

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051024\
 Data File : VX041451.D
 Acq On : 10 May 2024 11:26
 Operator : JC/MD
 Sample : P2409-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-QT2-2024-04

Quant Time: May 10 23:26:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM050924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 10 23:16:04 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 05/13/2024

Supervised By :Mahesh
 Dadoda
 05/13/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	255233	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	198953	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	100955	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.374	65	75069	51.859	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.720%
7) Chloroethane-d5	1.648	69	51786	48.761	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.520%
11) 1,1-Dichloroethene-d2	2.294	65	33348	45.773	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.540%
21) 2-Butanone-d5	4.458	46	128055	118.657	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.660%
24) Chloroform-d	5.050	84	159730	49.900	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.952	65	110022	47.779	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.560%
32) Benzene-d6	5.964	84	318534	58.606	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.220%
36) 1,2-Dichloropropane-d6	7.305	67	94878	58.749	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	117.500%
41) Toluene-d8	8.647	98	290223	51.699	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.400%
43) trans-1,3-Dichloroprop...	8.952	79	41041	50.725	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.460%
47) 2-Hexanone-d5	9.384	63	89997	119.591	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.590%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	123170	48.463	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.920%
66) 1,2-Dichlorobenzene-d4	12.323	152	110508	53.571	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.140%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	4052	2.306	ug/L #	88
3) Chloromethane	1.300	50	3784	2.525	ug/L	86
5) Vinyl chloride	1.374	62	4685	3.035	ug/L #	59
6) Bromomethane	1.599	94	2521	2.343	ug/L	98
8) Chloroethane	1.666	64	2323m	2.628	ug/L	
9) Trichlorofluoromethane	1.867	101	6501	2.392	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.312	101	4931	2.954	ug/L	83
12) 1,1-Dichloroethene	2.306	96	4243	2.861	ug/L #	1
13) Acetone	2.392	43	5771	5.208	ug/L	100
14) Carbon disulfide	2.501	76	7553	2.113	ug/L	98
15) Methyl Acetate	2.709	43	5025	2.687	ug/L	97
16) Methylene chloride	2.788	84	4624	2.810	ug/L	90
17) trans-1,2-Dichloroethene	3.087	96	3626	2.379	ug/L	94
18) Methyl tert-butyl Ether	3.117	73	12122	2.331	ug/L	97
19) 1,1-Dichloroethane	3.611	63	6856	2.430	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	4139	2.353	ug/L	97
22) 2-Butanone	4.574	43	6713m	4.852	ug/L	
23) Bromochloromethane	4.903	128	2250m	2.403	ug/L	
27) 1,2-Dichloroethane	6.086	62	6324	2.491	ug/L	98

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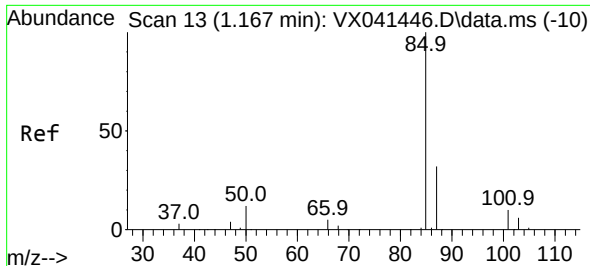
Manual Integrations APPROVED

Reviewed By :John
 Carlone
 05/13/2024

Supervised By :Mahesh
 Dadoda
 05/13/2024

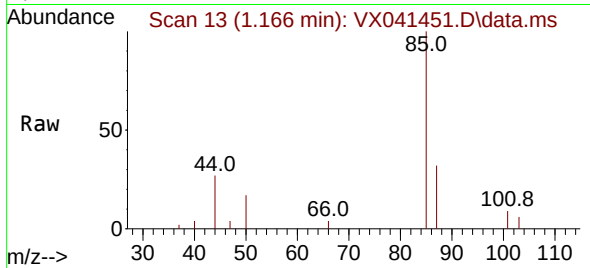
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
29) Cyclohexane	5.464	56	5661	2.559	ug/L	#	88
30) 1,1,1-Trichloroethane	5.379	97	6288	2.685	ug/L		96
31) Carbon tetrachloride	5.672	117	5065	2.436	ug/L		100
33) Benzene	6.037	78	15744	2.828	ug/L		100
35) Methylcyclohexane	7.373	83	6530	2.764	ug/L		97
37) 1,2-Dichloropropane	7.434	63	4106m	2.929	ug/L		
38) Bromodichloromethane	7.824	83	4468	2.358	ug/L		94
39) cis-1,3-Dichloropropene	8.366	75	5878	2.532	ug/L		98
40) 4-Methyl-2-pentanone	8.580	43	10308	4.569	ug/L		99
42) Toluene	8.720	91	16498	2.716	ug/L		96
44) trans-1,3-Dichloropropene	8.976	75	5405m	2.497	ug/L		
45) 1,1,2-Trichloroethane	9.153	97	4081	2.633	ug/L		92
46) Tetrachloroethene	9.269	164	3799	2.603	ug/L		95
48) 2-Hexanone	9.433	43	9082	5.025	ug/L	#	85
49) Dibromochloromethane	9.518	129	3442	2.197	ug/L		90
50) 1,2-Dibromoethane	9.610	107	3843	2.383	ug/L	#	94
51) Chlorobenzene	10.079	112	9547	2.357	ug/L		95
52) Ethylbenzene	10.195	91	15171	2.276	ug/L		96
53) m,p-Xylene	10.305	106	5970	2.239	ug/L		95
54) o-Xylene	10.646	106	5769	2.123	ug/L		91
55) Styrene	10.659	104	9139	2.014	ug/L		99
57) 1,1,2,2-Tetrachloroethane	11.213	83	6399	2.488	ug/L	#	93
59) Bromoform	10.805	173	2397	2.029	ug/L	#	91
60) Isopropylbenzene	10.963	105	14489	2.352	ug/L		97
61) 1,2,3-Trichloropropane	11.238	75	4442	2.574	ug/L		98
62) 1,3,5-Trimethylbenzene	11.451	105	9039	2.172	ug/L		97
63) 1,2,4-Trimethylbenzene	11.750	105	10390	2.061	ug/L		99
64) 1,3-Dichlorobenzene	11.969	146	7396	2.360	ug/L		100
67) 1,2-Dichlorobenzene	12.335	146	8193	2.525	ug/L		92
68) 1,2-Dibromo-3-chloropr...	12.945	75	910m	1.960	ug/L		
69) 1,3,5-Trichlorobenzene	13.115	180	5249	2.244	ug/L		99
70) 1,2,4-trichlorobenzene	13.591	180	5023	2.352	ug/L		97
71) Naphthalene	13.780	128	14396	2.258	ug/L		99
72) 1,2,3-Trichlorobenzene	13.963	180	5715	2.566	ug/L		96

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



#2
Dichlorodifluoromethane
Concen: 2.306 ug/L
RT: 1.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041451.D
Acq: 10 May 2024 11:26

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT2-2024-04

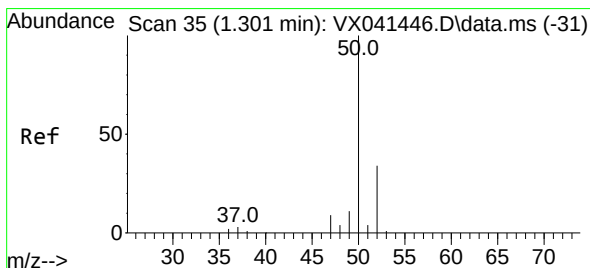
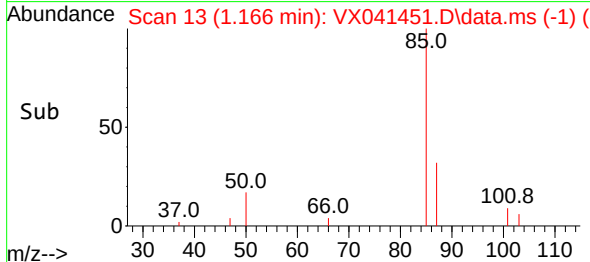
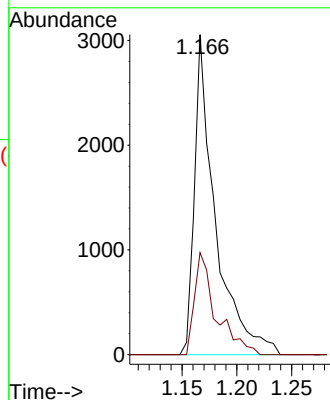


Tgt Ion: 85 Resp: 4052
Ion Ratio Lower Upper
85 100
87 25.9 26.2 39.2

Manual Integrations
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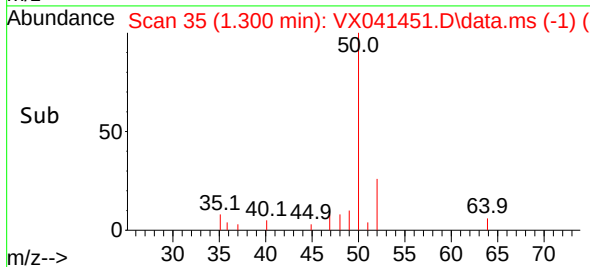
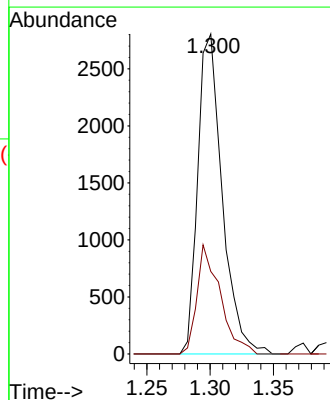
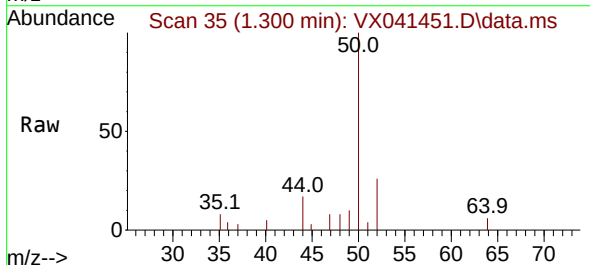
Reviewed By :John
Carlone
05/13/2024

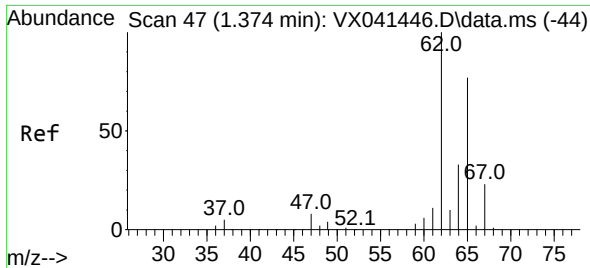
Supervised By :Mahesh
Dadoda
05/13/2024



#3
Chloromethane
Concen: 2.525 ug/L
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX041451.D
Acq: 10 May 2024 11:26

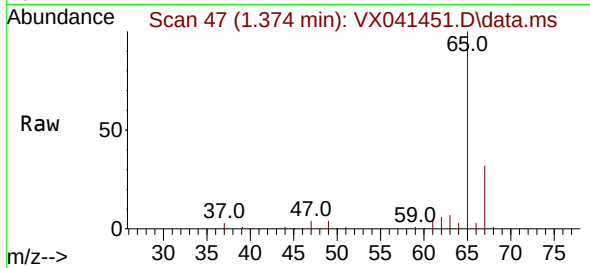
Tgt Ion: 50 Resp: 3784
Ion Ratio Lower Upper
50 100
52 25.8 23.7 44.1





#5
 Vinyl chloride
 Concen: 3.035 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX041451.D
 Acq: 10 May 2024 11:26

Instrument : MSVOA_X
 ClientSampleId : MDL-WATER-QT2-2024-04

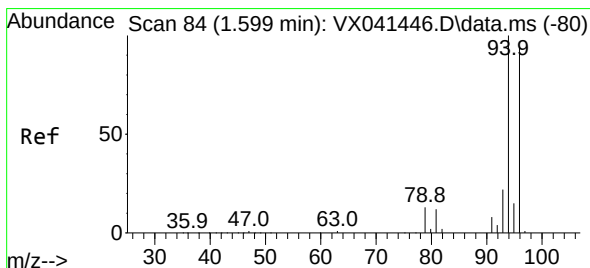
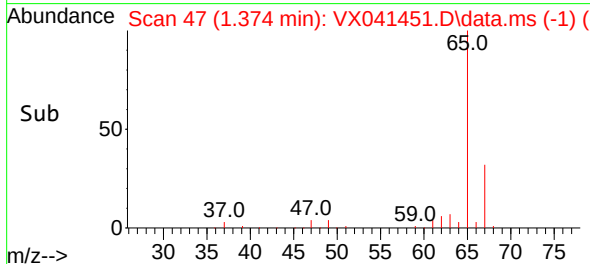
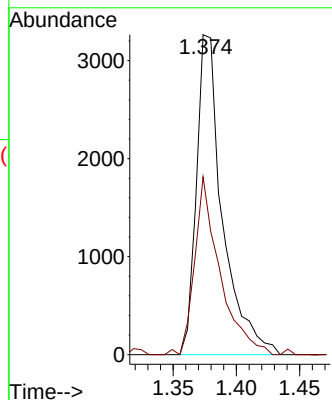


Tgt Ion: 62 Resp: 468
 Ion Ratio Lower Upper
 62 100
 64 55.6 22.7 42.1

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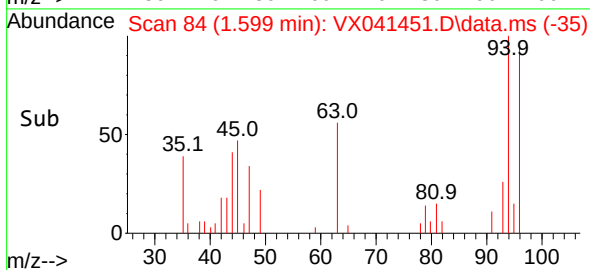
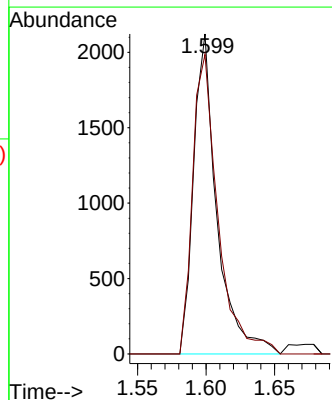
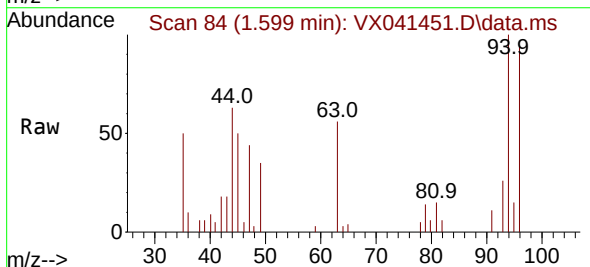
Reviewed By :John
 Carlone
 05/13/2024

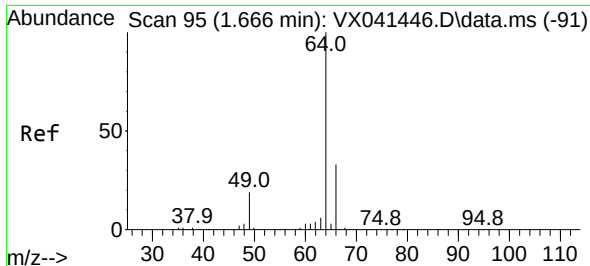
Supervised By :Mahesh
 Dadoda
 05/13/2024



#6
 Bromomethane
 Concen: 2.343 ug/L
 RT: 1.599 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VX041451.D
 Acq: 10 May 2024 11:26

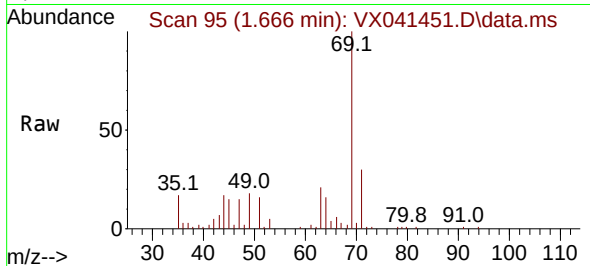
Tgt Ion: 94 Resp: 2521
 Ion Ratio Lower Upper
 94 100
 96 93.6 66.6 123.8





#8
Chloroethane
Concen: 2.628 ug/L m
RT: 1.666 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX041451.D
Acq: 10 May 2024 11:26

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2024-04

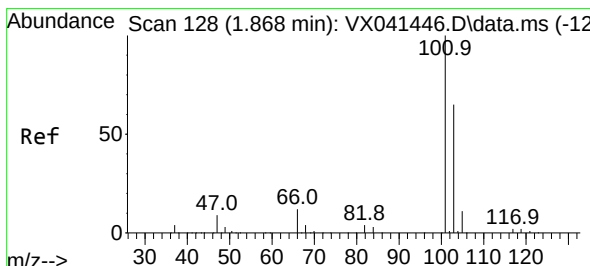
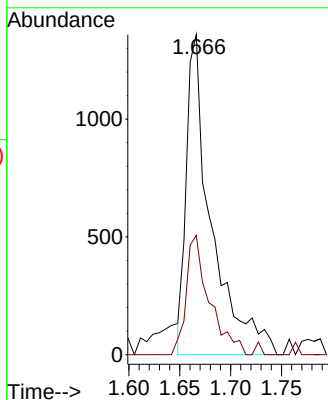
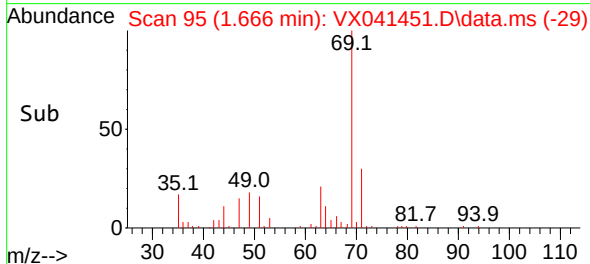


Tgt Ion: 64 Resp: 232
Ion Ratio Lower Upper
64 100
66 37.2 22.5 41.9

Manual Integrations
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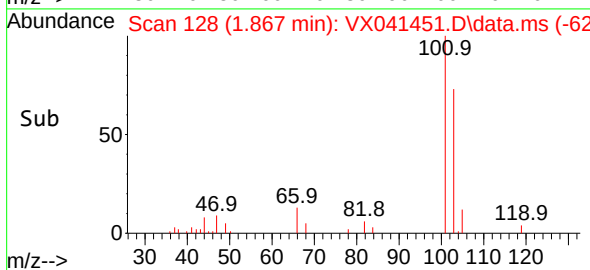
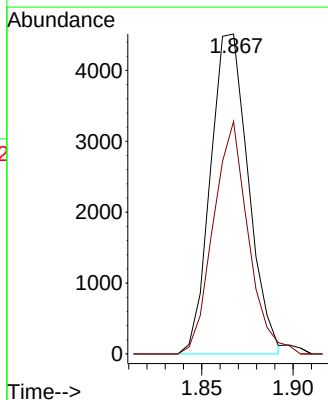
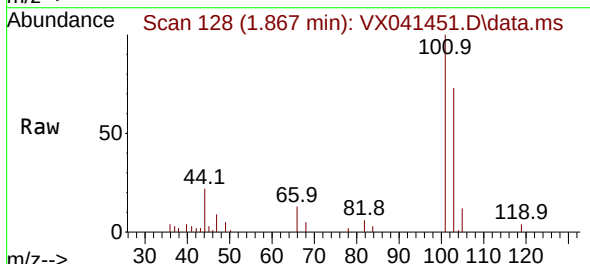
Reviewed By :John
Carlone
05/13/2024

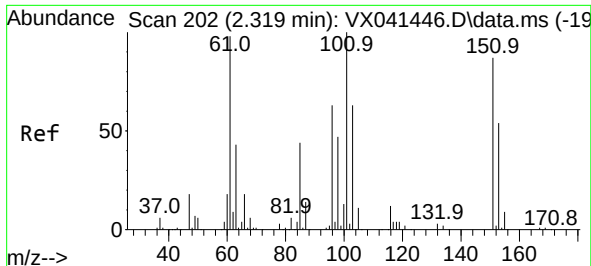
Supervised By :Mahesh
Dadoda
05/13/2024



#9
Trichlorofluoromethane
Concen: 2.392 ug/L
RT: 1.867 min Scan# 128
Delta R.T. -0.000 min
Lab File: VX041451.D
Acq: 10 May 2024 11:26

Tgt Ion:101 Resp: 6501
Ion Ratio Lower Upper
101 100
103 67.2 51.7 77.5





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.954 ug/L

RT: 2.312 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX041451.D

Acq: 10 May 2024 11:26

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT2-2024-04

Tgt Ion:101 Resp: 493

Ion Ratio Lower Upper

101 100

85 33.8 33.4 50.2

151 69.0 68.7 103.1

Manual Integrations

APPROVED

Reviewed By :John

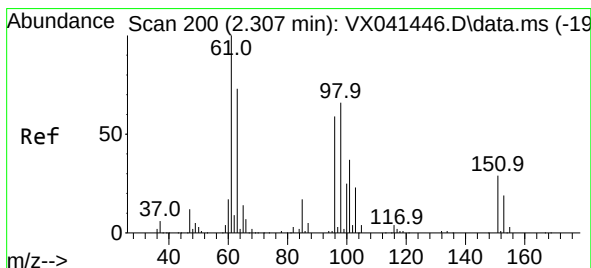
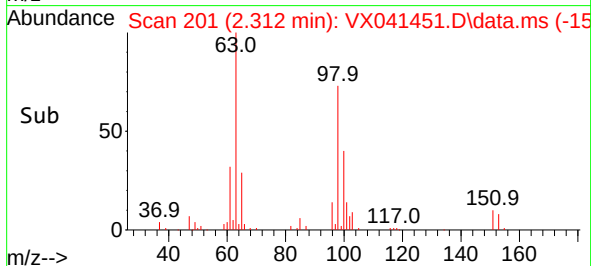
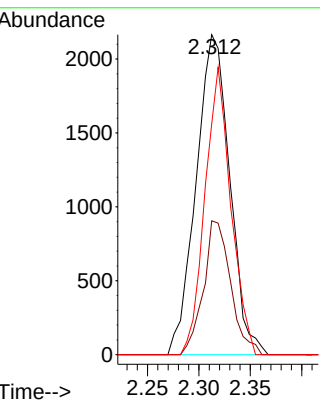
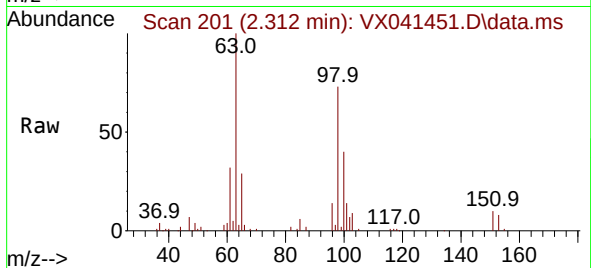
Carlone

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Supervised By :Mahesh

Dadoda

05/13/2024



#12

1,1-Dichloroethene

Concen: 2.861 ug/L

RT: 2.306 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX041451.D

Acq: 10 May 2024 11:26

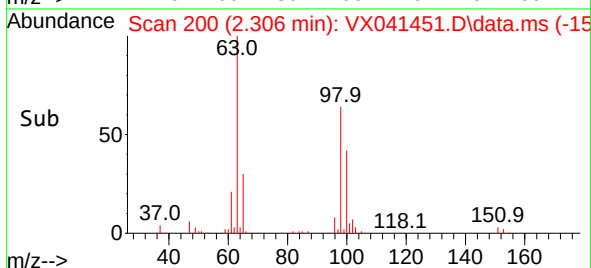
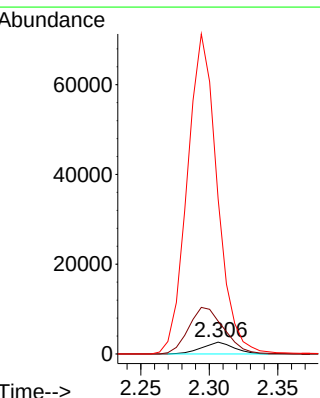
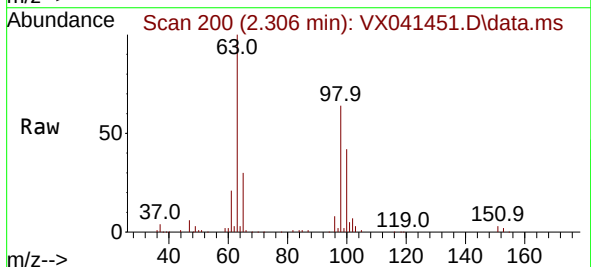
Tgt Ion: 96 Resp: 4243

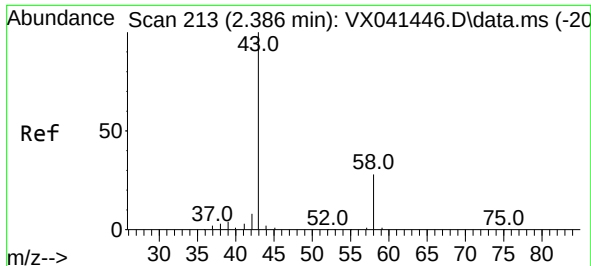
Ion Ratio Lower Upper

96 100

61 277.1 119.3 221.7#

63 1311.7 100.0 185.8#





#13

Acetone

Concen: 5.208 ug/L

RT: 2.392 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX041451.D

Acq: 10 May 2024 11:26

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT2-2024-04

Tgt Ion: 43 Resp: 577
 Ion Ratio Lower Upper
 43 100
 58 29.1 0.0 58.0

Manual Integrations
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Reviewed By :John

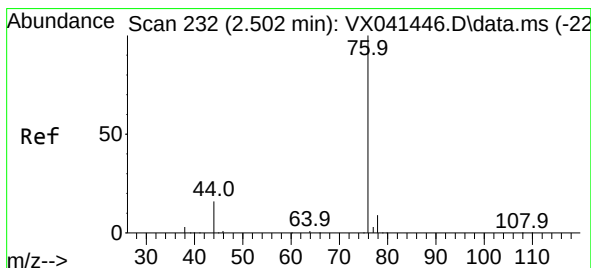
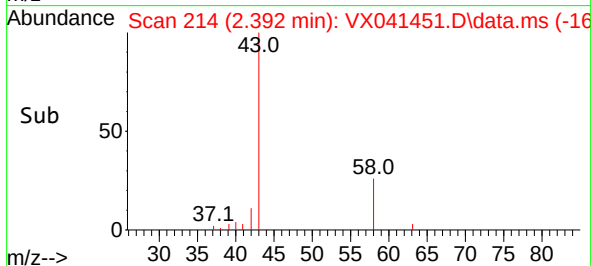
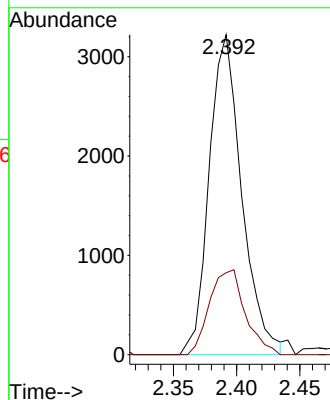
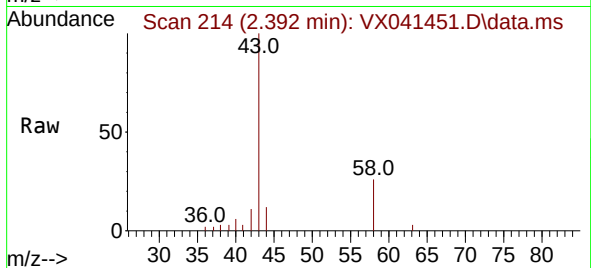
Carlone

05/13/2024

Supervised By :Mahesh

Dadoda

05/13/2024



#14

Carbon disulfide

Concen: 2.113 ug/L

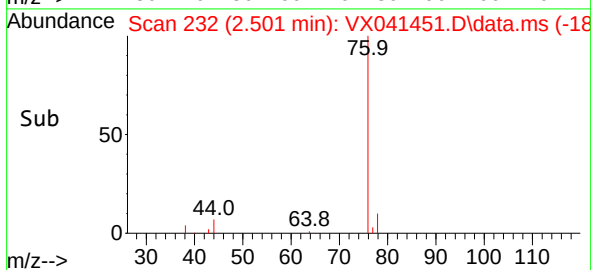
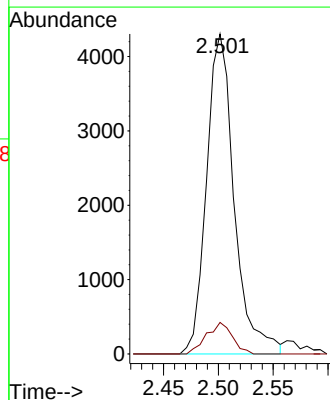
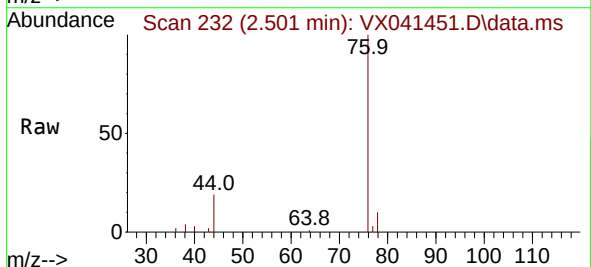
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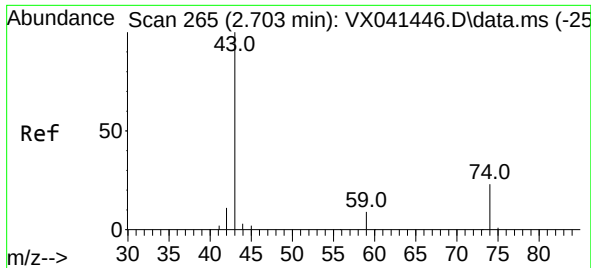
Delta R.T. -0.000 min

Lab File: VX041451.D

Acq: 10 May 2024 11:26

Tgt Ion: 76 Resp: 7553
 Ion Ratio Lower Upper
 76 100
 78 9.9 7.3 10.9





#15
Methyl Acetate
Concen: 2.687 ug/L
RT: 2.709 min Scan# 209
Delta R.T. 0.006 min
Lab File: VX041451.D
Acq: 10 May 2024 11:26

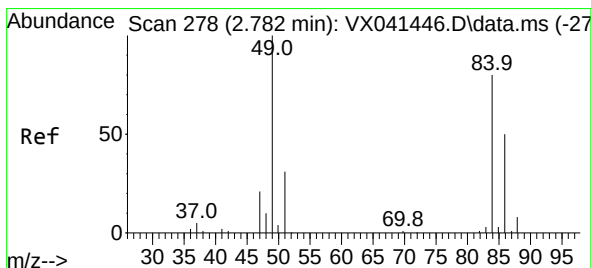
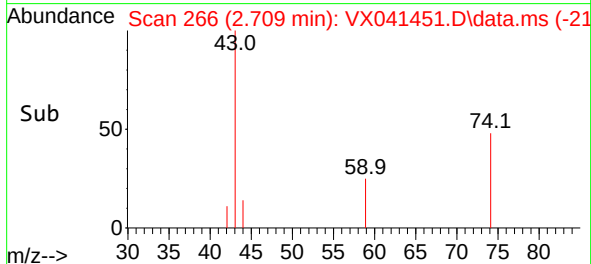
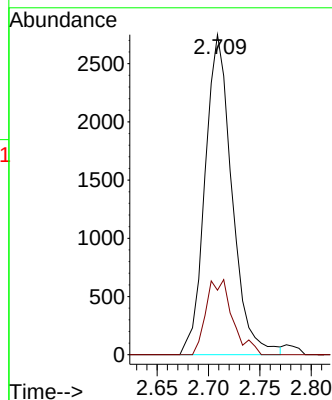
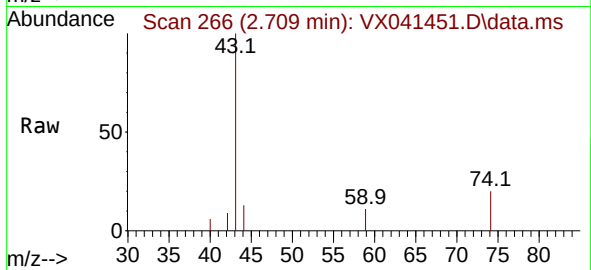
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2024-04

Tgt Ion: 43 Resp: 502
Ion Ratio Lower Upper
43 100
74 21.5 18.5 27.7

Manual Integrations
APPROVED

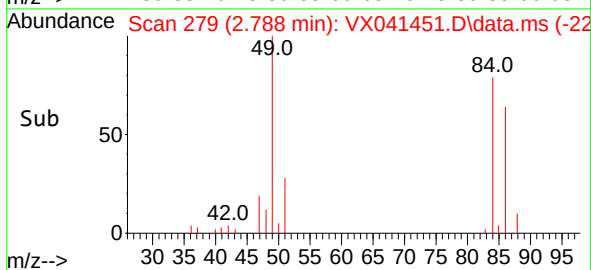
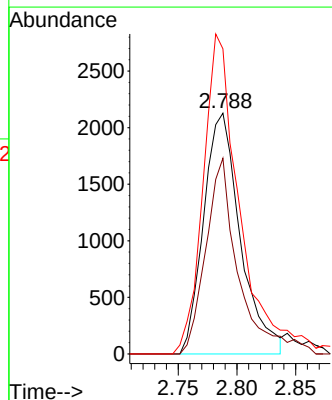
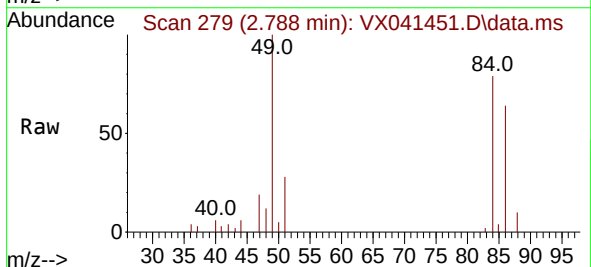
Reviewed By :John
Carlone
05/13/2024

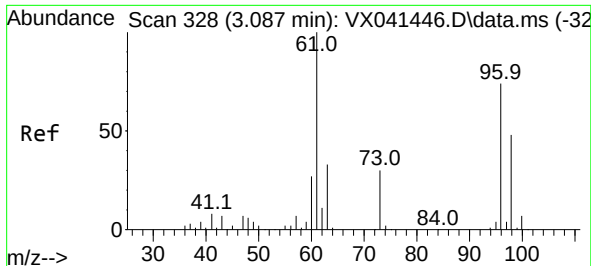
Supervised By :Mahesh
Dadoda
05/13/2024



#16
Methylene chloride
Concen: 2.810 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX041451.D
Acq: 10 May 2024 11:26

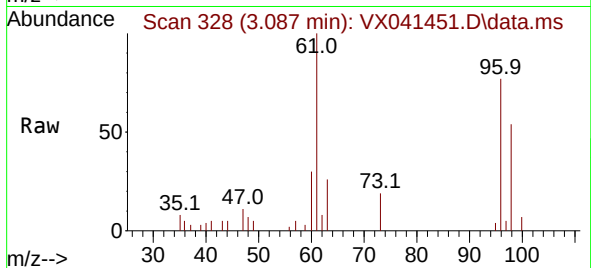
Tgt Ion: 84 Resp: 4624
Ion Ratio Lower Upper
84 100
86 81.3 44.9 83.5
49 126.7 85.5 158.7





#17
trans-1,2-Dichloroethene
Concen: 2.379 ug/L
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX041451.D
Acq: 10 May 2024 11:26

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2024-04

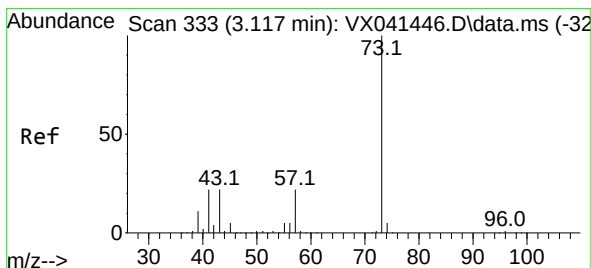
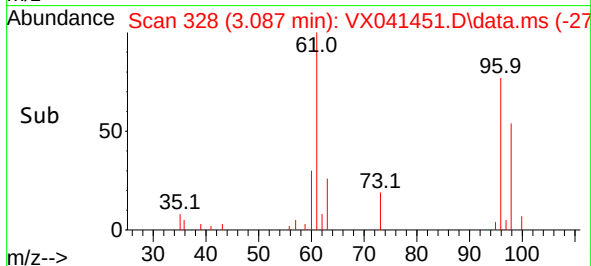
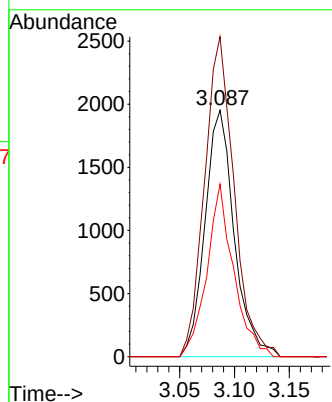


Tgt Ion: 96 Resp: 3620
Ion Ratio Lower Upper
96 100
61 129.9 95.8 177.8
98 70.0 44.9 83.5

Manual Integrations
APPROVED

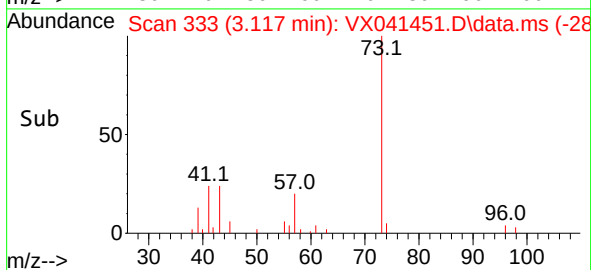
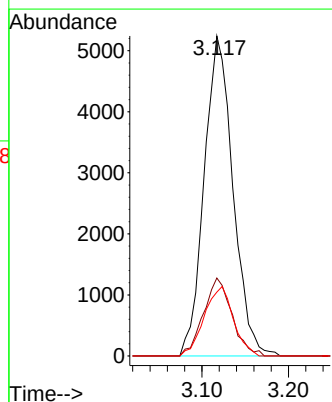
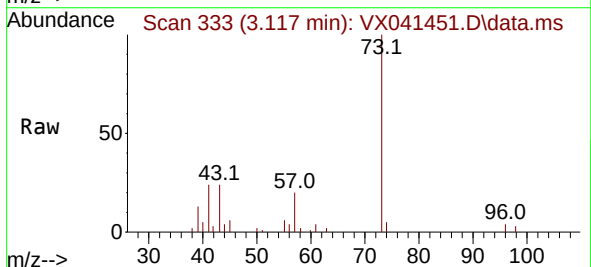
Reviewed By :John
Carlone
05/13/2024

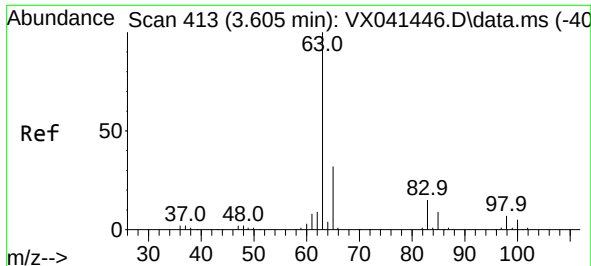
Supervised By :Mahesh
Dadoda
05/13/2024



#18
Methyl tert-butyl Ether
Concen: 2.331 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX041451.D
Acq: 10 May 2024 11:26

Tgt Ion: 73 Resp: 12122
Ion Ratio Lower Upper
73 100
43 24.0 17.4 26.0
57 21.9 16.7 25.1





#19

1,1-Dichloroethane

Concen: 2.430 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX041451.D

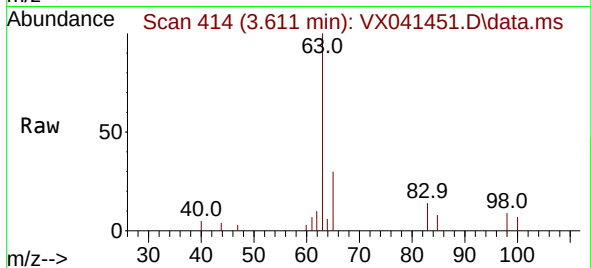
Acq: 10 May 2024 11:26

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT2-2024-04



Tgt Ion:	63	Resp:	685
Ion Ratio	100	Lower	Upper
63	100		
65	30.3	22.3	41.5
83	14.2	9.5	17.7

Manual Integrations
APPROVED

Reviewed By :John

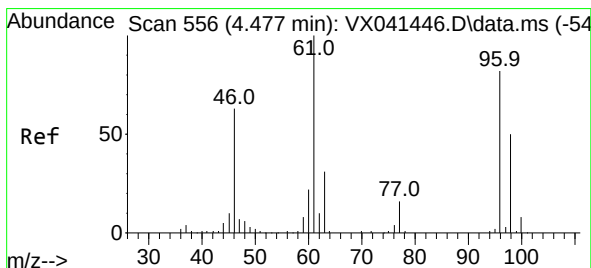
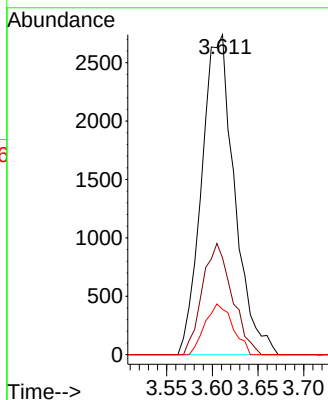
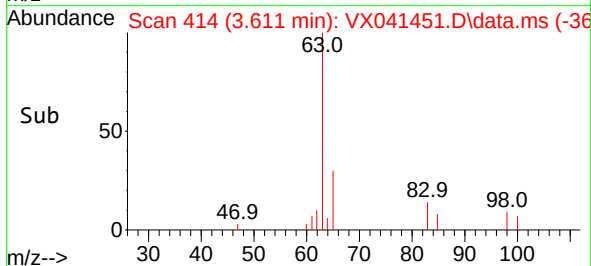
Carlone

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Supervised By :Mahesh

Dadoda

05/13/2024



#20

cis-1,2-Dichloroethene

Concen: 2.353 ug/L

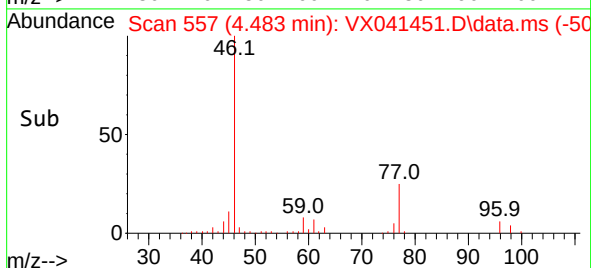
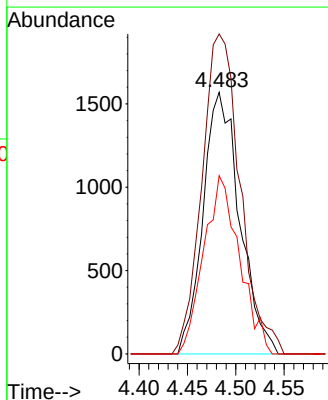
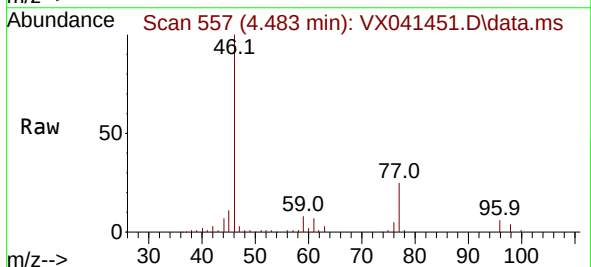
RT: 4.483 min Scan# 557

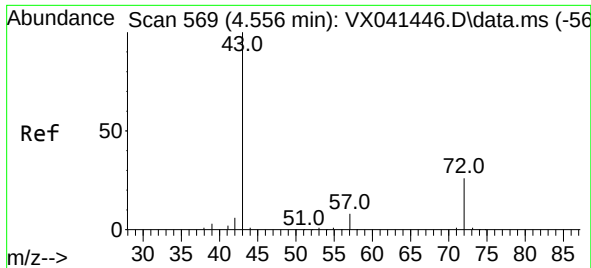
Delta R.T. 0.006 min

Lab File: VX041451.D

Acq: 10 May 2024 11:26

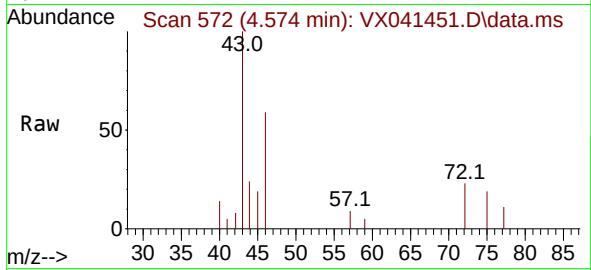
Tgt Ion:	96	Resp:	4139
Ion Ratio	100	Lower	Upper
96	100		
61	122.3	85.5	158.9
98	68.1	43.0	80.0





#22
2-Butanone
Concen: 4.852 ug/L m
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX041451.D
Acq: 10 May 2024 11:26

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2024-04

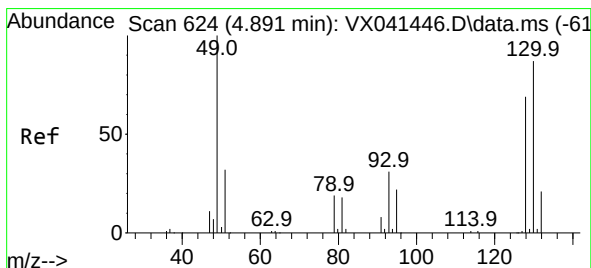
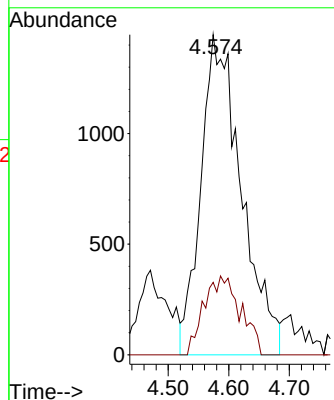


Tgt Ion: 43 Resp: 671
Ion Ratio Lower Upper
43 100
72 9.0 12.4 37.4

Manual Integrations
APPROVED

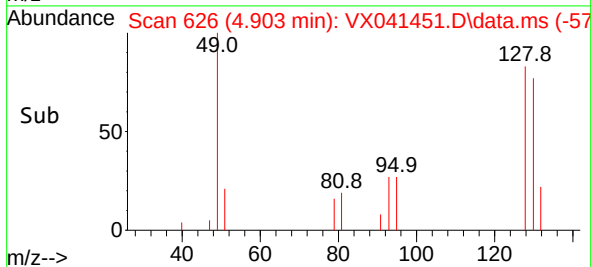
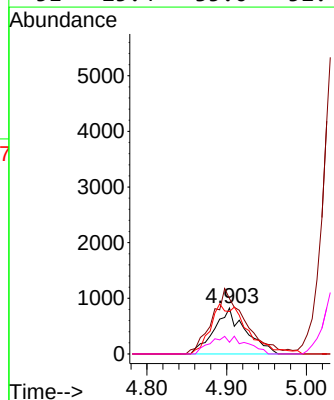
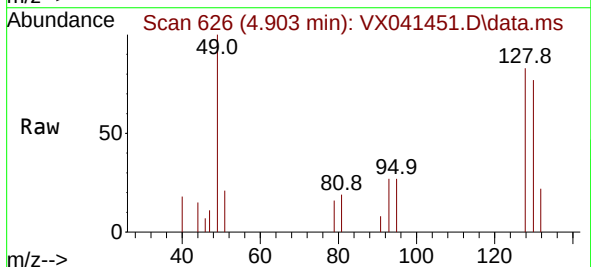
Reviewed By :John
Carlone
05/13/2024

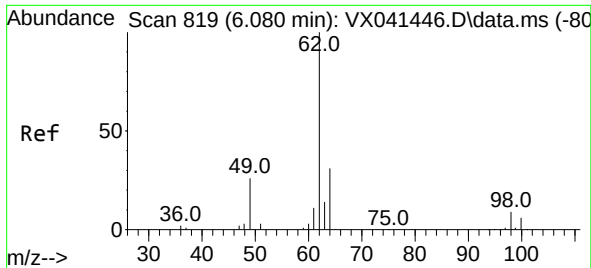
Supervised By :Mahesh
Dadoda
05/13/2024



#23
Bromochloromethane
Concen: 2.403 ug/L m
RT: 4.903 min Scan# 626
Delta R.T. 0.012 min
Lab File: VX041451.D
Acq: 10 May 2024 11:26

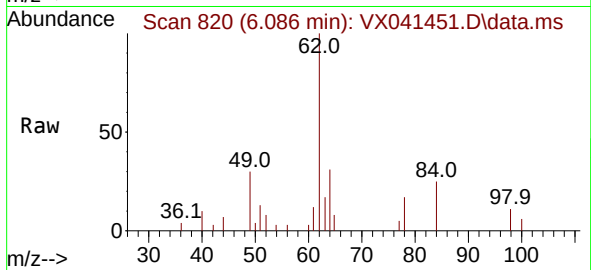
Tgt Ion:128 Resp: 2250
Ion Ratio Lower Upper
128 100
49 120.5 97.7 181.5
130 92.4 90.5 168.1
51 25.4 35.0 52.4





#27
1,2-Dichloroethane
Concen: 2.491 ug/L
RT: 6.086 min Scan# 819
Delta R.T. 0.006 min
Lab File: VX041451.D
Acq: 10 May 2024 11:26

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2024-04

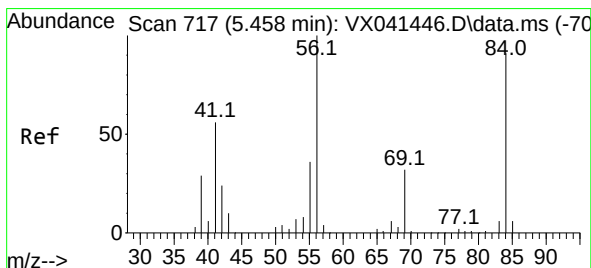
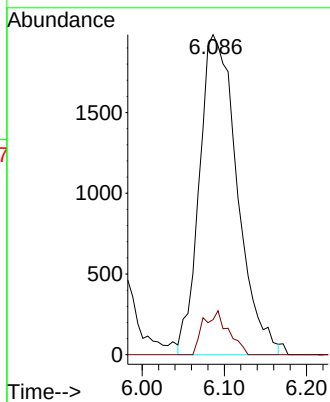
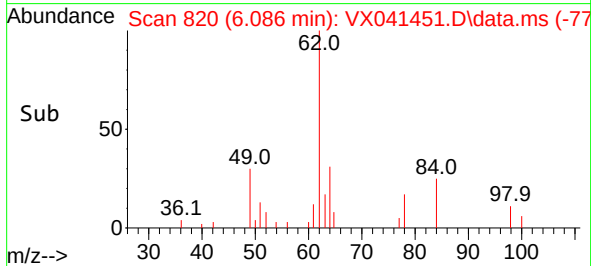


Tgt Ion: 62 Resp: 6324
Ion Ratio Lower Upper
62 100
98 10.9 8.2 12.2

Manual Integrations
APPROVED

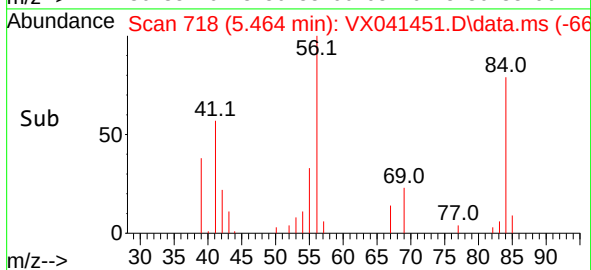
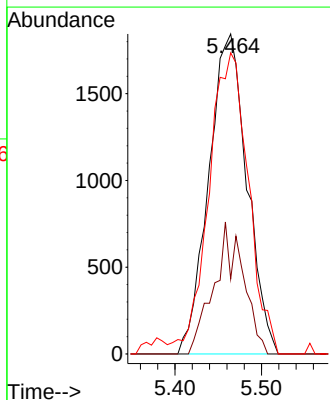
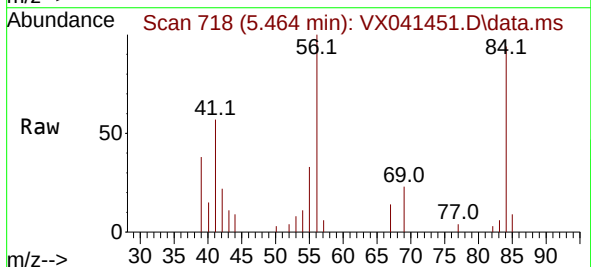
Reviewed By :John
Carlone
05/13/2024

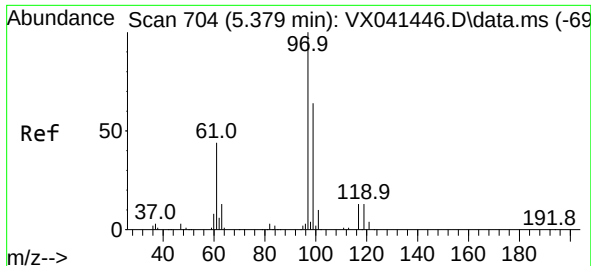
Supervised By :Mahesh
Dadoda
05/13/2024



#29
Cyclohexane
Concen: 2.559 ug/L
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX041451.D
Acq: 10 May 2024 11:26

Tgt Ion: 56 Resp: 5661
Ion Ratio Lower Upper
56 100
69 13.1 25.0 37.6#
84 95.8 73.3 109.9





#30

1,1,1-Trichloroethane

Concen: 2.685 ug/L

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX041451.D

Acq: 10 May 2024 11:26

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT2-2024-04

Tgt Ion: 97	Resp: 628
Ion Ratio	Lower Upper
97 100	
99 61.6	52.2 78.2
61 40.9	34.6 51.8

Manual Integrations
APPROVED

Reviewed By :John

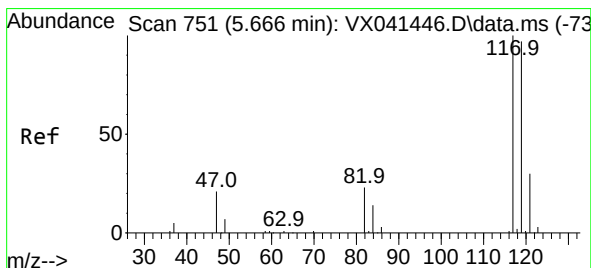
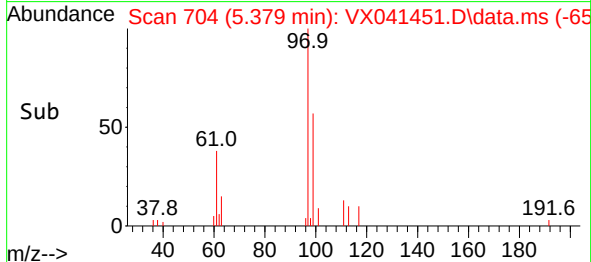
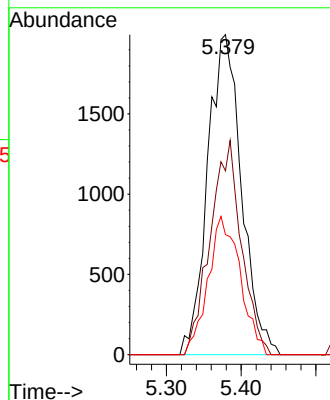
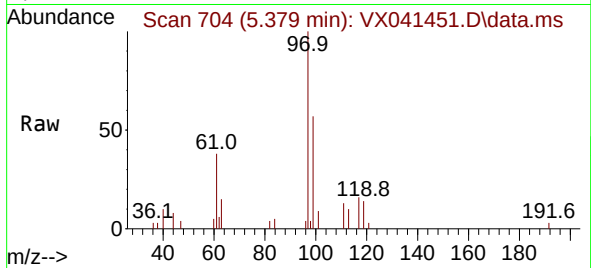
Carlone

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Supervised By :Mahesh

Dadoda

05/13/2024



#31

Carbon tetrachloride

Concen: 2.436 ug/L

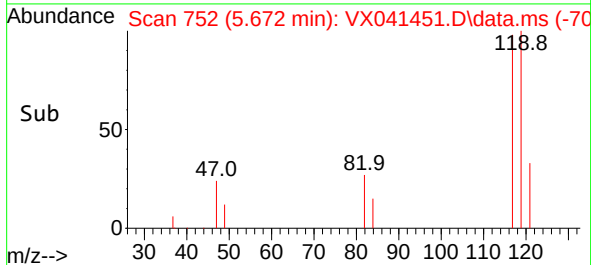
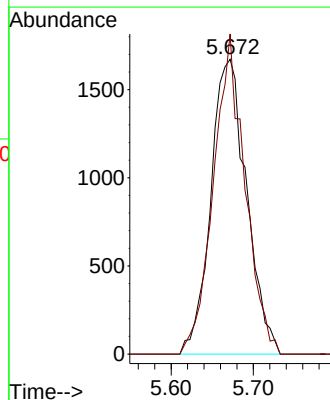
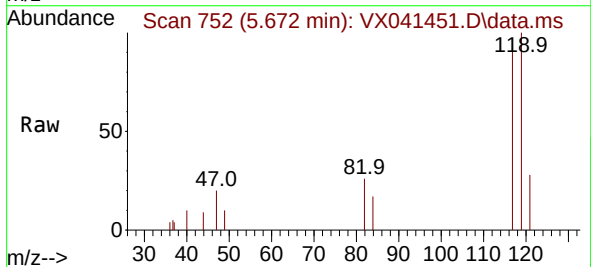
RT: 5.672 min Scan# 752

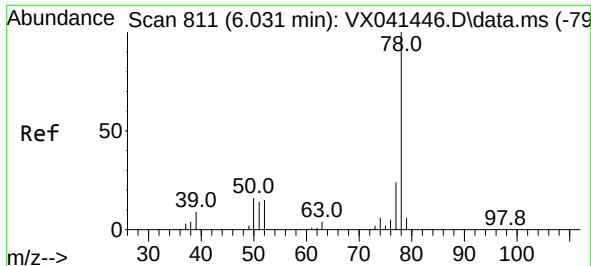
Delta R.T. 0.006 min

Lab File: VX041451.D

Acq: 10 May 2024 11:26

Tgt Ion: 117	Resp: 5065
Ion Ratio	Lower Upper
117 100	
119 95.5	76.3 114.5





#33

Benzene

Concen: 2.828 ug/L

RT: 6.037 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX041451.D

Acq: 10 May 2024 11:26

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT2-2024-04

Tgt Ion: 78 Resp: 15744

Manual Integrations
APPROVED

Reviewed By :John

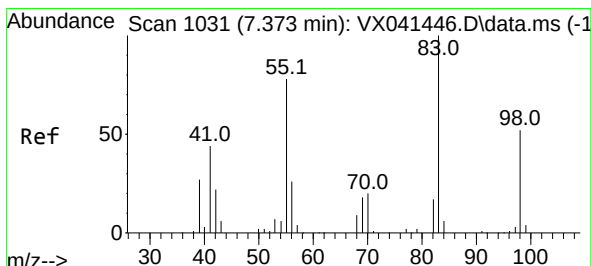
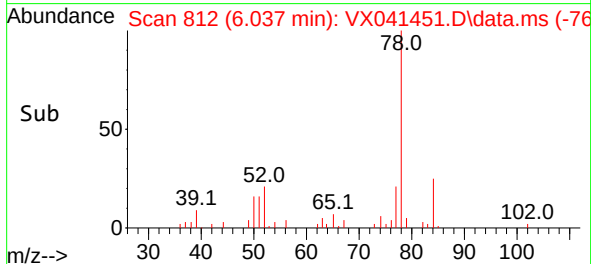
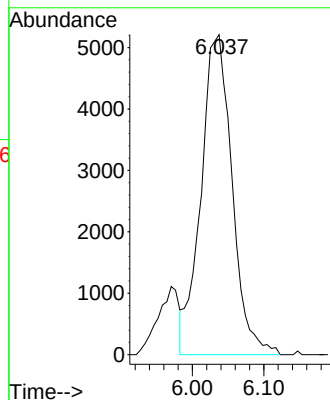
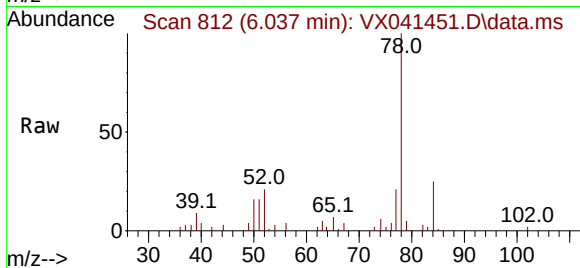
Carlone

05/13/2024

Supervised By :Mahesh

Dadoda

05/13/2024



#35

Methylcyclohexane

Concen: 2.764 ug/L

RT: 7.373 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX041451.D

Acq: 10 May 2024 11:26

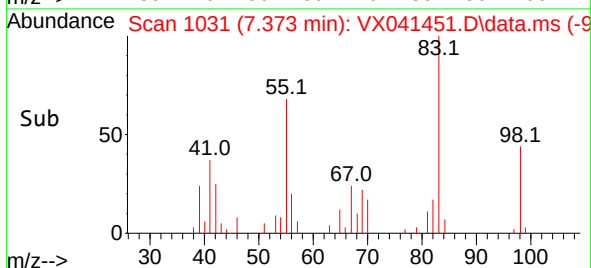
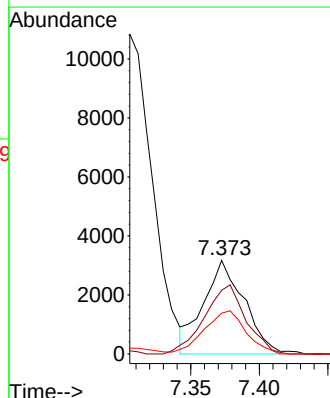
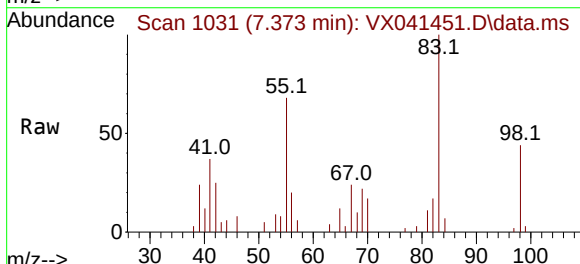
Tgt Ion: 83 Resp: 6530

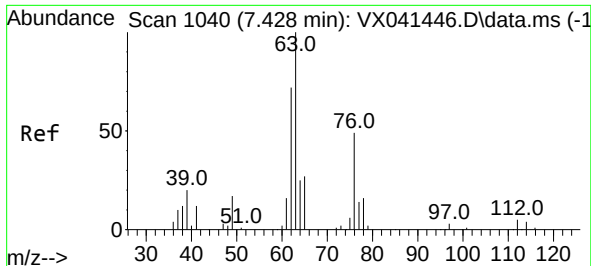
Ion Ratio Lower Upper

83 100

55 75.0 59.0 88.4

98 47.1 40.8 61.2





#37
1,2-Dichloropropane
Concen: 2.929 ug/L m
RT: 7.434 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX041451.D
Acq: 10 May 2024 11:26

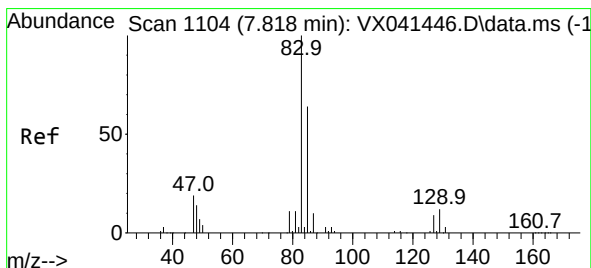
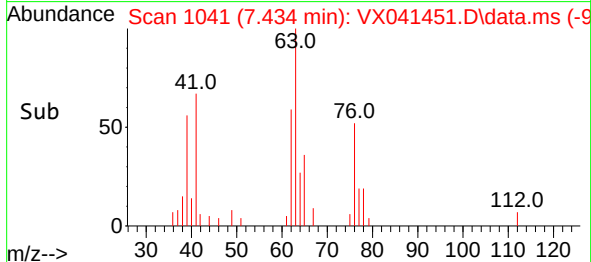
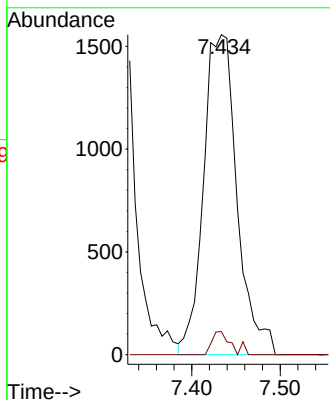
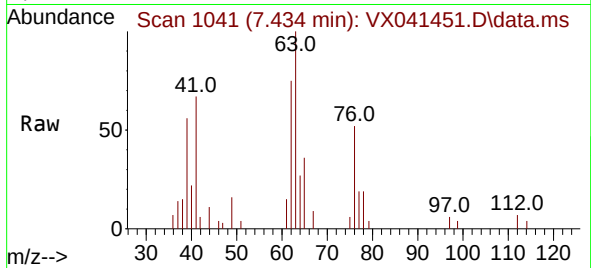
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2024-04

Tgt Ion: 63 Resp: 4100
Ion Ratio Lower Upper
63 100
112 3.5 4.1 6.1

Manual Integrations
APPROVED

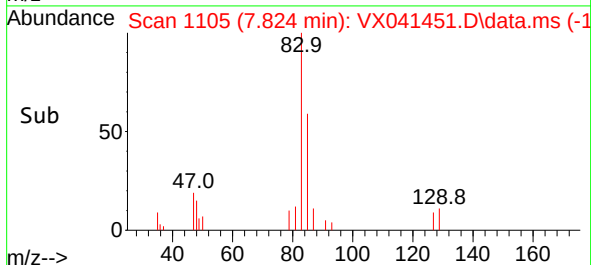
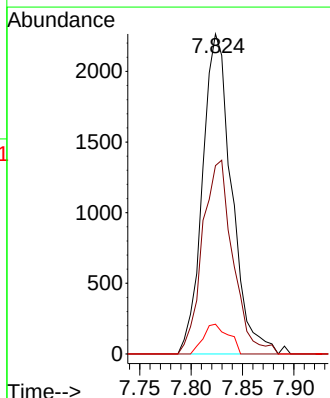
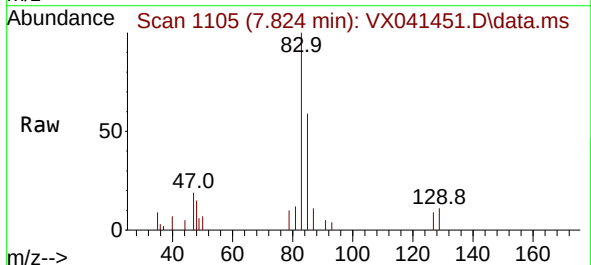
Reviewed By :John
Carlone
05/13/2024

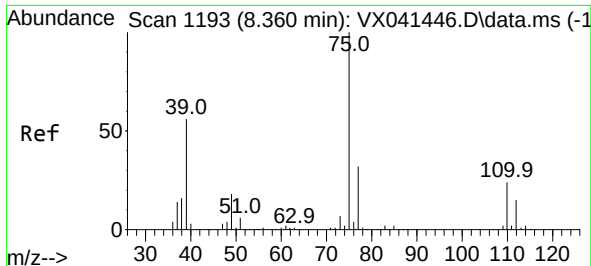
Supervised By :Mahesh
Dadoda
05/13/2024



#38
Bromodichloromethane
Concen: 2.358 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX041451.D
Acq: 10 May 2024 11:26

Tgt Ion: 83 Resp: 4468
Ion Ratio Lower Upper
83 100
85 58.9 44.7 83.1
127 9.3 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 2.532 ug/L

RT: 8.366 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VX041451.D

Acq: 10 May 2024 11:26

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT2-2024-04

Tgt Ion: 75 Resp: 5878
 Ion Ratio Lower Upper
 75 100
 77 32.5 21.8 40.6

Manual Integrations

APPROVED

Reviewed By :John

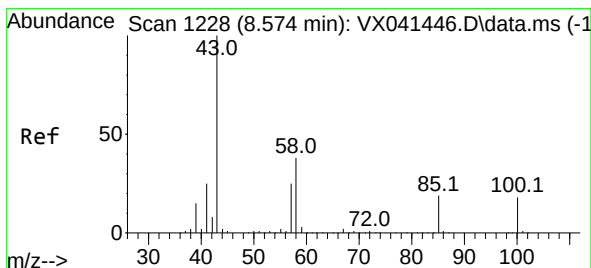
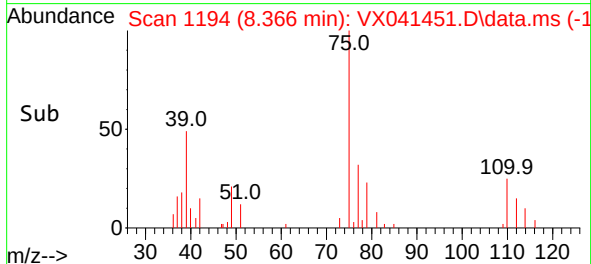
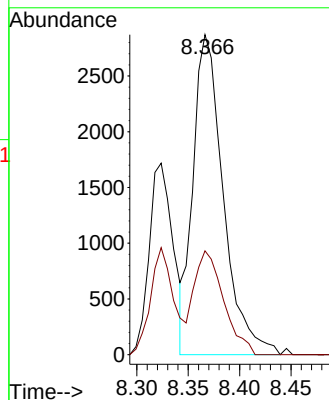
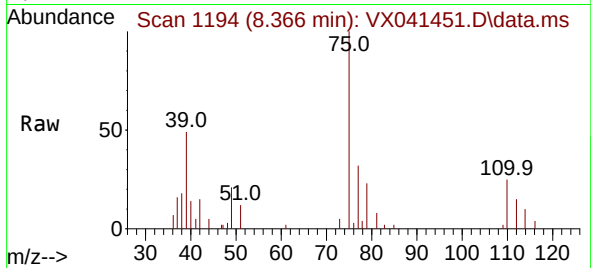
Carlone

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Supervised By :Mahesh

Dadoda

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#40

4-Methyl-2-pentanone

Concen: 4.569 ug/L

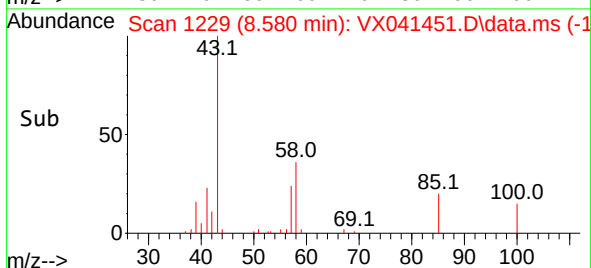
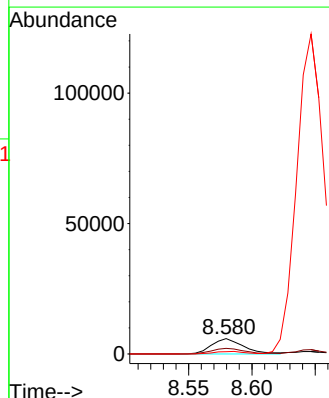
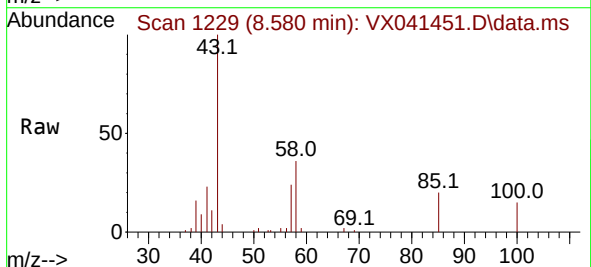
RT: 8.580 min Scan# 1229

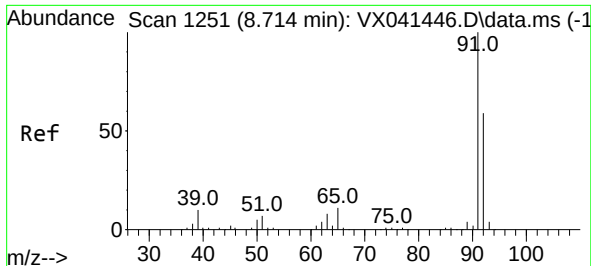
Delta R.T. 0.006 min

Lab File: VX041451.D

Acq: 10 May 2024 11:26

Tgt Ion: 43 Resp: 10308
 Ion Ratio Lower Upper
 43 100
 58 38.6 30.9 46.3
 100 16.1 13.6 20.4





#42

Toluene

Concen: 2.716 ug/L

RT: 8.720 min Scan# 1251

Delta R.T. 0.006 min

Lab File: VX041451.D

Acq: 10 May 2024 11:26

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT2-2024-04

Tgt Ion: 91 Resp: 16498

Ion Ratio Lower Upper

91 100

92 57.2 42.4 78.6

Manual Integrations

APPROVED

Reviewed By :John

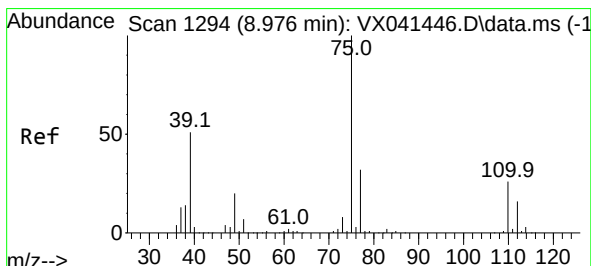
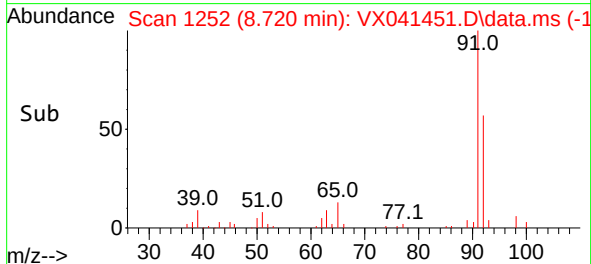
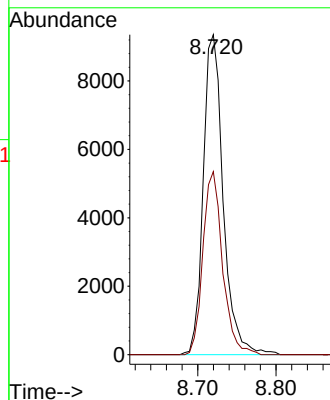
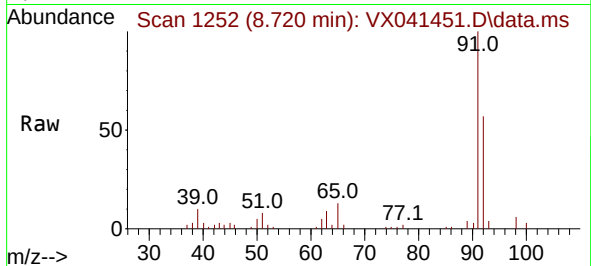
Carlone

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Supervised By :Mahesh

Dadoda

05/13/2024



#44

trans-1,3-Dichloropropene

Concen: 2.497 ug/L m

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX041451.D

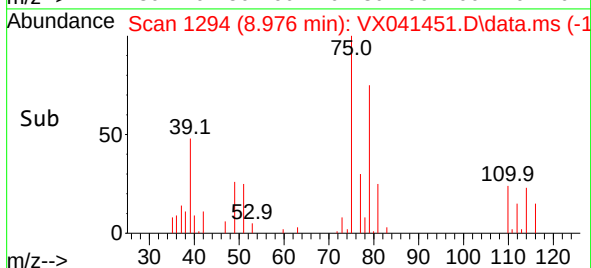
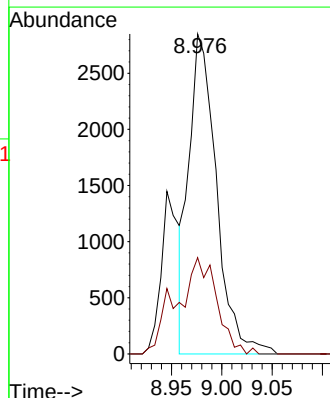
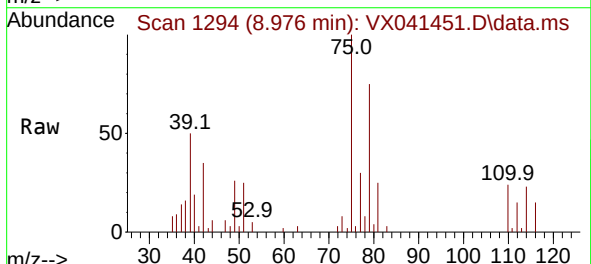
Acq: 10 May 2024 11:26

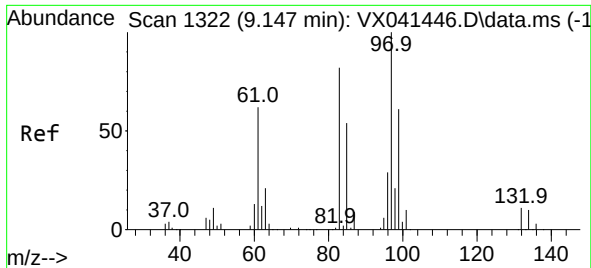
Tgt Ion: 75 Resp: 5405

Ion Ratio Lower Upper

75 100

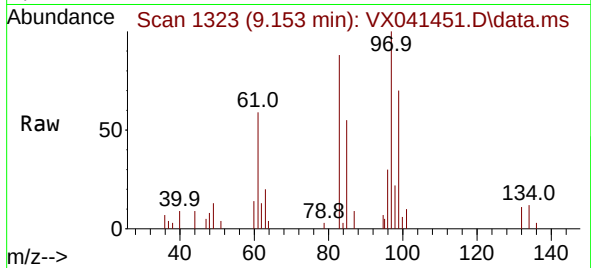
77 30.1 22.3 41.3





#45
1,1,2-Trichloroethane
Concen: 2.633 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX041451.D
Acq: 10 May 2024 11:26

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2024-04

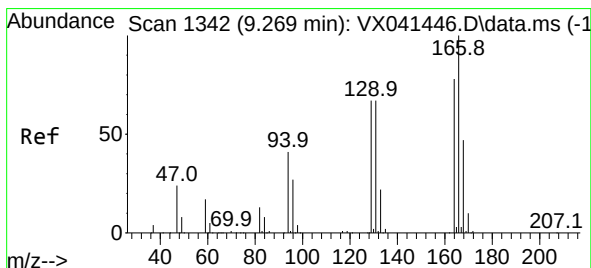
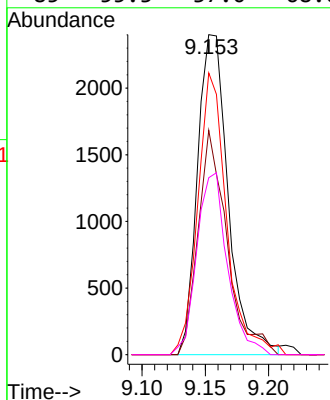
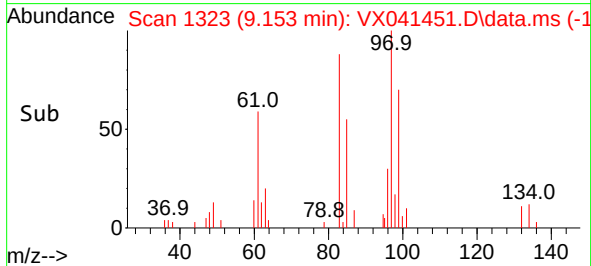


Tgt Ion	Ratio	Lower	Upper
97	100		
99	70.1	43.4	80.6
83	88.0	56.1	104.3
85	55.3	37.0	68.6

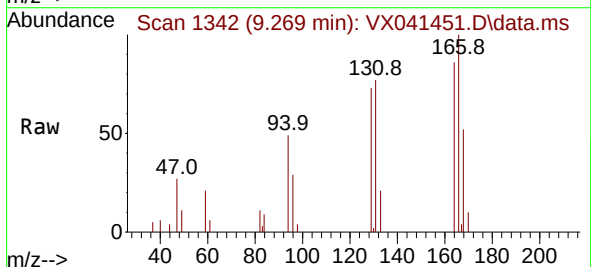
Manual Integrations
APPROVED

Reviewed By :John
Carlone
05/13/2024

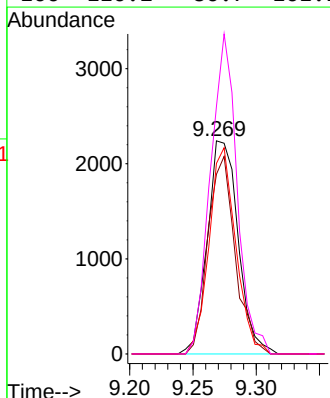
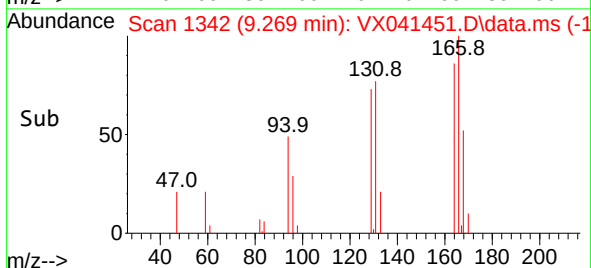
Supervised By :Mahesh
Dadoda
05/13/2024

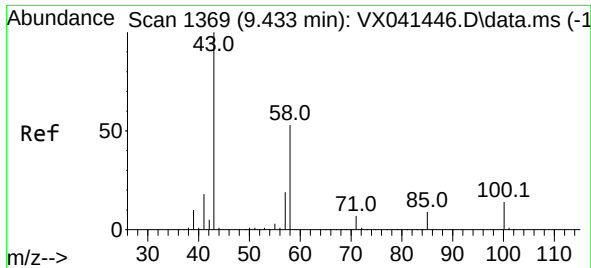


#46
Tetrachloroethene
Concen: 2.603 ug/L
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX041451.D
Acq: 10 May 2024 11:26



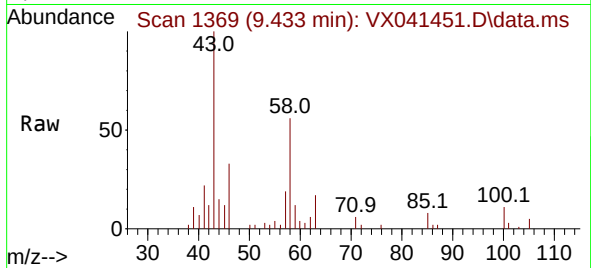
Tgt Ion	Ratio	Lower	Upper
164	100		
129	84.3	59.4	110.4
131	89.4	58.7	108.9
166	116.2	86.7	161.1





#48
2-Hexanone
Concen: 5.025 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX041451.D
Acq: 10 May 2024 11:26

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT2-2024-04

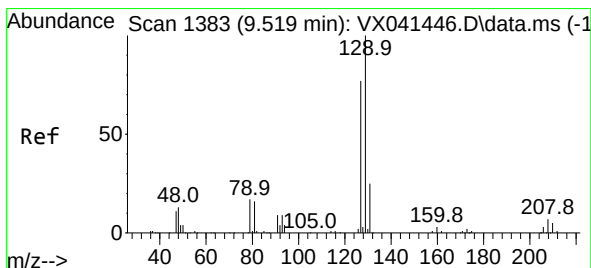
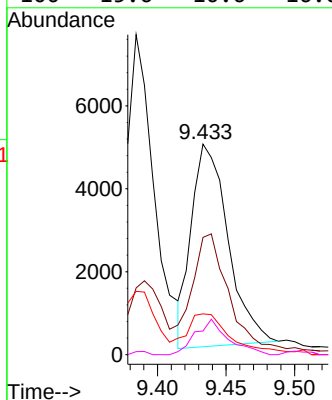


Tgt Ion: 43 Resp: 908
Ion Ratio Lower Upper
43 100
58 65.8 42.3 63.5
57 25.0 15.1 22.7
100 15.6 10.6 16.0

Manual Integrations
APPROVED

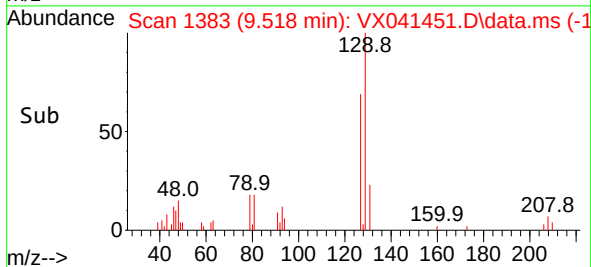
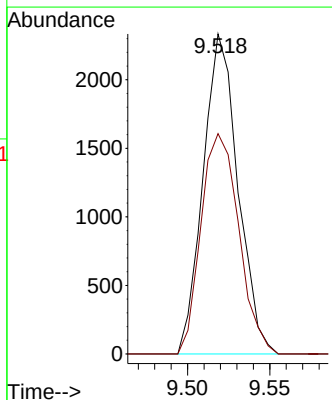
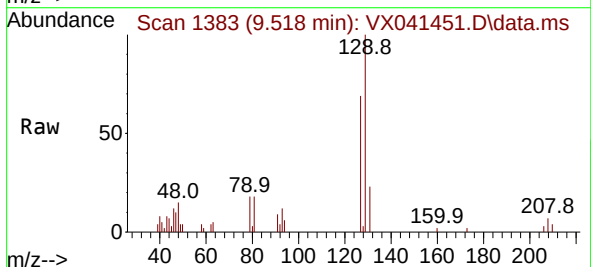
Reviewed By :John
Carlone
05/13/2024

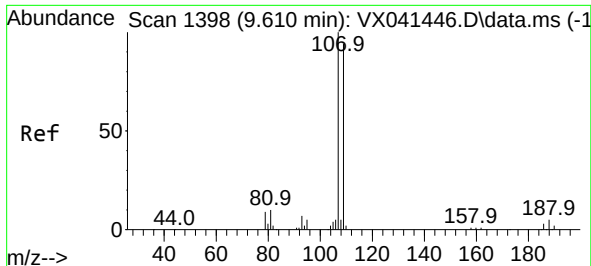
Supervised By :Mahesh
Dadoda
05/13/2024



#49
Dibromochloromethane
Concen: 2.197 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX041451.D
Acq: 10 May 2024 11:26

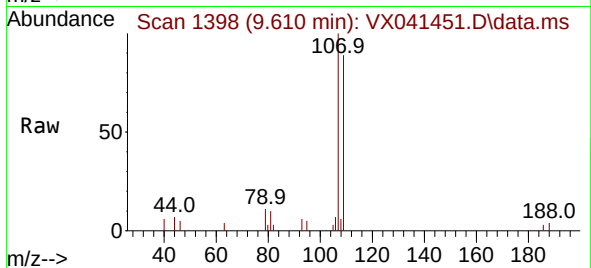
Tgt Ion:129 Resp: 3442
Ion Ratio Lower Upper
129 100
127 68.9 54.4 101.0





#50
1,2-Dibromoethane
Concen: 2.383 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX041451.D
Acq: 10 May 2024 11:26

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT2-2024-04

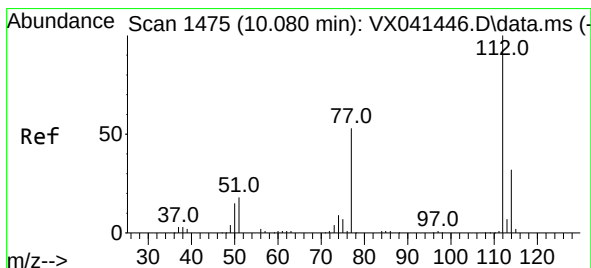
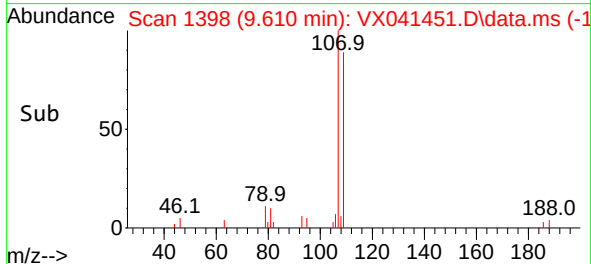
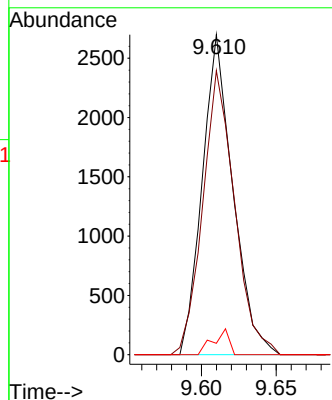


Tgt Ion:107 Resp: 384
Ion Ratio Lower Upper
107 100
109 88.8 66.1 122.7
188 3.6 4.0 6.0

Manual Integrations
APPROVED

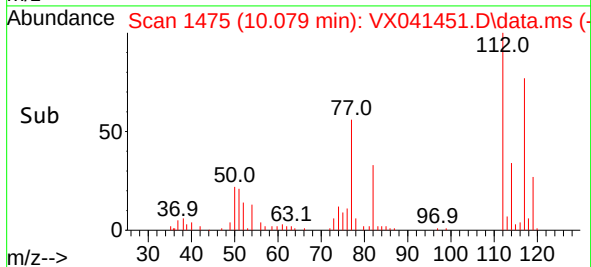
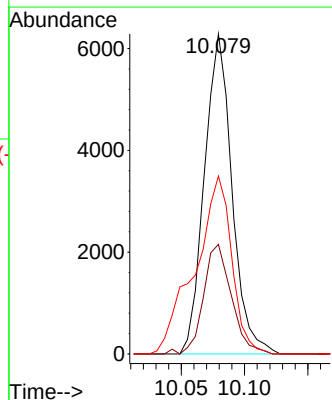
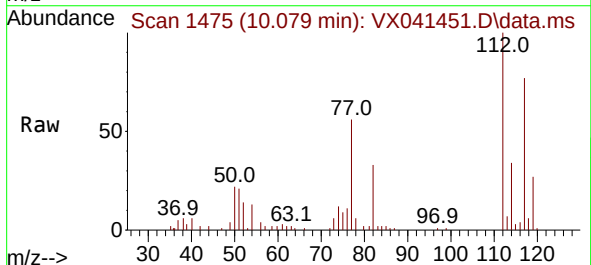
Reviewed By :John
Carlone
05/13/2024

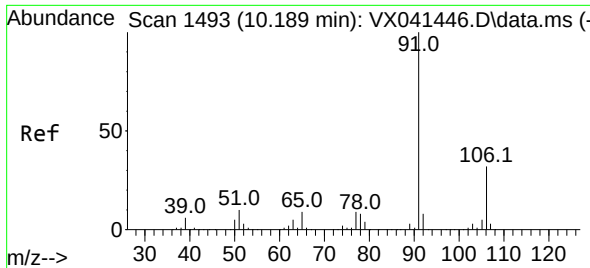
Supervised By :Mahesh
Dadoda
05/13/2024



#51
Chlorobenzene
Concen: 2.357 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX041451.D
Acq: 10 May 2024 11:26

Tgt Ion:112 Resp: 9547
Ion Ratio Lower Upper
112 100
114 34.3 22.0 41.0
77 55.6 41.7 62.5





#52
Ethylbenzene
Concen: 2.276 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX041451.D
Acq: 10 May 2024 11:26

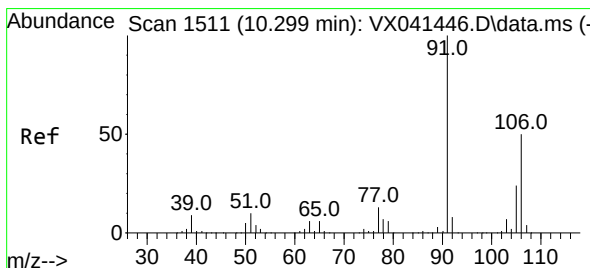
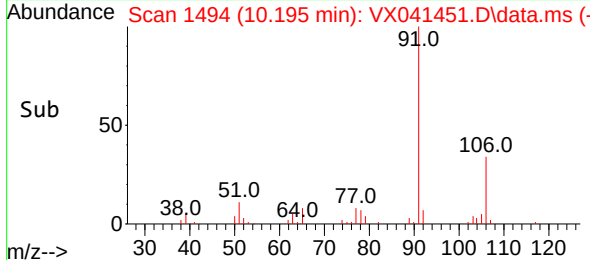
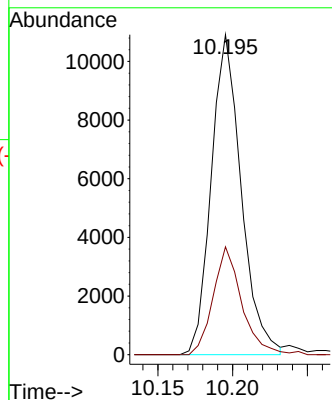
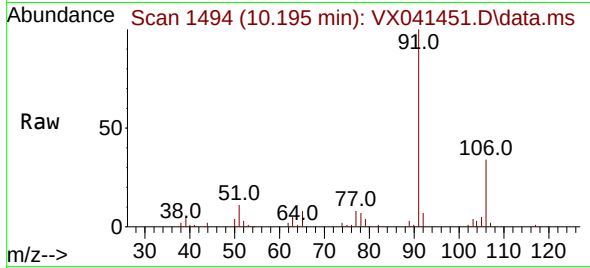
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2024-04

Tgt Ion: 91 Resp: 1517
Ion Ratio Lower Upper
91 100
106 33.7 22.2 41.2

Manual Integrations
APPROVED

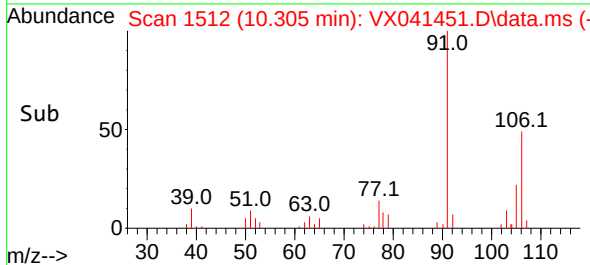
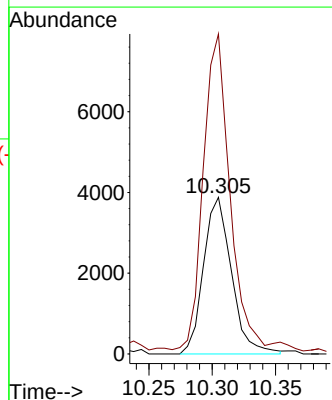
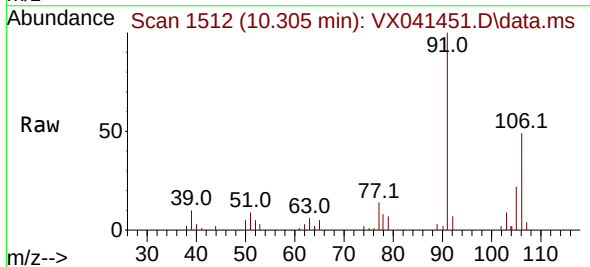
Reviewed By :John
Carlone
05/13/2024

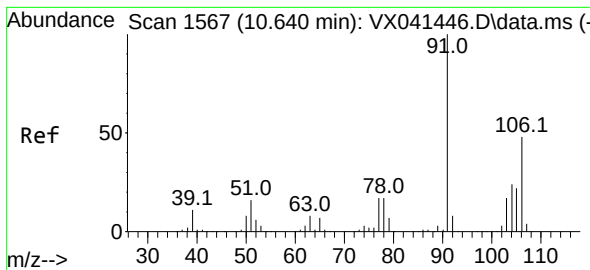
Supervised By :Mahesh
Dadoda
05/13/2024



#53
m,p-Xylene
Concen: 2.239 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX041451.D
Acq: 10 May 2024 11:26

Tgt Ion:106 Resp: 5970
Ion Ratio Lower Upper
106 100
91 204.4 138.1 256.5





#54

o-Xylene

Concen: 2.123 ug/L

RT: 10.646 min Scan# 1567

Delta R.T. 0.006 min

Lab File: VX041451.D

Acq: 10 May 2024 11:26

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT2-2024-04

Tgt Ion:106 Resp: 5769

Ion Ratio Lower Upper

106 100

91 198.5 148.4 275.6

Manual Integrations

APPROVED

Reviewed By :John

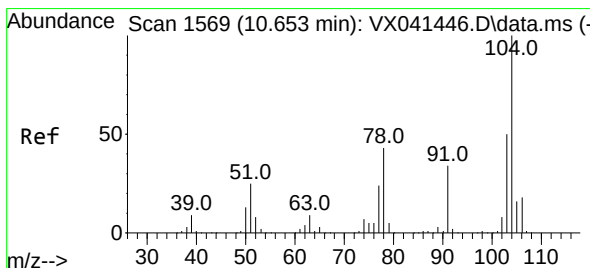
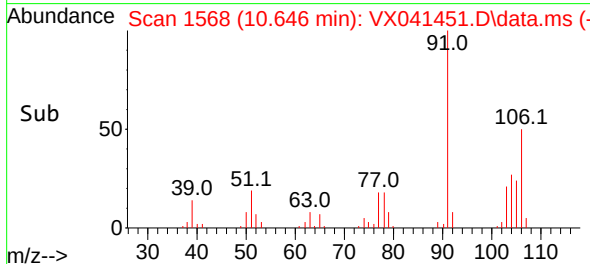
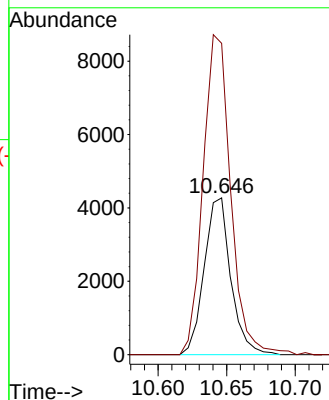
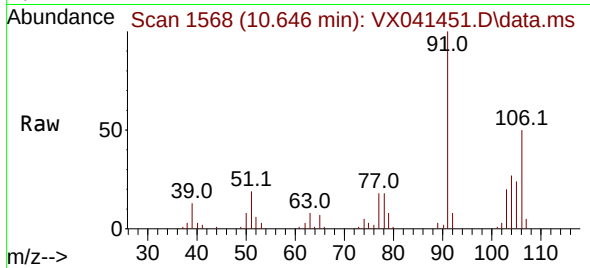
Carlone

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Supervised By :Mahesh

Dadoda

05/13/2024



#55

Styrene

Concen: 2.014 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX041451.D

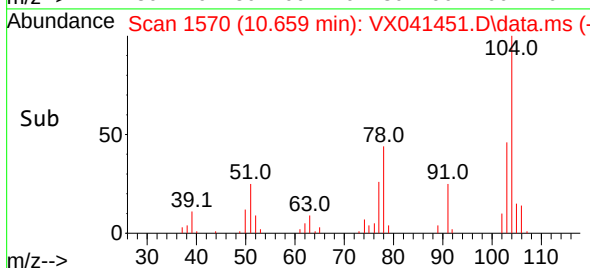
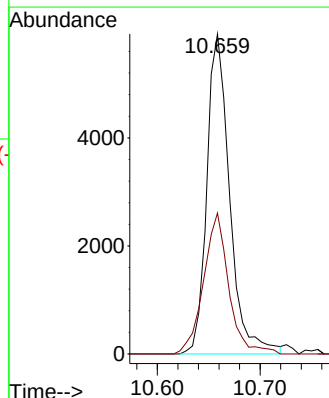
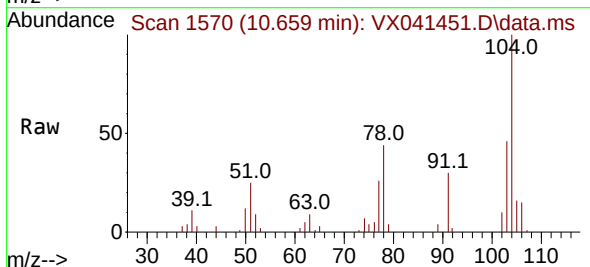
Acq: 10 May 2024 11:26

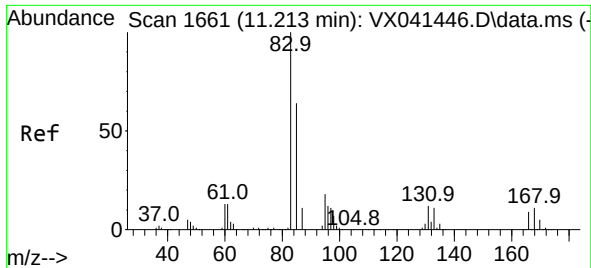
Tgt Ion:104 Resp: 9139

Ion Ratio Lower Upper

104 100

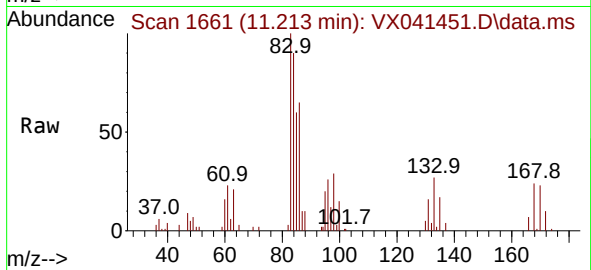
78 44.0 31.2 58.0





#57
1,1,2,2-Tetrachloroethane
Concen: 2.488 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX041451.D
Acq: 10 May 2024 11:26

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT2-2024-04

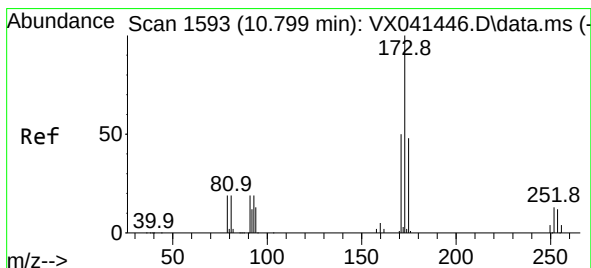
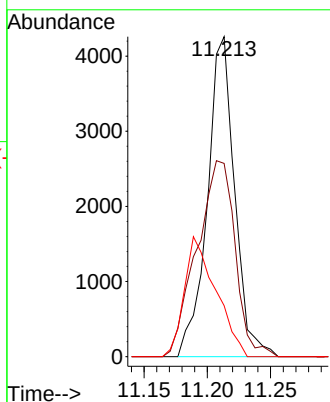
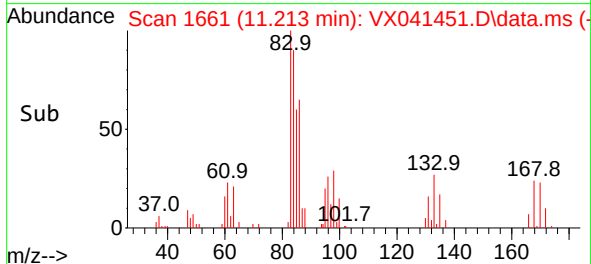


Tgt Ion:	83	Resp:	6399
Ion Ratio	Lower	Upper	
83	100		
85	60.4	45.4	84.4
131	15.9	9.0	13.4

Manual Integrations
APPROVED

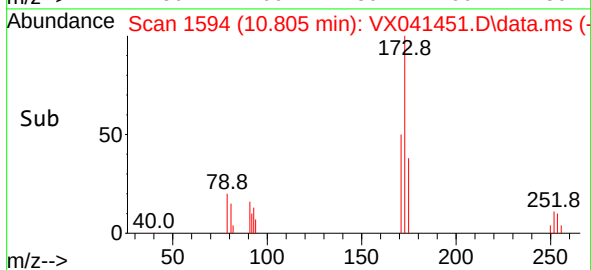
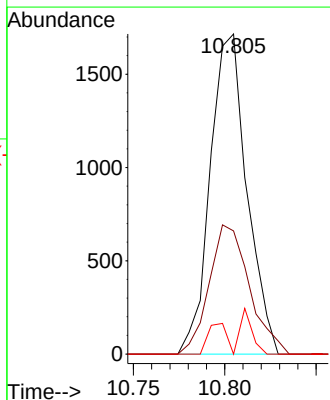
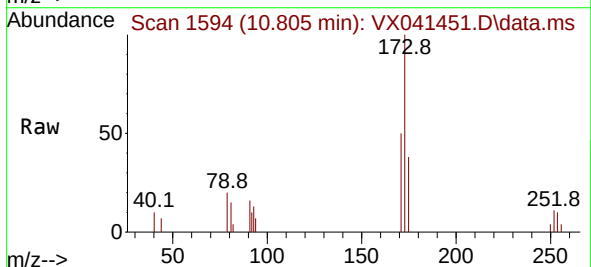
Reviewed By :John
Carlone
05/13/2024

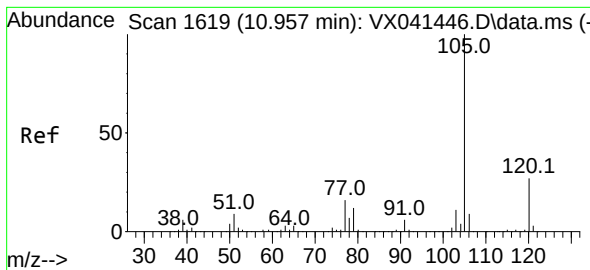
Supervised By :Mahesh
Dadoda
05/13/2024



#59
Bromoform
Concen: 2.029 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX041451.D
Acq: 10 May 2024 11:26

Tgt Ion:	173	Resp:	2397
Ion Ratio	Lower	Upper	
173	100		
175	44.2	38.6	58.0
254	4.8	10.0	15.0





#60

Isopropylbenzene

Concen: 2.352 ug/L

RT: 10.963 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX041451.D

Acq: 10 May 2024 11:26

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT2-2024-04

Tgt Ion:	105	Resp:	1448
Ion	Ratio	Lower	Upper
105	100		
120	25.3	22.0	33.0
77	14.4	12.1	18.1

Manual Integrations

APPROVED

Reviewed By :John

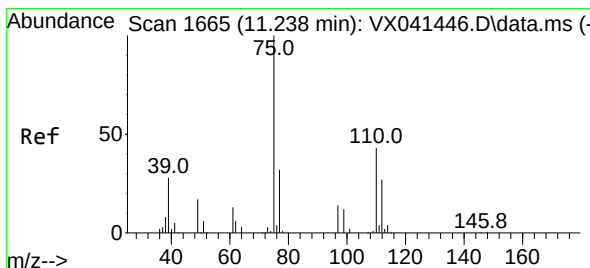
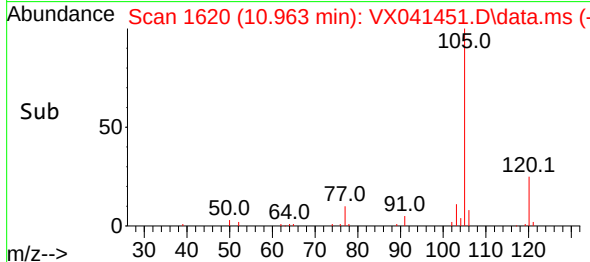
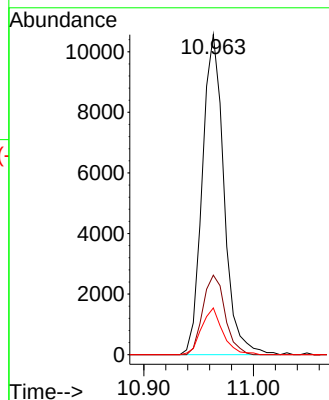
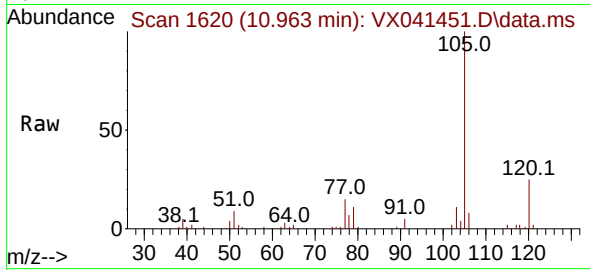
Carlone

05/13/2024

Supervised By :Mahesh

Dadoda

05/13/2024



#61

1,2,3-Trichloropropane

Concen: 2.574 ug/L

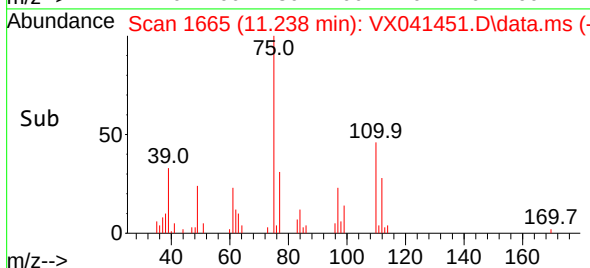
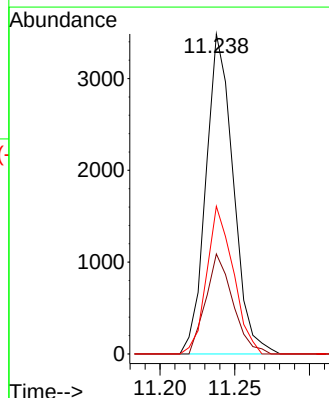
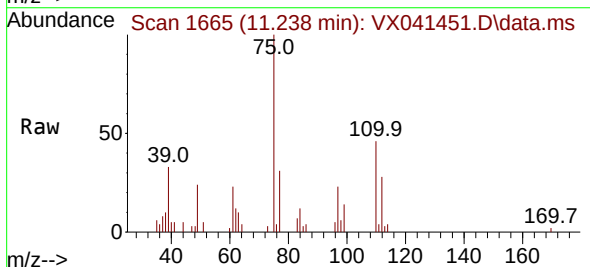
RT: 11.238 min Scan# 1665

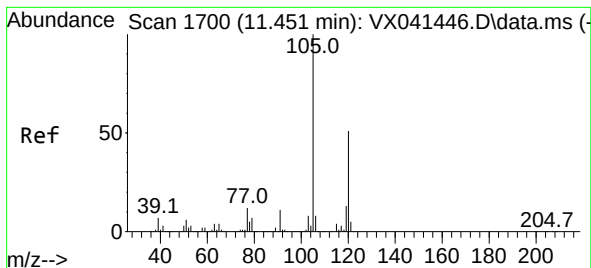
Delta R.T. -0.000 min

Lab File: VX041451.D

Acq: 10 May 2024 11:26

Tgt Ion:	75	Resp:	4442
Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.8	38.6
110	44.8	34.8	52.2





#62

1,3,5-Trimethylbenzene

Concen: 2.172 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX041451.D

Acq: 10 May 2024 11:26

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT2-2024-04

Tgt Ion:105 Resp: 9039
Ion Ratio Lower Upper
105 100
120 48.6 40.6 61.0

Manual Integrations

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Reviewed By :John

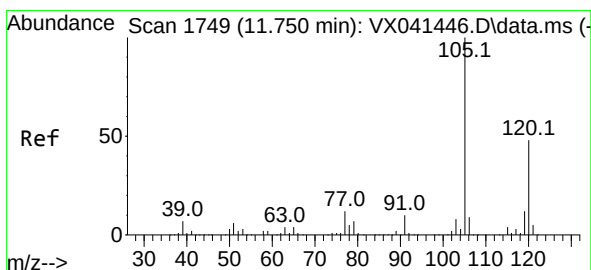
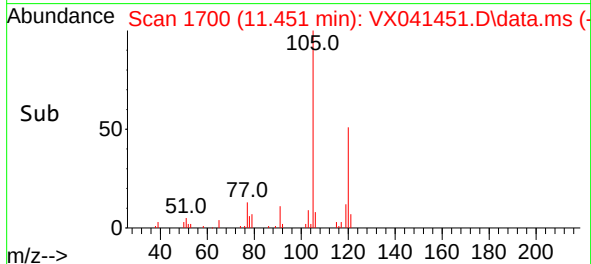
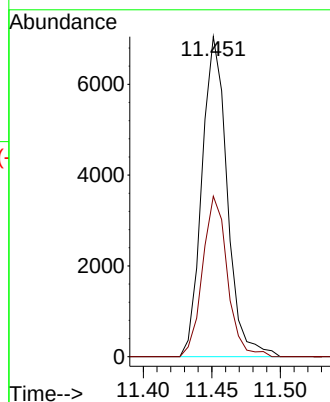
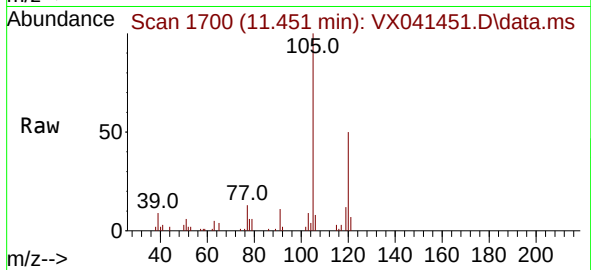
Carlone

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Supervised By :Mahesh

Dadoda

05/13/2024



#63

1,2,4-Trimethylbenzene

Concen: 2.061 ug/L

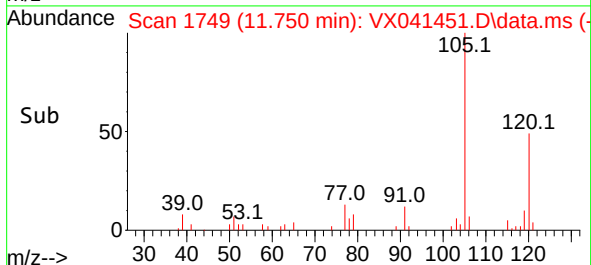
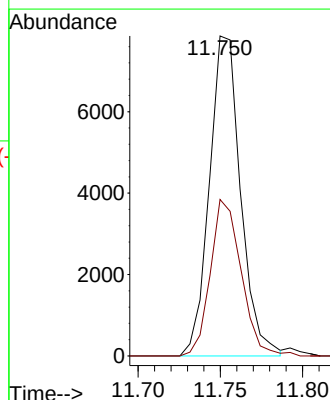
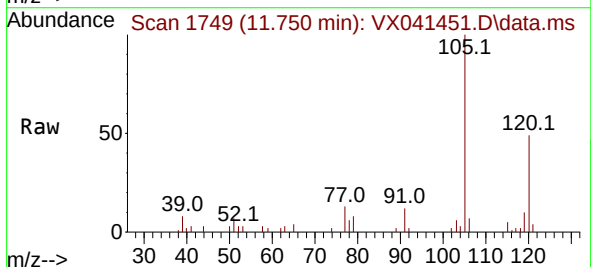
RT: 11.750 min Scan# 1749

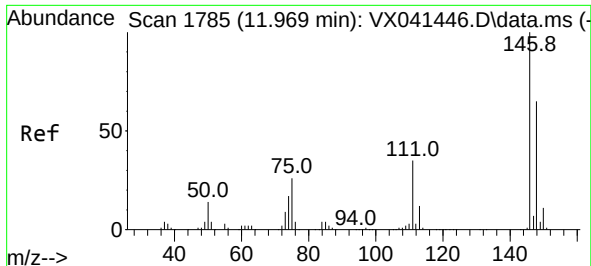
Delta R.T. -0.000 min

Lab File: VX041451.D

Acq: 10 May 2024 11:26

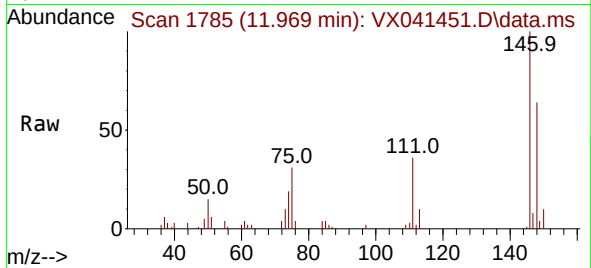
Tgt Ion:105 Resp: 10390
Ion Ratio Lower Upper
105 100
120 48.2 37.9 56.9





#64
1,3-Dichlorobenzene
Concen: 2.360 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX041451.D
Acq: 10 May 2024 11:26

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT2-2024-04

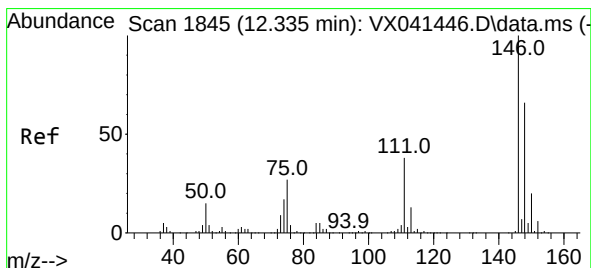
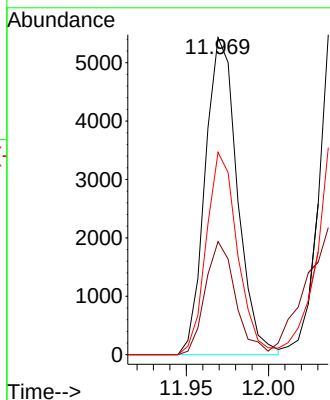


Tgt Ion:146 Resp: 7390
Ion Ratio Lower Upper
146 100
111 35.7 24.8 46.1
148 63.8 44.8 83.2

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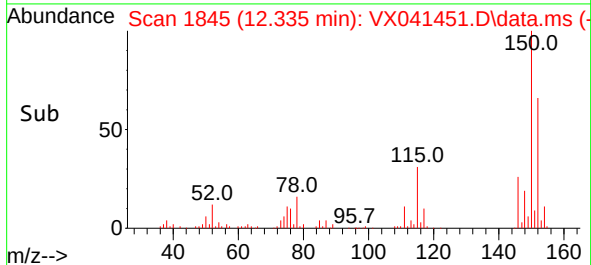
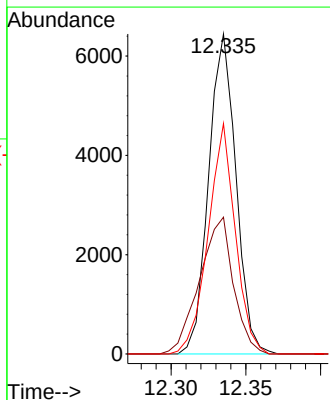
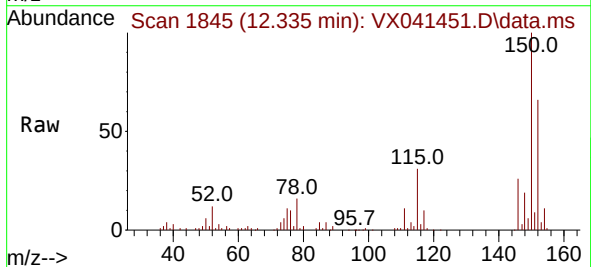
Reviewed By :John
Carlone
05/13/2024

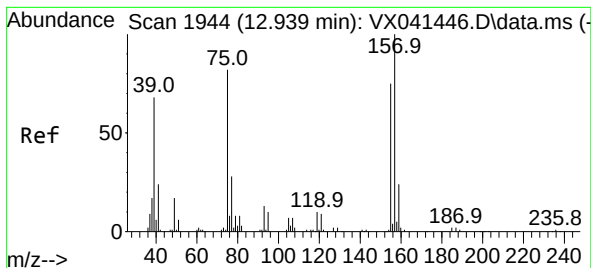
Supervised By :Mahesh
Dadoda
05/13/2024



#67
1,2-Dichlorobenzene
Concen: 2.525 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX041451.D
Acq: 10 May 2024 11:26

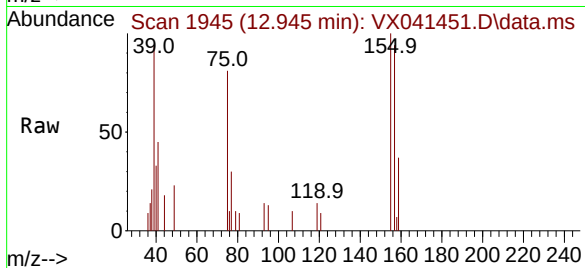
Tgt Ion:146 Resp: 8193
Ion Ratio Lower Upper
146 100
111 42.7 30.2 45.2
148 72.0 52.3 78.5





#68
1,2-Dibromo-3-chloropropane
Concen: 1.960 ug/L m
RT: 12.945 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VX041451.D
Acq: 10 May 2024 11:26

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2024-04

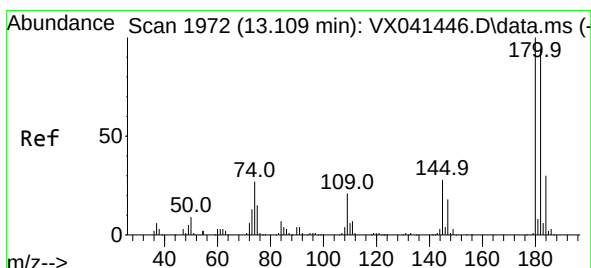
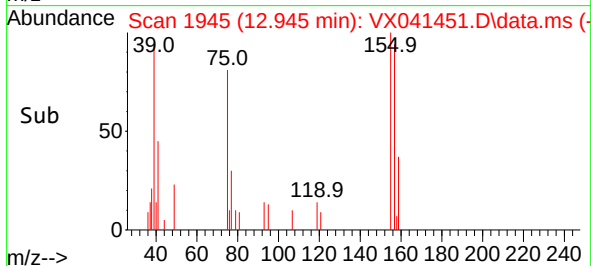
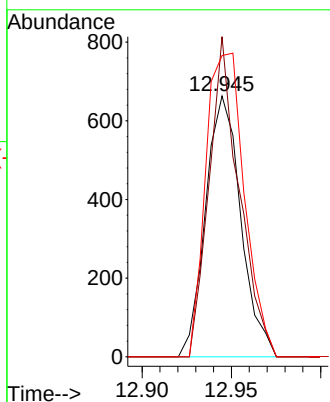


Tgt Ion: 75 Resp: 910
Ion Ratio Lower Upper
75 100
155 122.8 83.2 124.8
157 115.5 103.0 154.6

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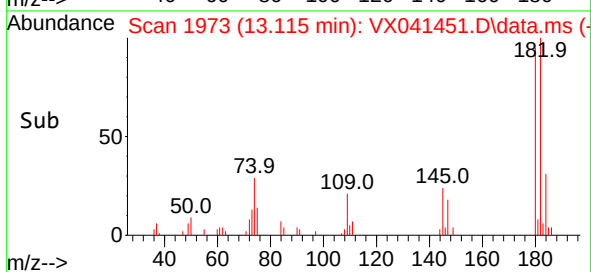
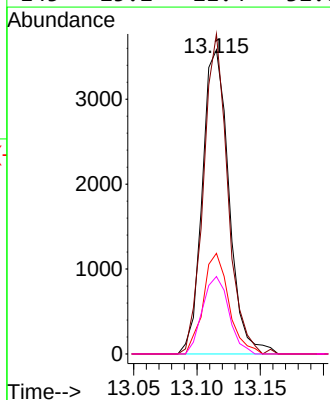
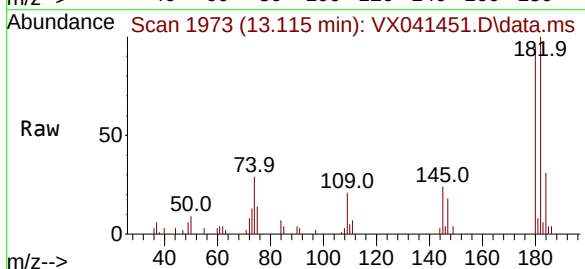
Reviewed By :John
Carlone
05/13/2024

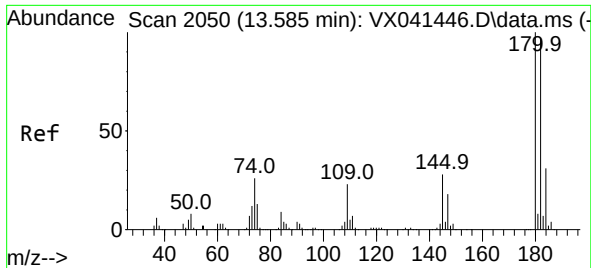
Supervised By :Mahesh
Dadoda
05/13/2024



#69
1,3,5-Trichlorobenzene
Concen: 2.244 ug/L
RT: 13.115 min Scan# 1973
Delta R.T. 0.006 min
Lab File: VX041451.D
Acq: 10 May 2024 11:26

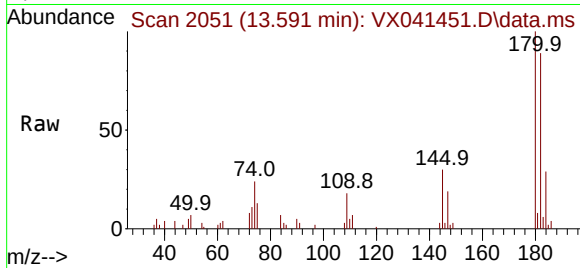
Tgt Ion:180 Resp: 5249
Ion Ratio Lower Upper
180 100
182 95.4 76.9 115.3
184 31.8 24.3 36.5
145 25.2 21.4 32.0





#70
1,2,4-trichlorobenzene
Concen: 2.352 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX041451.D
Acq: 10 May 2024 11:26

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2024-04

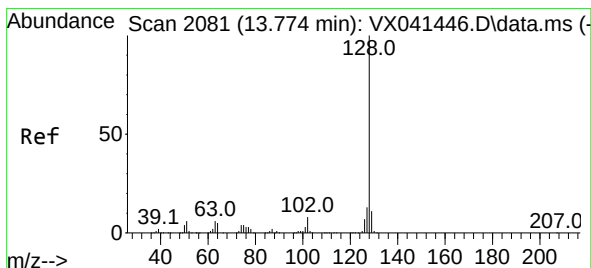
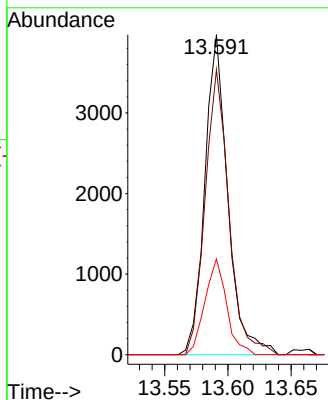
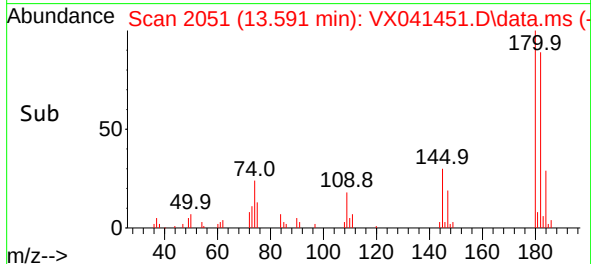


Tgt Ion:180 Resp: 502
Ion Ratio Lower Upper
180 100
182 92.1 76.3 114.5
145 28.3 22.0 33.0

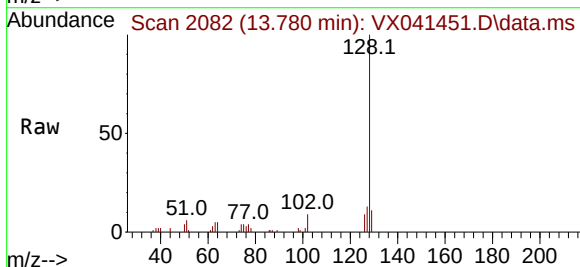
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Reviewed By :John
Carlone
05/13/2024

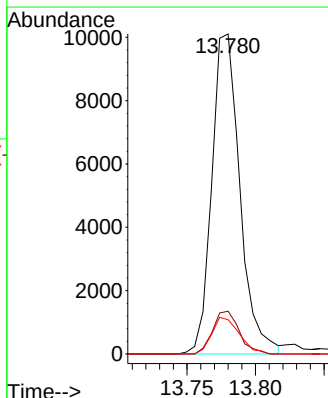
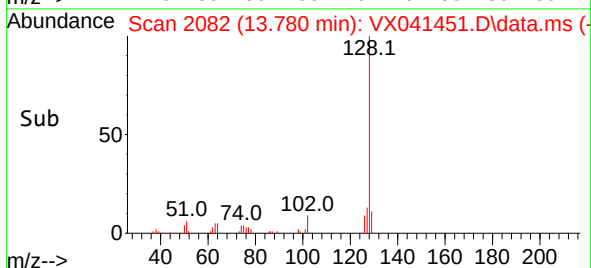
Supervised By :Mahesh
Dadoda
05/13/2024

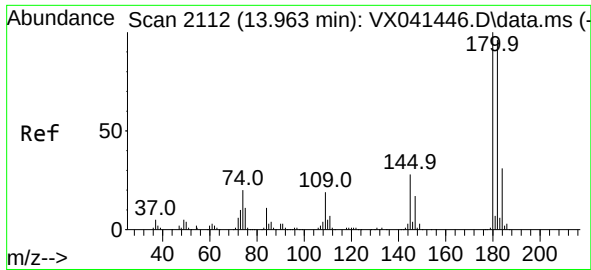


#71
Naphthalene
Concen: 2.258 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX041451.D
Acq: 10 May 2024 11:26



Tgt Ion:128 Resp: 14396
Ion Ratio Lower Upper
128 100
127 12.6 10.6 15.8
129 11.2 8.8 13.2





#72

1,2,3-Trichlorobenzene

Concen: 2.566 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX041451.D

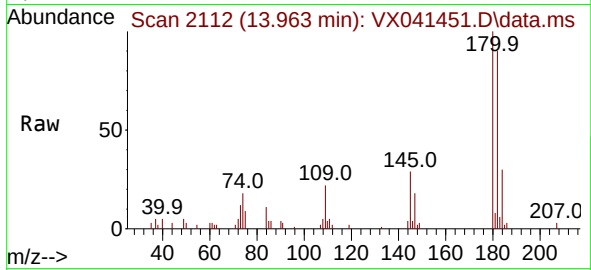
Acq: 10 May 2024 11:26

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT2-2024-04



Tgt Ion:180 Resp: 571

Ion Ratio Lower Upper

180 100

182 92.5 77.5 116.3

145 29.1 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :John

Carlone

05/13/2024

Supervised By :Mahesh

Dadoda

05/13/2024

