

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081424\
 Data File : VX043040.D
 Acq On : 14 Aug 2024 18:40
 Operator : JC/MD
 Sample : P3390-08 5.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2024

Quant Time: Aug 15 05:02:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 04:57:27 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/15/2024
 Supervised By : Mahesh Dadoda 08/15/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	113048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	203005	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80103	53.925	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.840%			
35) Dibromofluoromethane	5.391	113	67283	53.575	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.160%			
50) Toluene-d8	8.647	98	256245	52.857	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.720%			
62) 4-Bromofluorobenzene	11.079	95	86587	49.257	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	5666	4.957	ug/l	96
3) Chloromethane	1.300	50	8672	5.126	ug/l	100
4) Vinyl Chloride	1.374	62	8780	5.167	ug/l	99
5) Bromomethane	1.599	94	3471	6.741	ug/l	93
6) Chloroethane	1.666	64	3912	7.304	ug/l	94
7) Trichlorofluoromethane	1.867	101	10852	6.108	ug/l	96
8) Diethyl Ether	2.136	74	4642	5.647	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.312	101	6408	5.043	ug/l	100
10) Methyl Iodide	2.447	142	6064	4.470	ug/l	89
11) Tert butyl alcohol	3.001	59	10326	26.942	ug/l #	86
12) 1,1-Dichloroethene	2.306	96	7051	5.171	ug/l	85
13) Acrolein	2.239	56	10265	26.493	ug/l	97
14) Allyl chloride	2.660	41	13392	5.240	ug/l	88
15) Acrylonitrile	3.074	53	24518	25.828	ug/l	98
16) Acetone	2.392	43	19163	26.010	ug/l #	88
17) Carbon Disulfide	2.501	76	18910	4.836	ug/l	98
18) Methyl Acetate	2.709	43	13738	5.643	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	23321	5.075	ug/l	97
20) Methylene Chloride	2.788	84	8988	5.275	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	7019	4.936	ug/l	84
22) Diisopropyl ether	3.763	45	26246	5.029	ug/l #	72
23) Vinyl Acetate	3.727	43	149802	24.622	ug/l	97
24) 1,1-Dichloroethane	3.611	63	13467	5.117	ug/l	96
25) 2-Butanone	4.580	43	34152	26.443	ug/l	95
26) 2,2-Dichloropropane	4.464	77	9657	4.606	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	8535	4.972	ug/l	92
28) Bromochloromethane	4.903	49	6794	5.706	ug/l #	98
29) Tetrahydrofuran	5.019	42	23138	25.847	ug/l	99
30) Chloroform	5.092	83	13073	5.170	ug/l	93
31) Cyclohexane	5.464	56	11794	4.764	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	11413	5.407	ug/l	96
36) 1,1-Dichloropropene	5.690	75	9123	5.229	ug/l	98
37) Ethyl Acetate	4.739	43	13323	5.421	ug/l	99
38) Carbon Tetrachloride	5.672	117	9082	5.148	ug/l	86
39) Methylcyclohexane	7.379	83	12037	4.983	ug/l	97
40) Benzene	6.037	78	29469	4.958	ug/l	98

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.946	41	6698	5.171	ug/l	91
42) 1,2-Dichloroethane	6.092	62	9298	5.378	ug/l	92
43) Isopropyl Acetate	6.354	43	19954	5.032	ug/l	98
44) Trichloroethene	7.129	130	6972	5.180	ug/l	94
45) 1,2-Dichloropropane	7.433	63	7783	5.321	ug/l	98
46) Dibromomethane	7.586	93	5242	5.241	ug/l	97
47) Bromodichloromethane	7.830	83	9632	4.960	ug/l #	98
48) Methyl methacrylate	7.702	41	8975	5.076	ug/l #	86
49) 1,4-Dioxane	7.671	88	4042	104.389	ug/l #	91
51) 4-Methyl-2-Pentanone	8.573	43	64683	25.667	ug/l	98
52) Toluene	8.720	92	17856	4.973	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	9984	4.708	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	11415	4.894	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	7412	5.256	ug/l	87
56) Ethyl methacrylate	9.122	69	12640	4.950	ug/l	93
57) 1,3-Dichloropropane	9.311	76	12229	5.117	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	30926	25.806	ug/l	99
59) 2-Hexanone	9.433	43	49494	25.557	ug/l	97
60) Dibromochloromethane	9.525	129	7831	5.266	ug/l	96
61) 1,2-Dibromoethane	9.610	107	7689	5.406	ug/l	93
64) Tetrachloroethene	9.275	164	6092	5.416	ug/l	95
65) Chlorobenzene	10.079	112	19552	5.200	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	6584	5.197	ug/l	94
67) Ethyl Benzene	10.195	91	32746	5.012	ug/l	96
68) m/p-Xylenes	10.305	106	25584	10.182	ug/l	92
69) o-Xylene	10.640	106	12906	5.113	ug/l	96
70) Styrene	10.659	104	20679	4.886	ug/l	97
71) Bromoform	10.799	173	5323	5.059	ug/l #	95
73) Isopropylbenzene	10.963	105	31684	5.441	ug/l	98
74) N-amyl acetate	10.847	43	16239	4.896	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	12000	5.354	ug/l	96
76) 1,2,3-Trichloropropane	11.238	75	10156m	5.805	ug/l	
77) Bromobenzene	11.201	156	7394	5.286	ug/l	96
78) n-propylbenzene	11.305	91	33623	5.067	ug/l	97
79) 2-Chlorotoluene	11.366	91	21849	5.290	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	26174	5.456	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	3676	4.583	ug/l #	83
82) 4-Chlorotoluene	11.457	91	23826	5.177	ug/l	95
83) tert-Butylbenzene	11.713	119	27167	5.472	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	25425	5.254	ug/l	93
85) sec-Butylbenzene	11.890	105	31764	5.271	ug/l	98
86) p-Isopropyltoluene	12.012	119	25040	5.086	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	13284	5.281	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	13435	5.220	ug/l	96
89) n-Butylbenzene	12.335	91	19686	4.619	ug/l	99
90) Hexachloroethane	12.536	117	5075	5.132	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	13413	5.289	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2370	5.405	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	6731	4.715	ug/l	98
94) Hexachlorobutadiene	13.725	225	2732	5.129	ug/l	96
95) Naphthalene	13.774	128	28470	5.050	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	7508	5.142	ug/l	98

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QLast Update : Thu Aug 15 04:57:27 2024
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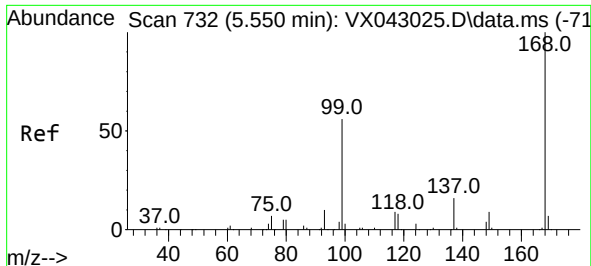
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2024

Manual Integrations
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Supervised By :Mahesh Dadoda 08/15/2024

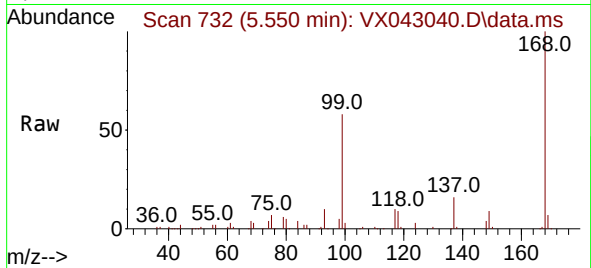
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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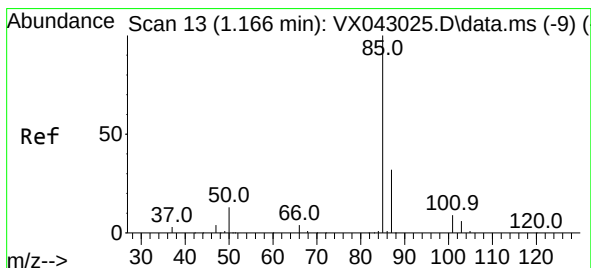
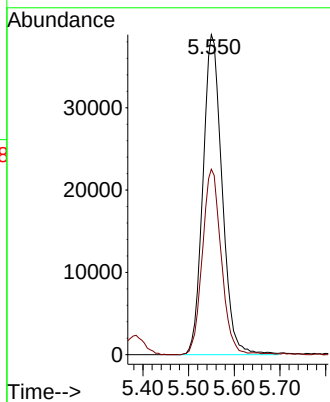
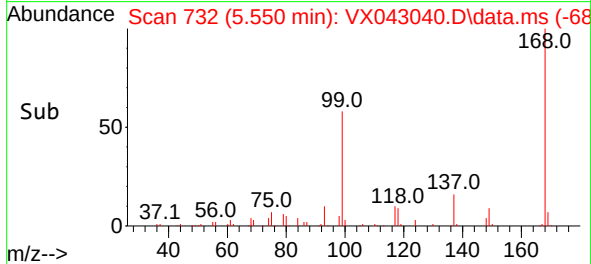
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:168 Resp: 11304
Ion Ratio Lower Upper
168 100
99 57.9 56.6 85.0

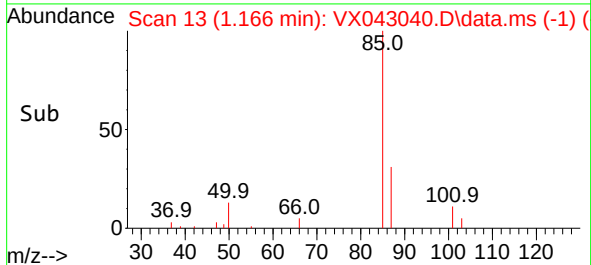
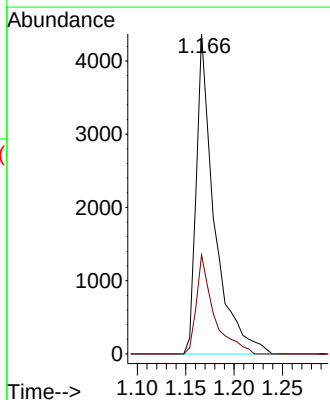
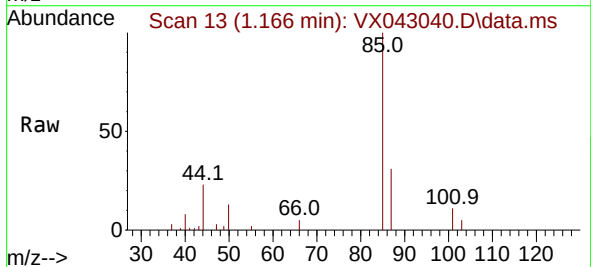
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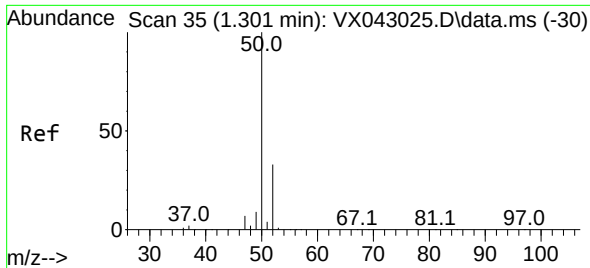
Reviewed By :John Carlone 08/15/2024
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#2
Dichlorodifluoromethane
Concen: 4.957 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

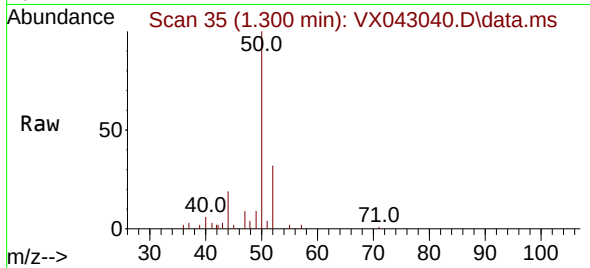
Tgt Ion: 85 Resp: 5666
Ion Ratio Lower Upper
85 100
87 31.0 16.7 50.1





#3
Chloromethane
Concen: 5.126 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

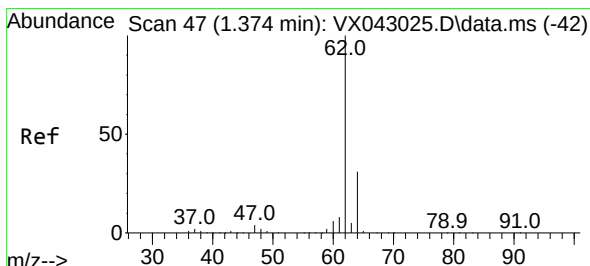
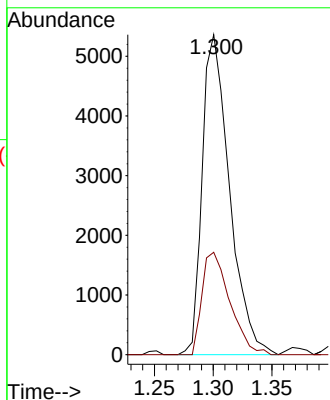
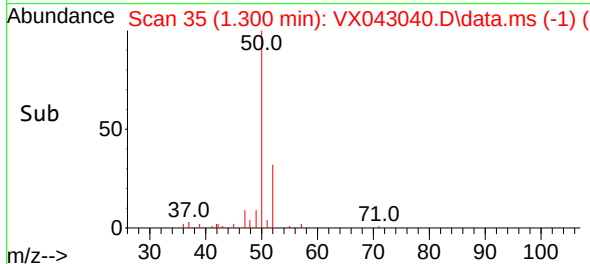
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT3-2024



Tgt Ion: 50 Resp: 8672
Ion Ratio Lower Upper
50 100
52 32.0 25.5 38.3

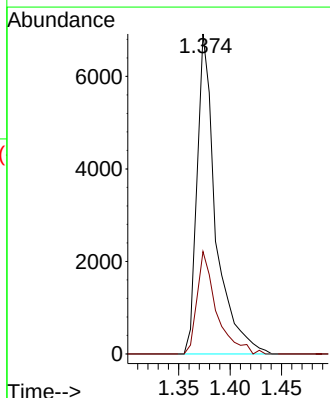
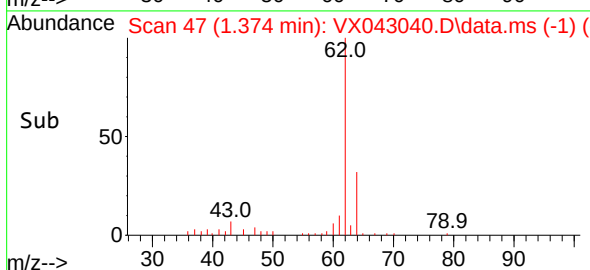
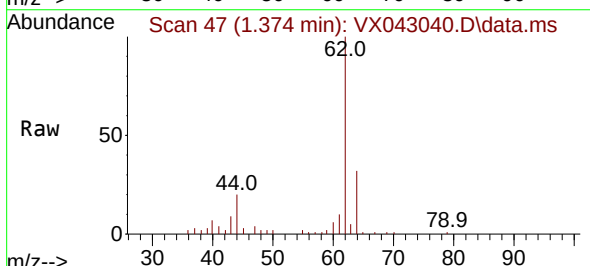
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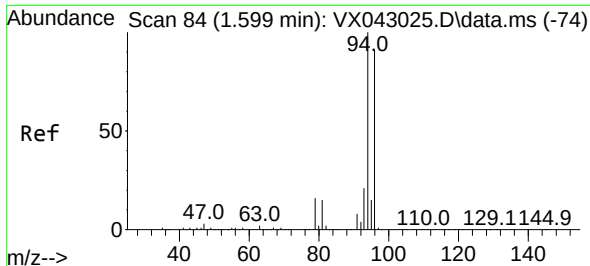
Reviewed By :John Carlone 08/15/2024
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#4
Vinyl Chloride
Concen: 5.167 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

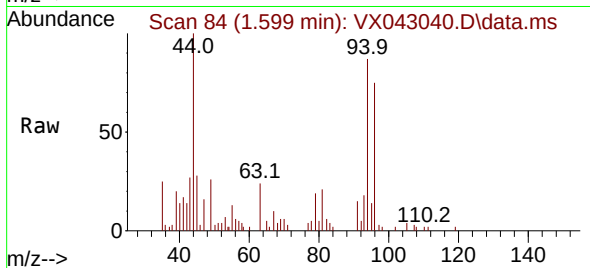
Tgt Ion: 62 Resp: 8780
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.0





#5
Bromomethane
Concen: 6.741 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

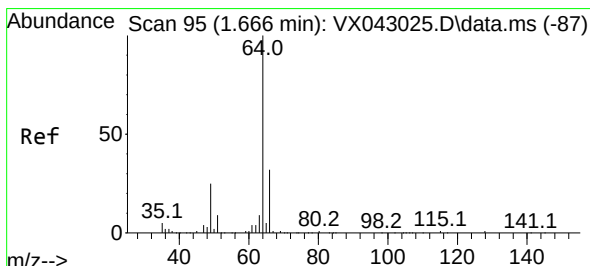
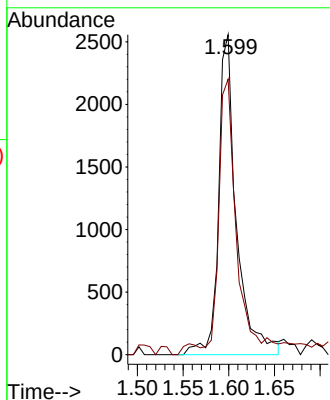
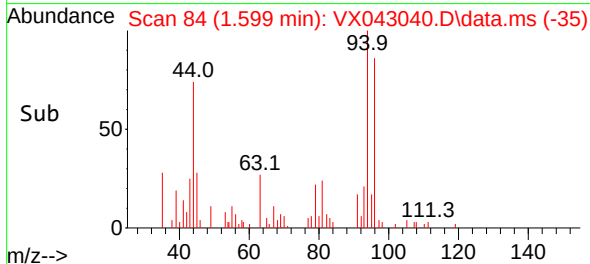
Instrument : MSVOA_X
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Tgt Ion: 94 Resp: 347
Ion Ratio Lower Upper
94 100
96 86.1 74.6 111.8

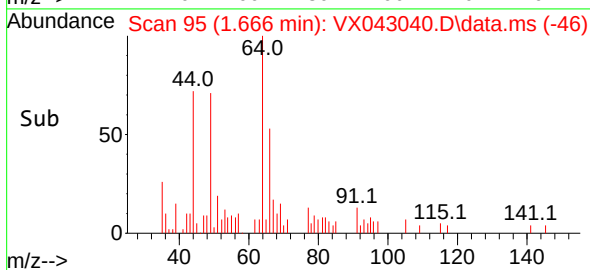
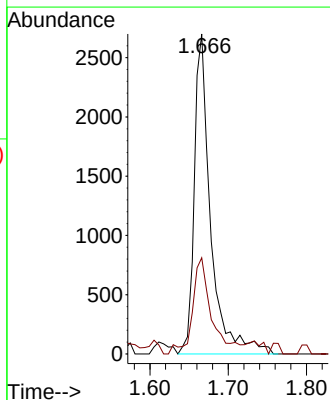
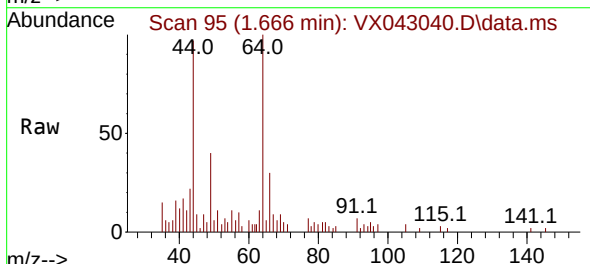
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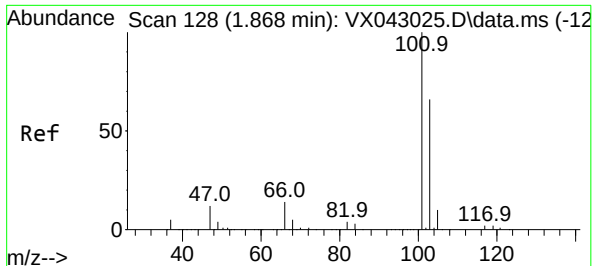
Reviewed By :John Carlone 08/15/2024
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#6
Chloroethane
Concen: 7.304 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

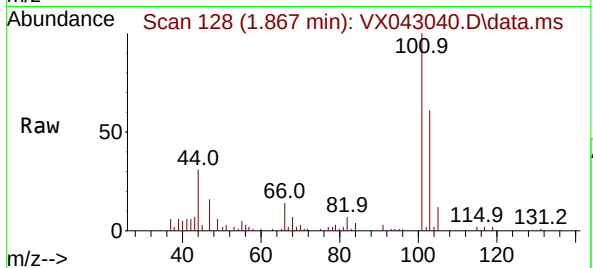
Tgt Ion: 64 Resp: 3912
Ion Ratio Lower Upper
64 100
66 27.9 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 6.108 ug/l
 RT: 1.867 min Scan# 101
 Delta R.T. -0.000 min
 Lab File: VX043040.D
 Acq: 14 Aug 2024 18:40

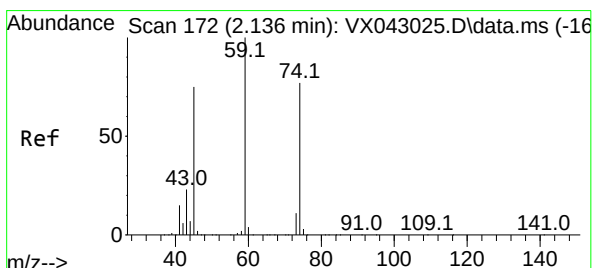
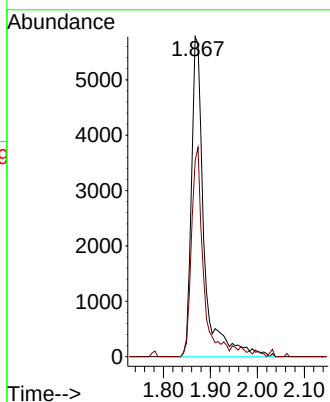
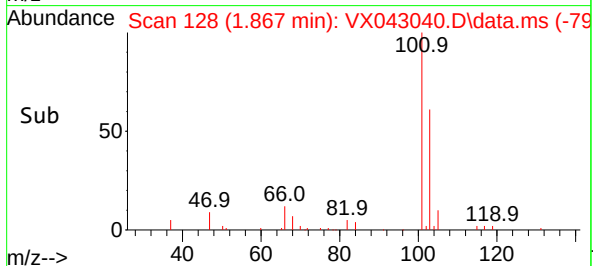
Instrument : MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2024



Tgt Ion:101 Resp: 1085
 Ion Ratio Lower Upper
 101 100
 103 61.2 51.4 77.2

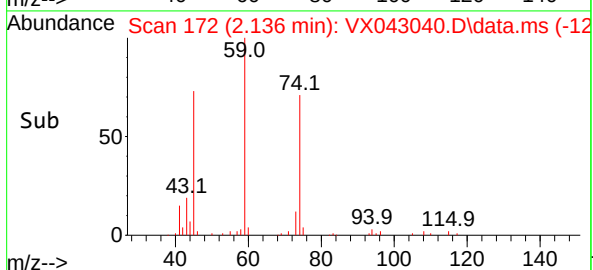
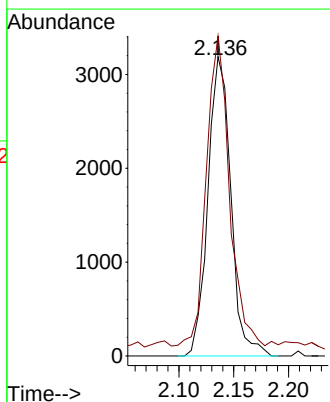
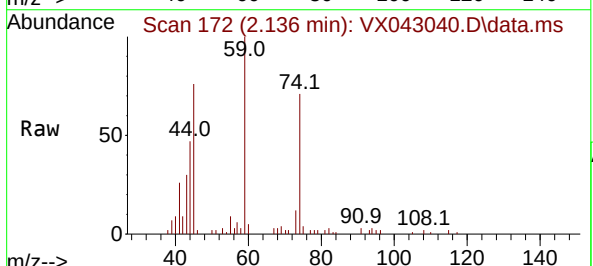
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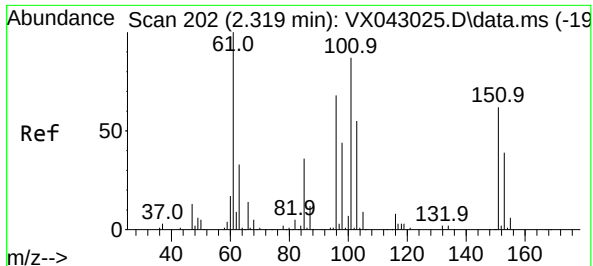
Reviewed By :John Carlone 08/15/2024
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#8
 Diethyl Ether
 Concen: 5.647 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 4642
 Ion Ratio Lower Upper
 74 100
 45 103.6 53.3 159.8





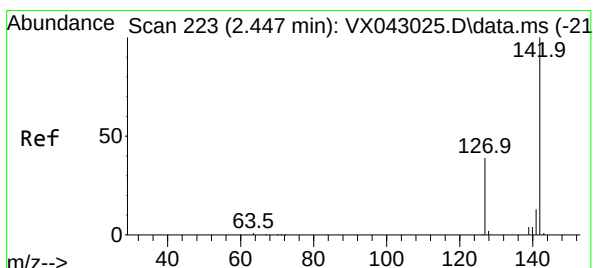
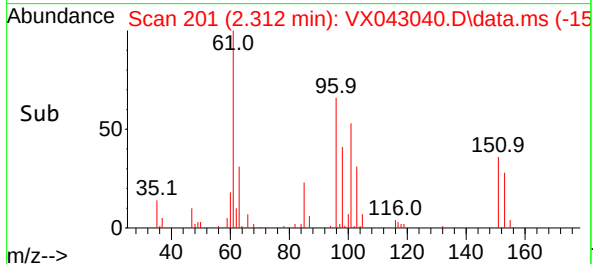
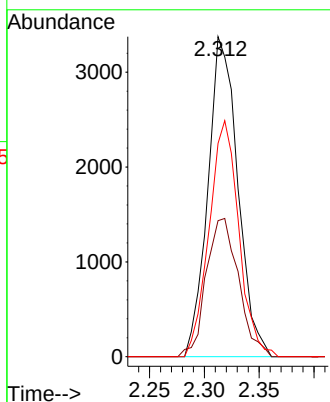
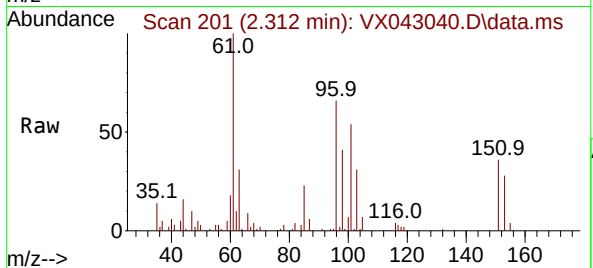
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.043 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2024

Tgt Ion:101 Resp: 6408
Ion Ratio Lower Upper
101 100
85 46.7 37.0 55.6
151 73.4 58.6 87.8

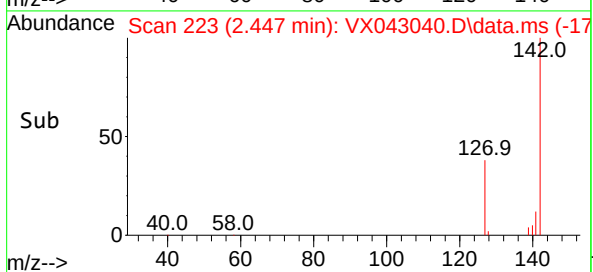
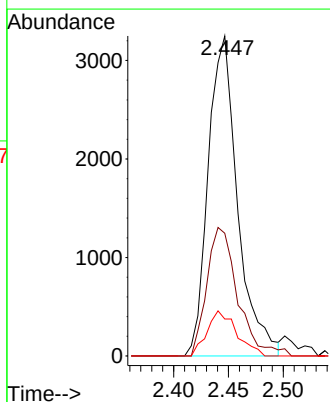
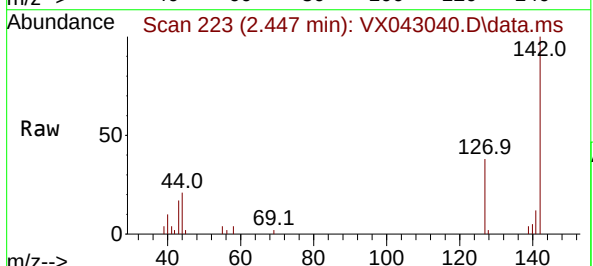
Manual Integrations
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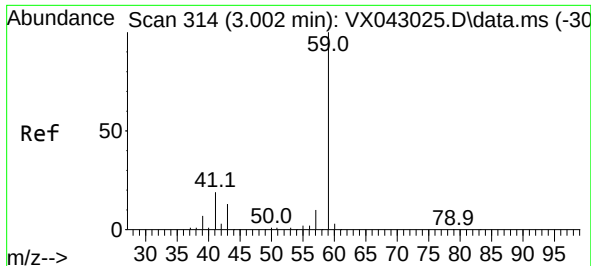
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#10
Methyl Iodide
Concen: 4.470 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

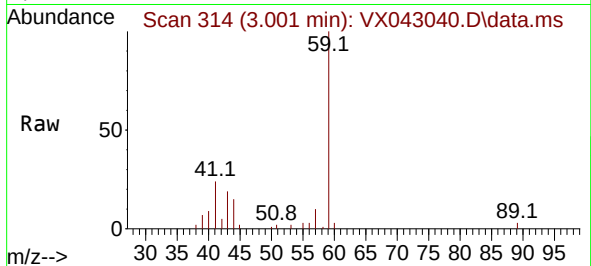
Tgt Ion:142 Resp: 6064
Ion Ratio Lower Upper
142 100
127 42.2 41.6 62.4
141 14.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 26.942 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.000 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

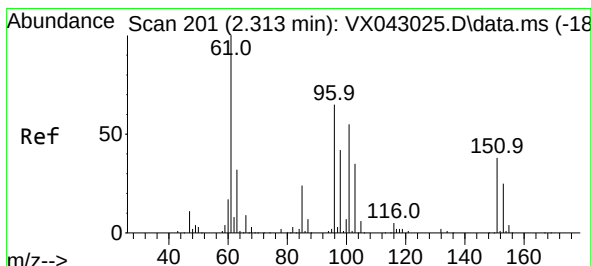
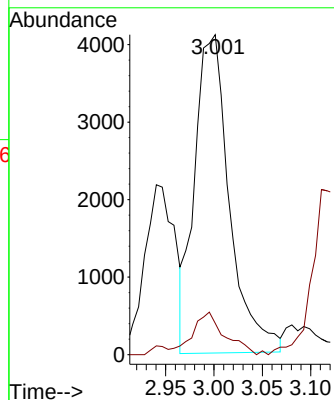
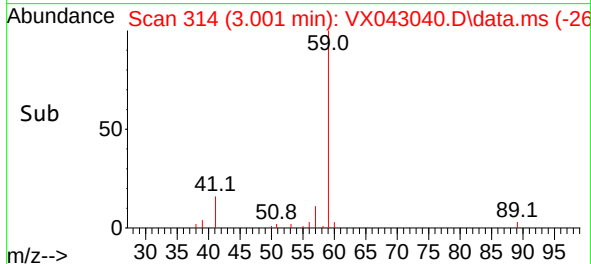
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT3-2024



Tgt Ion: 59 Resp: 10320
Ion Ratio Lower Upper
59 100
57 12.3 6.0 9.0

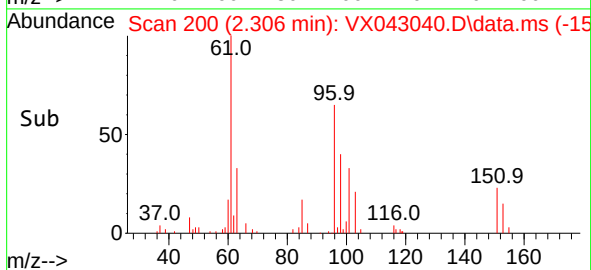
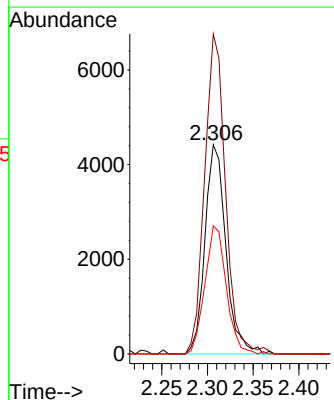
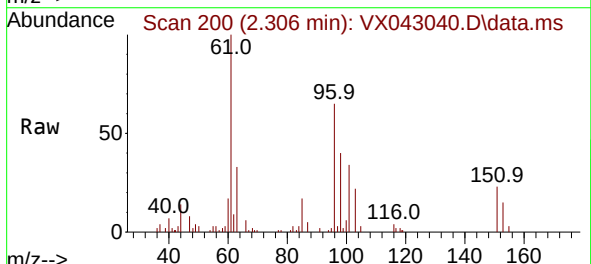
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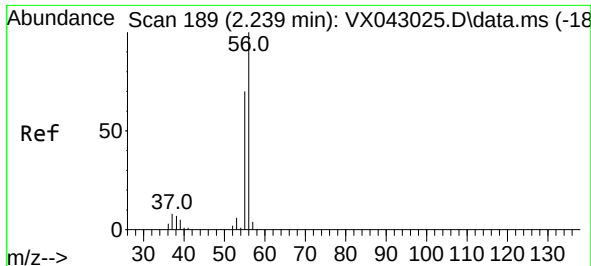
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#12
1,1-Dichloroethene
Concen: 5.171 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

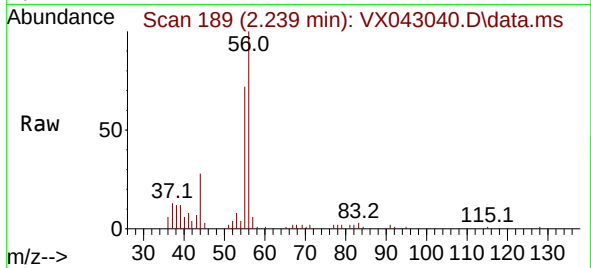
Tgt Ion: 96 Resp: 7051
Ion Ratio Lower Upper
96 100
61 152.9 144.6 216.8
98 61.1 50.4 75.6





#13
Acrolein
Concen: 26.493 ug/l
RT: 2.239 min Scan# 118
Delta R.T. -0.000 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

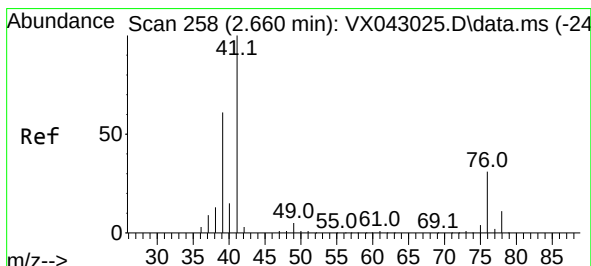
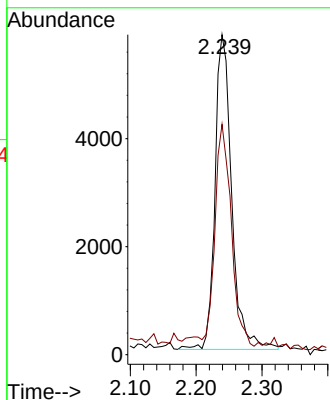
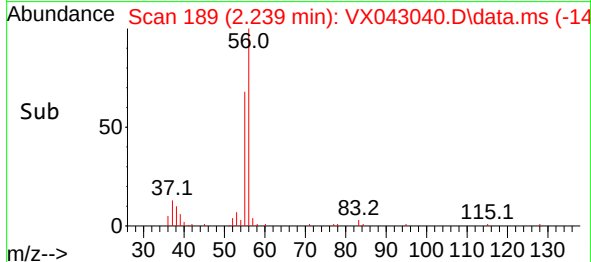
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion: 56 Resp: 1026
Ion Ratio Lower Upper
56 100
55 68.6 57.1 85.7

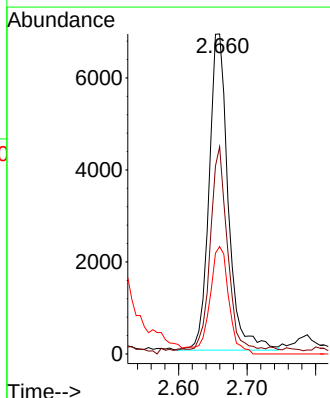
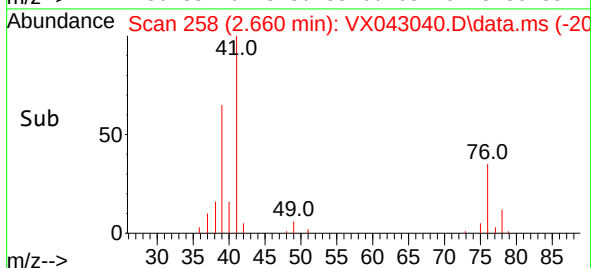
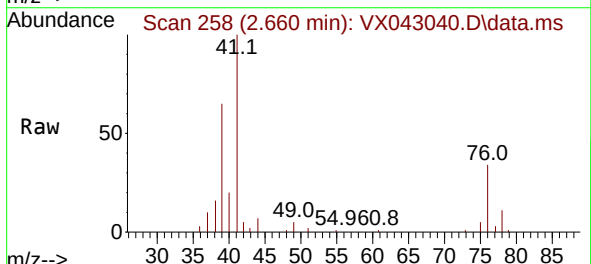
Manual Integrations
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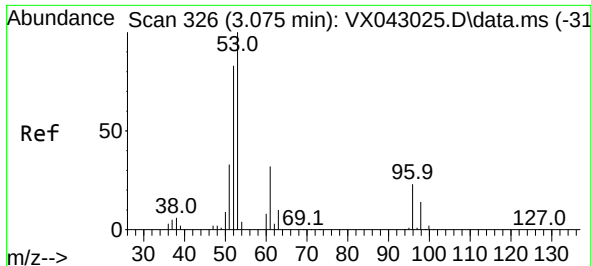
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#14
Allyl chloride
Concen: 5.240 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

Tgt Ion: 41 Resp: 13392
Ion Ratio Lower Upper
41 100
39 57.2 55.8 83.6
76 32.9 24.3 36.5





#15

Acrylonitrile

Concen: 25.828 ug/l

RT: 3.074 min Scan# 301

Delta R.T. -0.000 min

Lab File: VX043040.D

Acq: 14 Aug 2024 18:40

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2024

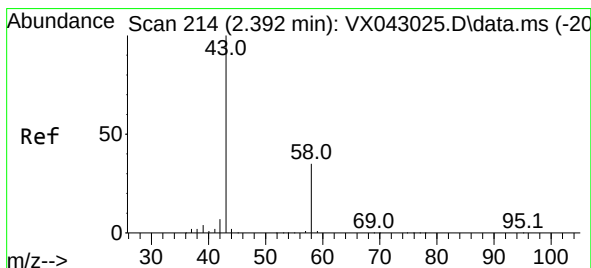
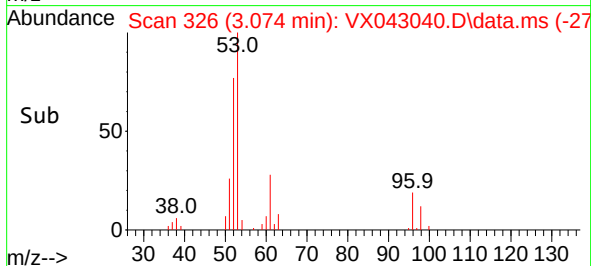
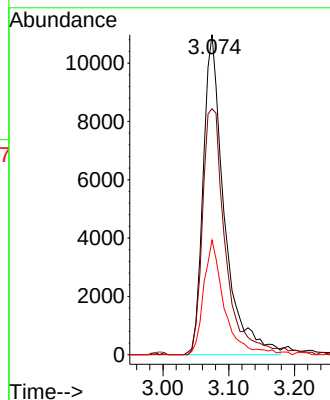
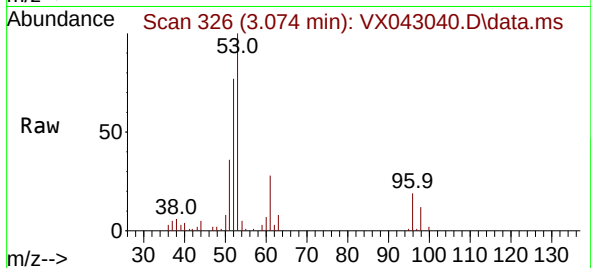
Tgt Ion: 53	Resp: 24518
Ion Ratio	Lower Upper
53	100
52	84.1 66.0 99.0
51	35.0 29.8 44.6

Manual Integrations

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Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#16

Acetone

Concen: 26.010 ug/l

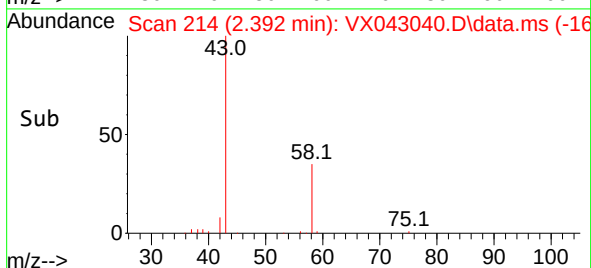
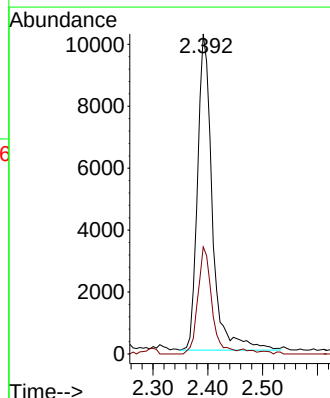
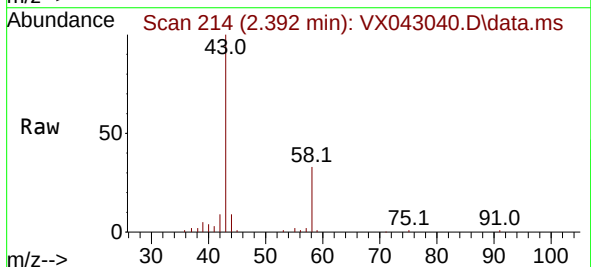
RT: 2.392 min Scan# 214

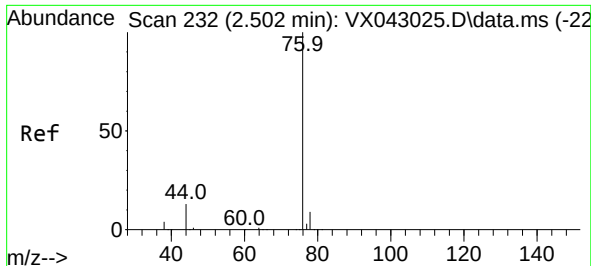
Delta R.T. -0.000 min

Lab File: VX043040.D

Acq: 14 Aug 2024 18:40

Tgt Ion: 43	Resp: 19163
Ion Ratio	Lower Upper
43	100
58	33.9 21.9 32.9#





#17

Carbon Disulfide

Concen: 4.836 ug/l

RT: 2.501 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX043040.D

Acq: 14 Aug 2024 18:40

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2024

Tgt Ion: 76 Resp: 18910

Ion Ratio Lower Upper

76 100

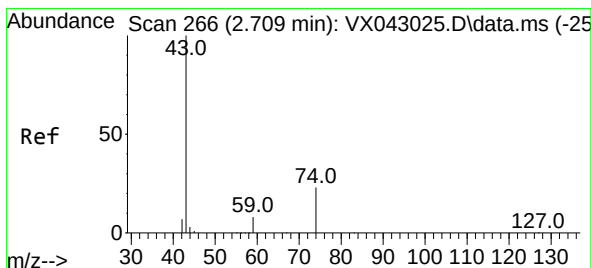
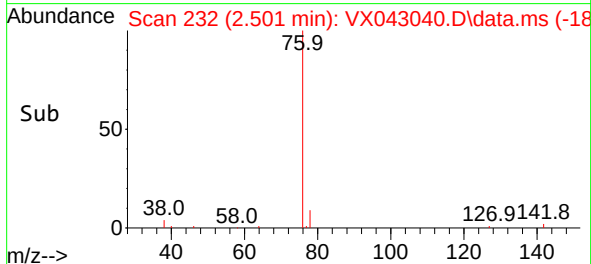
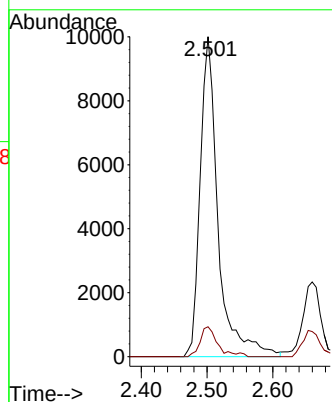
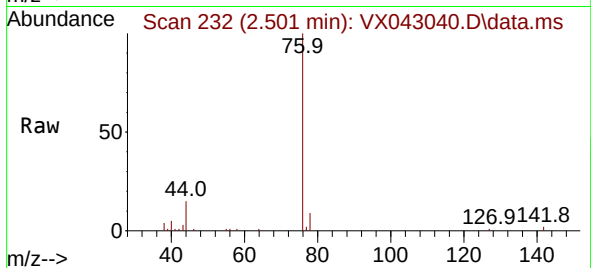
78 9.3 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#18

Methyl Acetate

Concen: 5.643 ug/l

RT: 2.709 min Scan# 266

Delta R.T. -0.000 min

Lab File: VX043040.D

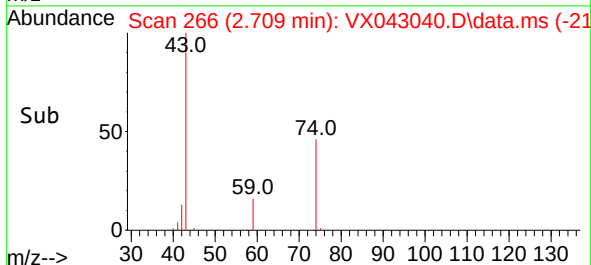
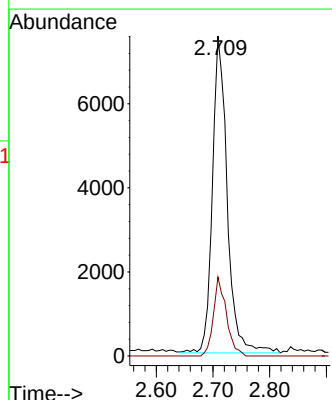
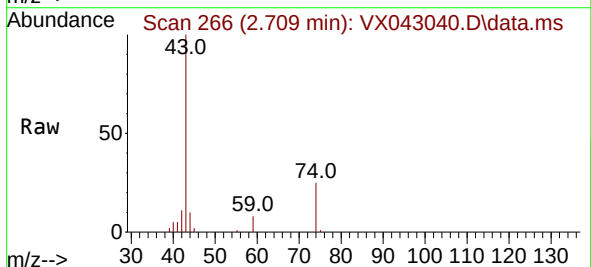
Acq: 14 Aug 2024 18:40

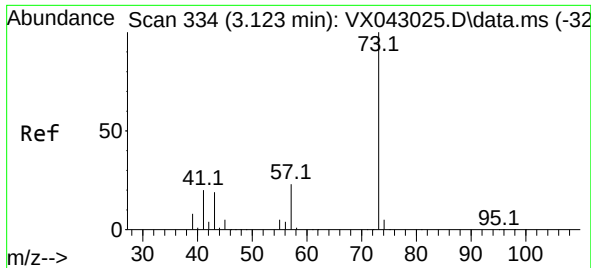
Tgt Ion: 43 Resp: 13738

Ion Ratio Lower Upper

43 100

74 21.7 17.8 26.8





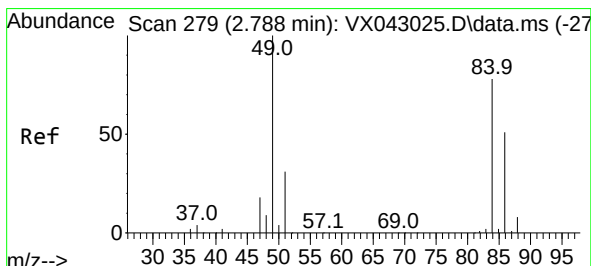
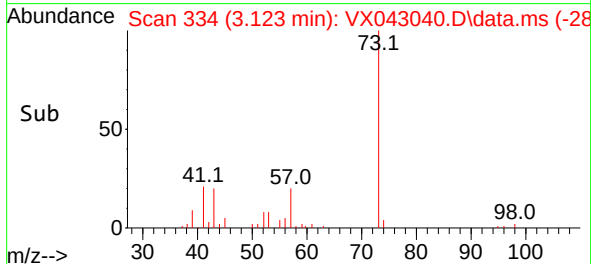
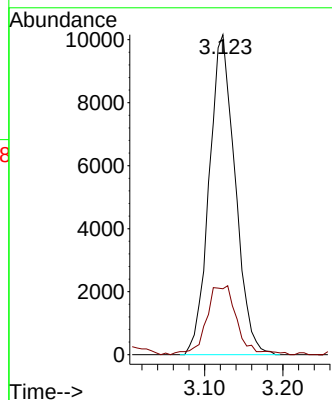
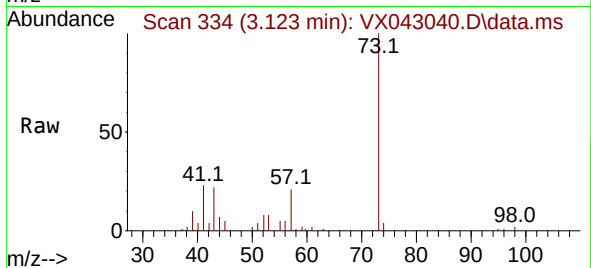
#19
Methyl tert-butyl Ether
Concen: 5.075 ug/l
RT: 3.123 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2024

Tgt Ion: 73 Resp: 2332
Ion Ratio Lower Upper
73 100
57 20.1 17.3 25.9

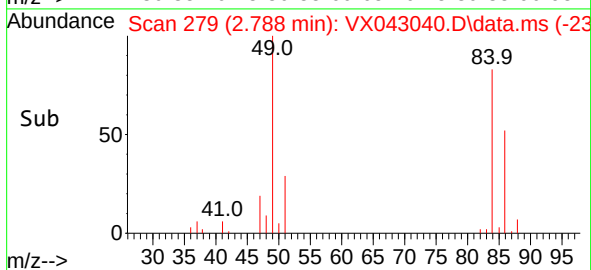
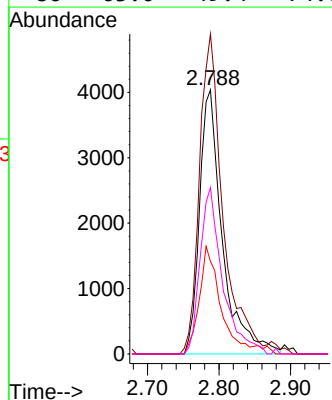
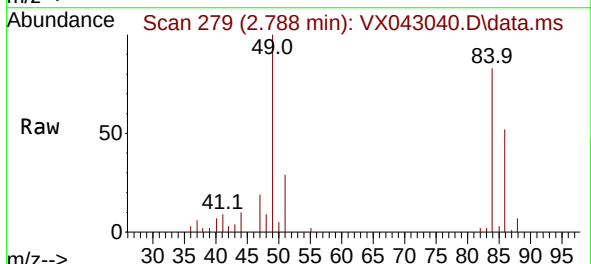
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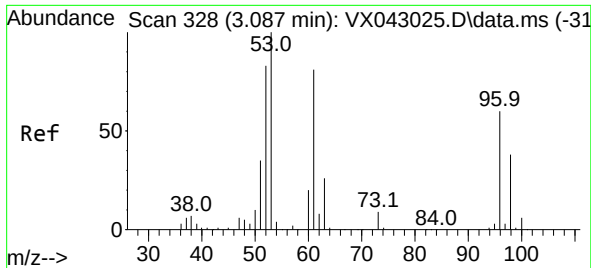
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#20
Methylene Chloride
Concen: 5.275 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

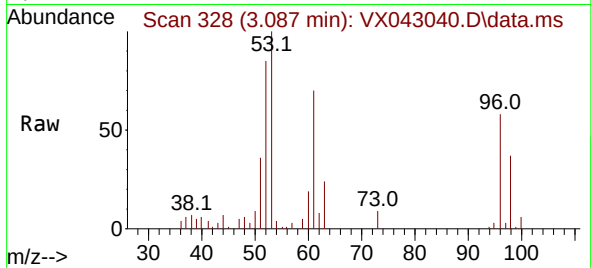
Tgt Ion: 84 Resp: 8988
Ion Ratio Lower Upper
84 100
49 121.1 103.6 155.4
51 35.1 33.8 50.6
86 63.0 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 4.936 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

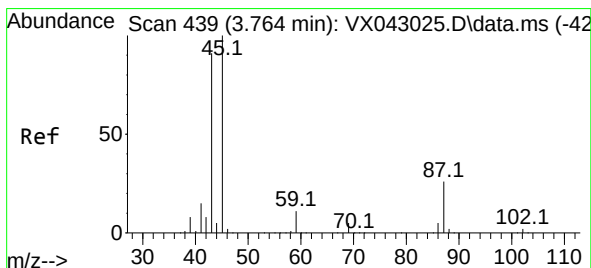
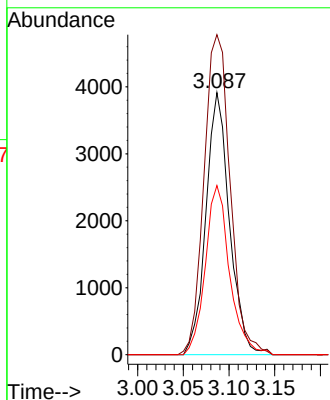
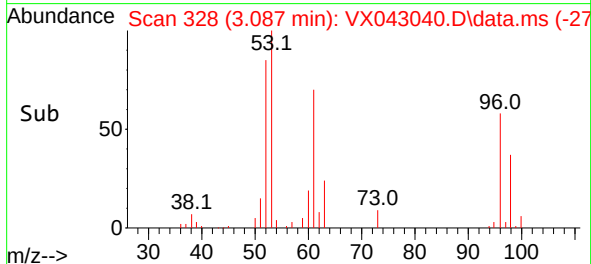
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion: 96 Resp: 7019
Ion Ratio Lower Upper
96 100
61 122.1 119.2 178.8
98 64.5 48.7 73.1

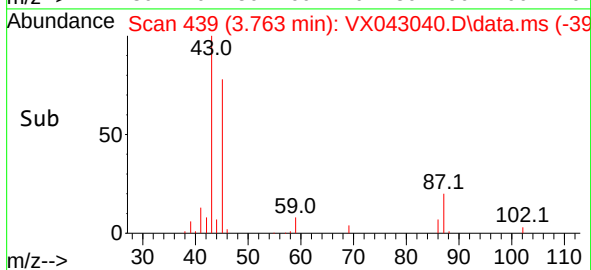
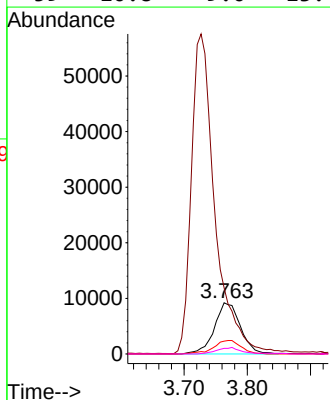
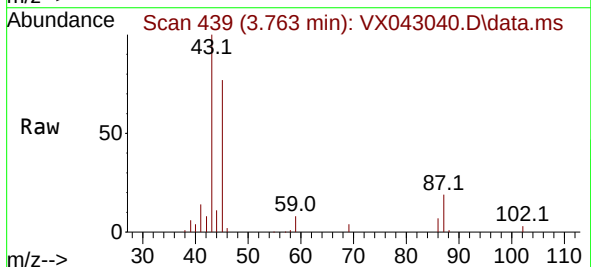
Manual Integrations
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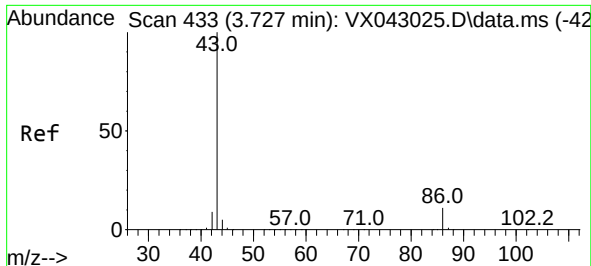
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#22
Diisopropyl ether
Concen: 5.029 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

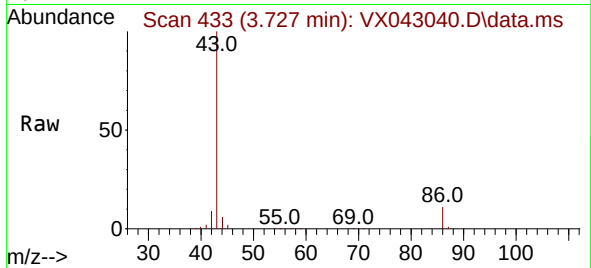
Tgt Ion: 45 Resp: 26246
Ion Ratio Lower Upper
45 100
43 122.9 69.7 104.5#
87 25.1 20.8 31.2
59 10.8 9.0 13.4





#23
 Vinyl Acetate
 Concen: 24.622 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX043040.D
 Acq: 14 Aug 2024 18:40

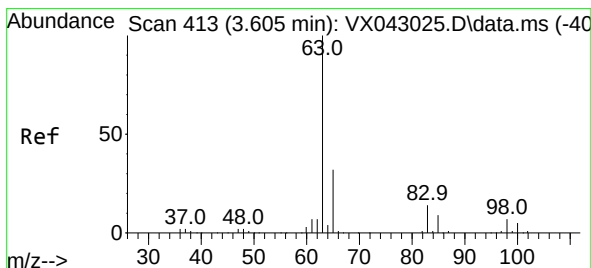
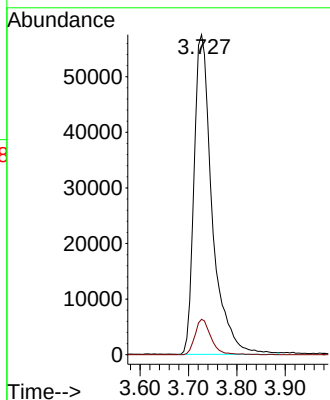
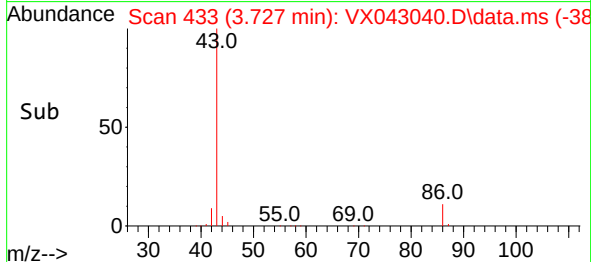
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2024



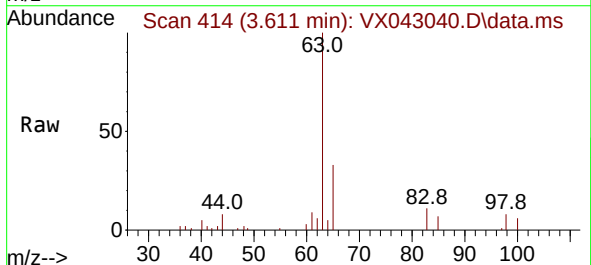
Tgt Ion: 43 Resp: 14980
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.8 11.8

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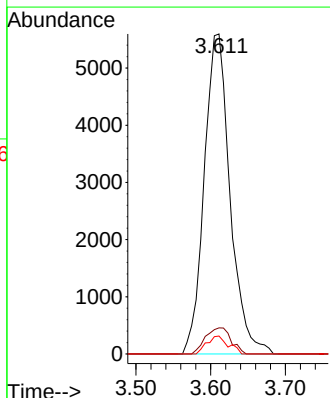
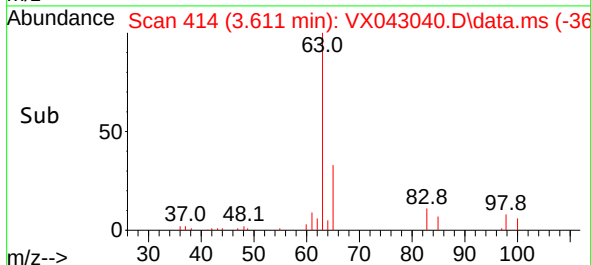
Reviewed By :John Carlone 08/15/2024
 Supervised By :Mahesh Dadoda 08/15/2024

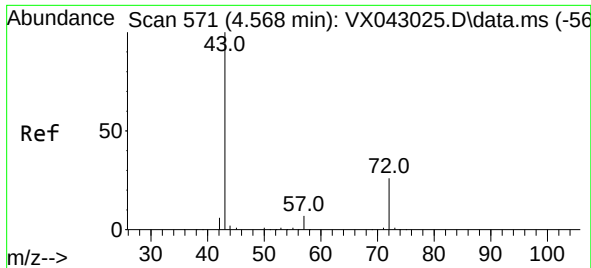


#24
 1,1-Dichloroethane
 Concen: 5.117 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX043040.D
 Acq: 14 Aug 2024 18:40



Tgt Ion: 63 Resp: 13467
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.3 9.8
 100 5.6 2.1 6.5





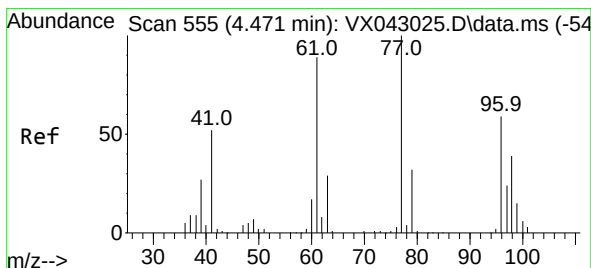
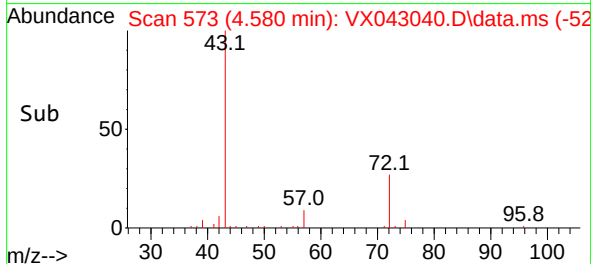
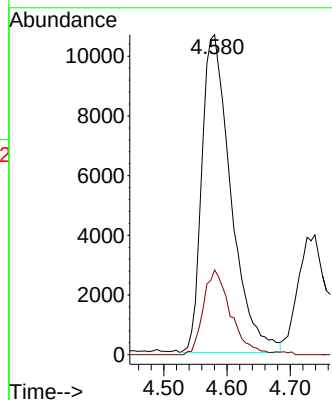
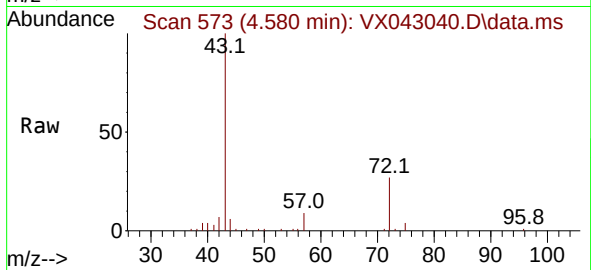
#25
2-Butanone
Concen: 26.443 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2024

Tgt Ion: 43 Resp: 3415
Ion Ratio Lower Upper
43 100
72 26.7 19.4 29.2

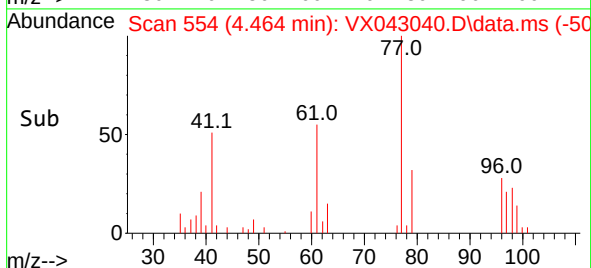
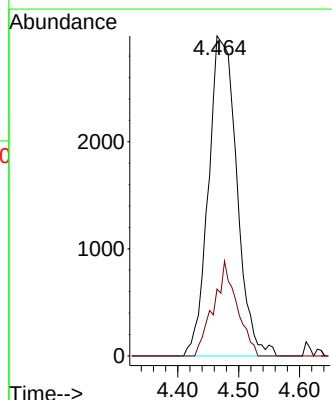
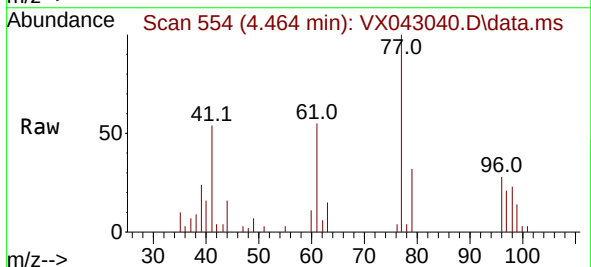
Manual Integrations
APPROVED

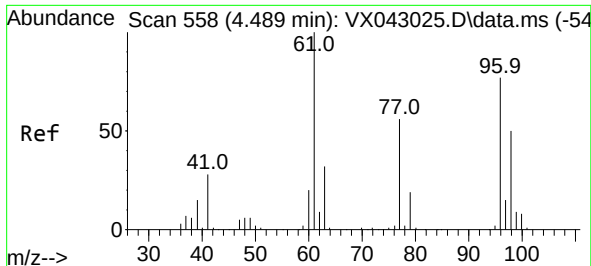
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#26
2,2-Dichloropropane
Concen: 4.606 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

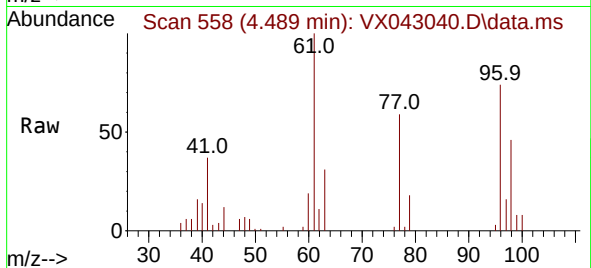
Tgt Ion: 77 Resp: 9657
Ion Ratio Lower Upper
77 100
97 24.6 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 4.972 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. -0.000 min
 Lab File: VX043040.D
 Acq: 14 Aug 2024 18:40

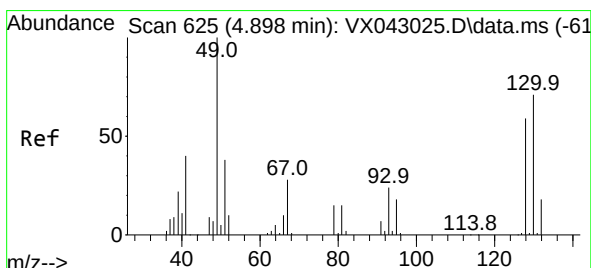
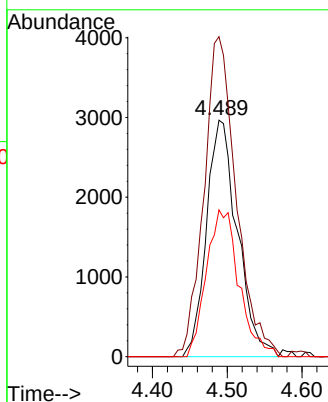
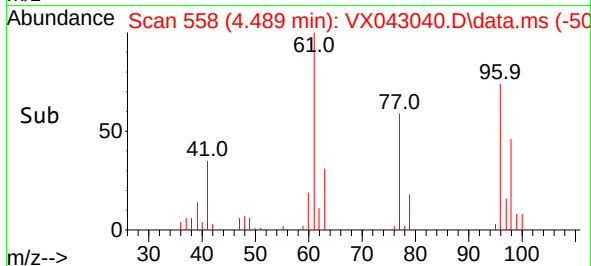
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2024



Tgt Ion: 96 Resp: 853
 Ion Ratio Lower Upper
 96 100
 61 141.3 0.0 312.2
 98 65.4 0.0 129.0

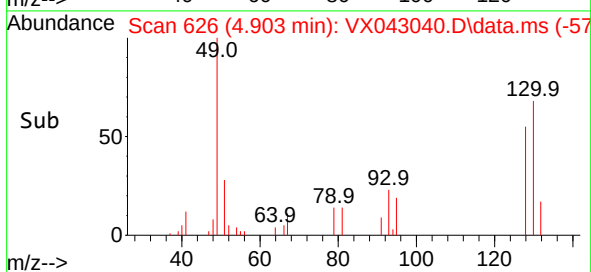
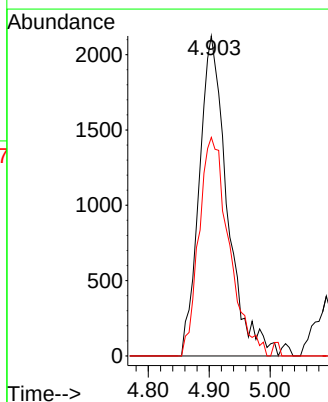
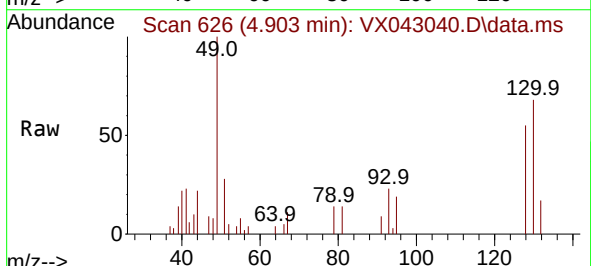
Manual Integrations
 APPROVED

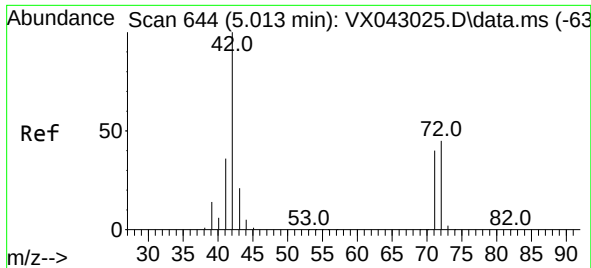
Reviewed By :John Carlone 08/15/2024
 Supervised By :Mahesh Dadoda 08/15/2024



#28
 Bromochloromethane
 Concen: 5.706 ug/l
 RT: 4.903 min Scan# 626
 Delta R.T. 0.006 min
 Lab File: VX043040.D
 Acq: 14 Aug 2024 18:40

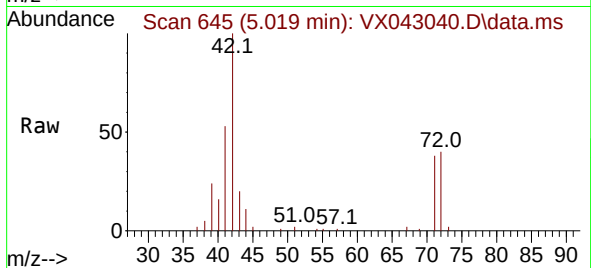
Tgt Ion: 49 Resp: 6794
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 73.1 57.5 86.3





#29
Tetrahydrofuran
Concen: 25.847 ug/l
RT: 5.019 min Scan# 644
Delta R.T. 0.006 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

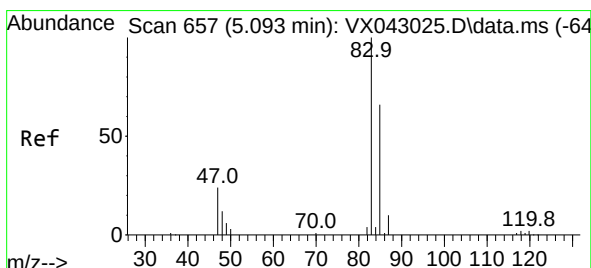
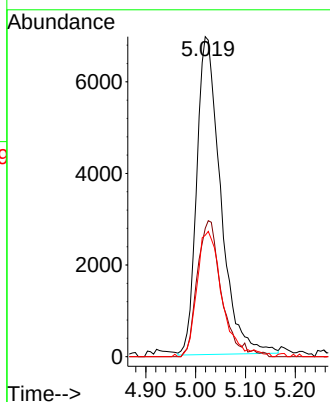
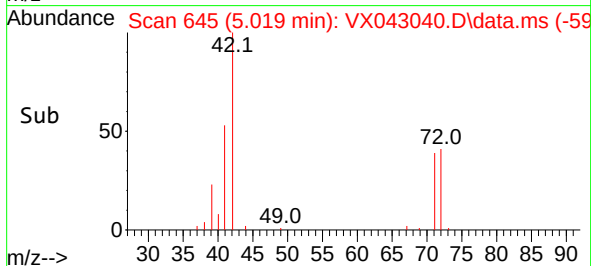
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion: 42 Resp: 23138
Ion Ratio Lower Upper
42 100
72 43.4 34.2 51.4
71 41.3 32.2 48.2

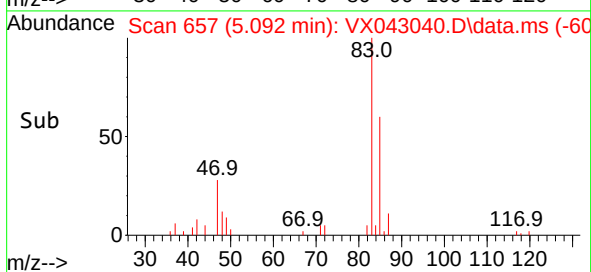
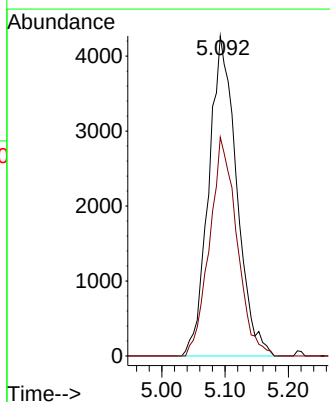
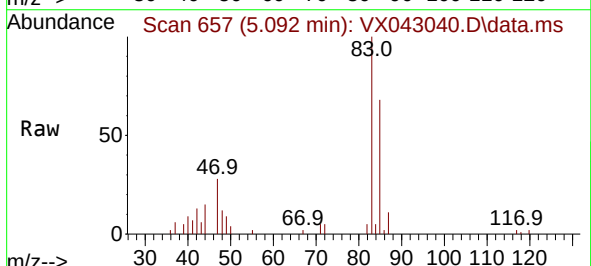
Manual Integrations
APPROVED

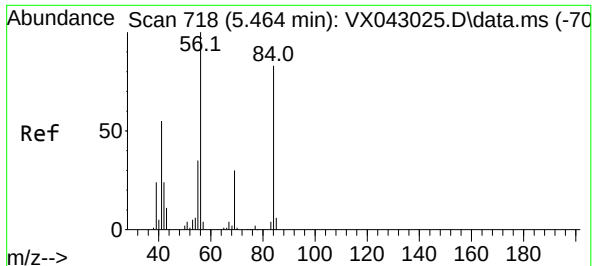
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#30
Chloroform
Concen: 5.170 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

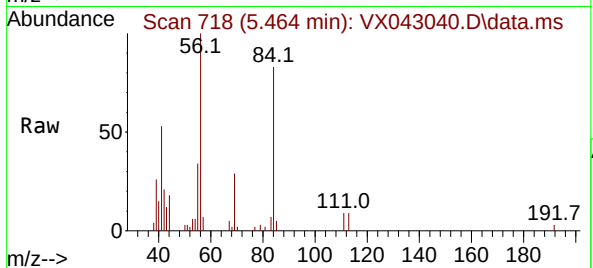
Tgt Ion: 83 Resp: 13073
Ion Ratio Lower Upper
83 100
85 68.4 50.3 75.5





#31
Cyclohexane
Concen: 4.764 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

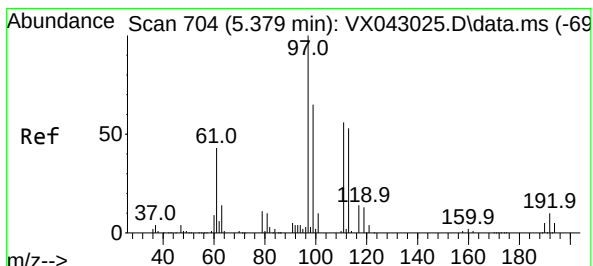
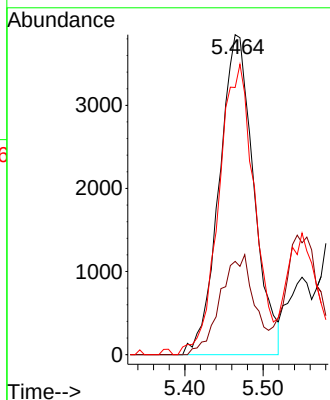
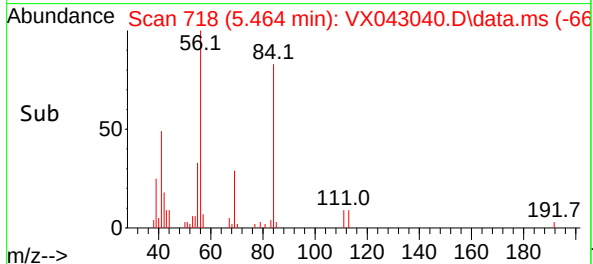
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT3-2024



Tgt Ion: 56 Resp: 11794
Ion Ratio Lower Upper
56 100
69 29.1 23.4 35.2
84 83.5 65.9 98.9

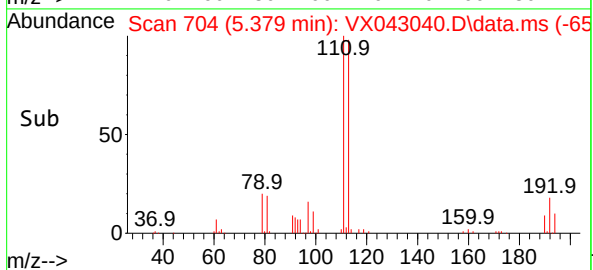
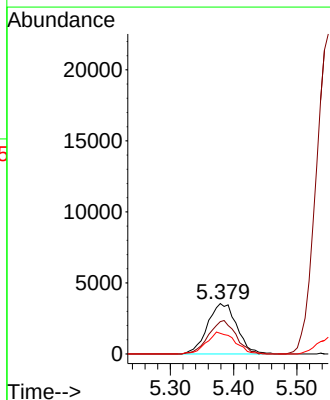
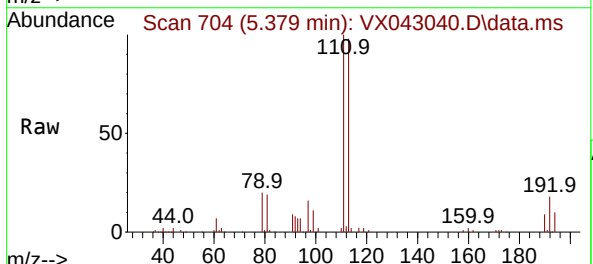
Manual Integrations
APPROVED

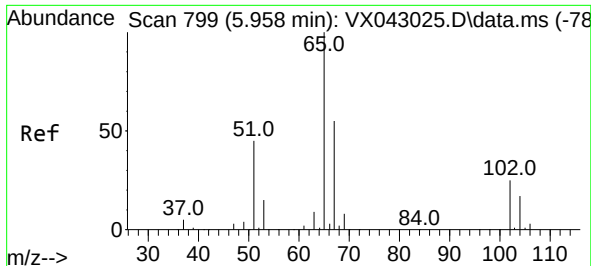
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#32
1,1,1-Trichloroethane
Concen: 5.407 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

Tgt Ion: 97 Resp: 11413
Ion Ratio Lower Upper
97 100
99 61.9 51.1 76.7
61 41.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 53.925 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX043040.D

Acq: 14 Aug 2024 18:40

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2024

Tgt Ion: 65 Resp: 8010

Ion Ratio Lower Upper

65 100

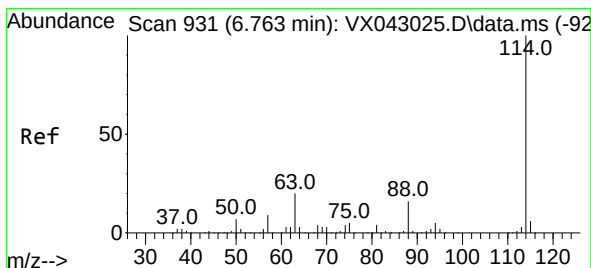
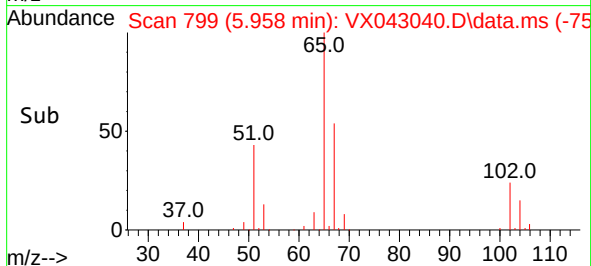
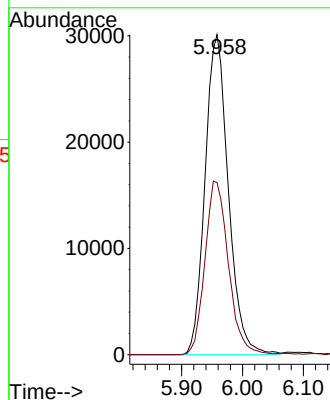
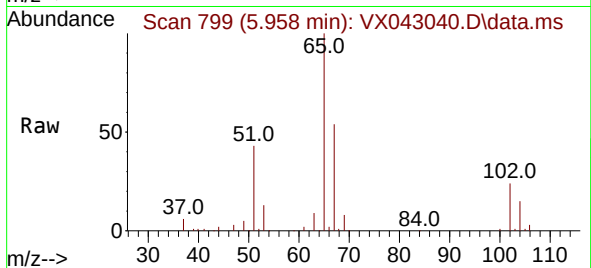
67 54.5 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX043040.D

Acq: 14 Aug 2024 18:40

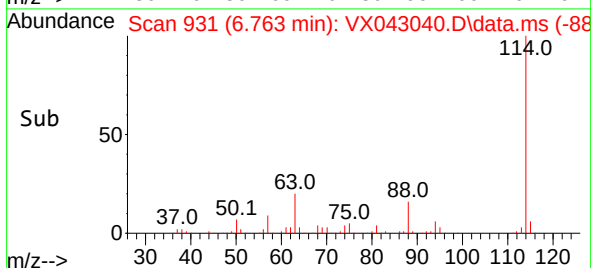
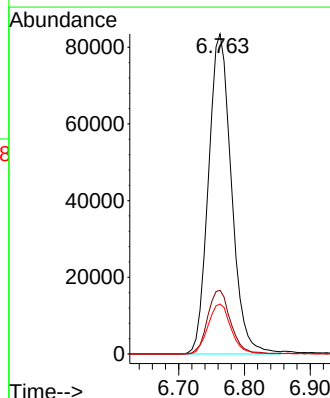
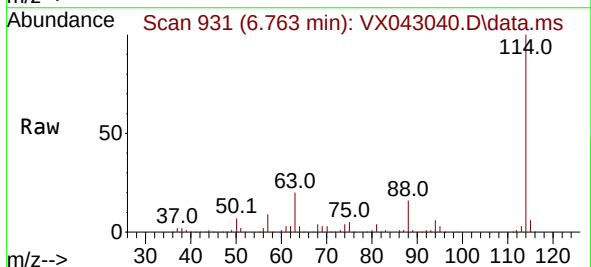
Tgt Ion:114 Resp: 203005

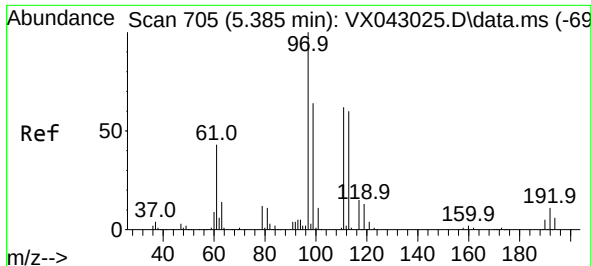
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

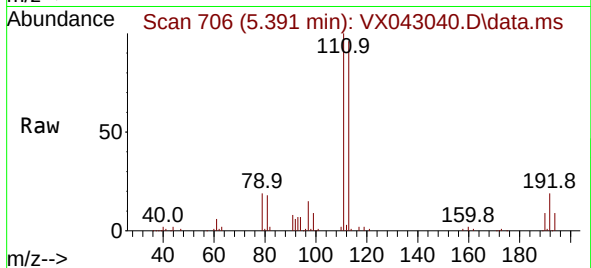
88 15.6 0.0 36.6





#35
Dibromofluoromethane
Concen: 53.575 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

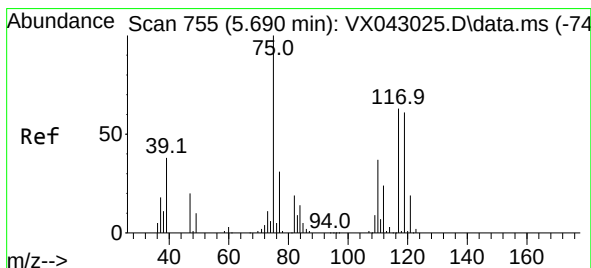
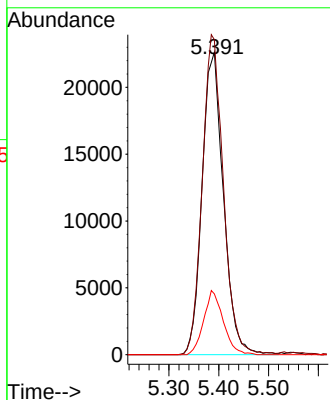
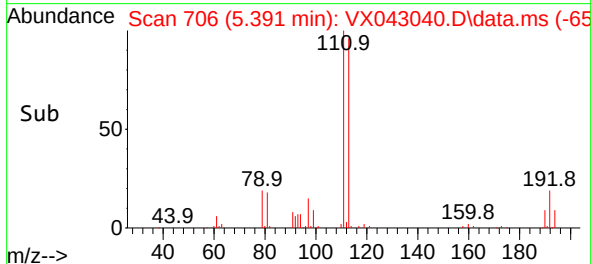
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion: 113 Resp: 6728
Ion Ratio Lower Upper
113 100
111 104.2 82.9 124.3
192 19.4 13.3 19.9

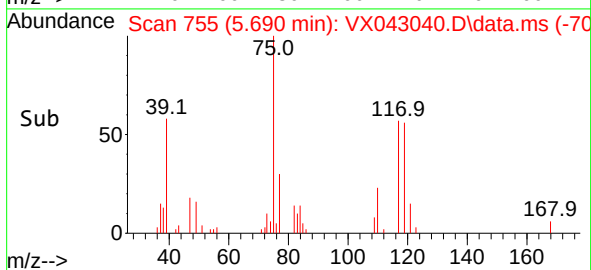
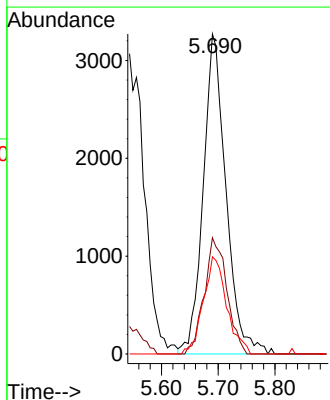
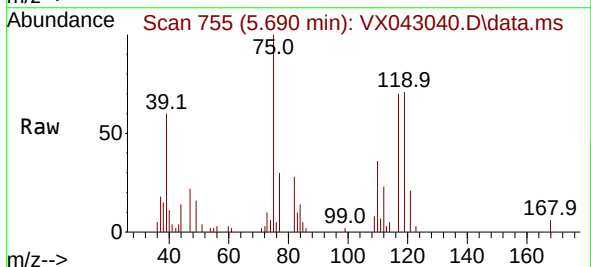
Manual Integrations
APPROVED

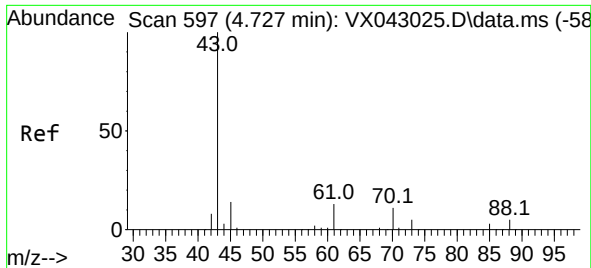
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#36
1,1-Dichloropropene
Concen: 5.229 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

Tgt Ion: 75 Resp: 9123
Ion Ratio Lower Upper
75 100
110 36.1 17.0 50.9
77 31.2 24.7 37.1





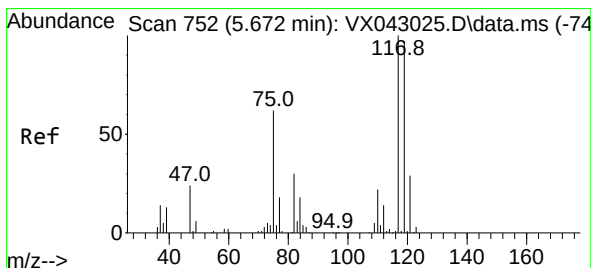
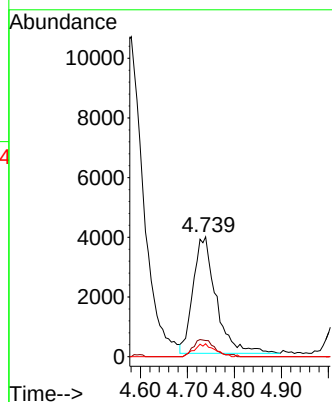
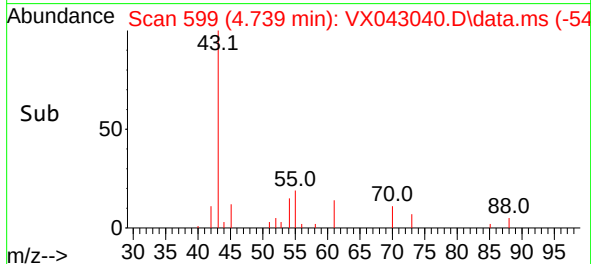
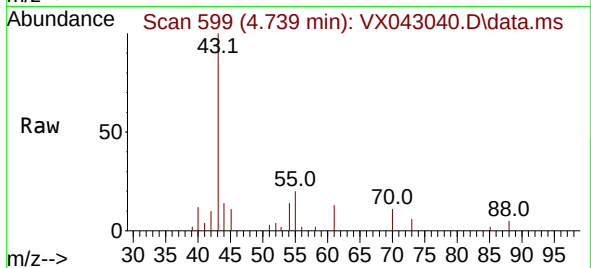
#37
Ethyl Acetate
Concen: 5.421 ug/l
RT: 4.739 min Scan# 597
Delta R.T. 0.012 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT3-2024

Tgt Ion: 43	Resp: 1332
Ion Ratio	Lower Upper
43 100	
61 13.6	10.6 16.0
70 9.8	8.3 12.5

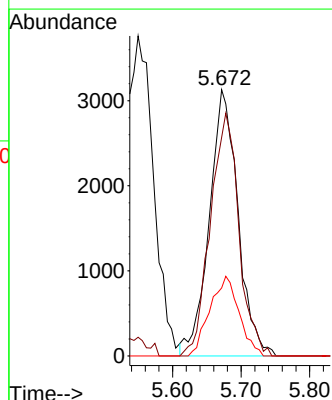
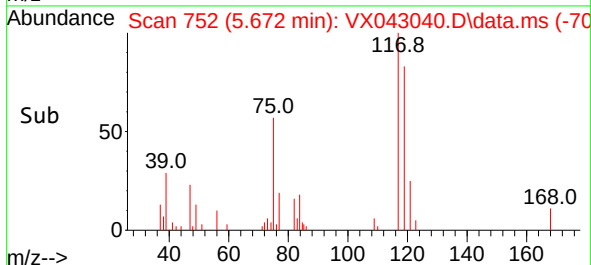
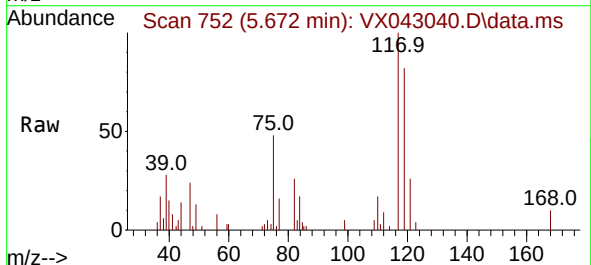
Manual Integrations
APPROVED

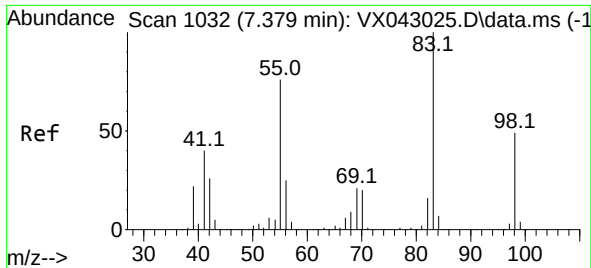
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#38
Carbon Tetrachloride
Concen: 5.148 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

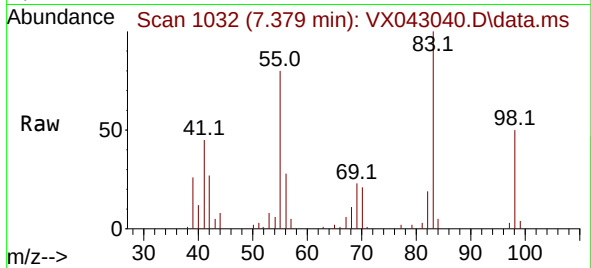
Tgt Ion: 117	Resp: 9082
Ion Ratio	Lower Upper
117 100	
119 82.1	78.2 117.2
121 25.5	24.4 36.6





#39
Methylcyclohexane
Concen: 4.983 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

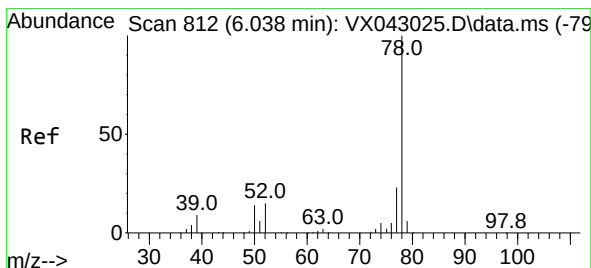
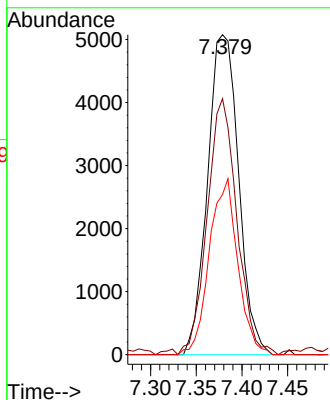
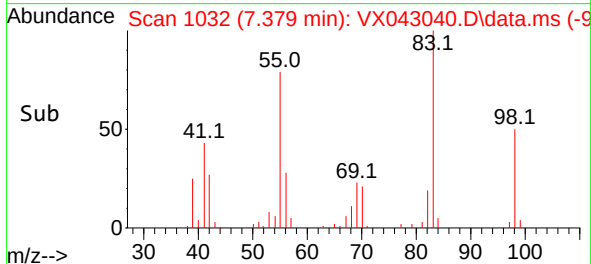
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT3-2024



Tgt Ion: 83 Resp: 1203
Ion Ratio Lower Upper
83 100
55 80.0 64.6 97.0
98 50.0 36.7 55.1

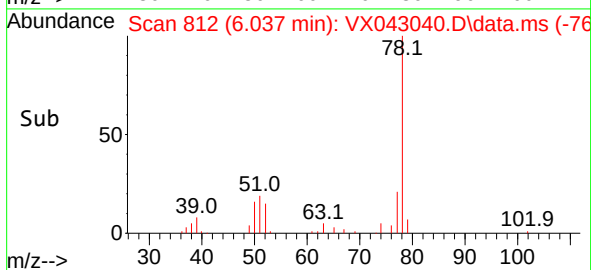
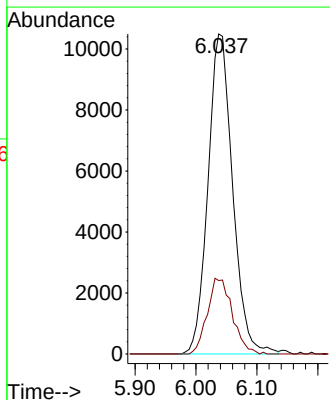
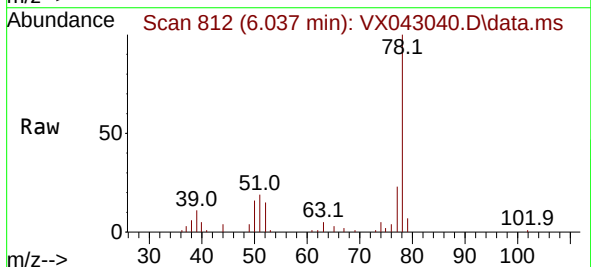
Manual Integrations
APPROVED

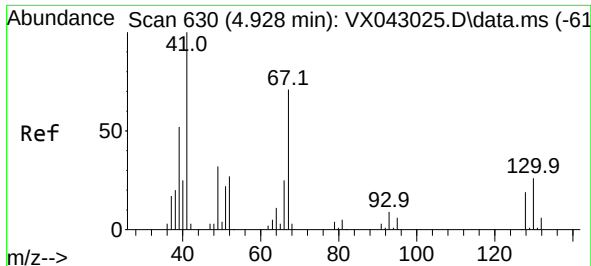
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#40
Benzene
Concen: 4.958 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

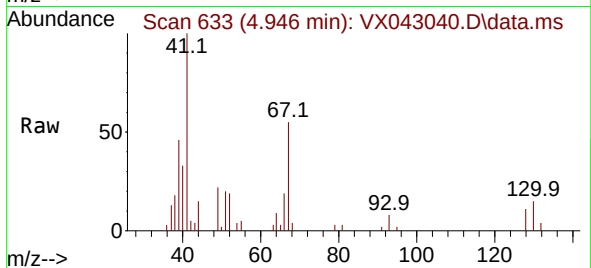
Tgt Ion: 78 Resp: 29469
Ion Ratio Lower Upper
78 100
77 23.0 19.3 28.9





#41
Methacrylonitrile
Concen: 5.171 ug/l
RT: 4.946 min Scan# 61
Delta R.T. 0.018 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

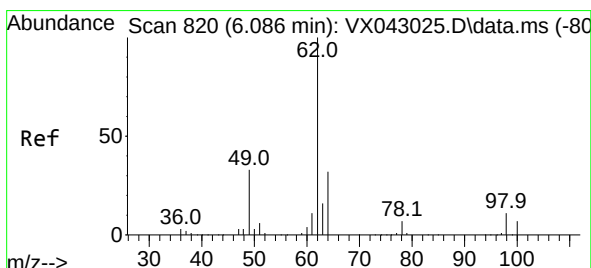
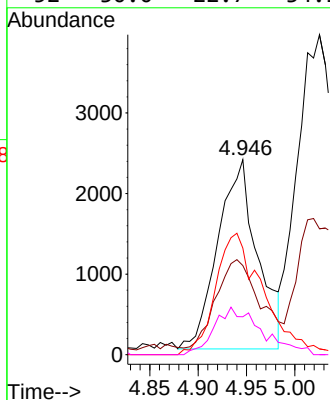
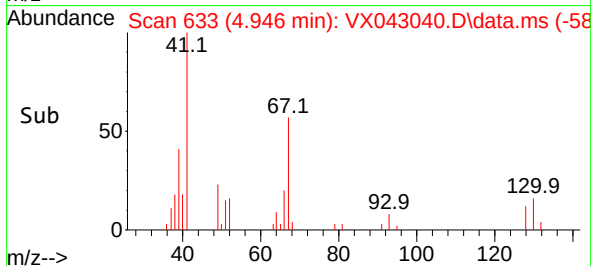
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion: 41 Resp: 6698
Ion Ratio Lower Upper
41 100
39 52.3 45.2 67.8
67 77.3 52.6 78.8
52 30.0 22.7 34.1

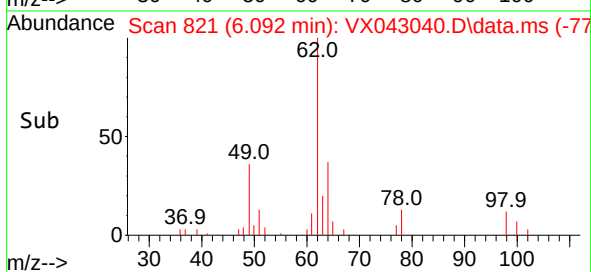
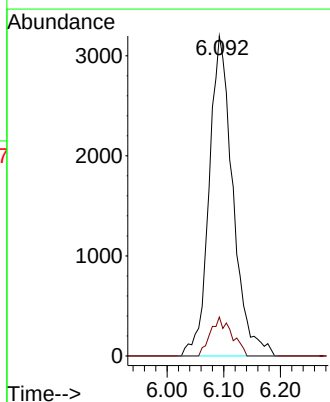
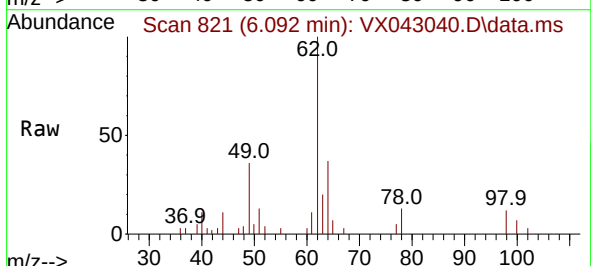
Manual Integrations
APPROVED

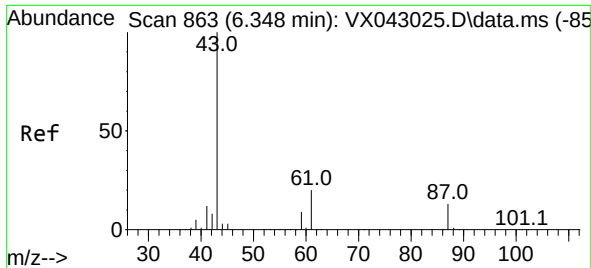
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#42
1,2-Dichloroethane
Concen: 5.378 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

Tgt Ion: 62 Resp: 9298
Ion Ratio Lower Upper
62 100
98 10.9 0.0 16.0





#43

Isopropyl Acetate

Concen: 5.032 ug/l

RT: 6.354 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX043040.D

Acq: 14 Aug 2024 18:40

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2024

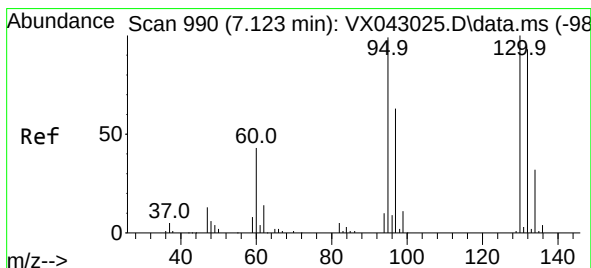
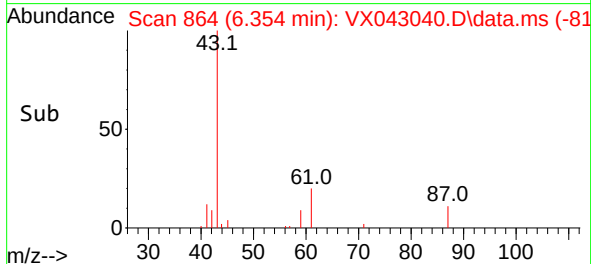
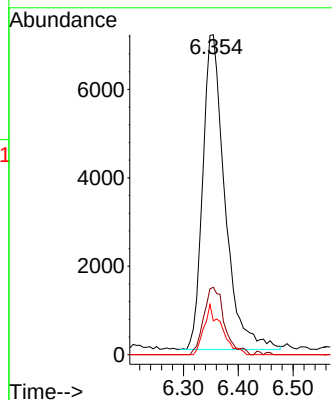
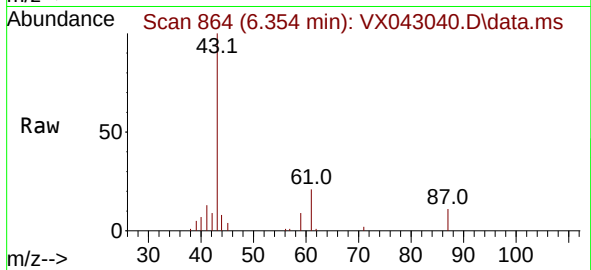
Tgt Ion: 43	Resp: 19954
Ion Ratio	Lower Upper
43 100	
61 19.9	15.2 22.8
87 12.7	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#44

Trichloroethene

Concen: 5.180 ug/l

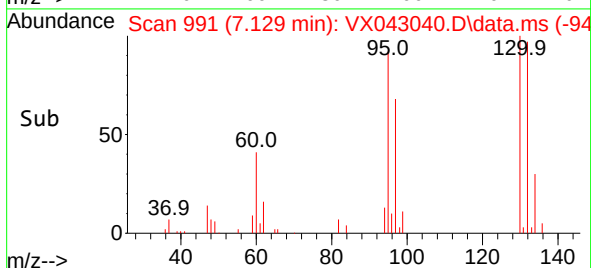
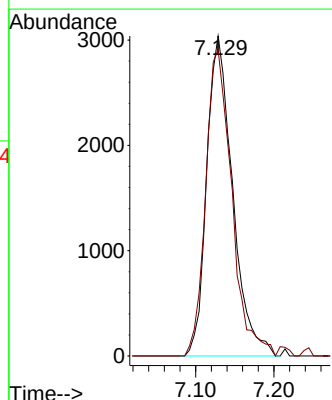
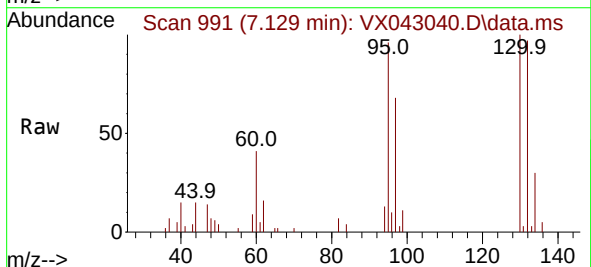
RT: 7.129 min Scan# 991

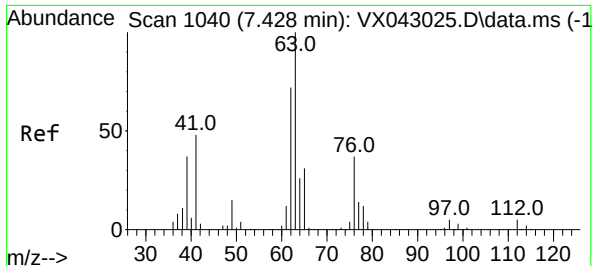
Delta R.T. 0.006 min

Lab File: VX043040.D

Acq: 14 Aug 2024 18:40

Tgt Ion:130	Resp: 6972
Ion Ratio	Lower Upper
130 100	
95 95.8	0.0 204.4





#45

1,2-Dichloropropane

Concen: 5.321 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX043040.D

Acq: 14 Aug 2024 18:40

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2024

Tgt Ion: 63 Resp: 778

Ion Ratio Lower Upper

63 100

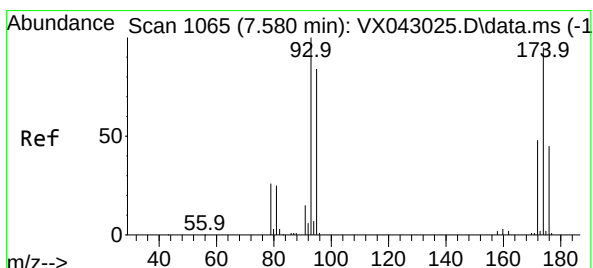
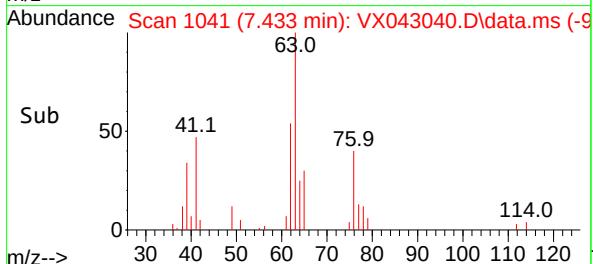
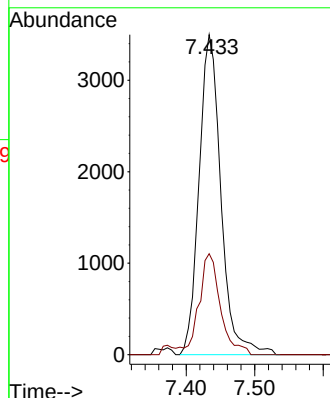
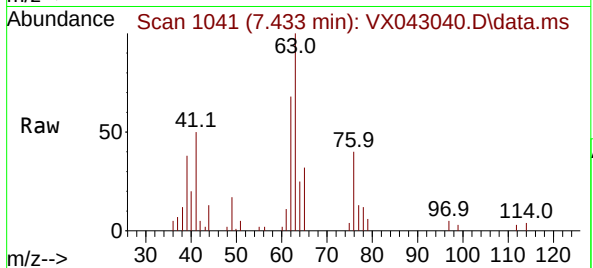
65 31.5 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#46

Dibromomethane

Concen: 5.241 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX043040.D

Acq: 14 Aug 2024 18:40

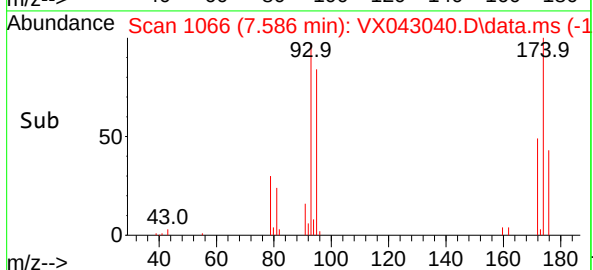
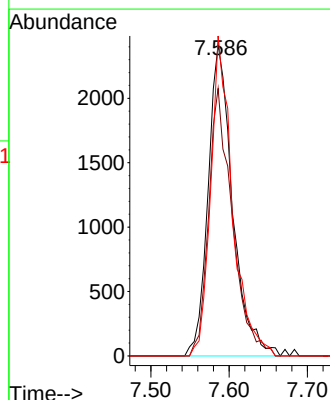
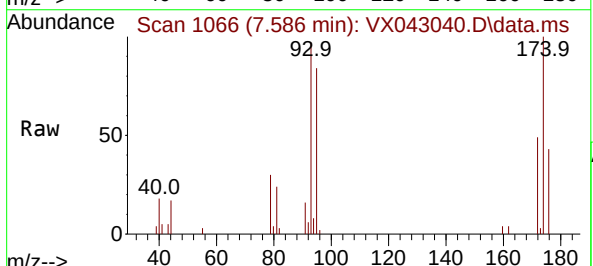
Tgt Ion: 93 Resp: 5242

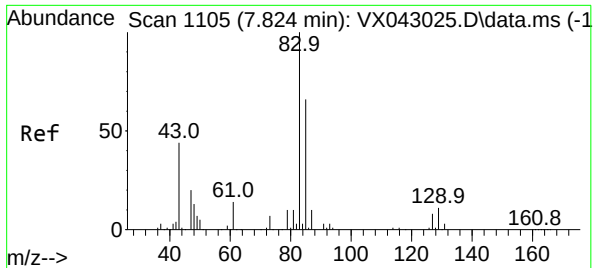
Ion Ratio Lower Upper

93 100

95 82.9 66.6 100.0

174 91.3 69.4 104.0





#47

Bromodichloromethane

Concen: 4.960 ug/l

RT: 7.830 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VX043040.D

Acq: 14 Aug 2024 18:40

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2024

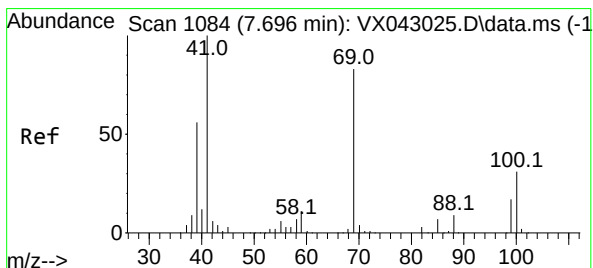
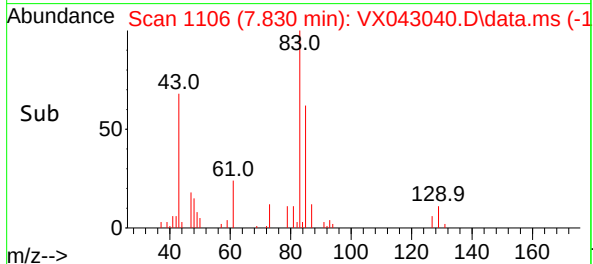
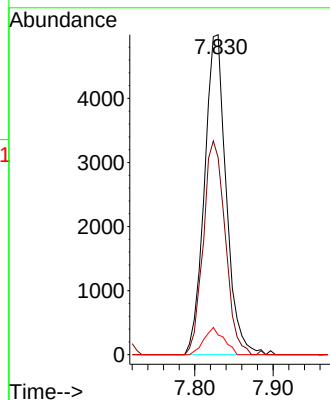
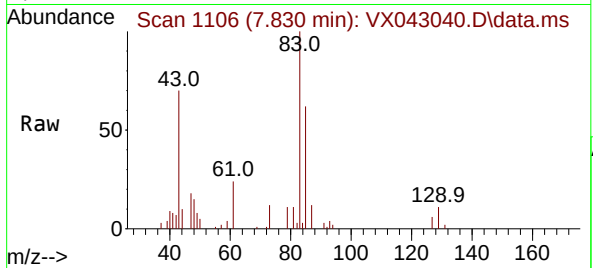
Tgt Ion: 83	Resp: 963
Ion Ratio	Lower Upper
83	100
85	61.6 49.8 74.6
127	6.1 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#48

Methyl methacrylate

Concen: 5.076 ug/l

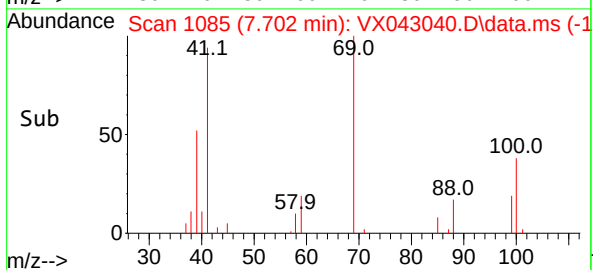
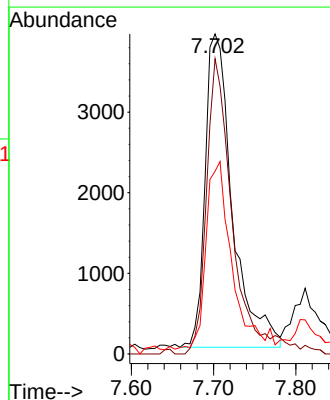
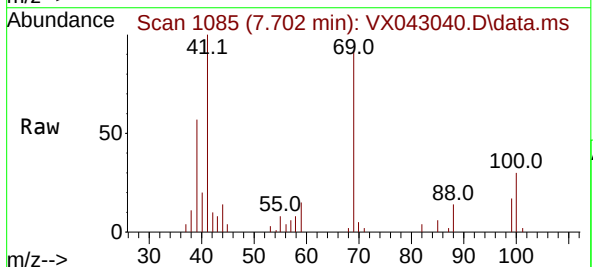
RT: 7.702 min Scan# 1085

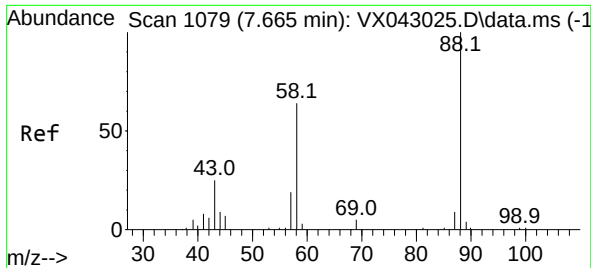
Delta R.T. 0.006 min

Lab File: VX043040.D

Acq: 14 Aug 2024 18:40

Tgt Ion: 41	Resp: 8975
Ion Ratio	Lower Upper
41	100
69	90.8 59.2 88.8
39	53.9 47.7 71.5





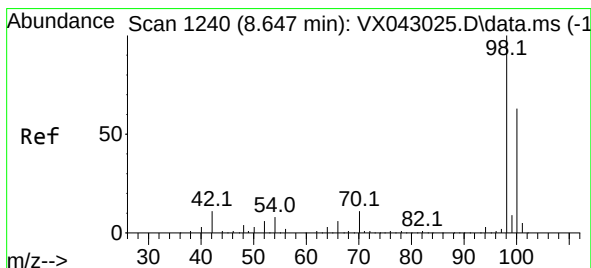
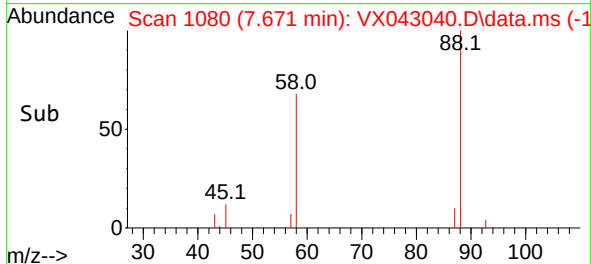
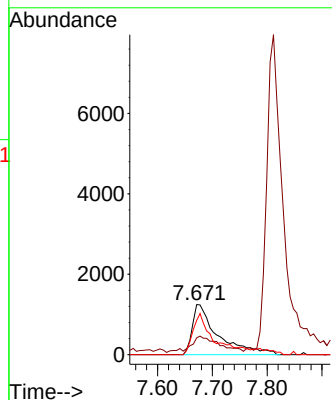
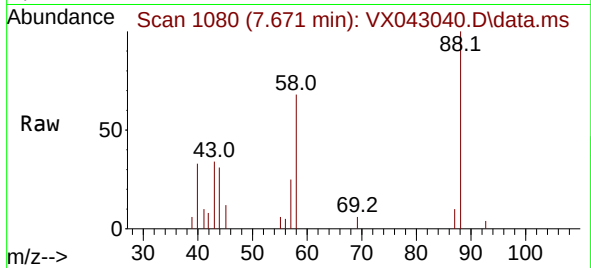
#49
1,4-Dioxane
Concen: 104.389 ug/l
RT: 7.671 min Scan# 1079
Delta R.T. 0.006 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2024

Tgt Ion: 88 Resp: 404
Ion Ratio Lower Upper
88 100
43 35.9 0.0 0.0
58 67.6 60.1 90.1

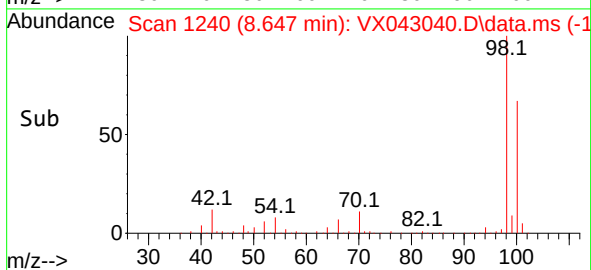
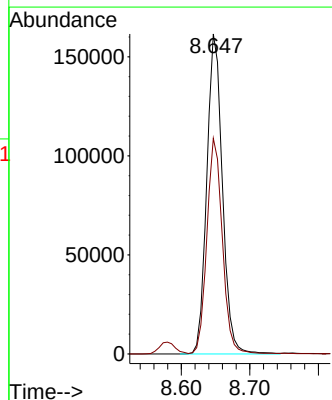
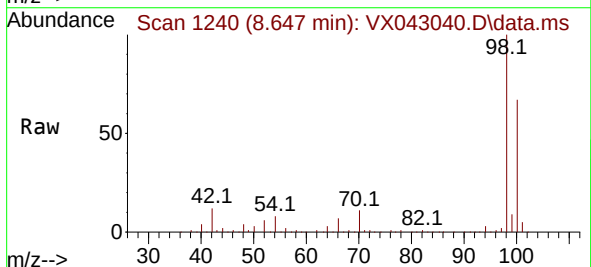
Manual Integrations
APPROVED

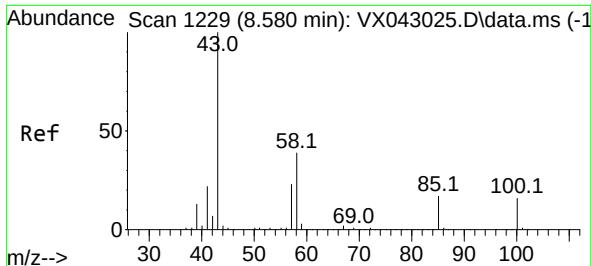
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#50
Toluene-d8
Concen: 52.857 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

Tgt Ion: 98 Resp: 256245
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7





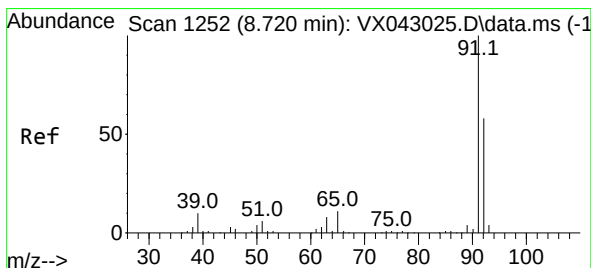
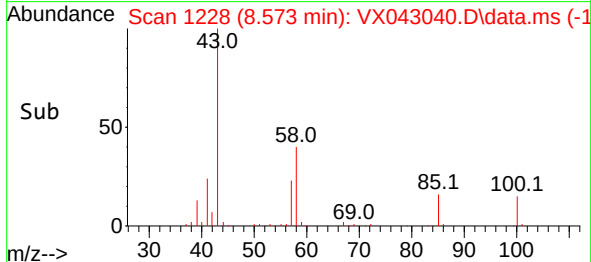
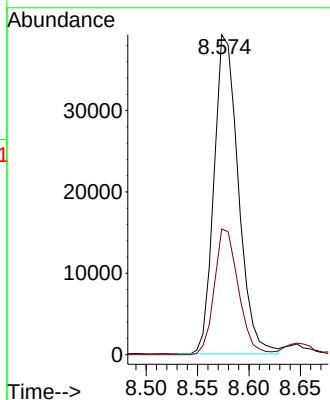
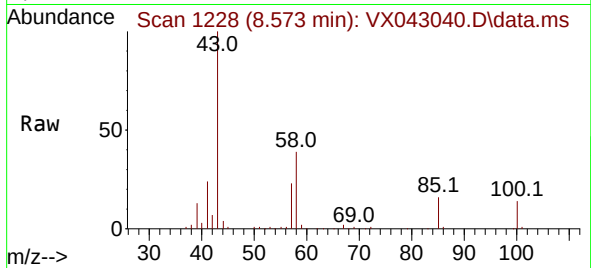
#51
4-Methyl-2-Pentanone
Concen: 25.667 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2024

Tgt Ion: 43 Resp: 6468
Ion Ratio Lower Upper
43 100
58 38.9 30.4 45.6

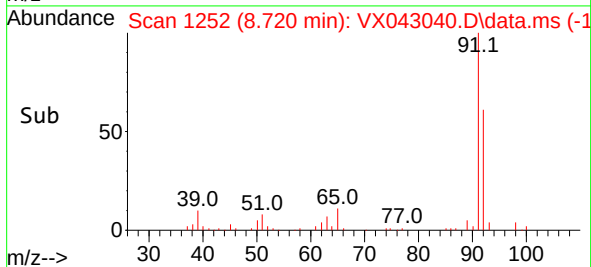
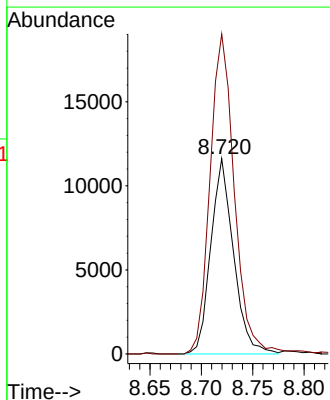
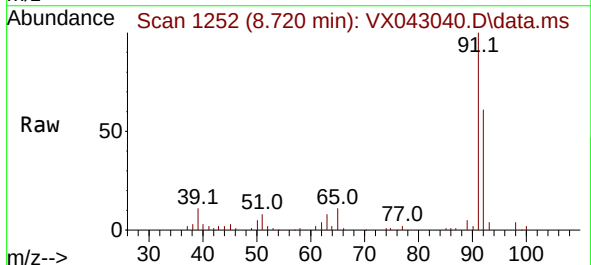
Manual Integrations
APPROVED

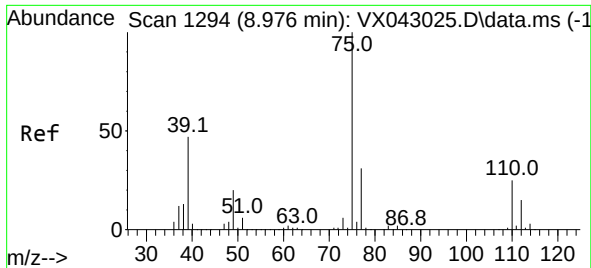
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#52
Toluene
Concen: 4.973 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

Tgt Ion: 92 Resp: 17856
Ion Ratio Lower Upper
92 100
91 176.0 134.2 201.2





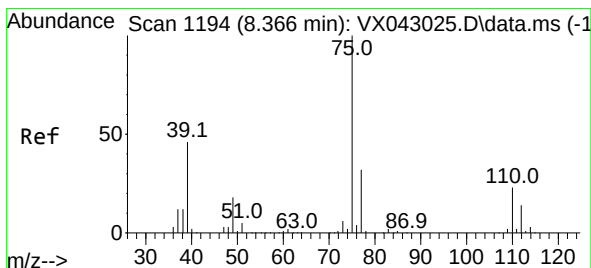
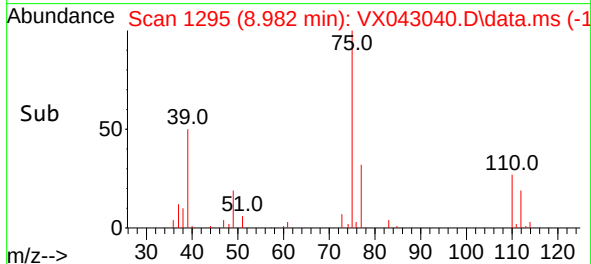
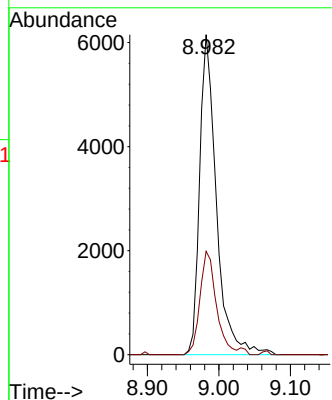
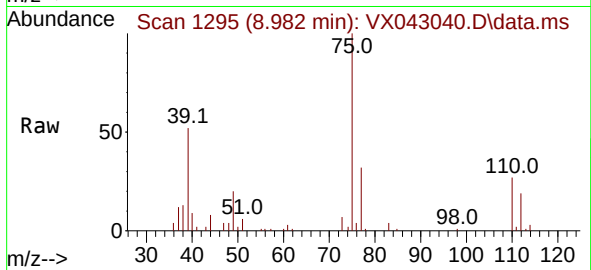
#53
t-1,3-Dichloropropene
Concen: 4.708 ug/l
RT: 8.982 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT3-2024

Tgt Ion: 75 Resp: 9984
Ion Ratio Lower Upper
75 100
77 32.3 25.7 38.5

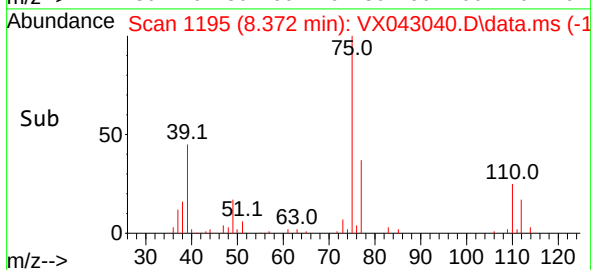
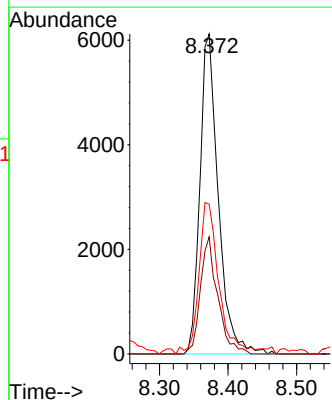
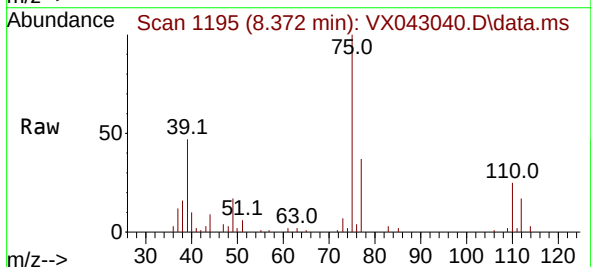
Manual Integrations
APPROVED

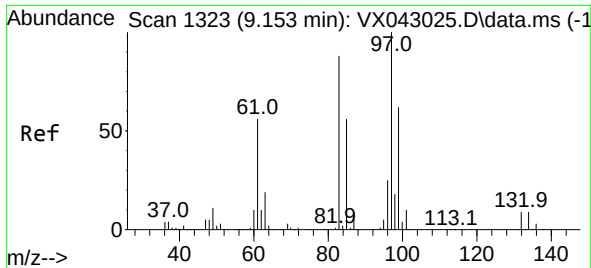
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#54
cis-1,3-Dichloropropene
Concen: 4.894 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

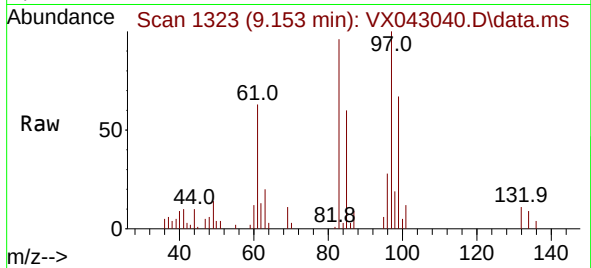
Tgt Ion: 75 Resp: 11415
Ion Ratio Lower Upper
75 100
77 36.6 25.3 37.9
39 45.3 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 5.256 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

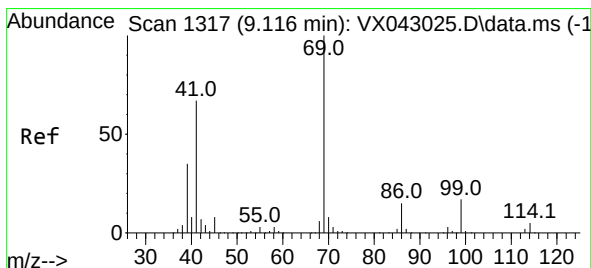
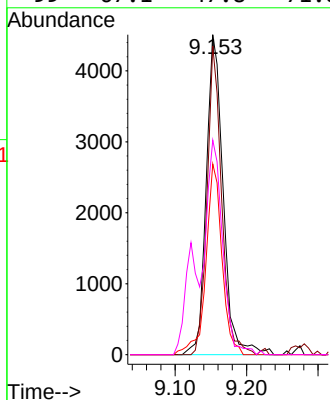
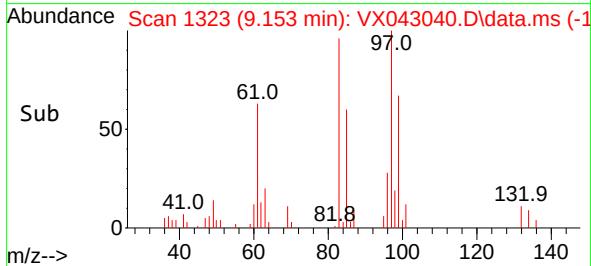
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT3-2024



Tgt Ion	Ratio	Lower	Upper
97	100		
83	96.4	65.8	98.8
85	59.6	41.6	62.4
99	67.1	47.8	71.8

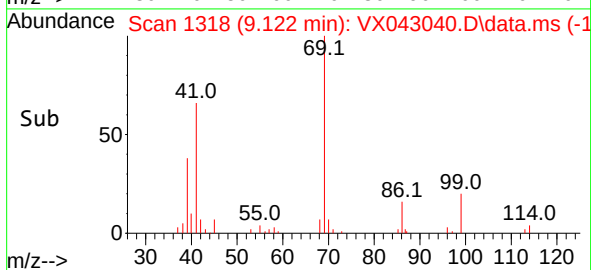
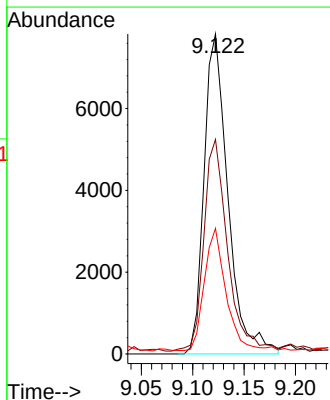
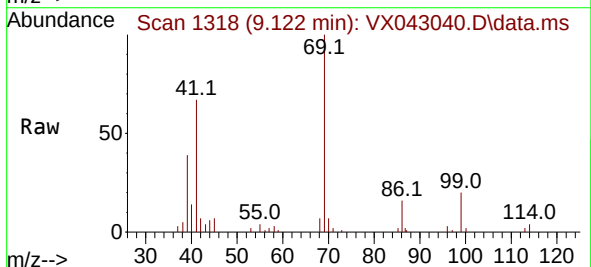
Manual Integrations
APPROVED

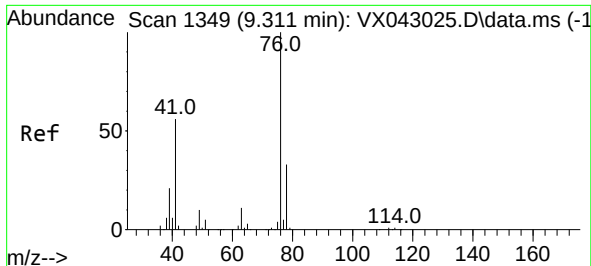
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#56
Ethyl methacrylate
Concen: 4.950 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.5	56.8	85.2
39	35.5	32.0	48.0





#57

1,3-Dichloropropane

Concen: 5.117 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. -0.000 min

Lab File: VX043040.D

Acq: 14 Aug 2024 18:40

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2024

Tgt Ion: 76 Resp: 12229

Ion Ratio Lower Upper

76 100

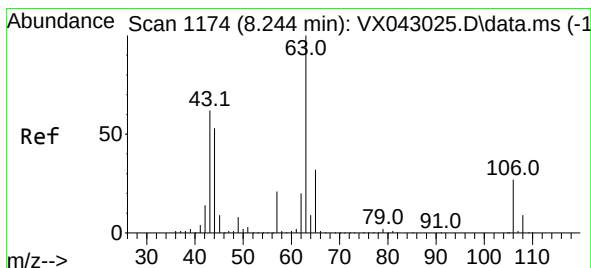
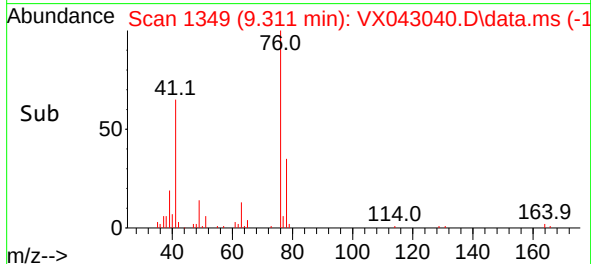
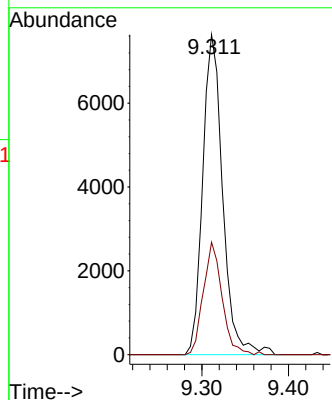
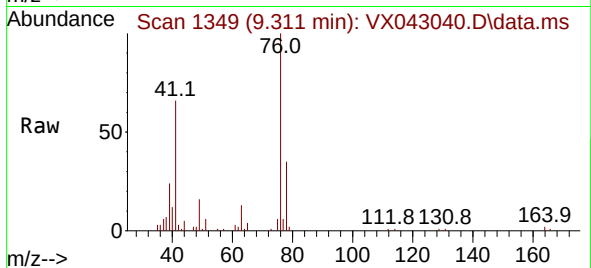
78 33.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#58

2-Chloroethyl Vinyl ether

Concen: 25.806 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX043040.D

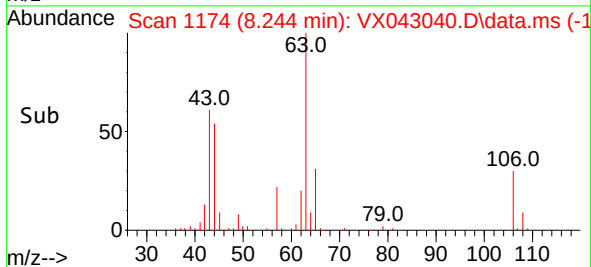
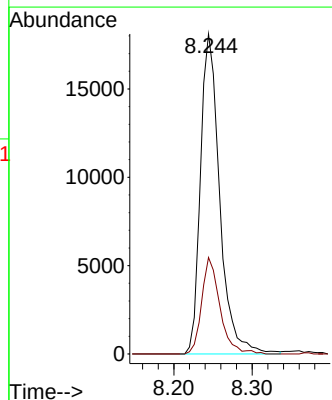
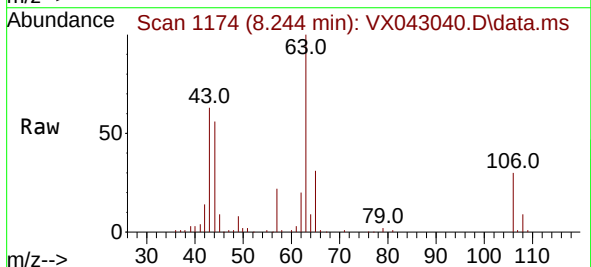
Acq: 14 Aug 2024 18:40

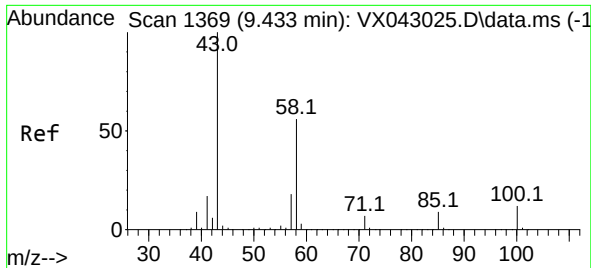
Tgt Ion: 63 Resp: 30926

Ion Ratio Lower Upper

63 100

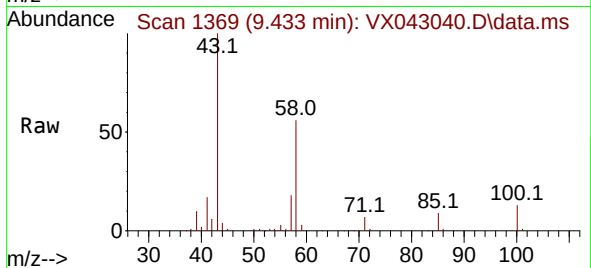
106 28.6 22.5 33.7





#59
2-Hexanone
Concen: 25.557 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

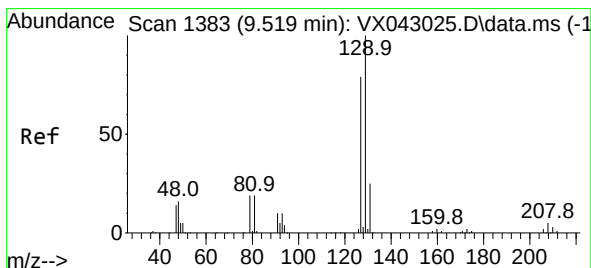
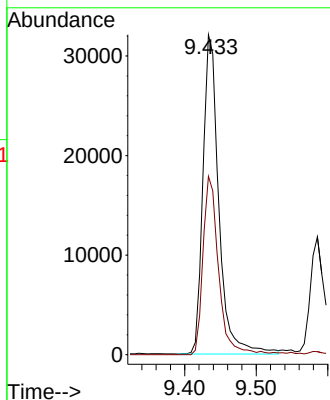
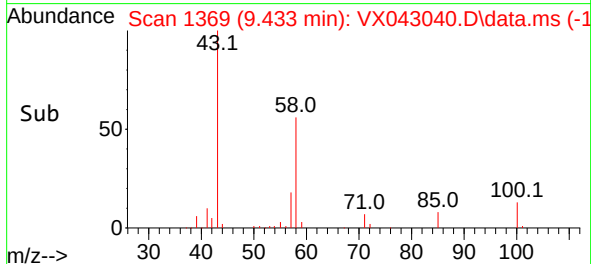
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT3-2024



Tgt Ion: 43 Resp: 49494
Ion Ratio Lower Upper
43 100
58 54.6 26.2 78.5

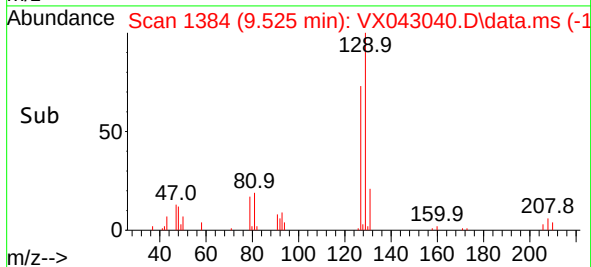
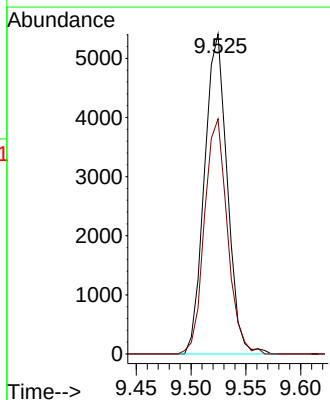
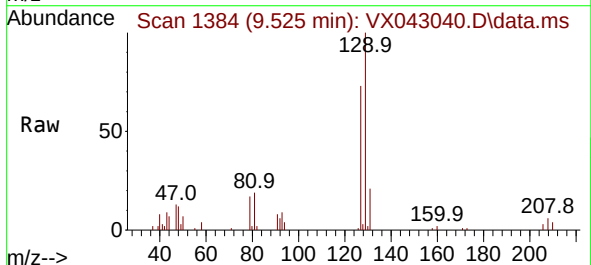
Manual Integrations
APPROVED

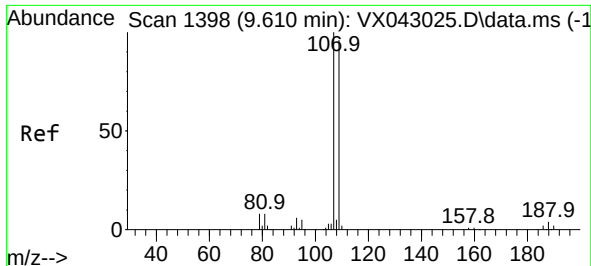
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#60
Dibromochloromethane
Concen: 5.266 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

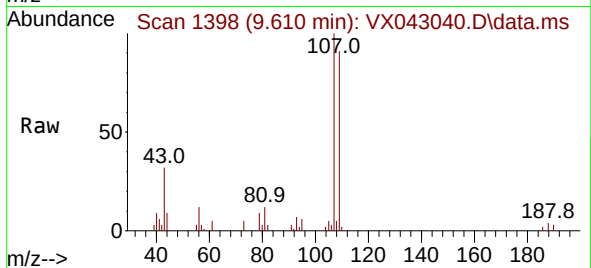
Tgt Ion:129 Resp: 7831
Ion Ratio Lower Upper
129 100
127 74.0 38.8 116.4





#61
1,2-Dibromoethane
Concen: 5.406 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

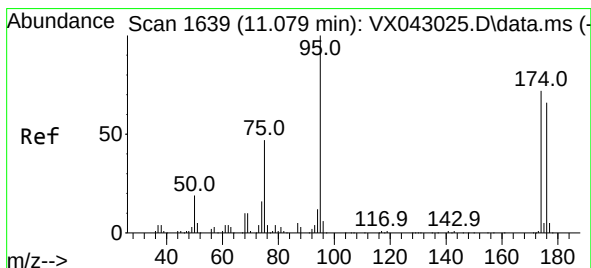
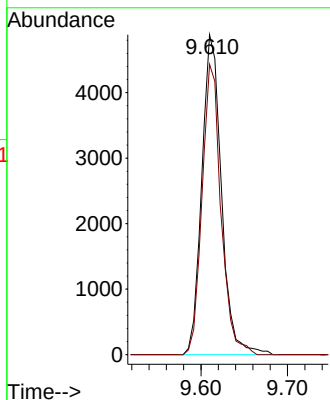
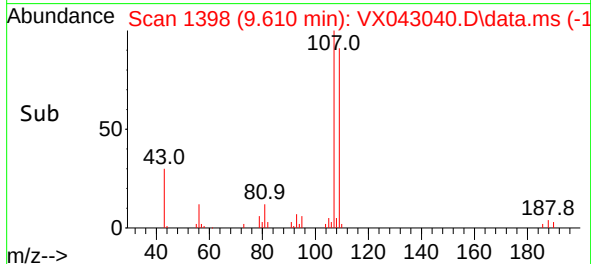
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT3-2024



Tgt Ion:107 Resp: 7689
Ion Ratio Lower Upper
107 100
109 87.4 75.2 112.8

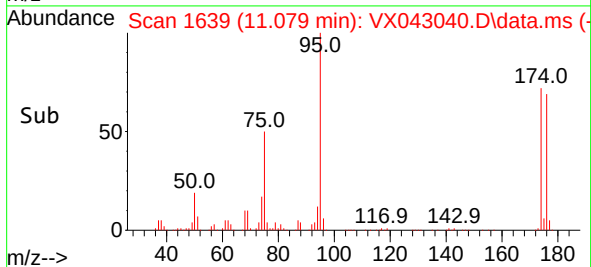
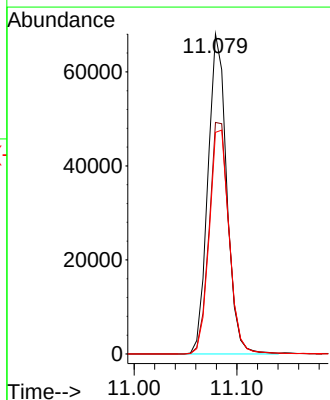
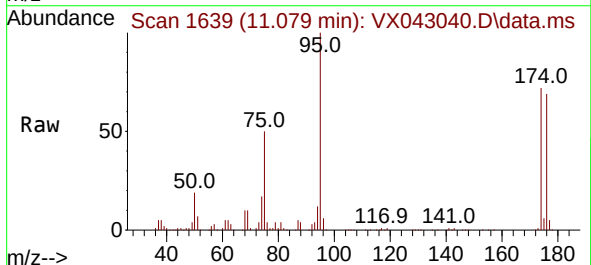
Manual Integrations
APPROVED

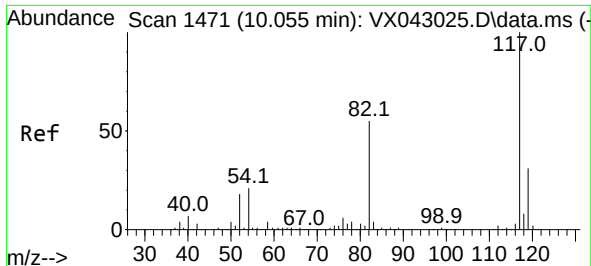
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#62
4-Bromofluorobenzene
Concen: 49.257 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

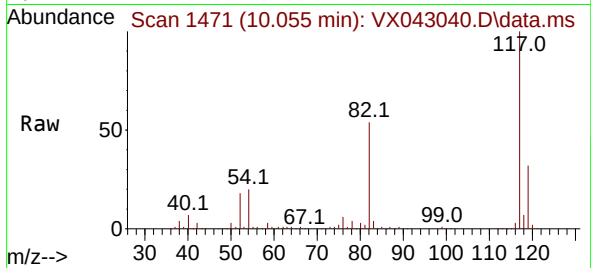
Tgt Ion: 95 Resp: 86587
Ion Ratio Lower Upper
95 100
174 76.2 0.0 135.6
176 74.1 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

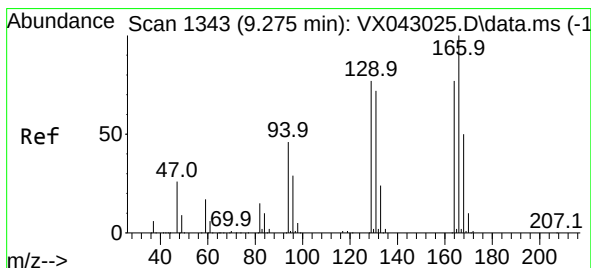
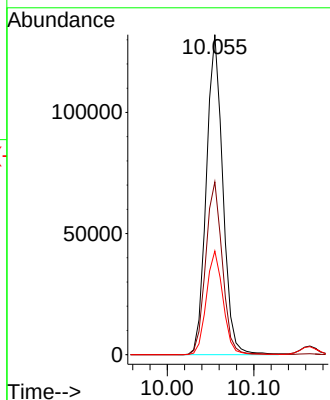
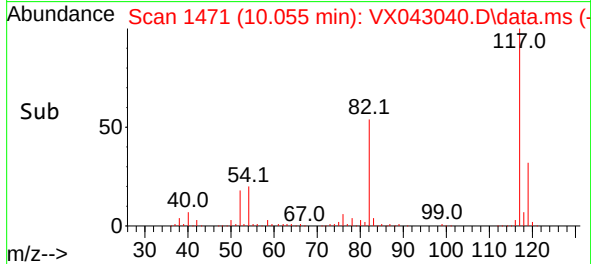
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT3-2024



Tgt Ion:117 Resp: 17428
Ion Ratio Lower Upper
117 100
82 54.0 46.2 69.4
119 32.4 25.5 38.3

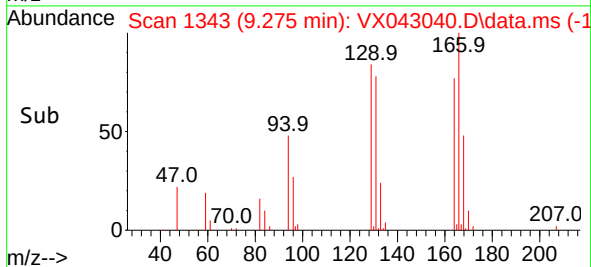
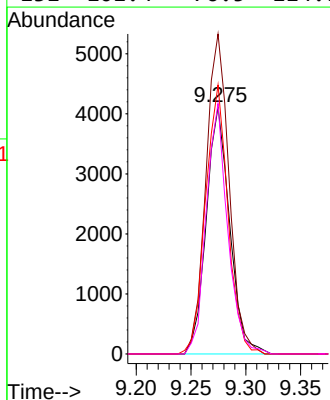
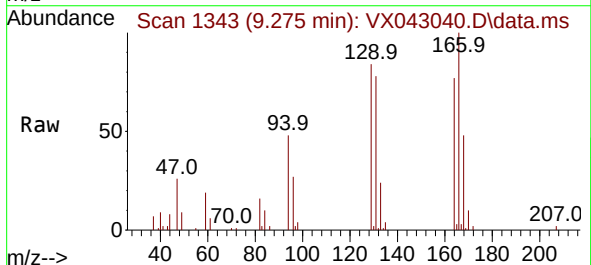
Manual Integrations
APPROVED

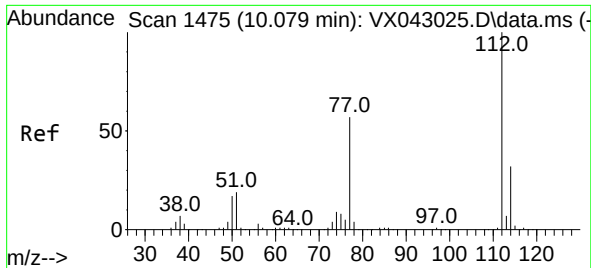
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#64
Tetrachloroethene
Concen: 5.416 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

Tgt Ion:164 Resp: 6092
Ion Ratio Lower Upper
164 100
166 129.6 102.7 154.1
129 108.9 80.4 120.6
131 101.4 76.5 114.7





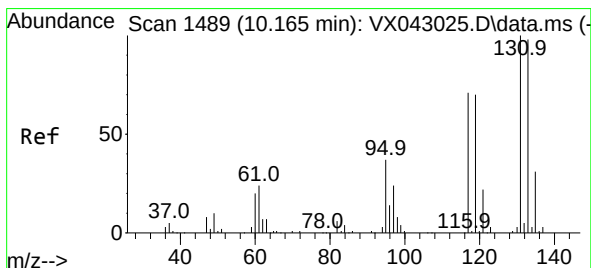
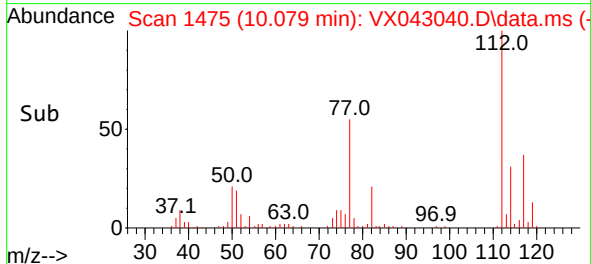
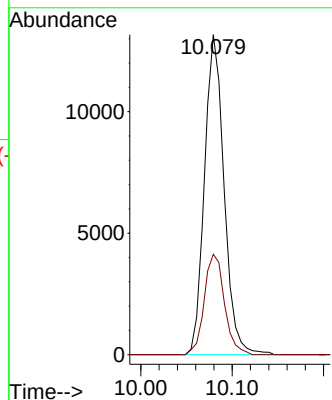
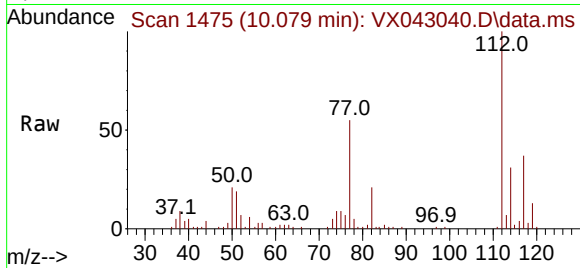
#65
Chlorobenzene
Concen: 5.200 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT3-2024

Tgt Ion:112 Resp: 1955
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5

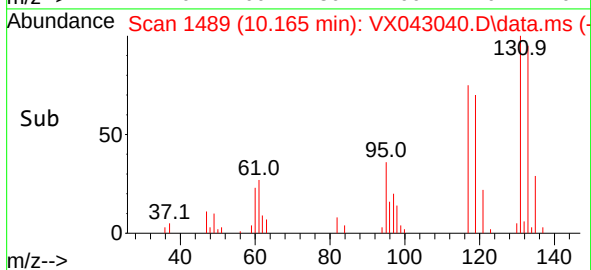
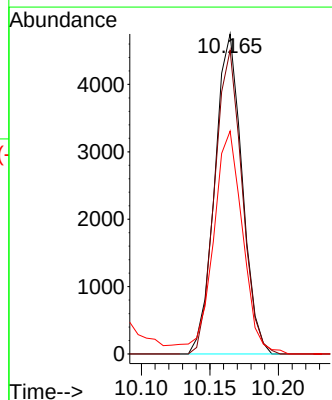
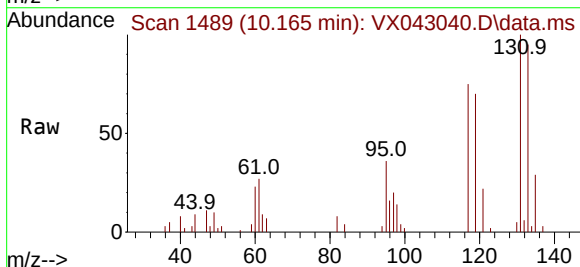
Manual Integrations
APPROVED

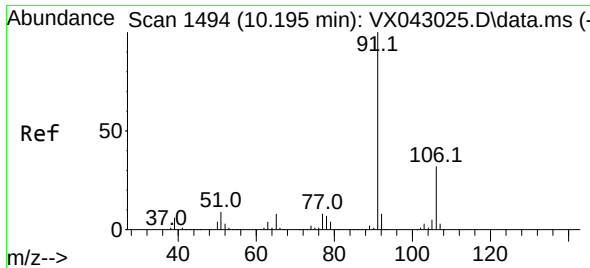
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 5.197 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

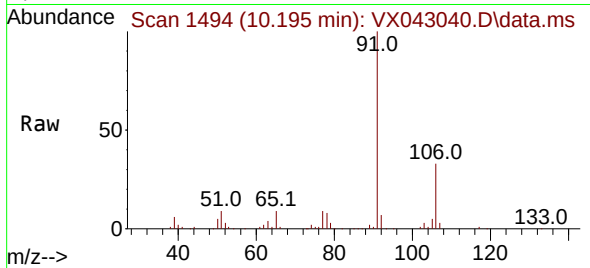
Tgt Ion:131 Resp: 6584
Ion Ratio Lower Upper
131 100
133 94.8 47.1 141.4
119 75.0 32.2 96.6





#67
Ethyl Benzene
Concen: 5.012 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

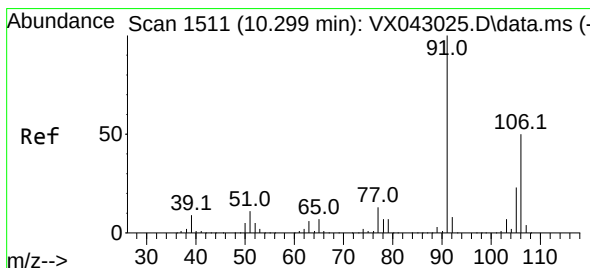
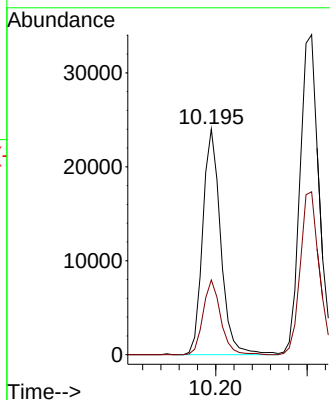
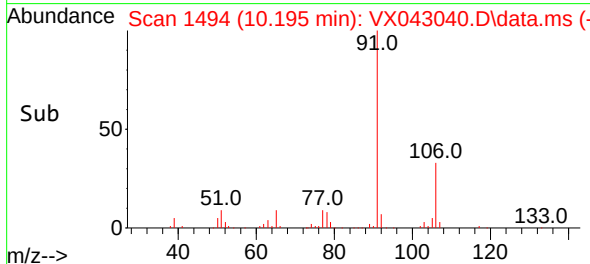
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT3-2024



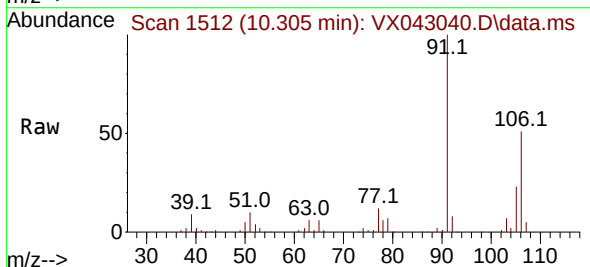
Tgt Ion: 91 Resp: 32740
Ion Ratio Lower Upper
91 100
106 33.1 24.9 37.3

Manual Integrations
APPROVED

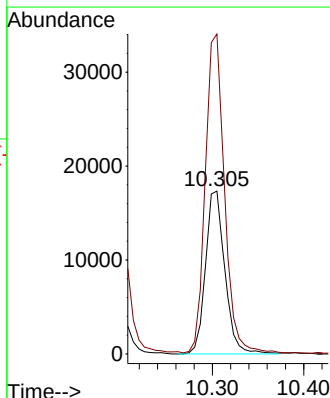
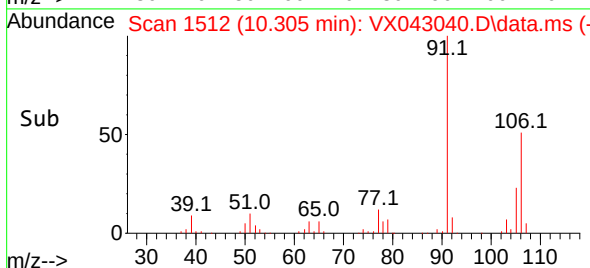
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024

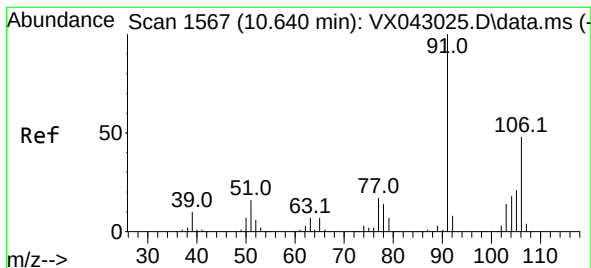


#68
m/p-Xylenes
Concen: 10.182 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40



Tgt Ion:106 Resp: 25584
Ion Ratio Lower Upper
106 100
91 194.9 165.5 248.3





#69

o-Xylene

Concen: 5.113 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX043040.D

Acq: 14 Aug 2024 18:40

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2024

Tgt Ion:106 Resp: 12900

Ion Ratio Lower Upper

106 100

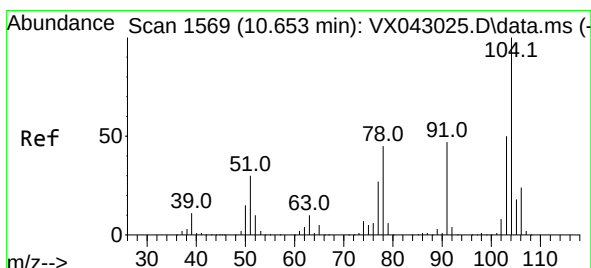
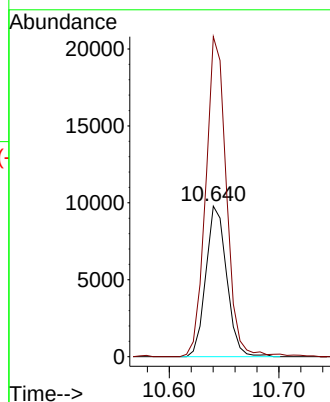
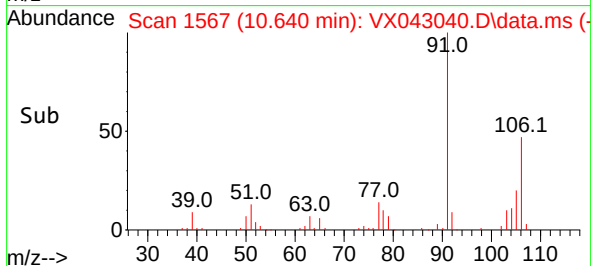
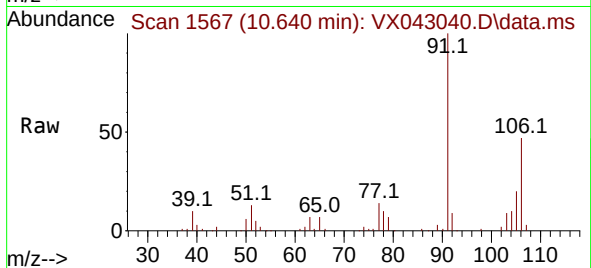
91 211.8 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#70

Styrene

Concen: 4.886 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX043040.D

Acq: 14 Aug 2024 18:40

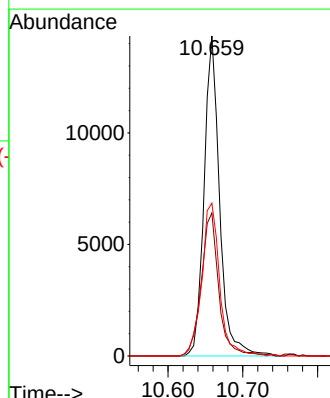
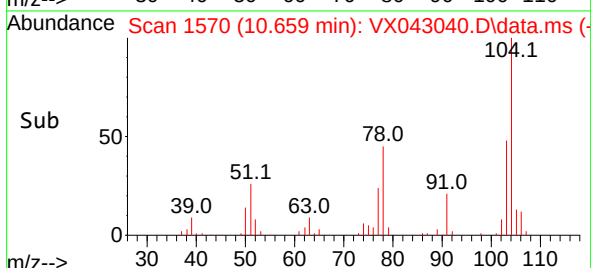
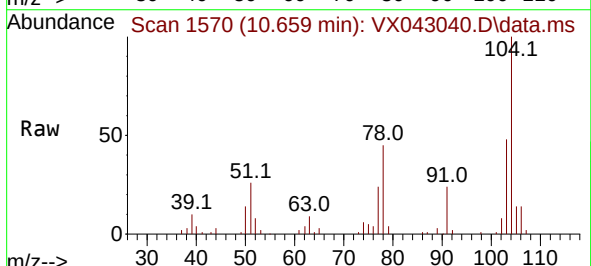
Tgt Ion:104 Resp: 20679

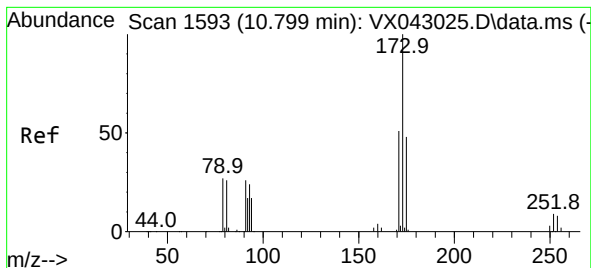
Ion Ratio Lower Upper

104 100

78 50.5 43.6 65.4

103 55.0 43.6 65.4





#71

Bromoform

Concen: 5.059 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX043040.D

Acq: 14 Aug 2024 18:40

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2024

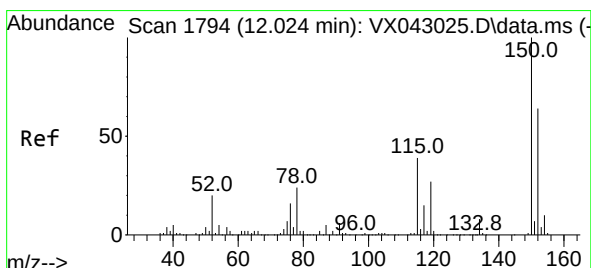
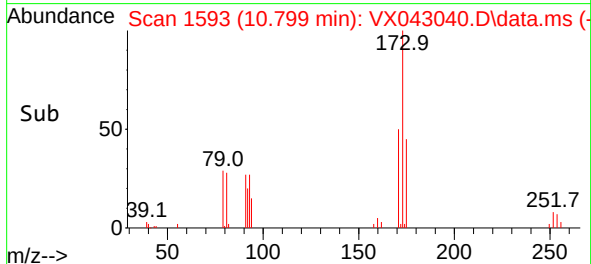
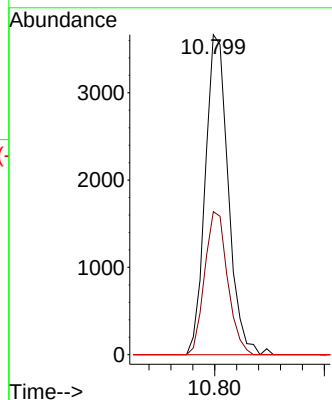
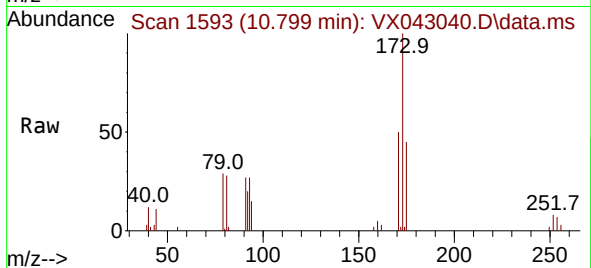
Tgt Ion:173	Resp: 532
Ion Ratio	Lower Upper
173 100	
175 44.7	24.1 72.4
254 0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

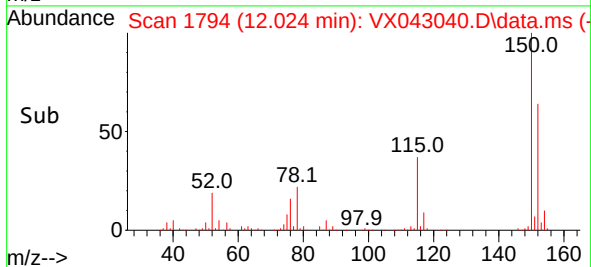
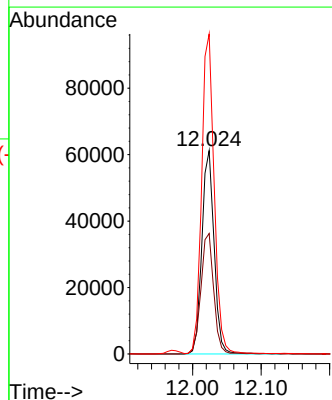
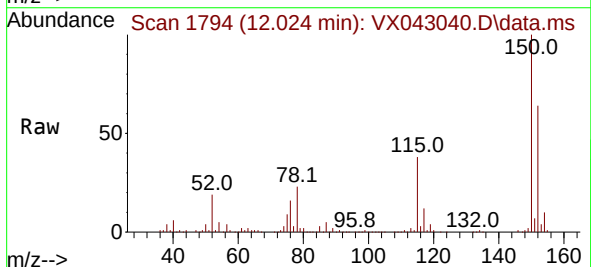
RT: 12.024 min Scan# 1794

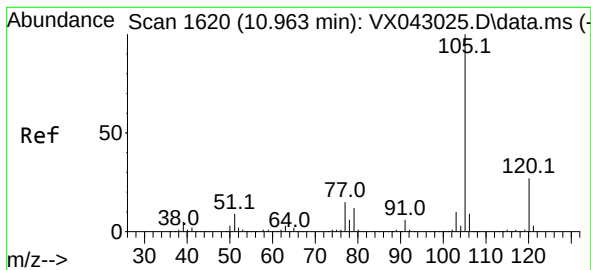
Delta R.T. -0.000 min

Lab File: VX043040.D

Acq: 14 Aug 2024 18:40

Tgt Ion:152	Resp: 76336
Ion Ratio	Lower Upper
152 100	
115 62.0	43.3 129.9
150 159.5	0.0 345.0





#73

Isopropylbenzene

Concen: 5.441 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043040.D

Acq: 14 Aug 2024 18:40

Instrument :

MSVOA_X

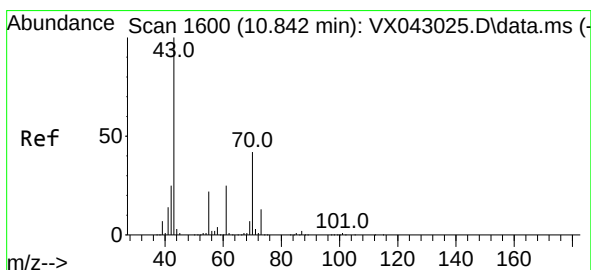
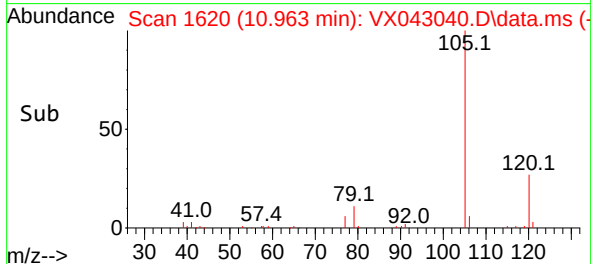
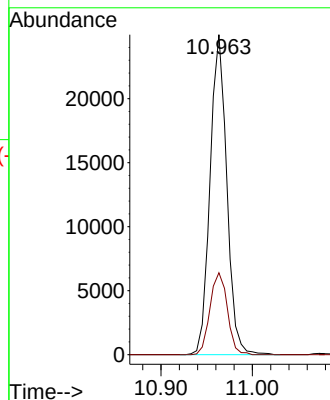
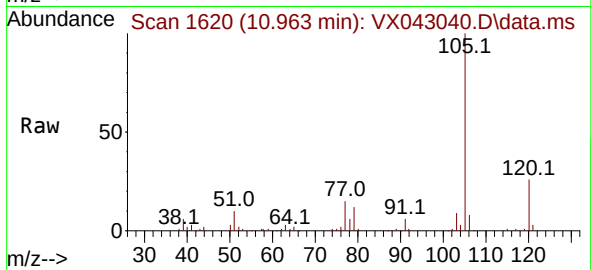
ClientSampleId :

LOQ-WATER-02-QT3-2024

Tgt Ion:105 Resp: 31684
 Ion Ratio Lower Upper
 105 100
 120 26.6 12.9 38.6

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/15/2024
 Supervised By :Mahesh Dadoda 08/15/2024



#74

N-ethyl acetate

Concen: 4.896 ug/l

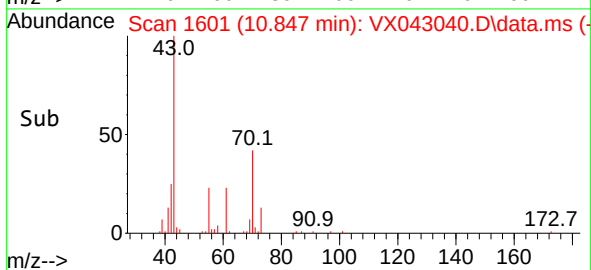
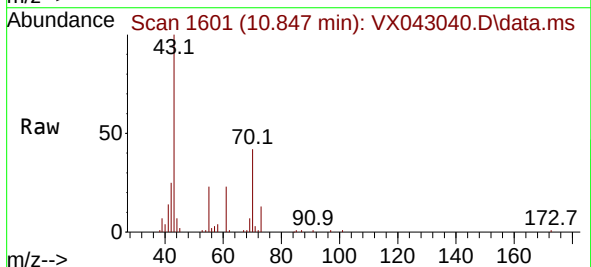
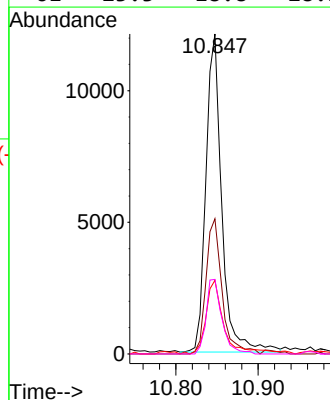
RT: 10.847 min Scan# 1601

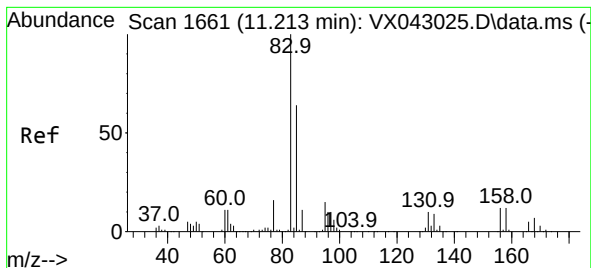
Delta R.T. 0.006 min

Lab File: VX043040.D

Acq: 14 Aug 2024 18:40

Tgt Ion: 43 Resp: 16239
 Ion Ratio Lower Upper
 43 100
 70 43.0 32.9 49.3
 55 25.9 19.3 28.9
 61 23.3 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 5.354 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX043040.D

Acq: 14 Aug 2024 18:40

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2024

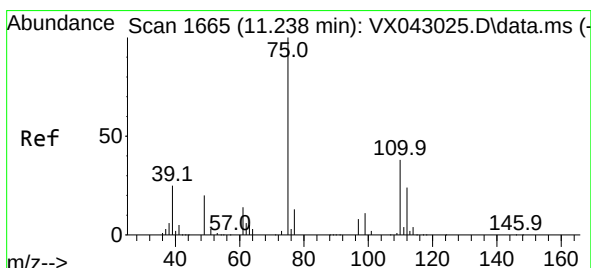
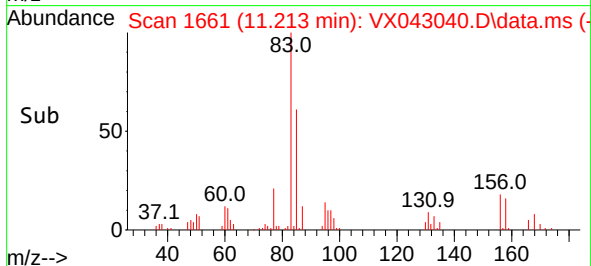
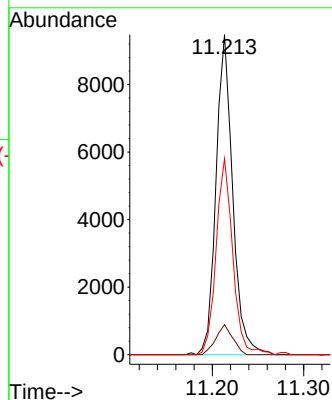
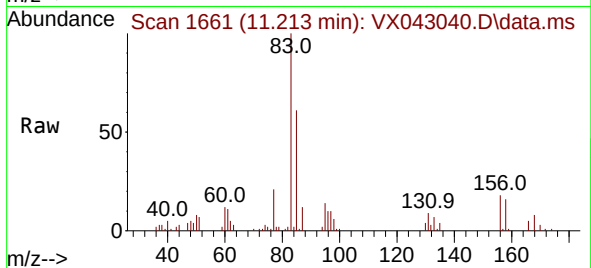
Tgt Ion: 83	Resp: 12000
Ion Ratio	Lower Upper
83 100	
131 9.5	5.3 15.8
85 61.2	32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#76

1,2,3-Trichloropropane

Concen: 5.805 ug/l m

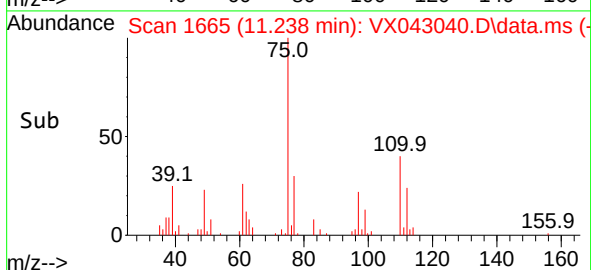
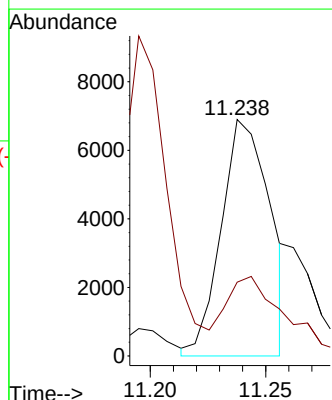
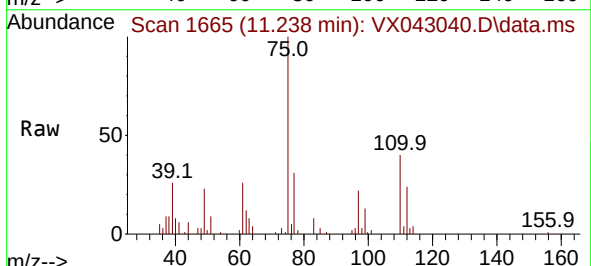
RT: 11.238 min Scan# 1665

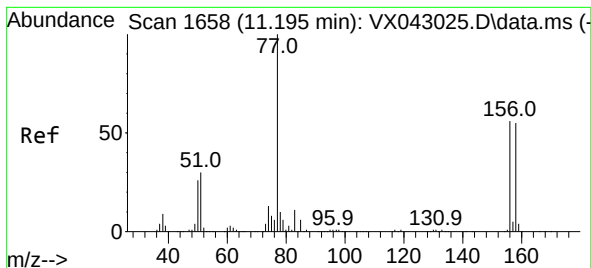
Delta R.T. -0.000 min

Lab File: VX043040.D

Acq: 14 Aug 2024 18:40

Tgt Ion: 75	Resp: 10156
Ion Ratio	Lower Upper
75 100	
77 41.3	19.1 57.5





#77

Bromobenzene

Concen: 5.286 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX043040.D

Acq: 14 Aug 2024 18:40

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2024

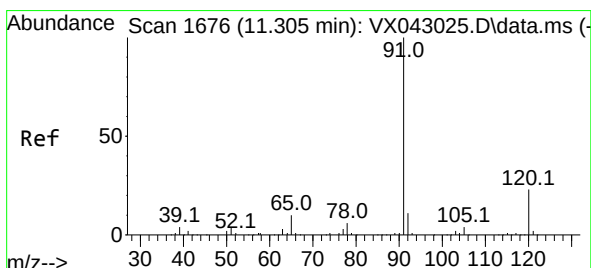
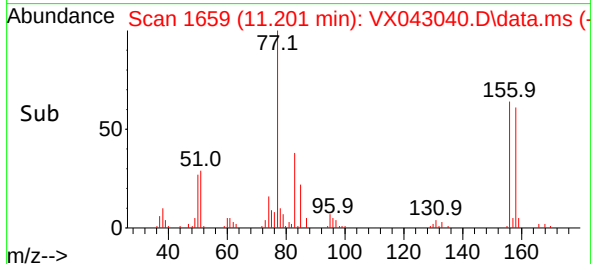
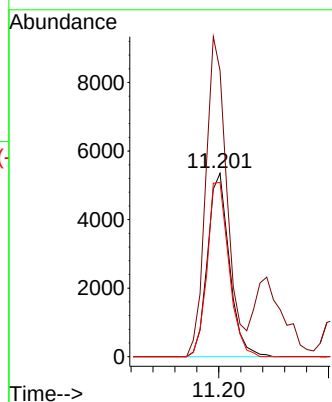
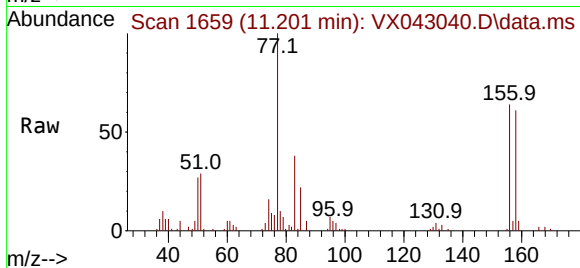
Tgt Ion:	156	Resp:	7394
Ion Ratio	Lower	Upper	
156	100		
77	169.7	88.4	265.3
158	94.9	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#78

n-propylbenzene

Concen: 5.067 ug/l

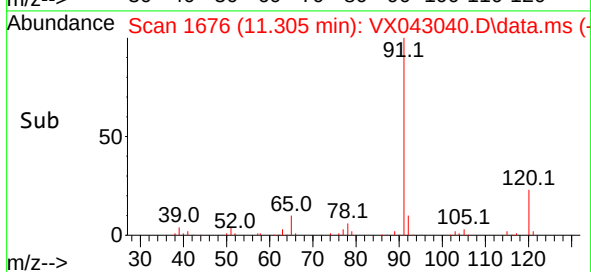
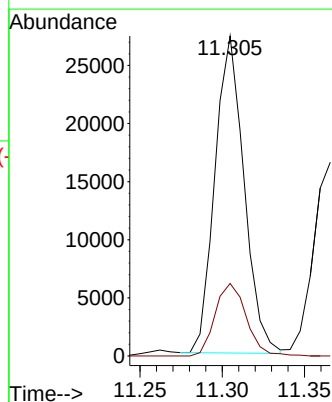
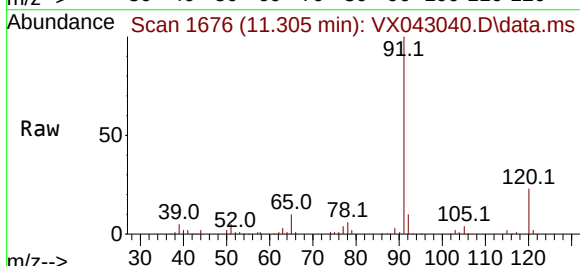
RT: 11.305 min Scan# 1676

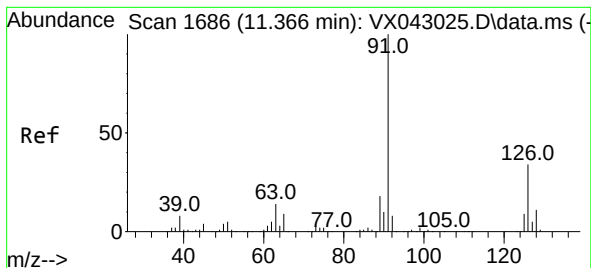
Delta R.T. -0.000 min

Lab File: VX043040.D

Acq: 14 Aug 2024 18:40

Tgt Ion:	91	Resp:	33623
Ion Ratio	Lower	Upper	
91	100		
120	24.4	11.5	34.4





#79

2-Chlorotoluene

Concen: 5.290 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043040.D

Acq: 14 Aug 2024 18:40

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2024

Tgt Ion: 91 Resp: 21849

Ion Ratio Lower Upper

91 100

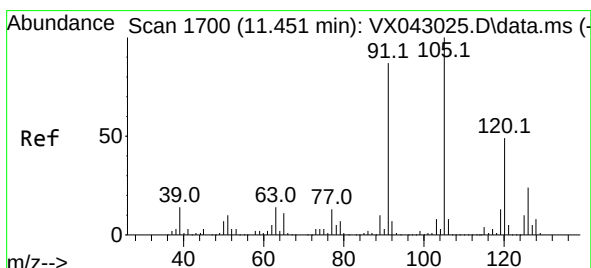
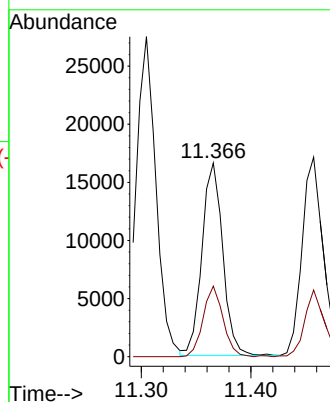
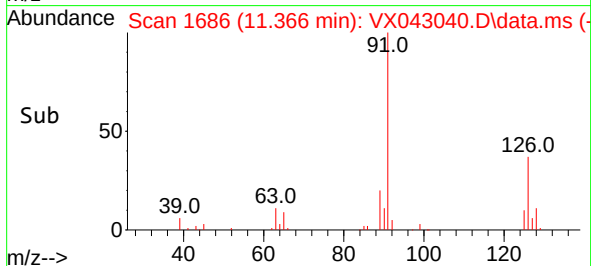
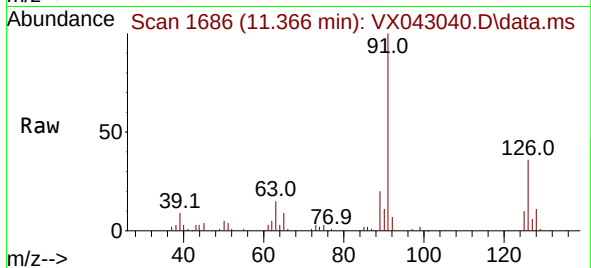
126 35.1 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#80

1,3,5-Trimethylbenzene

Concen: 5.456 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX043040.D

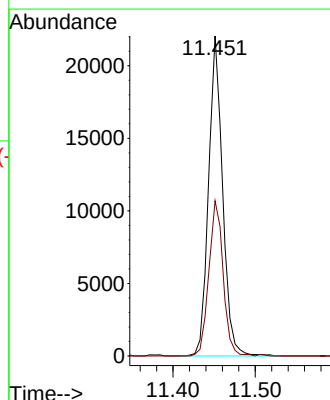
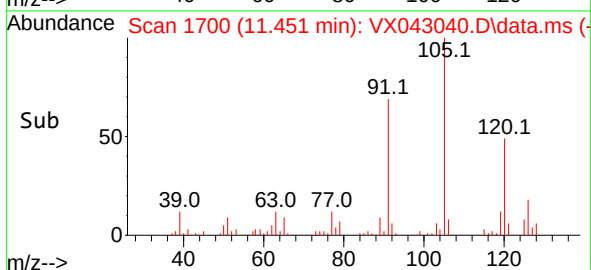
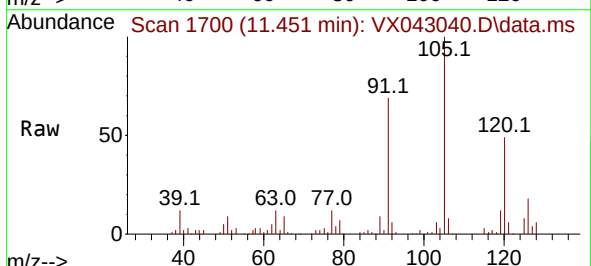
Acq: 14 Aug 2024 18:40

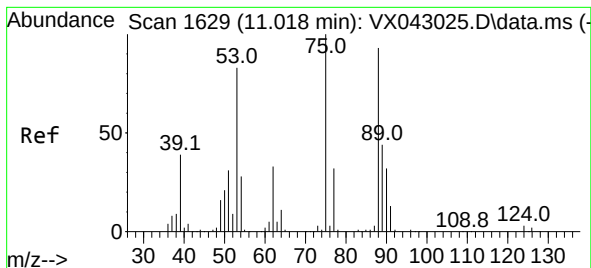
Tgt Ion:105 Resp: 26174

Ion Ratio Lower Upper

105 100

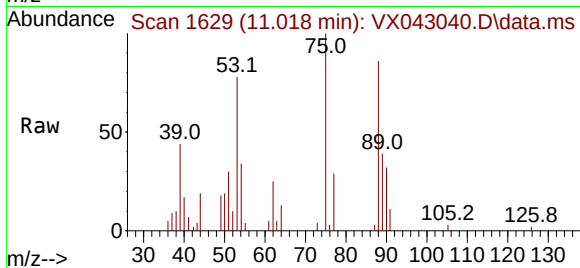
120 49.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 4.583 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

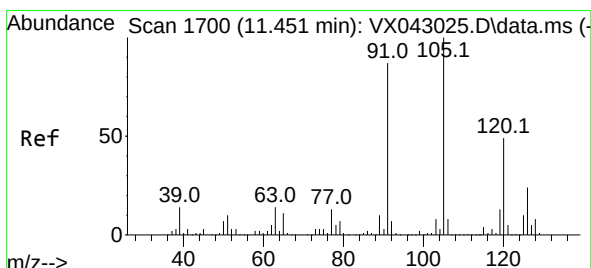
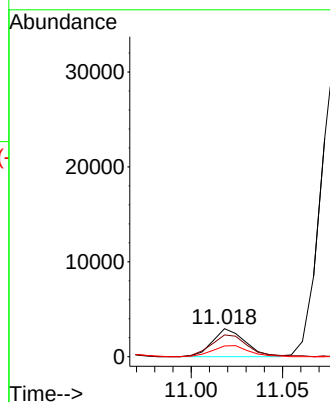
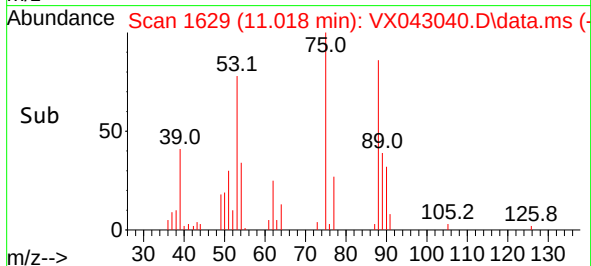
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT3-2024



Tgt Ion: 75 Resp: 3670
Ion Ratio Lower Upper
75 100
53 89.3 90.5 135.7
89 44.3 36.9 55.3

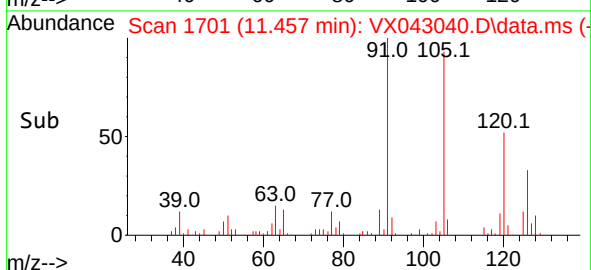
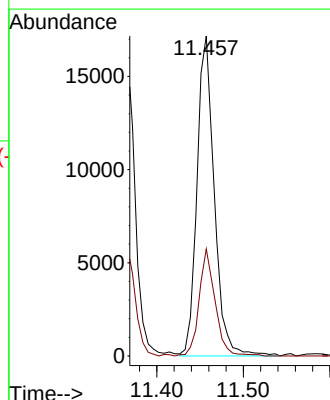
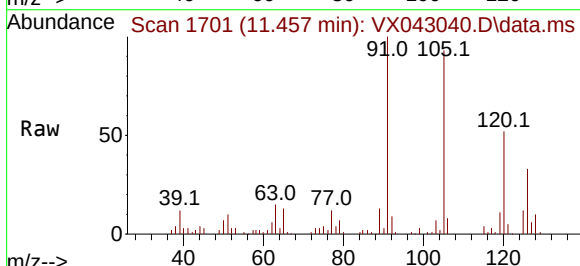
Manual Integrations
APPROVED

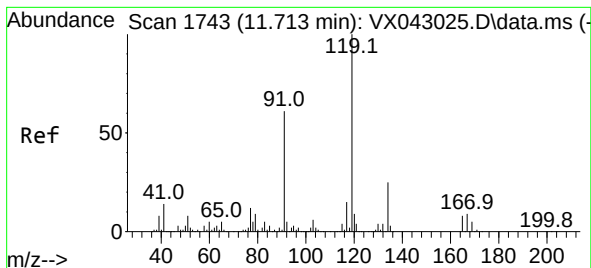
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#82
4-Chlorotoluene
Concen: 5.177 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

Tgt Ion: 91 Resp: 23826
Ion Ratio Lower Upper
91 100
126 30.9 14.2 42.6





#83

tert-Butylbenzene

Concen: 5.472 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX043040.D

Acq: 14 Aug 2024 18:40

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2024

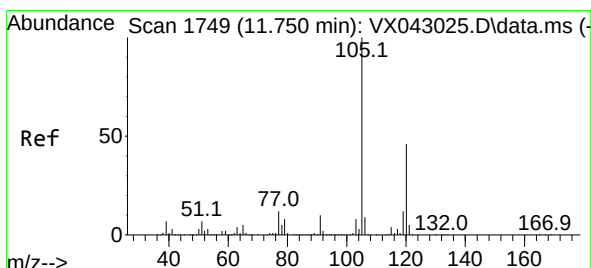
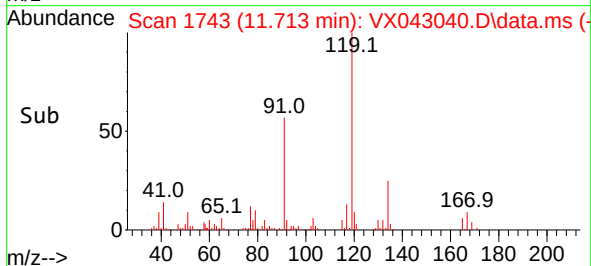
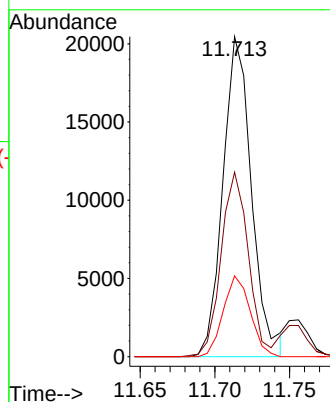
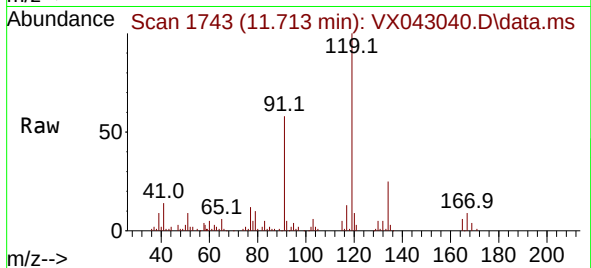
Tgt Ion:	119	Resp:	2716
Ion Ratio	Lower	Upper	
119	100		
91	55.0	31.2	93.6
134	23.9	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#84

1,2,4-Trimethylbenzene

Concen: 5.254 ug/l

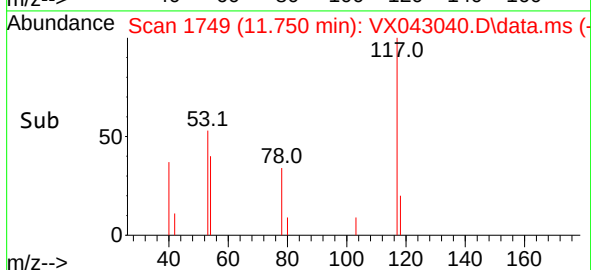
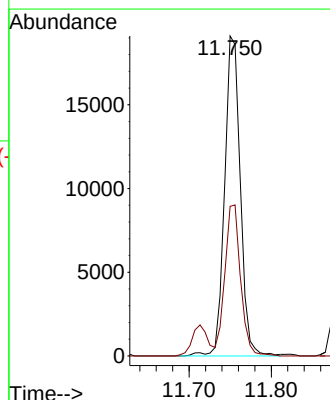
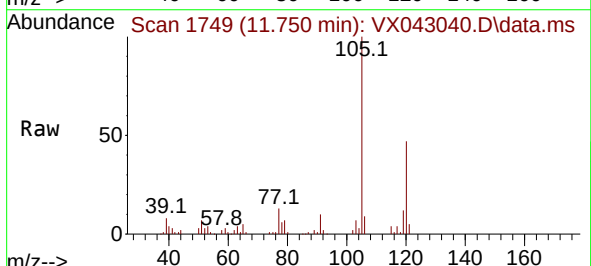
RT: 11.750 min Scan# 1749

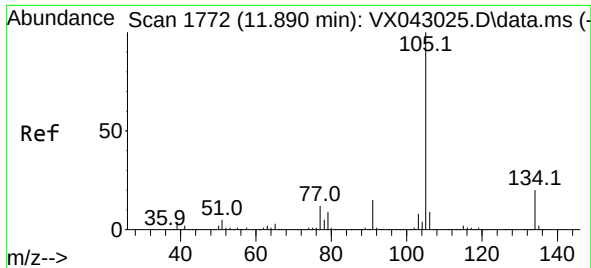
Delta R.T. -0.000 min

Lab File: VX043040.D

Acq: 14 Aug 2024 18:40

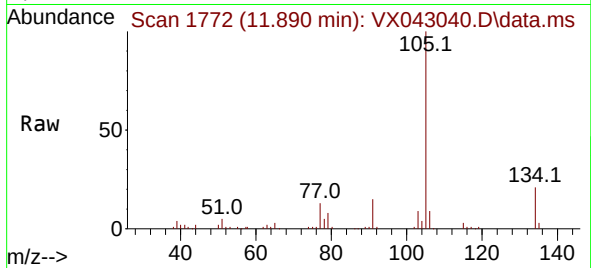
Tgt Ion:	105	Resp:	25425
Ion Ratio	Lower	Upper	
105	100		
120	47.2	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 5.271 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX043040.D
 Acq: 14 Aug 2024 18:40

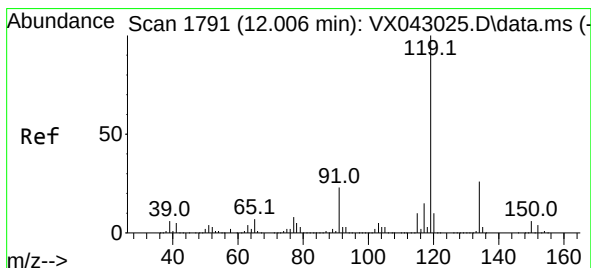
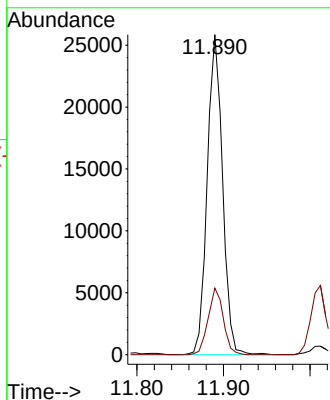
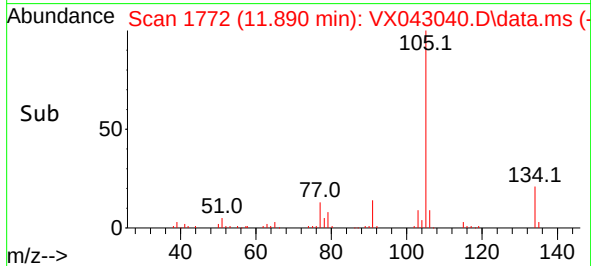
Instrument : MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2024



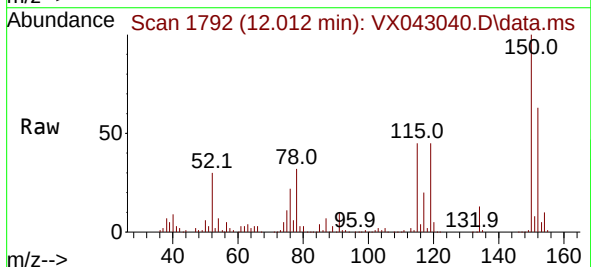
Tgt Ion:105 Resp: 31764
 Ion Ratio Lower Upper
 105 100
 134 20.6 9.8 29.4

Manual Integrations
 APPROVED

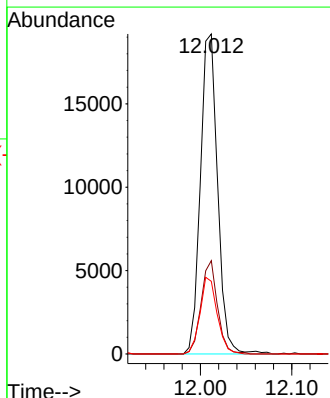
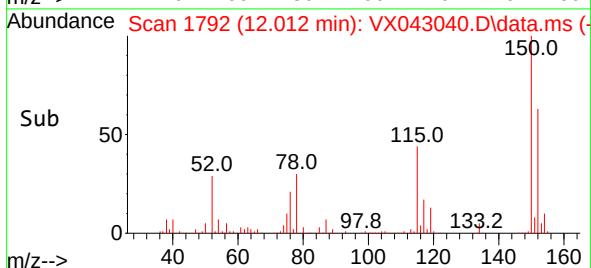
Reviewed By :John Carlone 08/15/2024
 Supervised By :Mahesh Dadoda 08/15/2024

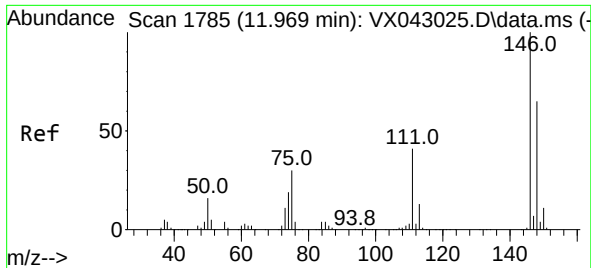


#86
 p-Isopropyltoluene
 Concen: 5.086 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX043040.D
 Acq: 14 Aug 2024 18:40



Tgt Ion:119 Resp: 25040
 Ion Ratio Lower Upper
 119 100
 134 27.8 12.8 38.3
 91 24.0 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 5.281 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX043040.D

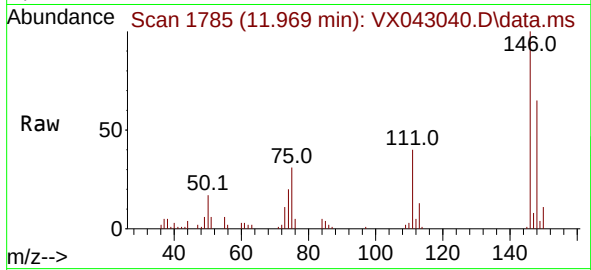
Acq: 14 Aug 2024 18:40

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2024



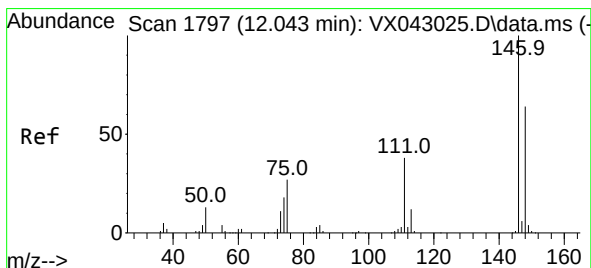
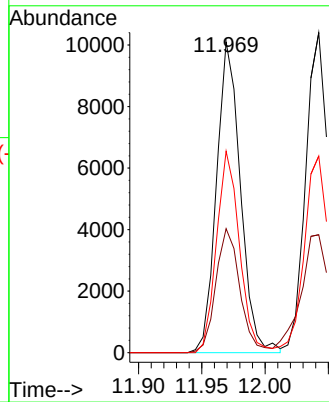
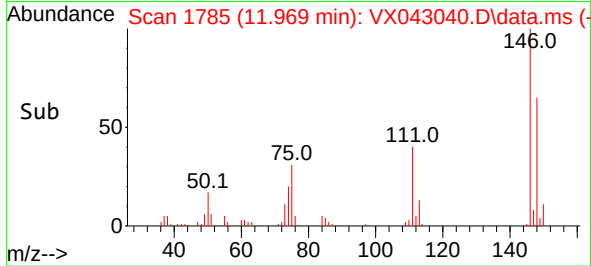
Tgt Ion:146	Resp:	13284
Ion Ratio	Lower	Upper
146	100	
111	40.3	22.1 66.1
148	62.3	31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#88

1,4-Dichlorobenzene

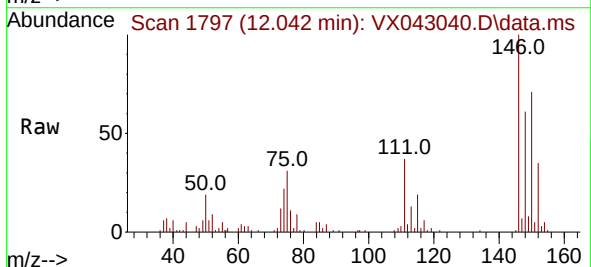
Concen: 5.220 ug/l

RT: 12.042 min Scan# 1797

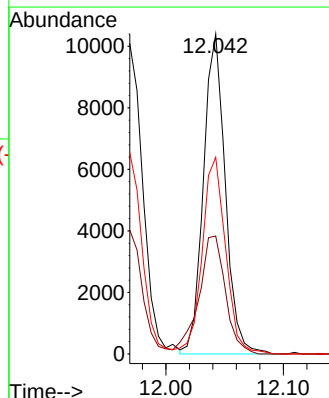
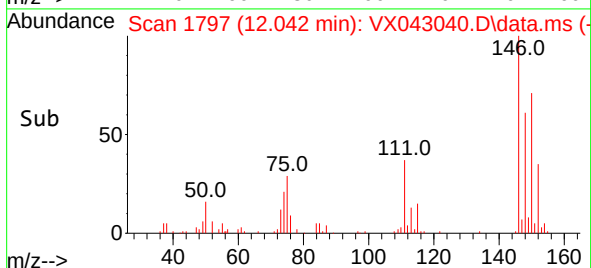
Delta R.T. -0.000 min

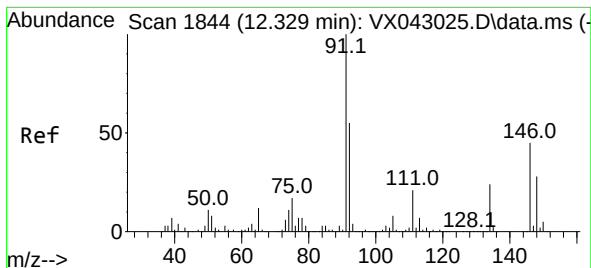
Lab File: VX043040.D

Acq: 14 Aug 2024 18:40



Tgt Ion:146	Resp:	13435
Ion Ratio	Lower	Upper
146	100	
111	44.9	21.3 63.7
148	66.2	31.8 95.4





#89

n-Butylbenzene

Concen: 4.619 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX043040.D

Acq: 14 Aug 2024 18:40

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2024

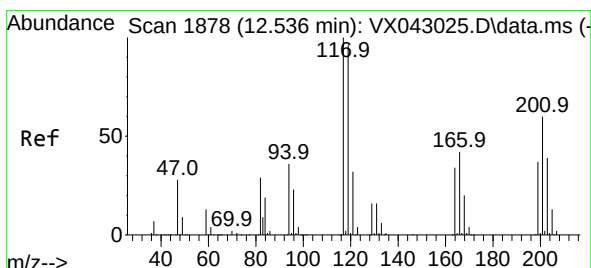
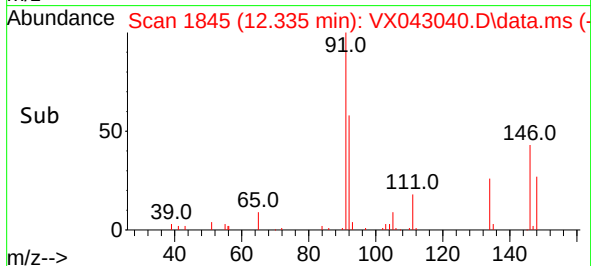
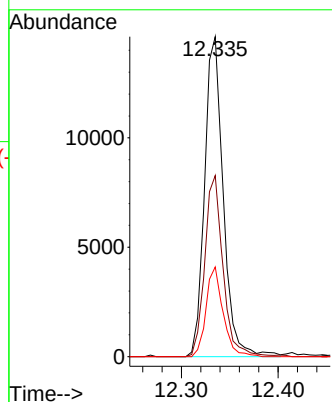
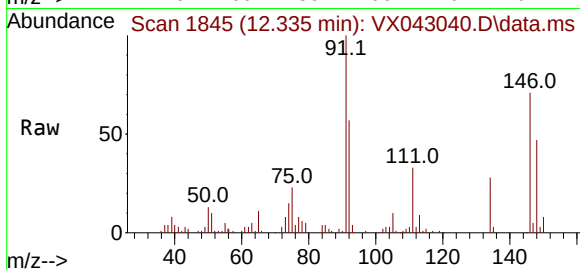
Tgt Ion: 91	Resp: 1968
Ion Ratio	Lower Upper
91	100
92	55.5 27.4 82.0
134	25.7 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#90

Hexachloroethane

Concen: 5.132 ug/l

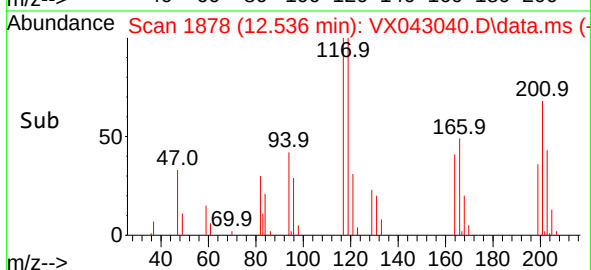
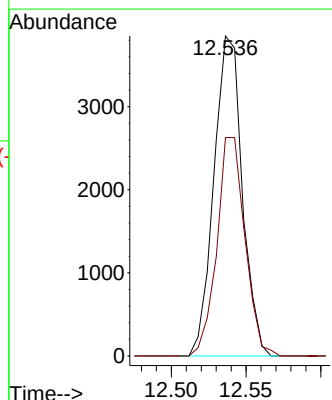
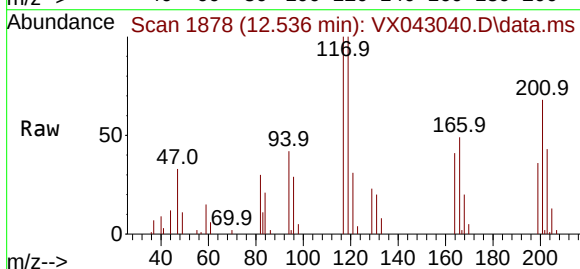
RT: 12.536 min Scan# 1878

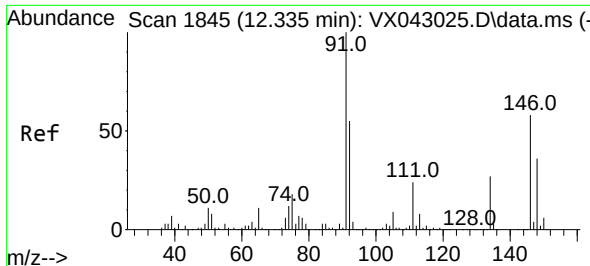
Delta R.T. -0.000 min

Lab File: VX043040.D

Acq: 14 Aug 2024 18:40

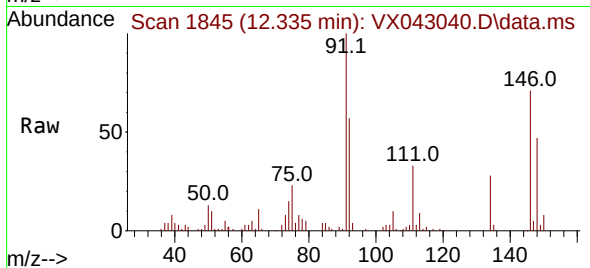
Tgt Ion: 117	Resp: 5075
Ion Ratio	Lower Upper
117	100
201	67.7 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 5.289 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

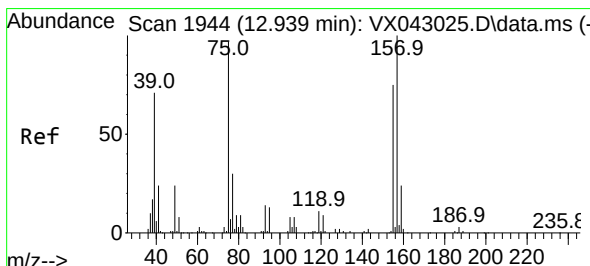
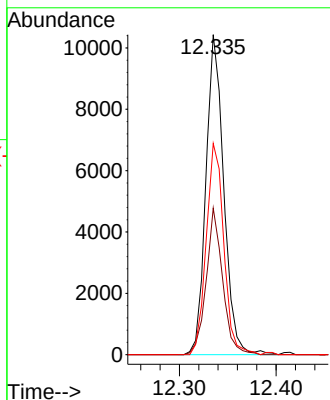
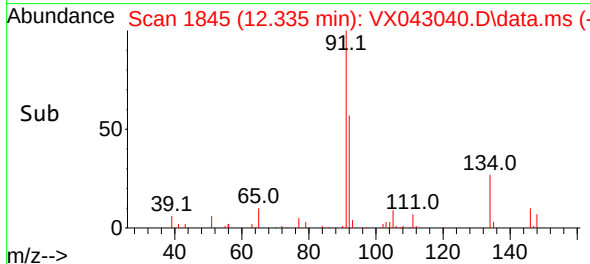
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT3-2024



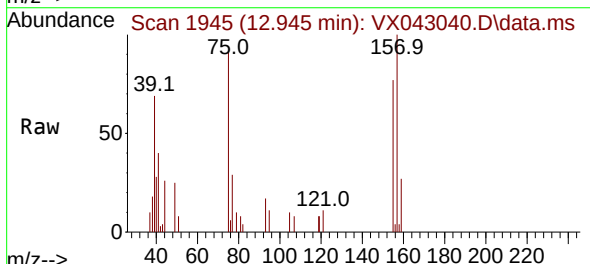
Tgt Ion:146 Resp: 1341
Ion Ratio Lower Upper
146 100
111 42.1 22.4 67.0
148 65.0 31.6 95.0

Manual Integrations
APPROVED

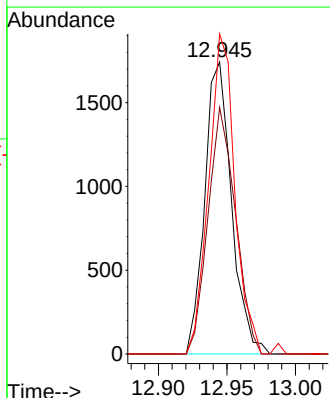
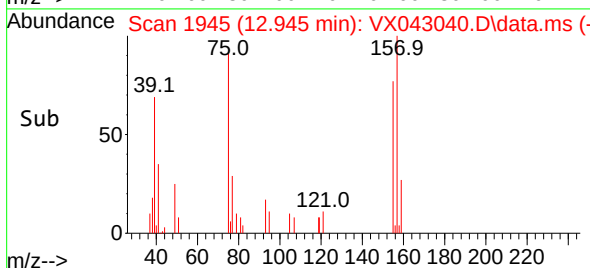
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024

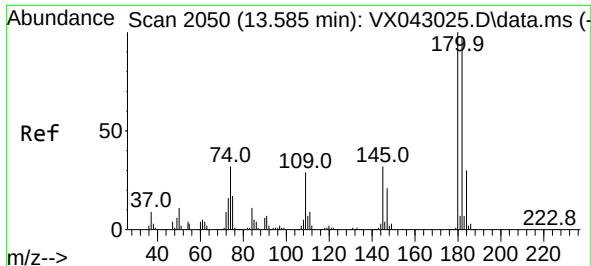


#92
1,2-Dibromo-3-Chloropropane
Concen: 5.405 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40



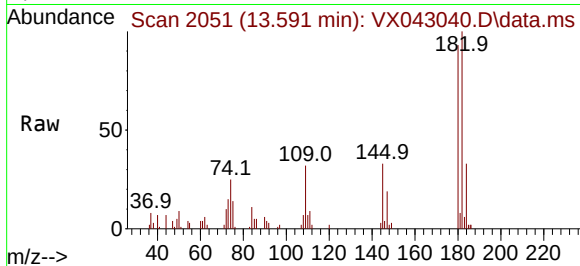
Tgt Ion: 75 Resp: 2370
Ion Ratio Lower Upper
75 100
155 86.8 36.1 108.5
157 106.4 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 4.715 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

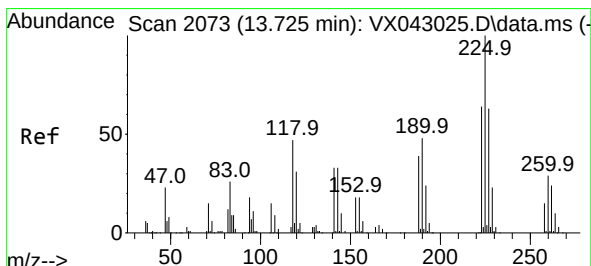
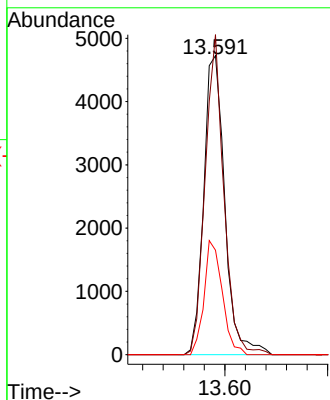
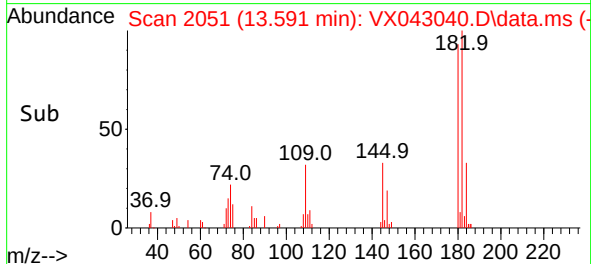
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2024



Tgt Ion:180 Resp: 673
Ion Ratio Lower Upper
180 100
182 95.0 48.3 144.8
145 33.0 18.0 54.0

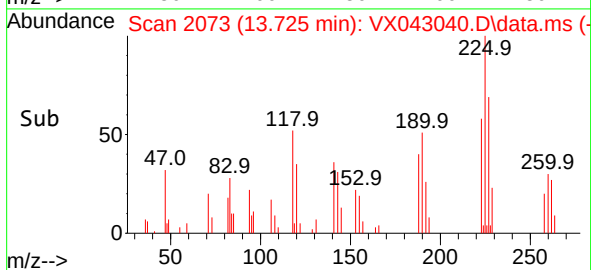
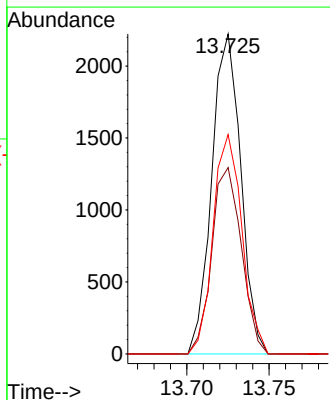
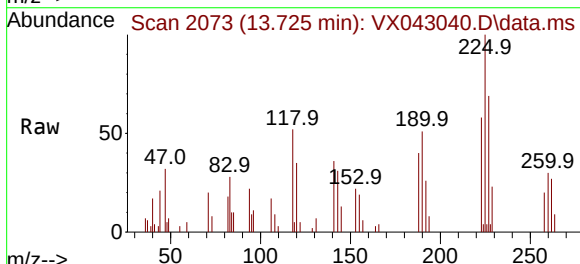
Manual Integrations
APPROVED

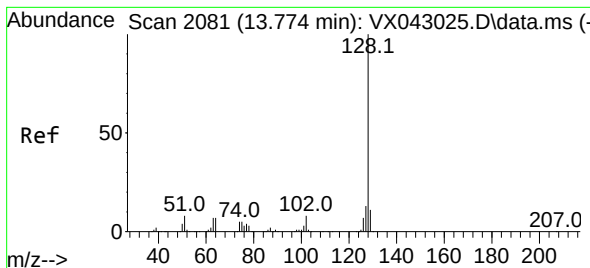
Reviewed By :John Carlone 08/15/2024
Supervised By :Mahesh Dadoda 08/15/2024



#94
Hexachlorobutadiene
Concen: 5.129 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX043040.D
Acq: 14 Aug 2024 18:40

Tgt Ion:225 Resp: 2732
Ion Ratio Lower Upper
225 100
223 59.4 31.1 93.2
227 68.1 32.5 97.5





#95

Naphthalene

Concen: 5.050 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX043040.D

Acq: 14 Aug 2024 18:40

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2024

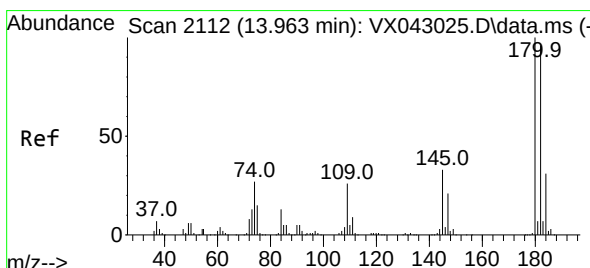
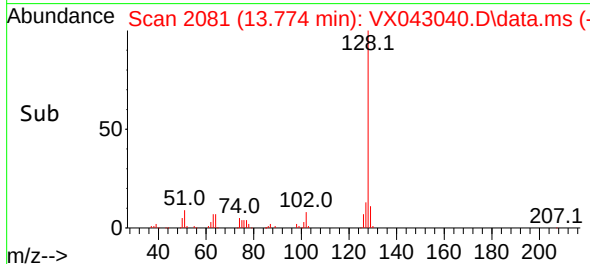
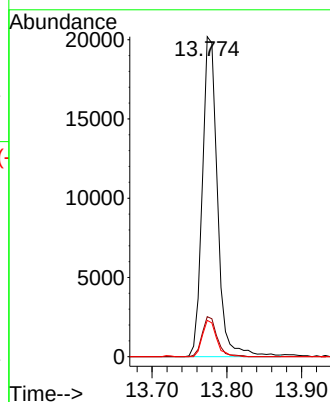
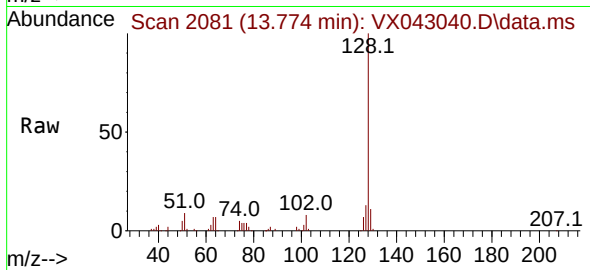
Tgt Ion:	128	Resp:	28470
Ion Ratio	Lower	Upper	
128	100		
127	12.3	10.3	15.5
129	10.6	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2024

Supervised By :Mahesh Dadoda 08/15/2024



#96

1,2,3-Trichlorobenzene

Concen: 5.142 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX043040.D

Acq: 14 Aug 2024 18:40

Tgt Ion:	180	Resp:	7508
Ion Ratio	Lower	Upper	
180	100		
182	94.7	46.9	140.6
145	33.6	17.8	53.5

