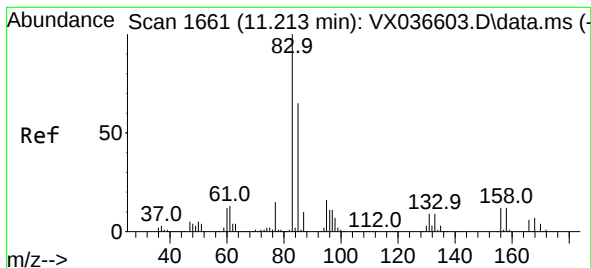
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#74
N-ethyl acetate
Concen: 0.527 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

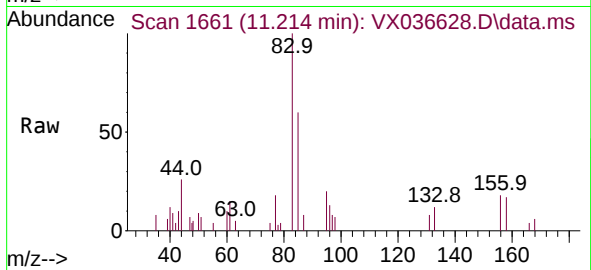
Tgt Ion: 43 Resp: 2681
Ion Ratio Lower Upper
43 100
70 40.8 32.9 49.3
55 22.5 19.3 28.9
61 22.4 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 0.590 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

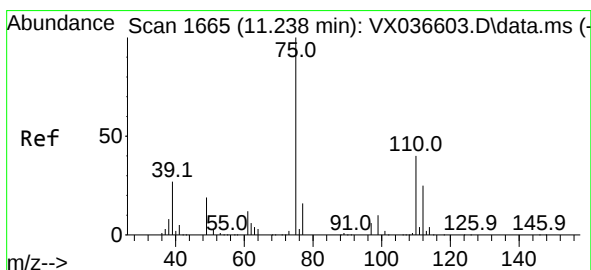
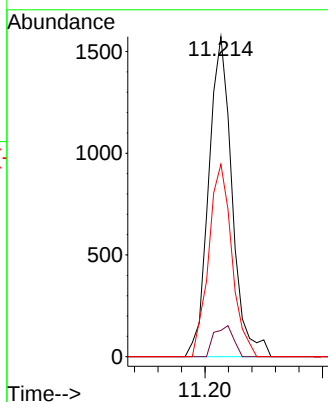
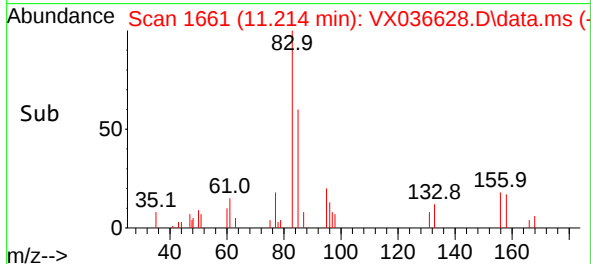
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023



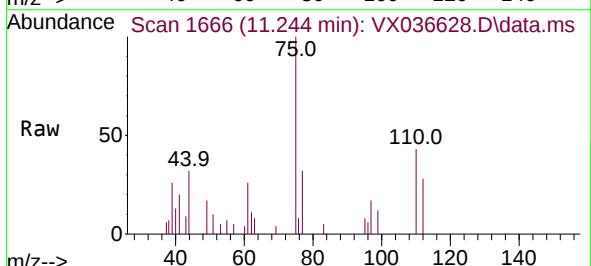
Tgt Ion: 83 Resp: 217
Ion Ratio Lower Upper
83 100
131 8.0 5.3 15.8
85 59.6 32.0 96.2

Manual Integrations
APPROVED

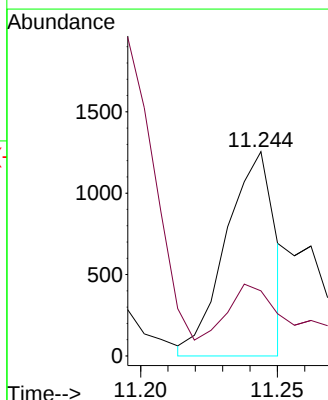
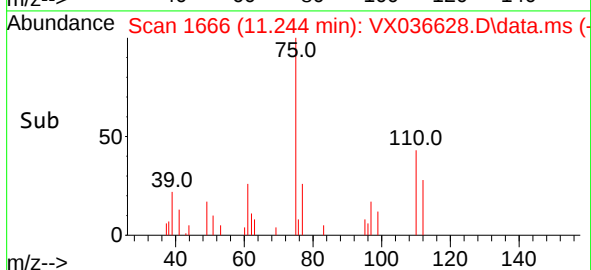
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

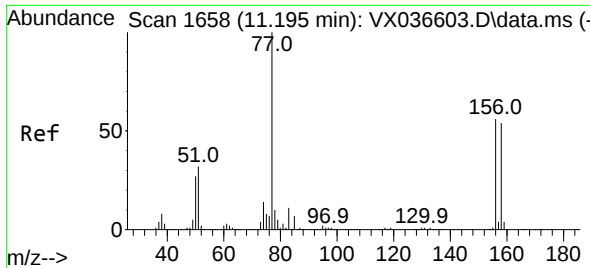


#76
1,2,3-Trichloropropane
Concen: 0.503 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47



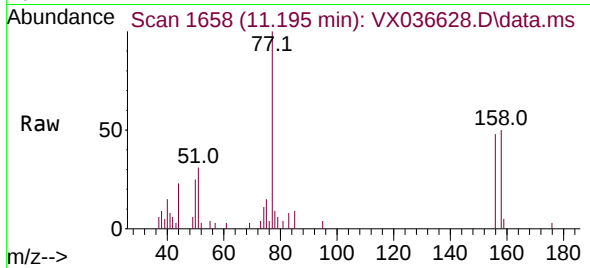
Tgt Ion: 75 Resp: 1562
Ion Ratio Lower Upper
75 100
77 55.2 19.1 57.5





#77
Bromobenzene
Concen: 0.541 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

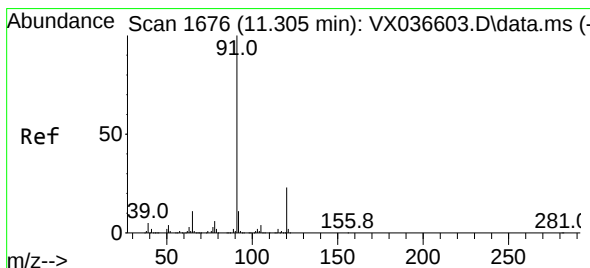
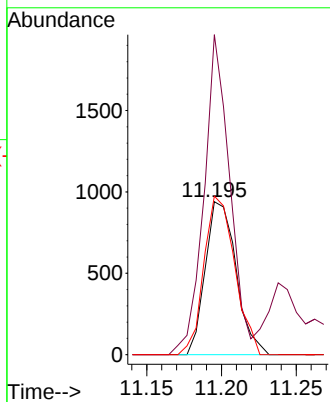
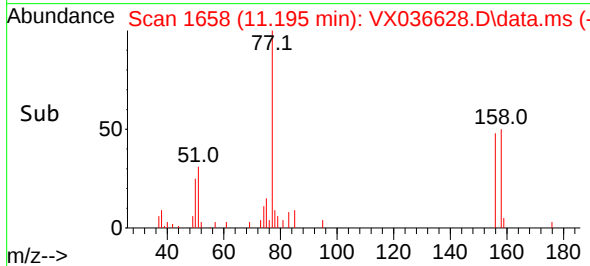
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023



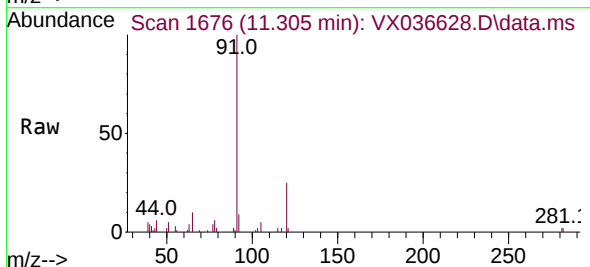
Tgt Ion:156 Resp: 1344
Ion Ratio Lower Upper
156 100
77 175.5 88.4 265.3
158 103.9 48.0 144.0

Manual Integrations
APPROVED

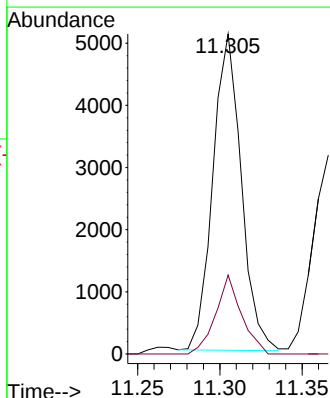
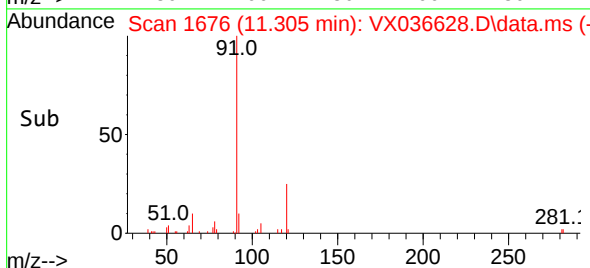
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

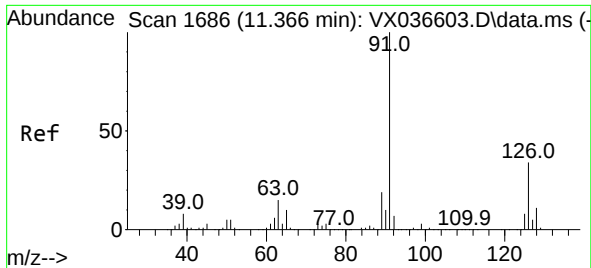


#78
n-propylbenzene
Concen: 0.483 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47



Tgt Ion: 91 Resp: 6097
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4





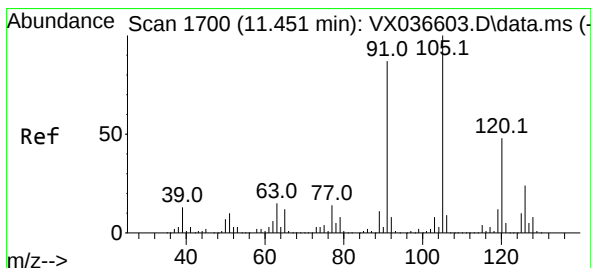
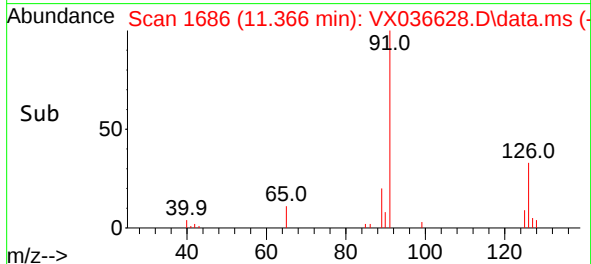
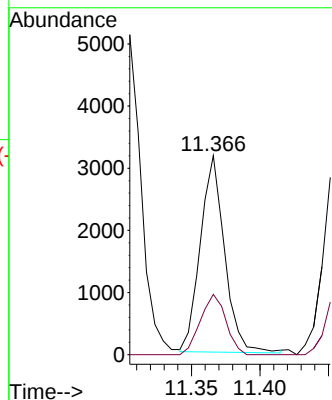
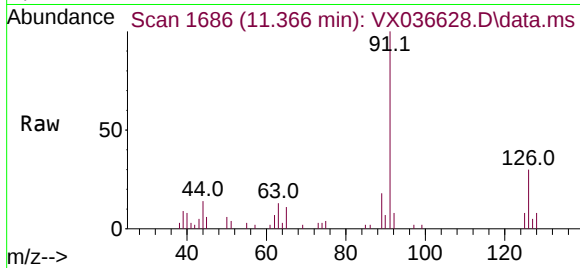
#79
2-Chlorotoluene
Concen: 0.510 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

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

Tgt Ion: 91 Resp: 3899
Ion Ratio Lower Upper
91 100
126 32.1 16.3 48.8

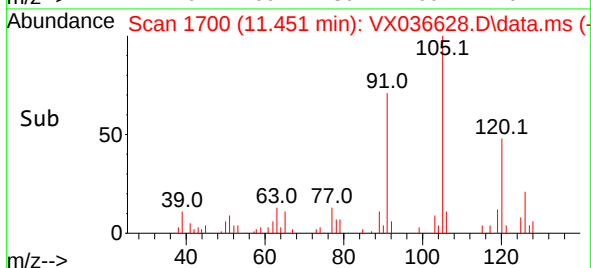
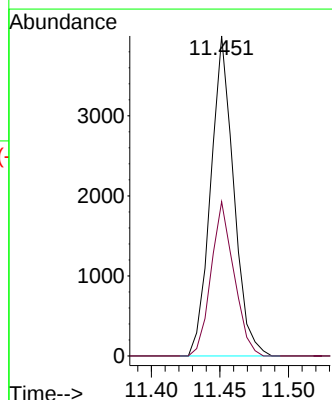
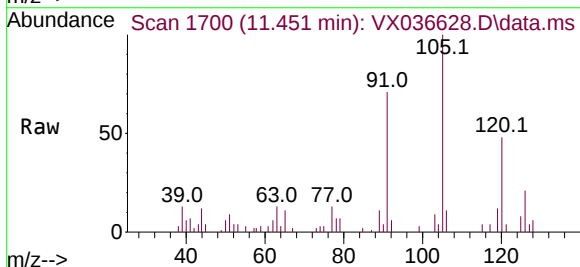
Manual Integrations
APPROVED

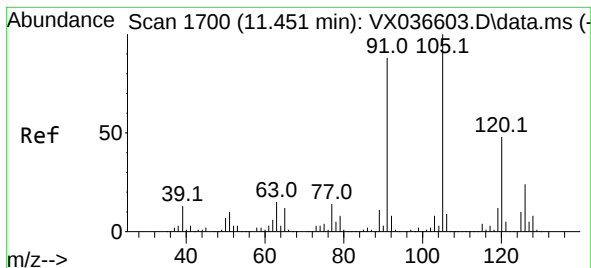
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#80
1,3,5-Trimethylbenzene
Concen: 0.511 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

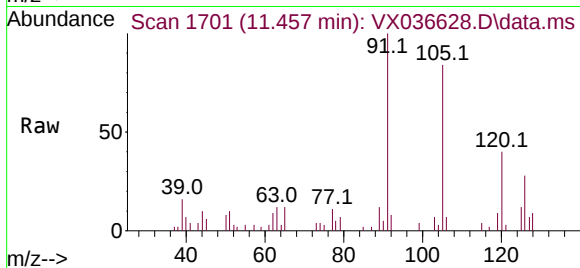
Tgt Ion:105 Resp: 4663
Ion Ratio Lower Upper
105 100
120 47.9 24.1 72.3





#82
4-Chlorotoluene
Concen: 0.525 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

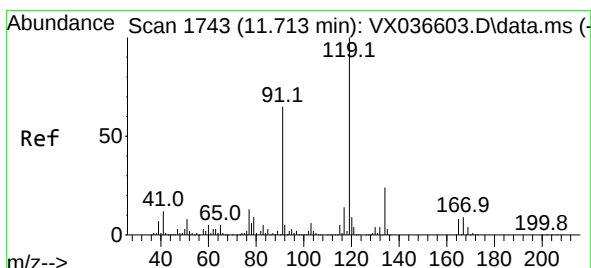
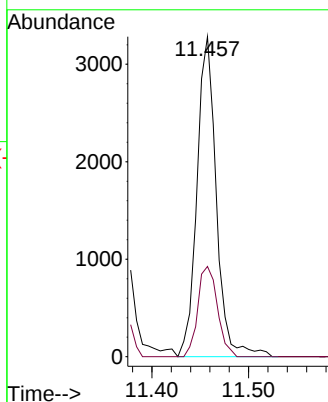
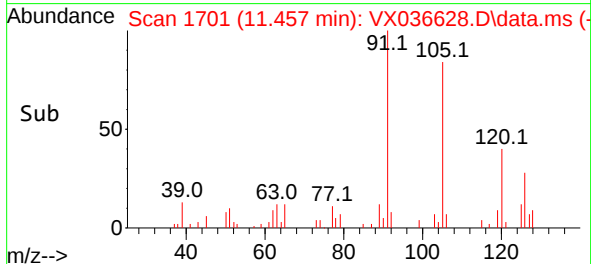
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023



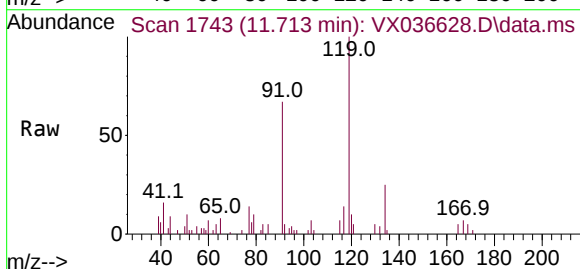
Tgt Ion: 91 Resp: 4579
Ion Ratio Lower Upper
91 100
126 28.6 14.2 42.6

Manual Integrations
APPROVED

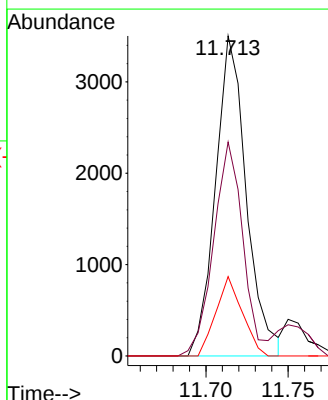
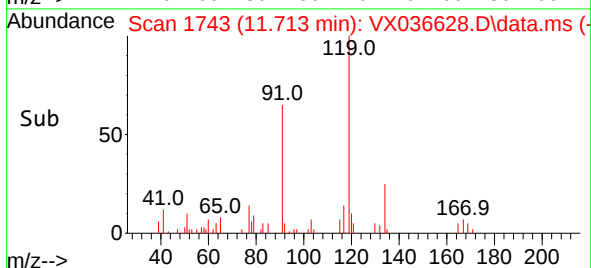
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

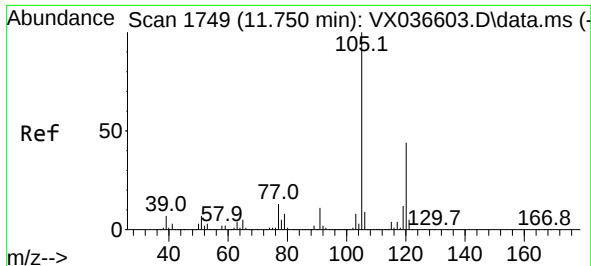


#83
tert-Butylbenzene
Concen: 0.509 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47



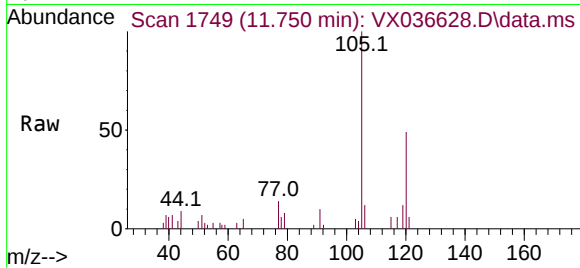
Tgt Ion:119 Resp: 4567
Ion Ratio Lower Upper
119 100
91 64.0 31.2 93.6
134 21.3 11.7 35.0





#84
1,2,4-Trimethylbenzene
Concen: 0.498 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

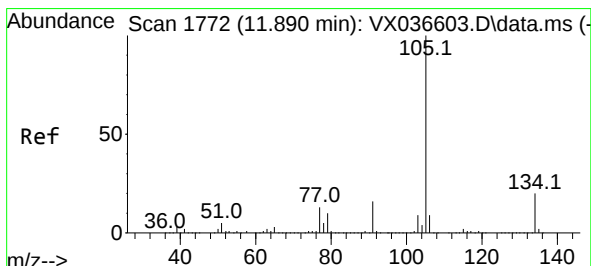
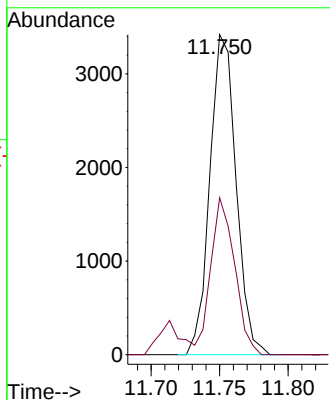
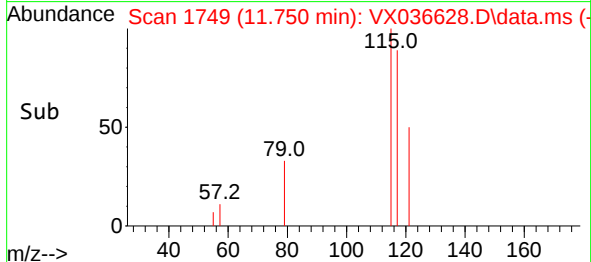
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023



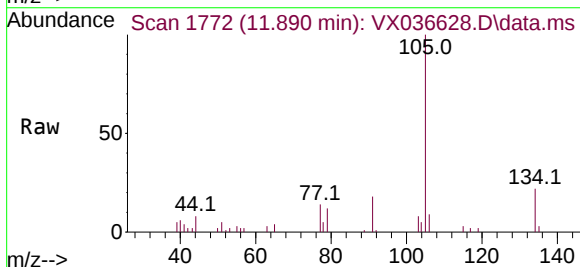
Tgt Ion:105 Resp: 4548
Ion Ratio Lower Upper
105 100
120 44.5 21.2 63.6

Manual Integrations
APPROVED

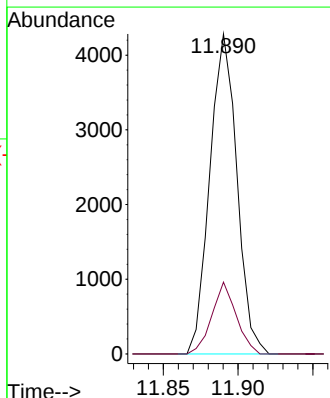
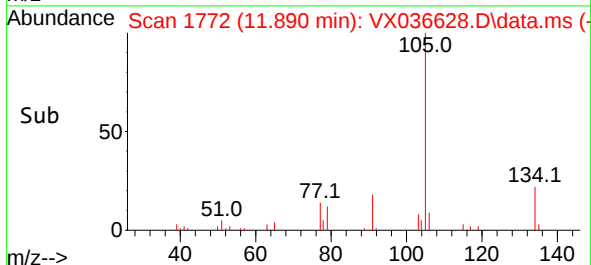
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

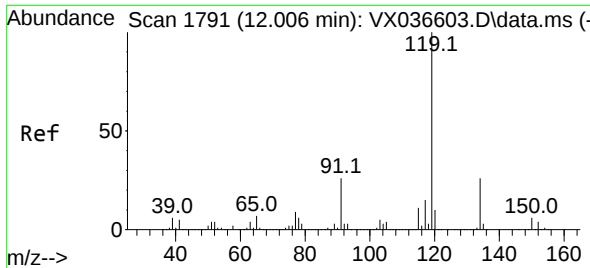


#85
sec-Butylbenzene
Concen: 0.482 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47



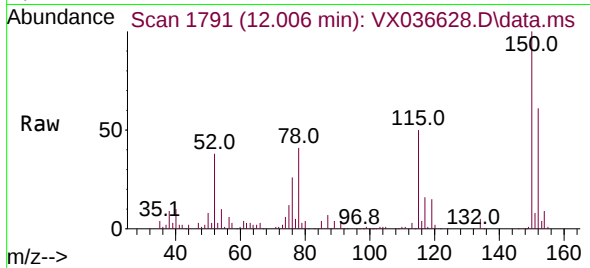
Tgt Ion:105 Resp: 5391
Ion Ratio Lower Upper
105 100
134 20.2 9.8 29.4





#86
p-Isopropyltoluene
Concen: 0.501 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

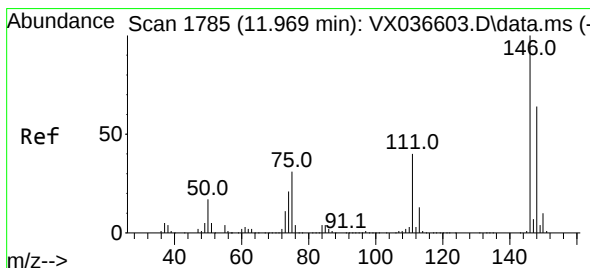
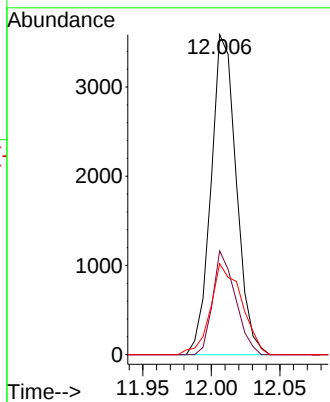
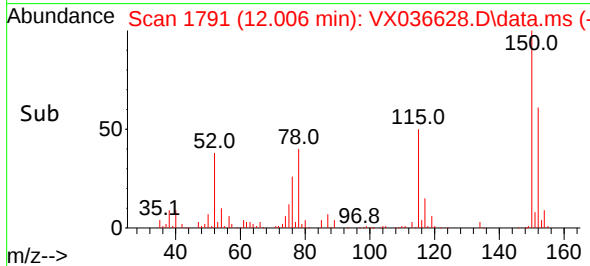
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023



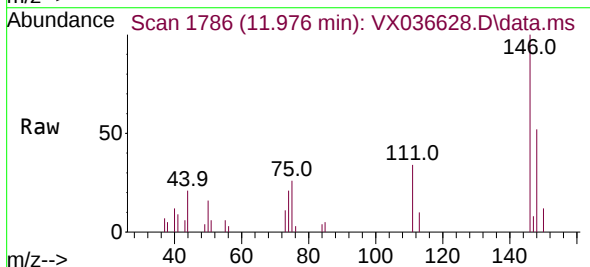
Tgt Ion:119 Resp: 4608
Ion Ratio Lower Upper
119 100
134 29.0 12.8 38.3
91 34.9 13.1 39.3

Manual Integrations
APPROVED

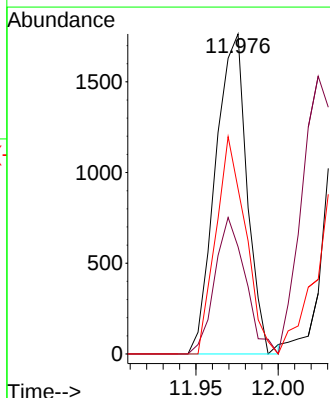
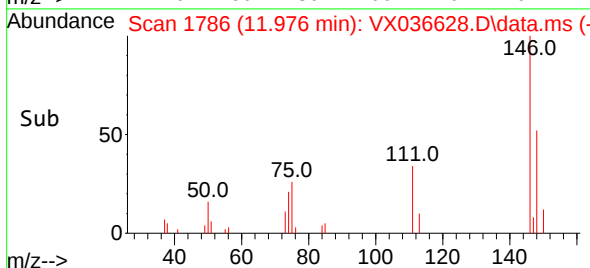
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

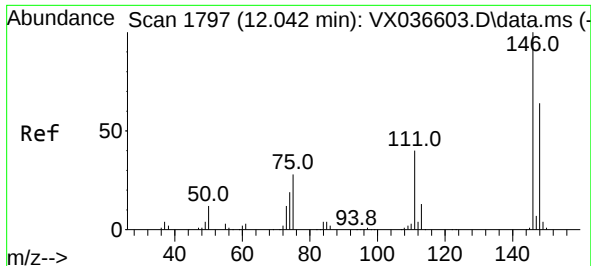


#87
1,3-Dichlorobenzene
Concen: 0.513 ug/l
RT: 11.976 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47



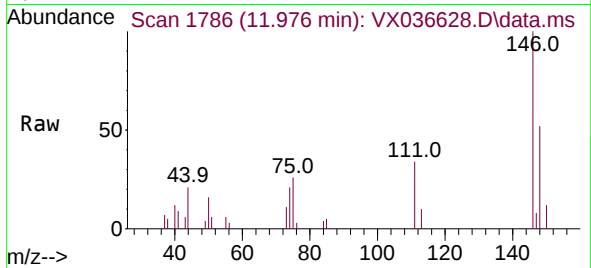
Tgt Ion:146 Resp: 2363
Ion Ratio Lower Upper
146 100
111 41.2 22.1 66.1
148 63.5 31.8 95.3





#88
1,4-Dichlorobenzene
Concen: 0.517 ug/l
RT: 11.976 min Scan# 11
Delta R.T. -0.067 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

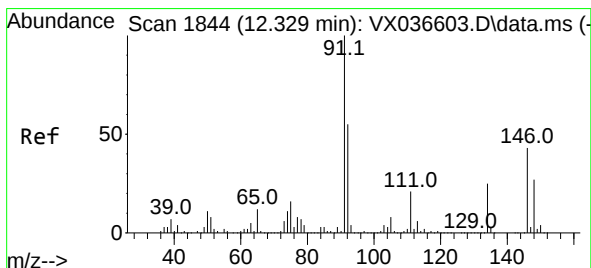
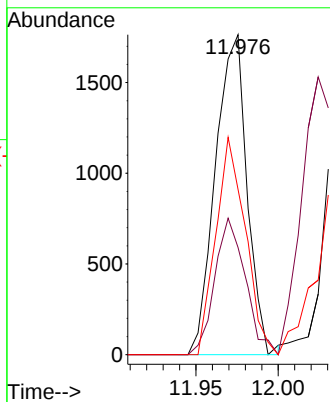
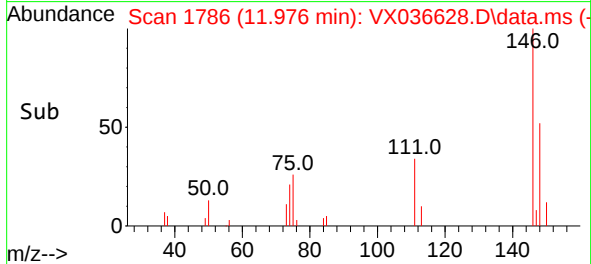
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023



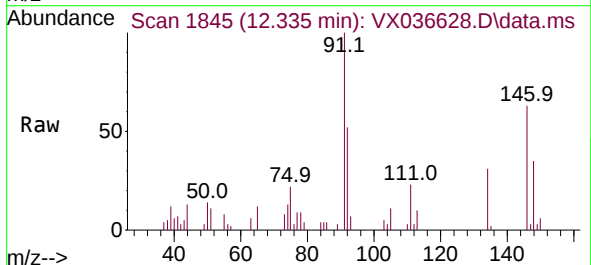
Tgt Ion:146 Resp: 236
Ion Ratio Lower Upper
146 100
111 41.2 21.3 63.7
148 63.5 31.8 95.4

Manual Integrations
APPROVED

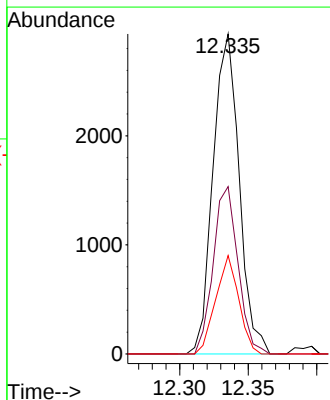
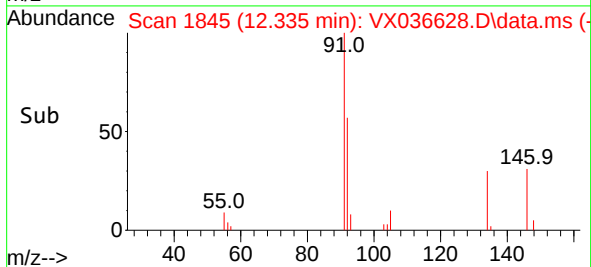
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

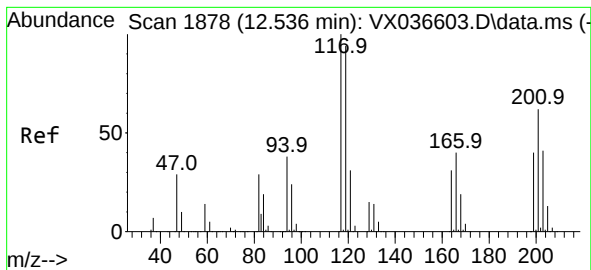


#89
n-Butylbenzene
Concen: 0.471 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47



Tgt Ion: 91 Resp: 3884
Ion Ratio Lower Upper
91 100
92 49.6 27.4 82.0
134 27.1 12.6 37.8





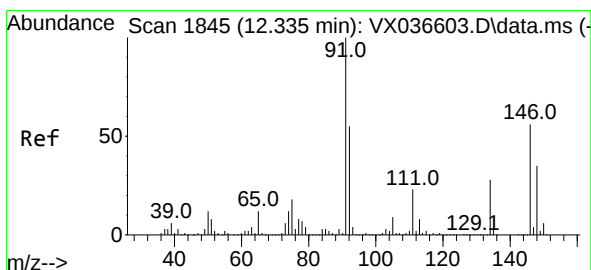
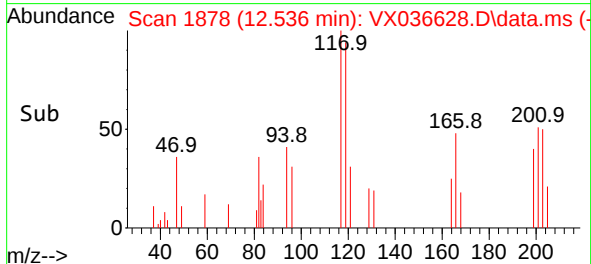
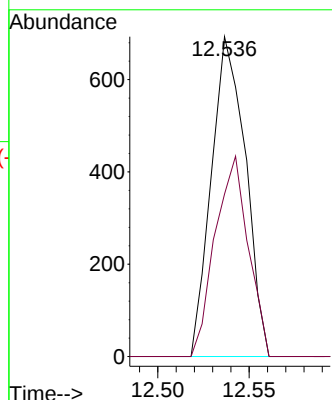
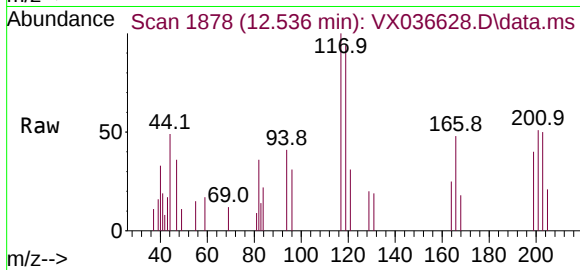
#90
Hexachloroethane
Concen: 0.481 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

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

Tgt Ion:117 Resp: 898
Ion Ratio Lower Upper
117 100
201 61.0 32.9 98.6

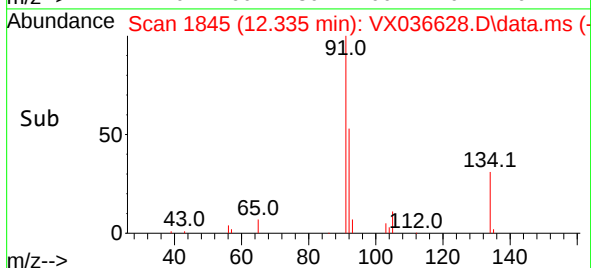
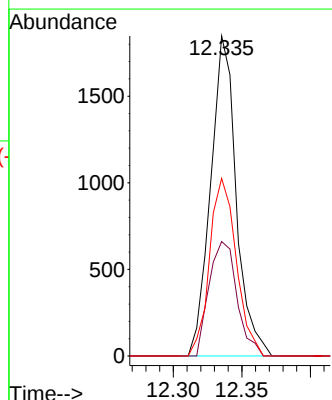
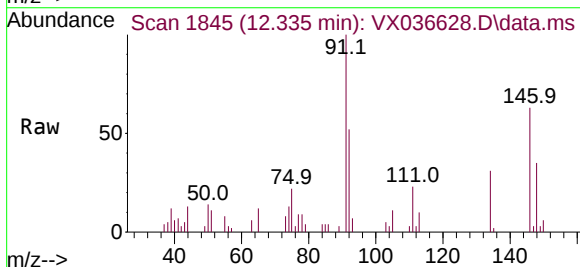
Manual Integrations
APPROVED

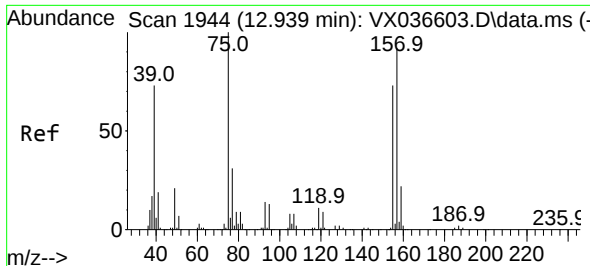
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023



#91
1,2-Dichlorobenzene
Concen: 0.541 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

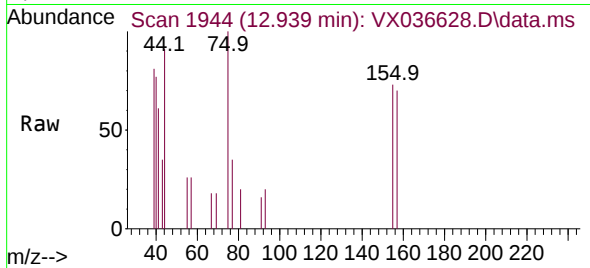
Tgt Ion:146 Resp: 2403
Ion Ratio Lower Upper
146 100
111 39.0 22.4 67.0
148 57.9 31.6 95.0





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.531 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47

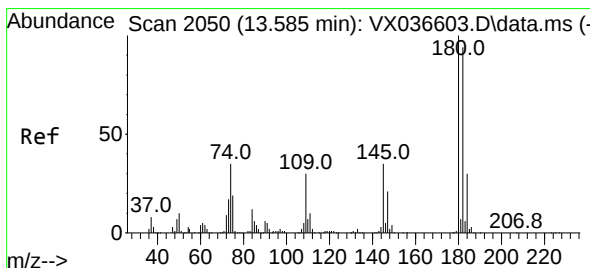
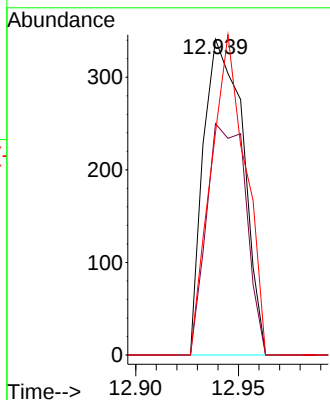
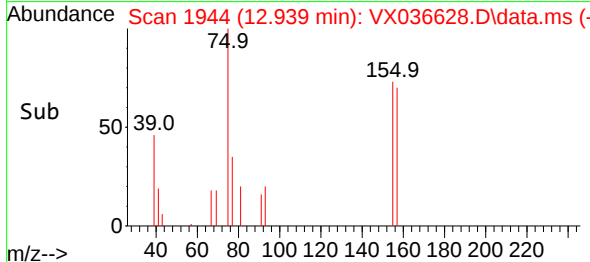
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2023



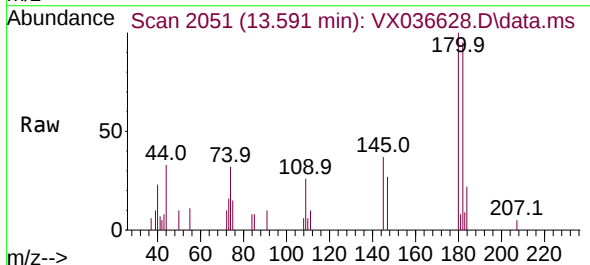
Tgt Ion: 75 Resp: 45
Ion Ratio Lower Upper
75 100
155 73.2 36.1 108.5
157 89.0 44.9 134.7

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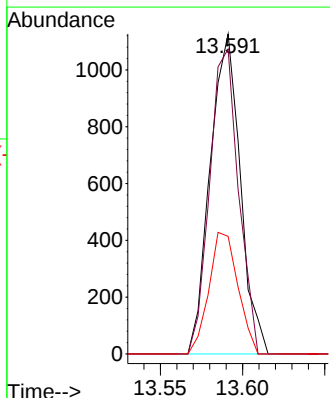
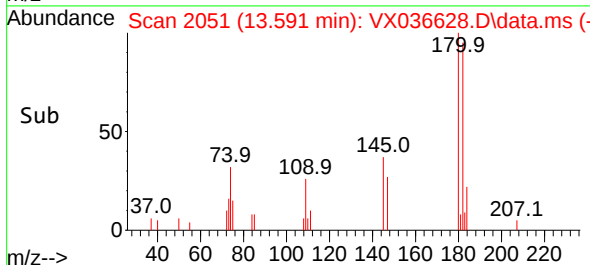
Reviewed By :John Carlone 07/25/2023
Supervised By :Mahesh Dadoda 07/25/2023

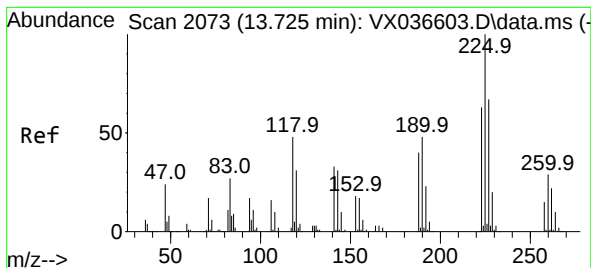


#93
1,2,4-Trichlorobenzene
Concen: 0.524 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX036628.D
Acq: 24 Jul 2023 13:47



Tgt Ion:180 Resp: 1434
Ion Ratio Lower Upper
180 100
182 91.6 48.3 144.8
145 36.7 18.0 54.0





#94

Hexachlorobutadiene

Concen: 0.464 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX036628.D

Acq: 24 Jul 2023 13:47

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

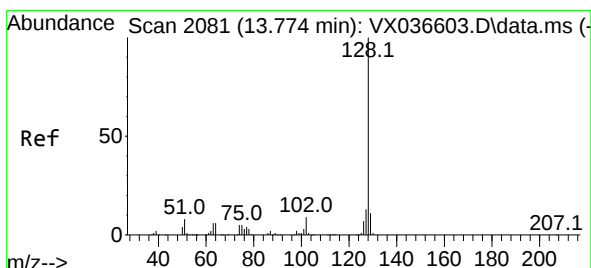
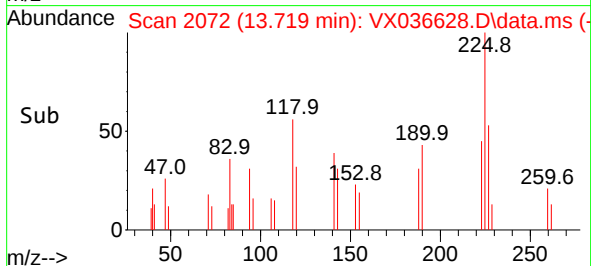
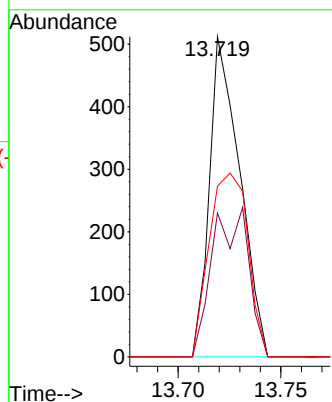
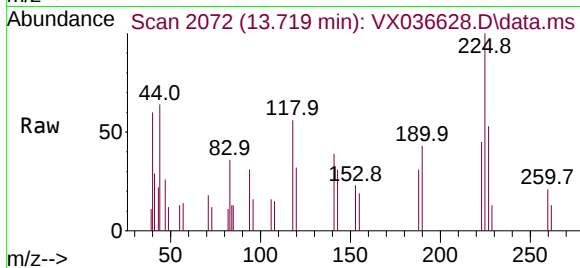
Tgt Ion:	225	Resp:	520
Ion Ratio	Lower	Upper	
225	100		
223	55.3	31.1	93.2
227	73.2	32.5	97.5

Manual Integrations

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Reviewed By :John Carlone 07/25/2023

Supervised By :Mahesh Dadoda 07/25/2023



#95

Naphthalene

Concen: 0.508 ug/l

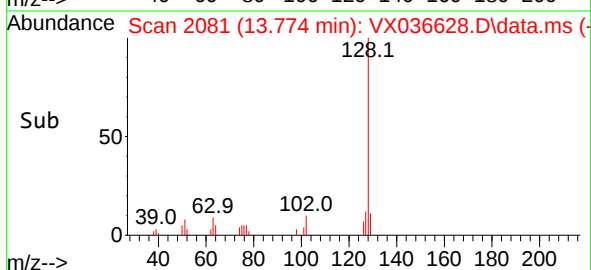
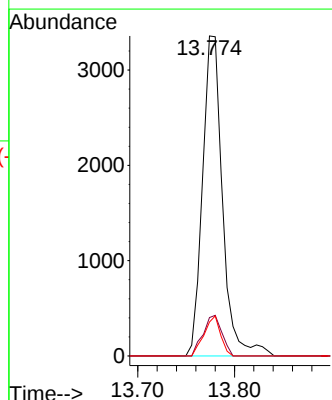
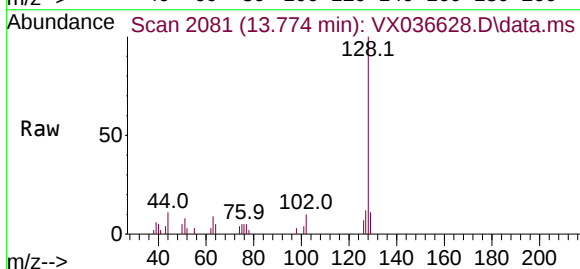
RT: 13.774 min Scan# 2081

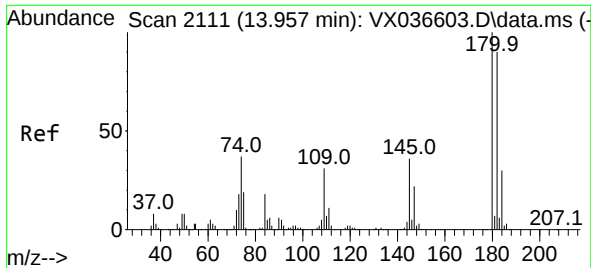
Delta R.T. 0.000 min

Lab File: VX036628.D

Acq: 24 Jul 2023 13:47

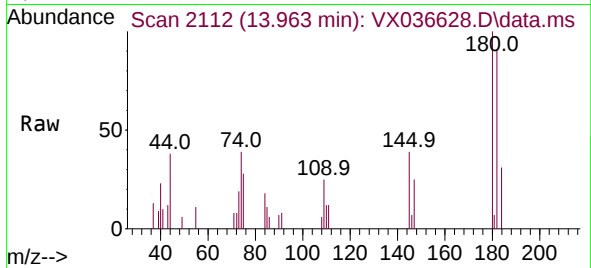
Tgt Ion:	128	Resp:	4843
Ion Ratio	Lower	Upper	
128	100		
127	11.9	10.3	15.5
129	10.2	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.495 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.006 min
 Lab File: VX036628.D
 Acq: 24 Jul 2023 13:47

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



Tgt Ion:180 Resp: 1335
 Ion Ratio Lower Upper
 180 100
 182 89.5 46.9 140.6
 145 34.2 17.8 53.5

Manual Integrations
 APPROVED

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

