

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013124\
 Data File : VX040043.D
 Acq On : 31 Jan 2024 13:12
 Operator : JC/MD
 Sample : P1187-08 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2024

Quant Time: Feb 01 05:10:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:07:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/01/2024
 Supervised By : Mahesh Dadoda 02/01/2024

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	94278	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	167984	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	154022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72619	47.861	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.720%		
35) Dibromofluoromethane	5.385	113	54569	47.720	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.440%		
50) Toluene-d8	8.646	98	191187	44.707	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.420%#		
62) 4-Bromofluorobenzene	11.079	95	72549	44.058	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	2635	2.481	ug/l	90
3) Chloromethane	1.300	50	2959	2.938	ug/l	99
4) Vinyl Chloride	1.373	62	2421	2.599	ug/l	97
5) Bromomethane	1.605	94	1815	2.005	ug/l	98
6) Chloroethane	1.684	64	1407	2.288	ug/l	93
7) Trichlorofluoromethane	1.885	101	2985	2.014	ug/l	97
8) Diethyl Ether	2.129	74	1224	2.336	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.331	101	2700	2.442	ug/l	96
10) Methyl Iodide	2.452	142	2568	2.182	ug/l	99
11) Tert butyl alcohol	2.958	59	3651	13.261	ug/l #	91
12) 1,1-Dichloroethene	2.318	96	2568	2.422	ug/l	95
13) Acrolein	2.233	56	3382	12.822	ug/l	99
14) Allyl chloride	2.666	41	4823	2.523	ug/l	96
15) Acrylonitrile	3.062	53	8997	13.046	ug/l	98
16) Acetone	2.379	43	9133	12.847	ug/l	99
17) Carbon Disulfide	2.513	76	7316	2.360	ug/l #	91
18) Methyl Acetate	2.702	43	4420	2.624	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	9186	2.529	ug/l #	90
20) Methylene Chloride	2.794	84	3376	2.672	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	2889	2.474	ug/l	90
22) Diisopropyl ether	3.763	45	9337	2.522	ug/l #	85
23) Vinyl Acetate	3.727	43	38435	11.600	ug/l	98
24) 1,1-Dichloroethane	3.611	63	5512	2.599	ug/l	98
25) 2-Butanone	4.562	43	13285	13.443	ug/l	93
26) 2,2-Dichloropropane	4.470	77	3525	2.130	ug/l	80
27) cis-1,2-Dichloroethene	4.495	96	3368	2.585	ug/l	95
28) Bromochloromethane	4.903	49	2424	2.451	ug/l #	96
29) Tetrahydrofuran	5.019	42	8401	13.370	ug/l	95
30) Chloroform	5.098	83	5634	2.474	ug/l	98
31) Cyclohexane	5.476	56	4642	2.442	ug/l #	87
32) 1,1,1-Trichloroethane	5.385	97	4686	2.398	ug/l	97
36) 1,1-Dichloropropene	5.690	75	4370	2.642	ug/l	98
37) Ethyl Acetate	4.733	43	3749	2.076	ug/l #	92
38) Carbon Tetrachloride	5.671	117	3507	2.216	ug/l #	91
39) Methylcyclohexane	7.378	83	4239	2.107	ug/l	89
40) Benzene	6.037	78	11914	2.473	ug/l	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:07:23 2024
 Response via : Initial Calibration

Manual Integrations
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Reviewed By : John Carlone 02/01/2024
 Supervised By : Mahesh Dadoda 02/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	2444	2.668	ug/l #	90
42) 1,2-Dichloroethane	6.092	62	4818	2.598	ug/l	97
43) Isopropyl Acetate	6.342	43	6629	2.327	ug/l #	73
44) Trichloroethene	7.128	130	3129	2.468	ug/l	91
45) 1,2-Dichloropropane	7.433	63	3253	2.558	ug/l	90
46) Dibromomethane	7.580	93	2296	2.405	ug/l	99
47) Bromodichloromethane	7.823	83	3843	2.260	ug/l #	80
48) Methyl methacrylate	7.702	41	3307	2.357	ug/l	89
49) 1,4-Dioxane	7.665	88	1431	46.934	ug/l #	97
51) 4-Methyl-2-Pentanone	8.573	43	22369	11.505	ug/l	97
52) Toluene	8.720	92	7209	2.401	ug/l	95
53) t-1,3-Dichloropropene	8.982	75	3140	1.781	ug/l	91
54) cis-1,3-Dichloropropene	8.372	75	4198	2.231	ug/l	91
55) 1,1,2-Trichloroethane	9.146	97	2913	2.344	ug/l #	88
56) Ethyl methacrylate	9.122	69	3957	2.181	ug/l #	92
57) 1,3-Dichloropropane	9.311	76	4882	2.385	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	9961	10.915	ug/l	97
59) 2-Hexanone	9.433	43	17083	11.020	ug/l	99
60) Dibromochloromethane	9.518	129	2738	2.193	ug/l	93
61) 1,2-Dibromoethane	9.610	107	2985	2.222	ug/l	98
64) Tetrachloroethene	9.274	164	2544	2.538	ug/l	88
65) Chlorobenzene	10.079	112	7792	2.448	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.164	131	2347	2.183	ug/l	95
67) Ethyl Benzene	10.195	91	13365	2.340	ug/l	99
68) m/p-Xylenes	10.299	106	10021	4.663	ug/l	95
69) o-Xylene	10.640	106	4964	2.435	ug/l	92
70) Styrene	10.658	104	7667	2.232	ug/l	99
71) Bromoform	10.799	173	1752	2.129	ug/l #	98
73) Isopropylbenzene	10.963	105	12616	2.415	ug/l	98
74) N-amyl acetate	10.847	43	4556	1.915	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.207	83	5019	2.555	ug/l	96
76) 1,2,3-Trichloropropane	11.237	75	3746m	2.418	ug/l	
77) Bromobenzene	11.201	156	3119	2.588	ug/l	97
78) n-propylbenzene	11.305	91	15436	2.401	ug/l	100
79) 2-Chlorotoluene	11.365	91	9346	2.415	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	10144	2.259	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	794m	1.597	ug/l	
82) 4-Chlorotoluene	11.457	91	10303	2.319	ug/l	99
83) tert-Butylbenzene	11.713	119	9354	2.176	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	9946	2.219	ug/l	100
85) sec-Butylbenzene	11.890	105	12996	2.282	ug/l	99
86) p-Isopropyltoluene	12.012	119	9842	2.117	ug/l	92
87) 1,3-Dichlorobenzene	11.969	146	6053	2.490	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	6926	2.783	ug/l	92
89) n-Butylbenzene	12.335	91	9821	2.176	ug/l	95
90) Hexachloroethane	12.542	117	1484	2.020	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	5447	2.323	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.944	75	859	1.929	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	3386	2.311	ug/l	99
94) Hexachlorobutadiene	13.725	225	1353	2.344	ug/l	94
95) Naphthalene	13.774	128	10833	2.176	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	3492	2.410	ug/l	92

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ClientSampleId :
LOQ-WATER-02-QT1-2024

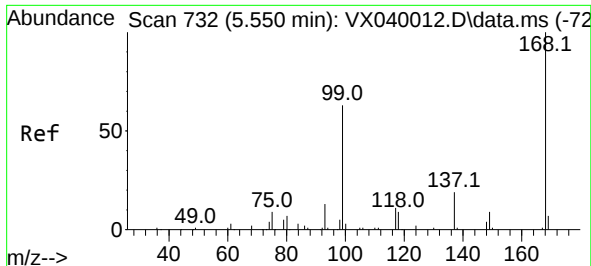
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

Quant Time: Feb 01 05:10:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 01 05:07:23 2024
Response via : Initial Calibration

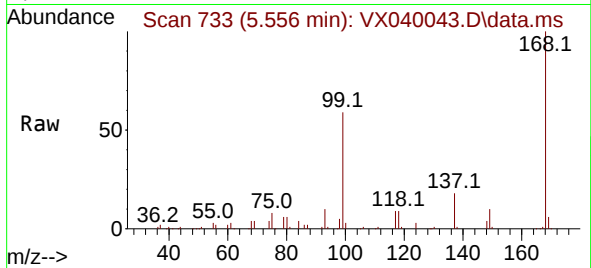
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

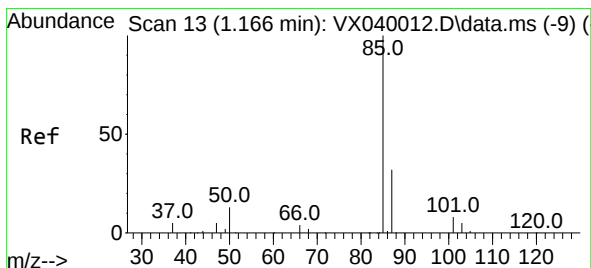
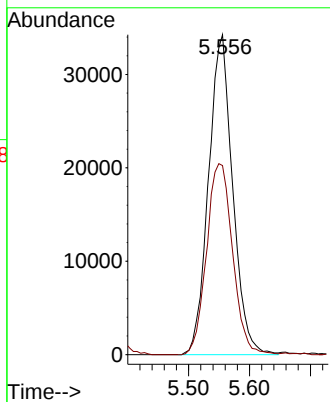
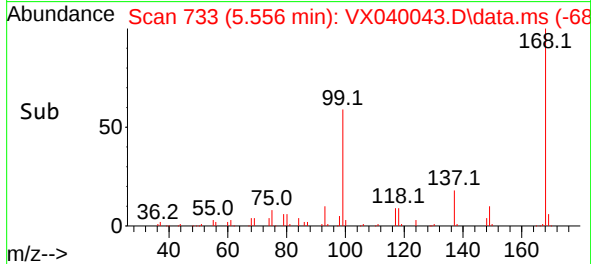
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:168 Resp: 94278
Ion Ratio Lower Upper
168 100
99 59.1 56.6 85.0

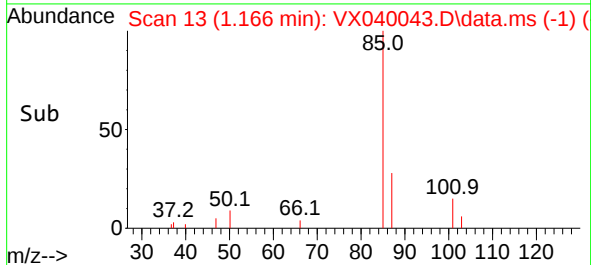
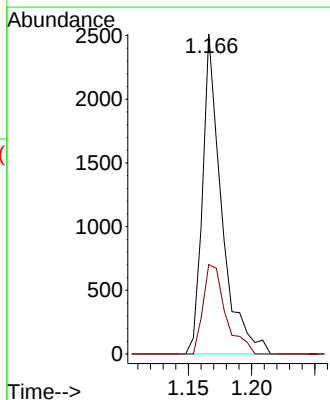
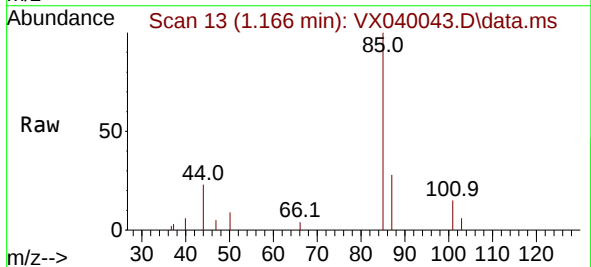
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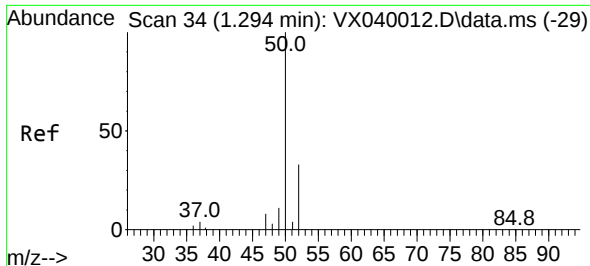
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#2
Dichlorodifluoromethane
Concen: 2.481 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

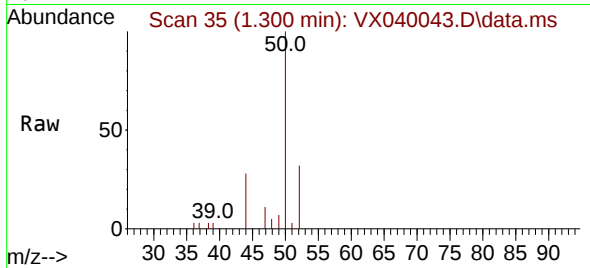
Tgt Ion: 85 Resp: 2635
Ion Ratio Lower Upper
85 100
87 28.0 16.7 50.1





#3
Chloromethane
Concen: 2.938 ug/l
RT: 1.300 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

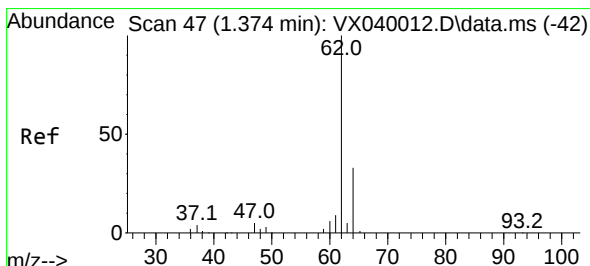
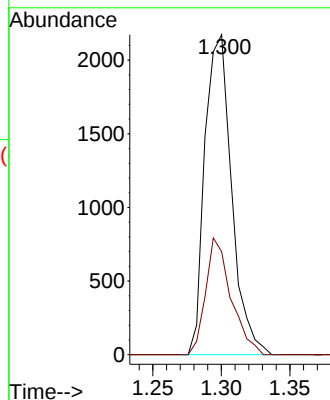
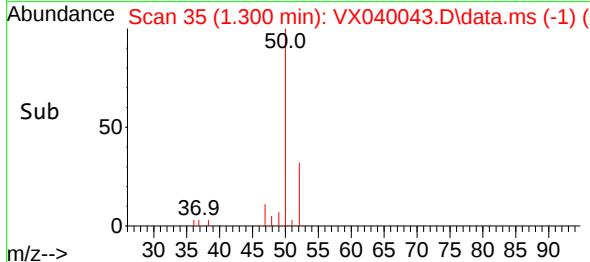
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 50 Resp: 2958
Ion Ratio Lower Upper
50 100
52 32.2 25.5 38.3

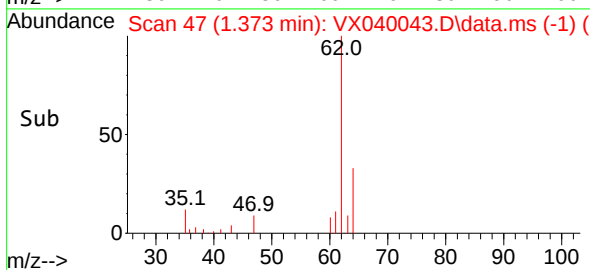
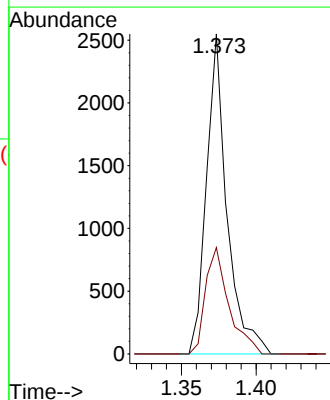
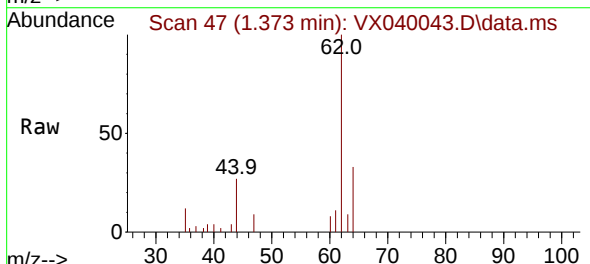
Manual Integrations
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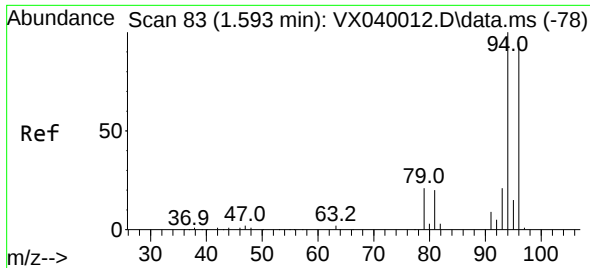
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#4
Vinyl Chloride
Concen: 2.599 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

Tgt Ion: 62 Resp: 2421
Ion Ratio Lower Upper
62 100
64 33.2 25.4 38.0





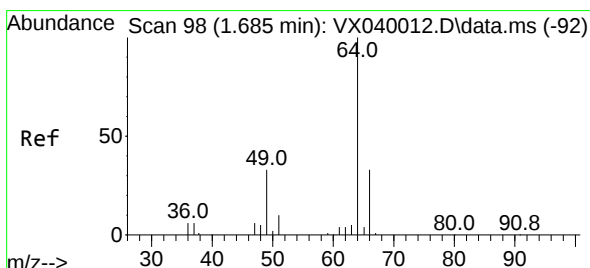
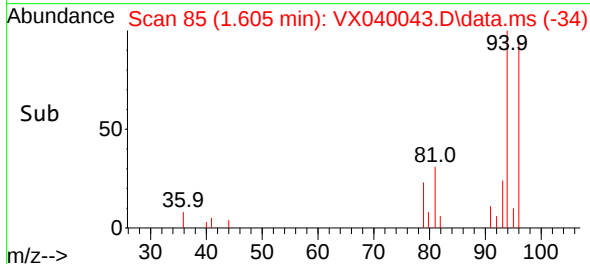
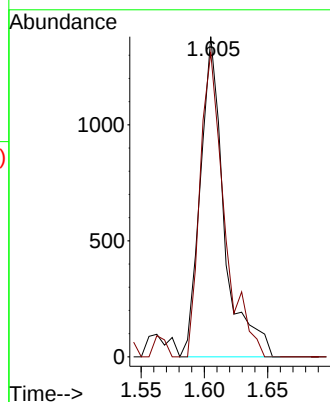
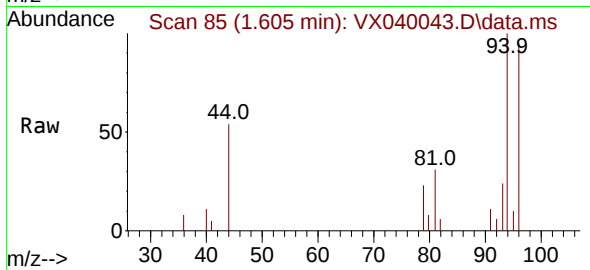
#5
Bromomethane
Concen: 2.005 ug/l
RT: 1.605 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion: 94 Resp: 181
Ion Ratio Lower Upper
94 100
96 95.1 74.6 111.8

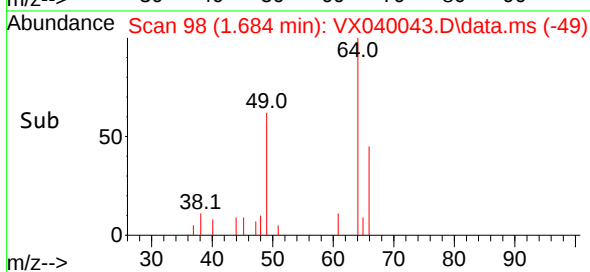
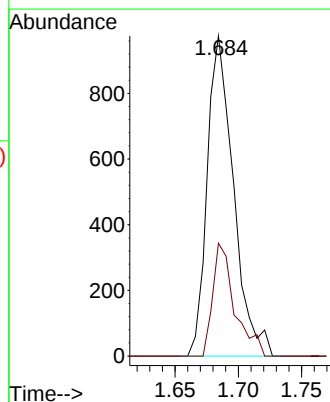
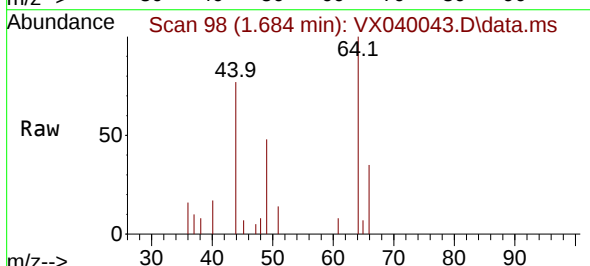
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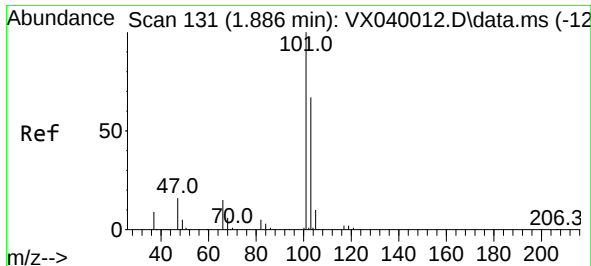
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#6
Chloroethane
Concen: 2.288 ug/l
RT: 1.684 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

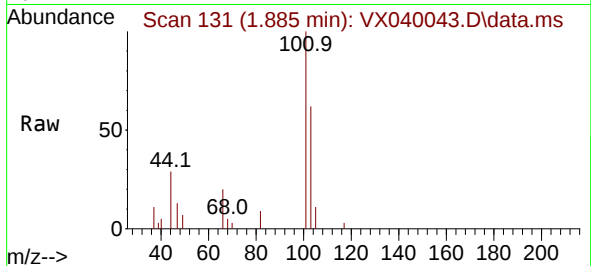
Tgt Ion: 64 Resp: 1407
Ion Ratio Lower Upper
64 100
66 35.3 25.1 37.7





#7
Trichlorofluoromethane
Concen: 2.014 ug/l
RT: 1.885 min Scan# 111
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

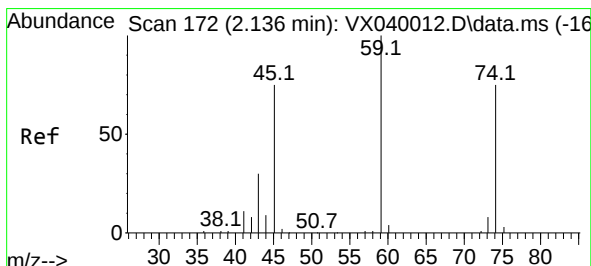
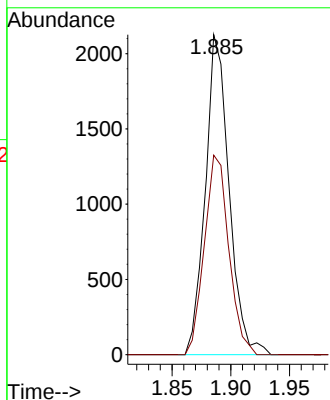
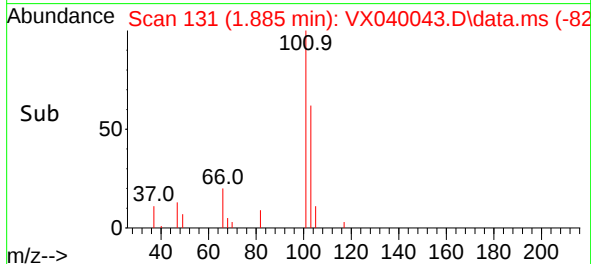
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:101 Resp: 2985
Ion Ratio Lower Upper
101 100
103 62.3 51.4 77.2

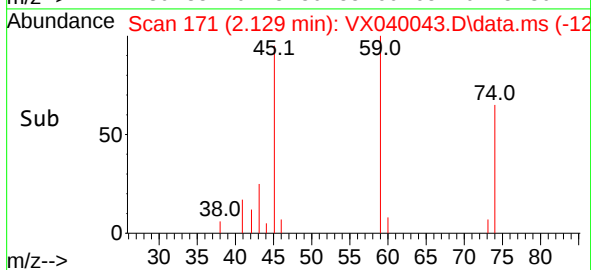
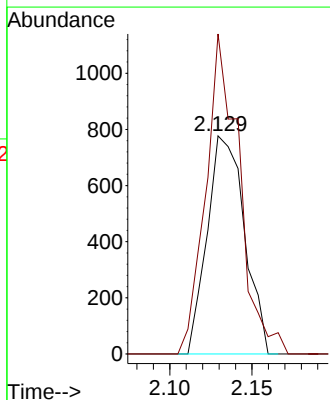
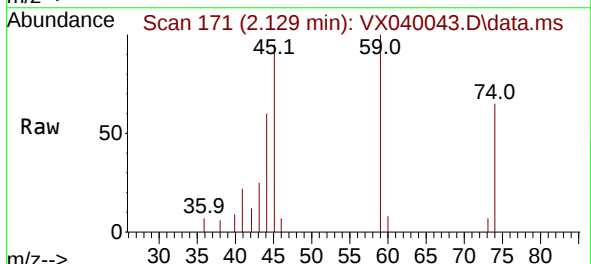
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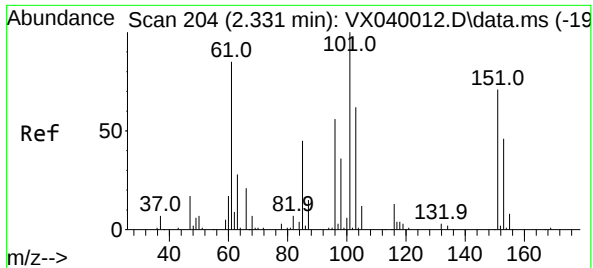
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#8
Diethyl Ether
Concen: 2.336 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

Tgt Ion: 74 Resp: 1224
Ion Ratio Lower Upper
74 100
45 131.5 53.3 159.8





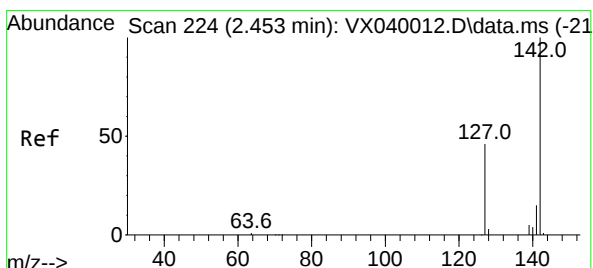
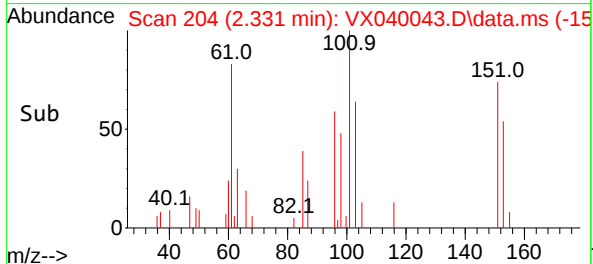
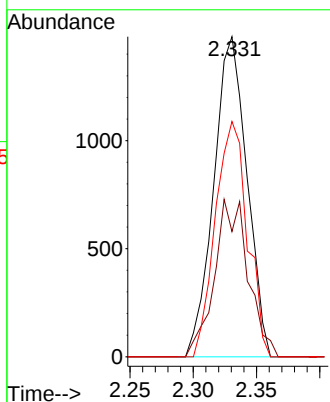
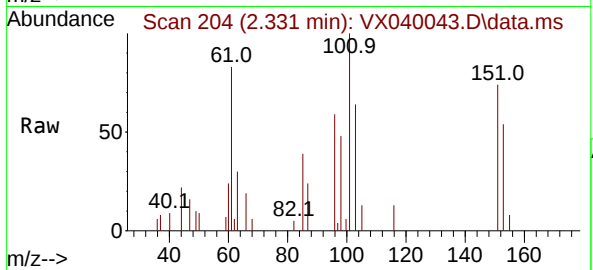
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.442 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2024

Tgt Ion:101 Resp: 2700
Ion Ratio Lower Upper
101 100
85 49.7 37.0 55.6
151 71.1 58.6 87.8

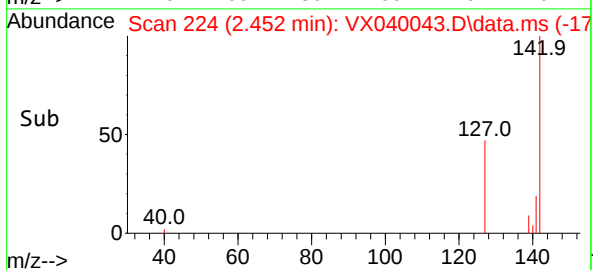
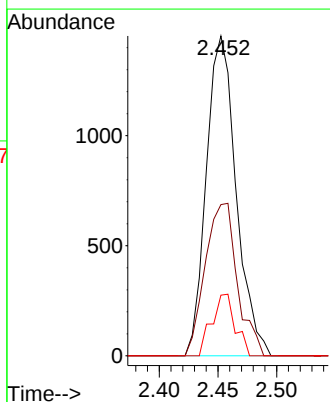
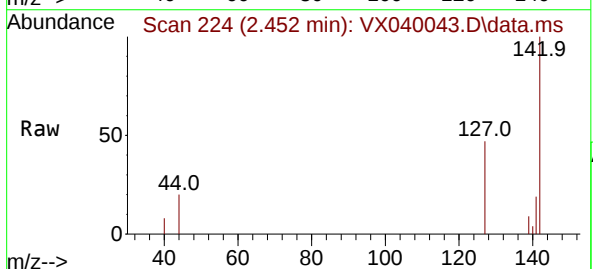
Manual Integrations
APPROVED

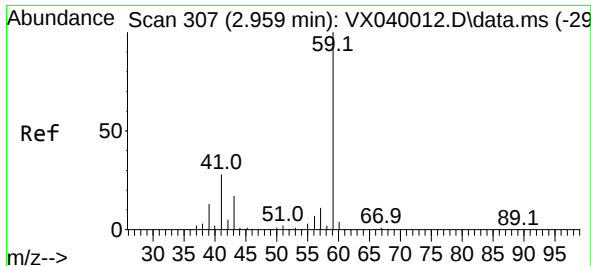
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#10
Methyl Iodide
Concen: 2.182 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

Tgt Ion:142 Resp: 2568
Ion Ratio Lower Upper
142 100
127 51.3 41.6 62.4
141 15.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 13.261 ug/l

RT: 2.958 min Scan# 307

Delta R.T. -0.000 min

Lab File: VX040043.D

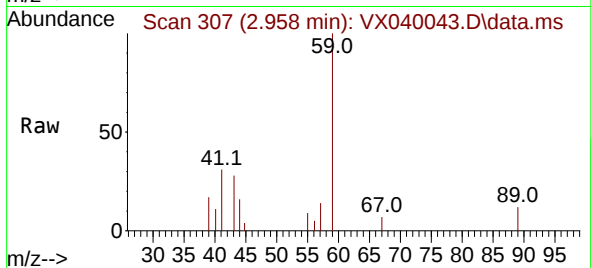
Acq: 31 Jan 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024



Tgt Ion: 59 Resp: 365

Ion Ratio Lower Upper

59 100

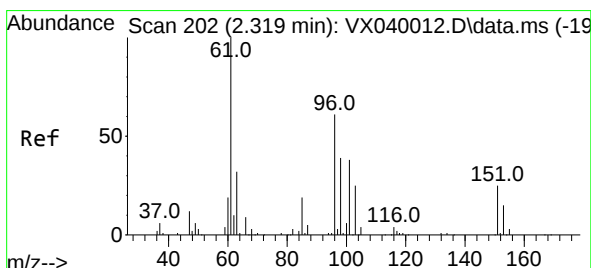
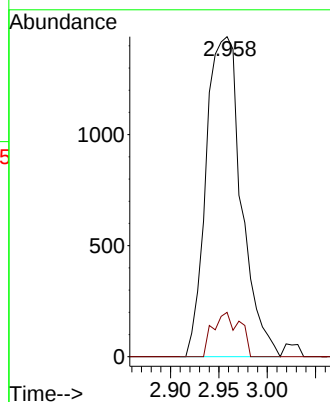
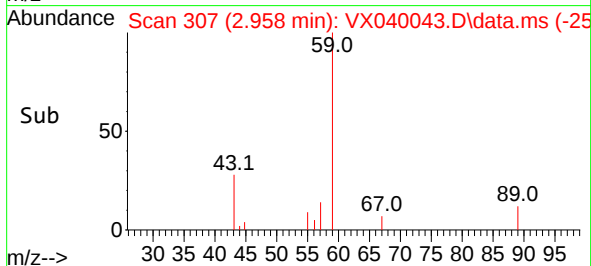
57 10.7 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#12

1,1-Dichloroethene

Concen: 2.422 ug/l

RT: 2.318 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

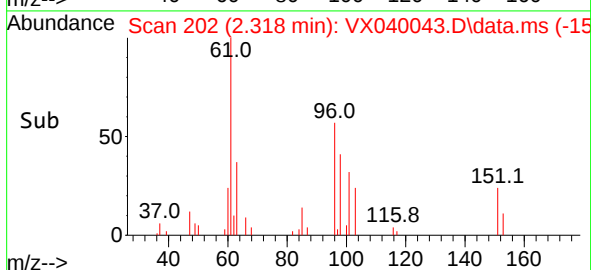
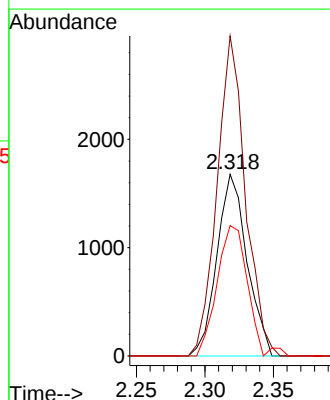
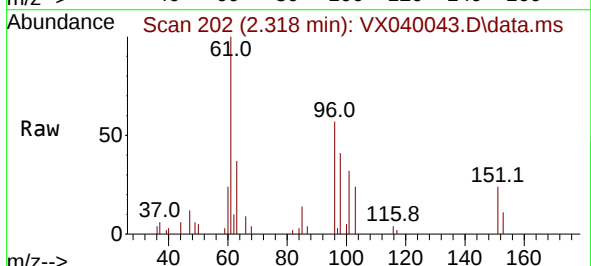
Tgt Ion: 96 Resp: 2568

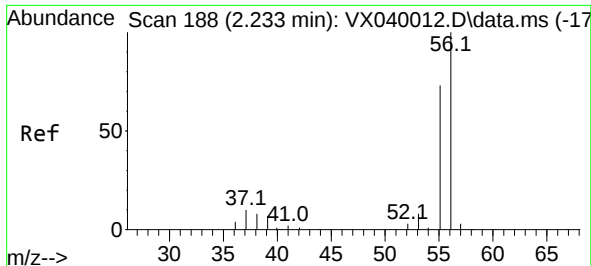
Ion Ratio Lower Upper

96 100

61 176.2 144.6 216.8

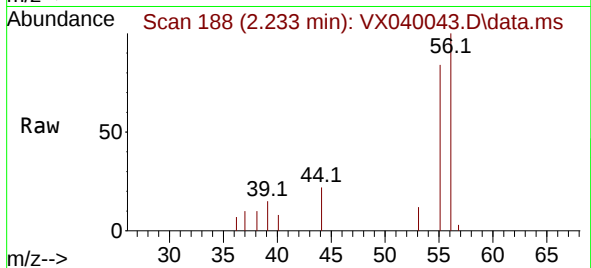
98 71.8 50.4 75.6





#13
Acrolein
Concen: 12.822 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

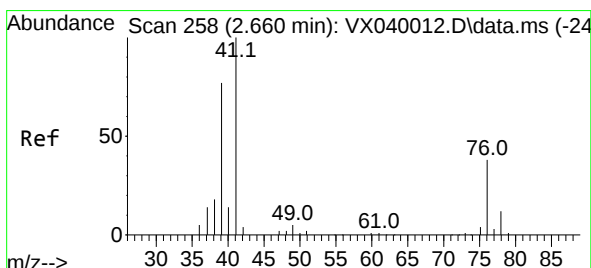
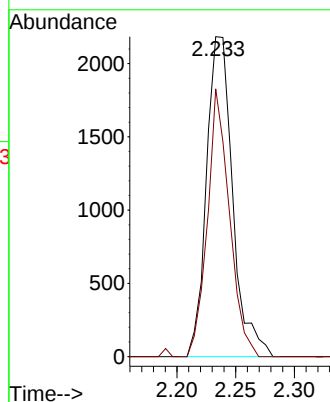
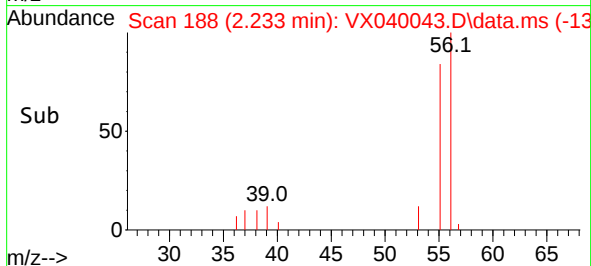
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



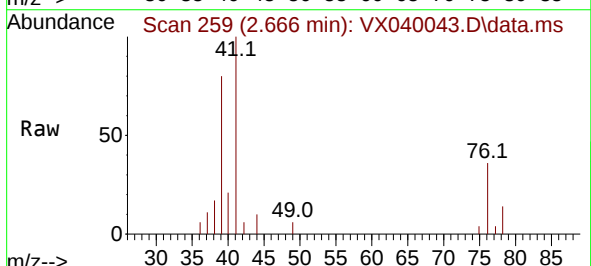
Tgt Ion: 56 Resp: 338
Ion Ratio Lower Upper
56 100
55 70.3 57.1 85.7

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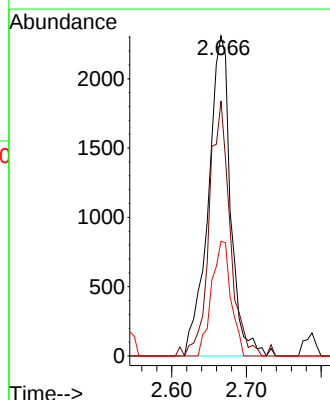
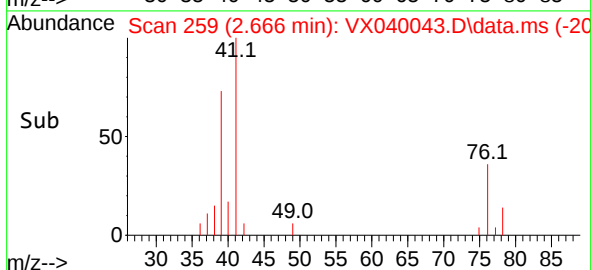
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

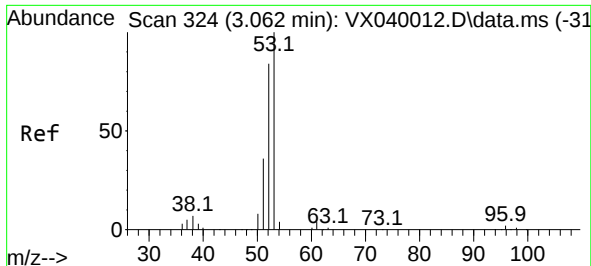


#14
Allyl chloride
Concen: 2.523 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12



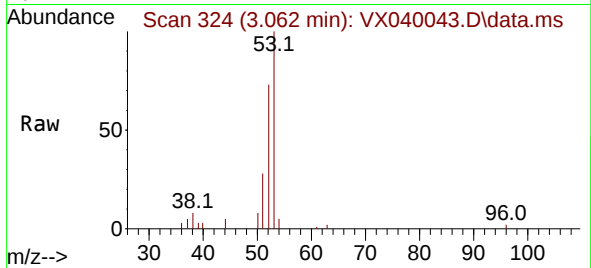
Tgt Ion: 41 Resp: 4823
Ion Ratio Lower Upper
41 100
39 73.5 55.8 83.6
76 30.8 24.3 36.5





#15
Acrylonitrile
Concen: 13.046 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

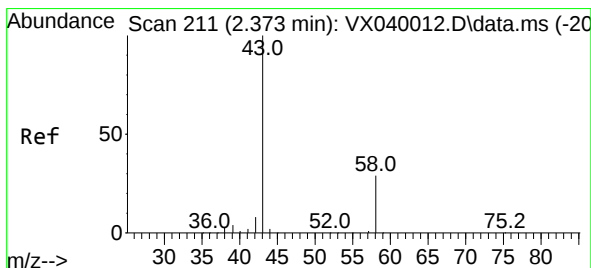
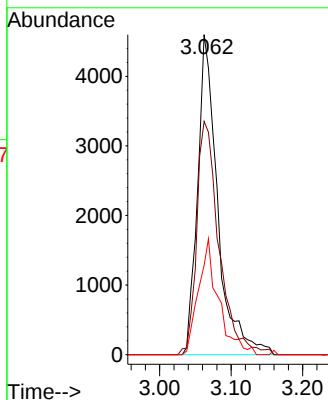
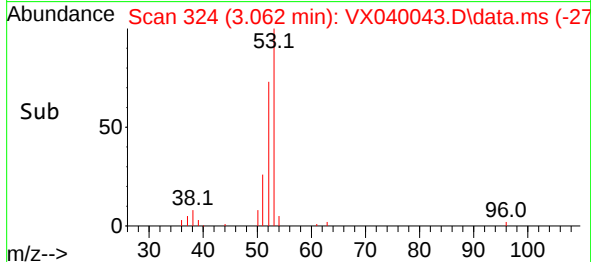
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 53 Resp: 899
Ion Ratio Lower Upper
53 100
52 80.9 66.0 99.0
51 36.3 29.8 44.6

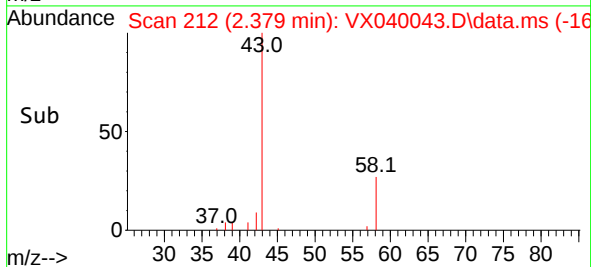
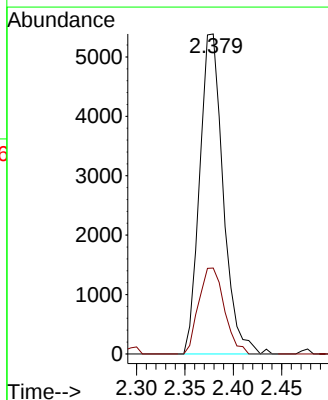
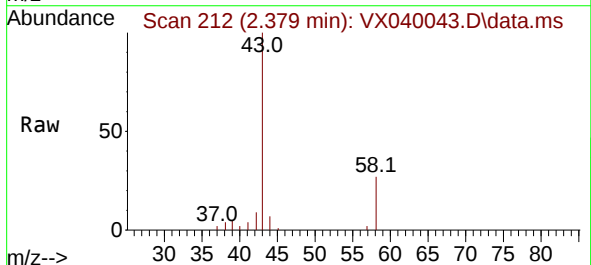
Manual Integrations
APPROVED

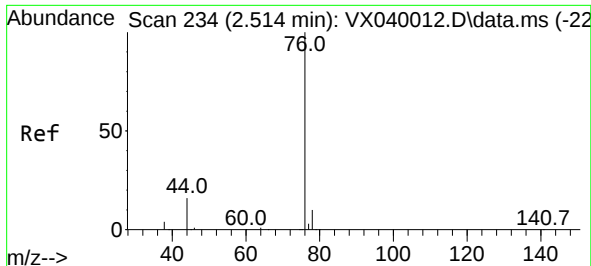
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#16
Acetone
Concen: 12.847 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

Tgt Ion: 43 Resp: 9133
Ion Ratio Lower Upper
43 100
58 26.9 21.9 32.9





#17

Carbon Disulfide

Concen: 2.360 ug/l

RT: 2.513 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 76 Resp: 7310

Ion Ratio Lower Upper

76 100

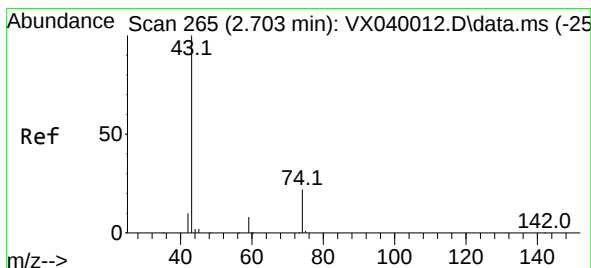
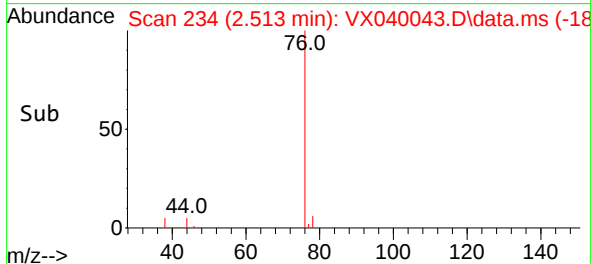
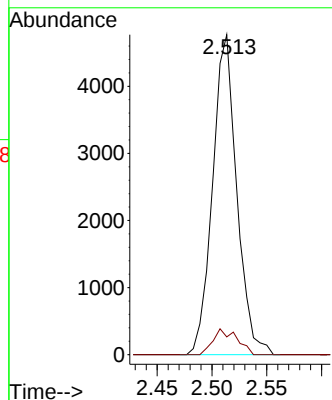
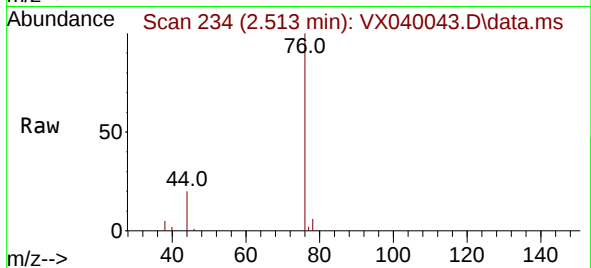
78 5.5 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#18

Methyl Acetate

Concen: 2.624 ug/l

RT: 2.702 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX040043.D

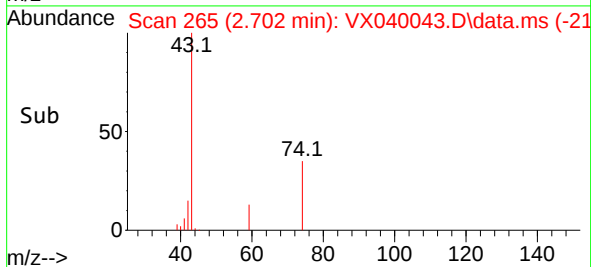
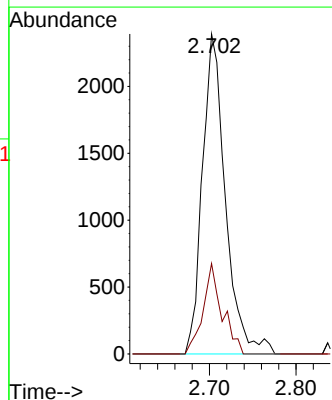
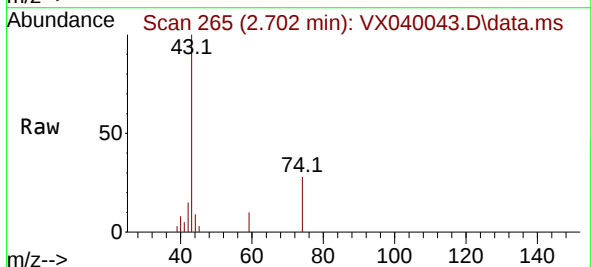
Acq: 31 Jan 2024 13:12

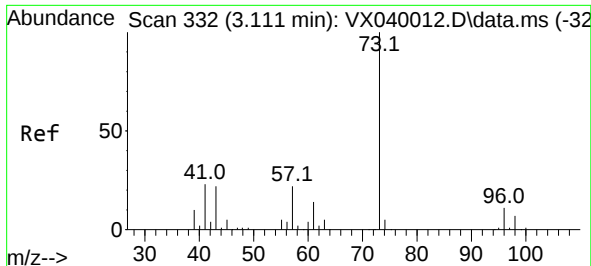
Tgt Ion: 43 Resp: 4420

Ion Ratio Lower Upper

43 100

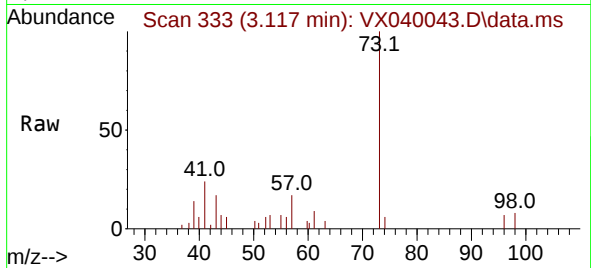
74 23.4 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 2.529 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

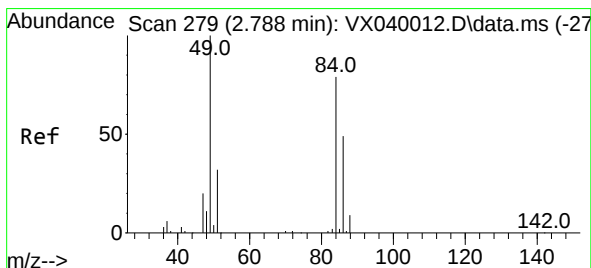
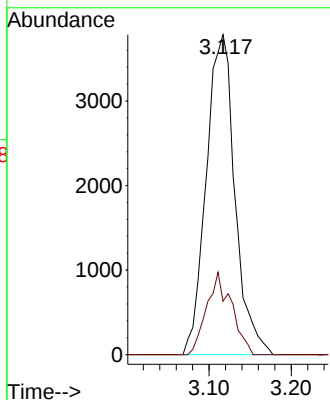
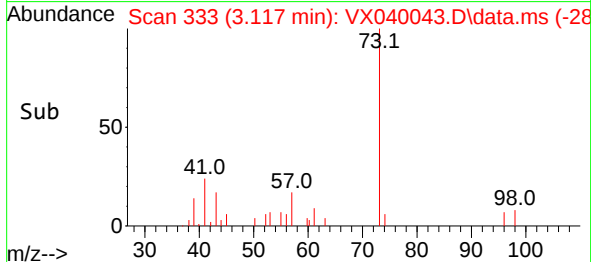
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



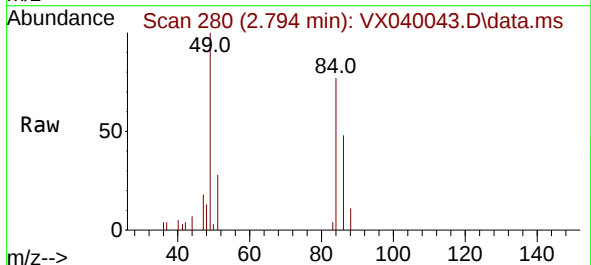
Tgt Ion: 73 Resp: 9180
Ion Ratio Lower Upper
73 100
57 16.7 17.3 25.9

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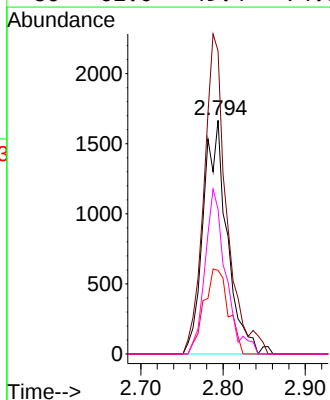
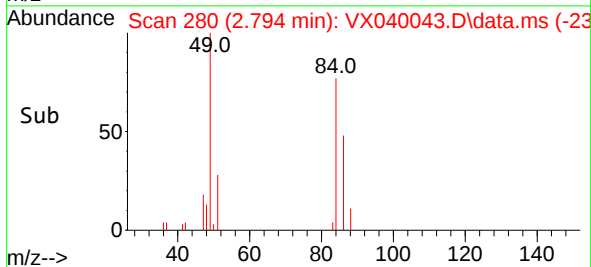
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

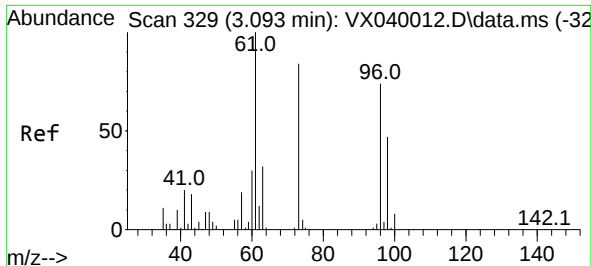


#20
Methylene Chloride
Concen: 2.672 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12



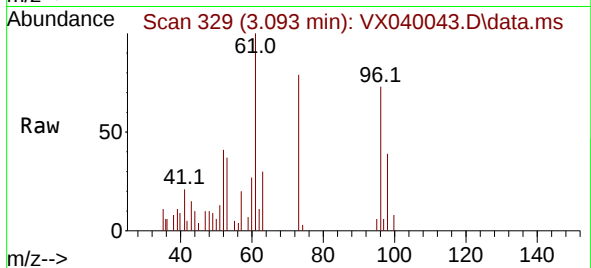
Tgt Ion: 84 Resp: 3376
Ion Ratio Lower Upper
84 100
49 129.7 103.6 155.4
51 35.8 33.8 50.6
86 62.0 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 2.474 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

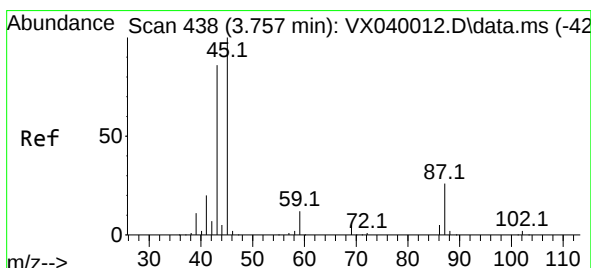
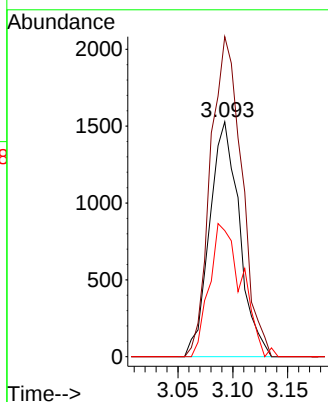
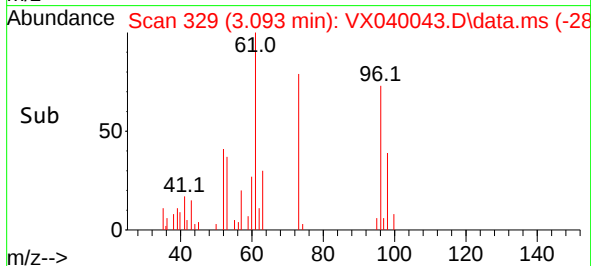
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 96 Resp: 2889
Ion Ratio Lower Upper
96 100
61 136.3 119.2 178.8
98 53.7 48.7 73.1

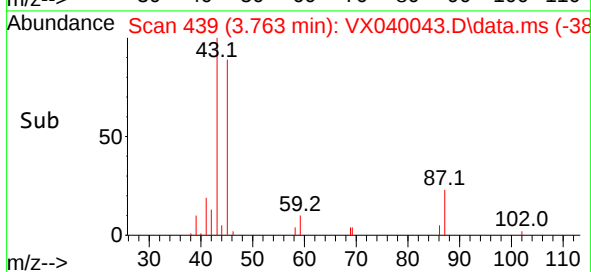
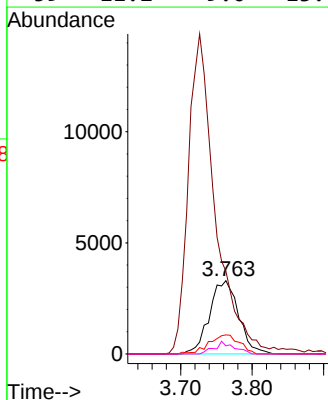
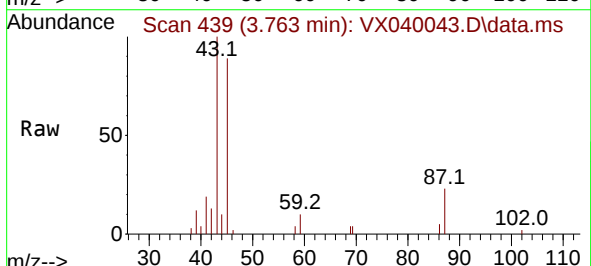
Manual Integrations
APPROVED

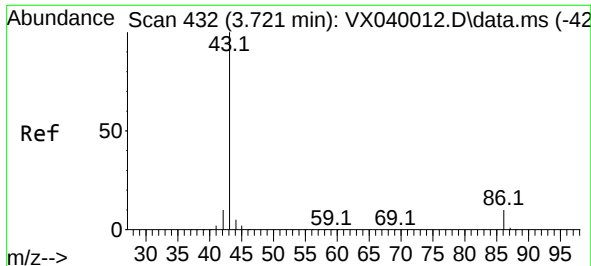
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#22
Diisopropyl ether
Concen: 2.522 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

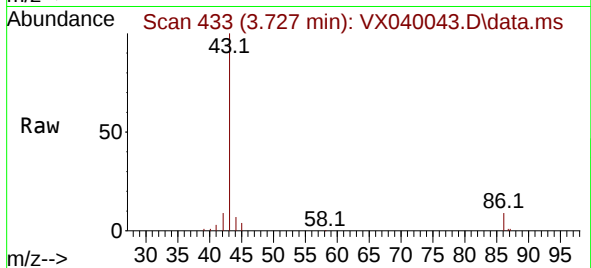
Tgt Ion: 45 Resp: 9337
Ion Ratio Lower Upper
45 100
43 106.8 69.7 104.5#
87 26.1 20.8 31.2
59 11.2 9.0 13.4





#23
 Vinyl Acetate
 Concen: 11.600 ug/l
 RT: 3.727 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX040043.D
 Acq: 31 Jan 2024 13:12

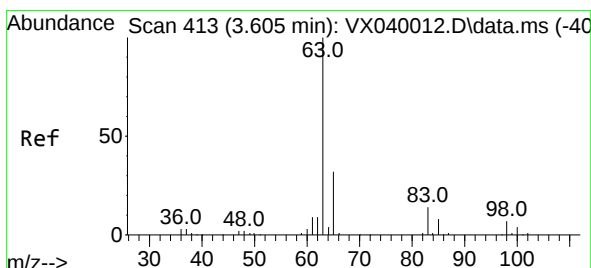
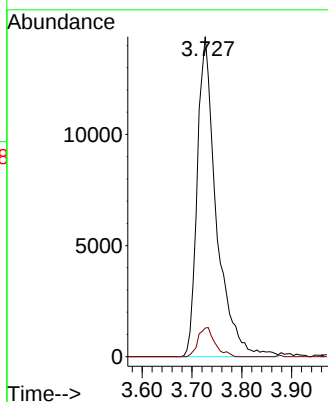
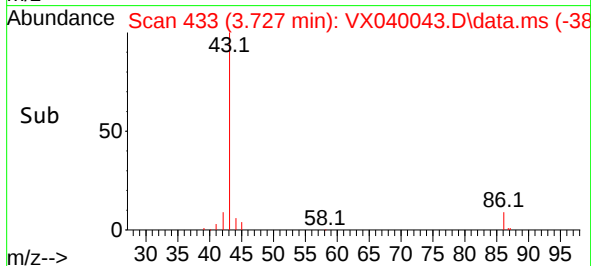
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2024



Tgt Ion: 43 Resp: 3843
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.8 11.8

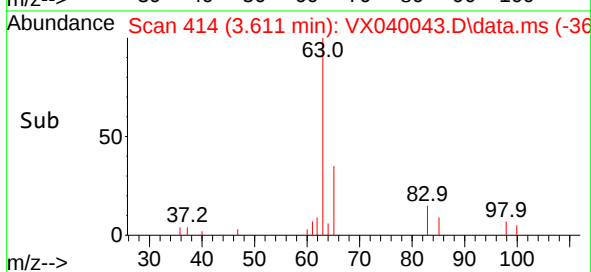
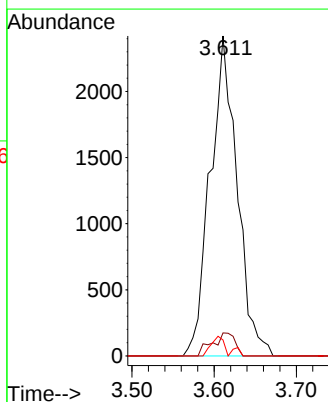
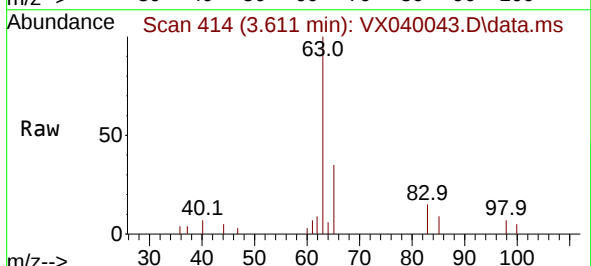
Manual Integrations
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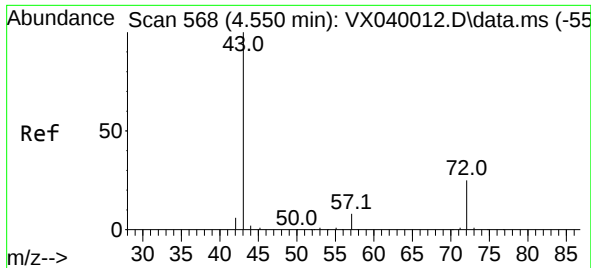
Reviewed By :John Carlone 02/01/2024
 Supervised By :Mahesh Dadoda 02/01/2024



#24
 1,1-Dichloroethane
 Concen: 2.599 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX040043.D
 Acq: 31 Jan 2024 13:12

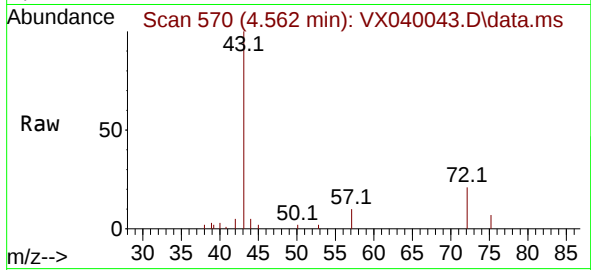
Tgt Ion: 63 Resp: 5512
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.8
 100 5.0 2.1 6.5





#25
2-Butanone
Concen: 13.443 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

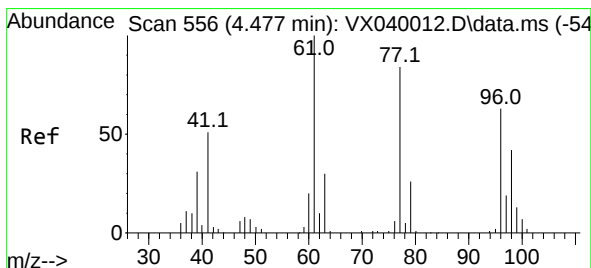
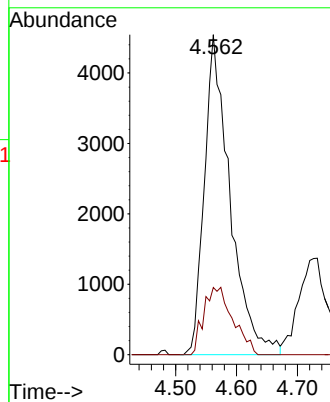
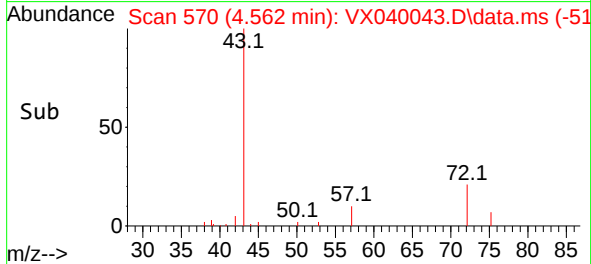
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 43 Resp: 1328
Ion Ratio Lower Upper
43 100
72 21.0 19.4 29.2

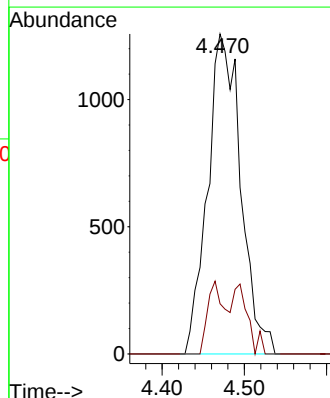
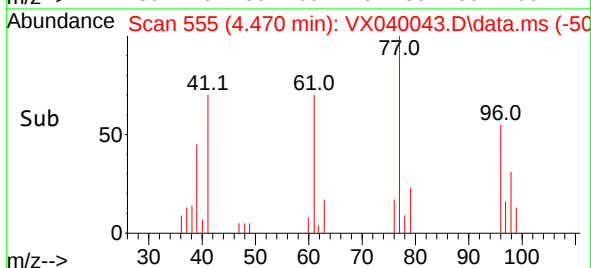
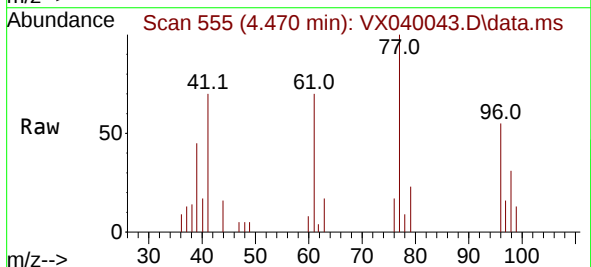
Manual Integrations
APPROVED

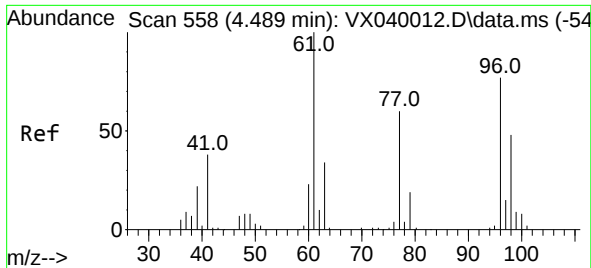
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#26
2,2-Dichloropropane
Concen: 2.130 ug/l
RT: 4.470 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

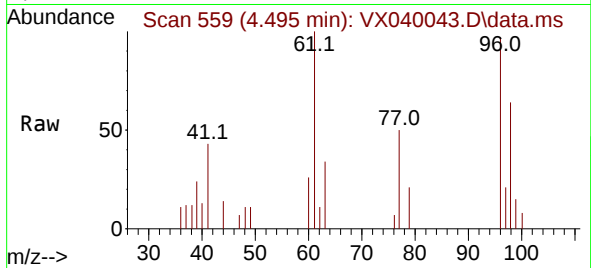
Tgt Ion: 77 Resp: 3525
Ion Ratio Lower Upper
77 100
97 12.1 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 2.585 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX040043.D
 Acq: 31 Jan 2024 13:12

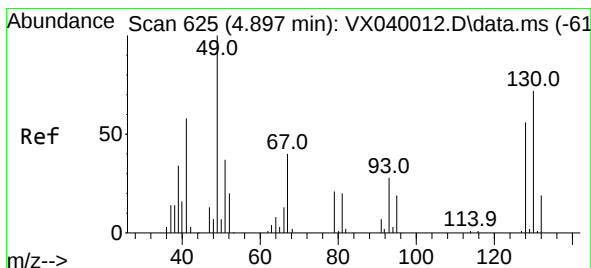
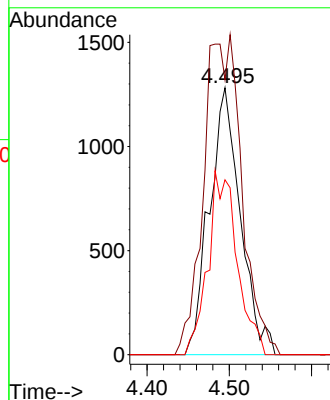
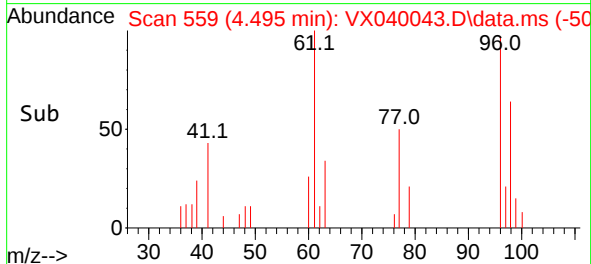
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2024



Tgt Ion: 96 Resp: 336
 Ion Ratio Lower Upper
 96 100
 61 146.6 0.0 312.2
 98 64.6 0.0 129.0

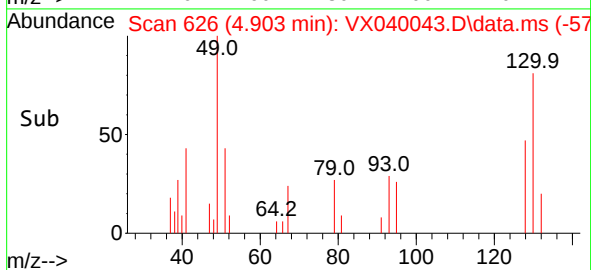
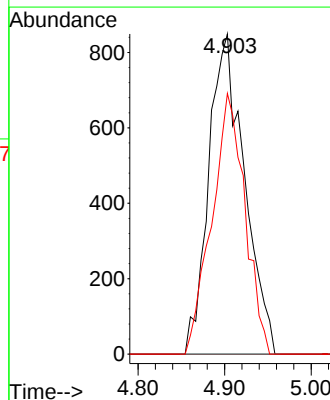
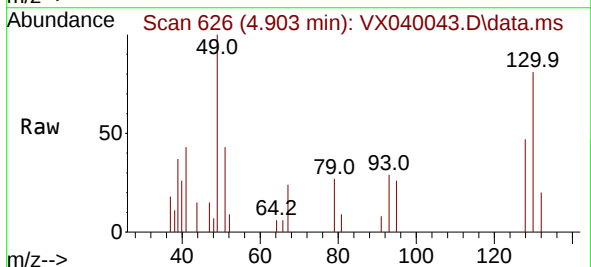
Manual Integrations
 APPROVED

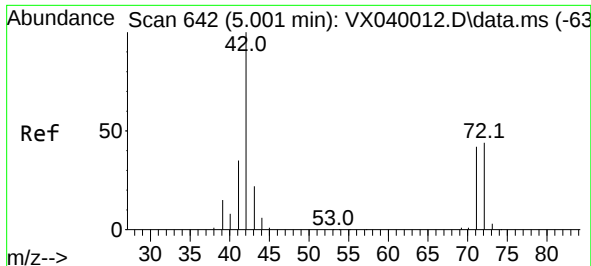
Reviewed By :John Carlone 02/01/2024
 Supervised By :Mahesh Dadoda 02/01/2024



#28
 Bromochloromethane
 Concen: 2.451 ug/l
 RT: 4.903 min Scan# 626
 Delta R.T. 0.006 min
 Lab File: VX040043.D
 Acq: 31 Jan 2024 13:12

Tgt Ion: 49 Resp: 2424
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 75.5 57.5 86.3





#29

Tetrahydrofuran

Concen: 13.370 ug/l

RT: 5.019 min Scan# 642

Delta R.T. 0.018 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

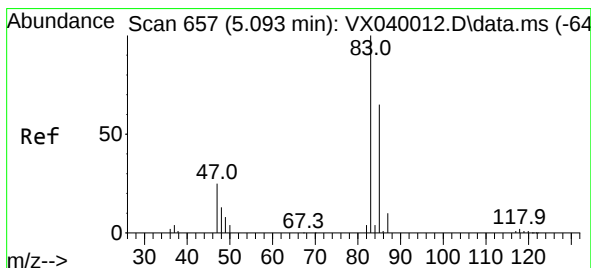
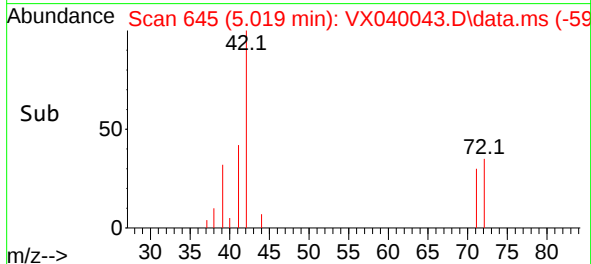
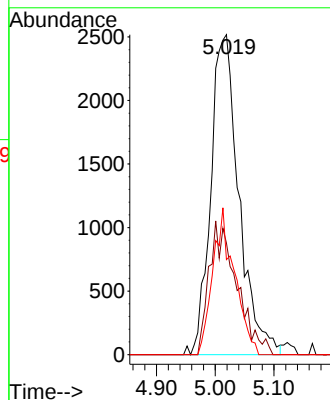
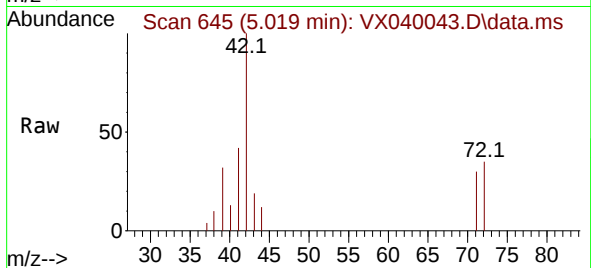
Tgt Ion:	42	Resp:	840
Ion Ratio	Lower	Upper	
42	100		
72	40.7	34.2	51.4
71	35.4	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#30

Chloroform

Concen: 2.474 ug/l

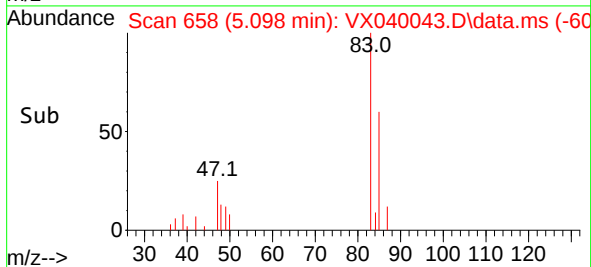
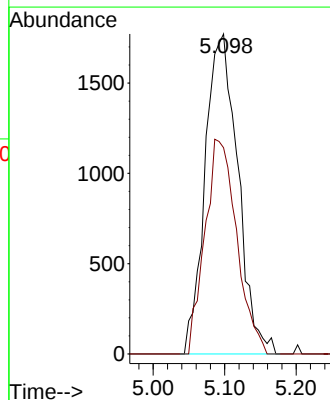
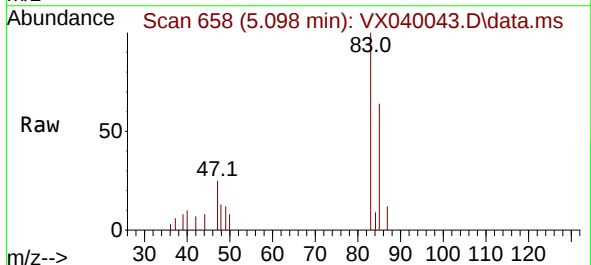
RT: 5.098 min Scan# 658

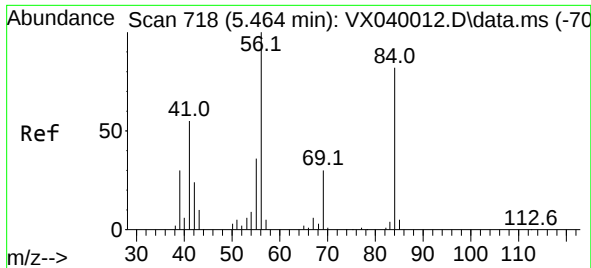
Delta R.T. 0.006 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

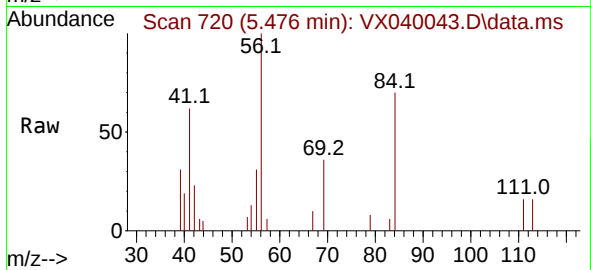
Tgt Ion:	83	Resp:	5634
Ion Ratio	Lower	Upper	
83	100		
85	64.4	50.3	75.5





#31
Cyclohexane
Concen: 2.442 ug/l
RT: 5.476 min Scan# 718
Delta R.T. 0.012 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

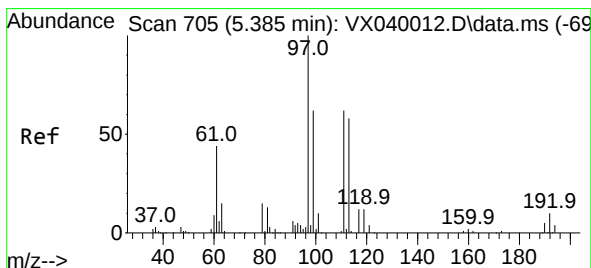
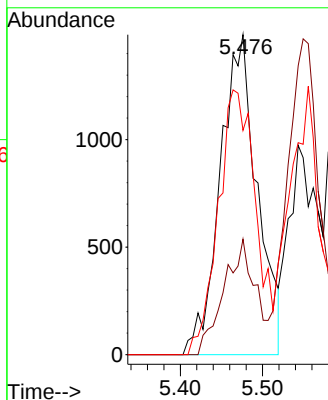
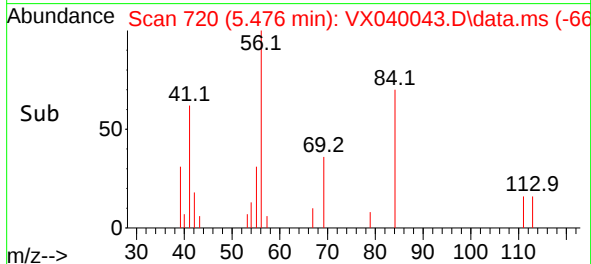
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 56 Resp: 4642
Ion Ratio Lower Upper
56 100
69 36.1 23.4 35.2
84 70.1 65.9 98.9

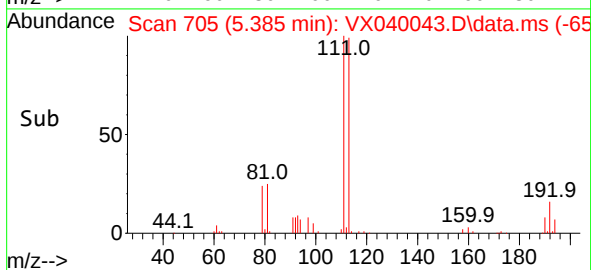
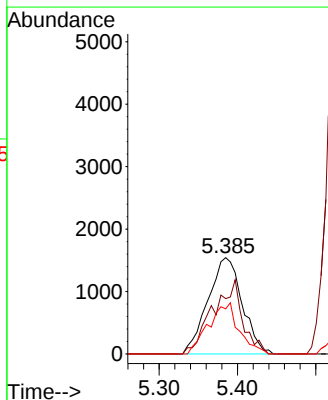
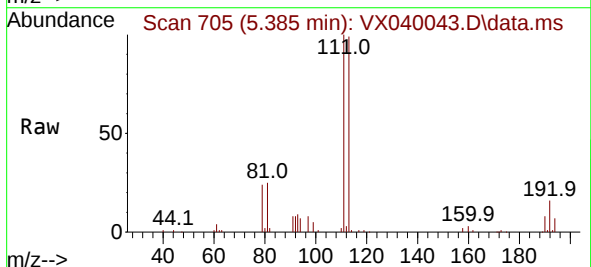
Manual Integrations
APPROVED

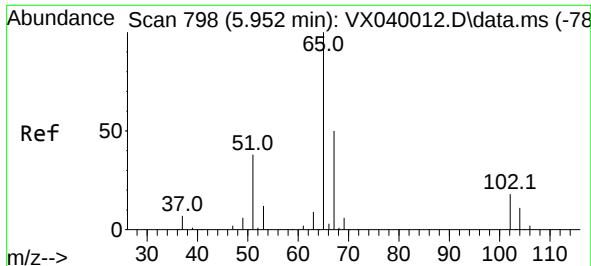
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#32
1,1,1-Trichloroethane
Concen: 2.398 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

Tgt Ion: 97 Resp: 4686
Ion Ratio Lower Upper
97 100
99 67.2 51.1 76.7
61 47.0 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.861 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 65 Resp: 72619

Ion Ratio Lower Upper

65 100

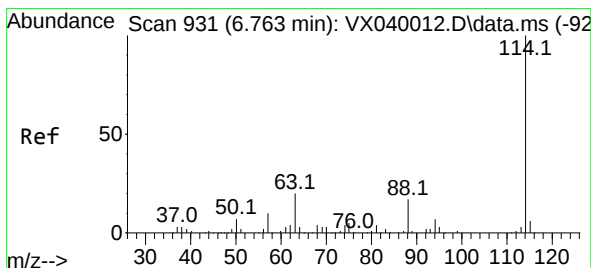
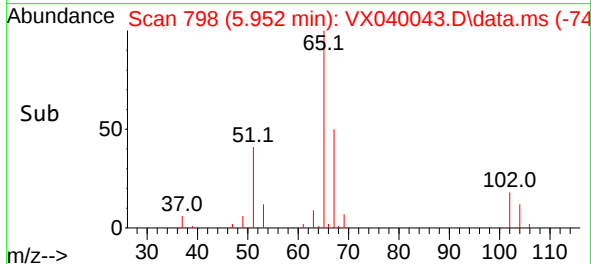
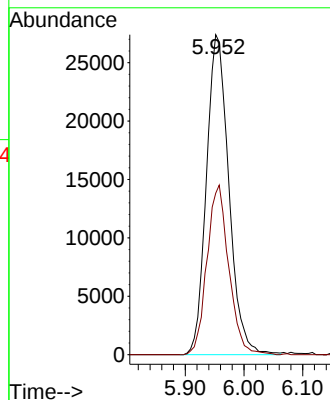
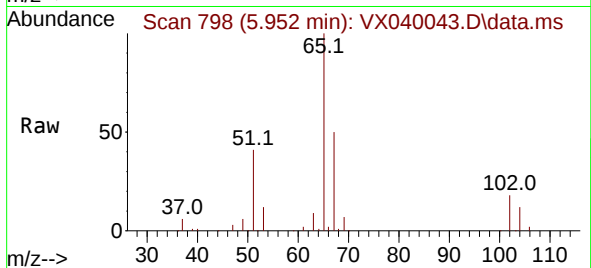
67 51.6 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

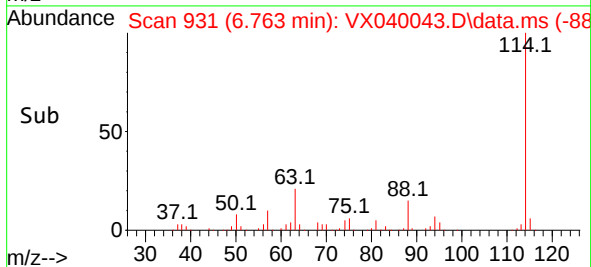
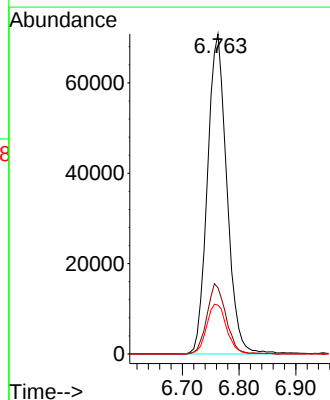
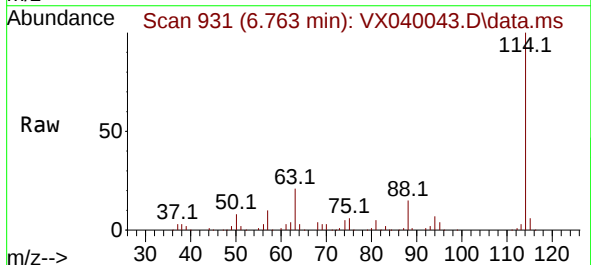
Tgt Ion:114 Resp: 167984

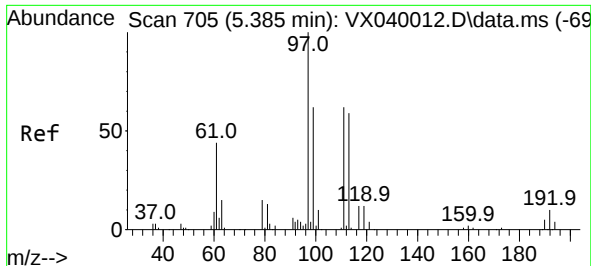
Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.0

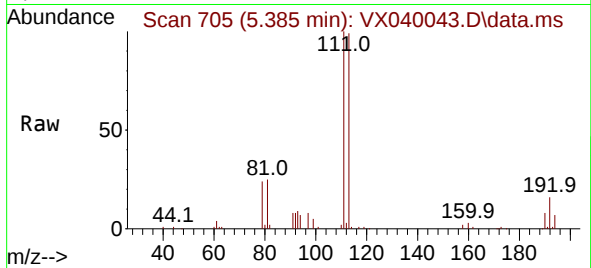
88 15.2 0.0 36.6





#35
Dibromofluoromethane
Concen: 47.720 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

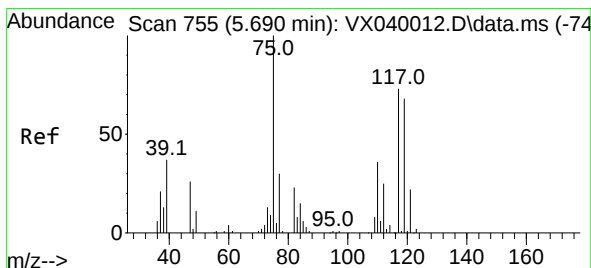
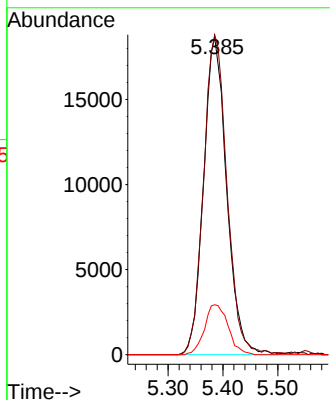
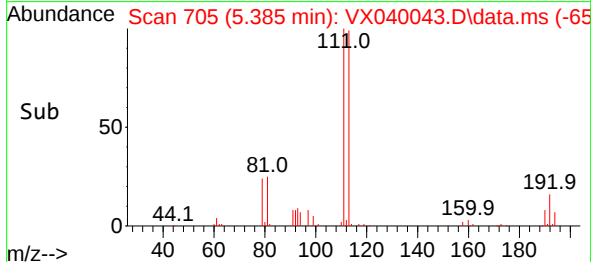
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:113 Resp: 5456
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 16.1 13.3 19.9

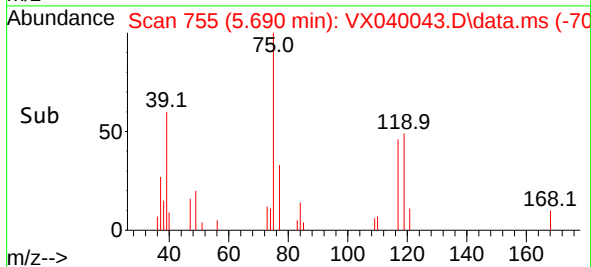
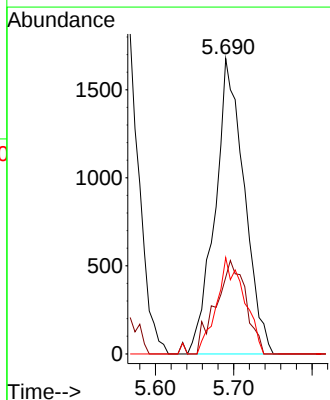
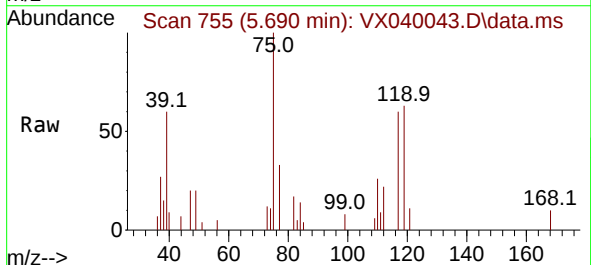
Manual Integrations
APPROVED

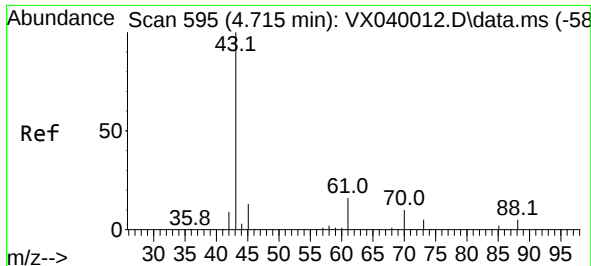
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#36
1,1-Dichloropropene
Concen: 2.642 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

Tgt Ion: 75 Resp: 4370
Ion Ratio Lower Upper
75 100
110 32.2 17.0 50.9
77 30.7 24.7 37.1





#37

Ethyl Acetate

Concen: 2.076 ug/l

RT: 4.733 min Scan# 595

Delta R.T. 0.018 min

Lab File: VX040043.D

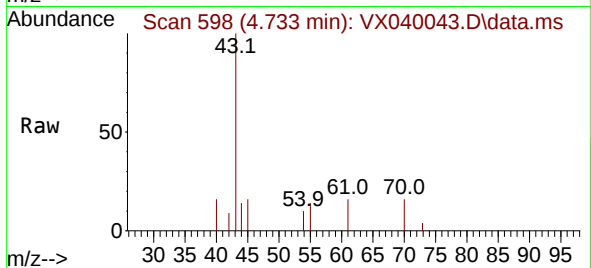
Acq: 31 Jan 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024



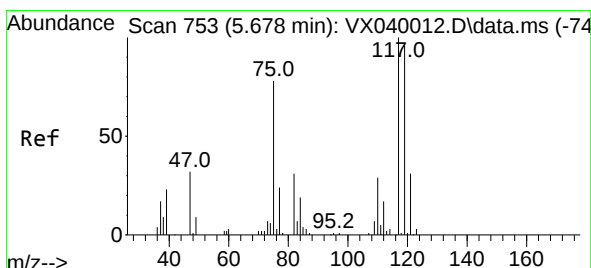
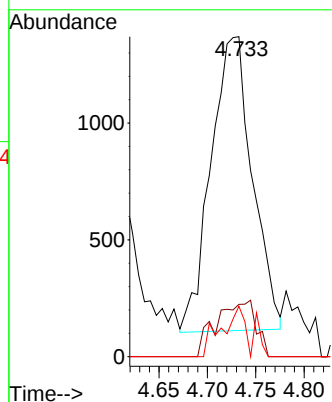
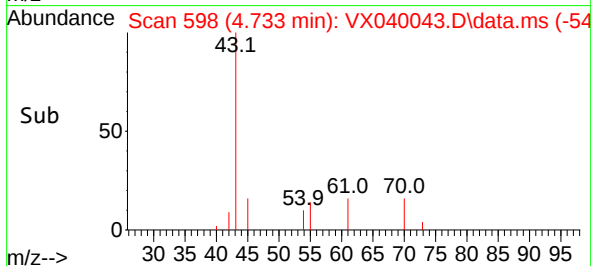
Tgt Ion: 43 Resp: 3749

Ion	Ratio	Lower	Upper
43	100		
61	18.2	10.6	16.0
70	9.6	8.3	12.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#38

Carbon Tetrachloride

Concen: 2.216 ug/l

RT: 5.671 min Scan# 752

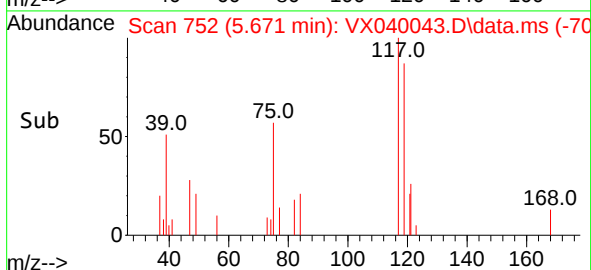
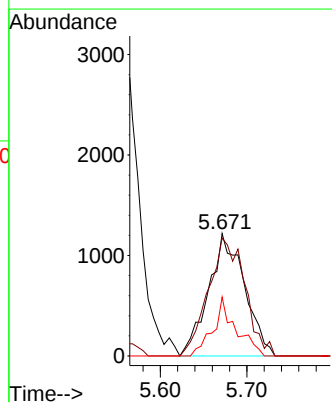
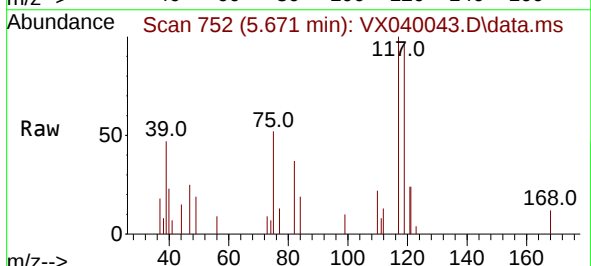
Delta R.T. -0.006 min

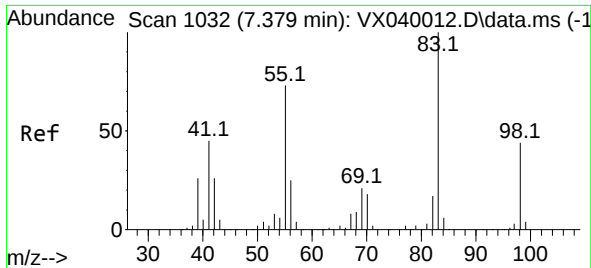
Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

Tgt Ion:117 Resp: 3507

Ion	Ratio	Lower	Upper
117	100		
119	96.3	78.2	117.2
121	48.1	24.4	36.6





#39

Methylcyclohexane

Concen: 2.107 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

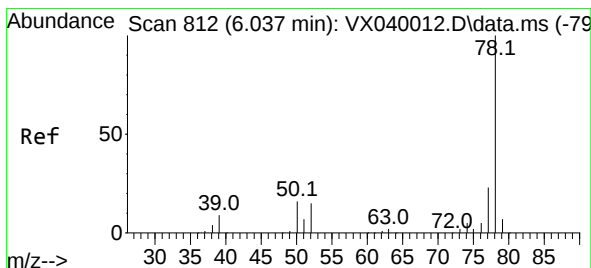
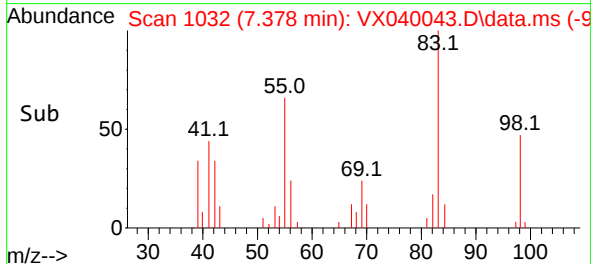
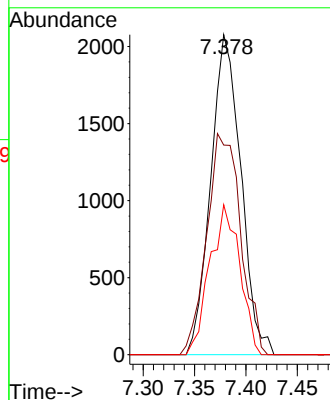
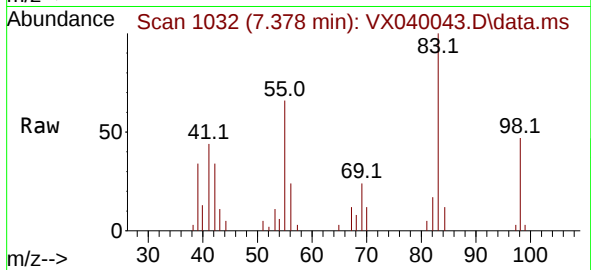
Tgt Ion: 83	Resp: 4239
Ion Ratio	Lower Upper
83 100	
55 65.5	64.6 97.0
98 46.8	36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#40

Benzene

Concen: 2.473 ug/l

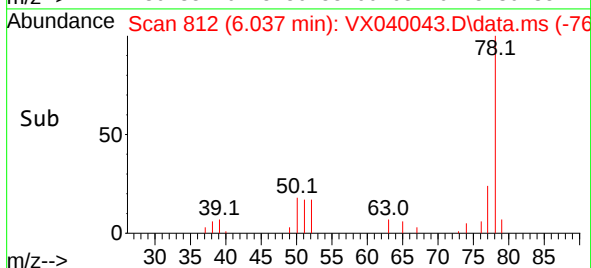
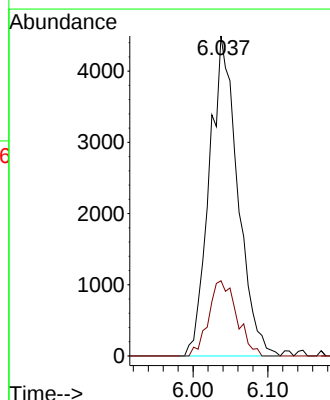
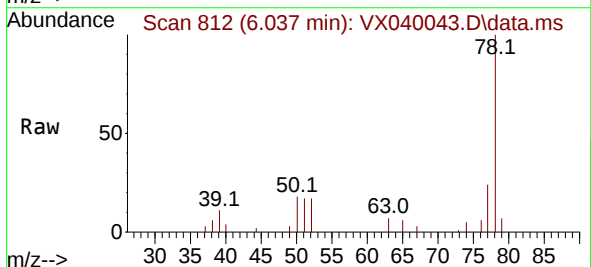
RT: 6.037 min Scan# 812

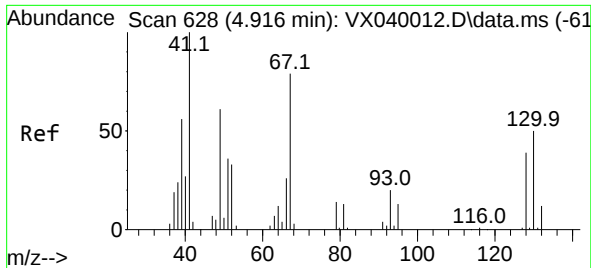
Delta R.T. -0.000 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

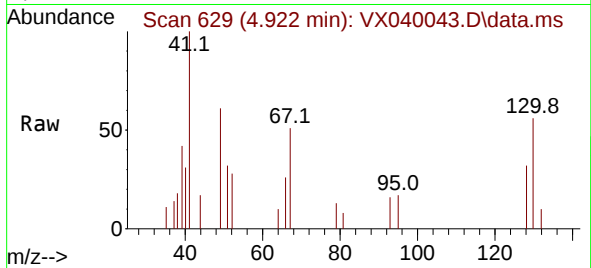
Tgt Ion: 78	Resp: 11914
Ion Ratio	Lower Upper
78 100	
77 23.5	19.3 28.9





#41
Methacrylonitrile
Concen: 2.668 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

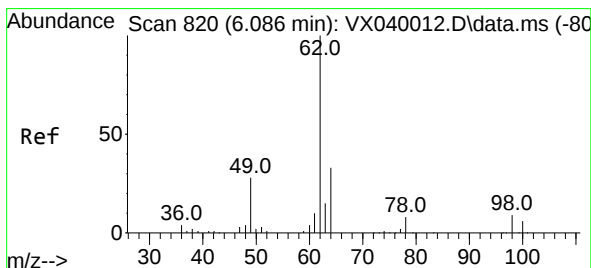
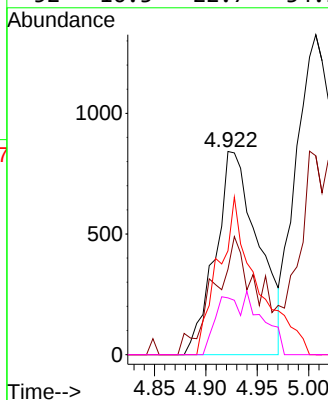
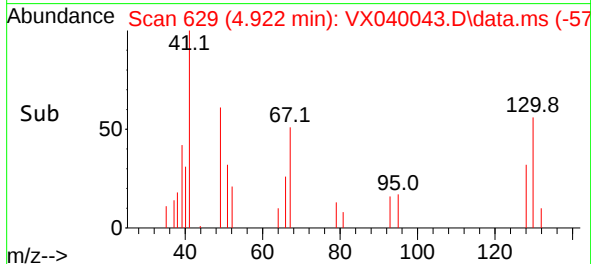
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 41 Resp: 244
Ion Ratio Lower Upper
41 100
39 62.9 45.2 67.8
67 70.0 52.6 78.8
52 16.3 22.7 34.1#

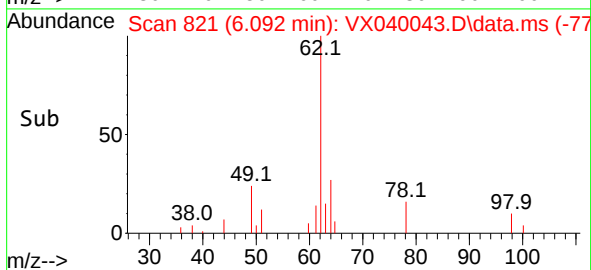
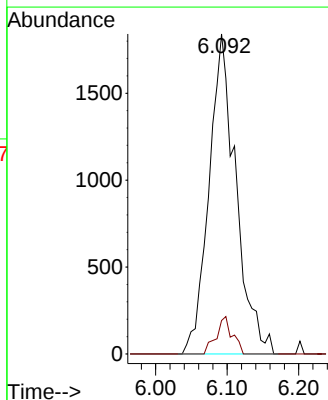
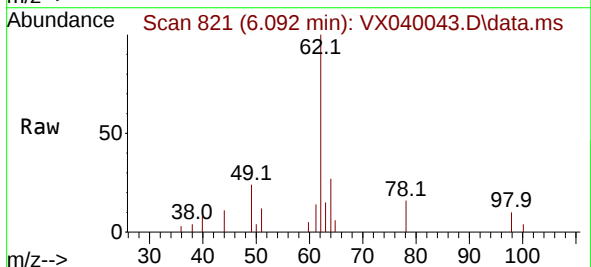
Manual Integrations
APPROVED

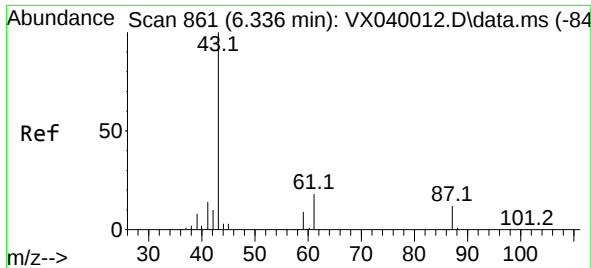
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#42
1,2-Dichloroethane
Concen: 2.598 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

Tgt Ion: 62 Resp: 4818
Ion Ratio Lower Upper
62 100
98 7.0 0.0 16.0





#43

Isopropyl Acetate

Concen: 2.327 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX040043.D

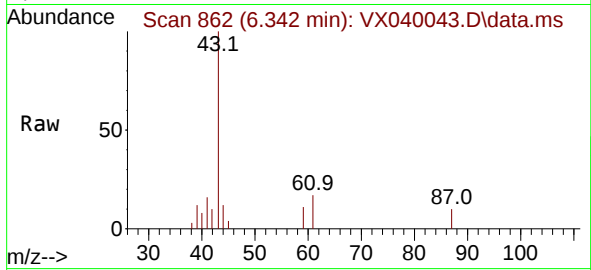
Acq: 31 Jan 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024



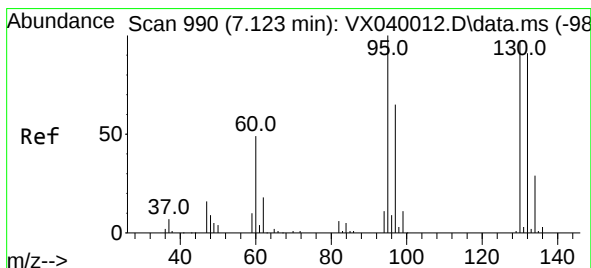
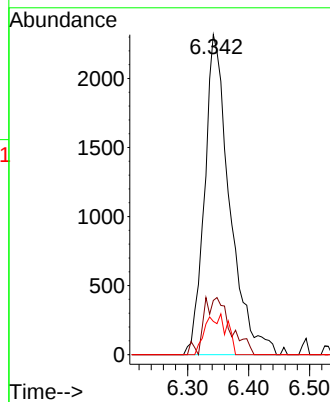
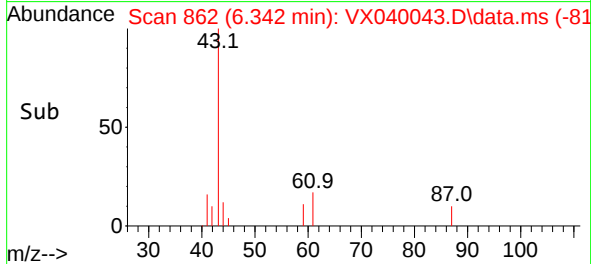
Tgt Ion: 43	Resp: 6629
Ion Ratio	Lower Upper
43	100
61	0.0 15.2 22.8
87	10.9 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#44

Trichloroethene

Concen: 2.468 ug/l

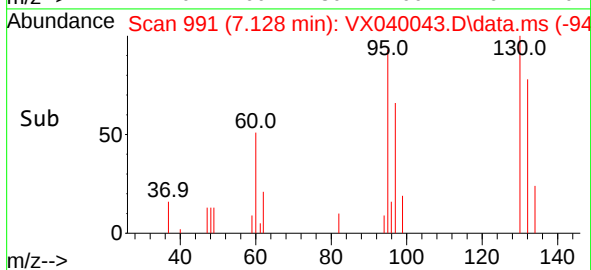
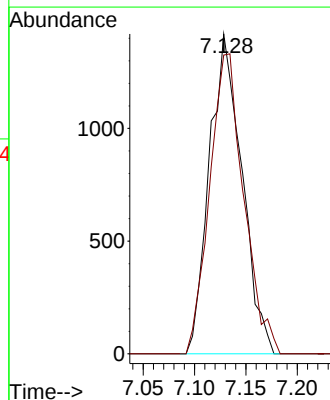
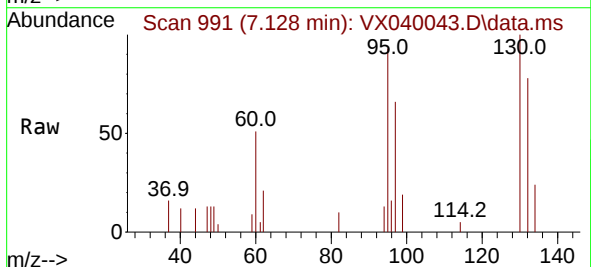
RT: 7.128 min Scan# 991

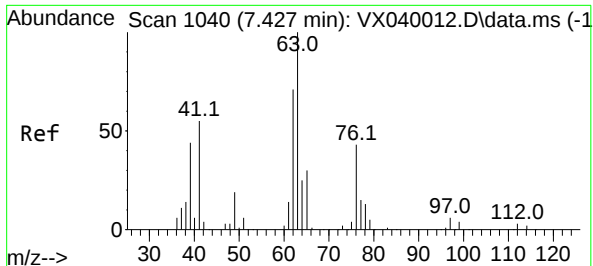
Delta R.T. 0.006 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

Tgt Ion:130	Resp: 3129
Ion Ratio	Lower Upper
130	100
95	93.4 0.0 204.4





#45

1,2-Dichloropropane

Concen: 2.558 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

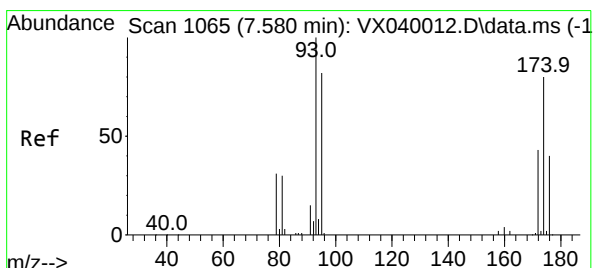
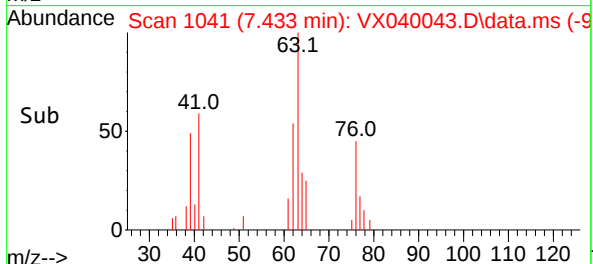
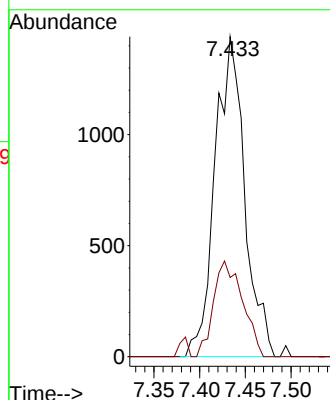
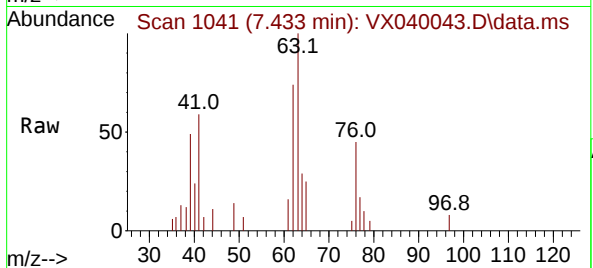
Tgt Ion: 63 Resp: 325
 Ion Ratio Lower Upper
 63 100
 65 24.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#46

Dibromomethane

Concen: 2.405 ug/l

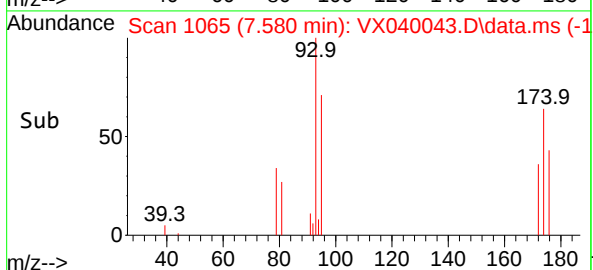
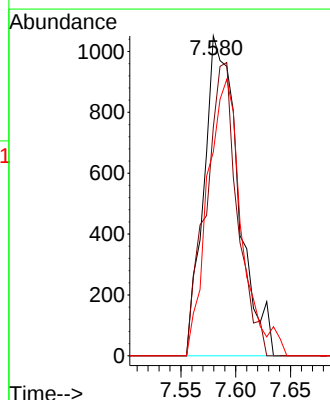
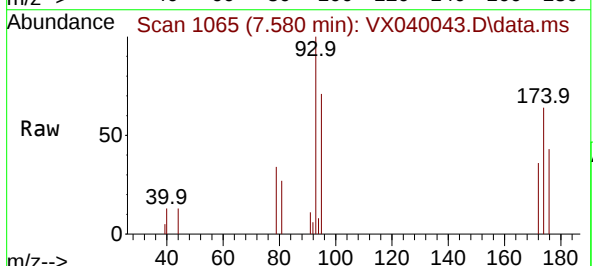
RT: 7.580 min Scan# 1065

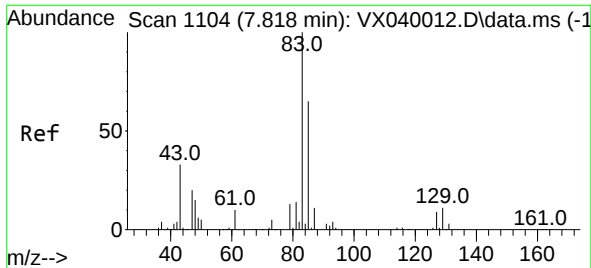
Delta R.T. -0.000 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

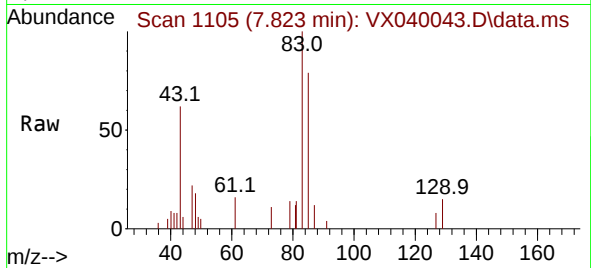
Tgt Ion: 93 Resp: 2296
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.6 100.0
 174 85.4 69.4 104.0





#47
Bromodichloromethane
Concen: 2.260 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

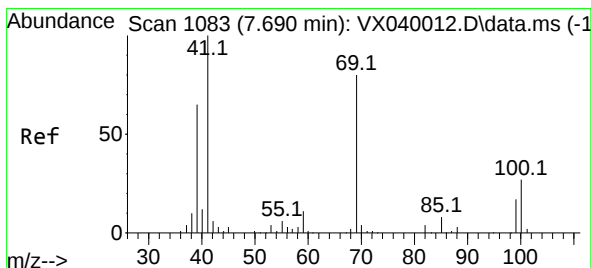
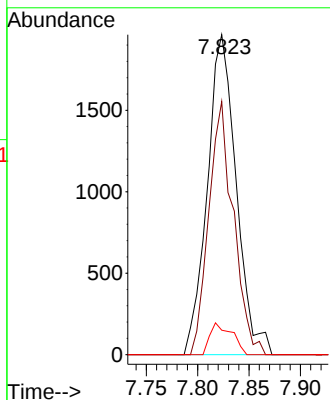
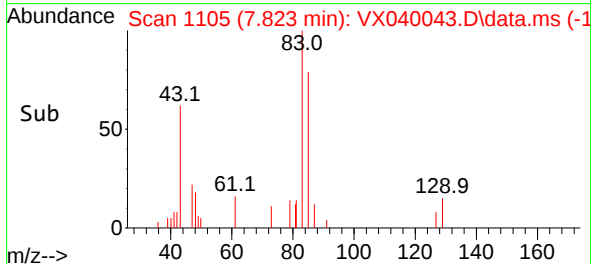
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



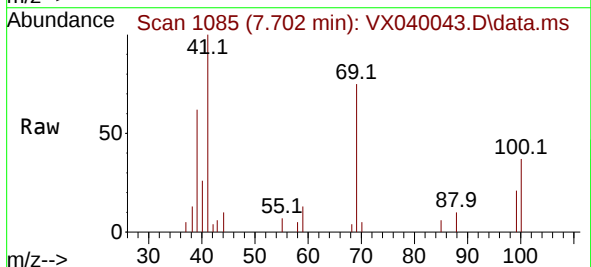
Tgt Ion: 83 Resp: 384
Ion Ratio Lower Upper
83 100
85 79.1 49.8 74.6
127 7.6 7.1 10.7

Manual Integrations
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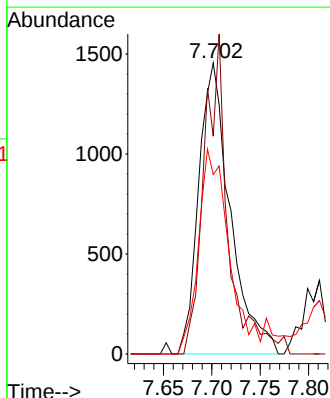
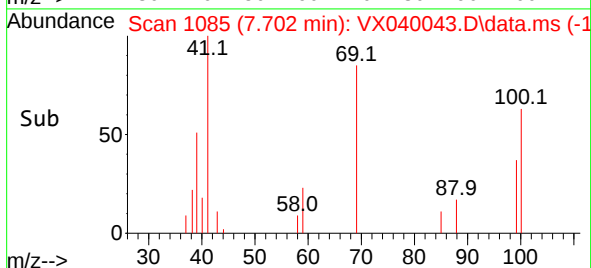
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

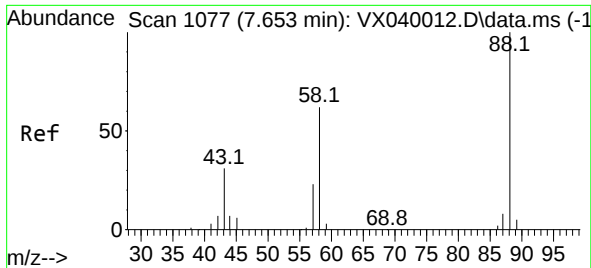


#48
Methyl methacrylate
Concen: 2.357 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.012 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12



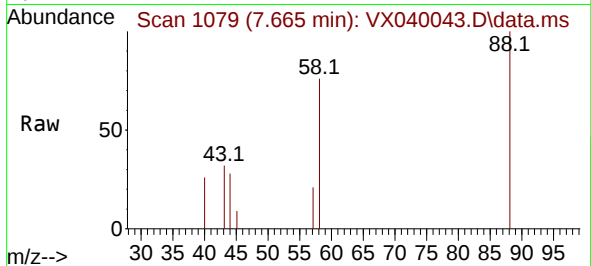
Tgt Ion: 41 Resp: 3307
Ion Ratio Lower Upper
41 100
69 83.5 59.2 88.8
39 67.6 47.7 71.5





#49
1,4-Dioxane
Concen: 46.934 ug/l
RT: 7.665 min Scan# 1077
Delta R.T. 0.012 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

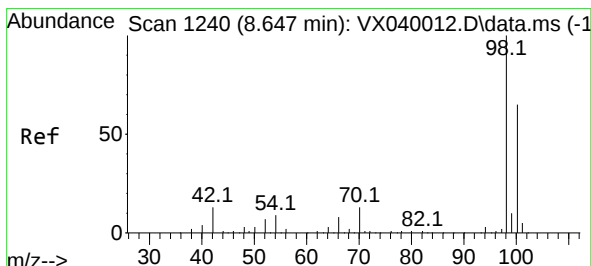
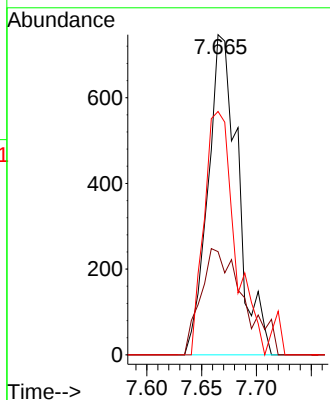
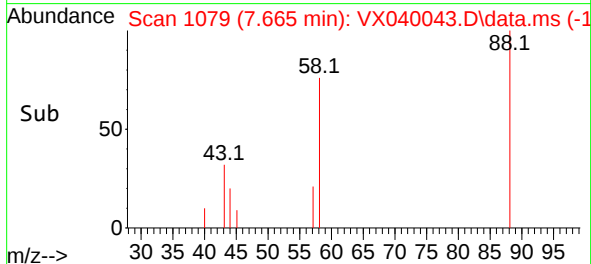
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 88 Resp: 143
Ion Ratio Lower Upper
88 100
43 47.2 0.0 0.0
58 77.6 60.1 90.1

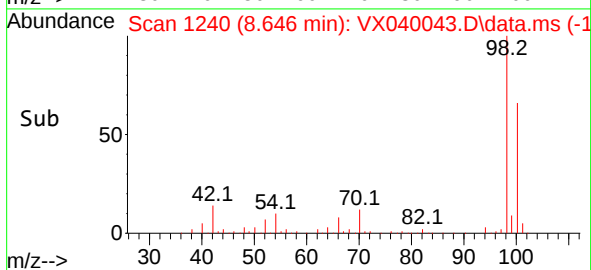
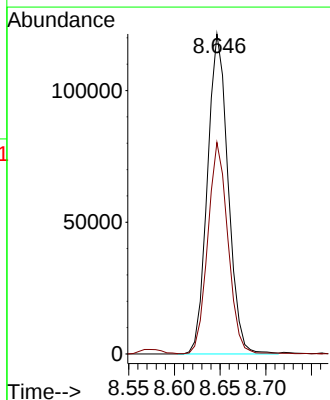
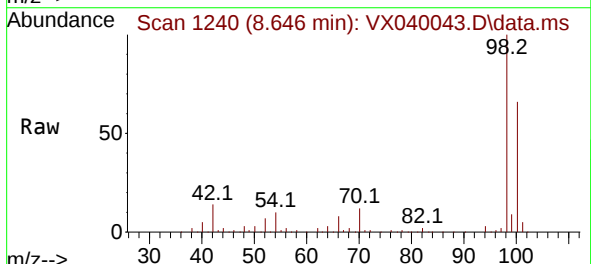
Manual Integrations
APPROVED

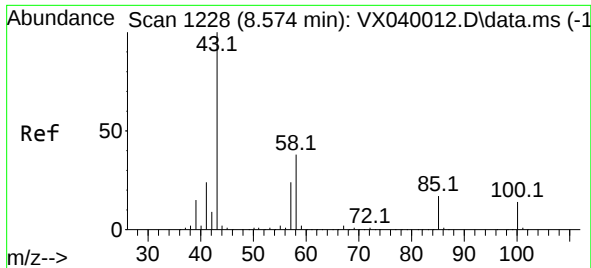
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#50
Toluene-d8
Concen: 44.707 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

Tgt Ion: 98 Resp: 191187
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7





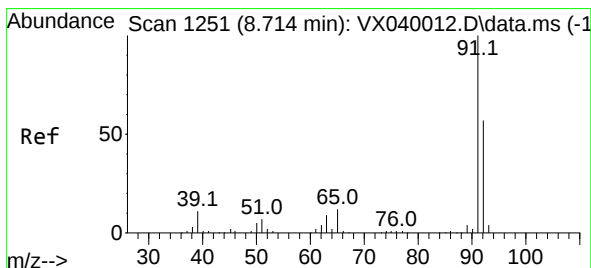
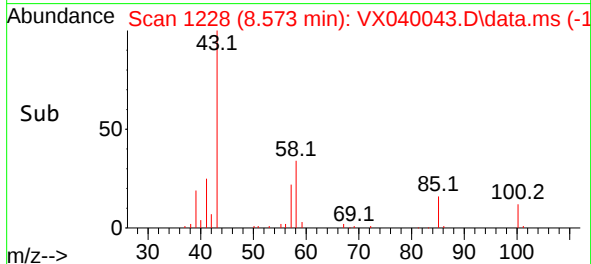
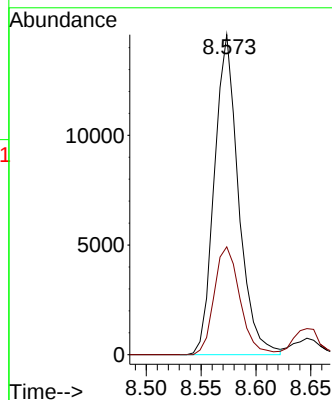
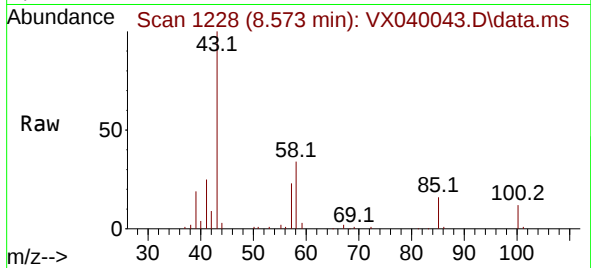
#51
4-Methyl-2-Pentanone
Concen: 11.505 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2024

Tgt Ion: 43 Resp: 22369
Ion Ratio Lower Upper
43 100
58 35.9 30.4 45.6

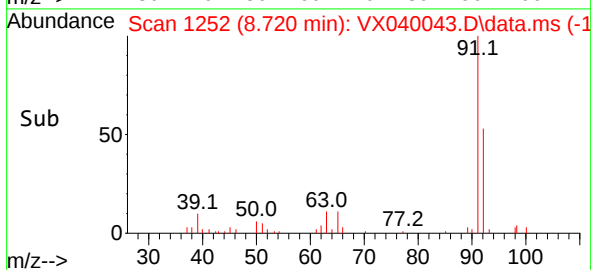
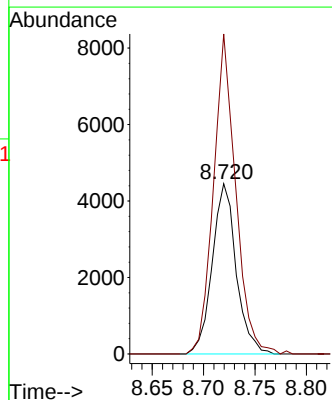
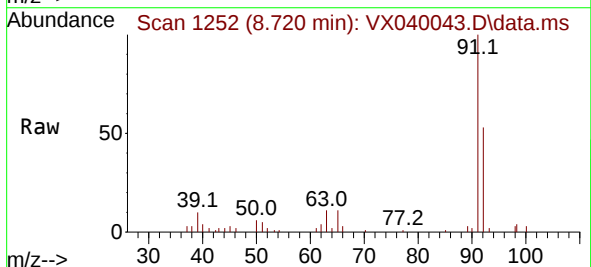
Manual Integrations
APPROVED

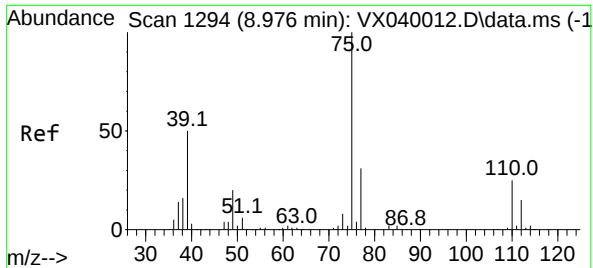
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#52
Toluene
Concen: 2.401 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

Tgt Ion: 92 Resp: 7209
Ion Ratio Lower Upper
92 100
91 174.3 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 1.781 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 75 Resp: 3140

Ion Ratio Lower Upper

75 100

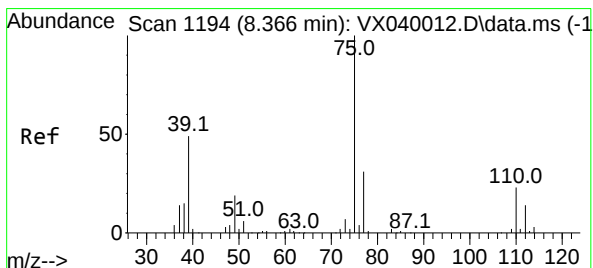
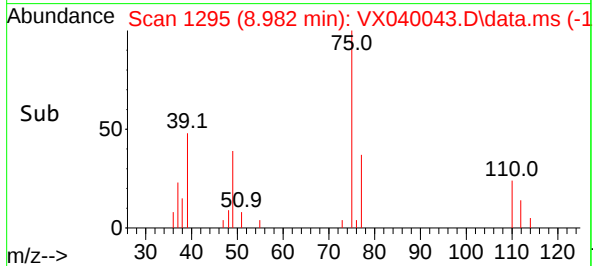
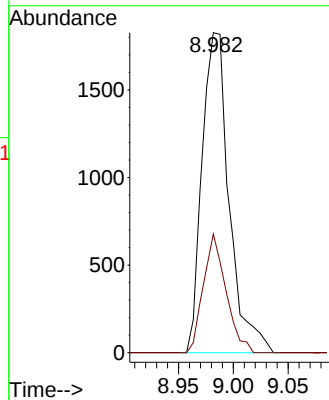
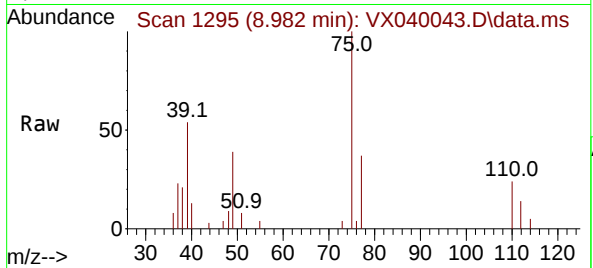
77 37.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#54

cis-1,3-Dichloropropene

Concen: 2.231 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

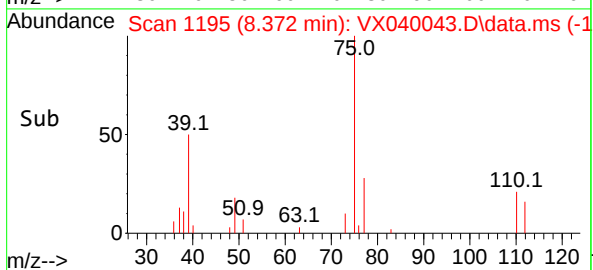
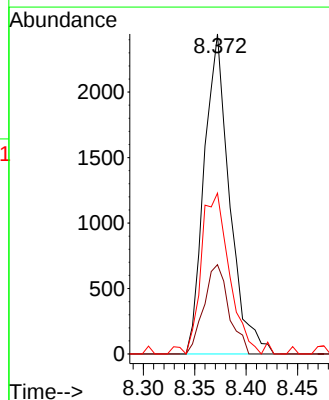
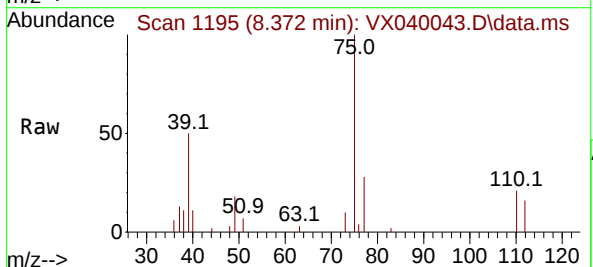
Tgt Ion: 75 Resp: 4198

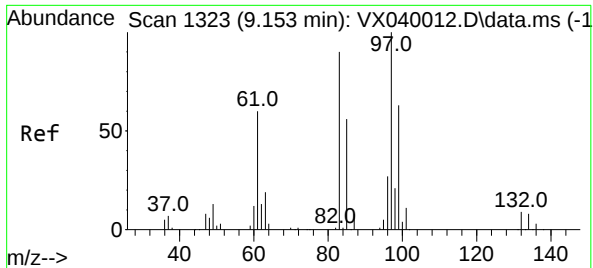
Ion Ratio Lower Upper

75 100

77 27.9 25.3 37.9

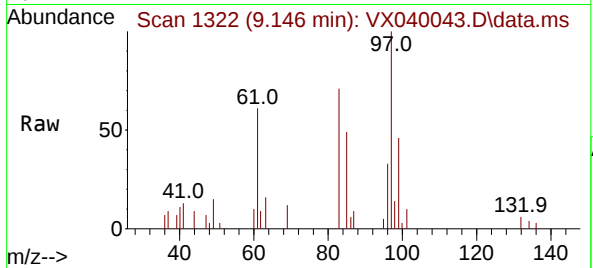
39 50.2 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 2.344 ug/l
RT: 9.146 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

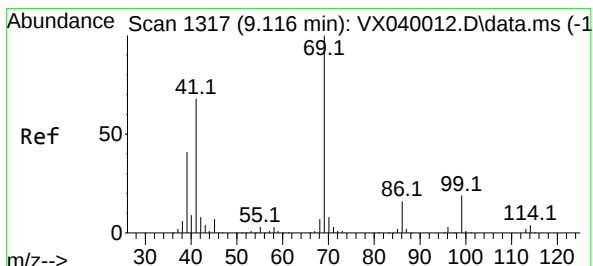
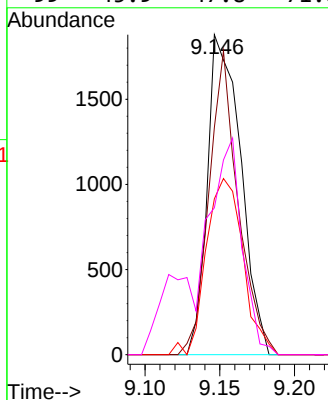
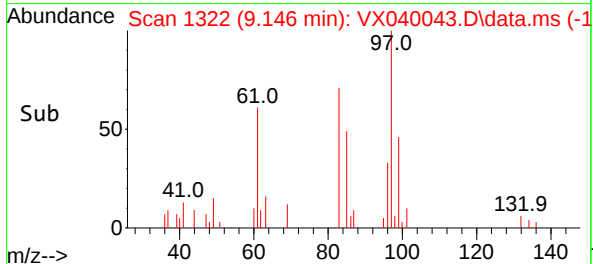
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2024



Tgt Ion	Ratio	Lower	Upper
97	100		
83	71.0	65.8	98.8
85	48.7	41.6	62.4
99	45.9	47.8	71.8

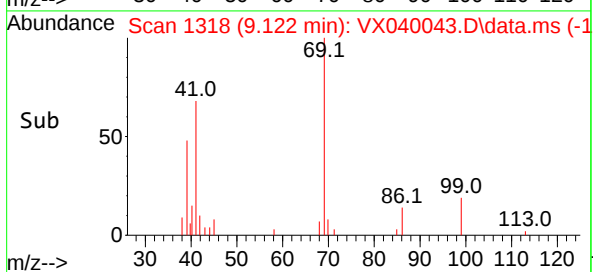
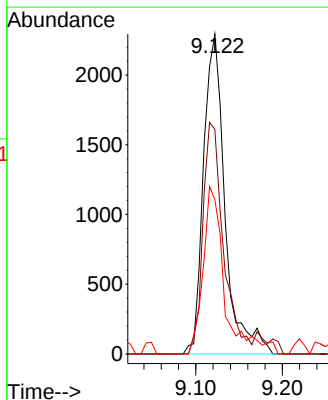
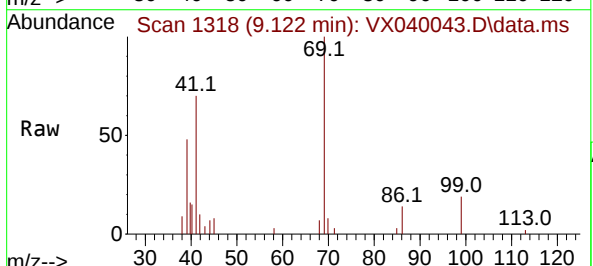
Manual Integrations
APPROVED

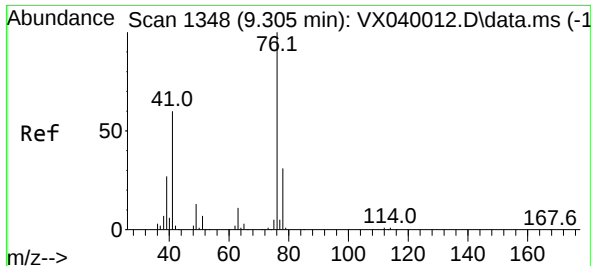
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#56
Ethyl methacrylate
Concen: 2.181 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.3	56.8	85.2
39	51.8	32.0	48.0





#57

1,3-Dichloropropane

Concen: 2.385 ug/l

RT: 9.311 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX040043.D

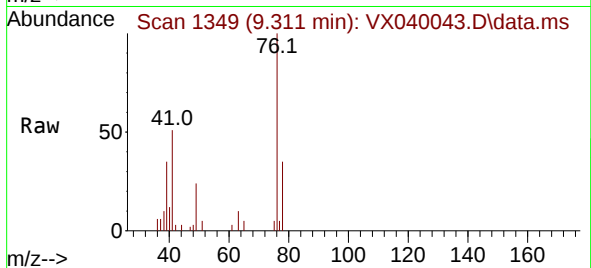
Acq: 31 Jan 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024



Tgt Ion: 76 Resp: 488

Ion Ratio Lower Upper

76 100

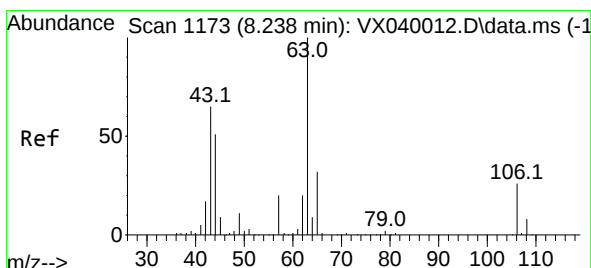
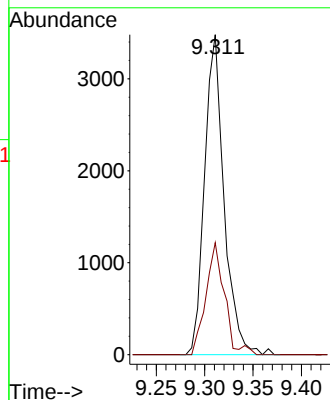
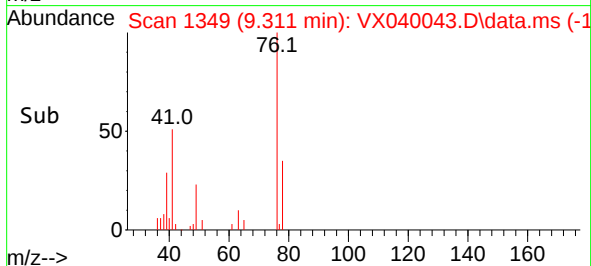
78 33.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#58

2-Chloroethyl Vinyl ether

Concen: 10.915 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX040043.D

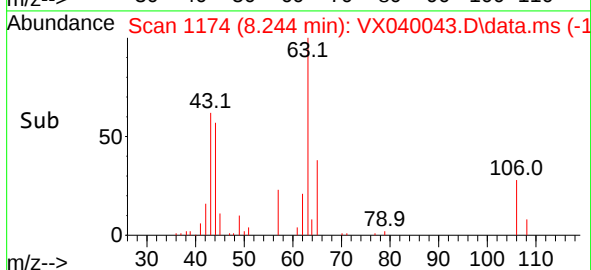
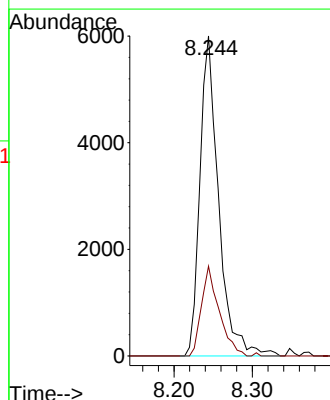
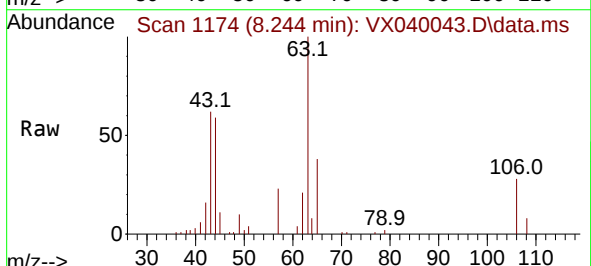
Acq: 31 Jan 2024 13:12

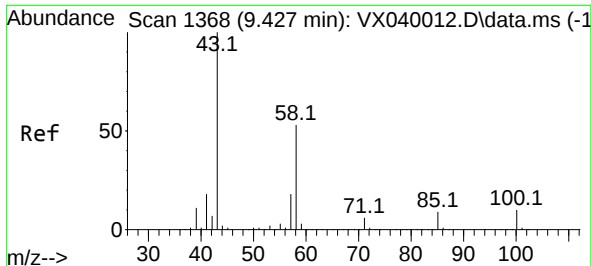
Tgt Ion: 63 Resp: 9961

Ion Ratio Lower Upper

63 100

106 26.7 22.5 33.7





#59

2-Hexanone

Concen: 11.020 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 43 Resp: 1708

Ion Ratio Lower Upper

43 100

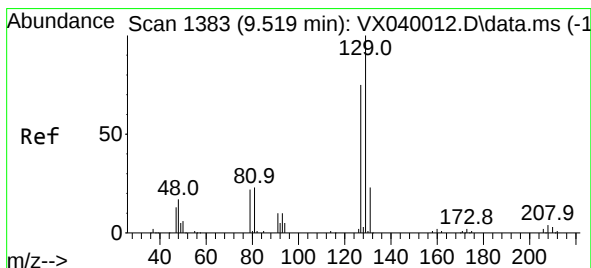
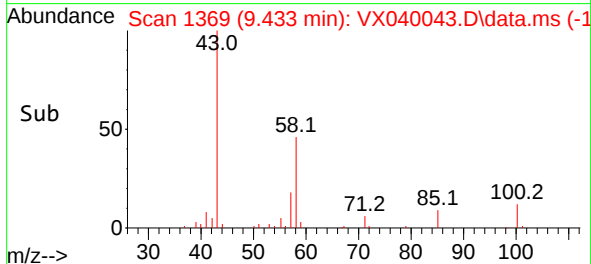
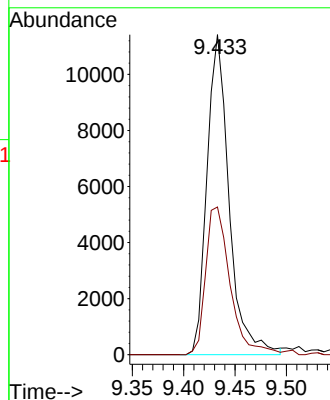
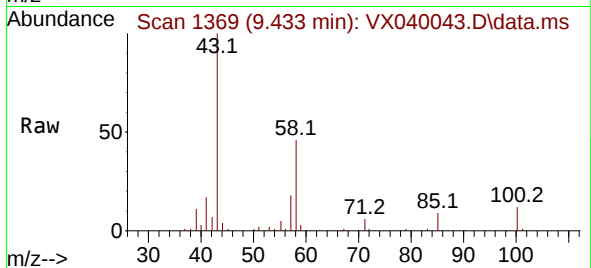
58 51.7 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#60

Dibromochloromethane

Concen: 2.193 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX040043.D

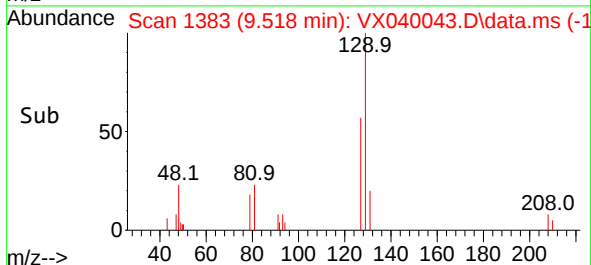
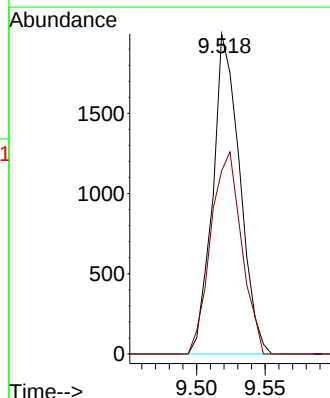
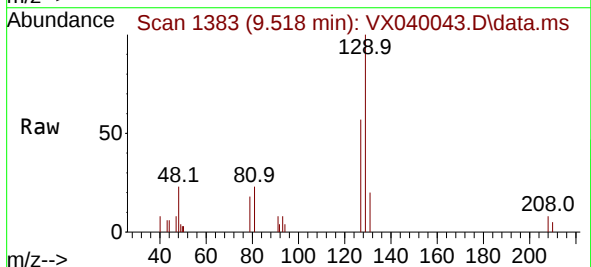
Acq: 31 Jan 2024 13:12

Tgt Ion:129 Resp: 2738

Ion Ratio Lower Upper

129 100

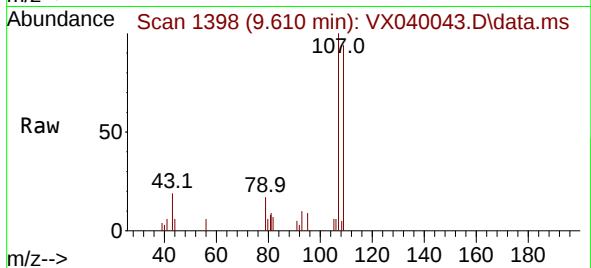
127 71.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 2.222 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

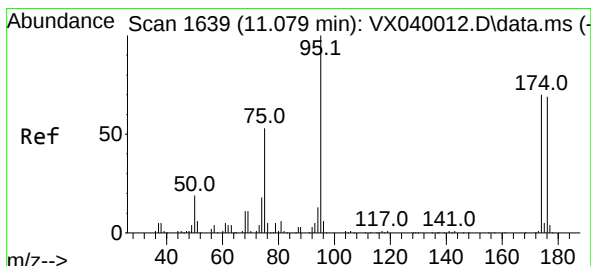
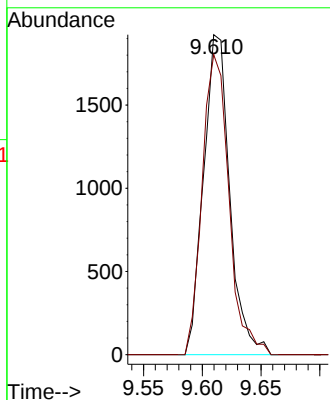
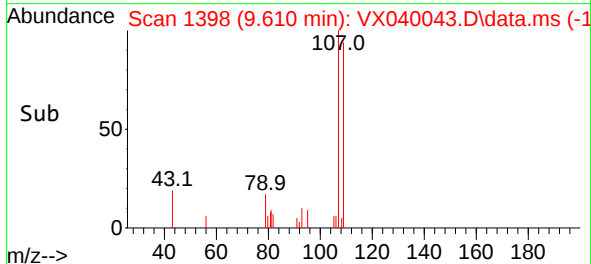
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2024



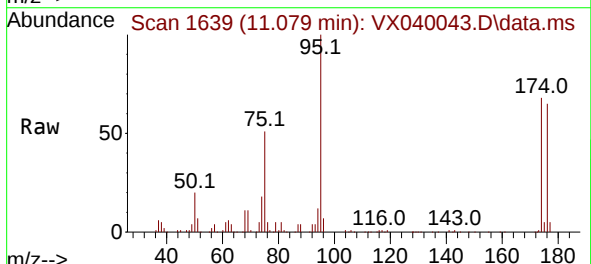
Tgt Ion:107 Resp: 2985
Ion Ratio Lower Upper
107 100
109 95.7 75.2 112.8

Manual Integrations
APPROVED

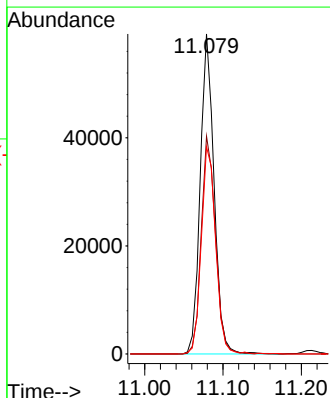
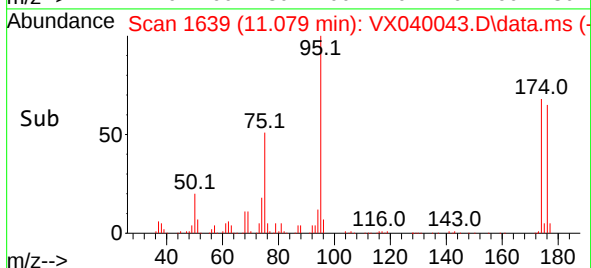
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

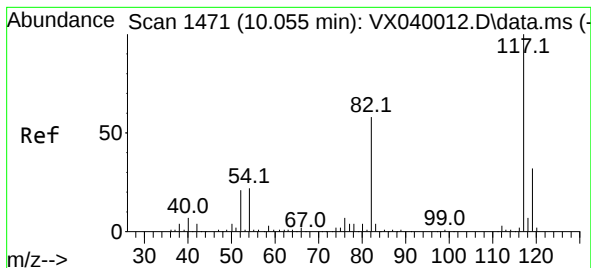


#62
4-Bromofluorobenzene
Concen: 44.058 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12



Tgt Ion: 95 Resp: 72549
Ion Ratio Lower Upper
95 100
174 70.2 0.0 135.6
176 67.2 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: VX040043.D

Acq: 31 Jan 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

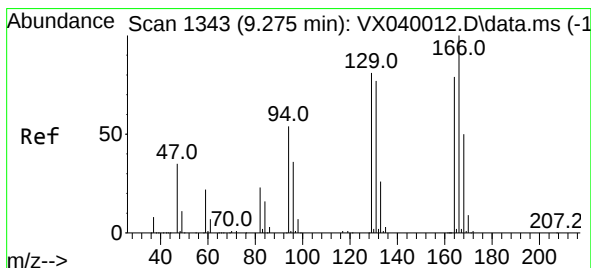
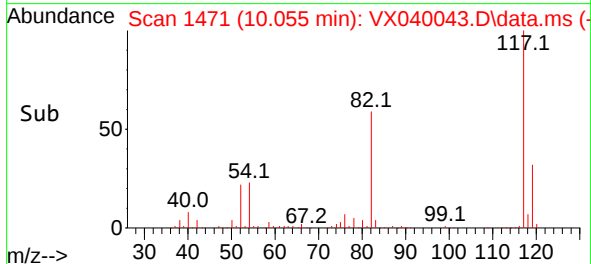
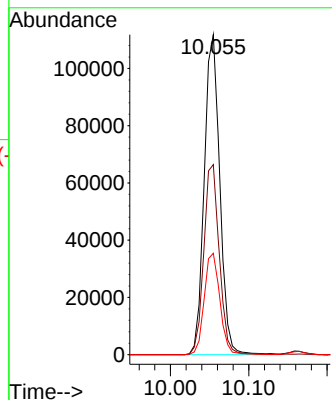
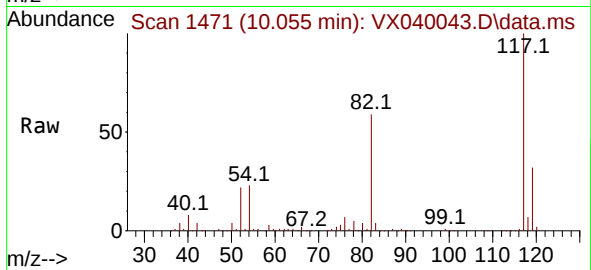
Tgt Ion:117 Resp: 15402

Ion	Ratio	Lower	Upper
117	100		
82	59.4	46.2	69.4
119	31.7	25.5	38.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#64

Tetrachloroethene

Concen: 2.538 ug/l

RT: 9.274 min Scan# 1343

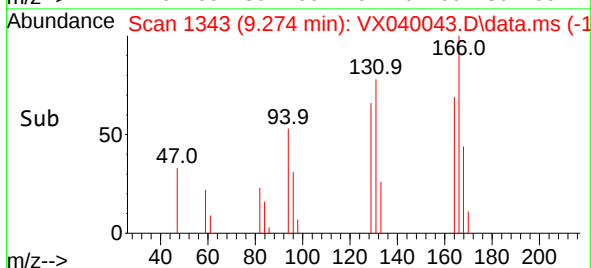
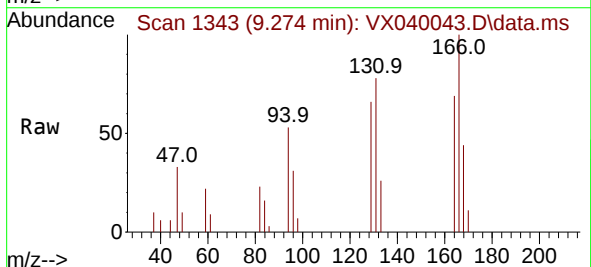
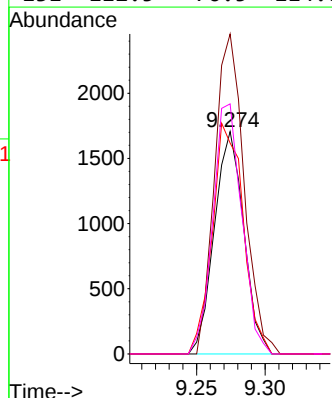
Delta R.T. -0.000 min

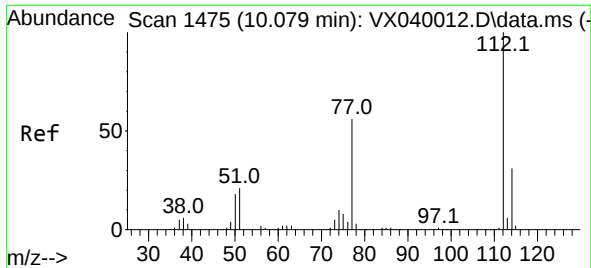
Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

Tgt Ion:164 Resp: 2544

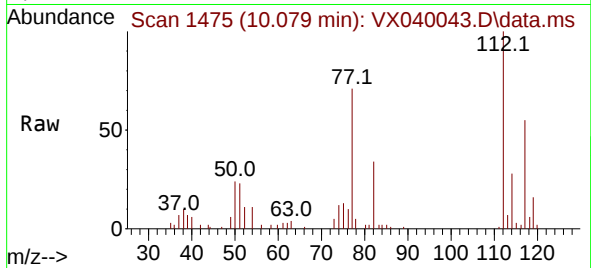
Ion	Ratio	Lower	Upper
164	100		
166	143.9	102.7	154.1
129	94.8	80.4	120.6
131	112.5	76.5	114.7





#65
Chlorobenzene
Concen: 2.448 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

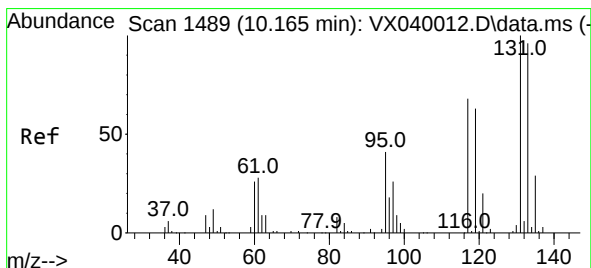
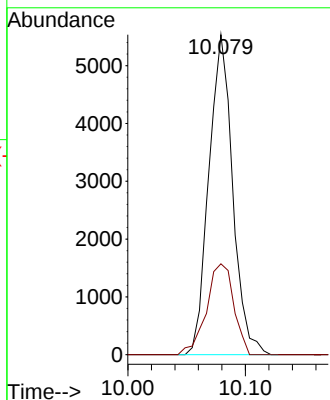
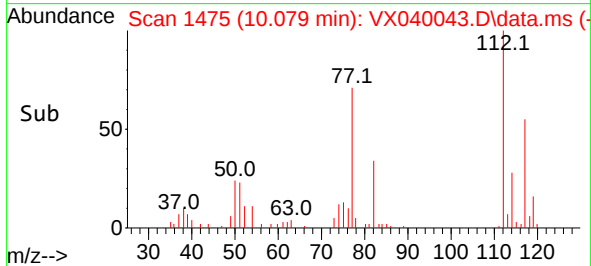
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2024



Tgt Ion:112 Resp: 7792
Ion Ratio Lower Upper
112 100
114 28.4 25.7 38.5

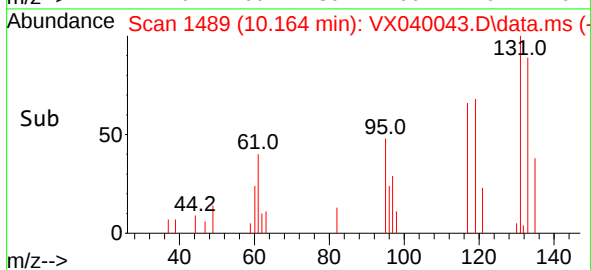
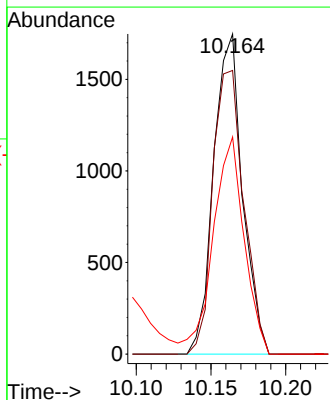
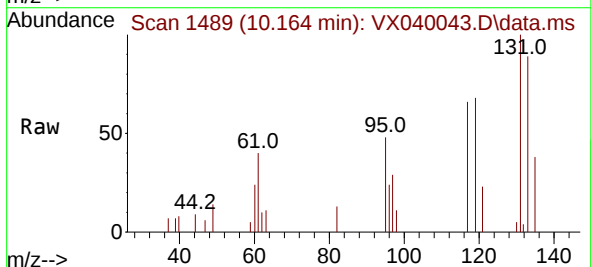
Manual Integrations
APPROVED

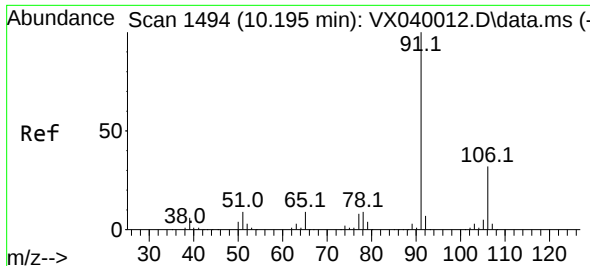
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 2.183 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

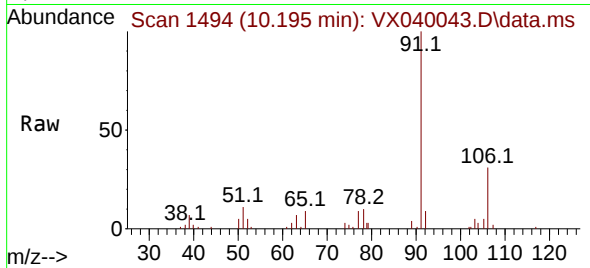
Tgt Ion:131 Resp: 2347
Ion Ratio Lower Upper
131 100
133 95.3 47.1 141.4
119 72.6 32.2 96.6





#67
Ethyl Benzene
Concen: 2.340 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

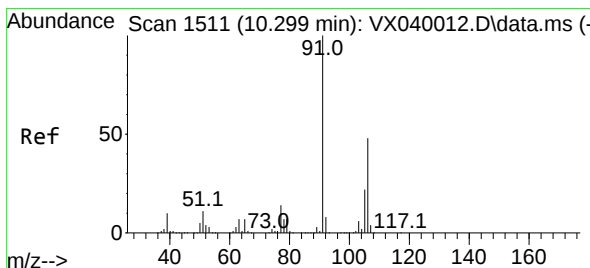
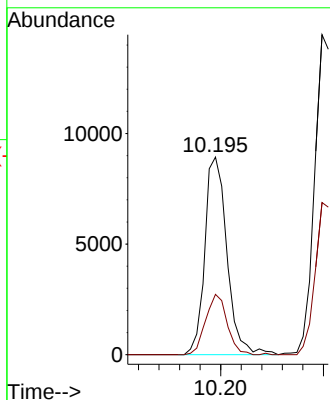
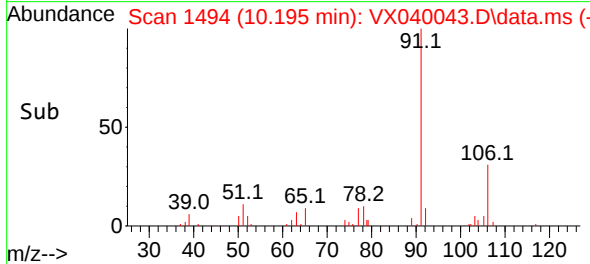
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 91 Resp: 1336
Ion Ratio Lower Upper
91 100
106 30.5 24.9 37.3

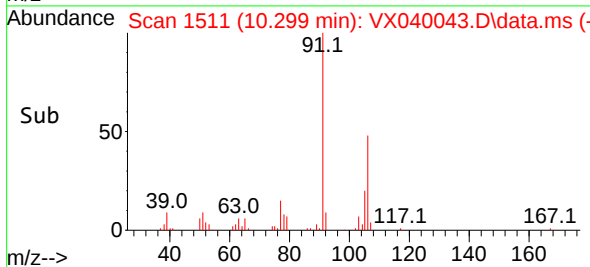
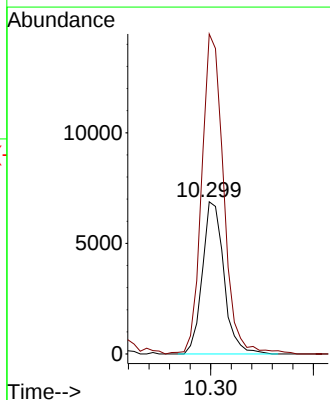
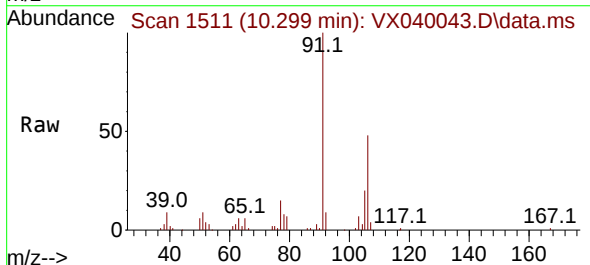
Manual Integrations
APPROVED

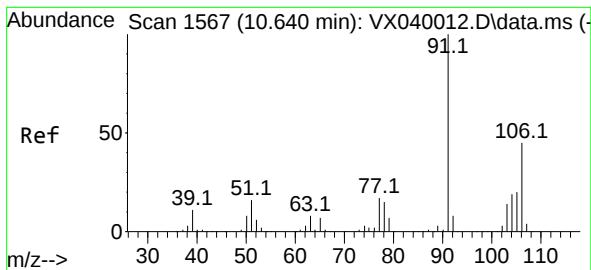
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#68
m/p-Xylenes
Concen: 4.663 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

Tgt Ion:106 Resp: 10021
Ion Ratio Lower Upper
106 100
91 214.2 165.5 248.3





#69

o-Xylene

Concen: 2.435 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

Instrument :

MSVOA_X

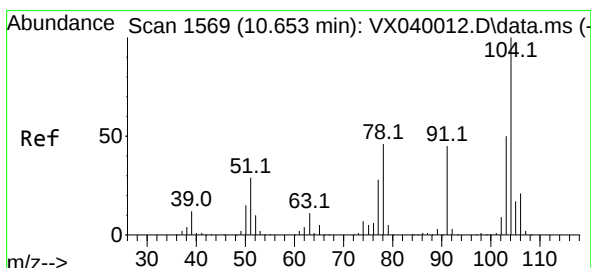
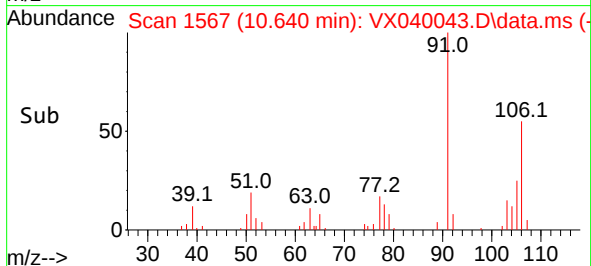
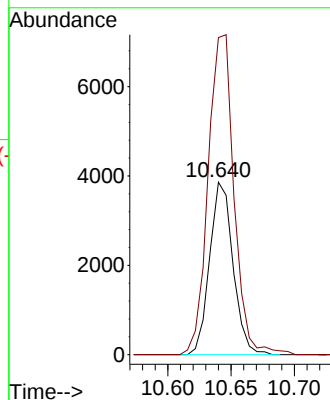
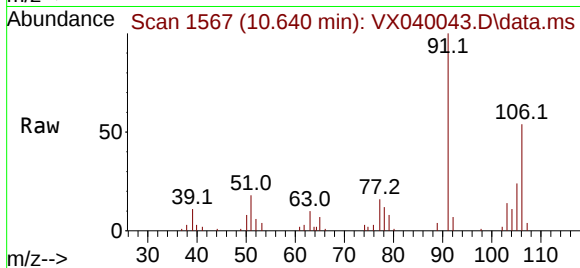
ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion:106 Resp: 4964
 Ion Ratio Lower Upper
 106 100
 91 205.9 108.9 326.8

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/01/2024
 Supervised By :Mahesh Dadoda 02/01/2024



#70

Styrene

Concen: 2.232 ug/l

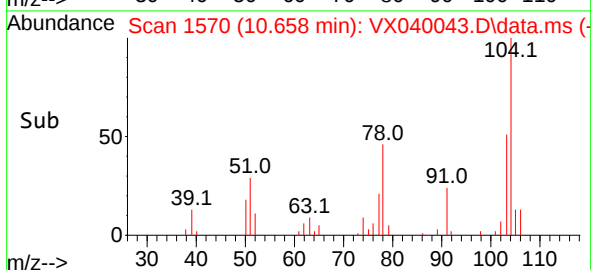
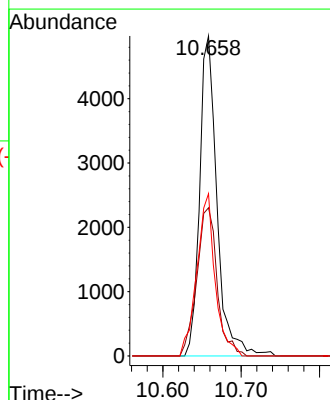
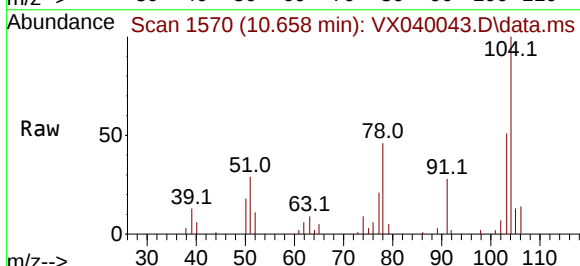
RT: 10.658 min Scan# 1570

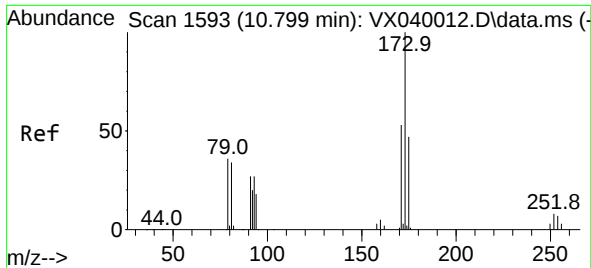
Delta R.T. 0.005 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

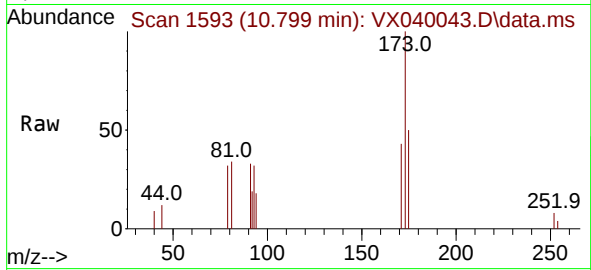
Tgt Ion:104 Resp: 7667
 Ion Ratio Lower Upper
 104 100
 78 54.2 43.6 65.4
 103 53.5 43.6 65.4





#71
Bromoform
Concen: 2.129 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

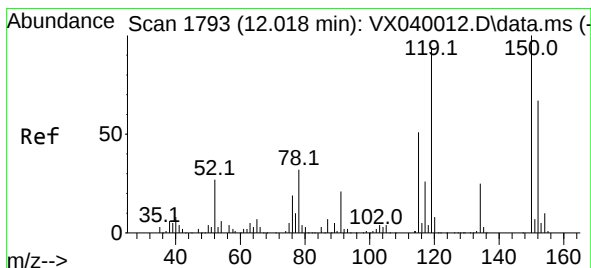
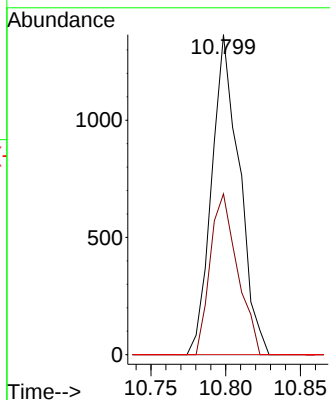
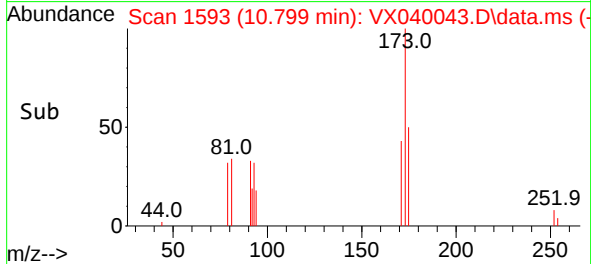
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



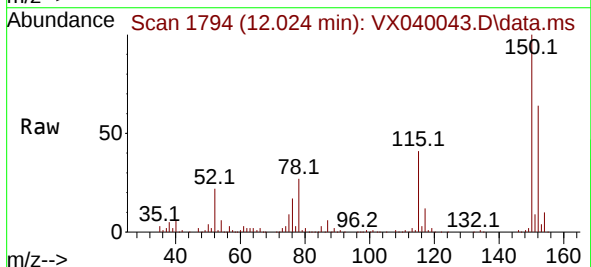
Tgt Ion:173 Resp: 175
Ion Ratio Lower Upper
173 100
175 49.5 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

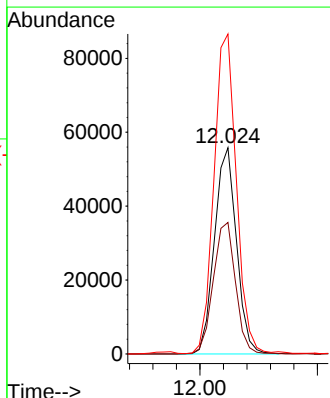
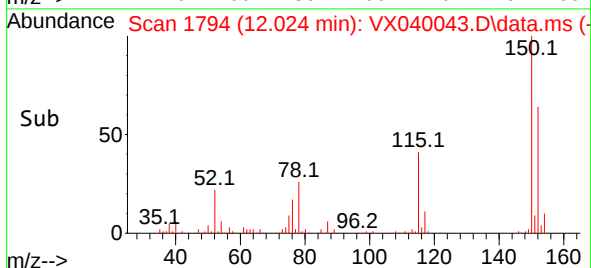
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

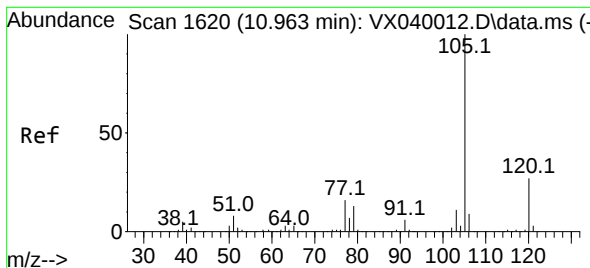


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12



Tgt Ion:152 Resp: 72762
Ion Ratio Lower Upper
152 100
115 64.5 43.3 129.9
150 158.3 0.0 345.0





#73

Isopropylbenzene

Concen: 2.415 ug/l

RT: 10.963 min Scan# 1601

Delta R.T. 0.000 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion:105 Resp: 12610

Ion Ratio Lower Upper

105 100

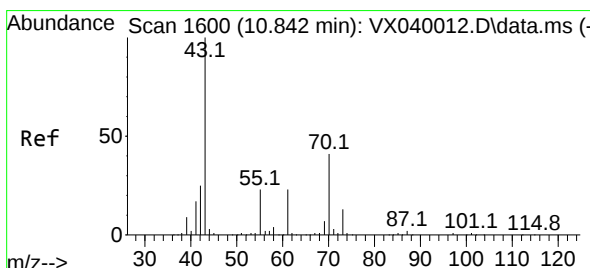
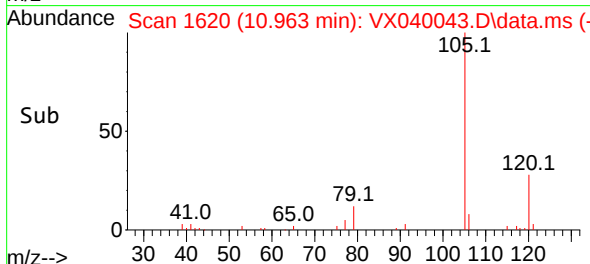
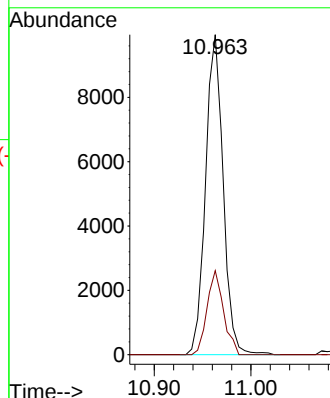
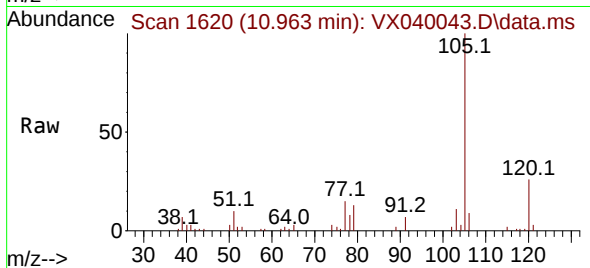
120 24.5 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#74

N-ethyl acetate

Concen: 1.915 ug/l

RT: 10.847 min Scan# 1601

Delta R.T. 0.005 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

Tgt Ion: 43 Resp: 4556

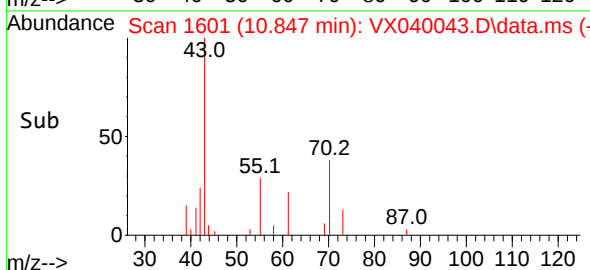
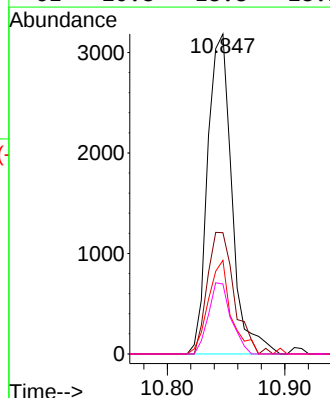
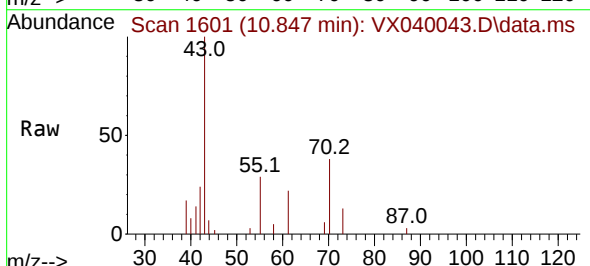
Ion Ratio Lower Upper

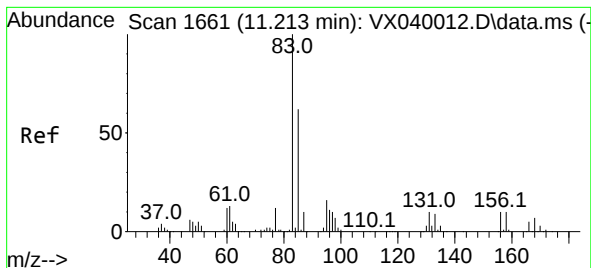
43 100

70 42.2 32.9 49.3

55 27.7 19.3 28.9

61 20.8 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 2.555 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. -0.006 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

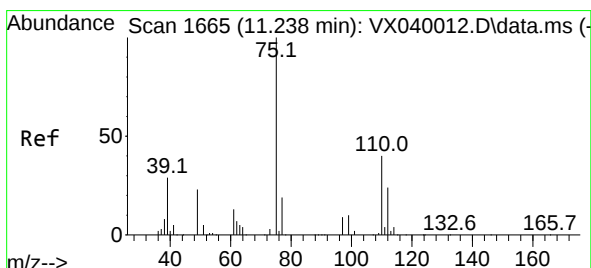
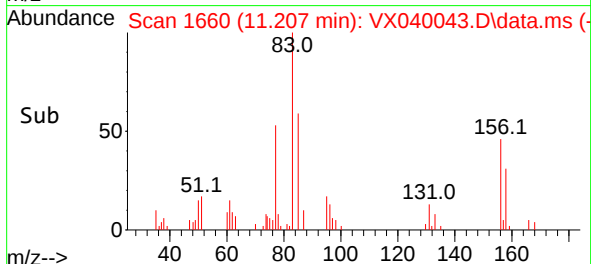
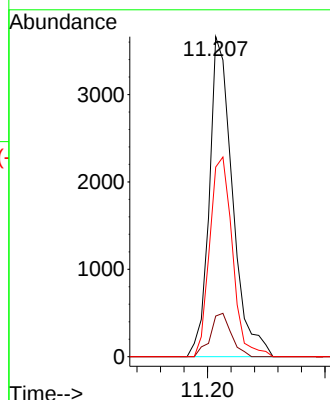
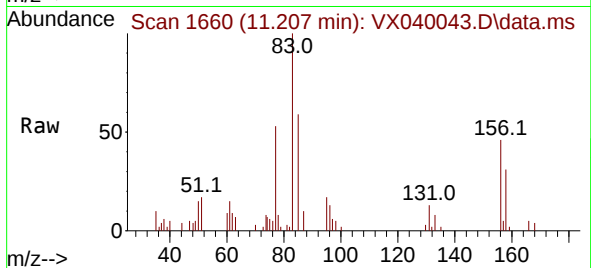
Tgt Ion: 83	Resp: 5019
Ion Ratio	Lower Upper
83 100	
131 12.3	5.3 15.8
85 61.2	32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#76

1,2,3-Trichloropropane

Concen: 2.418 ug/l m

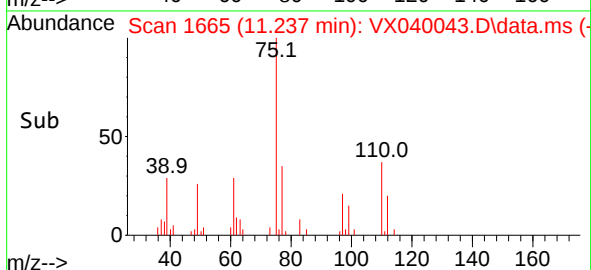
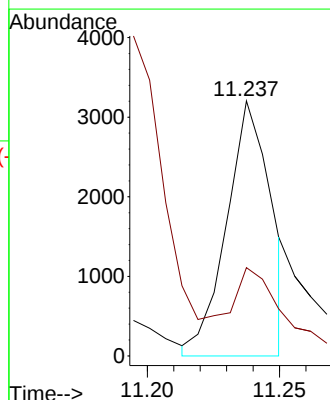
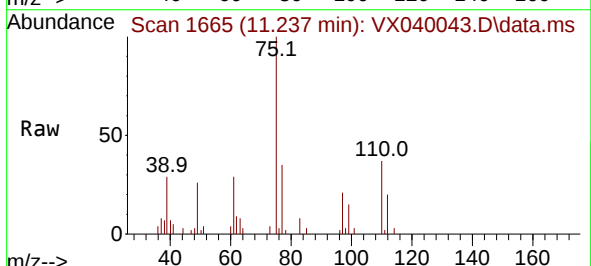
RT: 11.237 min Scan# 1665

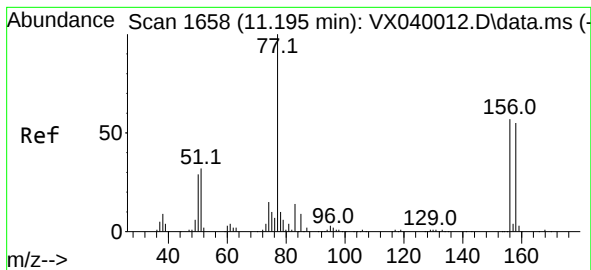
Delta R.T. -0.000 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

Tgt Ion: 75	Resp: 3746
Ion Ratio	Lower Upper
75 100	
77 40.6	19.1 57.5





#77

Bromobenzene

Concen: 2.588 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

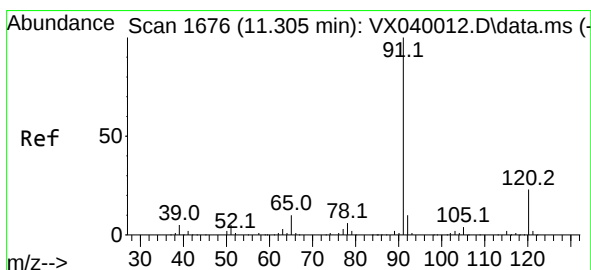
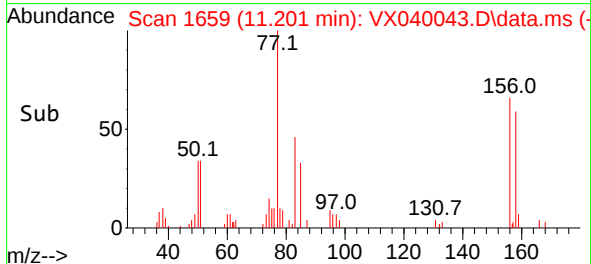
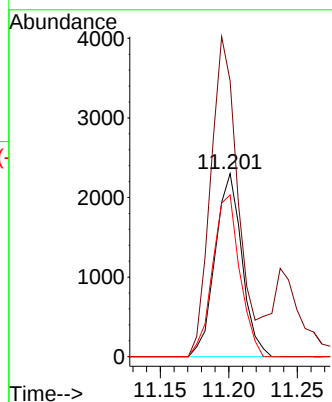
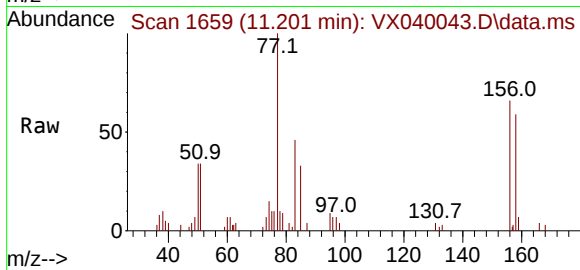
Tgt Ion:	156	Resp:	3119
Ion Ratio	Lower	Upper	
156	100		
77	175.8	88.4	265.3
158	89.8	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#78

n-propylbenzene

Concen: 2.401 ug/l

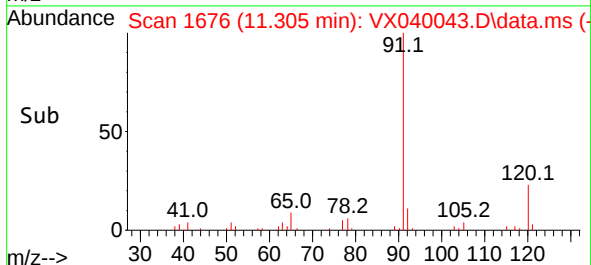
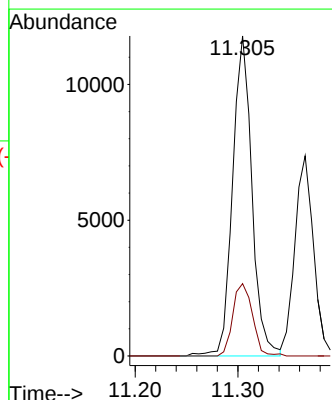
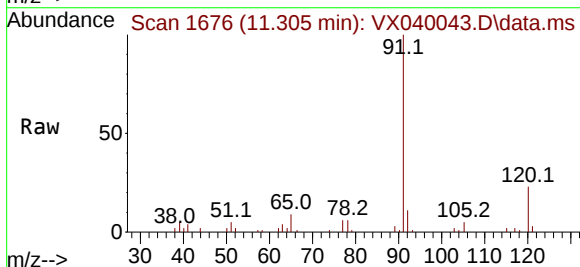
RT: 11.305 min Scan# 1676

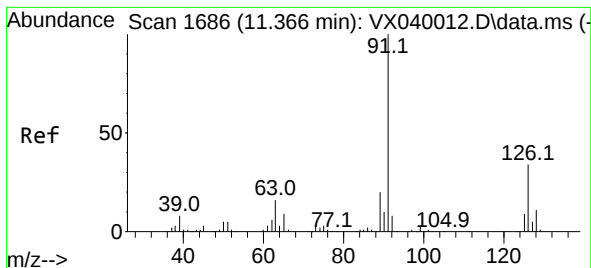
Delta R.T. -0.000 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

Tgt Ion:	91	Resp:	15436
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.5	34.4





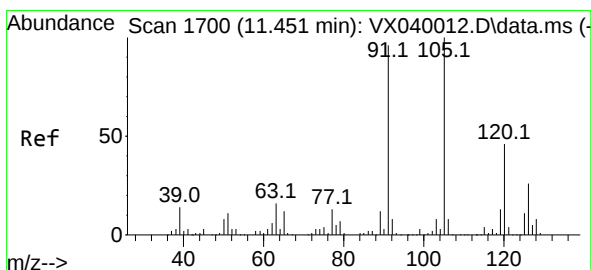
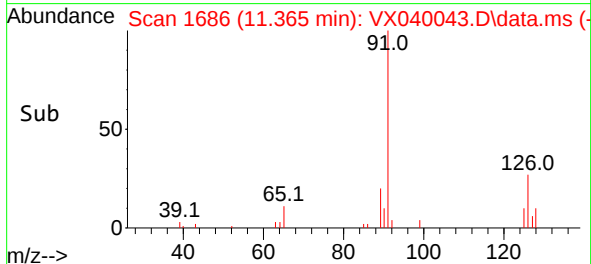
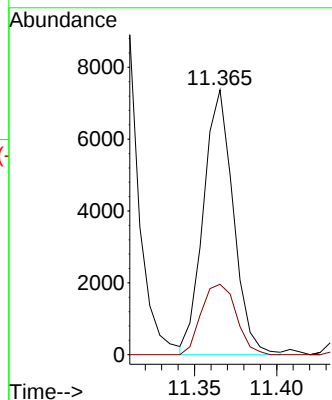
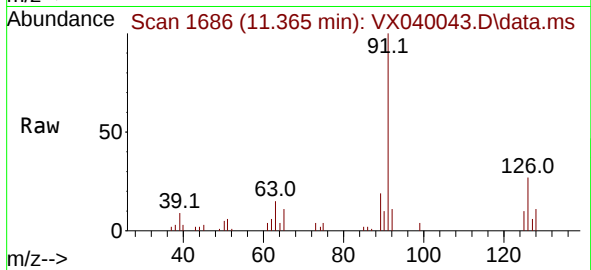
#79
2-Chlorotoluene
Concen: 2.415 ug/l
RT: 11.365 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion: 91 Resp: 9340
Ion Ratio Lower Upper
91 100
126 30.9 16.3 48.8

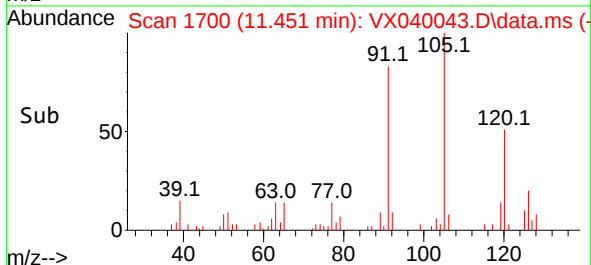
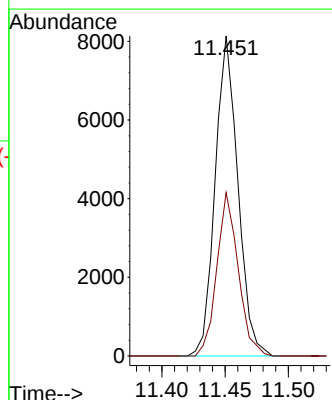
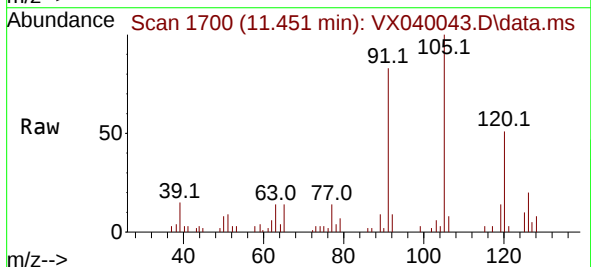
Manual Integrations
APPROVED

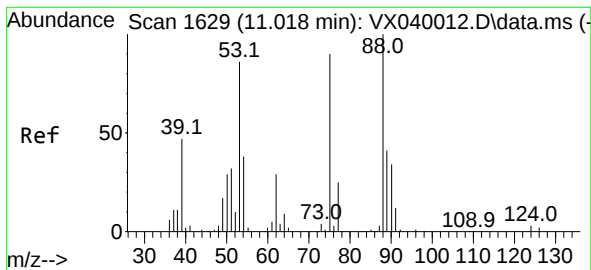
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#80
1,3,5-Trimethylbenzene
Concen: 2.259 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

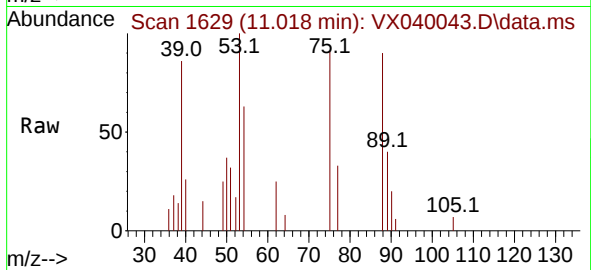
Tgt Ion:105 Resp: 10144
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 1.597 ug/l m
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

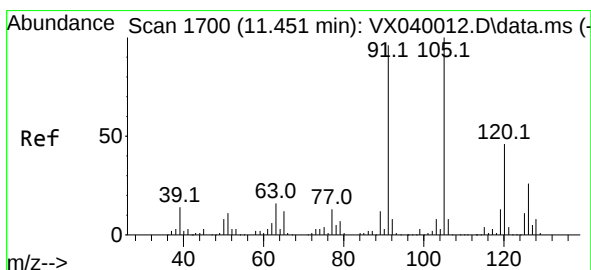
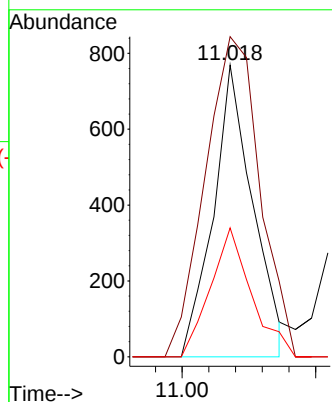
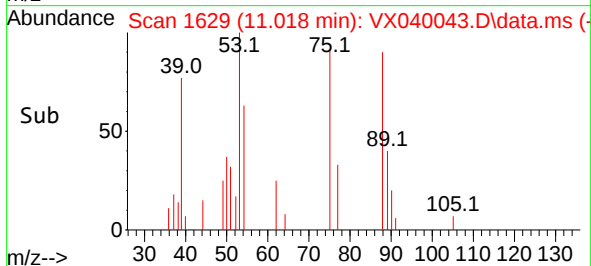
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 75 Resp: 794
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7
89 0.0 36.9 55.3

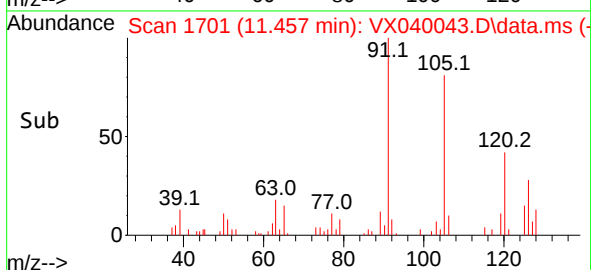
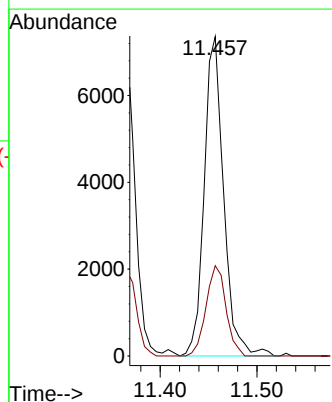
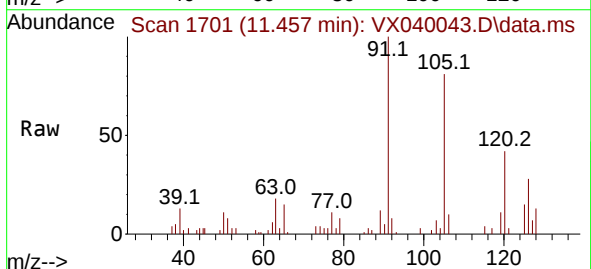
Manual Integrations
APPROVED

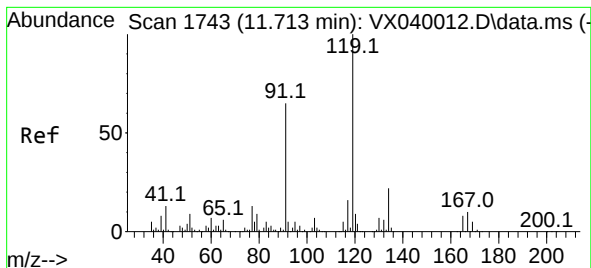
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#82
4-Chlorotoluene
Concen: 2.319 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

Tgt Ion: 91 Resp: 10303
Ion Ratio Lower Upper
91 100
126 29.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 2.176 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

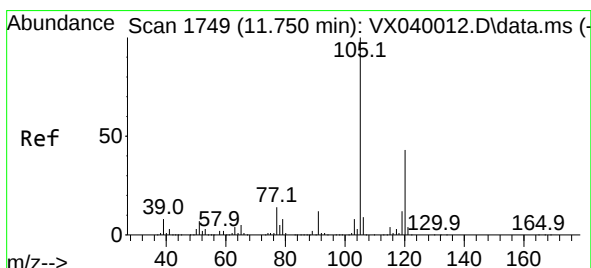
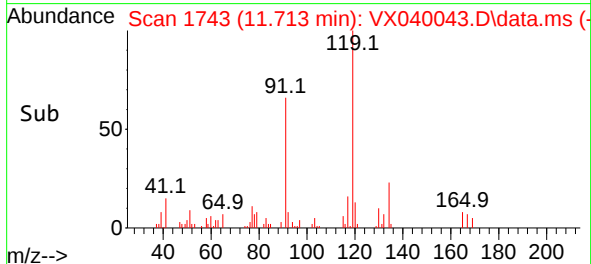
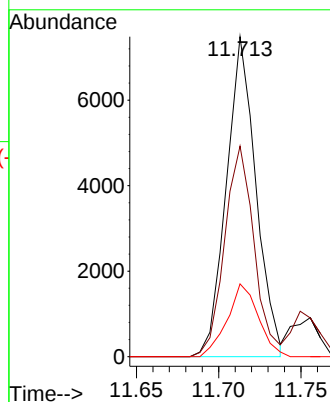
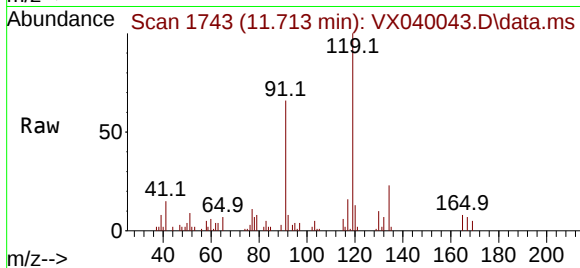
Tgt Ion:	119	Resp:	9354
Ion Ratio	Lower	Upper	
119	100		
91	65.6	31.2	93.6
134	23.9	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#84

1,2,4-Trimethylbenzene

Concen: 2.219 ug/l

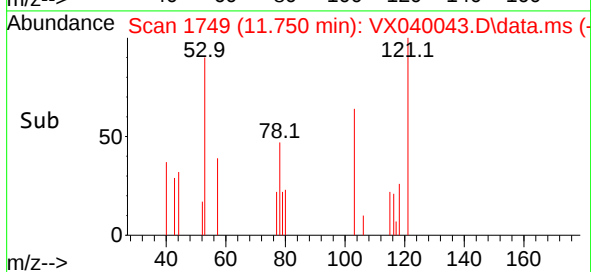
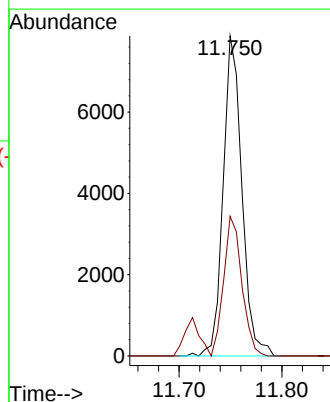
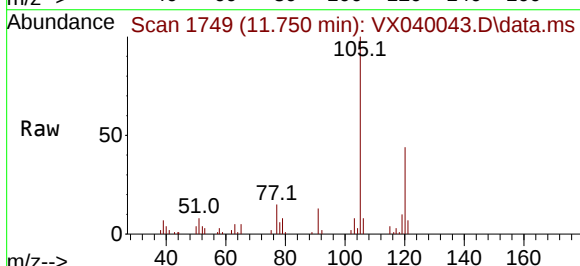
RT: 11.750 min Scan# 1749

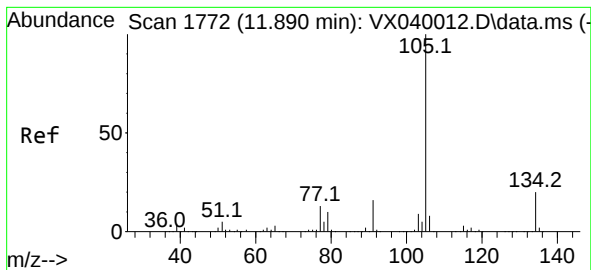
Delta R.T. -0.000 min

Lab File: VX040043.D

Acq: 31 Jan 2024 13:12

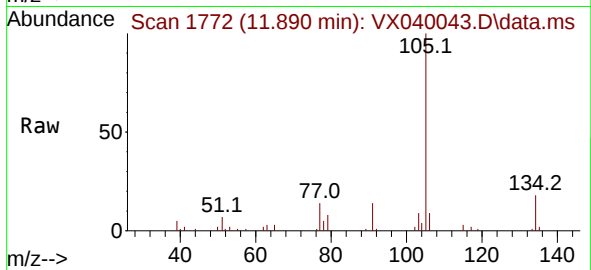
Tgt Ion:	105	Resp:	9946
Ion Ratio	Lower	Upper	
105	100		
120	42.5	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 2.282 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX040043.D
 Acq: 31 Jan 2024 13:12

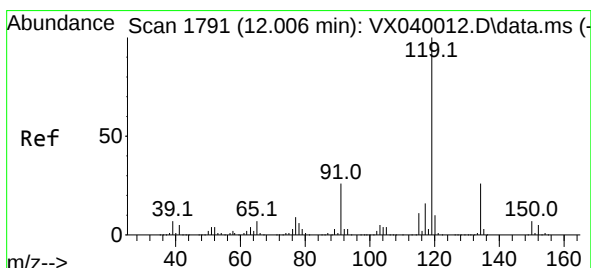
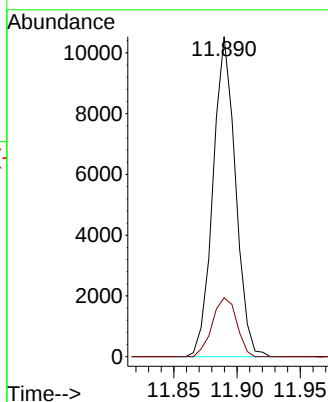
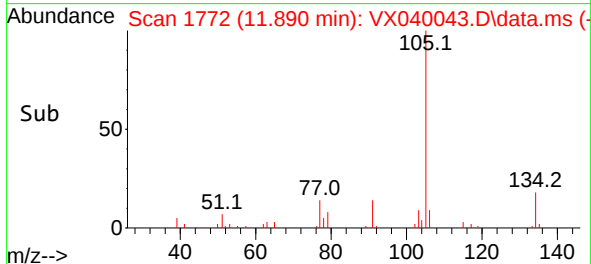
Instrument : MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2024



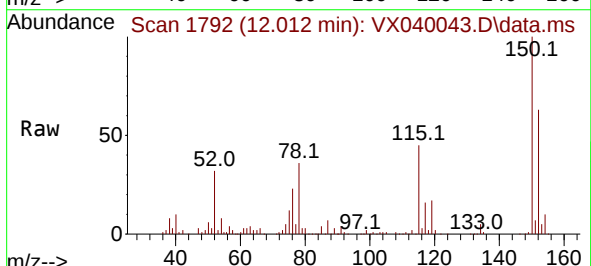
Tgt Ion:105 Resp: 12990
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.4

Manual Integrations
 APPROVED

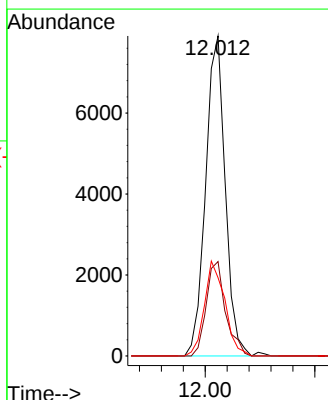
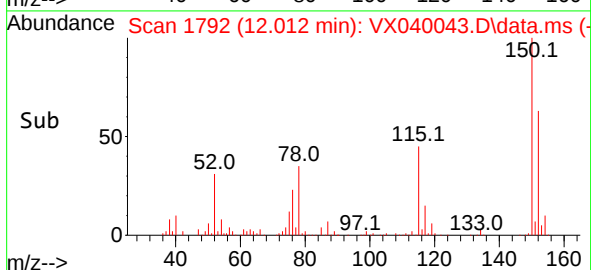
Reviewed By :John Carlone 02/01/2024
 Supervised By :Mahesh Dadoda 02/01/2024

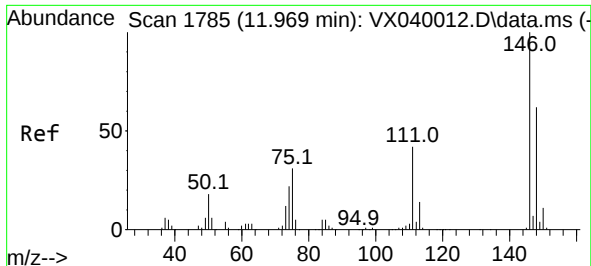


#86
 p-Isopropyltoluene
 Concen: 2.117 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX040043.D
 Acq: 31 Jan 2024 13:12



Tgt Ion:119 Resp: 9842
 Ion Ratio Lower Upper
 119 100
 134 29.1 12.8 38.3
 91 30.8 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 2.490 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040043.D

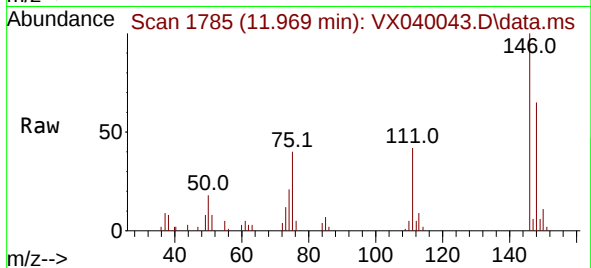
Acq: 31 Jan 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024



Tgt Ion:146 Resp: 6053

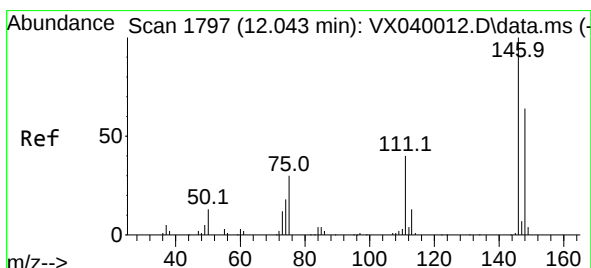
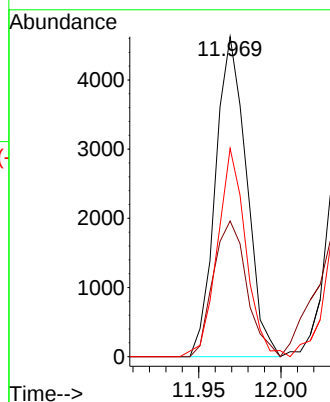
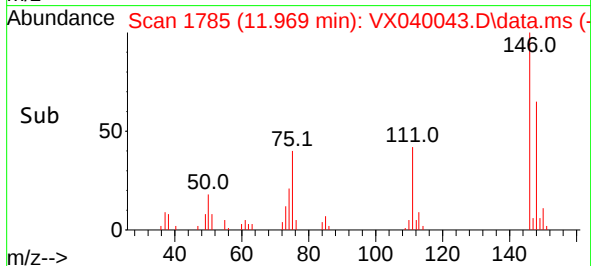
Ion	Ratio	Lower	Upper
146	100		
111	45.8	22.1	66.1
148	59.8	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#88

1,4-Dichlorobenzene

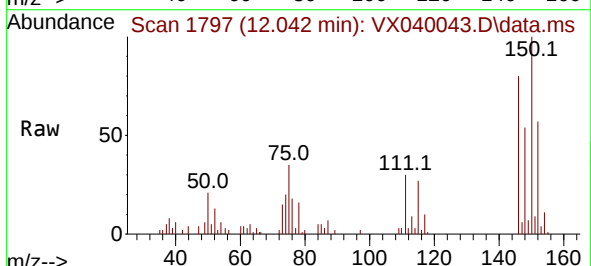
Concen: 2.783 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

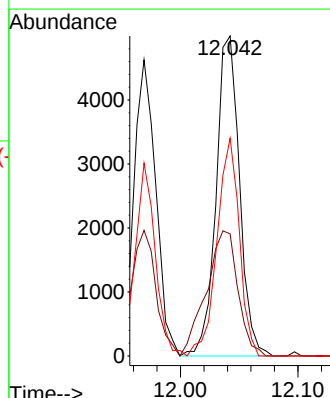
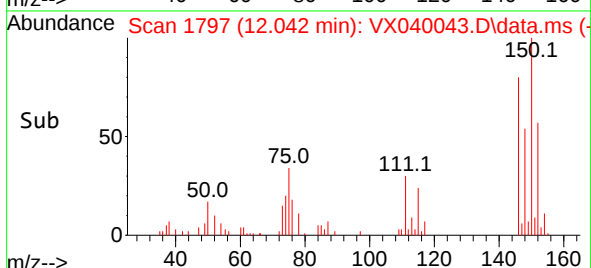
Lab File: VX040043.D

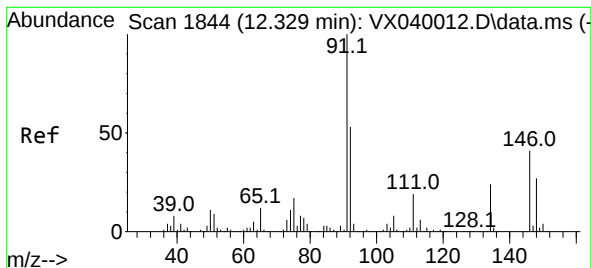
Acq: 31 Jan 2024 13:12



Tgt Ion:146 Resp: 6926

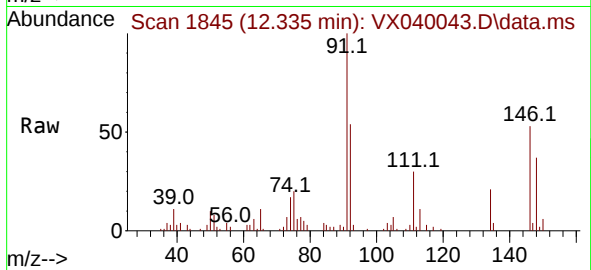
Ion	Ratio	Lower	Upper
146	100		
111	52.8	21.3	63.7
148	64.9	31.8	95.4





#89
n-Butylbenzene
Concen: 2.176 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

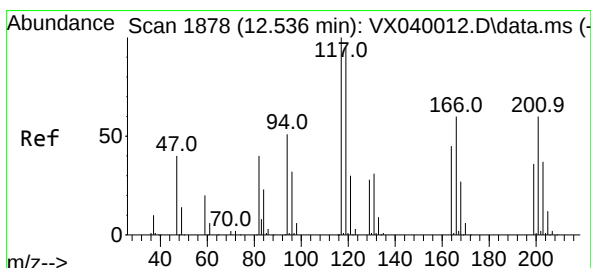
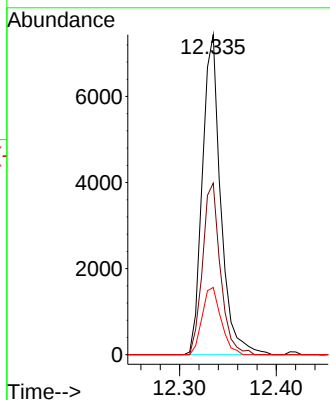
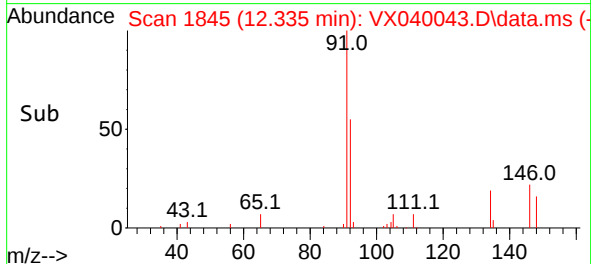
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2024



Tgt Ion: 91 Resp: 982
Ion Ratio Lower Upper
91 100
92 52.2 27.4 82.0
134 21.6 12.6 37.8

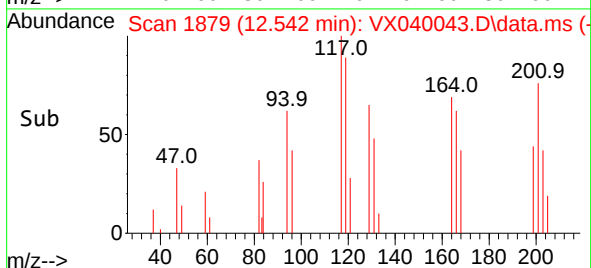
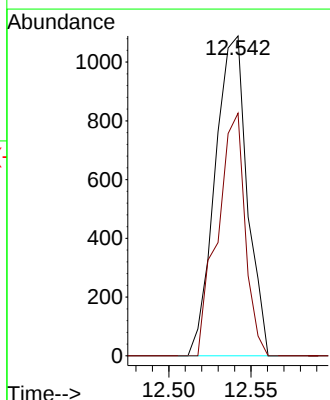
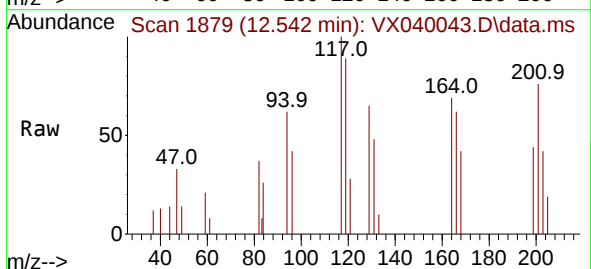
Manual Integrations
APPROVED

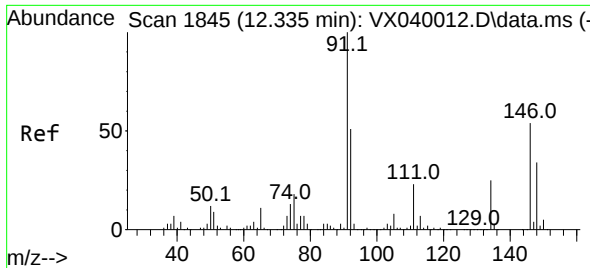
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#90
Hexachloroethane
Concen: 2.020 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

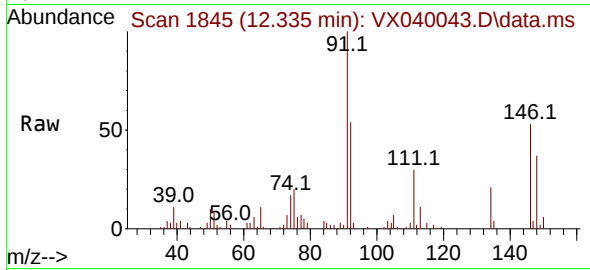
Tgt Ion:117 Resp: 1484
Ion Ratio Lower Upper
117 100
201 65.0 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 2.323 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

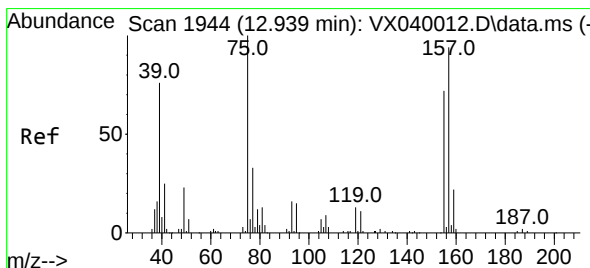
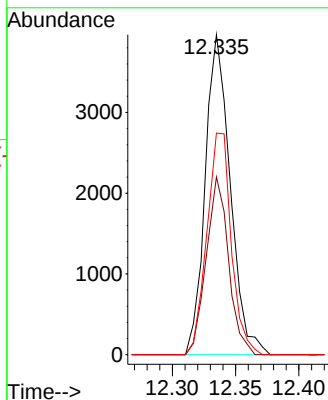
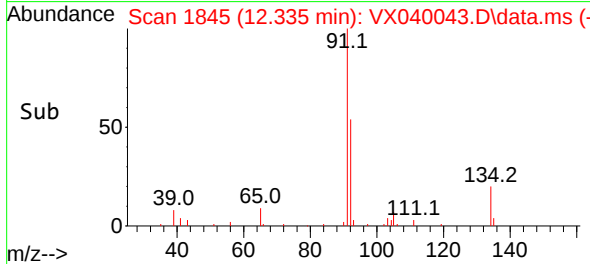
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2024



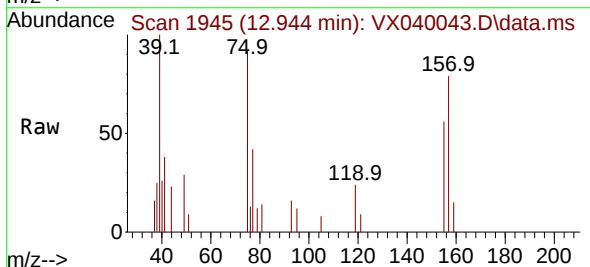
Tgt Ion:146 Resp: 544
Ion Ratio Lower Upper
146 100
111 49.6 22.4 67.0
148 67.7 31.6 95.0

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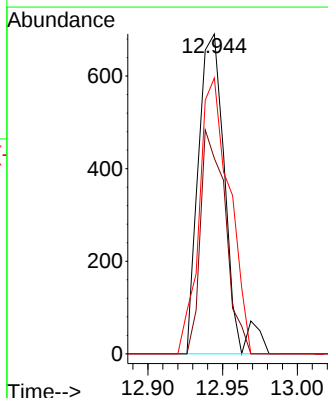
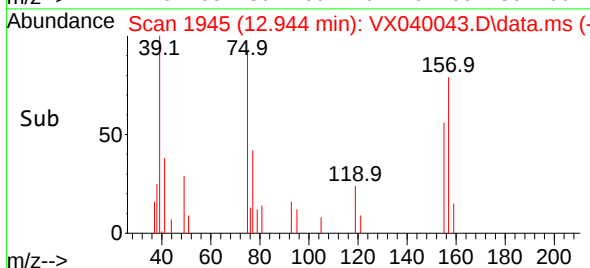
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

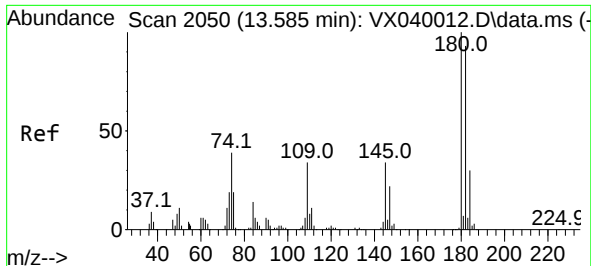


#92
1,2-Dibromo-3-Chloropropane
Concen: 1.929 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12



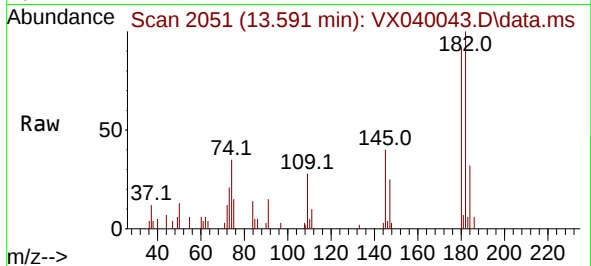
Tgt Ion: 75 Resp: 859
Ion Ratio Lower Upper
75 100
155 65.3 36.1 108.5
157 97.4 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 2.311 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

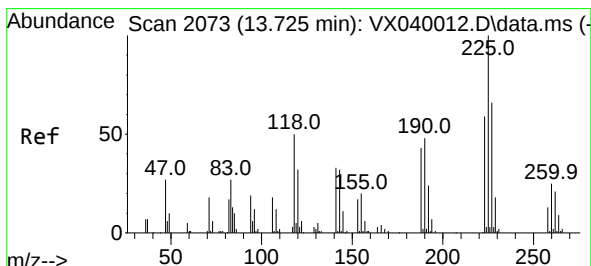
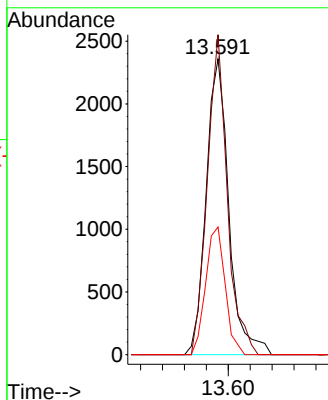
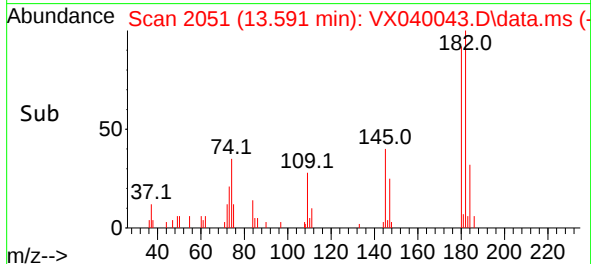
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:180 Resp: 3380
Ion Ratio Lower Upper
180 100
182 95.3 48.3 144.8
145 37.1 18.0 54.0

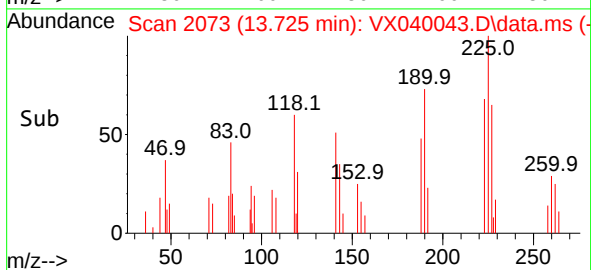
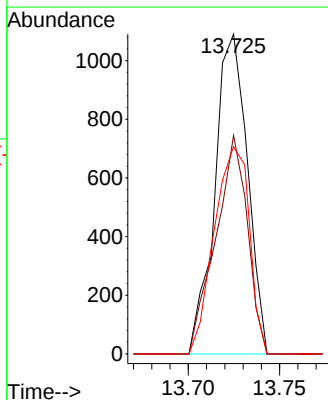
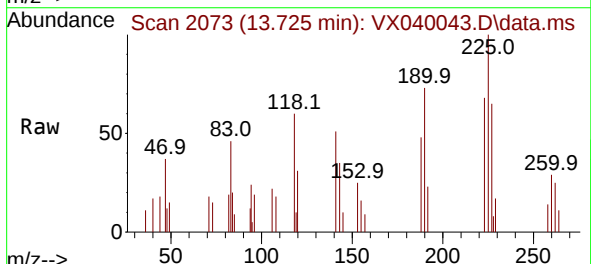
Manual Integrations
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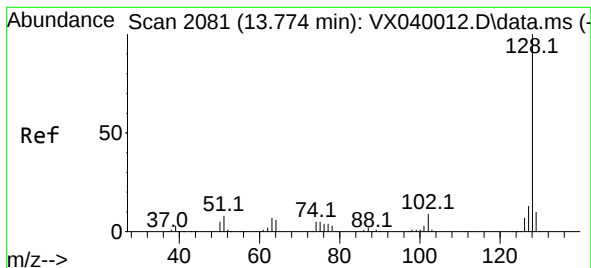
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#94
Hexachlorobutadiene
Concen: 2.344 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

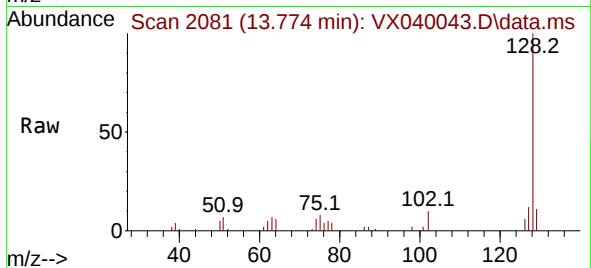
Tgt Ion:225 Resp: 1353
Ion Ratio Lower Upper
225 100
223 66.3 31.1 93.2
227 69.7 32.5 97.5





#95
Naphthalene
Concen: 2.176 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12

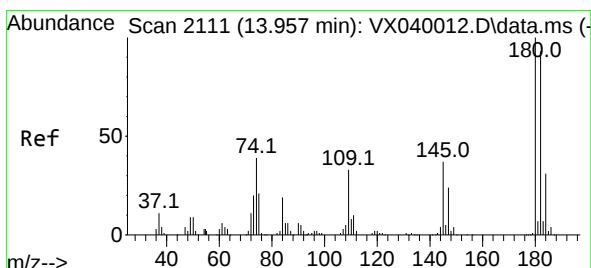
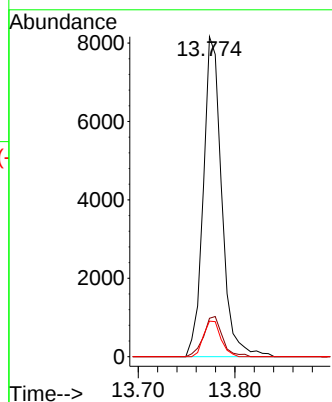
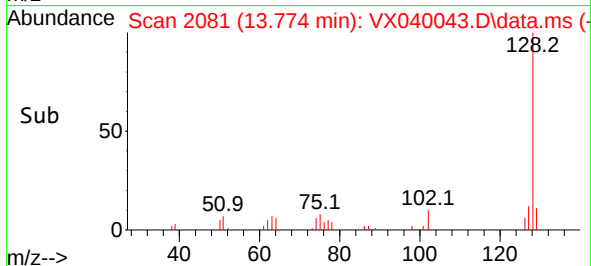
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2024



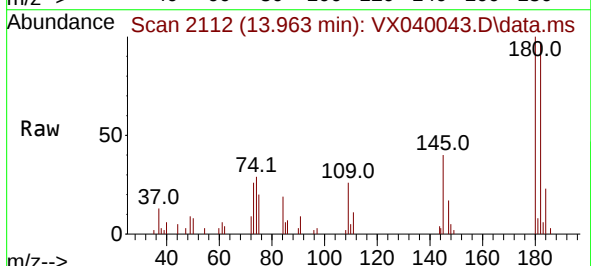
Tgt Ion:128 Resp: 1083
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.5 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#96
1,2,3-Trichlorobenzene
Concen: 2.410 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX040043.D
Acq: 31 Jan 2024 13:12



Tgt Ion:180 Resp: 3492
Ion Ratio Lower Upper
180 100
182 101.1 46.9 140.6
145 39.9 17.8 53.5

