

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013124\
 Data File : VX040041.D
 Acq On : 31 Jan 2024 12:27
 Operator : JC/MD
 Sample : P1187-09 0.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2024

Quant Time: Feb 01 05:08:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:07:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	95833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	171355	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72324	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75503	48.954	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.900%		
35) Dibromofluoromethane	5.385	113	56767	48.666	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.340%		
50) Toluene-d8	8.647	98	200426	45.945	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.900%#		
62) 4-Bromofluorobenzene	11.079	95	64988	38.690	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	77.380%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	490	0.454	ug/l	82
3) Chloromethane	1.294	50	661	0.646	ug/l	95
4) Vinyl Chloride	1.373	62	482	0.509	ug/l	91
5) Bromomethane	1.605	94	308	0.335	ug/l	88
6) Chloroethane	1.697	64	268	0.429	ug/l #	43
7) Trichlorofluoromethane	1.886	101	557	0.370	ug/l #	74
8) Diethyl Ether	2.129	74	195	0.366	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.318	101	366	0.326	ug/l #	75
10) Methyl Iodide	2.453	142	474	0.396	ug/l #	56
11) Tert butyl alcohol	2.965	59	948	3.388	ug/l #	78
12) 1,1-Dichloroethene	2.318	96	538	0.499	ug/l #	52
13) Acrolein	2.233	56	466	1.738	ug/l #	83
14) Allyl chloride	2.660	41	744	0.383	ug/l #	76
15) Acrylonitrile	3.074	53	1240	1.769	ug/l	94
16) Acetone	2.373	43	1638	2.267	ug/l	95
17) Carbon Disulfide	2.514	76	1378	0.437	ug/l #	70
18) Methyl Acetate	2.702	43	714	0.417	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	1464	0.396	ug/l	95
20) Methylene Chloride	2.794	84	666	0.519	ug/l #	74
21) trans-1,2-Dichloroethene	3.093	96	423	0.356	ug/l	81
22) Diisopropyl ether	3.769	45	1420m	0.377	ug/l	
23) Vinyl Acetate	3.727	43	5624	1.670	ug/l	95
24) 1,1-Dichloroethane	3.617	63	739	0.343	ug/l #	83
25) 2-Butanone	4.598	43	2355	2.344	ug/l	99
26) 2,2-Dichloropropane	4.470	77	551	0.328	ug/l #	54
27) cis-1,2-Dichloroethene	4.477	96	556m	0.420	ug/l	
28) Bromochloromethane	4.909	49	565m	0.562	ug/l	
29) Tetrahydrofuran	5.019	42	1549m	2.425	ug/l	
30) Chloroform	5.104	83	1244m	0.537	ug/l	
31) Cyclohexane	5.482	56	834m	0.432	ug/l	
32) 1,1,1-Trichloroethane	5.385	97	801	0.403	ug/l #	48
36) 1,1-Dichloropropene	5.708	75	965	0.572	ug/l #	48
37) Ethyl Acetate	4.745	43	1213m	0.658	ug/l	
38) Carbon Tetrachloride	5.678	117	641	0.397	ug/l #	74
39) Methylcyclohexane	7.385	83	1031	0.502	ug/l #	70
40) Benzene	6.049	78	2171	0.442	ug/l	97

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Manual Integrations
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 Supervised By :Mahesh Dadoda 02/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	467m	0.500	ug/l	
42) 1,2-Dichloroethane	6.086	62	1099m	0.581	ug/l	
43) Isopropyl Acetate	6.360	43	1293	0.445	ug/l #	72
44) Trichloroethene	7.122	130	631	0.488	ug/l	49
45) 1,2-Dichloropropane	7.433	63	664	0.512	ug/l	91
46) Dibromomethane	7.586	93	548	0.563	ug/l #	83
47) Bromodichloromethane	7.830	83	748	0.431	ug/l #	70
48) Methyl methacrylate	7.708	41	516	0.361	ug/l #	86
49) 1,4-Dioxane	7.665	88	327	10.514	ug/l #	27
51) 4-Methyl-2-Pentanone	8.573	43	4408	2.223	ug/l	96
52) Toluene	8.720	92	1398	0.456	ug/l	81
53) t-1,3-Dichloropropene	8.988	75	523	0.291	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	700	0.365	ug/l #	92
55) 1,1,2-Trichloroethane	9.153	97	534	0.421	ug/l #	83
56) Ethyl methacrylate	9.122	69	683	0.369	ug/l #	70
57) 1,3-Dichloropropane	9.311	76	1109	0.531	ug/l #	83
58) 2-Chloroethyl Vinyl ether	8.250	63	1962	2.108	ug/l #	89
59) 2-Hexanone	9.439	43	3295m	2.084	ug/l	
60) Dibromochloromethane	9.512	129	451	0.354	ug/l	82
61) 1,2-Dibromoethane	9.616	107	655	0.478	ug/l #	76
64) Tetrachloroethene	9.274	164	528	0.518	ug/l	96
65) Chlorobenzene	10.079	112	1687	0.521	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	458	0.419	ug/l #	53
67) Ethyl Benzene	10.195	91	2502	0.431	ug/l	100
68) m/p-Xylenes	10.305	106	1919	0.878	ug/l	92
69) o-Xylene	10.646	106	761	0.367	ug/l	92
70) Styrene	10.658	104	1189	0.340	ug/l	90
71) Bromoform	10.805	173	435	0.520	ug/l #	58
73) Isopropylbenzene	10.963	105	2035	0.392	ug/l	99
74) N-amyl acetate	10.847	43	616	0.261	ug/l #	70
75) 1,1,2,2-Tetrachloroethane	11.207	83	802	0.411	ug/l #	89
76) 1,2,3-Trichloropropane	11.244	75	860m	0.558	ug/l	
77) Bromobenzene	11.201	156	562	0.469	ug/l	84
78) n-propylbenzene	11.305	91	2786	0.436	ug/l	95
79) 2-Chlorotoluene	11.366	91	1689	0.439	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	1837	0.411	ug/l	91
81) trans-1,4-Dichloro-2-b...	11.024	75	118m	0.239	ug/l	
82) 4-Chlorotoluene	11.457	91	2013	0.456	ug/l	96
83) tert-Butylbenzene	11.713	119	1544	0.361	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	1884	0.423	ug/l	97
85) sec-Butylbenzene	11.890	105	2290	0.405	ug/l	99
86) p-Isopropyltoluene	12.006	119	1842	0.399	ug/l #	81
87) 1,3-Dichlorobenzene	11.975	146	1138	0.471	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	1572m	0.635	ug/l	
89) n-Butylbenzene	12.335	91	1633	0.364	ug/l	94
90) Hexachloroethane	12.542	117	186	0.255	ug/l #	44
91) 1,2-Dichlorobenzene	12.341	146	1003	0.430	ug/l	93
93) 1,2,4-Trichlorobenzene	13.597	180	829	0.569	ug/l	84
94) Hexachlorobutadiene	13.725	225	252	0.439	ug/l	84
95) Naphthalene	13.780	128	2564	0.518	ug/l #	92
96) 1,2,3-Trichlorobenzene	13.963	180	703	0.488	ug/l	83

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QLast Update : Thu Feb 01 05:07:23 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

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

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

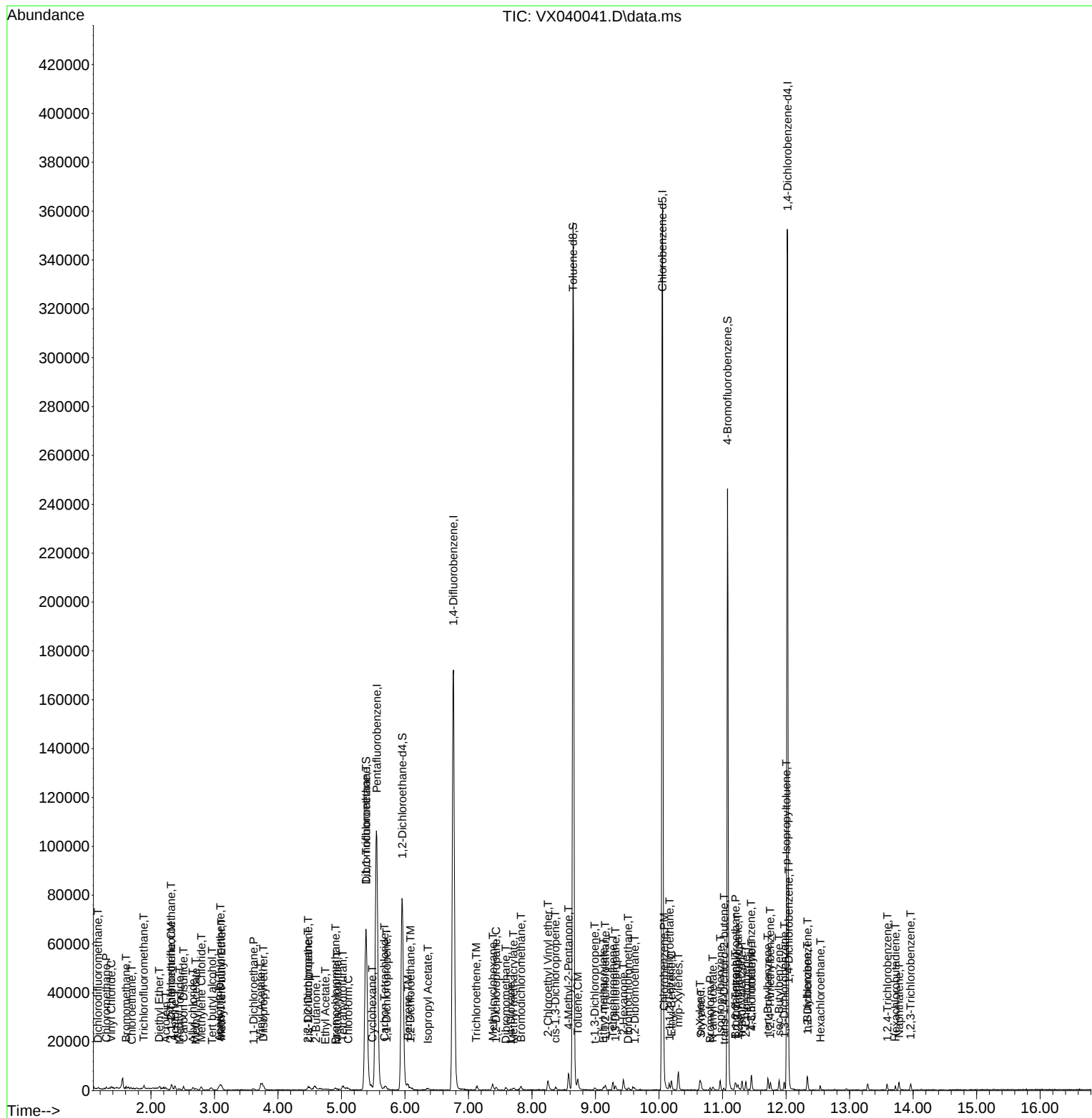
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Data File : VX040041.D
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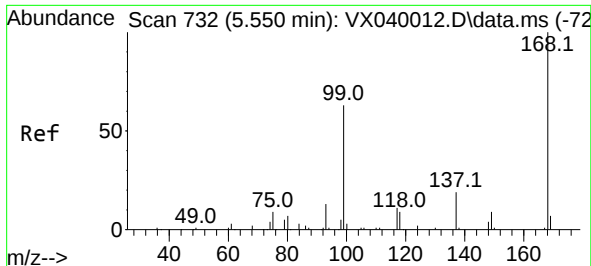
Instrument :
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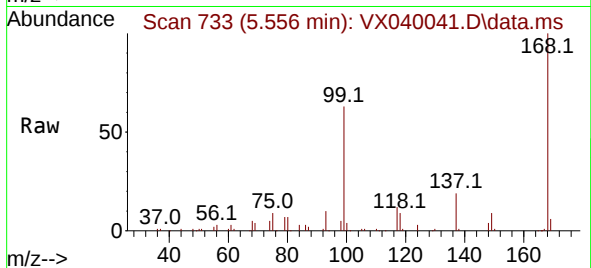
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Supervised By :Mahesh Dadoda 02/01/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040041.D
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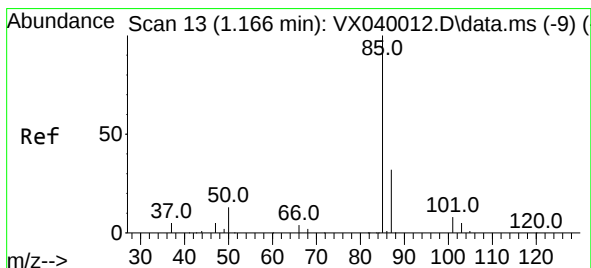
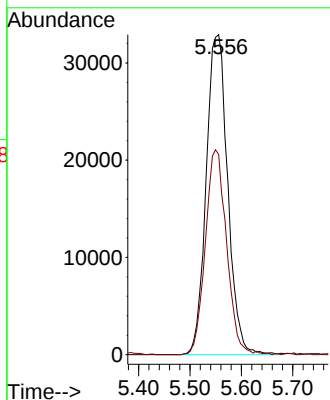
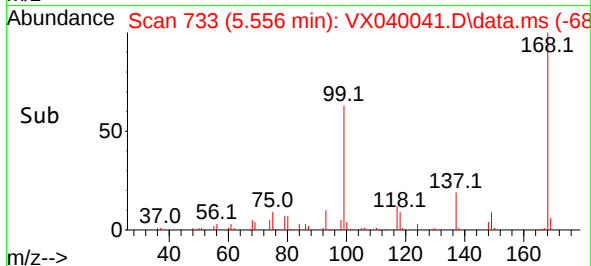
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:168 Resp: 9583
Ion Ratio Lower Upper
168 100
99 62.6 56.6 85.0

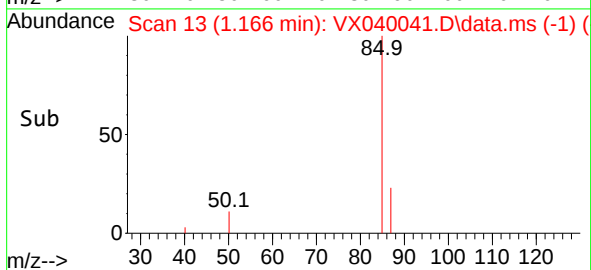
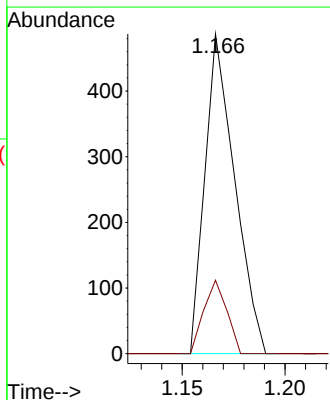
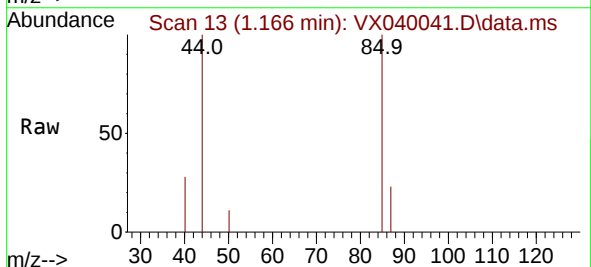
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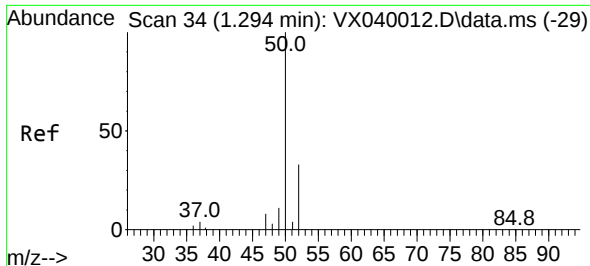
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#2
Dichlorodifluoromethane
Concen: 0.454 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

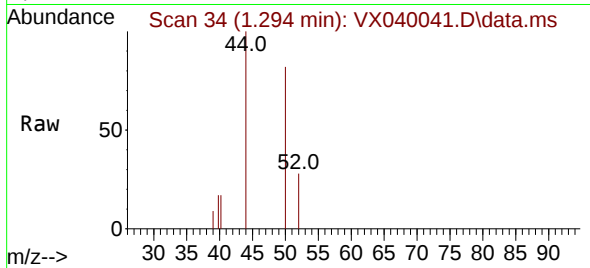
Tgt Ion: 85 Resp: 490
Ion Ratio Lower Upper
85 100
87 23.0 16.7 50.1





#3
Chloromethane
Concen: 0.646 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

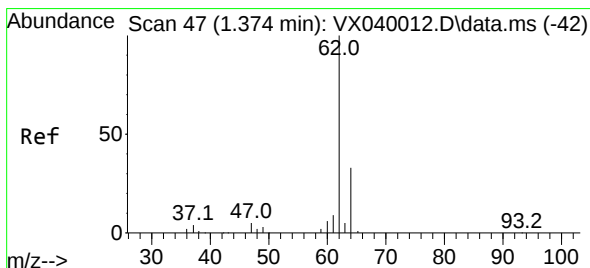
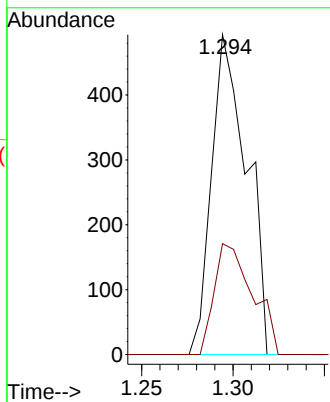
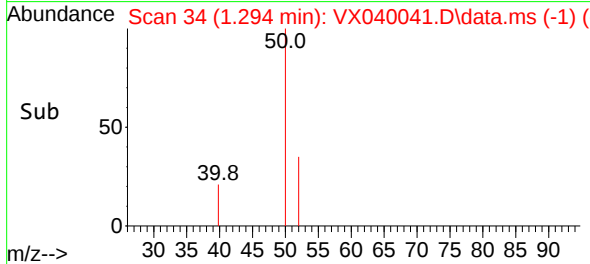
Instrument : MSVOA_X
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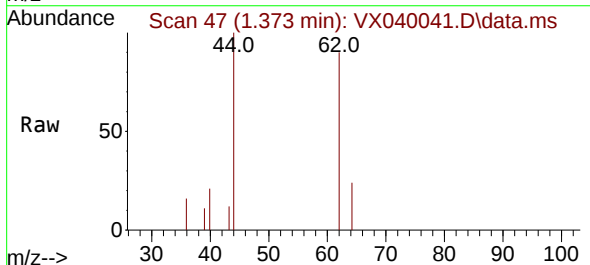
Tgt Ion: 50 Resp: 66
Ion Ratio Lower Upper
50 100
52 34.7 25.5 38.3

Manual Integrations
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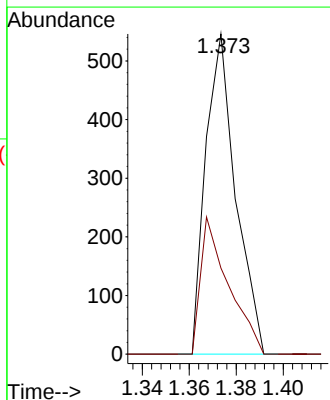
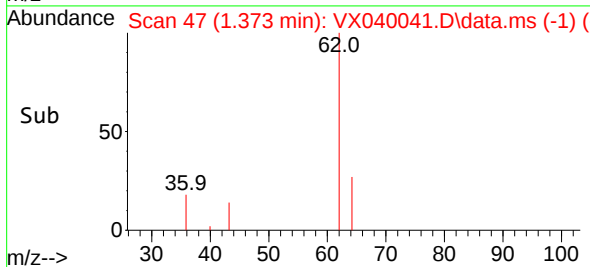
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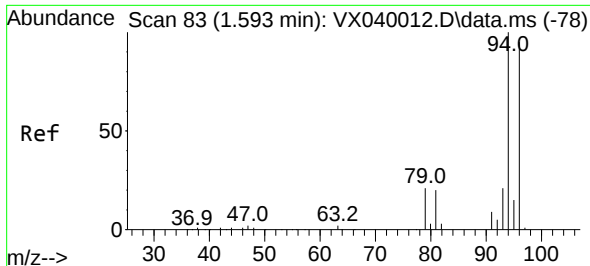


#4
Vinyl Chloride
Concen: 0.509 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27



Tgt Ion: 62 Resp: 482
Ion Ratio Lower Upper
62 100
64 26.9 25.4 38.0





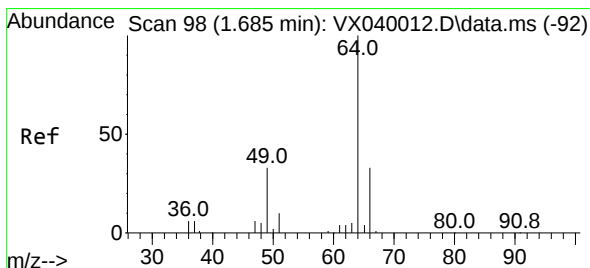
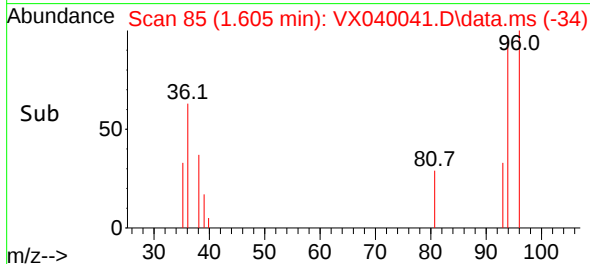
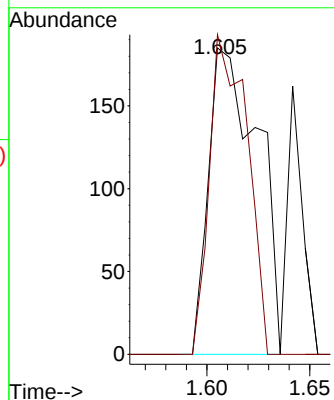
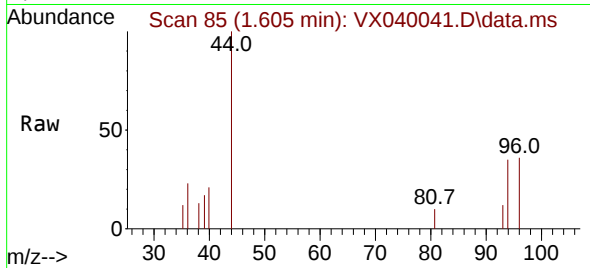
#5
Bromomethane
Concen: 0.335 ug/l
RT: 1.605 min Scan# 83
Delta R.T. 0.012 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

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Tgt Ion: 94 Resp: 308
Ion Ratio Lower Upper
94 100
96 104.3 74.6 111.8

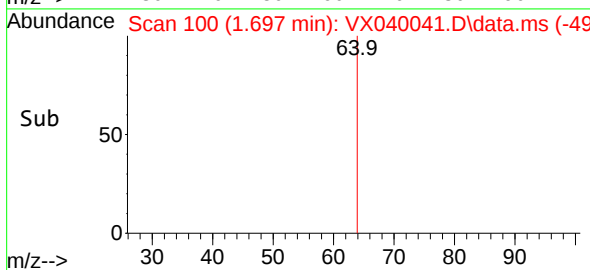
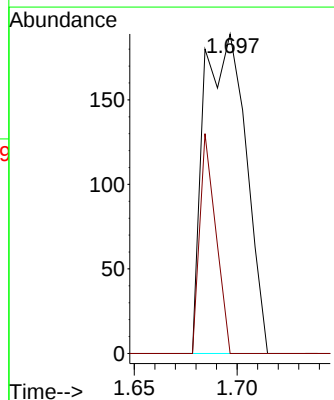
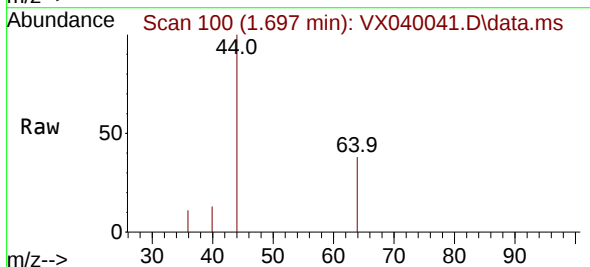
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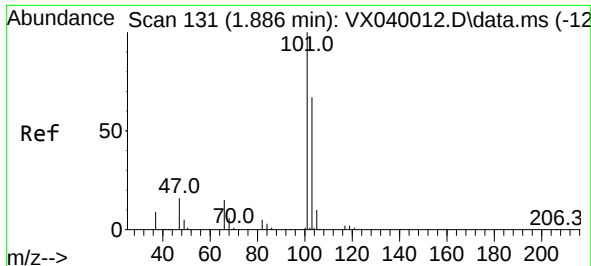
Reviewed By :John Carlone 02/01/2024
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#6
Chloroethane
Concen: 0.429 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

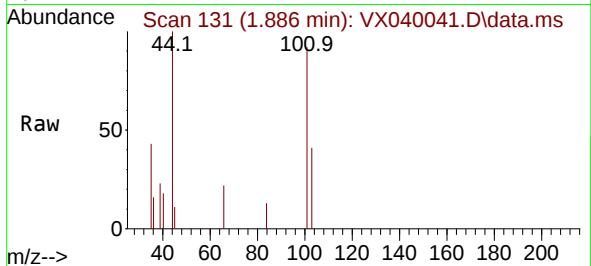
Tgt Ion: 64 Resp: 268
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#7
Trichlorofluoromethane
Concen: 0.370 ug/l
RT: 1.886 min Scan# 111
Delta R.T. -0.000 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

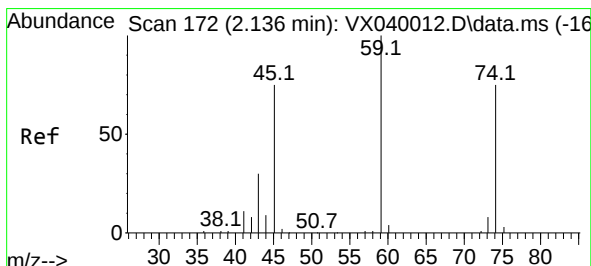
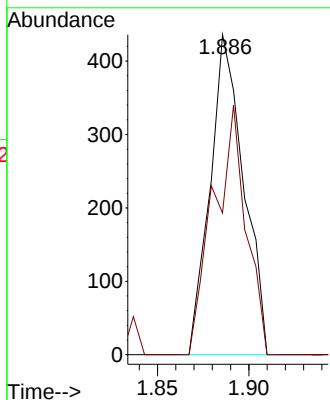
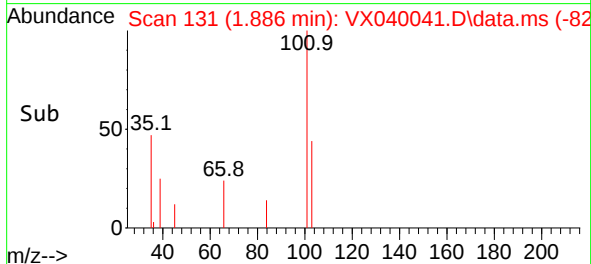
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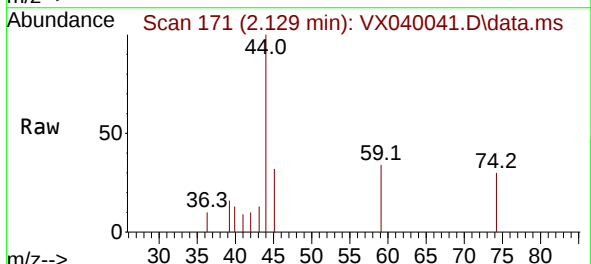
Tgt Ion: 101 Resp: 55
Ion Ratio Lower Upper
101 100
103 44.3 51.4 77.2

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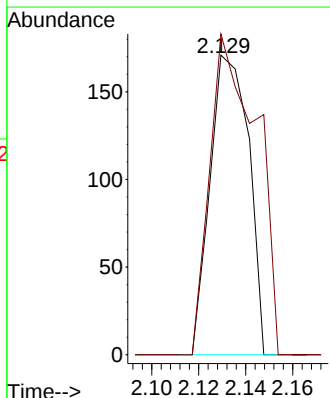
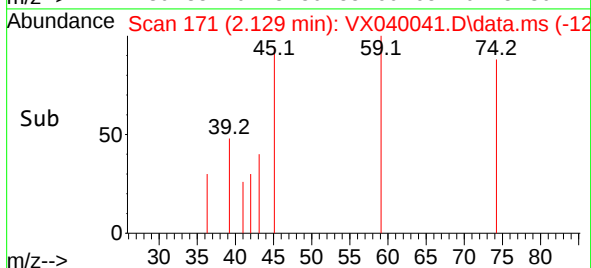
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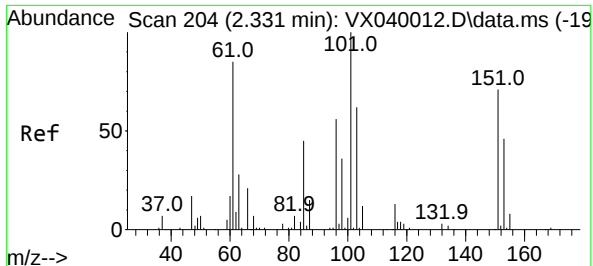


#8
Diethyl Ether
Concen: 0.366 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27



Tgt Ion: 74 Resp: 195
Ion Ratio Lower Upper
74 100
45 129.2 53.3 159.8





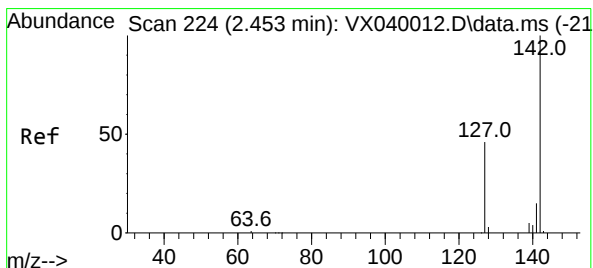
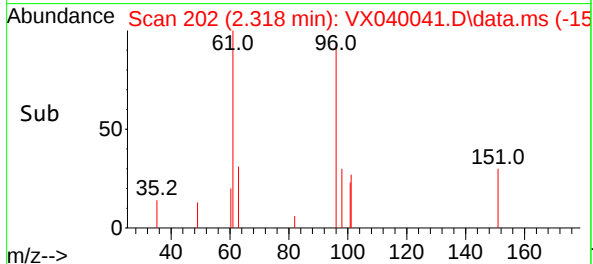
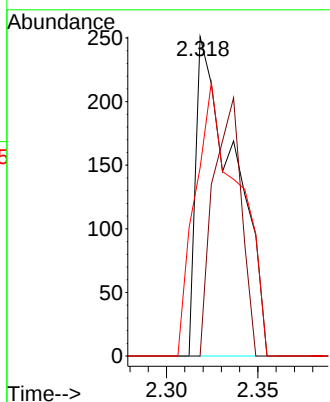
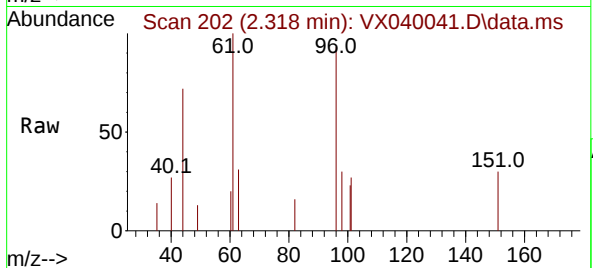
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.326 ug/l
RT: 2.318 min Scan# 204
Delta R.T. -0.012 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion:101 Resp: 360
Ion Ratio Lower Upper
101 100
85 59.6 37.0 55.6
151 97.5 58.6 87.8

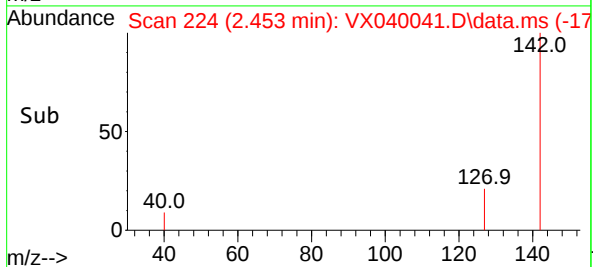
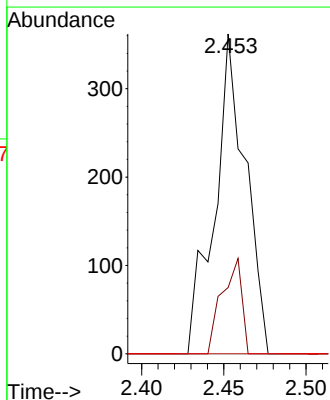
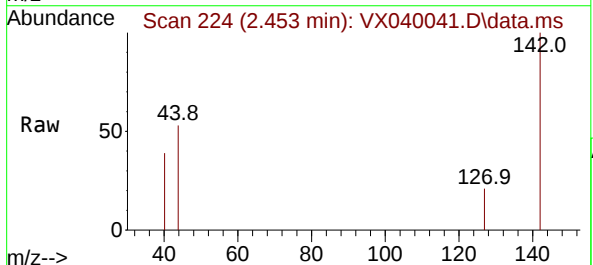
Manual Integrations
APPROVED

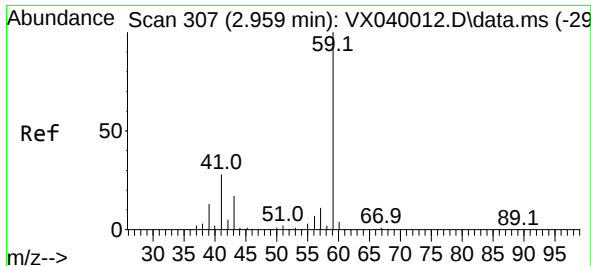
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#10
Methyl Iodide
Concen: 0.396 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

Tgt Ion:142 Resp: 474
Ion Ratio Lower Upper
142 100
127 19.2 41.6 62.4#
141 0.0 11.6 17.4#





#11

Tert butyl alcohol

Concen: 3.388 ug/l

RT: 2.965 min Scan# 307

Delta R.T. 0.006 min

Lab File: VX040041.D

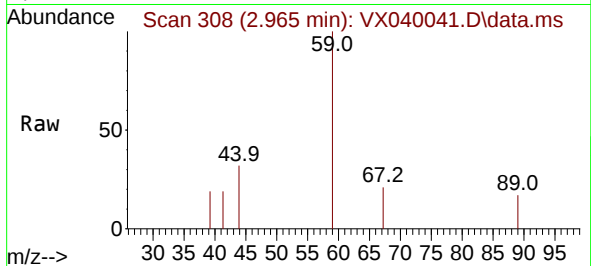
Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024



Tgt Ion: 59 Resp: 948

Ion Ratio Lower Upper

59 100

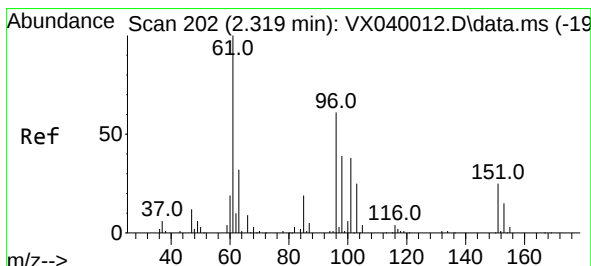
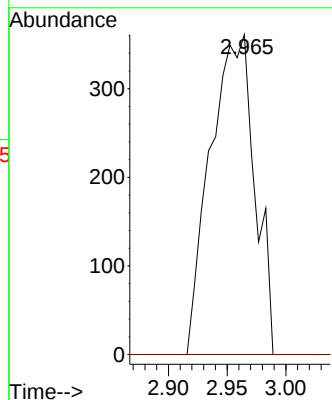
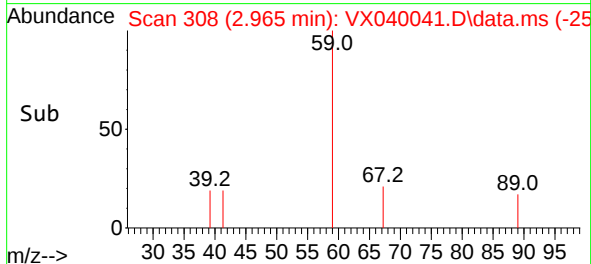
57 0.0 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#12

1,1-Dichloroethene

Concen: 0.499 ug/l

RT: 2.318 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

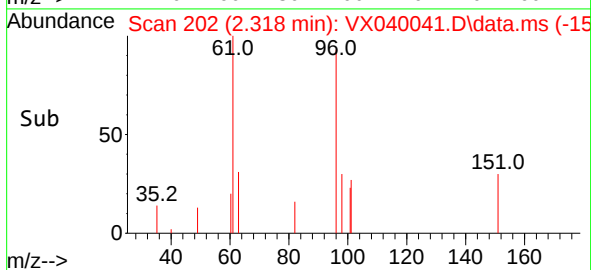
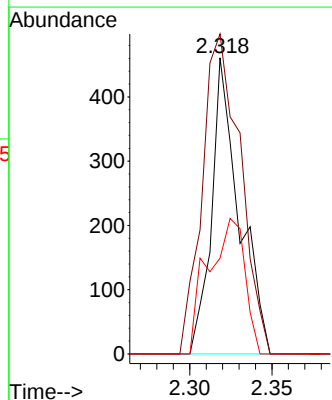
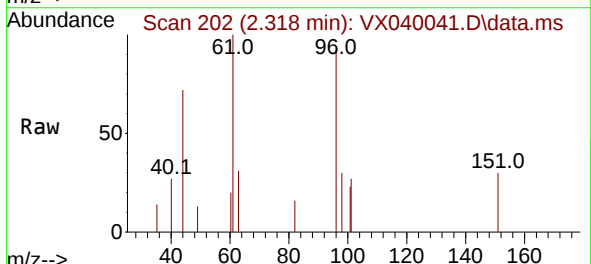
Tgt Ion: 96 Resp: 538

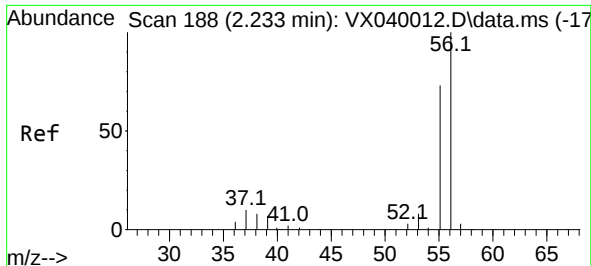
Ion Ratio Lower Upper

96 100

61 108.0 144.6 216.8#

98 32.3 50.4 75.6#





#13

Acrolein

Concen: 1.738 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040041.D

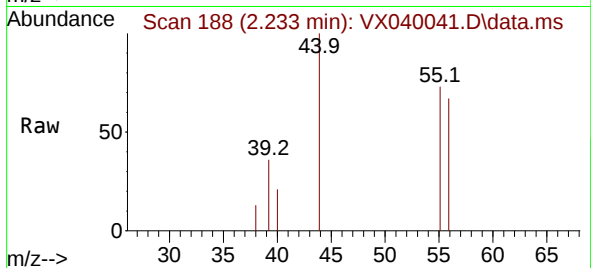
Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024



Tgt Ion: 56 Resp: 460

Ion Ratio Lower Upper

56 100

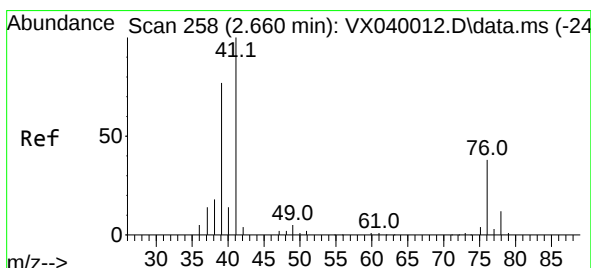
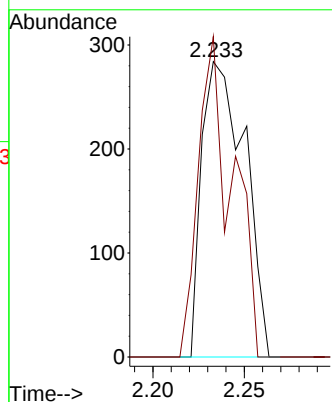
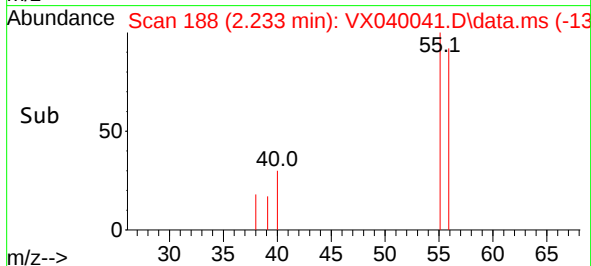
55 85.8 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#14

Allyl chloride

Concen: 0.383 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.000 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

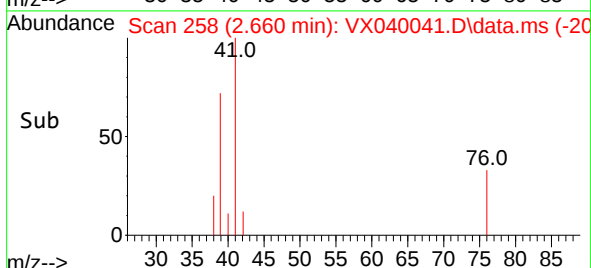
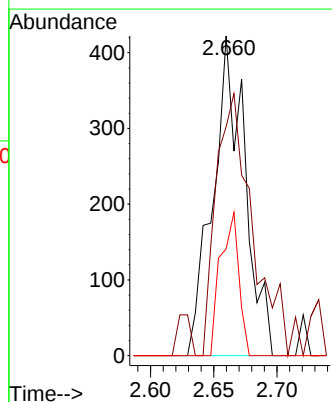
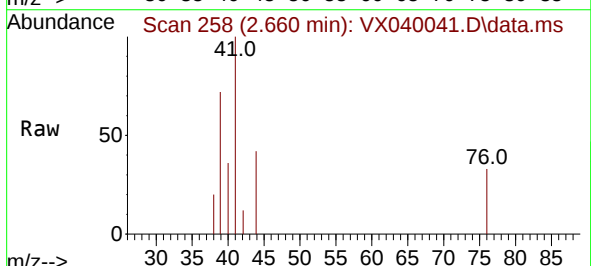
Tgt Ion: 41 Resp: 744

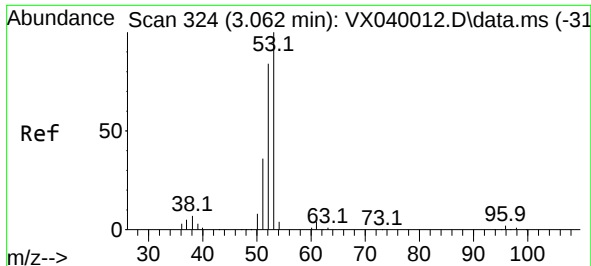
Ion Ratio Lower Upper

41 100

39 94.8 55.8 83.6

76 25.7 24.3 36.5





#15

Acrylonitrile

Concen: 1.769 ug/l

RT: 3.074 min Scan# 31

Delta R.T. 0.012 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

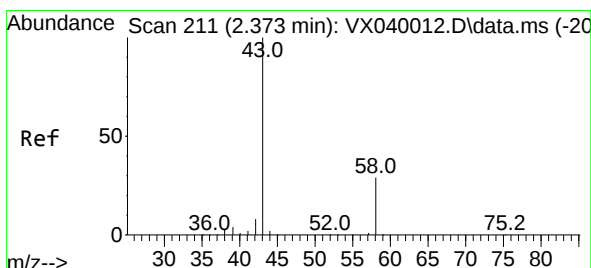
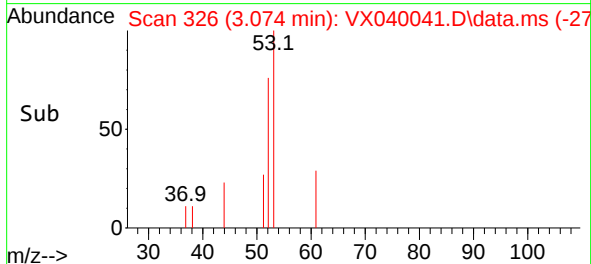
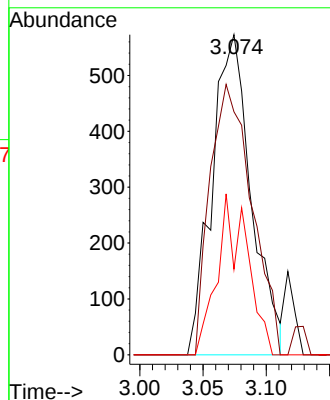
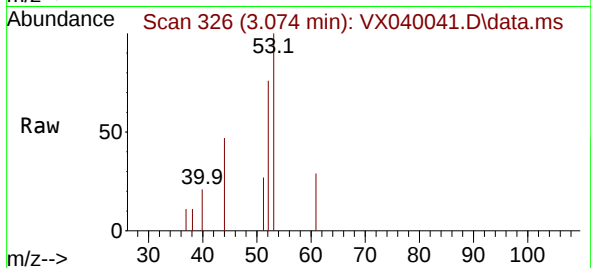
Tgt Ion: 53	Resp: 1240
Ion Ratio	Lower Upper
53 100	
52 89.8	66.0 99.0
51 38.4	29.8 44.6

Manual Integrations

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Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#16

Acetone

Concen: 2.267 ug/l

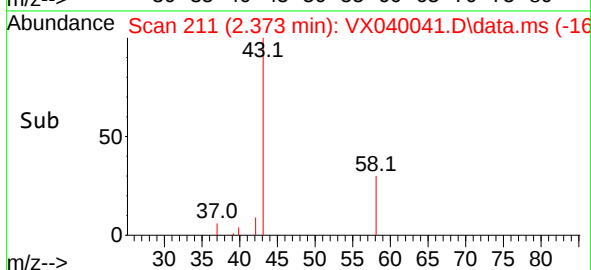
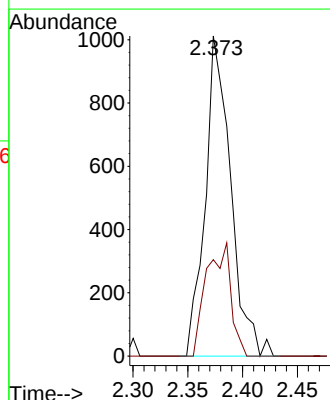
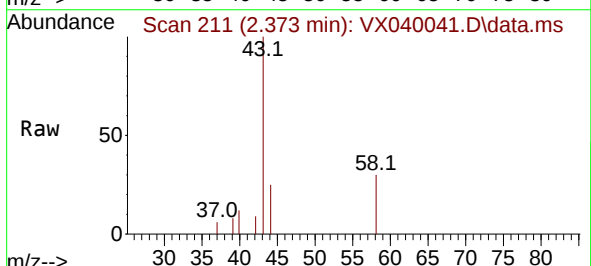
RT: 2.373 min Scan# 211

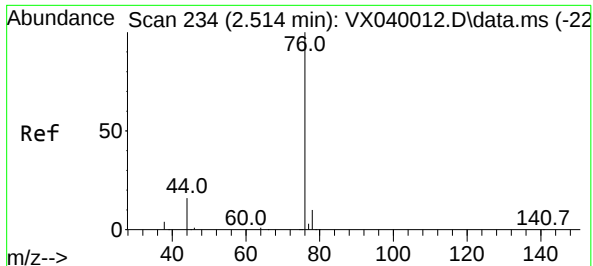
Delta R.T. -0.000 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Tgt Ion: 43	Resp: 1638
Ion Ratio	Lower Upper
43 100	
58 30.1	21.9 32.9





#17

Carbon Disulfide

Concen: 0.437 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX040041.D

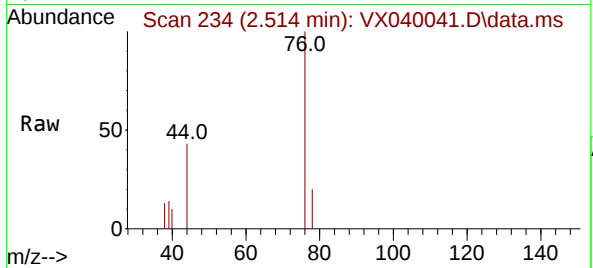
Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024



Tgt Ion: 76 Resp: 1378

Ion Ratio Lower Upper

76 100

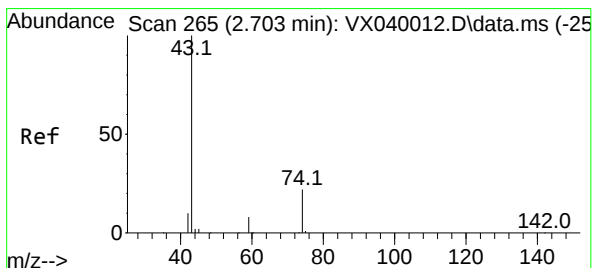
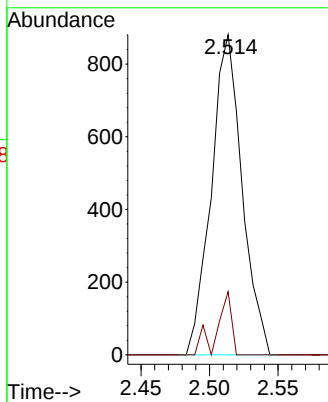
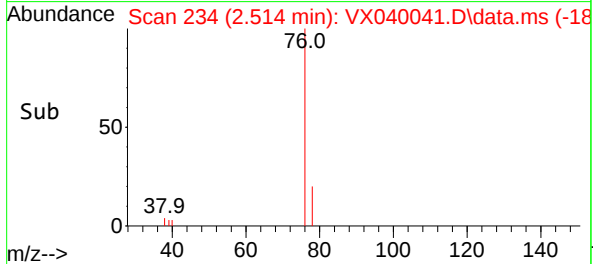
78 19.8 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#18

Methyl Acetate

Concen: 0.417 ug/l

RT: 2.702 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX040041.D

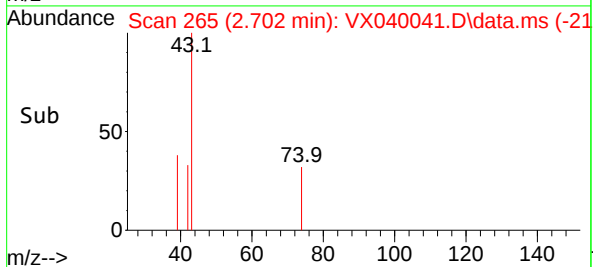
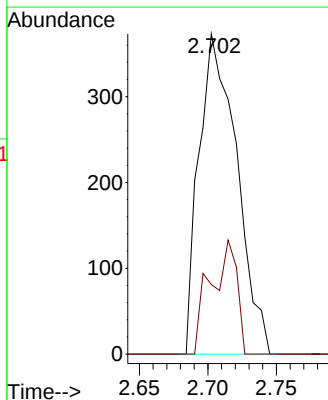
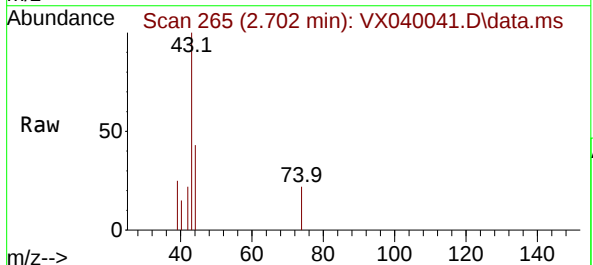
Acq: 31 Jan 2024 12:27

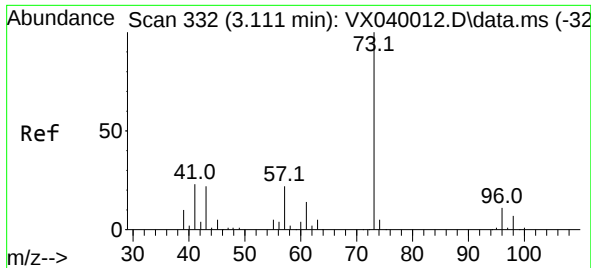
Tgt Ion: 43 Resp: 714

Ion Ratio Lower Upper

43 100

74 24.8 17.8 26.8





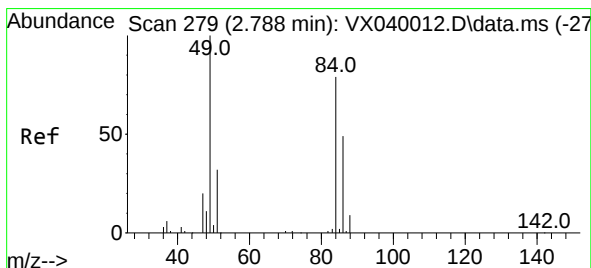
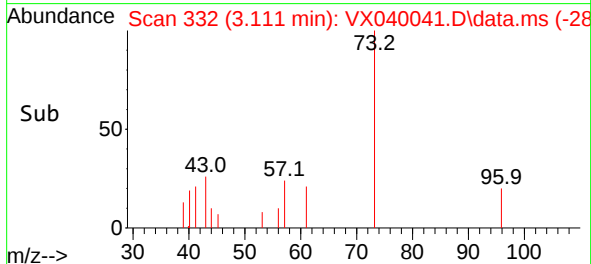
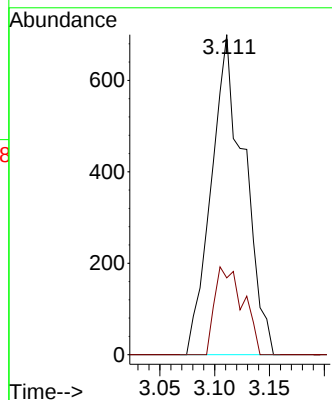
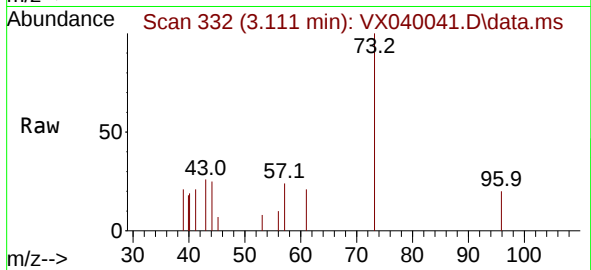
#19
Methyl tert-butyl Ether
Concen: 0.396 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion: 73 Resp: 1464
Ion Ratio Lower Upper
73 100
57 24.0 17.3 25.9

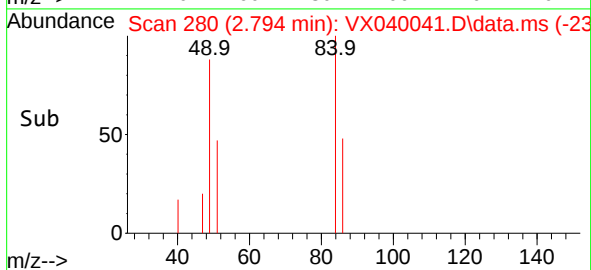
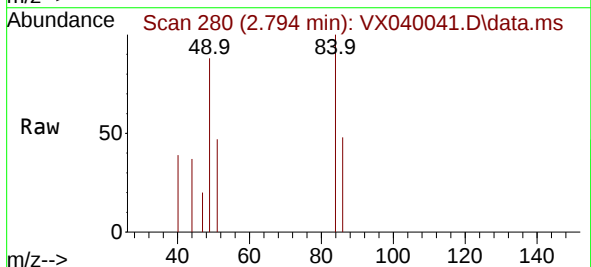
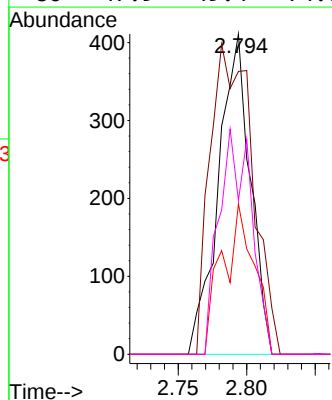
Manual Integrations
APPROVED

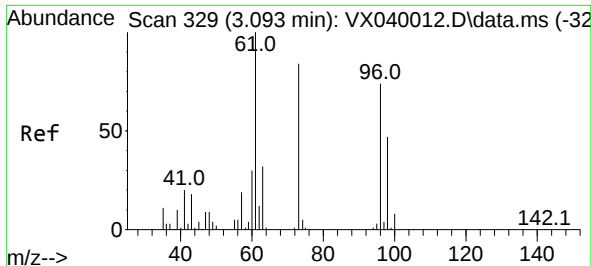
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#20
Methylene Chloride
Concen: 0.519 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

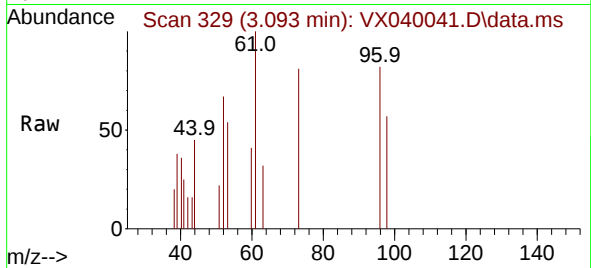
Tgt Ion: 84 Resp: 666
Ion Ratio Lower Upper
84 100
49 88.3 103.6 155.4#
51 47.0 33.8 50.6
86 47.9 49.4 74.0#





#21
trans-1,2-Dichloroethene
Concen: 0.356 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

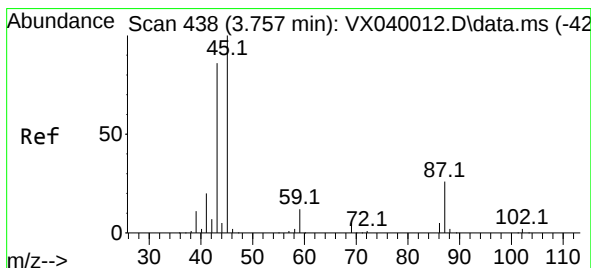
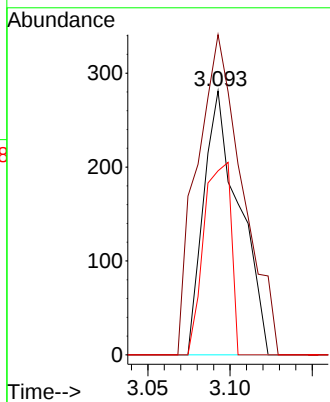
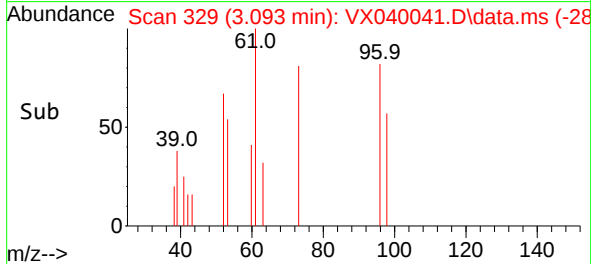
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024



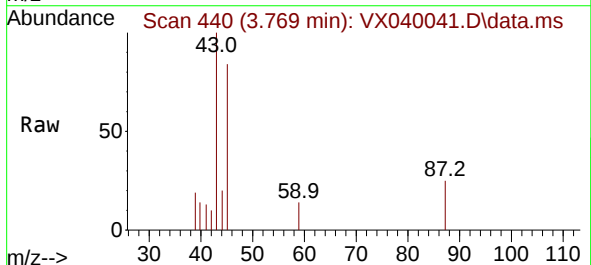
Tgt Ion: 96 Resp: 42
Ion Ratio Lower Upper
96 100
61 121.4 119.2 178.8
98 69.8 48.7 73.1

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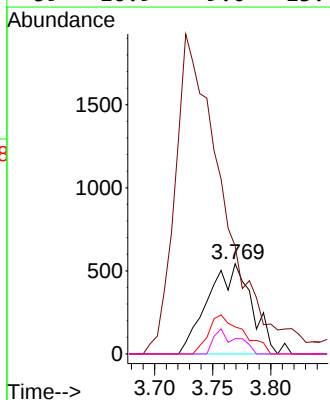
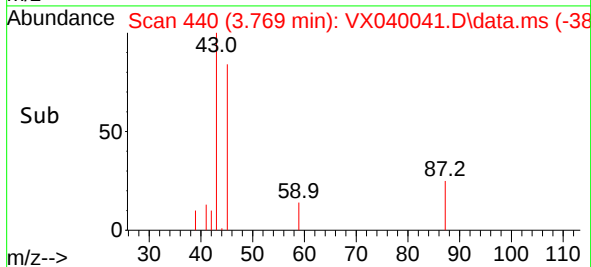
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

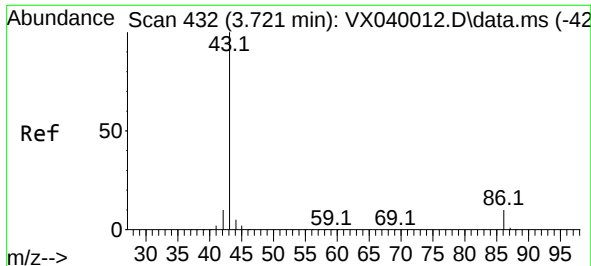


#22
Diisopropyl ether
Concen: 0.377 ug/l m
RT: 3.769 min Scan# 440
Delta R.T. 0.012 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27



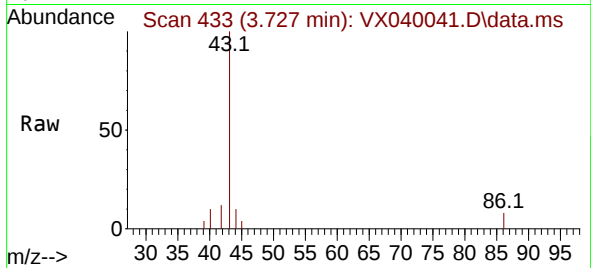
Tgt Ion: 45 Resp: 1420
Ion Ratio Lower Upper
45 100
43 119.5 69.7 104.5#
87 30.0 20.8 31.2
59 16.9 9.0 13.4#





#23
 Vinyl Acetate
 Concen: 1.670 ug/l
 RT: 3.727 min Scan# 411
 Delta R.T. 0.006 min
 Lab File: VX040041.D
 Acq: 31 Jan 2024 12:27

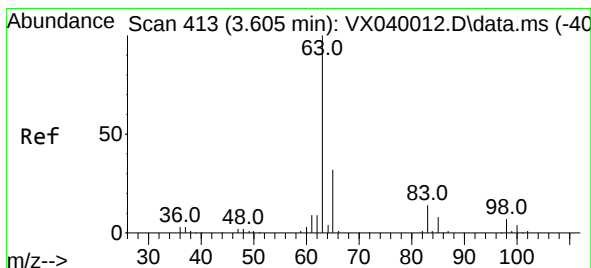
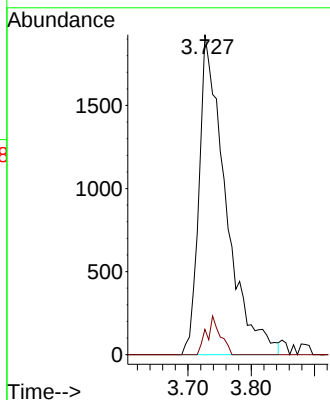
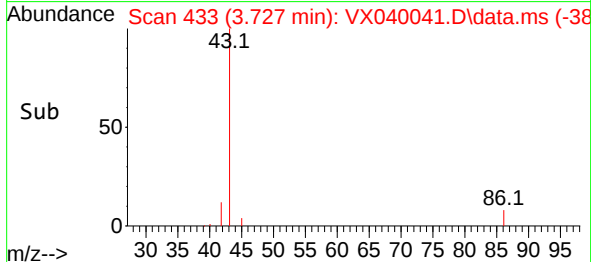
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2024



Tgt Ion: 43 Resp: 5624
 Ion Ratio Lower Upper
 43 100
 86 7.9 7.8 11.8

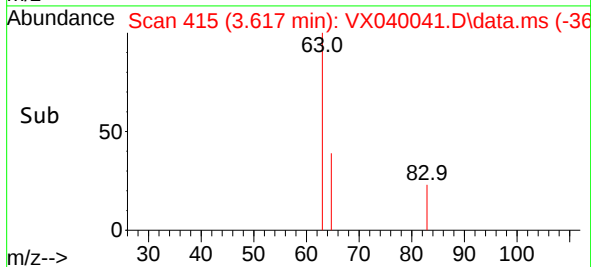
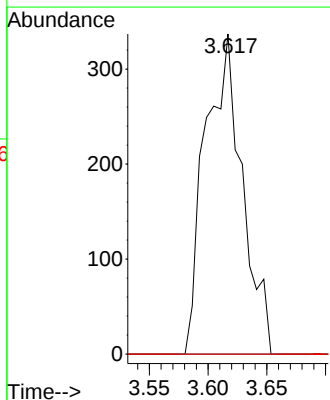
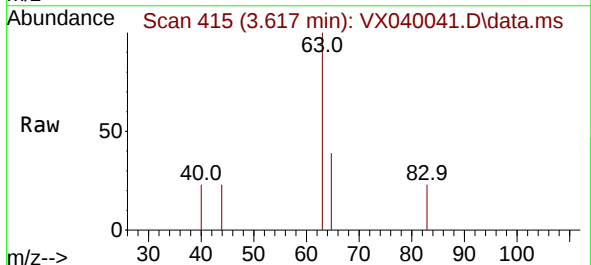
Manual Integrations
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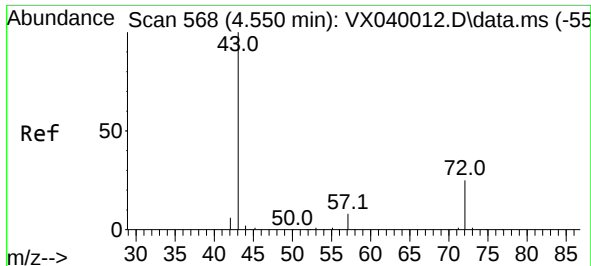
Reviewed By :John Carlone 02/01/2024
 Supervised By :Mahesh Dadoda 02/01/2024



#24
 1,1-Dichloroethane
 Concen: 0.343 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. 0.012 min
 Lab File: VX040041.D
 Acq: 31 Jan 2024 12:27

Tgt Ion: 63 Resp: 739
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.8#
 100 0.0 2.1 6.5#





#25

2-Butanone

Concen: 2.344 ug/l

RT: 4.598 min Scan# 51

Delta R.T. 0.049 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion: 43 Resp: 235

Ion Ratio Lower Upper

43 100

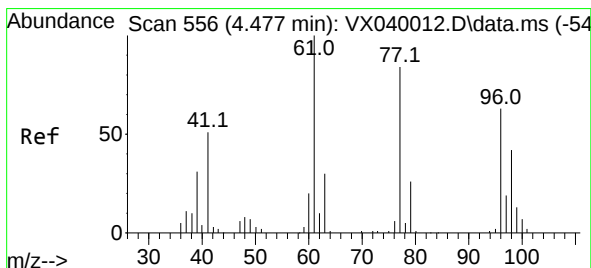
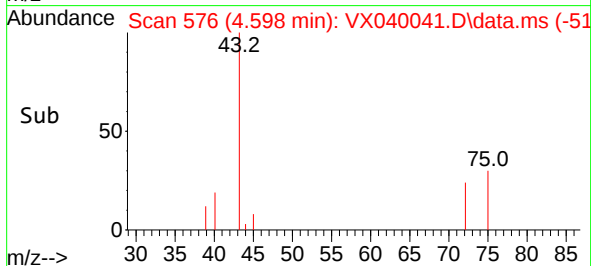
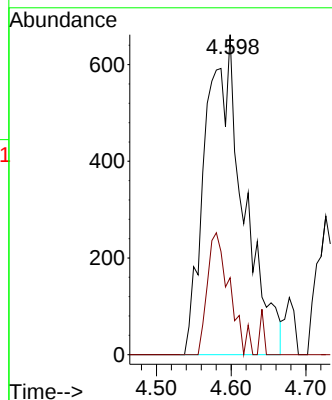
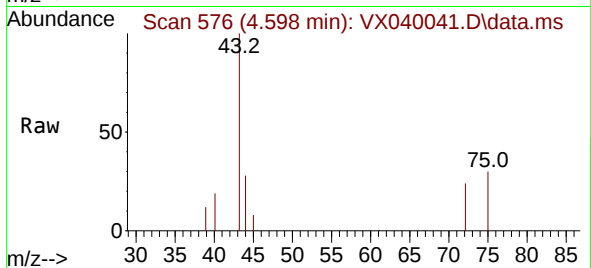
72 24.0 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#26

2,2-Dichloropropane

Concen: 0.328 ug/l

RT: 4.470 min Scan# 555

Delta R.T. -0.006 min

Lab File: VX040041.D

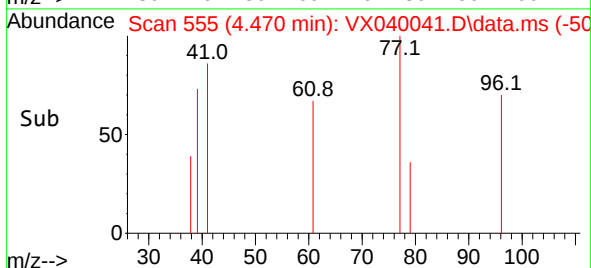
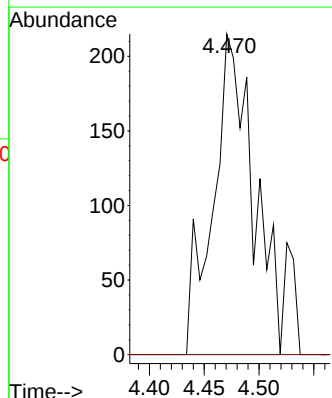
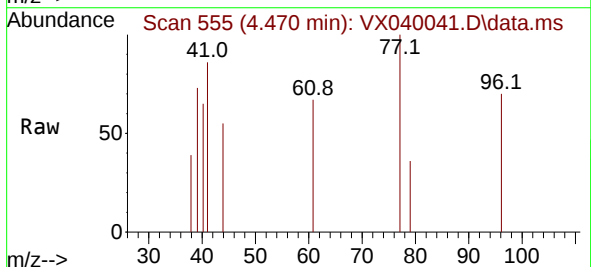
Acq: 31 Jan 2024 12:27

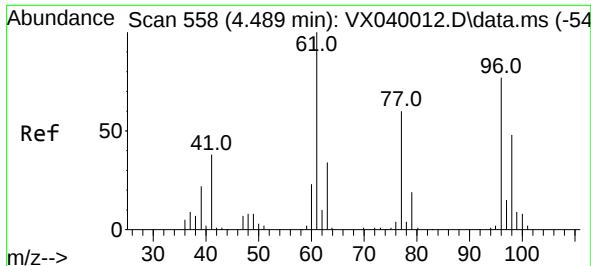
Tgt Ion: 77 Resp: 551

Ion Ratio Lower Upper

77 100

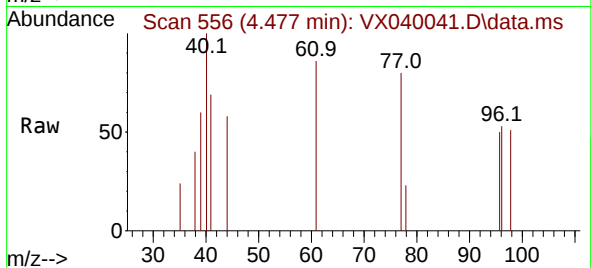
97 0.0 10.8 32.3#





#27
cis-1,2-Dichloroethene
Concen: 0.420 ug/l m
RT: 4.477 min Scan# 556
Delta R.T. -0.012 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

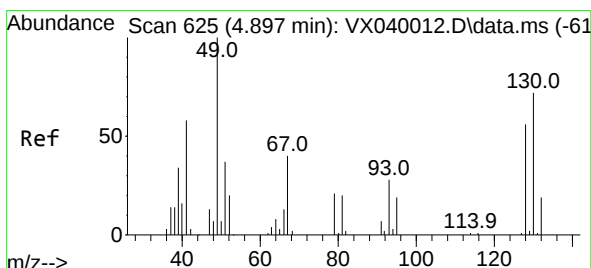
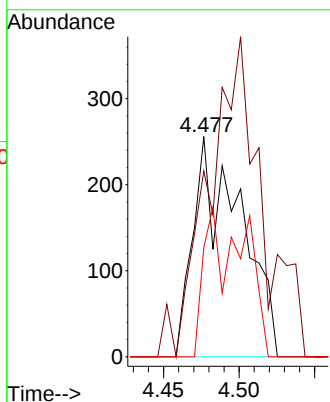
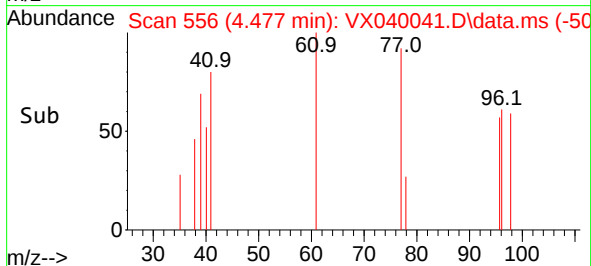
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 96 Resp: 556
Ion Ratio Lower Upper
96 100
61 0.0 0.0 312.2
98 24.6 0.0 129.0

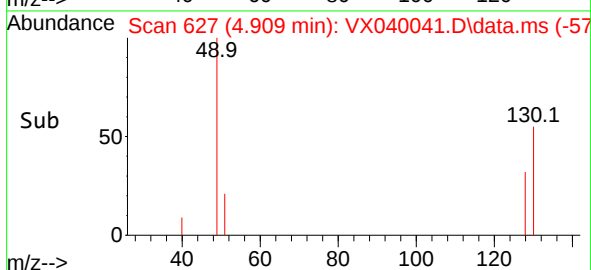
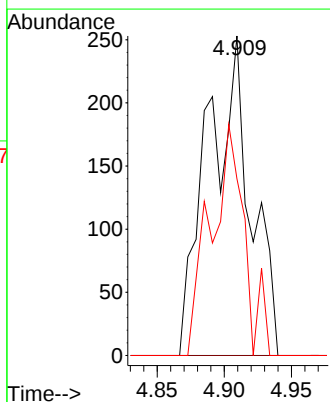
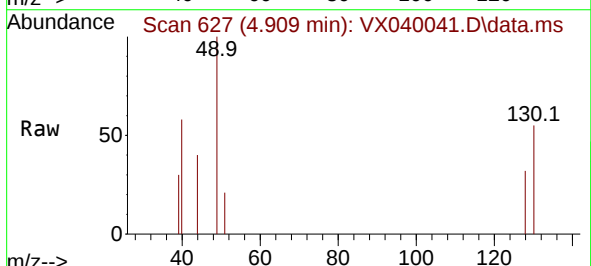
Manual Integrations
APPROVED

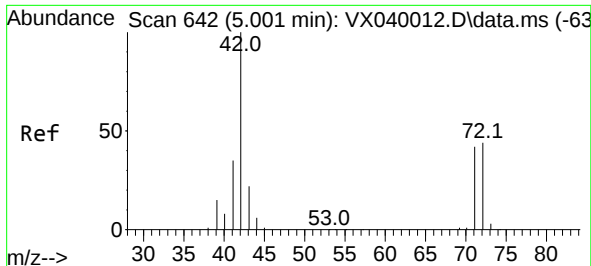
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#28
Bromochloromethane
Concen: 0.562 ug/l m
RT: 4.909 min Scan# 627
Delta R.T. 0.012 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

Tgt Ion: 49 Resp: 565
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 56.8 57.5 86.3#





#29

Tetrahydrofuran

Concen: 2.425 ug/l m

RT: 5.019 min Scan# 642

Delta R.T. 0.018 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

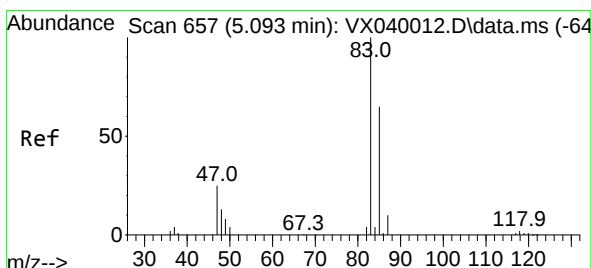
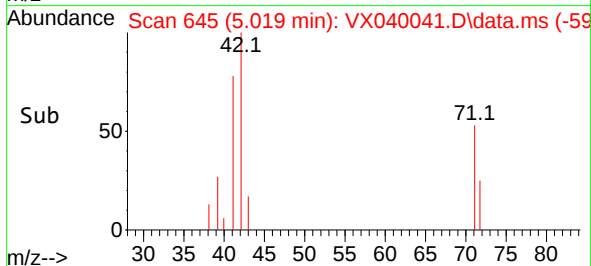
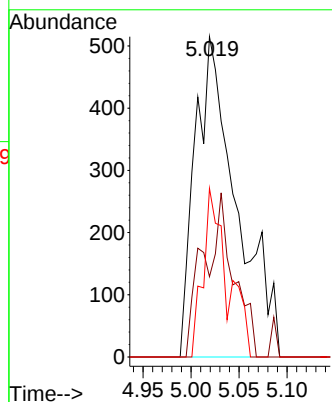
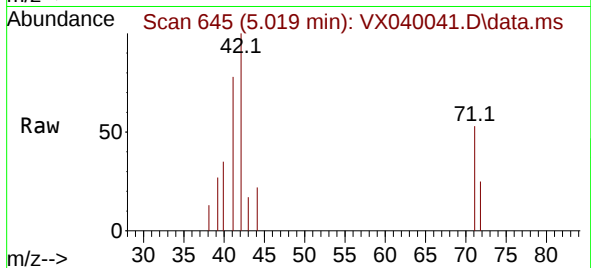
Tgt Ion:	42	Resp:	1549
Ion Ratio	Lower	Upper	
42	100		
72	36.9	34.2	51.4
71	30.7	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#30

Chloroform

Concen: 0.537 ug/l m

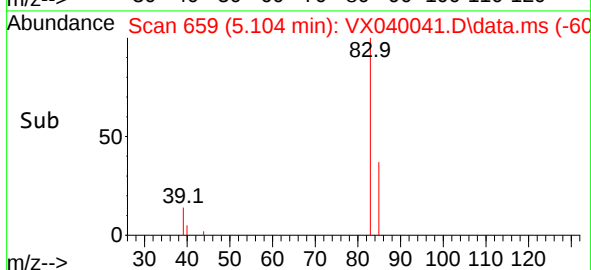
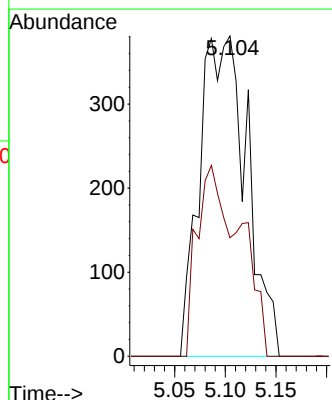
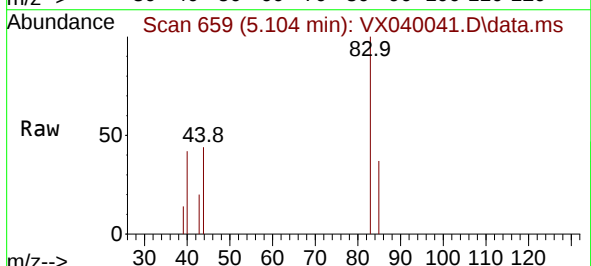
RT: 5.104 min Scan# 659

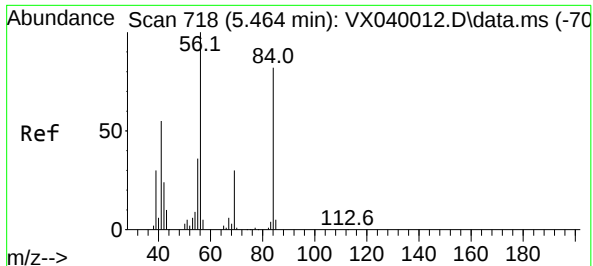
Delta R.T. 0.012 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

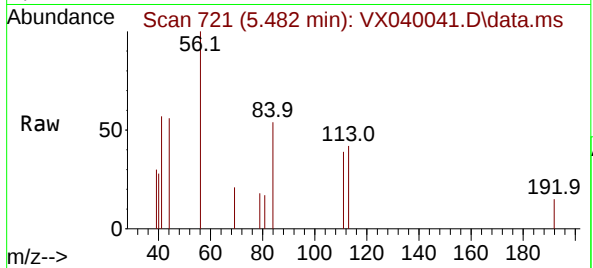
Tgt Ion:	83	Resp:	1244
Ion Ratio	Lower	Upper	
83	100		
85	37.0	50.3	75.5





#31
Cyclohexane
Concen: 0.432 ug/l m
RT: 5.482 min Scan# 718
Delta R.T. 0.018 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

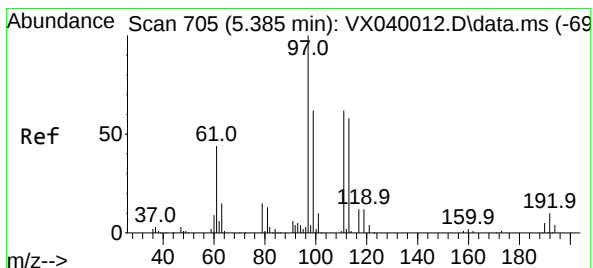
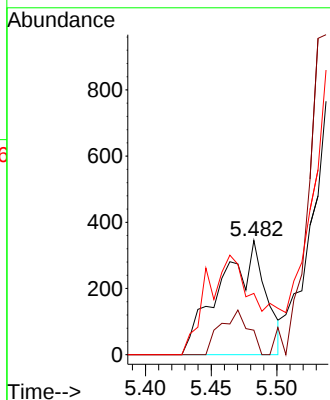
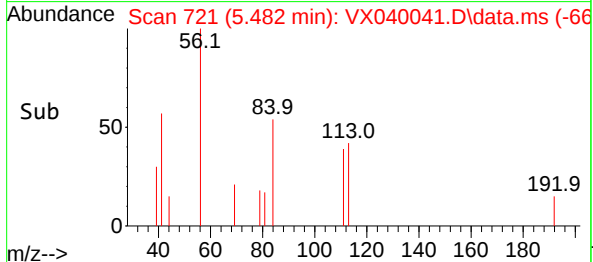
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024



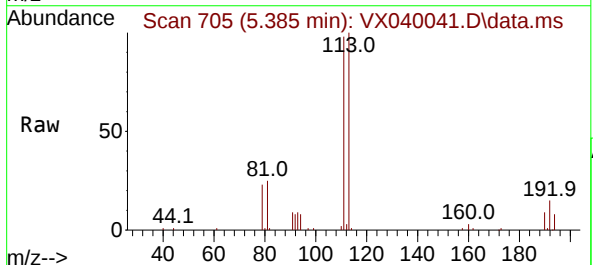
Tgt Ion: 56 Resp: 834
Ion Ratio Lower Upper
56 100
69 21.4 23.4 35.2
84 53.6 65.9 98.9

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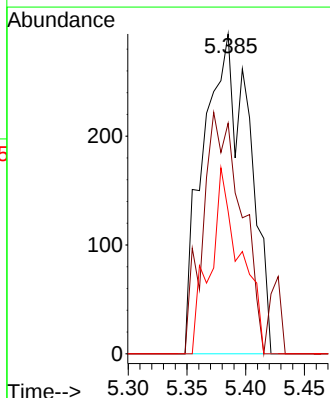
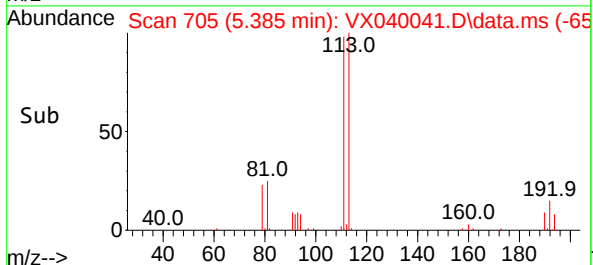
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

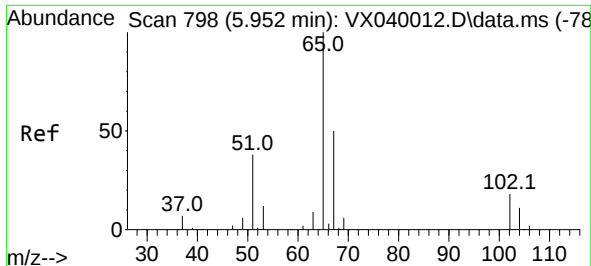


#32
1,1,1-Trichloroethane
Concen: 0.403 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27



Tgt Ion: 97 Resp: 801
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7
61 38.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 48.954 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion: 65 Resp: 7550

Ion Ratio Lower Upper

65 100

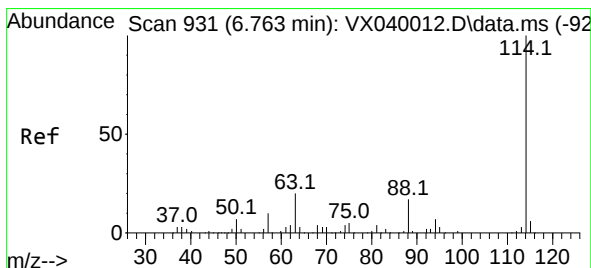
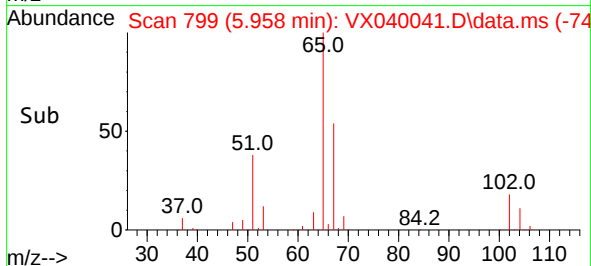
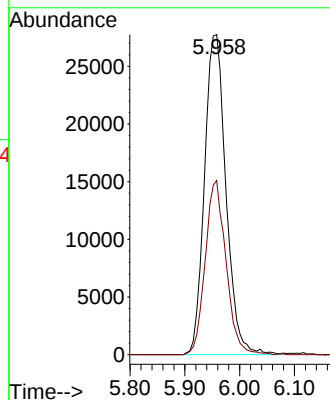
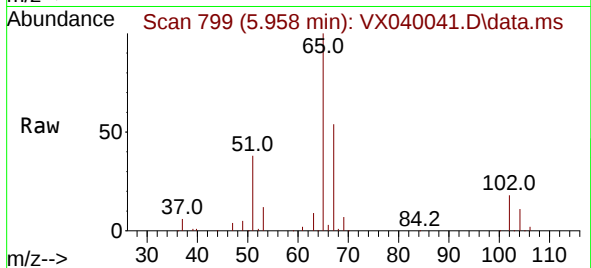
67 52.6 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

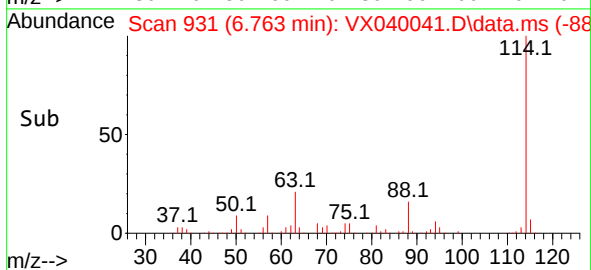
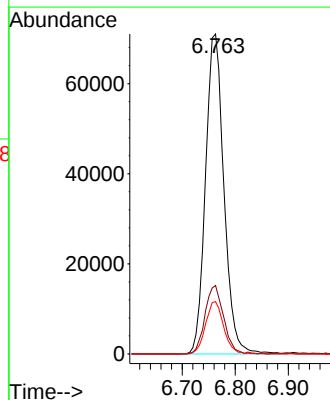
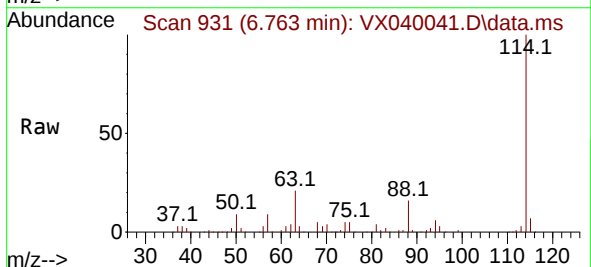
Tgt Ion:114 Resp: 171355

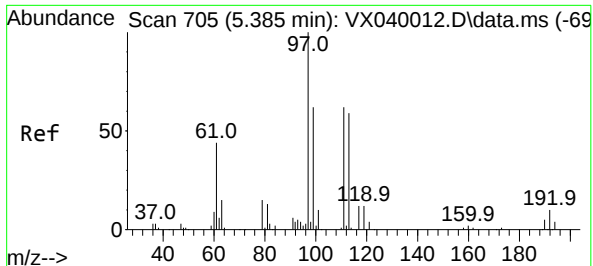
Ion Ratio Lower Upper

114 100

63 21.4 0.0 45.0

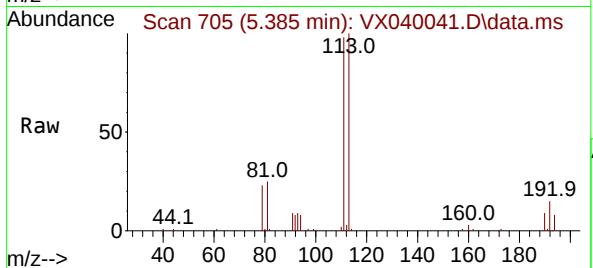
88 16.4 0.0 36.6





#35
Dibromofluoromethane
Concen: 48.666 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

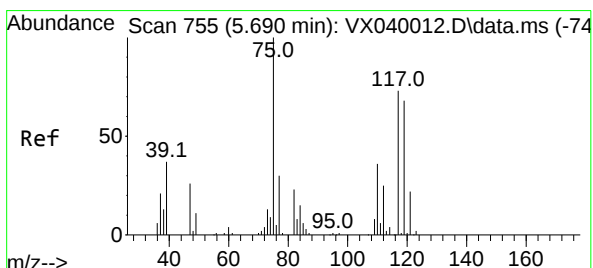
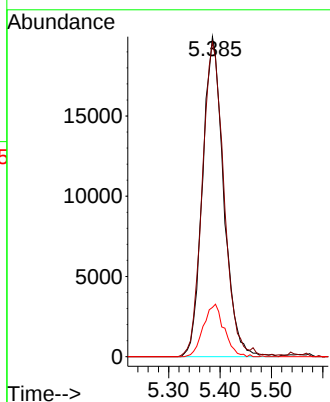
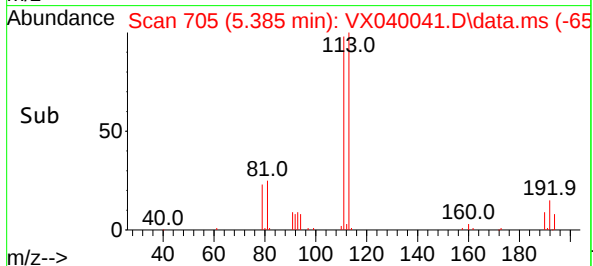
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 113 Resp: 5676
Ion Ratio Lower Upper
113 100
111 101.2 82.9 124.3
192 16.2 13.3 19.9

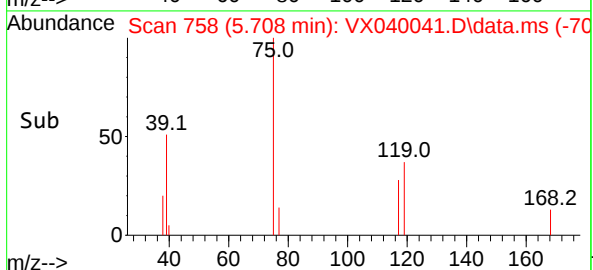
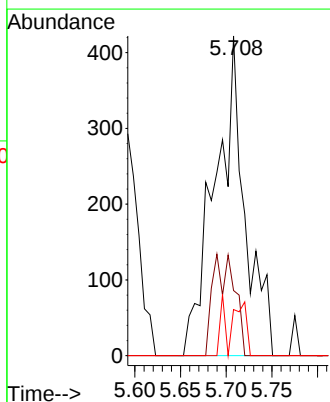
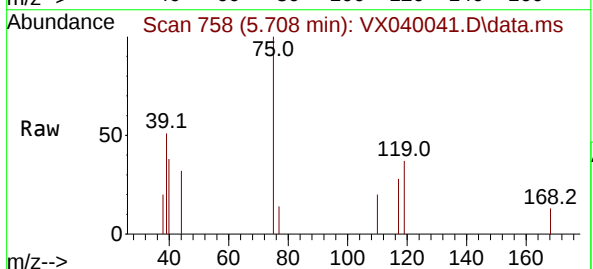
Manual Integrations
APPROVED

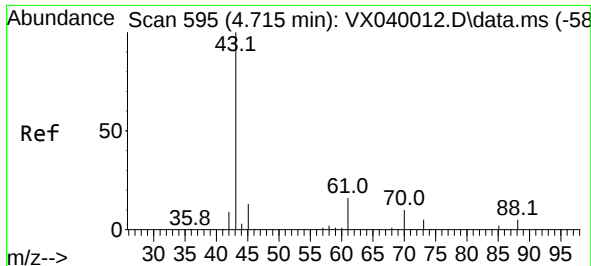
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#36
1,1-Dichloropropene
Concen: 0.572 ug/l
RT: 5.708 min Scan# 758
Delta R.T. 0.018 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

Tgt Ion: 75 Resp: 965
Ion Ratio Lower Upper
75 100
110 0.0 17.0 50.9#
77 7.3 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.658 ug/l m

RT: 4.745 min Scan# 600

Delta R.T. 0.030 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion: 43 Resp: 121

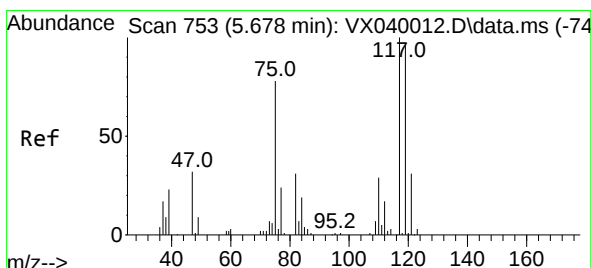
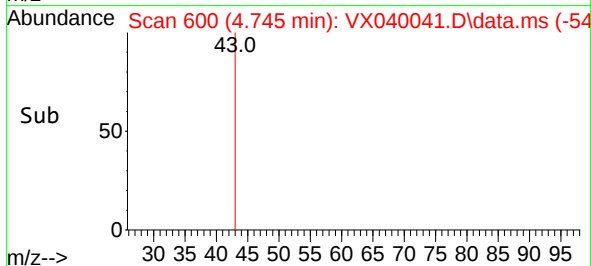
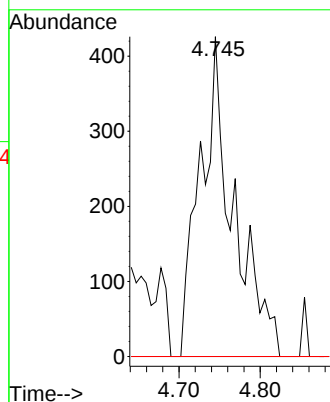
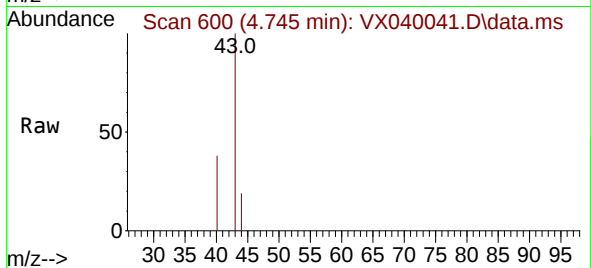
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	16.0
70	0.0	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#38

Carbon Tetrachloride

Concen: 0.397 ug/l

RT: 5.678 min Scan# 753

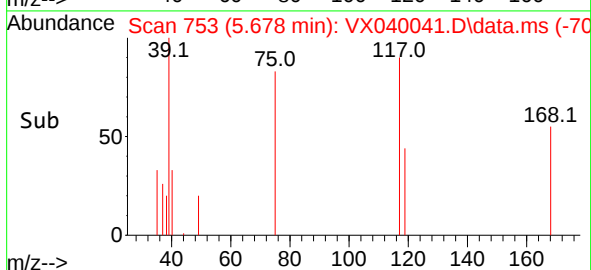
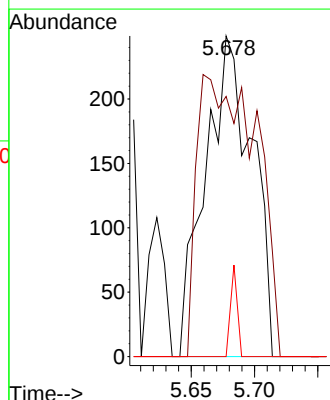
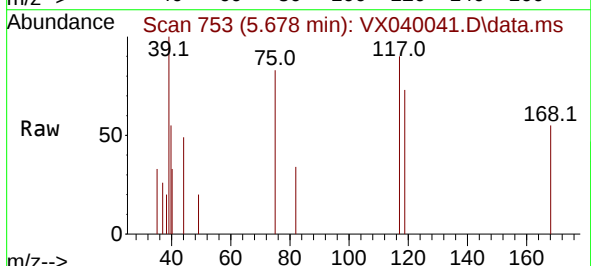
Delta R.T. -0.000 min

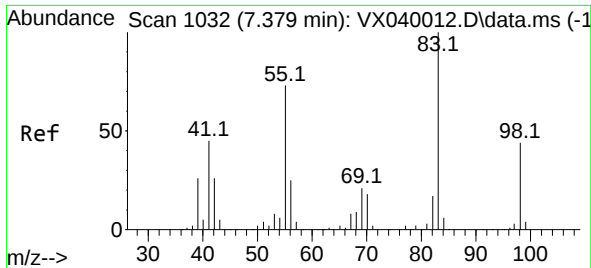
Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Tgt Ion:117 Resp: 641

Ion	Ratio	Lower	Upper
117	100		
119	81.1	78.2	117.2
121	0.0	24.4	36.6





#39

Methylcyclohexane

Concen: 0.502 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

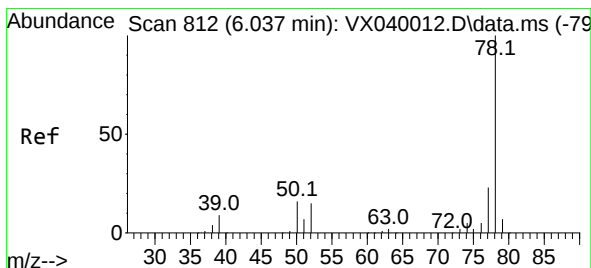
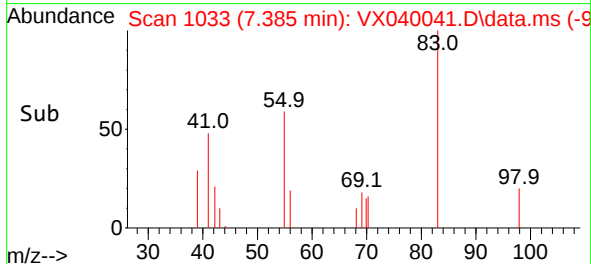
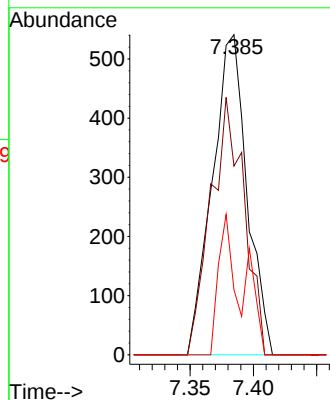
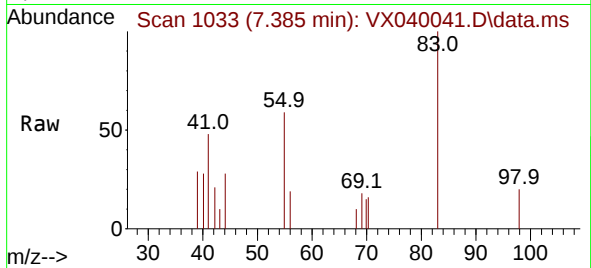
Tgt Ion: 83	Resp: 103
Ion Ratio	Lower Upper
83	100
55	59.0 64.6 97.0
98	20.3 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#40

Benzene

Concen: 0.442 ug/l

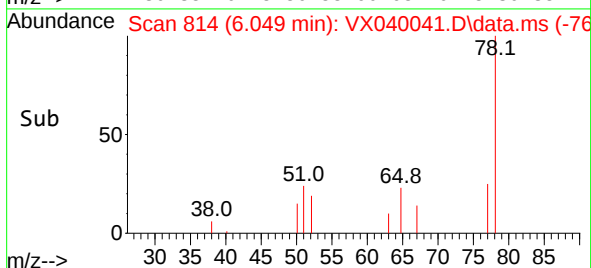
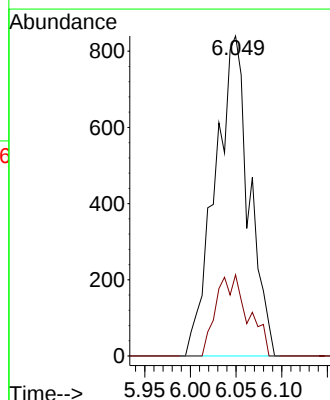
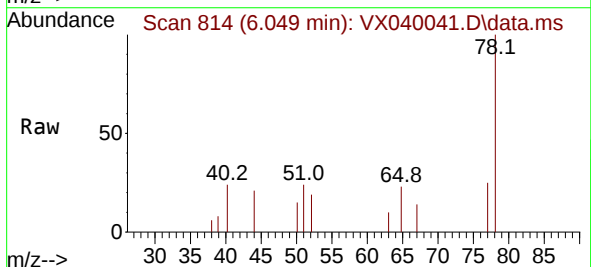
RT: 6.049 min Scan# 814

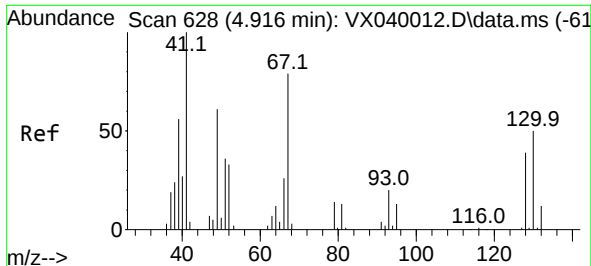
Delta R.T. 0.012 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

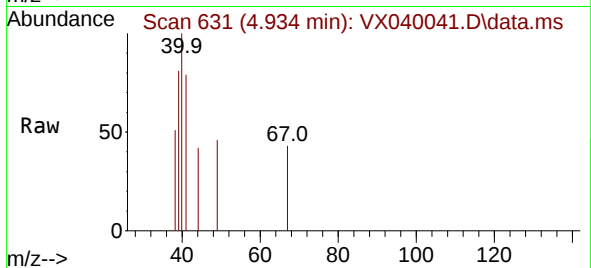
Tgt Ion: 78	Resp: 2171
Ion Ratio	Lower Upper
78	100
77	25.4 19.3 28.9





#41
Methacrylonitrile
Concen: 0.500 ug/l m
RT: 4.934 min Scan# 61
Delta R.T. 0.018 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

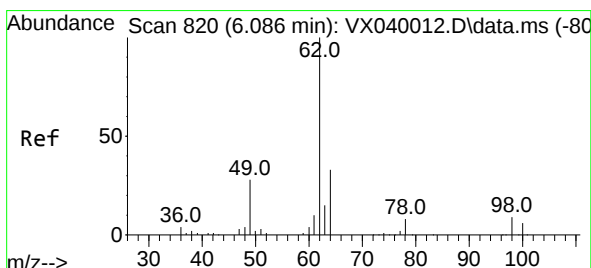
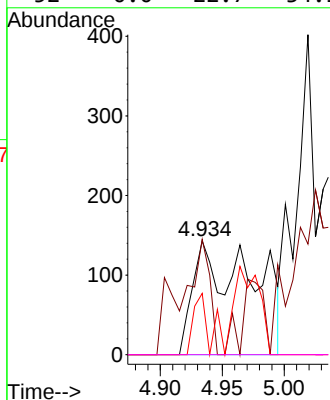
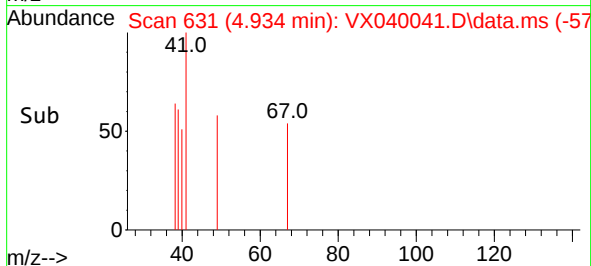
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 41 Resp: 46
Ion Ratio Lower Upper
41 100
39 32.8 45.2 67.8
67 10.7 52.6 78.8
52 0.0 22.7 34.1#

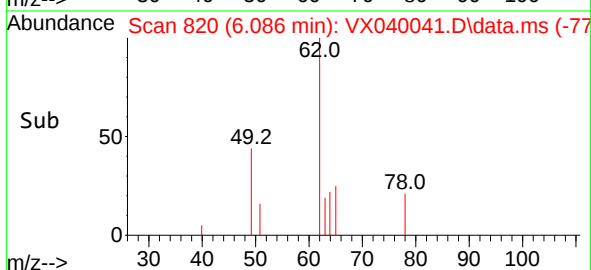
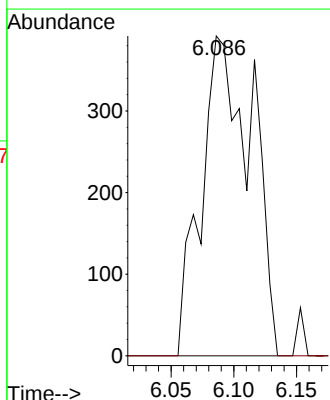
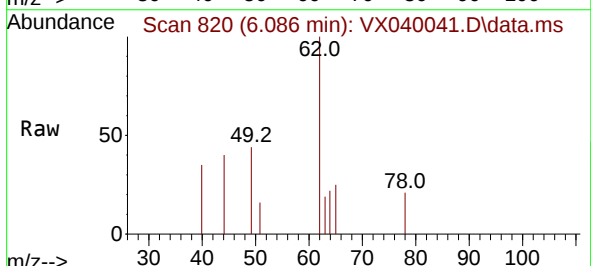
Manual Integrations
APPROVED

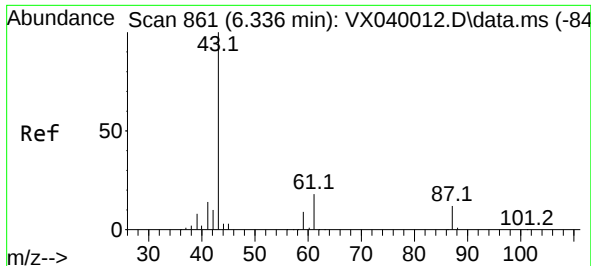
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#42
1,2-Dichloroethane
Concen: 0.581 ug/l m
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

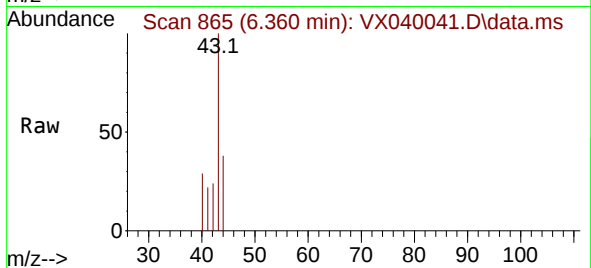
Tgt Ion: 62 Resp: 1099
Ion Ratio Lower Upper
62 100
98 0.0 0.0 16.0





#43
Isopropyl Acetate
Concen: 0.445 ug/l
RT: 6.360 min Scan# 861
Delta R.T. 0.024 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

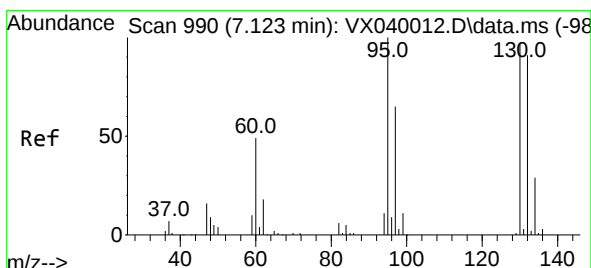
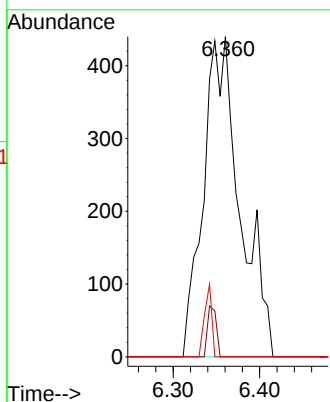
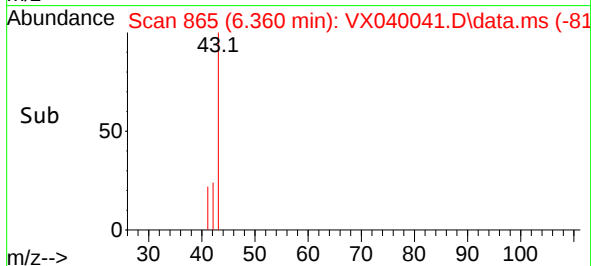
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024



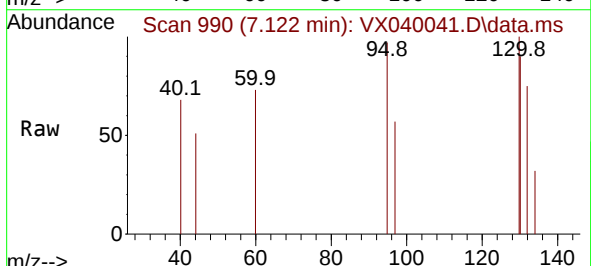
Tgt Ion: 43 Resp: 129
Ion Ratio Lower Upper
43 100
61 3.8 15.2 22.8
87 4.4 9.8 14.6

Manual Integrations
APPROVED

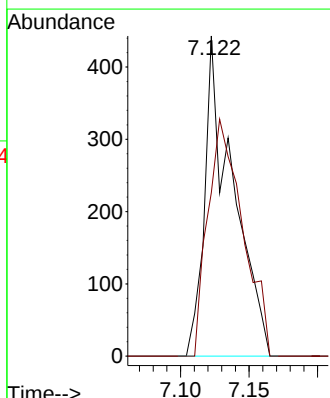
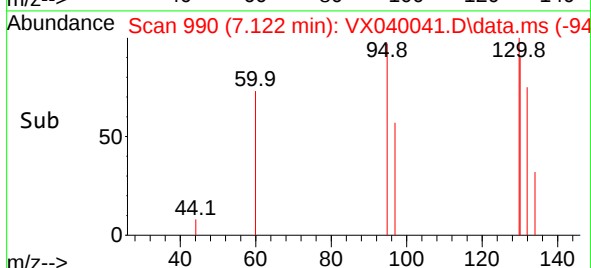
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

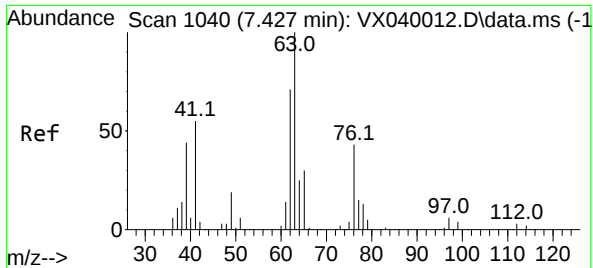


#44
Trichloroethene
Concen: 0.488 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27



Tgt Ion:130 Resp: 631
Ion Ratio Lower Upper
130 100
95 51.0 0.0 204.4





#45

1,2-Dichloropropane

Concen: 0.512 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

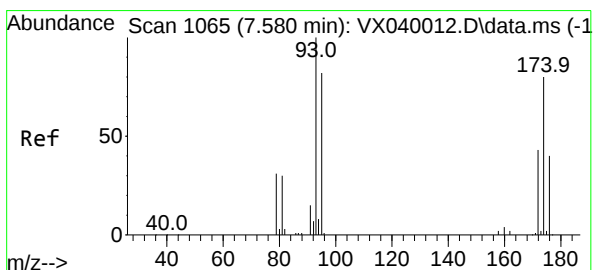
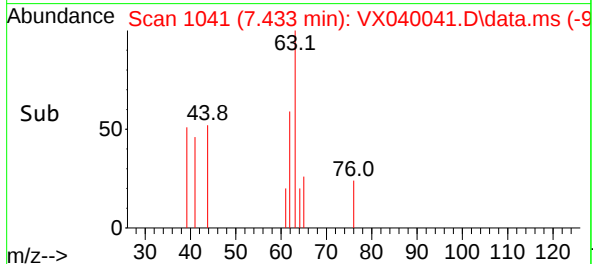
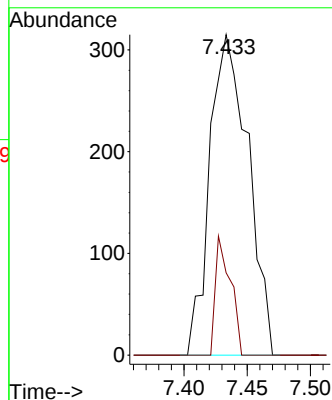
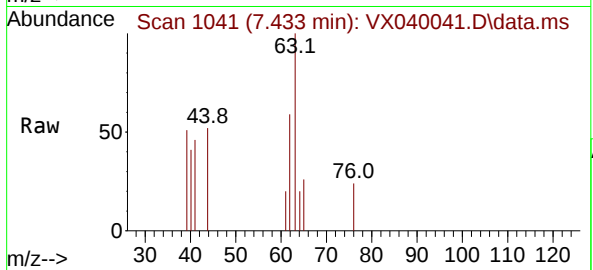
Tgt Ion: 63 Resp: 664
 Ion Ratio Lower Upper
 63 100
 65 25.7 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#46

Dibromomethane

Concen: 0.563 ug/l

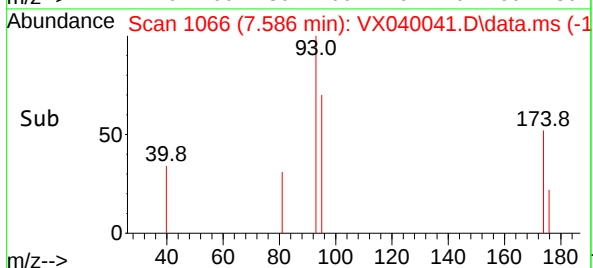
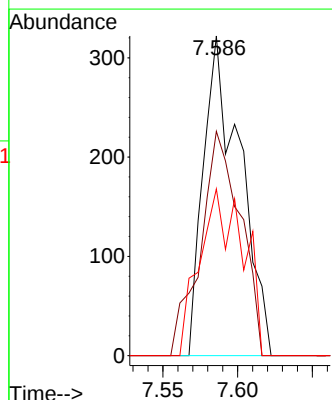
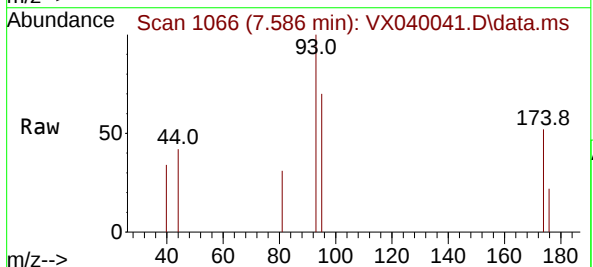
RT: 7.586 min Scan# 1066

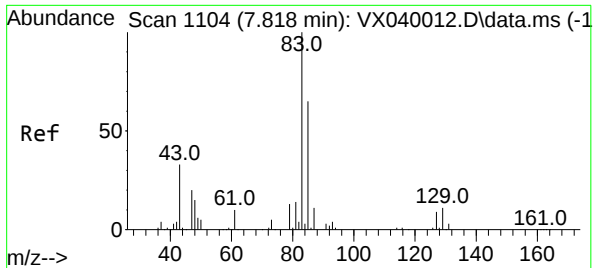
Delta R.T. 0.006 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Tgt Ion: 93 Resp: 548
 Ion Ratio Lower Upper
 93 100
 95 76.6 66.6 100.0
 174 62.2 69.4 104.0#





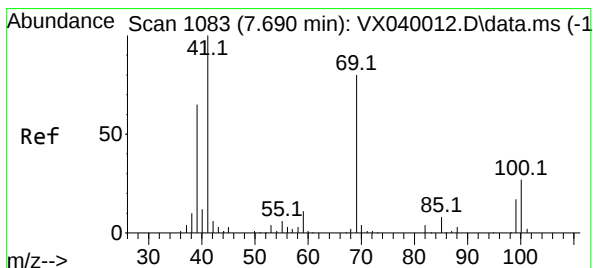
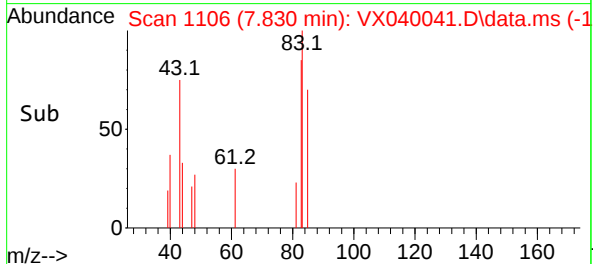
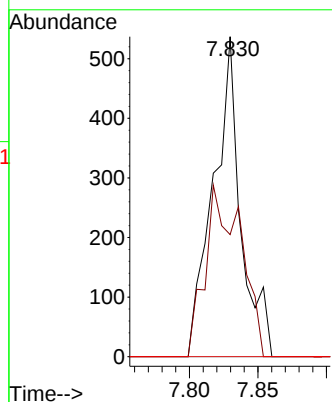
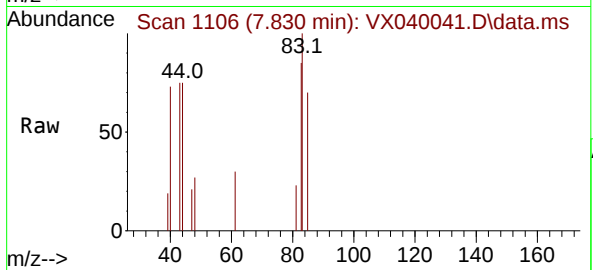
#47
Bromodichloromethane
Concen: 0.431 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. 0.012 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion: 83 Resp: 748
Ion Ratio Lower Upper
83 100
85 38.2 49.8 74.6
127 0.0 7.1 10.7

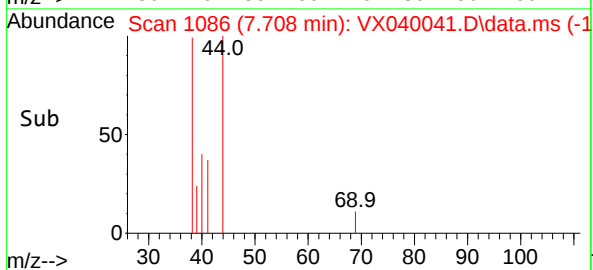
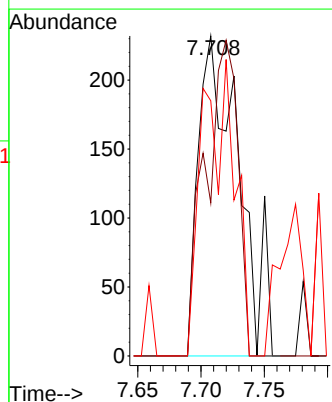
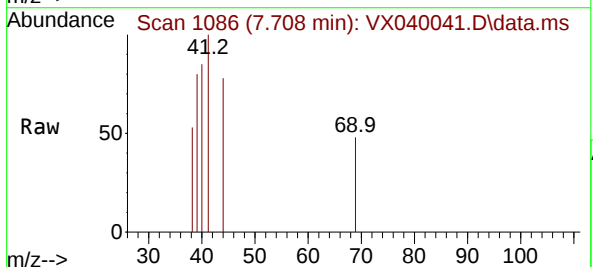
Manual Integrations
APPROVED

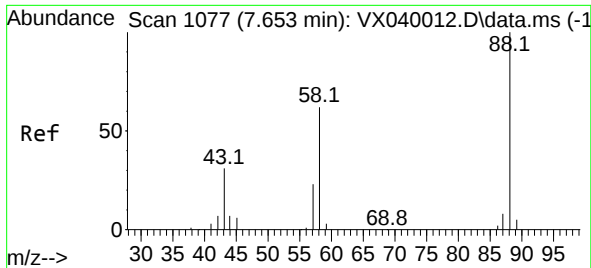
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#48
Methyl methacrylate
Concen: 0.361 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.018 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

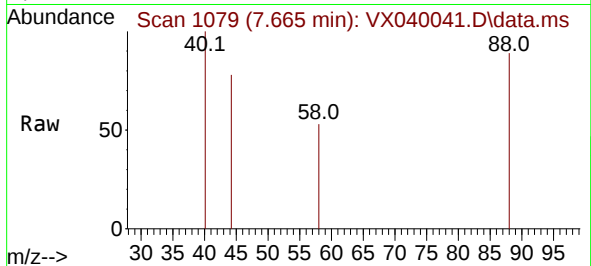
Tgt Ion: 41 Resp: 516
Ion Ratio Lower Upper
41 100
69 79.1 59.2 88.8
39 41.7 47.7 71.5





#49
1,4-Dioxane
Concen: 10.514 ug/l
RT: 7.665 min Scan# 1077
Delta R.T. 0.012 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

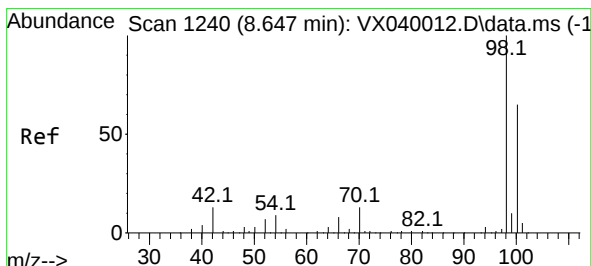
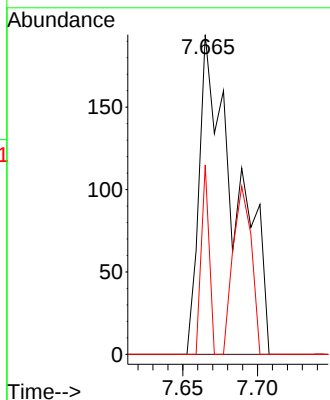
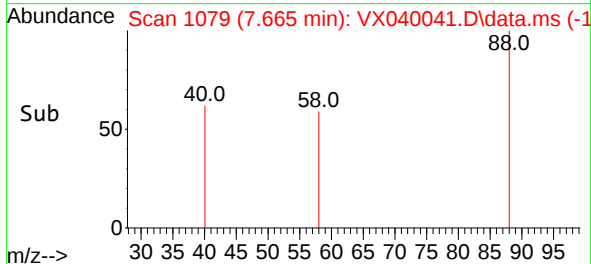
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 88 Resp: 327
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 12.8 60.1 90.1

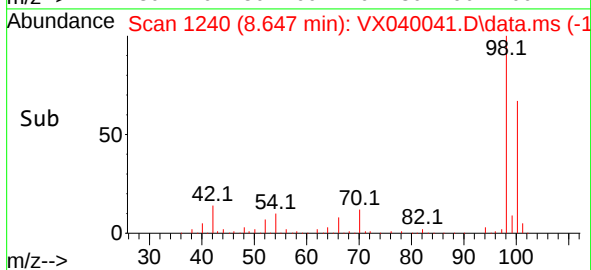
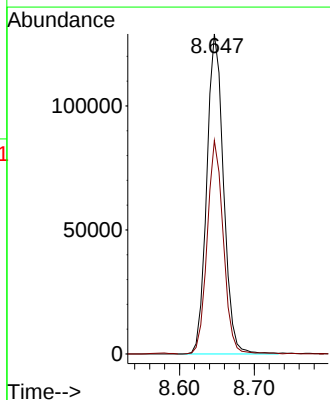
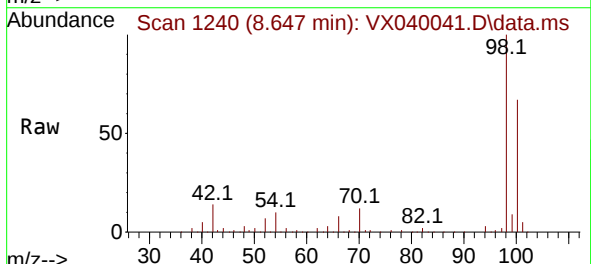
Manual Integrations
APPROVED

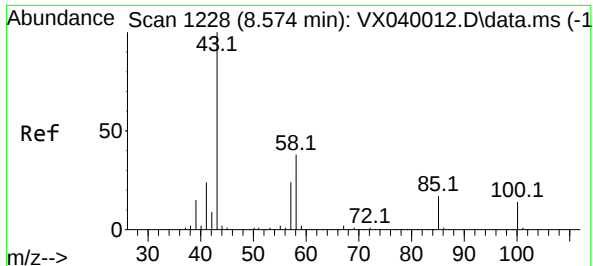
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#50
Toluene-d8
Concen: 45.945 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

Tgt Ion: 98 Resp: 200426
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7





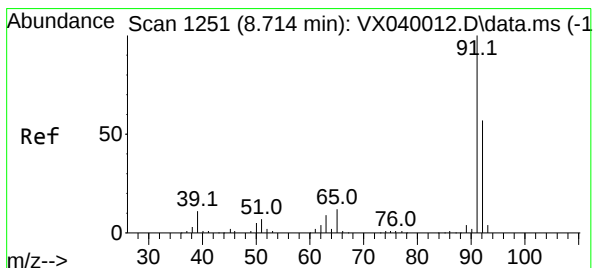
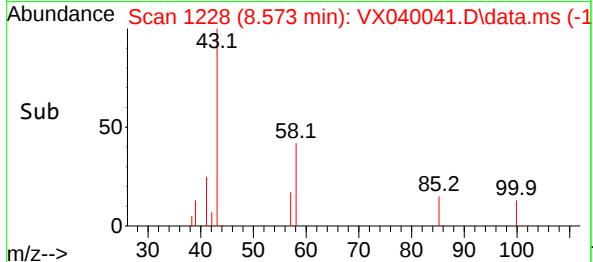
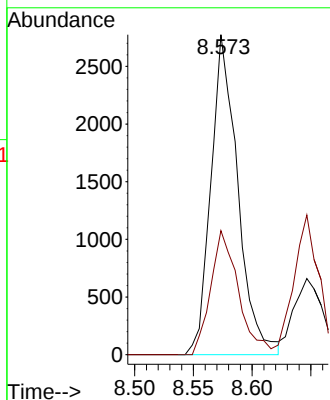
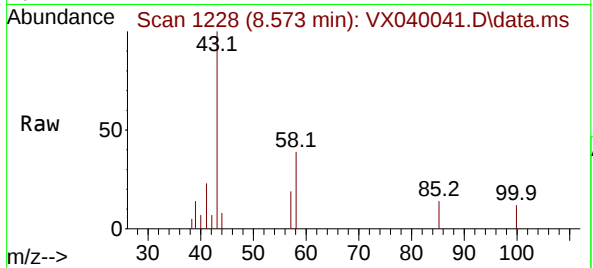
#51
4-Methyl-2-Pentanone
Concen: 2.223 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2024

Tgt Ion: 43 Resp: 4408
Ion Ratio Lower Upper
43 100
58 40.1 30.4 45.6

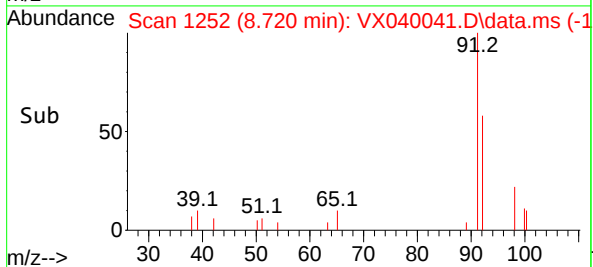
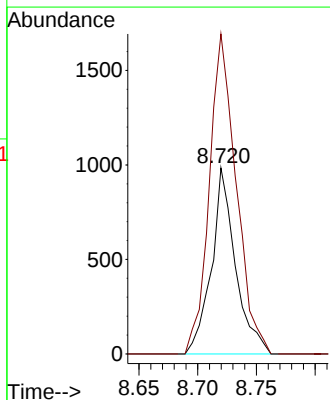
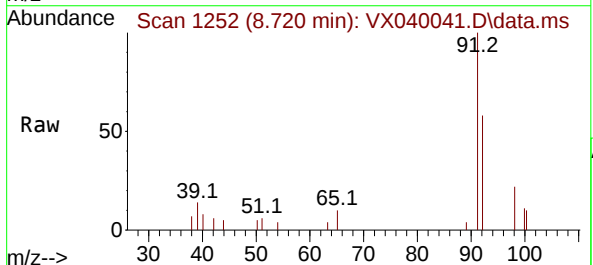
Manual Integrations
APPROVED

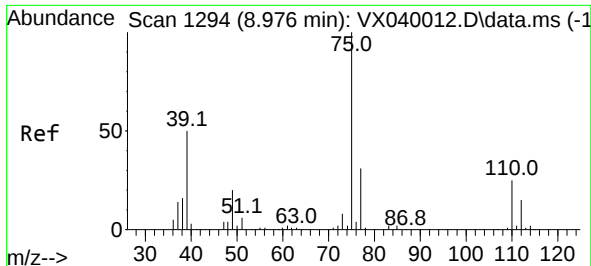
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#52
Toluene
Concen: 0.456 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

Tgt Ion: 92 Resp: 1398
Ion Ratio Lower Upper
92 100
91 193.1 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 0.291 ug/l

RT: 8.988 min Scan# 1296

Delta R.T. 0.012 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

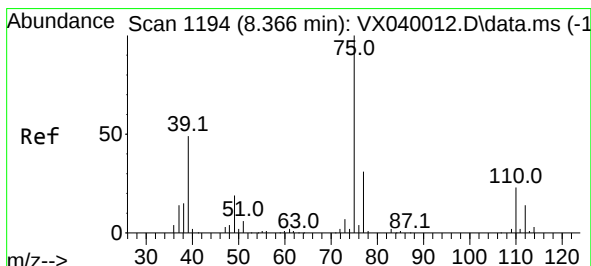
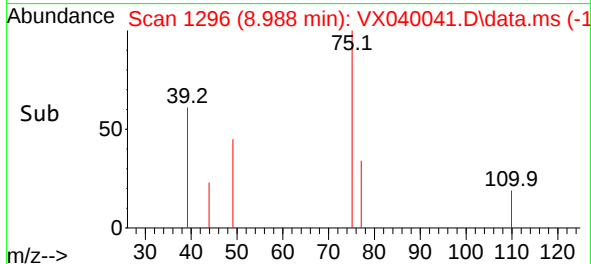
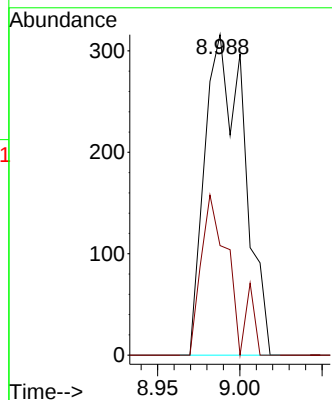
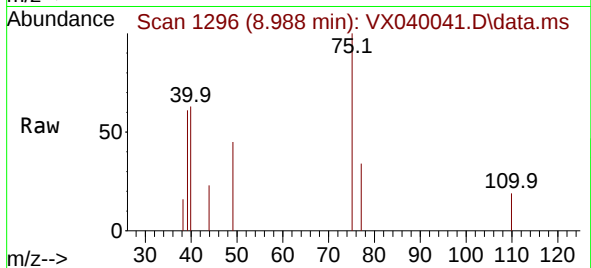
Tgt Ion: 75 Resp: 52.1
 Ion Ratio Lower Upper
 75 100
 77 34.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#54

cis-1,3-Dichloropropene

Concen: 0.365 ug/l

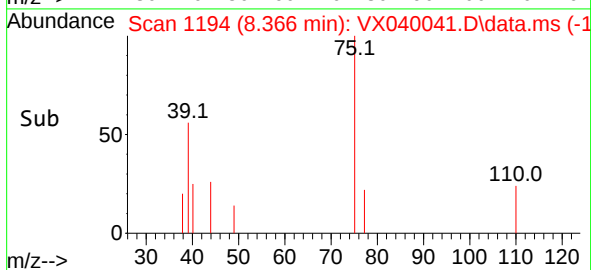
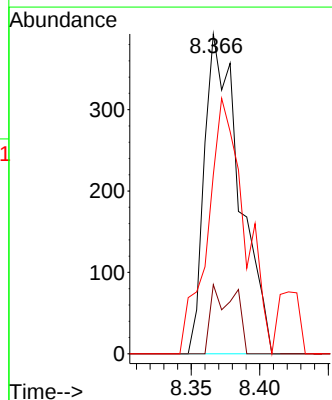
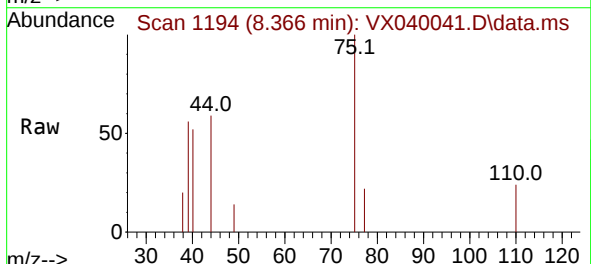
RT: 8.366 min Scan# 1194

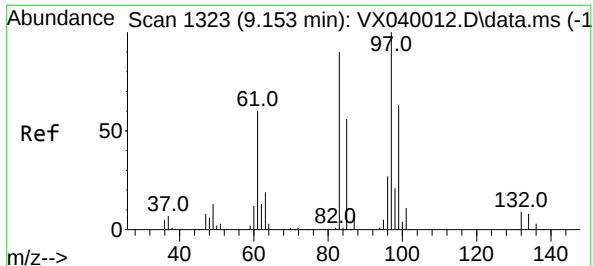
Delta R.T. -0.000 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Tgt Ion: 75 Resp: 700
 Ion Ratio Lower Upper
 75 100
 77 21.6 25.3 37.9#
 39 56.0 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 0.421 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

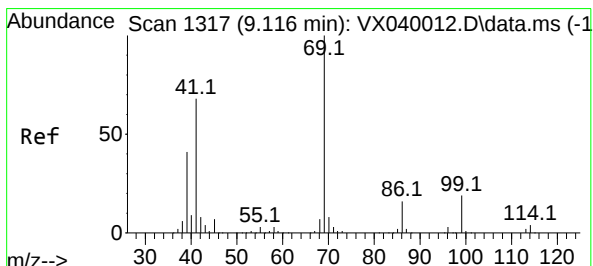
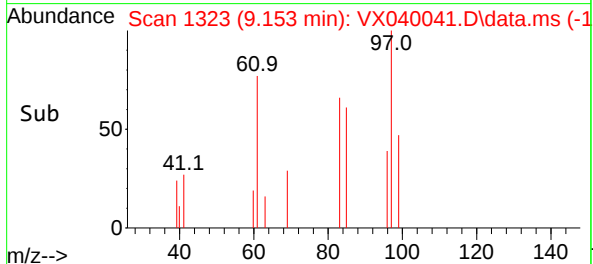
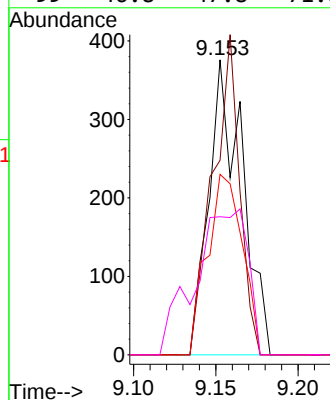
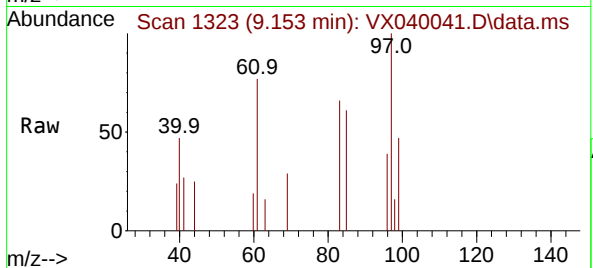
Tgt Ion:	97	Resp:	534
Ion	Ratio	Lower	Upper
97	100		
83	66.0	65.8	98.8
85	61.2	41.6	62.4
99	46.8	47.8	71.8#

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#56

Ethyl methacrylate

Concen: 0.369 ug/l

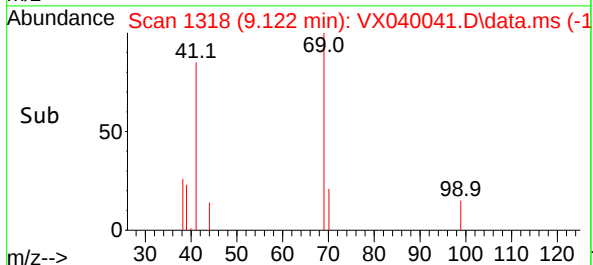
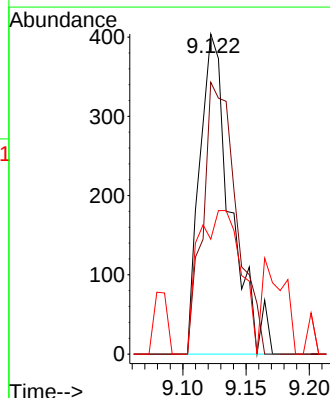
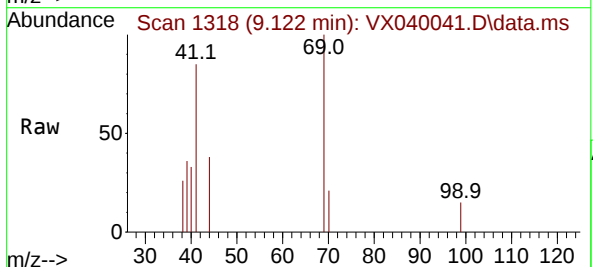
RT: 9.122 min Scan# 1318

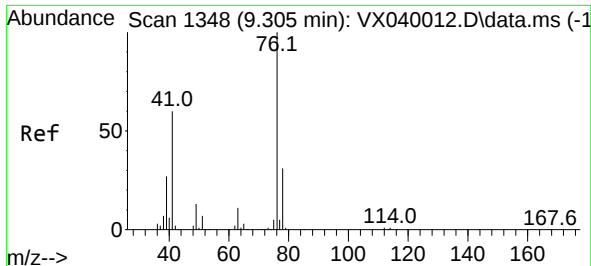
Delta R.T. 0.006 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

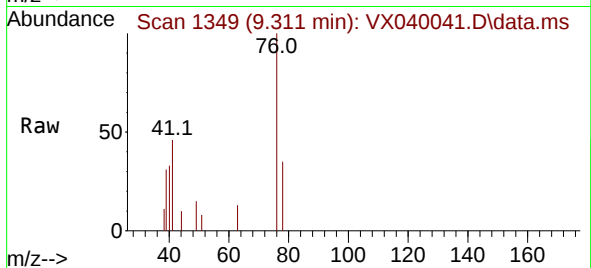
Tgt Ion:	69	Resp:	683
Ion	Ratio	Lower	Upper
69	100		
41	92.8	56.8	85.2#
39	61.9	32.0	48.0#





#57
1,3-Dichloropropane
Concen: 0.531 ug/l
RT: 9.311 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

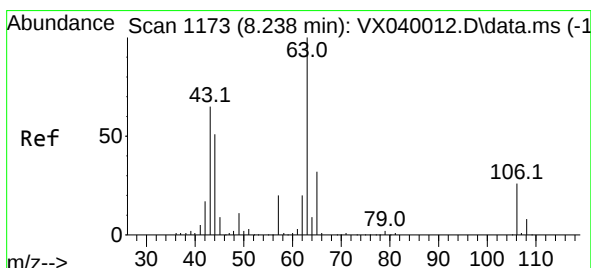
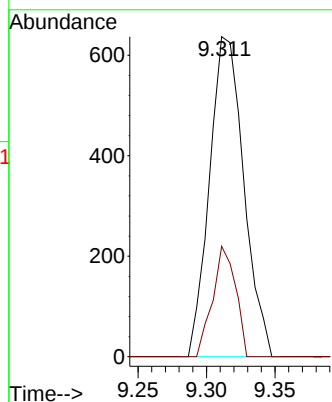
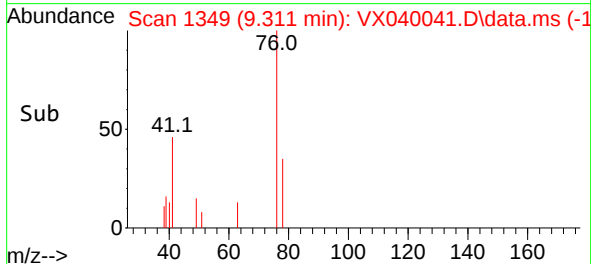
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024



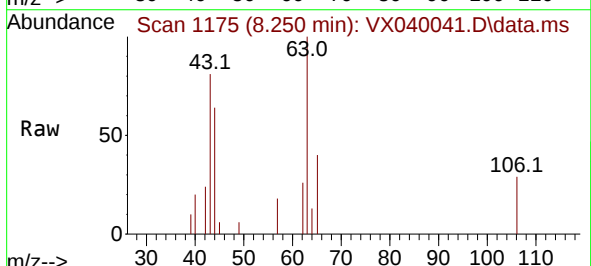
Tgt Ion: 76 Resp: 1109
Ion Ratio Lower Upper
76 100
78 23.1 26.1 39.1

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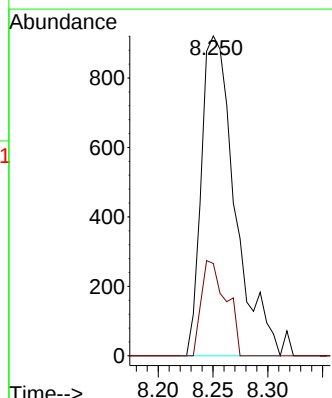
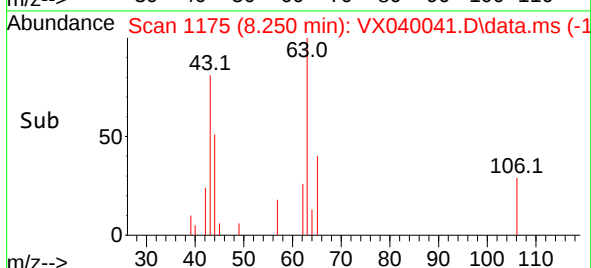
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

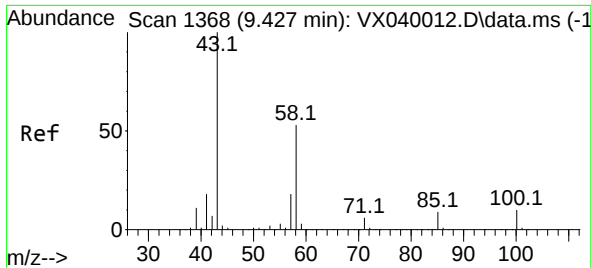


#58
2-Chloroethyl Vinyl ether
Concen: 2.108 ug/l
RT: 8.250 min Scan# 1175
Delta R.T. 0.012 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27



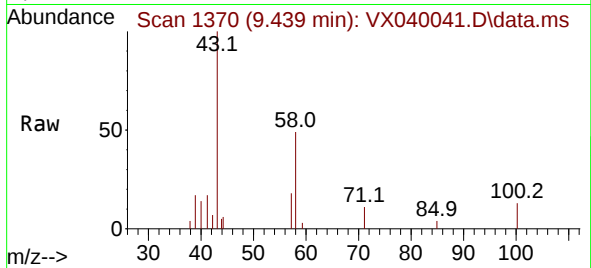
Tgt Ion: 63 Resp: 1962
Ion Ratio Lower Upper
63 100
106 22.1 22.5 33.7





#59
2-Hexanone
Concen: 2.084 ug/l m
RT: 9.439 min Scan# 1370
Delta R.T. 0.012 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

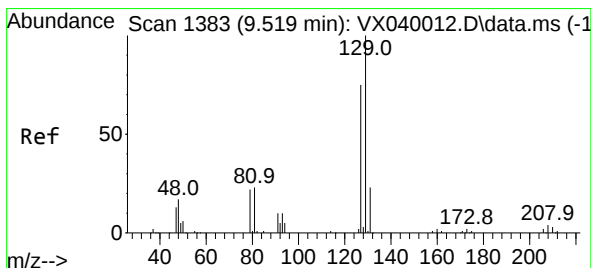
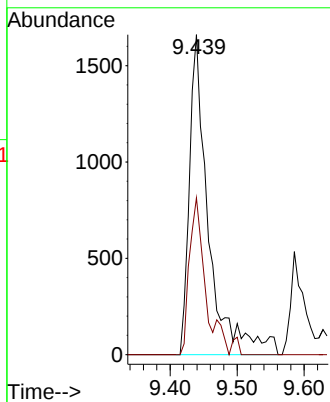
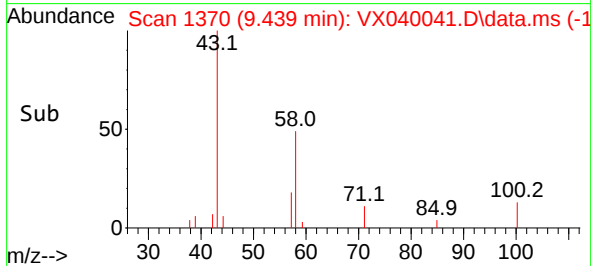
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2024



Tgt Ion: 43 Resp: 329
Ion Ratio Lower Upper
43 100
58 35.9 26.2 78.5

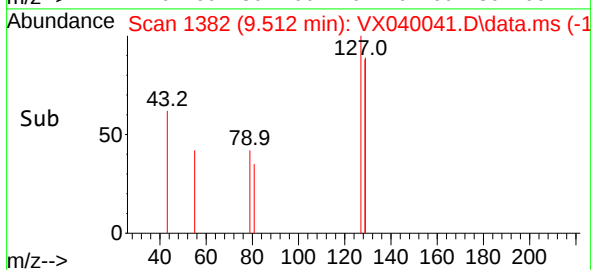
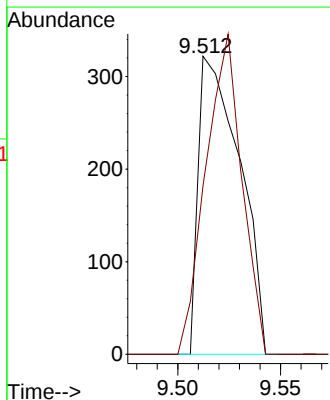
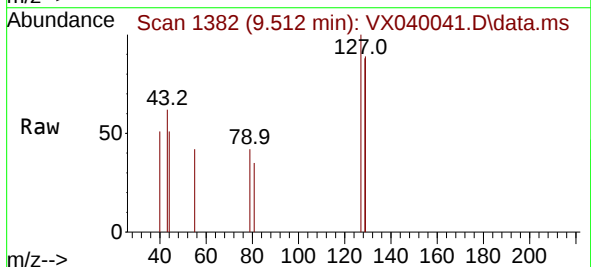
Manual Integrations
APPROVED

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



#60
Dibromochloromethane
Concen: 0.354 ug/l
RT: 9.512 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

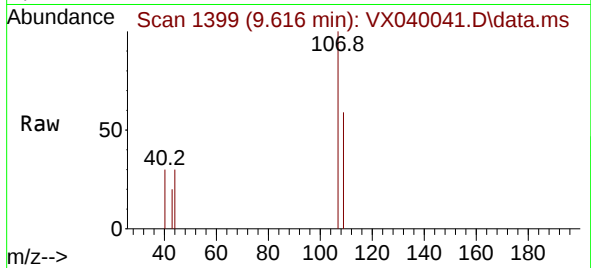
Tgt Ion:129 Resp: 451
Ion Ratio Lower Upper
129 100
127 93.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 0.478 ug/l
RT: 9.616 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

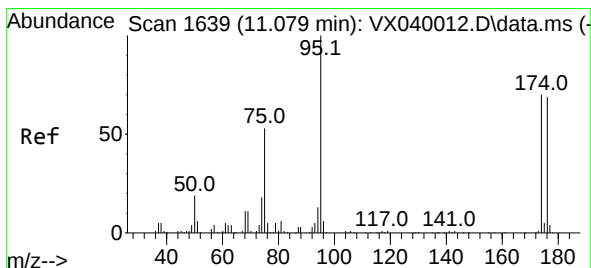
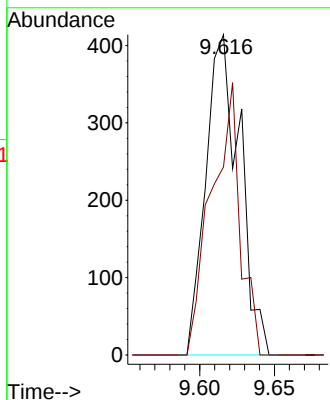
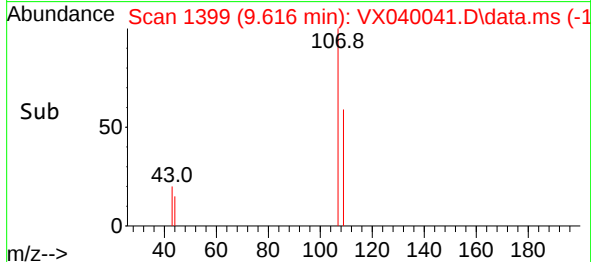
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024



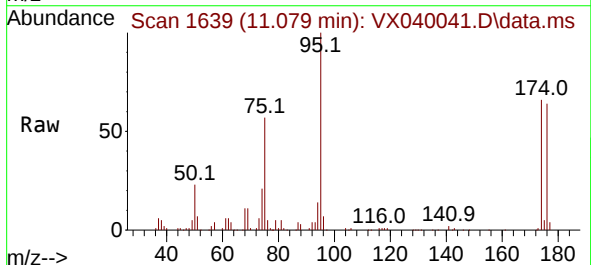
Tgt Ion:107 Resp: 658
Ion Ratio Lower Upper
107 100
109 71.3 75.2 112.8

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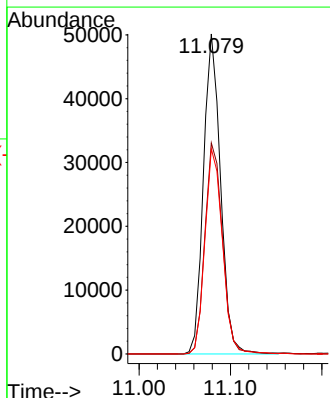
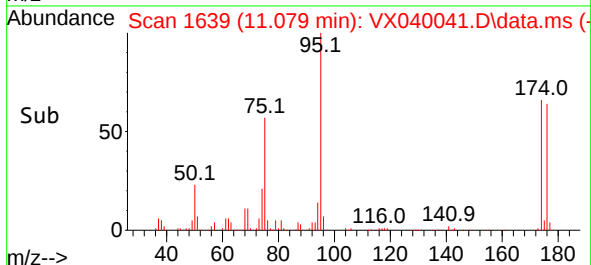
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

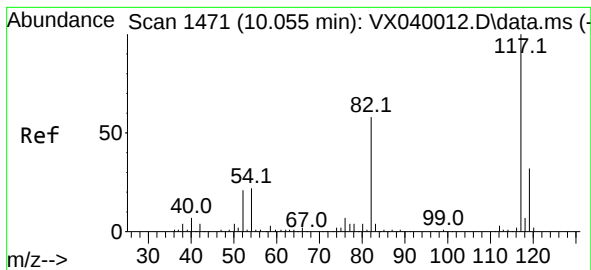


#62
4-Bromofluorobenzene
Concen: 38.690 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27



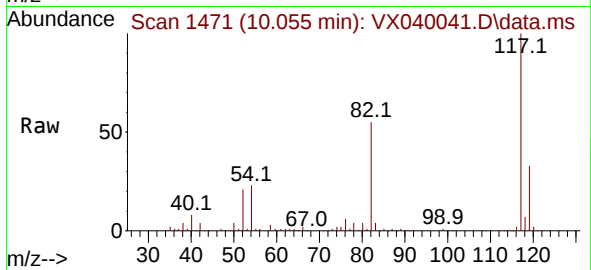
Tgt Ion: 95 Resp: 64988
Ion Ratio Lower Upper
95 100
174 68.1 0.0 135.6
176 65.9 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

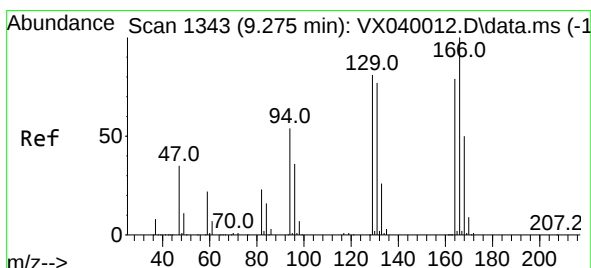
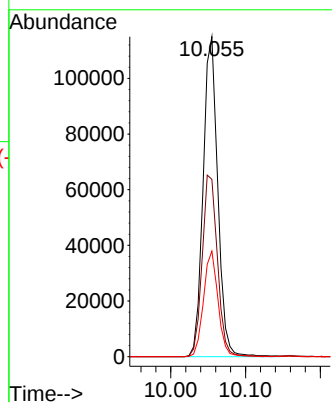
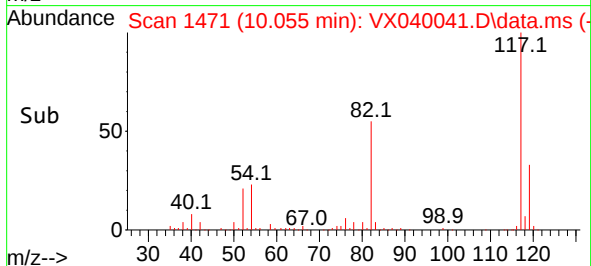
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2024



Tgt Ion:117 Resp: 15658
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.4
119 33.0 25.5 38.3

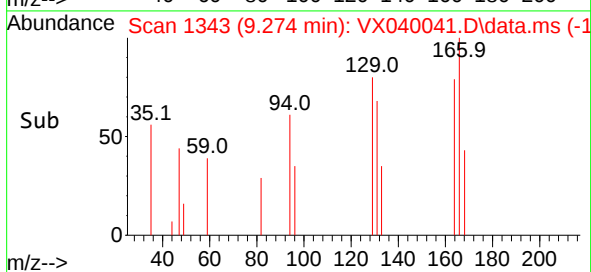
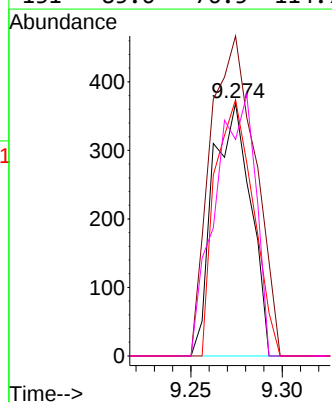
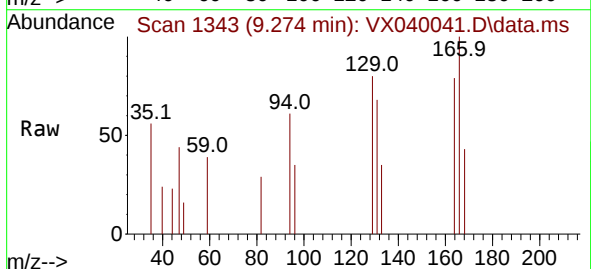
Manual Integrations
APPROVED

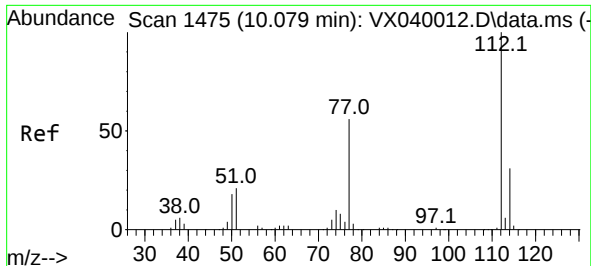
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#64
Tetrachloroethene
Concen: 0.518 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

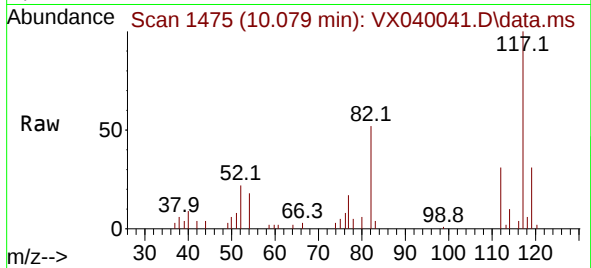
Tgt Ion:164 Resp: 528
Ion Ratio Lower Upper
164 100
166 126.6 102.7 154.1
129 101.4 80.4 120.6
131 85.6 76.5 114.7





#65
Chlorobenzene
Concen: 0.521 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

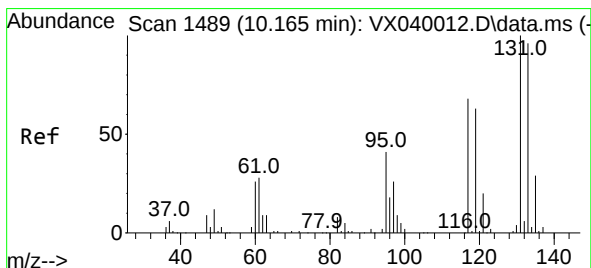
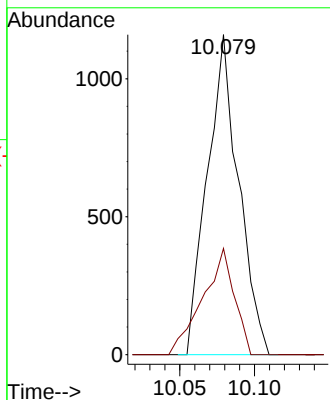
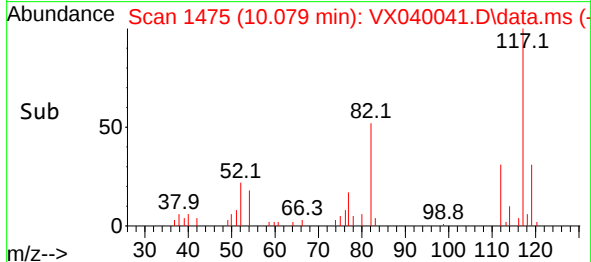
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2024



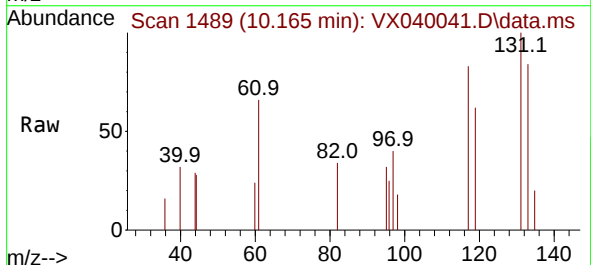
Tgt Ion:112 Resp: 168
Ion Ratio Lower Upper
112 100
114 33.2 25.7 38.5

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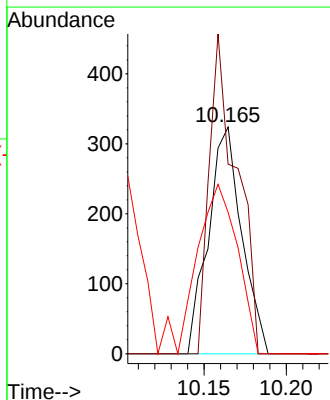
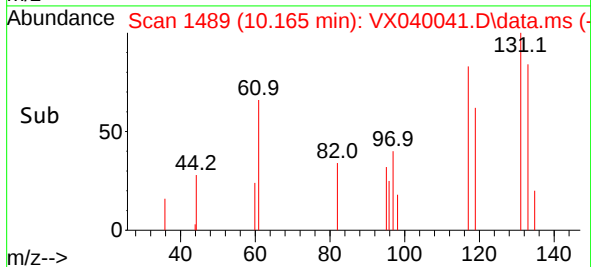
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

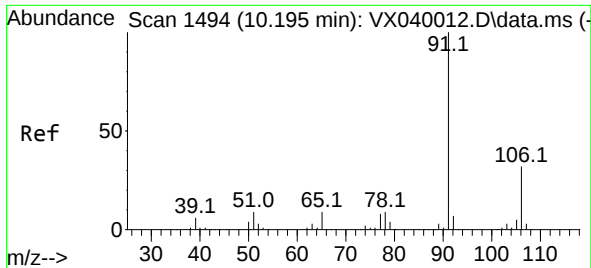


#66
1,1,1,2-Tetrachloroethane
Concen: 0.419 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27



Tgt Ion:131 Resp: 458
Ion Ratio Lower Upper
131 100
133 115.9 47.1 141.4
119 0.0 32.2 96.6#





#67

Ethyl Benzene

Concen: 0.431 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

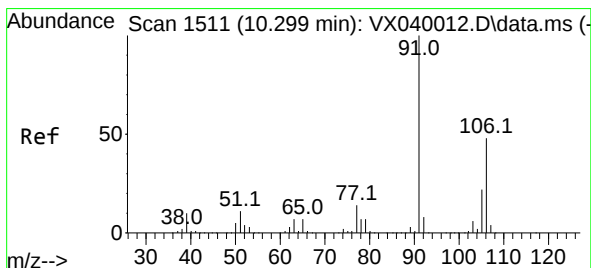
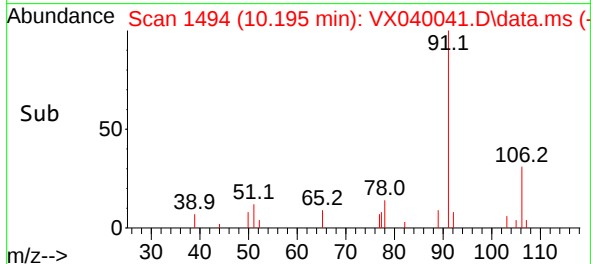
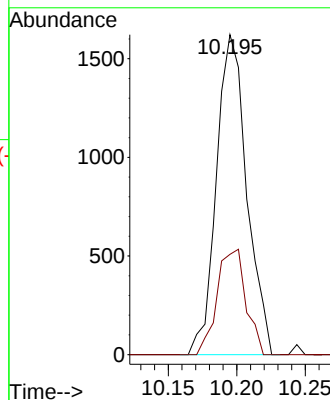
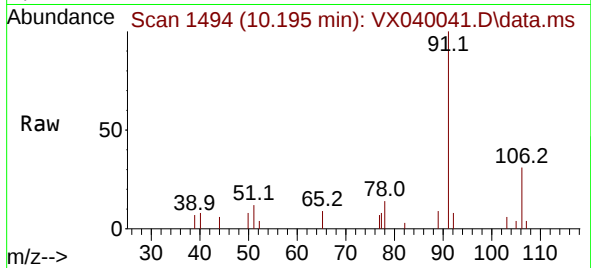
ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion: 91 Resp: 250
 Ion Ratio Lower Upper
 91 100
 106 31.3 24.9 37.3

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



#68

m/p-Xylenes

Concen: 0.878 ug/l

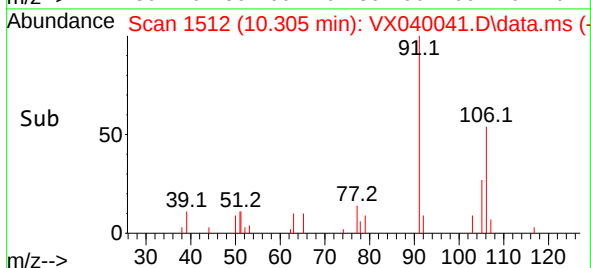
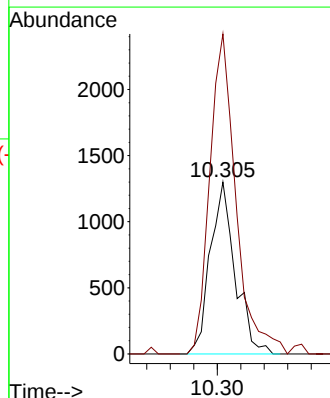
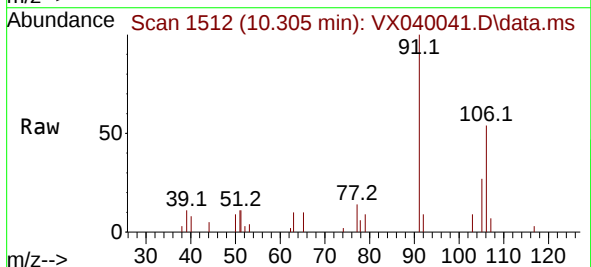
RT: 10.305 min Scan# 1512

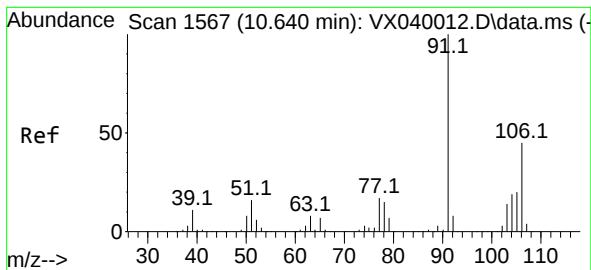
Delta R.T. 0.006 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Tgt Ion:106 Resp: 1919
 Ion Ratio Lower Upper
 106 100
 91 194.8 165.5 248.3





#69

o-Xylene

Concen: 0.367 ug/l

RT: 10.646 min Scan# 1567

Delta R.T. 0.006 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

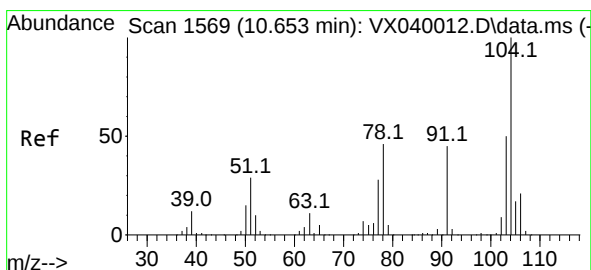
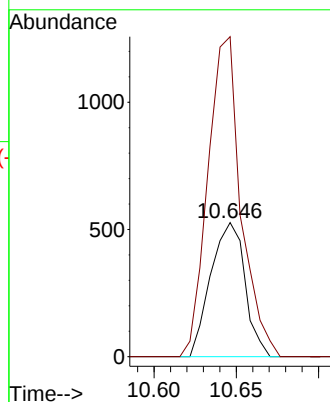
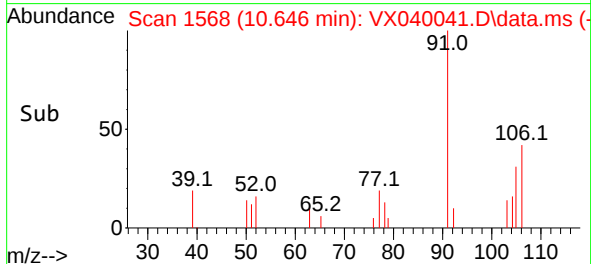
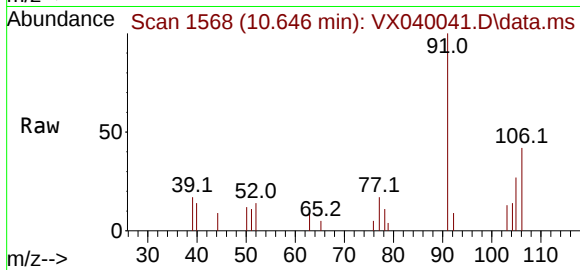
Tgt Ion:106 Resp: 76
 Ion Ratio Lower Upper
 106 100
 91 231.4 108.9 326.8

Manual Integrations

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Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#70

Styrene

Concen: 0.340 ug/l

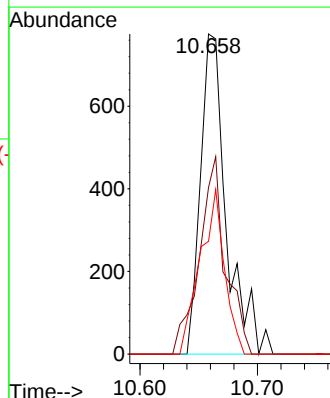
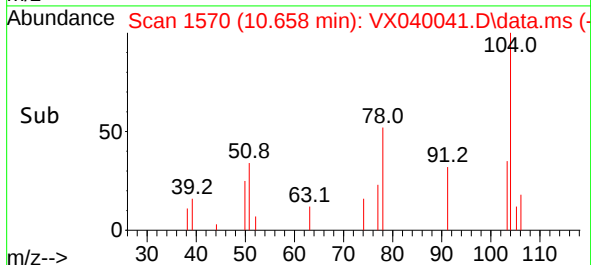
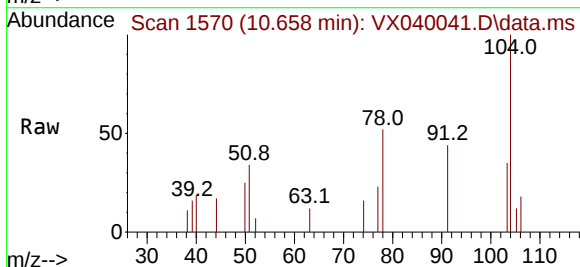
RT: 10.658 min Scan# 1570

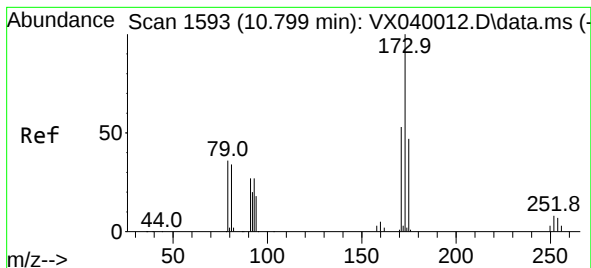
Delta R.T. 0.005 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Tgt Ion:104 Resp: 1189
 Ion Ratio Lower Upper
 104 100
 78 62.4 43.6 65.4
 103 48.4 43.6 65.4





#71

Bromoform

Concen: 0.520 ug/l

RT: 10.805 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

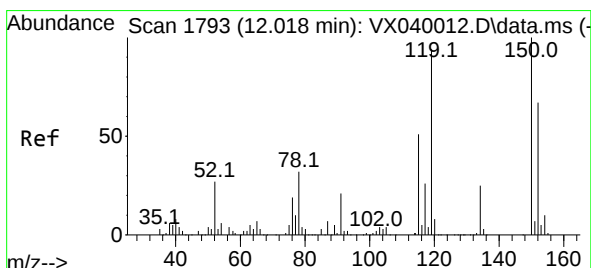
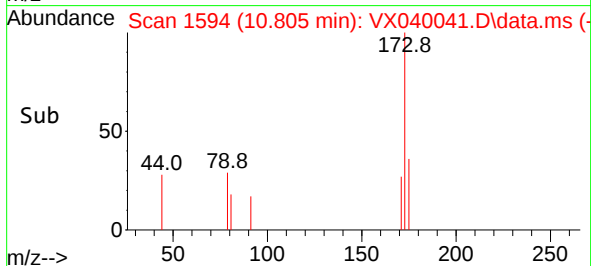
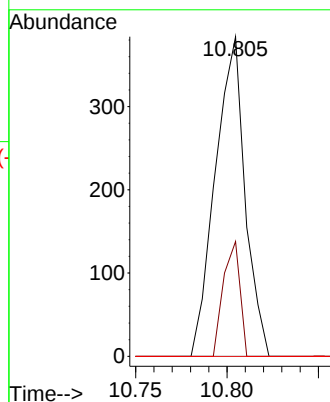
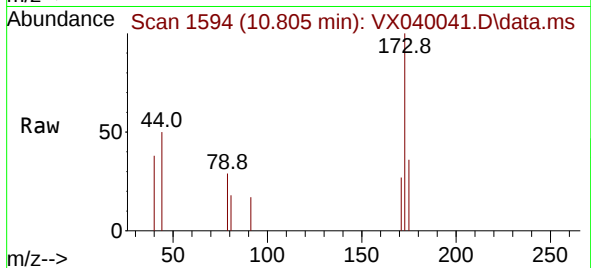
ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion:173 Resp: 435
 Ion Ratio Lower Upper
 173 100
 175 20.0 24.1 72.4
 254 0.0 0.0 0.0

Manual Integrations
 APPROVED

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

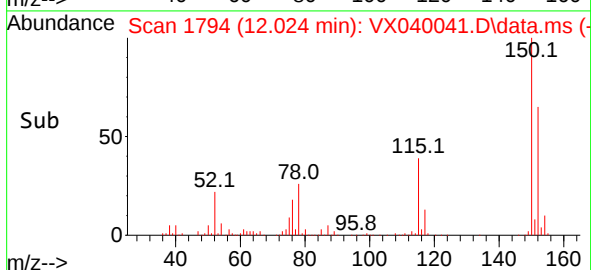
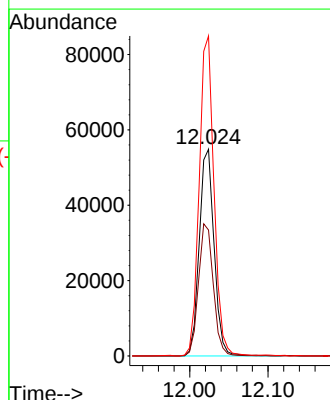
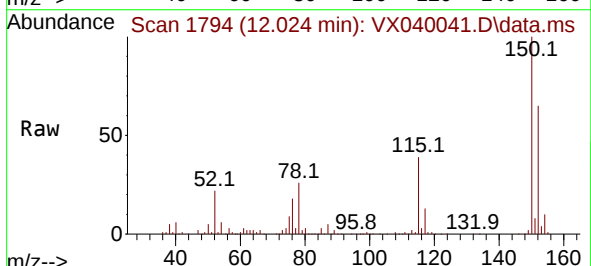
RT: 12.024 min Scan# 1794

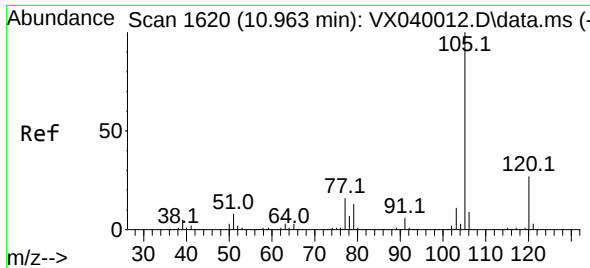
Delta R.T. 0.006 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

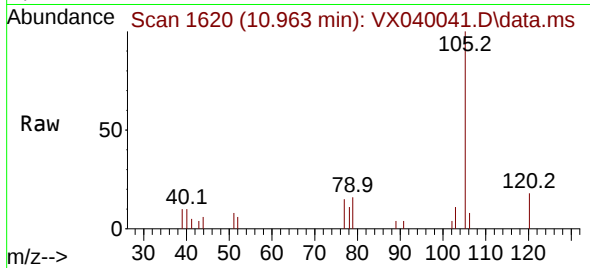
Tgt Ion:152 Resp: 72324
 Ion Ratio Lower Upper
 152 100
 115 64.0 43.3 129.9
 150 154.6 0.0 345.0





#73
Isopropylbenzene
Concen: 0.392 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

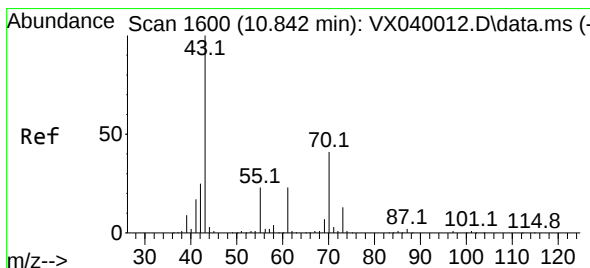
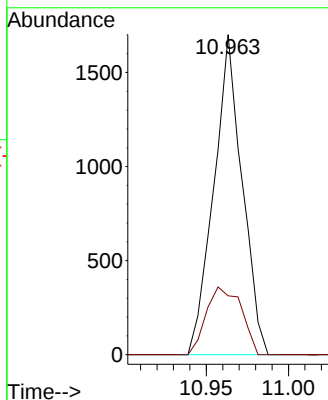
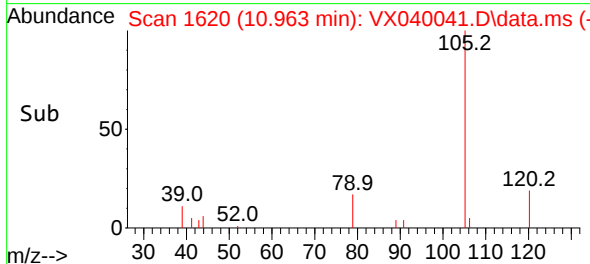
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024



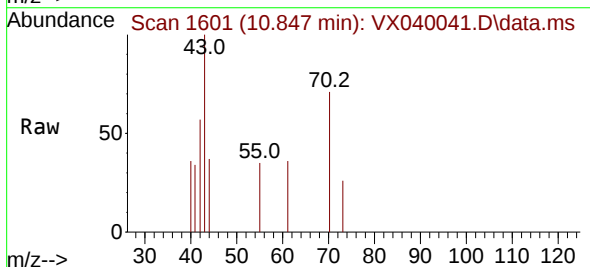
Tgt Ion:105 Resp: 2035
Ion Ratio Lower Upper
105 100
120 26.1 12.9 38.6

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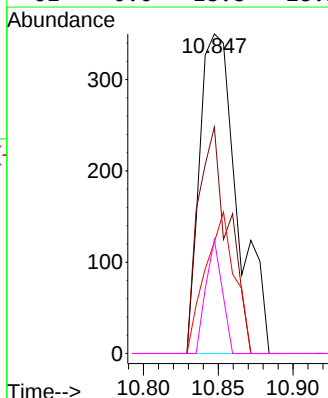
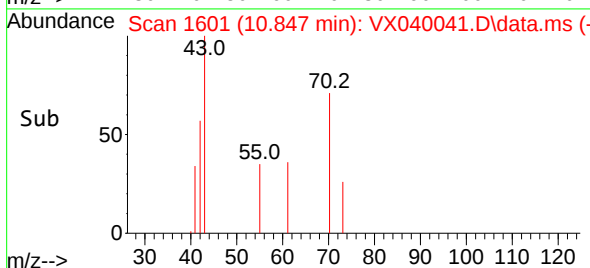
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

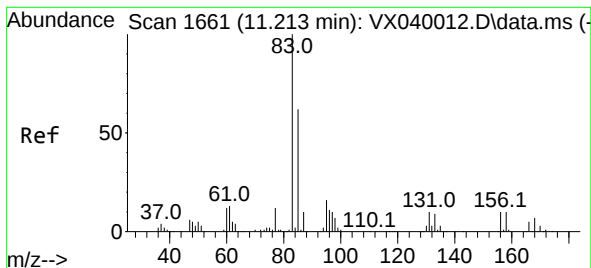


#74
N-ethyl acetate
Concen: 0.261 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. 0.005 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27



Tgt Ion: 43 Resp: 616
Ion Ratio Lower Upper
43 100
70 56.8 32.9 49.3#
55 34.6 19.3 28.9#
61 0.0 18.8 28.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.411 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. -0.006 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

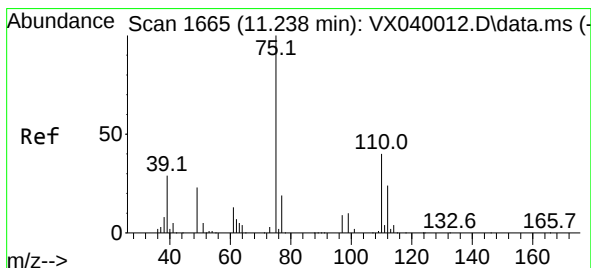
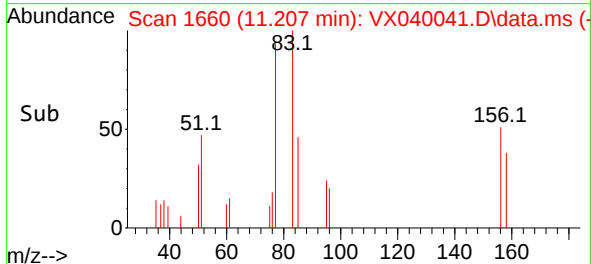
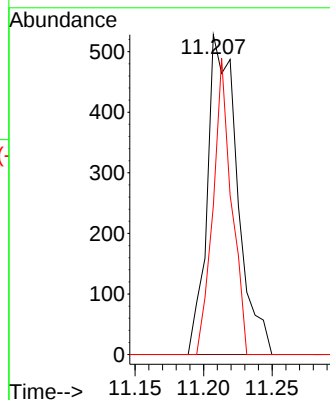
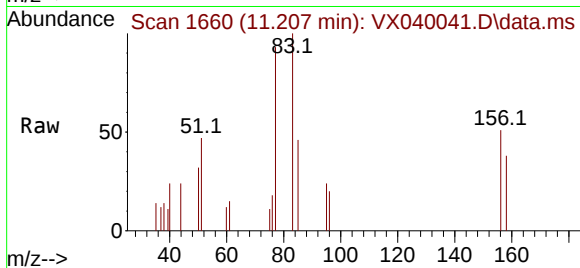
Tgt Ion: 83	Resp: 80
Ion Ratio	Lower Upper
83	100
131	0.0 5.3 15.8
85	57.2 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#76

1,2,3-Trichloropropane

Concen: 0.558 ug/l m

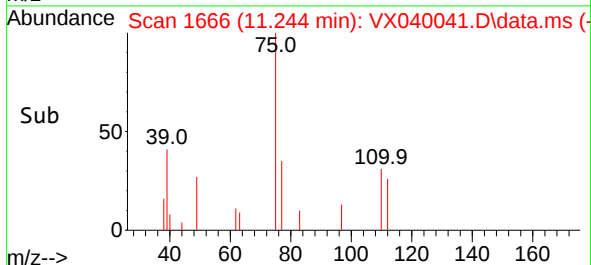
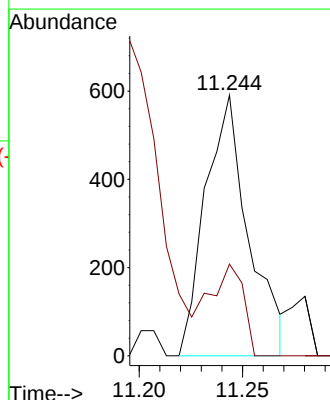
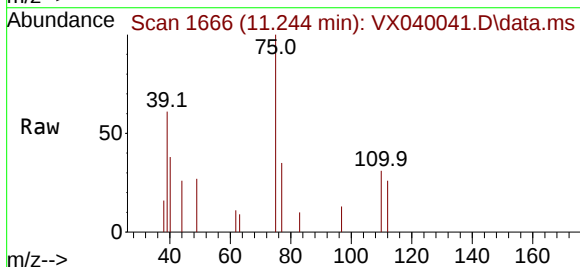
RT: 11.244 min Scan# 1666

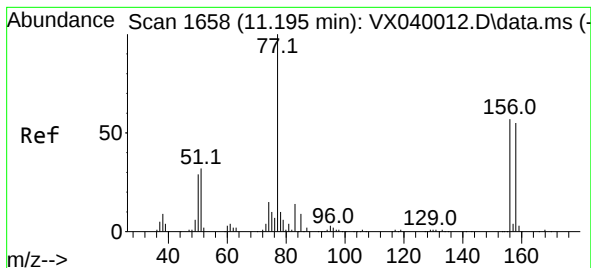
Delta R.T. 0.006 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Tgt Ion: 75	Resp: 860
Ion Ratio	Lower Upper
75	100
77	47.6 19.1 57.5





#77

Bromobenzene

Concen: 0.469 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

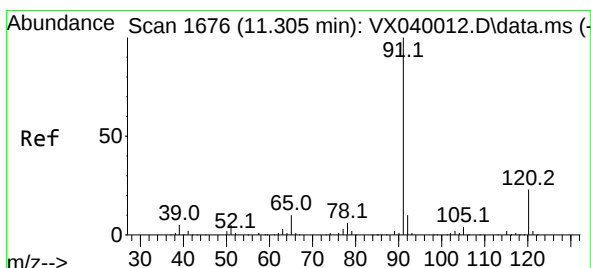
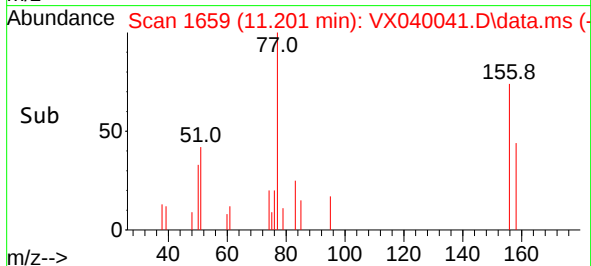
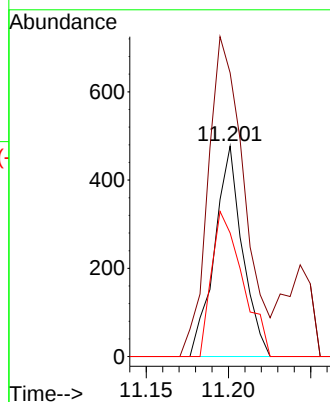
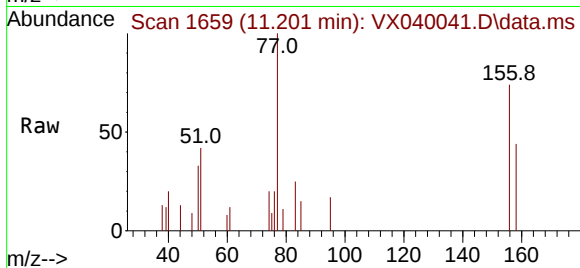
Tgt Ion:	156	Resp:	562
Ion Ratio	Lower	Upper	
156	100		
77	196.3	88.4	265.3
158	76.5	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#78

n-propylbenzene

Concen: 0.436 ug/l

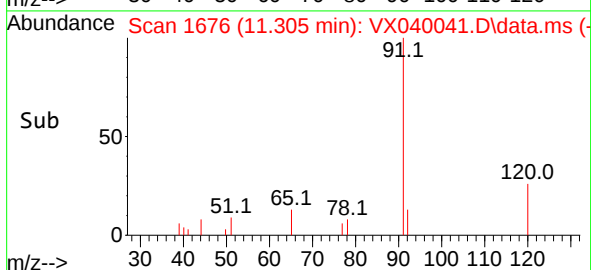
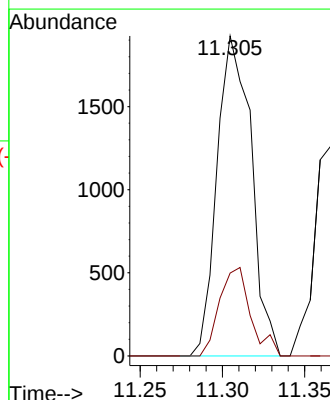
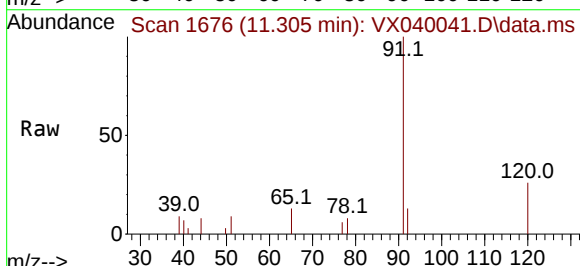
RT: 11.305 min Scan# 1676

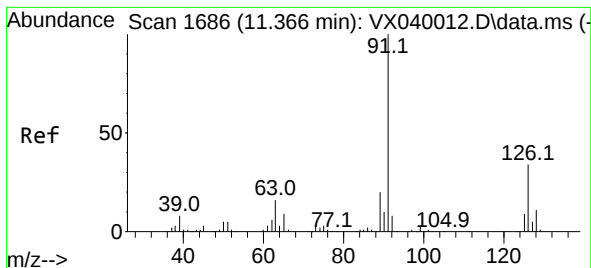
Delta R.T. -0.000 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Tgt Ion:	91	Resp:	2786
Ion Ratio	Lower	Upper	
91	100		
120	25.2	11.5	34.4





#79

2-Chlorotoluene

Concen: 0.439 ug/l

RT: 11.366 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion: 91 Resp: 1689

Ion Ratio Lower Upper

91 100

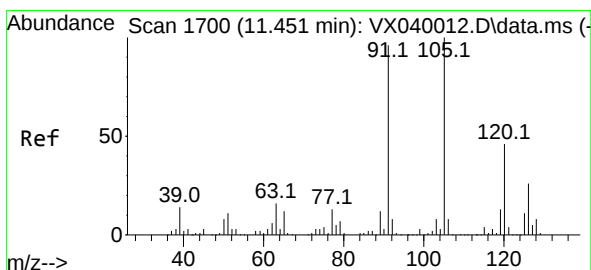
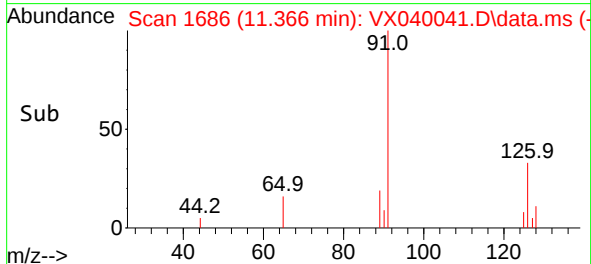
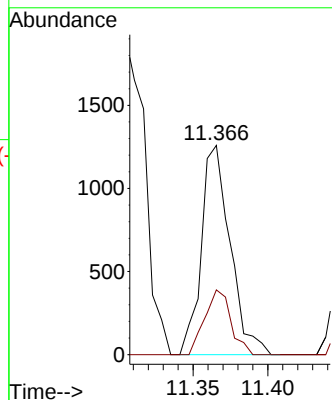
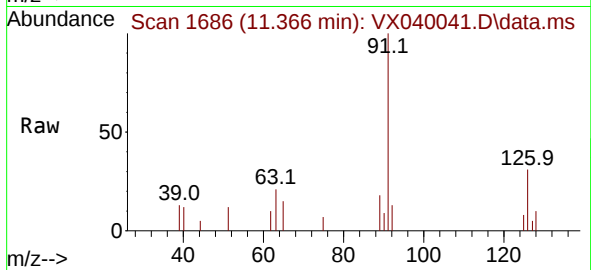
126 28.0 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#80

1,3,5-Trimethylbenzene

Concen: 0.411 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX040041.D

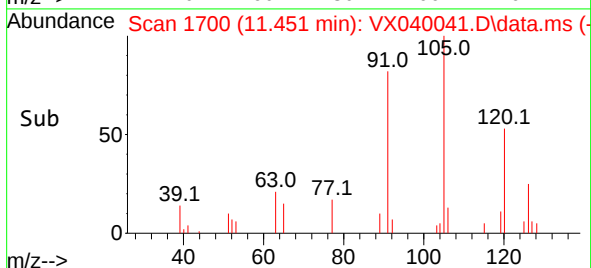
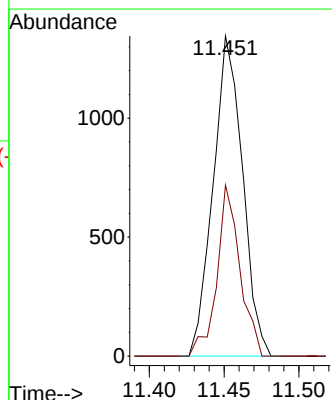
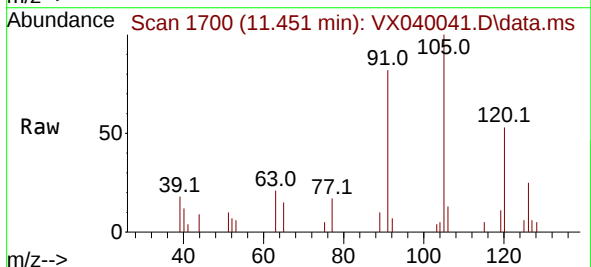
Acq: 31 Jan 2024 12:27

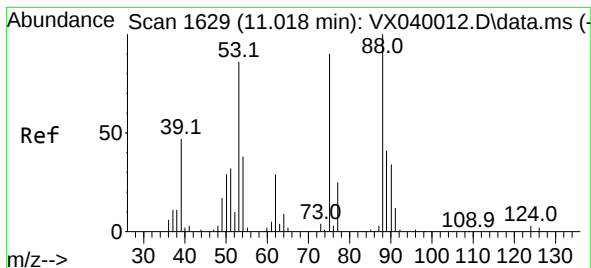
Tgt Ion:105 Resp: 1837

Ion Ratio Lower Upper

105 100

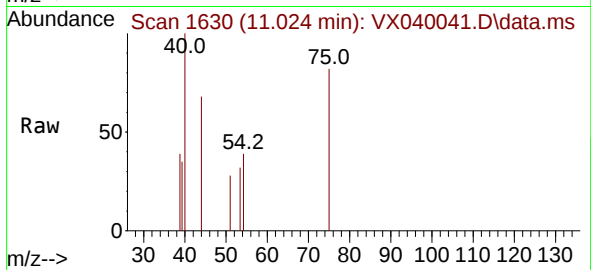
120 41.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 0.239 ug/l m
RT: 11.024 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

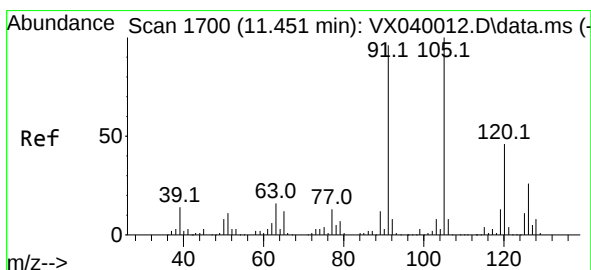
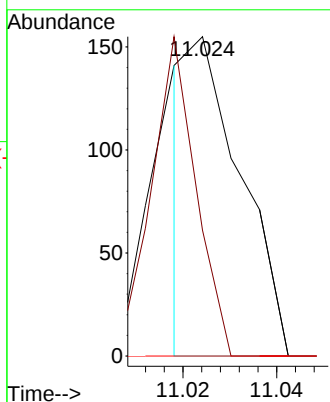
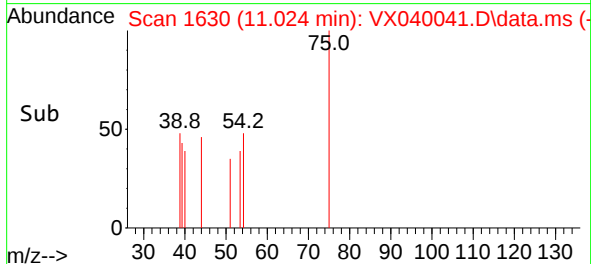
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 75 Resp: 118
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7
89 0.0 36.9 55.3

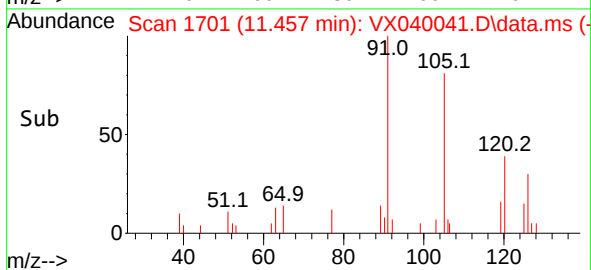
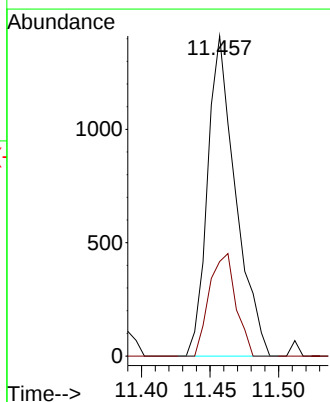
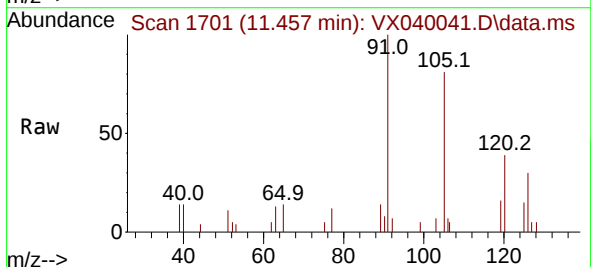
Manual Integrations
APPROVED

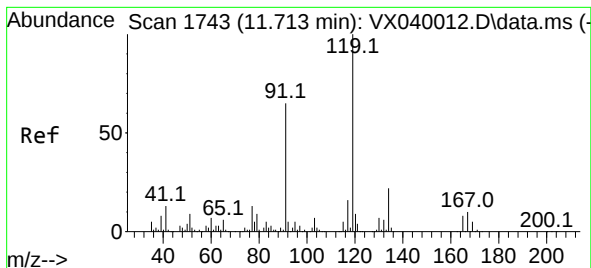
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#82
4-Chlorotoluene
Concen: 0.456 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

Tgt Ion: 91 Resp: 2013
Ion Ratio Lower Upper
91 100
126 30.3 14.2 42.6





#83

tert-Butylbenzene

Concen: 0.361 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

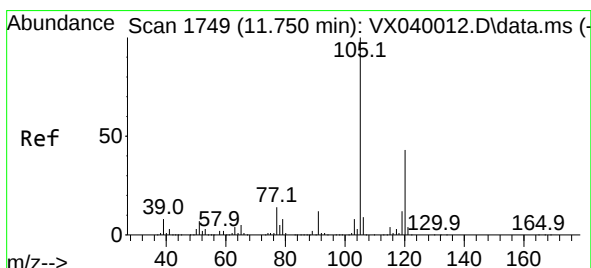
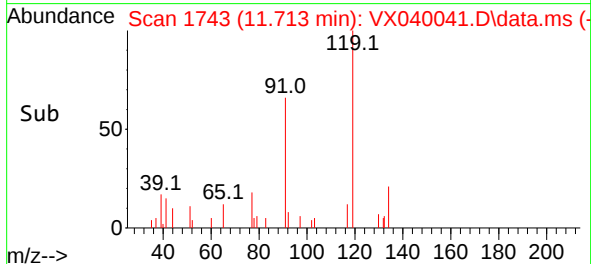
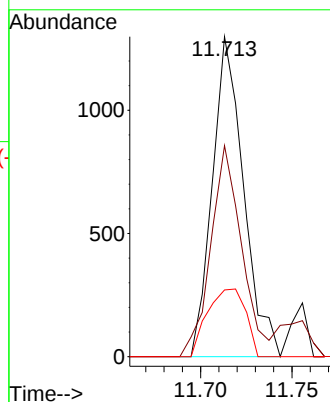
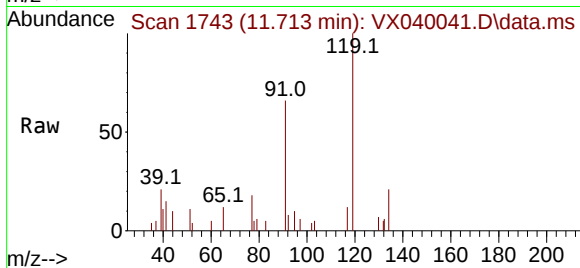
Tgt Ion:	119	Resp:	1544
Ion Ratio	Lower	Upper	
119	100		
91	65.4	31.2	93.6
134	25.8	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#84

1,2,4-Trimethylbenzene

Concen: 0.423 ug/l

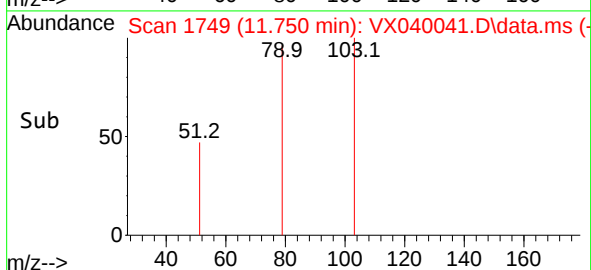
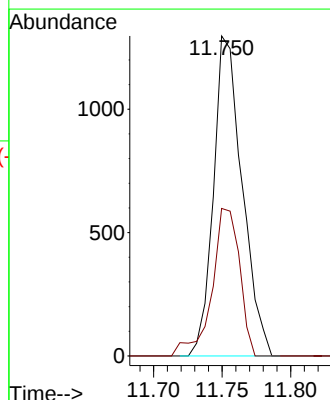
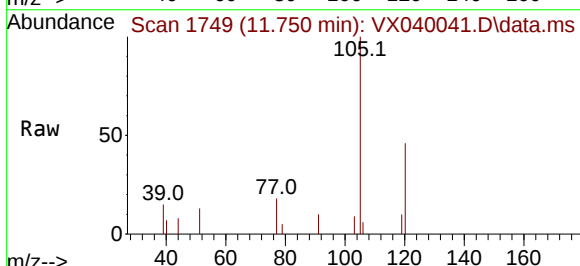
RT: 11.750 min Scan# 1749

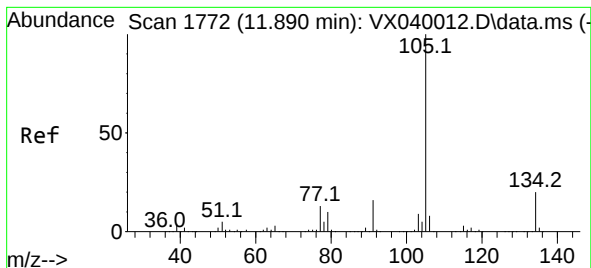
Delta R.T. -0.000 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Tgt Ion:	105	Resp:	1884
Ion Ratio	Lower	Upper	
105	100		
120	44.5	21.2	63.6





#85

sec-Butylbenzene

Concen: 0.405 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

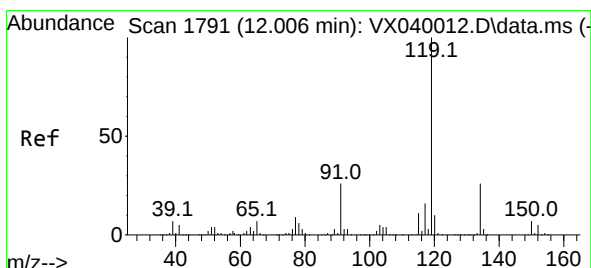
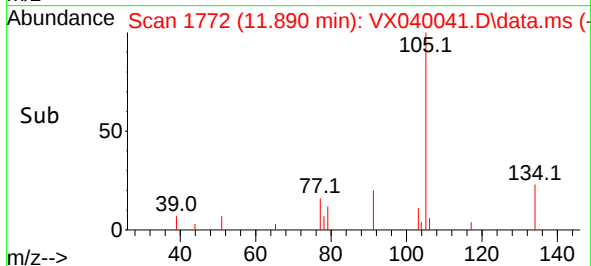
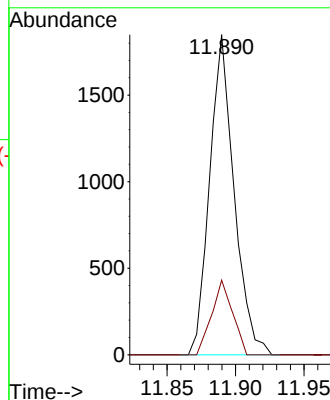
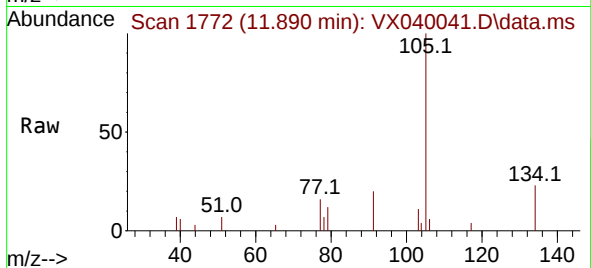
ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion:105 Resp: 2290
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.4

Manual Integrations
 APPROVED

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



#86

p-Isopropyltoluene

Concen: 0.399 ug/l

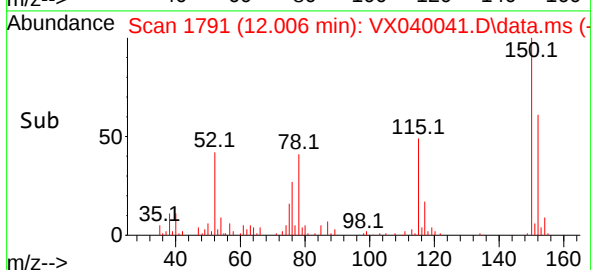
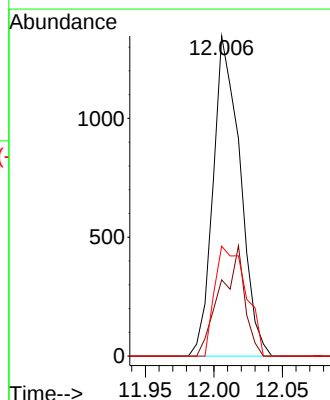
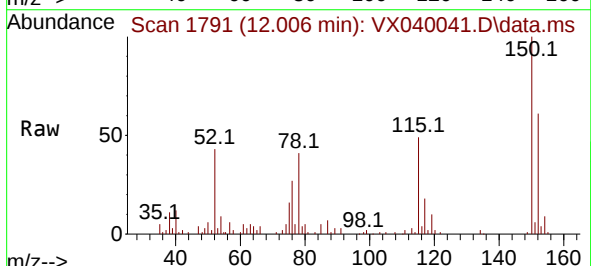
RT: 12.006 min Scan# 1791

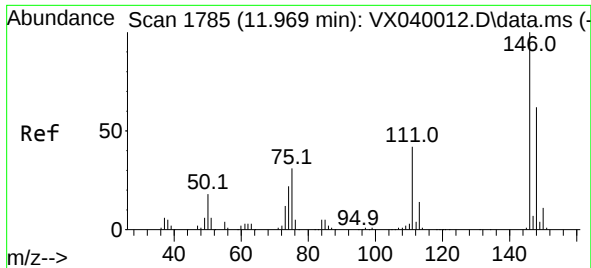
Delta R.T. -0.000 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

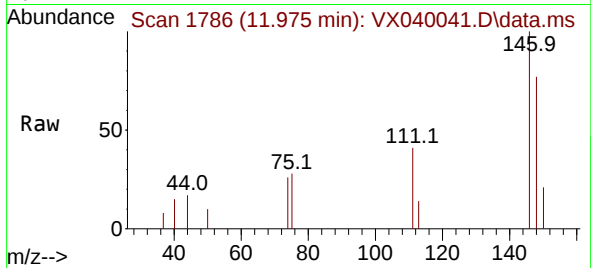
Tgt Ion:119 Resp: 1842
 Ion Ratio Lower Upper
 119 100
 134 30.9 12.8 38.3
 91 39.7 13.1 39.3#





#87
1,3-Dichlorobenzene
Concen: 0.471 ug/l
RT: 11.975 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

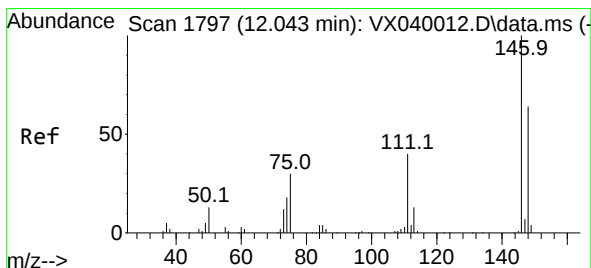
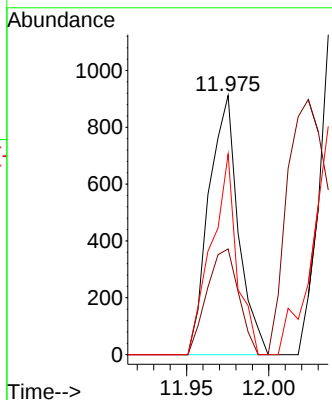
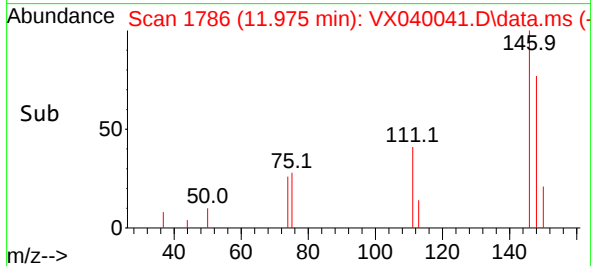
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024



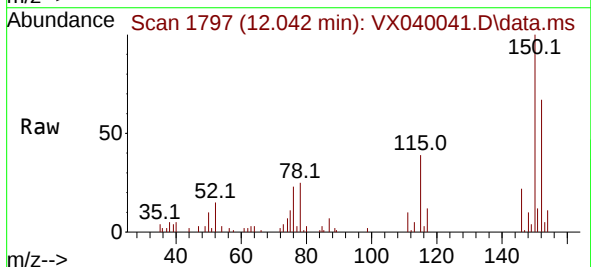
Tgt Ion:146 Resp: 1138
Ion Ratio Lower Upper
146 100
111 43.9 22.1 66.1
148 67.0 31.8 95.3

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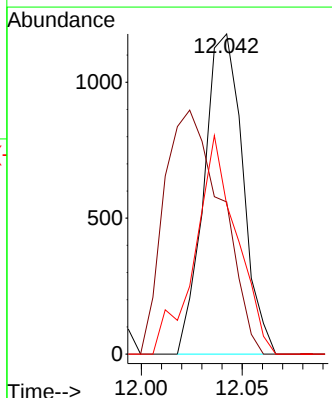
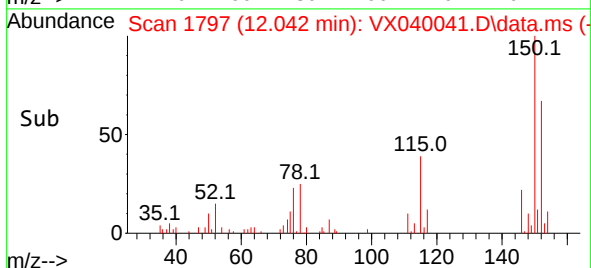
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

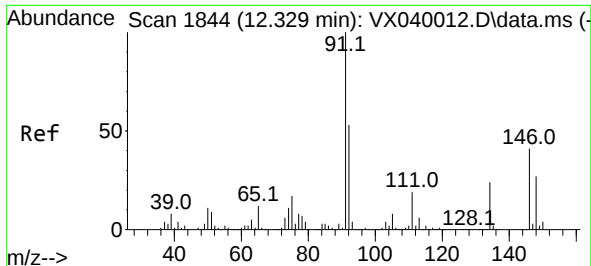


#88
1,4-Dichlorobenzene
Concen: 0.635 ug/l m
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27



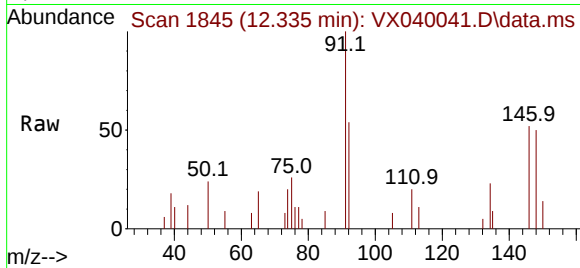
Tgt Ion:146 Resp: 1572
Ion Ratio Lower Upper
146 100
111 31.8 21.3 63.7
148 48.5 31.8 95.4





#89
n-Butylbenzene
Concen: 0.364 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

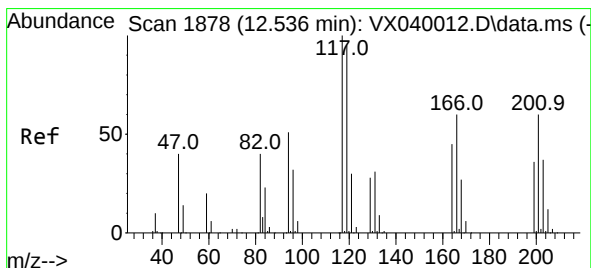
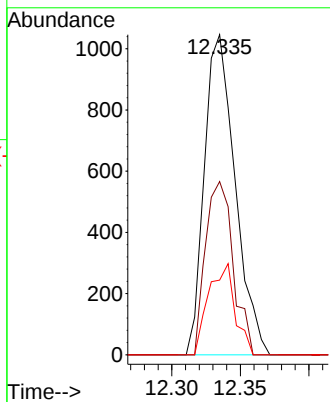
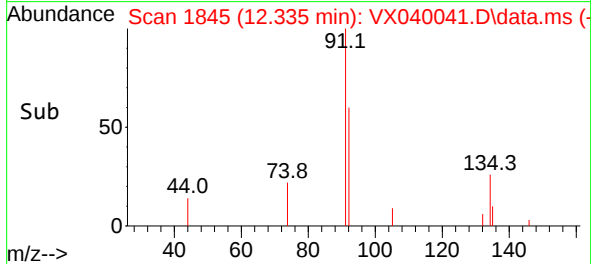
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 91 Resp: 163
Ion Ratio Lower Upper
91 100
92 48.5 27.4 82.0
134 24.4 12.6 37.8

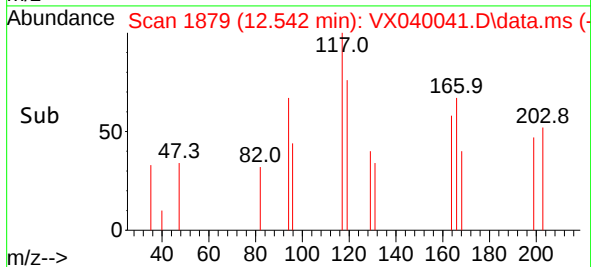
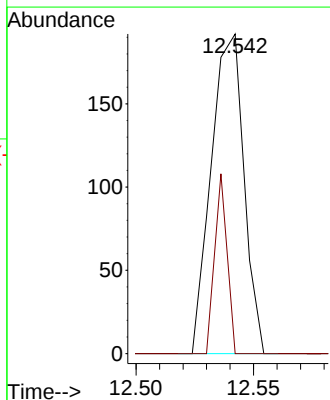
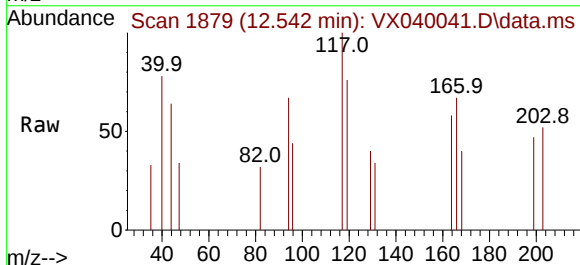
Manual Integrations
APPROVED

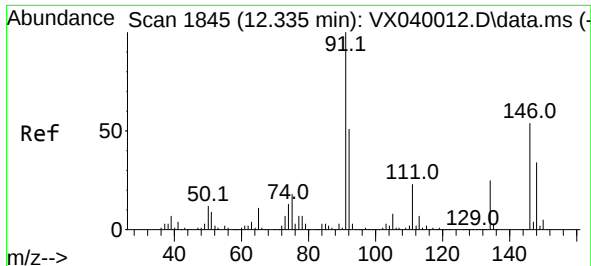
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#90
Hexachloroethane
Concen: 0.255 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

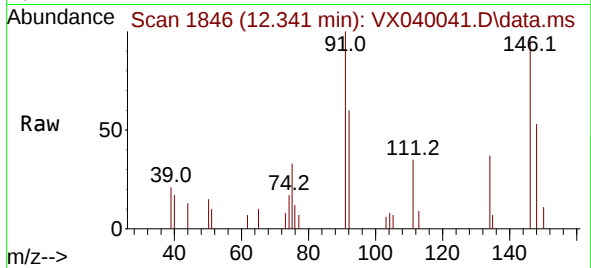
Tgt Ion:117 Resp: 186
Ion Ratio Lower Upper
117 100
201 21.5 32.9 98.6#





#91
1,2-Dichlorobenzene
Concen: 0.430 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27

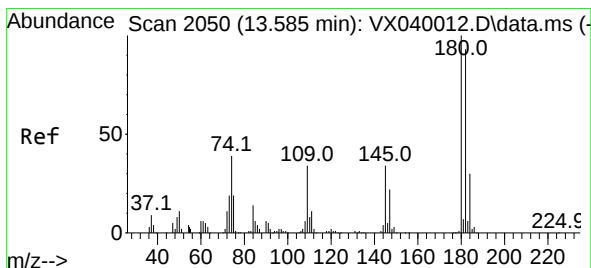
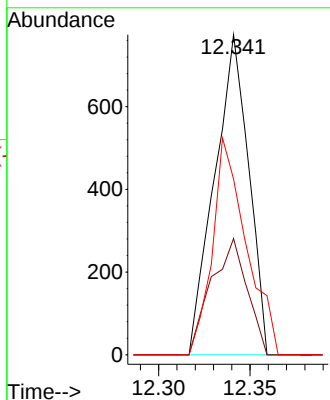
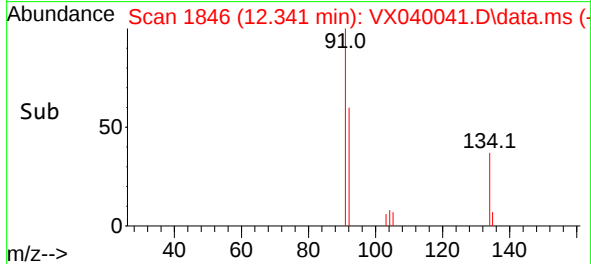
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024



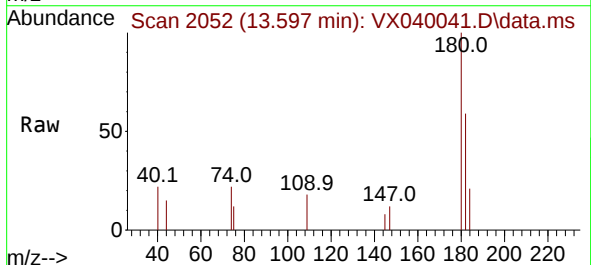
Tgt Ion:146 Resp: 100
Ion Ratio Lower Upper
146 100
111 38.1 22.4 67.0
148 67.1 31.6 95.0

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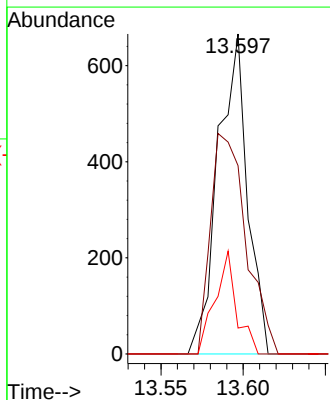
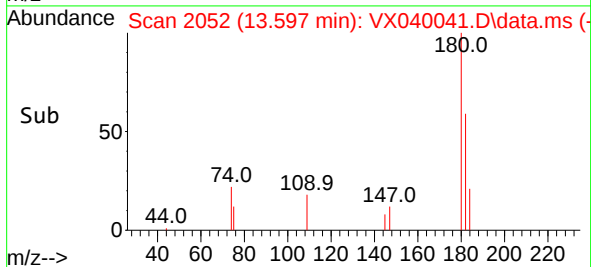
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

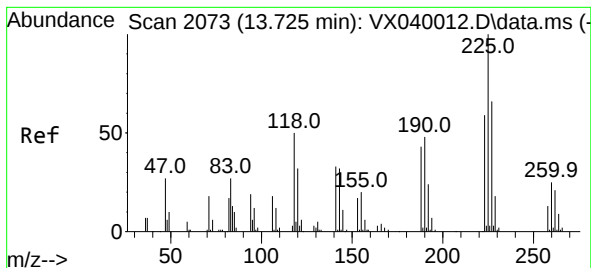


#93
1,2,4-Trichlorobenzene
Concen: 0.569 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX040041.D
Acq: 31 Jan 2024 12:27



Tgt Ion:180 Resp: 829
Ion Ratio Lower Upper
180 100
182 83.1 48.3 144.8
145 23.4 18.0 54.0





#94

Hexachlorobutadiene

Concen: 0.439 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

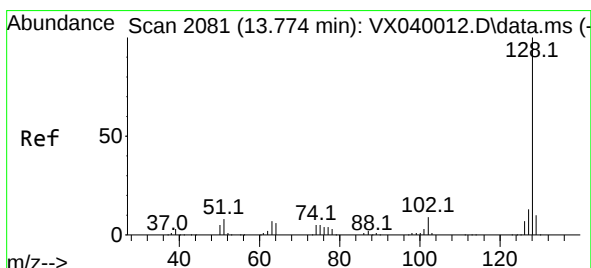
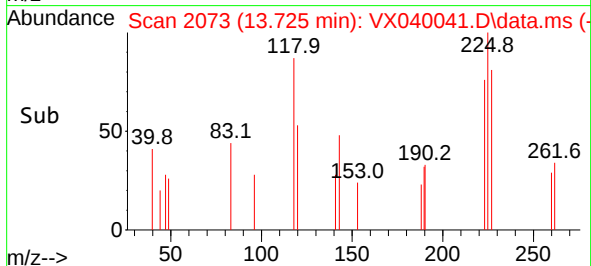
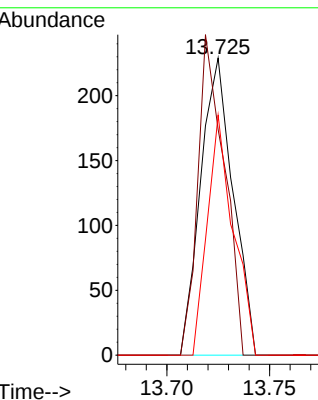
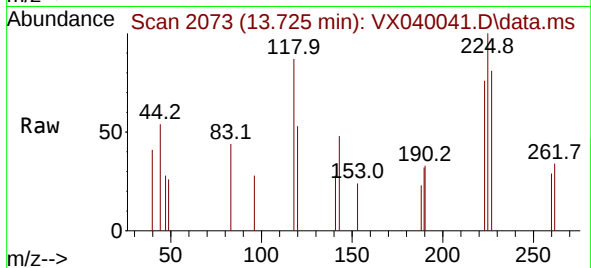
Tgt Ion:	225	Resp:	252
Ion Ratio	Lower	Upper	
225	100		
223	87.7	31.1	93.2
227	64.7	32.5	97.5

Manual Integrations

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Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#95

Naphthalene

Concen: 0.518 ug/l

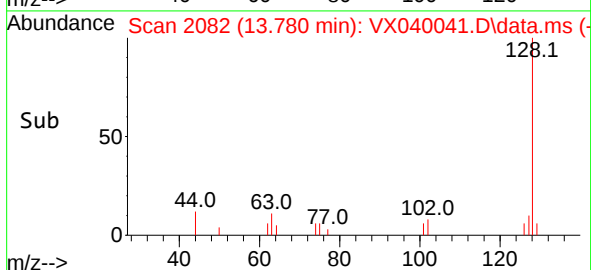
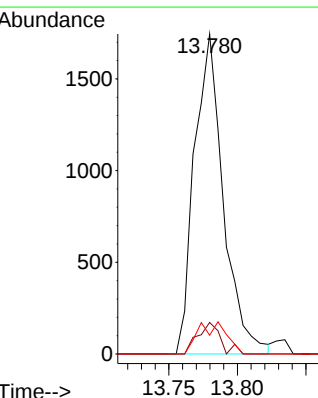
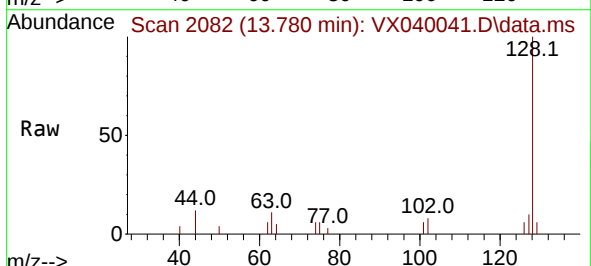
RT: 13.780 min Scan# 2082

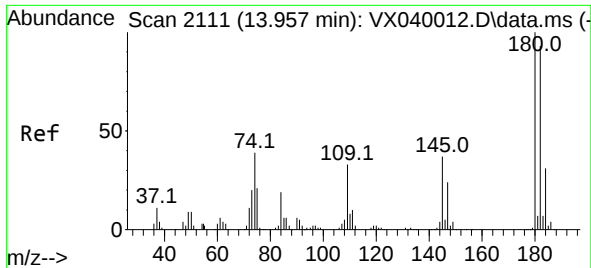
Delta R.T. 0.006 min

Lab File: VX040041.D

Acq: 31 Jan 2024 12:27

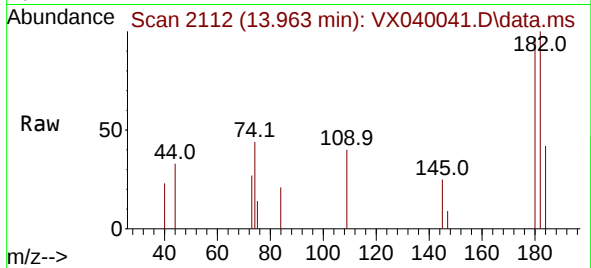
Tgt Ion:	128	Resp:	2564
Ion Ratio	Lower	Upper	
128	100		
127	7.8	10.3	15.5#
129	9.8	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.488 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.006 min
 Lab File: VX040041.D
 Acq: 31 Jan 2024 12:27

Instrument : MSVOA_X
 ClientSampleId : MDL-WATER-03-QT1-2024



Tgt Ion:180 Resp: 700
 Ion Ratio Lower Upper
 180 100
 182 111.2 46.9 140.6
 145 43.5 17.8 53.5

Manual Integrations
 APPROVED

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

