

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121224\
 Data File : VX044246.D
 Acq On : 12 Dec 2024 12:47
 Operator : JC/MD
 Sample : P4368-09 2.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2024

Quant Time: Dec 13 05:16:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 05:00:50 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/13/2024
 Supervised By : Mahesh Dadoda 12/13/2024

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	123805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	230757	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	118201	54.453	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.900%			
35) Dibromofluoromethane	5.385	113	82862	51.847	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.700%			
50) Toluene-d8	8.646	98	288909	53.582	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.160%			
62) 4-Bromofluorobenzene	11.079	95	94986	50.416	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	4687	2.448	ug/l	99
3) Chloromethane	1.300	50	4763	2.602	ug/l	98
4) Vinyl Chloride	1.373	62	4596	2.410	ug/l	96
5) Bromomethane	1.599	94	3691	2.728	ug/l	88
6) Chloroethane	1.666	64	3485	2.935	ug/l	97
7) Trichlorofluoromethane	1.867	101	9093	2.435	ug/l	100
8) Diethyl Ether	2.135	74	3128	2.454	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.318	101	3686	2.440	ug/l	99
10) Methyl Iodide	2.446	142	4624	2.322	ug/l	100
11) Tert butyl alcohol	2.995	59	2953m	9.653	ug/l	
12) 1,1-Dichloroethene	2.306	96	3340	2.407	ug/l	91
13) Acrolein	2.239	56	5055	11.415	ug/l	94
14) Allyl chloride	2.654	41	5833	2.524	ug/l	88
15) Acrylonitrile	3.068	53	10629	12.542	ug/l	97
16) Acetone	2.391	43	10861	12.273	ug/l	97
17) Carbon Disulfide	2.495	76	5473	2.075	ug/l #	91
18) Methyl Acetate	2.708	43	5961	2.612	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	12960	2.393	ug/l	99
20) Methylene Chloride	2.788	84	4498	2.706	ug/l	87
21) trans-1,2-Dichloroethene	3.086	96	3632	2.463	ug/l	93
22) Diisopropyl ether	3.769	45	13130	2.523	ug/l #	85
23) Vinyl Acetate	3.727	43	46666	11.028	ug/l	95
24) 1,1-Dichloroethane	3.605	63	7345	2.532	ug/l	99
25) 2-Butanone	4.580	43	14604	11.608	ug/l #	88
26) 2,2-Dichloropropane	4.464	77	5599	2.375	ug/l #	75
27) cis-1,2-Dichloroethene	4.489	96	4720	2.520	ug/l	94
28) Bromochloromethane	4.903	49	3751	2.637	ug/l #	95
29) Tetrahydrofuran	5.013	42	9639	11.936	ug/l #	64
30) Chloroform	5.086	83	7940	2.436	ug/l	92
31) Cyclohexane	5.464	56	6150	2.625	ug/l #	78
32) 1,1,1-Trichloroethane	5.360	97	6190	2.288	ug/l #	24
36) 1,1-Dichloropropene	5.690	75	4907	2.375	ug/l #	84
37) Ethyl Acetate	4.732	43	6533m	2.558	ug/l	
38) Carbon Tetrachloride	5.671	117	5097	2.292	ug/l #	84
39) Methylcyclohexane	7.378	83	5529	2.239	ug/l	92
40) Benzene	6.031	78	15481	2.468	ug/l	95

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
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Manual Integrations
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Reviewed By :John Carlone 12/13/2024
 Supervised By :Mahesh Dadoda 12/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.946	41	3101m	2.287	ug/l	
42) 1,2-Dichloroethane	6.086	62	7029	2.720	ug/l	99
43) Isopropyl Acetate	6.348	43	9073	2.273	ug/l #	90
44) Trichloroethene	7.128	130	3797	2.427	ug/l	87
45) 1,2-Dichloropropane	7.433	63	3785	2.362	ug/l	93
46) Dibromomethane	7.592	93	3046	2.450	ug/l	99
47) Bromodichloromethane	7.823	83	4559	2.123	ug/l #	89
48) Methyl methacrylate	7.708	41	4532	2.339	ug/l	93
49) 1,4-Dioxane	7.695	88	1597m	49.714	ug/l	
51) 4-Methyl-2-Pentanone	8.579	43	28427	11.077	ug/l	98
52) Toluene	8.720	92	9232	2.344	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	4355	2.072	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	5091	2.178	ug/l	97
55) 1,1,2-Trichloroethane	9.152	97	4136	2.643	ug/l	93
56) Ethyl methacrylate	9.122	69	5254	2.127	ug/l	95
57) 1,3-Dichloropropane	9.311	76	6673	2.450	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	14357	11.523	ug/l	98
59) 2-Hexanone	9.433	43	21092	11.354	ug/l	98
60) Dibromochloromethane	9.524	129	2908	1.935	ug/l	98
61) 1,2-Dibromoethane	9.616	107	3601	2.261	ug/l	99
64) Tetrachloroethene	9.268	164	3224	2.452	ug/l	90
65) Chlorobenzene	10.079	112	10596	2.497	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.158	131	3277	2.402	ug/l	97
67) Ethyl Benzene	10.195	91	17774	2.424	ug/l	97
68) m/p-Xylenes	10.299	106	12719	4.727	ug/l	96
69) o-Xylene	10.640	106	6444	2.367	ug/l	96
70) Styrene	10.658	104	9455	2.166	ug/l	95
71) Bromoform	10.798	173	1594	1.833	ug/l #	92
73) Isopropylbenzene	10.963	105	15580	2.403	ug/l	99
74) N-amyl acetate	10.847	43	6489	2.166	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	5874	2.609	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	5055m	2.674	ug/l	
77) Bromobenzene	11.195	156	4089	2.601	ug/l	95
78) n-propylbenzene	11.304	91	16750	2.338	ug/l	100
79) 2-Chlorotoluene	11.365	91	11962	2.582	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	12657	2.354	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.024	75	1179m	2.004	ug/l	
82) 4-Chlorotoluene	11.457	91	12444	2.425	ug/l	97
83) tert-Butylbenzene	11.713	119	12348	2.324	ug/l	92
84) 1,2,4-Trimethylbenzene	11.749	105	12475	2.363	ug/l	100
85) sec-Butylbenzene	11.890	105	15085	2.339	ug/l	98
86) p-Isopropyltoluene	12.012	119	11648	2.170	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	7266	2.646	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	7229	2.561	ug/l	87
89) n-Butylbenzene	12.335	91	9048	2.005	ug/l	99
90) Hexachloroethane	12.536	117	1480	1.889	ug/l	96
91) 1,2-Dichlorobenzene	12.341	146	6735	2.362	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	12.938	75	740	1.693	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	3363	2.152	ug/l	100
94) Hexachlorobutadiene	13.725	225	1364	2.170	ug/l	84
95) Naphthalene	13.780	128	11994	1.966	ug/l	97
96) 1,2,3-Trichlorobenzene	13.962	180	3794	2.289	ug/l	97

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Quant Title : SW846 8260
QLast Update : Fri Dec 13 05:00:50 2024
Response via : Initial Calibration

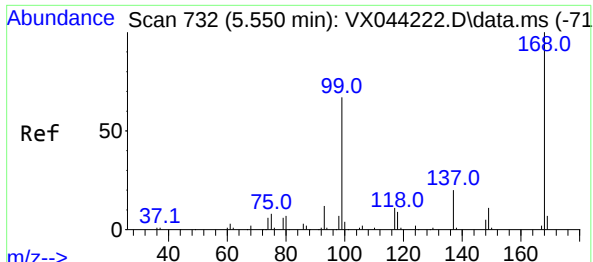
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

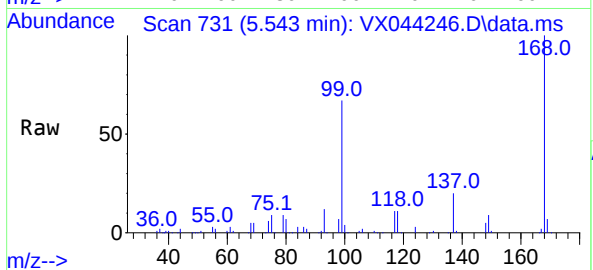
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX044246.D
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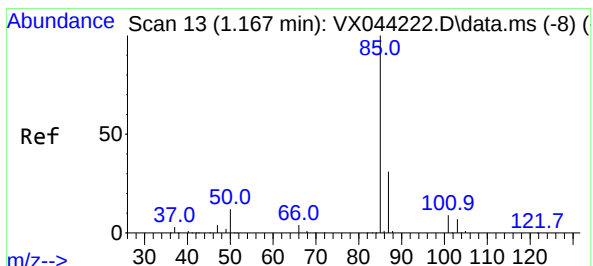
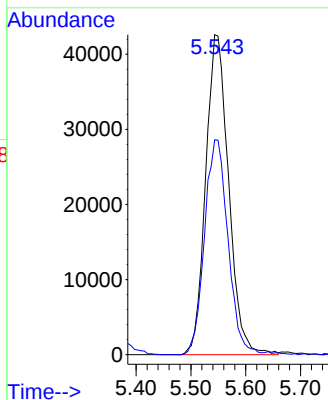
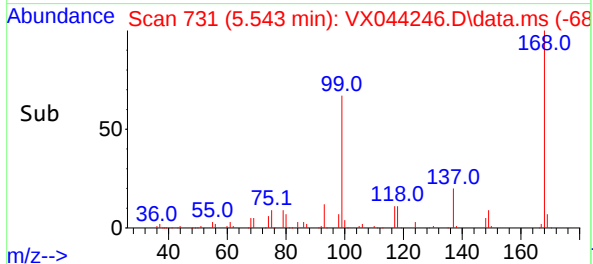
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:168 Resp: 12380
Ion Ratio Lower Upper
168 100
99 67.2 53.4 80.0

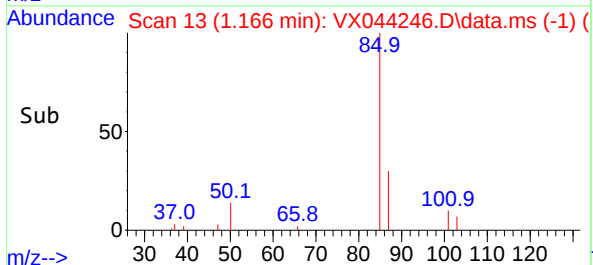
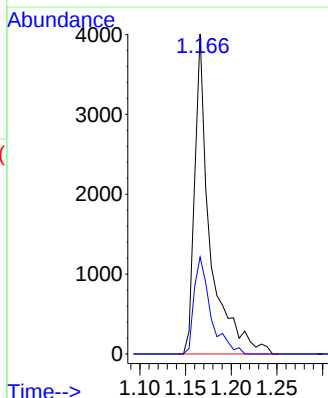
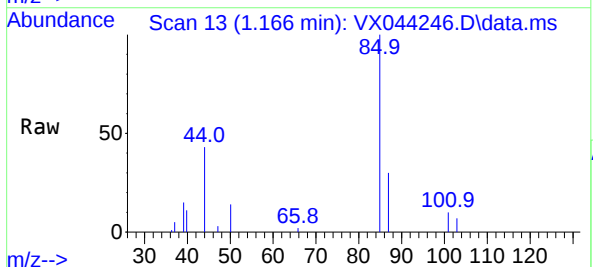
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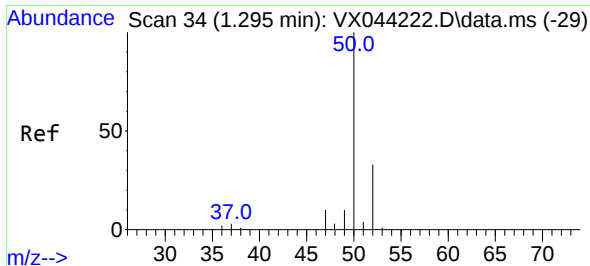
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#2
Dichlorodifluoromethane
Concen: 2.448 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

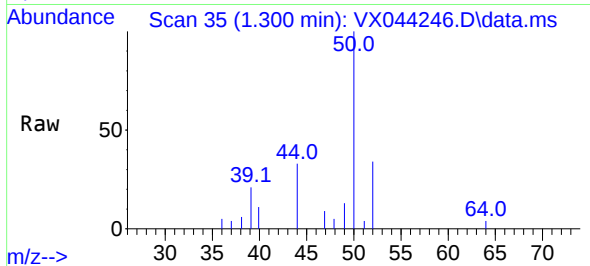
Tgt Ion: 85 Resp: 4687
Ion Ratio Lower Upper
85 100
87 30.3 15.4 46.4





#3
Chloromethane
Concen: 2.602 ug/l
RT: 1.300 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

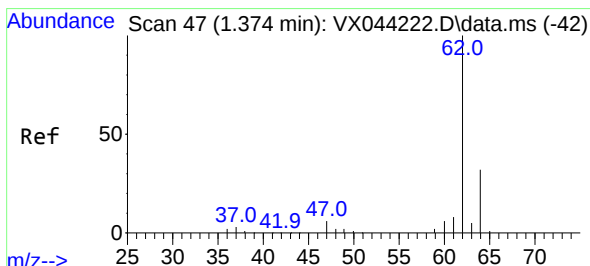
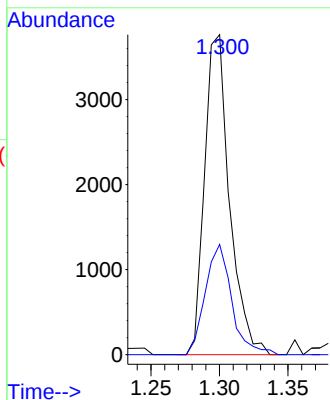
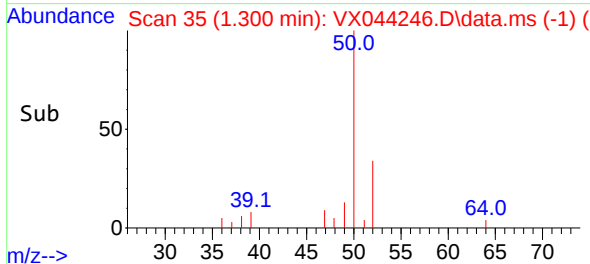
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 50 Resp: 476
Ion Ratio Lower Upper
50 100
52 34.5 26.5 39.7

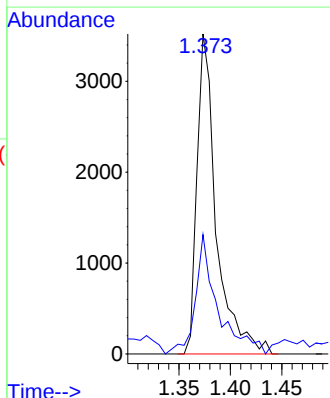
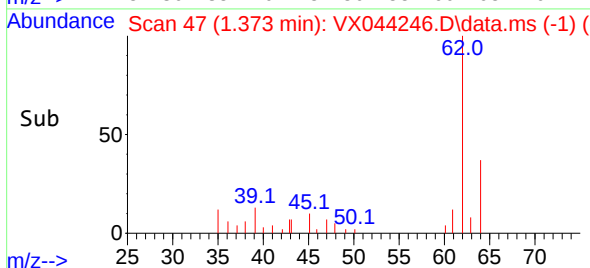
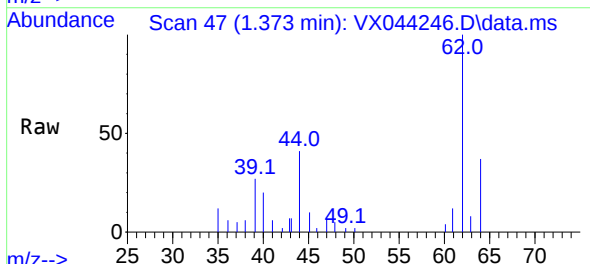
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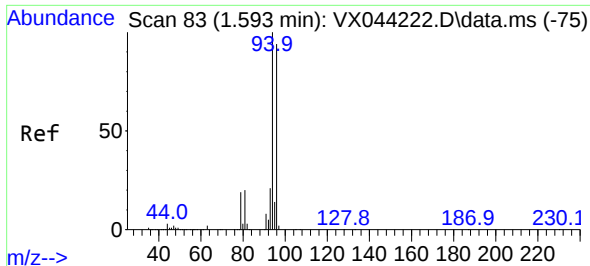
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#4
Vinyl Chloride
Concen: 2.410 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

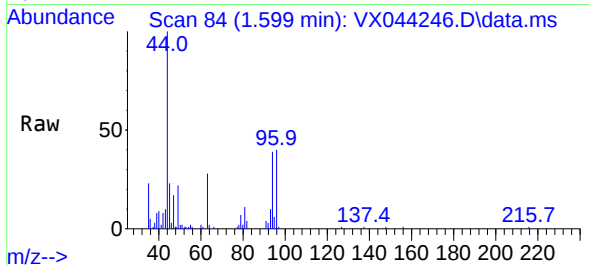
Tgt Ion: 62 Resp: 4596
Ion Ratio Lower Upper
62 100
64 34.3 25.7 38.5





#5
Bromomethane
Concen: 2.728 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

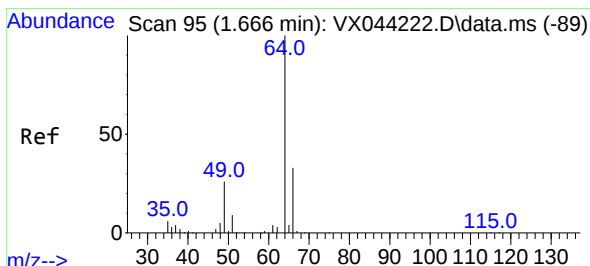
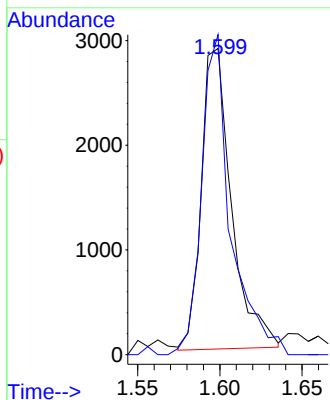
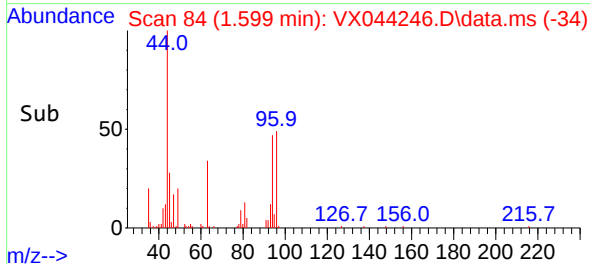
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion: 94 Resp: 369
Ion Ratio Lower Upper
94 100
96 105.1 74.9 112.3

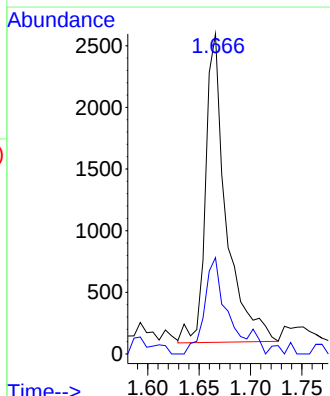
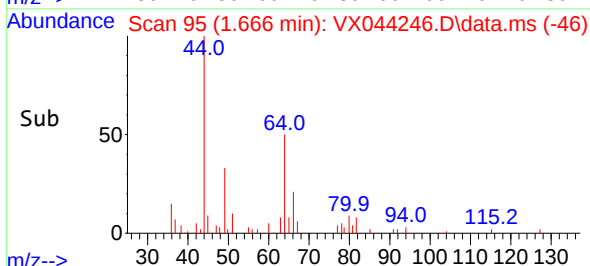
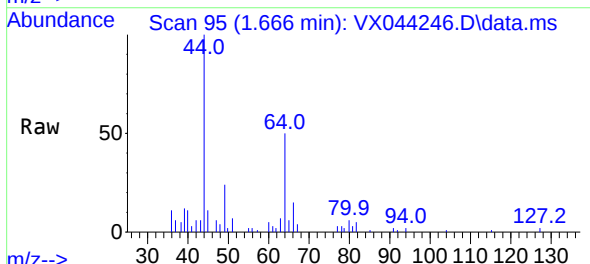
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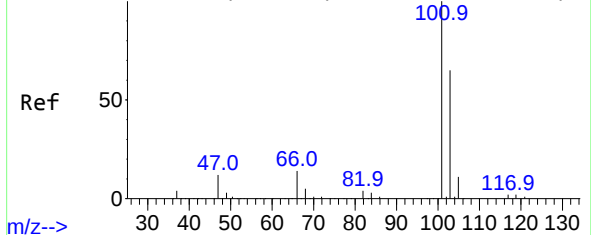


#6
Chloroethane
Concen: 2.935 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

Tgt Ion: 64 Resp: 3485
Ion Ratio Lower Upper
64 100
66 31.3 26.6 39.8



Abundance Scan 128 (1.868 min): VX044222.D\data.ms (-12



#7

Trichlorofluoromethane

Concen: 2.435 ug/l

RT: 1.867 min Scan# 110

Delta R.T. -0.000 min

Lab File: VX044246.D

Acq: 12 Dec 2024 12:47

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion:101 Resp: 909

Ion Ratio Lower Upper

101 100

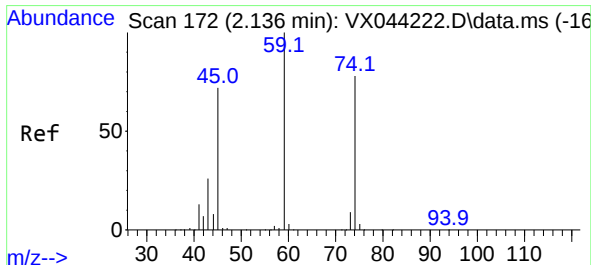
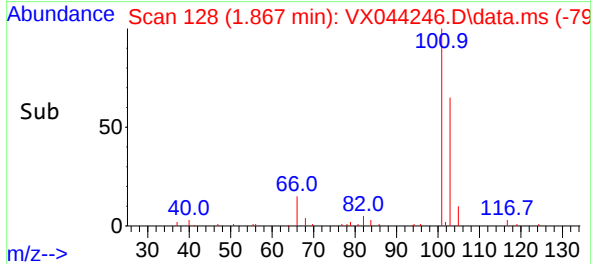
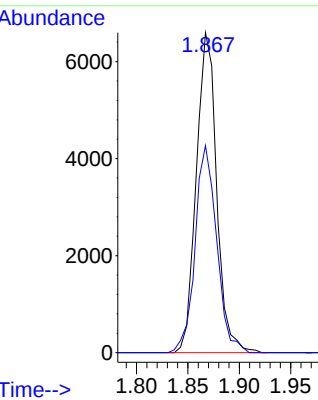
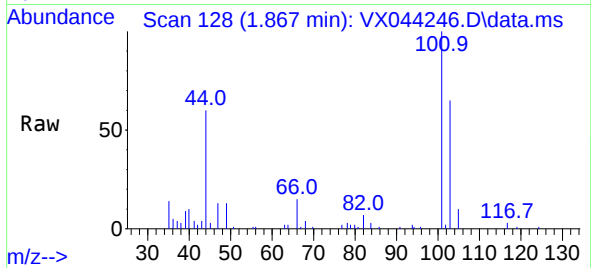
103 64.7 51.8 77.8

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 12/13/2024



#8

Diethyl Ether

Concen: 2.454 ug/l

RT: 2.135 min Scan# 172

Delta R.T. -0.001 min

Lab File: VX044246.D

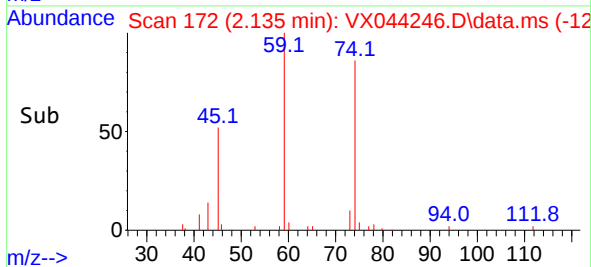
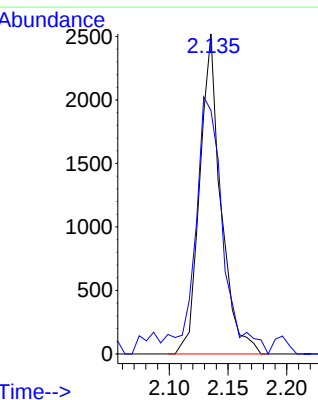
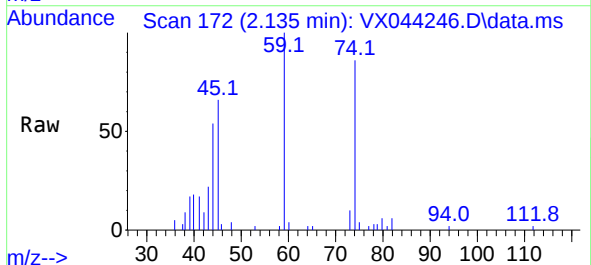
Acq: 12 Dec 2024 12:47

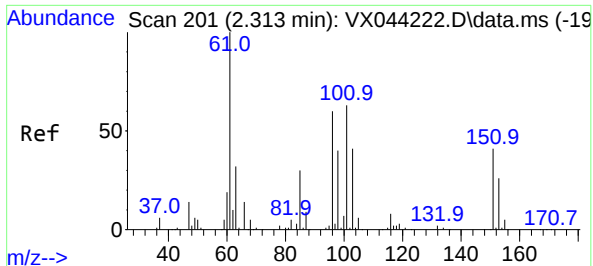
Tgt Ion: 74 Resp: 3128

Ion Ratio Lower Upper

74 100

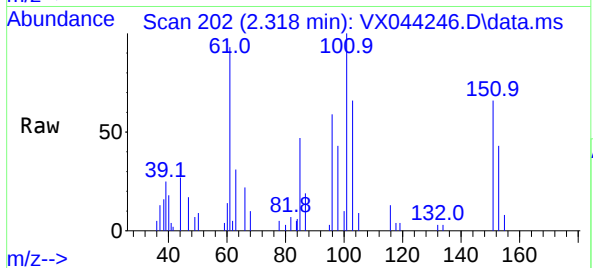
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#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.440 ug/l
RT: 2.318 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044246.D
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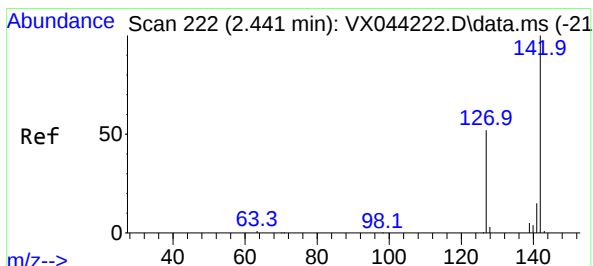
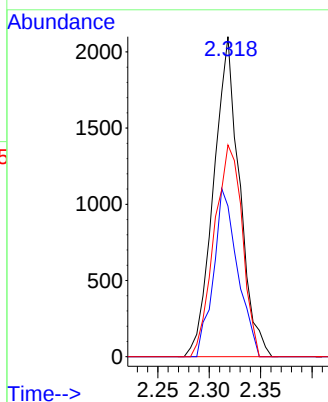
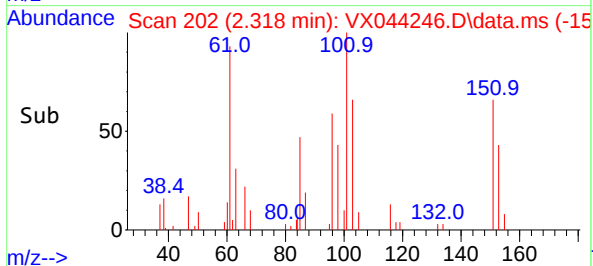
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



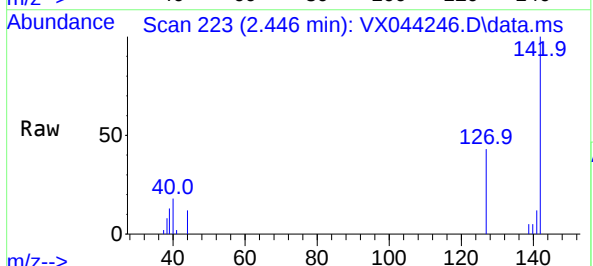
Tgt Ion:101 Resp: 3680
Ion Ratio Lower Upper
101 100
85 48.4 38.5 57.7
151 71.4 55.8 83.6

Manual Integrations
APPROVED

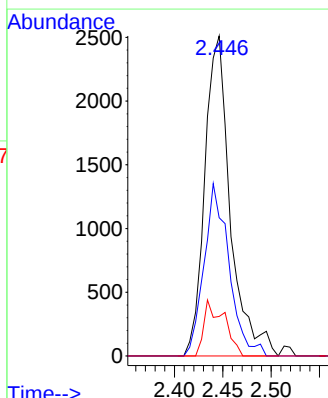
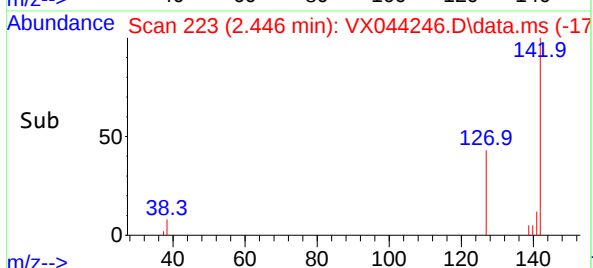
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

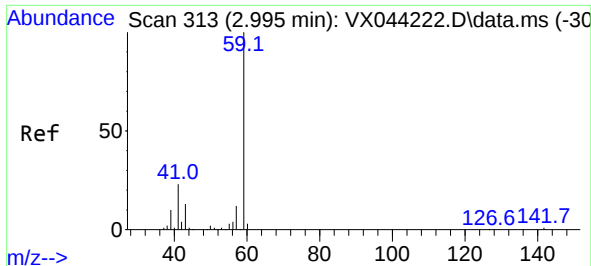


#10
Methyl Iodide
Concen: 2.322 ug/l
RT: 2.446 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47



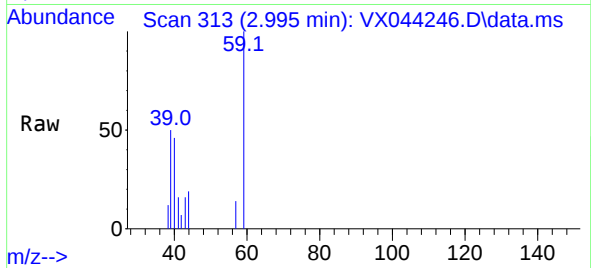
Tgt Ion:142 Resp: 4624
Ion Ratio Lower Upper
142 100
127 52.5 41.8 62.8
141 13.9 11.5 17.3





#11
Tert butyl alcohol
Concen: 9.653 ug/l m
RT: 2.995 min Scan# 313
Delta R.T. -0.001 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

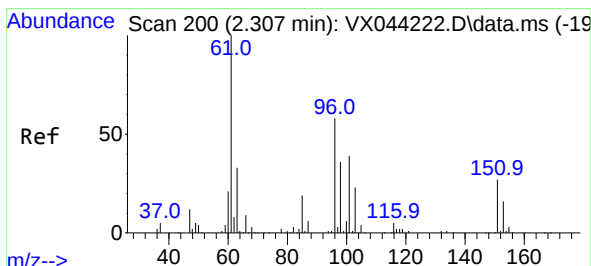
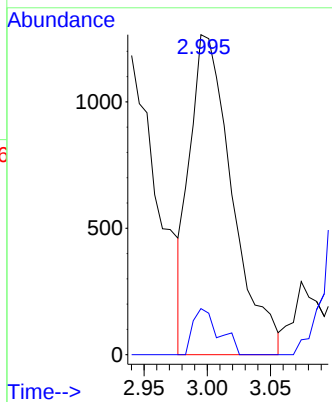
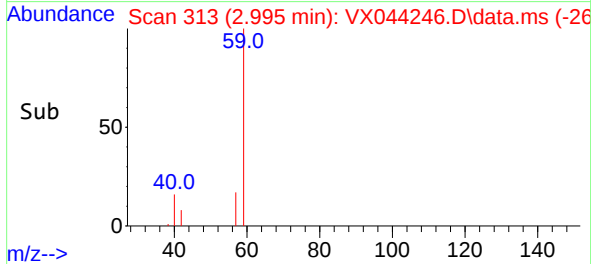
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2024



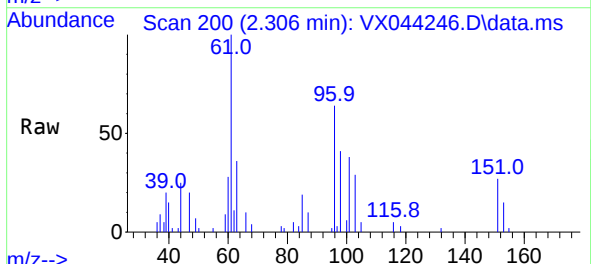
Tgt Ion: 59 Resp: 295
Ion Ratio Lower Upper
59 100
57 8.8 8.8 13.2

Manual Integrations
APPROVED

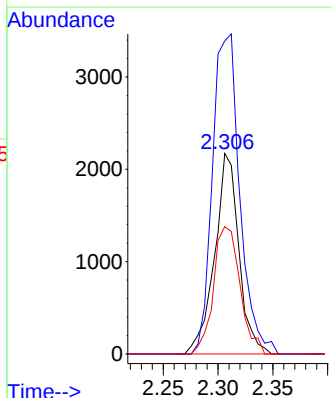
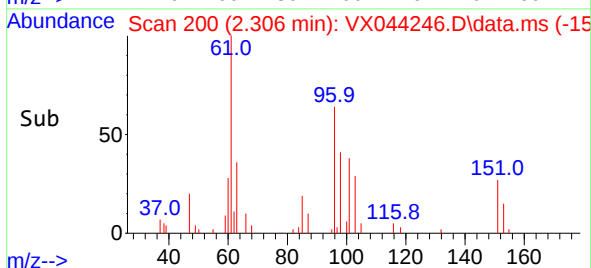
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

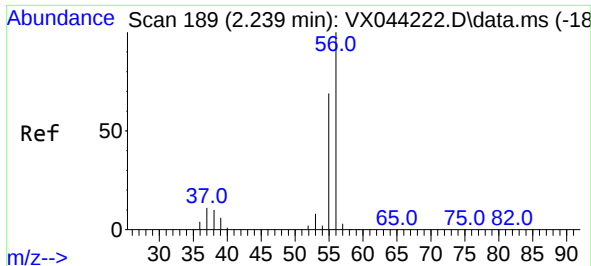


#12
1,1-Dichloroethene
Concen: 2.407 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.001 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47



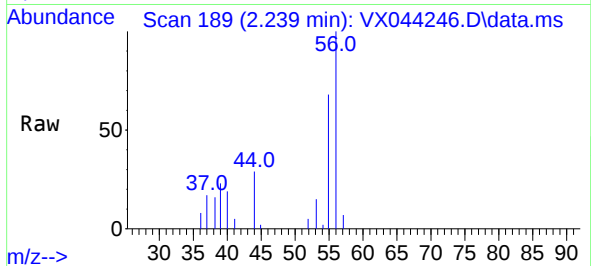
Tgt Ion: 96 Resp: 3340
Ion Ratio Lower Upper
96 100
61 156.0 138.0 207.0
98 63.5 50.0 75.0





#13
Acrolein
Concen: 11.415 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

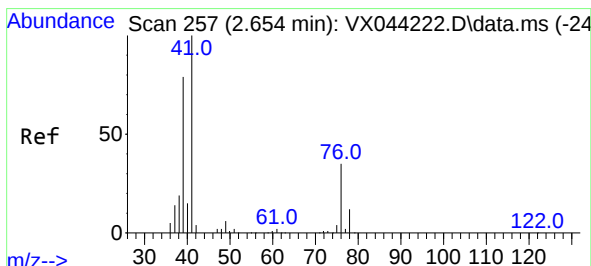
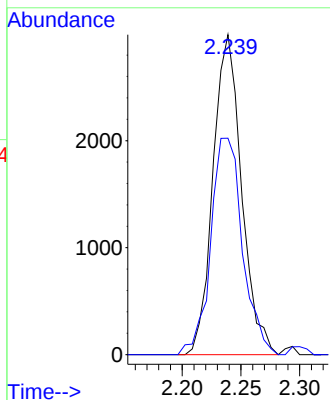
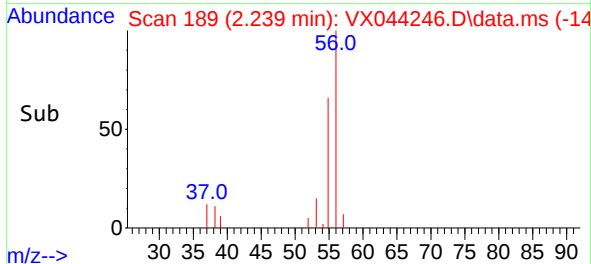
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion: 56 Resp: 5058
Ion Ratio Lower Upper
56 100
55 75.3 56.6 84.8

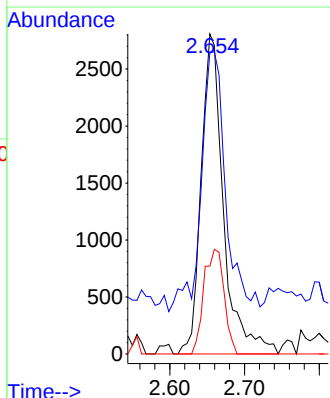
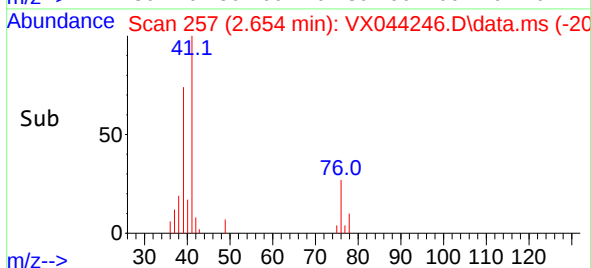
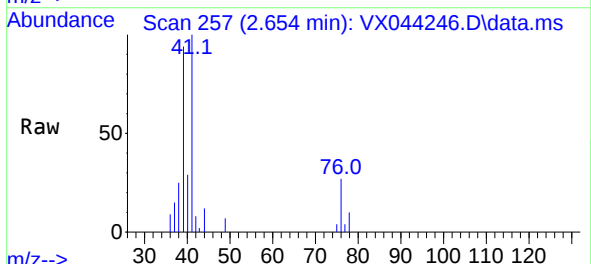
Manual Integrations
APPROVED

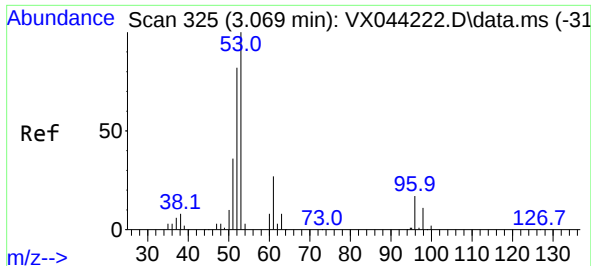
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#14
Allyl chloride
Concen: 2.524 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

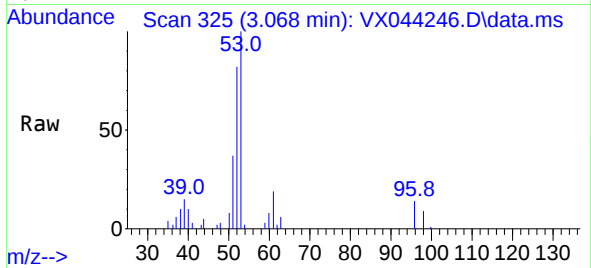
Tgt Ion: 41 Resp: 5833
Ion Ratio Lower Upper
41 100
39 88.7 61.9 92.9
76 29.5 27.4 41.2





#15
Acrylonitrile
Concen: 12.542 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.001 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

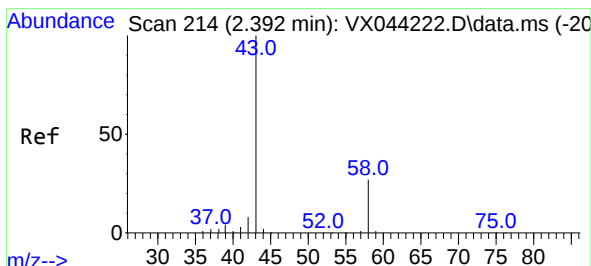
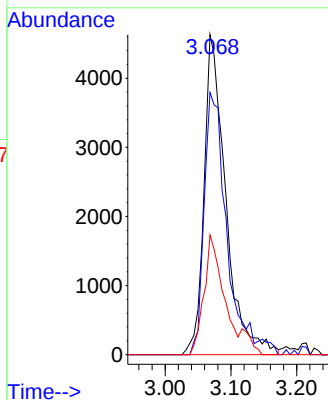
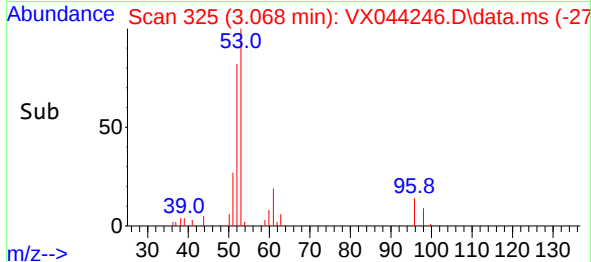
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



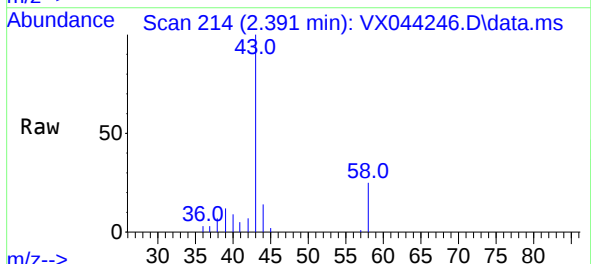
Tgt Ion: 53 Resp: 10629
Ion Ratio Lower Upper
53 100
52 83.6 67.4 101.0
51 33.1 30.3 45.5

Manual Integrations
APPROVED

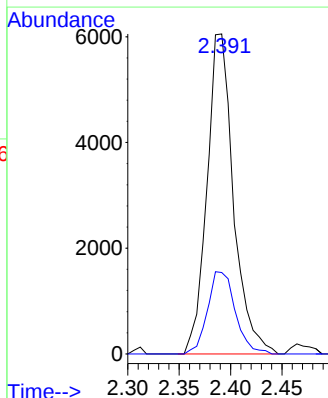
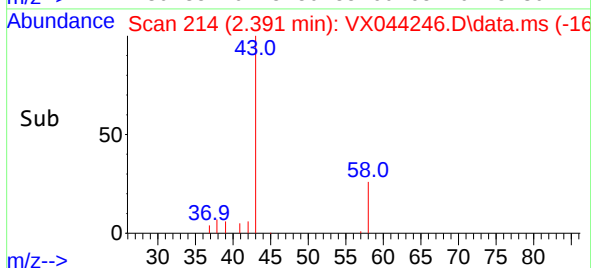
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

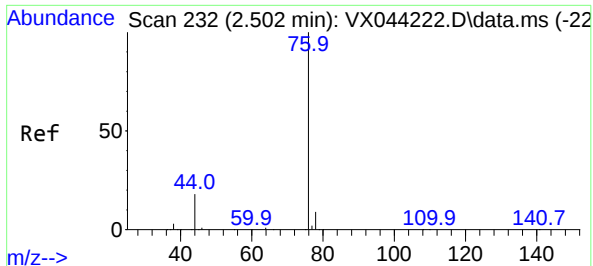


#16
Acetone
Concen: 12.273 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.001 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47



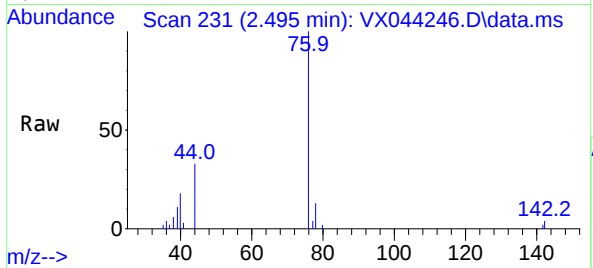
Tgt Ion: 43 Resp: 10861
Ion Ratio Lower Upper
43 100
58 25.5 21.6 32.4





#17
Carbon Disulfide
Concen: 2.075 ug/l
RT: 2.495 min Scan# 21
Delta R.T. -0.007 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

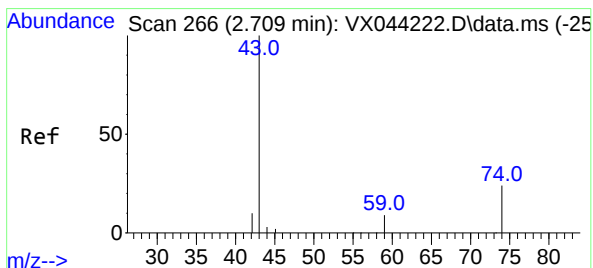
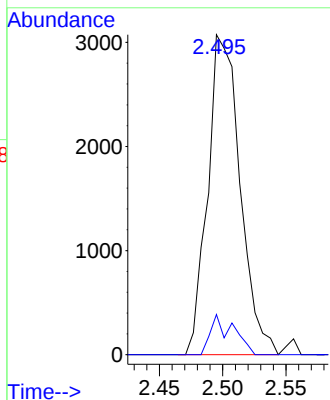
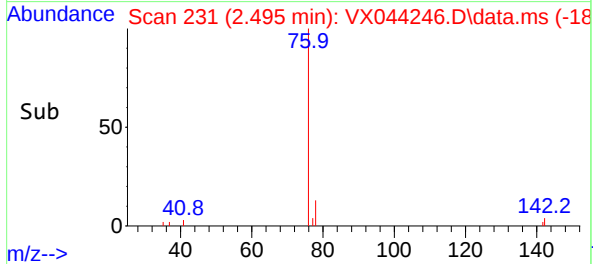
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 76 Resp: 547
Ion Ratio Lower Upper
76 100
78 12.6 7.4 11.0

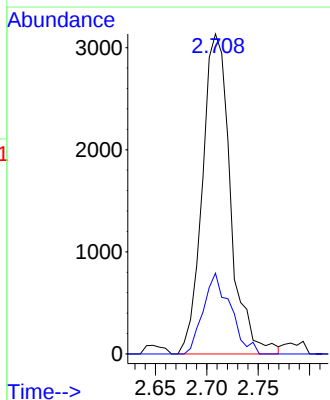
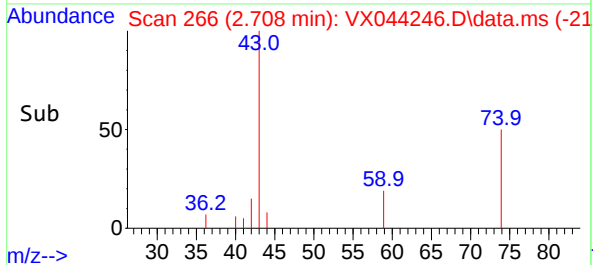
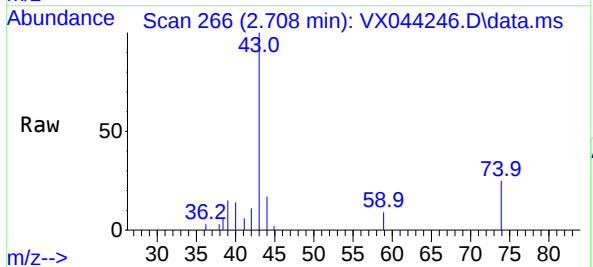
Manual Integrations
APPROVED

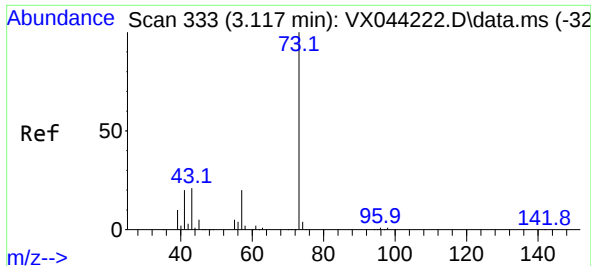
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#18
Methyl Acetate
Concen: 2.612 ug/l
RT: 2.708 min Scan# 266
Delta R.T. -0.001 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

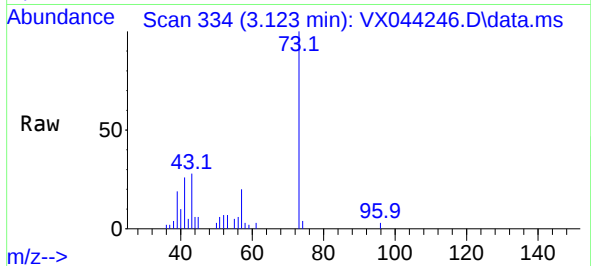
Tgt Ion: 43 Resp: 5961
Ion Ratio Lower Upper
43 100
74 24.4 17.7 26.5





#19
Methyl tert-butyl Ether
Concen: 2.393 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

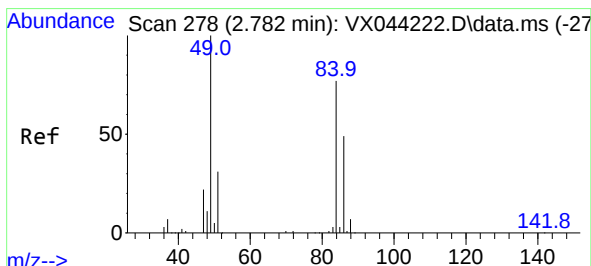
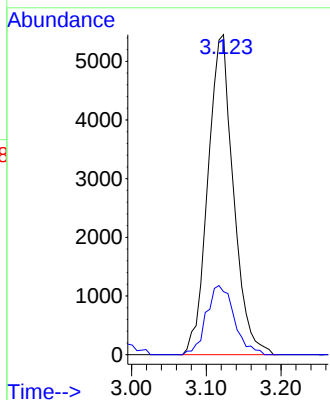
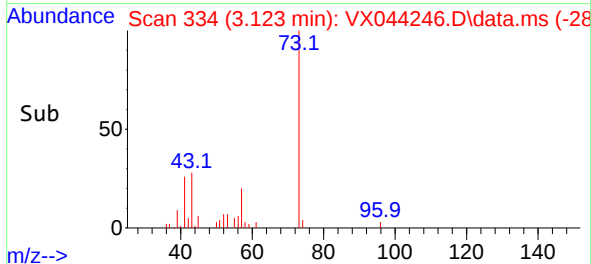
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 73 Resp: 12960
Ion Ratio Lower Upper
73 100
57 19.7 16.2 24.4

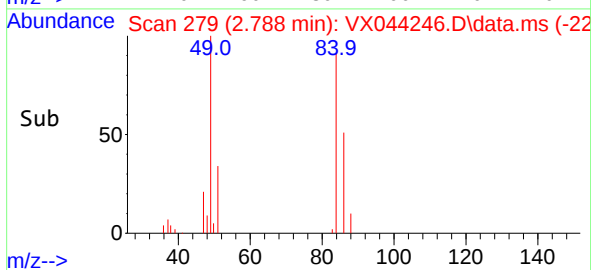
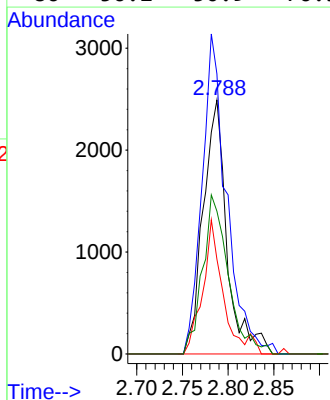
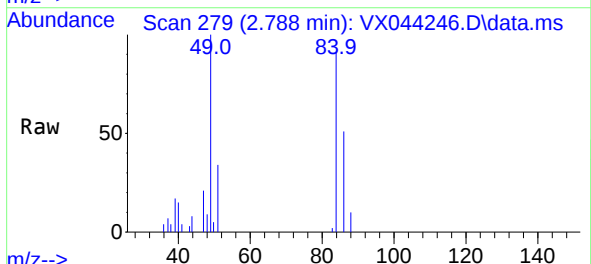
Manual Integrations
APPROVED

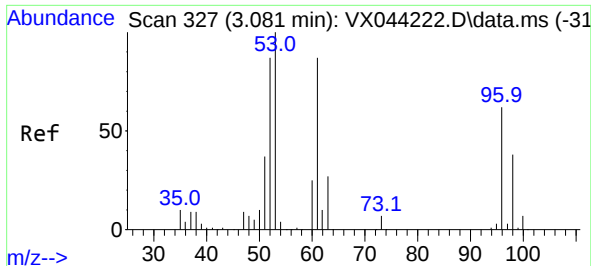
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#20
Methylene Chloride
Concen: 2.706 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

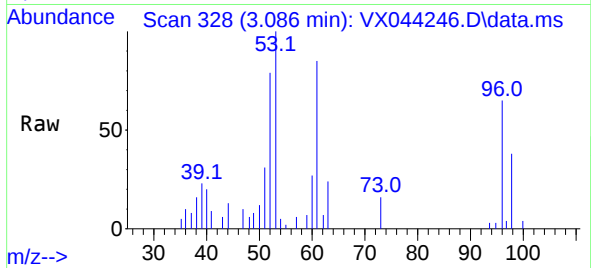
Tgt Ion: 84 Resp: 4498
Ion Ratio Lower Upper
84 100
49 110.3 104.2 156.4
51 37.3 32.2 48.4
86 56.2 50.9 76.3





#21
trans-1,2-Dichloroethene
Concen: 2.463 ug/l
RT: 3.086 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

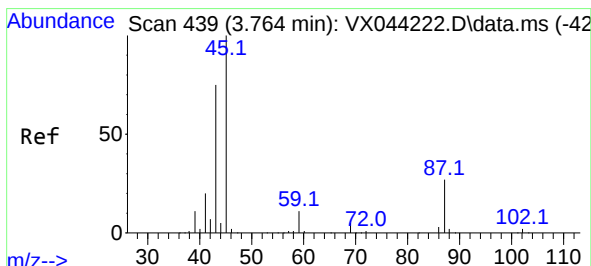
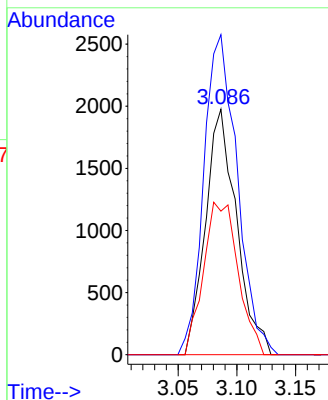
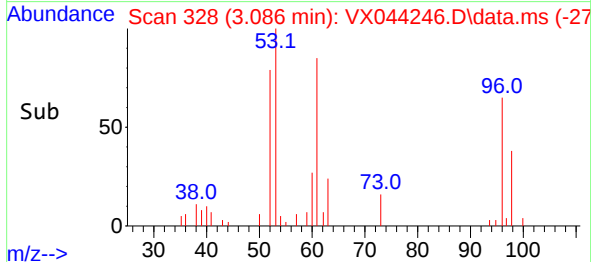
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 96 Resp: 363
Ion Ratio Lower Upper
96 100
61 130.4 112.0 168.0
98 58.5 48.8 73.2

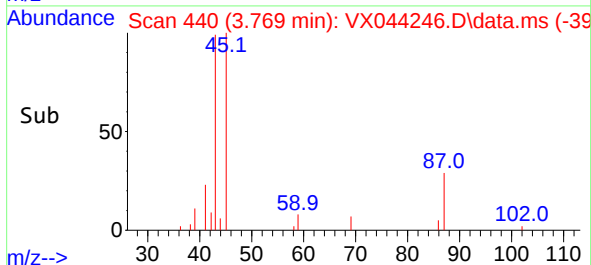
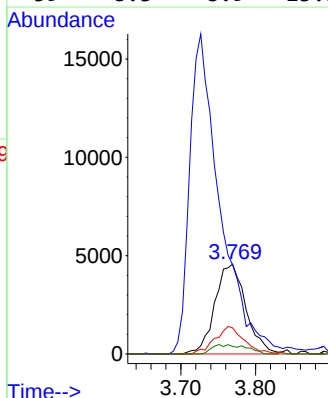
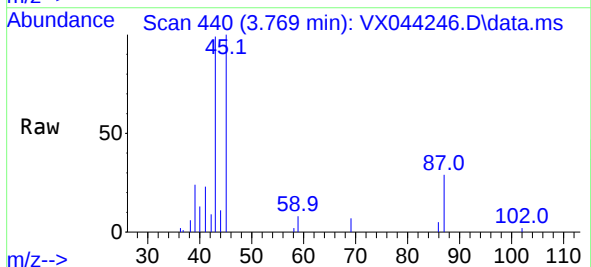
Manual Integrations
APPROVED

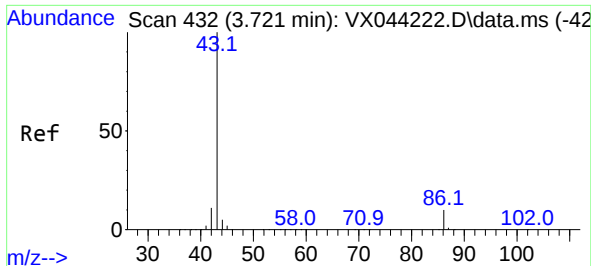
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#22
Diisopropyl ether
Concen: 2.523 ug/l
RT: 3.769 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

Tgt Ion: 45 Resp: 13130
Ion Ratio Lower Upper
45 100
43 91.3 60.2 90.2#
87 29.1 21.2 31.8
59 8.3 8.9 13.3#





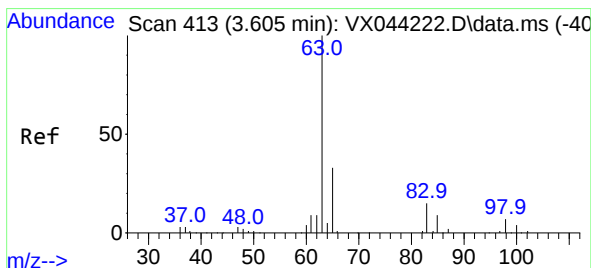
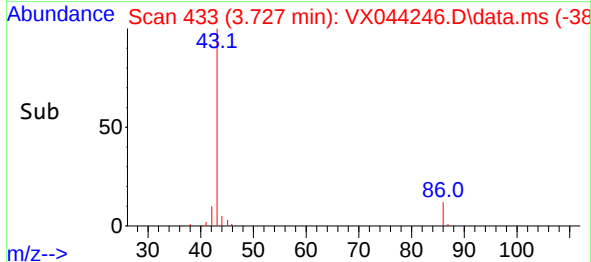
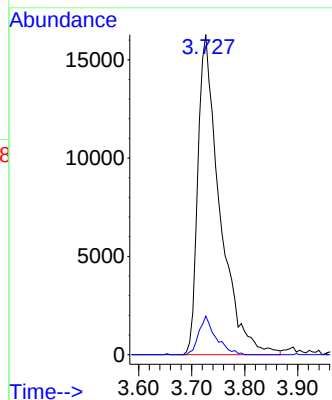
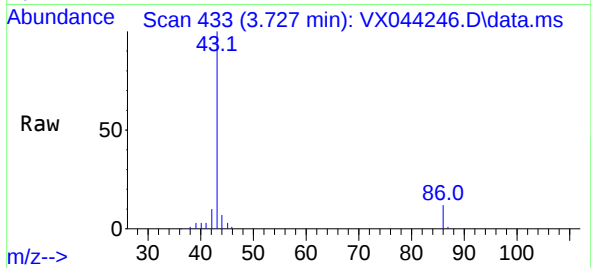
#23
 Vinyl Acetate
 Concen: 11.028 ug/l
 RT: 3.727 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX044246.D
 Acq: 12 Dec 2024 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2024

Tgt Ion: 43 Resp: 46660
 Ion Ratio Lower Upper
 43 100
 86 12.0 8.2 12.2

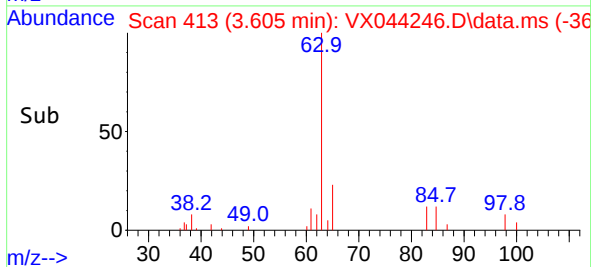
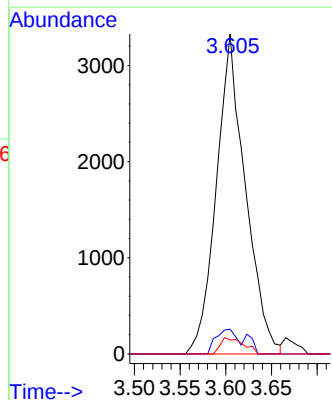
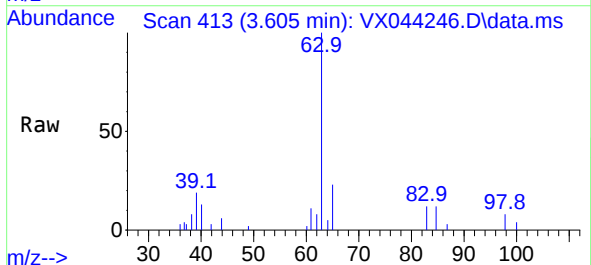
Manual Integrations
 APPROVED

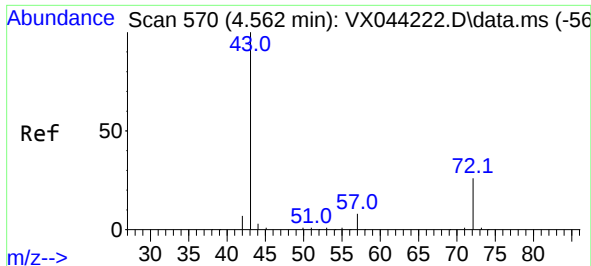
Reviewed By :John Carlone 12/13/2024
 Supervised By :Mahesh Dadoda 12/13/2024



#24
 1,1-Dichloroethane
 Concen: 2.532 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX044246.D
 Acq: 12 Dec 2024 12:47

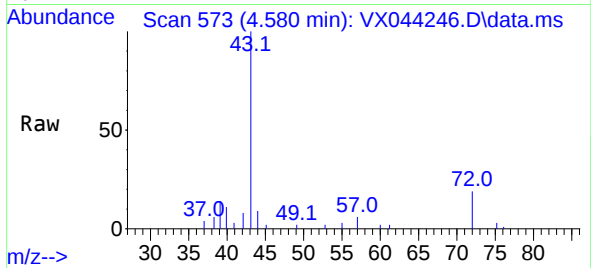
Tgt Ion: 63 Resp: 7345
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.6 10.8
 100 4.4 2.1 6.3





#25
2-Butanone
Concen: 11.608 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

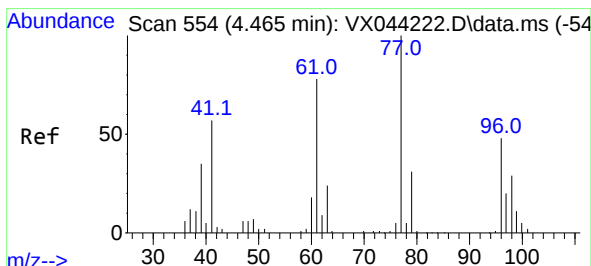
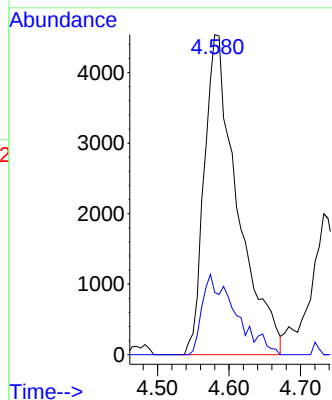
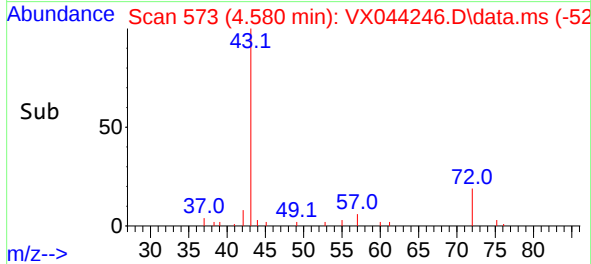
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 43 Resp: 14604
Ion Ratio Lower Upper
43 100
72 19.5 20.2 30.4

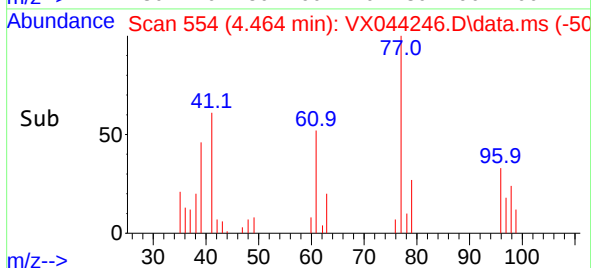
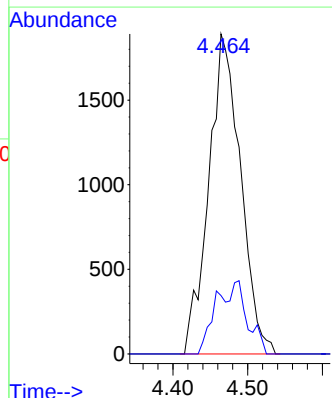
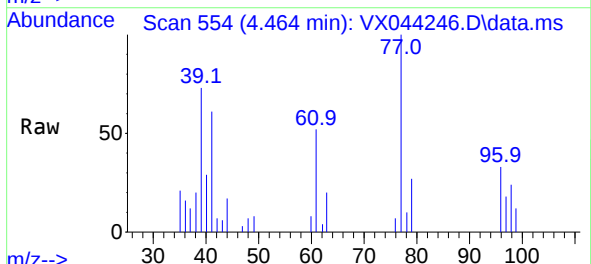
Manual Integrations
APPROVED

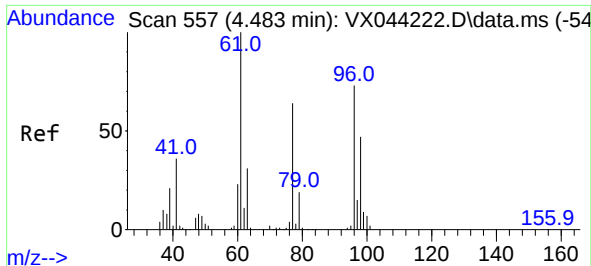
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#26
2,2-Dichloropropane
Concen: 2.375 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

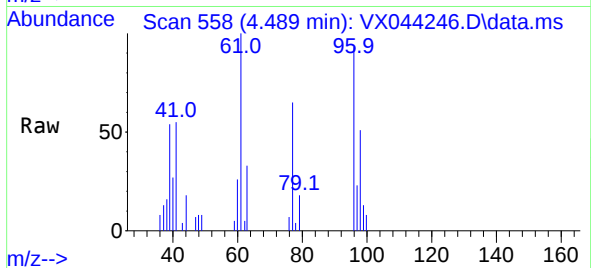
Tgt Ion: 77 Resp: 5599
Ion Ratio Lower Upper
77 100
97 9.4 10.7 32.1#





#27
cis-1,2-Dichloroethene
Concen: 2.520 ug/l
RT: 4.489 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

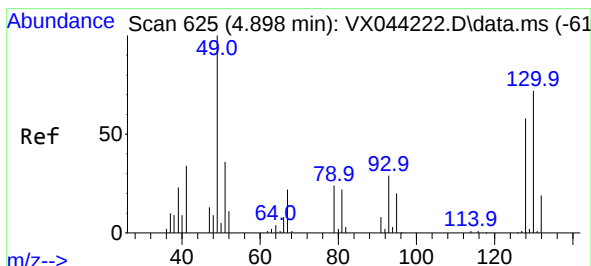
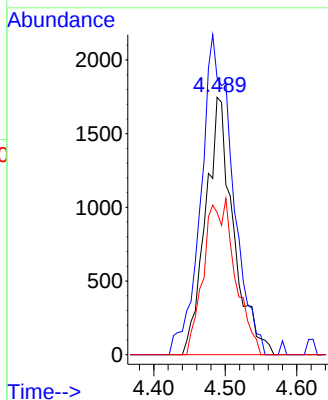
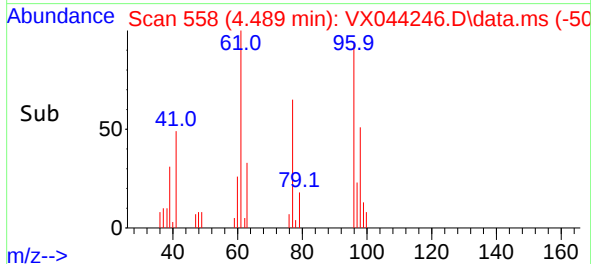
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 96 Resp: 4720
Ion Ratio Lower Upper
96 100
61 141.4 0.0 299.0
98 68.1 0.0 129.0

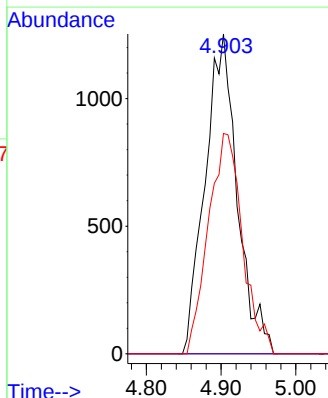
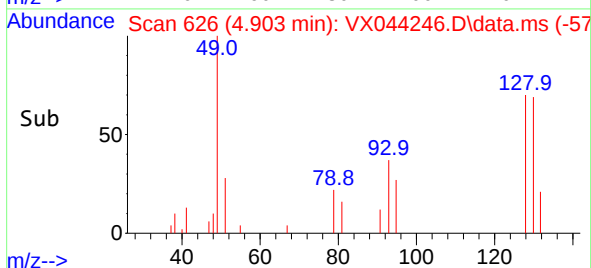
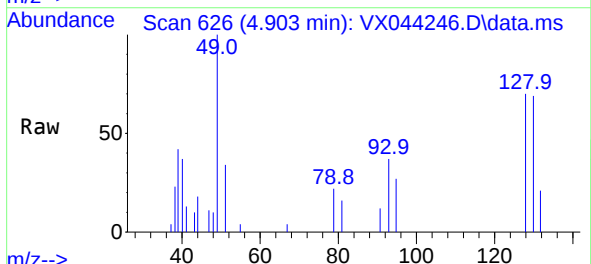
Manual Integrations
APPROVED

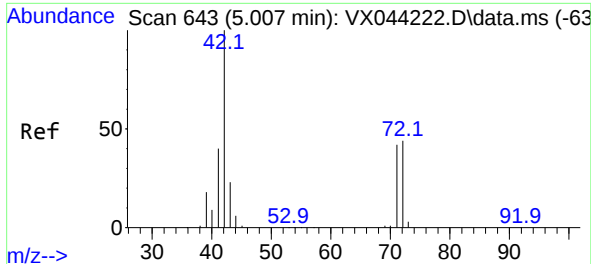
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#28
Bromochloromethane
Concen: 2.637 ug/l
RT: 4.903 min Scan# 626
Delta R.T. 0.006 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

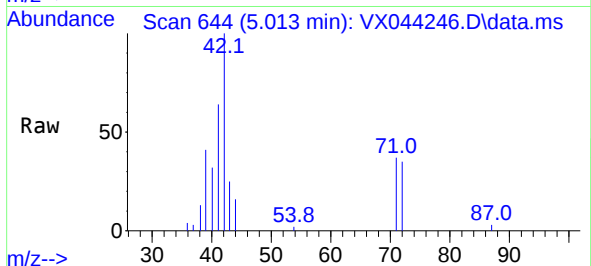
Tgt Ion: 49 Resp: 3751
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 72.9 62.1 93.1





#29
Tetrahydrofuran
Concen: 11.936 ug/l
RT: 5.013 min Scan# 643
Delta R.T. 0.006 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

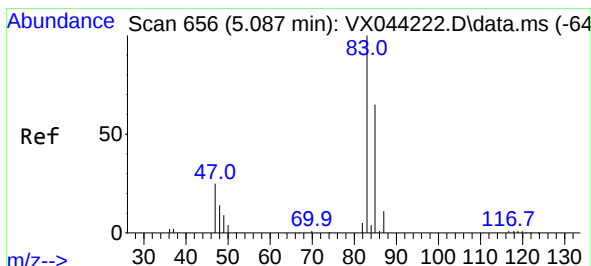
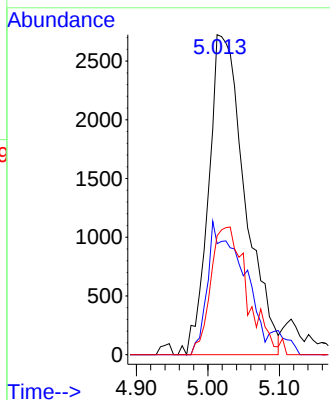
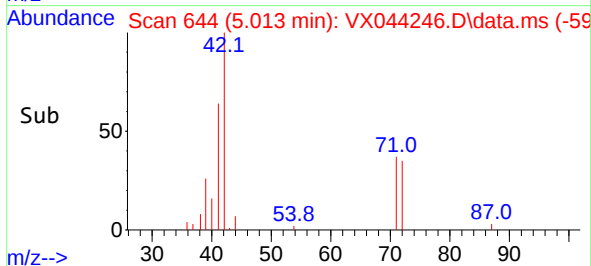
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 42 Resp: 9639
Ion Ratio Lower Upper
42 100
72 40.3 37.0 55.6
71 0.0 33.6 50.4

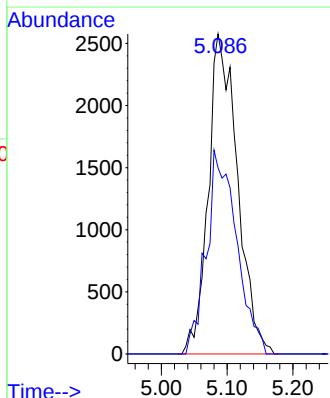
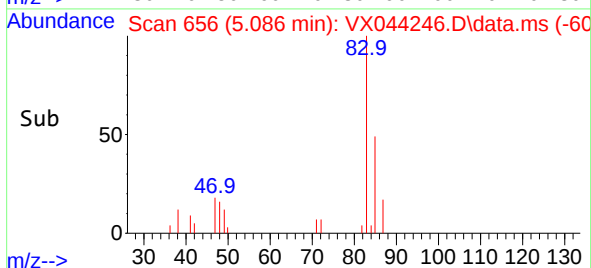
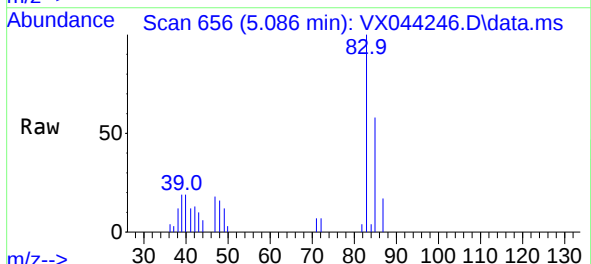
Manual Integrations
APPROVED

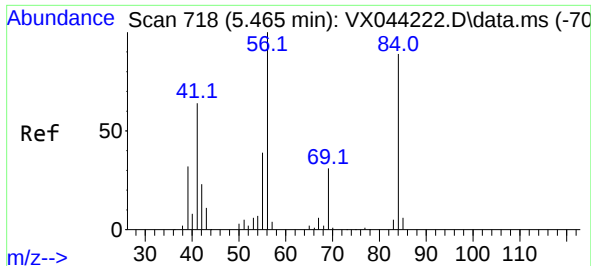
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#30
Chloroform
Concen: 2.436 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.001 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

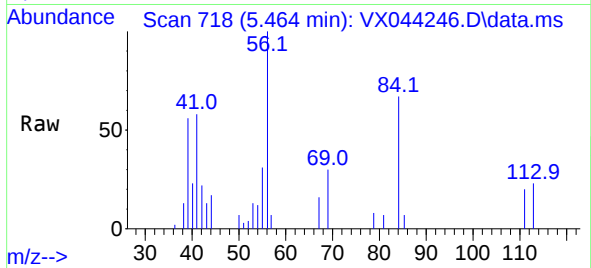
Tgt Ion: 83 Resp: 7940
Ion Ratio Lower Upper
83 100
85 58.2 51.6 77.4





#31
Cyclohexane
Concen: 2.625 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

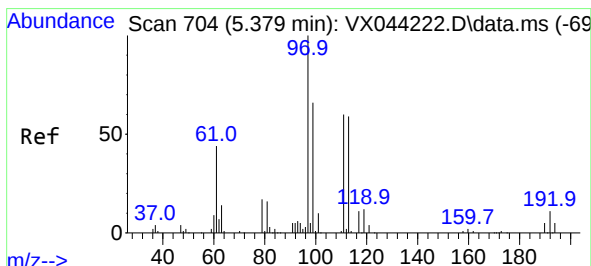
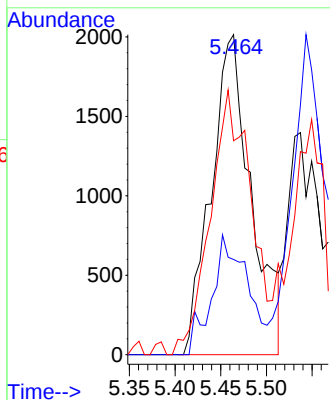
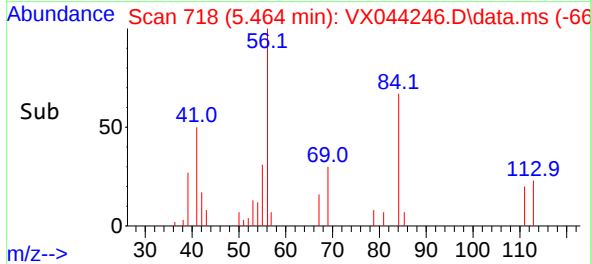
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2024



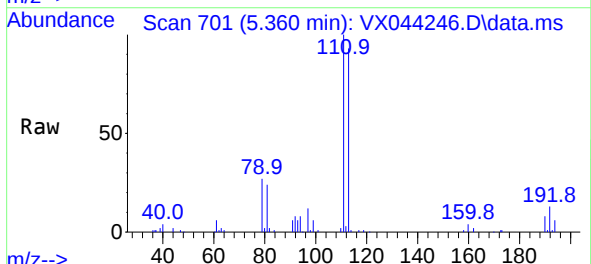
Tgt Ion: 56 Resp: 6150
Ion Ratio Lower Upper
56 100
69 29.7 24.7 37.1
84 62.1 71.0 106.6

Manual Integrations
APPROVED

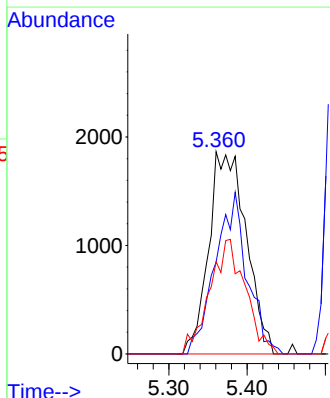
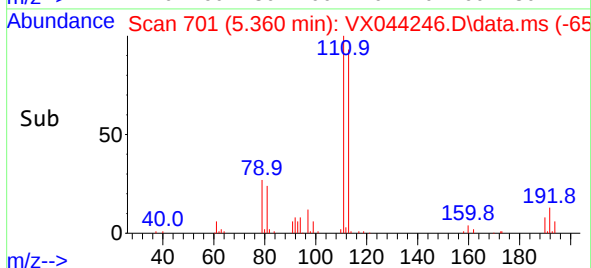
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

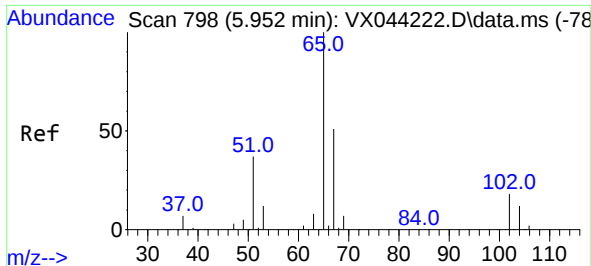


#32
1,1,1-Trichloroethane
Concen: 2.288 ug/l
RT: 5.360 min Scan# 701
Delta R.T. -0.019 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47



Tgt Ion: 97 Resp: 6190
Ion Ratio Lower Upper
97 100
99 0.0 50.8 76.2#
61 0.0 35.2 52.8#





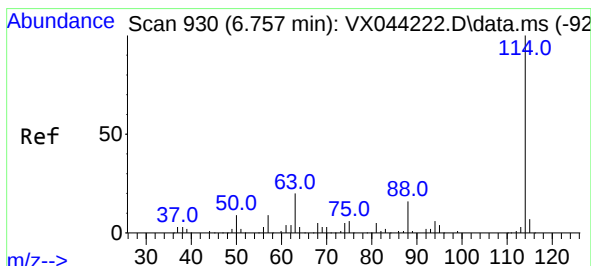
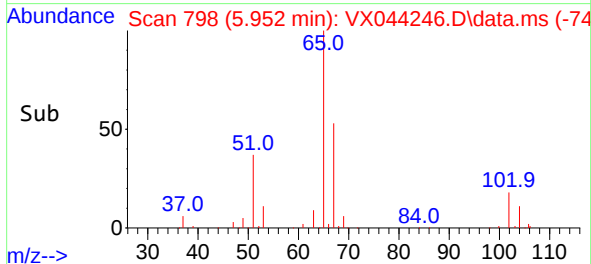
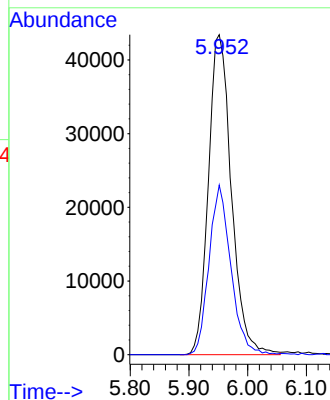
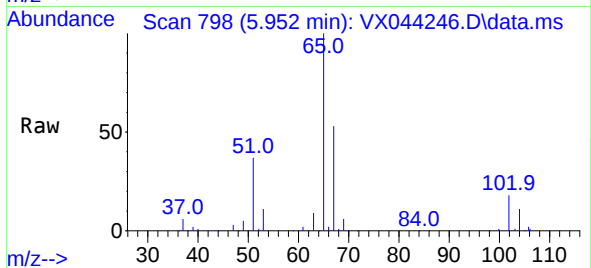
#33
1,2-Dichloroethane-d4
Concen: 54.453 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion: 65 Resp: 11820
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.6

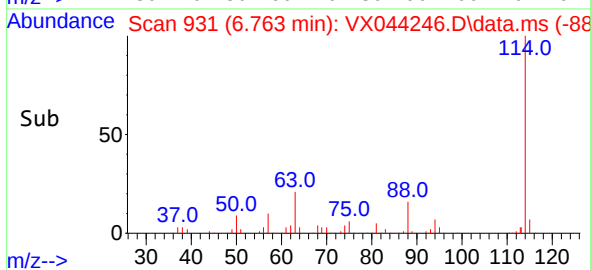
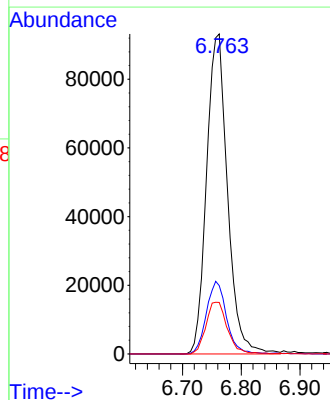
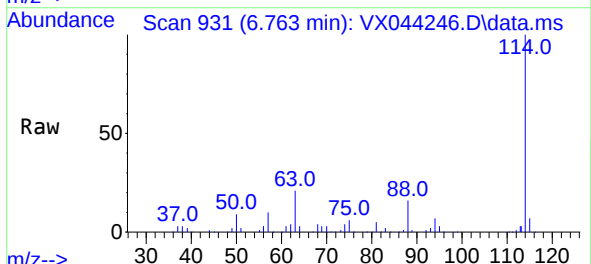
Manual Integrations
APPROVED

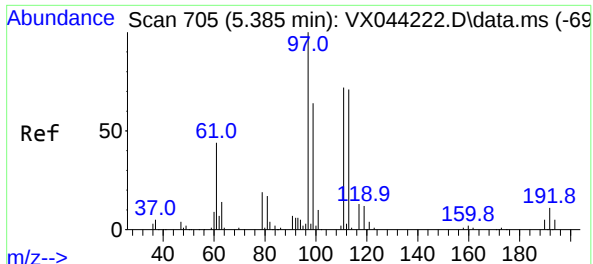
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

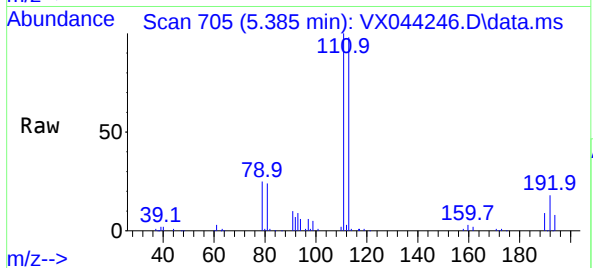
Tgt Ion:114 Resp: 230757
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.6
88 16.1 0.0 31.8





#35
Dibromofluoromethane
Concen: 51.847 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

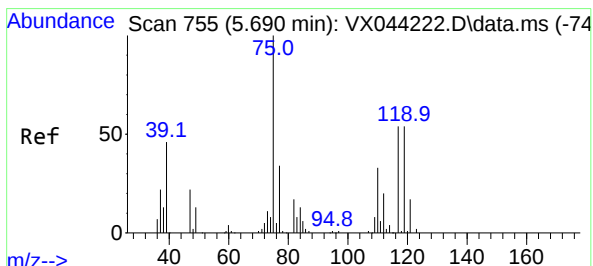
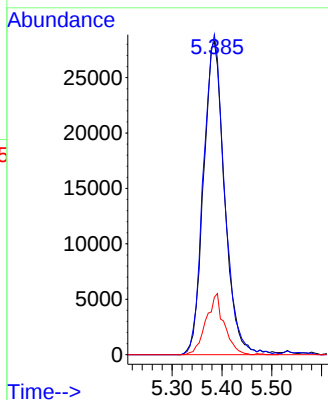
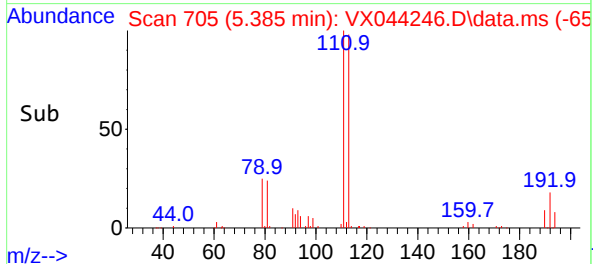
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 113 Resp: 82862
Ion Ratio Lower Upper
113 100
111 101.6 80.4 120.6
192 16.8 13.3 19.9

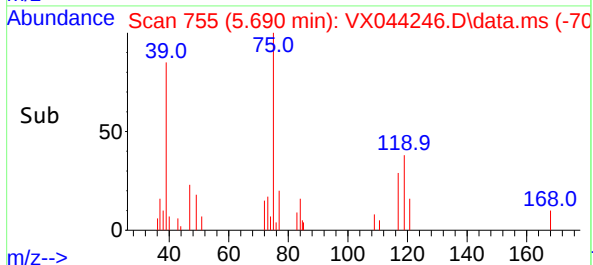
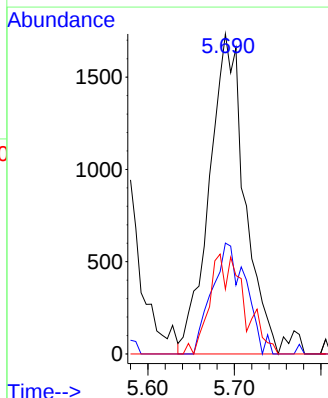
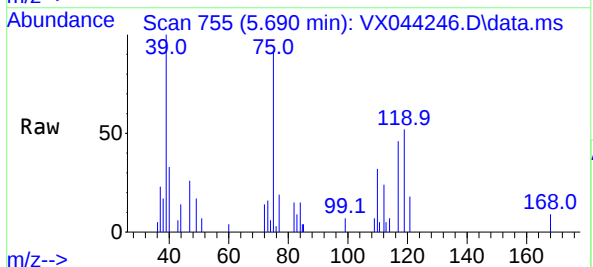
Manual Integrations
APPROVED

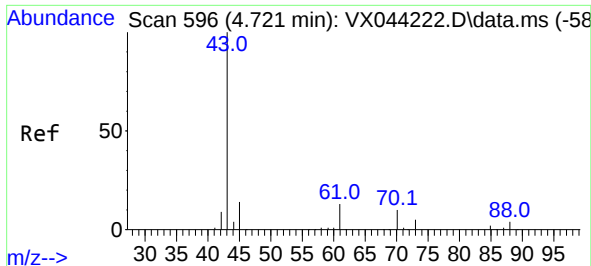
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#36
1,1-Dichloropropene
Concen: 2.375 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

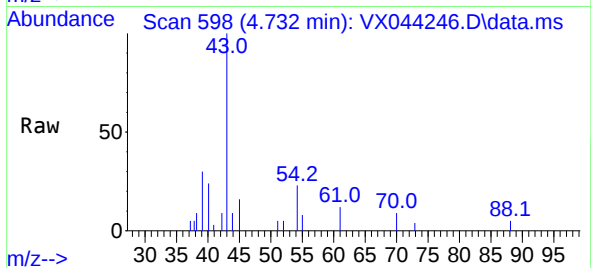
Tgt Ion: 75 Resp: 4907
Ion Ratio Lower Upper
75 100
110 33.2 17.3 51.7
77 14.8 25.4 38.0#





#37
Ethyl Acetate
Concen: 2.558 ug/l m
RT: 4.732 min Scan# 596
Delta R.T. 0.012 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

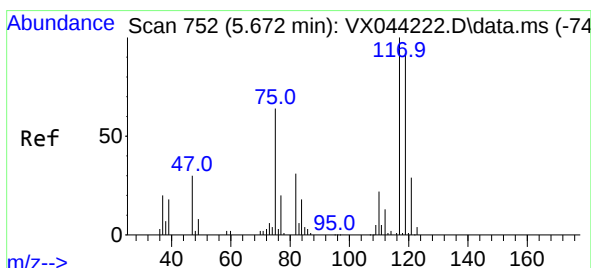
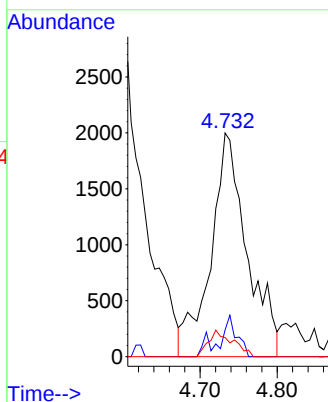
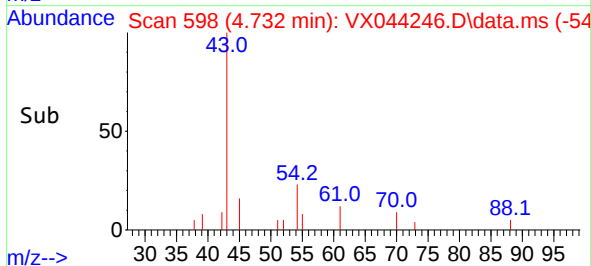
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



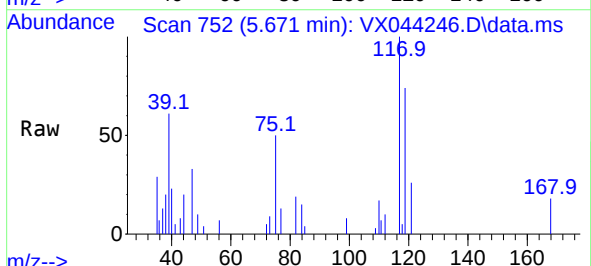
Tgt Ion: 43 Resp: 653
Ion Ratio Lower Upper
43 100
61 6.1 9.8 14.8
70 7.9 7.7 11.5

Manual Integrations
APPROVED

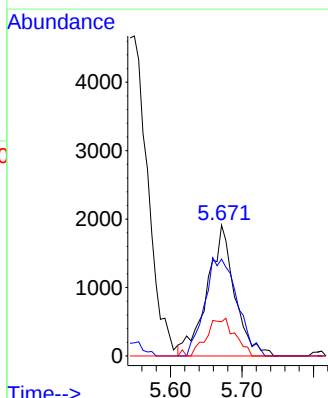
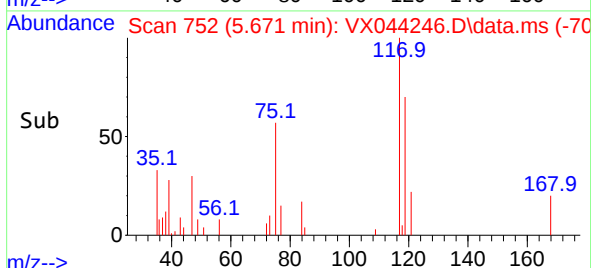
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

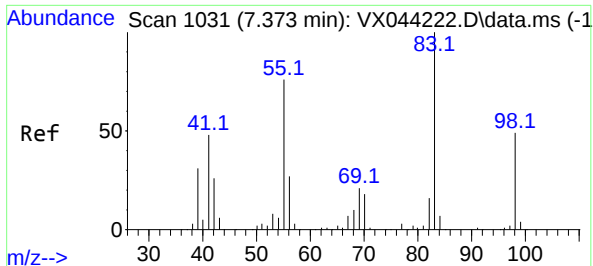


#38
Carbon Tetrachloride
Concen: 2.292 ug/l
RT: 5.671 min Scan# 752
Delta R.T. -0.001 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47



Tgt Ion:117 Resp: 5097
Ion Ratio Lower Upper
117 100
119 74.0 74.2 111.4#
121 26.1 23.0 34.6





#39

Methylcyclohexane

Concen: 2.239 ug/l

RT: 7.378 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VX044246.D

Acq: 12 Dec 2024 12:47

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion: 83 Resp: 5529

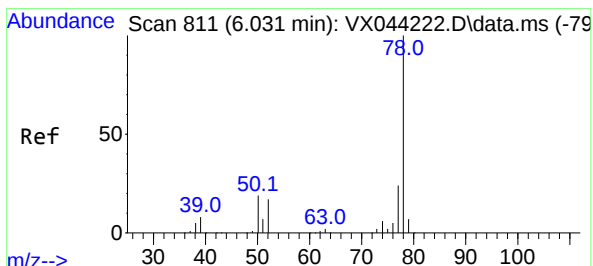
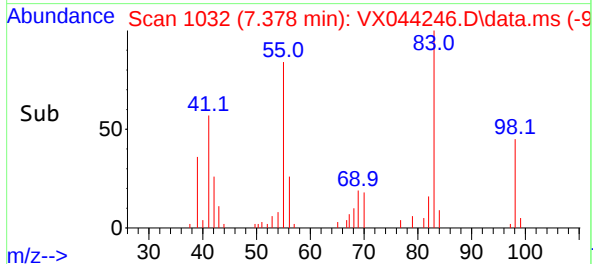
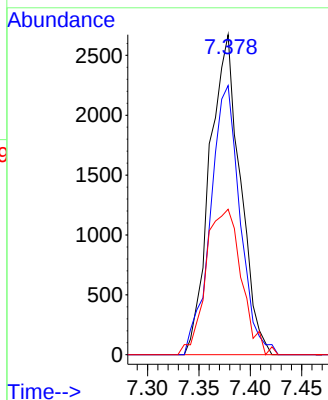
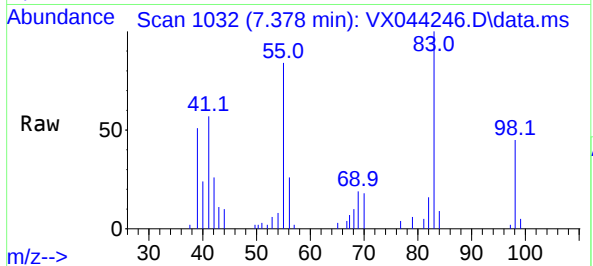
Ion	Ratio	Lower	Upper
83	100		
55	84.1	60.7	91.1
98	45.5	38.9	58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2024

Supervised By :Mahesh Dadoda 12/13/2024



#40

Benzene

Concen: 2.468 ug/l

RT: 6.031 min Scan# 811

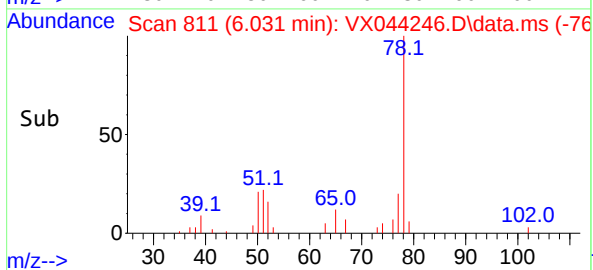
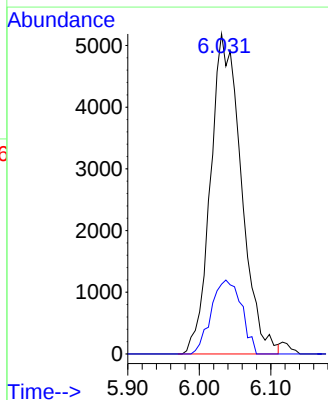
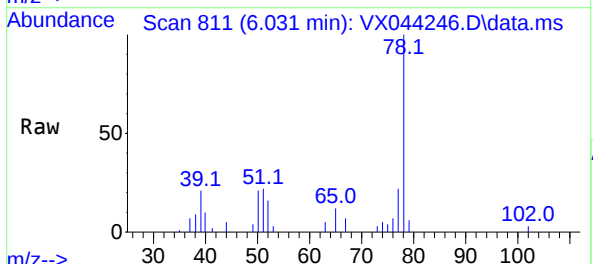
Delta R.T. -0.000 min

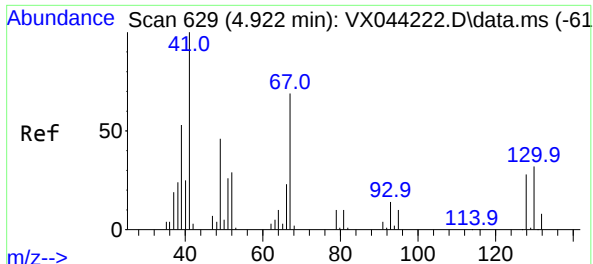
Lab File: VX044246.D

Acq: 12 Dec 2024 12:47

Tgt Ion: 78 Resp: 15481

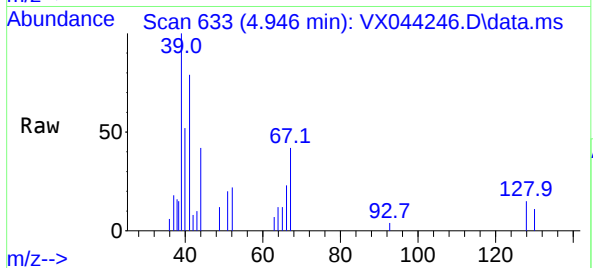
Ion	Ratio	Lower	Upper
78	100		
77	21.8	19.3	28.9





#41
Methacrylonitrile
Concen: 2.287 ug/l m
RT: 4.946 min Scan# 610
Delta R.T. 0.024 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024

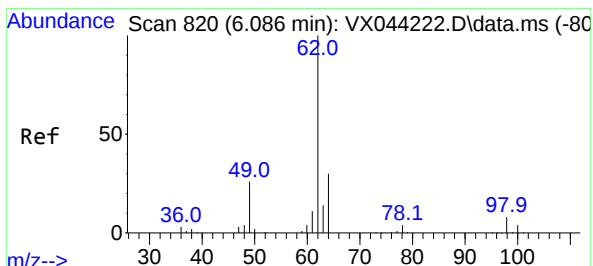
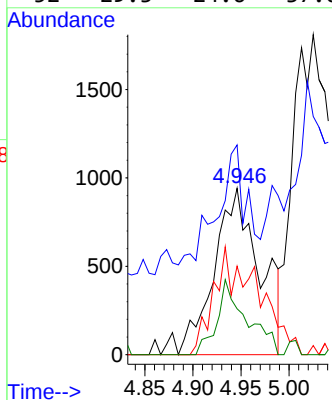
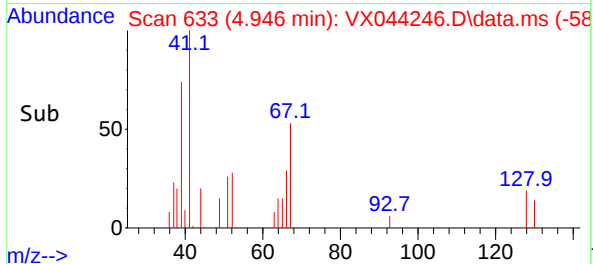


Tgt Ion: 41 Resp: 310

Ion	Ratio	Lower	Upper
41	100		
39	57.1	44.2	66.4
67	62.7	57.2	85.8
52	29.3	24.6	37.0

Manual Integrations
APPROVED

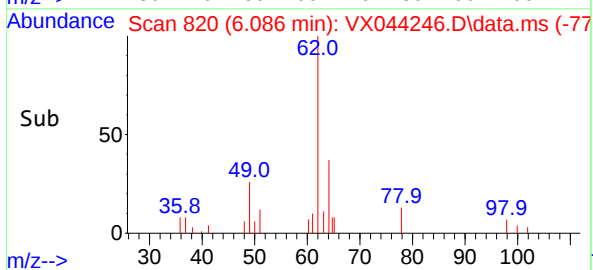
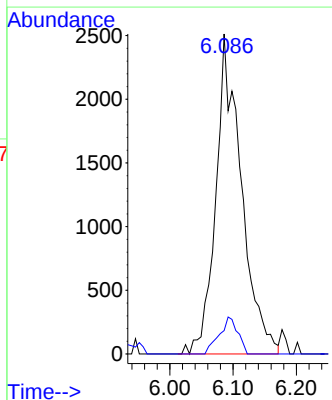
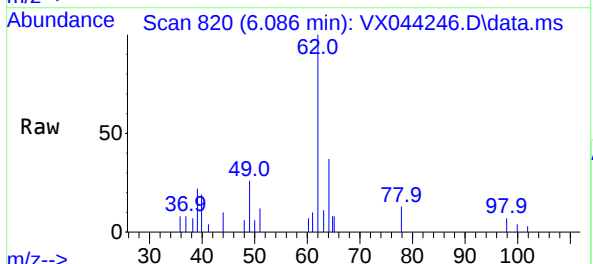
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

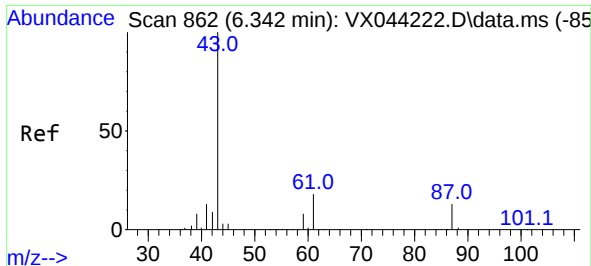


#42
1,2-Dichloroethane
Concen: 2.720 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.001 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

Tgt Ion: 62 Resp: 7029

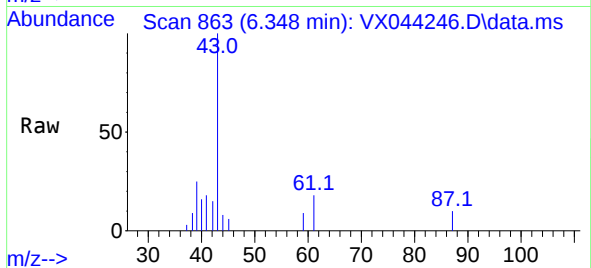
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	15.8





#43
Isopropyl Acetate
Concen: 2.273 ug/l
RT: 6.348 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

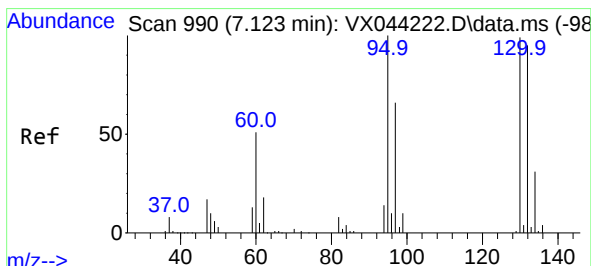
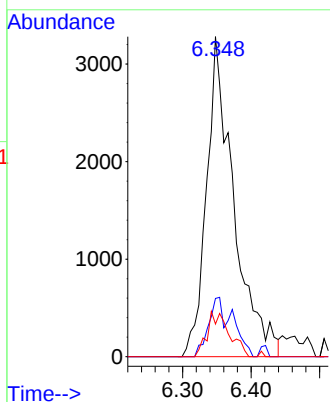
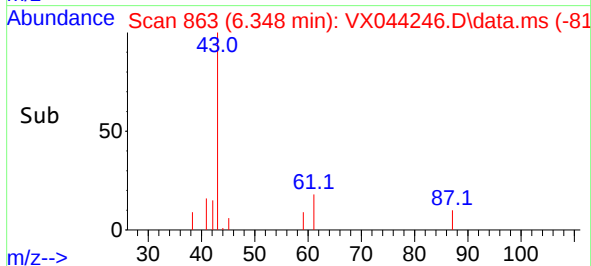
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



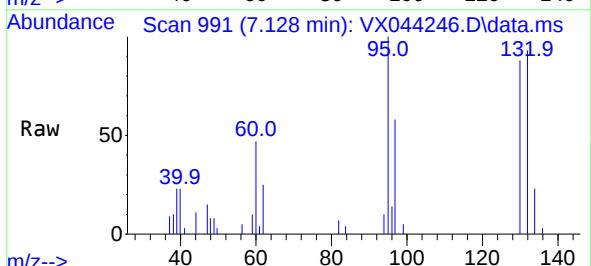
Tgt Ion: 43 Resp: 9073
Ion Ratio Lower Upper
43 100
61 11.3 14.2 21.2
87 11.4 10.2 15.2

Manual Integrations
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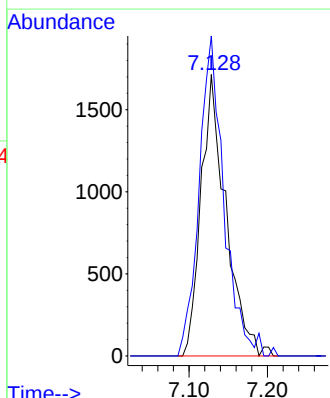
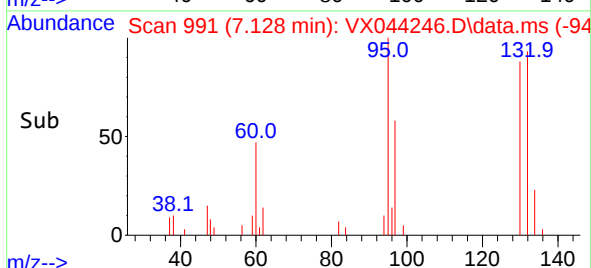
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

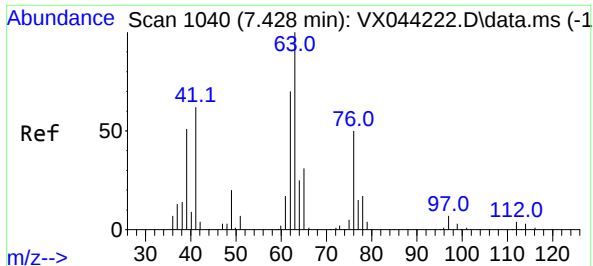


#44
Trichloroethene
Concen: 2.427 ug/l
RT: 7.128 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47



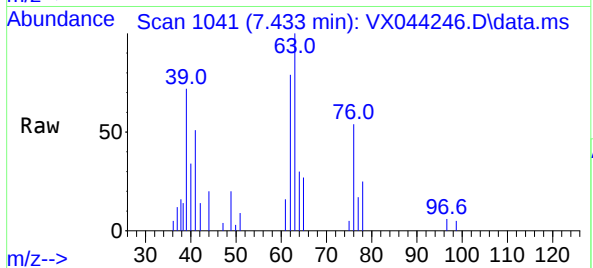
Tgt Ion:130 Resp: 3797
Ion Ratio Lower Upper
130 100
95 113.7 0.0 201.4





#45
1,2-Dichloropropane
Concen: 2.362 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

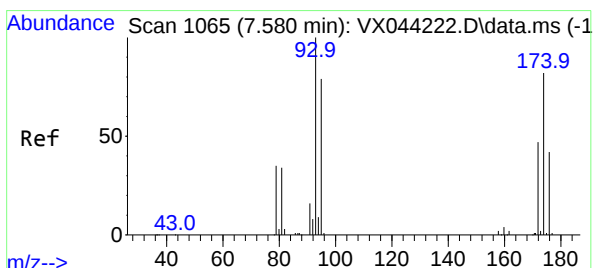
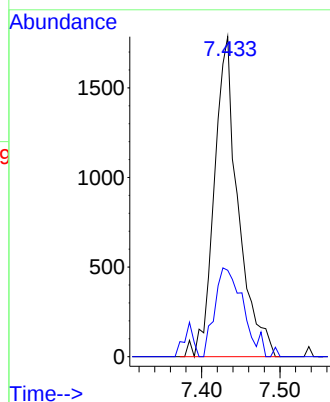
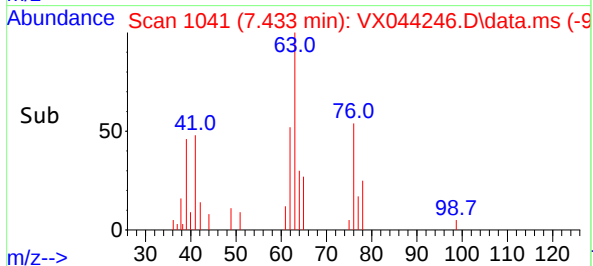
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2024



Tgt Ion: 63 Resp: 3785
Ion Ratio Lower Upper
63 100
65 27.0 24.6 37.0

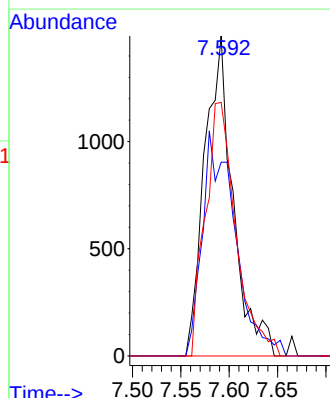
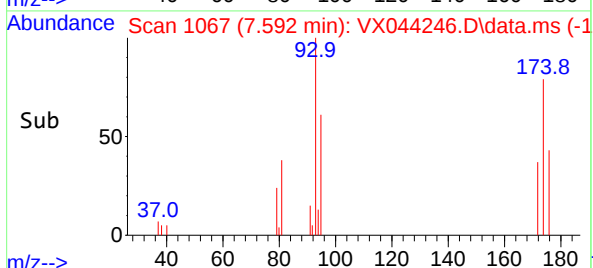
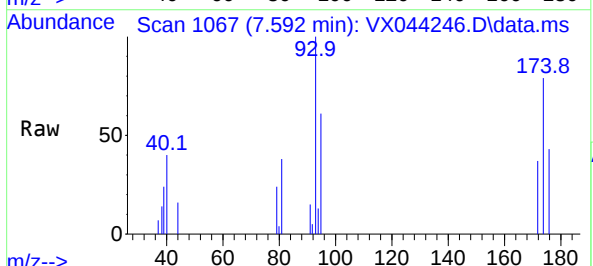
Manual Integrations
APPROVED

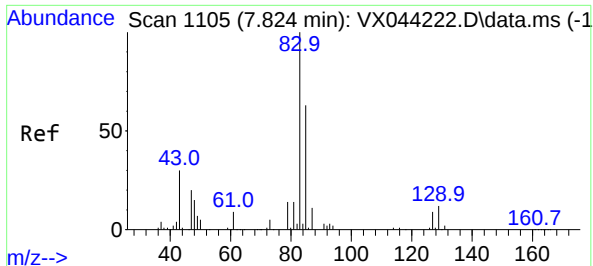
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#46
Dibromomethane
Concen: 2.450 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. 0.012 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

Tgt Ion: 93 Resp: 3046
Ion Ratio Lower Upper
93 100
95 80.8 65.4 98.2
174 85.6 67.9 101.9





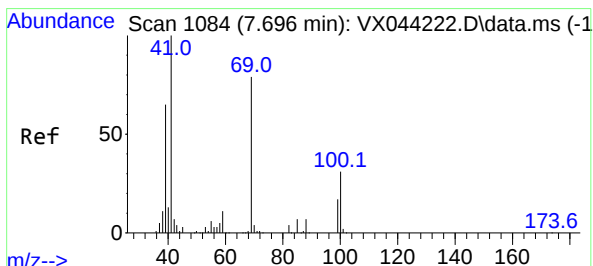
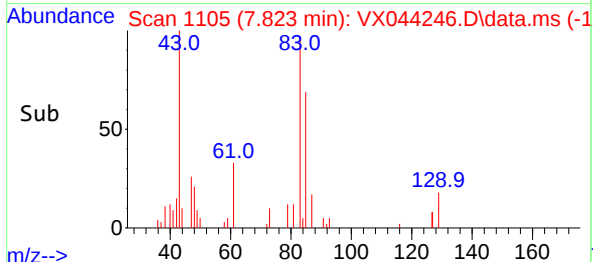
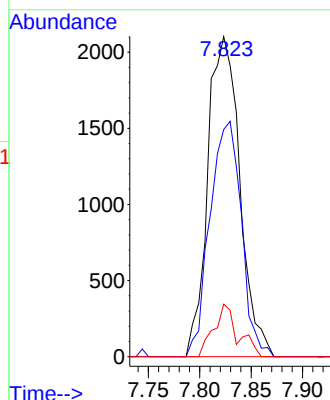
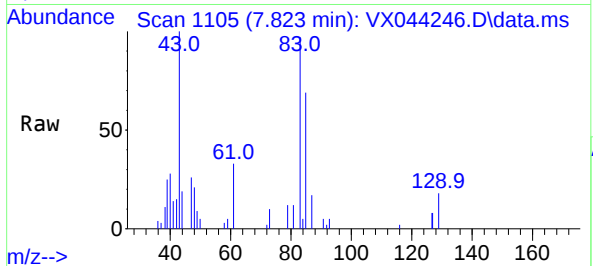
#47
Bromodichloromethane
Concen: 2.123 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. -0.001 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion: 83 Resp: 4559
Ion Ratio Lower Upper
83 100
85 71.0 50.6 75.8
127 16.4 7.3 10.9

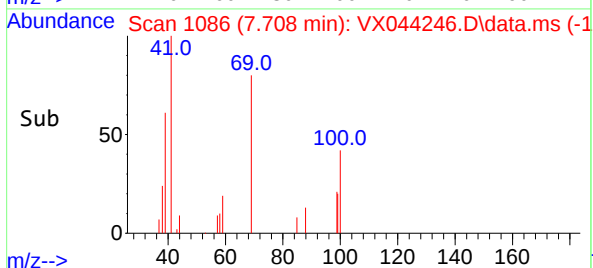
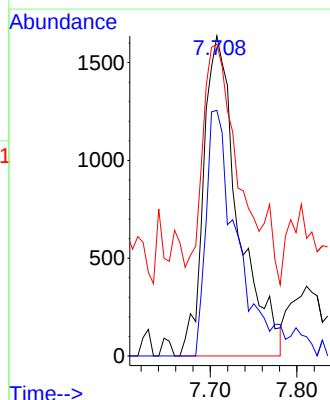
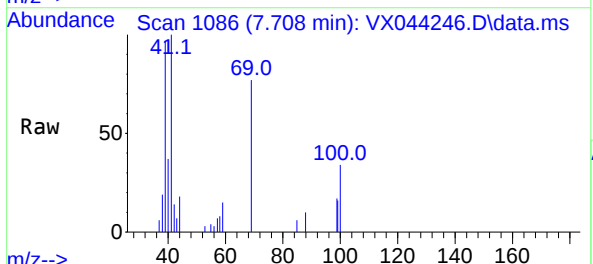
Manual Integrations
APPROVED

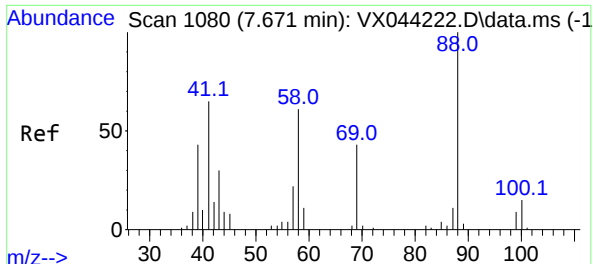
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#48
Methyl methacrylate
Concen: 2.339 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.012 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

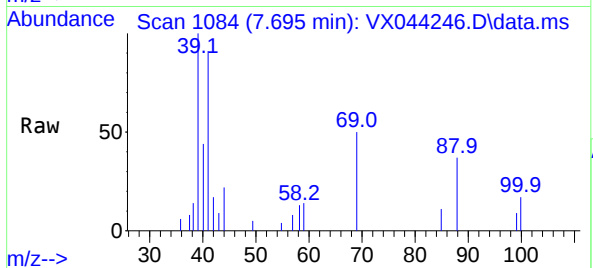
Tgt Ion: 41 Resp: 4532
Ion Ratio Lower Upper
41 100
69 69.4 62.4 93.6
39 63.9 53.3 79.9





#49
1,4-Dioxane
Concen: 49.714 ug/l m
RT: 7.695 min Scan# 1084
Delta R.T. 0.024 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

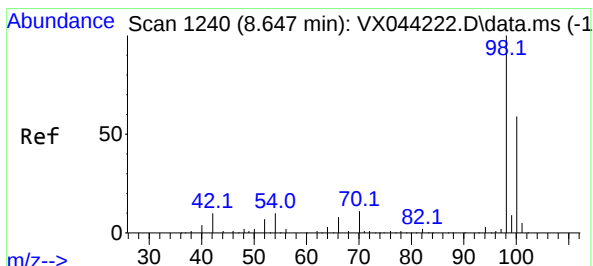
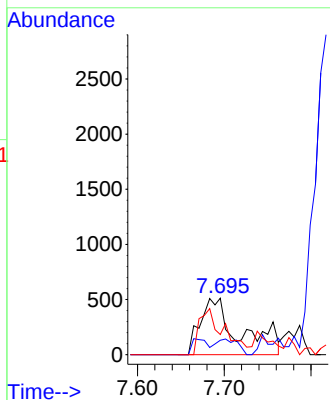
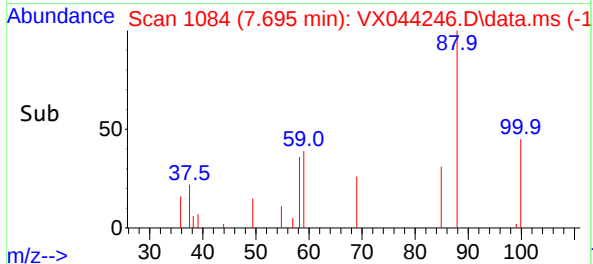
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 88 Resp: 159
Ion Ratio Lower Upper
88 100
43 15.6 27.1 40.7
58 51.3 41.0 61.4

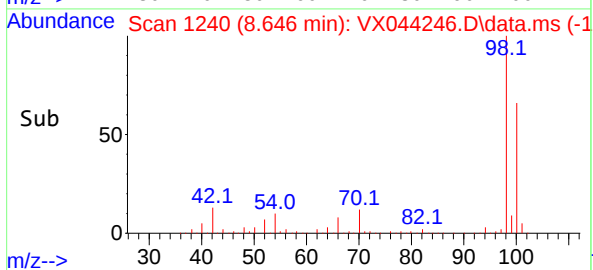
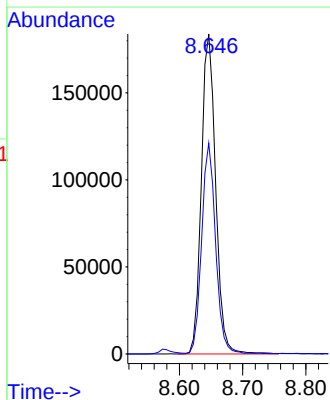
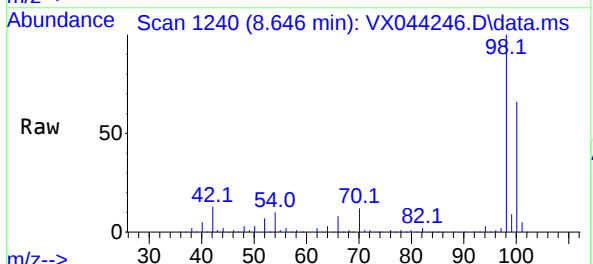
Manual Integrations
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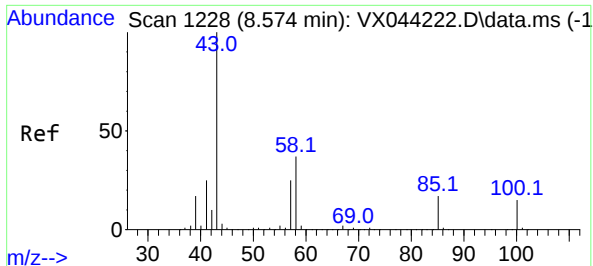
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#50
Toluene-d8
Concen: 53.582 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

Tgt Ion: 98 Resp: 288909
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3





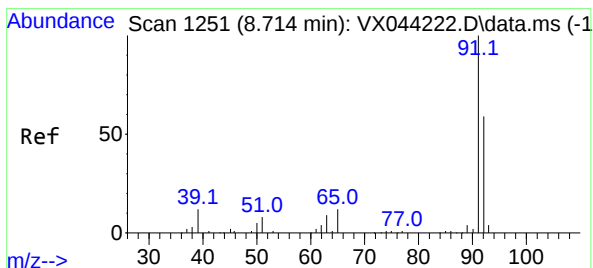
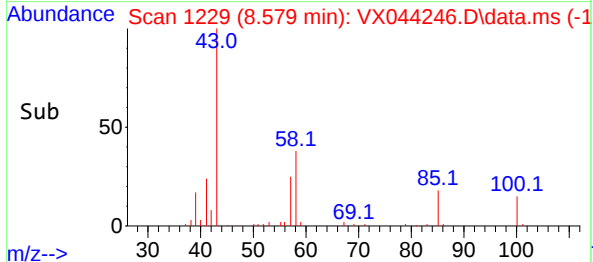
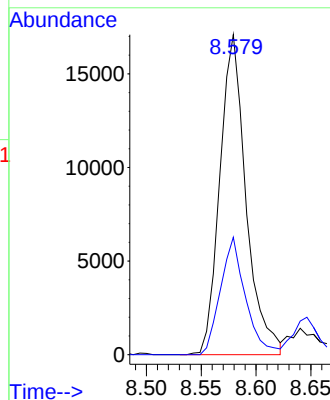
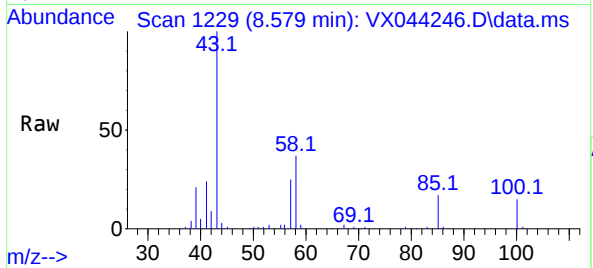
#51
4-Methyl-2-Pentanone
Concen: 11.077 ug/l
RT: 8.579 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion: 43 Resp: 2842
Ion Ratio Lower Upper
43 100
58 35.2 29.4 44.0

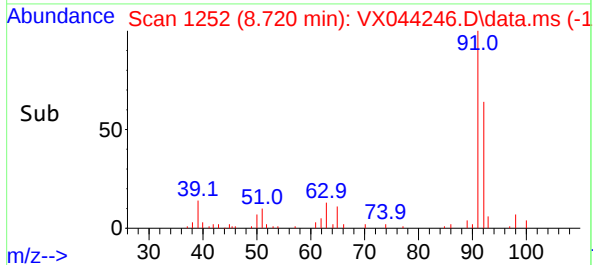
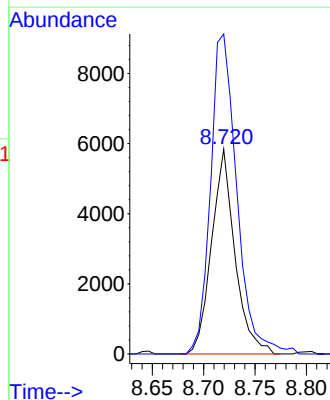
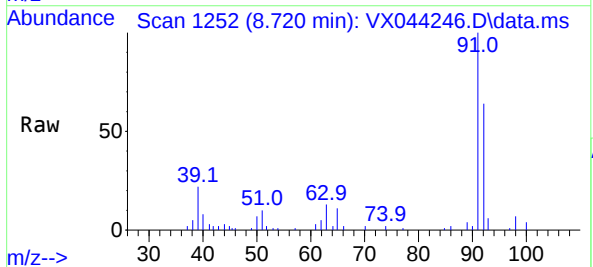
Manual Integrations
APPROVED

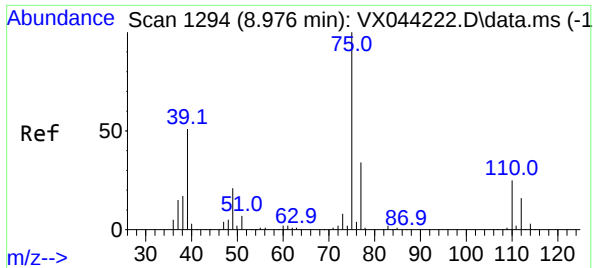
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#52
Toluene
Concen: 2.344 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

Tgt Ion: 92 Resp: 9232
Ion Ratio Lower Upper
92 100
91 175.8 137.0 205.6





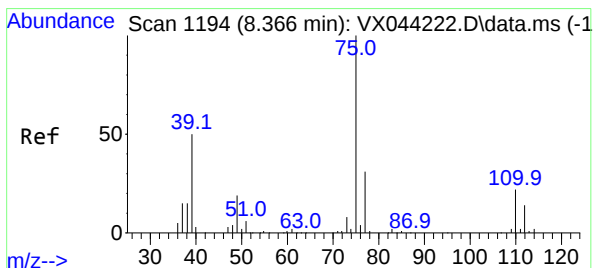
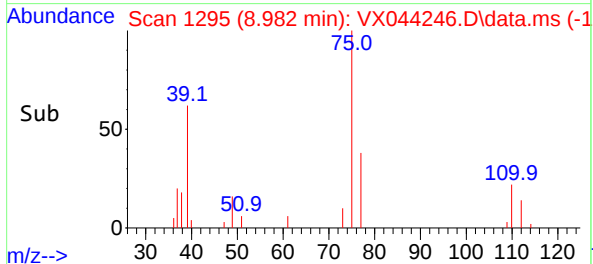
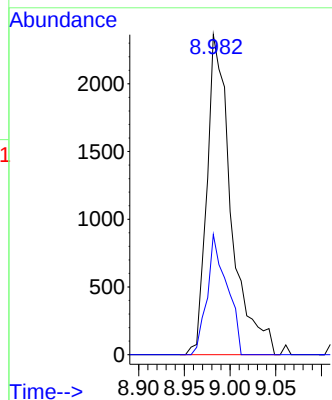
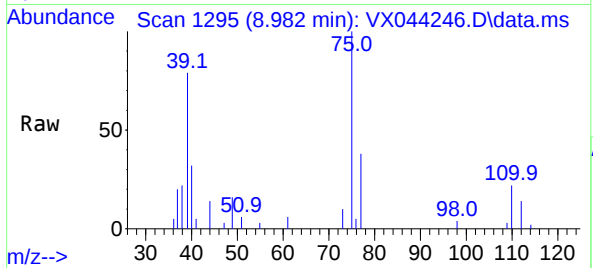
#53
t-1,3-Dichloropropene
Concen: 2.072 ug/l
RT: 8.982 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024

Tgt Ion: 75 Resp: 435
Ion Ratio Lower Upper
75 100
77 37.5 27.2 40.8

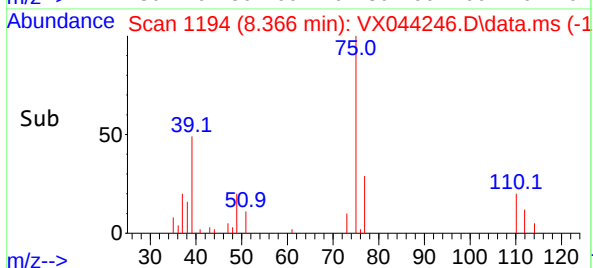
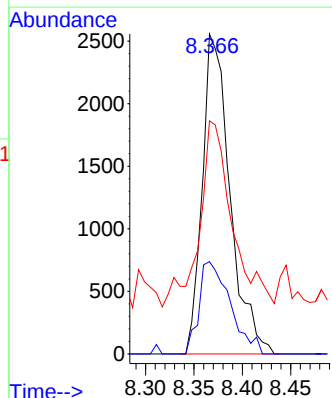
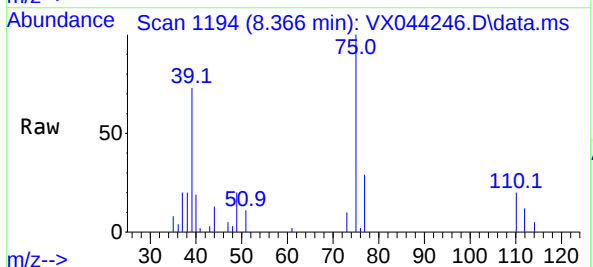
Manual Integrations
APPROVED

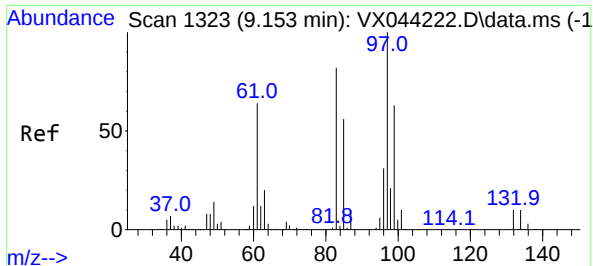
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#54
cis-1,3-Dichloropropene
Concen: 2.178 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.001 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

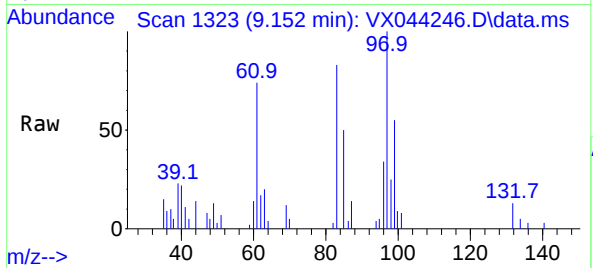
Tgt Ion: 75 Resp: 5091
Ion Ratio Lower Upper
75 100
77 28.8 24.7 37.1
39 51.7 40.3 60.5





#55
1,1,2-Trichloroethane
Concen: 2.643 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2024

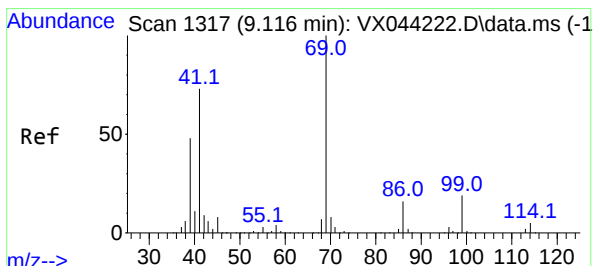
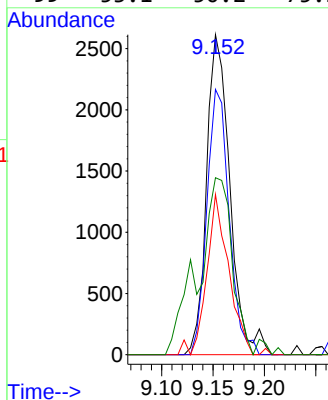
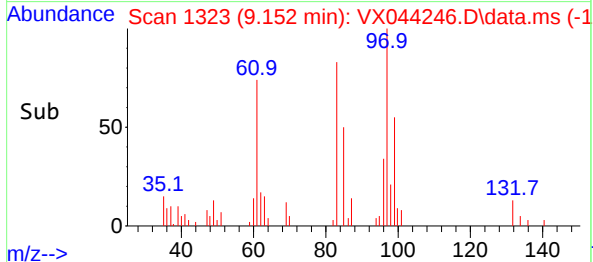


Tgt Ion: 97 Resp: 4130

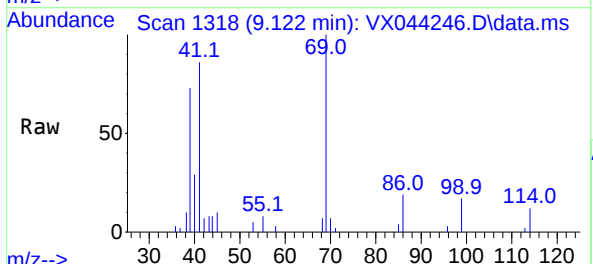
Ion	Ratio	Lower	Upper
97	100		
83	82.9	65.3	97.9
85	50.1	44.6	67.0
99	53.1	50.2	75.2

Manual Integrations
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Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

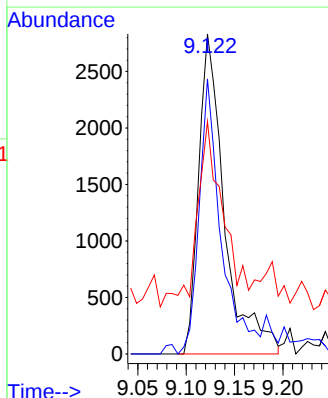
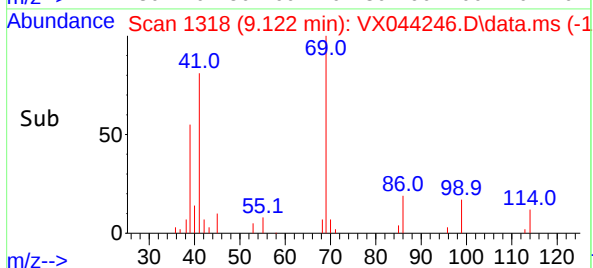


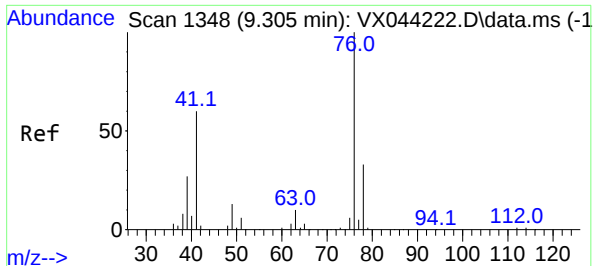
#56
Ethyl methacrylate
Concen: 2.127 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47



Tgt Ion: 69 Resp: 5254

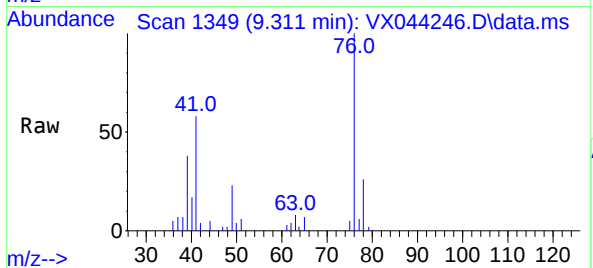
Ion	Ratio	Lower	Upper
69	100		
41	73.4	56.6	85.0
39	52.0	37.4	56.0





#57
1,3-Dichloropropane
Concen: 2.450 ug/l
RT: 9.311 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

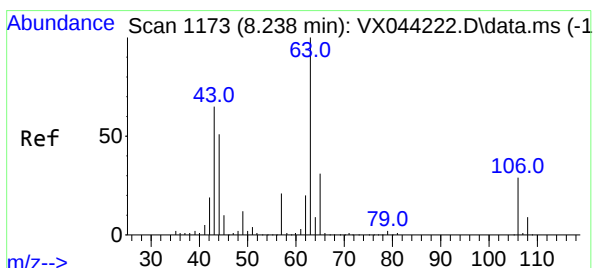
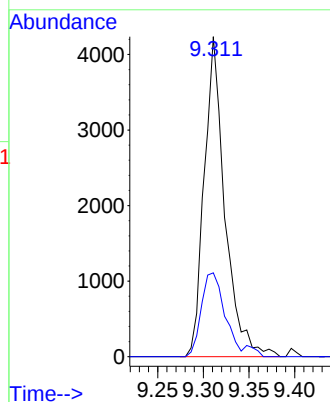
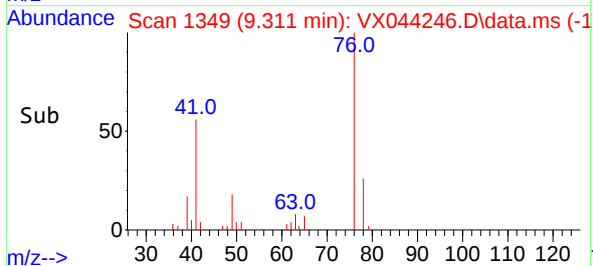
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 76 Resp: 667
Ion Ratio Lower Upper
76 100
78 31.5 26.5 39.7

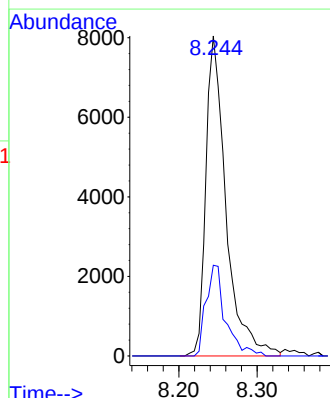
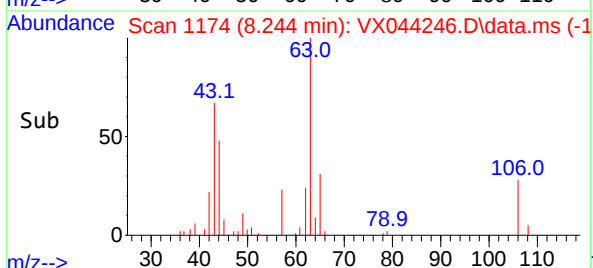
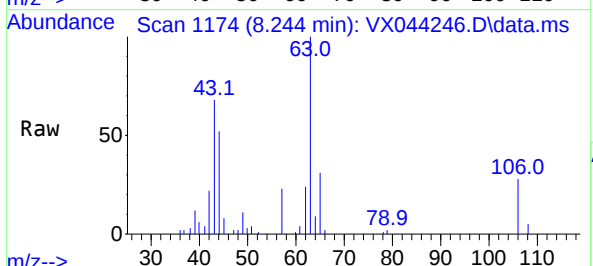
Manual Integrations
APPROVED

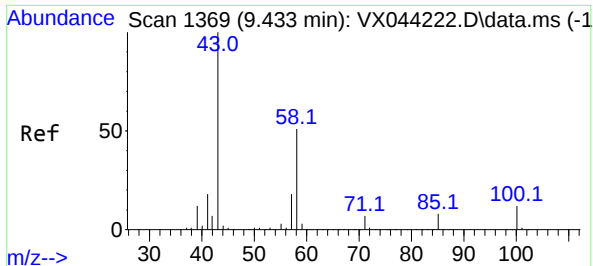
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#58
2-Chloroethyl Vinyl ether
Concen: 11.523 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

Tgt Ion: 63 Resp: 14357
Ion Ratio Lower Upper
63 100
106 27.4 22.8 34.2





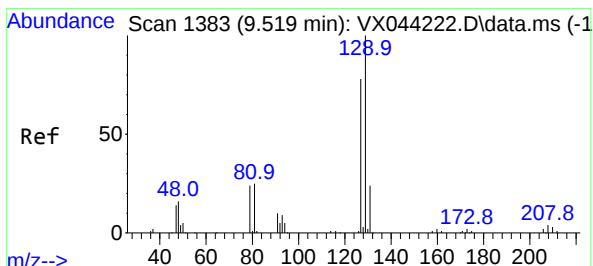
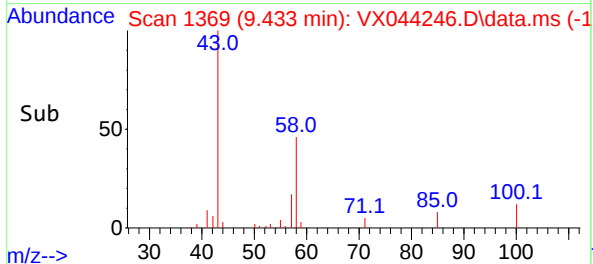
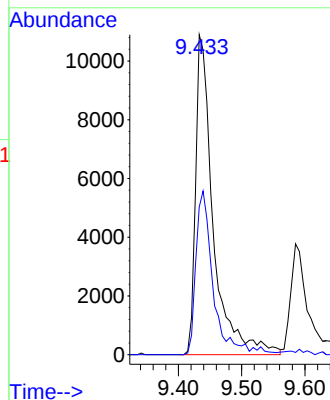
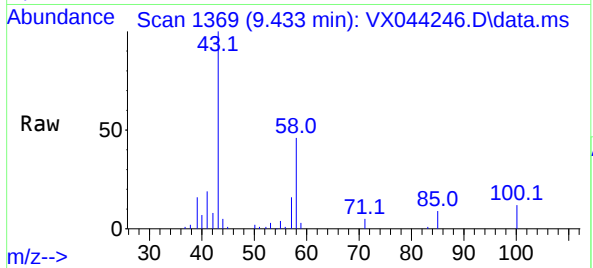
#59
2-Hexanone
Concen: 11.354 ug/l
RT: 9.433 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion: 43 Resp: 21092
Ion Ratio Lower Upper
43 100
58 49.6 25.7 77.0

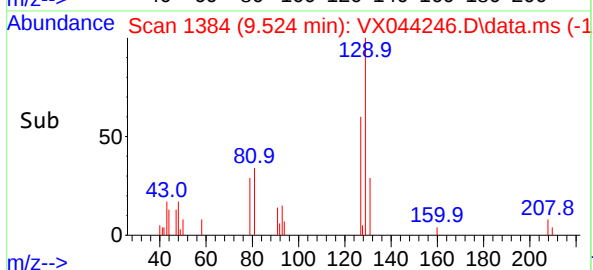
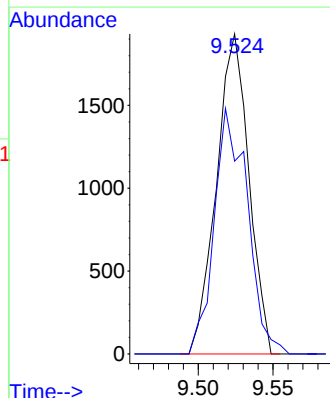
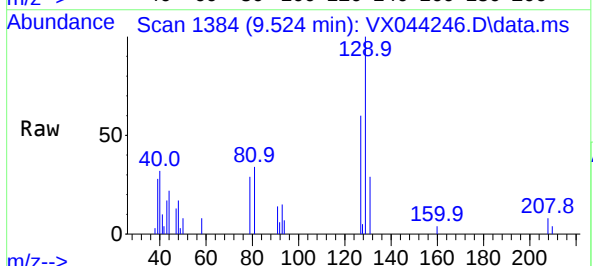
Manual Integrations
APPROVED

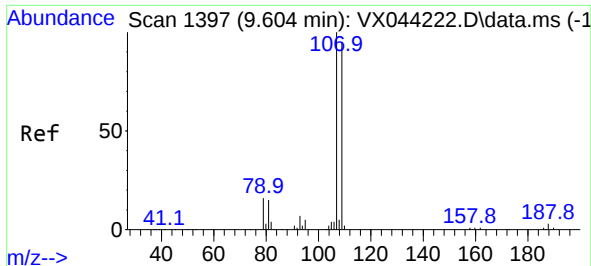
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#60
Dibromochloromethane
Concen: 1.935 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

Tgt Ion:129 Resp: 2908
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.3





#61

1,2-Dibromoethane

Concen: 2.261 ug/l

RT: 9.616 min Scan# 1399

Delta R.T. 0.012 min

Lab File: VX044246.D

Acq: 12 Dec 2024 12:47

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2024

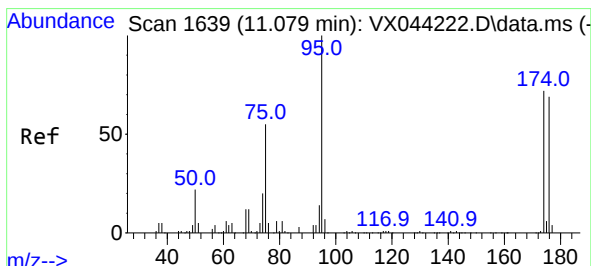
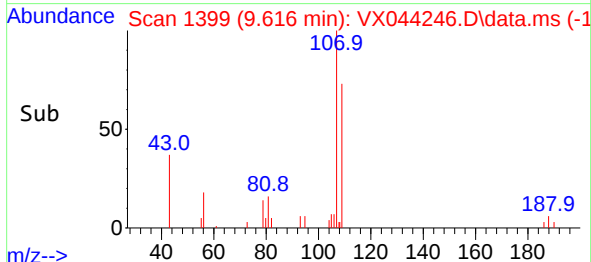
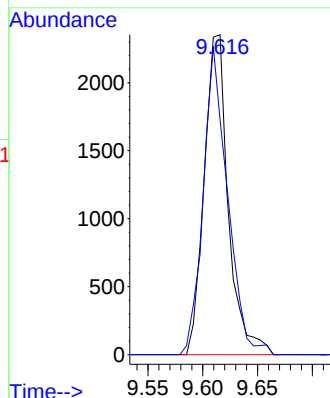
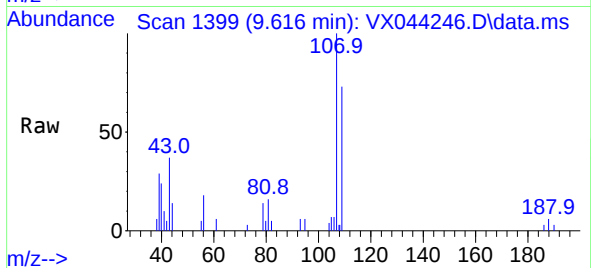
Tgt Ion:107 Resp: 360
 Ion Ratio Lower Upper
 107 100
 109 96.9 77.0 115.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2024

Supervised By :Mahesh Dadoda 12/13/2024



#62

4-Bromofluorobenzene

Concen: 50.416 ug/l

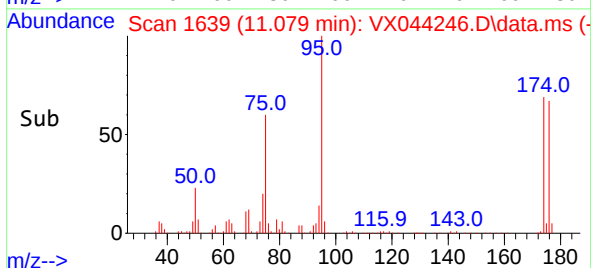
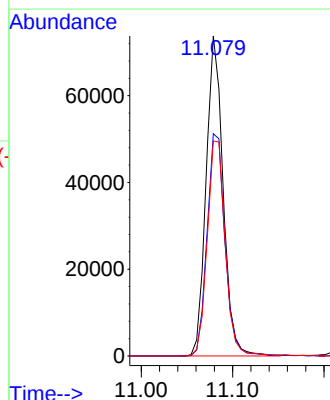
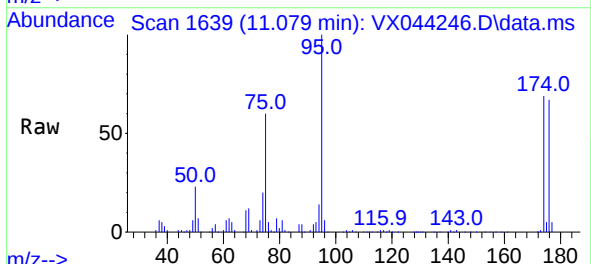
RT: 11.079 min Scan# 1639

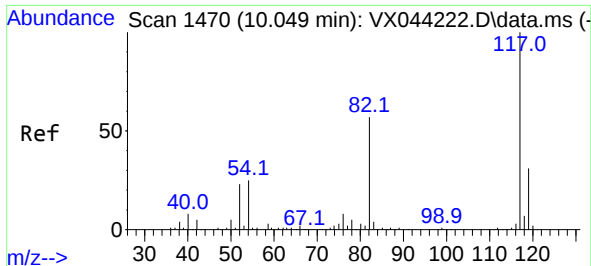
Delta R.T. -0.000 min

Lab File: VX044246.D

Acq: 12 Dec 2024 12:47

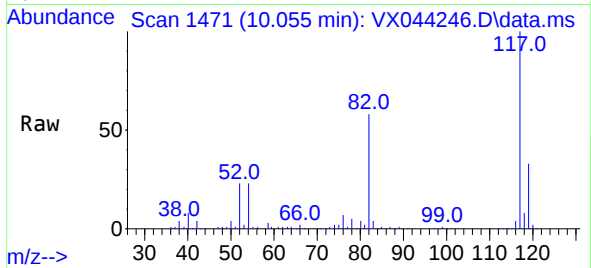
Tgt Ion: 95 Resp: 94986
 Ion Ratio Lower Upper
 95 100
 174 73.7 0.0 145.8
 176 71.1 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

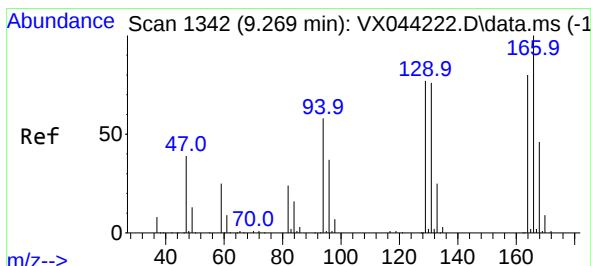
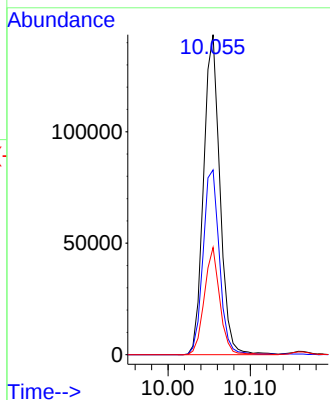
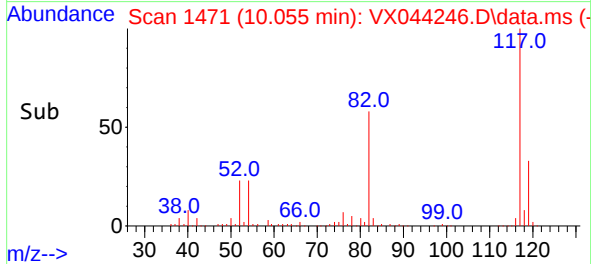
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:117 Resp: 19806
Ion Ratio Lower Upper
117 100
82 57.8 45.8 68.8
119 33.5 25.0 37.4

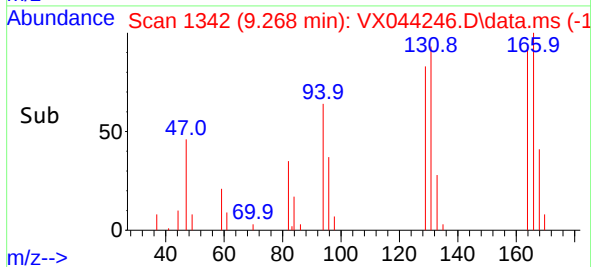
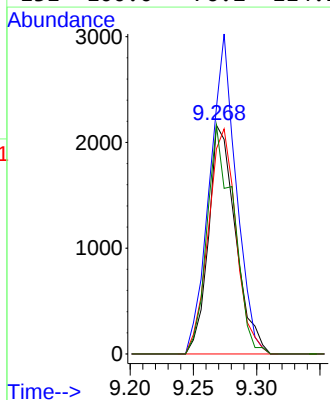
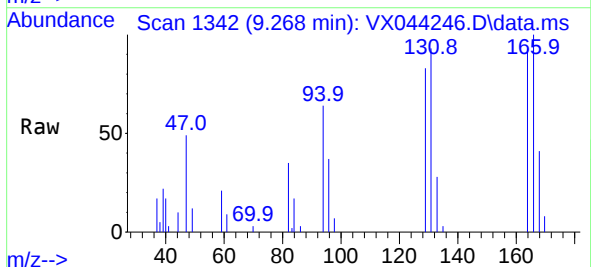
Manual Integrations
APPROVED

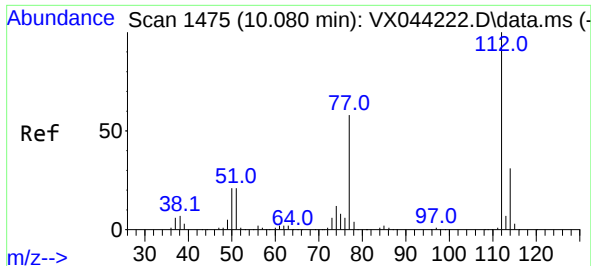
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#64
Tetrachloroethene
Concen: 2.452 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

Tgt Ion:164 Resp: 3224
Ion Ratio Lower Upper
164 100
166 107.8 100.4 150.6
129 89.7 77.2 115.8
131 100.0 76.2 114.2





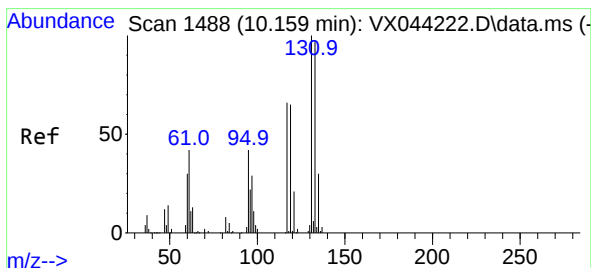
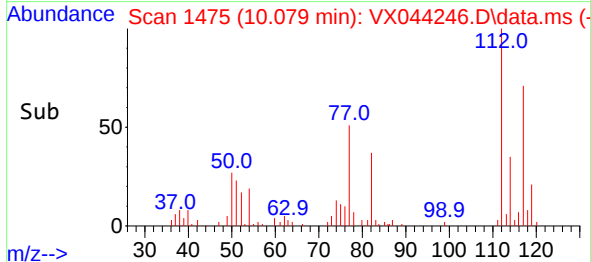
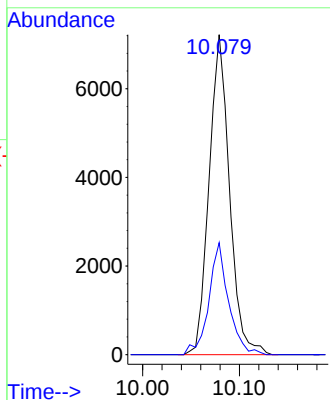
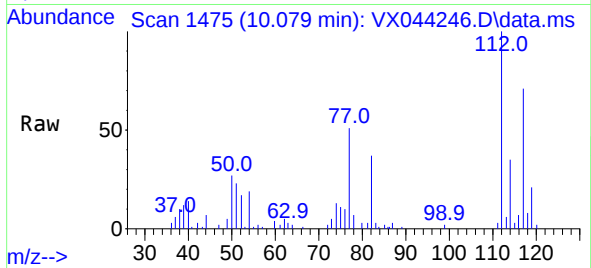
#65
Chlorobenzene
Concen: 2.497 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion:112 Resp: 10590
Ion Ratio Lower Upper
112 100
114 35.0 25.0 37.6

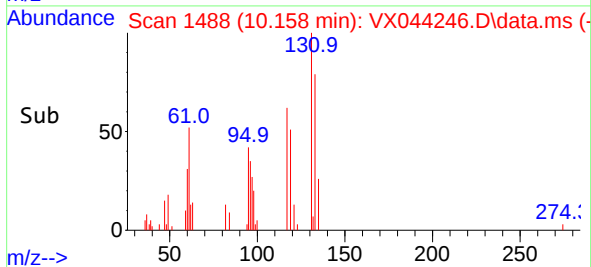
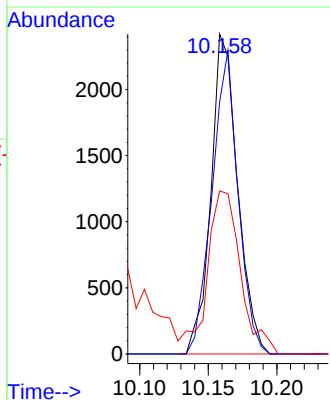
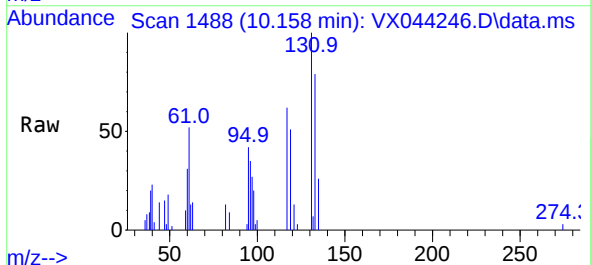
Manual Integrations
APPROVED

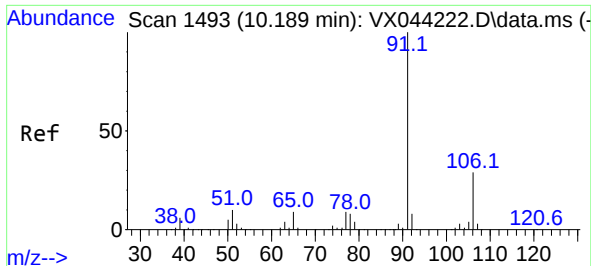
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 2.402 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

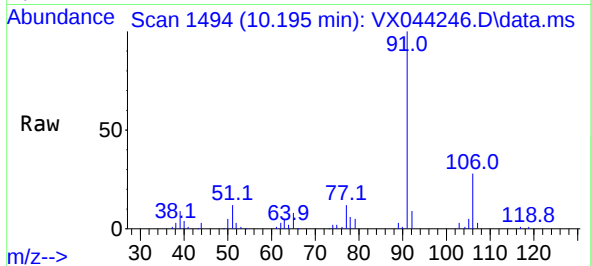
Tgt Ion:131 Resp: 3277
Ion Ratio Lower Upper
131 100
133 92.8 47.3 141.8
119 59.4 31.6 95.0





#67
Ethyl Benzene
Concen: 2.424 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

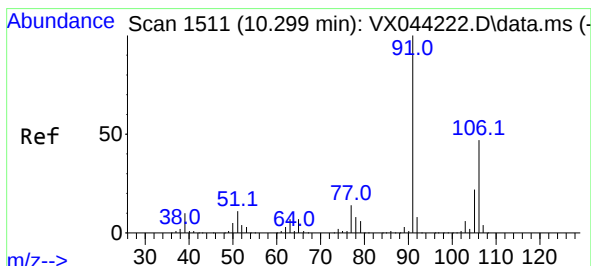
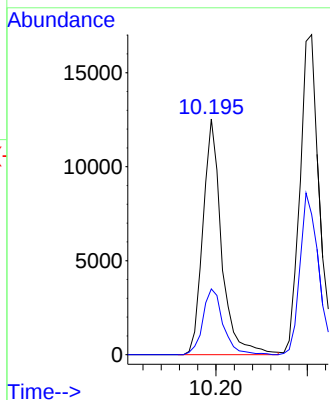
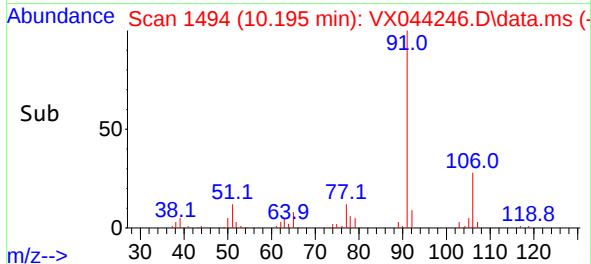
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 91 Resp: 17774
Ion Ratio Lower Upper
91 100
106 27.9 23.5 35.3

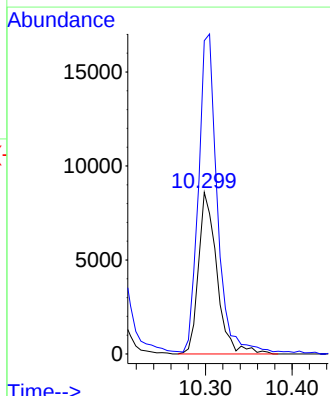
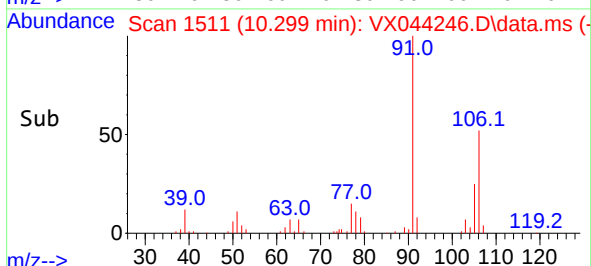
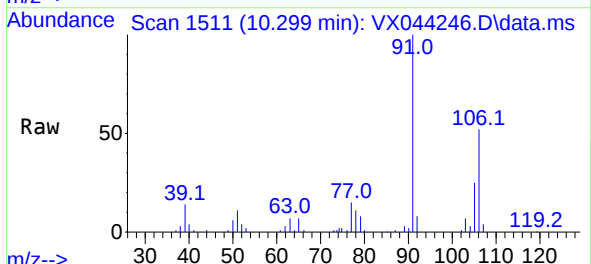
Manual Integrations
APPROVED

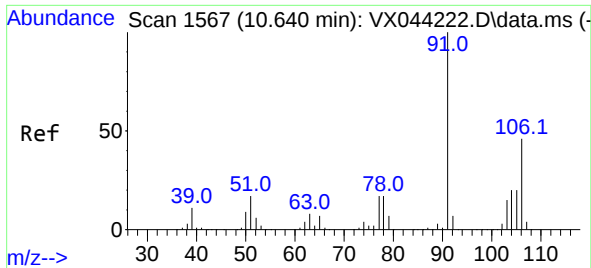
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#68
m/p-Xylenes
Concen: 4.727 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.001 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

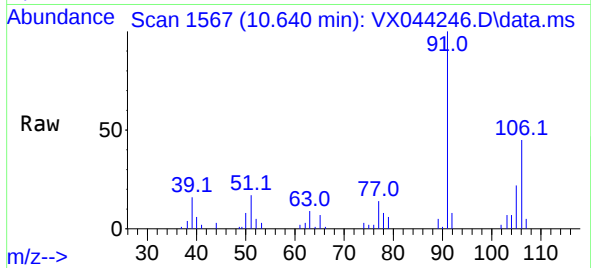
Tgt Ion:106 Resp: 12719
Ion Ratio Lower Upper
106 100
91 205.6 170.2 255.2





#69
o-Xylene
Concen: 2.367 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

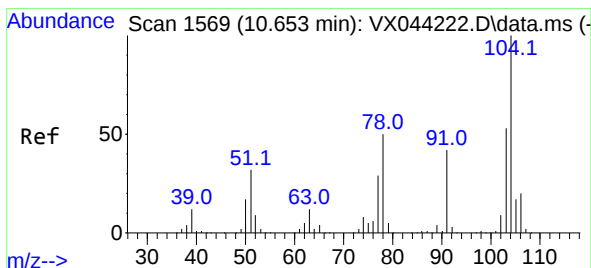
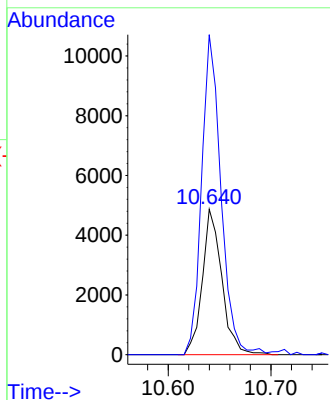
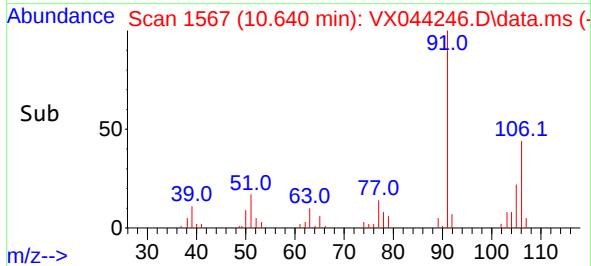
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



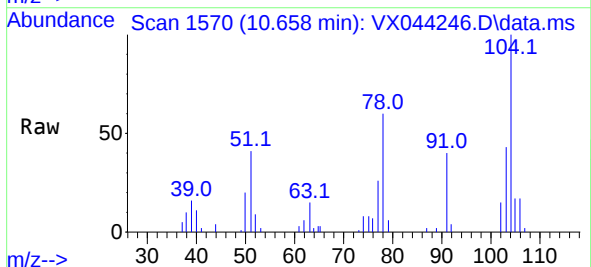
Tgt Ion:106 Resp: 644
Ion Ratio Lower Upper
106 100
91 218.7 112.3 337.0

Manual Integrations
APPROVED

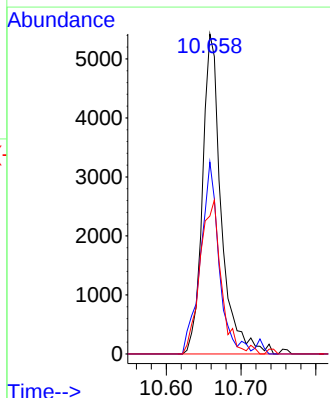
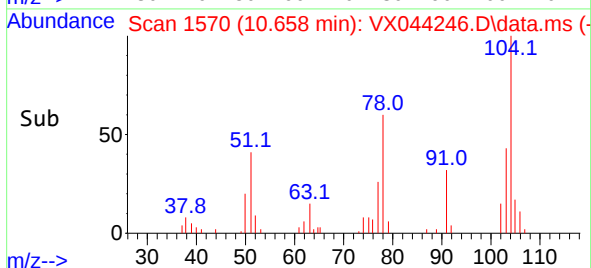
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

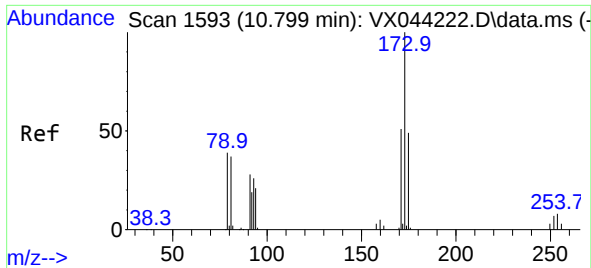


#70
Styrene
Concen: 2.166 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47



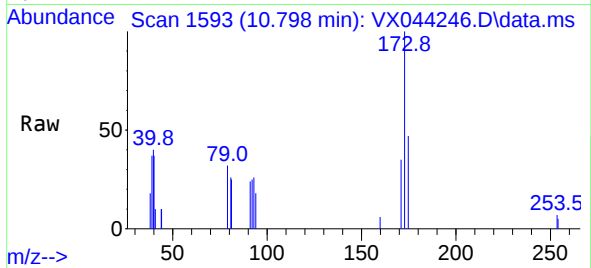
Tgt Ion:104 Resp: 9455
Ion Ratio Lower Upper
104 100
78 59.6 44.6 67.0
103 53.6 45.4 68.0





#71
Bromoform
Concen: 1.833 ug/l
RT: 10.798 min Scan# 1594
Delta R.T. -0.001 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

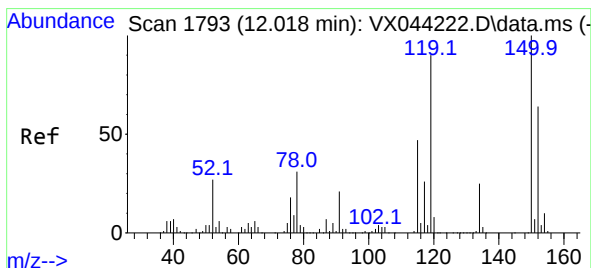
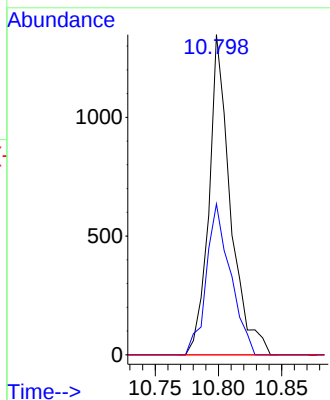
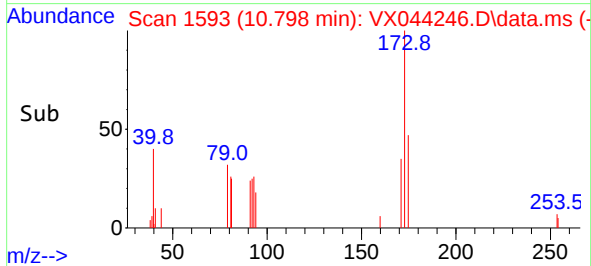
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:173 Resp: 1594
Ion Ratio Lower Upper
173 100
175 52.9 23.8 71.4
254 0.0 0.0 0.0

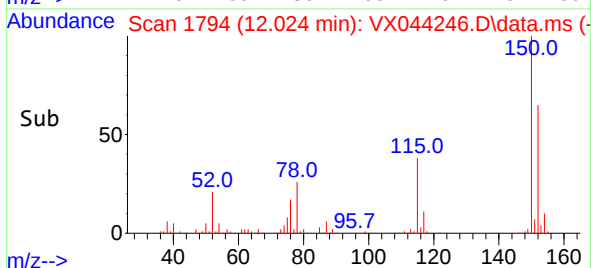
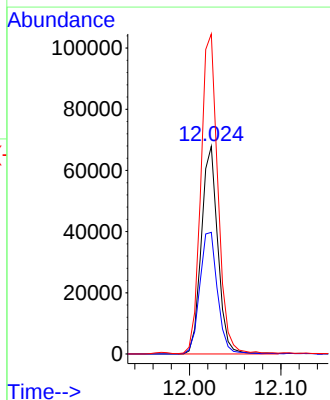
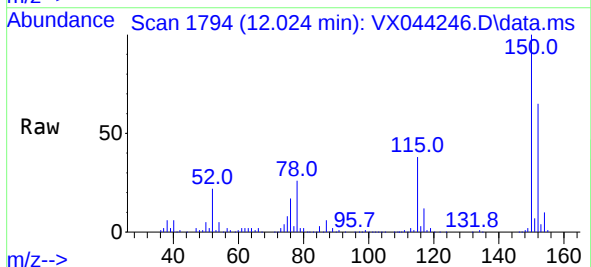
Manual Integrations
APPROVED

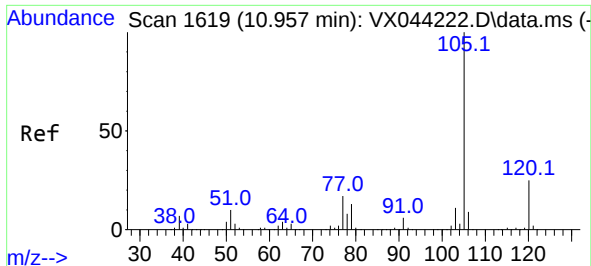
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

Tgt Ion:152 Resp: 84676
Ion Ratio Lower Upper
152 100
115 63.4 44.5 133.3
150 158.9 0.0 353.8





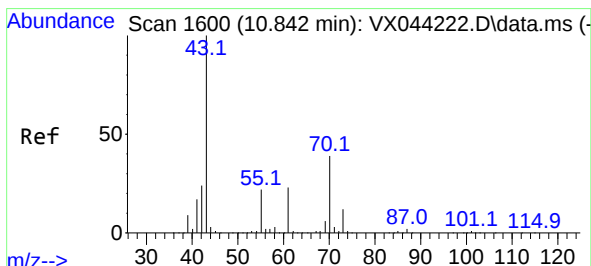
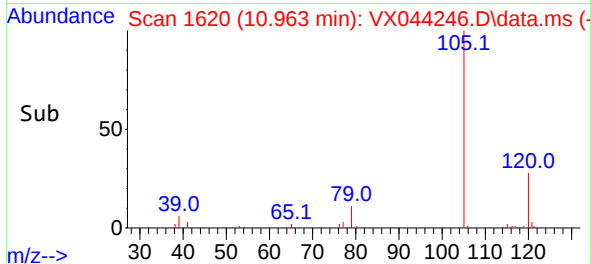
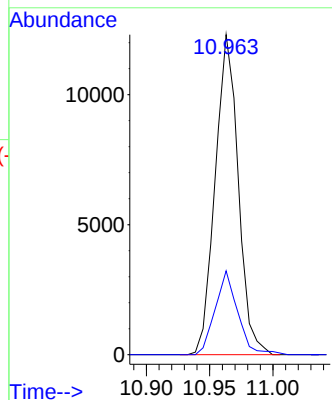
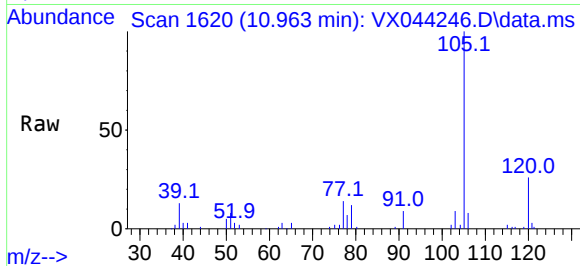
#73
Isopropylbenzene
Concen: 2.403 ug/l
RT: 10.963 min Scan# 105
Delta R.T. 0.006 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion:105 Resp: 15580
Ion Ratio Lower Upper
105 100
120 25.7 13.1 39.3

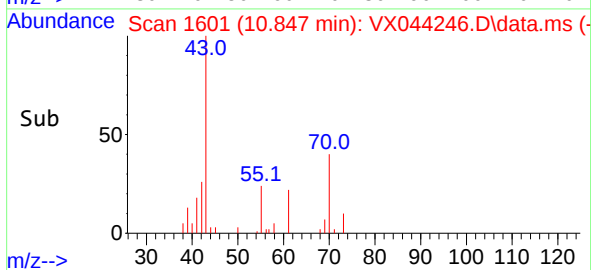
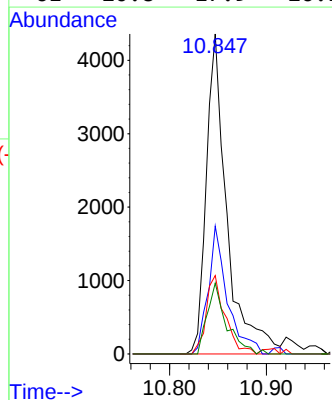
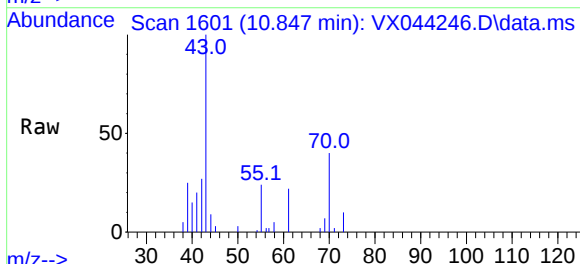
Manual Integrations
APPROVED

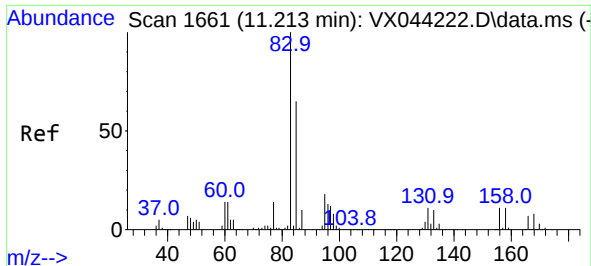
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#74
N-ethyl acetate
Concen: 2.166 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

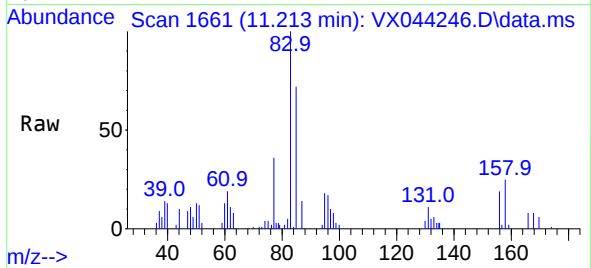
Tgt Ion: 43 Resp: 6489
Ion Ratio Lower Upper
43 100
70 37.0 31.9 47.9
55 22.4 17.9 26.9
61 20.8 17.9 26.9





#75
1,1,2,2-Tetrachloroethane
Concen: 2.609 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

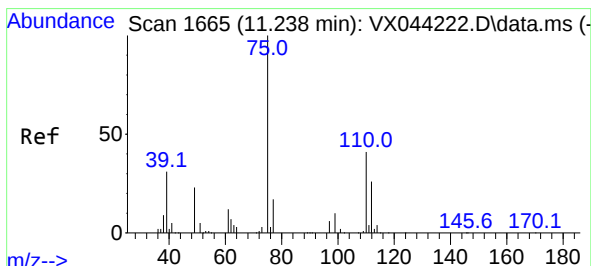
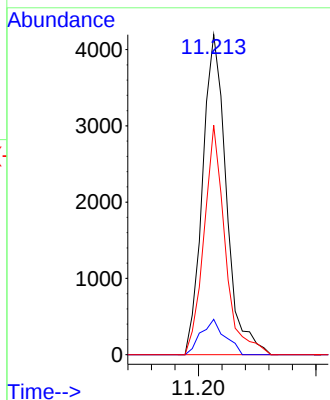
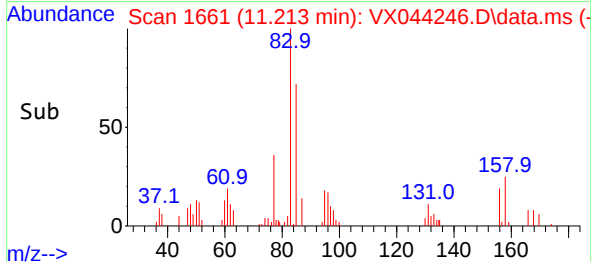
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion: 83 Resp: 5874
Ion Ratio Lower Upper
83 100
131 11.1 5.1 15.4
85 63.8 32.5 97.4

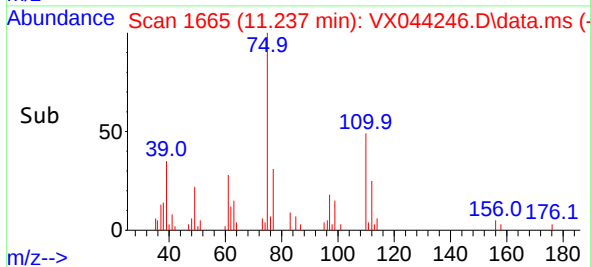
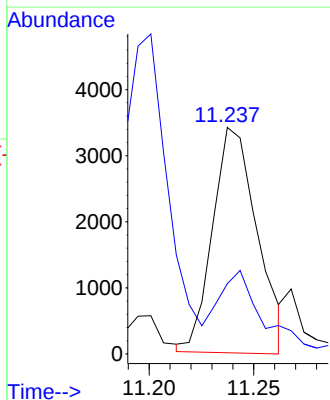
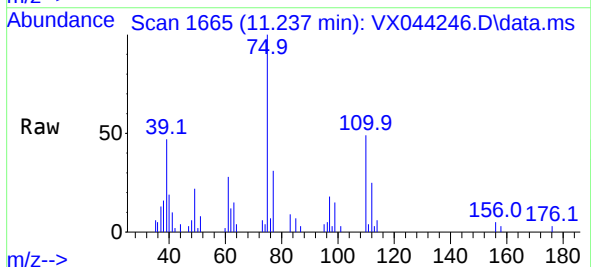
Manual Integrations
APPROVED

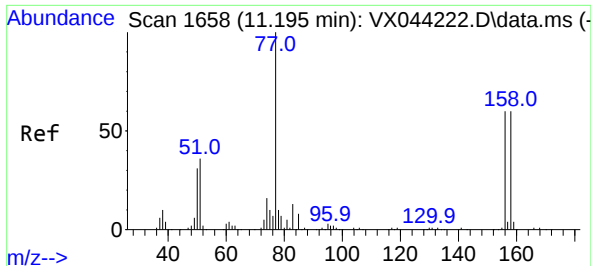
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#76
1,2,3-Trichloropropane
Concen: 2.674 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.001 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

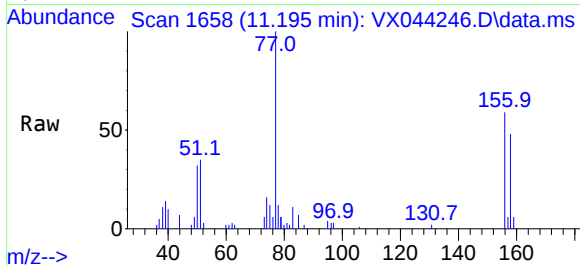
Tgt Ion: 75 Resp: 5055
Ion Ratio Lower Upper
75 100
77 37.9 20.9 62.7





#77
Bromobenzene
Concen: 2.601 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

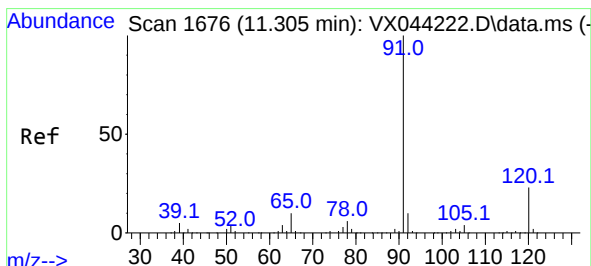
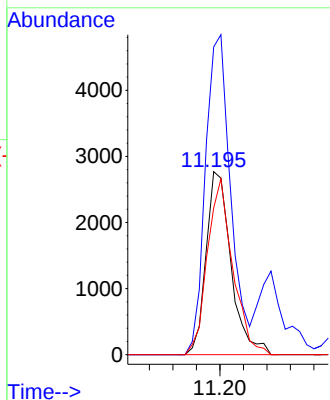
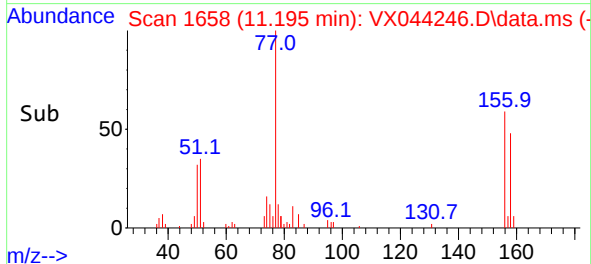
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



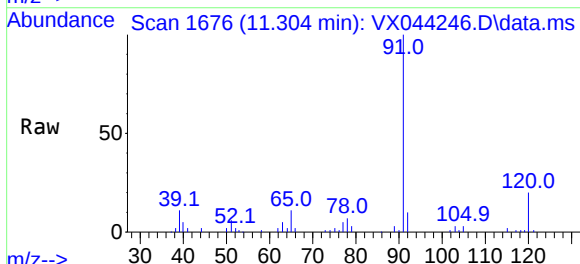
Tgt Ion:156 Resp: 4089
Ion Ratio Lower Upper
156 100
77 175.8 82.6 247.8
158 97.7 48.8 146.4

Manual Integrations
APPROVED

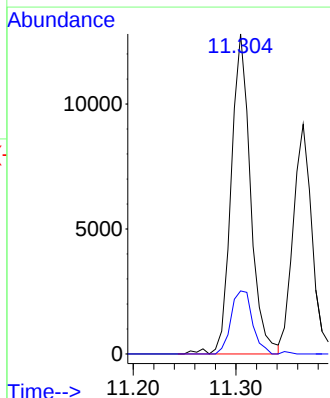
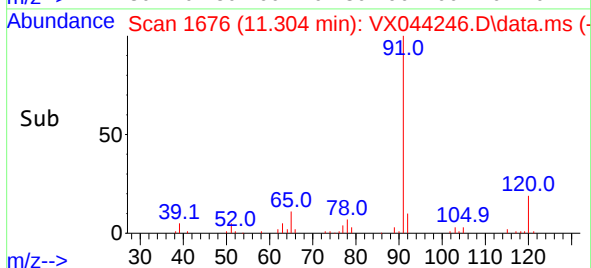
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

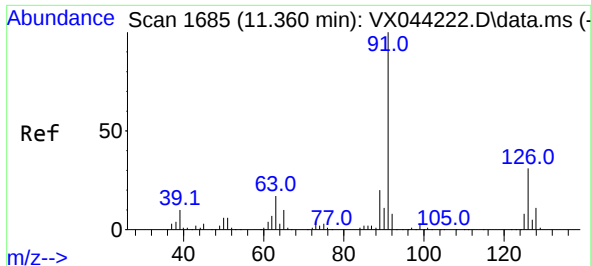


#78
n-propylbenzene
Concen: 2.338 ug/l
RT: 11.304 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47



Tgt Ion: 91 Resp: 16750
Ion Ratio Lower Upper
91 100
120 21.8 11.0 33.0





#79

2-Chlorotoluene

Concen: 2.582 ug/l

RT: 11.365 min Scan# 1196

Delta R.T. 0.006 min

Lab File: VX044246.D

Acq: 12 Dec 2024 12:47

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2024

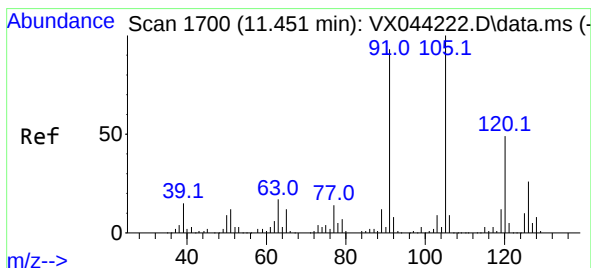
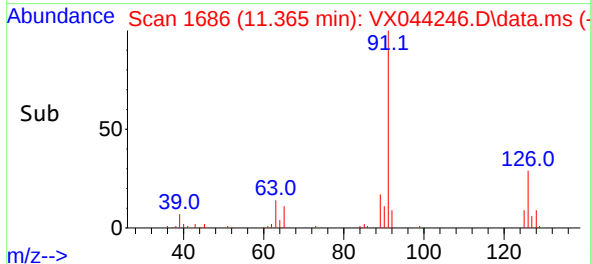
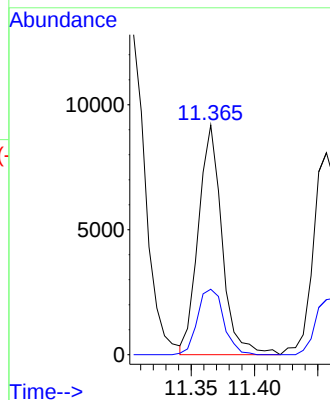
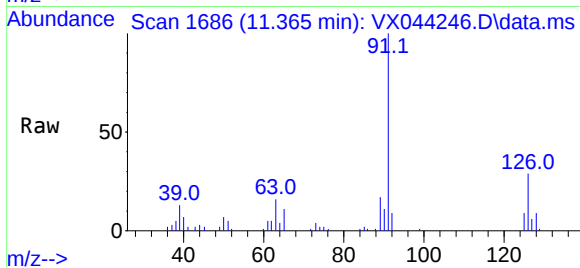
Tgt Ion: 91 Resp: 1196
 Ion Ratio Lower Upper
 91 100
 126 31.5 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2024

Supervised By :Mahesh Dadoda 12/13/2024



#80

1,3,5-Trimethylbenzene

Concen: 2.354 ug/l

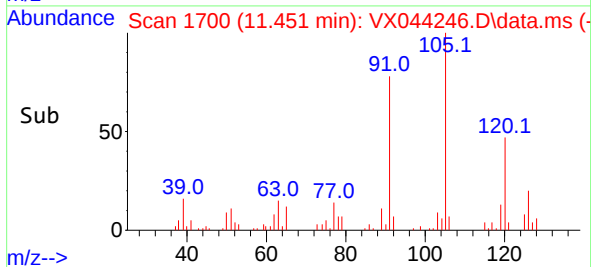
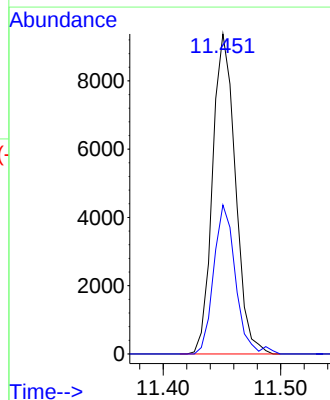
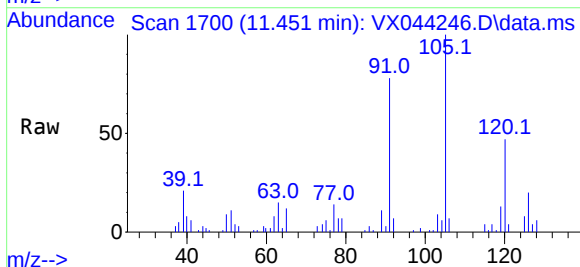
RT: 11.451 min Scan# 1700

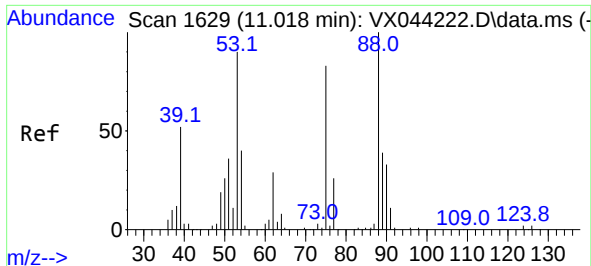
Delta R.T. -0.000 min

Lab File: VX044246.D

Acq: 12 Dec 2024 12:47

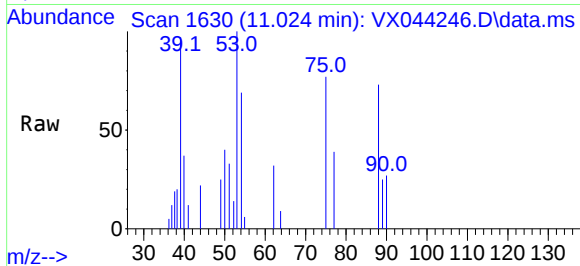
Tgt Ion:105 Resp: 12657
 Ion Ratio Lower Upper
 105 100
 120 44.6 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 2.004 ug/l m
RT: 11.024 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

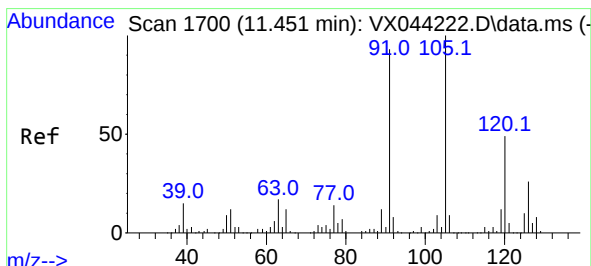
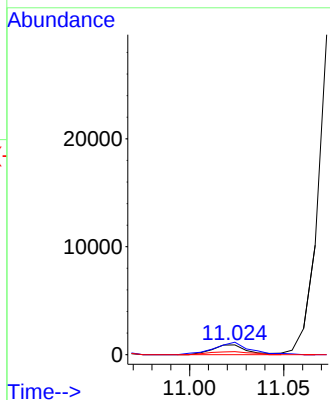
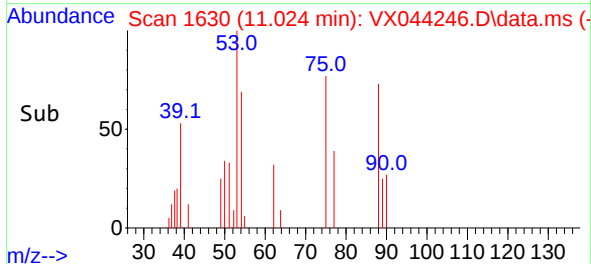
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



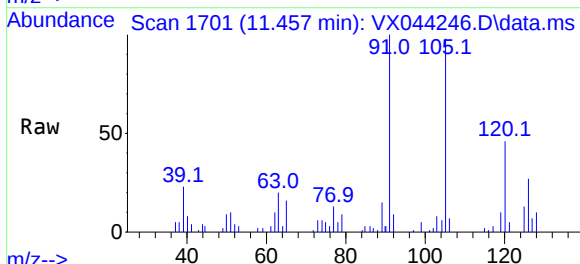
Tgt Ion: 75 Resp: 1179
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4
89 2.0 37.3 55.9

Manual Integrations
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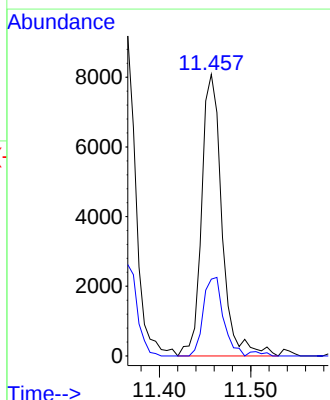
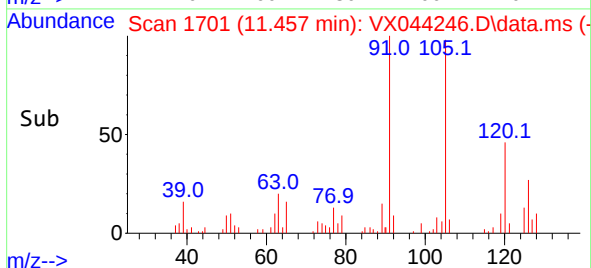
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

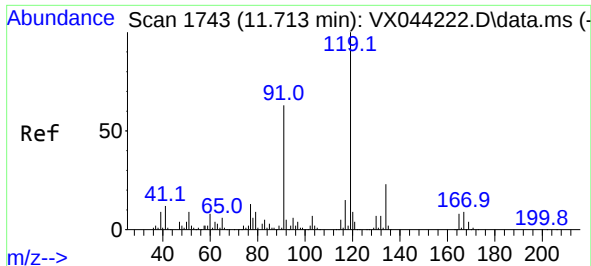


#82
4-Chlorotoluene
Concen: 2.425 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47



Tgt Ion: 91 Resp: 12444
Ion Ratio Lower Upper
91 100
126 27.5 14.5 43.5





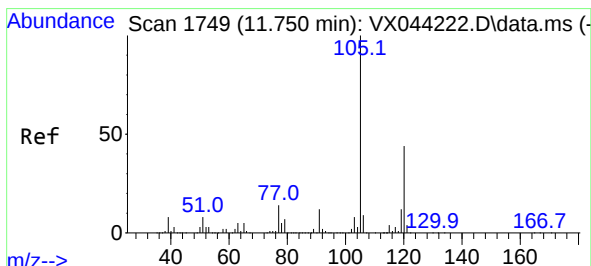
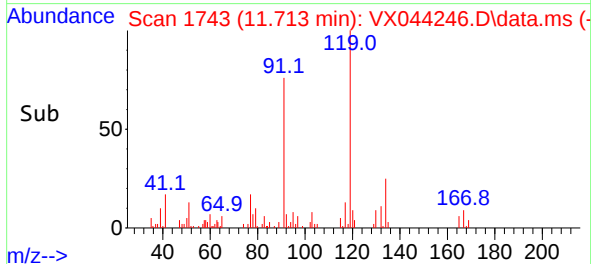
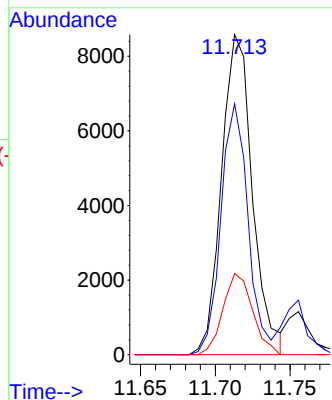
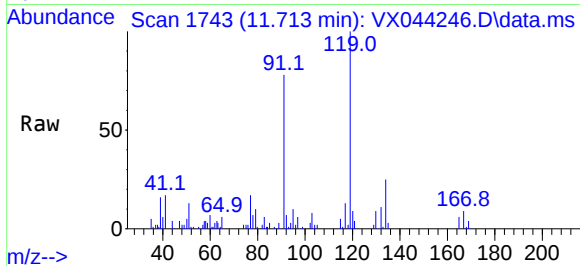
#83
tert-Butylbenzene
Concen: 2.324 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2024

Tgt Ion:119	Resp: 1234
Ion Ratio	Lower Upper
119 100	
91 68.8	30.9 92.5
134 24.3	11.5 34.4

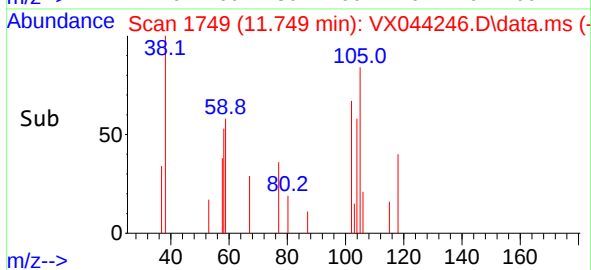
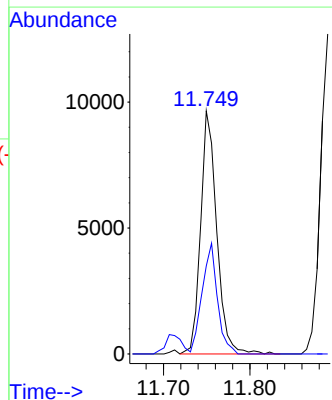
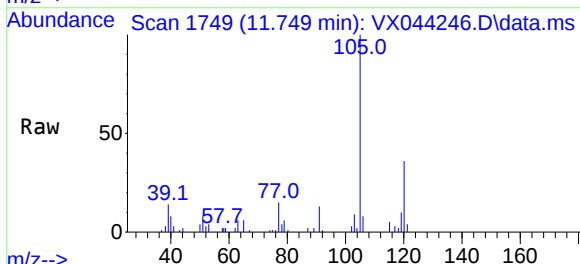
Manual Integrations
APPROVED

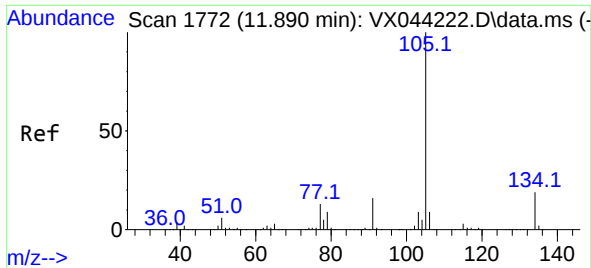
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#84
1,2,4-Trimethylbenzene
Concen: 2.363 ug/l
RT: 11.749 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

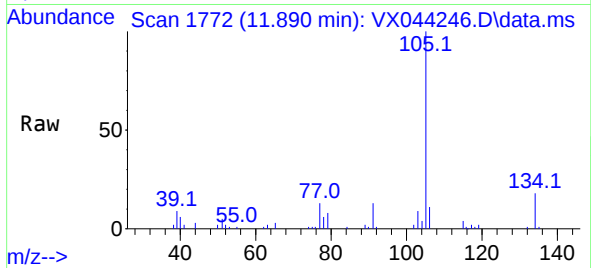
Tgt Ion:105	Resp: 12475
Ion Ratio	Lower Upper
105 100	
120 43.3	21.7 65.1





#85
 sec-Butylbenzene
 Concen: 2.339 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX044246.D
 Acq: 12 Dec 2024 12:47

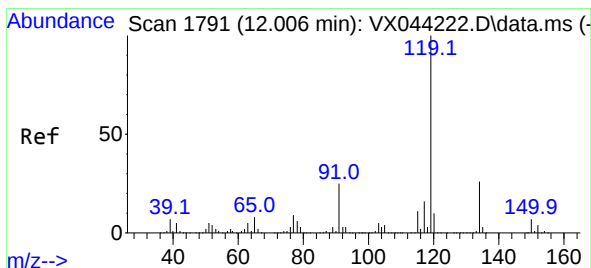
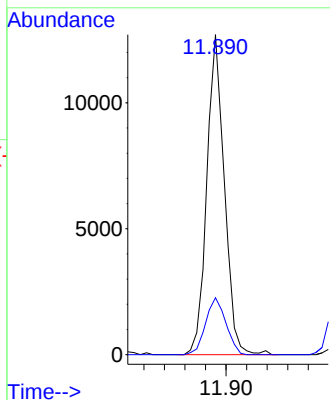
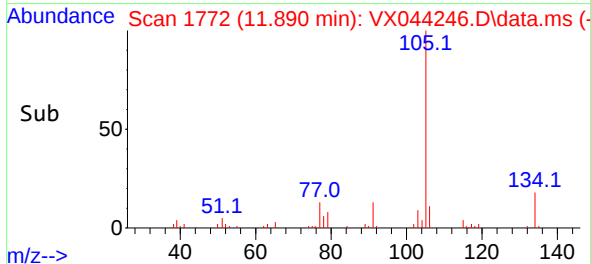
Instrument : MSVOA_X
 ClientSampleId : MDL-WATER-03-QT4-2024



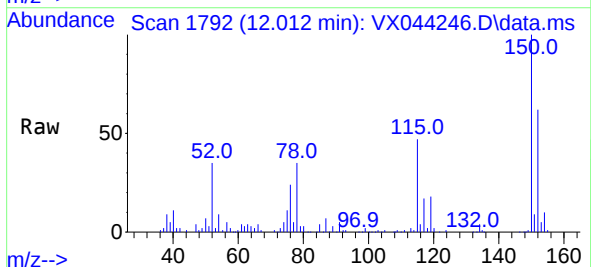
Tgt Ion:105 Resp: 1508
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.8 29.4

Manual Integrations
 APPROVED

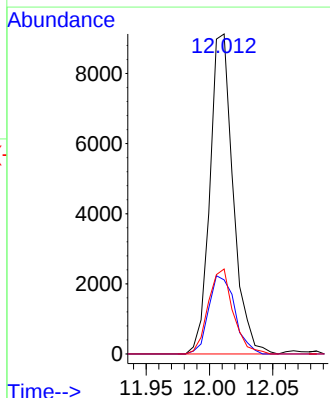
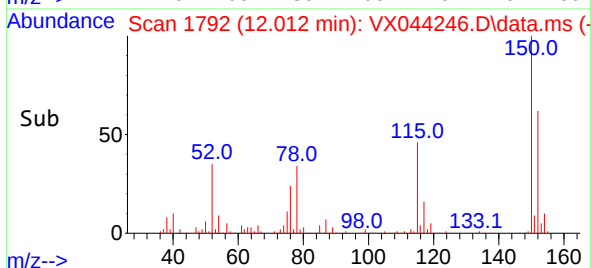
Reviewed By :John Carlone 12/13/2024
 Supervised By :Mahesh Dadoda 12/13/2024

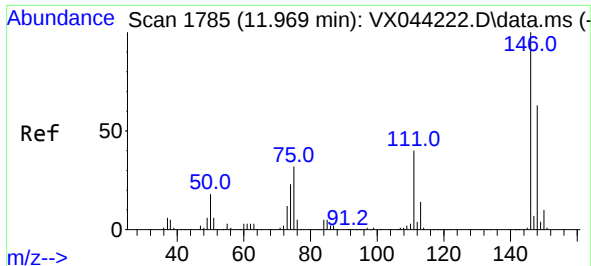


#86
 p-Isopropyltoluene
 Concen: 2.170 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX044246.D
 Acq: 12 Dec 2024 12:47



Tgt Ion:119 Resp: 11648
 Ion Ratio Lower Upper
 119 100
 134 27.5 12.8 38.4
 91 28.5 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 2.646 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044246.D

Acq: 12 Dec 2024 12:47

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion:146 Resp: 7260

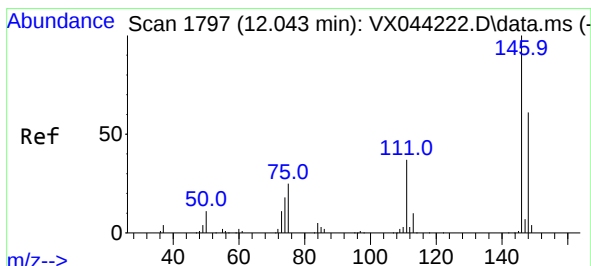
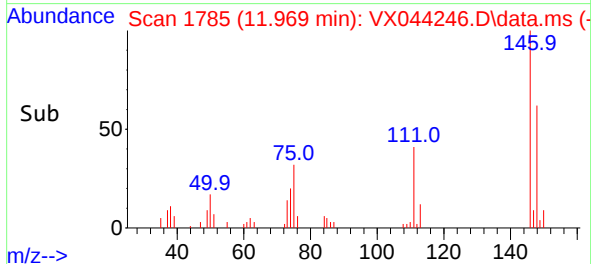
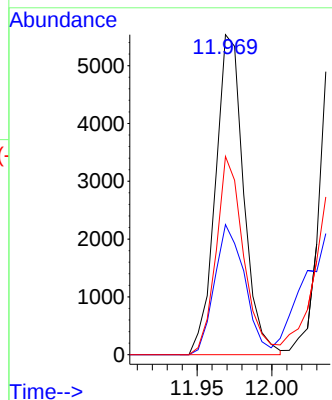
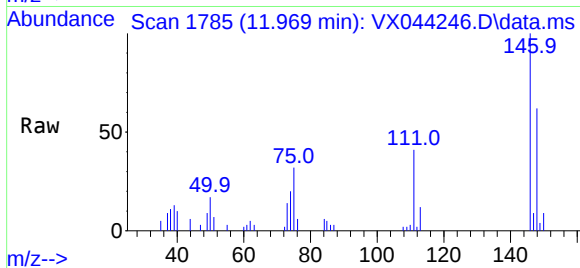
Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.4	64.2
148	61.1	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2024

Supervised By :Mahesh Dadoda 12/13/2024



#88

1,4-Dichlorobenzene

Concen: 2.561 ug/l

RT: 12.042 min Scan# 1797

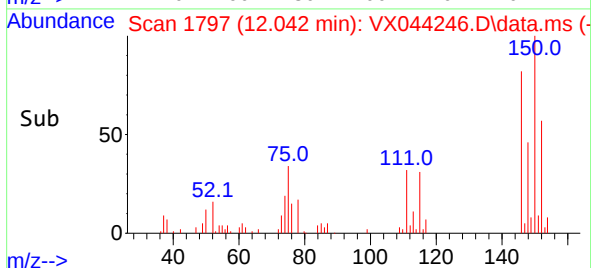
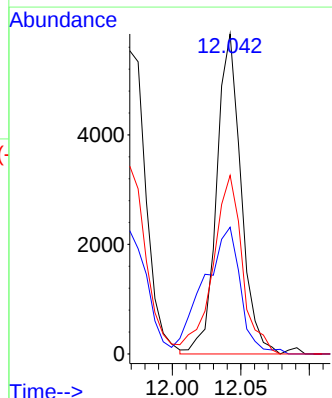
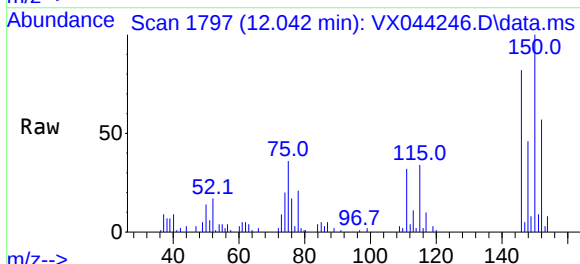
Delta R.T. -0.001 min

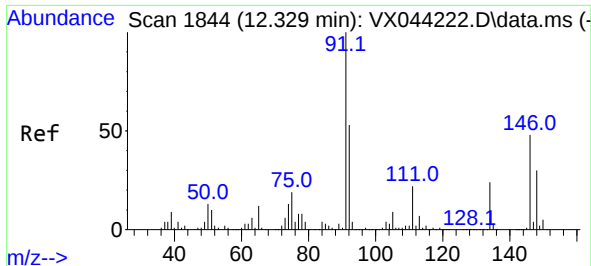
Lab File: VX044246.D

Acq: 12 Dec 2024 12:47

Tgt Ion:146 Resp: 7229

Ion	Ratio	Lower	Upper
146	100		
111	59.9	21.0	63.0
148	67.2	32.3	96.8





#89

n-Butylbenzene

Concen: 2.005 ug/l

RT: 12.335 min Scan# 1844

Delta R.T. 0.006 min

Lab File: VX044246.D

Acq: 12 Dec 2024 12:47

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2024

Tgt Ion: 91 Resp: 904

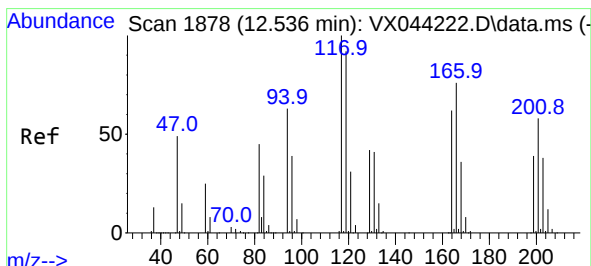
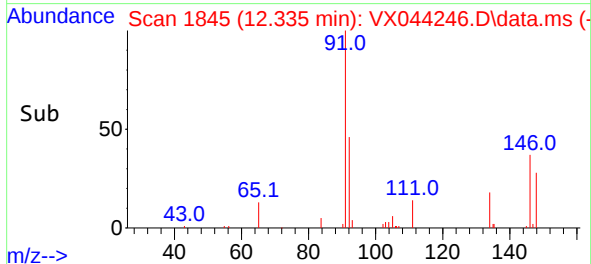
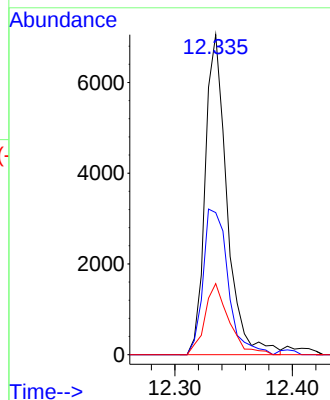
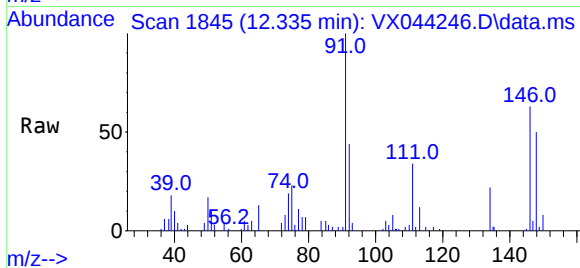
Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.6	79.7
134	24.6	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2024

Supervised By :Mahesh Dadoda 12/13/2024



#90

Hexachloroethane

Concen: 1.889 ug/l

RT: 12.536 min Scan# 1878

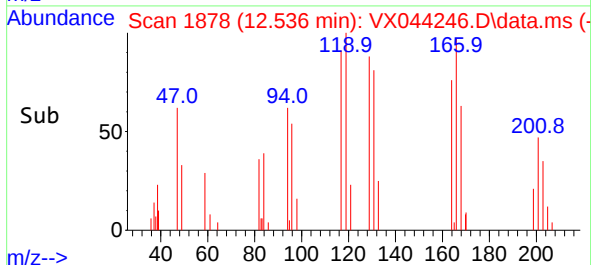
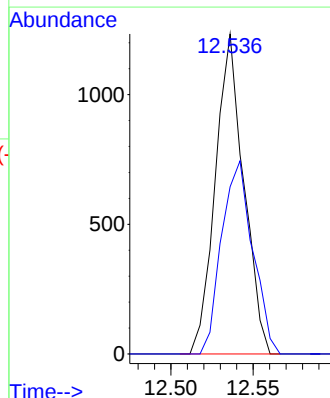
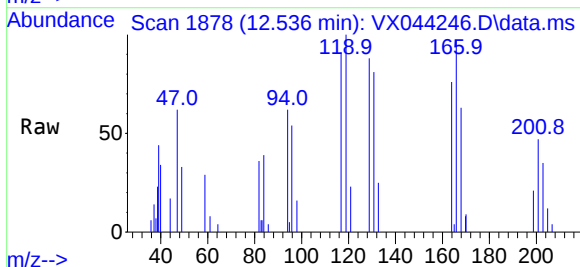
Delta R.T. -0.000 min

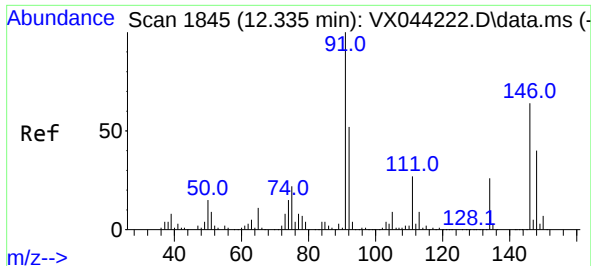
Lab File: VX044246.D

Acq: 12 Dec 2024 12:47

Tgt Ion:117 Resp: 1480

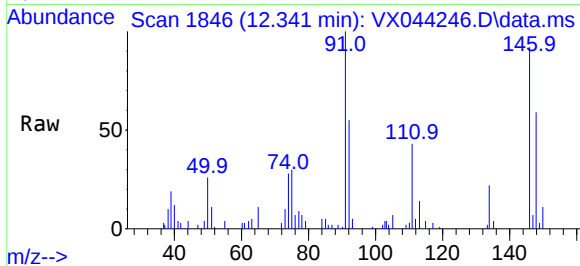
Ion	Ratio	Lower	Upper
117	100		
201	66.3	31.4	94.2





#91
1,2-Dichlorobenzene
Concen: 2.362 ug/l
RT: 12.341 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

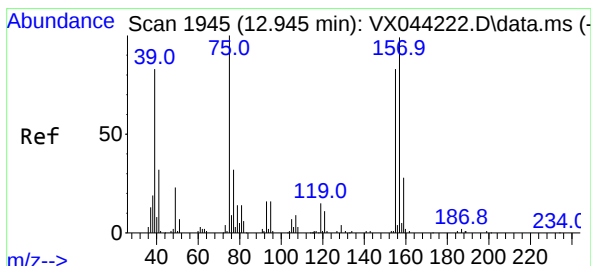
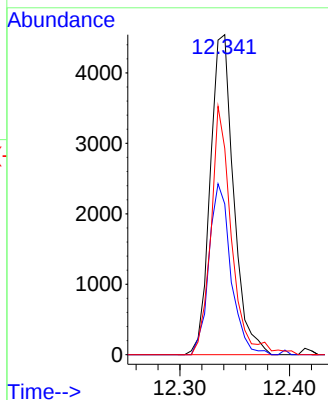
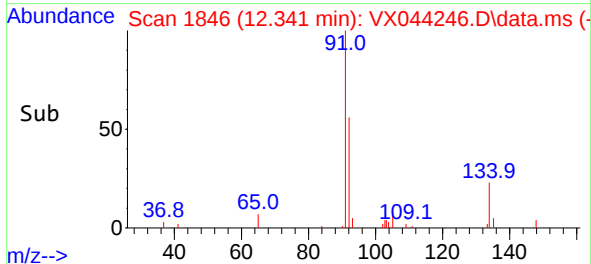
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT4-2024



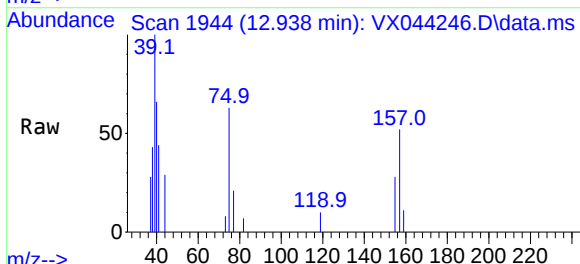
Tgt Ion:146 Resp: 673
Ion Ratio Lower Upper
146 100
111 50.1 21.4 64.3
148 68.5 31.6 95.0

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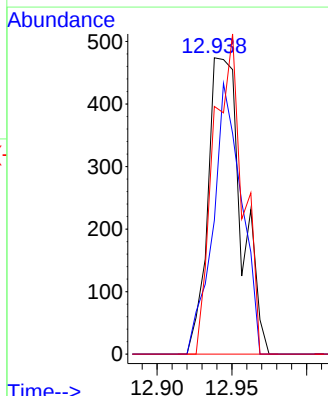
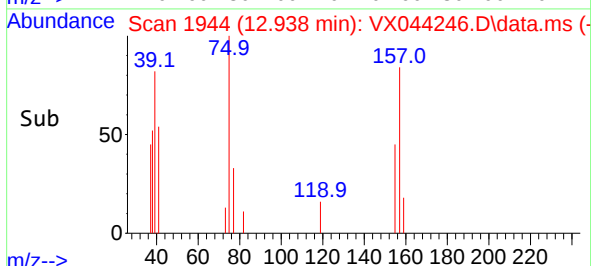
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

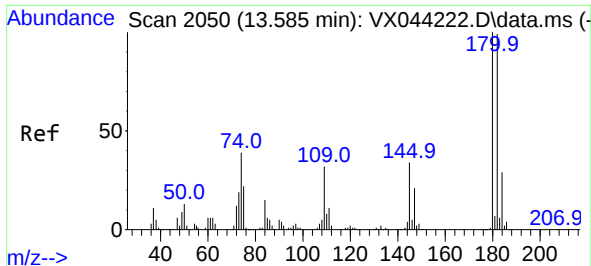


#92
1,2-Dibromo-3-Chloropropane
Concen: 1.693 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.007 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47



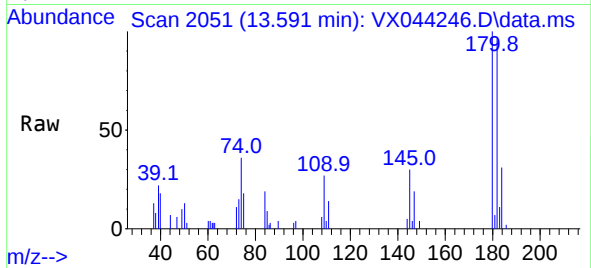
Tgt Ion: 75 Resp: 740
Ion Ratio Lower Upper
75 100
155 78.4 38.1 114.3
157 94.2 47.2 141.6





#93
1,2,4-Trichlorobenzene
Concen: 2.152 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

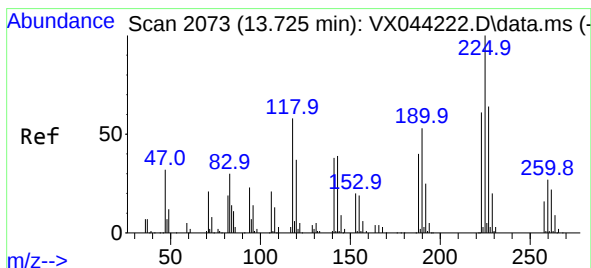
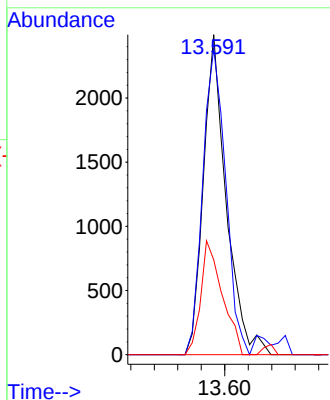
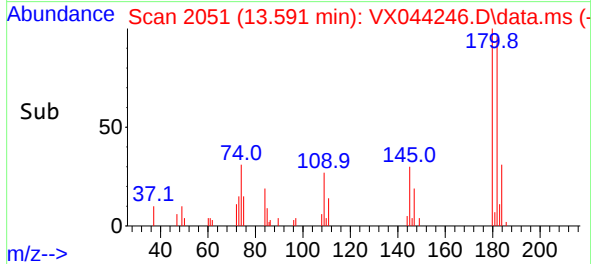
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



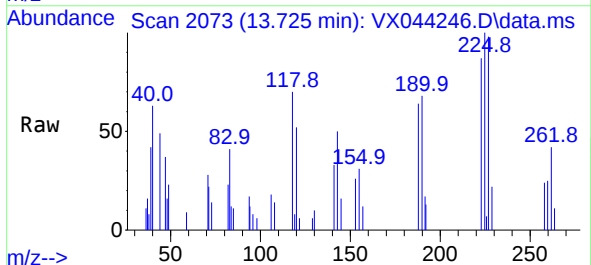
Tgt Ion:180 Resp: 336
Ion Ratio Lower Upper
180 100
182 96.0 48.0 144.2
145 33.8 16.6 49.7

Manual Integrations
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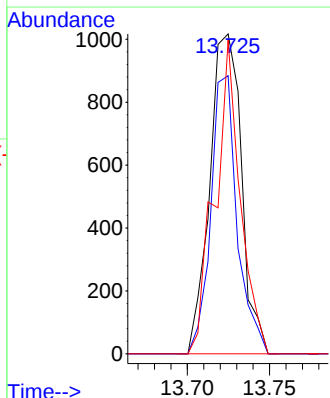
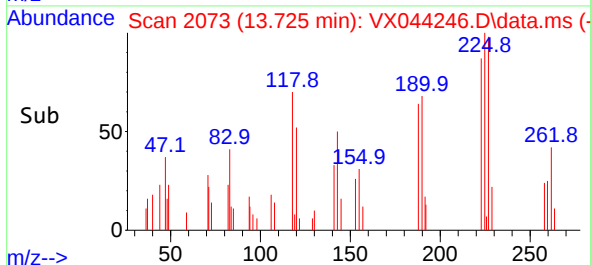
Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024

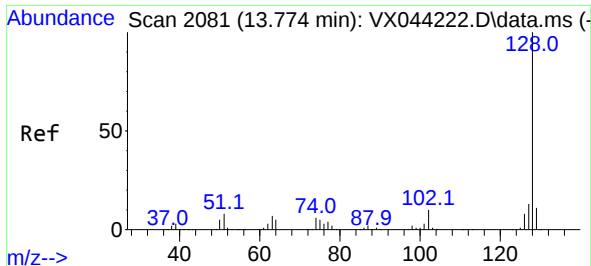


#94
Hexachlorobutadiene
Concen: 2.170 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47



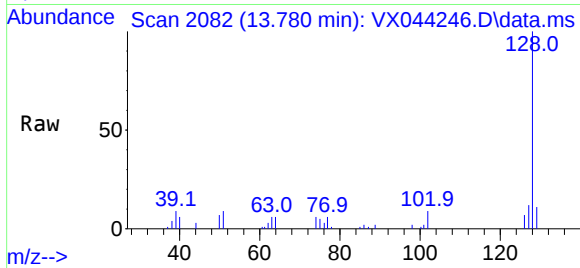
Tgt Ion:225 Resp: 1364
Ion Ratio Lower Upper
225 100
223 72.4 30.8 92.4
227 79.0 32.1 96.3





#95
Naphthalene
Concen: 1.966 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

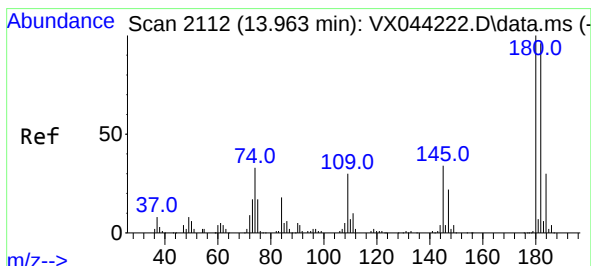
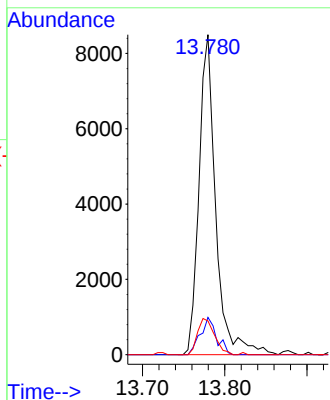
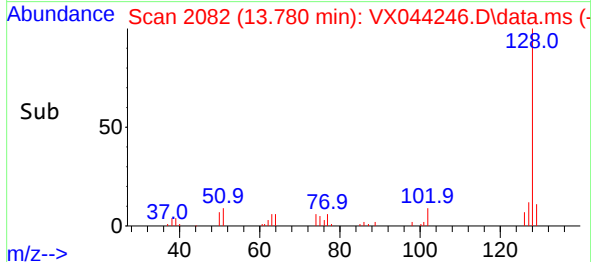
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2024



Tgt Ion:128 Resp: 11994
Ion Ratio Lower Upper
128 100
127 11.3 10.5 15.7
129 11.5 9.0 13.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2024
Supervised By :Mahesh Dadoda 12/13/2024



#96
1,2,3-Trichlorobenzene
Concen: 2.289 ug/l
RT: 13.962 min Scan# 2112
Delta R.T. -0.001 min
Lab File: VX044246.D
Acq: 12 Dec 2024 12:47

Tgt Ion:180 Resp: 3794
Ion Ratio Lower Upper
180 100
182 99.3 48.0 144.0
145 33.9 17.7 53.1

