

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051424\
 Data File : VX041524.D
 Acq On : 14 May 2024 17:08
 Operator : JC/MD
 Sample : P2403-08 1.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

Quant Time: May 15 01:57:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 15 01:53:03 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/15/2024
 Supervised By : Mahesh Dadoda 05/15/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	163015	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	235251	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	85615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93818	52.866	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	105.740%		
35) Dibromofluoromethane	5.385	113	72223	45.303	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.600%		
50) Toluene-d8	8.647	98	249536	49.454	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.900%		
62) 4-Bromofluorobenzene	11.079	95	78705	40.294	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	80.580%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	1325	0.989	ug/l	99
3) Chloromethane	1.295	50	1400	1.010	ug/l #	84
4) Vinyl Chloride	1.374	62	1336	1.011	ug/l #	80
5) Bromomethane	1.593	94	1297	1.566	ug/l	91
6) Chloroethane	1.666	64	894	1.457	ug/l #	65
7) Trichlorofluoromethane	1.868	101	2507	1.100	ug/l #	80
8) Diethyl Ether	2.142	74	838	1.043	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	1534	1.198	ug/l	89
10) Methyl Iodide	2.441	142	1323	0.960	ug/l #	92
11) Tert butyl alcohol	3.008	59	1649	4.642	ug/l #	94
12) 1,1-Dichloroethene	2.307	96	1489	1.179	ug/l	83
13) Acrolein	2.240	56	1032	3.662	ug/l	97
14) Allyl chloride	2.654	41	2356	1.110	ug/l	98
15) Acrylonitrile	3.075	53	4634	5.716	ug/l	94
16) Acetone	2.392	43	5293	5.712	ug/l #	87
17) Carbon Disulfide	2.502	76	2670	0.899	ug/l	99
18) Methyl Acetate	2.709	43	2821	1.554	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	5005	1.087	ug/l	94
20) Methylene Chloride	2.782	84	2639	1.713	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	1433	1.015	ug/l #	72
22) Diisopropyl ether	3.770	45	4904	1.090	ug/l #	77
23) Vinyl Acetate	3.727	43	19525	4.853	ug/l	99
24) 1,1-Dichloroethane	3.605	63	2673	1.052	ug/l #	93
25) 2-Butanone	4.587	43	6183	5.383	ug/l	94
26) 2,2-Dichloropropane	4.465	77	1942	0.914	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	1834	1.097	ug/l	84
28) Bromochloromethane	4.904	49	980	1.081	ug/l #	68
29) Tetrahydrofuran	5.026	42	3990	5.312	ug/l	99
30) Chloroform	5.099	83	2923	1.106	ug/l	94
31) Cyclohexane	5.465	56	2359	1.101	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	2443	1.016	ug/l #	51
36) 1,1-Dichloropropene	5.690	75	1979	1.038	ug/l	91
37) Ethyl Acetate	4.745	43	2465	1.036	ug/l #	74
38) Carbon Tetrachloride	5.672	117	2206	1.010	ug/l	92
39) Methylcyclohexane	7.379	83	2505	1.119	ug/l	94
40) Benzene	6.038	78	6271	1.067	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.952	41	964m	0.787	ug/l	
42) 1,2-Dichloroethane	6.099	62	2306	1.071	ug/l	83
43) Isopropyl Acetate	6.355	43	3881	1.085	ug/l #	73
44) Trichloroethene	7.129	130	1705	1.099	ug/l	83
45) 1,2-Dichloropropane	7.434	63	1527	1.163	ug/l	96
46) Dibromomethane	7.586	93	1058	1.012	ug/l #	71
47) Bromodichloromethane	7.824	83	1846	0.991	ug/l #	95
48) Methyl methacrylate	7.708	41	1544	0.942	ug/l	96
49) 1,4-Dioxane	7.690	88	599	16.900	ug/l #	91
51) 4-Methyl-2-Pentanone	8.580	43	11041	5.145	ug/l	99
52) Toluene	8.720	92	3747	1.042	ug/l	94
53) t-1,3-Dichloropropene	8.988	75	1730	0.937	ug/l #	87
54) cis-1,3-Dichloropropene	8.379	75	1865	0.911	ug/l #	82
55) 1,1,2-Trichloroethane	9.159	97	1534	1.108	ug/l	91
56) Ethyl methacrylate	9.129	69	1959	0.914	ug/l	94
57) 1,3-Dichloropropane	9.311	76	2522	1.092	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.251	63	5179	4.985	ug/l	99
59) 2-Hexanone	9.439	43	8997	5.243	ug/l	95
60) Dibromochloromethane	9.525	129	1469	0.901	ug/l	99
61) 1,2-Dibromoethane	9.616	107	1523	1.000	ug/l	97
64) Tetrachloroethene	9.275	164	1749	1.157	ug/l	87
65) Chlorobenzene	10.080	112	4604	1.087	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.159	131	1469	0.981	ug/l #	65
67) Ethyl Benzene	10.195	91	6764	0.968	ug/l	93
68) m/p-Xylenes	10.305	106	5120	1.829	ug/l	99
69) o-Xylene	10.640	106	2624	0.979	ug/l	100
70) Styrene	10.659	104	4035	0.917	ug/l	97
71) Bromoform	10.799	173	1220	0.911	ug/l #	95
73) Isopropylbenzene	10.964	105	6356	1.216	ug/l	94
74) N-amyl acetate	10.848	43	2830	1.239	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.214	83	2115	1.235	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	1671m	1.198	ug/l	
77) Bromobenzene	11.201	156	1695	1.149	ug/l	77
78) n-propylbenzene	11.305	91	5763	1.050	ug/l	99
79) 2-Chlorotoluene	11.366	91	4357	1.232	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	4349	1.021	ug/l	93
82) 4-Chlorotoluene	11.457	91	4401	1.096	ug/l	94
83) tert-Butylbenzene	11.713	119	4660	1.021	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	4263	0.994	ug/l	86
85) sec-Butylbenzene	11.890	105	5102	0.976	ug/l	100
86) p-Isopropyltoluene	12.012	119	4244	0.904	ug/l	95
87) 1,3-Dichlorobenzene	11.976	146	2894	1.079	ug/l	93
88) 1,4-Dichlorobenzene	12.043	146	3313	1.199	ug/l	79
89) n-Butylbenzene	12.335	91	3209	0.850	ug/l	95
90) Hexachloroethane	12.536	117	734	0.935	ug/l	69
91) 1,2-Dichlorobenzene	12.335	146	2995	1.058	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	325	0.821	ug/l #	67
93) 1,2,4-Trichlorobenzene	13.591	180	1690	0.854	ug/l	97
94) Hexachlorobutadiene	13.725	225	949	0.960	ug/l	94
95) Naphthalene	13.780	128	5075	0.865	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	1828	0.904	ug/l	94

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

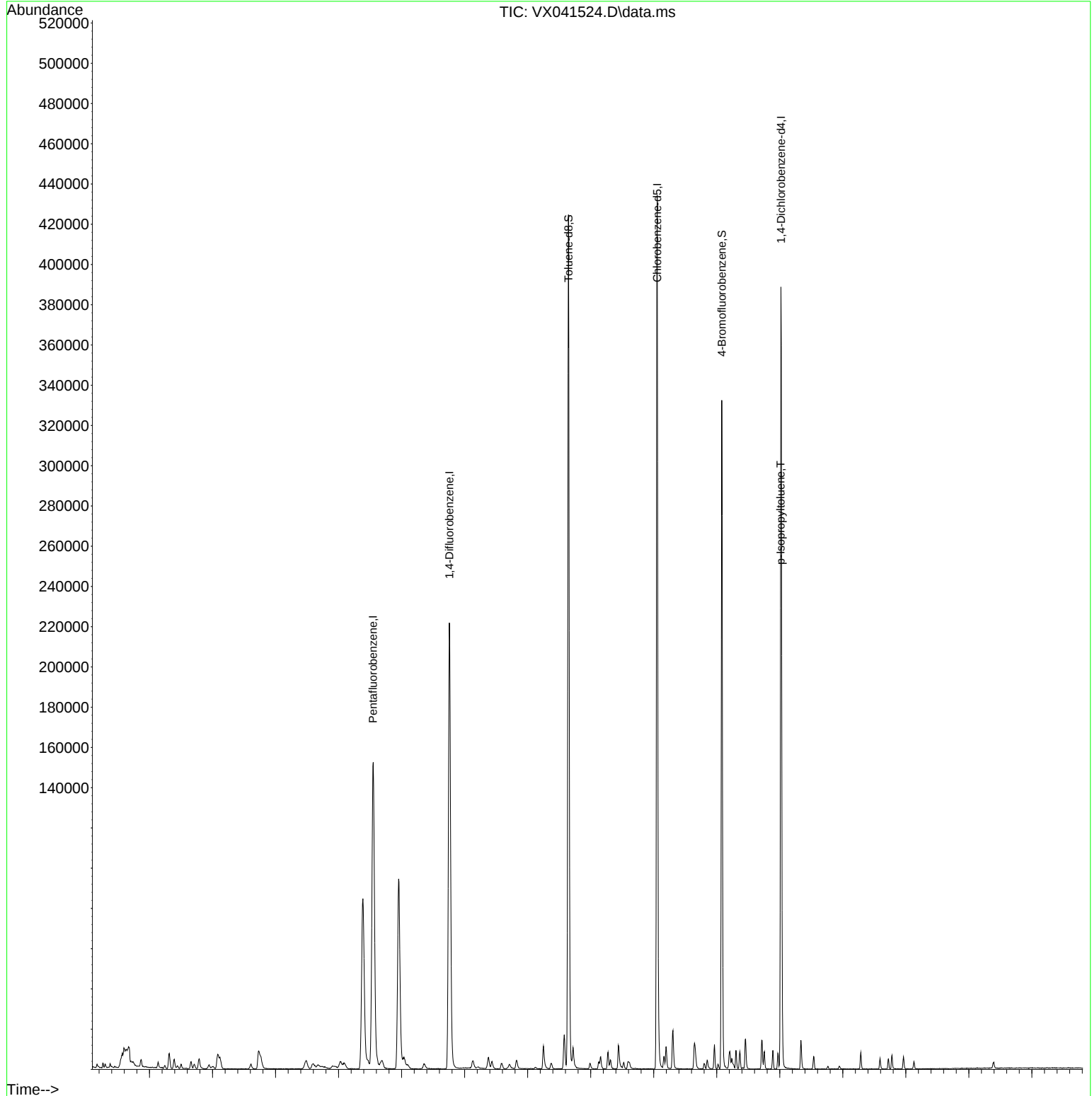
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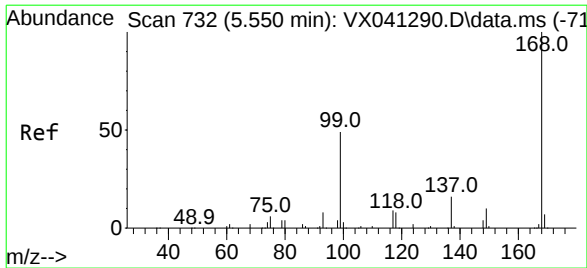
Instrument :
MSVOA_X
ClientSampleId :
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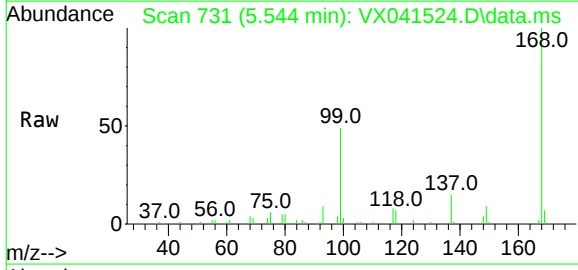
Reviewed By : John Carlone 05/15/2024
Supervised By : Mahesh Dadoda 05/15/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 73
Delta R.T. -0.006 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

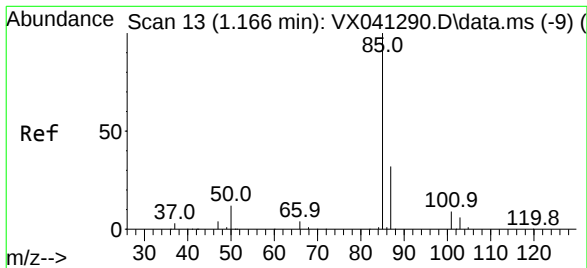
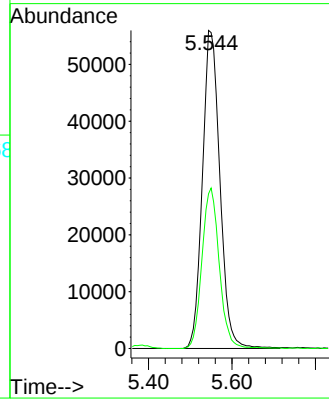
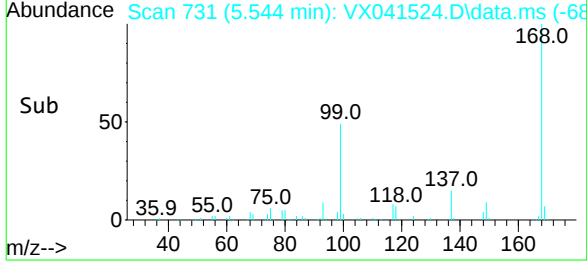
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:168 Resp: 163015
Ion Ratio Lower Upper
168 100
99 48.7 56.6 85.0#

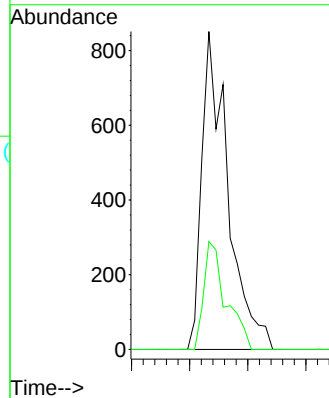
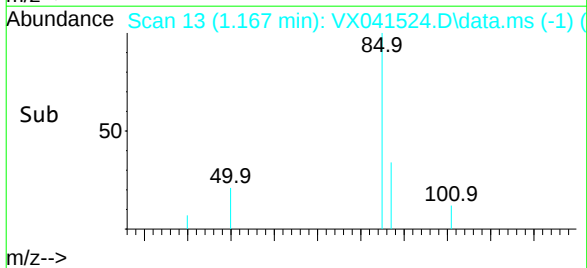
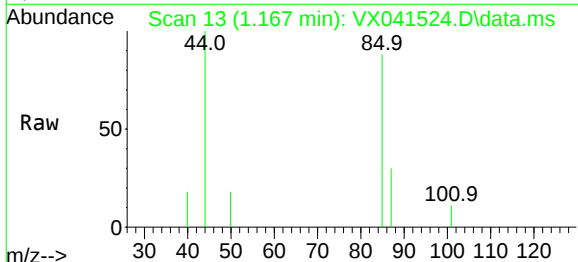
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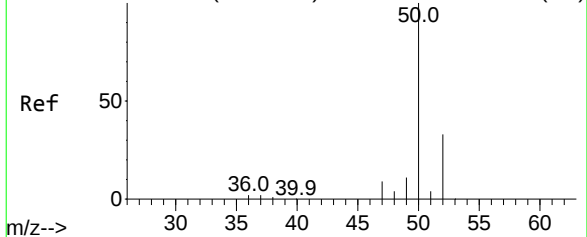


#2
Dichlorodifluoromethane
Concen: 0.989 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

Tgt Ion: 85 Resp: 1325
Ion Ratio Lower Upper
85 100
87 34.0 16.7 50.1



Abundance Scan 35 (1.300 min): VX041290.D\data.ms (-30)



#3

Chloromethane

Concen: 1.010 ug/l

RT: 1.295 min Scan# 34

Delta R.T. -0.006 min

Lab File: VX041524.D

Acq: 14 May 2024 17:08

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion: 50 Resp: 1400

Ion Ratio Lower Upper

50 100

52 40.8 25.5 38.3#

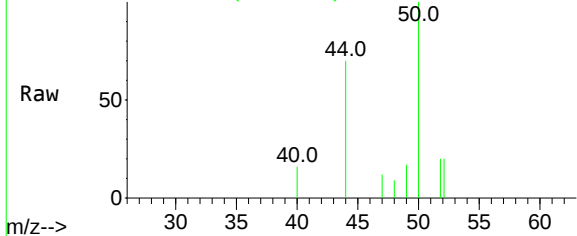
Manual Integrations

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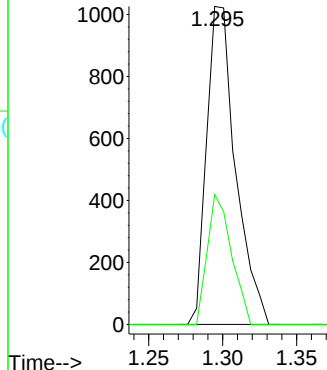
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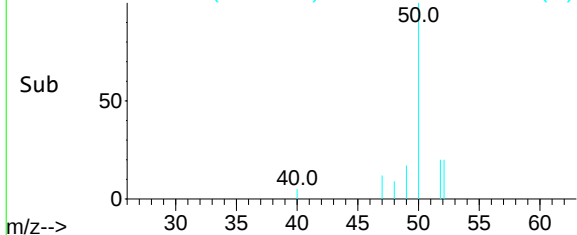
Abundance Scan 34 (1.295 min): VX041524.D\data.ms



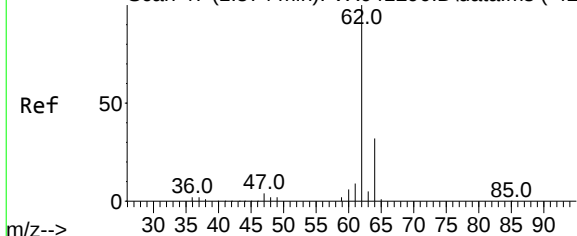
Abundance



Abundance Scan 34 (1.295 min): VX041524.D\data.ms (-1)



Abundance Scan 47 (1.374 min): VX041290.D\data.ms (-42)



#4

Vinyl Chloride

Concen: 1.011 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX041524.D

Acq: 14 May 2024 17:08

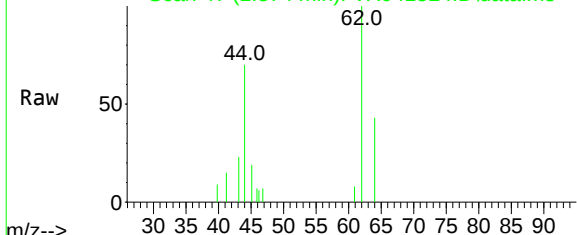
Tgt Ion: 62 Resp: 1336

Ion Ratio Lower Upper

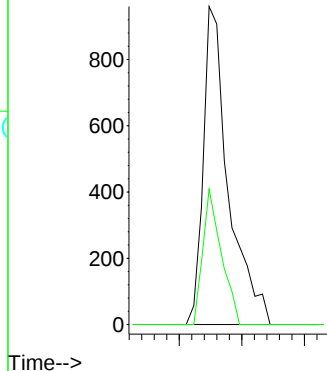
62 100

64 42.6 25.4 38.0#

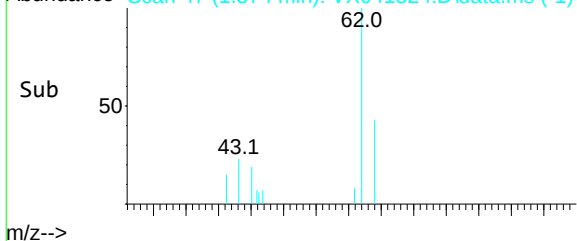
Abundance Scan 47 (1.374 min): VX041524.D\data.ms

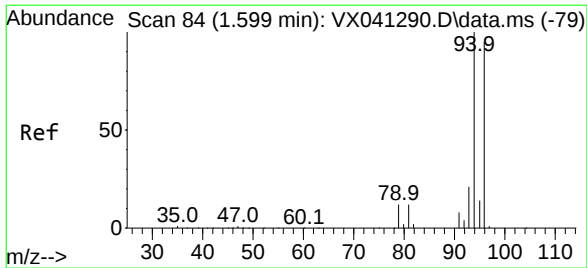


Abundance



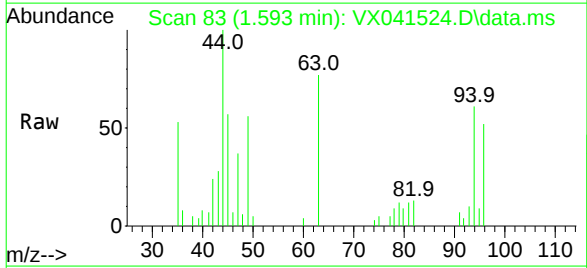
Abundance Scan 47 (1.374 min): VX041524.D\data.ms (-1)





#5
Bromomethane
Concen: 1.566 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.006 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

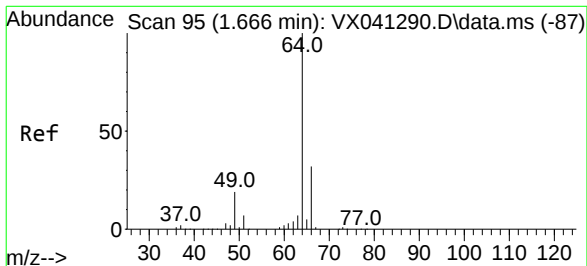
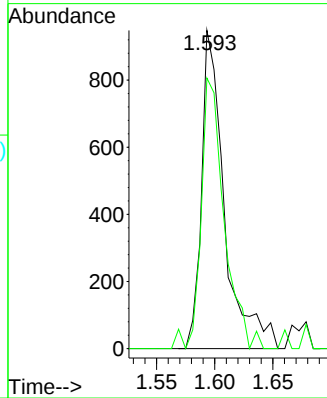
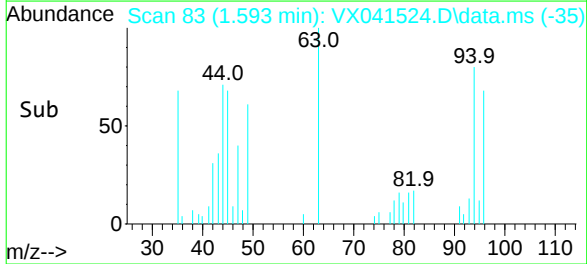
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Tgt Ion: 94 Resp: 1297
Ion Ratio Lower Upper
94 100
96 85.0 74.6 111.8

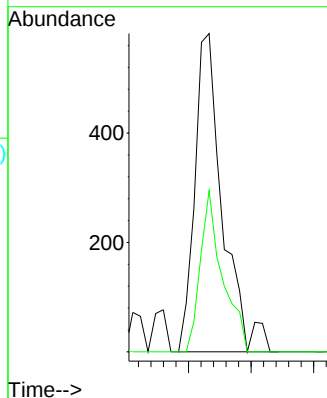
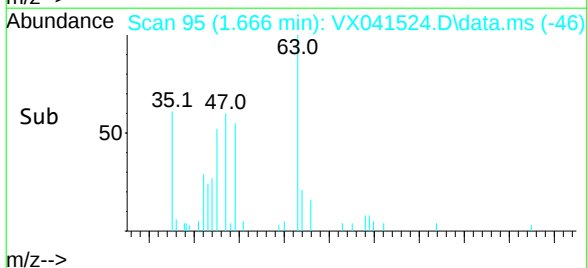
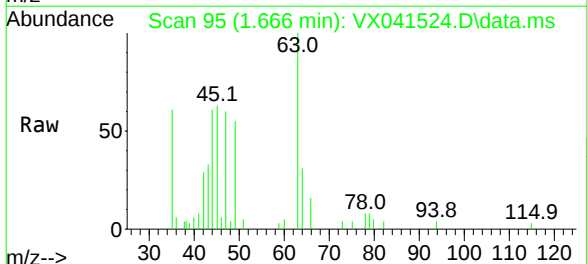
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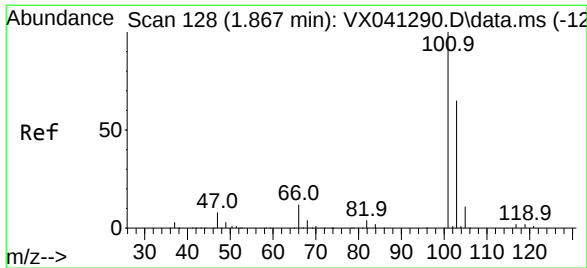
Reviewed By :John Carlone 05/15/2024
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#6
Chloroethane
Concen: 1.457 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

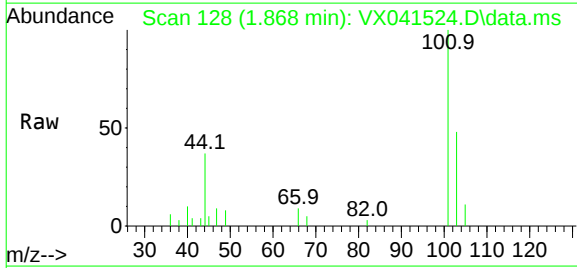
Tgt Ion: 64 Resp: 894
Ion Ratio Lower Upper
64 100
66 50.7 25.1 37.7#





#7
 Trichlorofluoromethane
 Concen: 1.100 ug/l
 RT: 1.868 min Scan# 128
 Delta R.T. 0.000 min
 Lab File: VX041524.D
 Acq: 14 May 2024 17:08

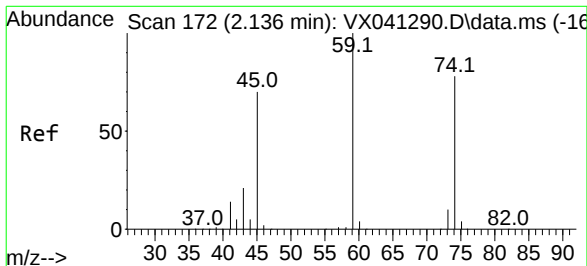
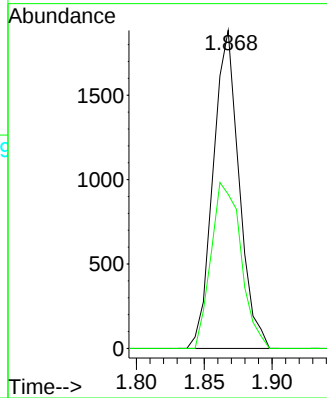
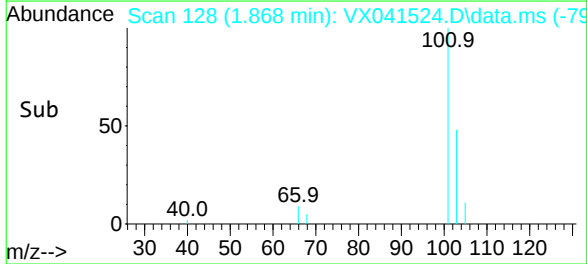
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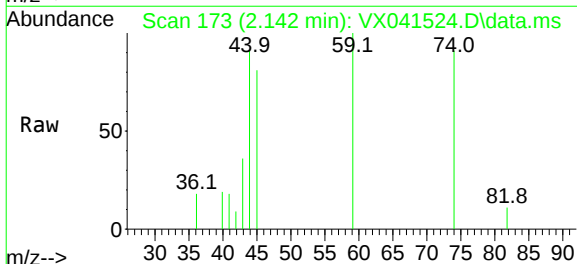
Tgt Ion: 101 Resp: 2507
 Ion Ratio Lower Upper
 101 100
 103 48.5 51.4 77.2#

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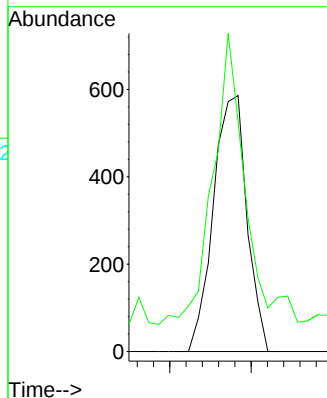
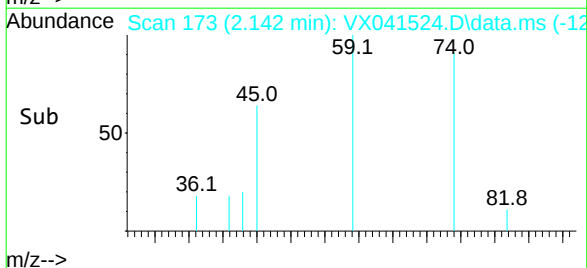
Reviewed By : John Carlone 05/15/2024
 Supervised By : Mahesh Dadoda 05/15/2024

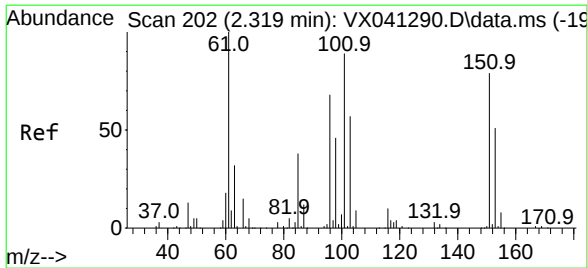


#8
 Diethyl Ether
 Concen: 1.043 ug/l
 RT: 2.142 min Scan# 173
 Delta R.T. 0.006 min
 Lab File: VX041524.D
 Acq: 14 May 2024 17:08



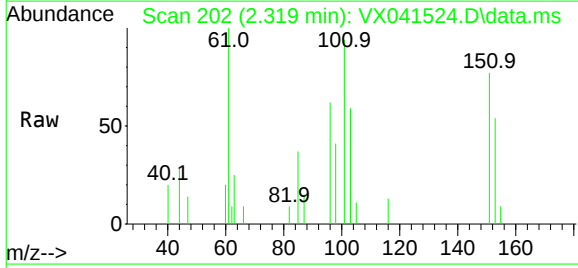
Tgt Ion: 74 Resp: 838
 Ion Ratio Lower Upper
 74 100
 45 109.3 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.198 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

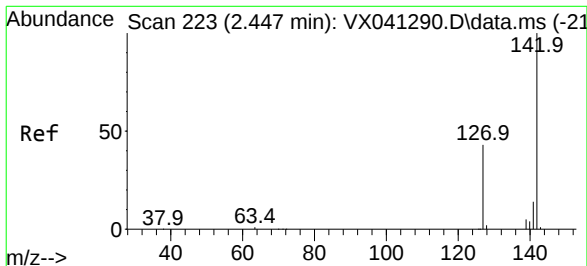
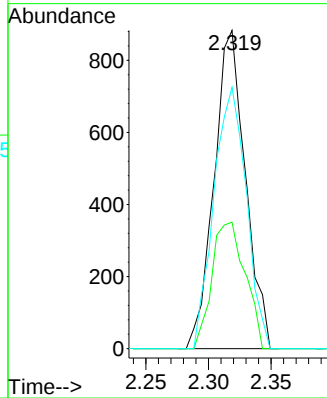
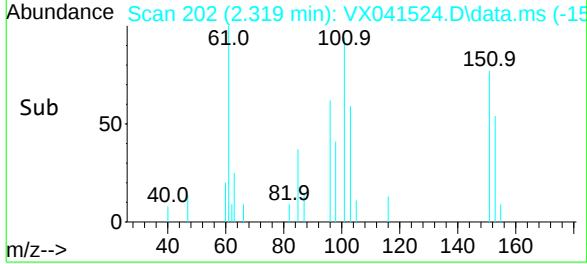
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024



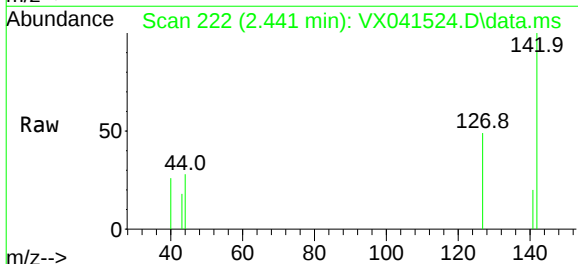
Tgt Ion:101 Resp: 1534
Ion Ratio Lower Upper
101 100
85 42.2 37.0 55.6
151 85.3 58.6 87.8

Manual Integrations
APPROVED

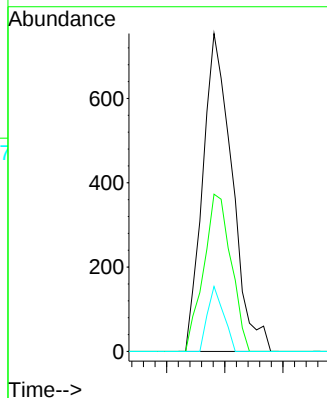
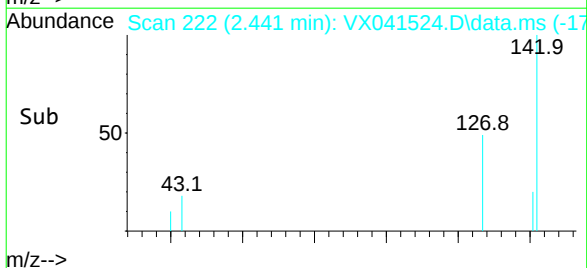
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

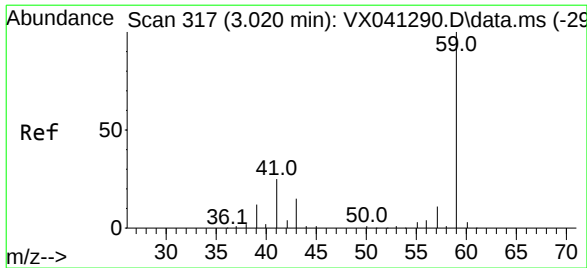


#10
Methyl Iodide
Concen: 0.960 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08



Tgt Ion:142 Resp: 1323
Ion Ratio Lower Upper
142 100
127 46.2 41.6 62.4
141 11.1 11.6 17.4#





#11

Tert butyl alcohol

Concen: 4.642 ug/l

RT: 3.008 min Scan# 31

Delta R.T. -0.012 min

Lab File: VX041524.D

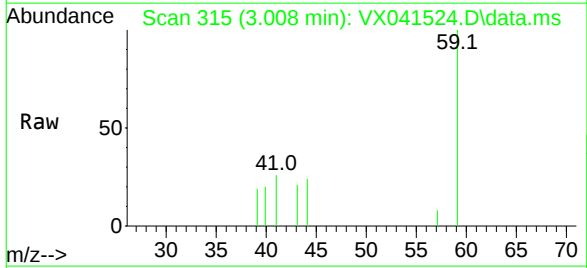
Acq: 14 May 2024 17:08

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024



Tgt Ion: 59 Resp: 1649

Ion Ratio Lower Upper

59 100

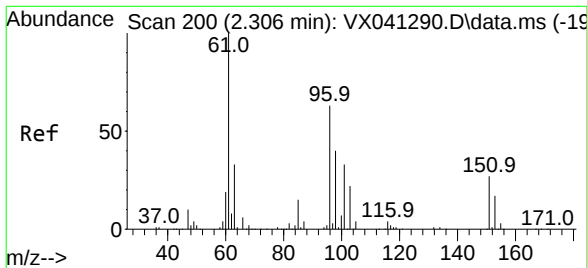
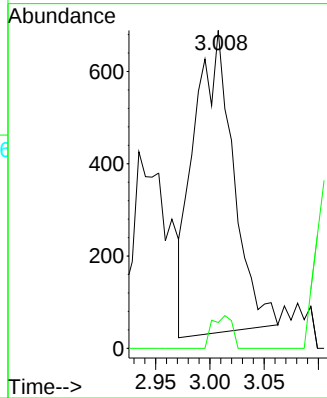
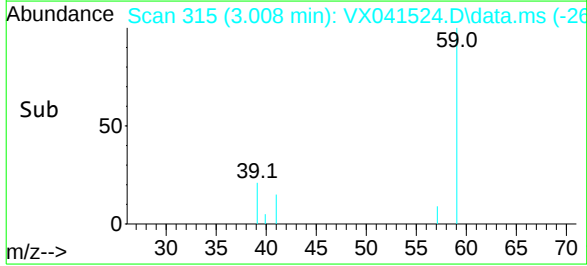
57 5.5 6.0 9.0#

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#12

1,1-Dichloroethene

Concen: 1.179 ug/l

RT: 2.307 min Scan# 200

Delta R.T. 0.000 min

Lab File: VX041524.D

Acq: 14 May 2024 17:08

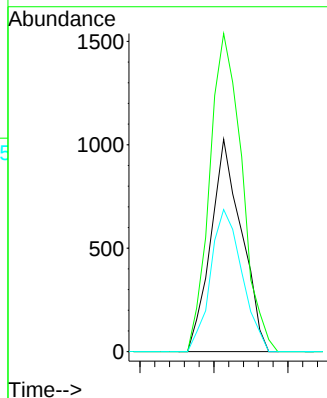
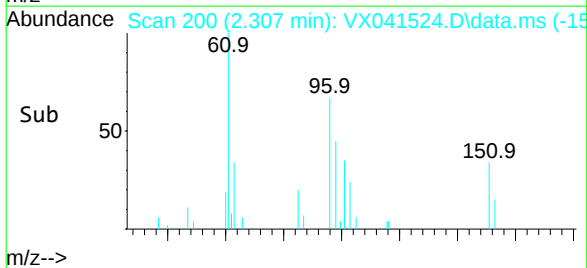
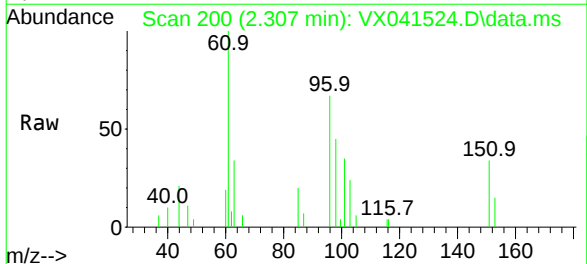
Tgt Ion: 96 Resp: 1489

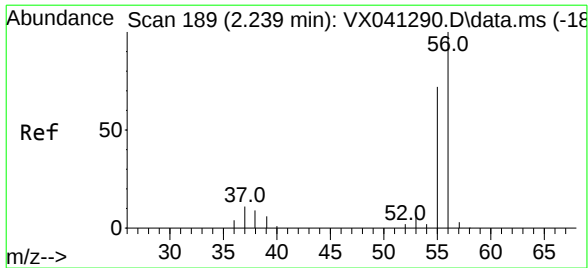
Ion Ratio Lower Upper

96 100

61 149.8 144.6 216.8

98 66.9 50.4 75.6





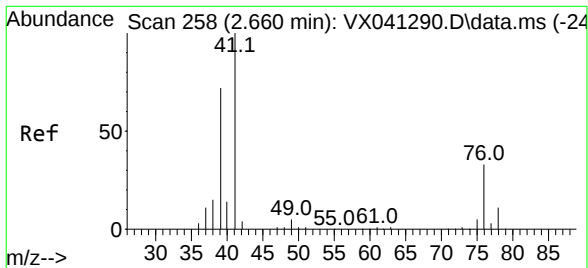
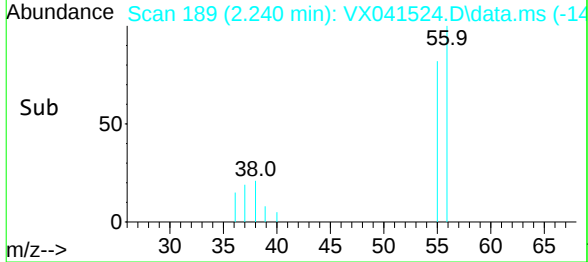
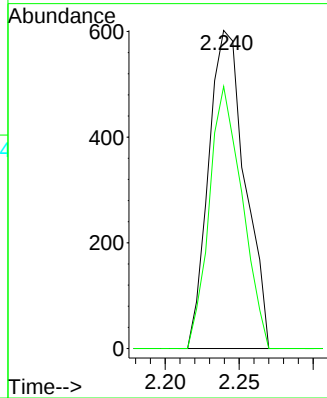
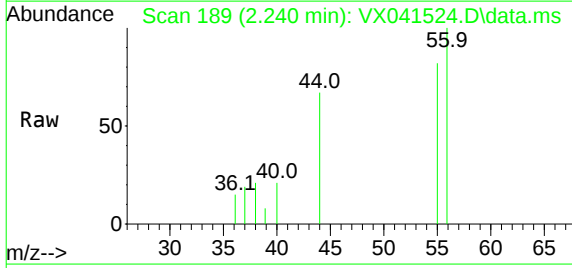
#13
Acrolein
Concen: 3.662 ug/l
RT: 2.240 min Scan# 18
Delta R.T. 0.000 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion: 56 Resp: 1032
Ion Ratio Lower Upper
56 100
55 74.2 57.1 85.7

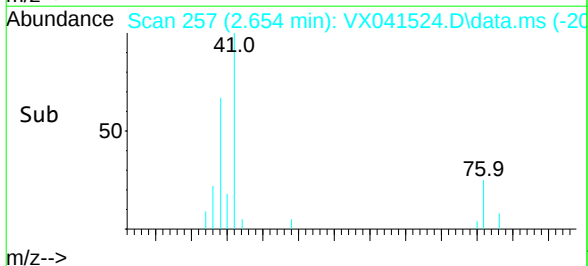
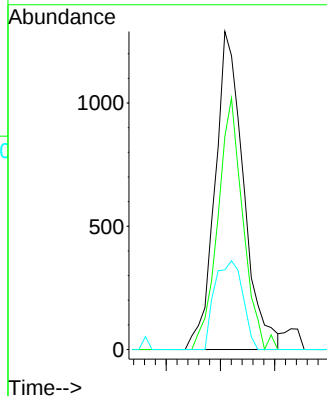
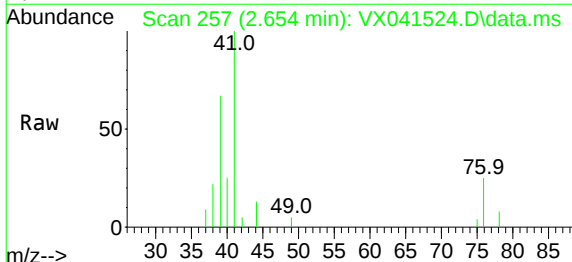
Manual Integrations
APPROVED

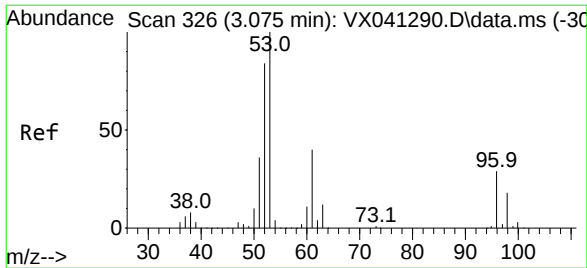
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#14
Allyl chloride
Concen: 1.110 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

Tgt Ion: 41 Resp: 2356
Ion Ratio Lower Upper
41 100
39 69.7 55.8 83.6
76 27.4 24.3 36.5





#15

Acrylonitrile

Concen: 5.716 ug/l

RT: 3.075 min Scan# 326

Delta R.T. 0.000 min

Lab File: VX041524.D

Acq: 14 May 2024 17:08

Instrument :

MSVOA_X

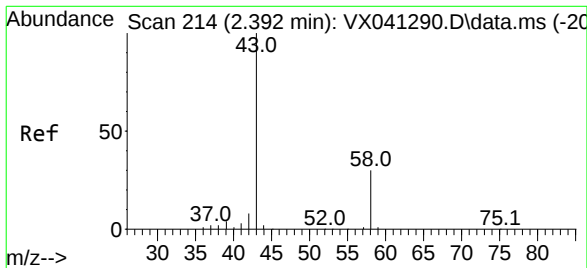
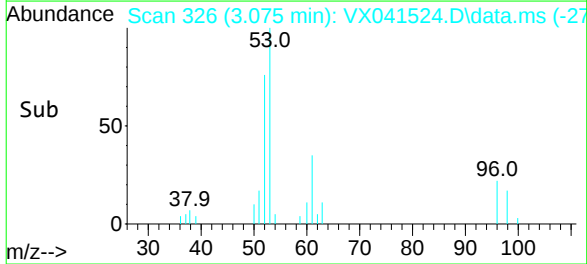
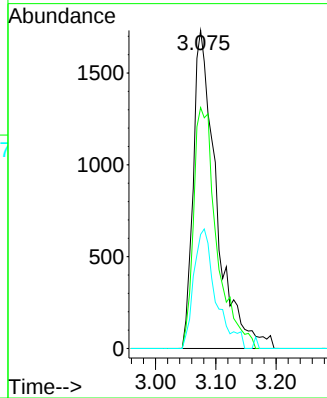
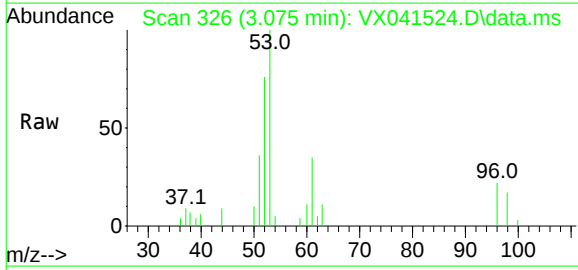
ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:	53	Resp:	4634
Ion	Ratio	Lower	Upper
53	100		
52	75.3	66.0	99.0
51	35.6	29.8	44.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#16

Acetone

Concen: 5.712 ug/l

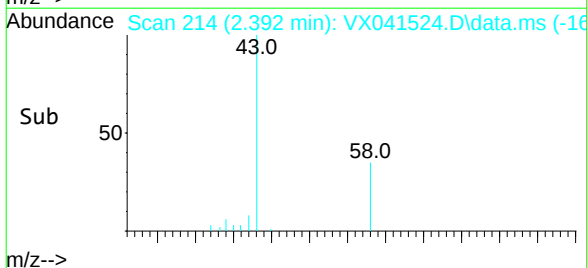
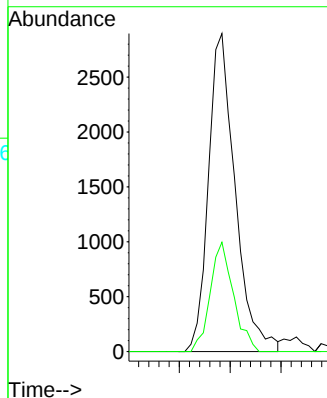
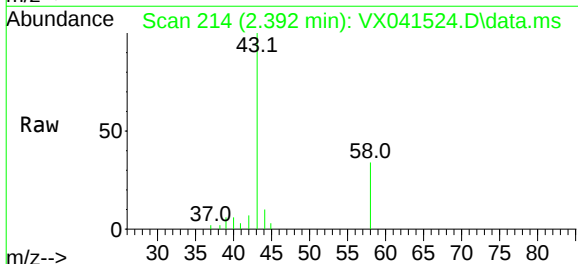
RT: 2.392 min Scan# 214

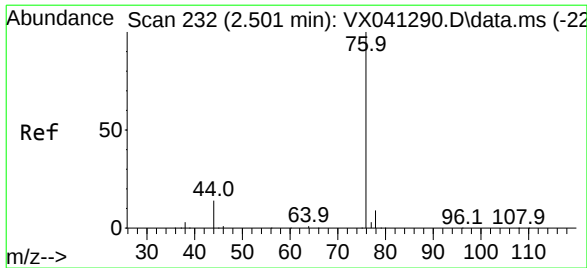
Delta R.T. -0.000 min

Lab File: VX041524.D

Acq: 14 May 2024 17:08

Tgt Ion:	43	Resp:	5293
Ion	Ratio	Lower	Upper
43	100		
58	34.4	21.9	32.9





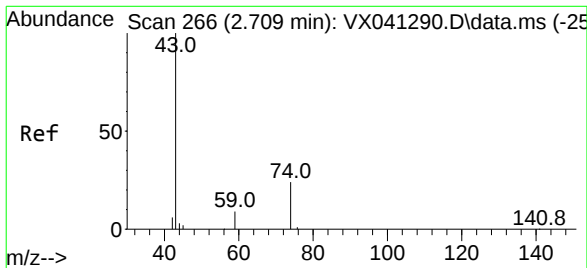
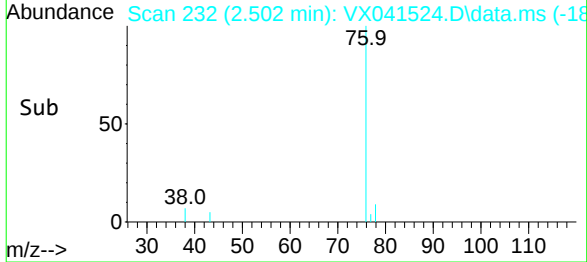
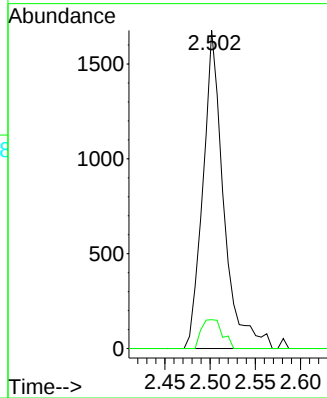
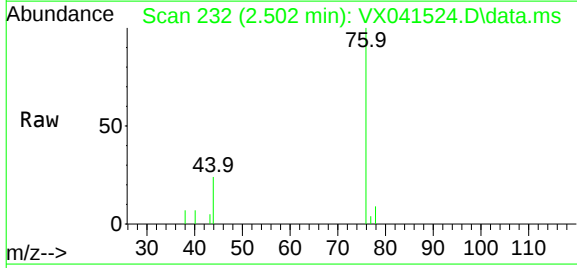
#17
Carbon Disulfide
Concen: 0.899 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.001 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion: 76 Resp: 2670
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

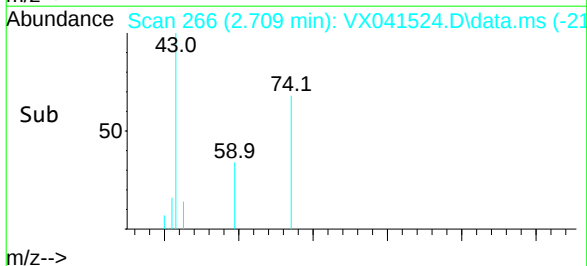
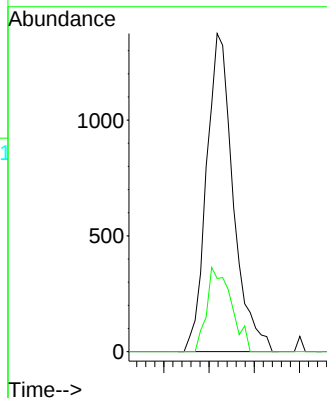
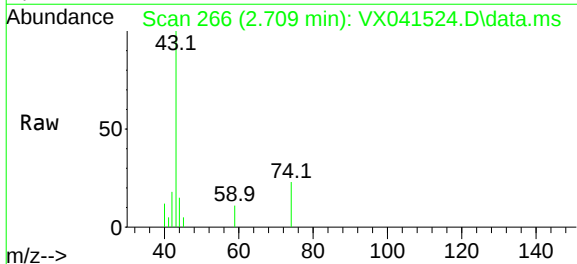
Manual Integrations
APPROVED

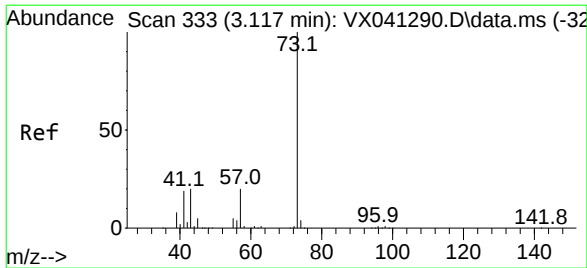
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#18
Methyl Acetate
Concen: 1.554 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

Tgt Ion: 43 Resp: 2821
Ion Ratio Lower Upper
43 100
74 24.2 17.8 26.8





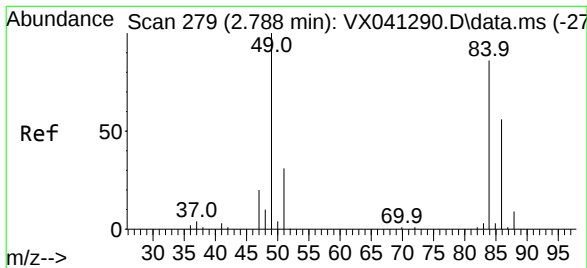
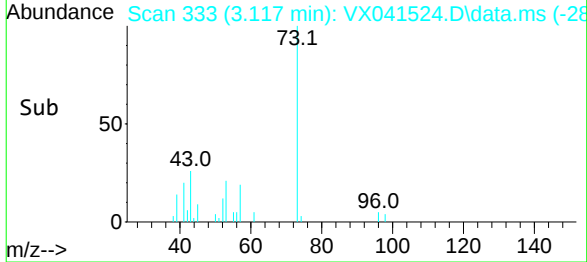
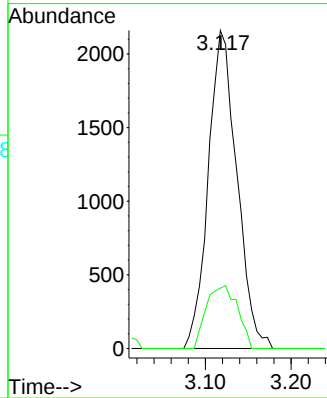
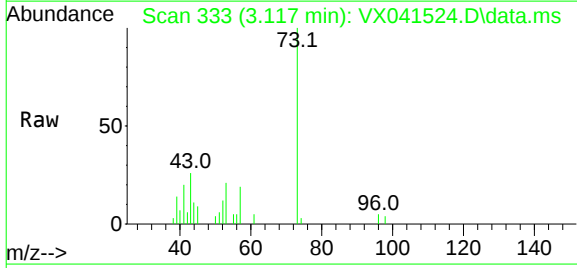
#19
Methyl tert-butyl Ether
Concen: 1.087 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2024

Tgt Ion: 73 Resp: 5005
Ion Ratio Lower Upper
73 100
57 18.9 17.3 25.9

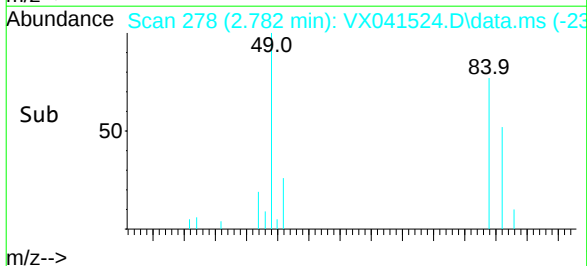
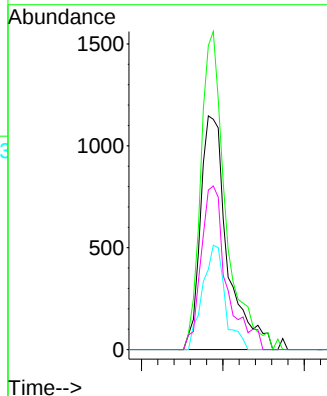
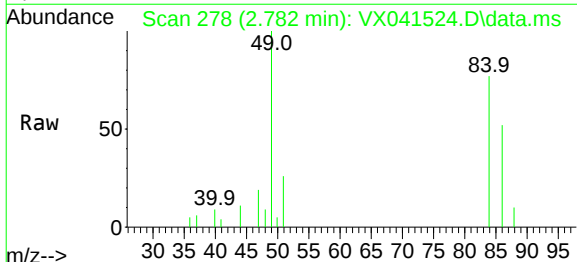
Manual Integrations
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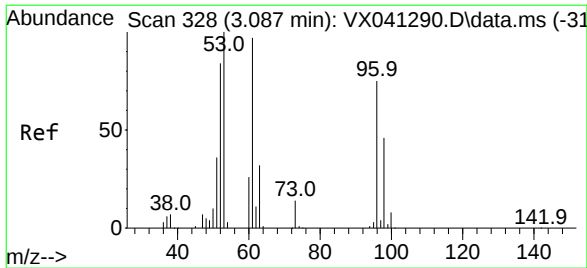
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#20
Methylene Chloride
Concen: 1.713 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

Tgt Ion: 84 Resp: 2639
Ion Ratio Lower Upper
84 100
49 130.1 103.6 155.4
51 34.3 33.8 50.6
86 68.3 49.4 74.0





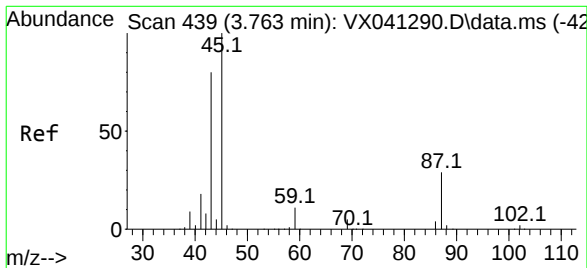
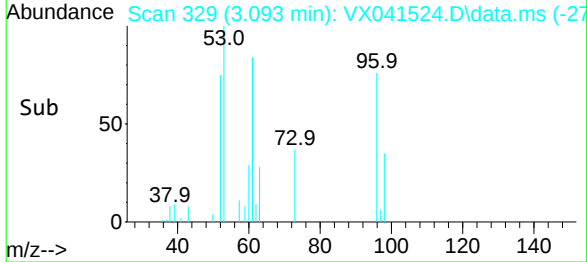
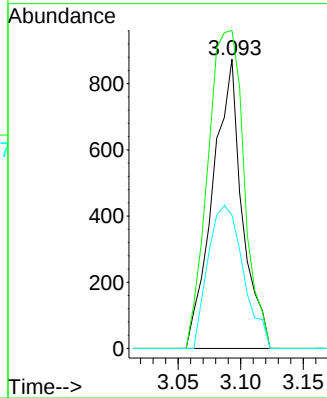
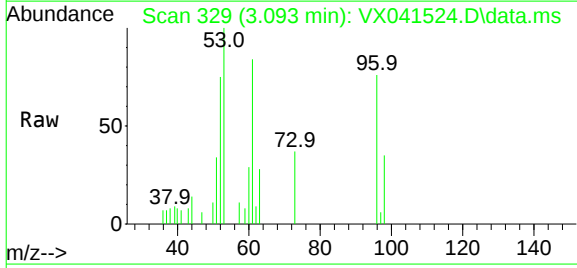
#21
trans-1,2-Dichloroethene
Concen: 1.015 ug/l
RT: 3.093 min Scan# 321
Delta R.T. 0.006 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2024

Tgt Ion	Ratio	Lower	Upper
96	100		
61	110.0	119.2	178.8
98	46.1	48.7	73.1

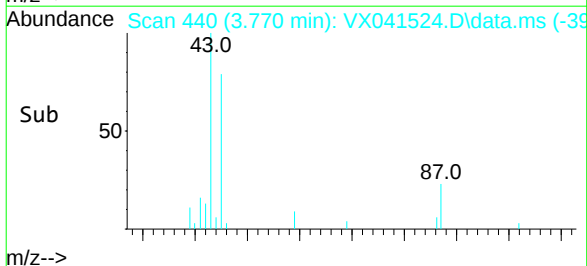
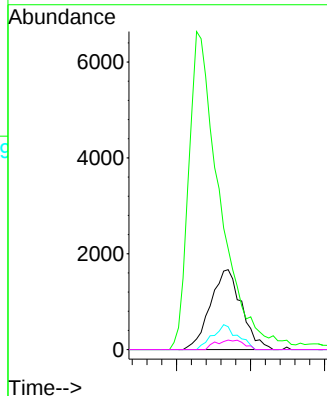
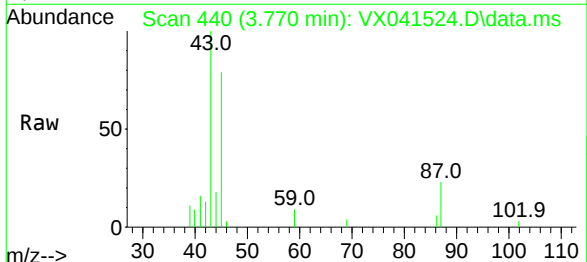
Manual Integrations
APPROVED

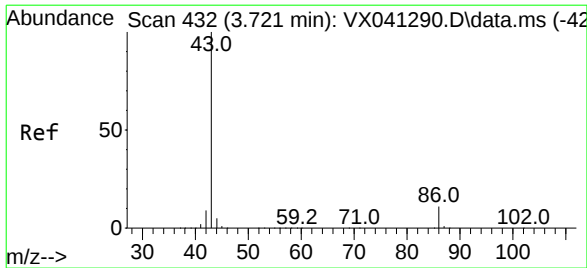
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#22
Diisopropyl ether
Concen: 1.090 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

Tgt Ion	Ratio	Lower	Upper
45	100		
43	115.2	69.7	104.5
87	28.6	20.8	31.2
59	11.9	9.0	13.4





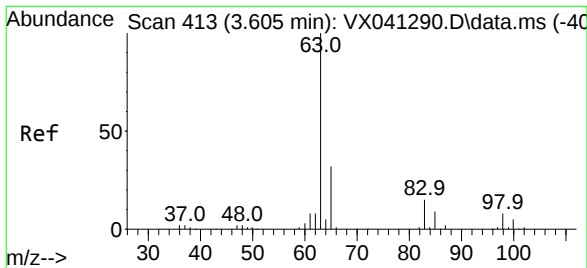
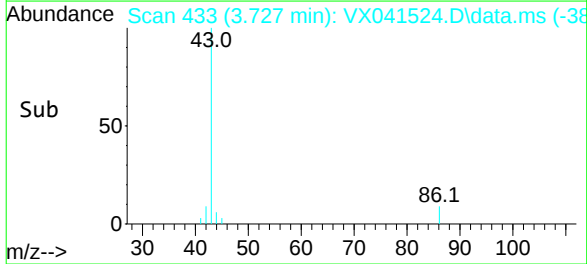
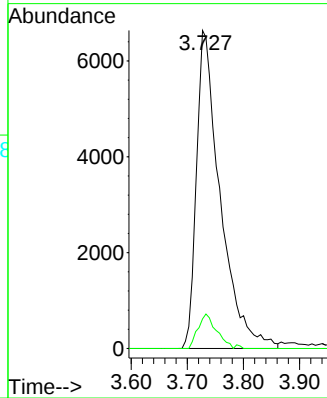
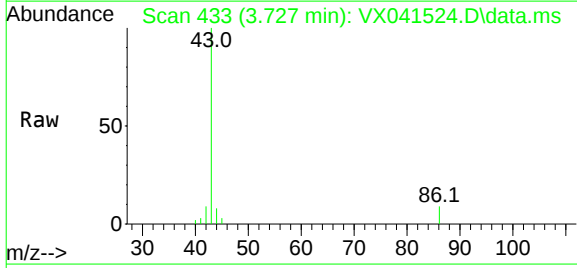
#23
 Vinyl Acetate
 Concen: 4.853 ug/l
 RT: 3.727 min Scan# 43
 Delta R.T. 0.006 min
 Lab File: VX041524.D
 Acq: 14 May 2024 17:08

Instrument : MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

Tgt Ion: 43 Resp: 19525
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.8 11.8

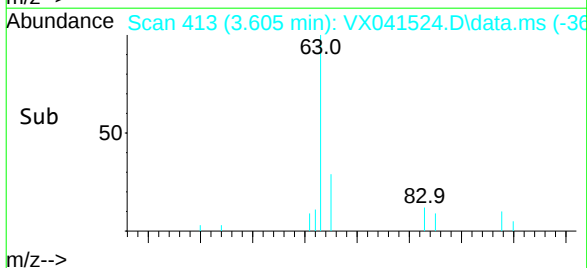
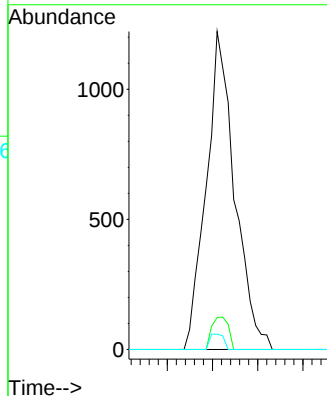
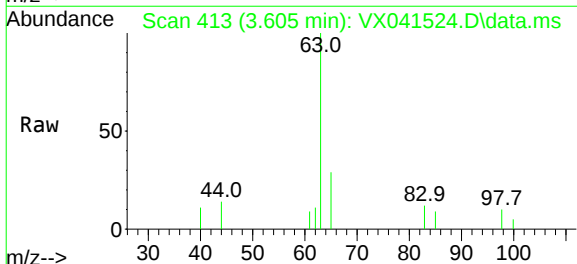
Manual Integrations
 APPROVED

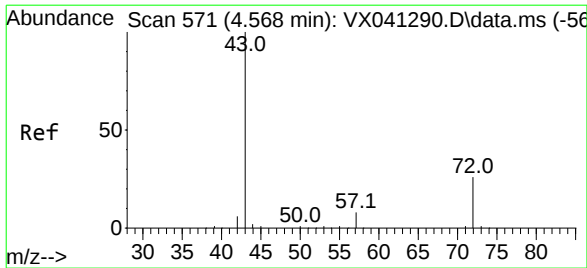
Reviewed By :John Carlone 05/15/2024
 Supervised By :Mahesh Dadoda 05/15/2024



#24
 1,1-Dichloroethane
 Concen: 1.052 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX041524.D
 Acq: 14 May 2024 17:08

Tgt Ion: 63 Resp: 2673
 Ion Ratio Lower Upper
 63 100
 98 10.1 3.3 9.8#
 100 4.8 2.1 6.5





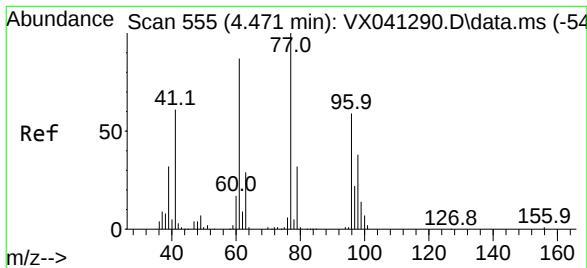
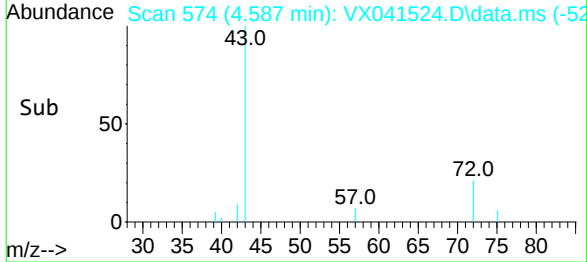
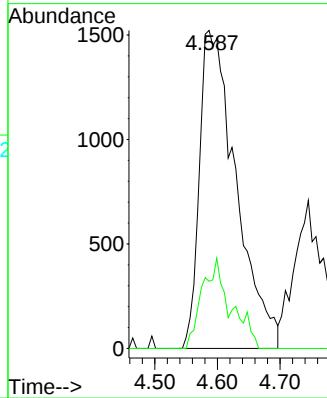
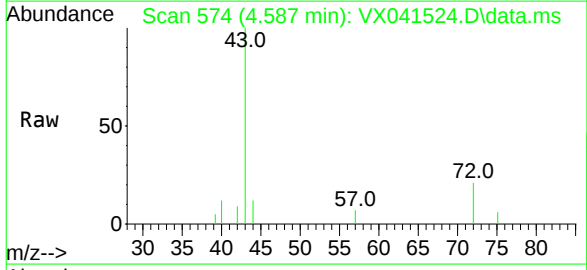
#25
2-Butanone
Concen: 5.383 ug/l
RT: 4.587 min Scan# 571
Delta R.T. 0.018 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion: 43 Resp: 6183
Ion Ratio Lower Upper
43 100
72 21.1 19.4 29.2

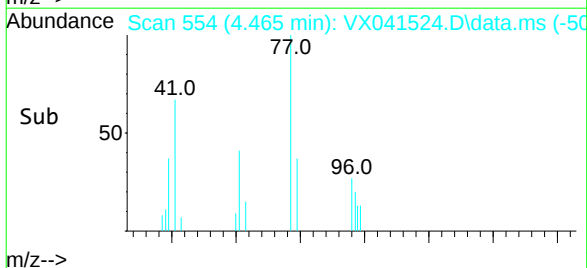
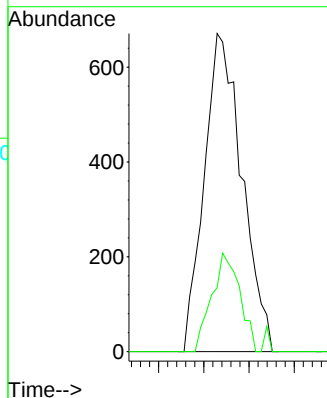
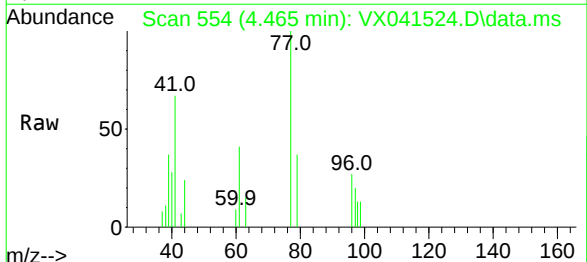
Manual Integrations
APPROVED

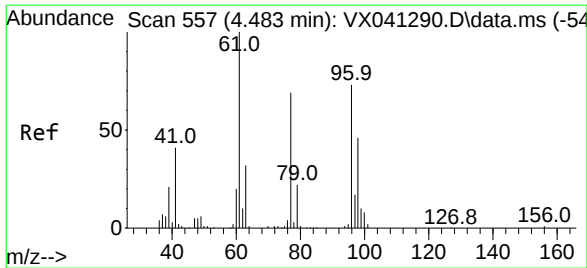
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#26
2,2-Dichloropropane
Concen: 0.914 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

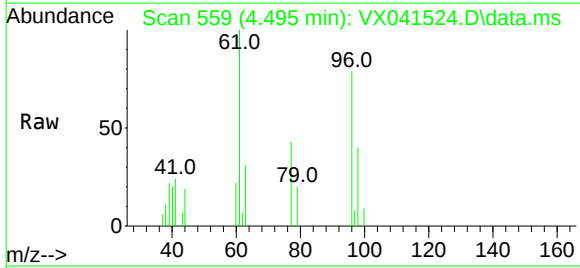
Tgt Ion: 77 Resp: 1942
Ion Ratio Lower Upper
77 100
97 23.0 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 1.097 ug/l
RT: 4.495 min Scan# 55
Delta R.T. 0.012 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

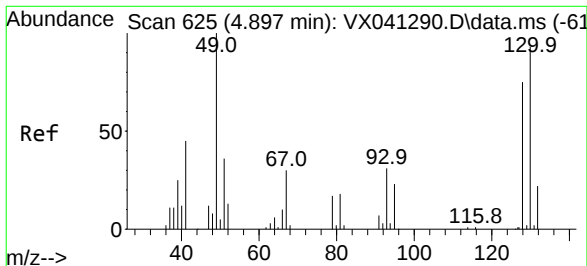
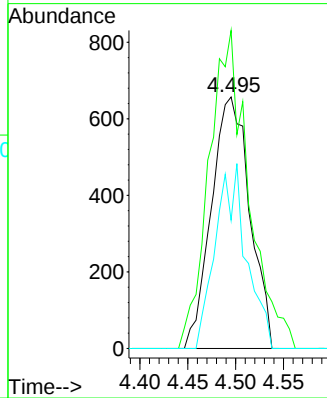
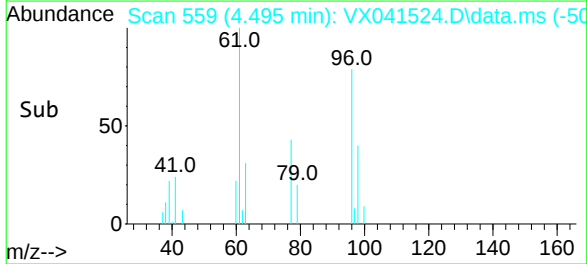
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 96 Resp: 1834
Ion Ratio Lower Upper
96 100
61 130.6 0.0 312.2
98 58.7 0.0 129.0

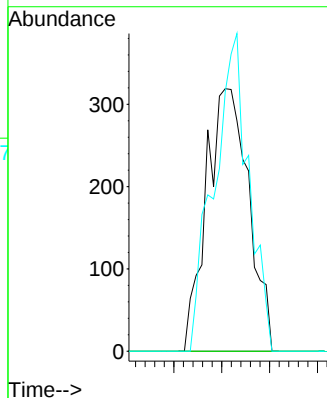
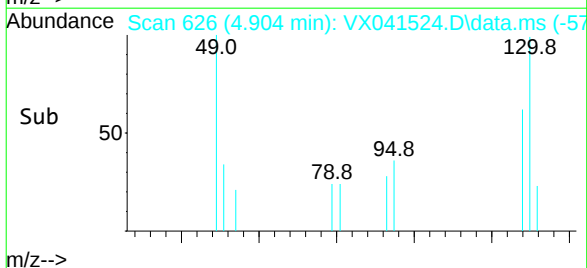
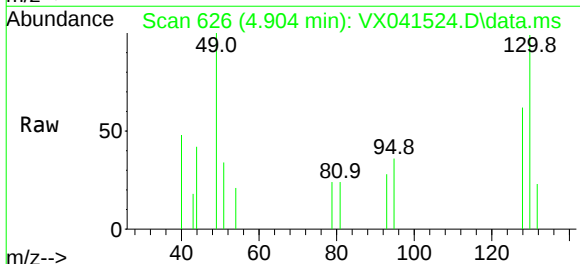
Manual Integrations
APPROVED

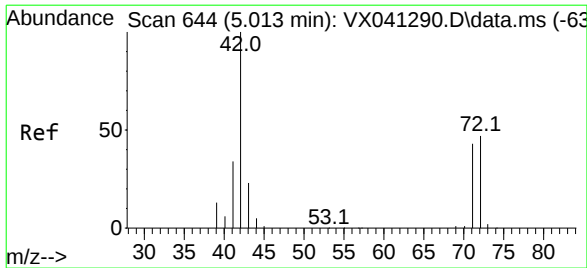
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#28
Bromochloromethane
Concen: 1.081 ug/l
RT: 4.904 min Scan# 626
Delta R.T. 0.007 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

Tgt Ion: 49 Resp: 980
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 99.4 57.5 86.3#





#29

Tetrahydrofuran

Concen: 5.312 ug/l

RT: 5.026 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX041524.D

Acq: 14 May 2024 17:08

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

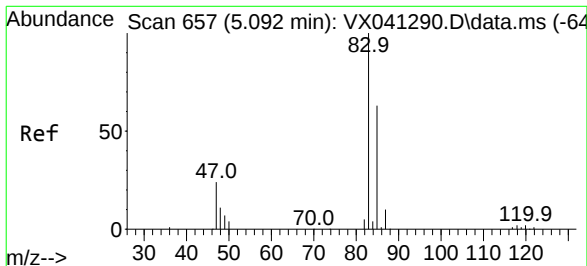
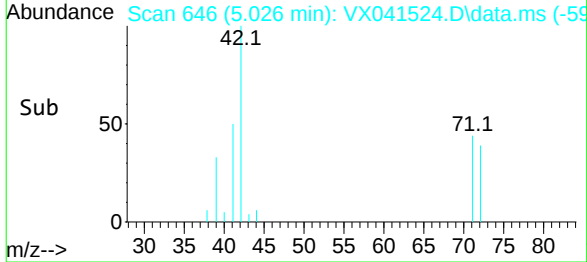
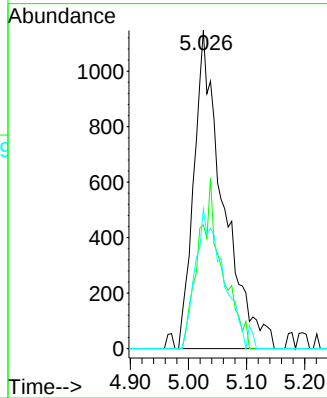
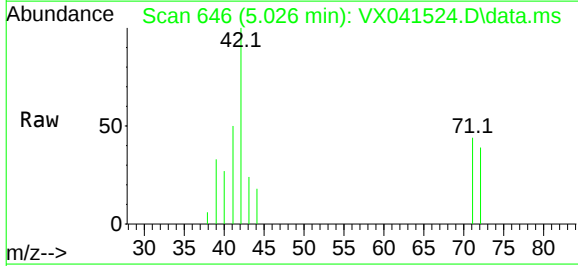
Tgt	Ion: 42	Resp: 3990
Ion	Ratio	Lower Upper
42	100	
72	43.1	34.2 51.4
71	40.9	32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#30

Chloroform

Concen: 1.106 ug/l

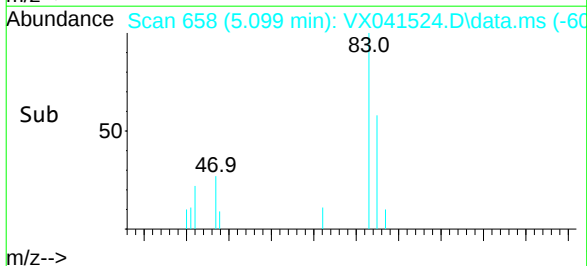
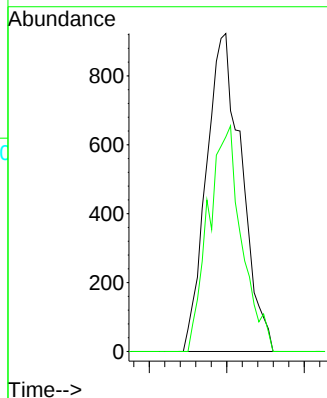
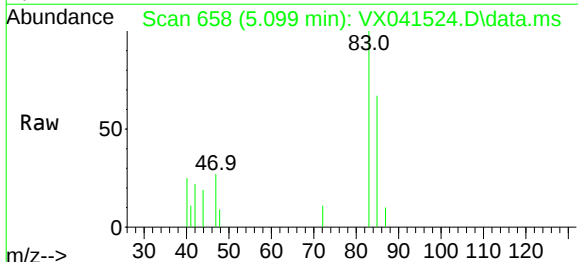
RT: 5.099 min Scan# 658

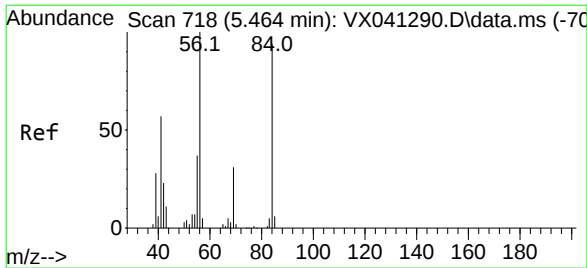
Delta R.T. 0.006 min

Lab File: VX041524.D

Acq: 14 May 2024 17:08

Tgt	Ion: 83	Resp: 2923
Ion	Ratio	Lower Upper
83	100	
85	67.5	50.3 75.5





#31

Cyclohexane

Concen: 1.101 ug/l

RT: 5.465 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX041524.D

Acq: 14 May 2024 17:08

Instrument :

MSVOA_X

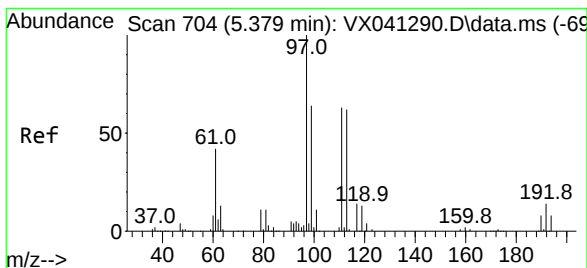
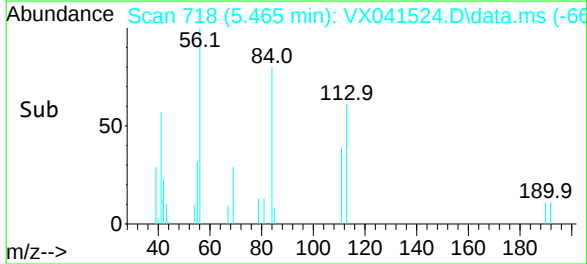
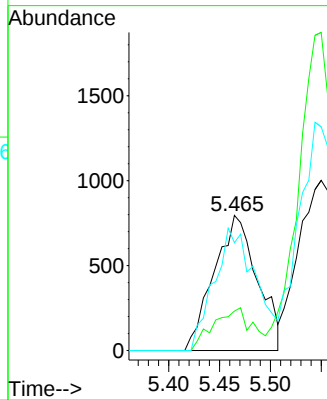
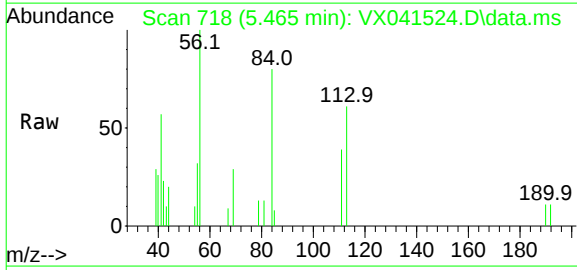
ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:	56	Resp:	2359
Ion	Ratio	Lower	Upper
56	100		
69	29.1	23.4	35.2
84	79.8	65.9	98.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#32

1,1,1-Trichloroethane

Concen: 1.016 ug/l

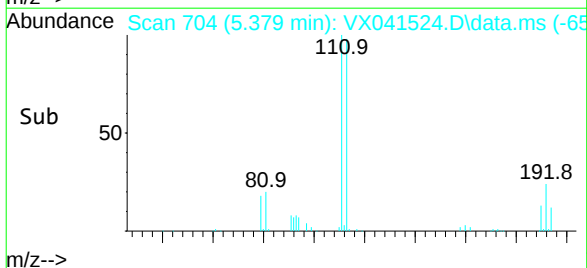
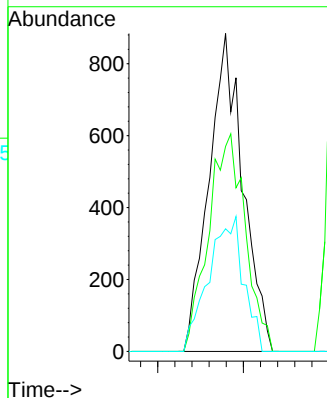
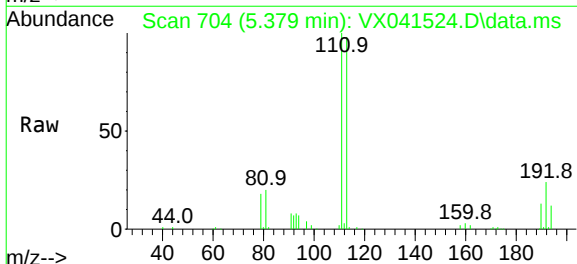
RT: 5.379 min Scan# 704

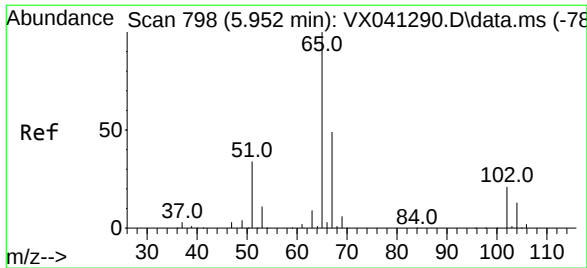
Delta R.T. 0.000 min

Lab File: VX041524.D

Acq: 14 May 2024 17:08

Tgt Ion:	97	Resp:	2443
Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.1	76.7#
61	43.6	36.4	54.6





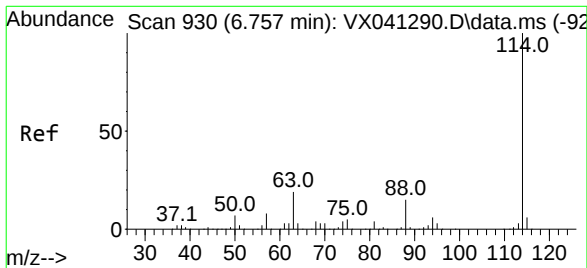
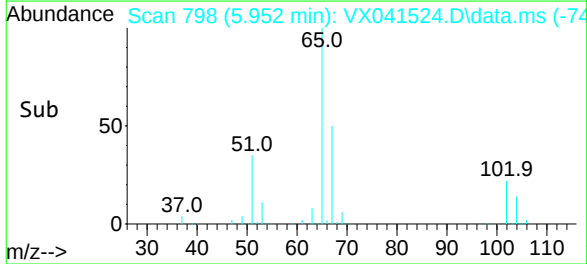
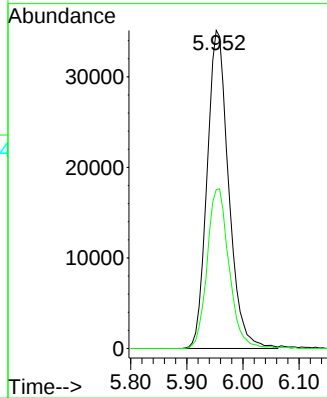
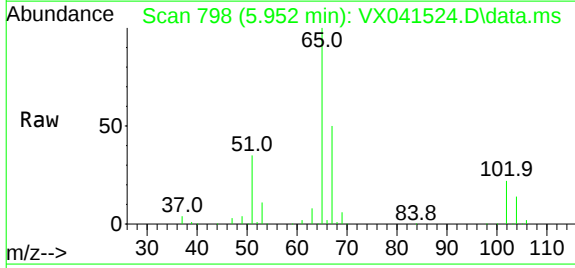
#33
1,2-Dichloroethane-d4
Concen: 52.866 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion: 65 Resp: 93818
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.2

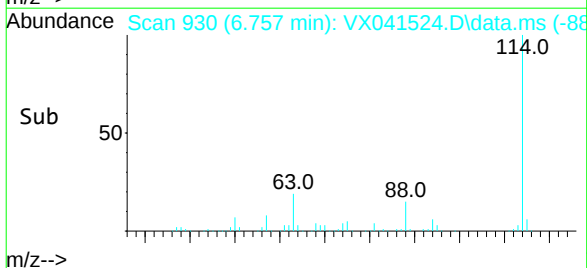
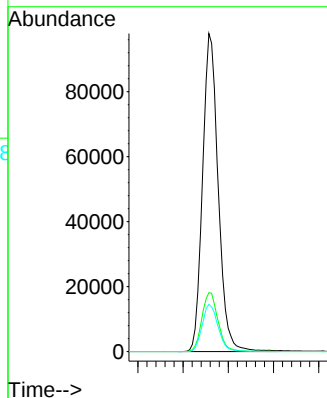
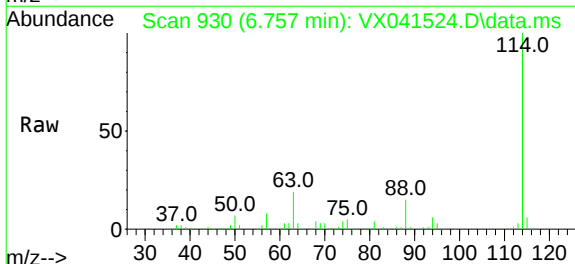
Manual Integrations
APPROVED

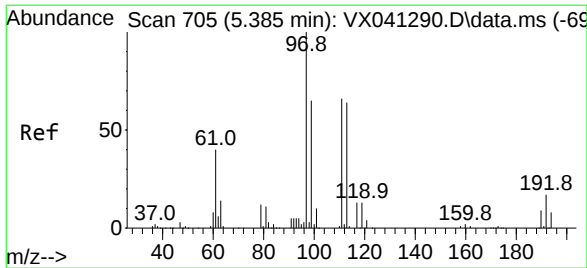
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

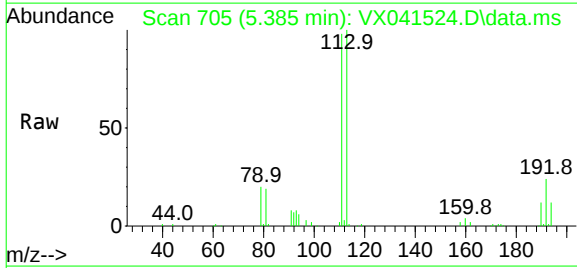
Tgt Ion:114 Resp: 235251
Ion Ratio Lower Upper
114 100
63 18.5 0.0 45.0
88 14.8 0.0 36.6





#35
Dibromofluoromethane
Concen: 45.303 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

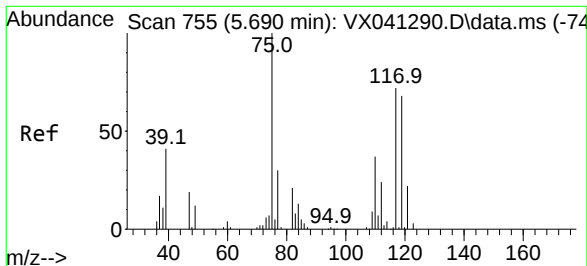
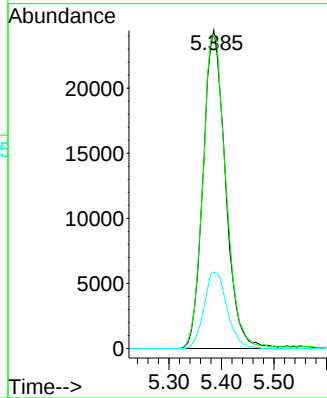
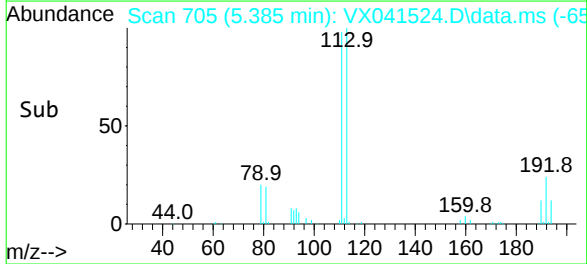
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:	113	Resp:	72223
Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.9	124.3
192	24.7	13.3	19.9

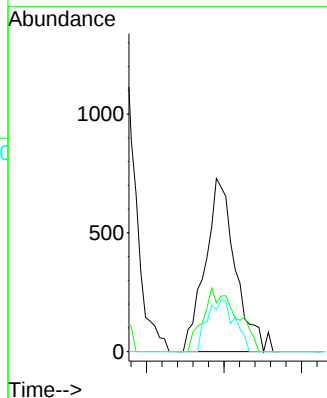
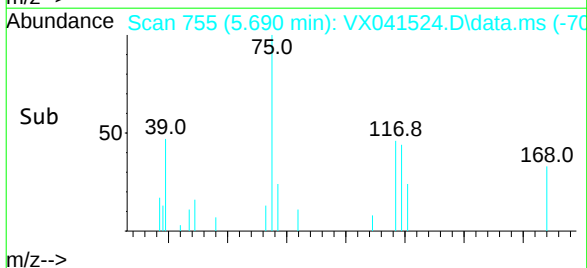
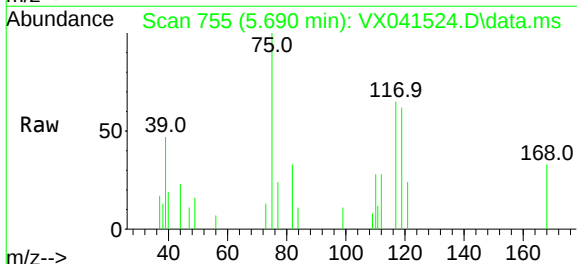
Manual Integrations
APPROVED

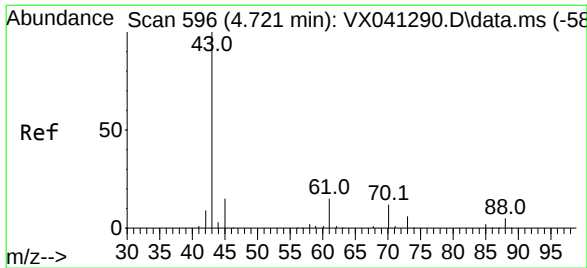
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#36
1,1-Dichloropropene
Concen: 1.038 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

Tgt Ion:	75	Resp:	1979
Ion	Ratio	Lower	Upper
75	100		
110	40.4	17.0	50.9
77	27.1	24.7	37.1





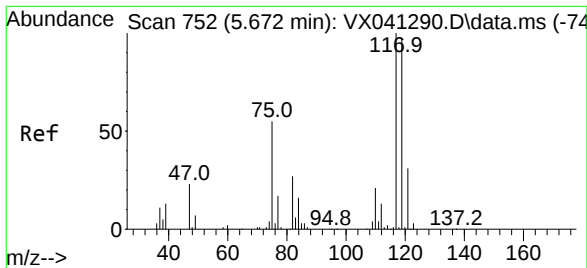
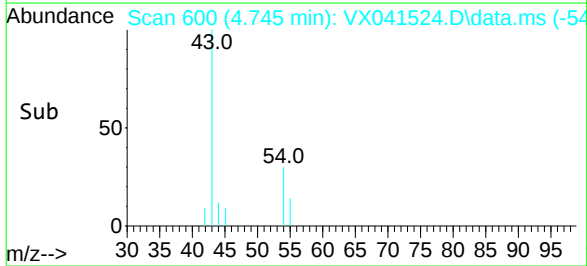
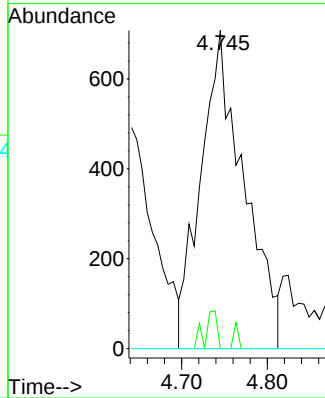
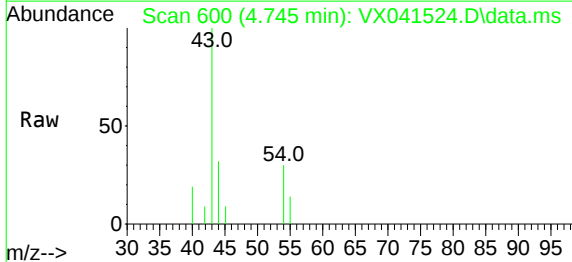
#37
Ethyl Acetate
Concen: 1.036 ug/l
RT: 4.745 min Scan# 600
Delta R.T. 0.025 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2024

Tgt Ion	Ratio	Lower	Upper
43	100		
61	3.3	10.6	16.0
70	0.0	8.3	12.5

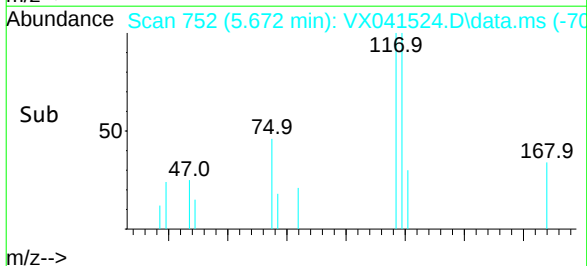
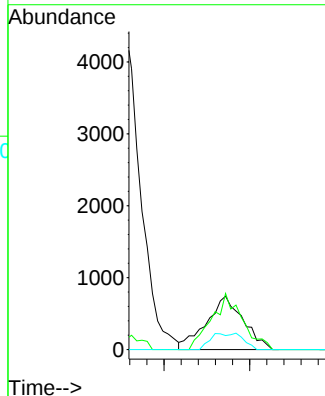
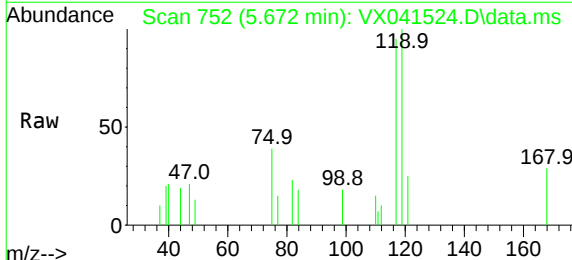
Manual Integrations
APPROVED

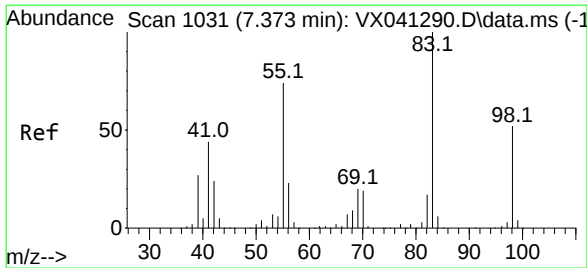
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#38
Carbon Tetrachloride
Concen: 1.010 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

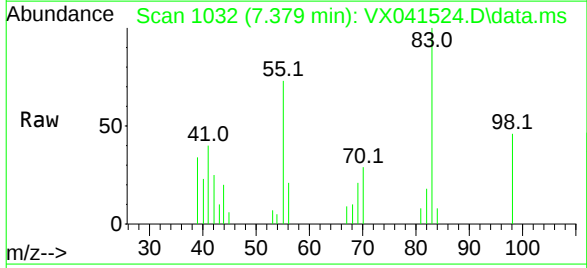
Tgt Ion	Ratio	Lower	Upper
117	100		
119	105.1	78.2	117.2
121	26.3	24.4	36.6





#39
Methylcyclohexane
Concen: 1.119 ug/l
RT: 7.379 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

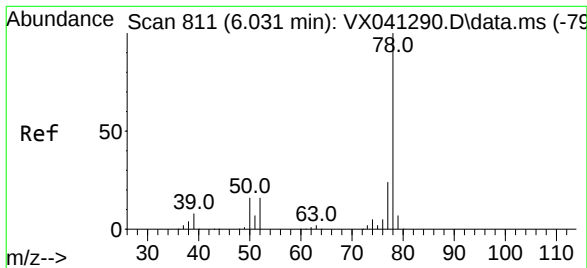
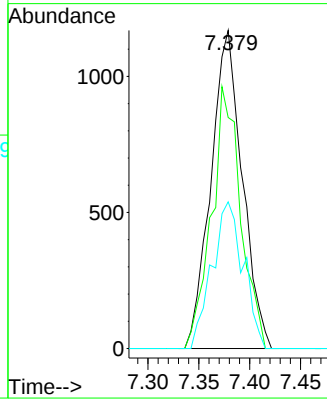
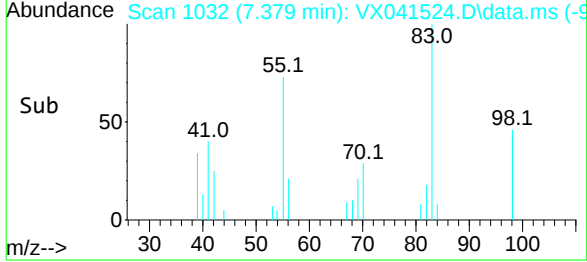
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2024



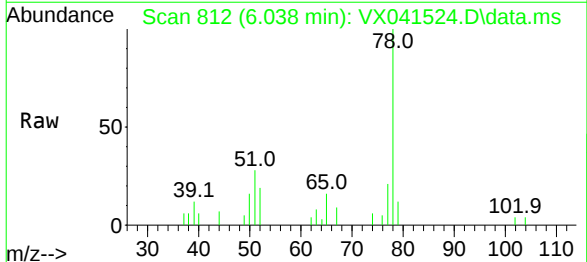
Tgt Ion: 83 Resp: 2505
Ion Ratio Lower Upper
83 100
55 72.6 64.6 97.0
98 46.1 36.7 55.1

Manual Integrations
APPROVED

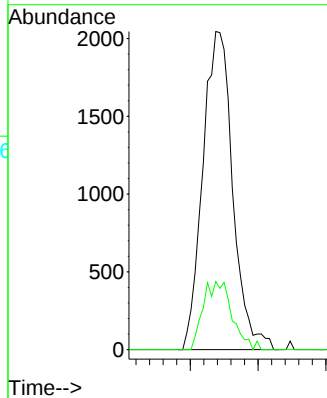
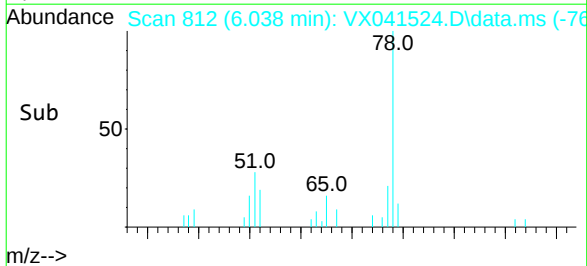
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

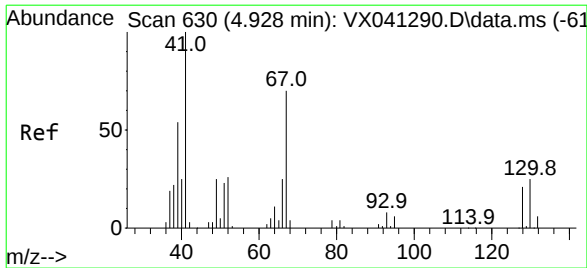


#40
Benzene
Concen: 1.067 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08



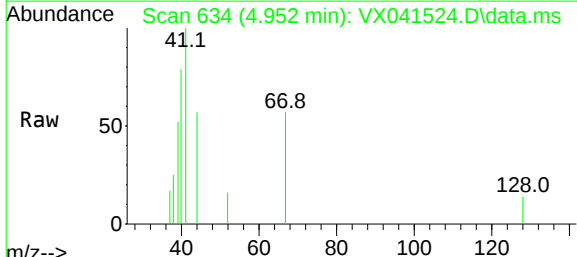
Tgt Ion: 78 Resp: 6271
Ion Ratio Lower Upper
78 100
77 21.4 19.3 28.9





#41
Methacrylonitrile
Concen: 0.787 ug/l m
RT: 4.952 min Scan# 63
Delta R.T. 0.025 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

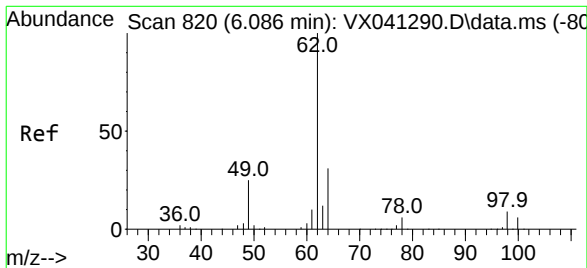
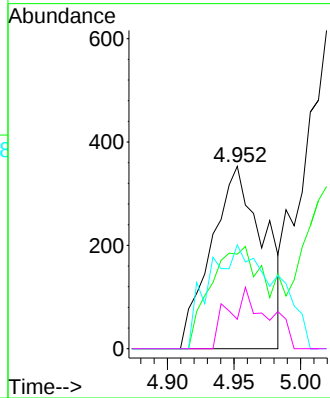
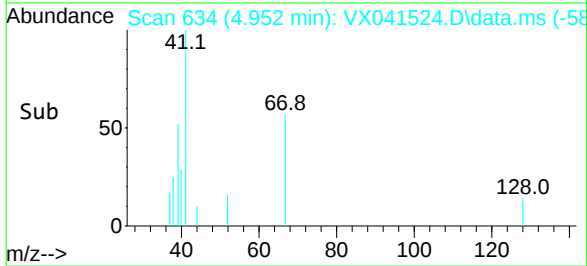
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:	41	Resp:	964
Ion	Ratio	Lower	Upper
41	100		
39	54.6	45.2	67.8
67	73.3	52.6	78.8
52	24.9	22.7	34.1

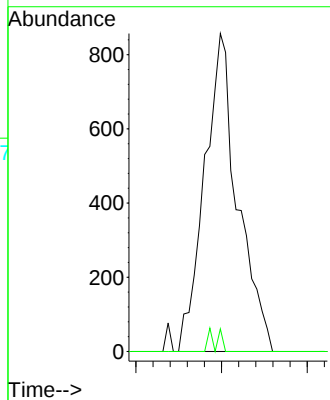
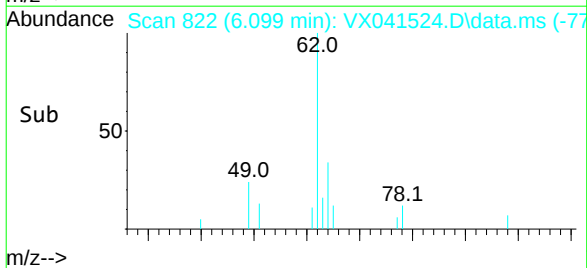
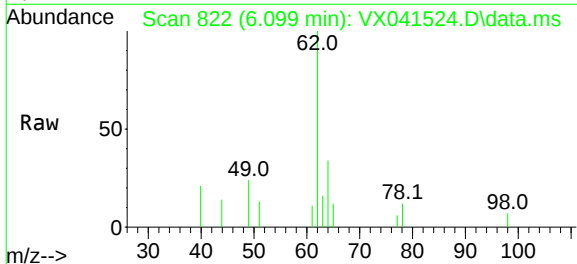
Manual Integrations
APPROVED

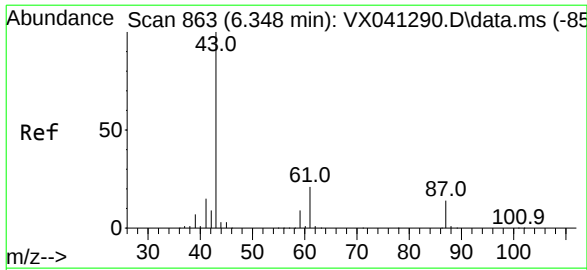
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#42
1,2-Dichloroethane
Concen: 1.071 ug/l
RT: 6.099 min Scan# 822
Delta R.T. 0.012 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

Tgt Ion:	62	Resp:	2306
Ion	Ratio	Lower	Upper
62	100		
98	2.0	0.0	16.0





#43

Isopropyl Acetate

Concen: 1.085 ug/l

RT: 6.355 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX041524.D

Acq: 14 May 2024 17:08

Instrument :

MSVOA_X

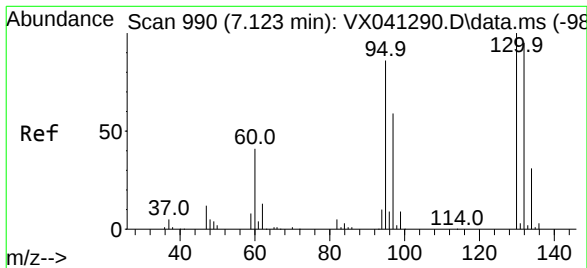
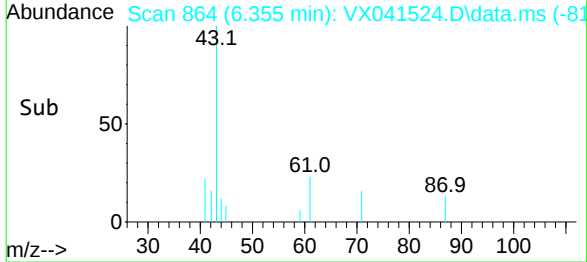
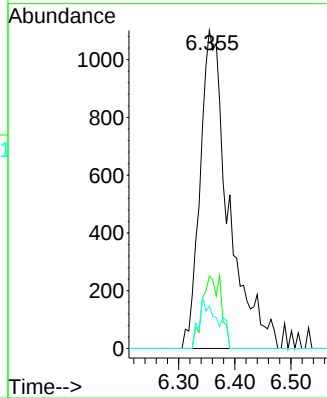
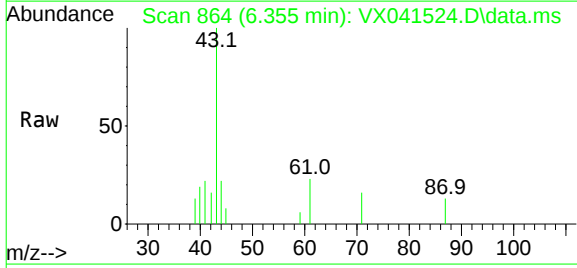
ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:	43	Resp:	3881
Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.2	22.8
87	10.5	9.8	14.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#44

Trichloroethene

Concen: 1.099 ug/l

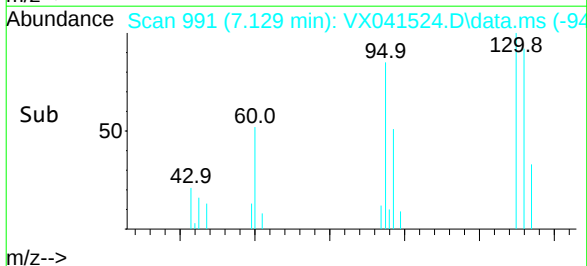
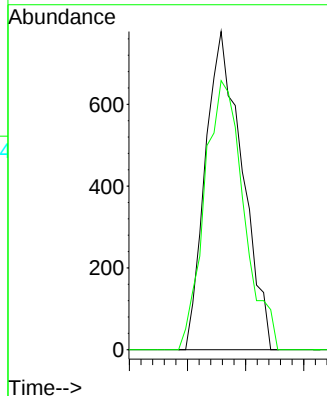
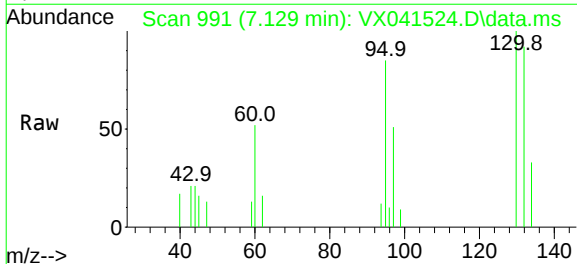
RT: 7.129 min Scan# 991

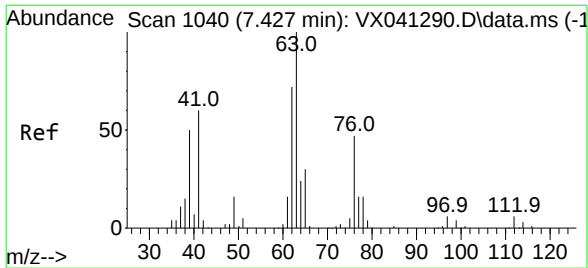
Delta R.T. 0.006 min

Lab File: VX041524.D

Acq: 14 May 2024 17:08

Tgt Ion:	130	Resp:	1705
Ion	Ratio	Lower	Upper
130	100		
95	84.6	0.0	204.4





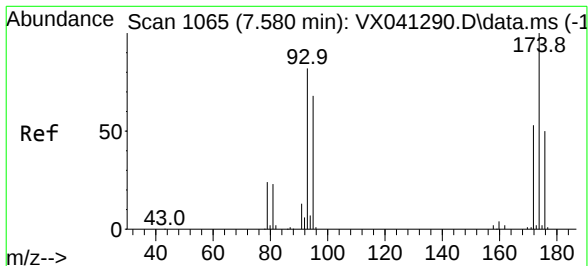
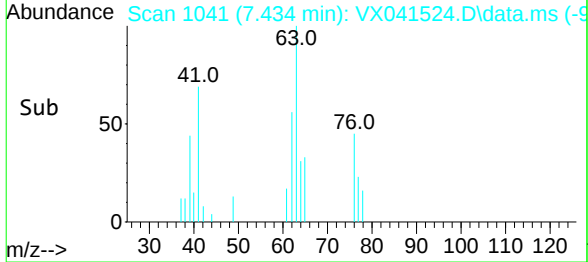
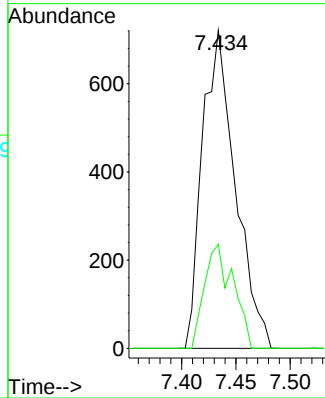
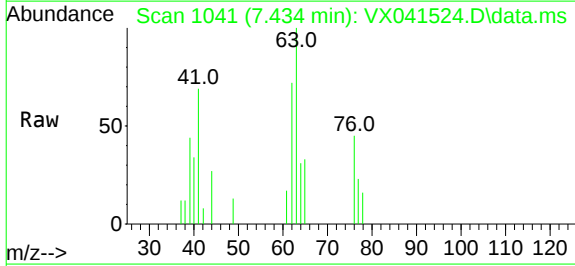
#45
1,2-Dichloropropane
Concen: 1.163 ug/l
RT: 7.434 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2024

Tgt Ion: 63 Resp: 1527
Ion Ratio Lower Upper
63 100
65 32.7 24.3 36.5

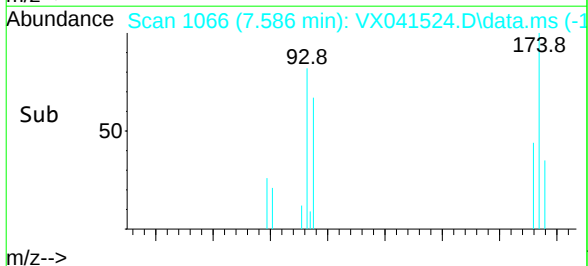
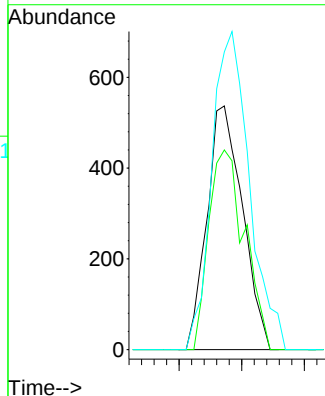
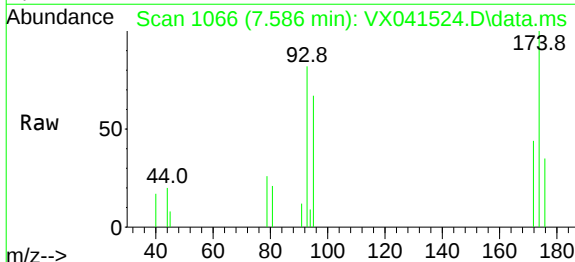
Manual Integrations
APPROVED

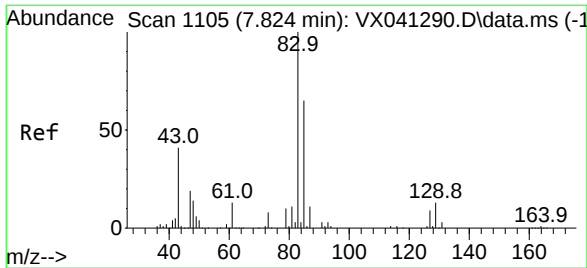
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#46
Dibromomethane
Concen: 1.012 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

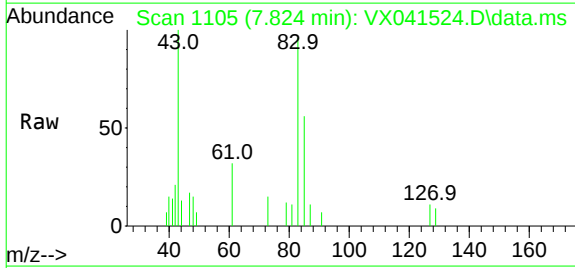
Tgt Ion: 93 Resp: 1058
Ion Ratio Lower Upper
93 100
95 82.9 66.6 100.0
174 138.1 69.4 104.0#





#47
Bromodichloromethane
Concen: 0.991 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

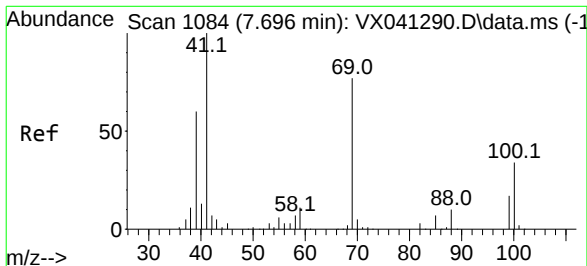
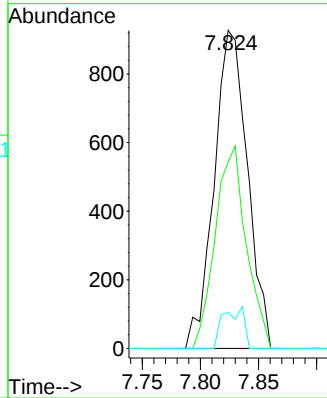
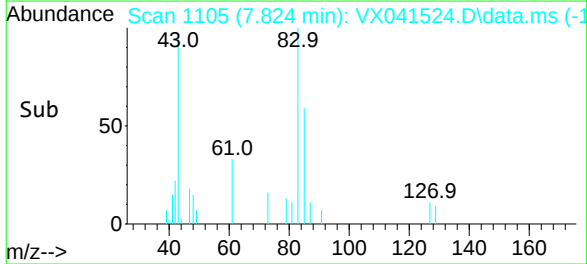
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2024



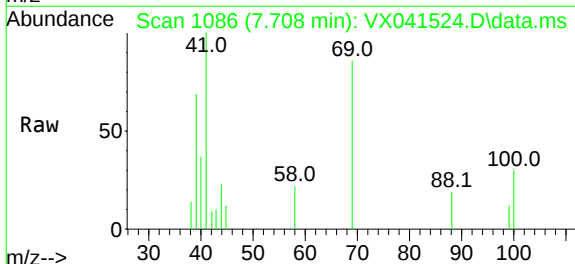
Tgt Ion: 83 Resp: 1846
Ion Ratio Lower Upper
83 100
85 58.7 49.8 74.6
127 11.3 7.1 10.7#

Manual Integrations
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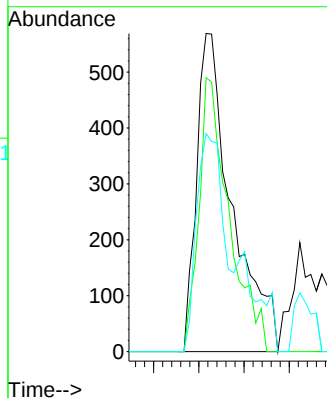
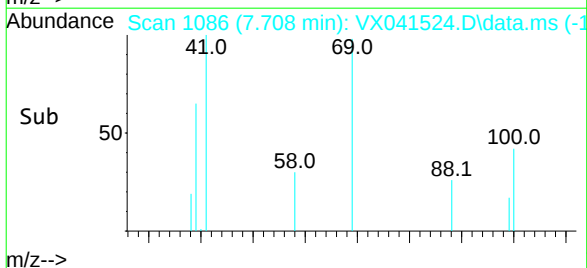
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

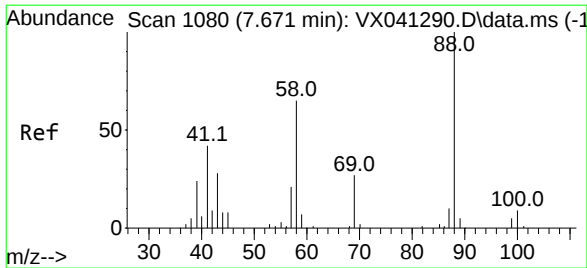


#48
Methyl methacrylate
Concen: 0.942 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.012 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08



Tgt Ion: 41 Resp: 1544
Ion Ratio Lower Upper
41 100
69 73.6 59.2 88.8
39 53.8 47.7 71.5





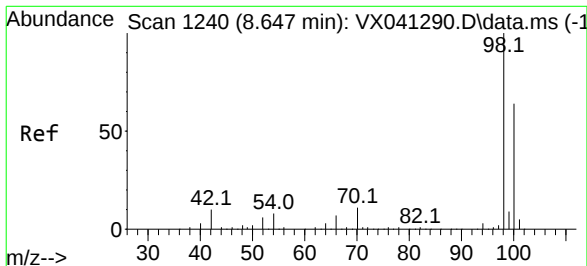
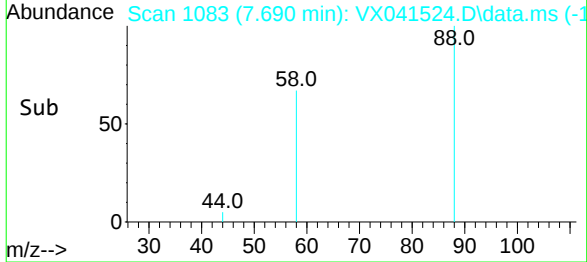
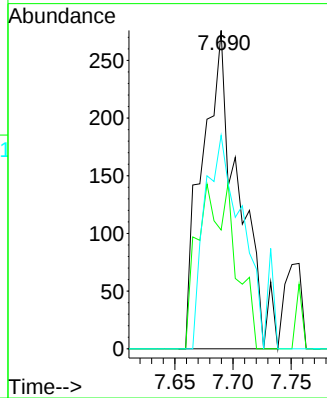
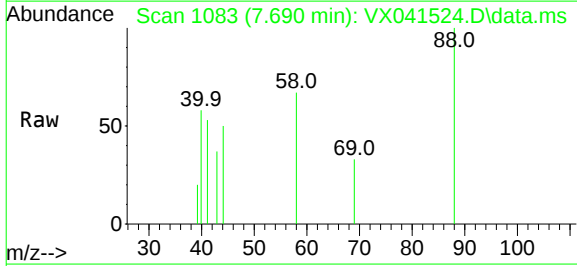
#49
1,4-Dioxane
Concen: 16.900 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.018 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion: 88 Resp: 599
Ion Ratio Lower Upper
88 100
43 53.3 0.0 0.0#
58 67.4 60.1 90.1

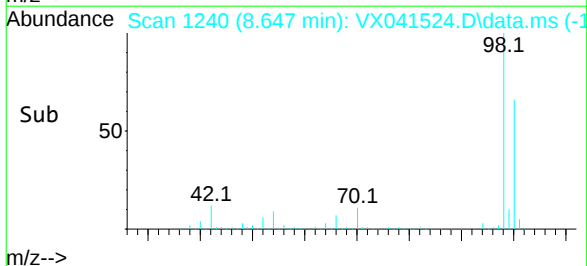
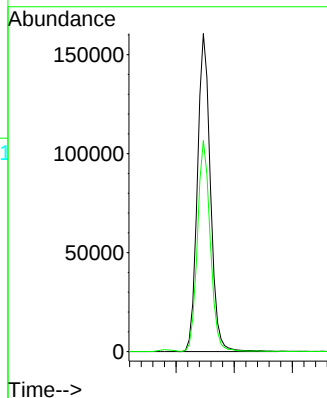
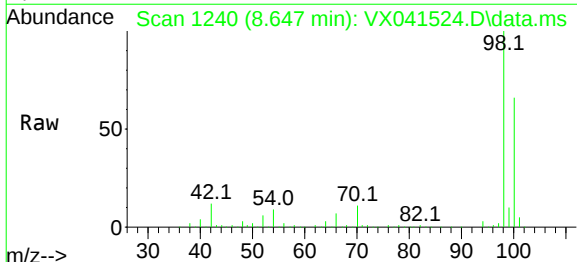
Manual Integrations
APPROVED

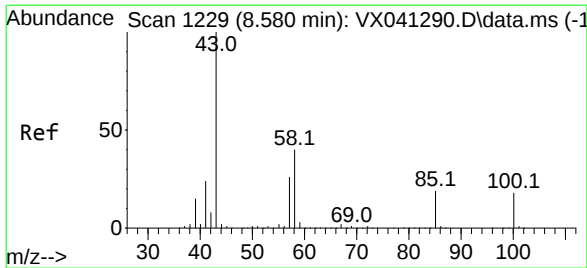
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#50
Toluene-d8
Concen: 49.454 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

Tgt Ion: 98 Resp: 249536
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7





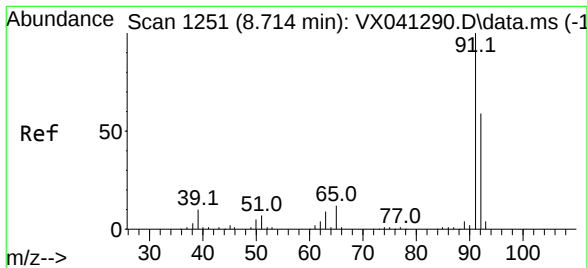
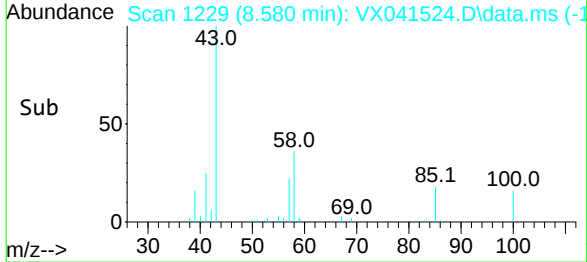
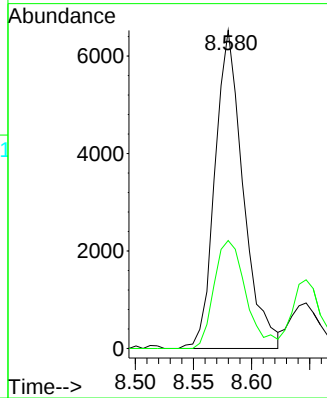
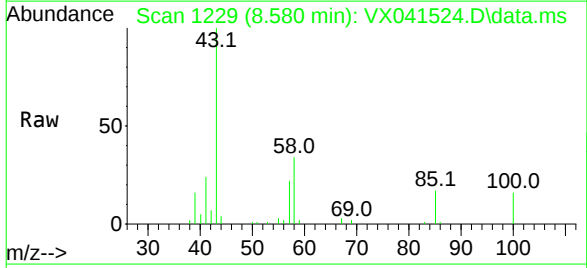
#51
4-Methyl-2-Pentanone
Concen: 5.145 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion: 43 Resp: 11041
Ion Ratio Lower Upper
43 100
58 38.4 30.4 45.6

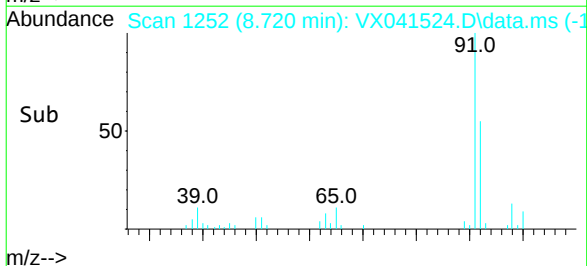
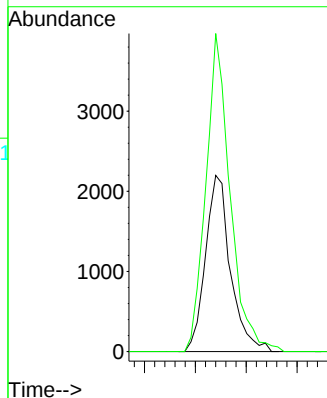
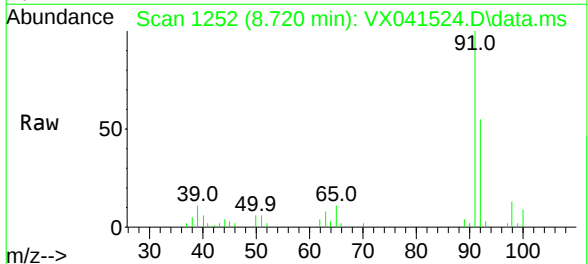
Manual Integrations
APPROVED

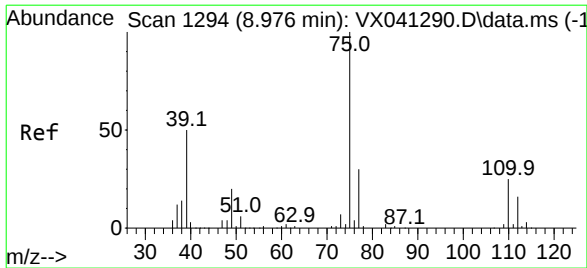
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#52
Toluene
Concen: 1.042 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

Tgt Ion: 92 Resp: 3747
Ion Ratio Lower Upper
92 100
91 175.2 134.2 201.2





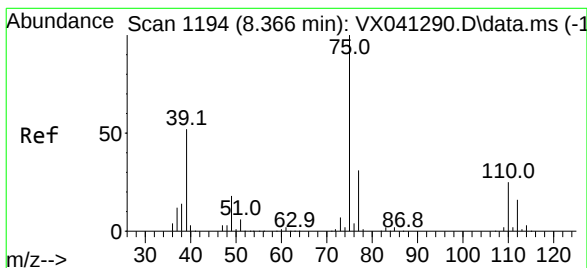
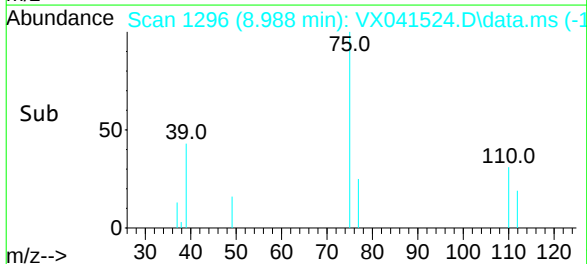
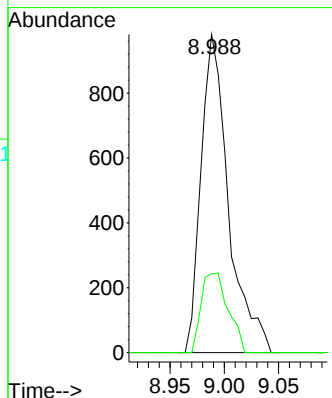
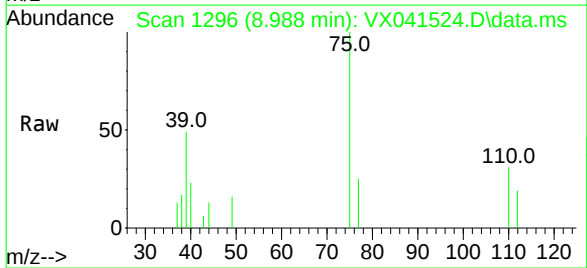
#53
t-1,3-Dichloropropene
Concen: 0.937 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.012 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2024

Tgt Ion: 75 Resp: 1730
Ion Ratio Lower Upper
75 100
77 24.8 25.7 38.5#

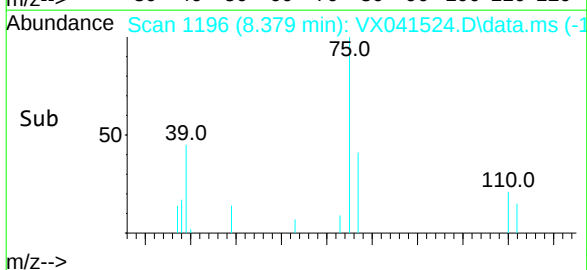
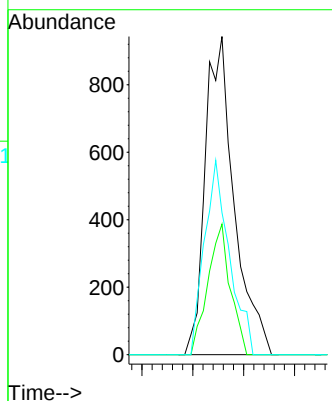
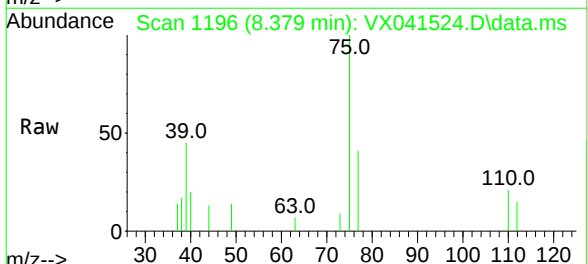
Manual Integrations
APPROVED

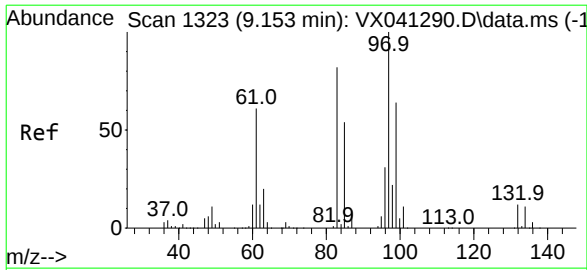
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#54
cis-1,3-Dichloropropene
Concen: 0.911 ug/l
RT: 8.379 min Scan# 1196
Delta R.T. 0.013 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

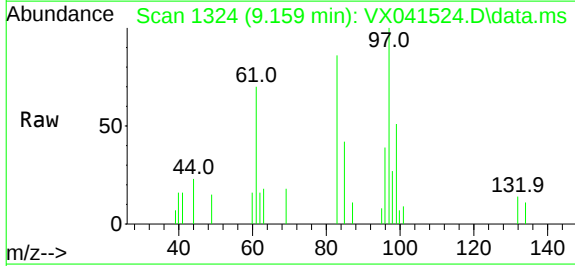
Tgt Ion: 75 Resp: 1865
Ion Ratio Lower Upper
75 100
77 41.0 25.3 37.9#
39 44.6 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 1.108 ug/l
RT: 9.159 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

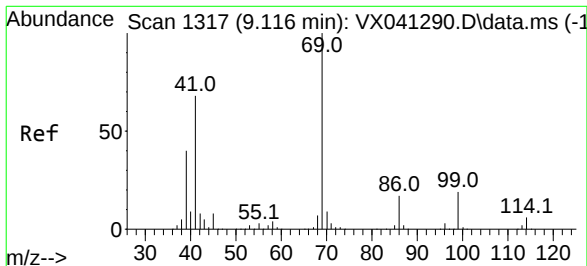
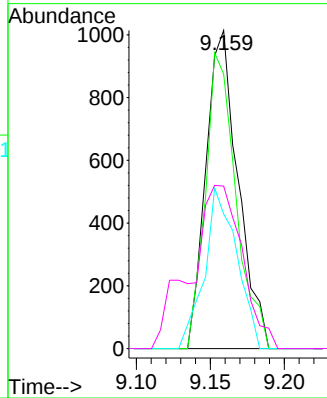
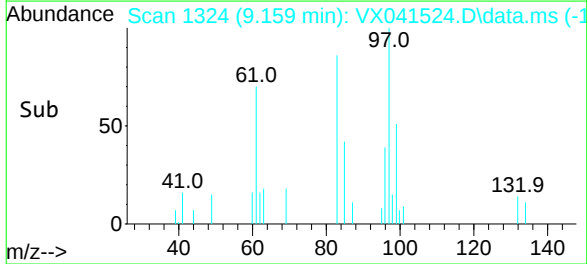
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.3	65.8	98.8
85	42.3	41.6	62.4
99	51.1	47.8	71.8

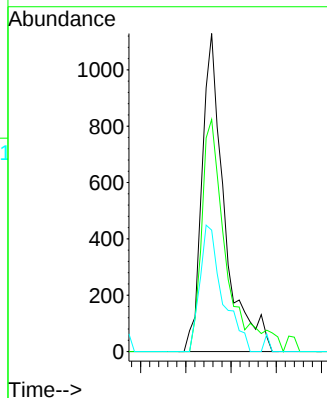
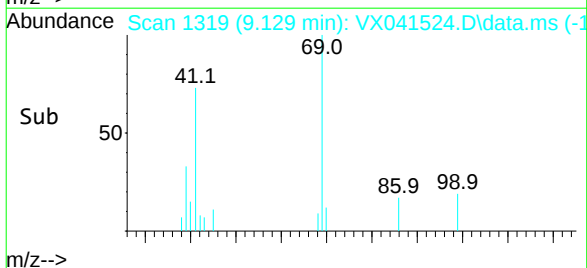
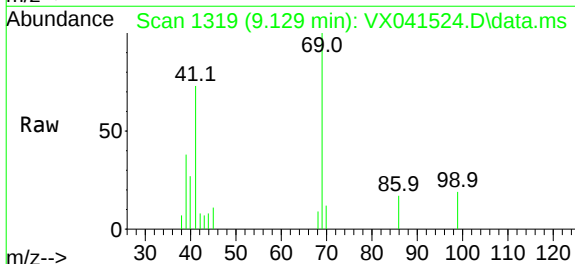
Manual Integrations
APPROVED

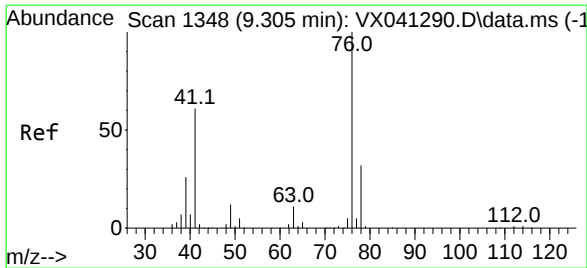
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#56
Ethyl methacrylate
Concen: 0.914 ug/l
RT: 9.129 min Scan# 1319
Delta R.T. 0.012 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

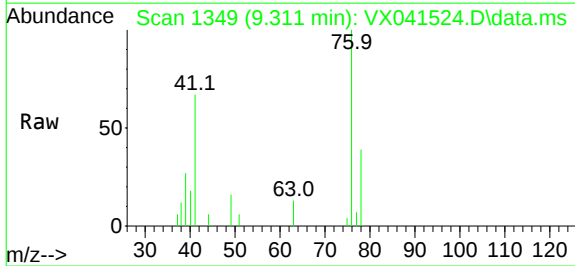
Tgt Ion	Ratio	Lower	Upper
69	100		
41	78.6	56.8	85.2
39	40.0	32.0	48.0





#57
1,3-Dichloropropane
Concen: 1.092 ug/l
RT: 9.311 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

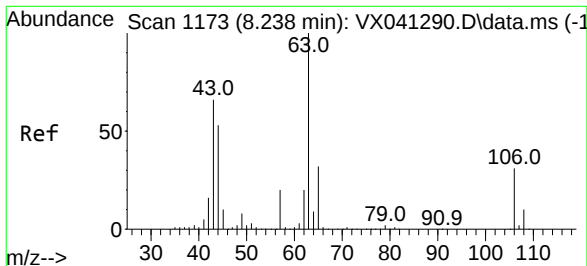
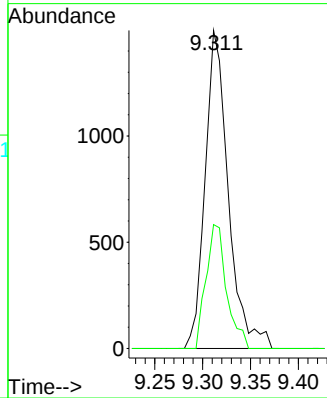
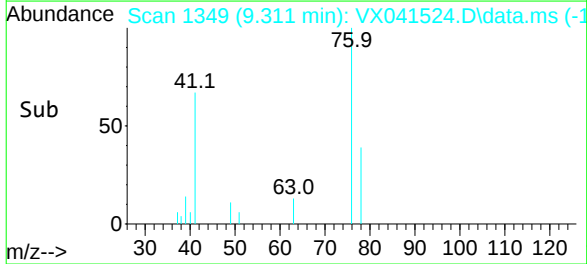
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 76 Resp: 2522
Ion Ratio Lower Upper
76 100
78 34.5 26.1 39.1

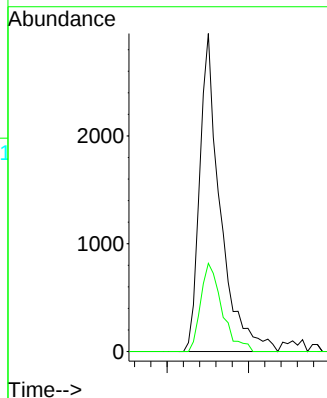
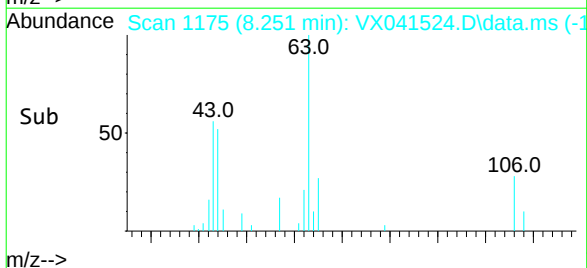
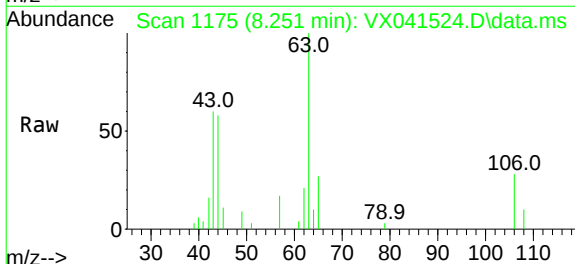
Manual Integrations
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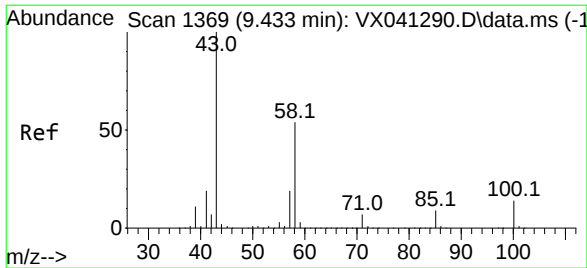
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#58
2-Chloroethyl Vinyl ether
Concen: 4.985 ug/l
RT: 8.251 min Scan# 1175
Delta R.T. 0.013 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

Tgt Ion: 63 Resp: 5179
Ion Ratio Lower Upper
63 100
106 28.7 22.5 33.7





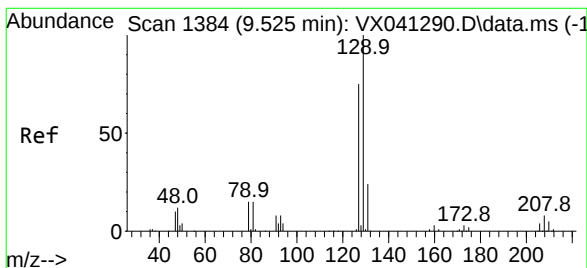
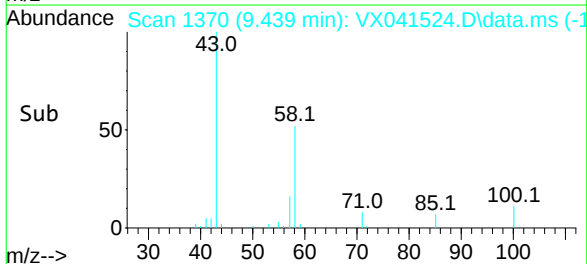
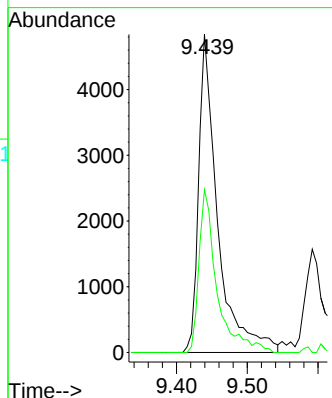
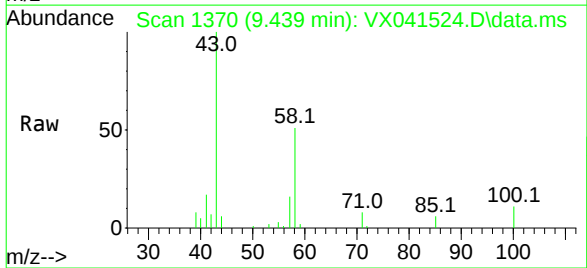
#59
2-Hexanone
Concen: 5.243 ug/l
RT: 9.439 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2024

Tgt Ion: 43 Resp: 8997
Ion Ratio Lower Upper
43 100
58 48.8 26.2 78.5

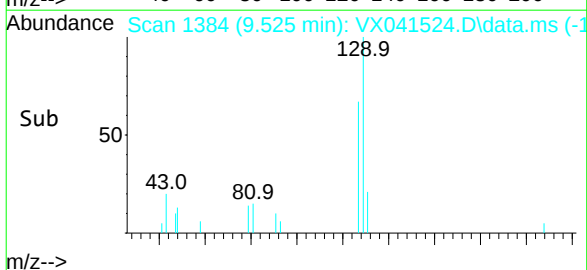
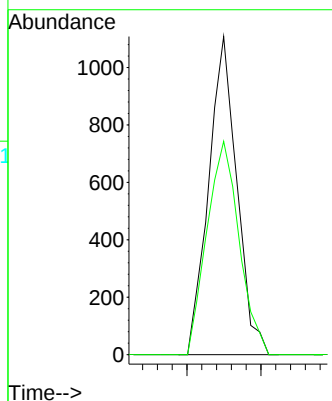
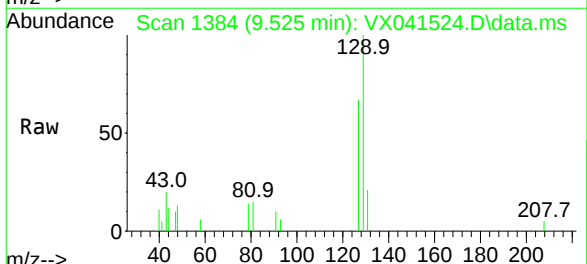
Manual Integrations
APPROVED

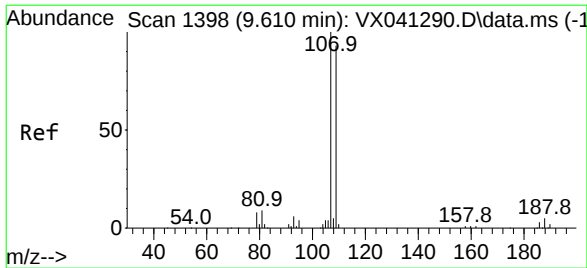
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#60
Dibromochloromethane
Concen: 0.901 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

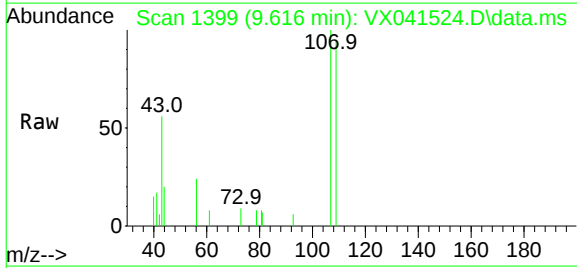
Tgt Ion:129 Resp: 1469
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 1.000 ug/l
RT: 9.616 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

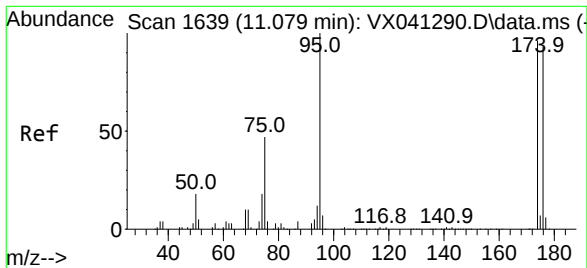
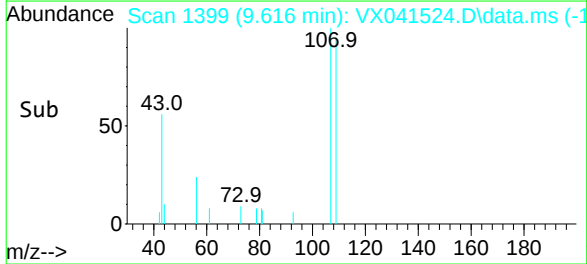
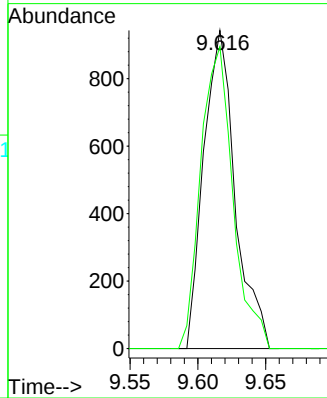
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2024



Tgt Ion: 107 Resp: 1523
Ion Ratio Lower Upper
107 100
109 97.2 75.2 112.8

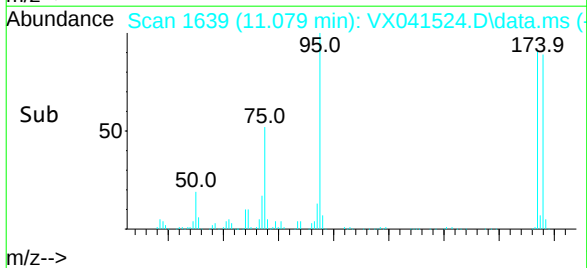
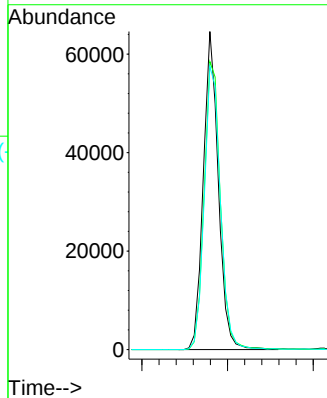
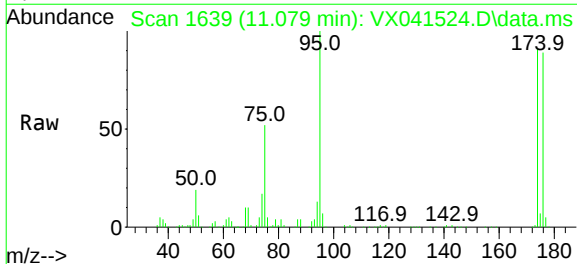
Manual Integrations
APPROVED

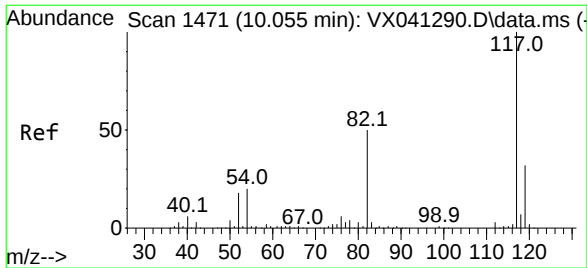
Reviewed By : John Carlone 05/15/2024
Supervised By : Mahesh Dadoda 05/15/2024



#62
4-Bromofluorobenzene
Concen: 40.294 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

Tgt Ion: 95 Resp: 78705
Ion Ratio Lower Upper
95 100
174 97.9 0.0 135.6
176 95.6 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX041524.D

Acq: 14 May 2024 17:08

Instrument :

MSVOA_X

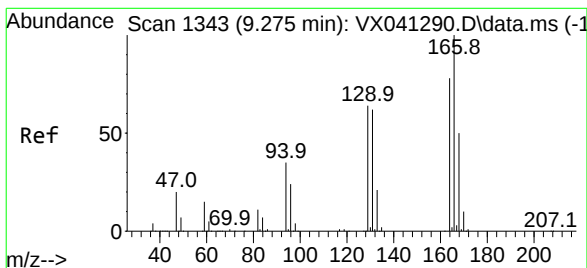
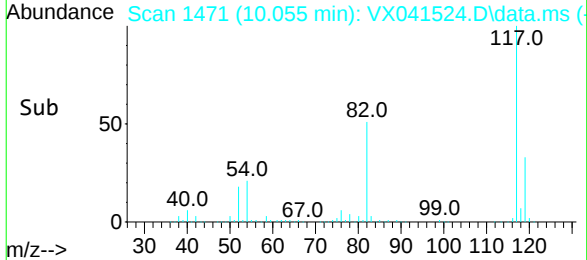
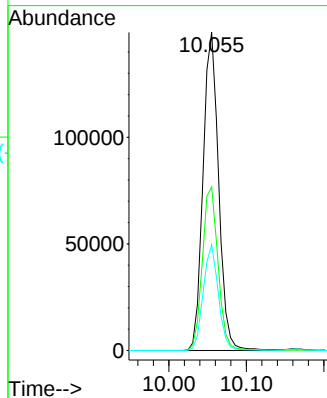
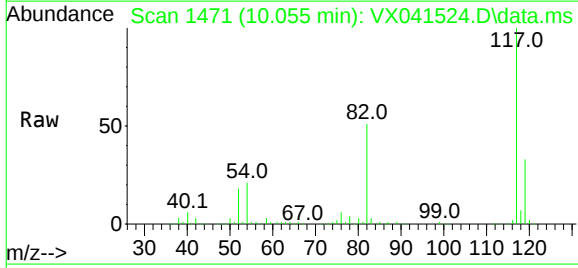
ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:	117	Resp:	208721
Ion	Ratio	Lower	Upper
117	100		
82	51.4	46.2	69.4
119	33.3	25.5	38.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#64

Tetrachloroethene

Concen: 1.157 ug/l

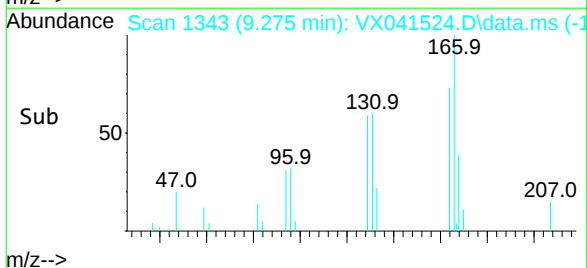
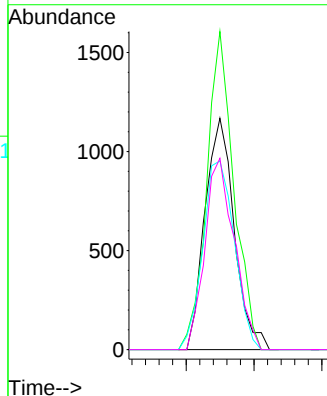
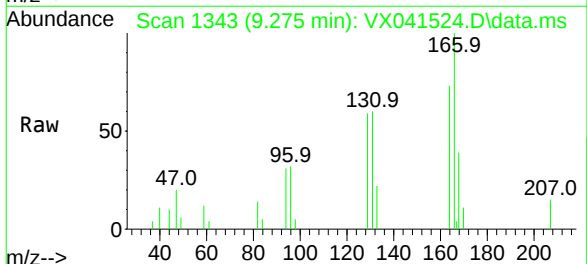
RT: 9.275 min Scan# 1343

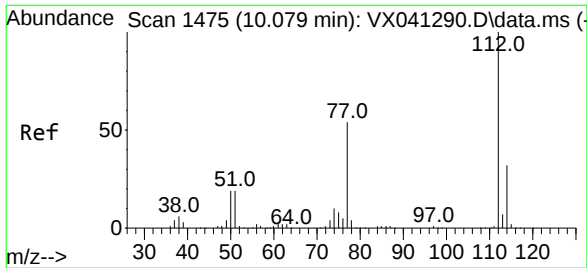
Delta R.T. 0.000 min

Lab File: VX041524.D

Acq: 14 May 2024 17:08

Tgt Ion:	164	Resp:	1749
Ion	Ratio	Lower	Upper
164	100		
166	137.5	102.7	154.1
129	81.6	80.4	120.6
131	82.7	76.5	114.7





#65

Chlorobenzene

Concen: 1.087 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX041524.D

Acq: 14 May 2024 17:08

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:112 Resp: 4604

Ion Ratio Lower Upper

112 100

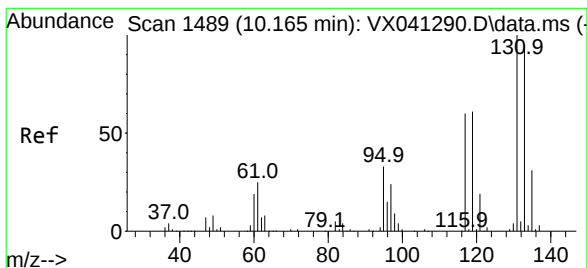
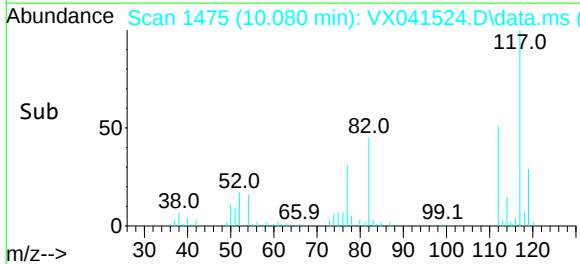
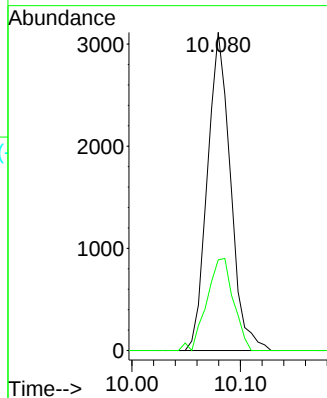
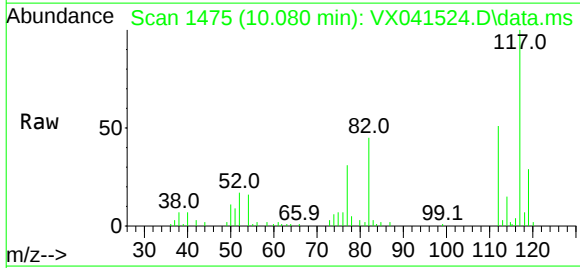
114 28.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 0.981 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.006 min

Lab File: VX041524.D

Acq: 14 May 2024 17:08

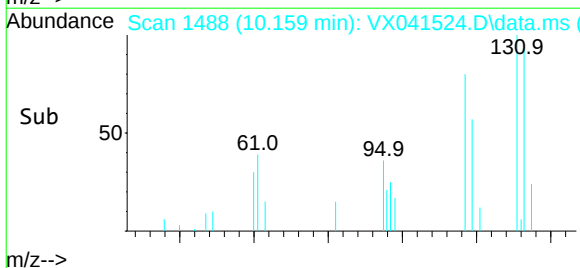
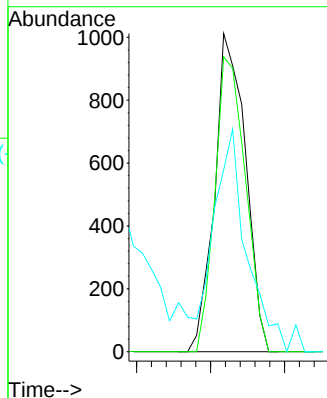
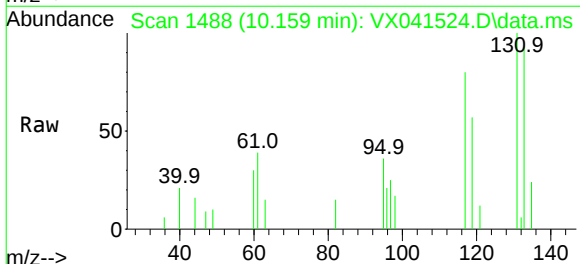
Tgt Ion:131 Resp: 1469

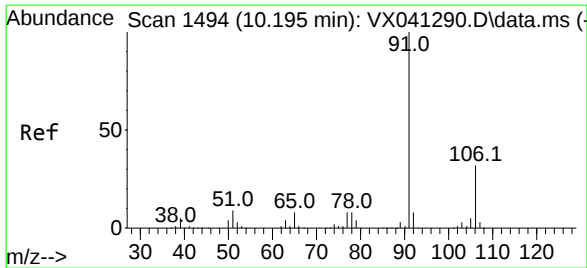
Ion Ratio Lower Upper

131 100

133 91.5 47.1 141.4

119 0.0 32.2 96.6#





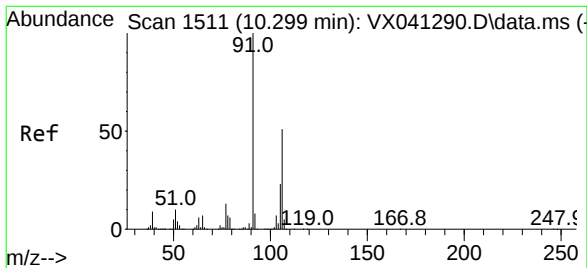
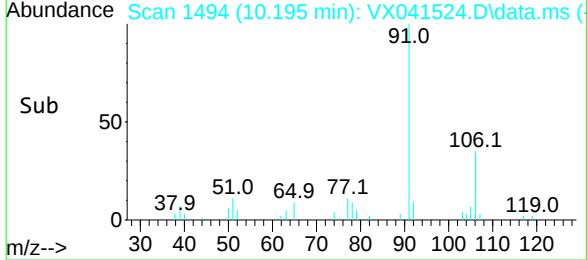
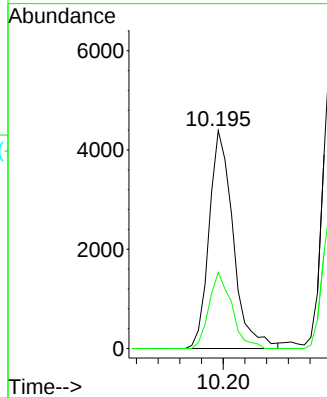
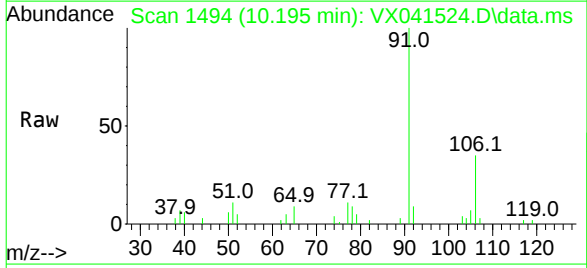
#67
Ethyl Benzene
Concen: 0.968 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2024

Tgt Ion: 91 Resp: 6764
Ion Ratio Lower Upper
91 100
106 34.9 24.9 37.3

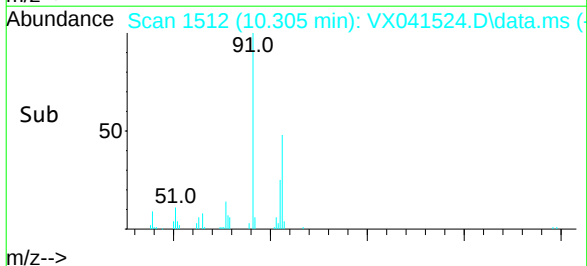
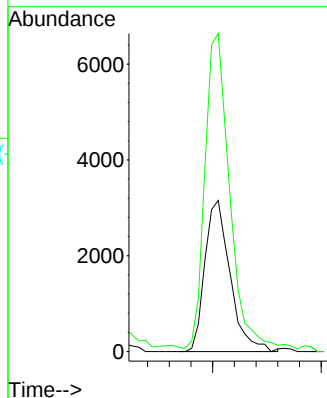
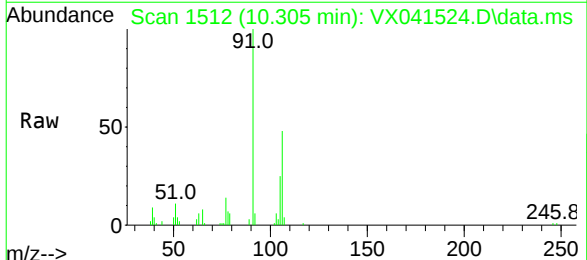
Manual Integrations
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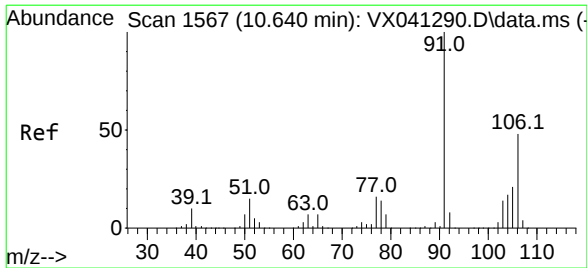
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#68
m/p-Xylenes
Concen: 1.829 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

Tgt Ion:106 Resp: 5120
Ion Ratio Lower Upper
106 100
91 205.1 165.5 248.3





#69

o-Xylene

Concen: 0.979 ug/l

RT: 10.640 min Scan# 15

Delta R.T. 0.000 min

Lab File: VX041524.D

Acq: 14 May 2024 17:08

Instrument :

MSVOA_X

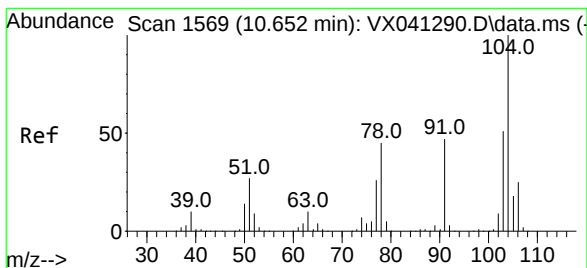
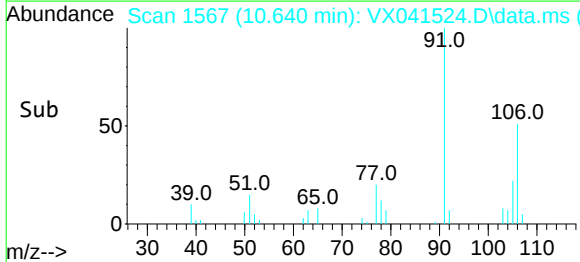
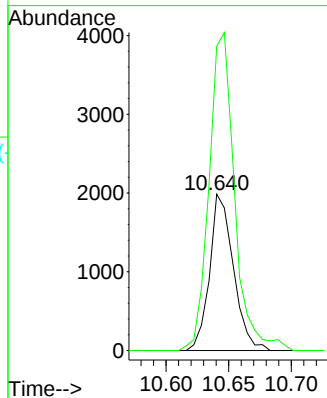
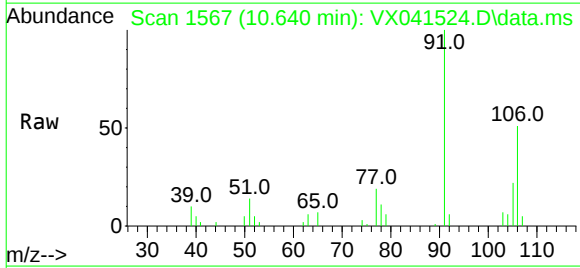
ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:106 Resp: 2624
 Ion Ratio Lower Upper
 106 100
 91 218.6 108.9 326.8

Manual Integrations
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Reviewed By :John Carlone 05/15/2024
 Supervised By :Mahesh Dadoda 05/15/2024



#70

Styrene

Concen: 0.917 ug/l

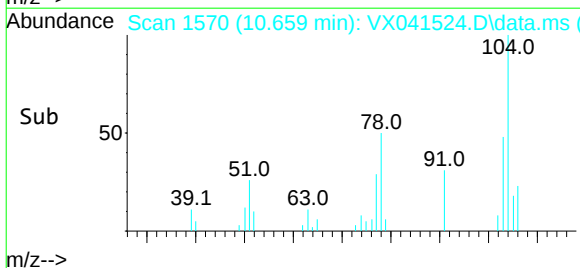
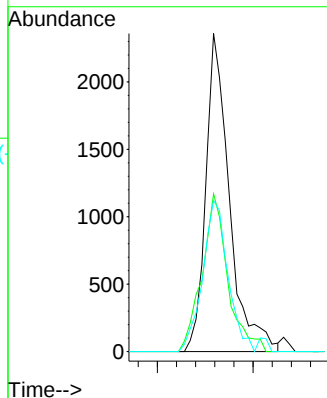
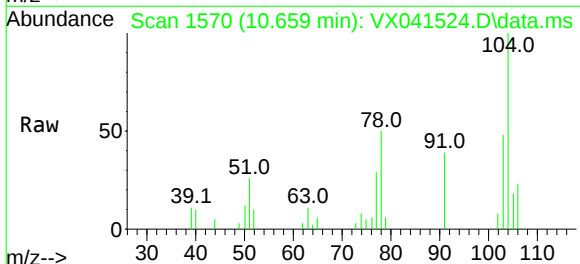
RT: 10.659 min Scan# 1570

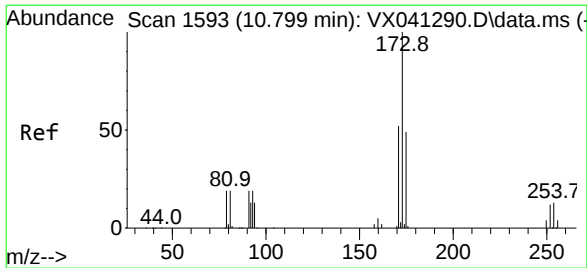
Delta R.T. 0.006 min

Lab File: VX041524.D

Acq: 14 May 2024 17:08

Tgt Ion:104 Resp: 4035
 Ion Ratio Lower Upper
 104 100
 78 54.1 43.6 65.4
 103 50.8 43.6 65.4





#71

Bromoform

Concen: 0.911 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX041524.D

Acq: 14 May 2024 17:08

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

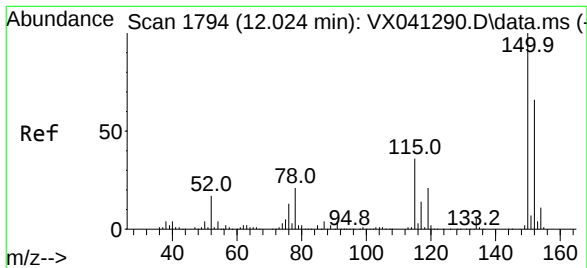
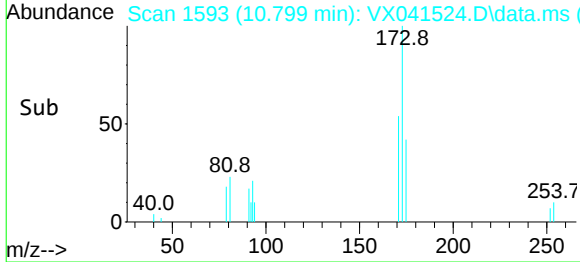
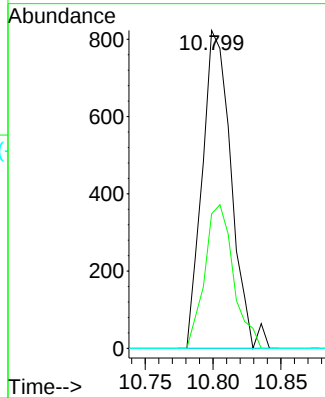
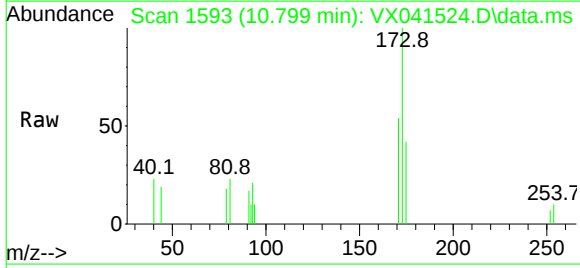
Tgt Ion:	173	Resp:	1220
Ion Ratio	Lower	Upper	
173	100		
175	44.9	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

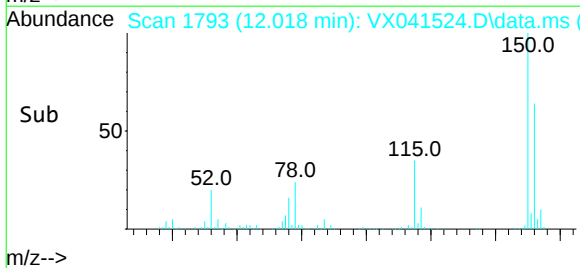
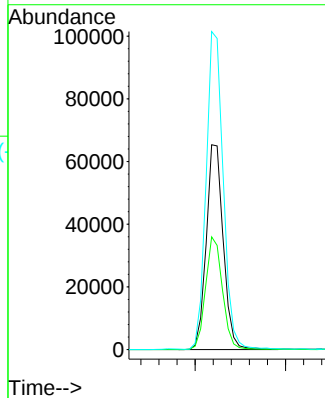
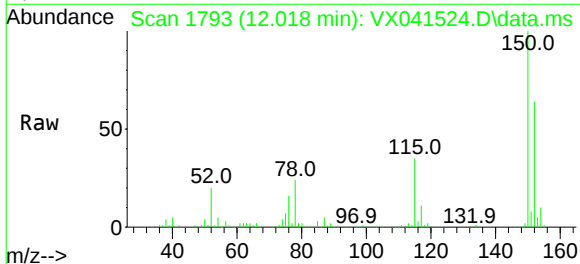
RT: 12.018 min Scan# 1793

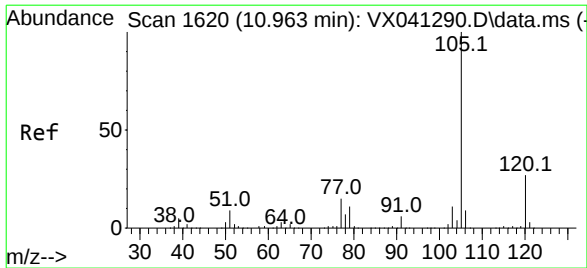
Delta R.T. -0.006 min

Lab File: VX041524.D

Acq: 14 May 2024 17:08

Tgt Ion:	152	Resp:	85615
Ion Ratio	Lower	Upper	
152	100		
115	54.5	43.3	129.9
150	155.6	0.0	345.0





#73

Isopropylbenzene

Concen: 1.216 ug/l

RT: 10.964 min Scan# 1601

Delta R.T. 0.000 min

Lab File: VX041524.D

Acq: 14 May 2024 17:08

Instrument :

MSVOA_X

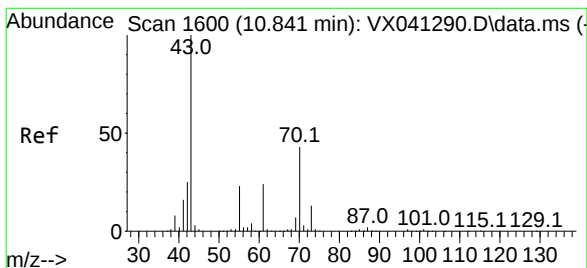
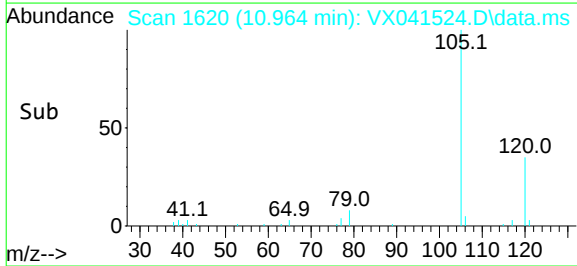
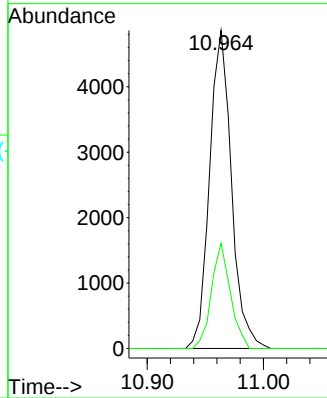
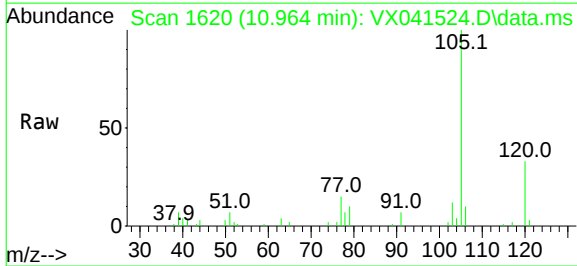
ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion: 105 Resp: 6356
 Ion Ratio Lower Upper
 105 100
 120 28.7 12.9 38.6

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/15/2024
 Supervised By :Mahesh Dadoda 05/15/2024



#74

N-ethyl acetate

Concen: 1.239 ug/l

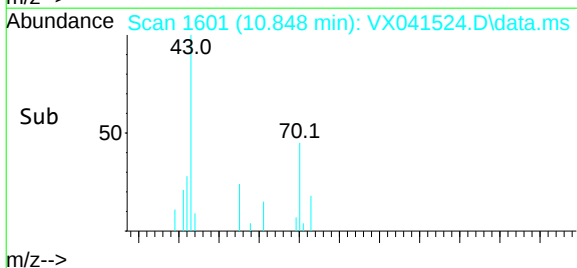
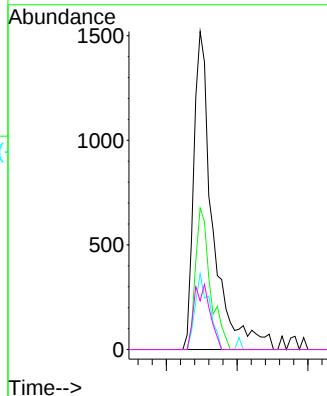
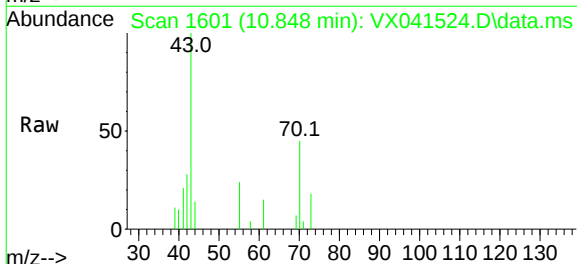
RT: 10.848 min Scan# 1601

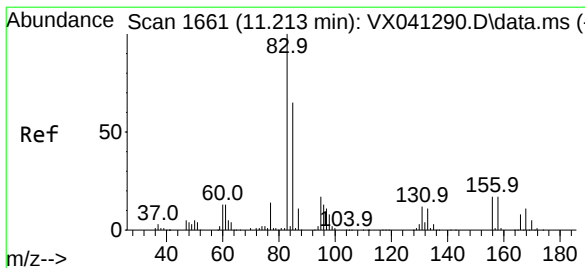
Delta R.T. 0.006 min

Lab File: VX041524.D

Acq: 14 May 2024 17:08

Tgt Ion: 43 Resp: 2830
 Ion Ratio Lower Upper
 43 100
 70 34.8 32.9 49.3
 55 18.0 19.3 28.9#
 61 17.3 18.8 28.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.235 ug/l

RT: 11.214 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX041524.D

Acq: 14 May 2024 17:08

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

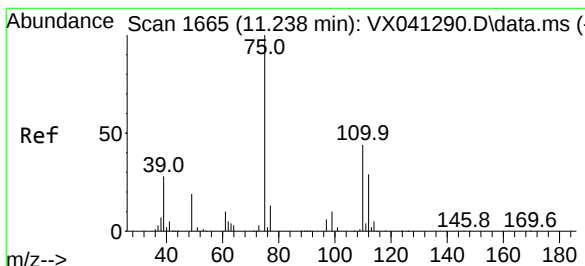
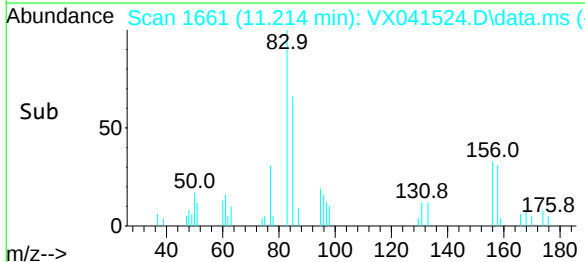
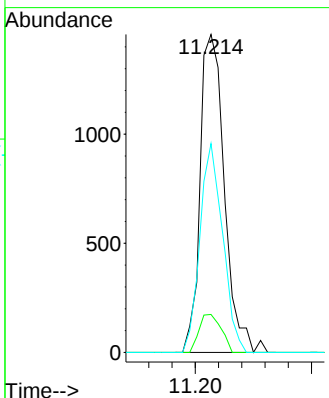
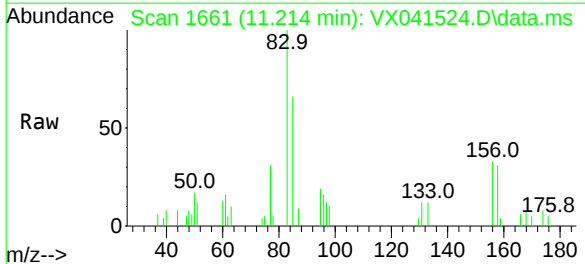
Tgt Ion: 83	Resp: 2115
Ion Ratio	Lower Upper
83 100	
131 10.9	5.3 15.8
85 61.6	32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#76

1,2,3-Trichloropropane

Concen: 1.198 ug/l m

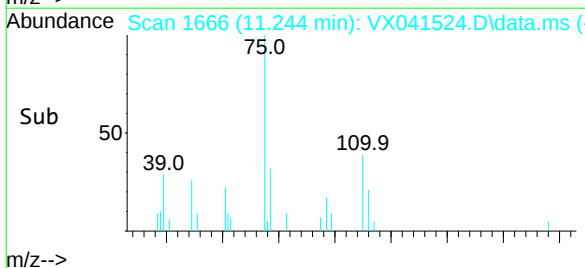
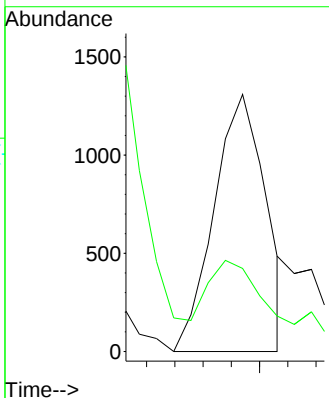
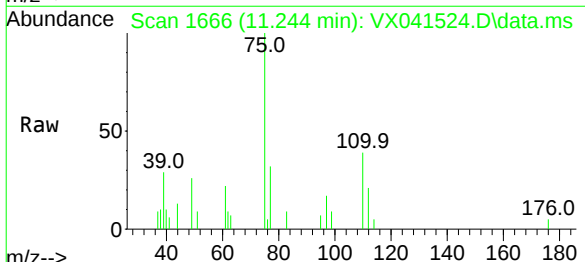
RT: 11.244 min Scan# 1666

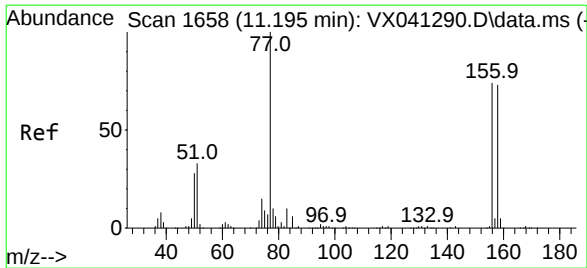
Delta R.T. 0.006 min

Lab File: VX041524.D

Acq: 14 May 2024 17:08

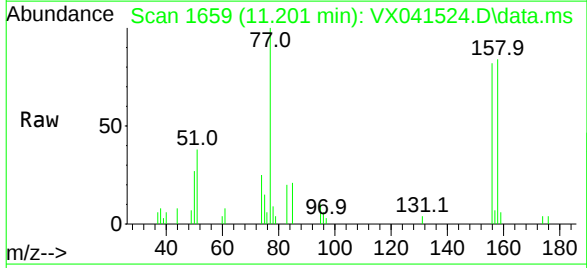
Tgt Ion: 75	Resp: 1671
Ion Ratio	Lower Upper
75 100	
77 46.3	19.1 57.5





#77
Bromobenzene
Concen: 1.149 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

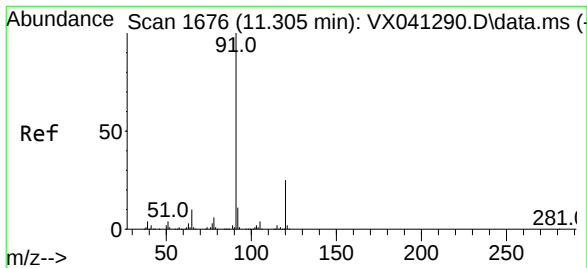
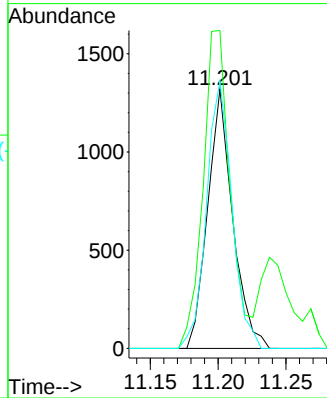
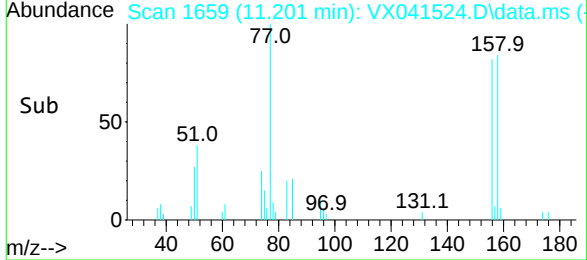
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 156 Resp: 1695
Ion Ratio Lower Upper
156 100
77 133.9 88.4 265.3
158 104.8 48.0 144.0

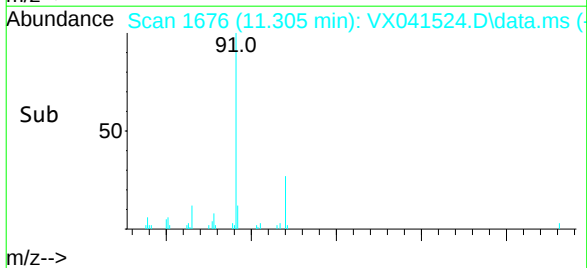
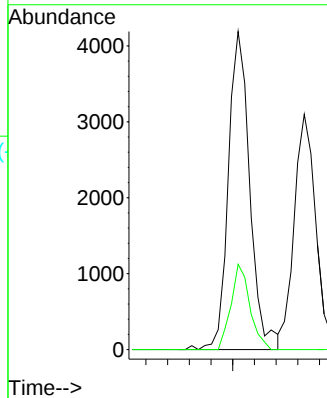
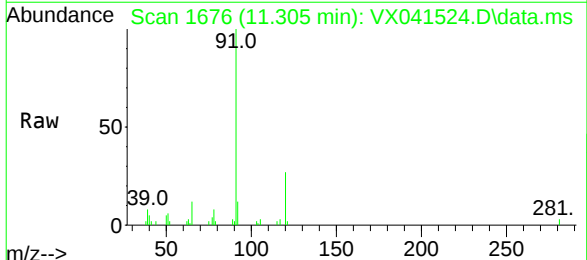
Manual Integrations
APPROVED

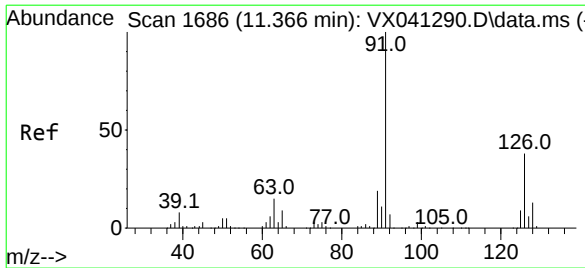
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#78
n-propylbenzene
Concen: 1.050 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

Tgt Ion: 91 Resp: 5763
Ion Ratio Lower Upper
91 100
120 23.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 1.232 ug/l

RT: 11.366 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VX041524.D

Acq: 14 May 2024 17:08

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion: 91 Resp: 4357

Ion Ratio Lower Upper

91 100

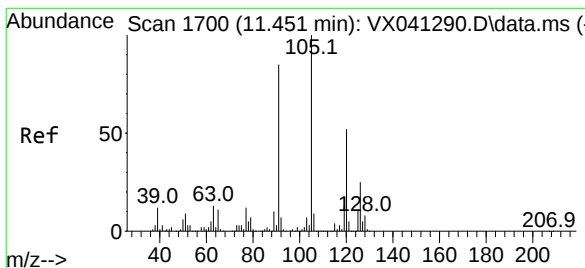
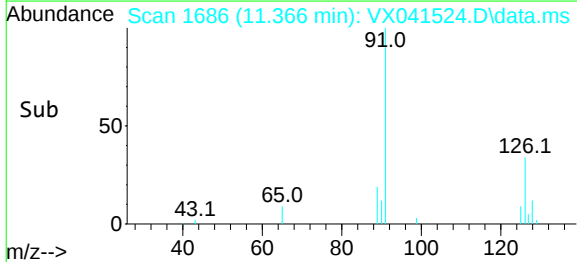
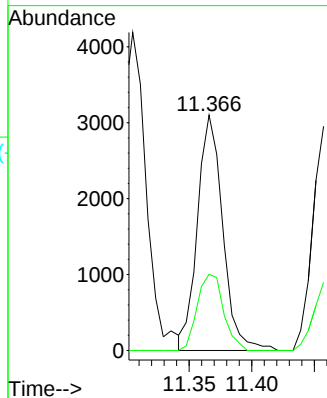
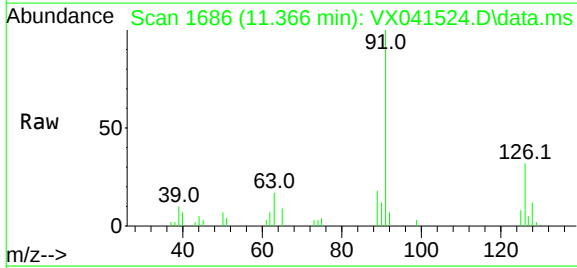
126 33.6 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#80

1,3,5-Trimethylbenzene

Concen: 1.021 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041524.D

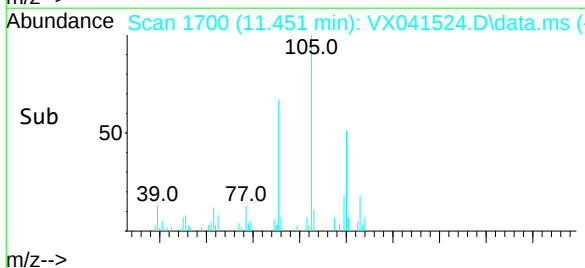
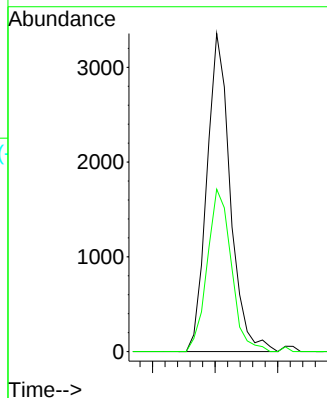
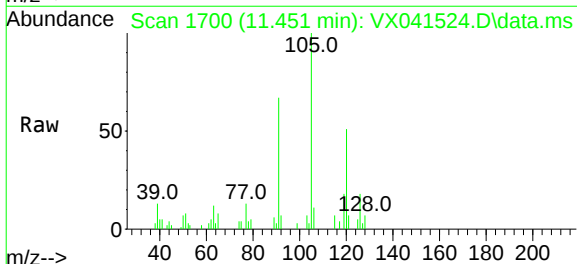
Acq: 14 May 2024 17:08

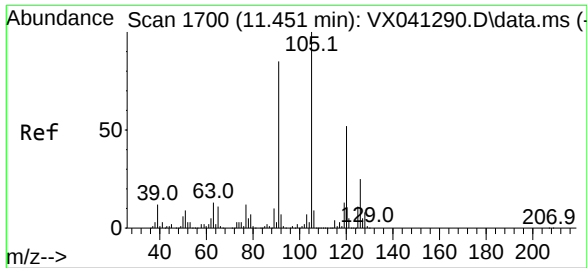
Tgt Ion:105 Resp: 4349

Ion Ratio Lower Upper

105 100

120 52.7 24.1 72.3





#82

4-Chlorotoluene

Concen: 1.096 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX041524.D

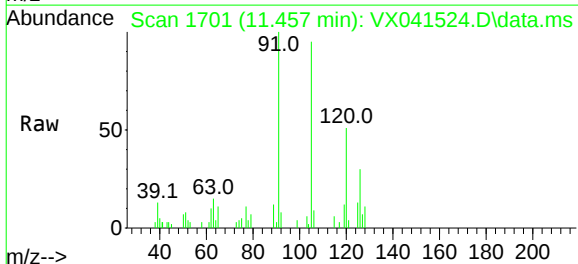
Acq: 14 May 2024 17:08

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024



Tgt Ion: 91 Resp: 4401

Ion Ratio Lower Upper

91 100

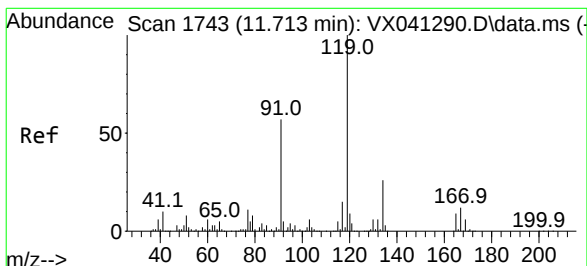
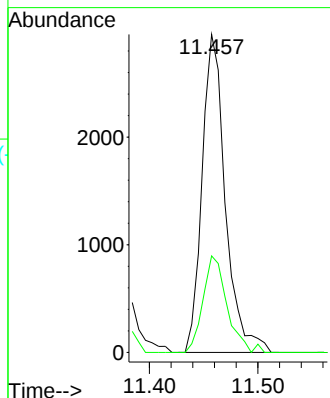
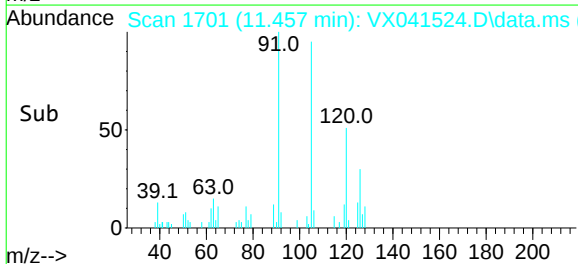
126 31.4 14.2 42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#83

tert-Butylbenzene

Concen: 1.021 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041524.D

Acq: 14 May 2024 17:08

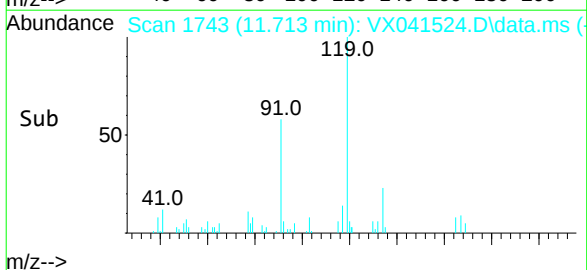
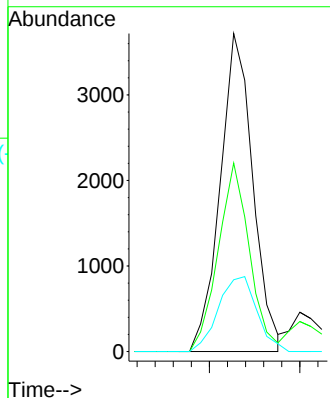
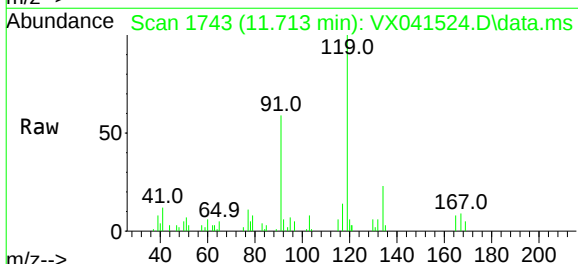
Tgt Ion:119 Resp: 4660

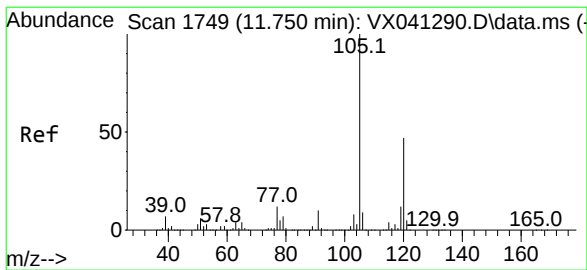
Ion Ratio Lower Upper

119 100

91 56.9 31.2 93.6

134 27.8 11.7 35.0





#84

1,2,4-Trimethylbenzene

Concen: 0.994 ug/l

RT: 11.756 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VX041524.D

Acq: 14 May 2024 17:08

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:105 Resp: 4263

Ion Ratio Lower Upper

105 100

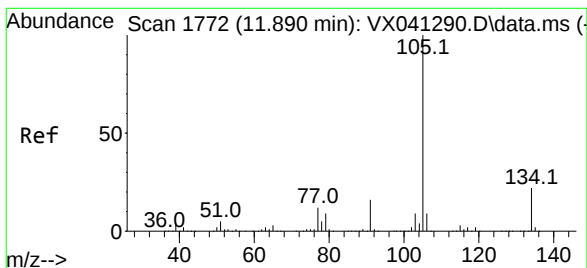
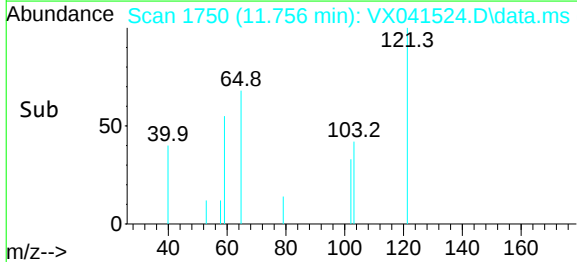
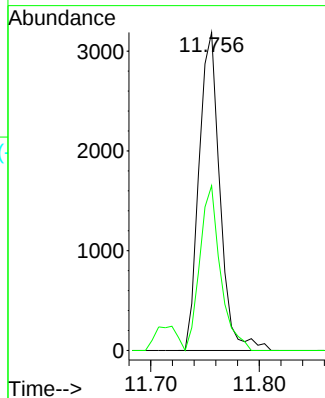
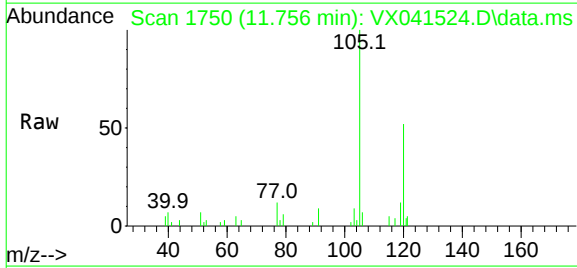
120 51.1 21.2 63.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#85

sec-Butylbenzene

Concen: 0.976 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX041524.D

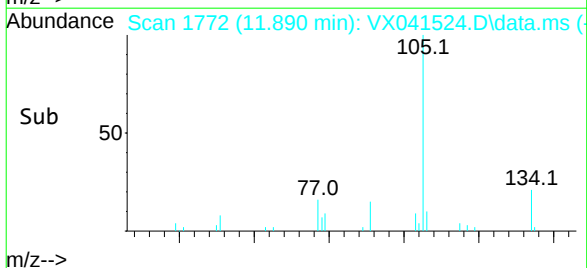
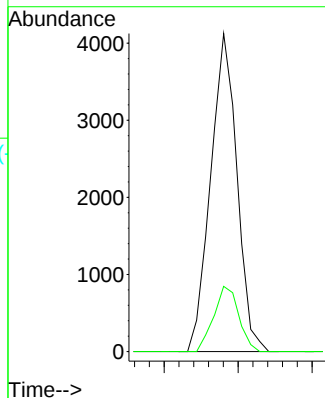
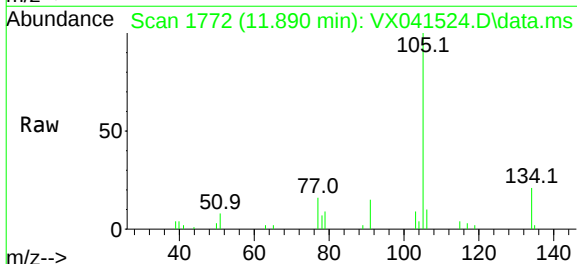
Acq: 14 May 2024 17:08

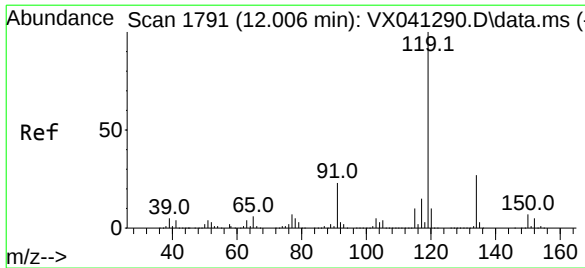
Tgt Ion:105 Resp: 5102

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.4





#86

p-Isopropyltoluene

Concen: 0.904 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX041524.D

Acq: 14 May 2024 17:08

Instrument :

MSVOA_X

ClientSampleId :

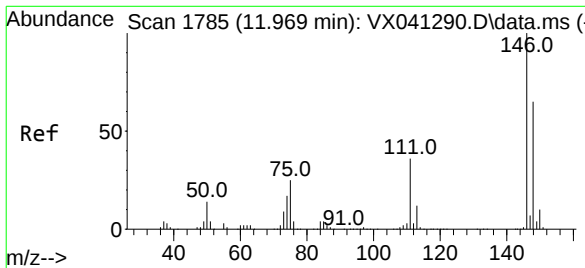
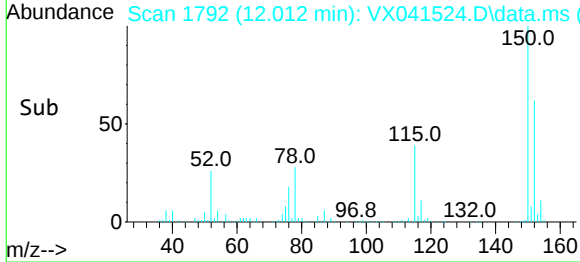
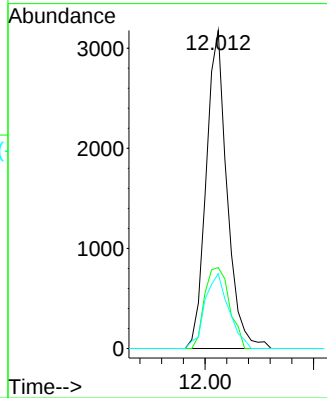
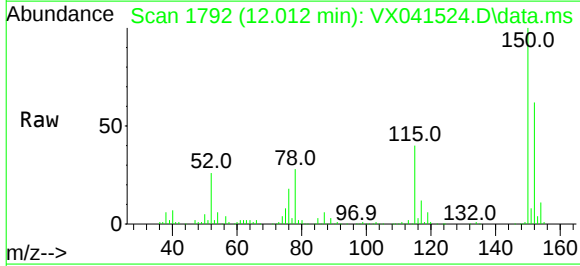
LOQ-WATER-02-QT2-2024

Tgt	Ion:119	Resp:	4244
Ion	Ratio	Lower	Upper
119	100		
134	30.3	12.8	38.3
91	27.0	13.1	39.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#87

1,3-Dichlorobenzene

Concen: 1.079 ug/l

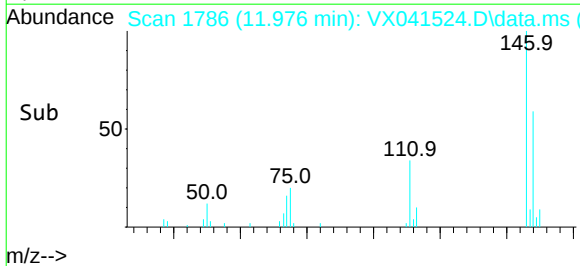
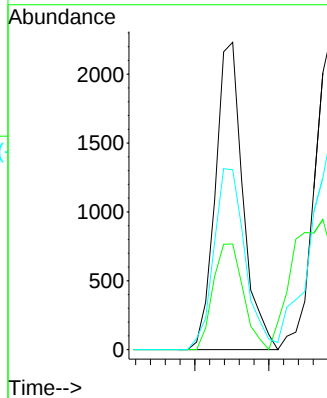
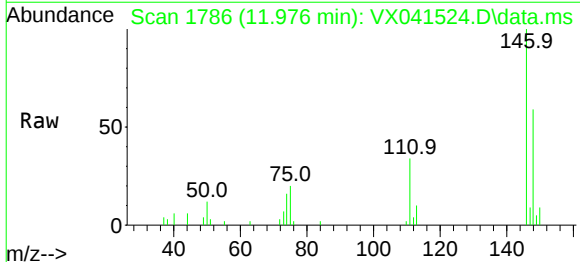
RT: 11.976 min Scan# 1786

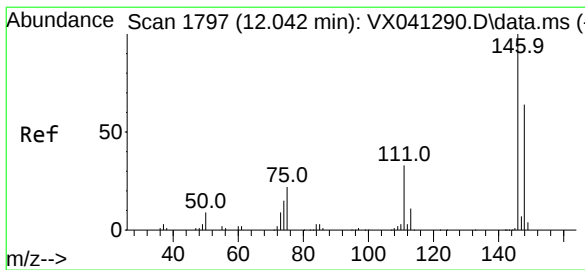
Delta R.T. 0.006 min

Lab File: VX041524.D

Acq: 14 May 2024 17:08

Tgt	Ion:146	Resp:	2894
Ion	Ratio	Lower	Upper
146	100		
111	37.2	22.1	66.1
148	66.8	31.8	95.3





#88

1,4-Dichlorobenzene

Concen: 1.199 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX041524.D

Acq: 14 May 2024 17:08

Instrument :

MSVOA_X

ClientSampleId :

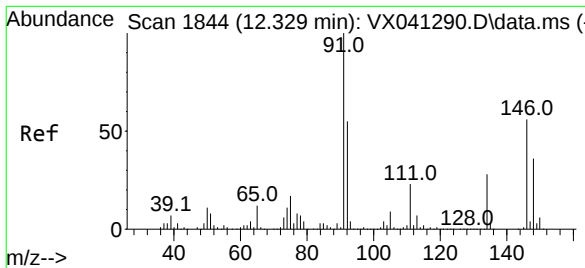
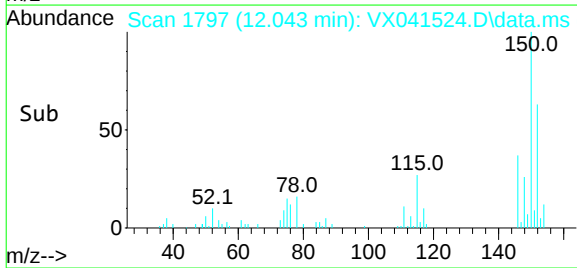
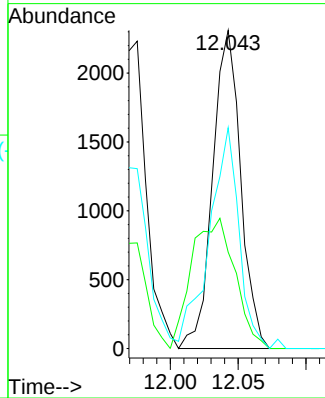
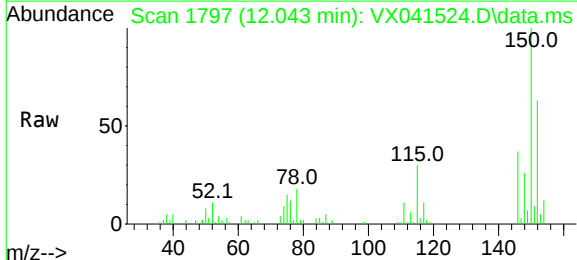
LOQ-WATER-02-QT2-2024

Tgt Ion:	146	Resp:	3313
Ion	Ratio	Lower	Upper
146	100		
111	63.1	21.3	63.7
148	74.3	31.8	95.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#89

n-Butylbenzene

Concen: 0.850 ug/l

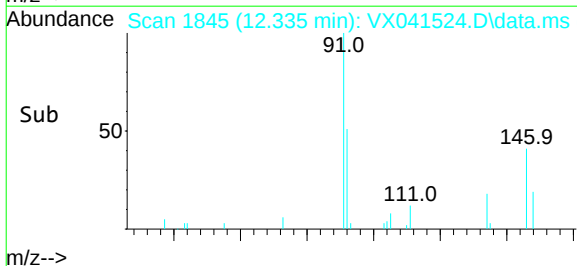
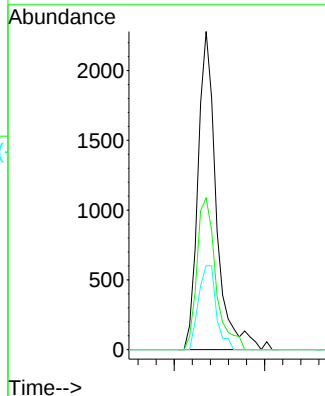
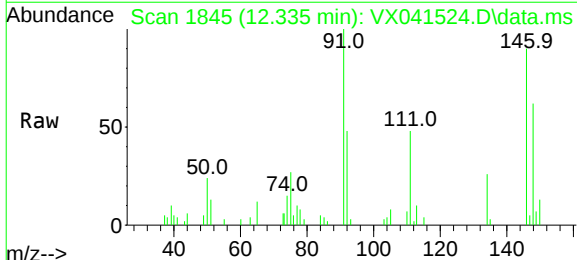
RT: 12.335 min Scan# 1845

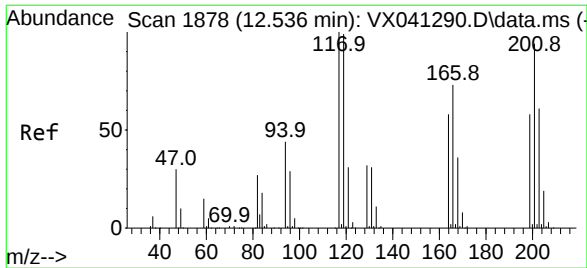
Delta R.T. 0.006 min

Lab File: VX041524.D

Acq: 14 May 2024 17:08

Tgt Ion:	91	Resp:	3209
Ion	Ratio	Lower	Upper
91	100		
92	49.5	27.4	82.0
134	25.6	12.6	37.8





#90

Hexachloroethane

Concen: 0.935 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX041524.D

Acq: 14 May 2024 17:08

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:117 Resp: 734

Ion Ratio Lower Upper

117 100

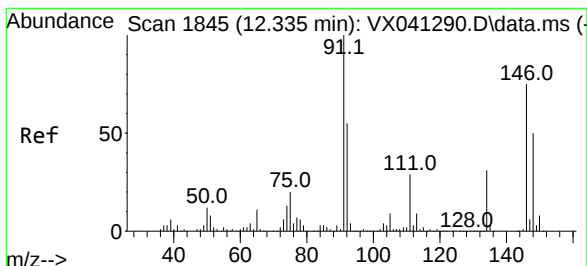
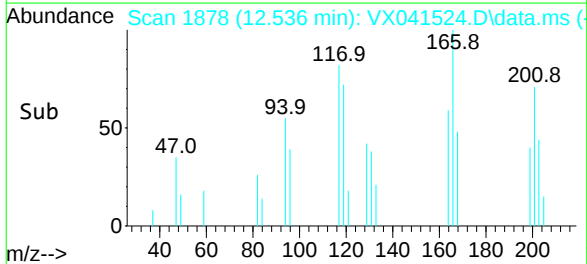
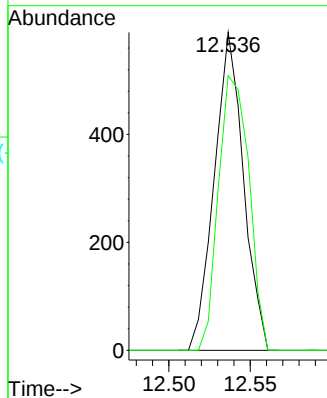
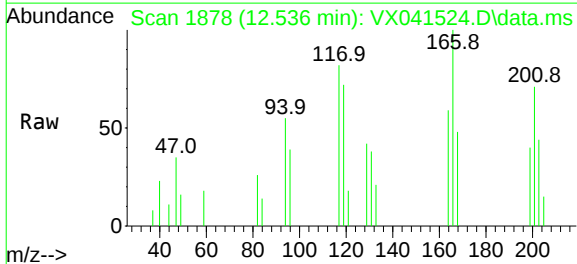
201 90.3 32.9 98.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#91

1,2-Dichlorobenzene

Concen: 1.058 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041524.D

Acq: 14 May 2024 17:08

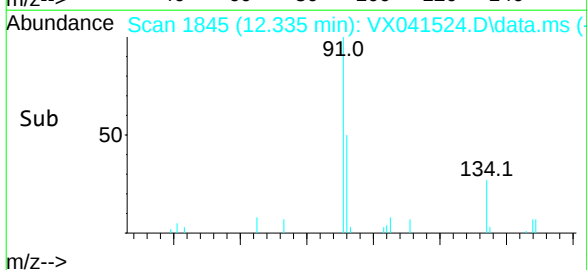
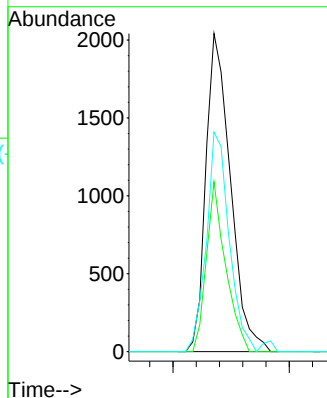
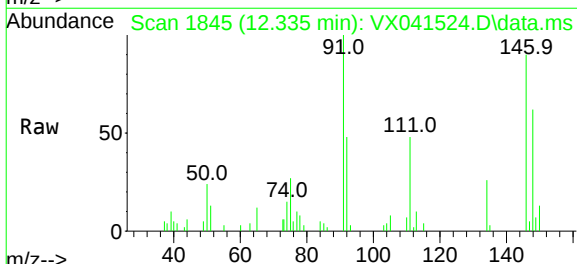
Tgt Ion:146 Resp: 2995

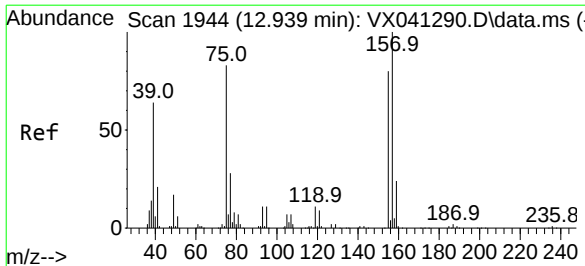
Ion Ratio Lower Upper

146 100

111 41.9 22.4 67.0

148 64.1 31.6 95.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.821 ug/l

RT: 12.945 min Scan# 19

Delta R.T. 0.006 min

Lab File: VX041524.D

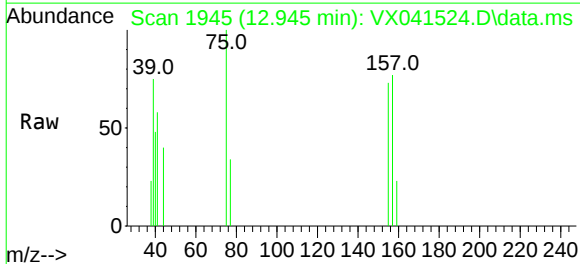
Acq: 14 May 2024 17:08

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024



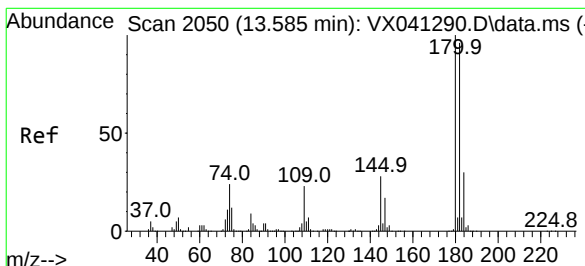
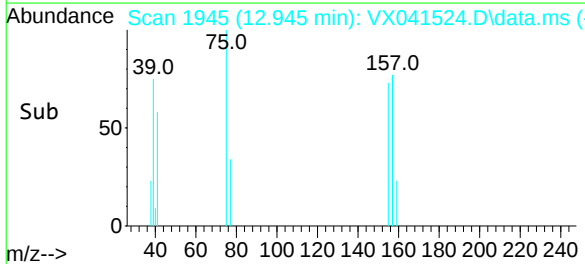
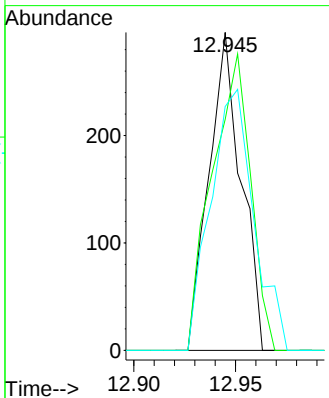
Tgt Ion:	75	Resp:	325
Ion	Ratio	Lower	Upper
75	100		
155	112.0	36.1	108.5#
157	110.2	44.9	134.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#93

1,2,4-Trichlorobenzene

Concen: 0.854 ug/l

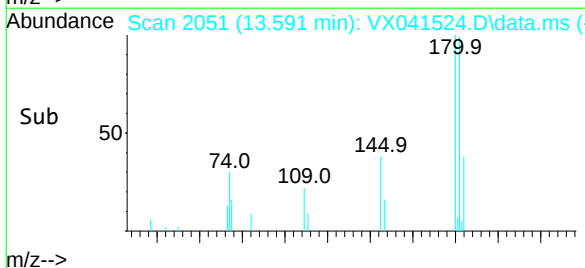
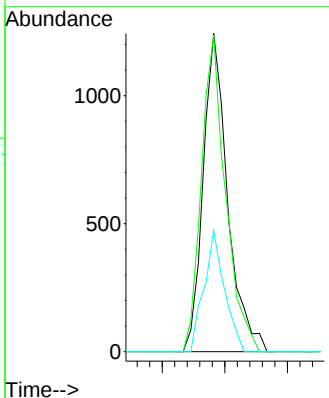
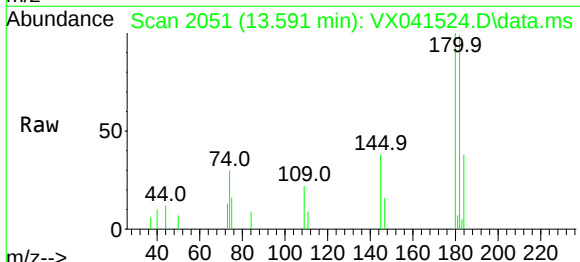
RT: 13.591 min Scan# 2051

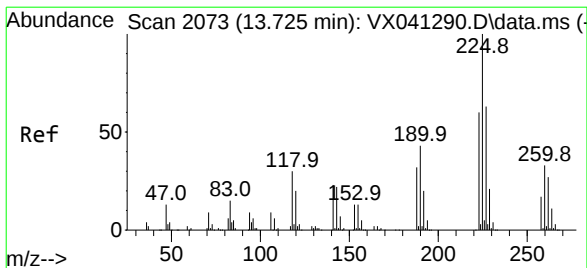
Delta R.T. 0.006 min

Lab File: VX041524.D

Acq: 14 May 2024 17:08

Tgt Ion:	180	Resp:	1690
Ion	Ratio	Lower	Upper
180	100		
182	97.9	48.3	144.8
145	31.8	18.0	54.0





#94

Hexachlorobutadiene

Concen: 0.960 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX041524.D

Acq: 14 May 2024 17:08

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

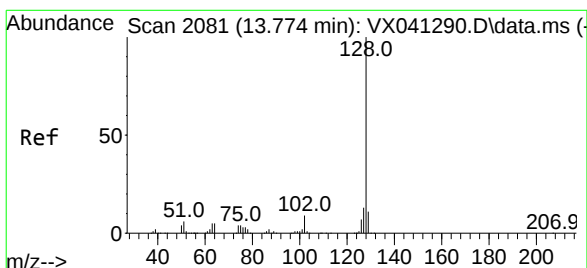
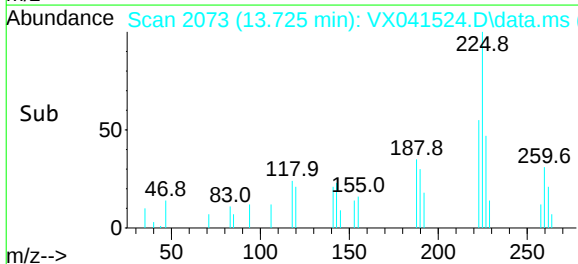
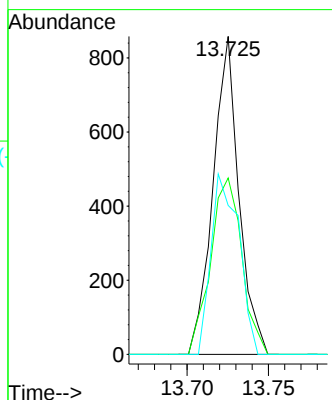
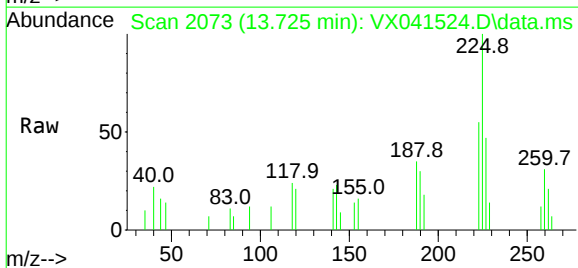
Tgt	Ion:225	Resp:	949
Ion	Ratio	Lower	Upper
225	100		
223	67.0	31.1	93.2
227	61.0	32.5	97.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#95

Naphthalene

Concen: 0.865 ug/l

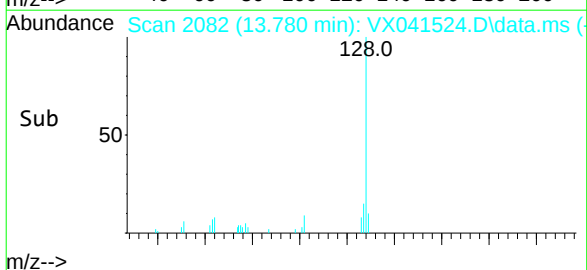
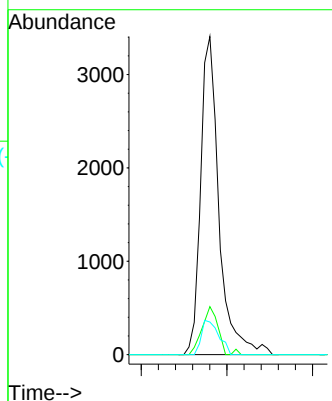
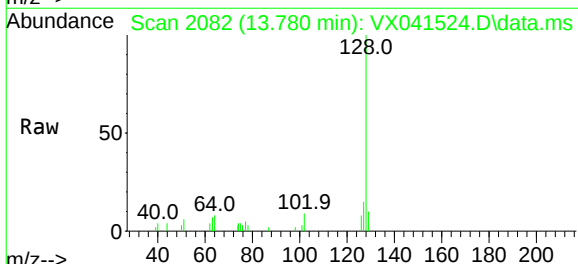
RT: 13.780 min Scan# 2082

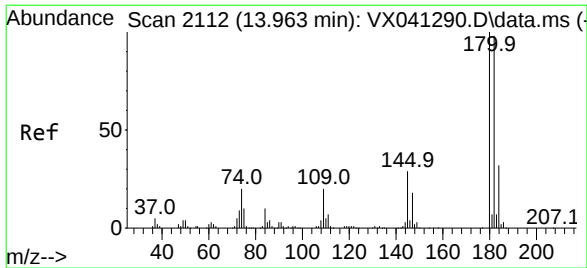
Delta R.T. 0.006 min

Lab File: VX041524.D

Acq: 14 May 2024 17:08

Tgt	Ion:128	Resp:	5075
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.2	8.8	13.2





#96
1,2,3-Trichlorobenzene
Concen: 0.904 ug/l
RT: 13.963 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX041524.D
Acq: 14 May 2024 17:08

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2024

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	46.9	140.6
145	24.7	17.8	53.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

