

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072423\
 Data File : VX036629.D
 Acq On : 24 Jul 2023 14:35
 Operator : JC/MD
 Sample : 03572-09 0.75PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jul 25 08:00:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 07/25/2023

Supervised By :Mahesh
 Dadoda
 07/25/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	173681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	301837	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	271557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	128409	49.967	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.940%		
35) Dibromofluoromethane	5.385	113	102912	49.604	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.200%		
50) Toluene-d8	8.647	98	363957	49.469	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.940%		
62) 4-Bromofluorobenzene	11.079	95	138280	49.817	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.640%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1653	0.720	ug/l	98
3) Chloromethane	1.294	50	1796	0.861	ug/l	92
4) Vinyl Chloride	1.374	62	1623	0.764	ug/l	94
5) Bromomethane	1.611	94	1533	1.209	ug/l #	72
6) Chloroethane	1.685	64	959	0.928	ug/l	93
7) Trichlorofluoromethane	1.886	101	2517	0.767	ug/l	94
8) Diethyl Ether	2.130	74	1016	0.800	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	1405	0.713	ug/l	100
10) Methyl Iodide	2.453	142	1296	0.633	ug/l #	91
11) Tert butyl alcohol	2.995	59	2481	4.078	ug/l #	87
12) 1,1-Dichloroethene	2.325	96	1617	0.831	ug/l #	76
13) Acrolein	2.239	56	1596	4.597	ug/l	90
14) Allyl chloride	2.666	41	2949	0.770	ug/l	92
15) Acrylonitrile	3.075	53	4842	3.957	ug/l	95
16) Acetone	2.386	43	4682	4.390	ug/l	98
17) Carbon Disulfide	2.514	76	4575	0.852	ug/l #	92
18) Methyl Acetate	2.709	43	3757	0.837	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	5799	0.793	ug/l	97
20) Methylene Chloride	2.788	84	2391	1.008	ug/l #	84
21) trans-1,2-Dichloroethene	3.093	96	1561	0.718	ug/l	98
22) Diisopropyl ether	3.757	45	5550	0.763	ug/l #	59
23) Vinyl Acetate	3.727	43	20328	3.645	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	3073	0.754	ug/l #	91
25) 2-Butanone	4.574	43	6613	3.822	ug/l	96
26) 2,2-Dichloropropane	4.477	77	2777	0.723	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	1830	0.709	ug/l	92
28) Bromochloromethane	4.910	49	1471	0.746	ug/l #	98
29) Tetrahydrofuran	5.019	42	4060	3.640	ug/l #	89
30) Chloroform	5.105	83	3424	0.821	ug/l	89
31) Cyclohexane	5.477	56	2963	0.833	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	2955	0.773	ug/l #	49
36) 1,1-Dichloropropene	5.696	75	2223	0.719	ug/l	93
37) Ethyl Acetate	4.727	43	2494	0.713	ug/l #	94
38) Carbon Tetrachloride	5.672	117	2464	0.750	ug/l	89
39) Methylcyclohexane	7.385	83	2845	0.740	ug/l #	84
40) Benzene	6.044	78	6575	0.731	ug/l	92

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Supervised By :Mahesh
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	1445	0.772	ug/l #	72
42) 1,2-Dichloroethane	6.092	62	2749	0.836	ug/l	93
43) Isopropyl Acetate	6.355	43	4646	0.771	ug/l	98
44) Trichloroethene	7.129	130	1611	0.685	ug/l	83
45) 1,2-Dichloropropane	7.440	63	1696	0.706	ug/l	93
46) Dibromomethane	7.592	93	1308	0.778	ug/l	97
47) Bromodichloromethane	7.830	83	2610	0.756	ug/l	99
48) Methyl methacrylate	7.696	41	1887	0.673	ug/l #	79
49) 1,4-Dioxane	7.714	88	781	13.798	ug/l #	97
51) 4-Methyl-2-Pentanone	8.574	43	13063	3.918	ug/l	99
52) Toluene	8.720	92	4212	0.747	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	2665	0.683	ug/l	95
54) cis-1,3-Dichloropropene	8.372	75	2881	0.700	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	1723	0.727	ug/l #	90
56) Ethyl methacrylate	9.122	69	2859	0.741	ug/l	97
57) 1,3-Dichloropropane	9.311	76	2848	0.722	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	6802	3.578	ug/l	100
59) 2-Hexanone	9.433	43	9165	3.704	ug/l	96
60) Dibromochloromethane	9.525	129	1800	0.691	ug/l	100
61) 1,2-Dibromoethane	9.610	107	1822	0.742	ug/l	99
64) Tetrachloroethene	9.275	164	1505	0.743	ug/l	92
65) Chlorobenzene	10.079	112	4413	0.737	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	1734	0.749	ug/l #	65
67) Ethyl Benzene	10.195	91	8022	0.734	ug/l	94
68) m/p-Xylenes	10.305	106	5810	1.424	ug/l	96
69) o-Xylene	10.640	106	3006	0.738	ug/l	95
70) Styrene	10.659	104	4748	0.707	ug/l	96
71) Bromoform	10.799	173	1393	0.744	ug/l #	92
73) Isopropylbenzene	10.963	105	7349	0.703	ug/l	96
74) N-amyl acetate	10.842	43	3446	0.706	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	2689	0.761	ug/l	95
76) 1,2,3-Trichloropropane	11.244	75	2165m	0.728	ug/l	
77) Bromobenzene	11.195	156	1785	0.749	ug/l	99
78) n-propylbenzene	11.305	91	8984	0.743	ug/l	97
79) 2-Chlorotoluene	11.366	91	5319	0.726	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	6332	0.724	ug/l	100
82) 4-Chlorotoluene	11.457	91	6030	0.722	ug/l	100
83) tert-Butylbenzene	11.713	119	6426	0.747	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	5800	0.663	ug/l	90
85) sec-Butylbenzene	11.890	105	7410	0.691	ug/l	98
86) p-Isopropyltoluene	12.006	119	6499	0.737	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	3228	0.732	ug/l	99
88) 1,4-Dichlorobenzene	11.969	146	3228	0.737	ug/l	98
89) n-Butylbenzene	12.335	91	5083	0.644	ug/l	99
90) Hexachloroethane	12.536	117	1170	0.654	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	2976	0.699	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.939	75	564	0.687	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	1795	0.684	ug/l	97
94) Hexachlorobutadiene	13.719	225	709	0.653	ug/l	91
95) Naphthalene	13.774	128	6138	0.671	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	1661	0.642	ug/l	95

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Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

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

Manual Integrations
APPROVED

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

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

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

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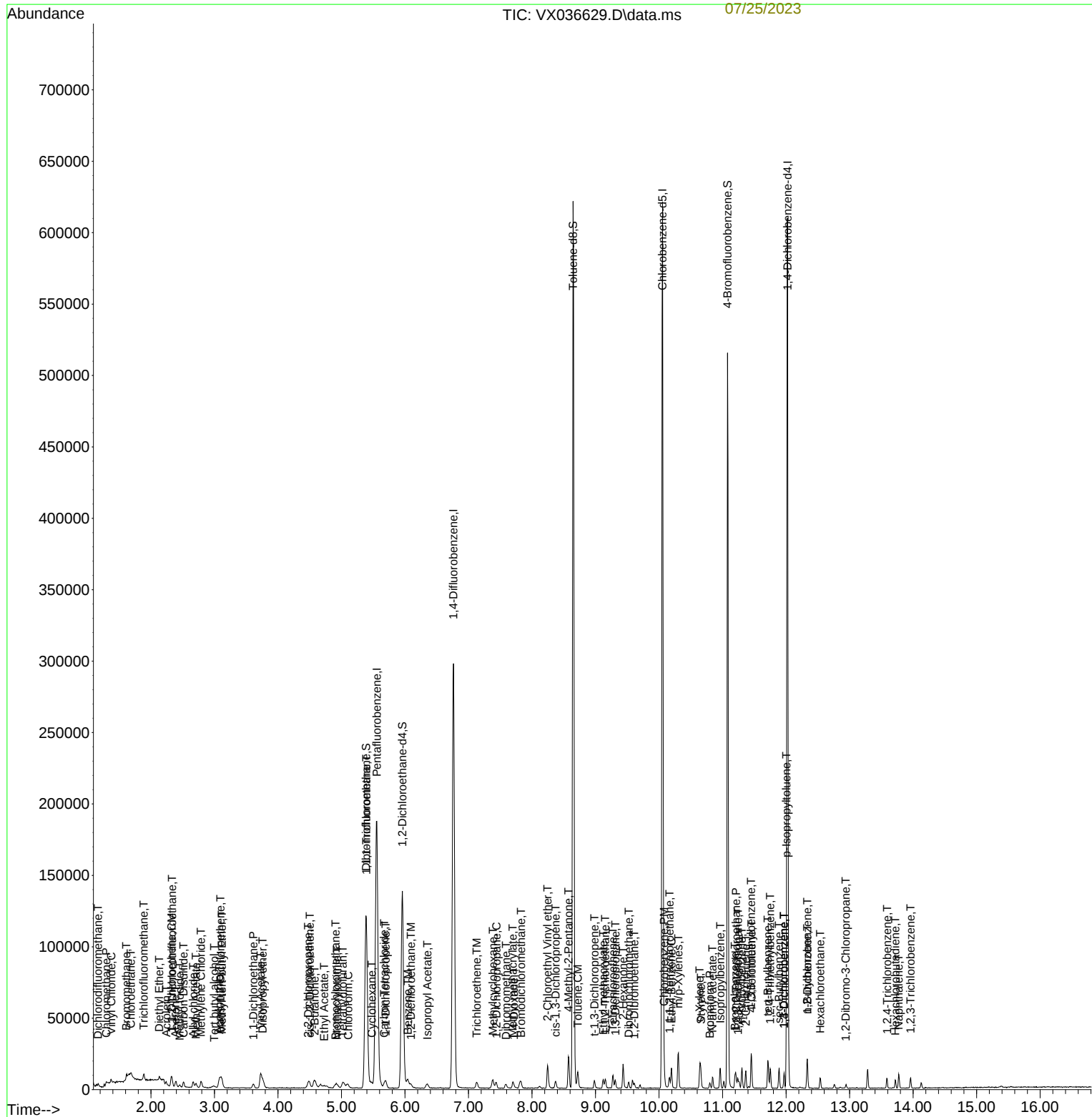
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023

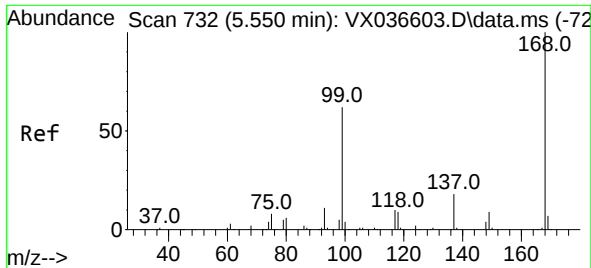
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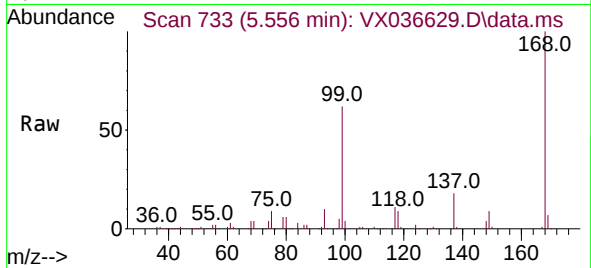
Supervised By :Mahesh
Dadoda
07/25/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036629.D
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Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023

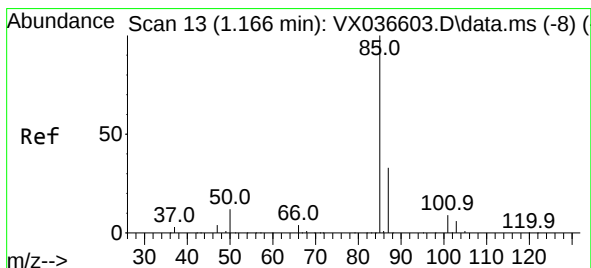
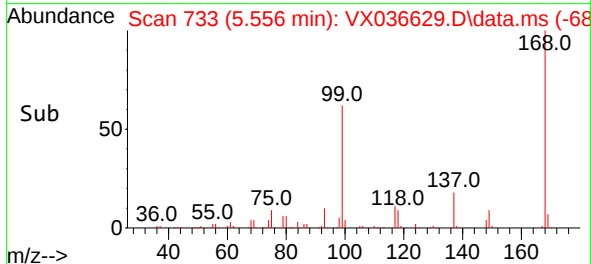
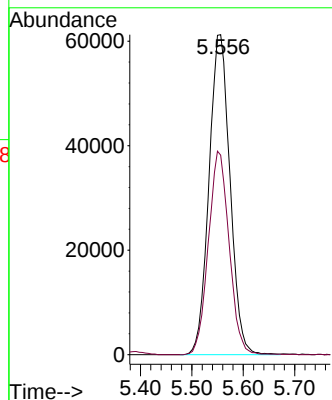


Tgt Ion:168 Resp: 17368
Ion Ratio Lower Upper
168 100
99 62.4 56.6 85.0

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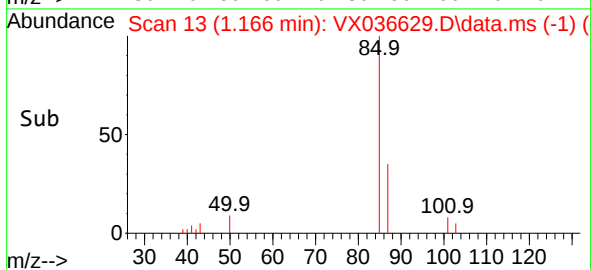
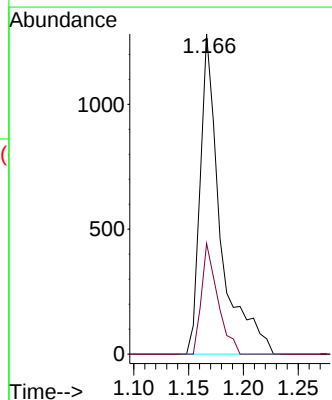
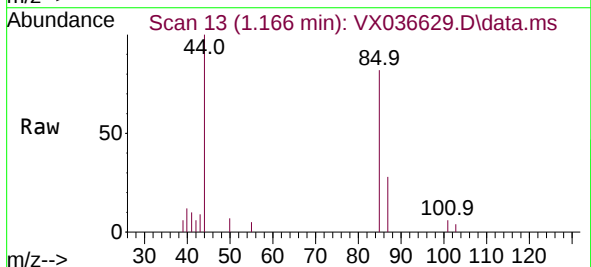
Reviewed By :John
Carlone
07/25/2023

Supervised By :Mahesh
Dadoda
07/25/2023



#2
Dichlorodifluoromethane
Concen: 0.720 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

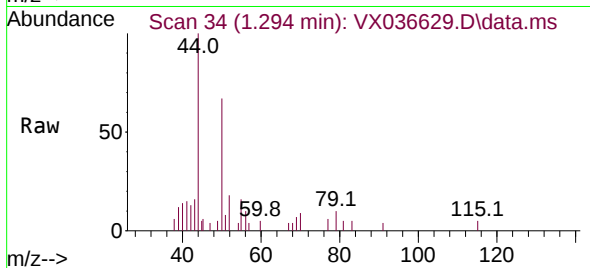
Tgt Ion: 85 Resp: 1653
Ion Ratio Lower Upper
85 100
87 34.6 16.7 50.1





#3
Chloromethane
Concen: 0.861 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

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

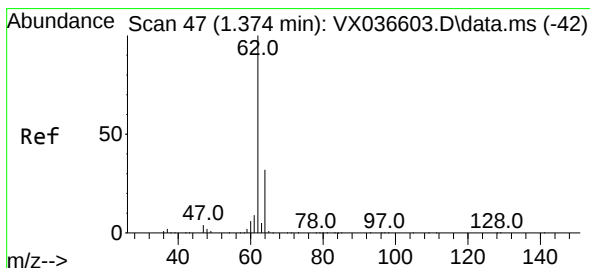
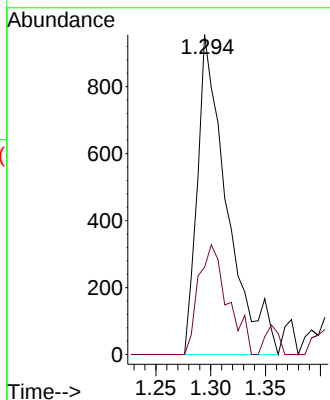
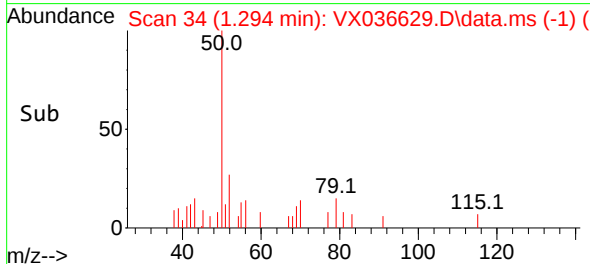


Tgt Ion: 50 Resp: 1790
Ion Ratio Lower Upper
50 100
52 27.3 25.5 38.3

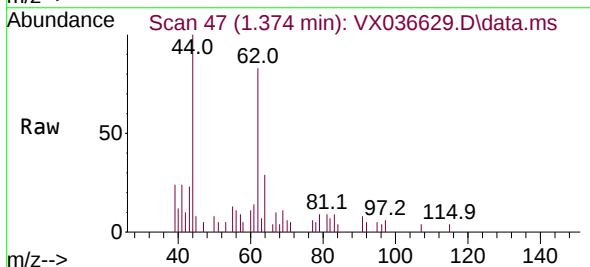
Manual Integrations
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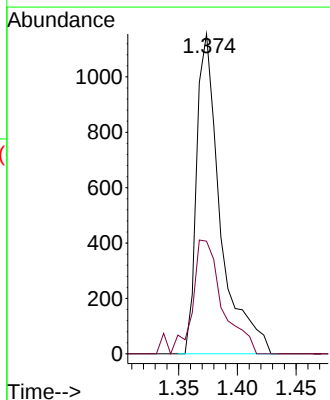
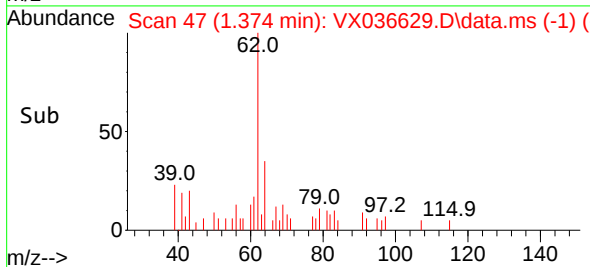
Supervised By :Mahesh
Dadoda
07/25/2023



#4
Vinyl Chloride
Concen: 0.764 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35



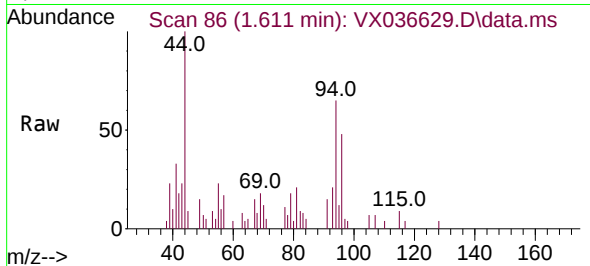
Tgt Ion: 62 Resp: 1623
Ion Ratio Lower Upper
62 100
64 35.2 25.4 38.0





#5
Bromomethane
Concen: 1.209 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

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

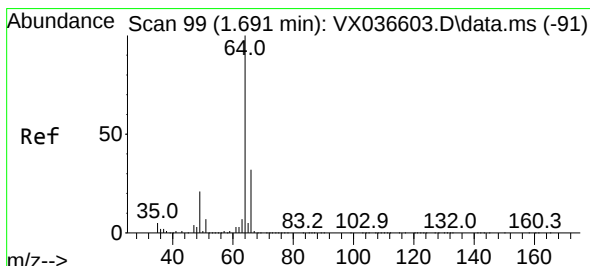
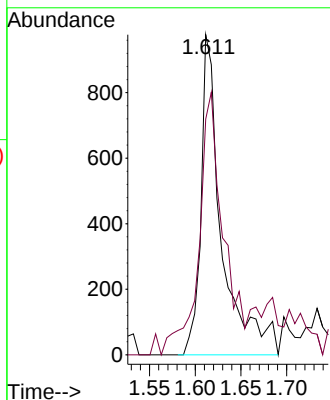
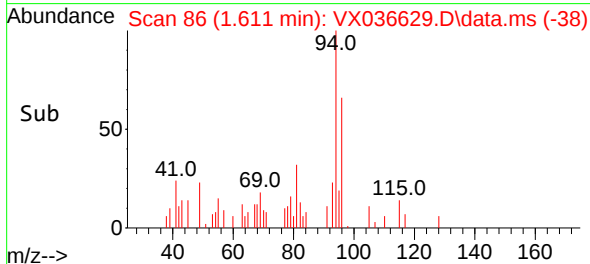


Tgt Ion: 94 Resp: 153
Ion Ratio Lower Upper
94 100
96 66.0 74.6 111.8

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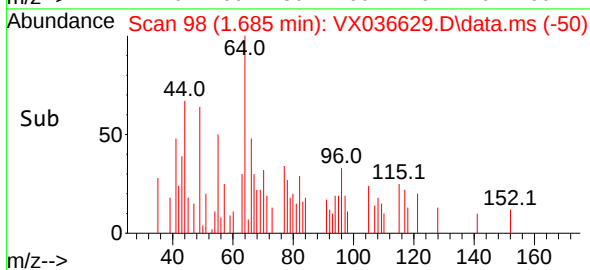
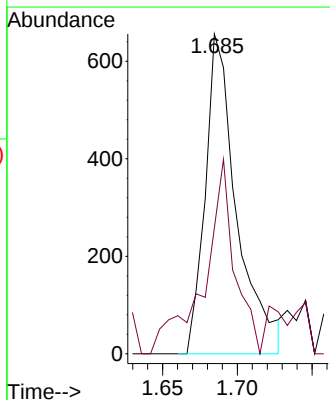
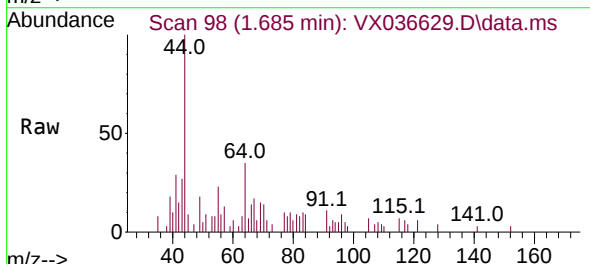
Reviewed By :John
Carlone
07/25/2023

Supervised By :Mahesh
Dadoda
07/25/2023



#6
Chloroethane
Concen: 0.928 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

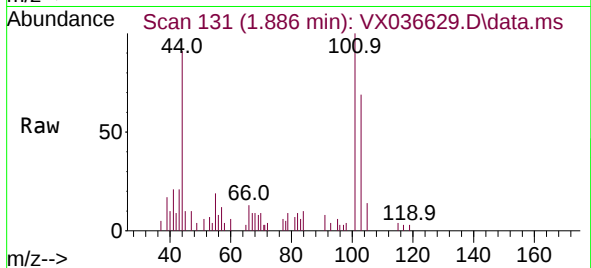
Tgt Ion: 64 Resp: 959
Ion Ratio Lower Upper
64 100
66 27.4 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 0.767 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036629.D
 Acq: 24 Jul 2023 14:35

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

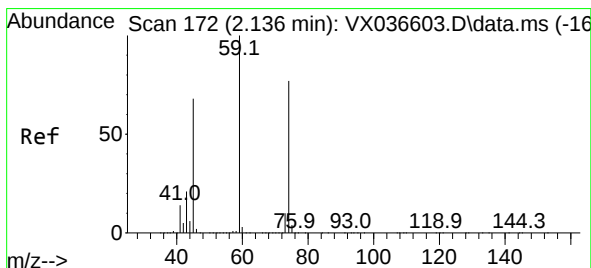
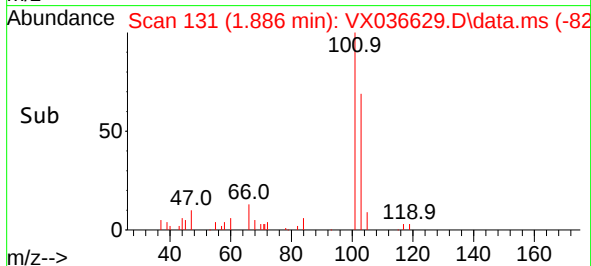
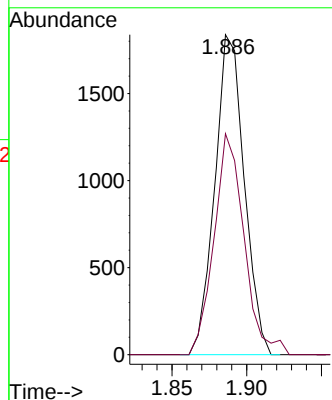


Tgt Ion:101 Resp: 251
 Ion Ratio Lower Upper
 101 100
 103 69.0 51.4 77.2

Manual Integrations
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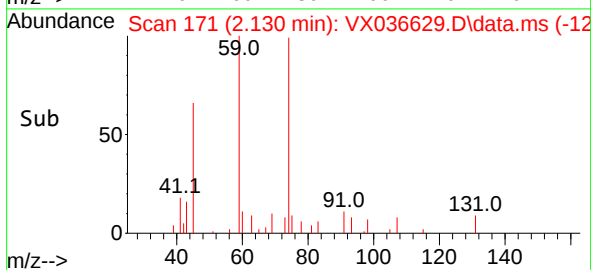
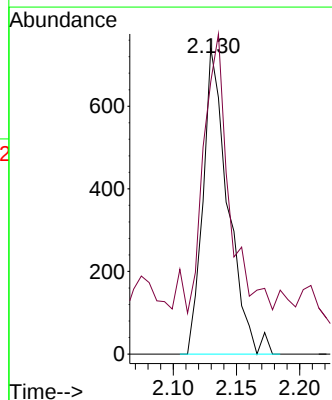
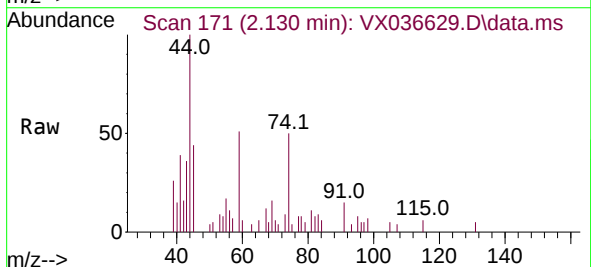
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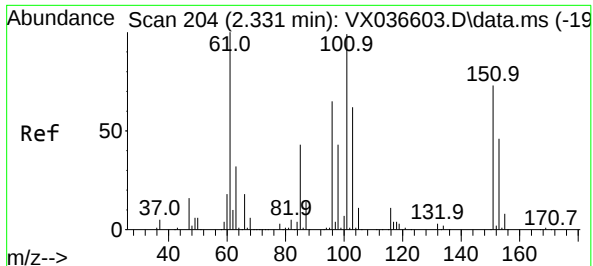
Supervised By :Mahesh
 Dadoda
 07/25/2023



#8
 Diethyl Ether
 Concen: 0.800 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX036629.D
 Acq: 24 Jul 2023 14:35

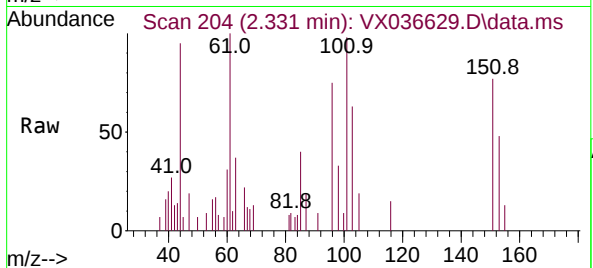
Tgt Ion: 74 Resp: 1016
 Ion Ratio Lower Upper
 74 100
 45 100.4 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.713 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

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

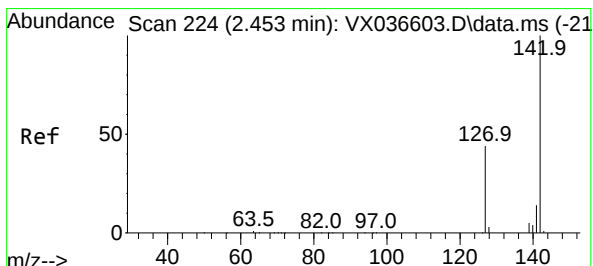
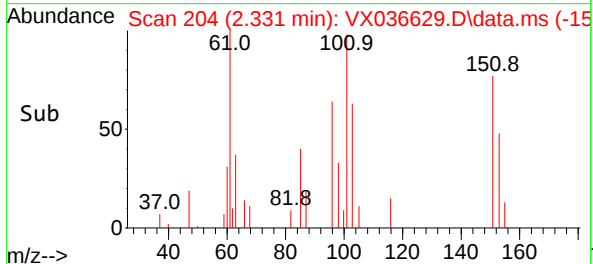
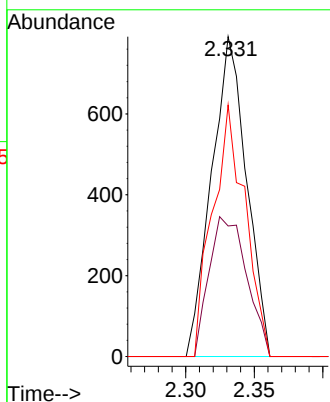


Tgt Ion:101 Resp: 140
Ion Ratio Lower Upper
101 100
85 47.0 37.0 55.6
151 73.2 58.6 87.8

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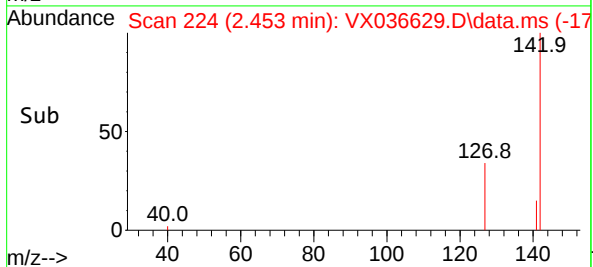
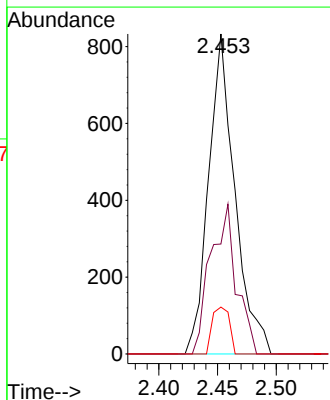
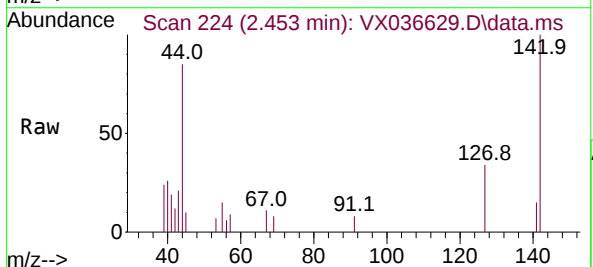
Reviewed By :John
Carlone
07/25/2023

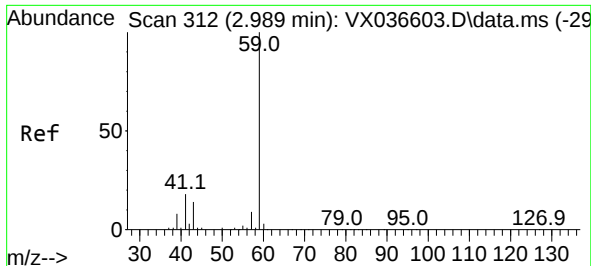
Supervised By :Mahesh
Dadoda
07/25/2023



#10
Methyl Iodide
Concen: 0.633 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

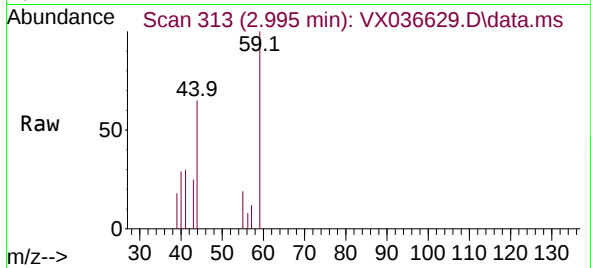
Tgt Ion:142 Resp: 1296
Ion Ratio Lower Upper
142 100
127 46.1 41.6 62.4
141 9.6 11.6 17.4#





#11
Tert butyl alcohol
Concen: 4.078 ug/l
RT: 2.995 min Scan# 312
Delta R.T. 0.006 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

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

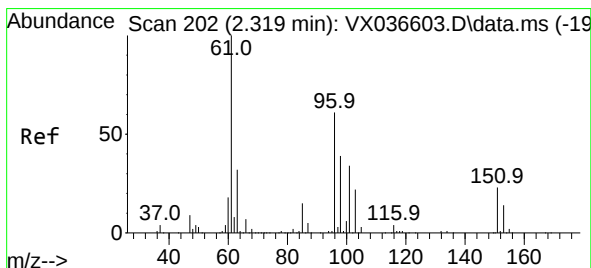
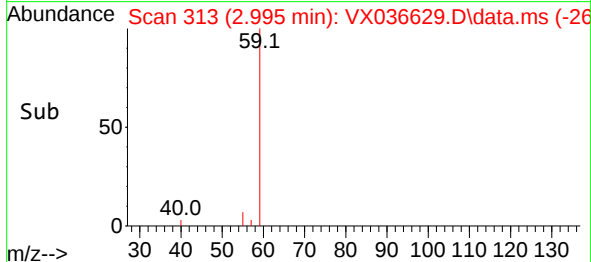
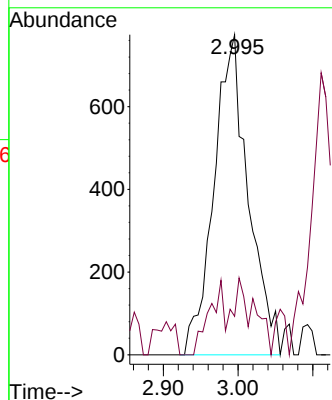


Tgt Ion: 59 Resp: 248
Ion Ratio Lower Upper
59 100
57 2.9 6.0 9.0

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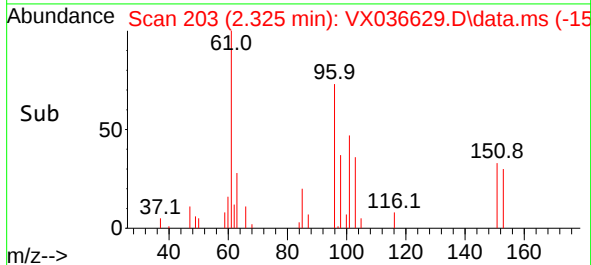
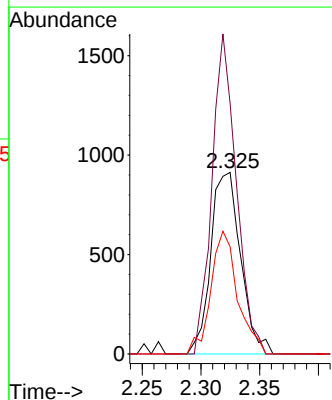
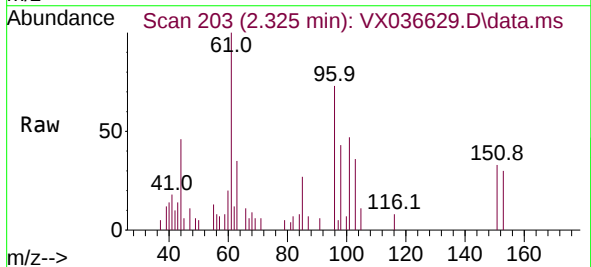
Reviewed By :John
Carlone
07/25/2023

Supervised By :Mahesh
Dadoda
07/25/2023



#12
1,1-Dichloroethene
Concen: 0.831 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

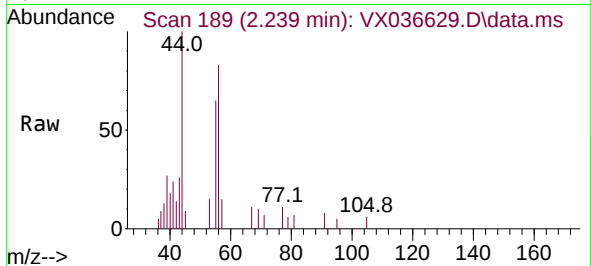
Tgt Ion: 96 Resp: 1617
Ion Ratio Lower Upper
96 100
61 137.9 144.6 216.8#
98 59.0 50.4 75.6





#13
Acrolein
Concen: 4.597 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

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

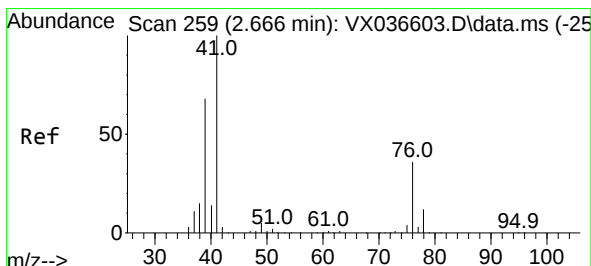
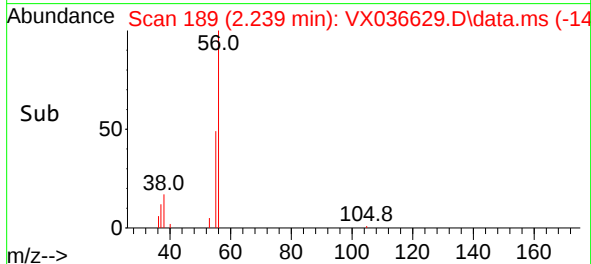
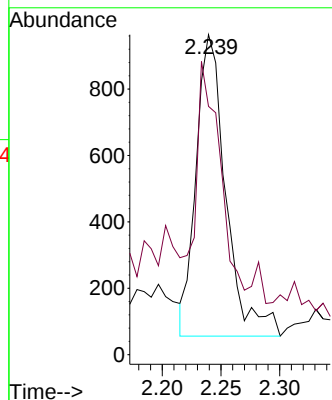


Tgt Ion: 56 Resp: 1590
Ion Ratio Lower Upper
56 100
55 62.8 57.1 85.7

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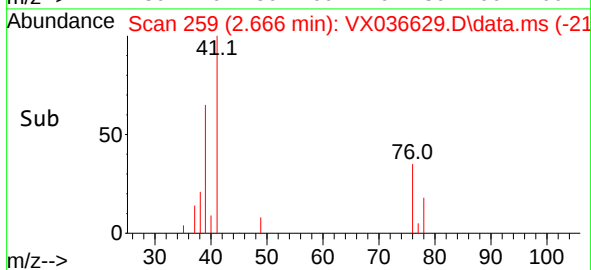
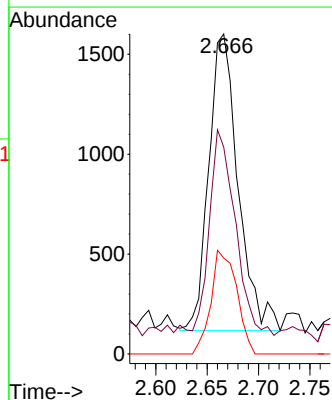
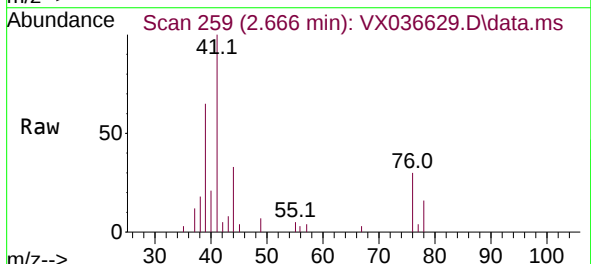
Reviewed By :John
Carlone
07/25/2023

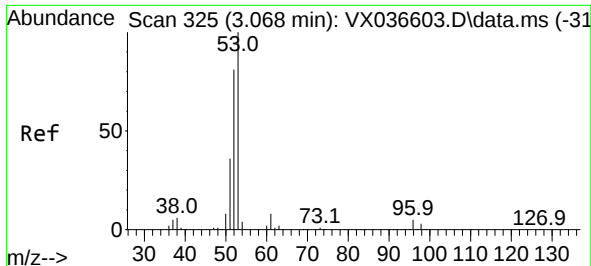
Supervised By :Mahesh
Dadoda
07/25/2023



#14
Allyl chloride
Concen: 0.770 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

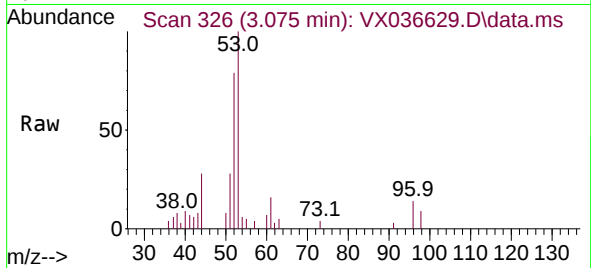
Tgt Ion: 41 Resp: 2949
Ion Ratio Lower Upper
41 100
39 60.8 55.8 83.6
76 30.6 24.3 36.5





#15
Acrylonitrile
Concen: 3.957 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

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

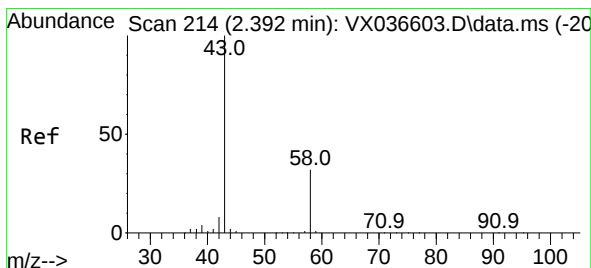
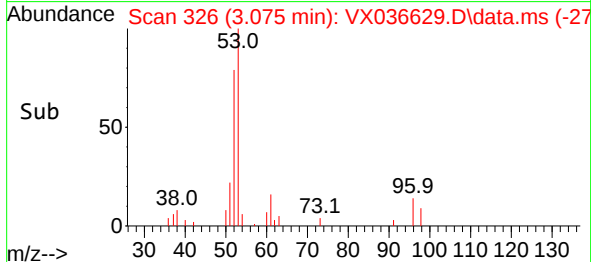
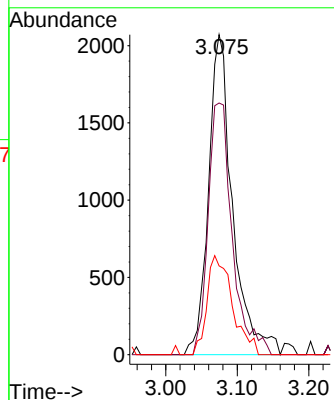


Tgt Ion: 53 Resp: 4842
Ion Ratio Lower Upper
53 100
52 78.8 66.0 99.0
51 32.7 29.8 44.6

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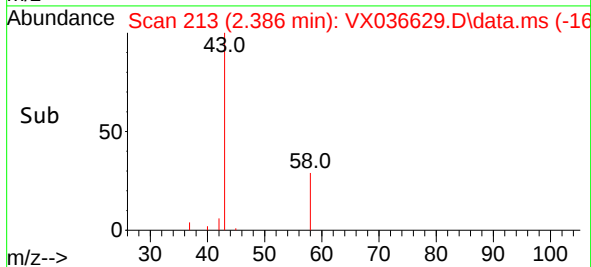
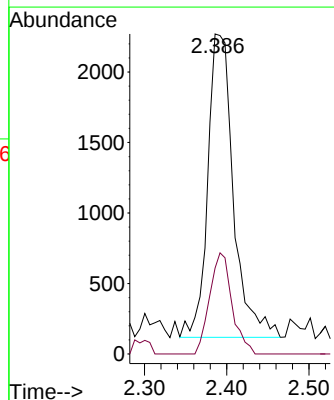
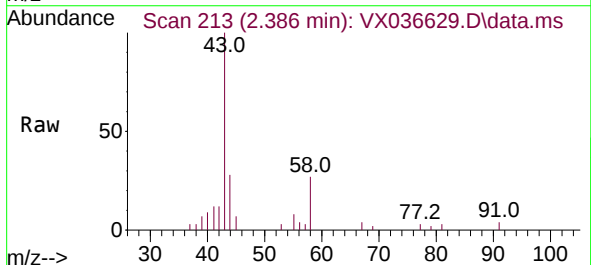
Reviewed By :John
Carlone
07/25/2023

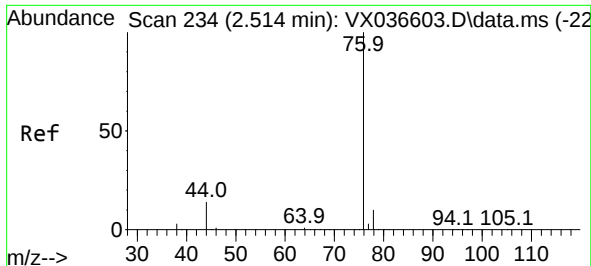
Supervised By :Mahesh
Dadoda
07/25/2023



#16
Acetone
Concen: 4.390 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

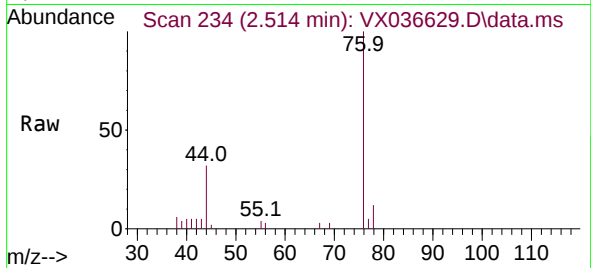
Tgt Ion: 43 Resp: 4682
Ion Ratio Lower Upper
43 100
58 28.3 21.9 32.9





#17
Carbon Disulfide
Concen: 0.852 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

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

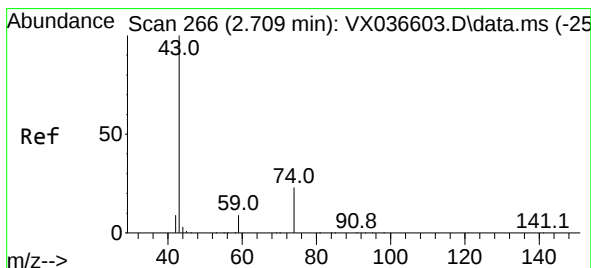
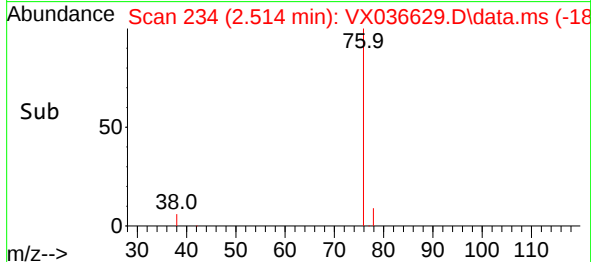
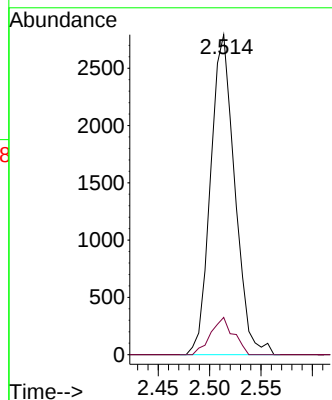


Tgt Ion: 76 Resp: 4579
Ion Ratio Lower Upper
76 100
78 11.6 7.0 10.6

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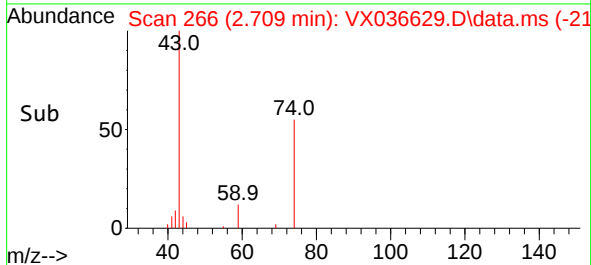
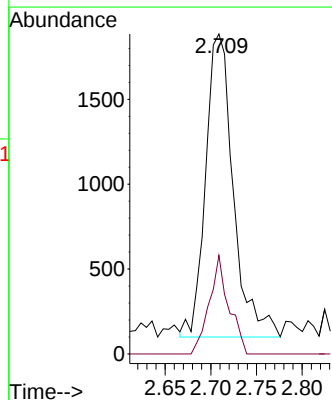
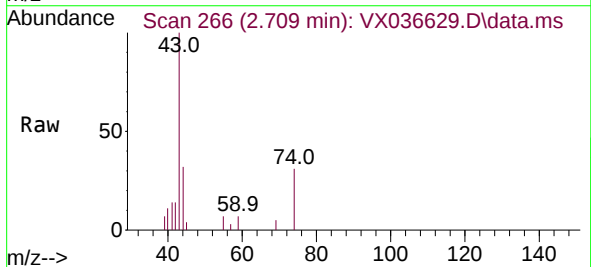
Reviewed By :John
Carlone
07/25/2023

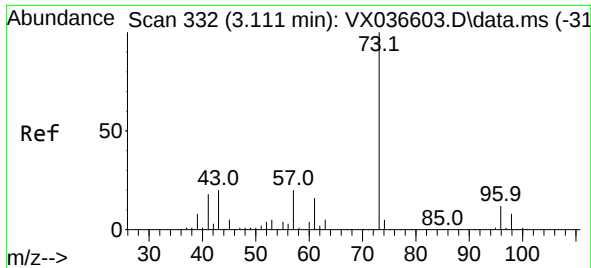
Supervised By :Mahesh
Dadoda
07/25/2023



#18
Methyl Acetate
Concen: 0.837 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

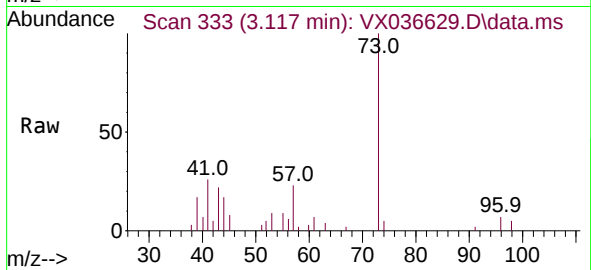
Tgt Ion: 43 Resp: 3757
Ion Ratio Lower Upper
43 100
74 22.9 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 0.793 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

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

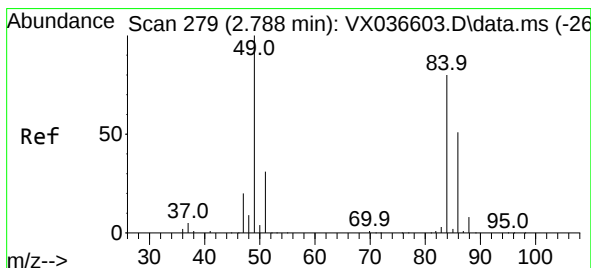
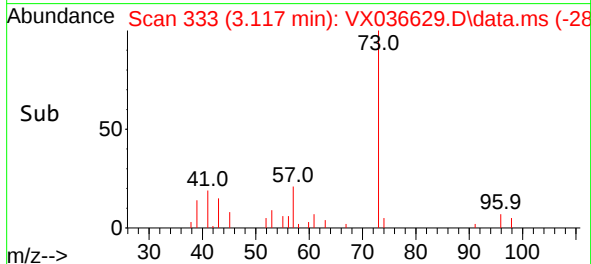
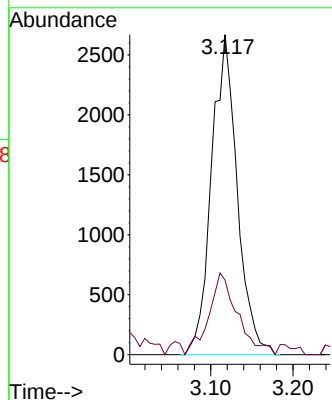


Tgt Ion: 73 Resp: 5799
Ion Ratio Lower Upper
73 100
57 20.2 17.3 25.9

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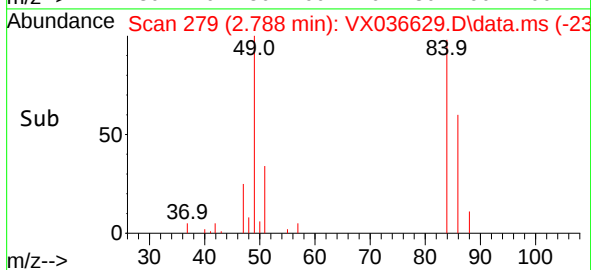
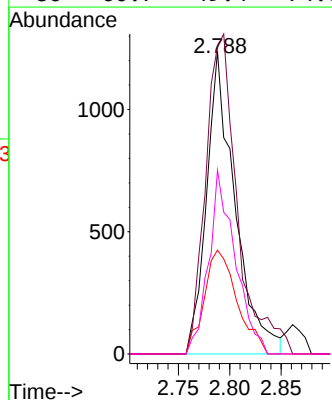
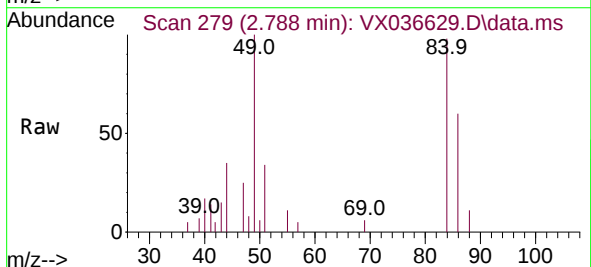
Reviewed By :John
Carlone
07/25/2023

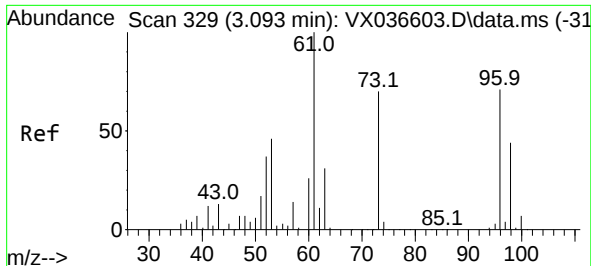
Supervised By :Mahesh
Dadoda
07/25/2023



#20
Methylene Chloride
Concen: 1.008 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

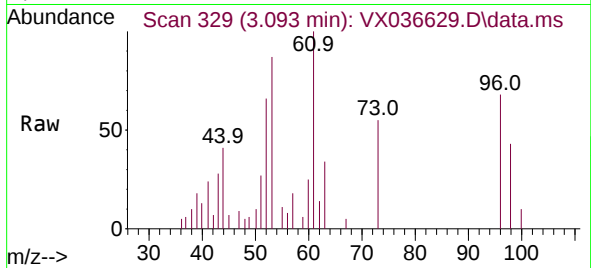
Tgt Ion: 84 Resp: 2391
Ion Ratio Lower Upper
84 100
49 101.5 103.6 155.4#
51 34.3 33.8 50.6
86 60.7 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 0.718 ug/l
RT: 3.093 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

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

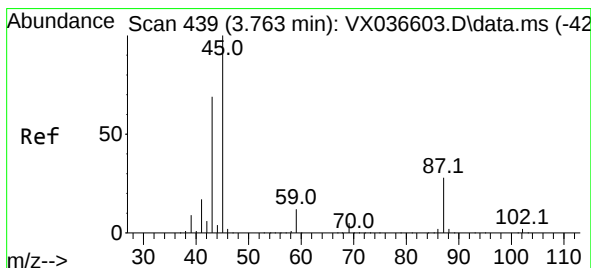
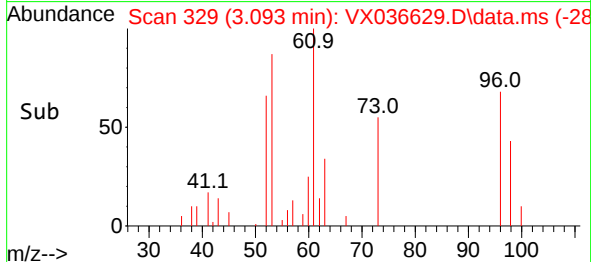
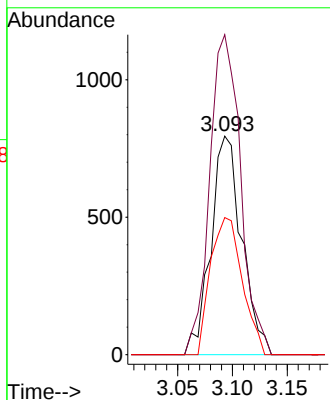


Tgt Ion: 96 Resp: 156
Ion Ratio Lower Upper
96 100
61 146.4 119.2 178.8
98 62.8 48.7 73.1

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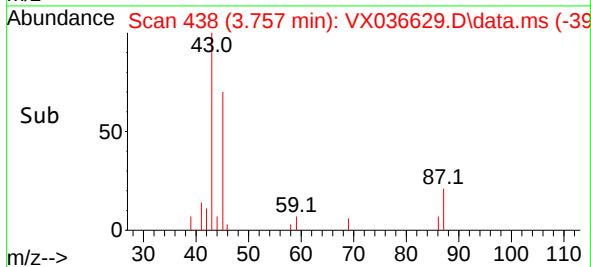
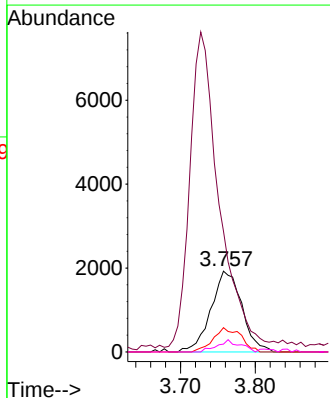
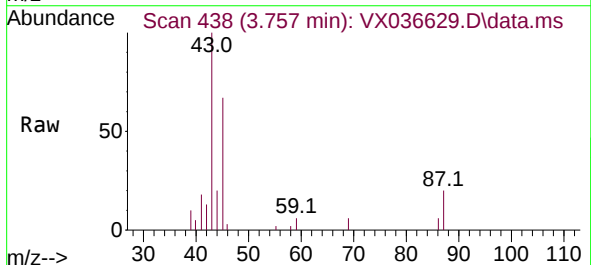
Reviewed By :John
Carlone
07/25/2023

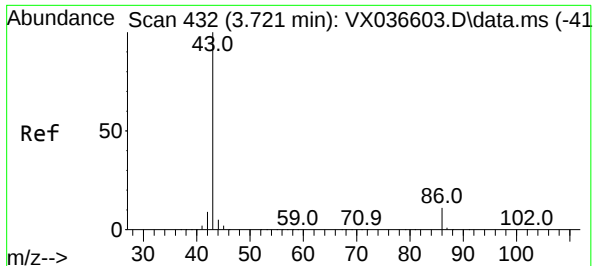
Supervised By :Mahesh
Dadoda
07/25/2023



#22
Diisopropyl ether
Concen: 0.763 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

Tgt Ion: 45 Resp: 5550
Ion Ratio Lower Upper
45 100
43 138.4 69.7 104.5#
87 30.1 20.8 31.2
59 9.7 9.0 13.4





#23
 Vinyl Acetate
 Concen: 3.645 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX036629.D
 Acq: 24 Jul 2023 14:35

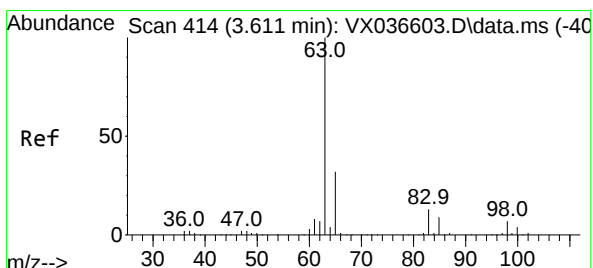
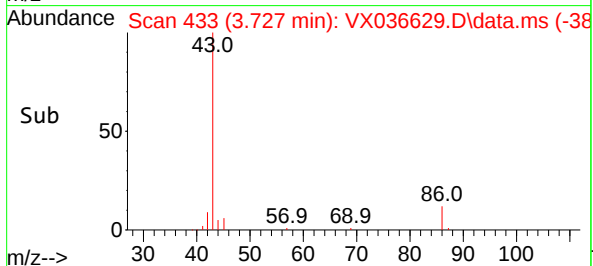
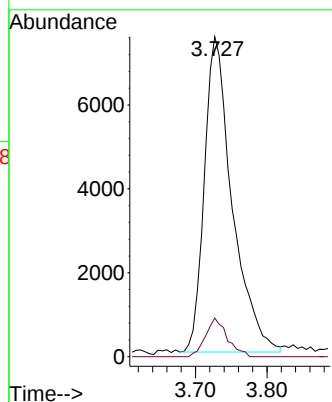
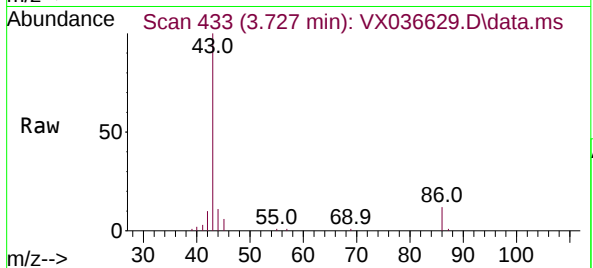
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT3-2023

Tgt Ion: 43 Resp: 20328
 Ion Ratio Lower Upper
 43 100
 86 12.2 7.8 11.8

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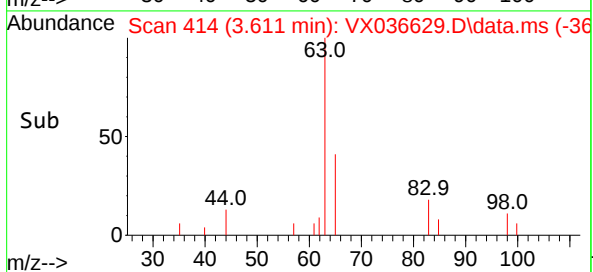
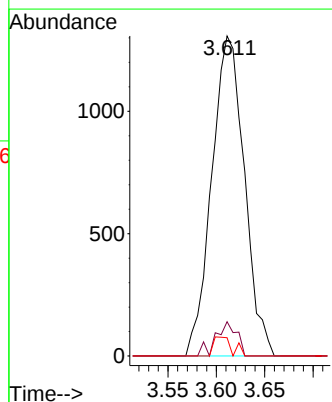
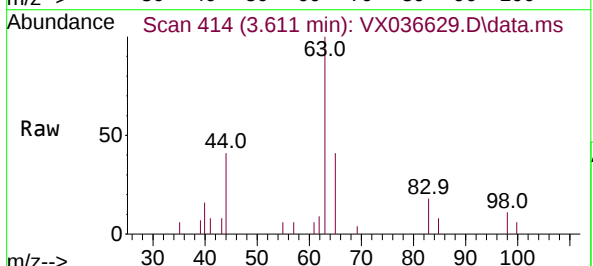
Reviewed By :John
 Carlone
 07/25/2023

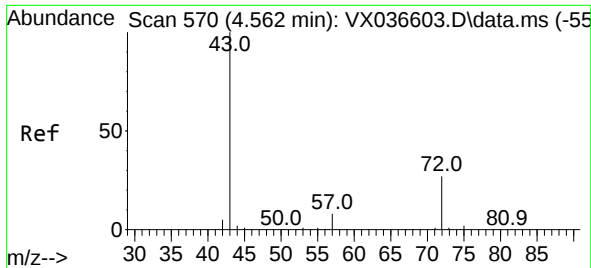
Supervised By :Mahesh
 Dadoda
 07/25/2023



#24
 1,1-Dichloroethane
 Concen: 0.754 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX036629.D
 Acq: 24 Jul 2023 14:35

Tgt Ion: 63 Resp: 3073
 Ion Ratio Lower Upper
 63 100
 98 10.7 3.3 9.8#
 100 5.7 2.1 6.5





#25
2-Butanone
Concen: 3.822 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

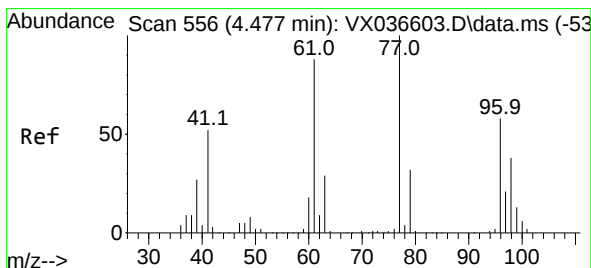
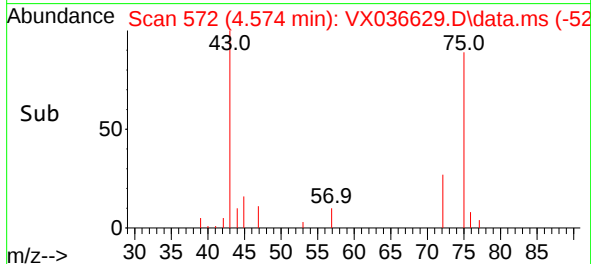
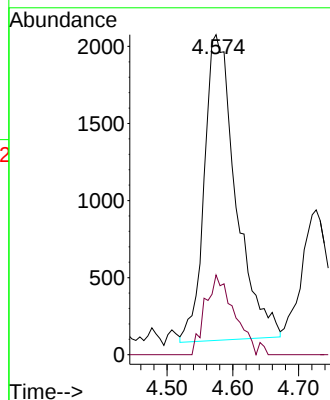
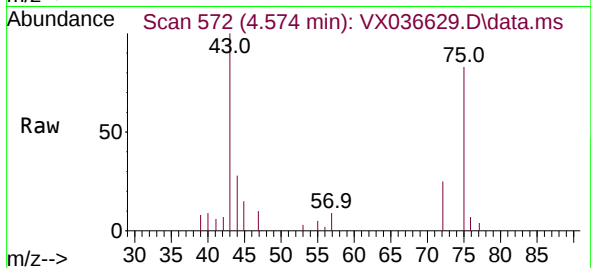
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023

Tgt Ion: 43 Resp: 661
Ion Ratio Lower Upper
43 100
72 26.4 19.4 29.2

Manual Integrations
APPROVED

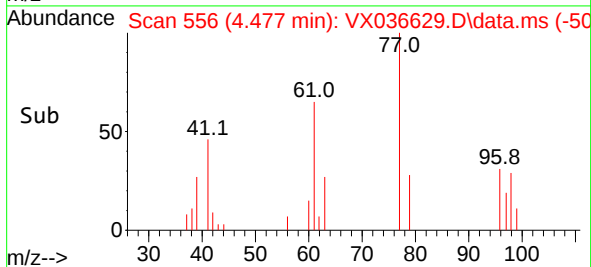
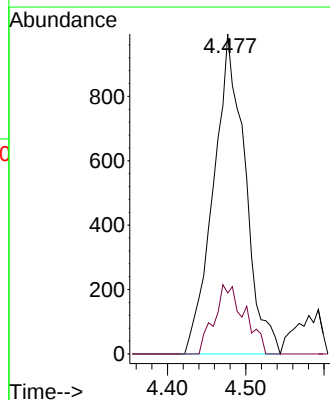
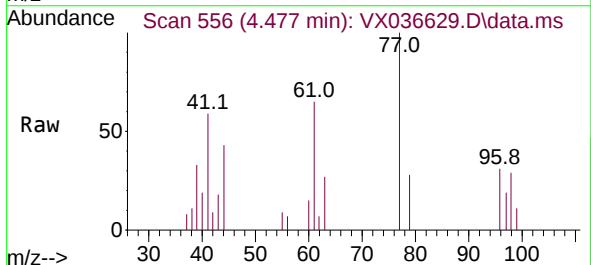
Reviewed By :John
Carlone
07/25/2023

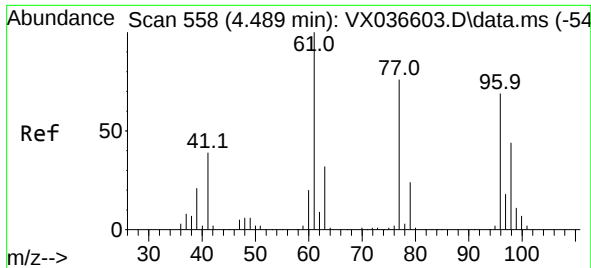
Supervised By :Mahesh
Dadoda
07/25/2023



#26
2,2-Dichloropropane
Concen: 0.723 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

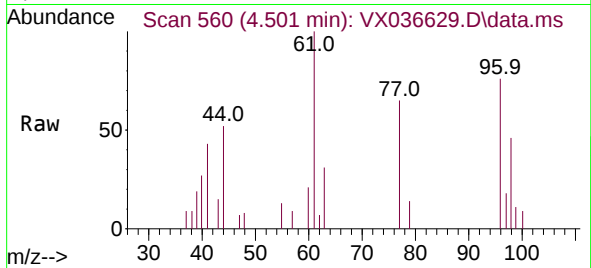
Tgt Ion: 77 Resp: 2777
Ion Ratio Lower Upper
77 100
97 20.9 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 0.709 ug/l
RT: 4.501 min Scan# 510
Delta R.T. 0.012 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

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

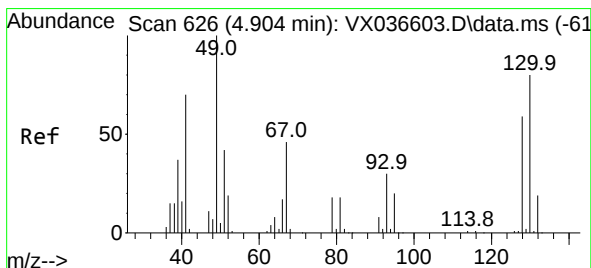
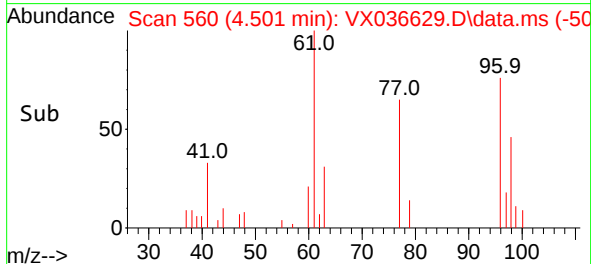
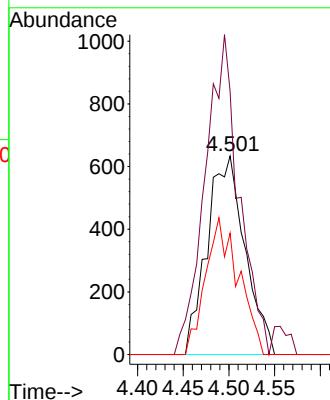


Tgt Ion: 96 Resp: 1830
Ion Ratio Lower Upper
96 100
61 143.9 0.0 312.2
98 60.0 0.0 129.0

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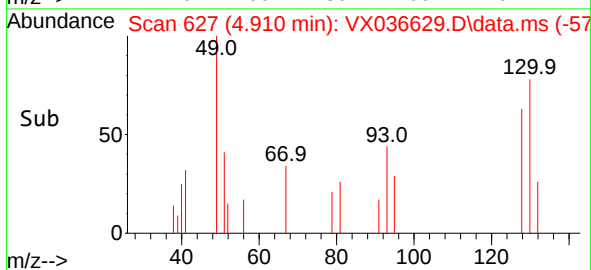
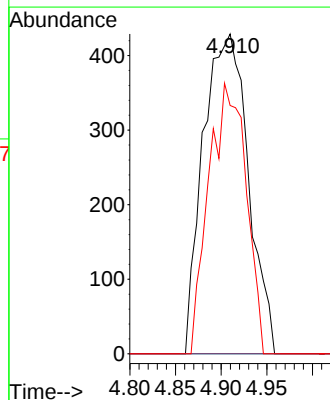
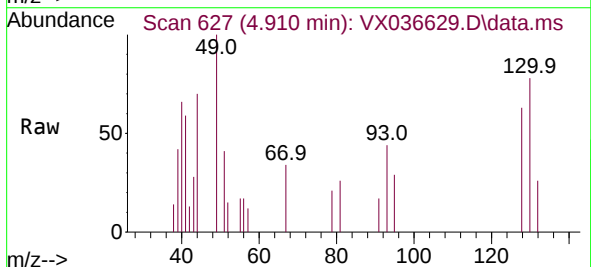
Reviewed By :John
Carlone
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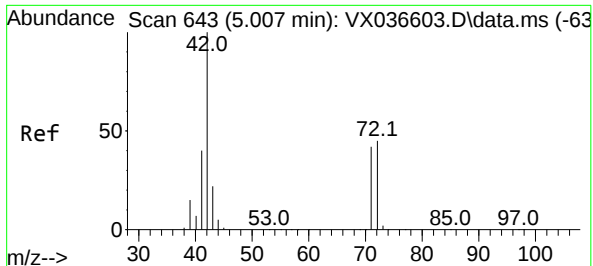
Supervised By :Mahesh
Dadoda
07/25/2023



#28
Bromochloromethane
Concen: 0.746 ug/l
RT: 4.910 min Scan# 627
Delta R.T. 0.006 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

Tgt Ion: 49 Resp: 1471
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 69.9 57.5 86.3





#29

Tetrahydrofuran

Concen: 3.640 ug/l

RT: 5.019 min Scan# 643

Delta R.T. 0.012 min

Lab File: VX036629.D

Acq: 24 Jul 2023 14:35

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion: 42	Resp: 4060
Ion Ratio	Lower Upper
42 100	
72 46.5	34.2 51.4
71 51.0	32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John

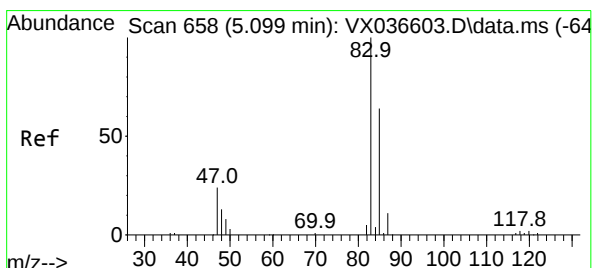
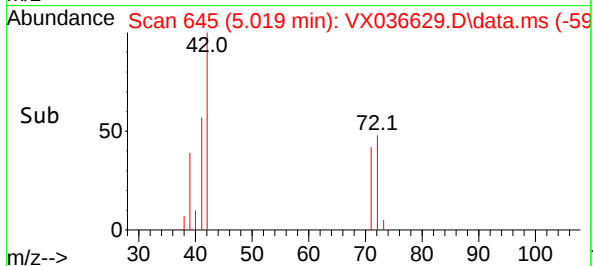
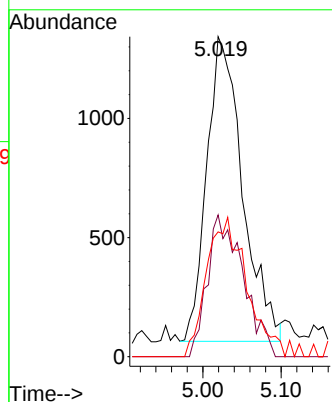
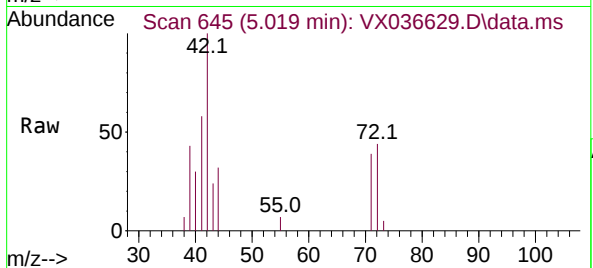
Carlone

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Supervised By :Mahesh

Dadoda

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#30

Chloroform

Concen: 0.821 ug/l

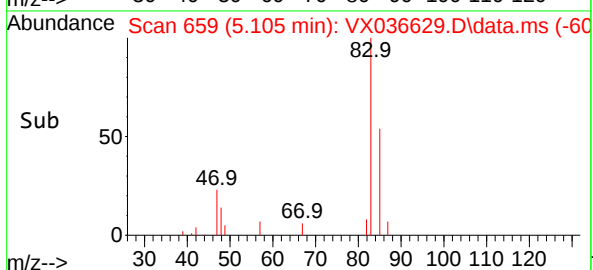
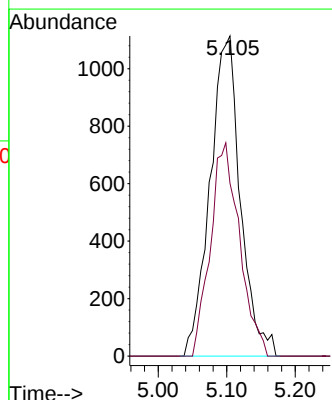
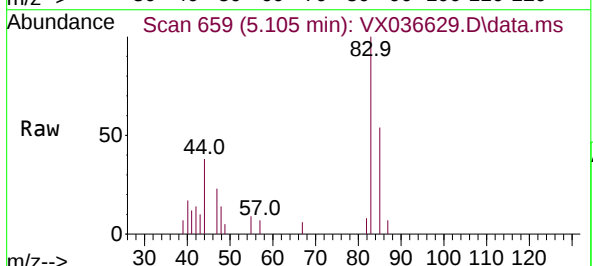
RT: 5.105 min Scan# 659

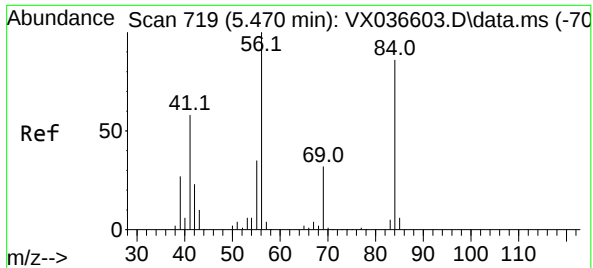
Delta R.T. 0.006 min

Lab File: VX036629.D

Acq: 24 Jul 2023 14:35

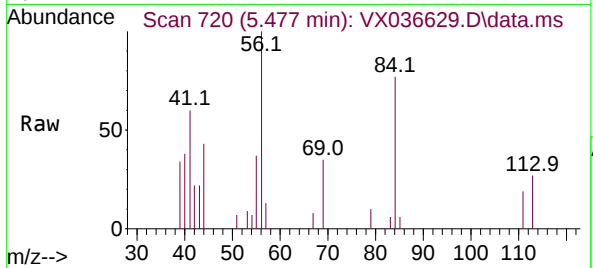
Tgt Ion: 83	Resp: 3424
Ion Ratio	Lower Upper
83 100	
85 54.0	50.3 75.5





#31
Cyclohexane
Concen: 0.833 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

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

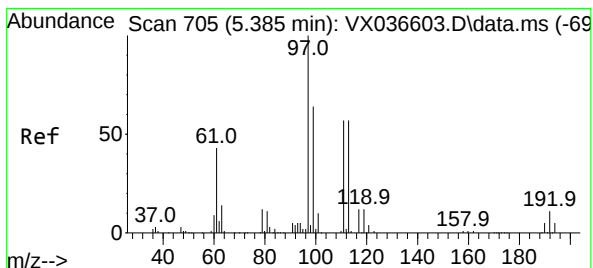
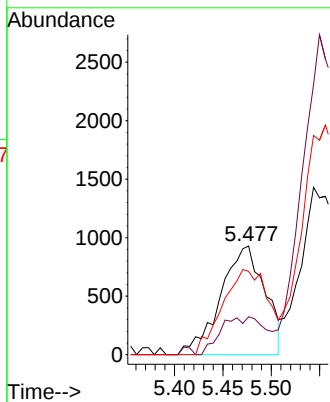
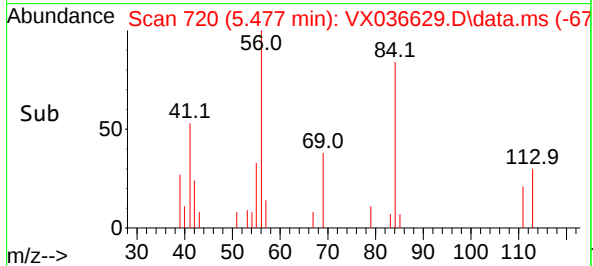


Tgt Ion: 56 Resp: 2961
Ion Ratio Lower Upper
56 100
69 34.9 23.4 35.2
84 76.7 65.9 98.9

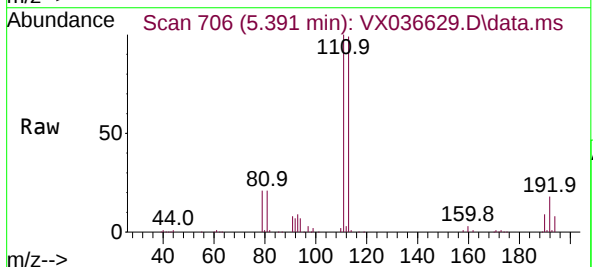
Manual Integrations
APPROVED

Reviewed By :John
Carlone
07/25/2023

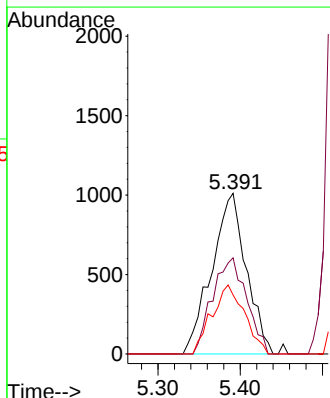
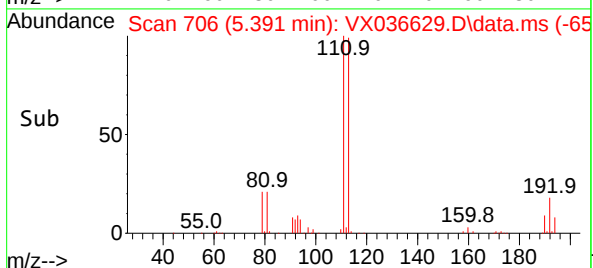
Supervised By :Mahesh
Dadoda
07/25/2023

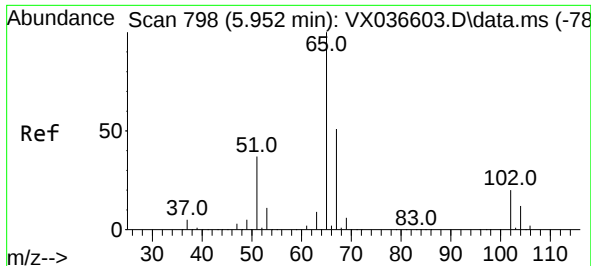


#32
1,1,1-Trichloroethane
Concen: 0.773 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35



Tgt Ion: 97 Resp: 2955
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 40.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 49.967 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036629.D

Acq: 24 Jul 2023 14:35

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion: 65 Resp: 128409

Ion Ratio Lower Upper

65 100

67 53.0 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John

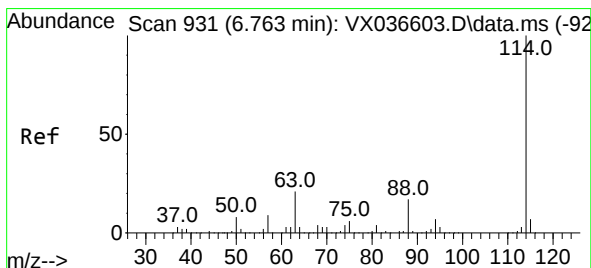
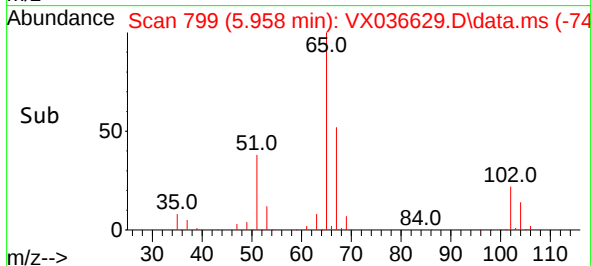
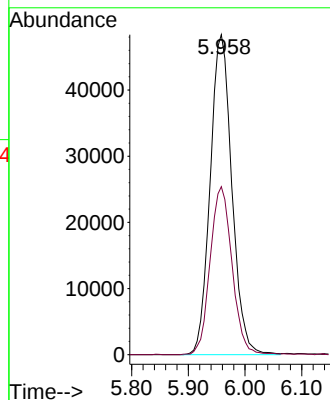
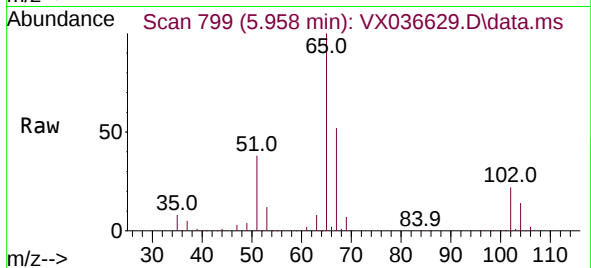
Carlone

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Supervised By :Mahesh

Dadoda

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036629.D

Acq: 24 Jul 2023 14:35

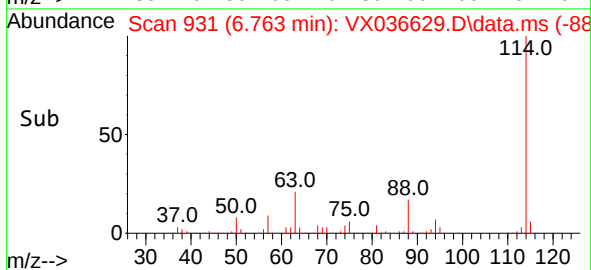
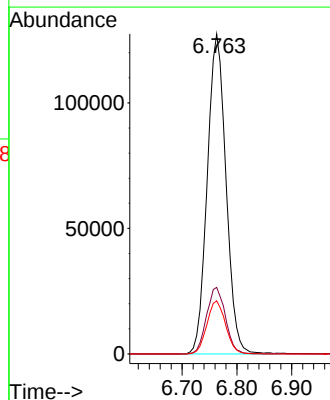
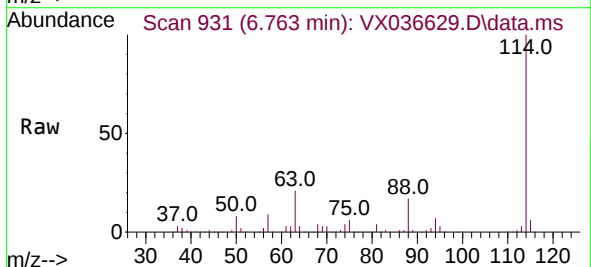
Tgt Ion:114 Resp: 301837

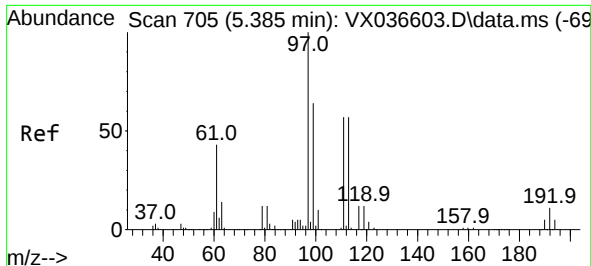
Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.0

88 16.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 49.604 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036629.D

Acq: 24 Jul 2023 14:35

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion:	113	Resp:	10291
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.9	124.3
192	18.1	13.3	19.9

Manual Integrations

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Reviewed By :John

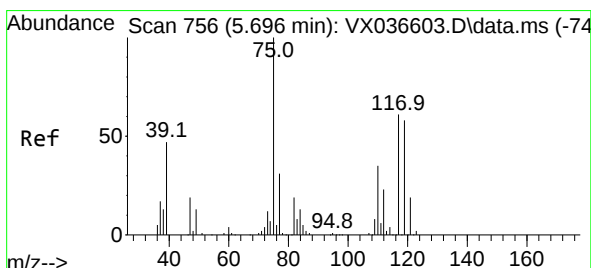
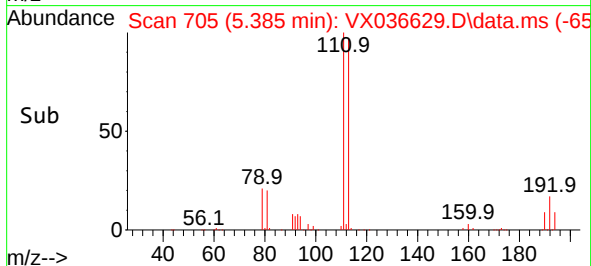
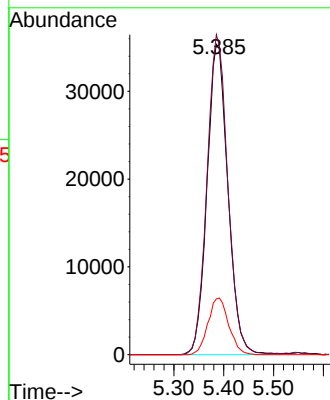
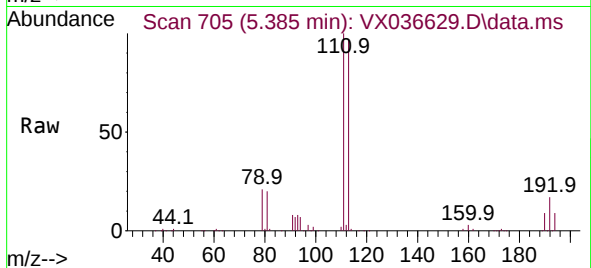
Carlone

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Dadoda

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#36

1,1-Dichloropropene

Concen: 0.719 ug/l

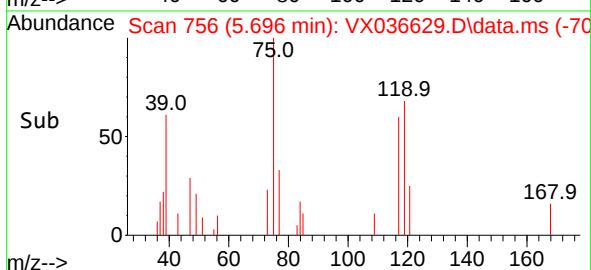
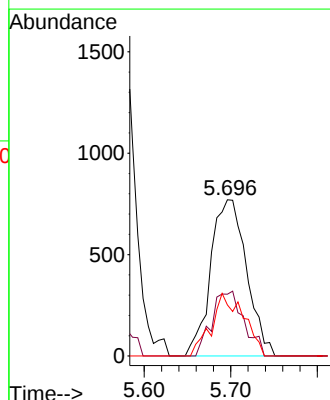
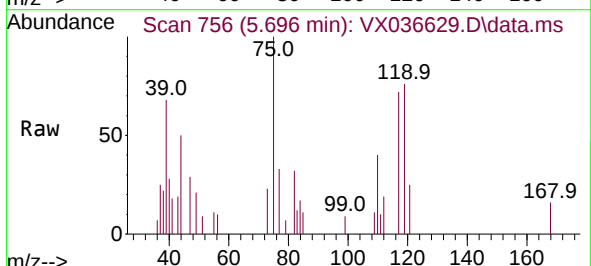
RT: 5.696 min Scan# 756

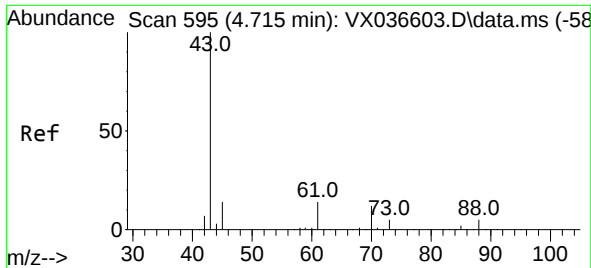
Delta R.T. 0.000 min

Lab File: VX036629.D

Acq: 24 Jul 2023 14:35

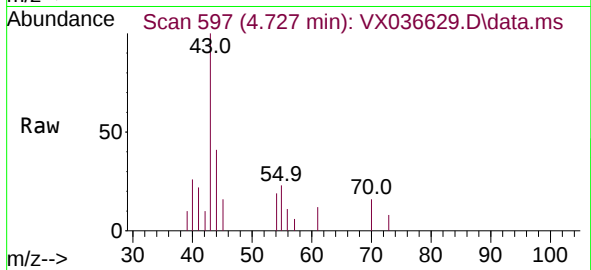
Tgt Ion:	75	Resp:	2223
Ion	Ratio	Lower	Upper
75	100		
110	37.0	17.0	50.9
77	36.1	24.7	37.1





#37
Ethyl Acetate
Concen: 0.713 ug/l
RT: 4.727 min Scan# 595
Delta R.T. 0.012 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

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

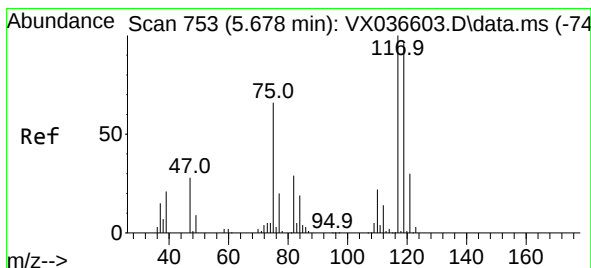
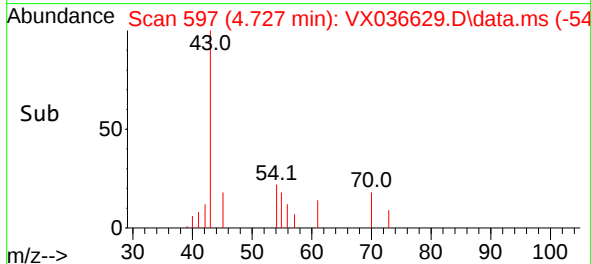
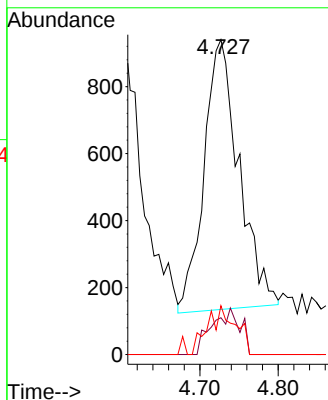


Tgt Ion: 43 Resp: 2494
Ion Ratio Lower Upper
43 100
61 13.8 10.6 16.0
70 14.6 8.3 12.5

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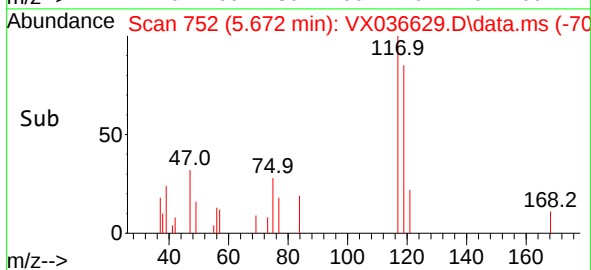
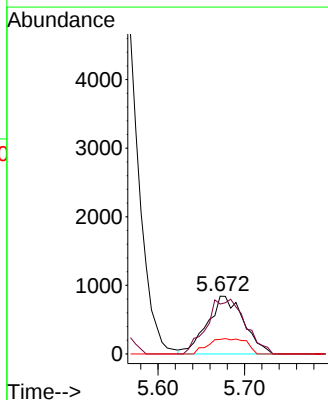
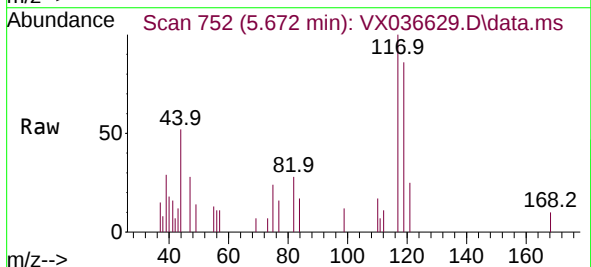
Reviewed By :John
Carlone
07/25/2023

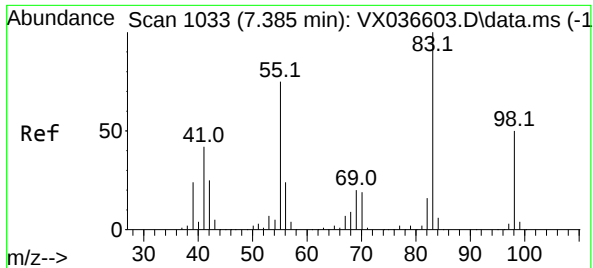
Supervised By :Mahesh
Dadoda
07/25/2023



#38
Carbon Tetrachloride
Concen: 0.750 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

Tgt Ion:117 Resp: 2464
Ion Ratio Lower Upper
117 100
119 86.5 78.2 117.2
121 25.3 24.4 36.6





#39

Methylcyclohexane

Concen: 0.740 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX036629.D

Acq: 24 Jul 2023 14:35

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion: 83 Resp: 2845

Ion	Ratio	Lower	Upper
83	100		
55	65.0	64.6	97.0
98	36.5	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John

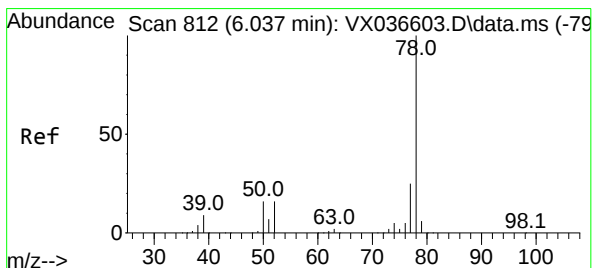
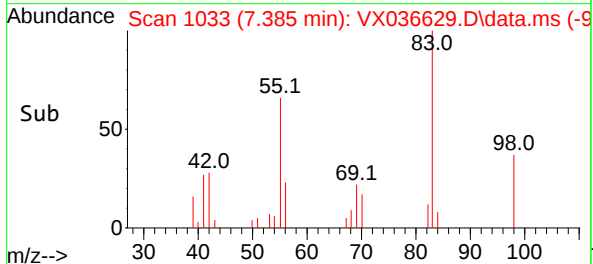
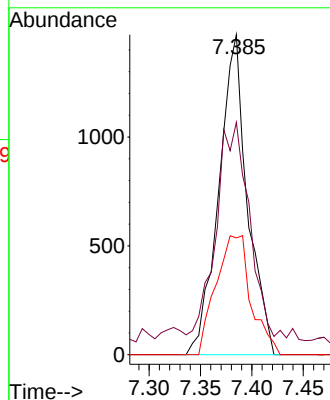
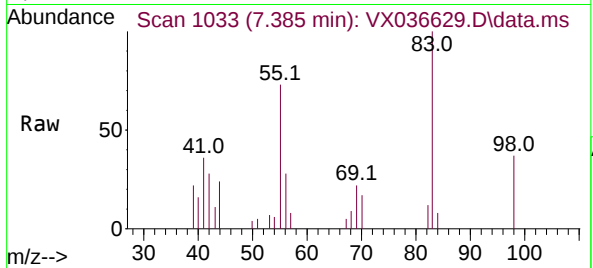
Carlone

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#40

Benzene

Concen: 0.731 ug/l

RT: 6.044 min Scan# 813

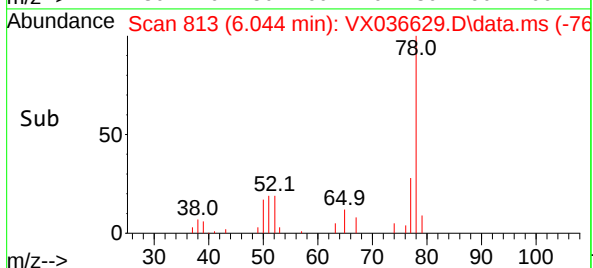
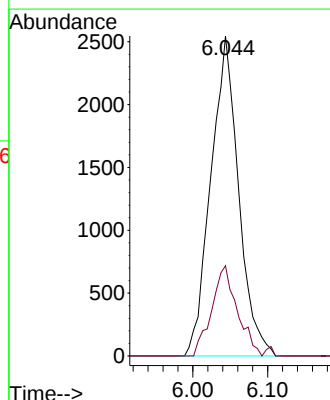
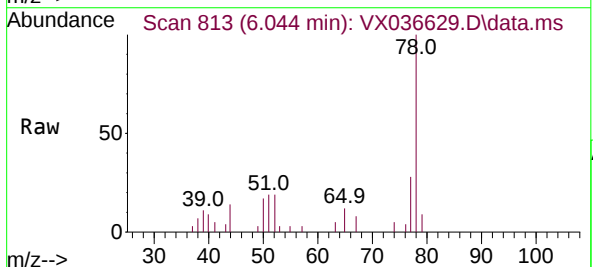
Delta R.T. 0.006 min

Lab File: VX036629.D

Acq: 24 Jul 2023 14:35

Tgt Ion: 78 Resp: 6575

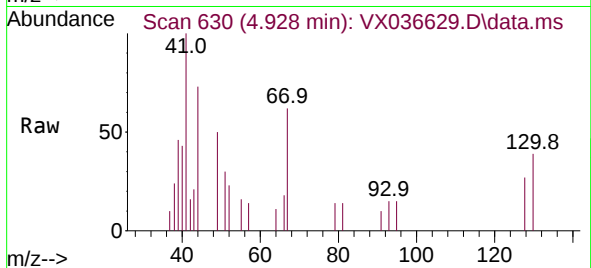
Ion	Ratio	Lower	Upper
78	100		
77	28.2	19.3	28.9





#41
Methacrylonitrile
Concen: 0.772 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

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

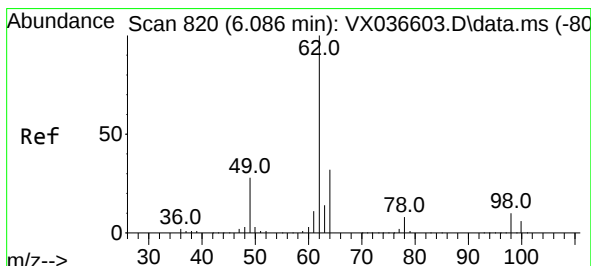
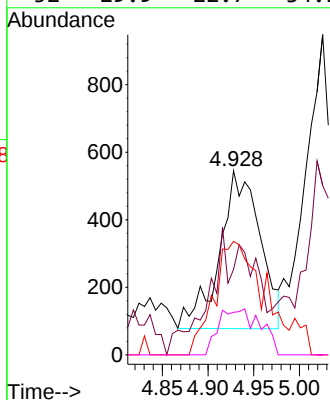
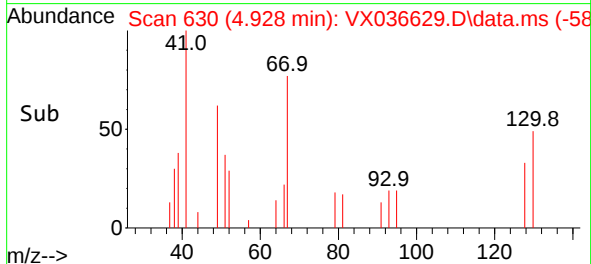


Tgt Ion: 41 Resp: 144
Ion Ratio Lower Upper
41 100
39 25.7 45.2 67.8
67 86.6 52.6 78.8
52 29.9 22.7 34.1

Manual Integrations
APPROVED

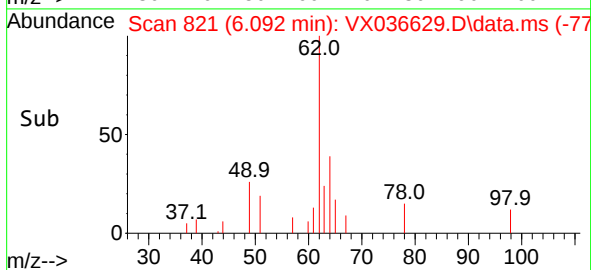
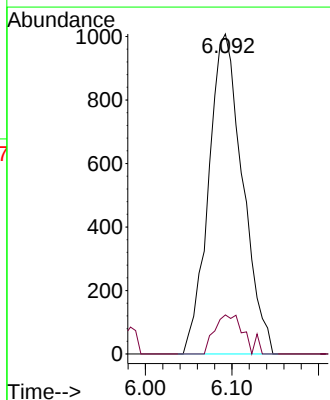
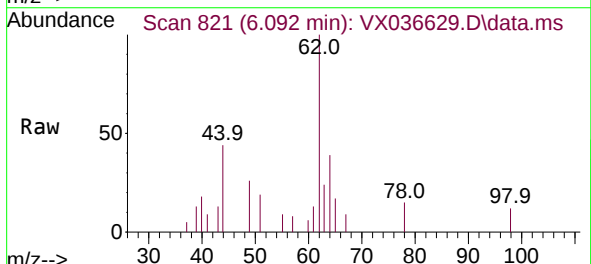
Reviewed By :John
Carlone
07/25/2023

Supervised By :Mahesh
Dadoda
07/25/2023



#42
1,2-Dichloroethane
Concen: 0.836 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

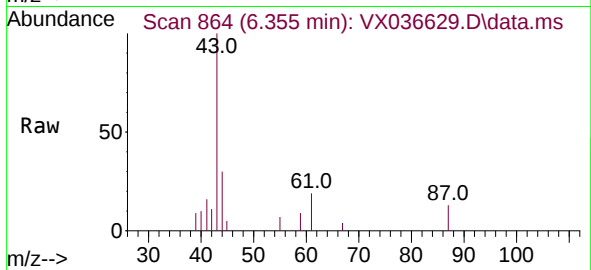
Tgt Ion: 62 Resp: 2749
Ion Ratio Lower Upper
62 100
98 10.6 0.0 16.0





#43
Isopropyl Acetate
Concen: 0.771 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.012 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

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

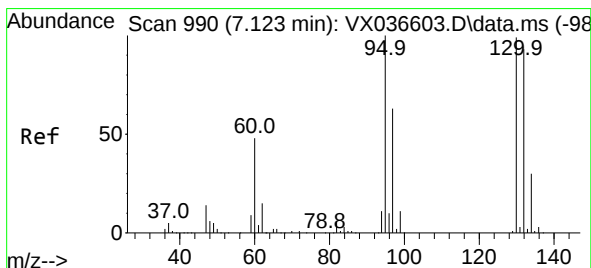
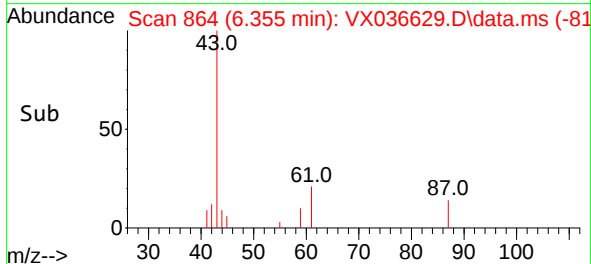
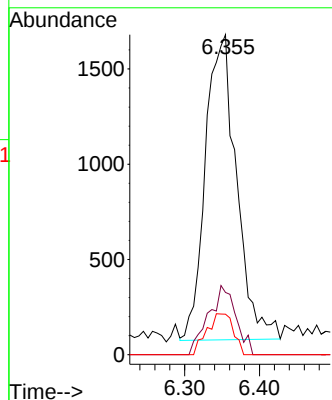


Tgt Ion: 43 Resp: 4640
Ion Ratio Lower Upper
43 100
61 20.0 15.2 22.8
87 11.4 9.8 14.6

Manual Integrations
APPROVED

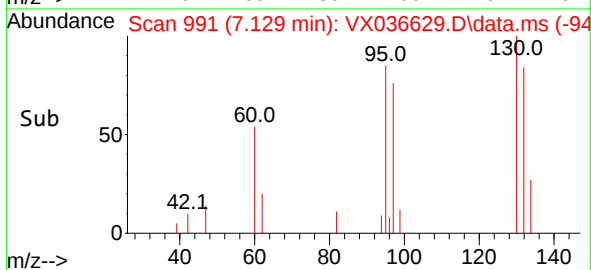
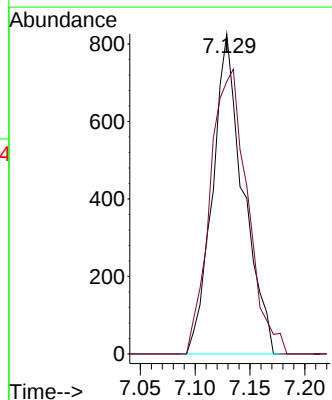
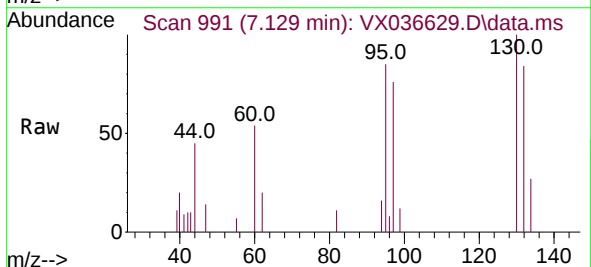
Reviewed By :John
Carlone
07/25/2023

Supervised By :Mahesh
Dadoda
07/25/2023



#44
Trichloroethene
Concen: 0.685 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

Tgt Ion:130 Resp: 1611
Ion Ratio Lower Upper
130 100
95 85.1 0.0 204.4





#45

1,2-Dichloropropane

Concen: 0.706 ug/l

RT: 7.440 min Scan# 1042

Delta R.T. 0.012 min

Lab File: VX036629.D

Acq: 24 Jul 2023 14:35

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion: 63 Resp: 1690
 Ion Ratio Lower Upper
 63 100
 65 26.5 24.3 36.5

Manual Integrations
 APPROVED

Reviewed By :John

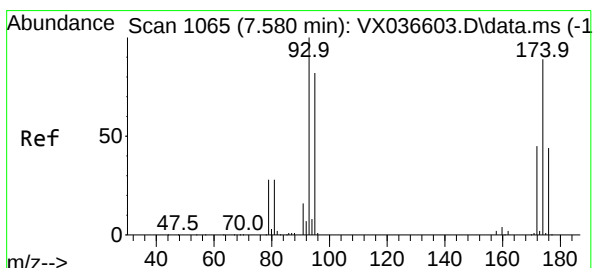
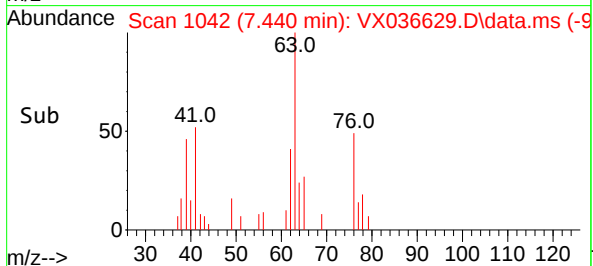
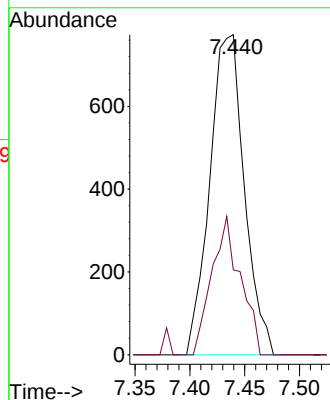
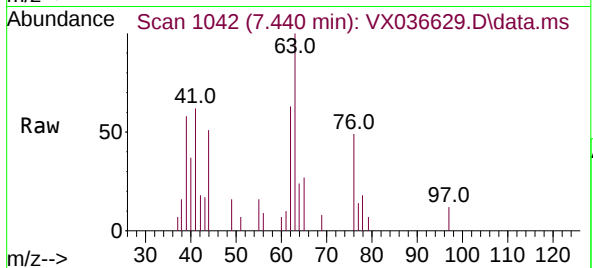
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#46

Dibromomethane

Concen: 0.778 ug/l

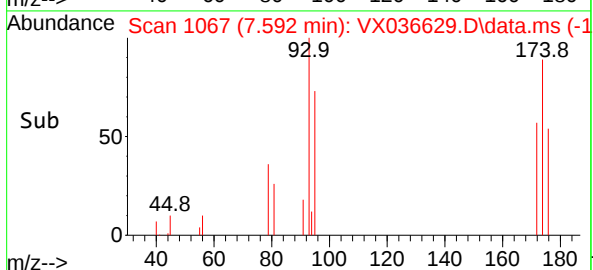
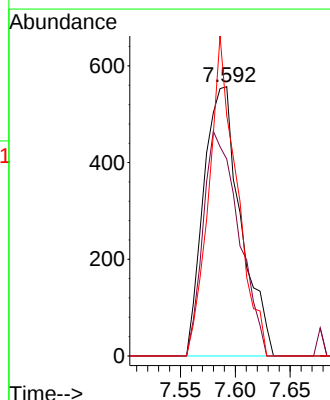
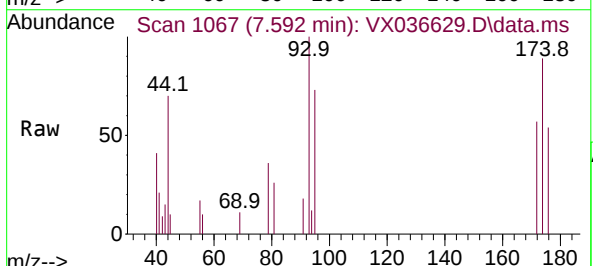
RT: 7.592 min Scan# 1067

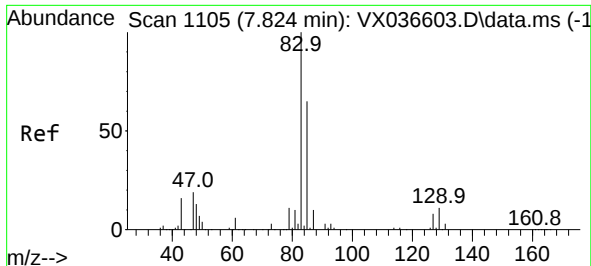
Delta R.T. 0.012 min

Lab File: VX036629.D

Acq: 24 Jul 2023 14:35

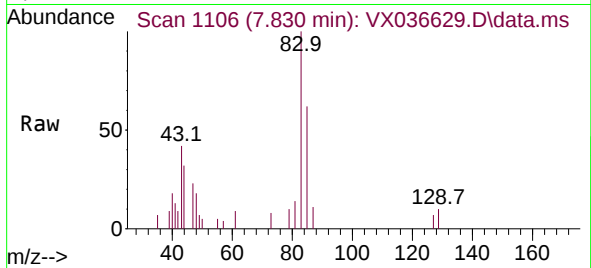
Tgt Ion: 93 Resp: 1308
 Ion Ratio Lower Upper
 93 100
 95 80.1 66.6 100.0
 174 89.6 69.4 104.0





#47
Bromodichloromethane
Concen: 0.756 ug/l
RT: 7.830 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

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

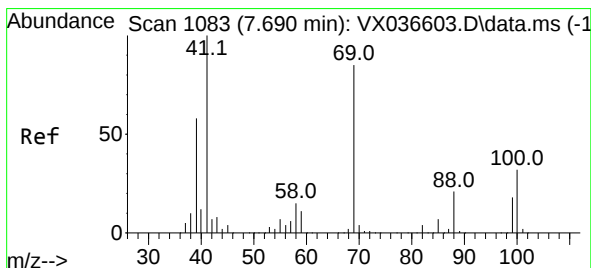
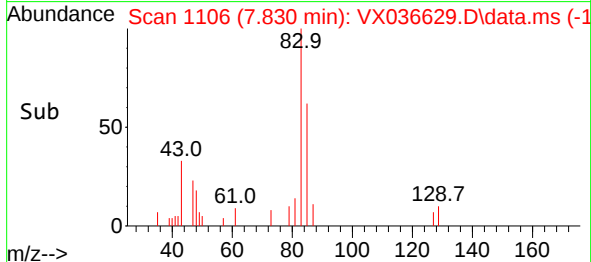
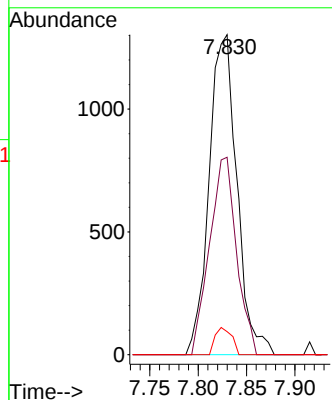


Tgt Ion: 83 Resp: 2610
Ion Ratio Lower Upper
83 100
85 61.7 49.8 74.6
127 7.2 7.1 10.7

Manual Integrations
APPROVED

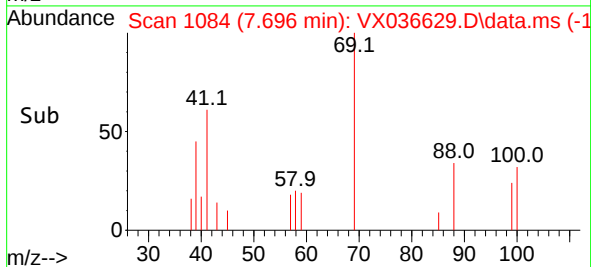
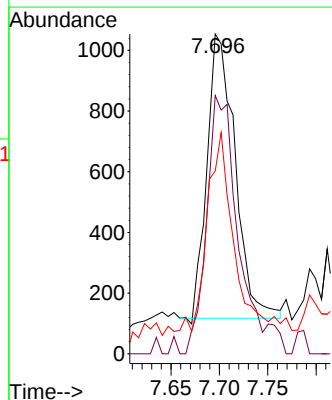
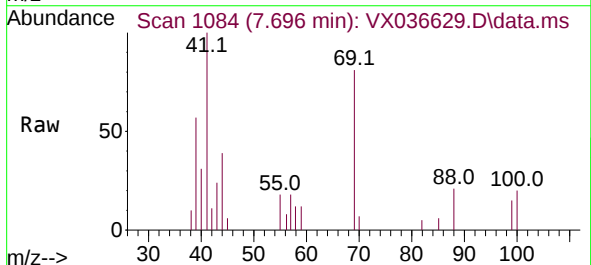
Reviewed By :John
Carlone
07/25/2023

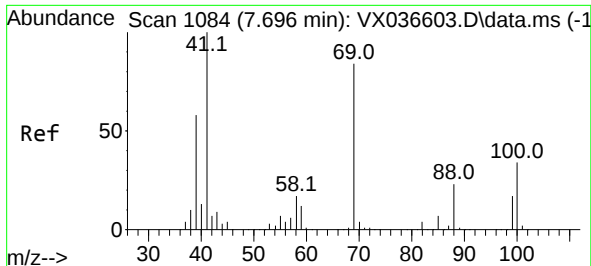
Supervised By :Mahesh
Dadoda
07/25/2023



#48
Methyl methacrylate
Concen: 0.673 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

Tgt Ion: 41 Resp: 1887
Ion Ratio Lower Upper
41 100
69 103.3 59.2 88.8#
39 62.9 47.7 71.5





#49

1,4-Dioxane

Concen: 13.798 ug/l

RT: 7.714 min Scan# 1087

Delta R.T. 0.018 min

Lab File: VX036629.D

Acq: 24 Jul 2023 14:35

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion: 88 Resp: 78

Ion	Ratio	Lower	Upper
88	100		
43	16.0	0.0	0.0
58	77.8	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John

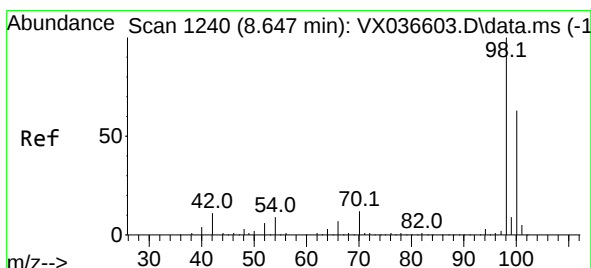
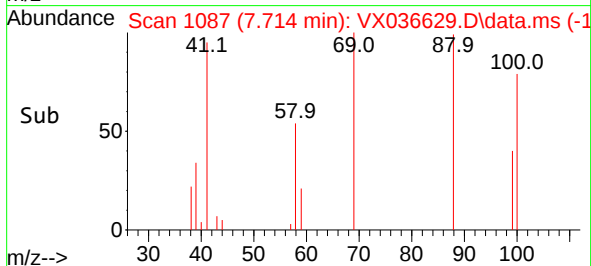
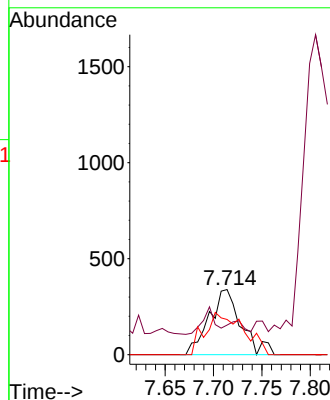
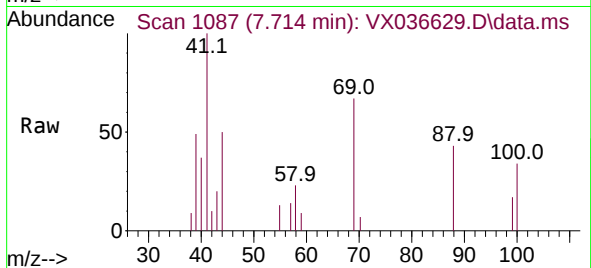
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#50

Toluene-d8

Concen: 49.469 ug/l

RT: 8.647 min Scan# 1240

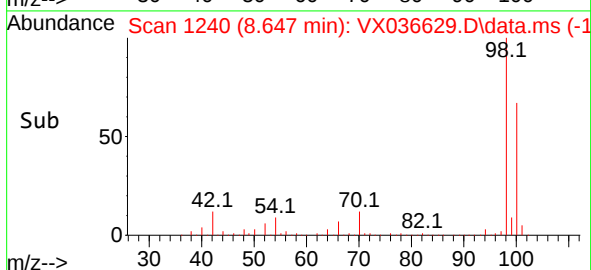
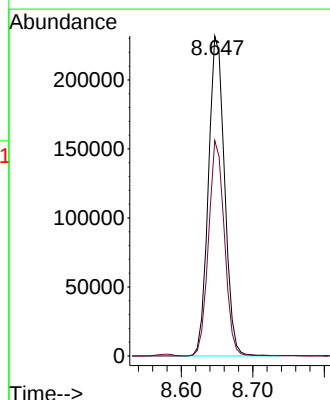
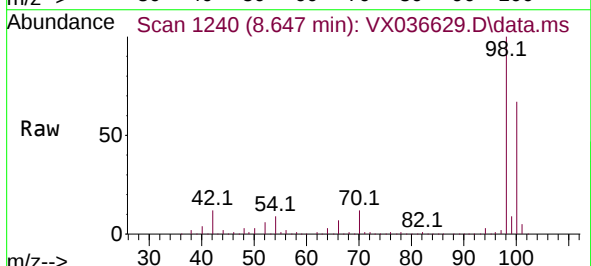
Delta R.T. 0.000 min

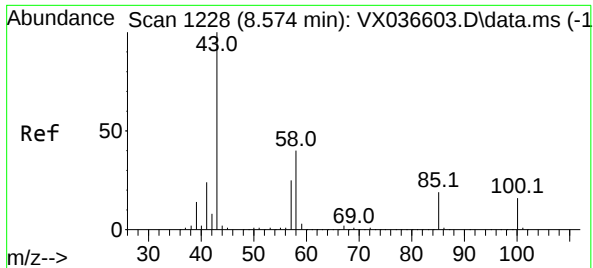
Lab File: VX036629.D

Acq: 24 Jul 2023 14:35

Tgt Ion: 98 Resp: 363957

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.1	79.7





#51
4-Methyl-2-Pentanone
Concen: 3.918 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

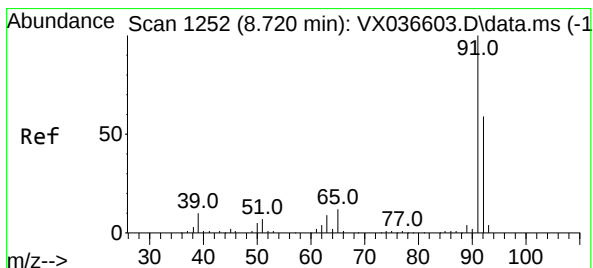
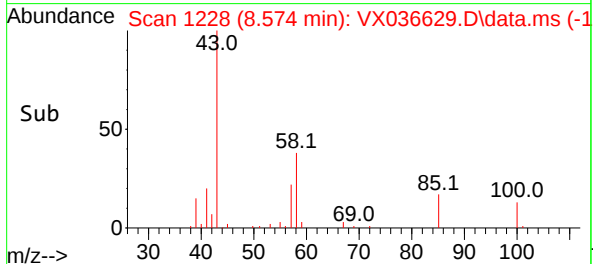
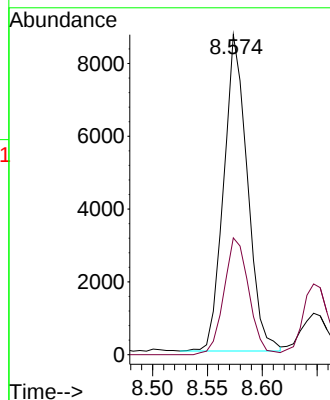
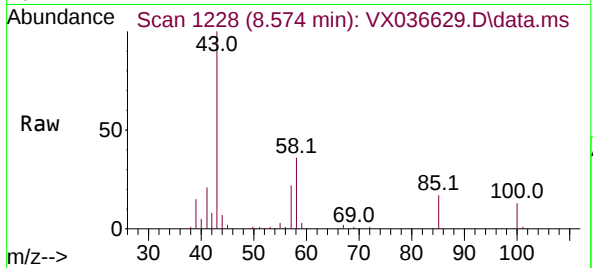
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023

Tgt Ion: 43 Resp: 1306
Ion Ratio Lower Upper
43 100
58 38.7 30.4 45.6

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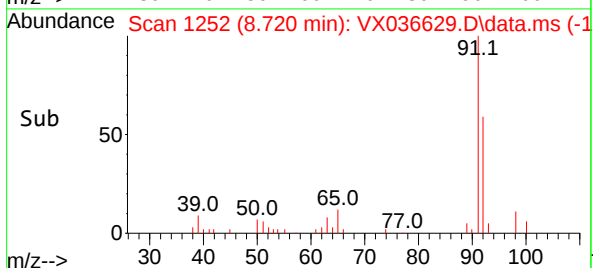
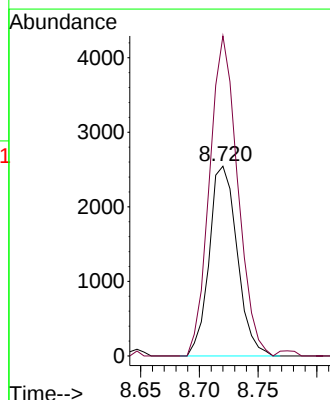
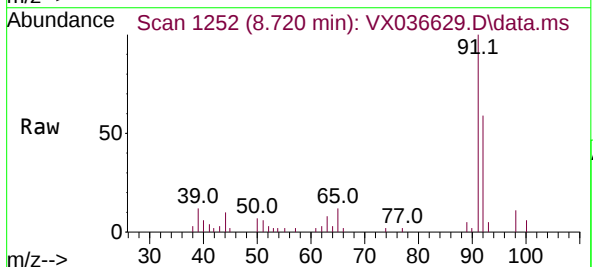
Reviewed By :John
Carlone
07/25/2023

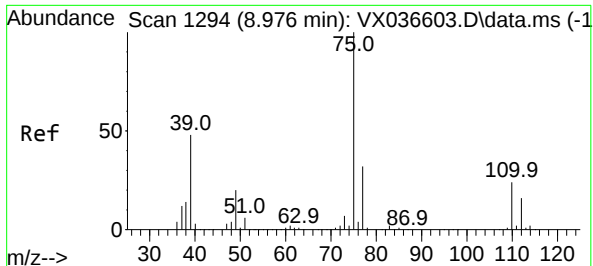
Supervised By :Mahesh
Dadoda
07/25/2023



#52
Toluene
Concen: 0.747 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

Tgt Ion: 92 Resp: 4212
Ion Ratio Lower Upper
92 100
91 169.9 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 0.683 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX036629.D

Acq: 24 Jul 2023 14:35

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion: 75 Resp: 266

Ion Ratio Lower Upper

75 100

77 34.7 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John

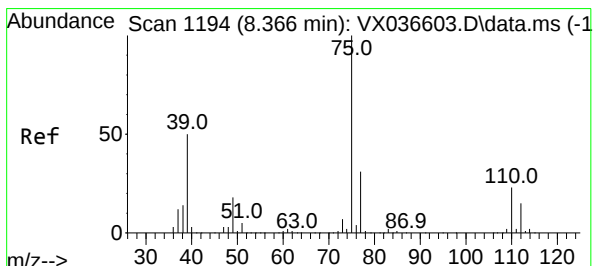
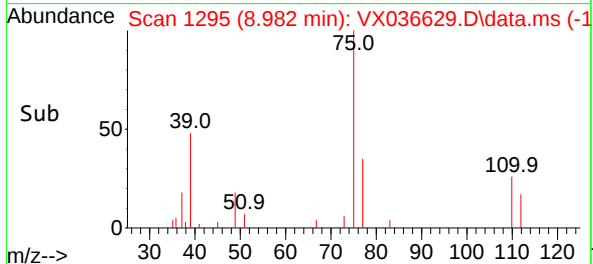
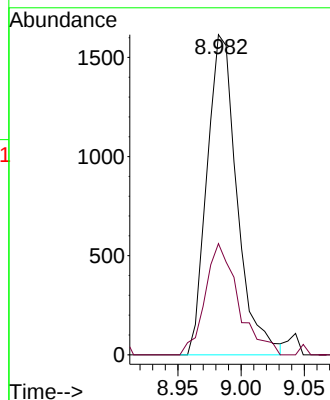
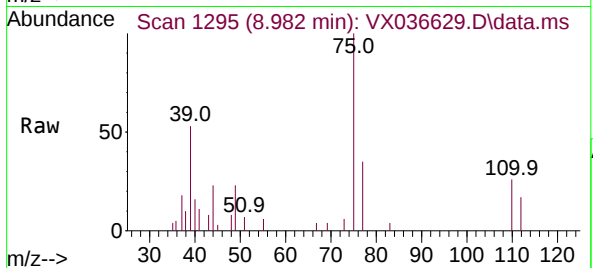
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#54

cis-1,3-Dichloropropene

Concen: 0.700 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX036629.D

Acq: 24 Jul 2023 14:35

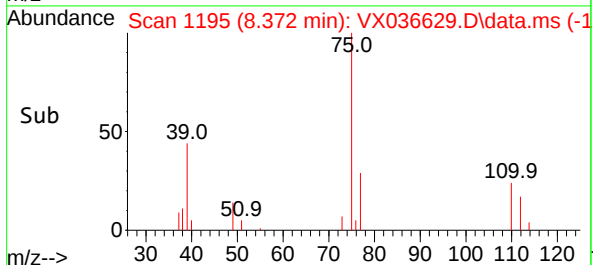
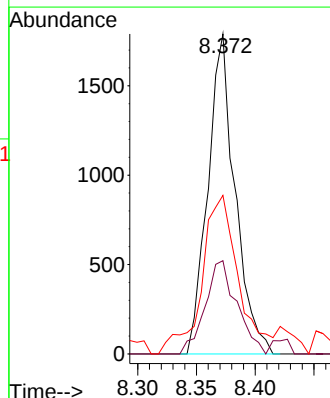
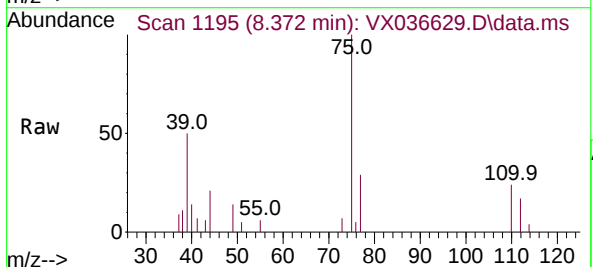
Tgt Ion: 75 Resp: 2881

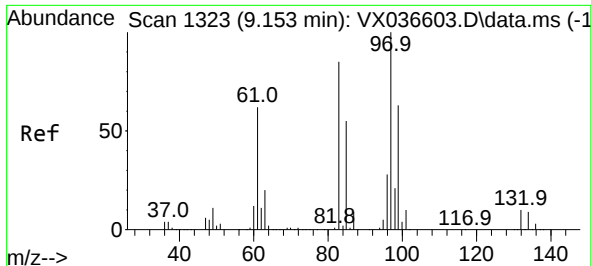
Ion Ratio Lower Upper

75 100

77 29.2 25.3 37.9

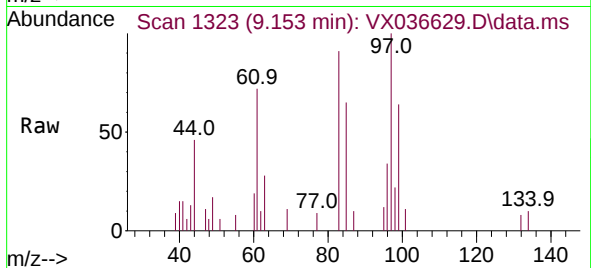
39 43.6 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 0.727 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

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



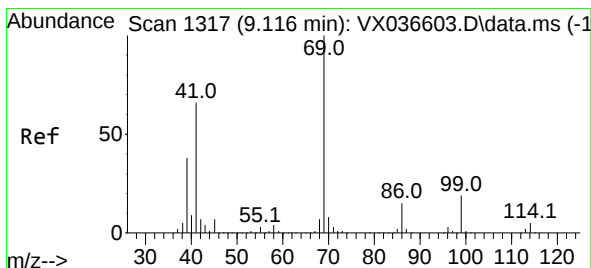
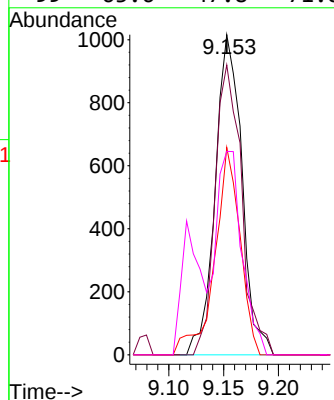
Tgt Ion: 97 Resp: 172

Ion	Ratio	Lower	Upper
97	100		
83	90.6	65.8	98.8
85	64.8	41.6	62.4
99	63.6	47.8	71.8

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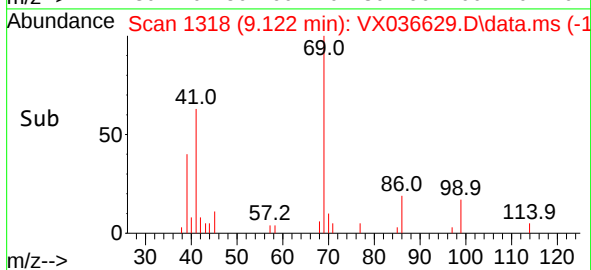
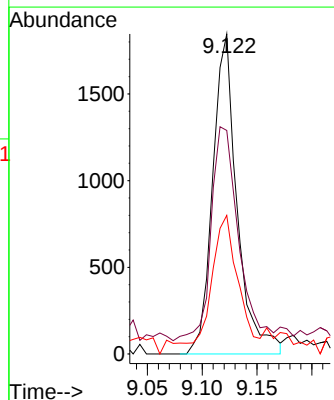
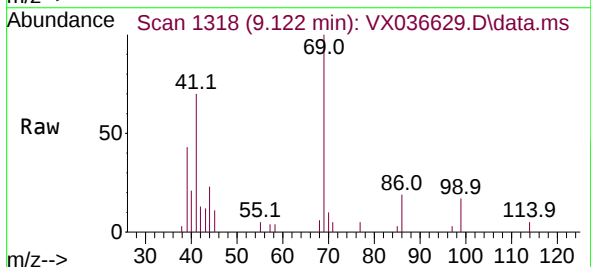
Supervised By :Mahesh
Dadoda
07/25/2023

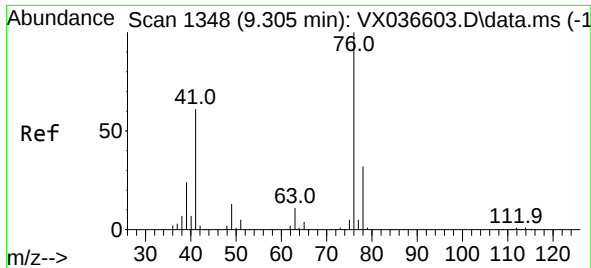


#56
Ethyl methacrylate
Concen: 0.741 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

Tgt Ion: 69 Resp: 2859

Ion	Ratio	Lower	Upper
69	100		
41	74.2	56.8	85.2
39	39.1	32.0	48.0





#57
1,3-Dichloropropane
Concen: 0.722 ug/l
RT: 9.311 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

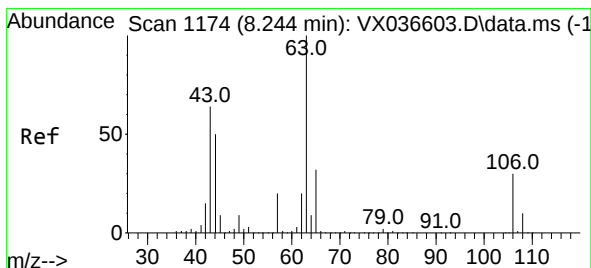
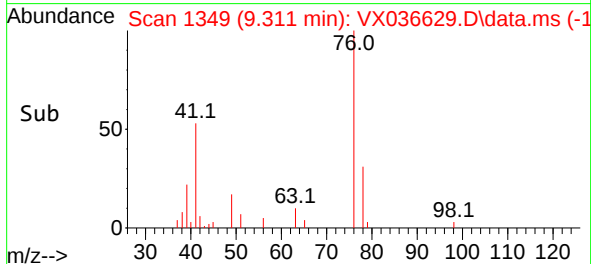
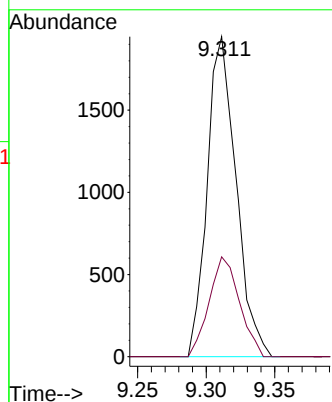
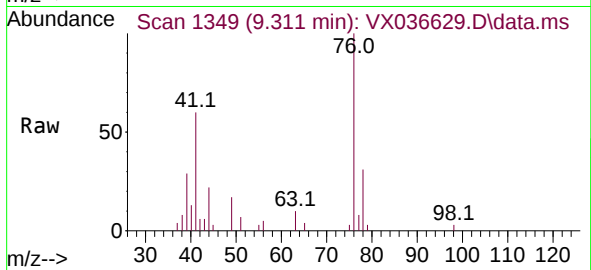
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT3-2023

Tgt Ion: 76 Resp: 284
Ion Ratio Lower Upper
76 100
78 32.9 26.1 39.1

Manual Integrations
APPROVED

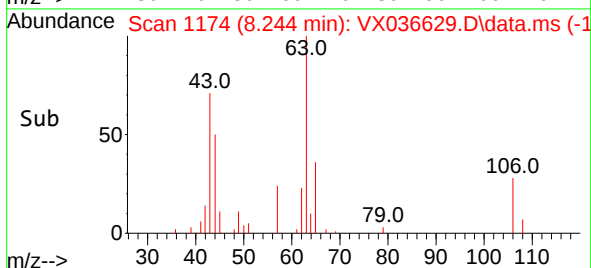
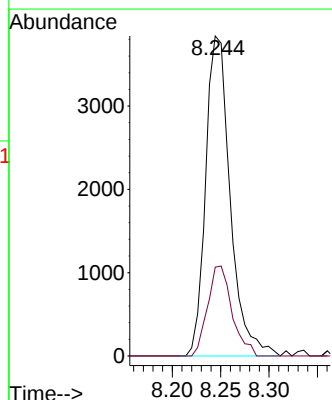
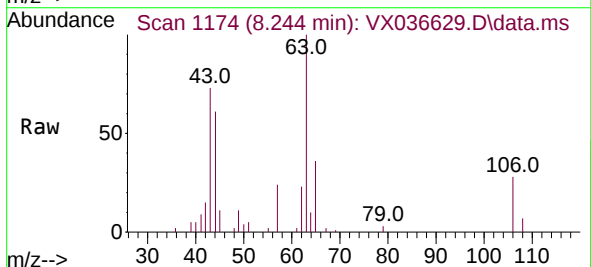
Reviewed By :John
Carlone
07/25/2023

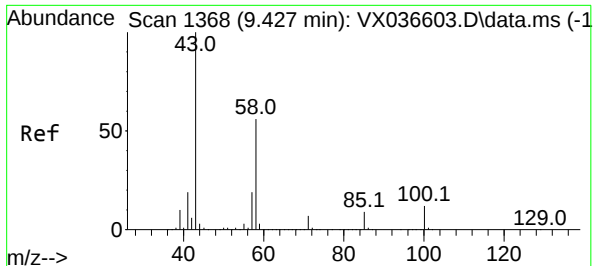
Supervised By :Mahesh
Dadoda
07/25/2023



#58
2-Chloroethyl Vinyl ether
Concen: 3.578 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

Tgt Ion: 63 Resp: 6802
Ion Ratio Lower Upper
63 100
106 27.8 22.5 33.7





#59

2-Hexanone

Concen: 3.704 ug/l

RT: 9.433 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX036629.D

Acq: 24 Jul 2023 14:35

Instrument :

MSVOA_X

ClientSampleId :

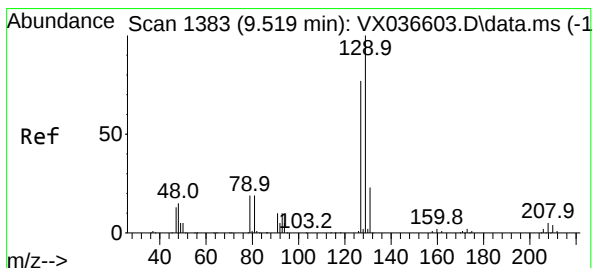
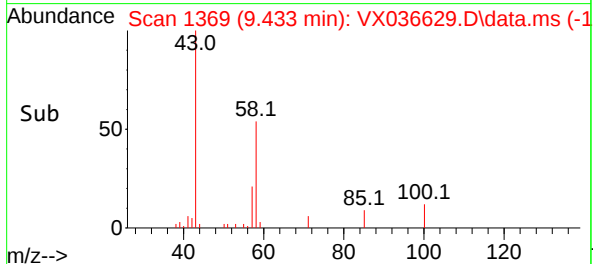
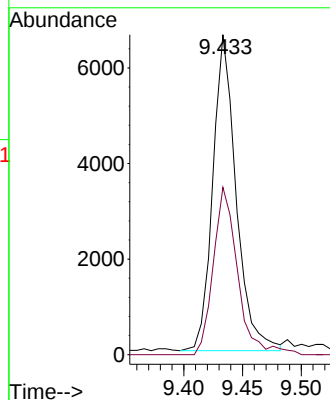
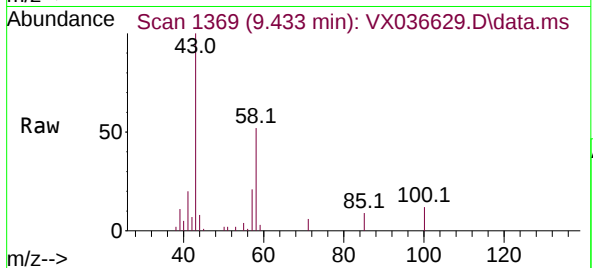
MDL-WATER-03-QT3-2023

Tgt Ion: 43 Resp: 916
 Ion Ratio Lower Upper
 43 100
 58 55.1 26.2 78.5

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone
 07/25/2023

Supervised By :Mahesh
 Dadoda
 07/25/2023



#60

Dibromochloromethane

Concen: 0.691 ug/l

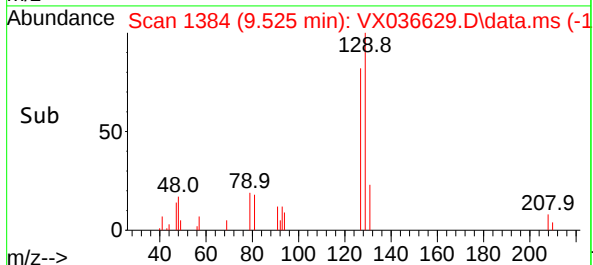
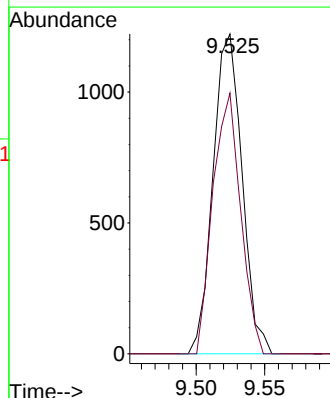
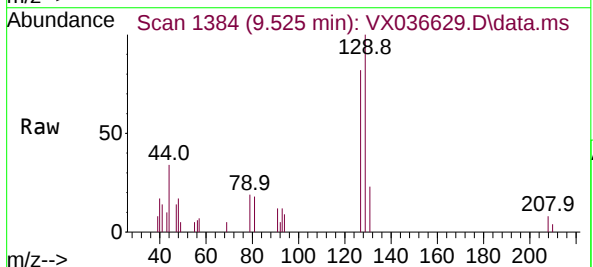
RT: 9.525 min Scan# 1384

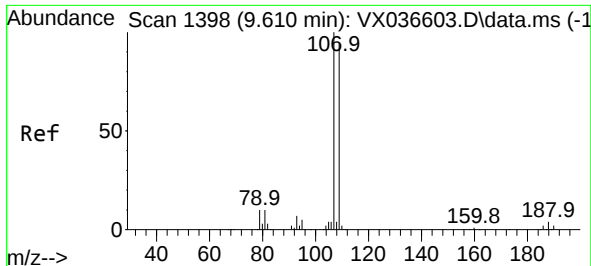
Delta R.T. 0.006 min

Lab File: VX036629.D

Acq: 24 Jul 2023 14:35

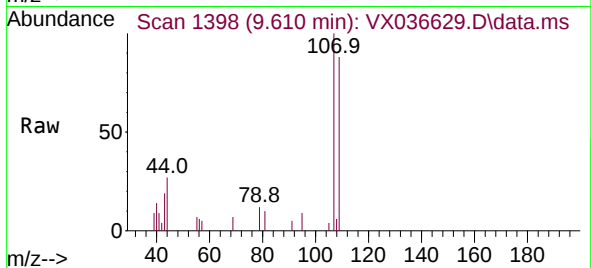
Tgt Ion:129 Resp: 1800
 Ion Ratio Lower Upper
 129 100
 127 77.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 0.742 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

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

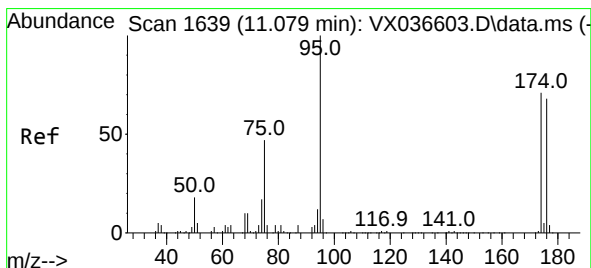
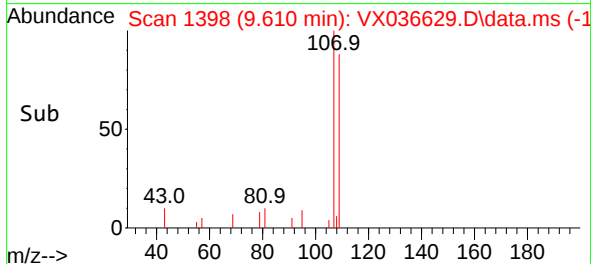
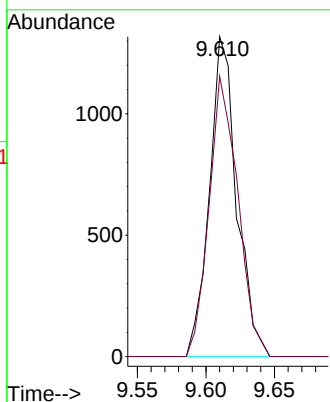


Tgt Ion: 107 Resp: 182
Ion Ratio Lower Upper
107 100
109 92.8 75.2 112.8

Manual Integrations
APPROVED

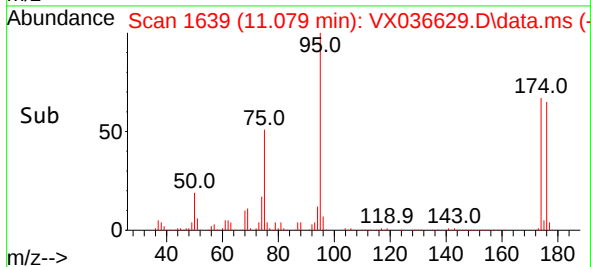
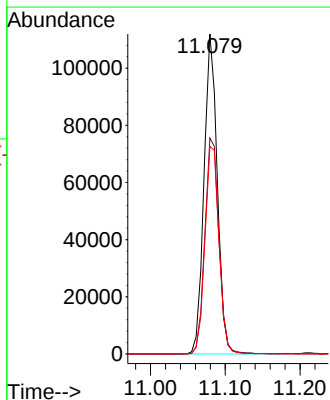
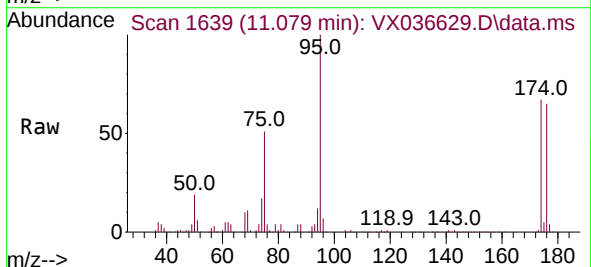
Reviewed By :John
Carlone
07/25/2023

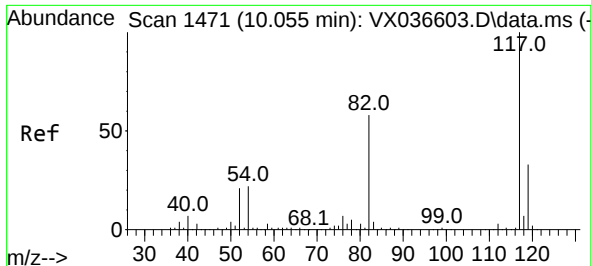
Supervised By :Mahesh
Dadoda
07/25/2023



#62
4-Bromofluorobenzene
Concen: 49.817 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

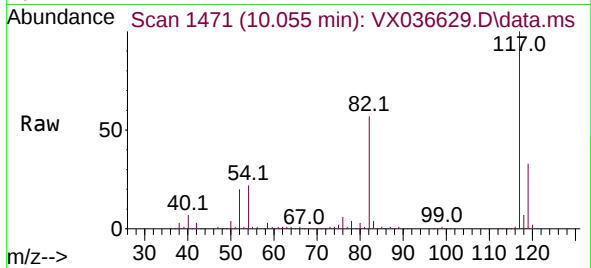
Tgt Ion: 95 Resp: 138280
Ion Ratio Lower Upper
95 100
174 71.4 0.0 135.6
176 68.9 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

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

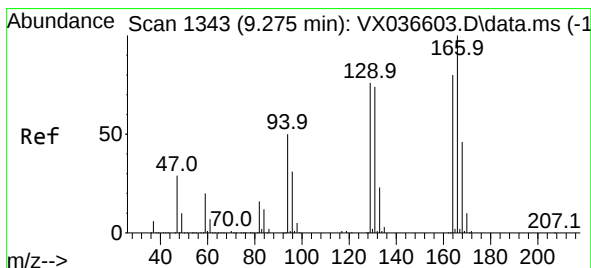
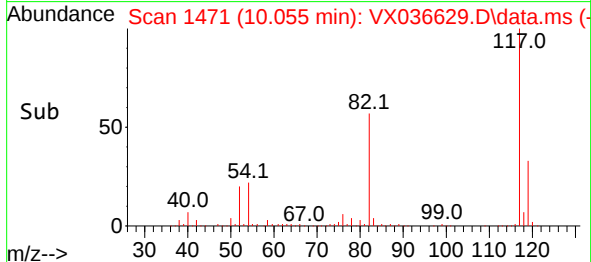
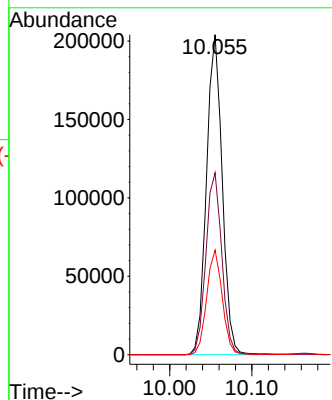


Tgt Ion:117 Resp: 27155
Ion Ratio Lower Upper
117 100
82 56.9 46.2 69.4
119 32.7 25.5 38.3

Manual Integrations
APPROVED

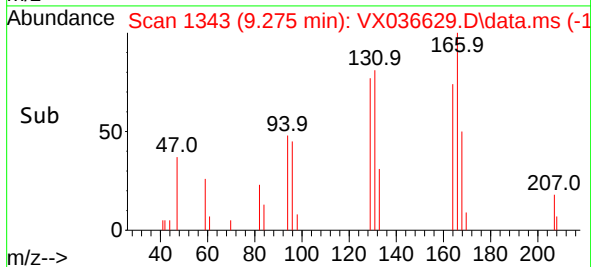
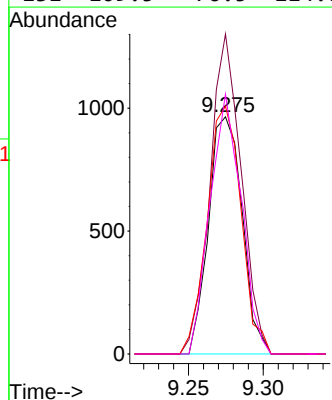
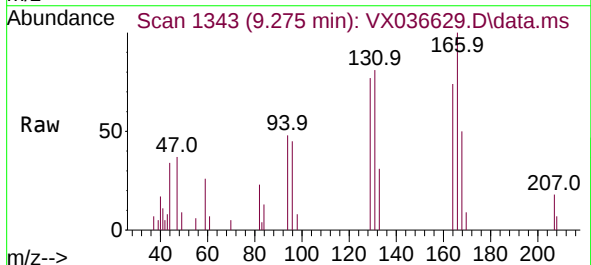
Reviewed By :John
Carlone
07/25/2023

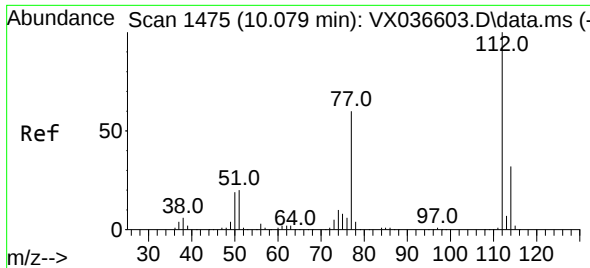
Supervised By :Mahesh
Dadoda
07/25/2023



#64
Tetrachloroethene
Concen: 0.743 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

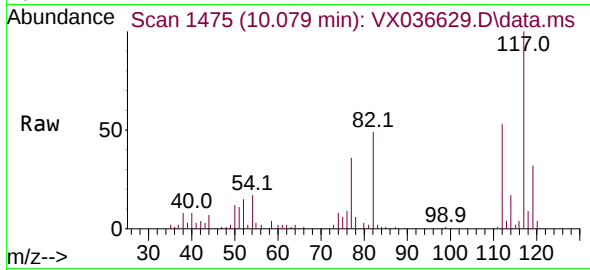
Tgt Ion:164 Resp: 1505
Ion Ratio Lower Upper
164 100
166 134.9 102.7 154.1
129 104.5 80.4 120.6
131 109.5 76.5 114.7





#65
Chlorobenzene
Concen: 0.737 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

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

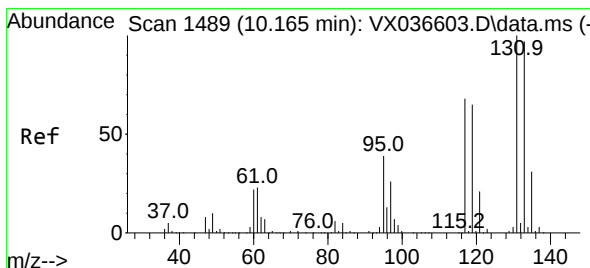
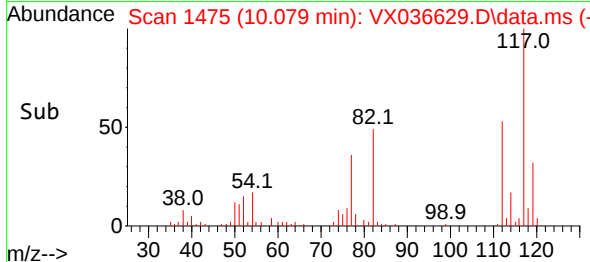
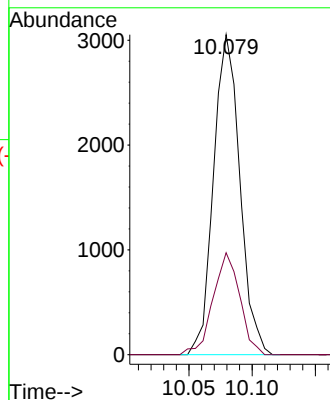


Tgt Ion:112 Resp: 441
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

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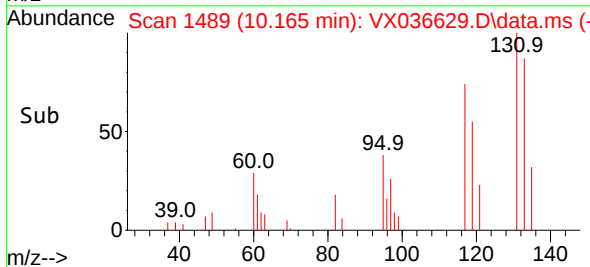
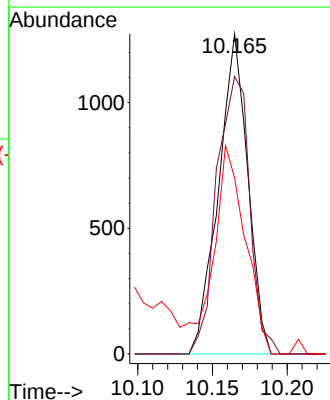
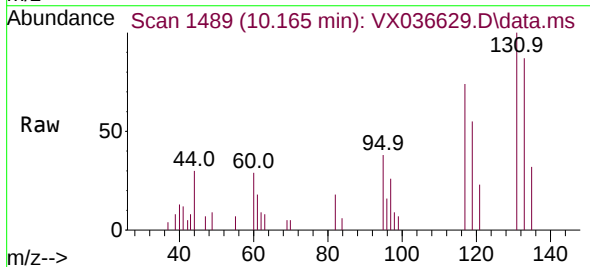
Reviewed By :John
Carlone
07/25/2023

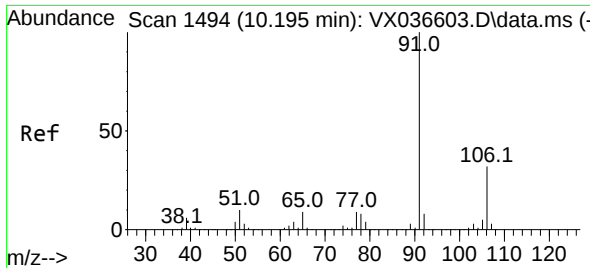
Supervised By :Mahesh
Dadoda
07/25/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 0.749 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

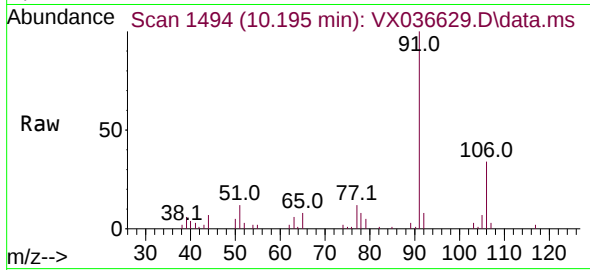
Tgt Ion:131 Resp: 1734
Ion Ratio Lower Upper
131 100
133 97.5 47.1 141.4
119 0.0 32.2 96.6#





#67
Ethyl Benzene
Concen: 0.734 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

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

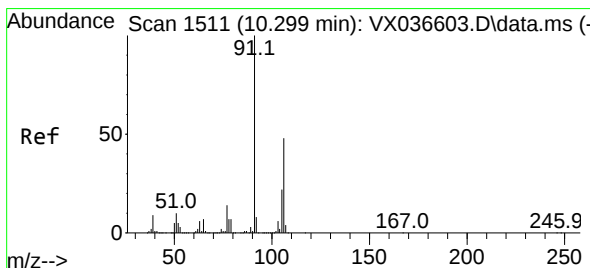
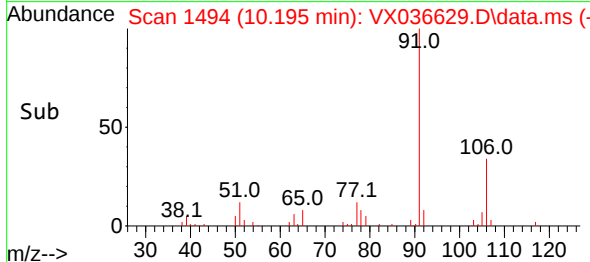
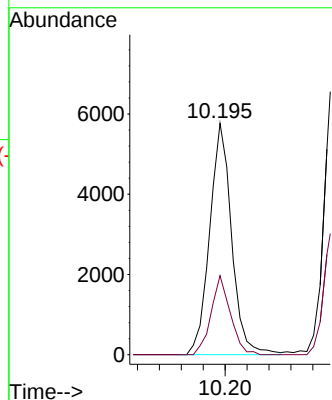


Tgt Ion: 91 Resp: 802
Ion Ratio Lower Upper
91 100
106 34.2 24.9 37.3

Manual Integrations
APPROVED

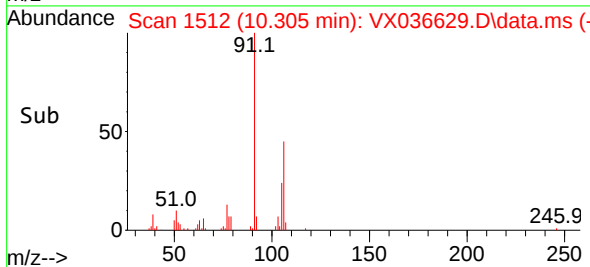
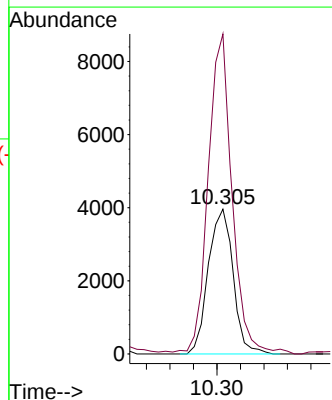
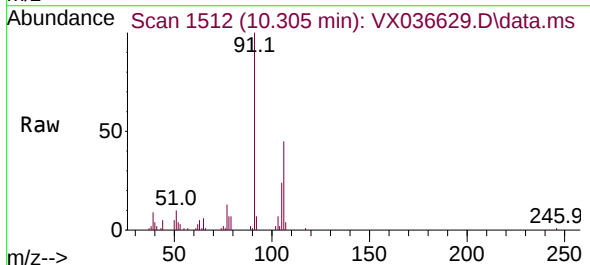
Reviewed By :John
Carlone
07/25/2023

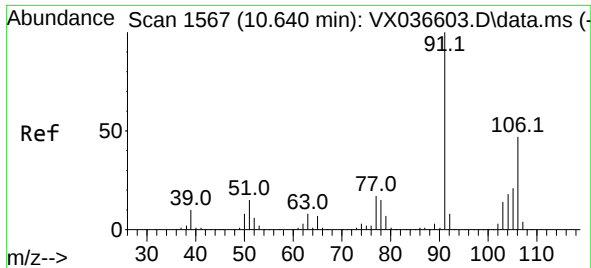
Supervised By :Mahesh
Dadoda
07/25/2023



#68
m/p-Xylenes
Concen: 1.424 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

Tgt Ion:106 Resp: 5810
Ion Ratio Lower Upper
106 100
91 213.1 165.5 248.3





#69
o-Xylene
Concen: 0.738 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

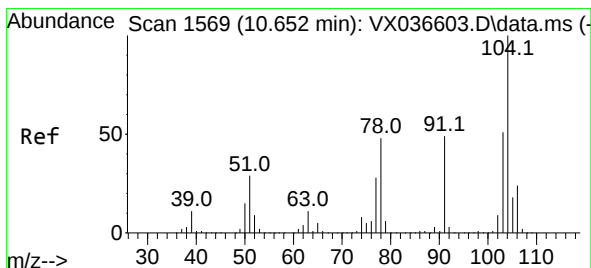
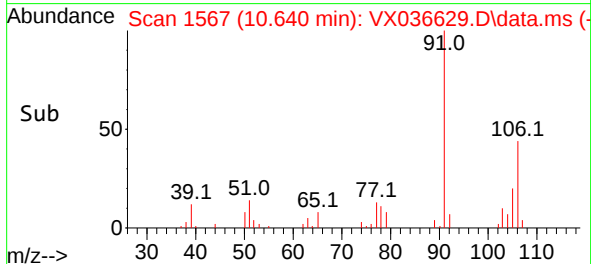
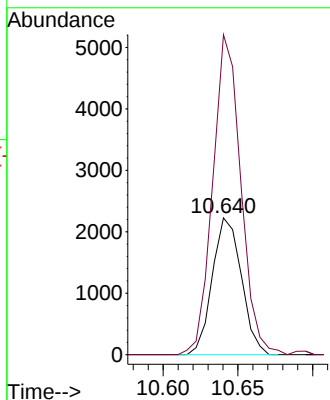
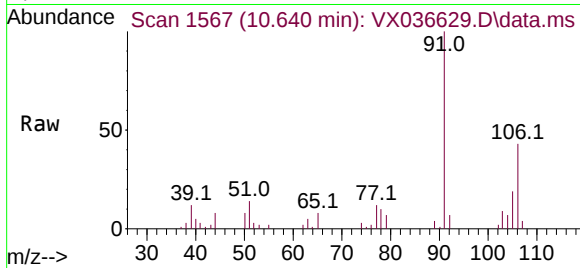
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023

Tgt Ion:106 Resp: 3000
Ion Ratio Lower Upper
106 100
91 226.0 108.9 326.8

Manual Integrations
APPROVED

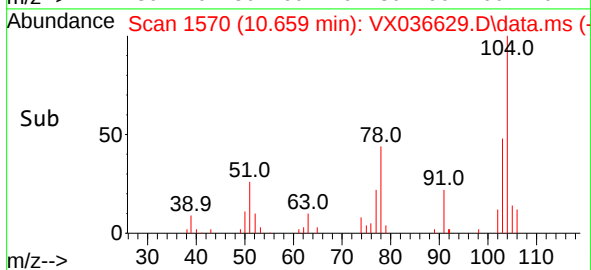
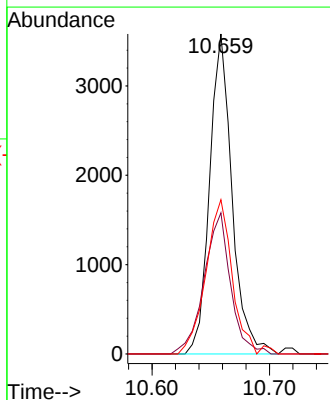
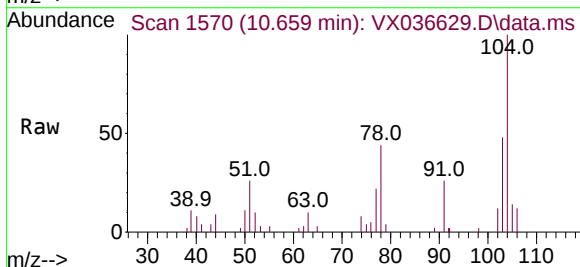
Reviewed By :John
Carlone
07/25/2023

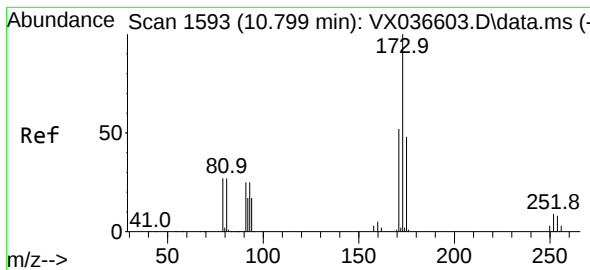
Supervised By :Mahesh
Dadoda
07/25/2023



#70
Styrene
Concen: 0.707 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

Tgt Ion:104 Resp: 4748
Ion Ratio Lower Upper
104 100
78 52.1 43.6 65.4
103 57.5 43.6 65.4





#71

Bromoform

Concen: 0.744 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX036629.D

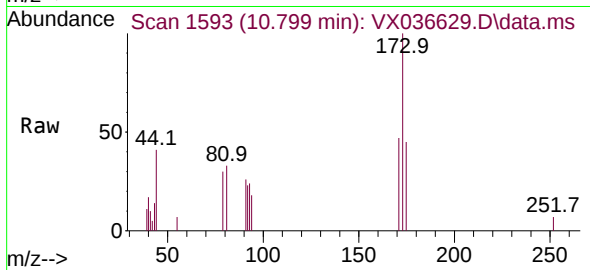
Acq: 24 Jul 2023 14:35

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023



Tgt Ion:173 Resp: 139

Ion Ratio Lower Upper

173 100

175 42.6 24.1 72.4

254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John

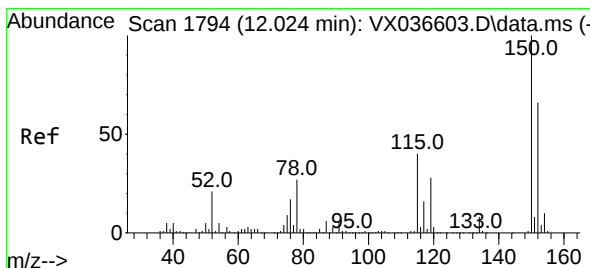
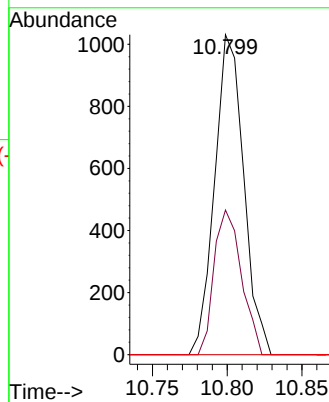
Carlone

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: VX036629.D

Acq: 24 Jul 2023 14:35

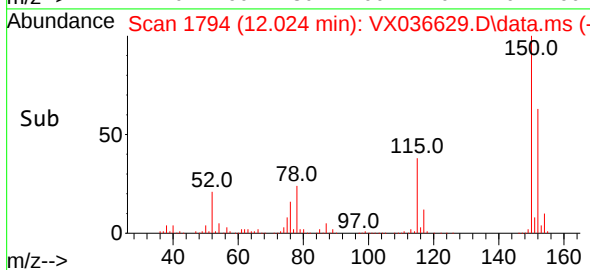
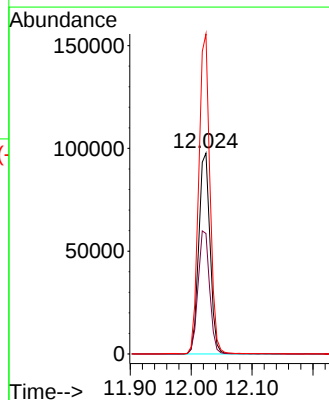
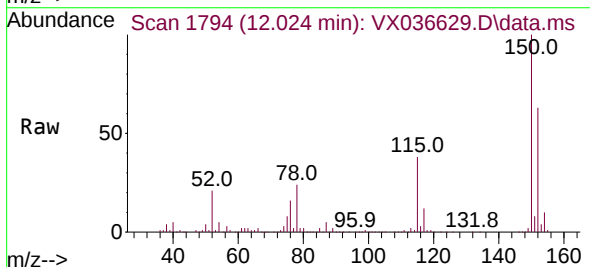
Tgt Ion:152 Resp: 126404

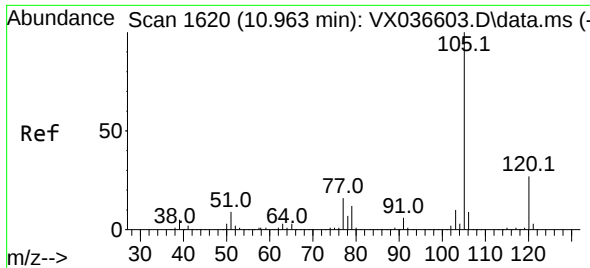
Ion Ratio Lower Upper

152 100

115 62.3 43.3 129.9

150 156.7 0.0 345.0





#73
Isopropylbenzene
Concen: 0.703 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

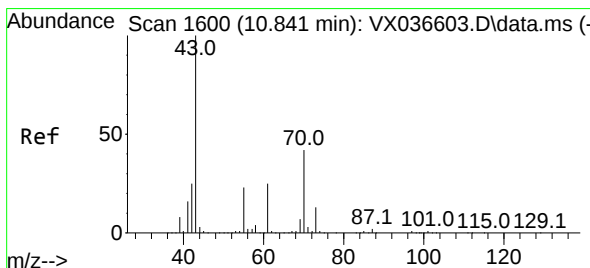
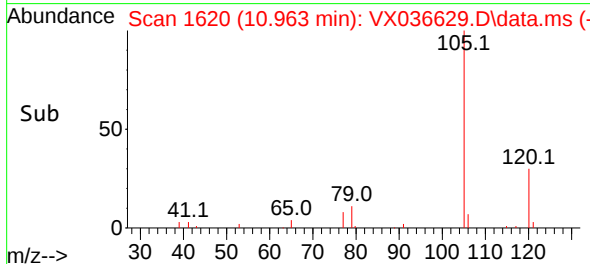
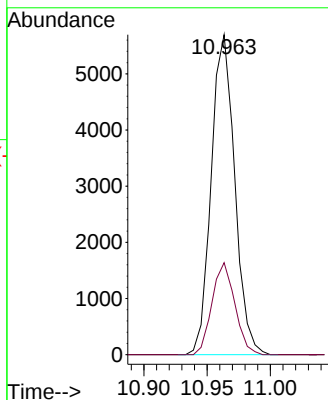
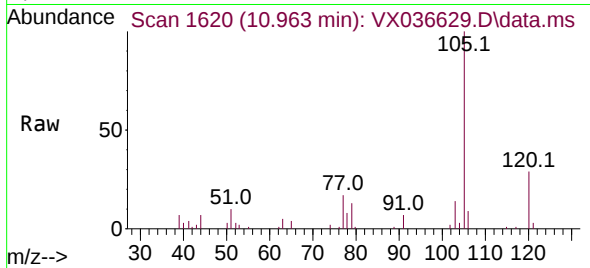
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023

Tgt Ion:105 Resp: 7349
Ion Ratio Lower Upper
105 100
120 27.9 12.9 38.6

Manual Integrations
APPROVED

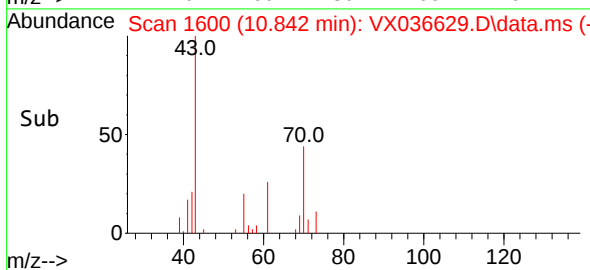
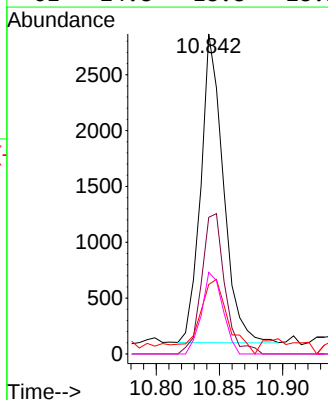
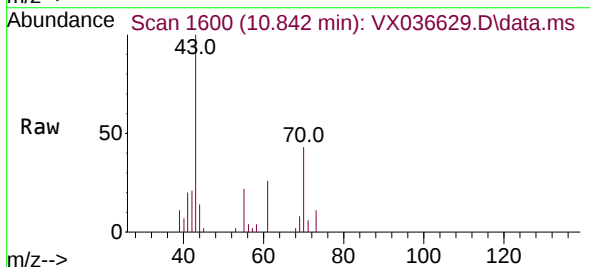
Reviewed By :John
Carlone
07/25/2023

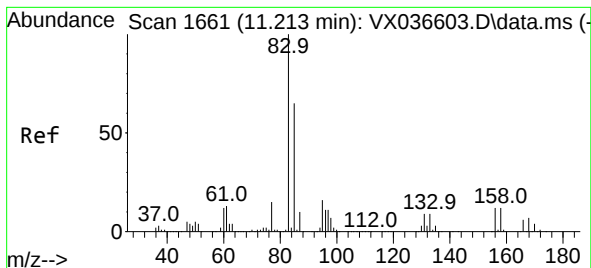
Supervised By :Mahesh
Dadoda
07/25/2023



#74
N-ethyl acetate
Concen: 0.706 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

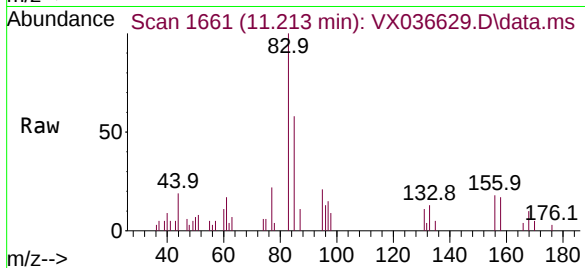
Tgt Ion: 43 Resp: 3446
Ion Ratio Lower Upper
43 100
70 46.5 32.9 49.3
55 30.6 19.3 28.9#
61 24.8 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 0.761 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

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

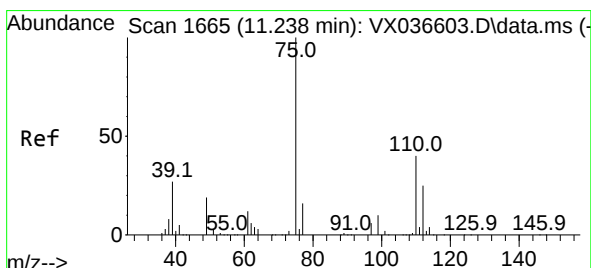
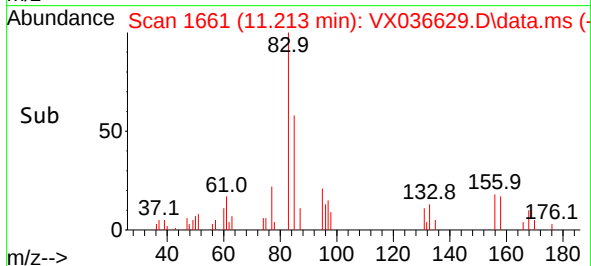
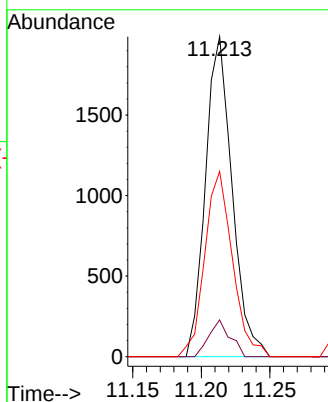


Tgt Ion: 83 Resp: 2689
Ion Ratio Lower Upper
83 100
131 9.1 5.3 15.8
85 60.2 32.0 96.2

Manual Integrations
APPROVED

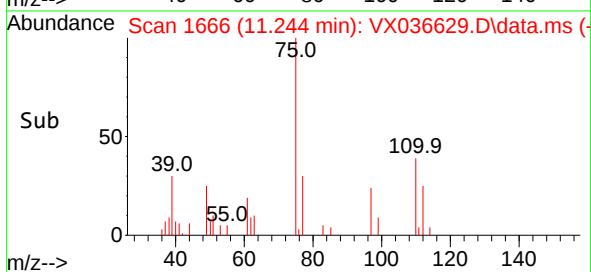
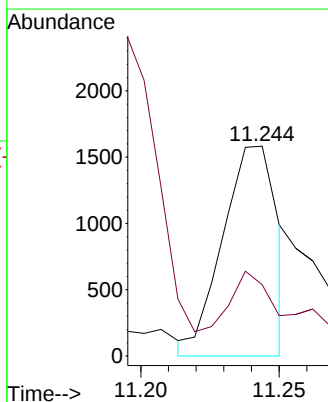
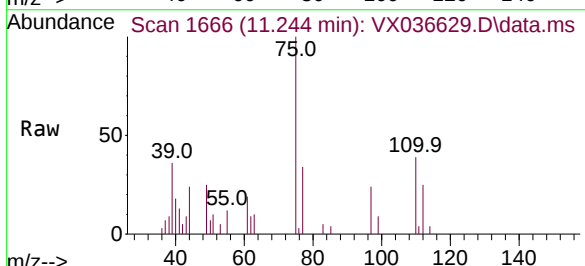
Reviewed By :John
Carlone
07/25/2023

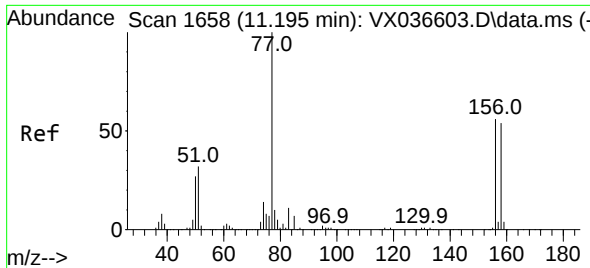
Supervised By :Mahesh
Dadoda
07/25/2023



#76
1,2,3-Trichloropropane
Concen: 0.728 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

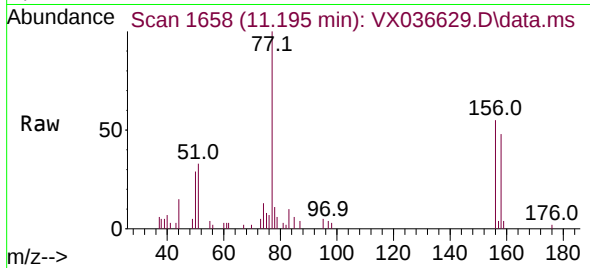
Tgt Ion: 75 Resp: 2165
Ion Ratio Lower Upper
75 100
77 53.4 19.1 57.5





#77
Bromobenzene
Concen: 0.749 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

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

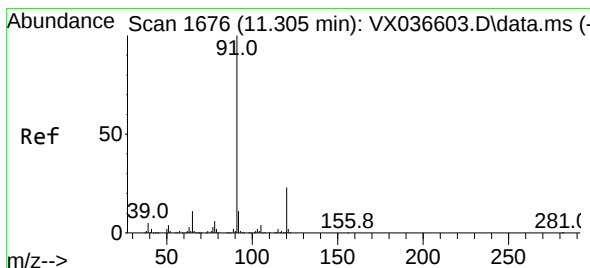
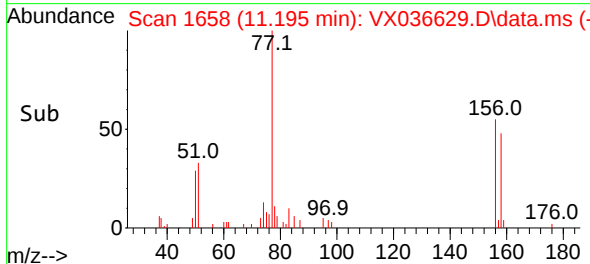
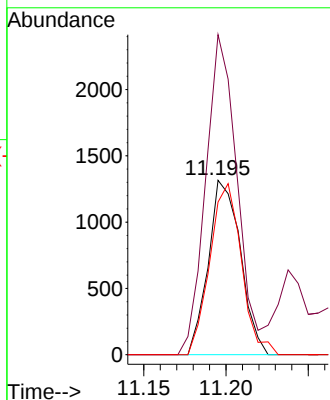


Tgt Ion:156 Resp: 1785
Ion Ratio Lower Upper
156 100
77 178.1 88.4 265.3
158 96.6 48.0 144.0

Manual Integrations
APPROVED

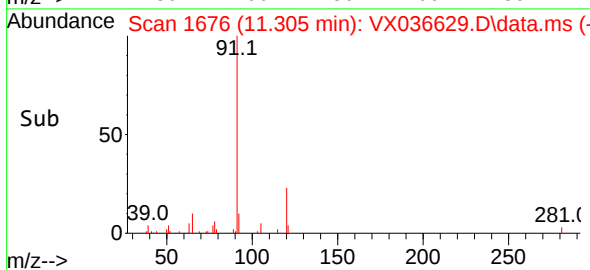
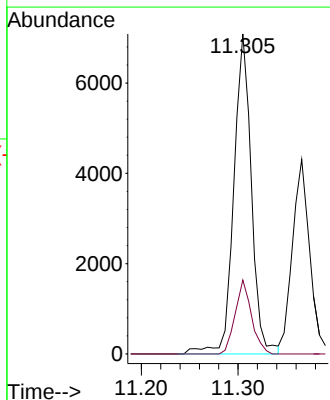
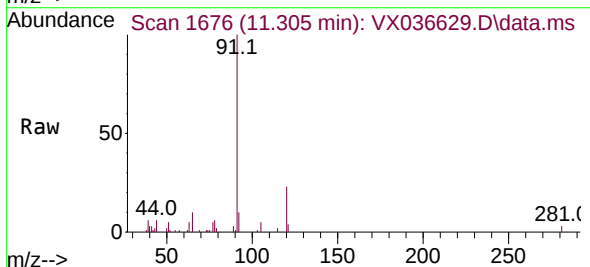
Reviewed By :John
Carlone
07/25/2023

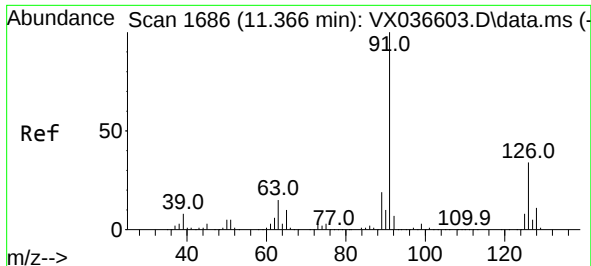
Supervised By :Mahesh
Dadoda
07/25/2023



#78
n-propylbenzene
Concen: 0.743 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

Tgt Ion: 91 Resp: 8984
Ion Ratio Lower Upper
91 100
120 21.4 11.5 34.4





#79
2-Chlorotoluene
Concen: 0.726 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

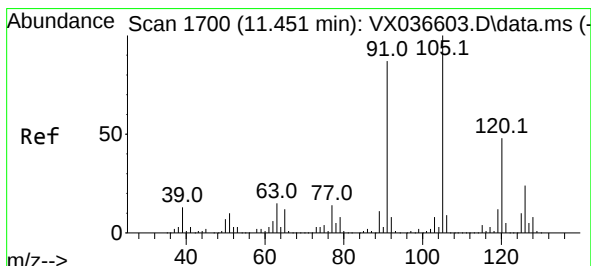
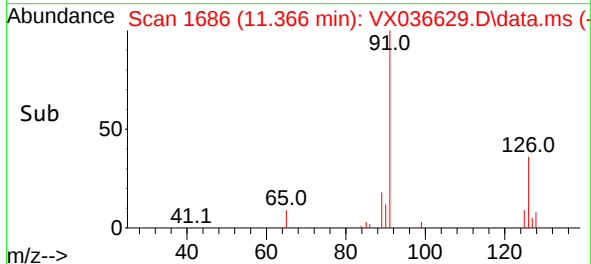
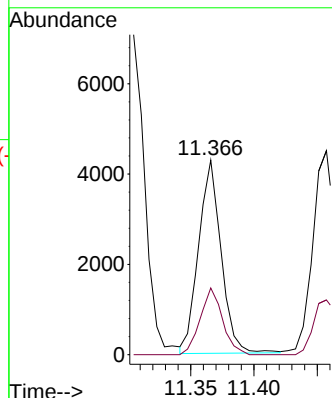
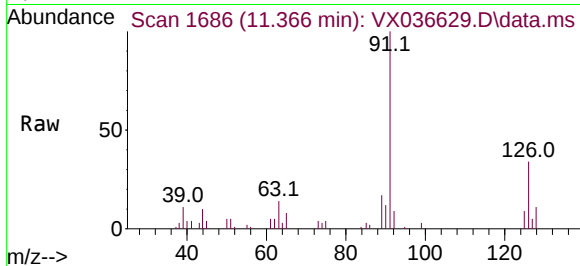
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT3-2023

Tgt Ion: 91 Resp: 5319
Ion Ratio Lower Upper
91 100
126 34.1 16.3 48.8

Manual Integrations
APPROVED

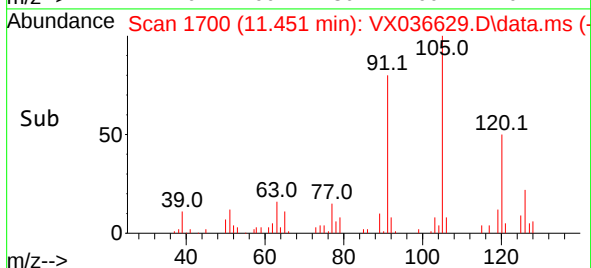
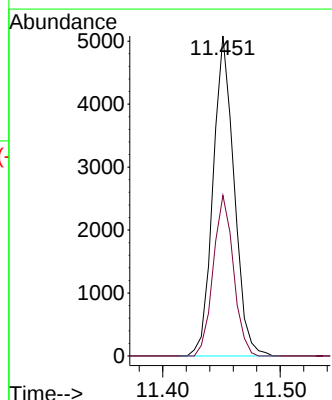
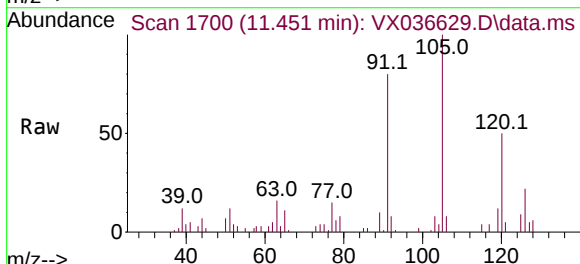
Reviewed By :John
Carlone
07/25/2023

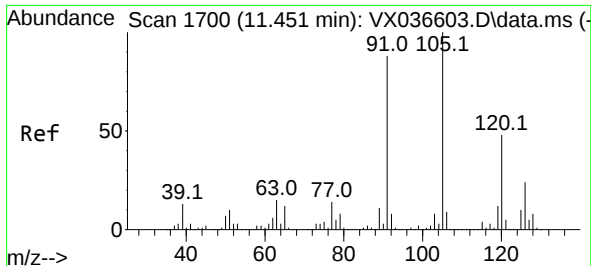
Supervised By :Mahesh
Dadoda
07/25/2023



#80
1,3,5-Trimethylbenzene
Concen: 0.724 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

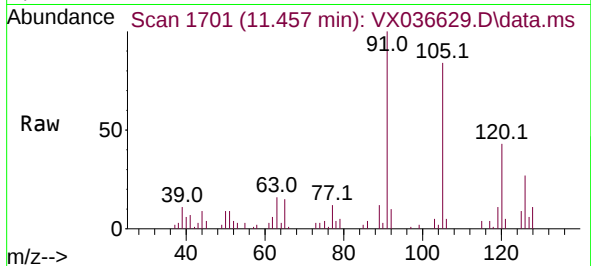
Tgt Ion:105 Resp: 6332
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3





#82
4-Chlorotoluene
Concen: 0.722 ug/l
RT: 11.457 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

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

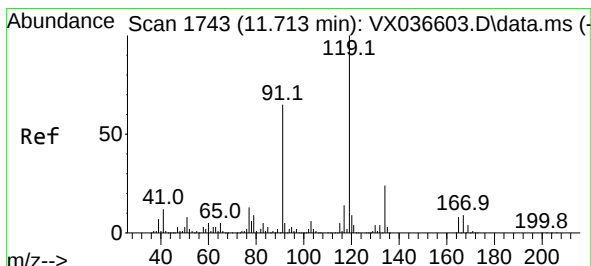
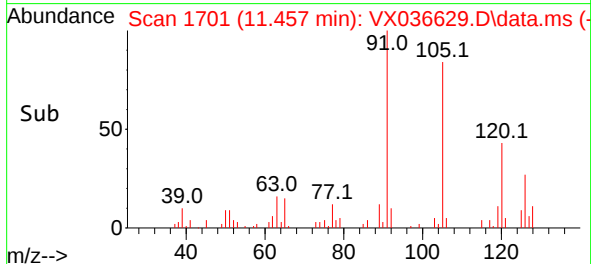
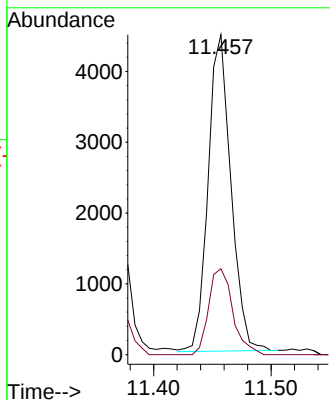


Tgt Ion: 91 Resp: 6030
Ion Ratio Lower Upper
91 100
126 28.6 14.2 42.6

Manual Integrations
APPROVED

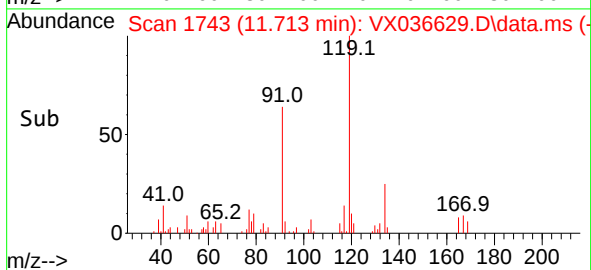
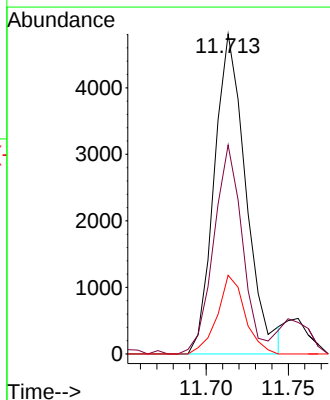
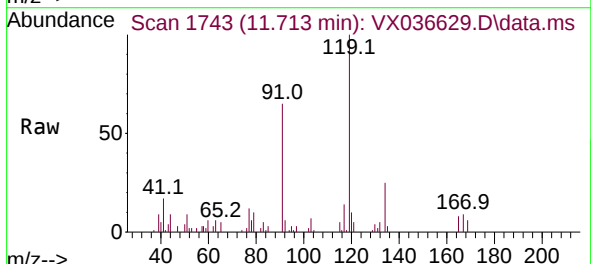
Reviewed By :John
Carlone
07/25/2023

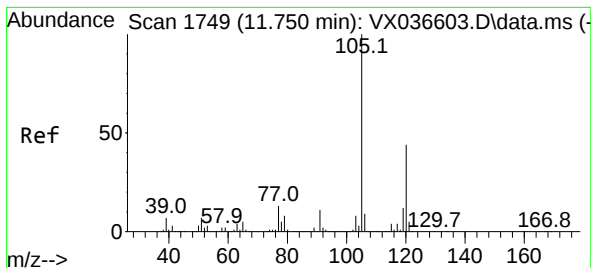
Supervised By :Mahesh
Dadoda
07/25/2023



#83
tert-Butylbenzene
Concen: 0.747 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

Tgt Ion:119 Resp: 6426
Ion Ratio Lower Upper
119 100
91 59.5 31.2 93.6
134 21.6 11.7 35.0





#84

1,2,4-Trimethylbenzene

Concen: 0.663 ug/l

RT: 11.750 min Scan# 11749

Delta R.T. 0.000 min

Lab File: VX036629.D

Acq: 24 Jul 2023 14:35

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion:105 Resp: 5800
 Ion Ratio Lower Upper
 105 100
 120 48.7 21.2 63.6

Manual Integrations
 APPROVED

Reviewed By :John

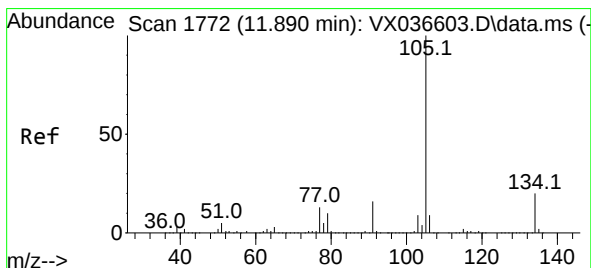
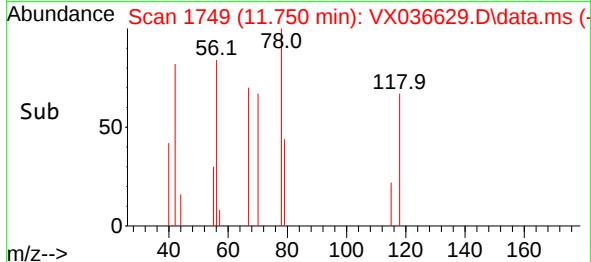
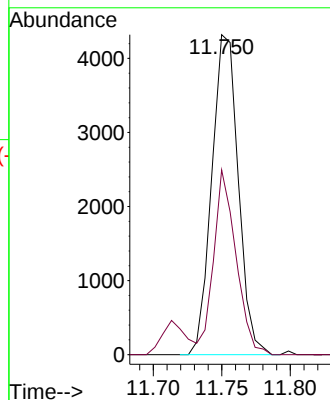
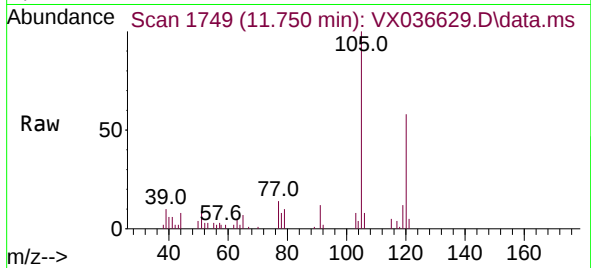
Carlone

07/25/2023

Supervised By :Mahesh

Dadoda

07/25/2023



#85

sec-Butylbenzene

Concen: 0.691 ug/l

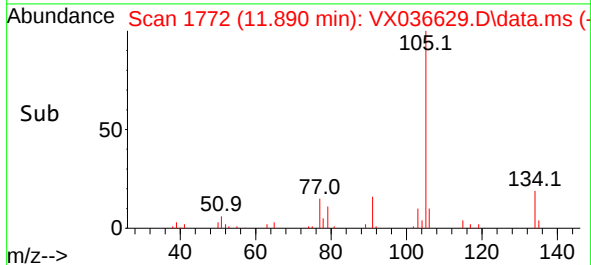
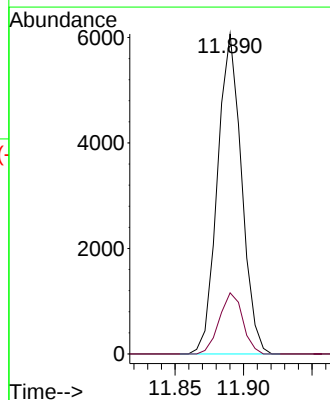
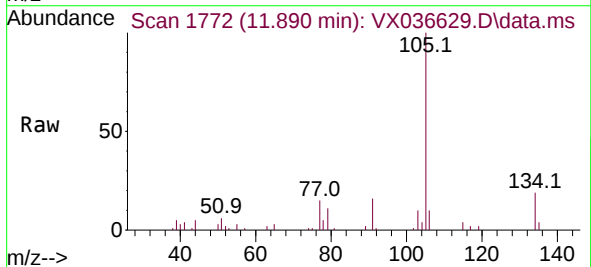
RT: 11.890 min Scan# 1772

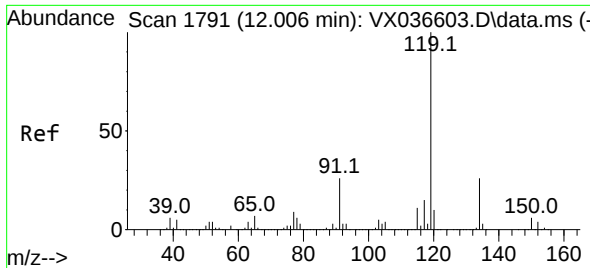
Delta R.T. 0.000 min

Lab File: VX036629.D

Acq: 24 Jul 2023 14:35

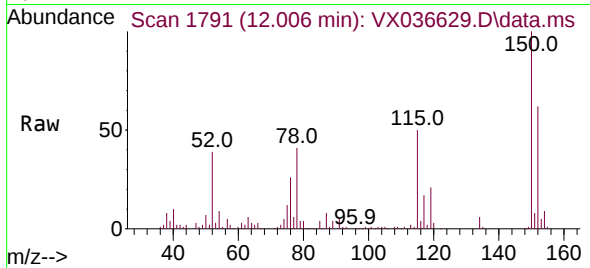
Tgt Ion:105 Resp: 7410
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.8 29.4





#86
p-Isopropyltoluene
Concen: 0.737 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

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

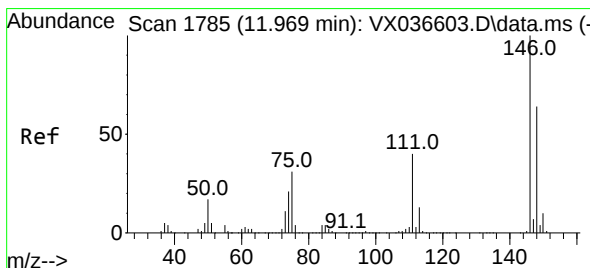
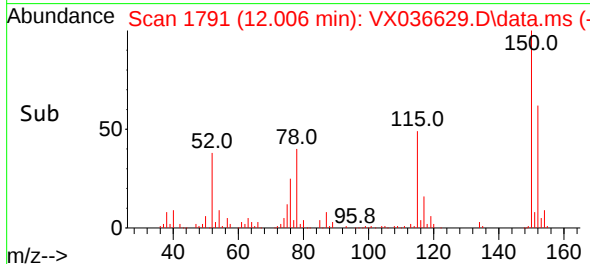
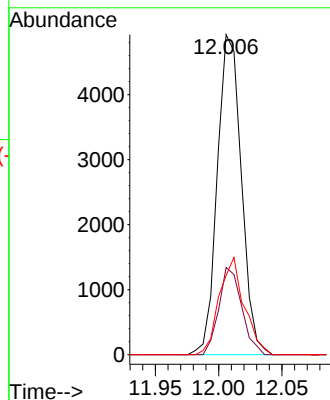


Tgt Ion:119 Resp: 6499
Ion Ratio Lower Upper
119 100
134 26.0 12.8 38.3
91 31.7 13.1 39.3

Manual Integrations
APPROVED

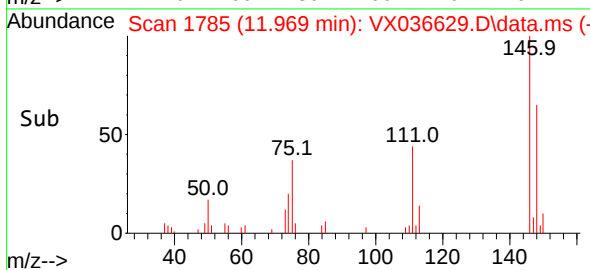
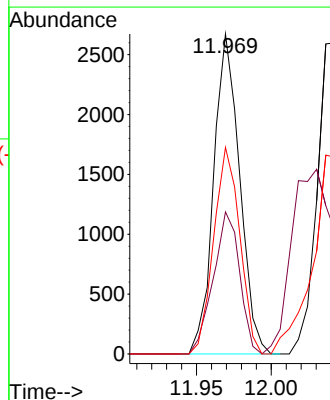
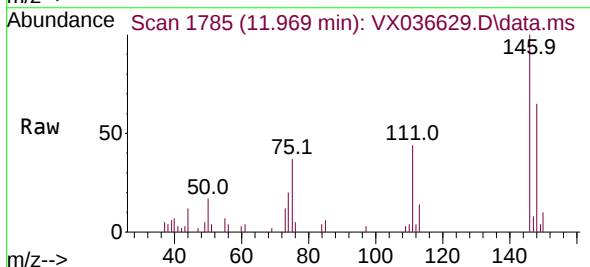
Reviewed By :John
Carlone
07/25/2023

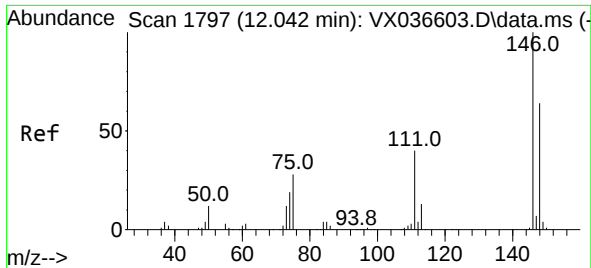
Supervised By :Mahesh
Dadoda
07/25/2023



#87
1,3-Dichlorobenzene
Concen: 0.732 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

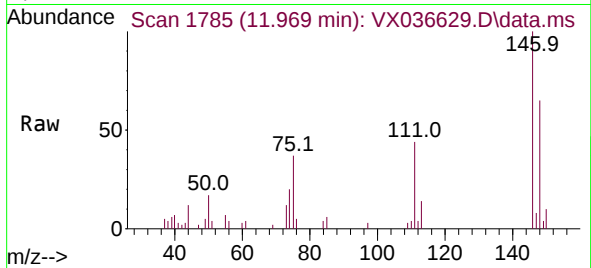
Tgt Ion:146 Resp: 3228
Ion Ratio Lower Upper
146 100
111 45.0 22.1 66.1
148 64.7 31.8 95.3





#88
1,4-Dichlorobenzene
Concen: 0.737 ug/l
RT: 11.969 min Scan# 1797
Delta R.T. -0.073 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

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

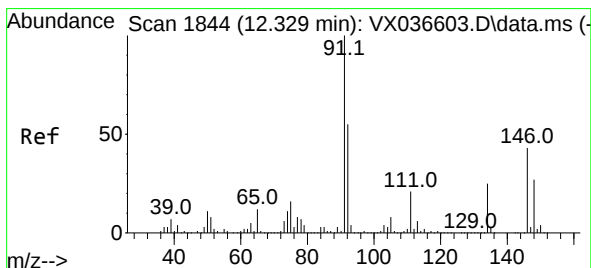
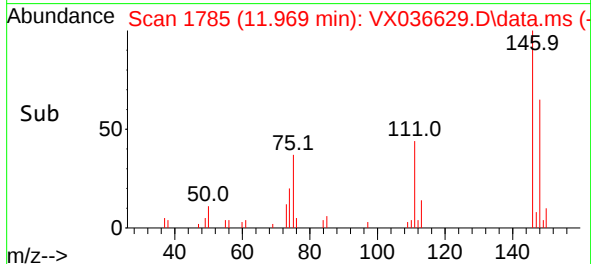
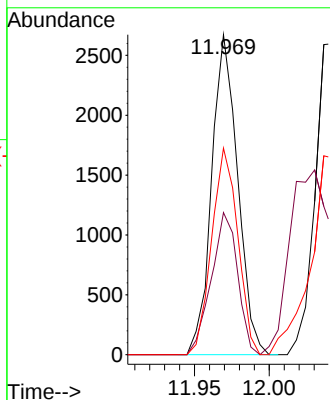


Tgt Ion:146 Resp: 3228
Ion Ratio Lower Upper
146 100
111 45.0 21.3 63.7
148 64.7 31.8 95.4

Manual Integrations
APPROVED

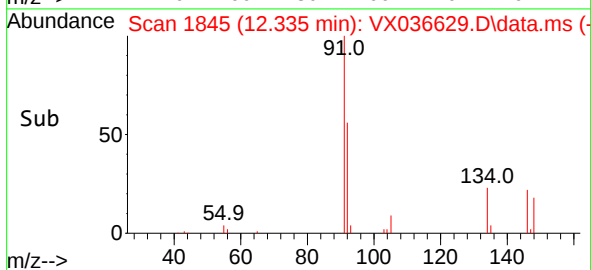
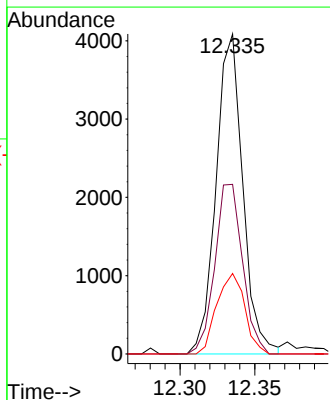
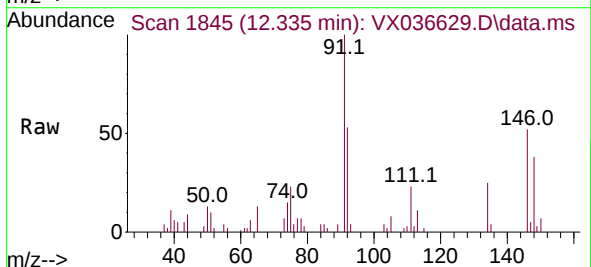
Reviewed By :John
Carlone
07/25/2023

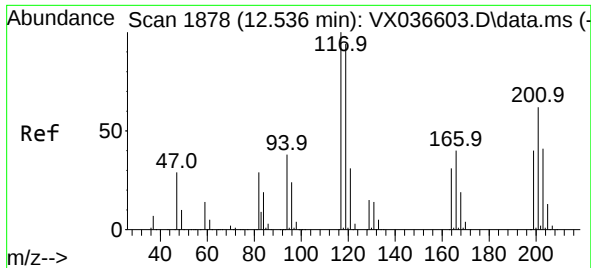
Supervised By :Mahesh
Dadoda
07/25/2023



#89
n-Butylbenzene
Concen: 0.644 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

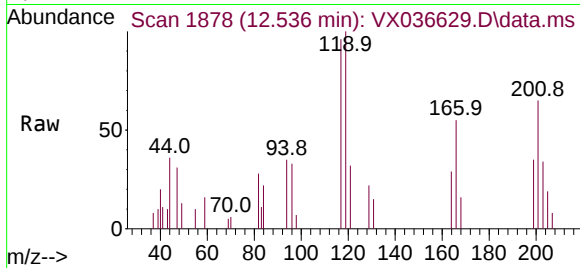
Tgt Ion: 91 Resp: 5083
Ion Ratio Lower Upper
91 100
92 55.0 27.4 82.0
134 26.3 12.6 37.8





#90
Hexachloroethane
Concen: 0.654 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

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

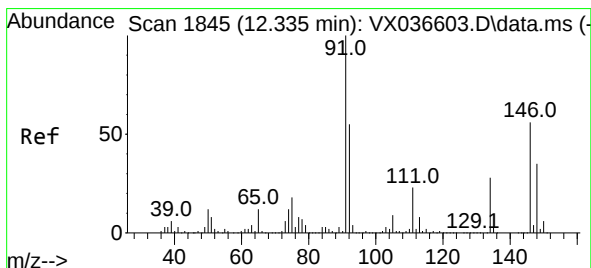
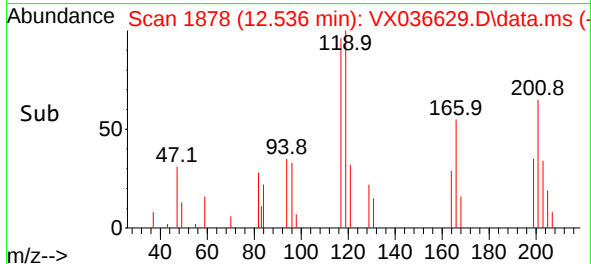
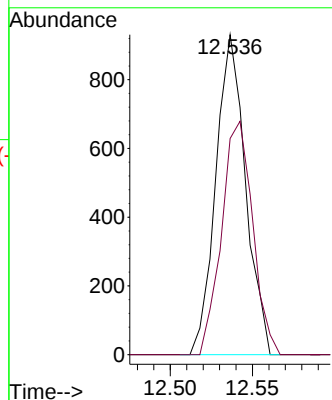


Tgt Ion:117 Resp: 1170
Ion Ratio Lower Upper
117 100
201 76.3 32.9 98.6

Manual Integrations
APPROVED

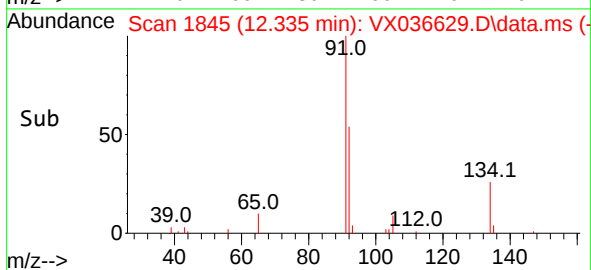
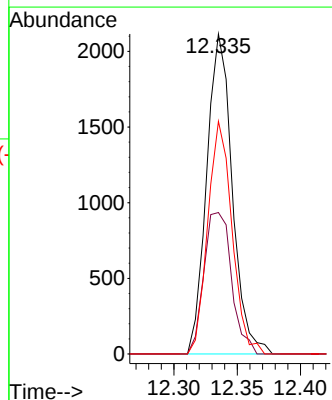
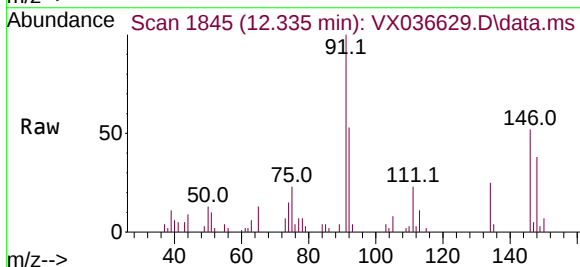
Reviewed By :John
Carlone
07/25/2023

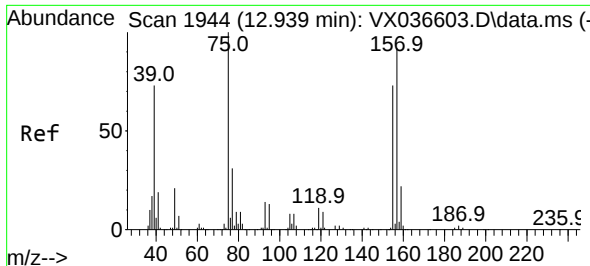
Supervised By :Mahesh
Dadoda
07/25/2023



#91
1,2-Dichlorobenzene
Concen: 0.699 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

Tgt Ion:146 Resp: 2976
Ion Ratio Lower Upper
146 100
111 47.8 22.4 67.0
148 68.9 31.6 95.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.687 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX036629.D

Acq: 24 Jul 2023 14:35

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT3-2023

Tgt Ion:	75	Resp:	564
Ion Ratio	Lower	Upper	
75	100		
155	75.9	36.1	108.5
157	92.4	44.9	134.7

Manual Integrations

APPROVED

Reviewed By :John

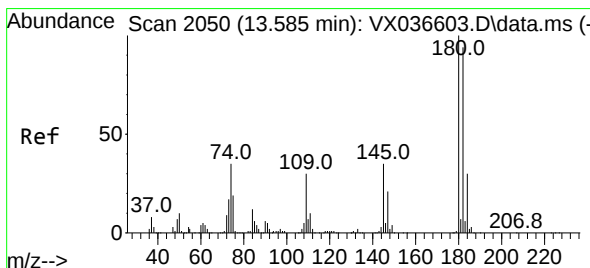
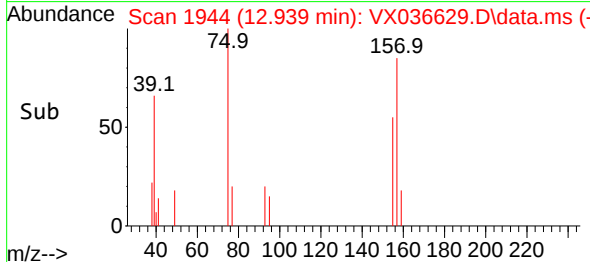
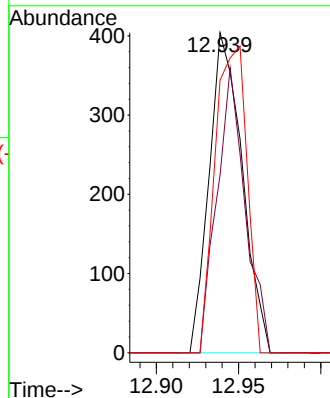
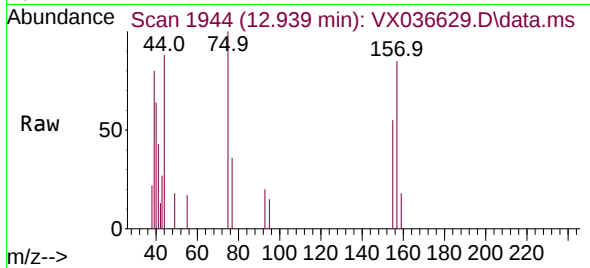
Carlone

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Supervised By :Mahesh

Dadoda

07/25/2023



#93

1,2,4-Trichlorobenzene

Concen: 0.684 ug/l

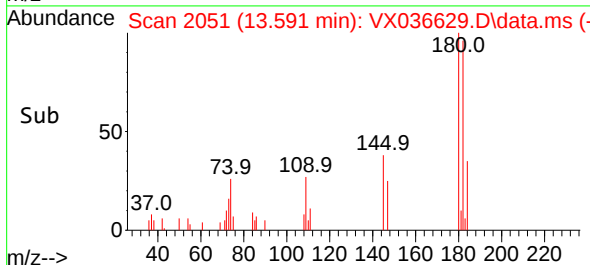
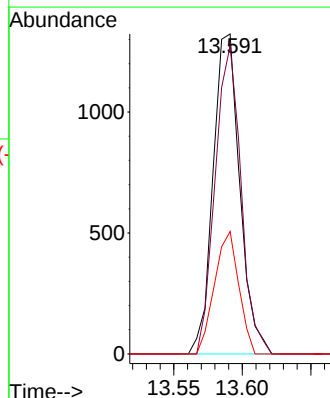
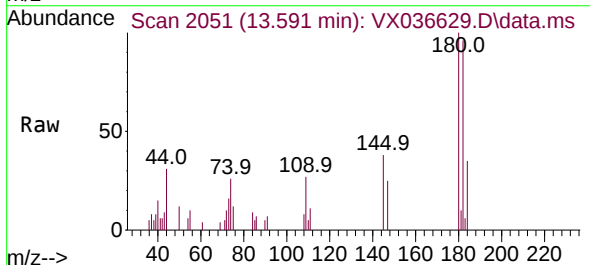
RT: 13.591 min Scan# 2051

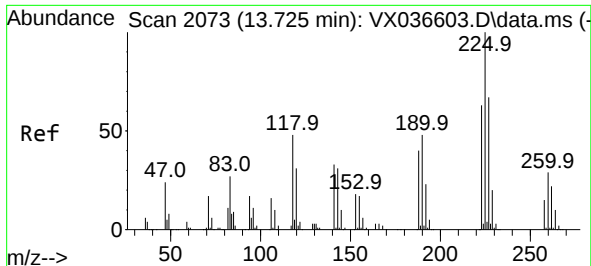
Delta R.T. 0.006 min

Lab File: VX036629.D

Acq: 24 Jul 2023 14:35

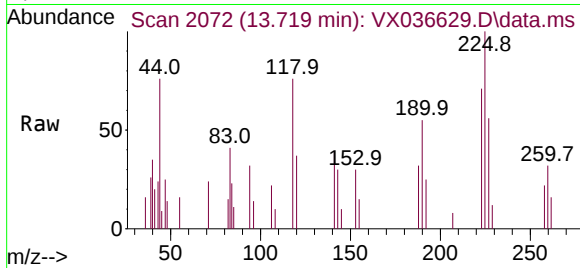
Tgt Ion:	180	Resp:	1795
Ion Ratio	Lower	Upper	
180	100		
182	92.9	48.3	144.8
145	34.7	18.0	54.0





#94
Hexachlorobutadiene
Concen: 0.653 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

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

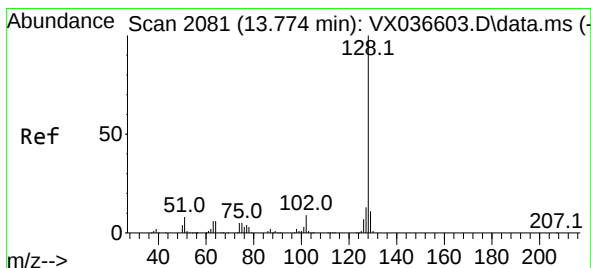
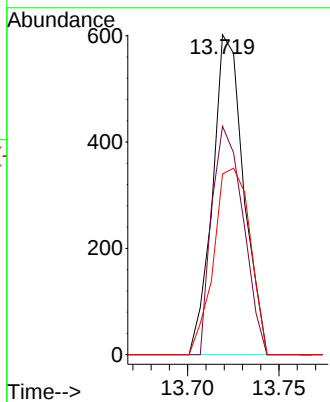
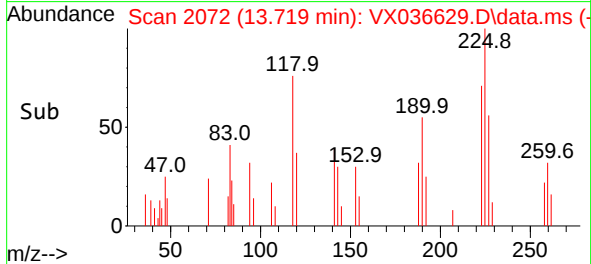


Tgt Ion:225 Resp: 709
Ion Ratio Lower Upper
225 100
223 72.4 31.1 93.2
227 68.4 32.5 97.5

Manual Integrations
APPROVED

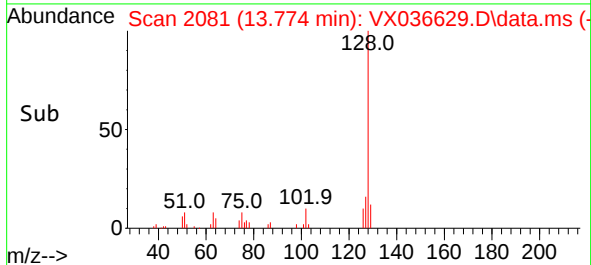
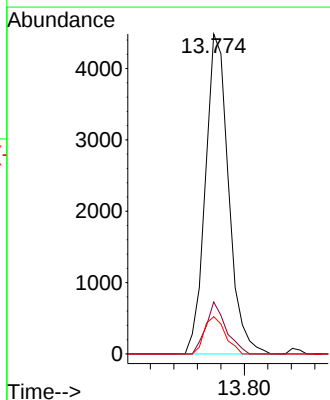
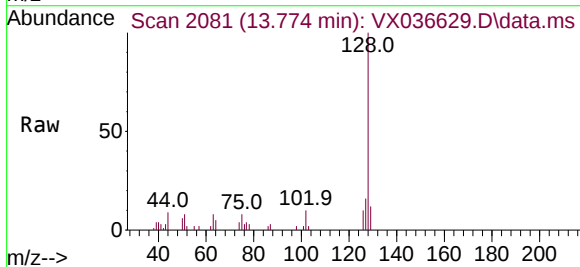
Reviewed By :John
Carlone
07/25/2023

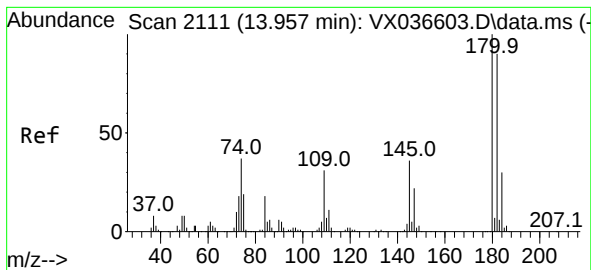
Supervised By :Mahesh
Dadoda
07/25/2023



#95
Naphthalene
Concen: 0.671 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036629.D
Acq: 24 Jul 2023 14:35

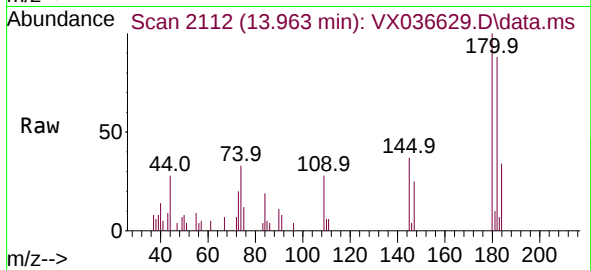
Tgt Ion:128 Resp: 6138
Ion Ratio Lower Upper
128 100
127 14.1 10.3 15.5
129 10.5 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.642 ug/l
 RT: 13.963 min Scan# 2111
 Delta R.T. 0.006 min
 Lab File: VX036629.D
 Acq: 24 Jul 2023 14:35

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



Tgt Ion:180 Resp: 166
 Ion Ratio Lower Upper
 180 100
 182 99.7 46.9 140.6
 145 34.1 17.8 53.5

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone
 07/25/2023

Supervised By :Mahesh
 Dadoda
 07/25/2023

