

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051424\
 Data File : VX041521.D
 Acq On : 14 May 2024 15:59
 Operator : JC/MD
 Sample : P2403-07 0.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Quant Time: May 15 01:54:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 15 01:53:03 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	171249	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	243315	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99952	53.614	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	107.220%		
35) Dibromofluoromethane	5.385	113	77041	46.723	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.440%		
50) Toluene-d8	8.647	98	270703	51.870	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	103.740%		
62) 4-Bromofluorobenzene	11.079	95	98680	48.846	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.700%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	575	0.409	ug/l	96
3) Chloromethane	1.301	50	830	0.570	ug/l	100
4) Vinyl Chloride	1.374	62	788	0.568	ug/l	92
5) Bromomethane	1.599	94	731	0.840	ug/l	96
6) Chloroethane	1.666	64	623	0.967	ug/l #	82
7) Trichlorofluoromethane	1.868	101	1245	0.520	ug/l #	83
8) Diethyl Ether	2.142	74	601	0.712	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	905	0.673	ug/l	95
10) Methyl Iodide	2.447	142	646	0.446	ug/l #	75
11) Tert butyl alcohol	3.002	59	712	1.908	ug/l #	78
12) 1,1-Dichloroethene	2.307	96	829	0.625	ug/l #	70
13) Acrolein	2.233	56	588	1.986	ug/l	95
14) Allyl chloride	2.654	41	1085	0.487	ug/l	87
15) Acrylonitrile	3.075	53	2343	2.751	ug/l	89
16) Acetone	2.392	43	3765	3.867	ug/l	95
17) Carbon Disulfide	2.502	76	1499	0.481	ug/l #	93
18) Methyl Acetate	2.715	43	2334	1.224	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	2524	0.522	ug/l #	88
20) Methylene Chloride	2.776	84	1769	1.093	ug/l #	81
21) trans-1,2-Dichloroethene	3.081	96	793	0.535	ug/l #	72
22) Diisopropyl ether	3.764	45	2554	0.541	ug/l #	67
23) Vinyl Acetate	3.733	43	9475	2.242	ug/l	98
24) 1,1-Dichloroethane	3.605	63	1428	0.535	ug/l #	89
25) 2-Butanone	4.605	43	3341	2.769	ug/l #	86
26) 2,2-Dichloropropane	4.471	77	1122	0.503	ug/l #	68
27) cis-1,2-Dichloroethene	4.489	96	895	0.510	ug/l	84
28) Bromochloromethane	4.910	49	536	0.563	ug/l #	63
29) Tetrahydrofuran	5.032	42	2026	2.567	ug/l #	89
30) Chloroform	5.099	83	1635	0.589	ug/l	92
31) Cyclohexane	5.458	56	1219	0.542	ug/l	92
32) 1,1,1-Trichloroethane	5.391	97	1353	0.535	ug/l #	46
36) 1,1-Dichloropropene	5.690	75	1141	0.579	ug/l #	86
37) Ethyl Acetate	4.763	43	1375m	0.559	ug/l	
38) Carbon Tetrachloride	5.678	117	1193	0.528	ug/l #	83
39) Methylcyclohexane	7.373	83	1321	0.570	ug/l #	85
40) Benzene	6.038	78	3177	0.523	ug/l #	87

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051424\
 Data File : VX041521.D
 Acq On : 14 May 2024 15:59
 Operator : JC/MD
 Sample : P2403-07 0.5PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Quant Time: May 15 01:54:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 15 01:53:03 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.952	41	548	0.433	ug/l #	34
42) 1,2-Dichloroethane	6.092	62	1478	0.664	ug/l #	77
43) Isopropyl Acetate	6.367	43	1850	0.500	ug/l #	66
44) Trichloroethene	7.135	130	968	0.603	ug/l	75
45) 1,2-Dichloropropane	7.428	63	770	0.567	ug/l	95
46) Dibromomethane	7.580	93	531	0.491	ug/l #	73
47) Bromodichloromethane	7.824	83	949	0.493	ug/l #	87
48) Methyl methacrylate	7.720	41	821m	0.484	ug/l	
49) 1,4-Dioxane	7.690	88	216	5.892	ug/l #	43
51) 4-Methyl-2-Pentanone	8.580	43	5874	2.647	ug/l	96
52) Toluene	8.720	92	2123	0.571	ug/l	99
53) t-1,3-Dichloropropene	8.988	75	883	0.463	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	919	0.434	ug/l	96
55) 1,1,2-Trichloroethane	9.159	97	805	0.562	ug/l #	87
56) Ethyl methacrylate	9.128	69	903	0.407	ug/l #	92
57) 1,3-Dichloropropane	9.311	76	1335	0.559	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.251	63	2529	2.354	ug/l	93
59) 2-Hexanone	9.445	43	3963	2.233	ug/l	96
60) Dibromochloromethane	9.525	129	783	0.465	ug/l	92
61) 1,2-Dibromoethane	9.616	107	840	0.533	ug/l	95
64) Tetrachloroethene	9.275	164	1003	0.654	ug/l #	81
65) Chlorobenzene	10.080	112	2390	0.556	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	715	0.471	ug/l #	57
67) Ethyl Benzene	10.195	91	3554	0.501	ug/l #	84
68) m/p-Xylenes	10.305	106	2792	0.983	ug/l	98
69) o-Xylene	10.647	106	1443	0.531	ug/l	100
70) Styrene	10.665	104	2139	0.479	ug/l	96
71) Bromoform	10.799	173	733	0.539	ug/l #	87
73) Isopropylbenzene	10.964	105	3301	0.496	ug/l	93
74) N-amyl acetate	10.854	43	1339	0.461	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	1252	0.574	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	1185m	0.667	ug/l	
77) Bromobenzene	11.201	156	1009	0.537	ug/l	80
78) n-propylbenzene	11.305	91	3730	0.534	ug/l	97
79) 2-Chlorotoluene	11.366	91	2687	0.597	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	2943	0.543	ug/l	99
82) 4-Chlorotoluene	11.457	91	3071	0.601	ug/l	98
83) tert-Butylbenzene	11.713	119	3083	0.531	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	2645	0.485	ug/l	88
85) sec-Butylbenzene	11.890	105	3375	0.507	ug/l	100
86) p-Isopropyltoluene	12.012	119	2851	0.477	ug/l	90
87) 1,3-Dichlorobenzene	11.976	146	1862	0.545	ug/l	92
88) 1,4-Dichlorobenzene	12.043	146	2151m	0.612	ug/l	
89) n-Butylbenzene	12.335	91	2041	0.425	ug/l	90
90) Hexachloroethane	12.536	117	422	0.422	ug/l	70
91) 1,2-Dichlorobenzene	12.341	146	1886	0.523	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.951	75	175	0.347	ug/l #	36
93) 1,2,4-Trichlorobenzene	13.591	180	1117	0.443	ug/l	96
94) Hexachlorobutadiene	13.725	225	640	0.508	ug/l	97
95) Naphthalene	13.780	128	3255	0.436	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.963	180	1141	0.443	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051424\
Data File : VX041521.D
Acq On : 14 May 2024 15:59
Operator : JC/MD
Sample : P2403-07 0.5PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Quant Time: May 15 01:54:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 15 01:53:03 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

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

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

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

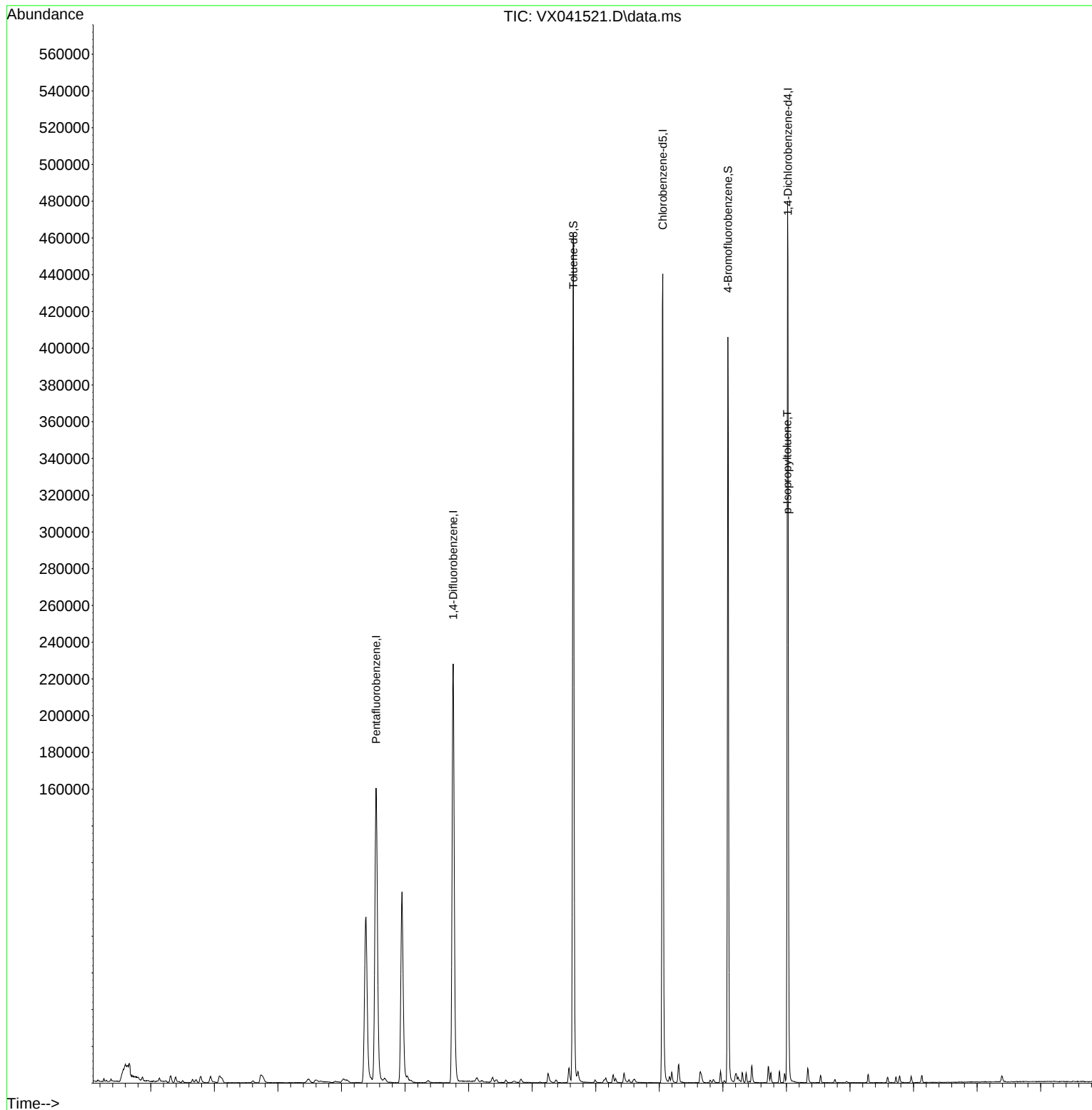
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051424\
Data File : VX041521.D
Acq On : 14 May 2024 15:59
Operator : JC/MD
Sample : P2403-07 0.5PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

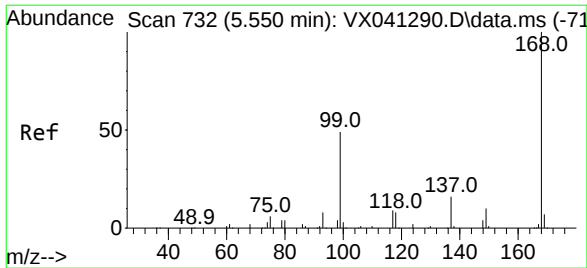
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Quant Time: May 15 01:54:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 15 01:53:03 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

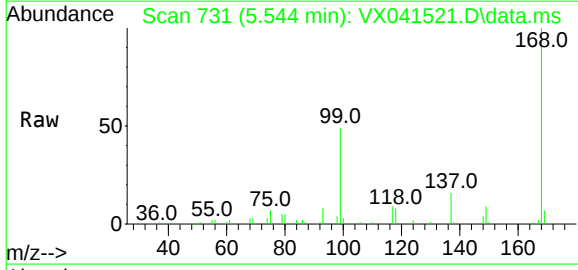
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

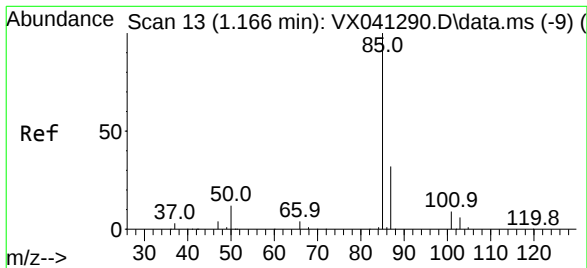
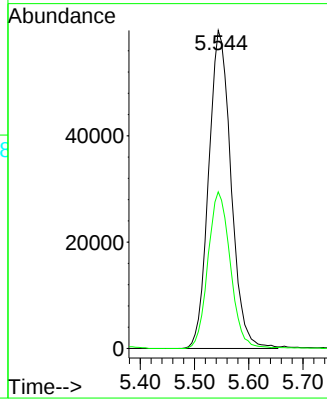
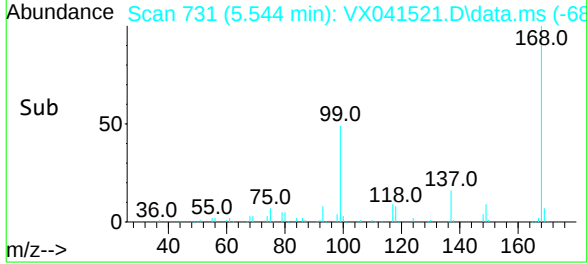
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 168 Resp: 171249
Ion Ratio Lower Upper
168 100
99 49.3 56.6 85.0

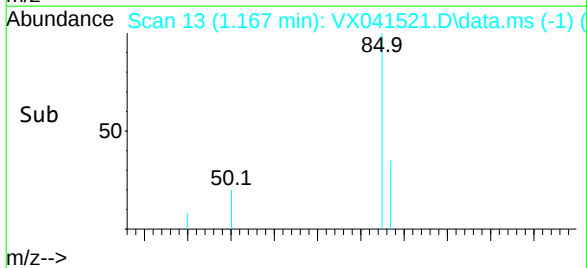
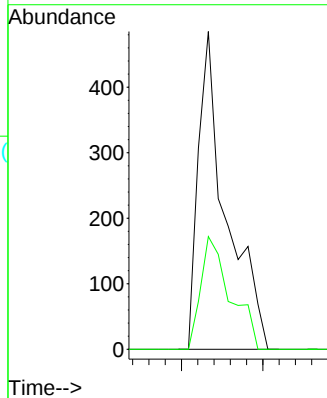
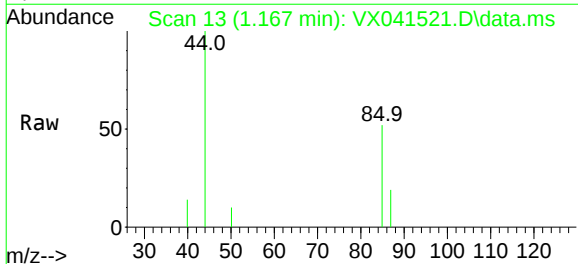
Manual Integrations
APPROVED

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

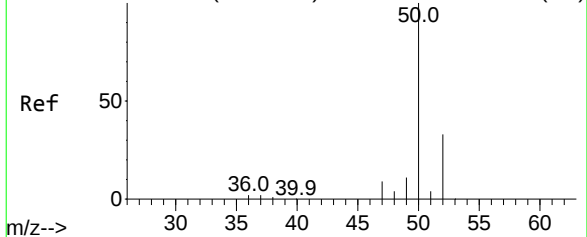


#2
Dichlorodifluoromethane
Concen: 0.409 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

Tgt Ion: 85 Resp: 575
Ion Ratio Lower Upper
85 100
87 35.5 16.7 50.1



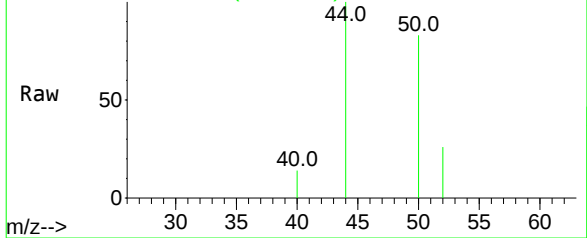
Abundance Scan 35 (1.300 min): VX041290.D\data.ms (-30)



#3
Chloromethane
Concen: 0.570 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Abundance Scan 35 (1.301 min): VX041521.D\data.ms

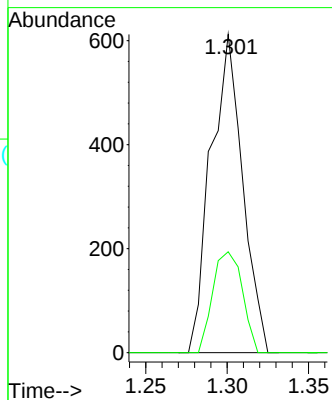
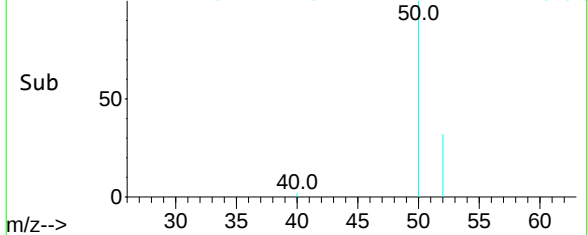


Tgt Ion: 50 Resp: 830
Ion Ratio Lower Upper
50 100
52 31.7 25.5 38.3

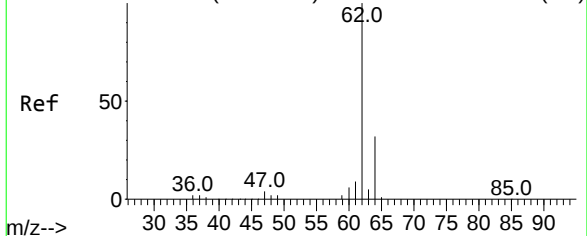
Manual Integrations
APPROVED

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

Abundance Scan 35 (1.301 min): VX041521.D\data.ms (-1)



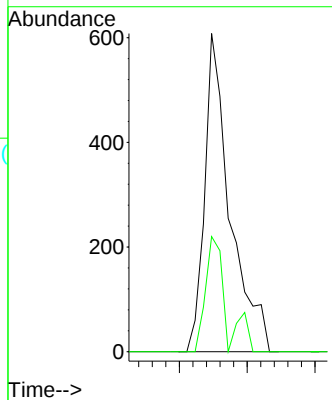
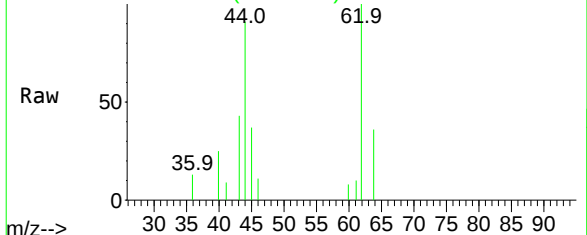
Abundance Scan 47 (1.374 min): VX041290.D\data.ms (-42)



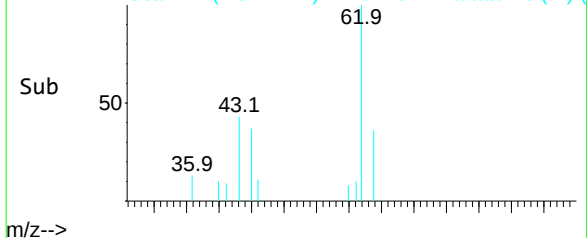
#4
Vinyl Chloride
Concen: 0.568 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

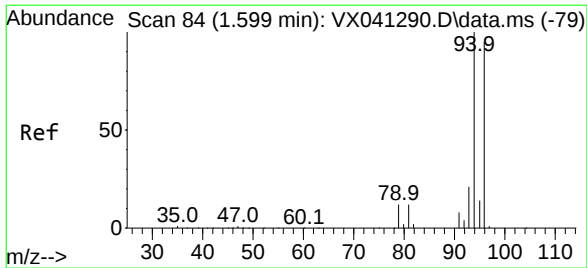
Tgt Ion: 62 Resp: 788
Ion Ratio Lower Upper
62 100
64 36.2 25.4 38.0

Abundance Scan 47 (1.374 min): VX041521.D\data.ms



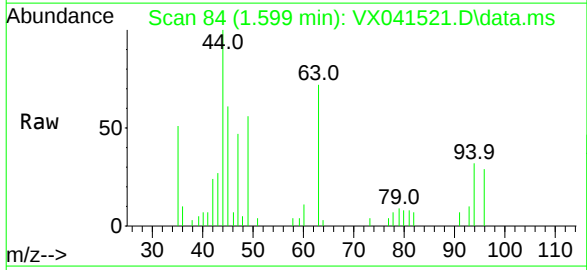
Abundance Scan 47 (1.374 min): VX041521.D\data.ms (-1)





#5
Bromomethane
Concen: 0.840 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

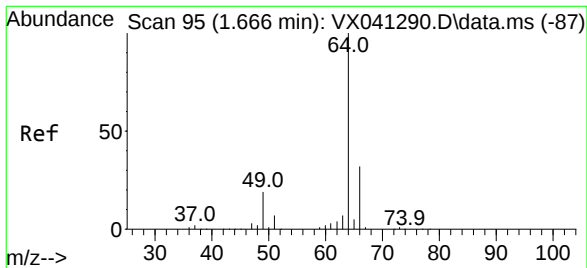
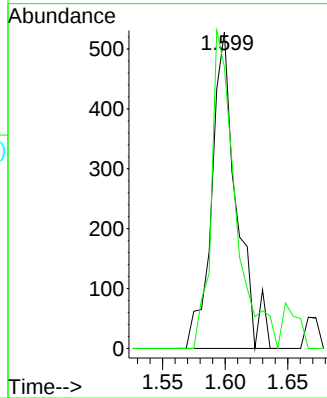
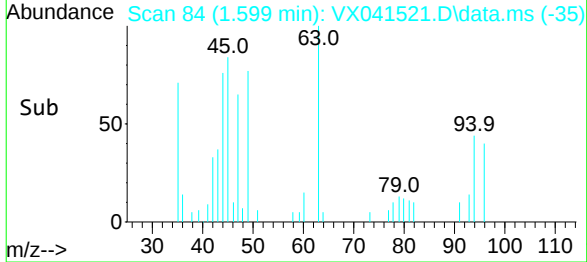
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 94 Resp: 731
Ion Ratio Lower Upper
94 100
96 89.0 74.6 111.8

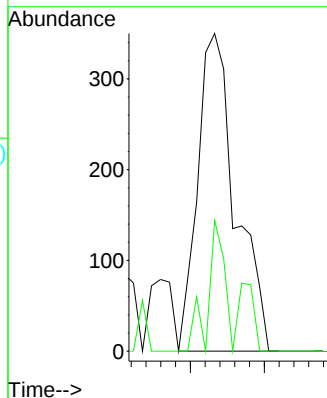
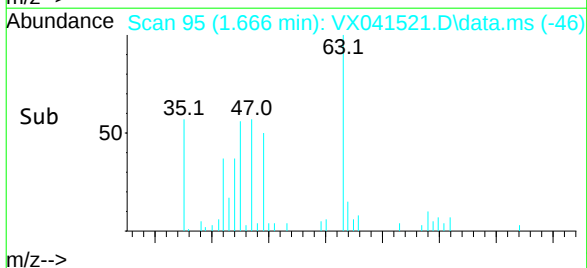
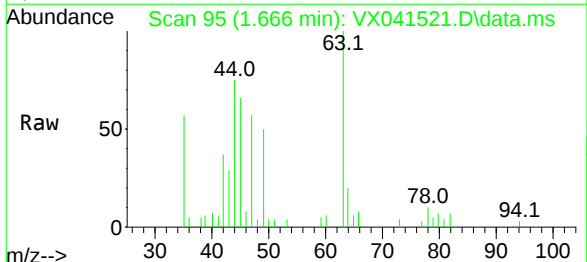
Manual Integrations
APPROVED

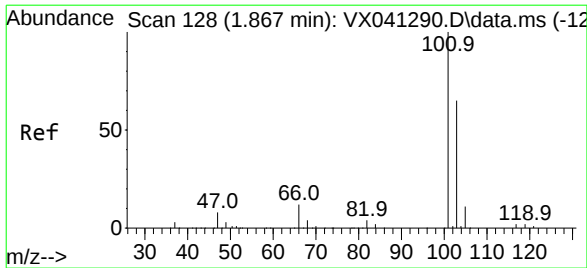
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#6
Chloroethane
Concen: 0.967 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

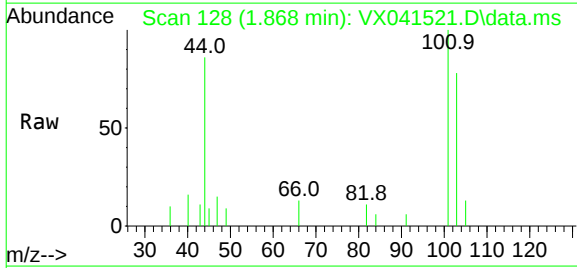
Tgt Ion: 64 Resp: 623
Ion Ratio Lower Upper
64 100
66 41.1 25.1 37.7#





#7
Trichlorofluoromethane
Concen: 0.520 ug/l
RT: 1.868 min Scan# 128
Delta R.T. 0.000 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

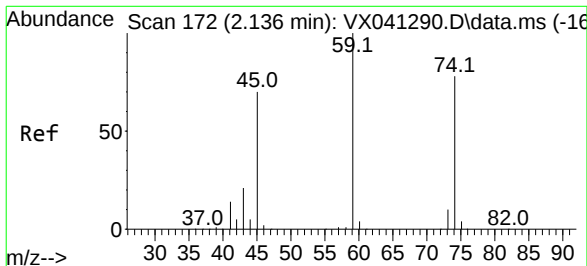
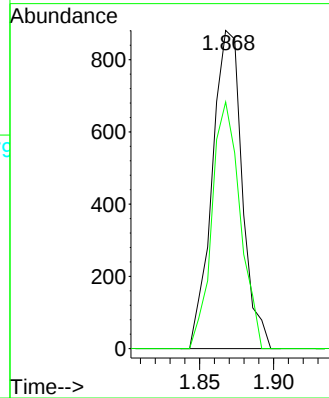
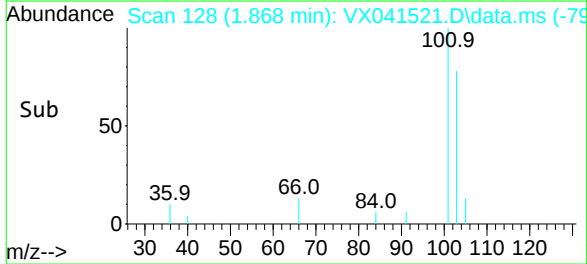
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



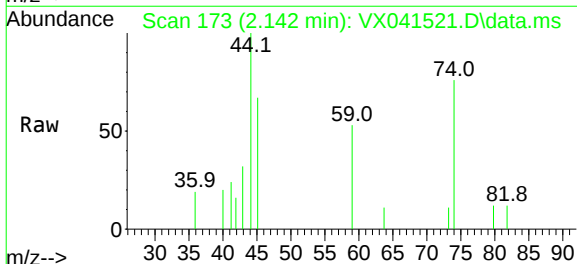
Tgt Ion: 101 Resp: 1245
Ion Ratio Lower Upper
101 100
103 77.5 51.4 77.2#

Manual Integrations
APPROVED

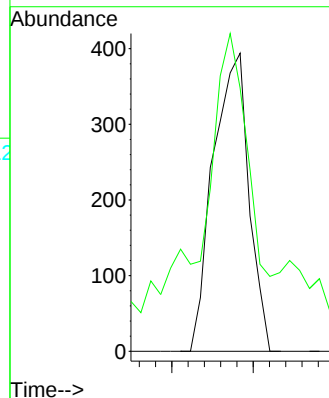
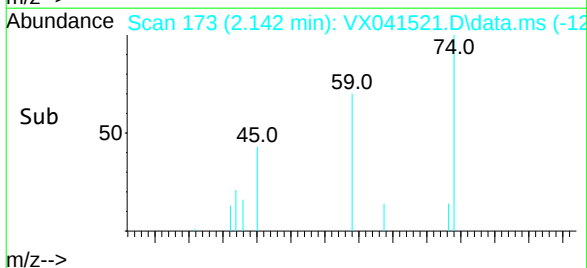
Reviewed By : John Carlone 05/15/2024
Supervised By : Mahesh Dadoda 05/15/2024

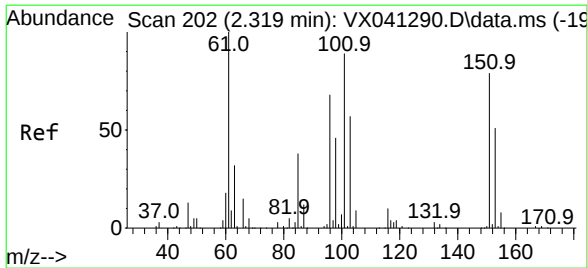


#8
Diethyl Ether
Concen: 0.712 ug/l
RT: 2.142 min Scan# 173
Delta R.T. 0.006 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59



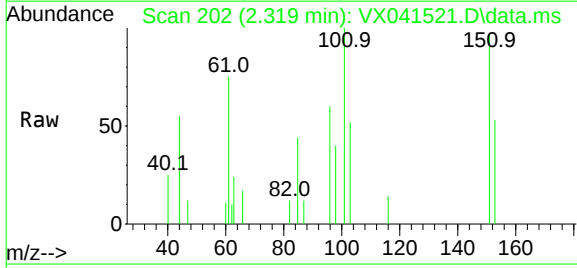
Tgt Ion: 74 Resp: 601
Ion Ratio Lower Upper
74 100
45 108.7 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.673 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

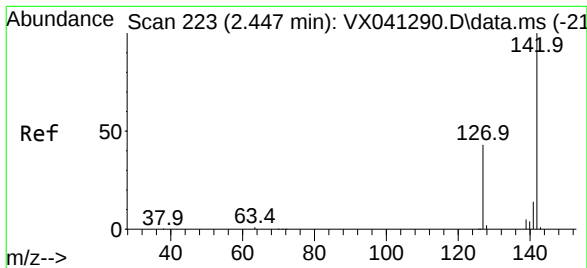
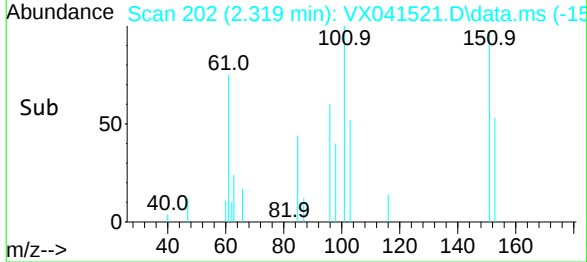
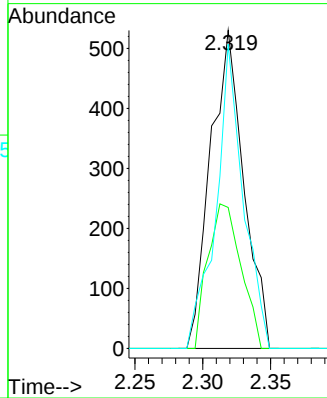
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion	Ratio	Lower	Upper
101	100		
85	45.3	37.0	55.6
151	78.8	58.6	87.8

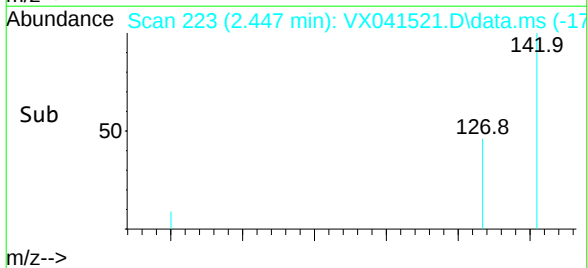
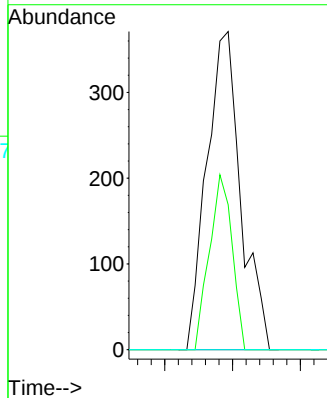
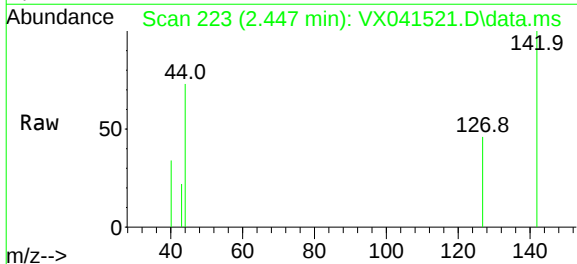
Manual Integrations
APPROVED

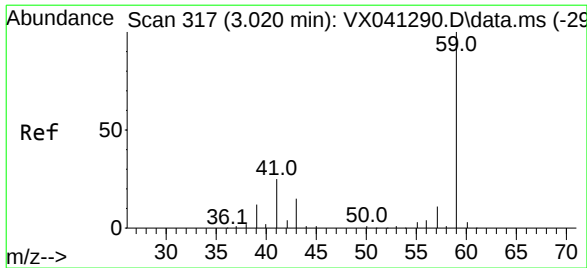
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#10
Methyl Iodide
Concen: 0.446 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

Tgt Ion	Ratio	Lower	Upper
142	100		
127	36.8	41.6	62.4#
141	0.0	11.6	17.4#





#11

Tert butyl alcohol

Concen: 1.908 ug/l

RT: 3.002 min Scan# 317

Delta R.T. -0.018 min

Lab File: VX041521.D

Acq: 14 May 2024 15:59

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

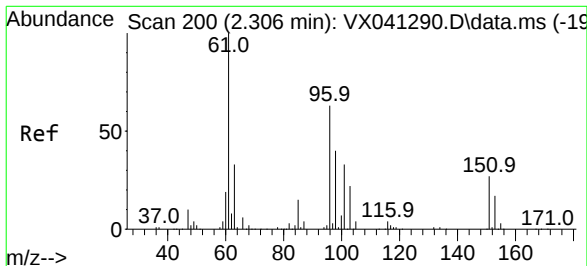
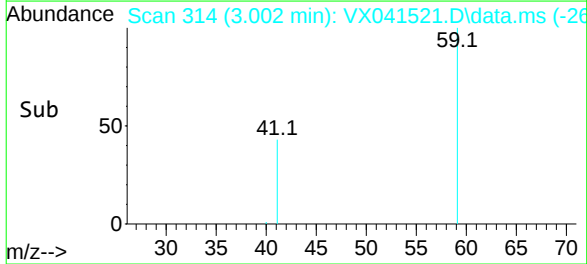
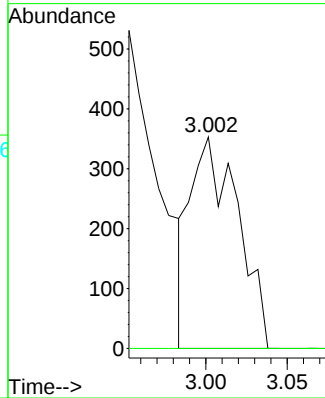
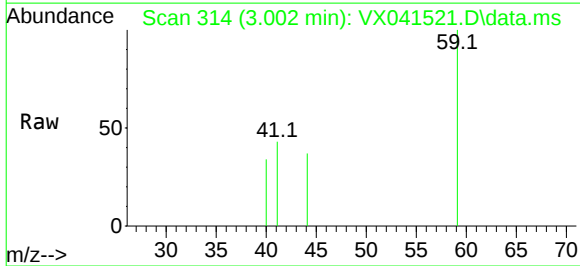
Tgt Ion: 59 Resp: 712
 Ion Ratio Lower Upper
 59 100
 57 0.0 6.0 9.0#

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#12

1,1-Dichloroethene

Concen: 0.625 ug/l

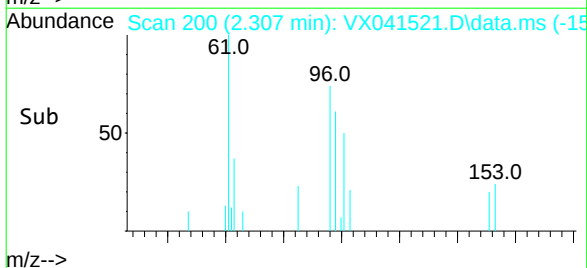
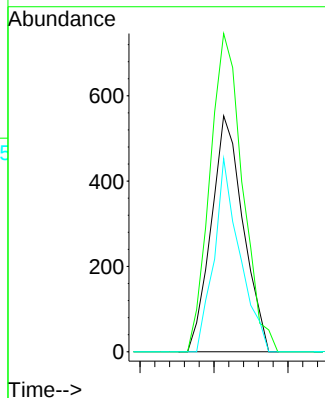
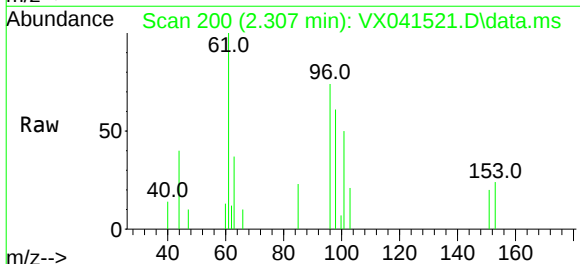
RT: 2.307 min Scan# 200

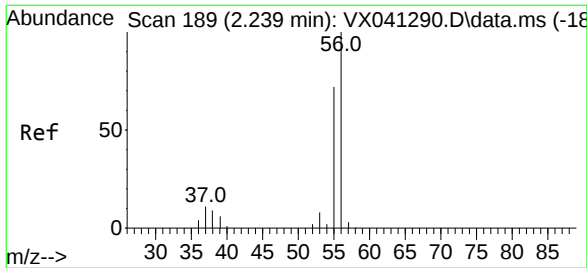
Delta R.T. 0.000 min

Lab File: VX041521.D

Acq: 14 May 2024 15:59

Tgt Ion: 96 Resp: 829
 Ion Ratio Lower Upper
 96 100
 61 134.9 144.6 216.8#
 98 81.9 50.4 75.6#





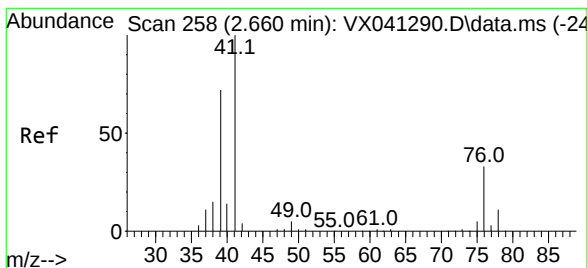
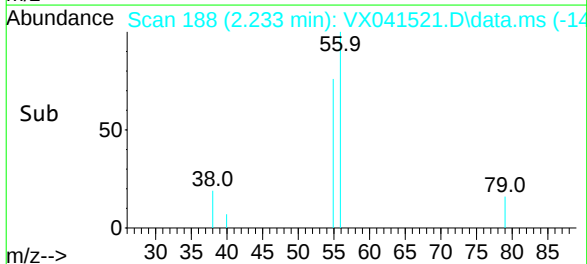
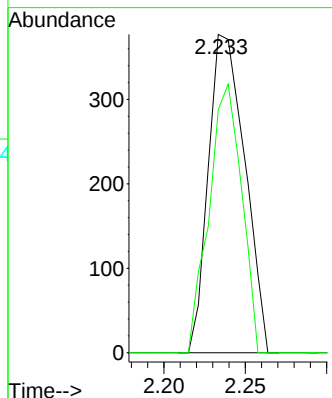
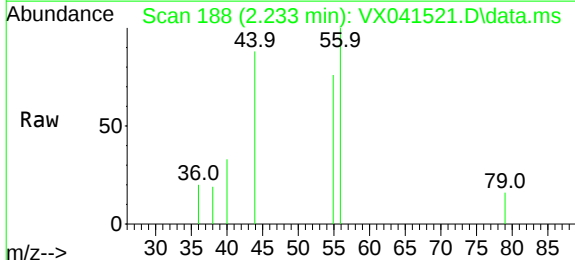
#13
Acrolein
Concen: 1.986 ug/l
RT: 2.233 min Scan# 18
Delta R.T. -0.006 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion	Ratio	Lower	Upper
56	100		
55	75.2	57.1	85.7

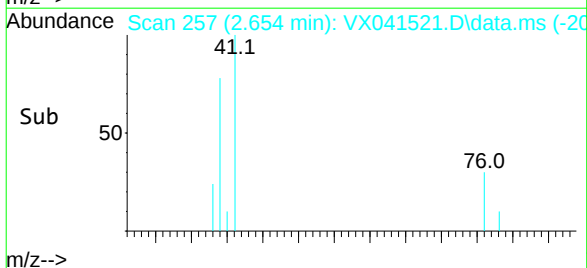
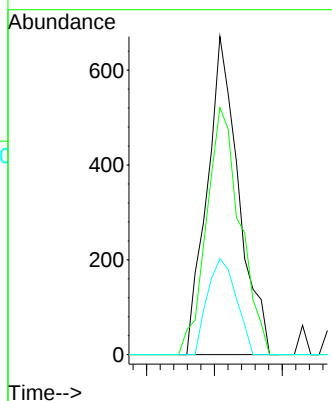
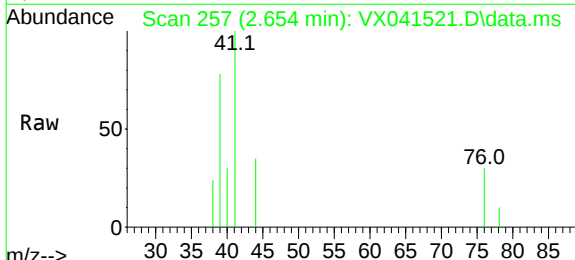
Manual Integrations
APPROVED

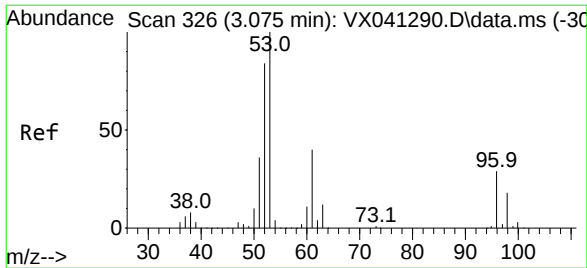
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#14
Allyl chloride
Concen: 0.487 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

Tgt Ion	Ratio	Lower	Upper
41	100		
39	82.9	55.8	83.6
76	27.6	24.3	36.5





#15

Acrylonitrile

Concen: 2.751 ug/l

RT: 3.075 min Scan# 326

Delta R.T. 0.000 min

Lab File: VX041521.D

Acq: 14 May 2024 15:59

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

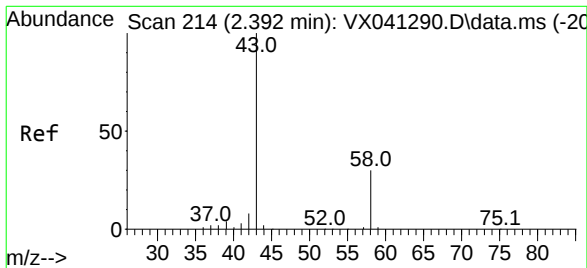
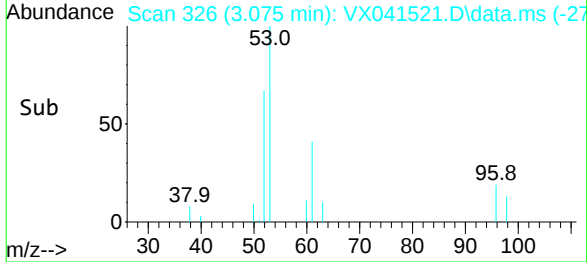
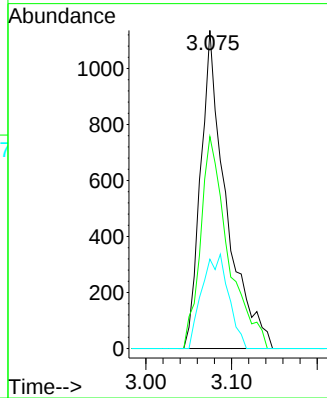
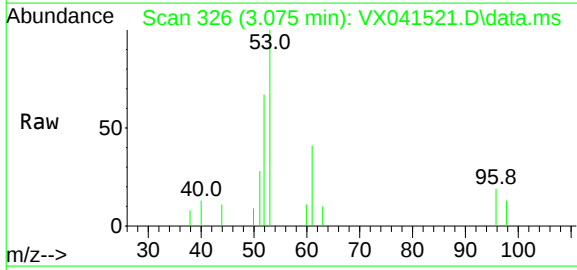
Tgt Ion: 53	Resp: 2343
Ion Ratio	Lower Upper
53 100	
52 72.3	66.0 99.0
51 31.0	29.8 44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#16

Acetone

Concen: 3.867 ug/l

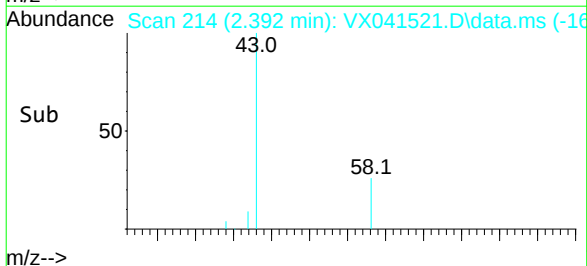
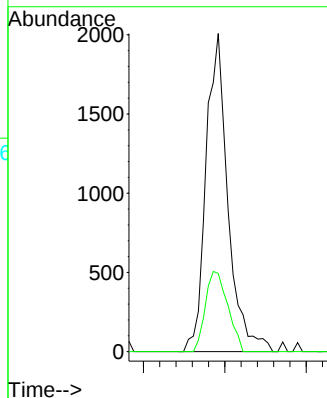
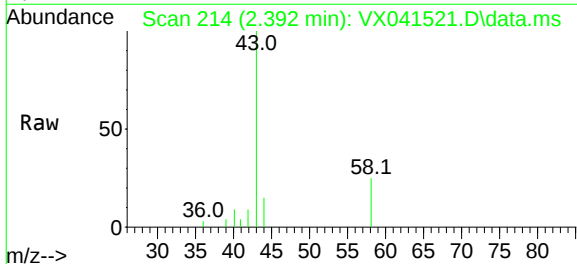
RT: 2.392 min Scan# 214

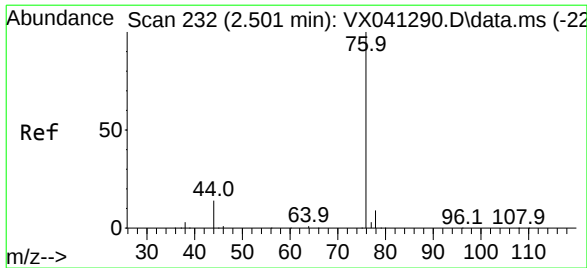
Delta R.T. -0.000 min

Lab File: VX041521.D

Acq: 14 May 2024 15:59

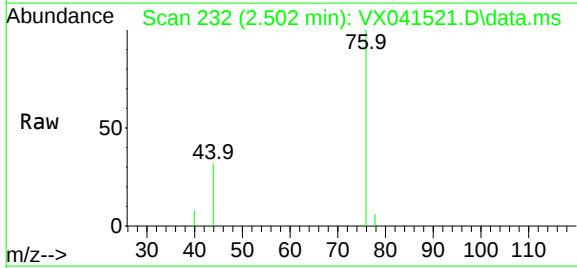
Tgt Ion: 43	Resp: 3765
Ion Ratio	Lower Upper
43 100	
58 24.6	21.9 32.9





#17
Carbon Disulfide
Concen: 0.481 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.001 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

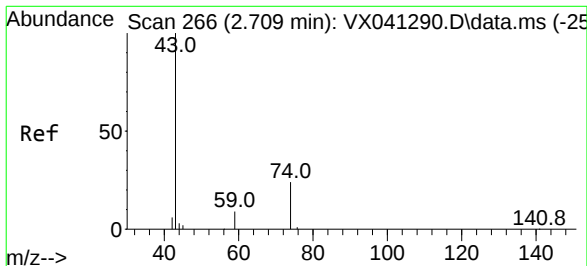
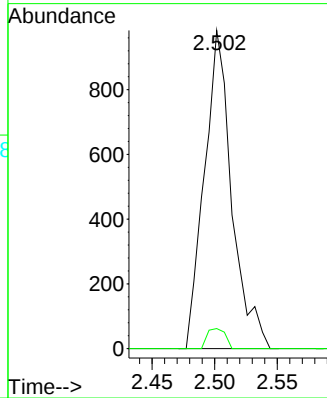
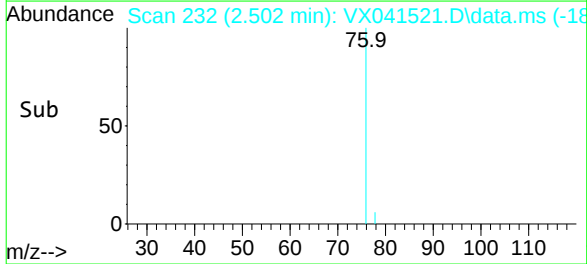
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 76 Resp: 1499
Ion Ratio Lower Upper
76 100
78 6.3 7.0 10.6#

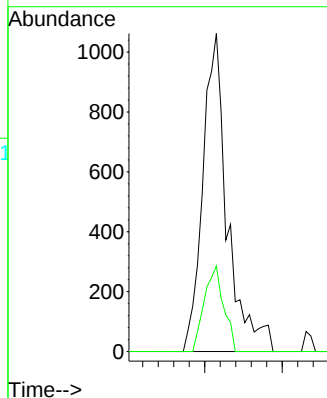
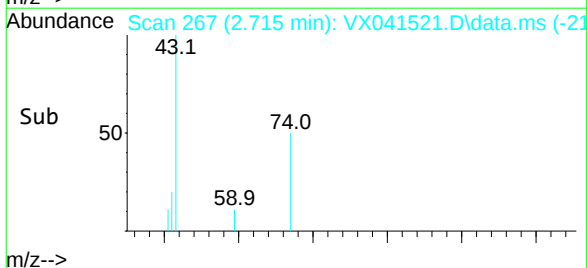
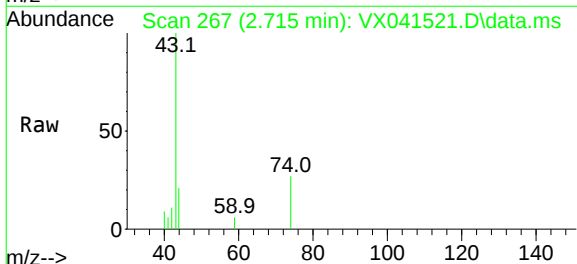
Manual Integrations
APPROVED

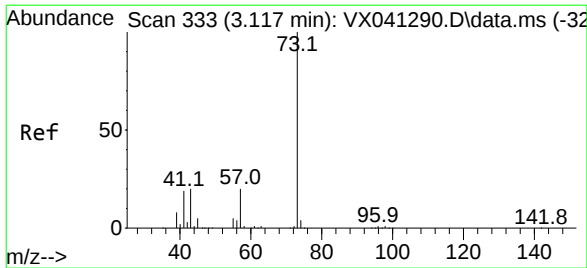
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#18
Methyl Acetate
Concen: 1.224 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

Tgt Ion: 43 Resp: 2334
Ion Ratio Lower Upper
43 100
74 21.2 17.8 26.8





#19

Methyl tert-butyl Ether

Concen: 0.522 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX041521.D

Acq: 14 May 2024 15:59

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 73 Resp: 2524

Ion Ratio Lower Upper

73 100

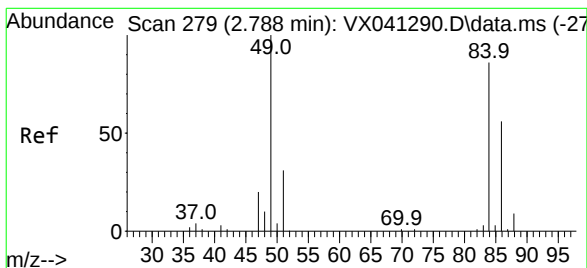
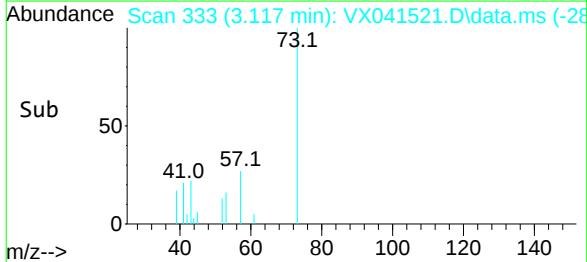
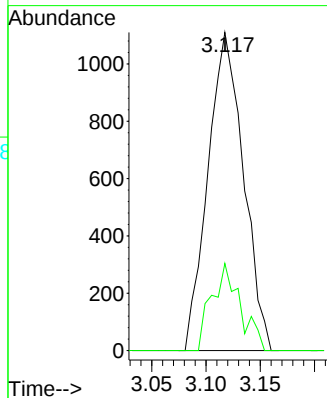
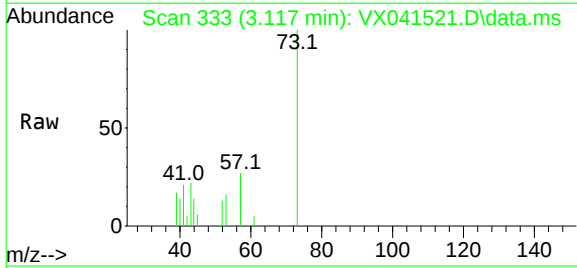
57 27.4 17.3 25.9#

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#20

Methylene Chloride

Concen: 1.093 ug/l

RT: 2.776 min Scan# 277

Delta R.T. -0.012 min

Lab File: VX041521.D

Acq: 14 May 2024 15:59

Tgt Ion: 84 Resp: 1769

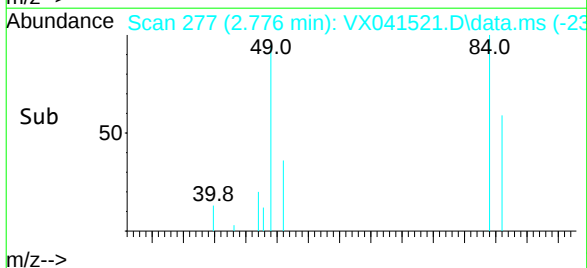
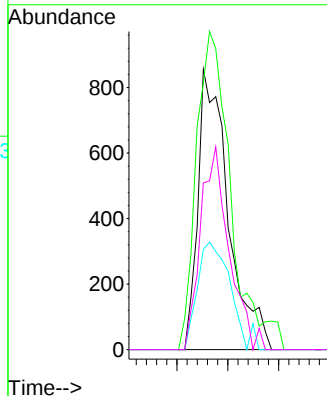
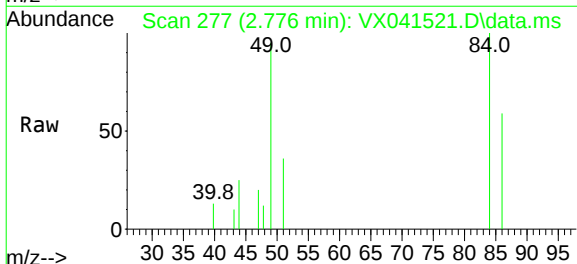
Ion Ratio Lower Upper

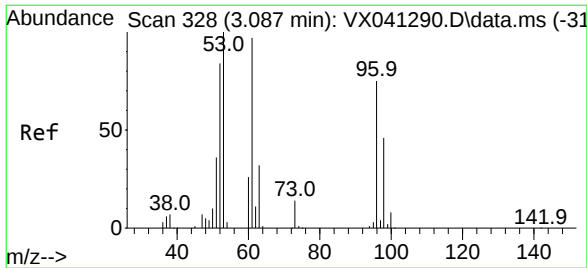
84 100

49 95.0 103.6 155.4#

51 35.7 33.8 50.6

86 59.5 49.4 74.0





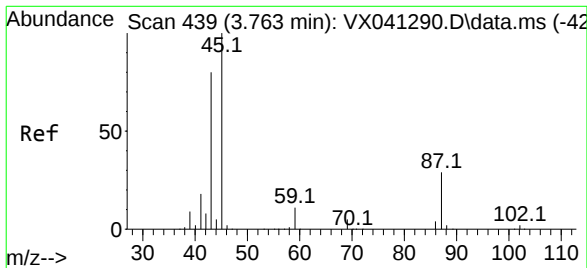
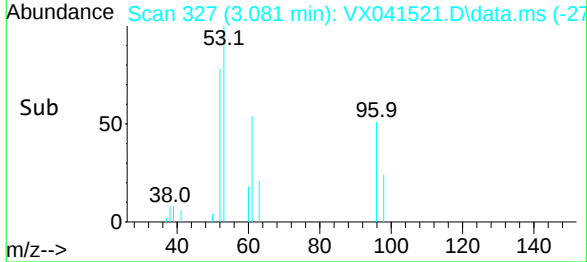
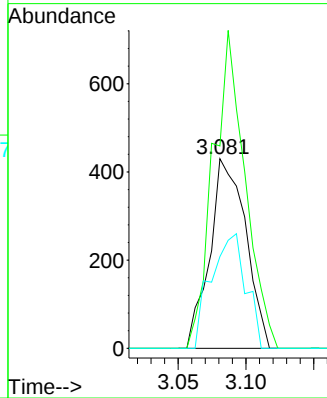
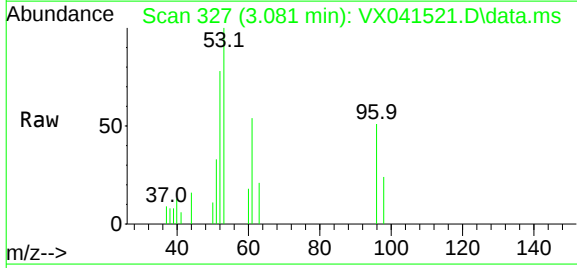
#21
trans-1,2-Dichloroethene
Concen: 0.535 ug/l
RT: 3.081 min Scan# 328
Delta R.T. -0.006 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion	Ratio	Lower	Upper
96	100		
61	106.7	119.2	178.8
98	48.4	48.7	73.1

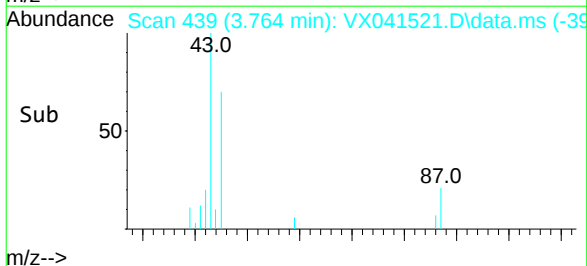
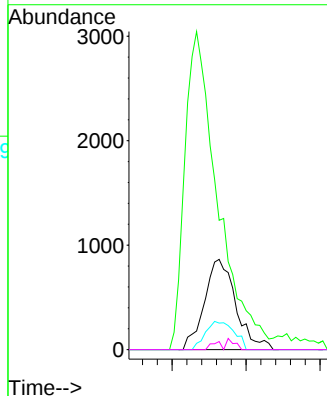
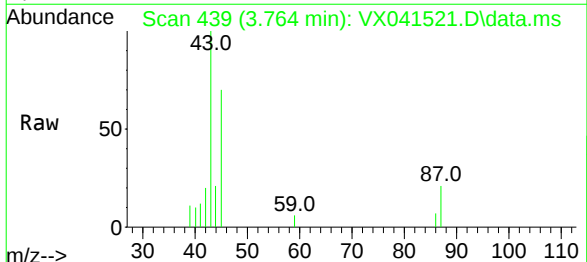
Manual Integrations
APPROVED

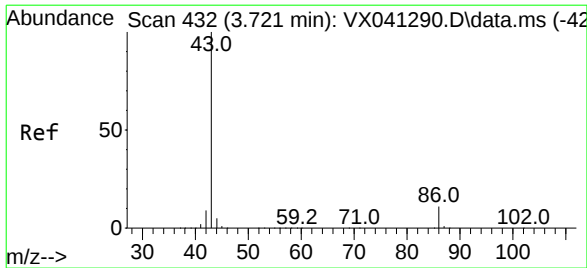
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#22
Diisopropyl ether
Concen: 0.541 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

Tgt Ion	Ratio	Lower	Upper
45	100		
43	128.1	69.7	104.5
87	29.4	20.8	31.2
59	8.9	9.0	13.4





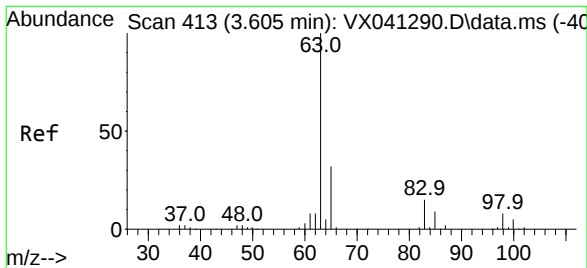
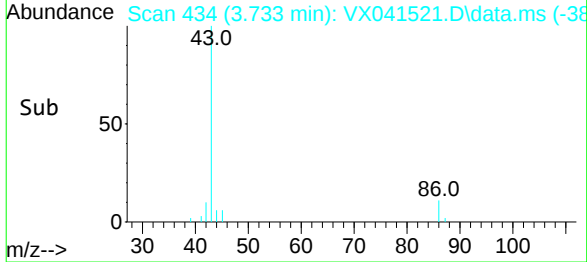
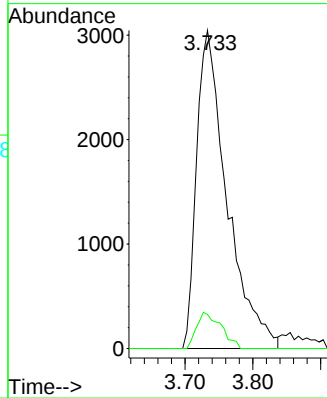
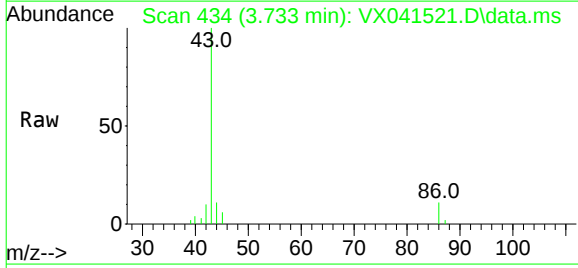
#23
 Vinyl Acetate
 Concen: 2.242 ug/l
 RT: 3.733 min Scan# 43
 Delta R.T. 0.012 min
 Lab File: VX041521.D
 Acq: 14 May 2024 15:59

Instrument : MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 43 Resp: 9475
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.8 11.8

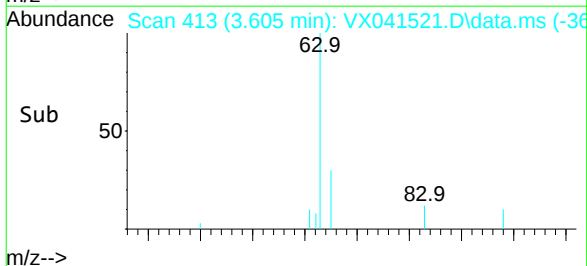
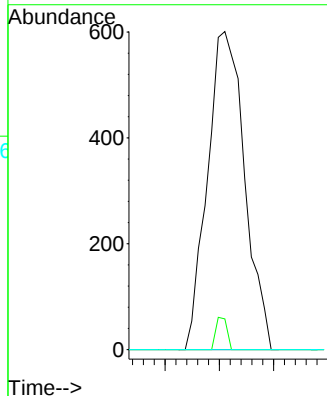
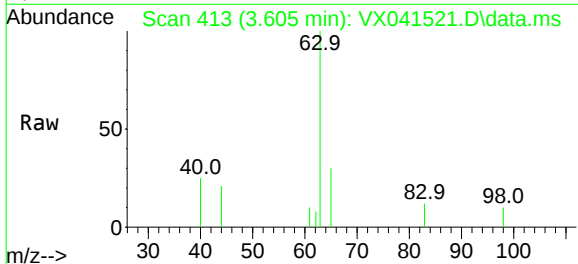
Manual Integrations
 APPROVED

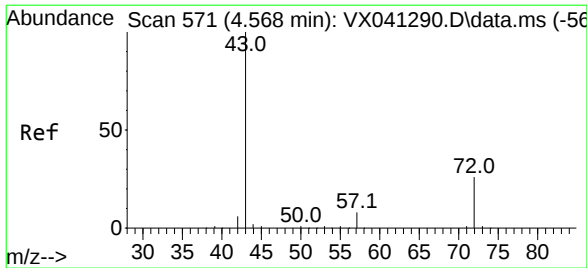
Reviewed By :John Carlone 05/15/2024
 Supervised By :Mahesh Dadoda 05/15/2024



#24
 1,1-Dichloroethane
 Concen: 0.535 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX041521.D
 Acq: 14 May 2024 15:59

Tgt Ion: 63 Resp: 1428
 Ion Ratio Lower Upper
 63 100
 98 9.7 3.3 9.8
 100 0.0 2.1 6.5#





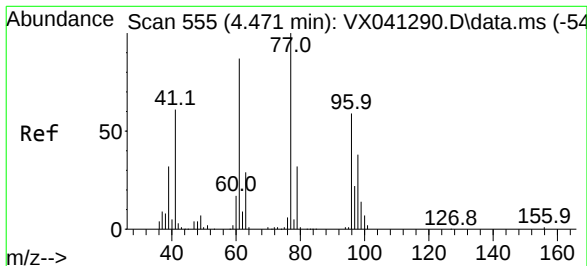
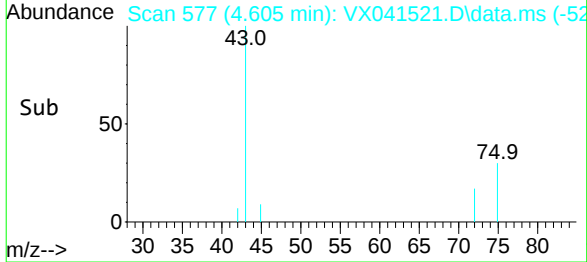
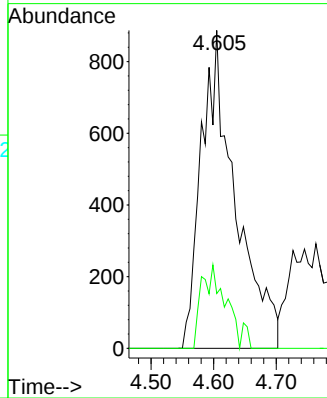
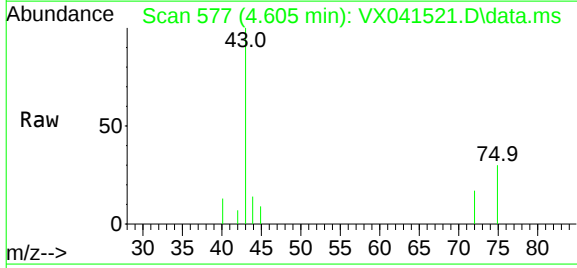
#25
2-Butanone
Concen: 2.769 ug/l
RT: 4.605 min Scan# 571
Delta R.T. 0.037 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 43 Resp: 3341
Ion Ratio Lower Upper
43 100
72 17.2 19.4 29.2#

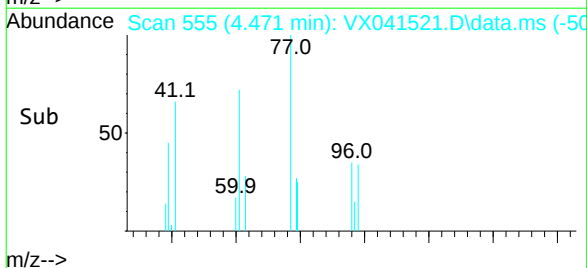
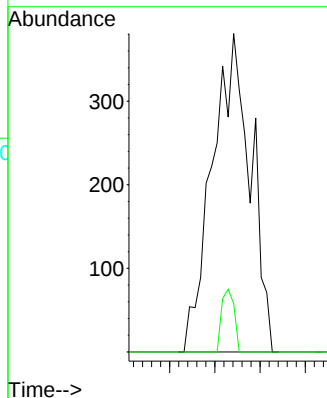
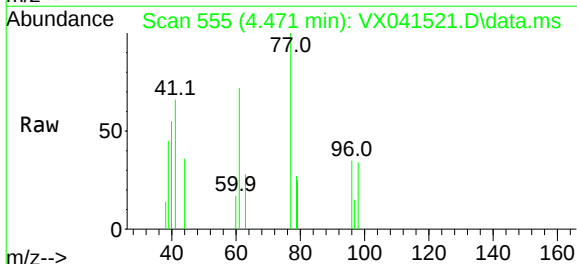
Manual Integrations
APPROVED

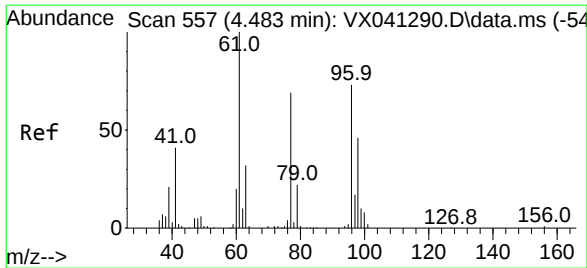
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#26
2,2-Dichloropropane
Concen: 0.503 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

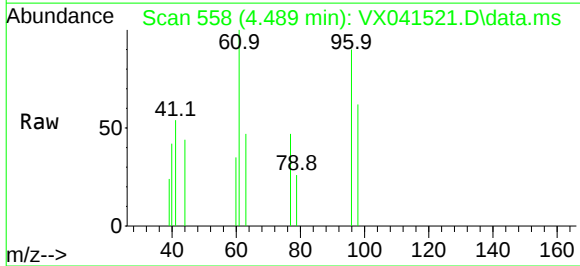
Tgt Ion: 77 Resp: 1122
Ion Ratio Lower Upper
77 100
97 6.4 10.8 32.3#





#27
cis-1,2-Dichloroethene
Concen: 0.510 ug/l
RT: 4.489 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

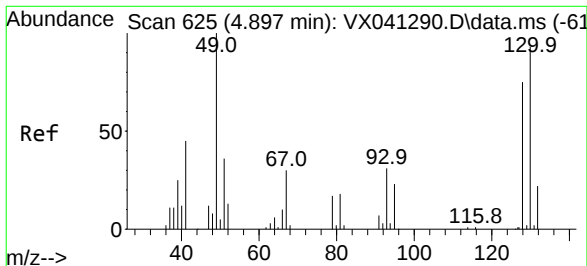
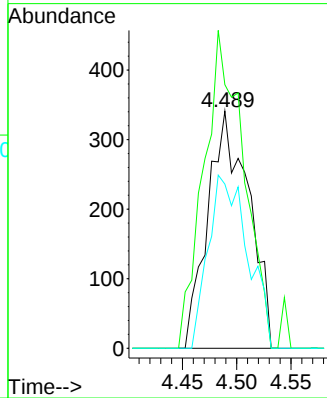
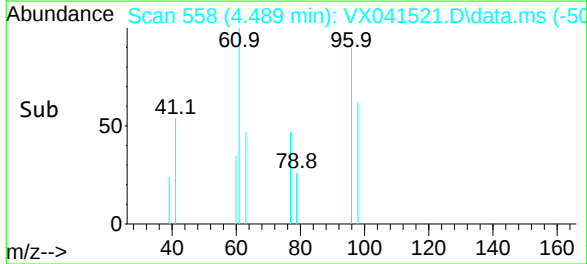
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



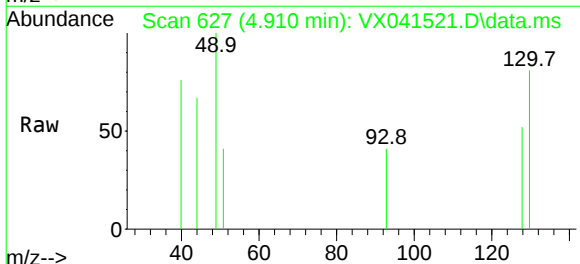
Tgt Ion: 96 Resp: 895
Ion Ratio Lower Upper
96 100
61 130.6 0.0 312.2
98 70.4 0.0 129.0

Manual Integrations
APPROVED

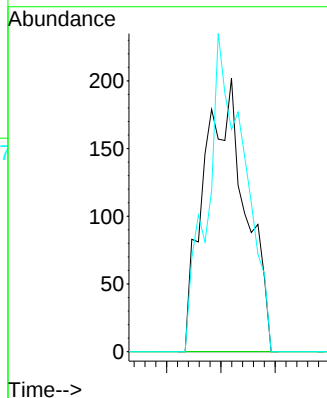
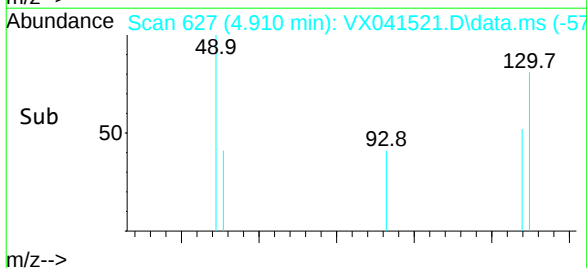
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

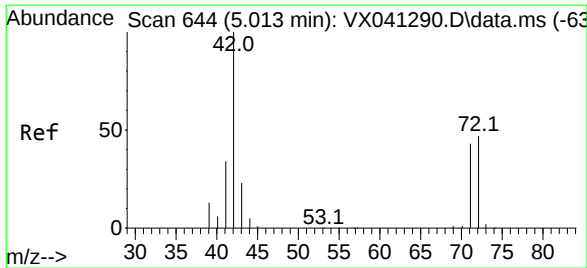


#28
Bromochloromethane
Concen: 0.563 ug/l
RT: 4.910 min Scan# 627
Delta R.T. 0.013 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59



Tgt Ion: 49 Resp: 536
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 103.7 57.5 86.3#





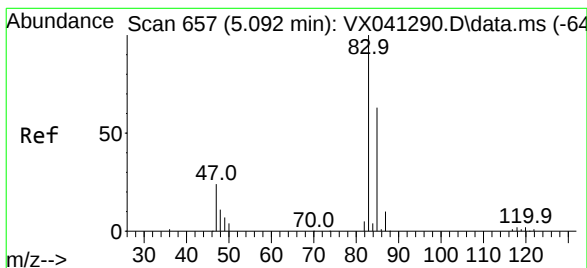
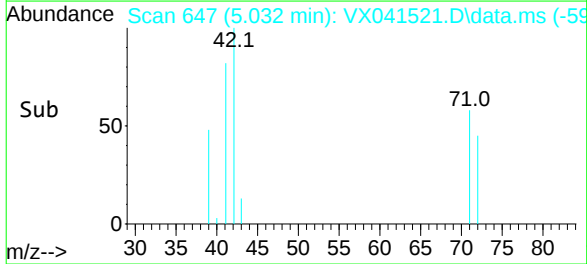
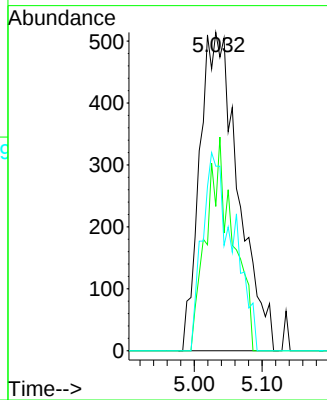
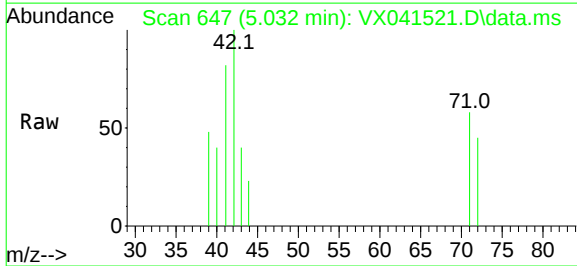
#29
Tetrahydrofuran
Concen: 2.567 ug/l
RT: 5.032 min Scan# 644
Delta R.T. 0.018 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt	Ion	Ratio	Lower	Upper
42	42	100		
72	72	46.7	34.2	51.4
71	71	49.9	32.2	48.2

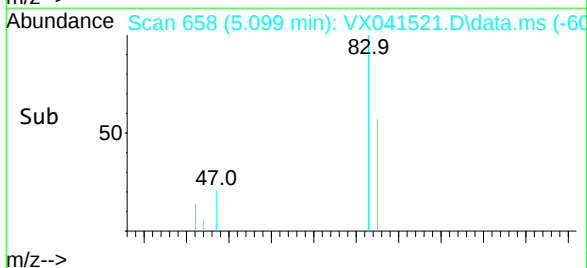
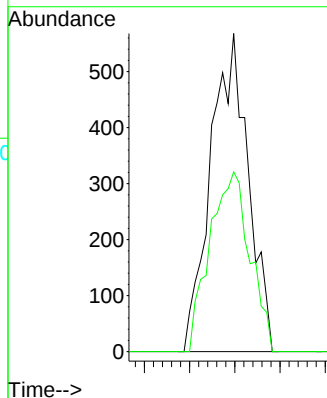
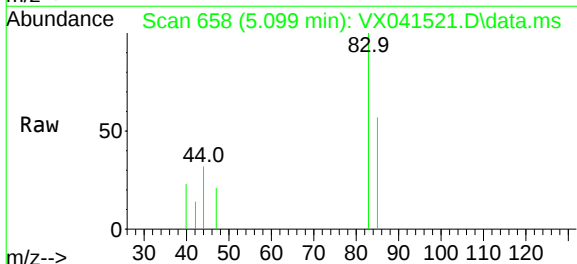
Manual Integrations
APPROVED

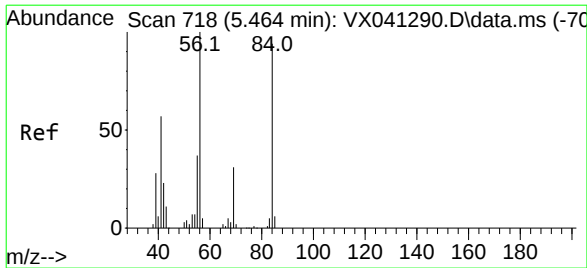
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#30
Chloroform
Concen: 0.589 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

Tgt	Ion	Ratio	Lower	Upper
83	83	100		
85	85	56.5	50.3	75.5





#31

Cyclohexane

Concen: 0.542 ug/l

RT: 5.458 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX041521.D

Acq: 14 May 2024 15:59

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

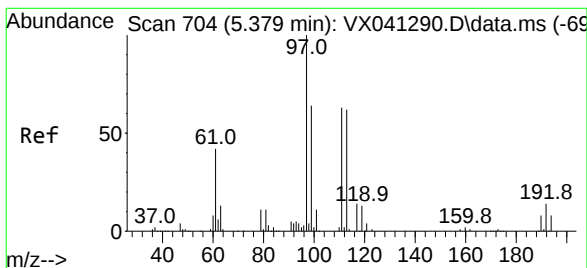
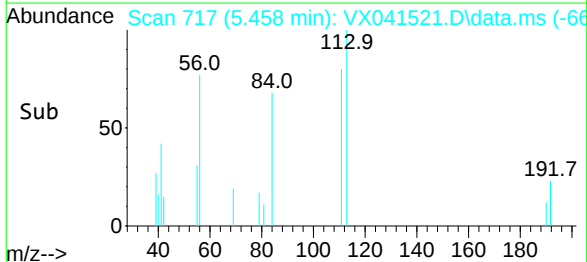
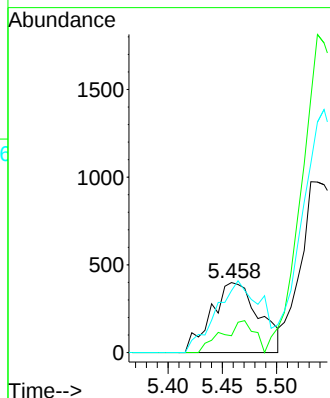
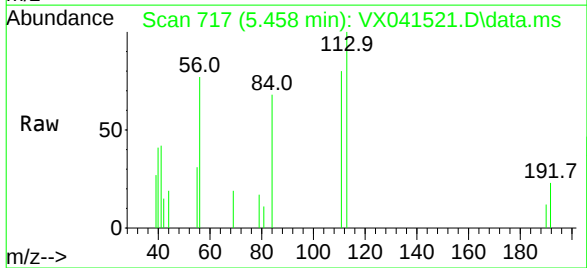
Tgt	Ion:	56	Resp:	1219
Ion	Ratio	Lower	Upper	
56	100			
69	24.1	23.4	35.2	
84	88.5	65.9	98.9	

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#32

1,1,1-Trichloroethane

Concen: 0.535 ug/l

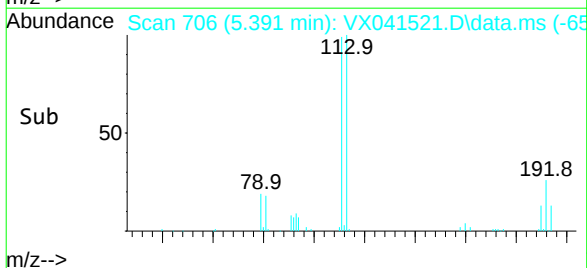
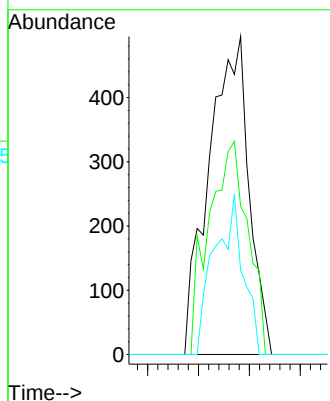
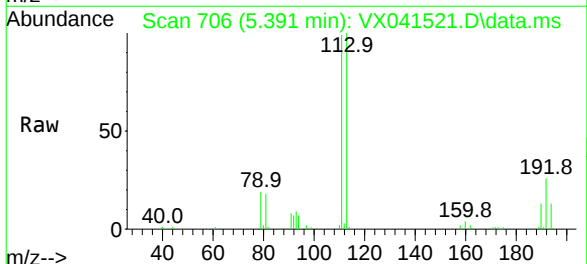
RT: 5.391 min Scan# 706

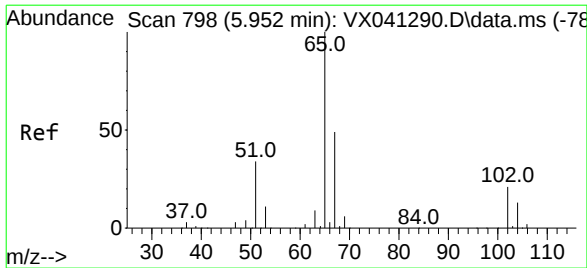
Delta R.T. 0.012 min

Lab File: VX041521.D

Acq: 14 May 2024 15:59

Tgt	Ion:	97	Resp:	1353
Ion	Ratio	Lower	Upper	
97	100			
99	0.0	51.1	76.7#	
61	36.1	36.4	54.6#	





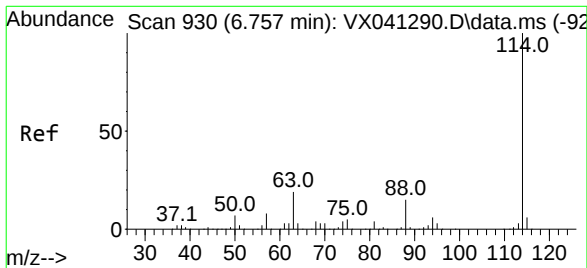
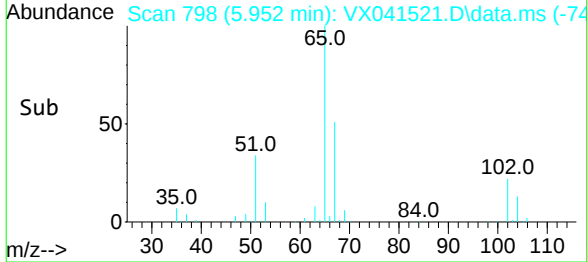
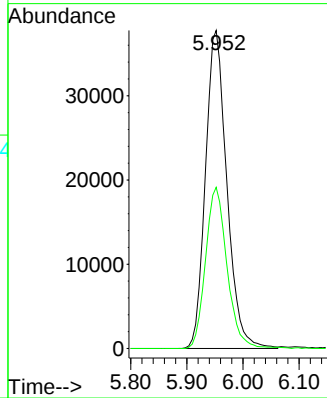
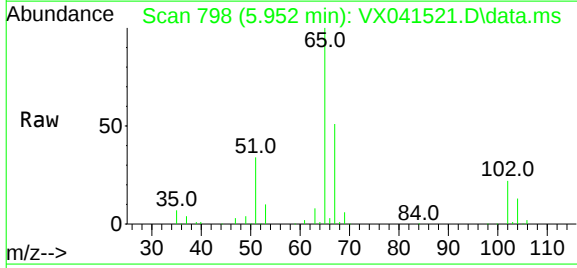
#33
1,2-Dichloroethane-d4
Concen: 53.614 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 65 Resp: 99952
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.2

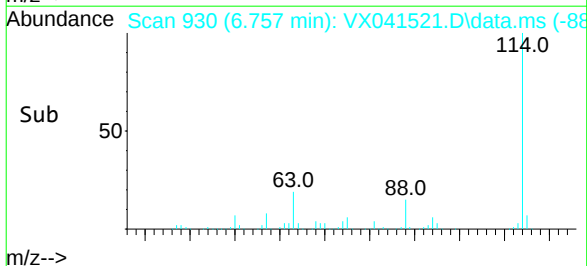
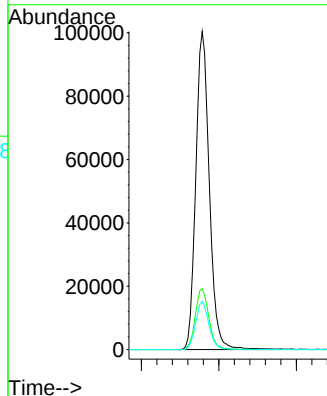
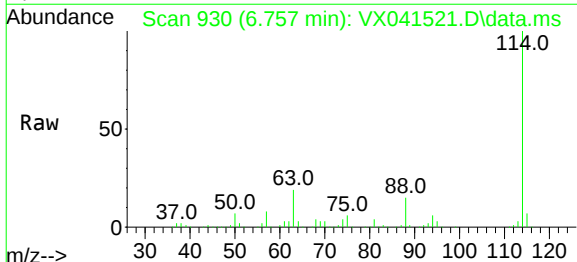
Manual Integrations
APPROVED

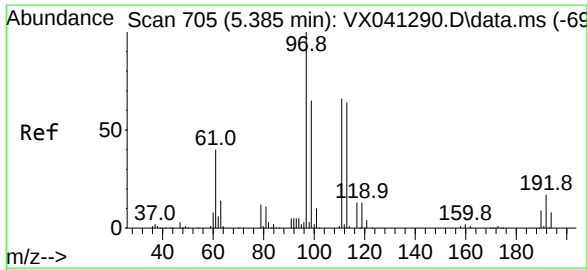
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

Tgt Ion:114 Resp: 243315
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 15.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.723 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX041521.D

Acq: 14 May 2024 15:59

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

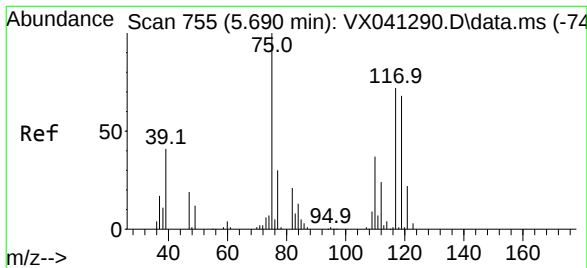
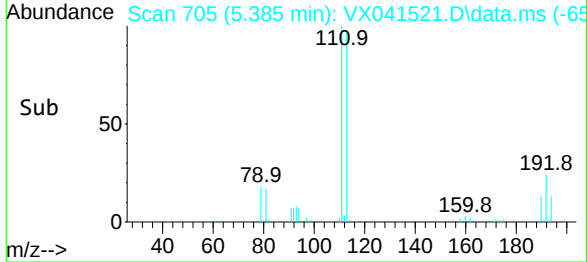
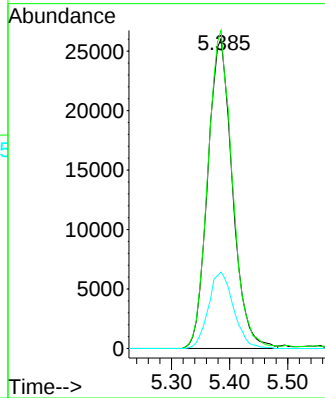
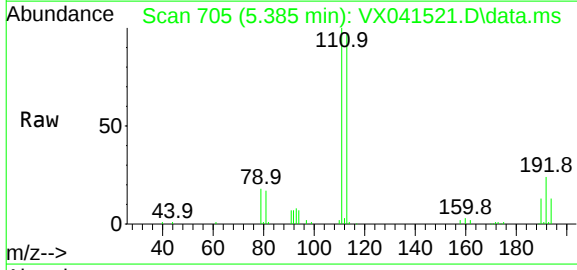
Tgt Ion:	113	Resp:	77041
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.9	124.3
192	25.0	13.3	19.9#

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#36

1,1-Dichloropropene

Concen: 0.579 ug/l

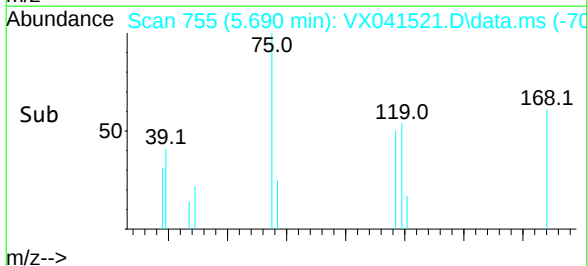
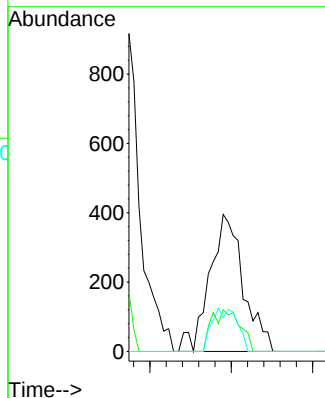
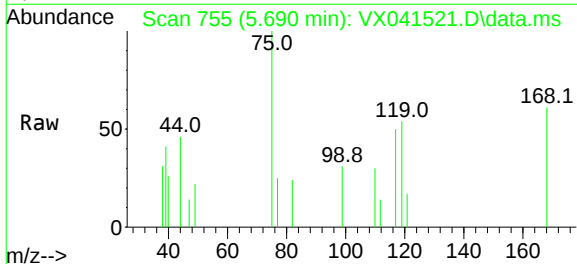
RT: 5.690 min Scan# 755

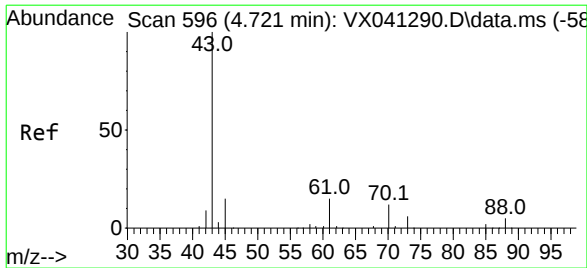
Delta R.T. 0.000 min

Lab File: VX041521.D

Acq: 14 May 2024 15:59

Tgt Ion:	75	Resp:	1141
Ion	Ratio	Lower	Upper
75	100		
110	25.6	17.0	50.9
77	23.8	24.7	37.1#





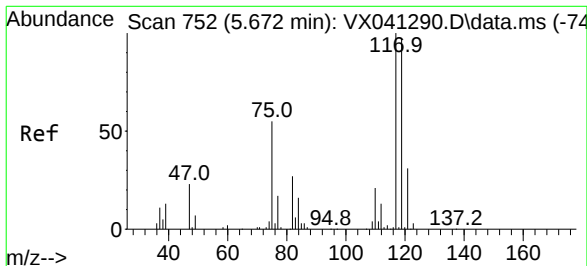
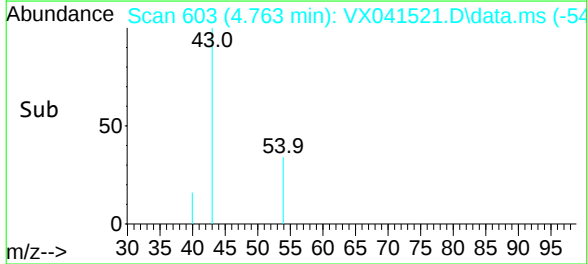
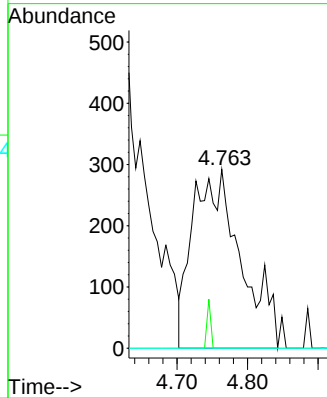
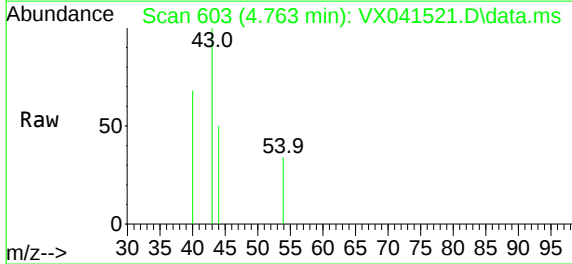
#37
Ethyl Acetate
Concen: 0.559 ug/l m
RT: 4.763 min Scan# 60
Delta R.T. 0.043 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

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

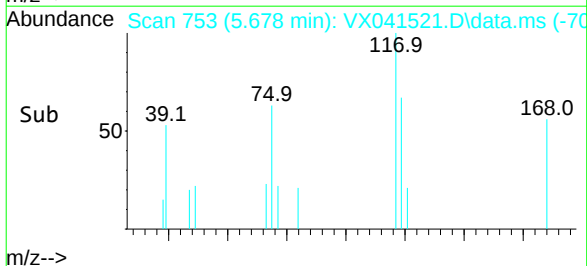
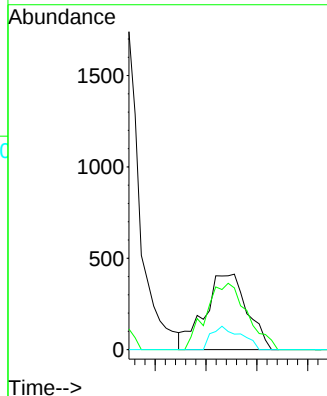
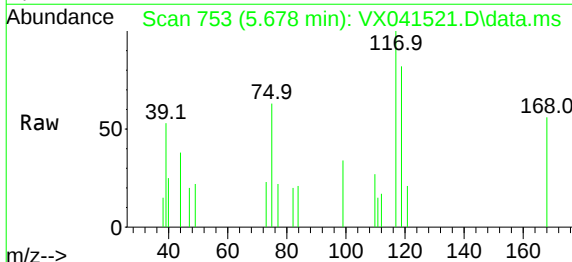
Manual Integrations
APPROVED

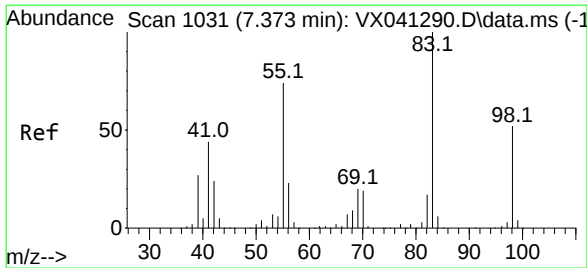
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#38
Carbon Tetrachloride
Concen: 0.528 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

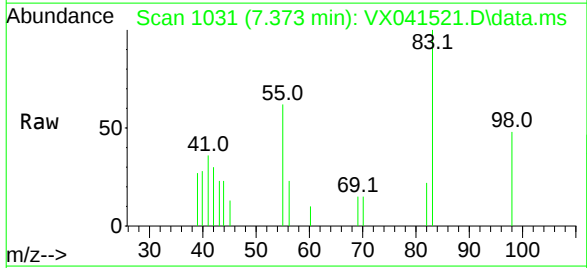
Tgt Ion	Ratio	Lower	Upper
117	100		
119	81.8	78.2	117.2
121	20.6	24.4	36.6





#39
Methylcyclohexane
Concen: 0.570 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

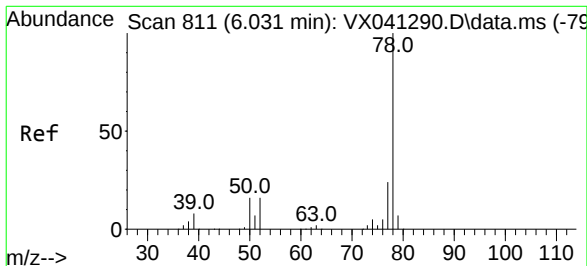
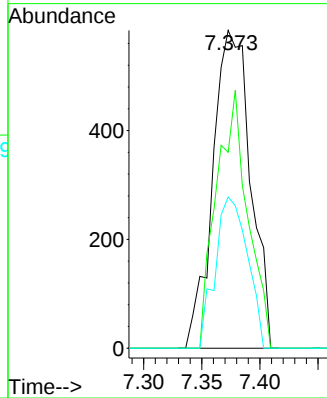
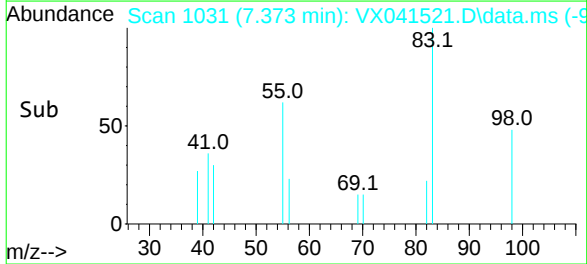
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



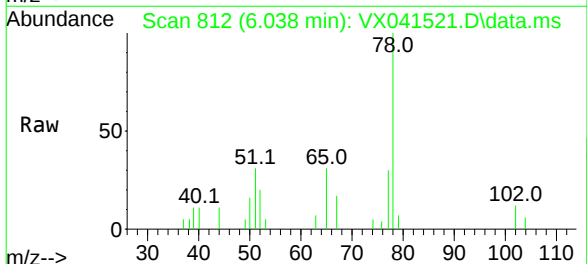
Tgt Ion: 83 Resp: 1321
Ion Ratio Lower Upper
83 100
55 61.6 64.6 97.0#
98 47.6 36.7 55.1

Manual Integrations
APPROVED

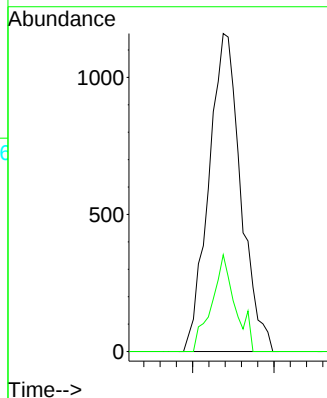
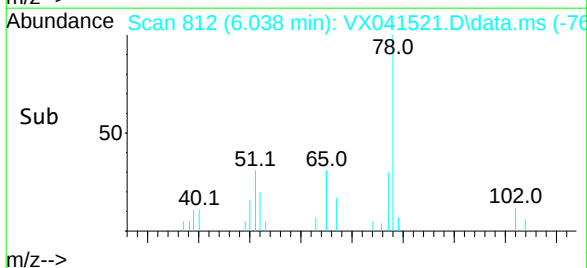
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

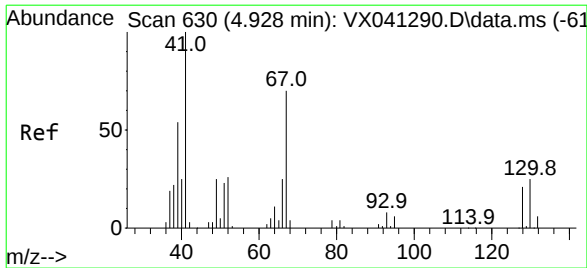


#40
Benzene
Concen: 0.523 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59



Tgt Ion: 78 Resp: 3177
Ion Ratio Lower Upper
78 100
77 30.4 19.3 28.9#





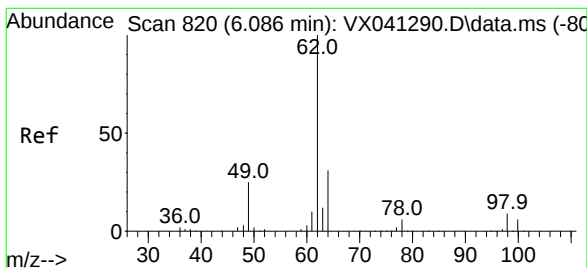
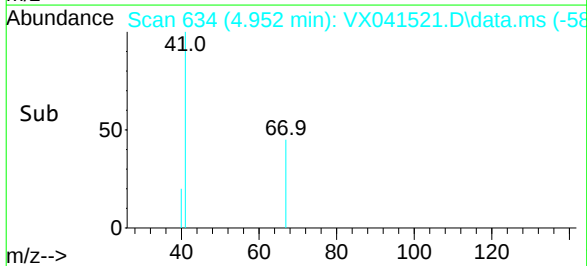
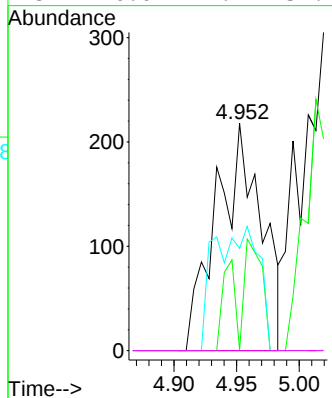
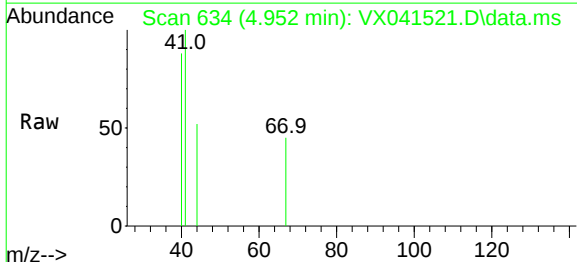
#41
Methacrylonitrile
Concen: 0.433 ug/l
RT: 4.952 min Scan# 631
Delta R.T. 0.025 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 41	Resp: 548
Ion Ratio	Lower Upper
41 100	
39 18.8	45.2 67.8#
67 0.0	52.6 78.8#
52 0.0	22.7 34.1#

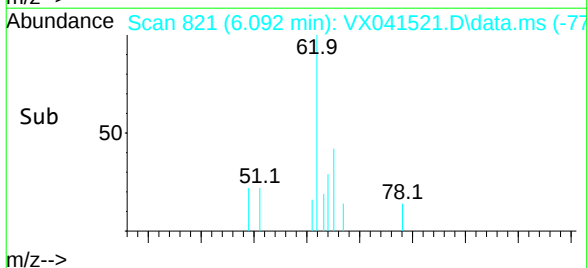
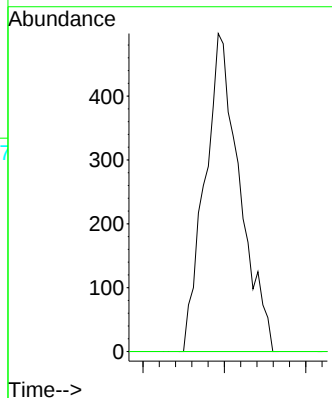
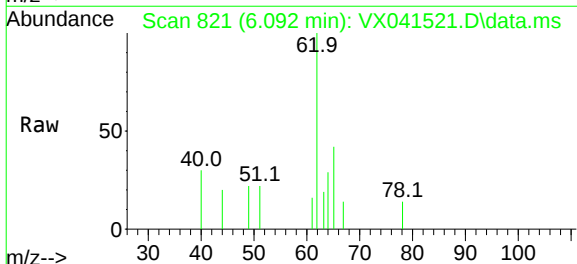
Manual Integrations
APPROVED

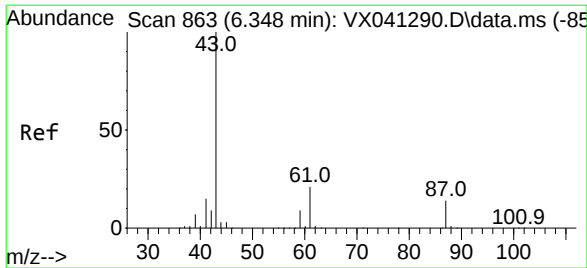
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#42
1,2-Dichloroethane
Concen: 0.664 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

Tgt Ion: 62	Resp: 1478
Ion Ratio	Lower Upper
62 100	
98 0.0	0.0 16.0





#43

Isopropyl Acetate

Concen: 0.500 ug/l

RT: 6.367 min Scan# 86

Delta R.T. 0.018 min

Lab File: VX041521.D

Acq: 14 May 2024 15:59

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

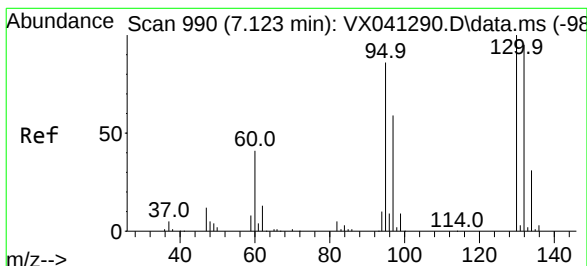
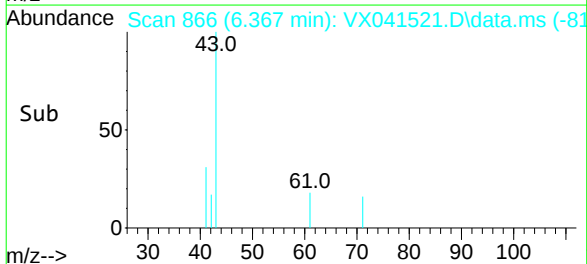
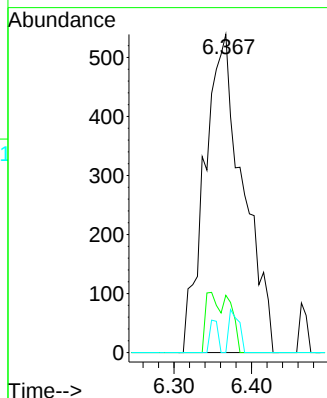
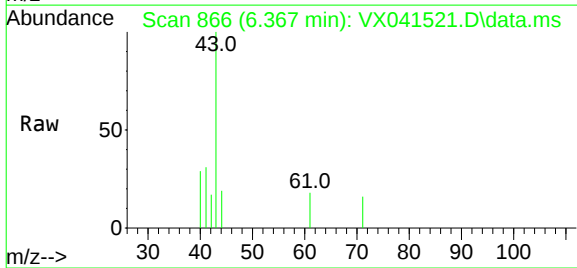
Tgt Ion:	43	Resp:	1850
Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.2	22.8#
87	3.6	9.8	14.6#

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#44

Trichloroethene

Concen: 0.603 ug/l

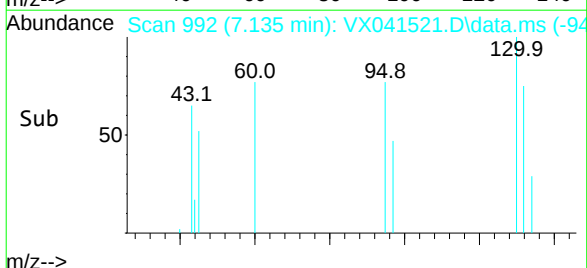
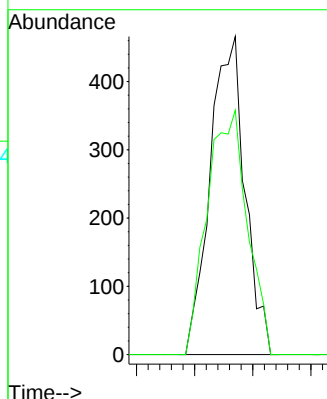
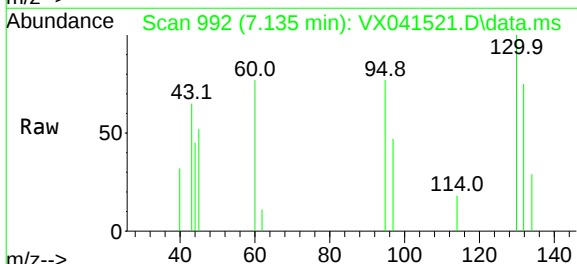
RT: 7.135 min Scan# 992

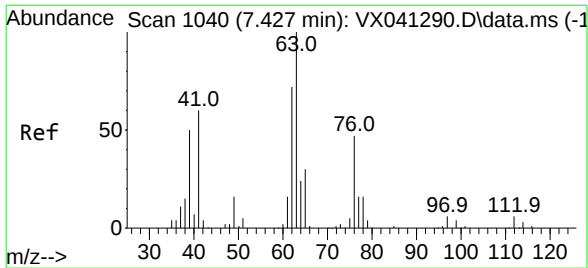
Delta R.T. 0.012 min

Lab File: VX041521.D

Acq: 14 May 2024 15:59

Tgt Ion:	130	Resp:	968
Ion	Ratio	Lower	Upper
130	100		
95	76.8	0.0	204.4





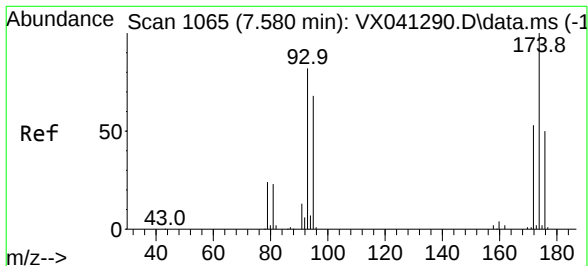
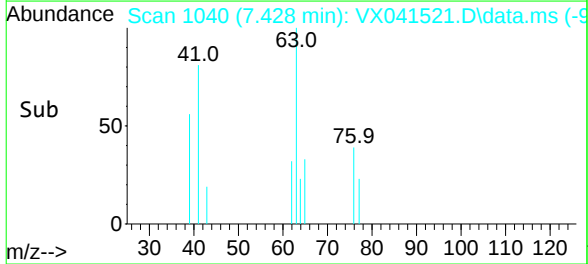
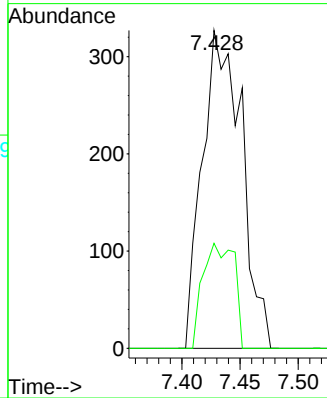
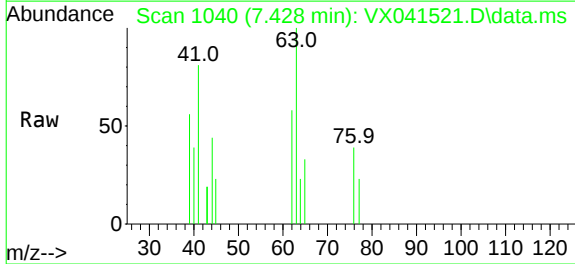
#45
1,2-Dichloropropane
Concen: 0.567 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 63 Resp: 770
Ion Ratio Lower Upper
63 100
65 33.0 24.3 36.5

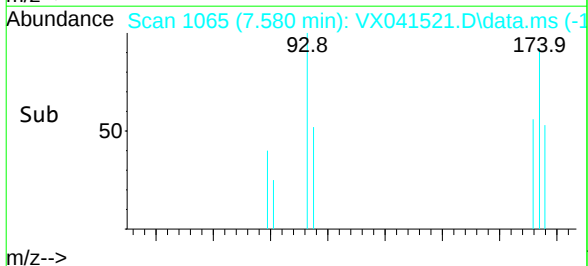
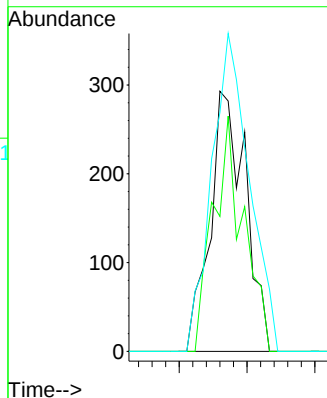
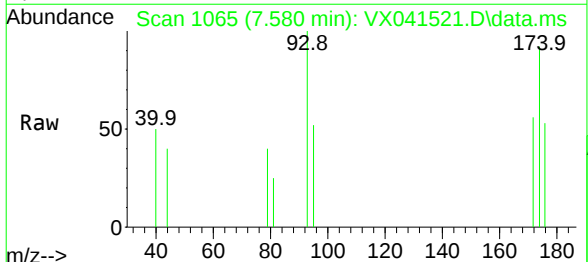
Manual Integrations
APPROVED

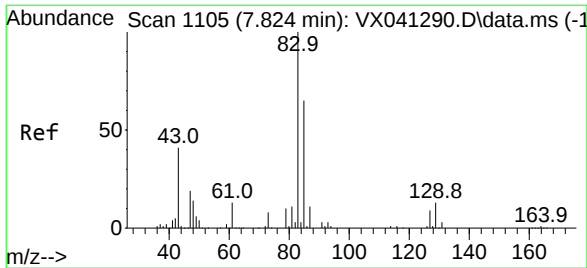
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#46
Dibromomethane
Concen: 0.491 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

Tgt Ion: 93 Resp: 531
Ion Ratio Lower Upper
93 100
95 77.6 66.6 100.0
174 130.1 69.4 104.0#





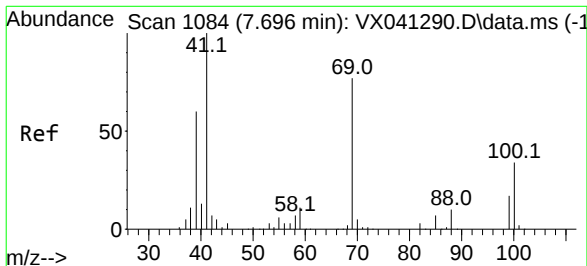
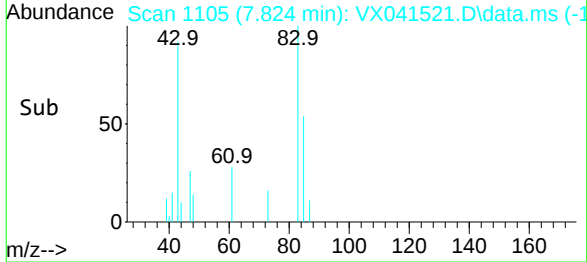
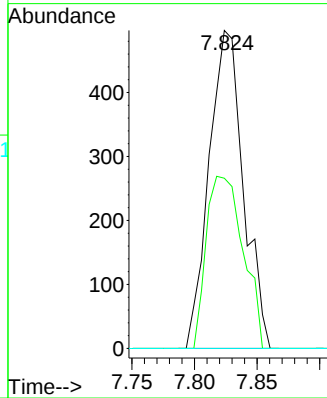
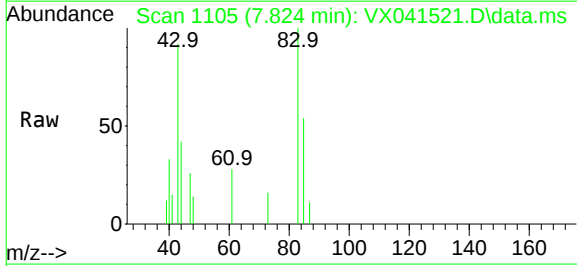
#47
Bromodichloromethane
Concen: 0.493 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 83	Resp: 949
Ion Ratio	Lower Upper
83 100	
85 53.5	49.8 74.6
127 0.0	7.1 10.7

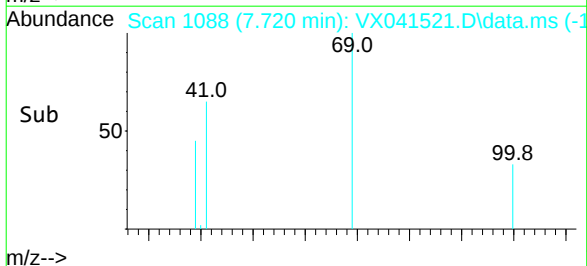
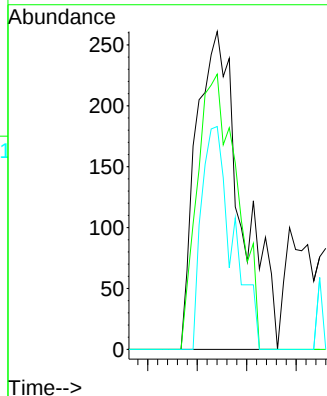
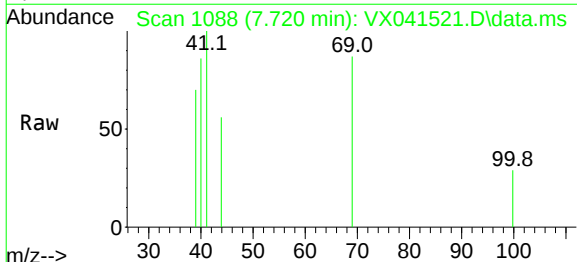
Manual Integrations
APPROVED

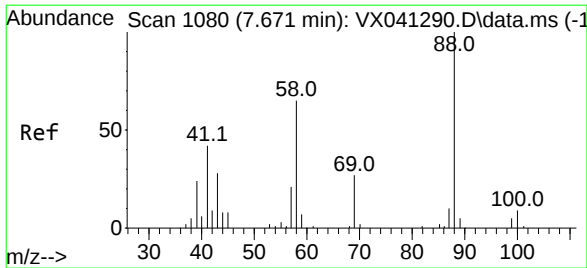
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#48
Methyl methacrylate
Concen: 0.484 ug/l m
RT: 7.720 min Scan# 1088
Delta R.T. 0.025 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

Tgt Ion: 41	Resp: 821
Ion Ratio	Lower Upper
41 100	
69 76.9	59.2 88.8
39 48.7	47.7 71.5





#49

1,4-Dioxane

Concen: 5.892 ug/l

RT: 7.690 min Scan# 1080

Delta R.T. 0.018 min

Lab File: VX041521.D

Acq: 14 May 2024 15:59

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

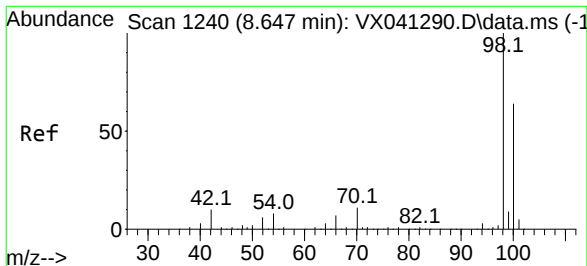
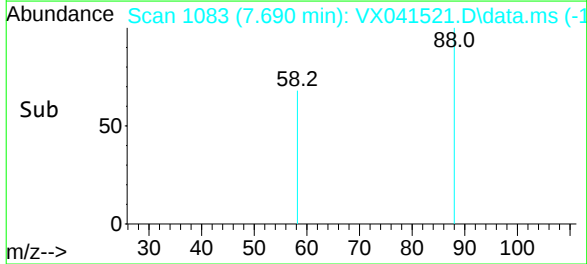
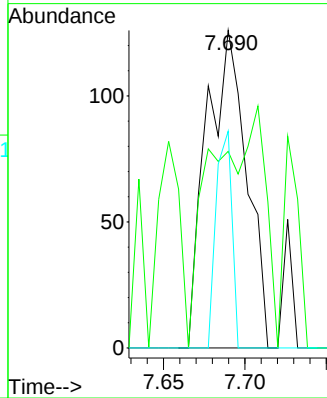
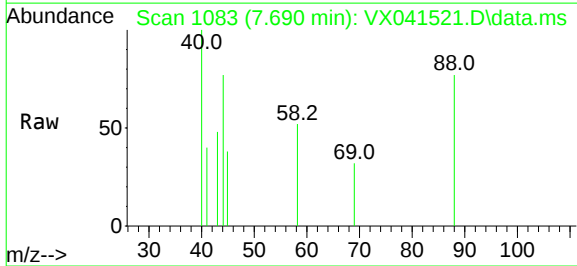
Tgt Ion:	88	Resp:	216
Ion	Ratio	Lower	Upper
88	100		
43	60.6	0.0	0.0
58	26.9	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#50

Toluene-d8

Concen: 51.870 ug/l

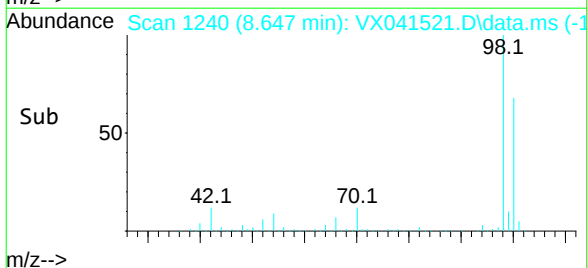
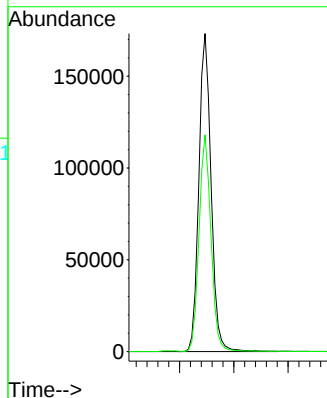
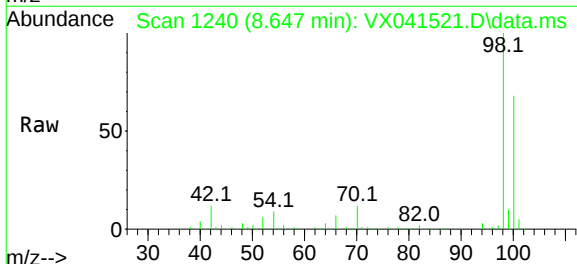
RT: 8.647 min Scan# 1240

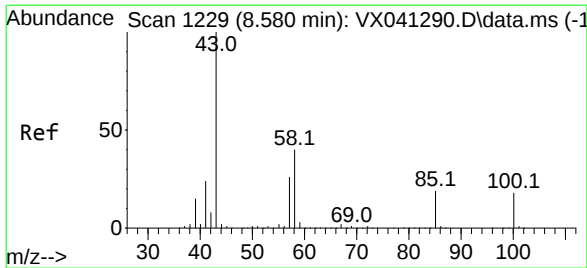
Delta R.T. 0.000 min

Lab File: VX041521.D

Acq: 14 May 2024 15:59

Tgt Ion:	98	Resp:	270703
Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 2.647 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VX041521.D

Acq: 14 May 2024 15:59

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 43 Resp: 5874

Ion Ratio Lower Upper

43 100

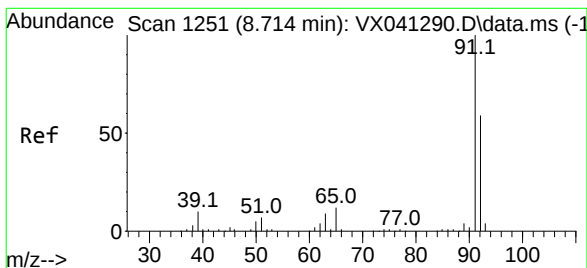
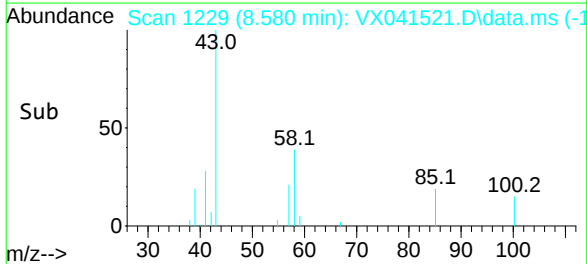
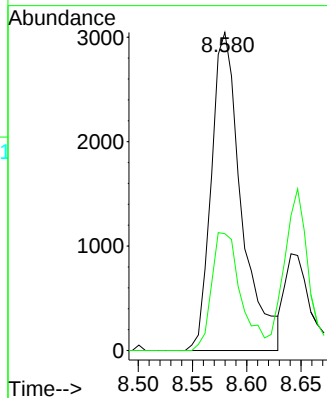
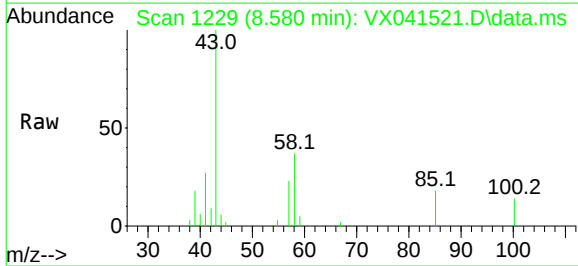
58 35.9 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#52

Toluene

Concen: 0.571 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX041521.D

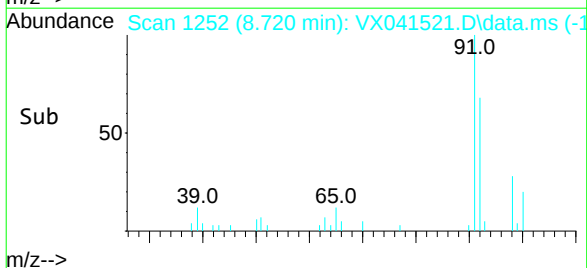
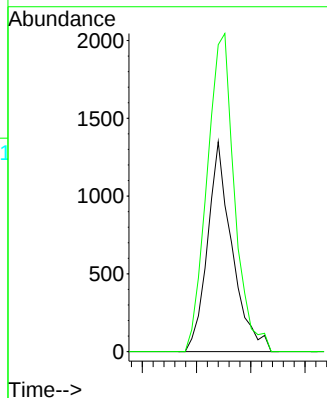
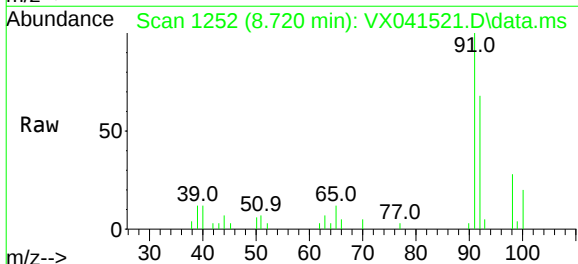
Acq: 14 May 2024 15:59

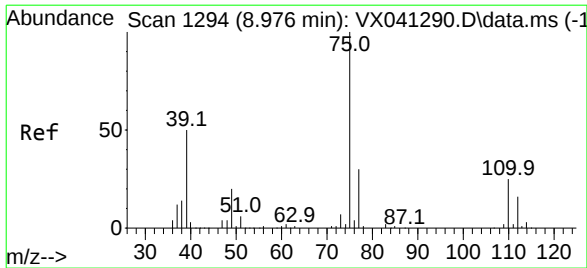
Tgt Ion: 92 Resp: 2123

Ion Ratio Lower Upper

92 100

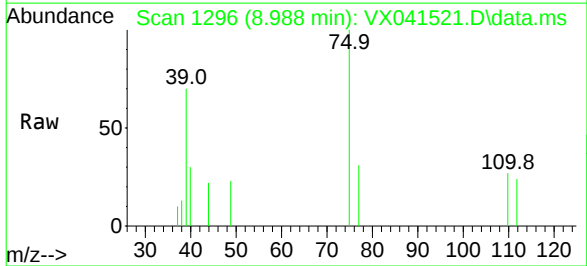
91 169.5 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 0.463 ug/l
RT: 8.988 min Scan# 1294
Delta R.T. 0.012 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

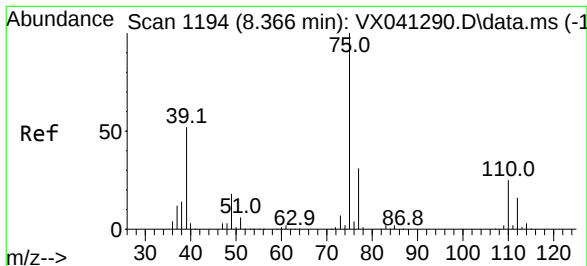
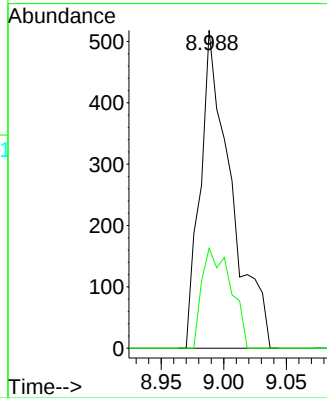
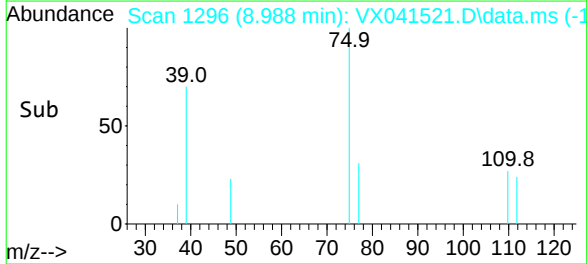
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



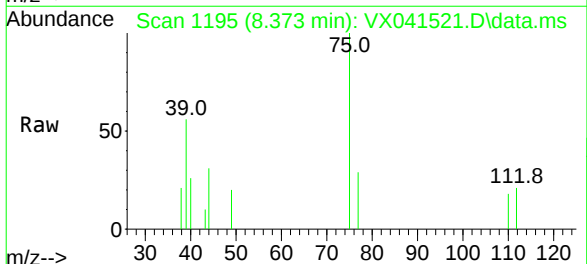
Tgt Ion: 75 Resp: 883
Ion Ratio Lower Upper
75 100
77 31.5 25.7 38.5

Manual Integrations
APPROVED

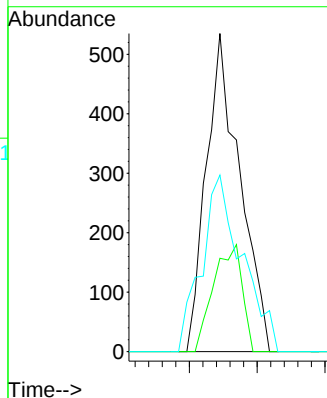
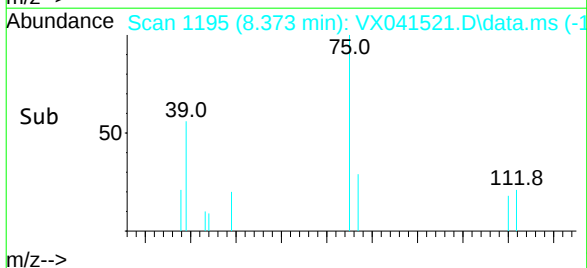
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

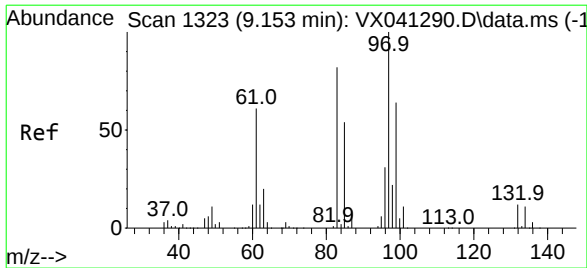


#54
cis-1,3-Dichloropropene
Concen: 0.434 ug/l
RT: 8.373 min Scan# 1195
Delta R.T. 0.007 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59



Tgt Ion: 75 Resp: 919
Ion Ratio Lower Upper
75 100
77 29.3 25.3 37.9
39 55.5 46.7 70.1





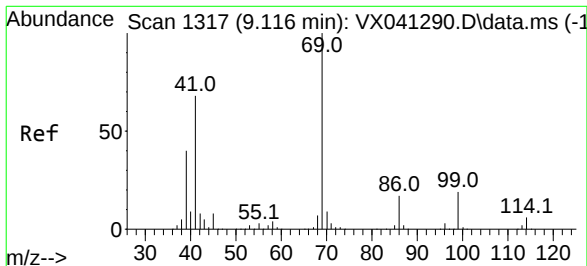
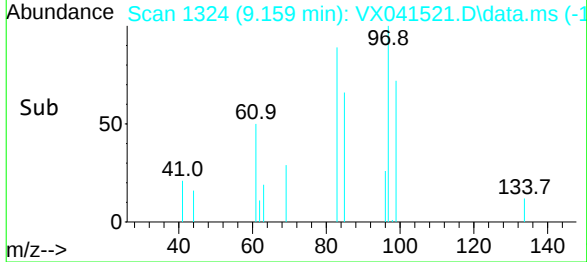
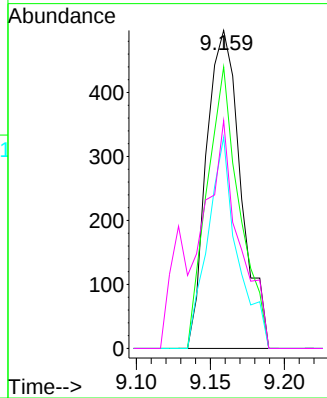
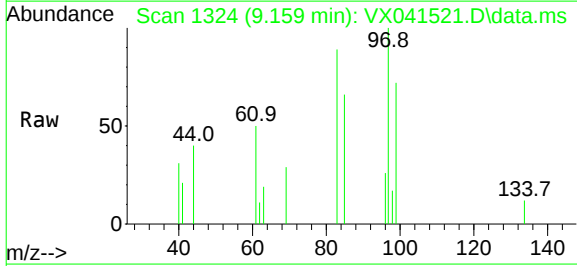
#55
1,1,2-Trichloroethane
Concen: 0.562 ug/l
RT: 9.159 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.5	65.8	98.8
85	66.4	41.6	62.4#
99	71.6	47.8	71.8

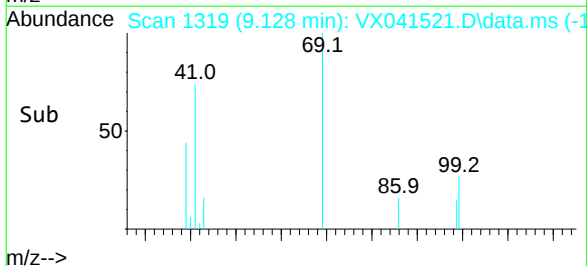
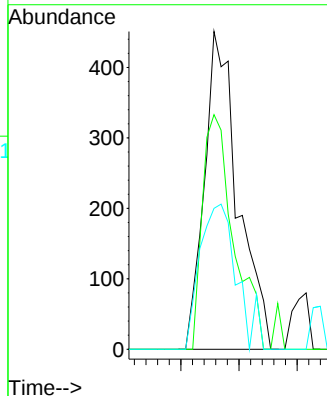
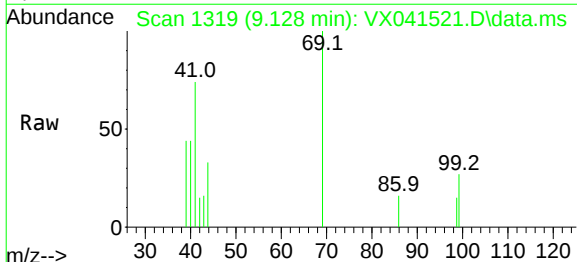
Manual Integrations
APPROVED

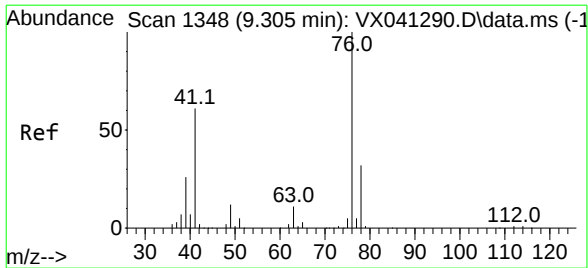
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#56
Ethyl methacrylate
Concen: 0.407 ug/l
RT: 9.128 min Scan# 1319
Delta R.T. 0.012 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

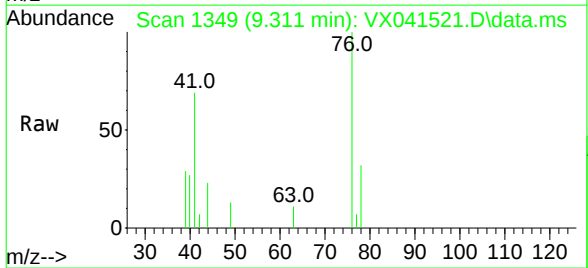
Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.7	56.8	85.2
39	50.1	32.0	48.0#





#57
1,3-Dichloropropane
Concen: 0.559 ug/l
RT: 9.311 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

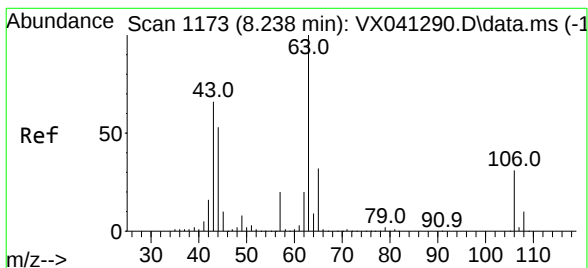
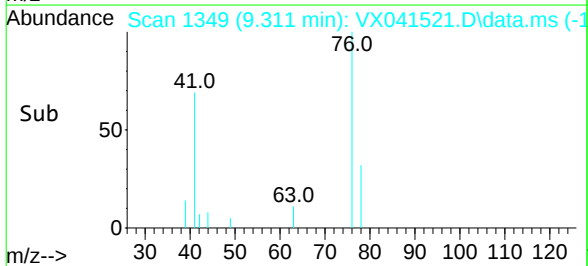
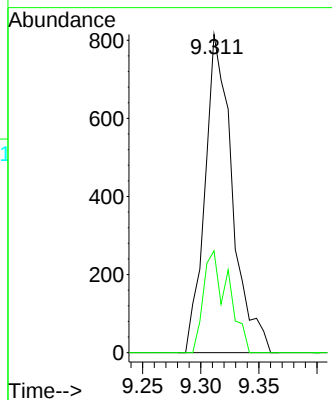
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 76 Resp: 1335
Ion Ratio Lower Upper
76 100
78 29.1 26.1 39.1

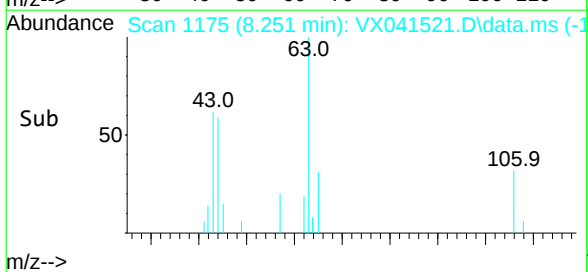
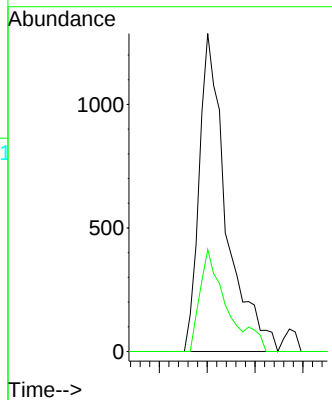
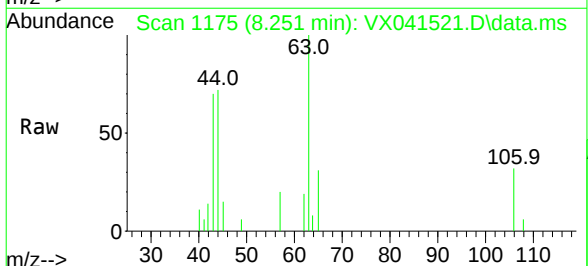
Manual Integrations
APPROVED

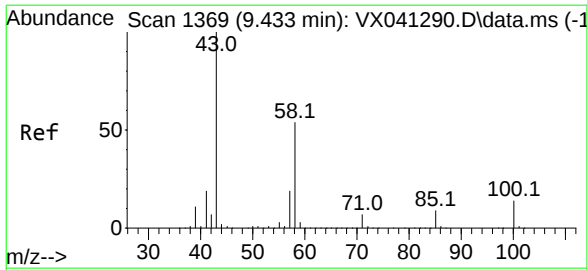
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#58
2-Chloroethyl Vinyl ether
Concen: 2.354 ug/l
RT: 8.251 min Scan# 1175
Delta R.T. 0.013 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

Tgt Ion: 63 Resp: 2529
Ion Ratio Lower Upper
63 100
106 31.8 22.5 33.7





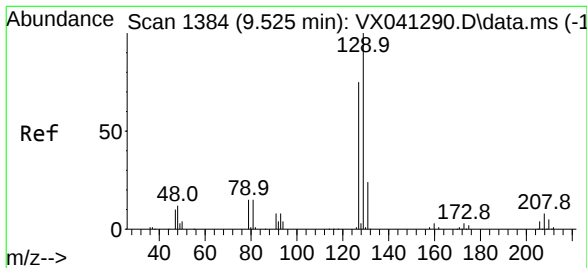
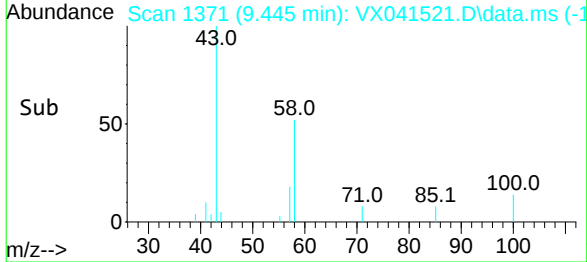
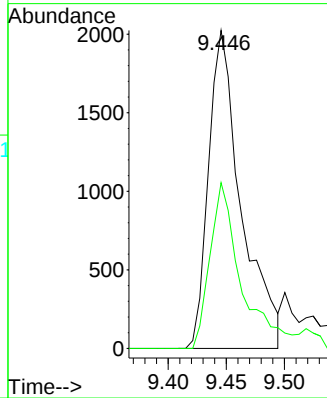
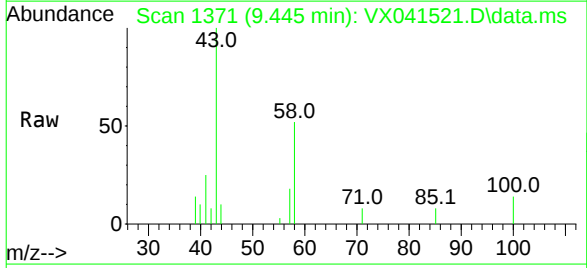
#59
2-Hexanone
Concen: 2.233 ug/l
RT: 9.445 min Scan# 1369
Delta R.T. 0.012 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 43 Resp: 3963
Ion Ratio Lower Upper
43 100
58 49.7 26.2 78.5

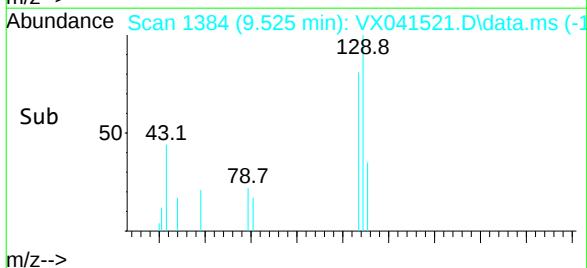
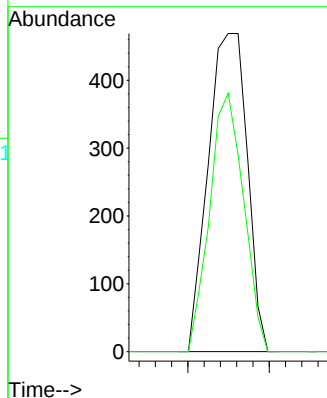
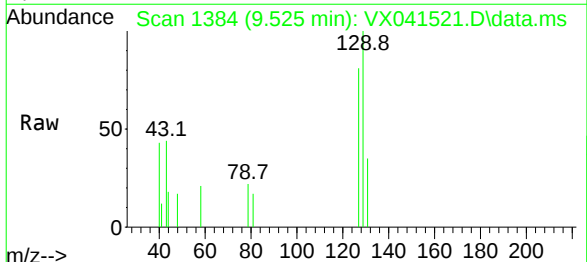
Manual Integrations
APPROVED

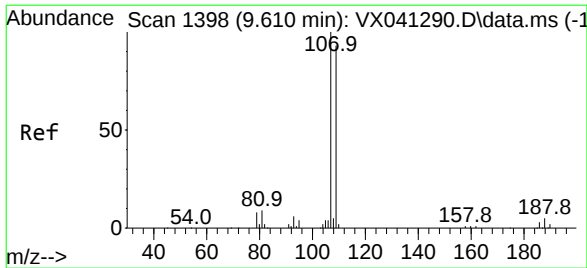
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#60
Dibromochloromethane
Concen: 0.465 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

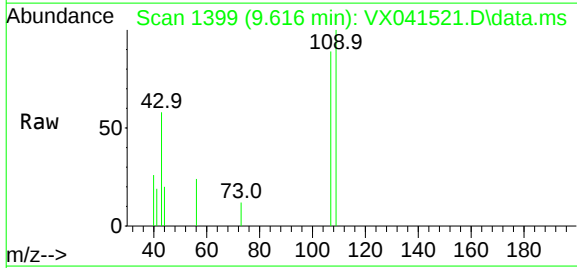
Tgt Ion:129 Resp: 783
Ion Ratio Lower Upper
129 100
127 70.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 0.533 ug/l
RT: 9.616 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

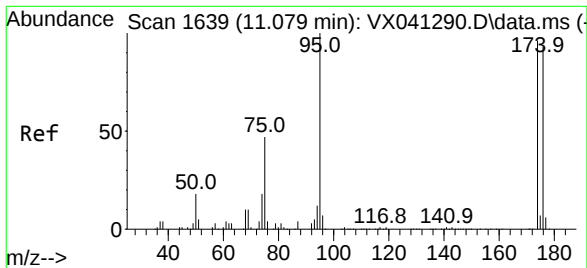
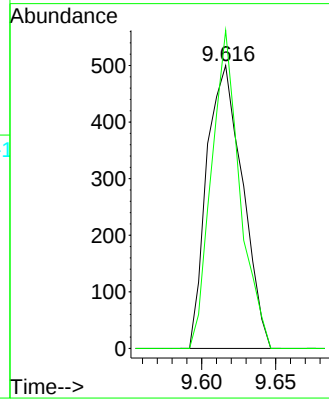
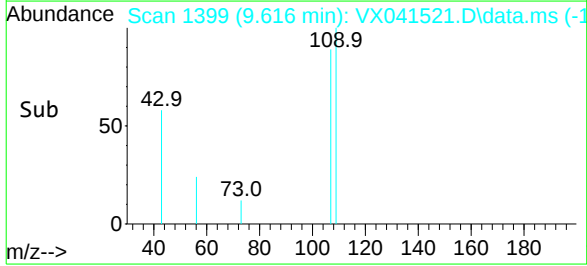
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024



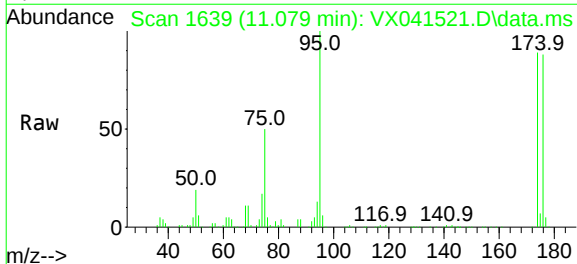
Tgt Ion: 107 Resp: 840
Ion Ratio Lower Upper
107 100
109 89.2 75.2 112.8

Manual Integrations
APPROVED

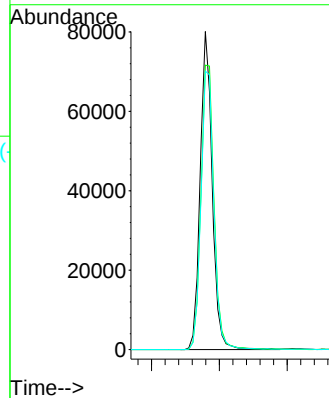
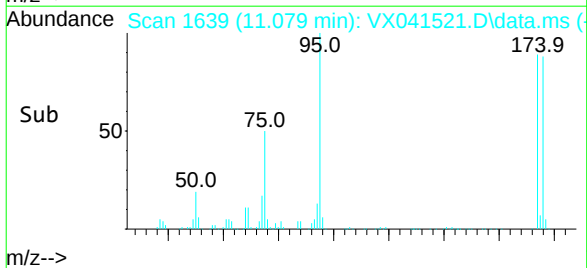
Reviewed By : John Carlone 05/15/2024
Supervised By : Mahesh Dadoda 05/15/2024

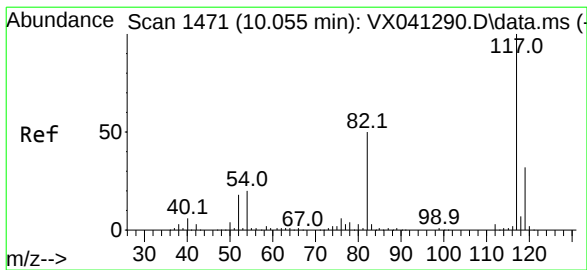


#62
4-Bromofluorobenzene
Concen: 48.846 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59



Tgt Ion: 95 Resp: 98680
Ion Ratio Lower Upper
95 100
174 97.1 0.0 135.6
176 93.9 0.0 131.0





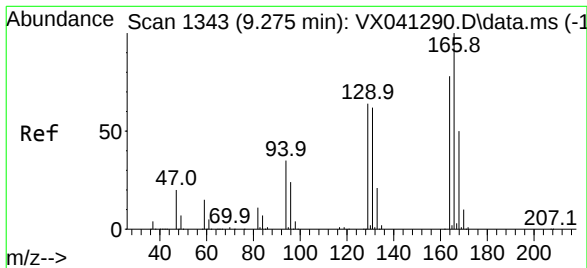
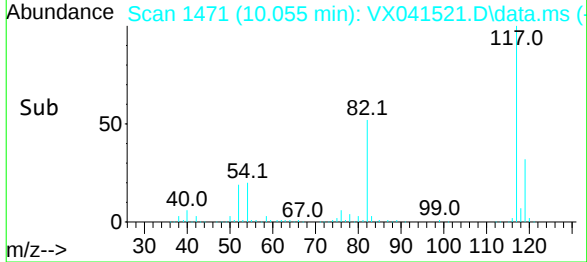
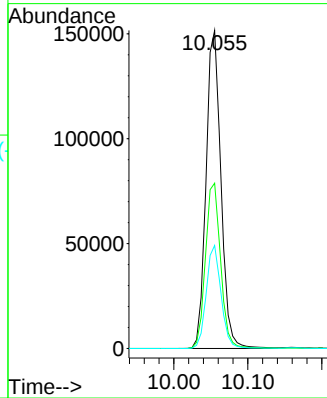
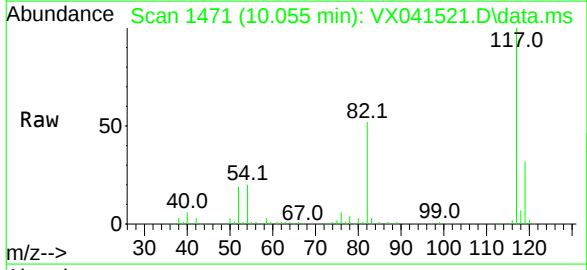
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion:	117	Resp:	211728
Ion	Ratio	Lower	Upper
117	100		
82	52.0	46.2	69.4
119	32.4	25.5	38.3

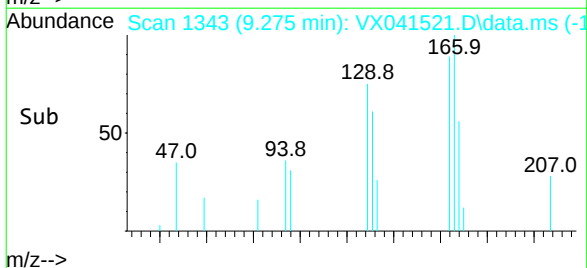
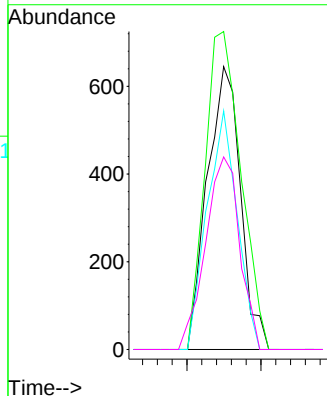
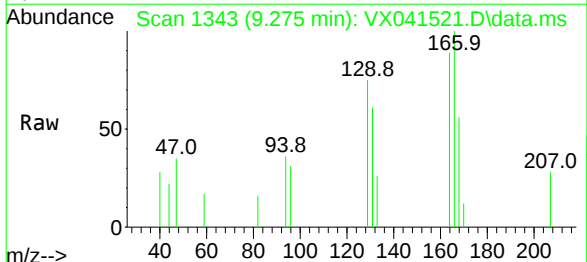
Manual Integrations
APPROVED

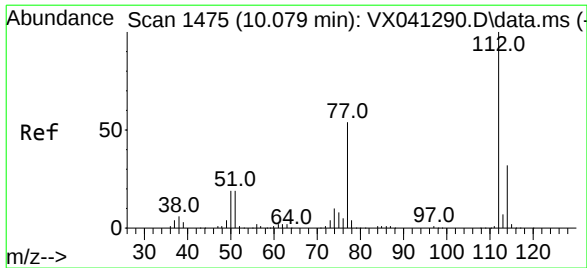
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#64
Tetrachloroethene
Concen: 0.654 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

Tgt Ion:	164	Resp:	1003
Ion	Ratio	Lower	Upper
164	100		
166	112.4	102.7	154.1
129	84.3	80.4	120.6
131	68.1	76.5	114.7





#65

Chlorobenzene

Concen: 0.556 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX041521.D

Acq: 14 May 2024 15:59

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

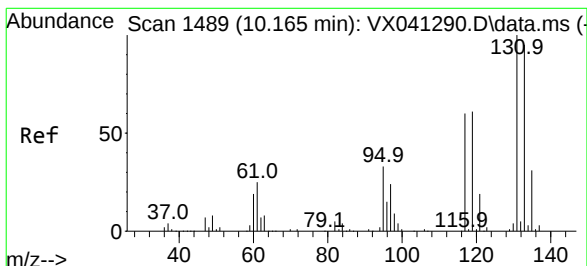
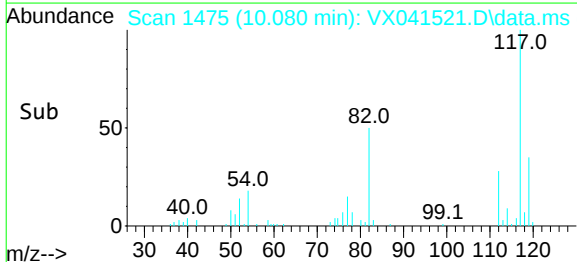
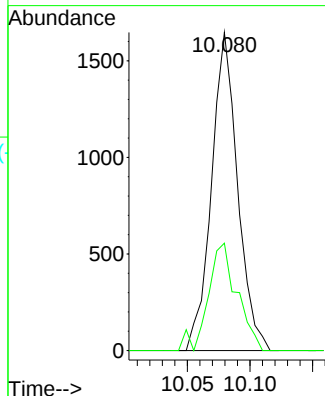
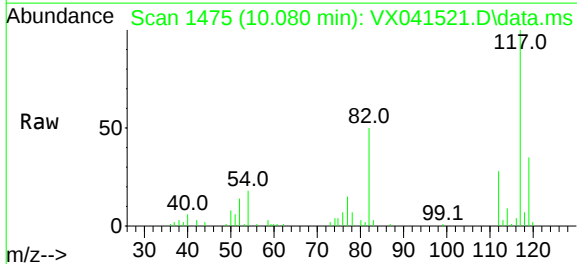
Tgt Ion:112 Resp: 2396
 Ion Ratio Lower Upper
 112 100
 114 33.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 0.471 ug/l

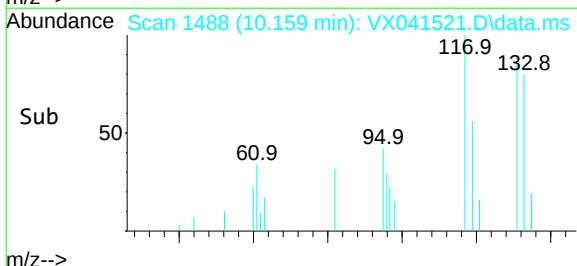
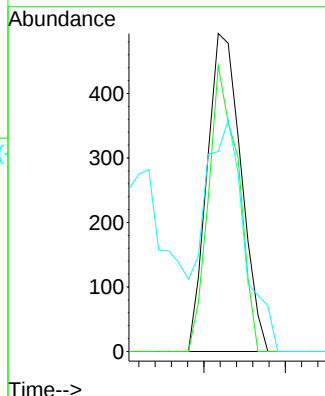
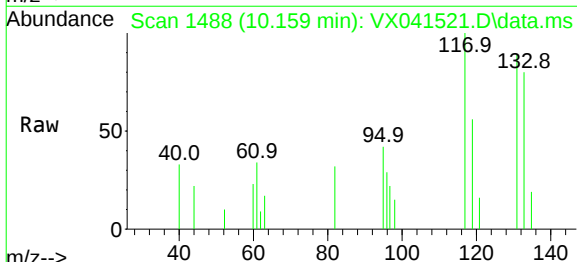
RT: 10.159 min Scan# 1488

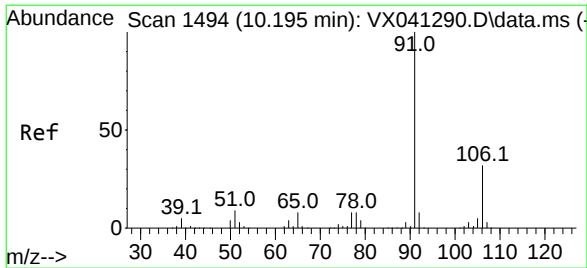
Delta R.T. -0.006 min

Lab File: VX041521.D

Acq: 14 May 2024 15:59

Tgt Ion:131 Resp: 715
 Ion Ratio Lower Upper
 131 100
 133 78.2 47.1 141.4
 119 0.0 32.2 96.6#





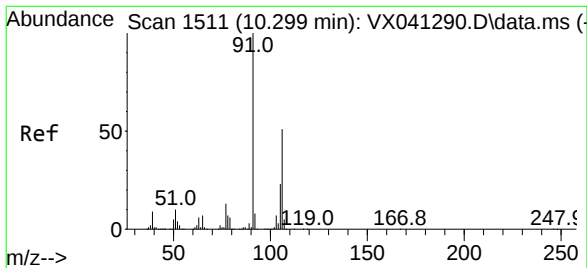
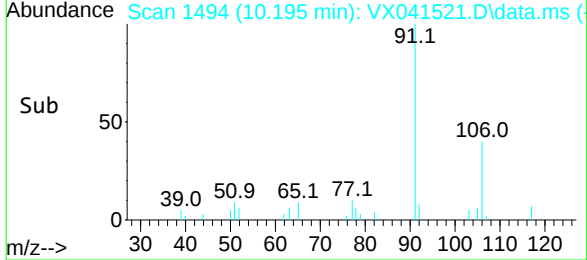
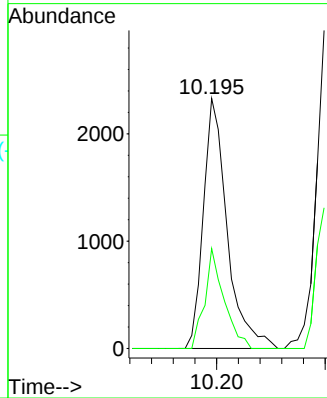
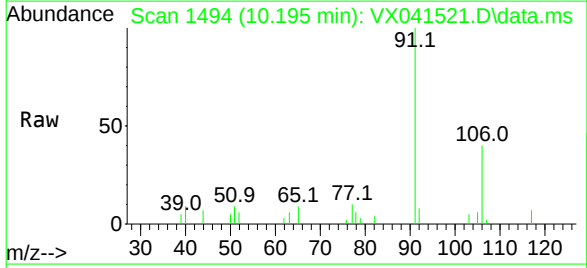
#67
Ethyl Benzene
Concen: 0.501 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 91 Resp: 3554
Ion Ratio Lower Upper
91 100
106 40.0 24.9 37.3#

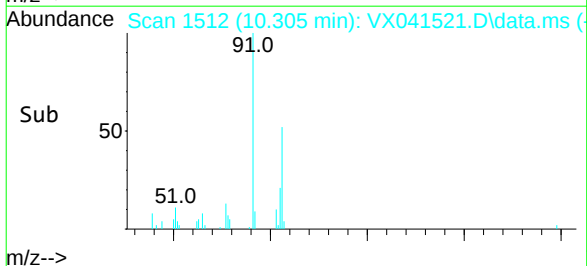
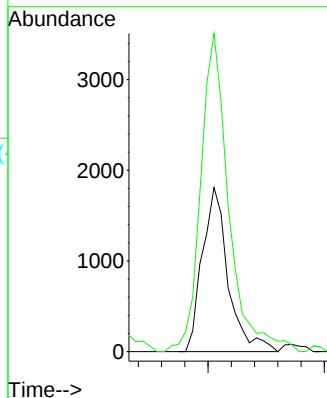
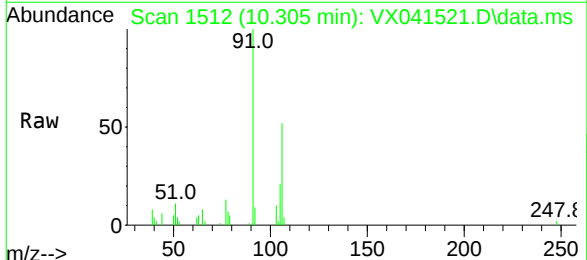
Manual Integrations
APPROVED

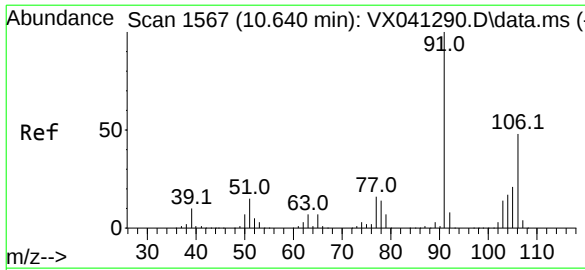
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#68
m/p-Xylenes
Concen: 0.983 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

Tgt Ion:106 Resp: 2792
Ion Ratio Lower Upper
106 100
91 210.2 165.5 248.3





#69

o-Xylene

Concen: 0.531 ug/l

RT: 10.647 min Scan# 15

Delta R.T. 0.006 min

Lab File: VX041521.D

Acq: 14 May 2024 15:59

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion:106 Resp: 1443

Ion Ratio Lower Upper

106 100

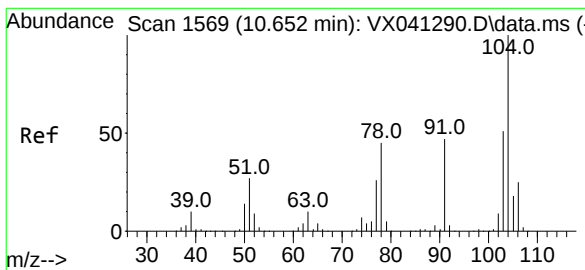
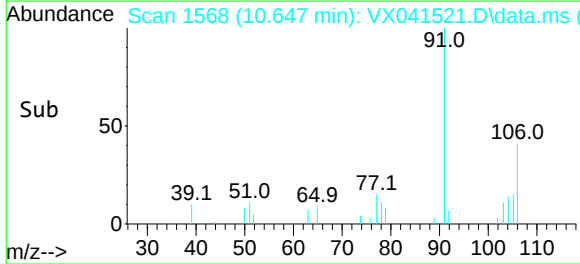
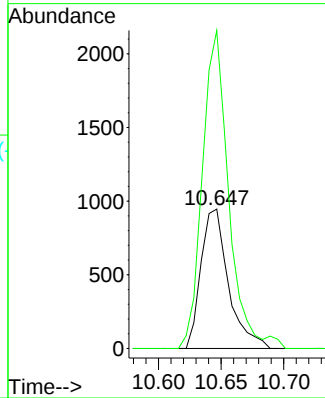
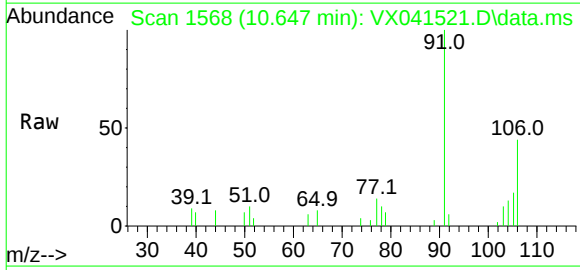
91 218.0 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#70

Styrene

Concen: 0.479 ug/l

RT: 10.665 min Scan# 1571

Delta R.T. 0.012 min

Lab File: VX041521.D

Acq: 14 May 2024 15:59

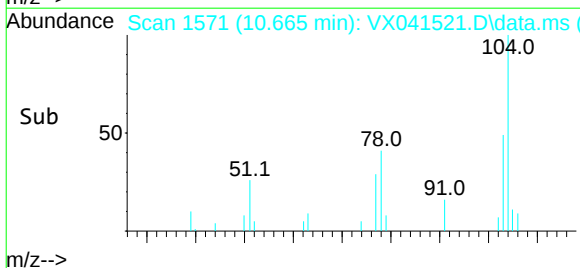
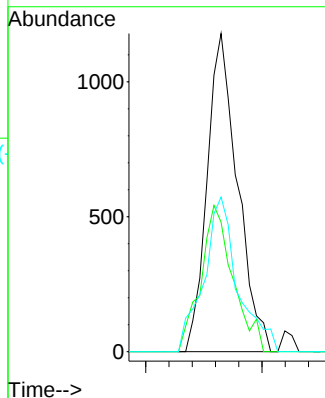
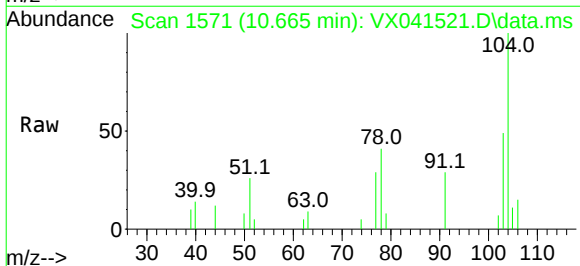
Tgt Ion:104 Resp: 2139

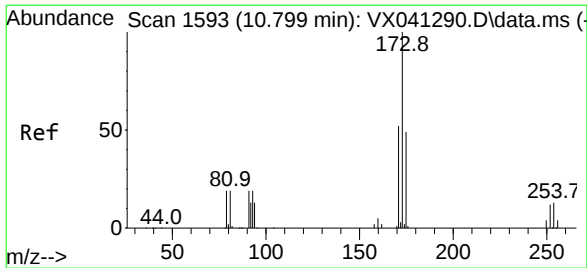
Ion Ratio Lower Upper

104 100

78 48.7 43.6 65.4

103 54.4 43.6 65.4





#71

Bromoform

Concen: 0.539 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX041521.D

Acq: 14 May 2024 15:59

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

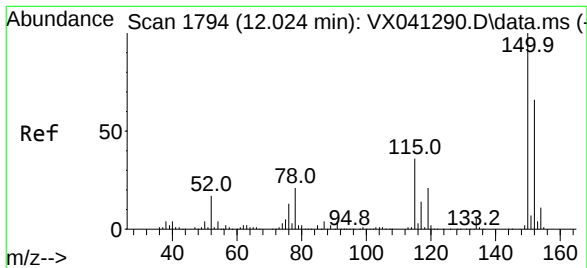
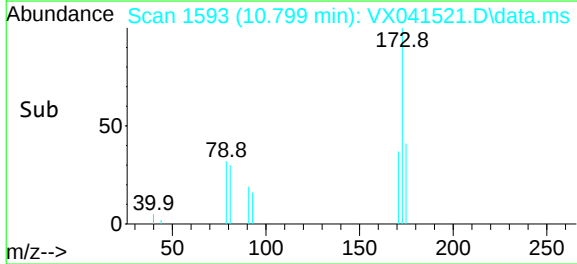
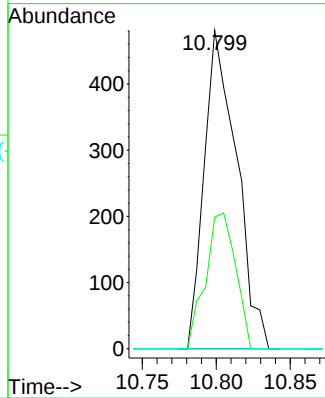
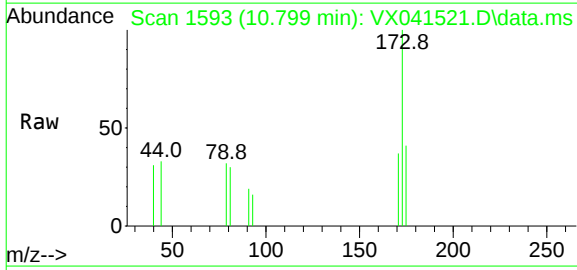
Tgt Ion	Ratio	Lower	Upper
173	100		
175	39.7	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

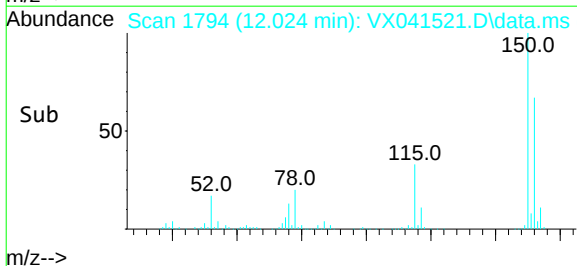
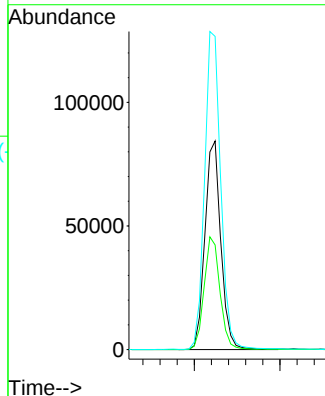
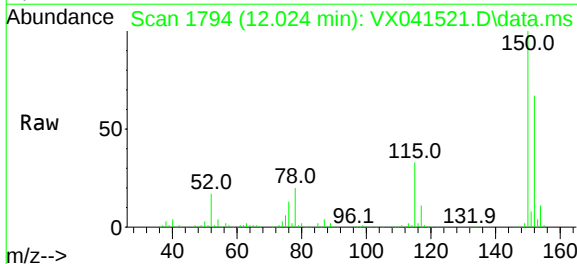
RT: 12.024 min Scan# 1794

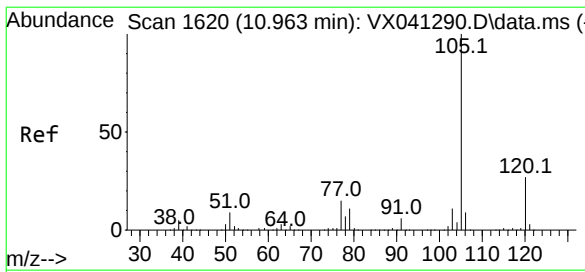
Delta R.T. 0.000 min

Lab File: VX041521.D

Acq: 14 May 2024 15:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.9	43.3	129.9
150	154.3	0.0	345.0





#73

Isopropylbenzene

Concen: 0.496 ug/l

RT: 10.964 min Scan# 1601

Delta R.T. 0.000 min

Lab File: VX041521.D

Acq: 14 May 2024 15:59

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

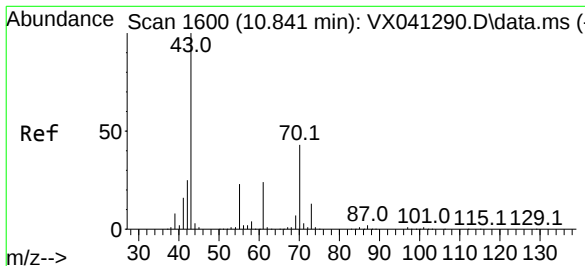
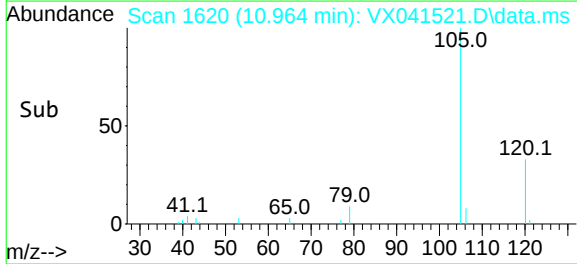
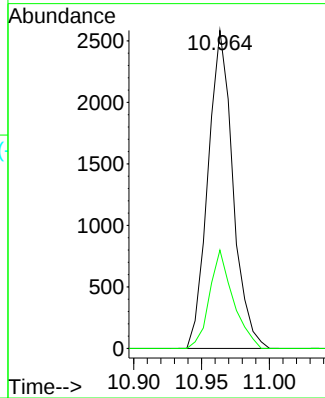
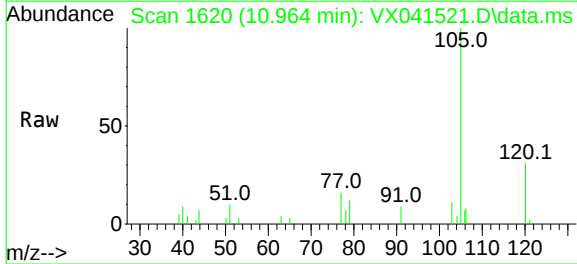
Tgt Ion:	105	Resp:	3301
Ion Ratio	Lower	Upper	
105	100		
120	29.4	12.9	38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#74

N-ethyl acetate

Concen: 0.461 ug/l

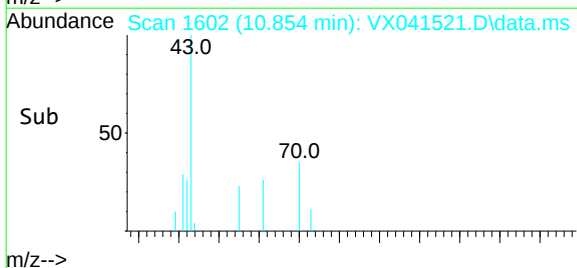
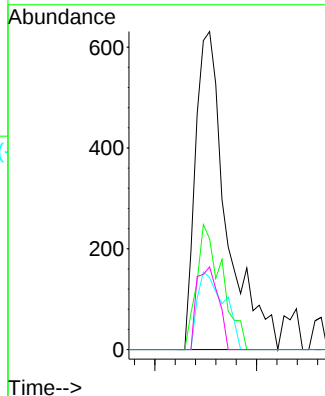
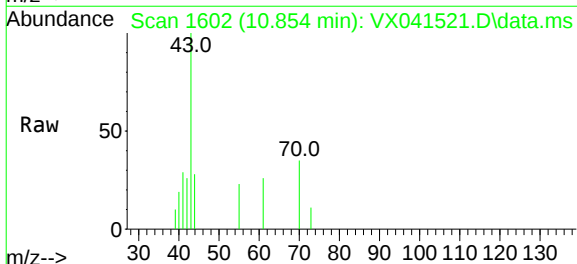
RT: 10.854 min Scan# 1602

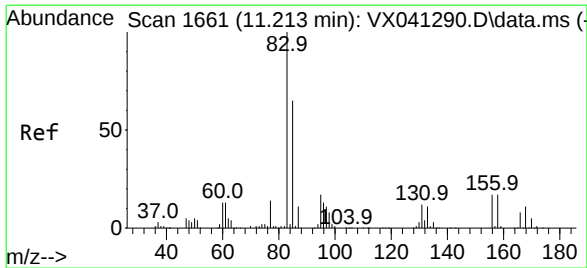
Delta R.T. 0.012 min

Lab File: VX041521.D

Acq: 14 May 2024 15:59

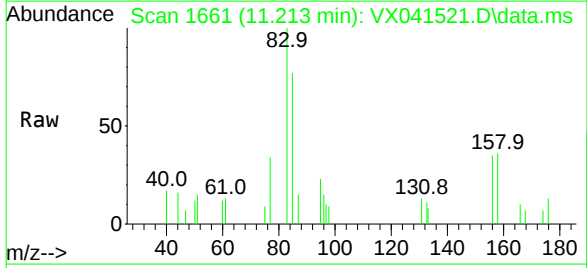
Tgt Ion:	43	Resp:	1339
Ion Ratio	Lower	Upper	
43	100		
70	32.4	32.9	49.3#
55	20.9	19.3	28.9
61	18.0	18.8	28.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 0.574 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

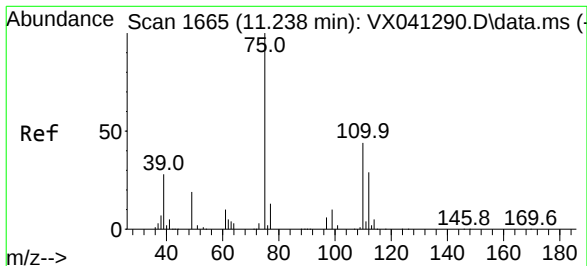
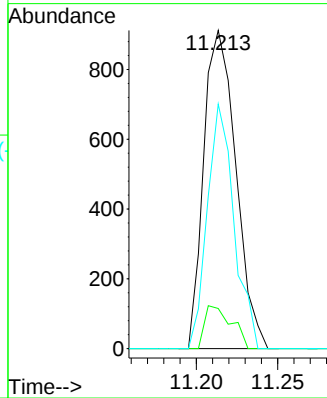
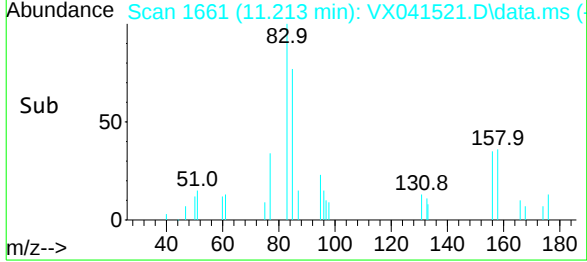
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



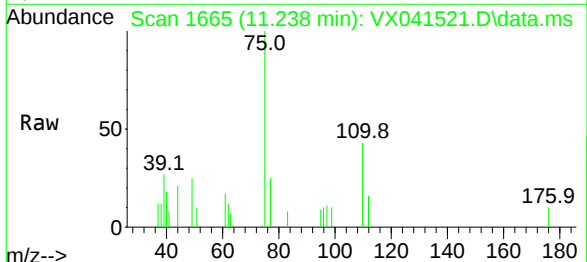
Tgt Ion: 83 Resp: 1252
Ion Ratio Lower Upper
83 100
131 11.2 5.3 15.8
85 63.7 32.0 96.2

Manual Integrations
APPROVED

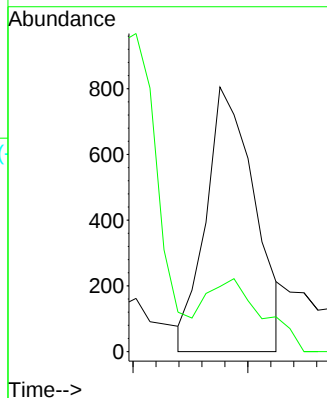
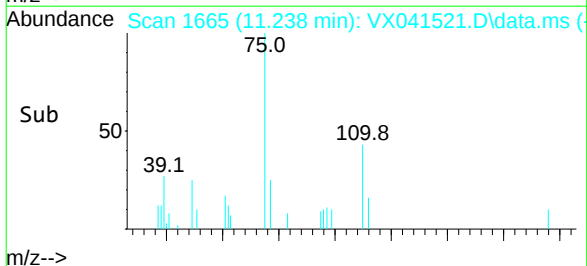
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

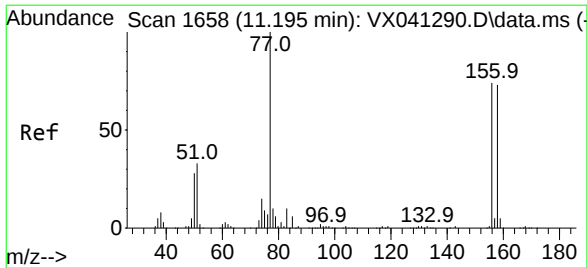


#76
1,2,3-Trichloropropane
Concen: 0.667 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59



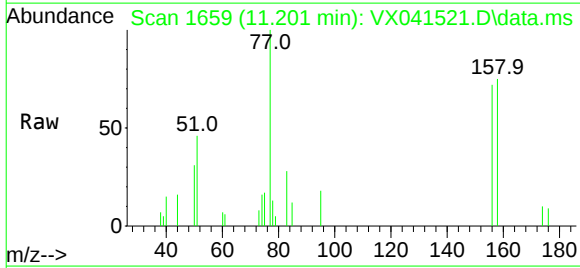
Tgt Ion: 75 Resp: 1185
Ion Ratio Lower Upper
75 100
77 52.7 19.1 57.5





#77
Bromobenzene
Concen: 0.537 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

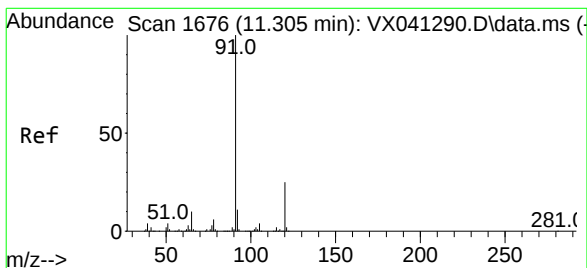
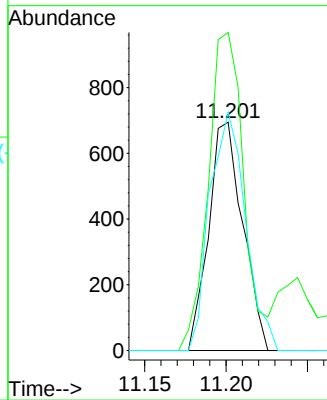
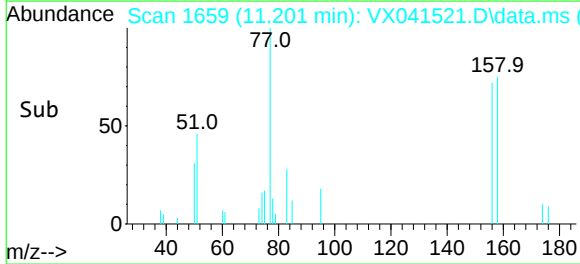
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion: 156 Resp: 1009
Ion Ratio Lower Upper
156 100
77 145.1 88.4 265.3
158 110.1 48.0 144.0

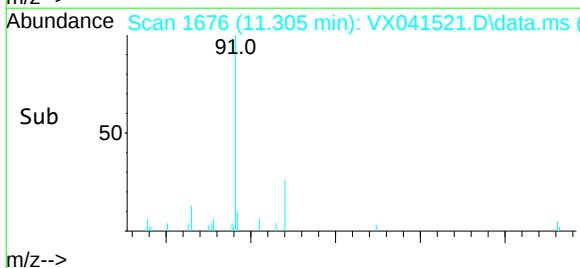
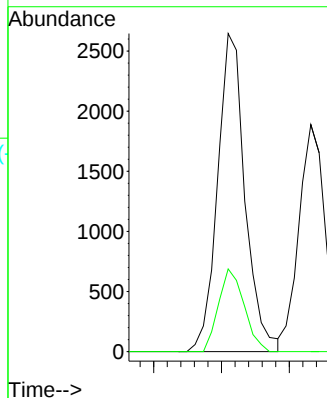
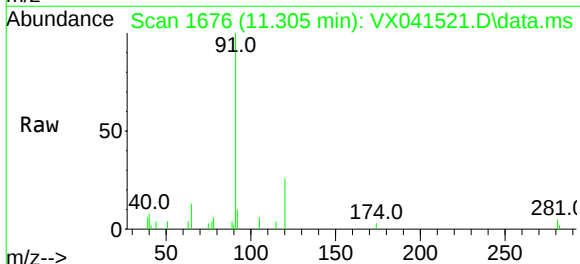
Manual Integrations
APPROVED

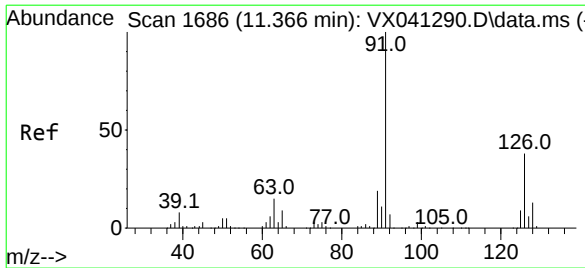
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#78
n-propylbenzene
Concen: 0.534 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

Tgt Ion: 91 Resp: 3730
Ion Ratio Lower Upper
91 100
120 24.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 0.597 ug/l

RT: 11.366 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VX041521.D

Acq: 14 May 2024 15:59

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

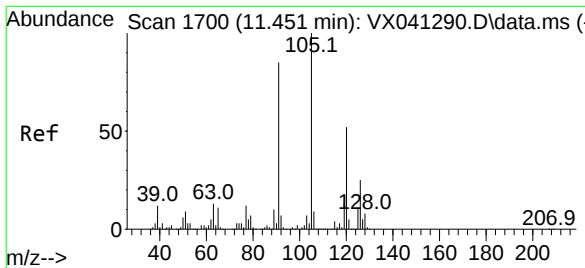
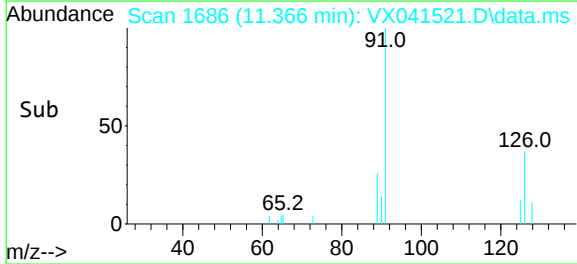
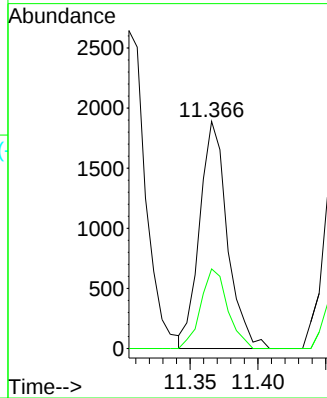
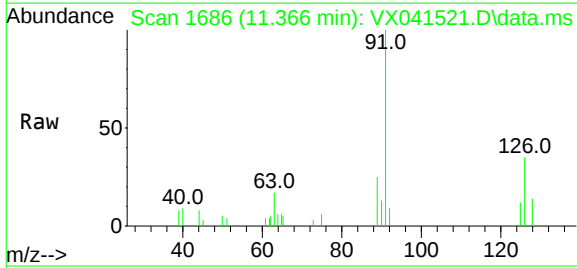
Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.9	16.3	48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#80

1,3,5-Trimethylbenzene

Concen: 0.543 ug/l

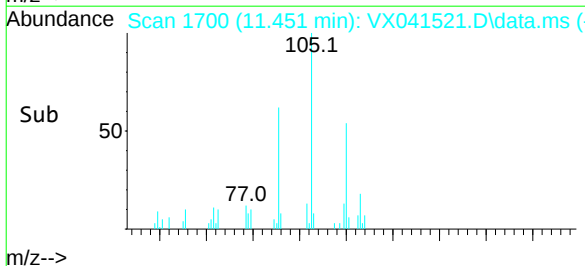
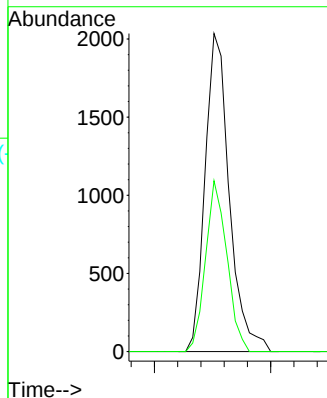
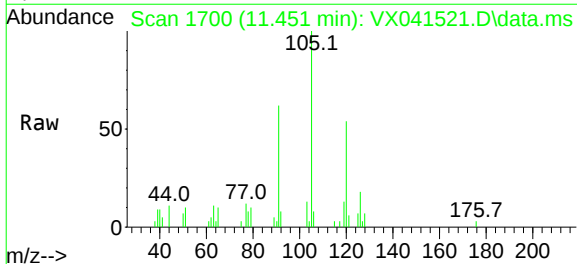
RT: 11.451 min Scan# 1700

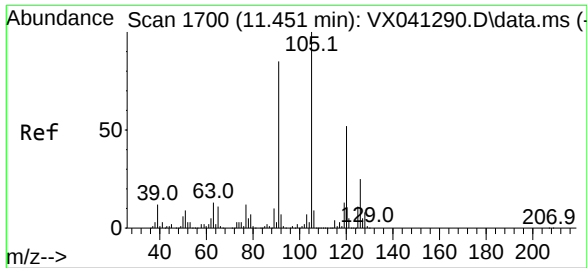
Delta R.T. 0.000 min

Lab File: VX041521.D

Acq: 14 May 2024 15:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.4	24.1	72.3





#82

4-Chlorotoluene

Concen: 0.601 ug/l

RT: 11.457 min Scan# 1700

Delta R.T. 0.006 min

Lab File: VX041521.D

Acq: 14 May 2024 15:59

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

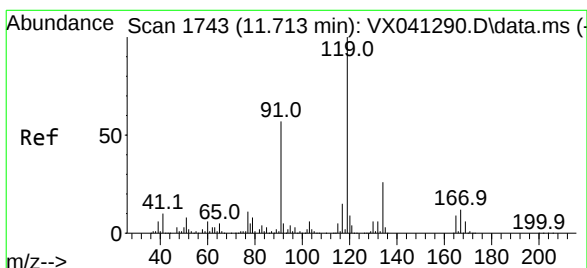
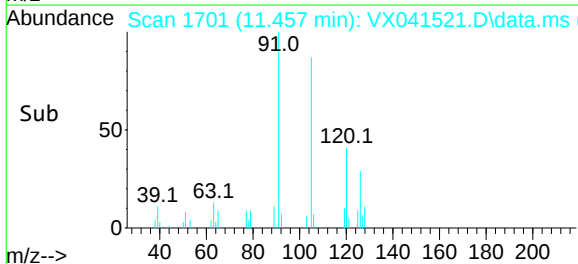
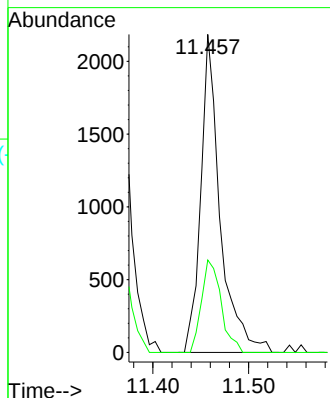
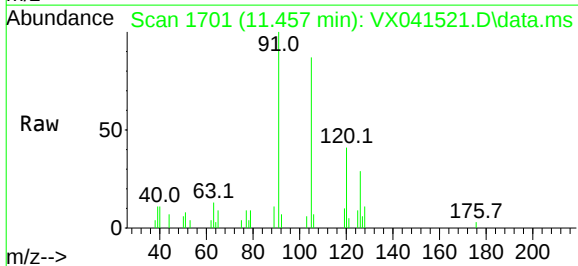
Tgt Ion:	91	Resp:	3071
Ion	Ratio	Lower	Upper
91	100		
126	29.4	14.2	42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#83

tert-Butylbenzene

Concen: 0.531 ug/l

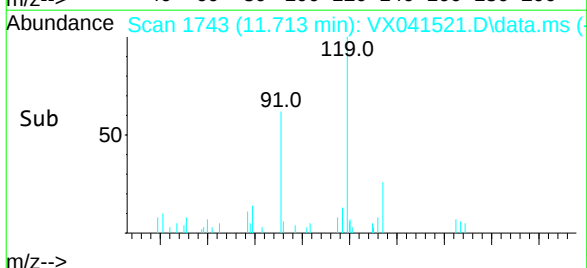
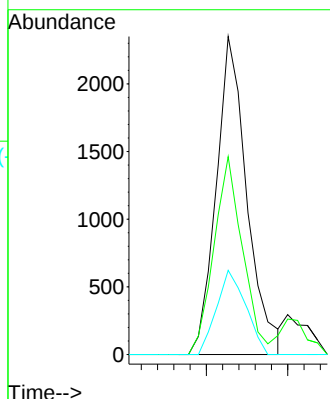
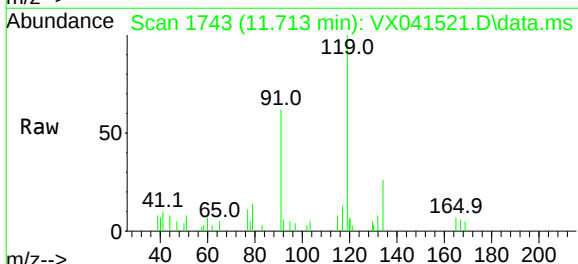
RT: 11.713 min Scan# 1743

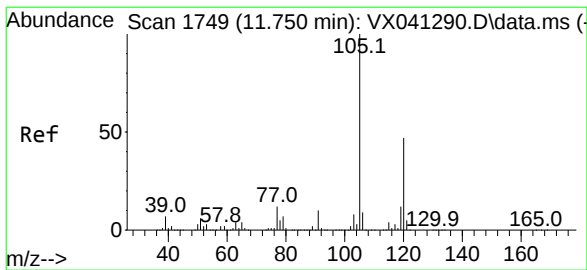
Delta R.T. 0.000 min

Lab File: VX041521.D

Acq: 14 May 2024 15:59

Tgt Ion:	119	Resp:	3083
Ion	Ratio	Lower	Upper
119	100		
91	58.2	31.2	93.6
134	25.1	11.7	35.0





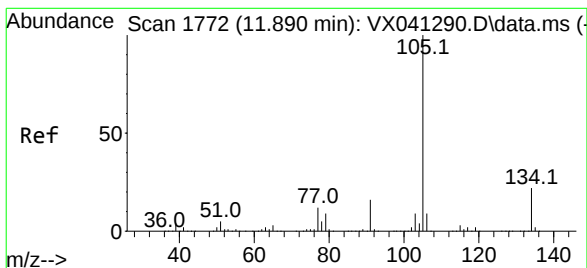
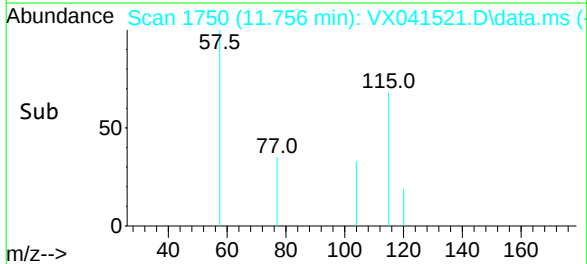
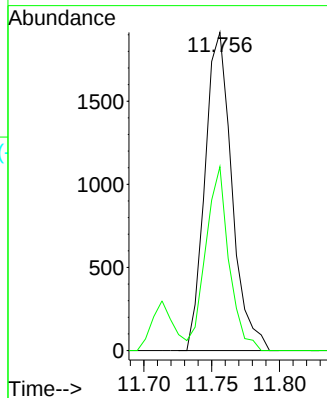
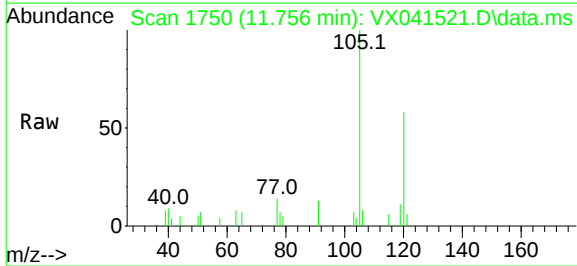
#84
1,2,4-Trimethylbenzene
Concen: 0.485 ug/l
RT: 11.756 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:	105	Resp:	2645
Ion Ratio	Lower	Upper	
105	100		
120	49.9	21.2	63.6

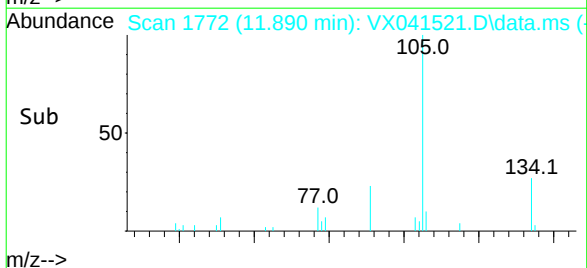
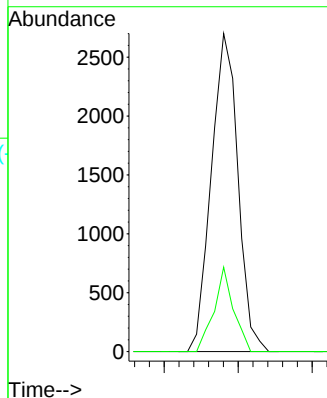
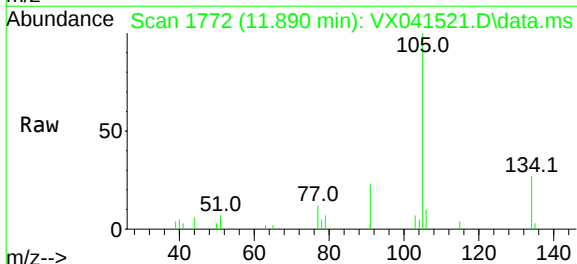
Manual Integrations
APPROVED

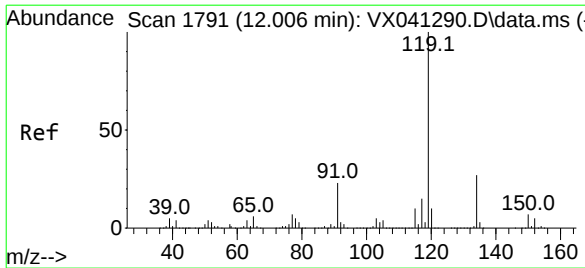
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#85
sec-Butylbenzene
Concen: 0.507 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

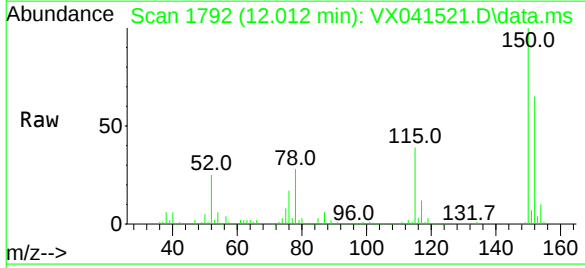
Tgt Ion:	105	Resp:	3375
Ion Ratio	Lower	Upper	
105	100		
134	19.4	9.8	29.4





#86
p-Isopropyltoluene
Concen: 0.477 ug/l
RT: 12.012 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

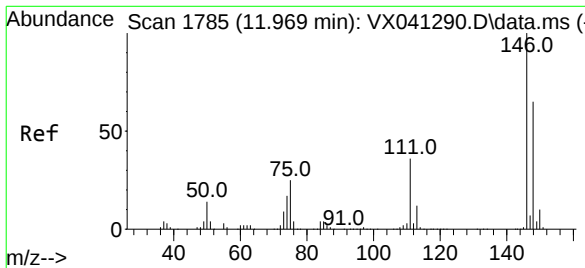
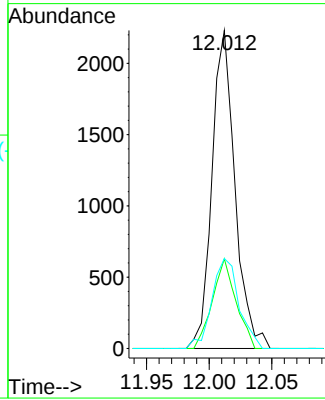
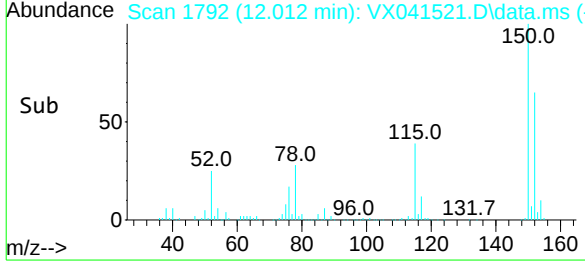
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



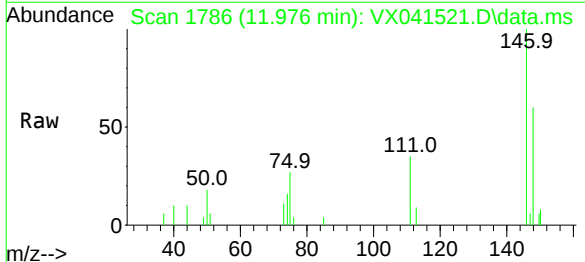
Tgt Ion	Ratio	Lower	Upper
119	100		
134	28.9	12.8	38.3
91	33.2	13.1	39.3

Manual Integrations
APPROVED

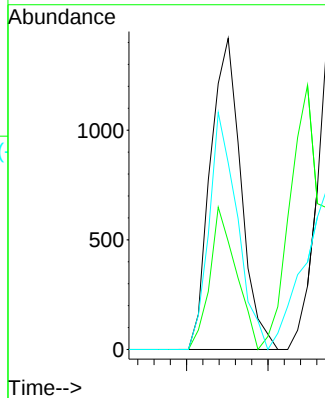
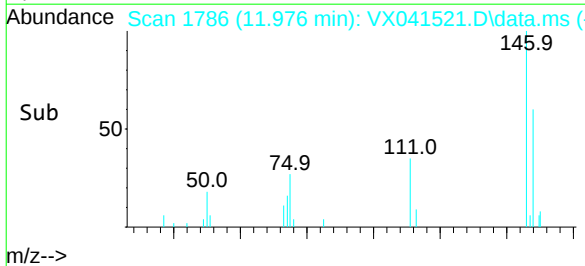
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

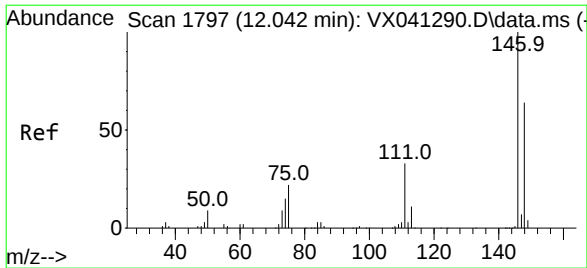


#87
1,3-Dichlorobenzene
Concen: 0.545 ug/l
RT: 11.976 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59



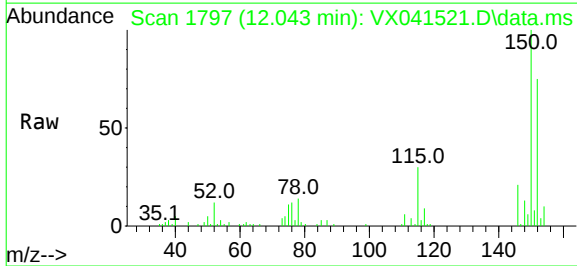
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	22.1	66.1
148	69.9	31.8	95.3





#88
1,4-Dichlorobenzene
Concen: 0.612 ug/l m
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

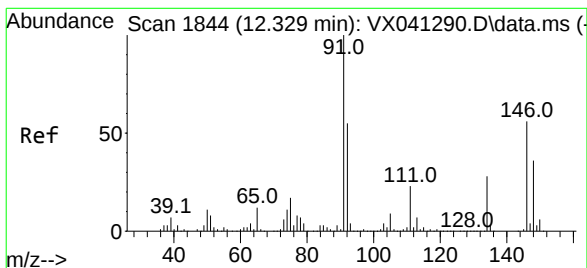
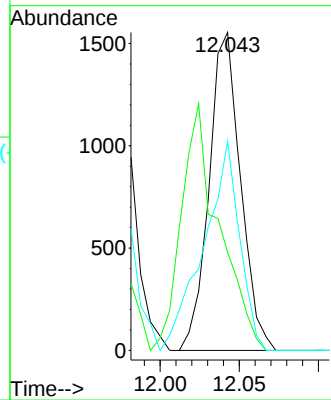
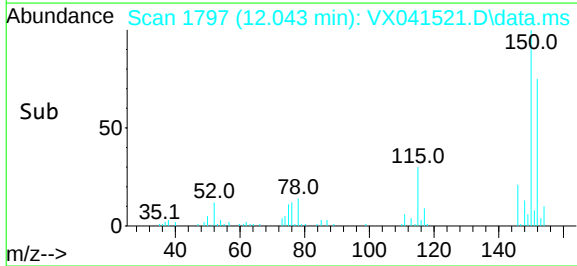
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



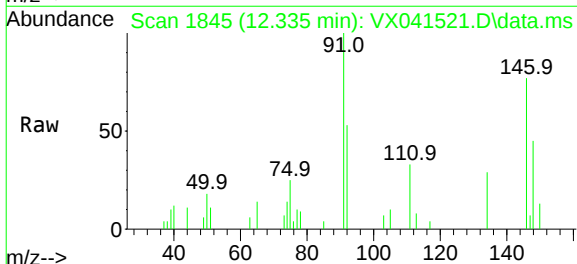
Tgt Ion:	146	Resp:	2151
Ion	Ratio	Lower	Upper
146	100		
111	33.9	21.3	63.7
148	60.5	31.8	95.4

Manual Integrations
APPROVED

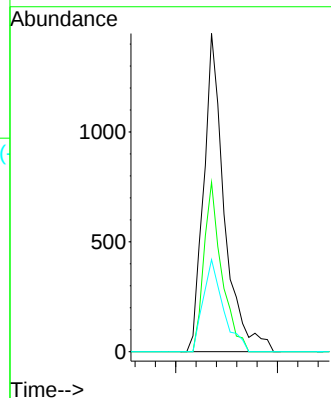
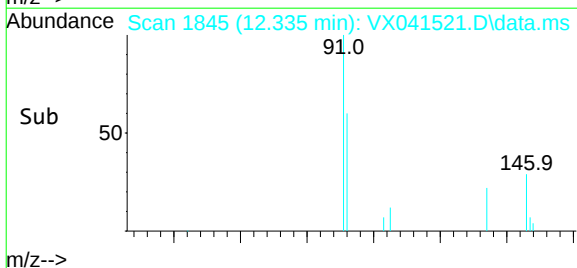
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

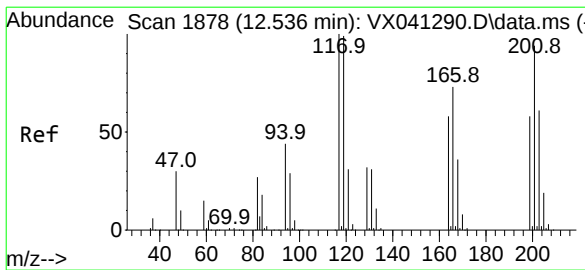


#89
n-Butylbenzene
Concen: 0.425 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59



Tgt Ion:	91	Resp:	2041
Ion	Ratio	Lower	Upper
91	100		
92	46.0	27.4	82.0
134	28.2	12.6	37.8





#90

Hexachloroethane

Concen: 0.422 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX041521.D

Acq: 14 May 2024 15:59

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion:117 Resp: 422

Ion Ratio Lower Upper

117 100

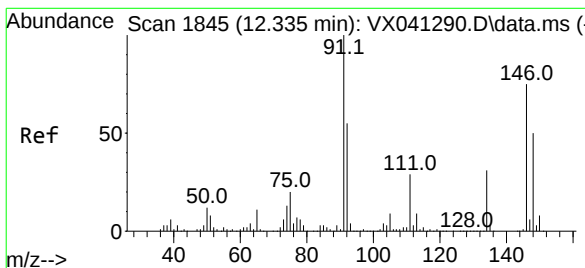
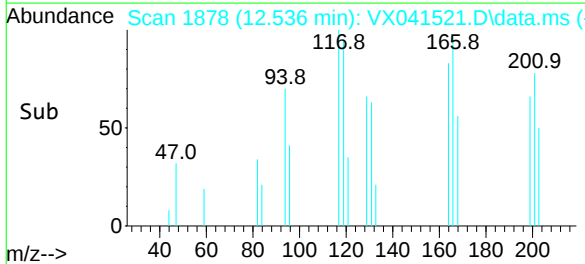
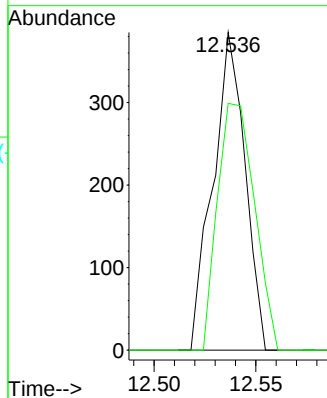
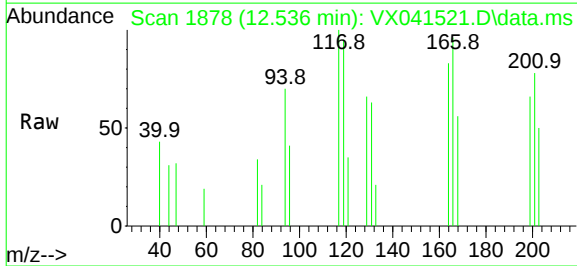
201 89.8 32.9 98.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#91

1,2-Dichlorobenzene

Concen: 0.523 ug/l

RT: 12.341 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VX041521.D

Acq: 14 May 2024 15:59

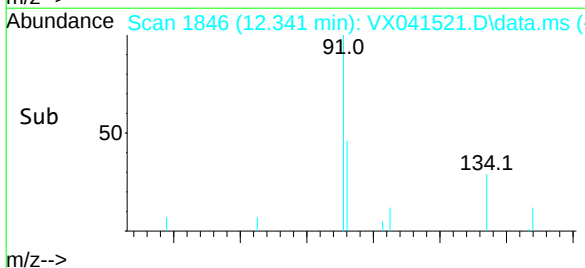
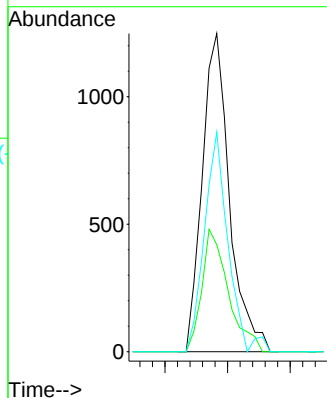
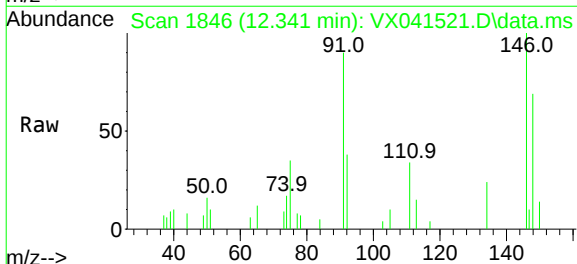
Tgt Ion:146 Resp: 1886

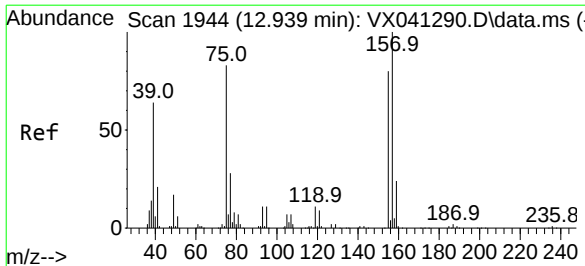
Ion Ratio Lower Upper

146 100

111 37.1 22.4 67.0

148 59.8 31.6 95.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.347 ug/l

RT: 12.951 min Scan# 1946

Delta R.T. 0.012 min

Lab File: VX041521.D

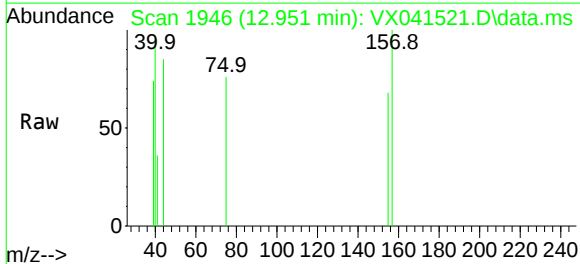
Acq: 14 May 2024 15:59

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



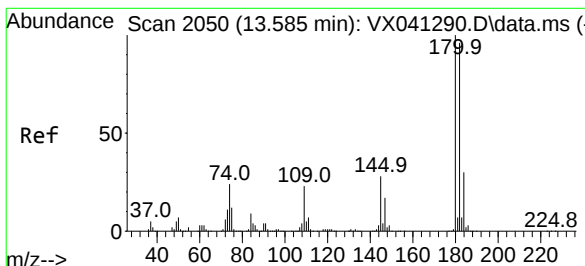
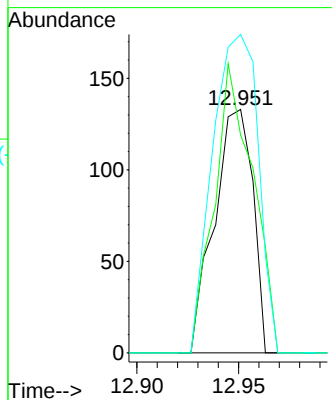
Tgt Ion:	75	Resp:	175
Ion	Ratio	Lower	Upper
75	100		
155	118.9	36.1	108.5#
157	155.4	44.9	134.7#

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#93

1,2,4-Trichlorobenzene

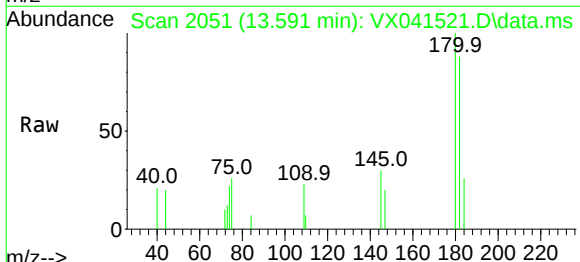
Concen: 0.443 ug/l

RT: 13.591 min Scan# 2051

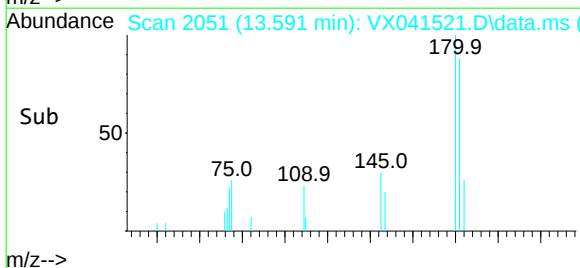
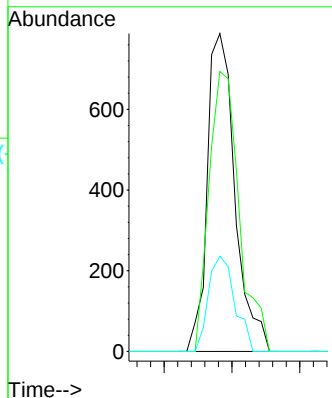
Delta R.T. 0.006 min

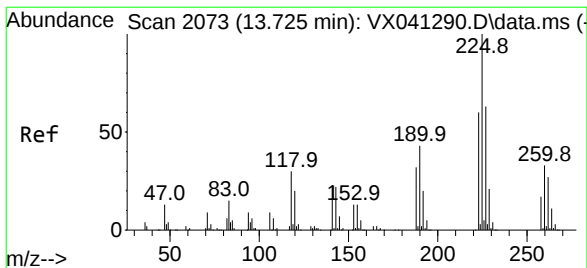
Lab File: VX041521.D

Acq: 14 May 2024 15:59



Tgt Ion:	180	Resp:	1117
Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.3	144.8
145	28.6	18.0	54.0





#94

Hexachlorobutadiene

Concen: 0.508 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX041521.D

Acq: 14 May 2024 15:59

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

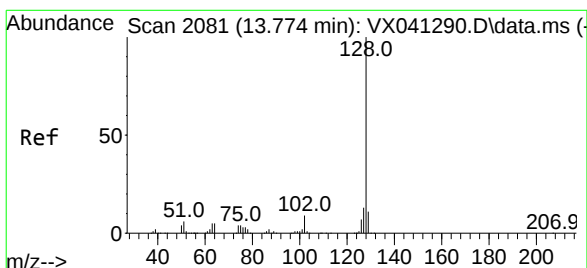
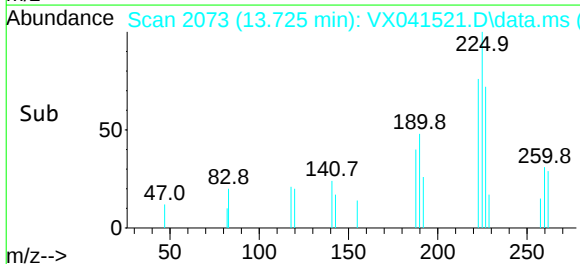
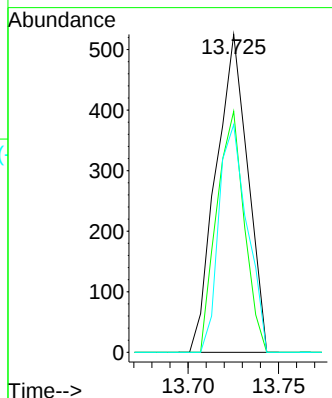
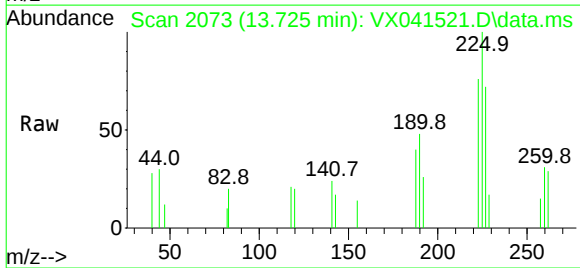
Tgt Ion:	225	Resp:	640
Ion	Ratio	Lower	Upper
225	100		
223	65.8	31.1	93.2
227	64.1	32.5	97.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#95

Naphthalene

Concen: 0.436 ug/l

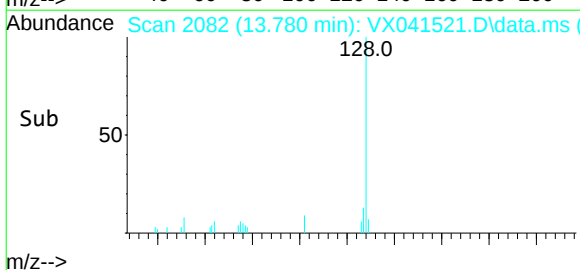
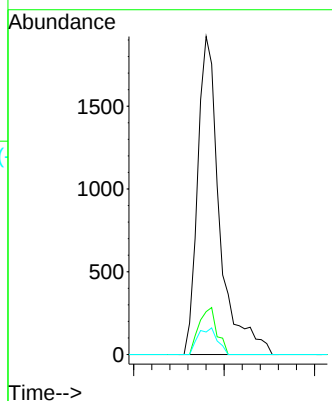
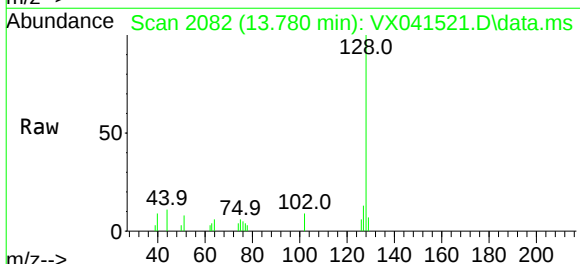
RT: 13.780 min Scan# 2082

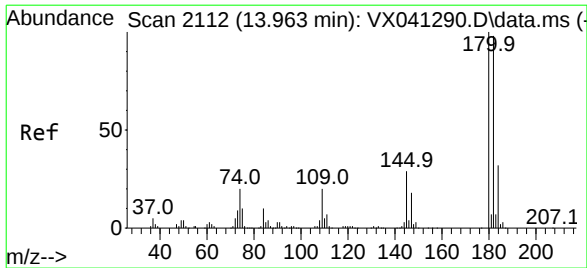
Delta R.T. 0.006 min

Lab File: VX041521.D

Acq: 14 May 2024 15:59

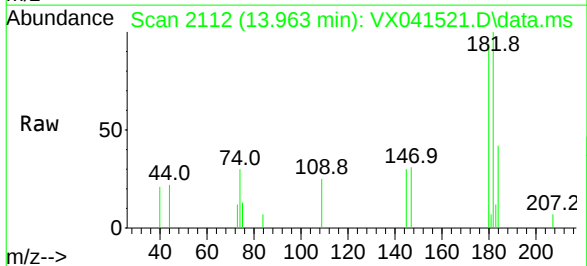
Tgt Ion:	128	Resp:	3255
Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.3	15.5
129	7.4	8.8	13.2





#96
1,2,3-Trichlorobenzene
Concen: 0.443 ug/l
RT: 13.963 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX041521.D
Acq: 14 May 2024 15:59

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024



Tgt Ion:	180	Resp:	1141
Ion Ratio	Lower	Upper	
180	100		
182	91.9	46.9	140.6
145	27.9	17.8	53.5

Manual Integrations
APPROVED

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

