

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020323\
 Data File : VX034003.D
 Acq On : 03 Feb 2023 10:42
 Operator : JC/MD
 Sample : 01378-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-QT1-2023-01

Quant Time: Feb 04 03:32:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML020223WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 04 03:17:09 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 02/06/2023
 Supervised By :Mahesh Dadoda 02/06/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	230472	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	198955	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	104798	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	63400	41.305	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.620%		
7) Chloroethane-d5	1.672	69	43911	47.123	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.240%		
11) 1,1-Dichloroethene-d2	2.306	63	99924	35.528	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.060%		
21) 2-Butanone-d5	4.446	46	85773	97.467	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.470%		
24) Chloroform-d	5.050	84	129117	46.895	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.800%		
26) 1,2-Dichloroethane-d4	5.952	65	80762	48.615	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.240%		
32) Benzene-d6	5.970	84	273973	48.039	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.080%		
36) 1,2-Dichloropropane-d6	7.306	67	82672	49.032	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.060%		
41) Toluene-d8	8.647	98	255937	47.307	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.620%		
43) trans-1,3-Dichloroprop...	8.946	79	35623	46.556	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.120%		
47) 2-Hexanone-d5	9.378	63	61262	96.890	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.890%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	102600	48.528	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.060%		
66) 1,2-Dichlorobenzene-d4	12.317	152	105130	50.119	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.240%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	4700	2.741	ug/L	99
3) Chloromethane	1.294	50	4232	2.704	ug/L	98
5) Vinyl chloride	1.374	62	4683	2.959	ug/L #	76
6) Bromomethane	1.611	94	2281	2.779	ug/L	97
8) Chloroethane	1.691	64	2373	2.821	ug/L	95
9) Trichlorofluoromethane	1.892	101	6480	2.889	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	5467	3.524	ug/L	86
12) 1,1-Dichloroethene	2.319	96	4963	3.498	ug/L #	1
13) Acetone	2.380	43	5162	5.702	ug/L	99
14) Carbon disulfide	2.514	76	10484	2.730	ug/L #	94
15) Methyl Acetate	2.703	43	4037	2.799	ug/L	98
16) Methylene chloride	2.782	84	4859	3.234	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	4138	2.825	ug/L	95
18) Methyl tert-butyl Ether	3.111	73	11980	2.809	ug/L #	90
19) 1,1-Dichloroethane	3.605	63	6951	2.719	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	4927	2.943	ug/L	98
22) 2-Butanone	4.556	43	6510	5.787	ug/L	76
23) Bromochloromethane	4.897	128	2565	2.791	ug/L #	77
27) 1,2-Dichloroethane	6.080	62	6047	2.984	ug/L	99

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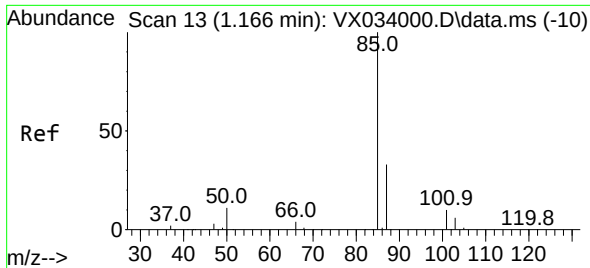
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.464	56	6911	2.840	ug/L	99
30) 1,1,1-Trichloroethane	5.373	97	6190	2.753	ug/L	97
31) Carbon tetrachloride	5.672	117	5779	2.762	ug/L	98
33) Benzene	6.038	78	17323	2.928	ug/L	100
34) Trichloroethene	7.117	95	4661	2.907	ug/L	87
35) Methylcyclohexane	7.379	83	7408	2.897	ug/L	97
37) 1,2-Dichloropropane	7.428	63	4367	2.898	ug/L	98
38) Bromodichloromethane	7.824	83	5309	2.771	ug/L	93
39) cis-1,3-Dichloropropene	8.366	75	6042	2.612	ug/L	94
40) 4-Methyl-2-pentanone	8.574	43	9429	5.085	ug/L	99
42) Toluene	8.714	91	18320	2.895	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	5349m	2.599	ug/L	
45) 1,1,2-Trichloroethane	9.153	97	4265	2.796	ug/L	94
46) Tetrachloroethene	9.275	164	4445	2.887	ug/L	94
49) Dibromochloromethane	9.519	129	4579	2.782	ug/L	100
50) 1,2-Dibromoethane	9.610	107	4568	2.787	ug/L #	99
51) Chlorobenzene	10.079	112	12332	2.884	ug/L	98
52) Ethylbenzene	10.195	91	19760	2.841	ug/L	97
53) m,p-Xylene	10.299	106	7708	2.761	ug/L	99
54) o-Xylene	10.640	106	7407	2.746	ug/L	92
55) Styrene	10.659	104	12079	2.670	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	6593	3.075	ug/L	93
59) Bromoform	10.799	173	3225	2.529	ug/L	99
60) Isopropylbenzene	10.963	105	19781	2.889	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	4771	2.999	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	15393	2.747	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	14967	2.710	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	9592	2.818	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	10239	2.972	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	9798	2.943	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	880m	2.258	ug/L	
69) 1,3,5-Trichlorobenzene	13.116	180	7003	2.728	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	6135	2.632	ug/L	99
71) Naphthalene	13.774	128	15994	2.479	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	6367	2.767	ug/L	96

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



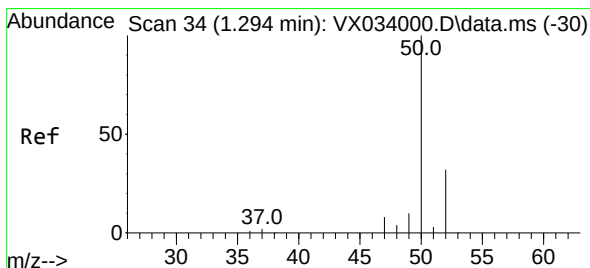
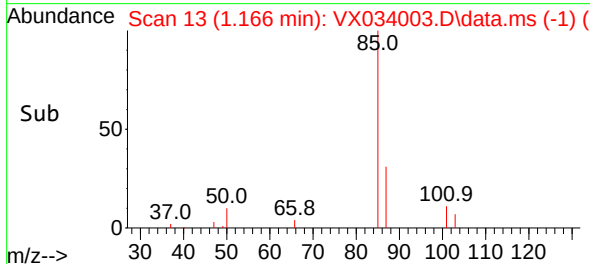
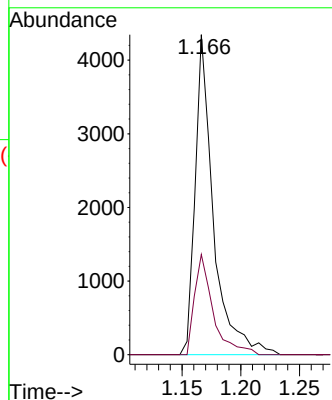
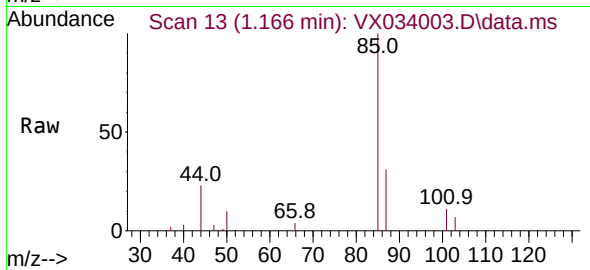
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 Dichlorodifluoromethane
 Concen: 2.741 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034003.D
 Acq: 03 Feb 2023 10:42

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-QT1-2023-01

Tgt Ion: 85 Resp: 4700
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.9 38.9

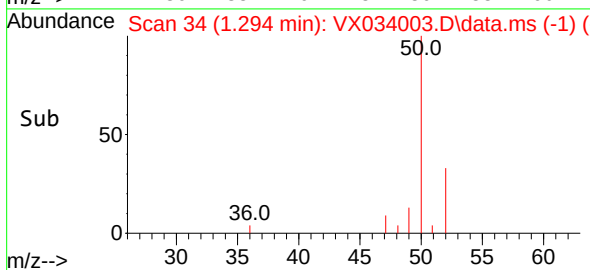
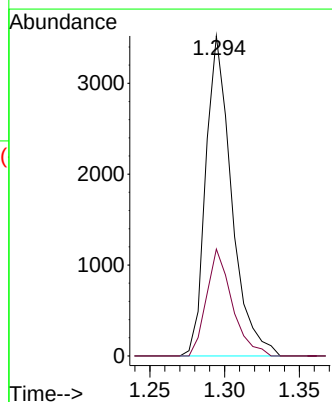
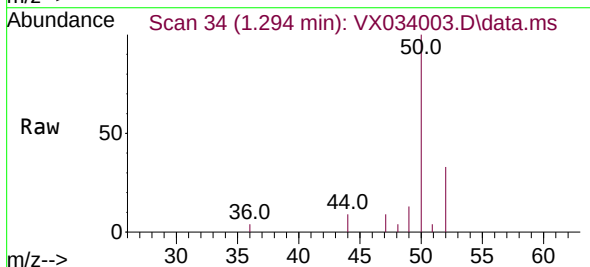
Manual Integrations
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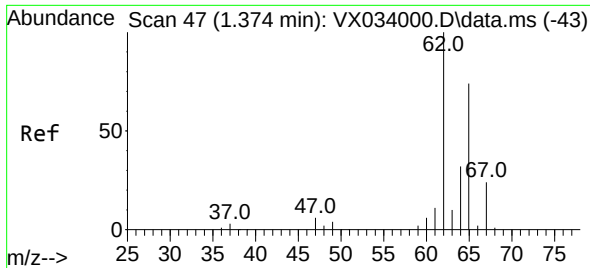
Reviewed By :Krupa Patel 02/06/2023
 Supervised By :Mahesh Dadoda 02/06/2023



#3
 Chloromethane
 Concen: 2.704 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX034003.D
 Acq: 03 Feb 2023 10:42

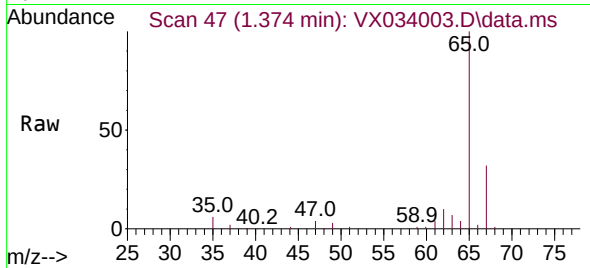
Tgt Ion: 50 Resp: 4232
 Ion Ratio Lower Upper
 50 100
 52 33.4 22.5 41.7





#5
 Vinyl chloride
 Concen: 2.959 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX034003.D
 Acq: 03 Feb 2023 10:42

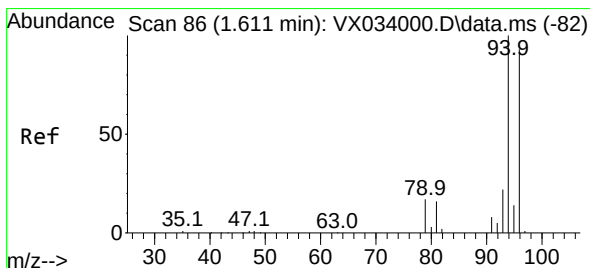
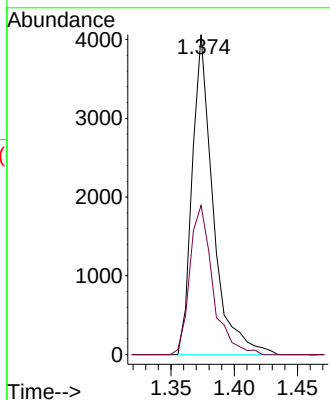
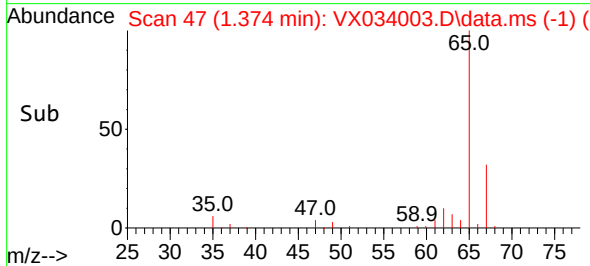
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-QT1-2023-01



Tgt Ion: 62 Resp: 468
 Ion Ratio Lower Upper
 62 100
 64 46.7 23.2 43.0

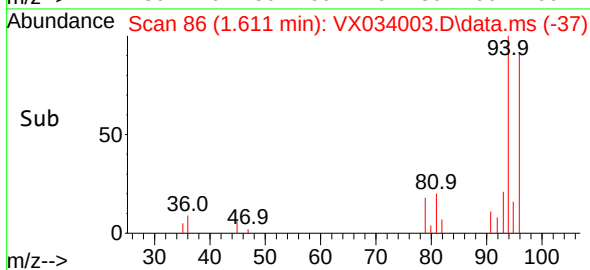
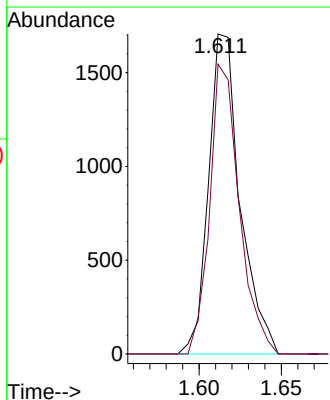
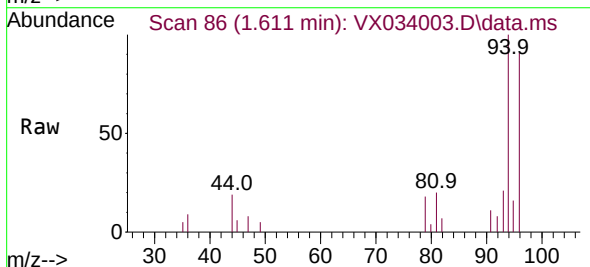
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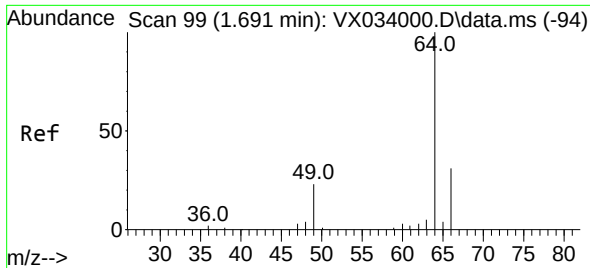
Reviewed By :Krupa Patel 02/06/2023
 Supervised By :Mahesh Dadoda 02/06/2023



#6
 Bromomethane
 Concen: 2.779 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: VX034003.D
 Acq: 03 Feb 2023 10:42

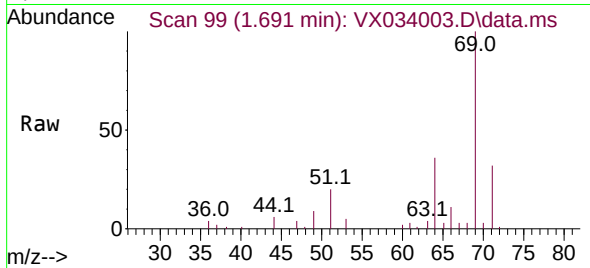
Tgt Ion: 94 Resp: 2281
 Ion Ratio Lower Upper
 94 100
 96 90.6 65.7 122.1





#8
Chloroethane
Concen: 2.821 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX034003.D
Acq: 03 Feb 2023 10:42

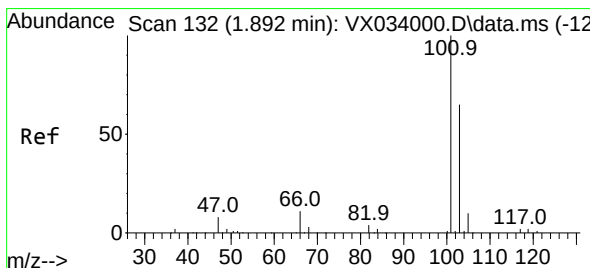
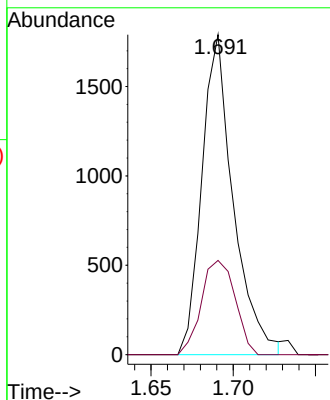
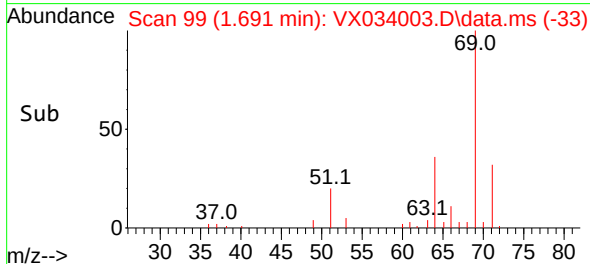
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2023-01



Tgt Ion: 64 Resp: 237
Ion Ratio Lower Upper
64 100
66 29.4 22.5 41.9

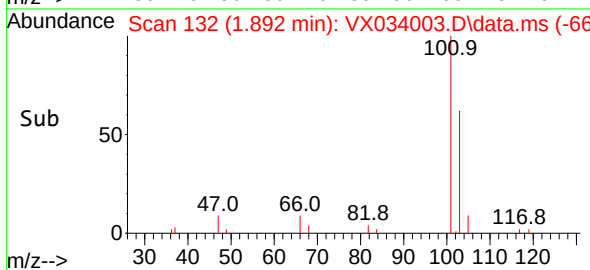
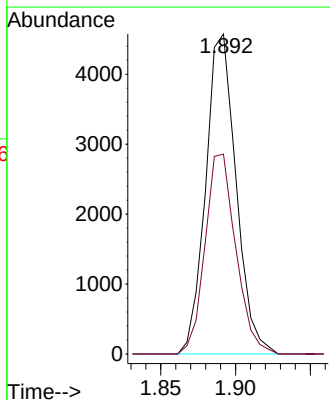
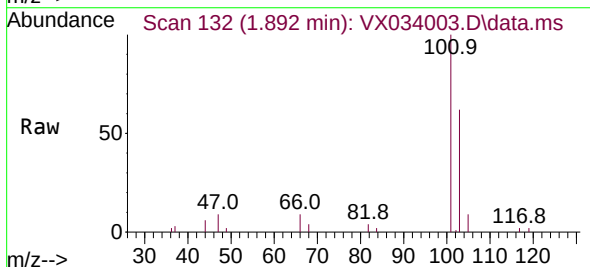
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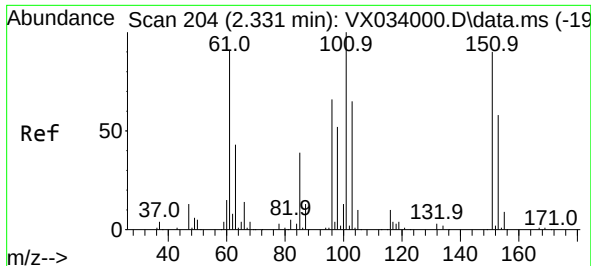
Reviewed By :Krupa Patel 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#9
Trichlorofluoromethane
Concen: 2.889 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.000 min
Lab File: VX034003.D
Acq: 03 Feb 2023 10:42

Tgt Ion:101 Resp: 6480
Ion Ratio Lower Upper
101 100
103 63.2 52.6 78.8





#10

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

Concen: 3.524 ug/L

RT: 2.331 min Scan# 204

Delta R.T. 0.000 min

Lab File: VX034003.D

Acq: 03 Feb 2023 10:42

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT1-2023-01

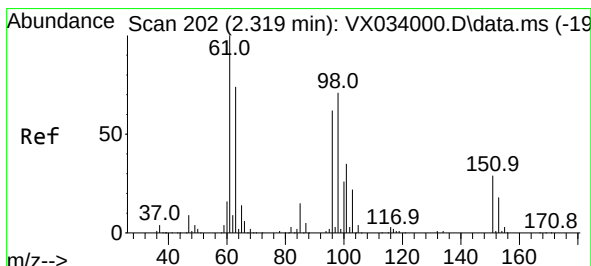
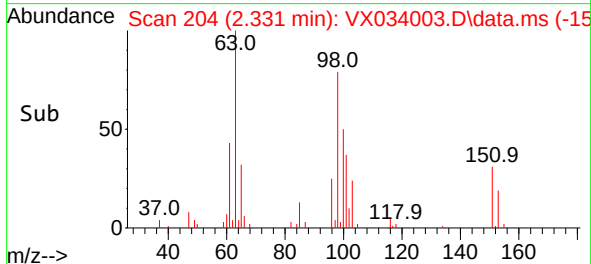
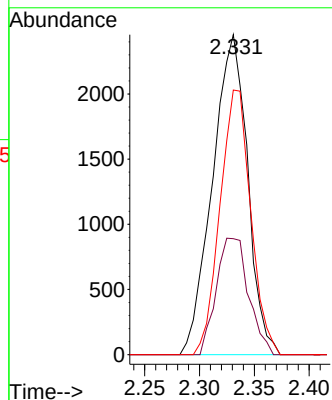
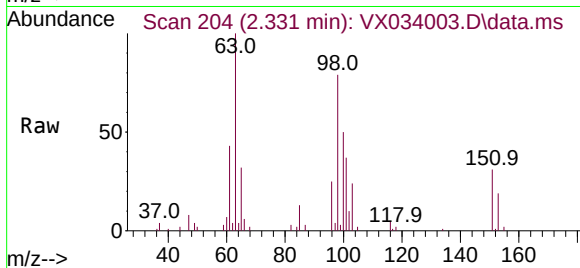
Tgt Ion:101 Resp: 546
 Ion Ratio Lower Upper
 101 100
 85 33.4 32.2 48.4
 151 72.5 69.3 103.9

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 3.498 ug/L

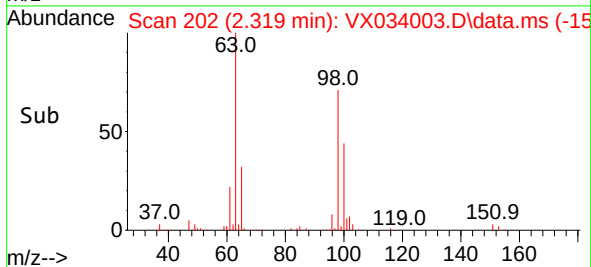
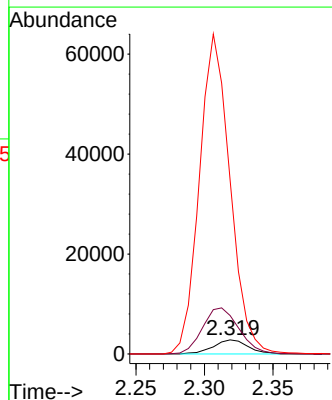
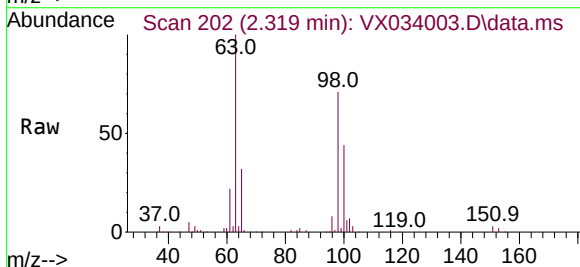
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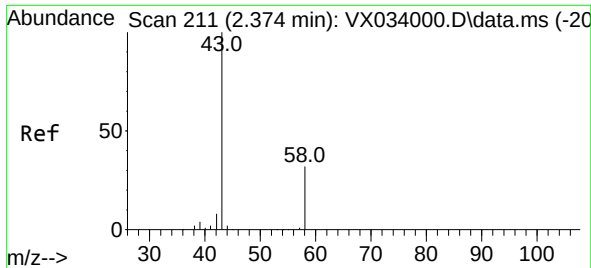
Delta R.T. 0.000 min

Lab File: VX034003.D

Acq: 03 Feb 2023 10:42

Tgt Ion: 96 Resp: 4963
 Ion Ratio Lower Upper
 96 100
 61 272.3 107.6 199.8#
 63 1230.3 69.6 129.2#





#13

Acetone

Concen: 5.702 ug/L

RT: 2.380 min Scan# 211

Delta R.T. 0.006 min

Lab File: VX034003.D

Acq: 03 Feb 2023 10:42

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT1-2023-01

Tgt Ion: 43 Resp: 516

Ion Ratio Lower Upper

43 100

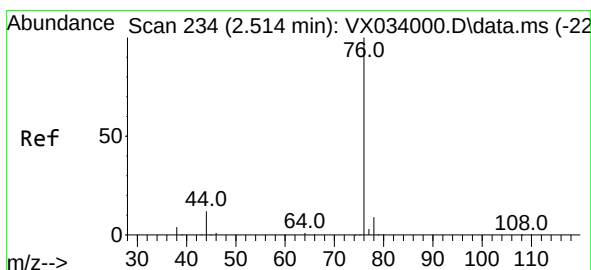
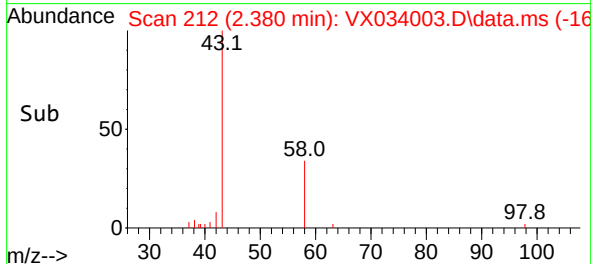
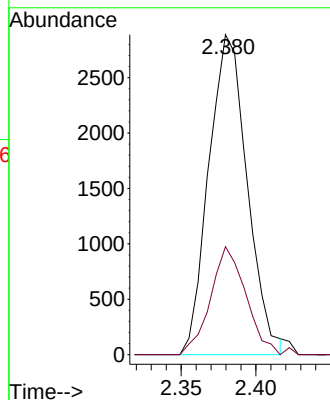
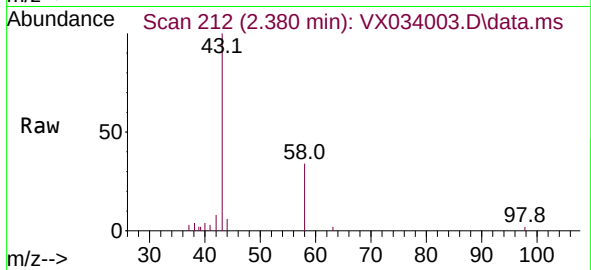
58 31.0 0.0 62.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#14

Carbon disulfide

Concen: 2.730 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX034003.D

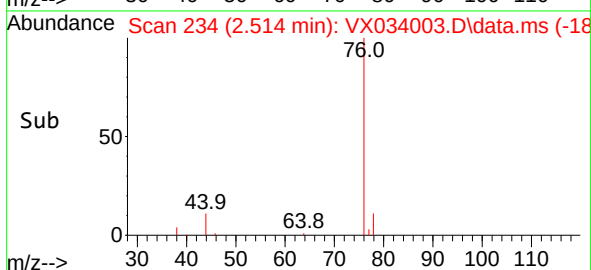
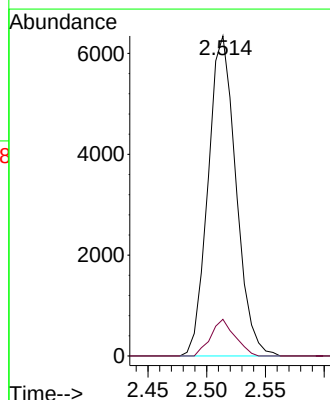
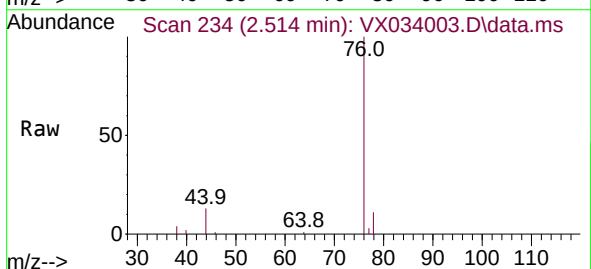
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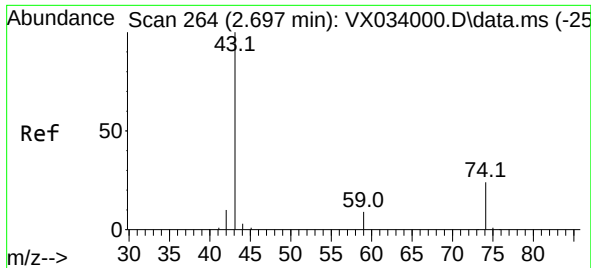
Tgt Ion: 76 Resp: 10484

Ion Ratio Lower Upper

76 100

78 11.5 7.4 11.2#





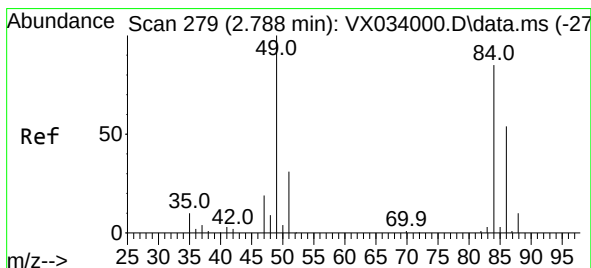
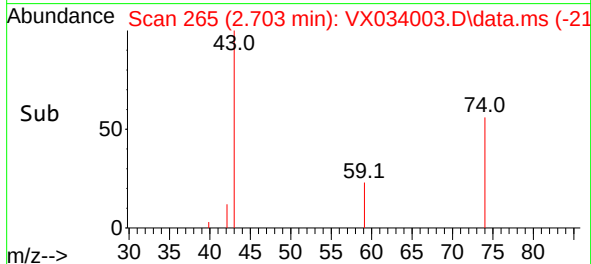
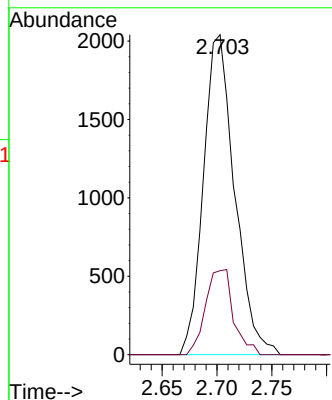
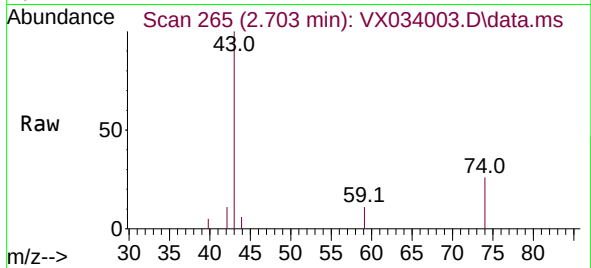
#15
Methyl Acetate
Concen: 2.799 ug/L
RT: 2.703 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX034003.D
Acq: 03 Feb 2023 10:42

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2023-01

Tgt Ion: 43 Resp: 403
Ion Ratio Lower Upper
43 100
74 23.7 19.7 29.5

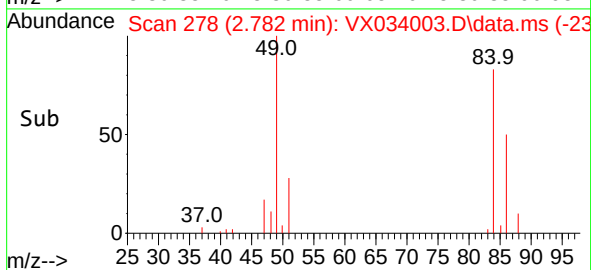
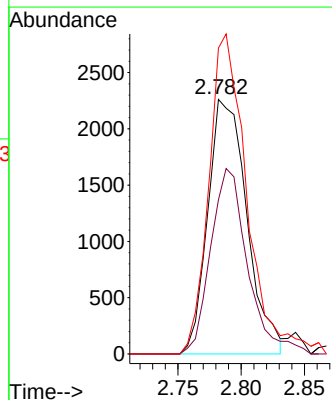
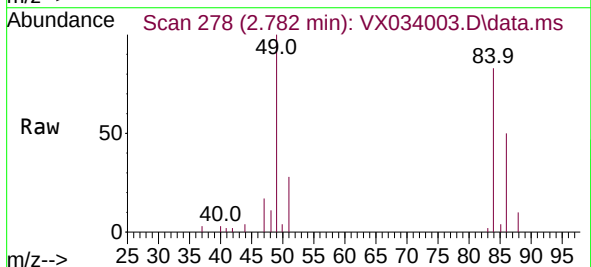
Manual Integrations
APPROVED

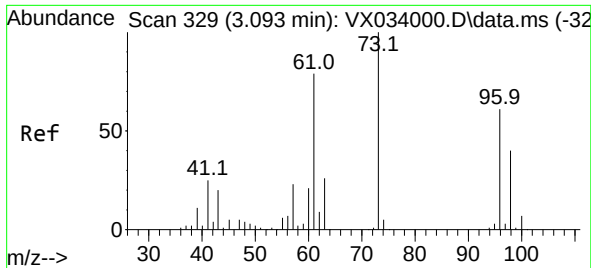
Reviewed By :Krupa Patel 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#16
Methylene chloride
Concen: 3.234 ug/L
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX034003.D
Acq: 03 Feb 2023 10:42

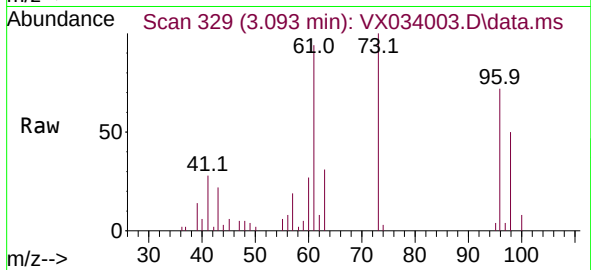
Tgt Ion: 84 Resp: 4859
Ion Ratio Lower Upper
84 100
86 60.5 45.2 84.0
49 120.2 82.5 153.1





#17
trans-1,2-Dichloroethene
Concen: 2.825 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034003.D
Acq: 03 Feb 2023 10:42

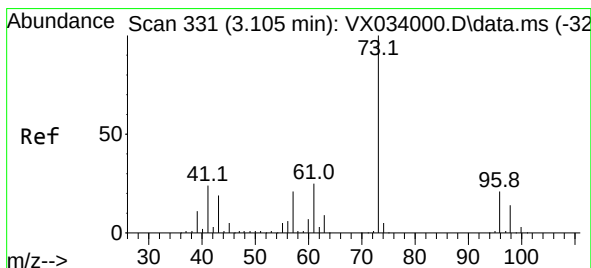
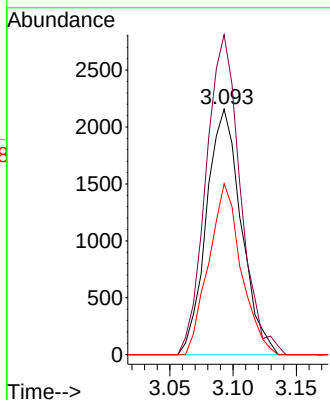
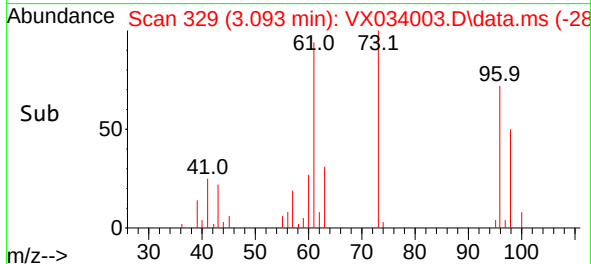
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2023-01



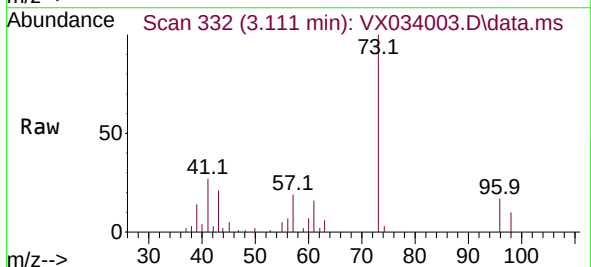
Tgt Ion: 96 Resp: 4138
Ion Ratio Lower Upper
96 100
61 130.4 87.7 162.9
98 69.7 45.4 84.4

Manual Integrations
APPROVED

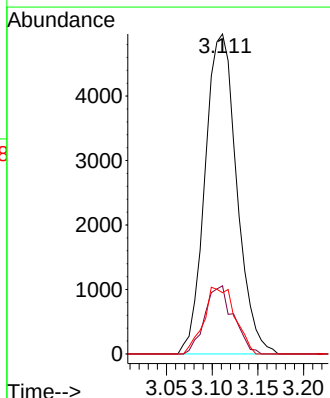
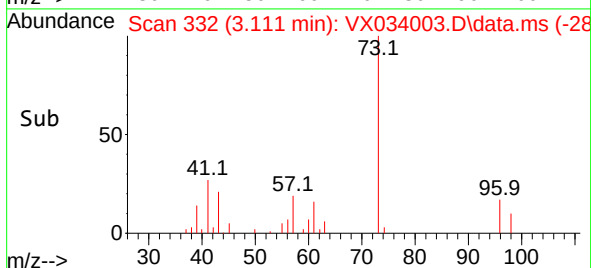
Reviewed By :Krupa Patel 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

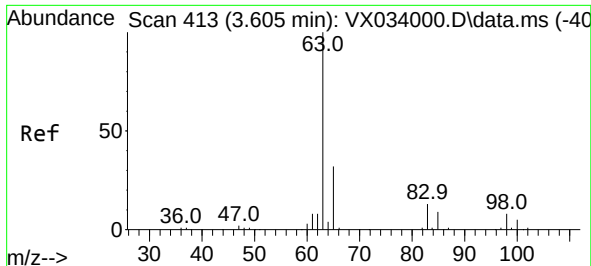


#18
Methyl tert-butyl Ether
Concen: 2.809 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.006 min
Lab File: VX034003.D
Acq: 03 Feb 2023 10:42



Tgt Ion: 73 Resp: 11980
Ion Ratio Lower Upper
73 100
43 19.1 15.6 23.4
57 13.1 17.5 26.3#





#19

1,1-Dichloroethane

Concen: 2.719 ug/L

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX034003.D

Acq: 03 Feb 2023 10:42

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT1-2023-01

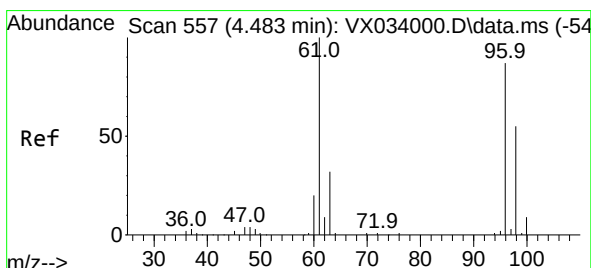
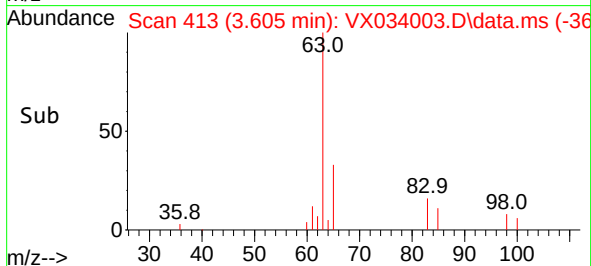
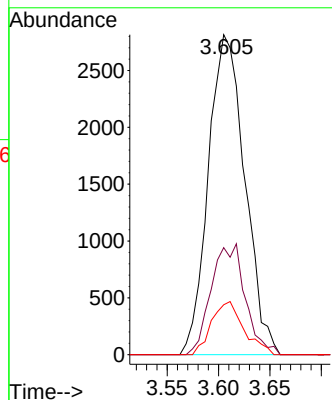
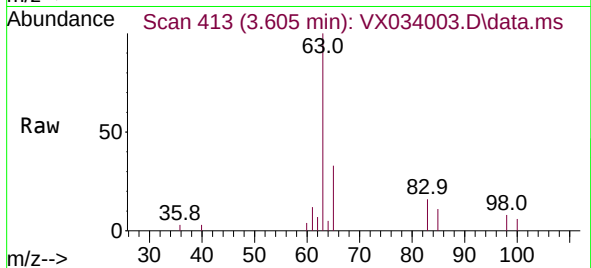
Tgt Ion: 63	Resp: 695
Ion Ratio	Lower Upper
63 100	
65 33.5	21.9 40.7
83 15.6	10.6 19.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#20

cis-1,2-Dichloroethene

Concen: 2.943 ug/L

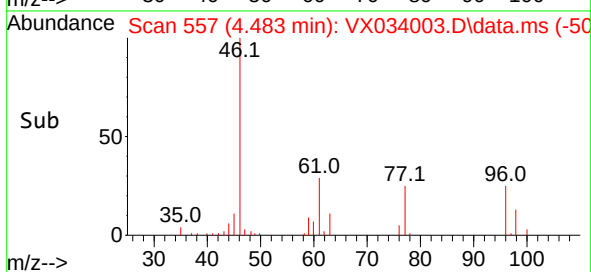
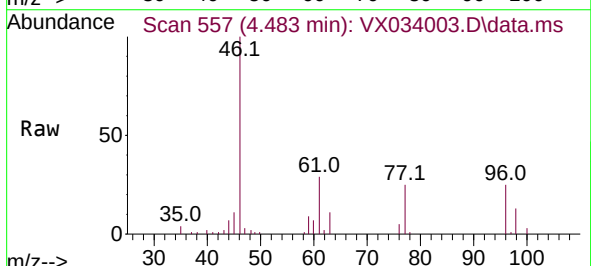
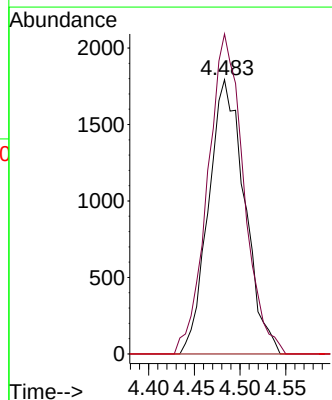
RT: 4.483 min Scan# 557

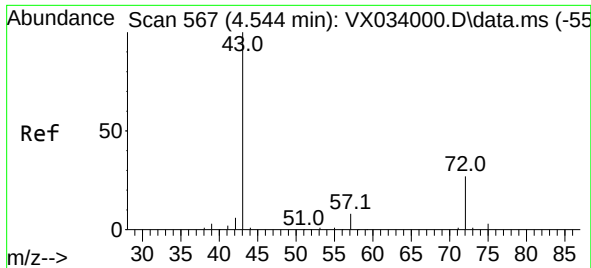
Delta R.T. 0.000 min

Lab File: VX034003.D

Acq: 03 Feb 2023 10:42

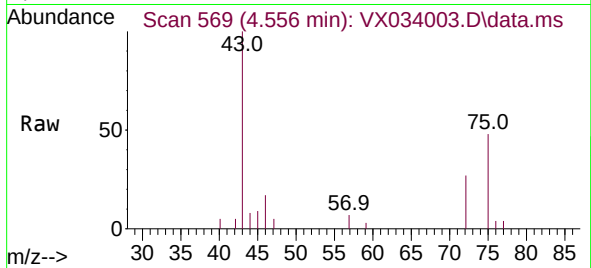
Tgt Ion: 96	Resp: 4927
Ion Ratio	Lower Upper
96 100	
61 116.7	80.3 149.1
68 0.0	0.0 0.0





#22
2-Butanone
Concen: 5.787 ug/L
RT: 4.556 min Scan# 569
Delta R.T. 0.012 min
Lab File: VX034003.D
Acq: 03 Feb 2023 10:42

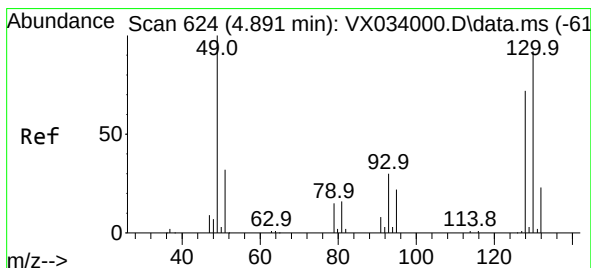
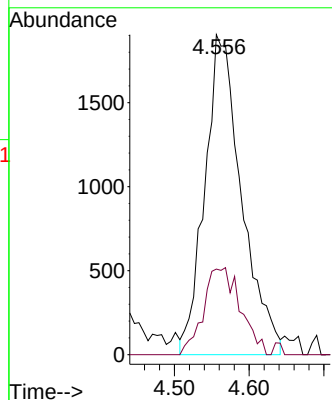
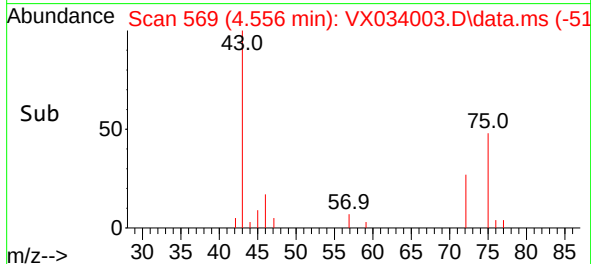
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2023-01



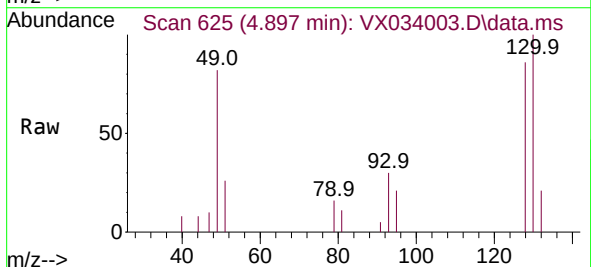
Tgt Ion: 43 Resp: 6510
Ion Ratio Lower Upper
43 100
72 14.2 13.2 39.6

Manual Integrations
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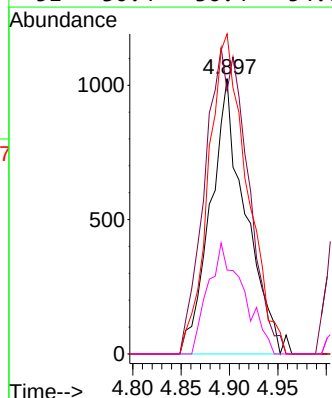
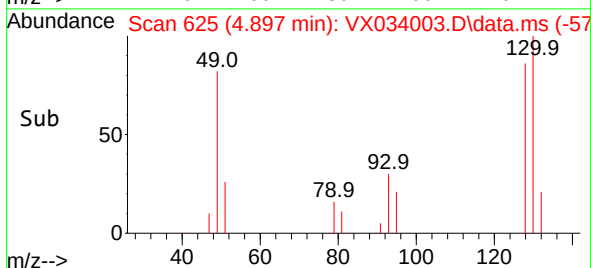
Reviewed By :Krupa Patel 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

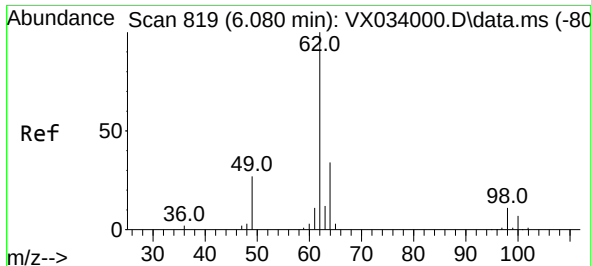


#23
Bromochloromethane
Concen: 2.791 ug/L
RT: 4.897 min Scan# 625
Delta R.T. 0.006 min
Lab File: VX034003.D
Acq: 03 Feb 2023 10:42



Tgt Ion:128 Resp: 2565
Ion Ratio Lower Upper
128 100
49 95.6 94.7 175.9
130 116.2 91.3 169.6
51 30.4 36.4 54.6#





#27

1,2-Dichloroethane

Concen: 2.984 ug/L

RT: 6.080 min Scan# 819

Delta R.T. 0.000 min

Lab File: VX034003.D

Acq: 03 Feb 2023 10:42

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT1-2023-01

Tgt Ion: 62 Resp: 604

Ion Ratio Lower Upper

62 100

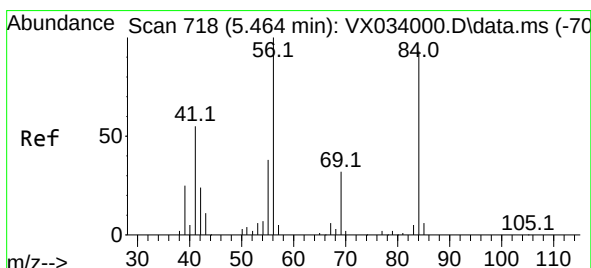
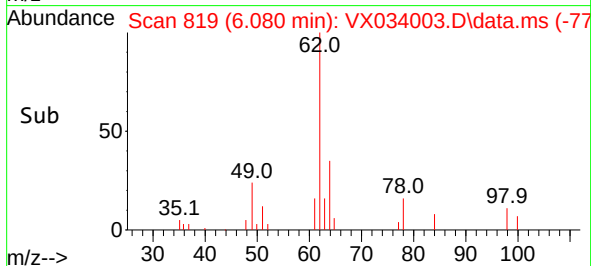
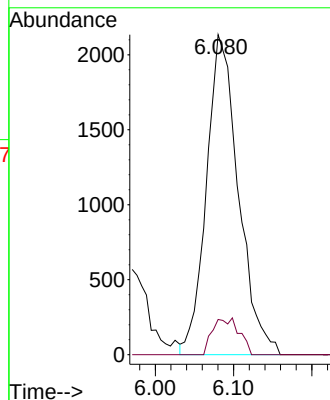
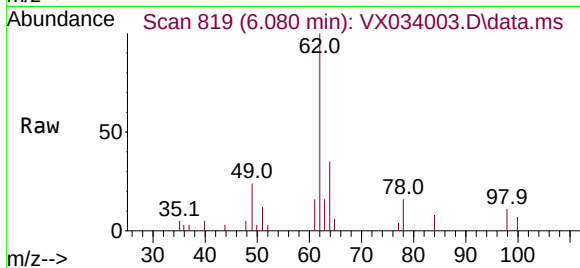
98 11.0 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#29

Cyclohexane

Concen: 2.840 ug/L

RT: 5.464 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX034003.D

Acq: 03 Feb 2023 10:42

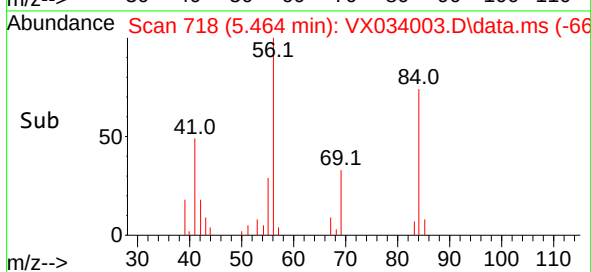
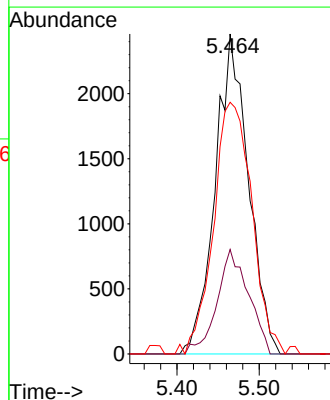
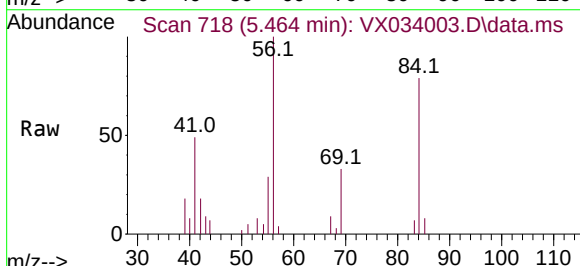
Tgt Ion: 56 Resp: 6911

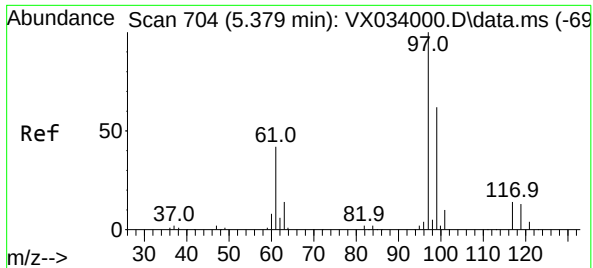
Ion Ratio Lower Upper

56 100

69 30.2 24.8 37.2

84 90.4 73.2 109.8





#30

1,1,1-Trichloroethane

Concen: 2.753 ug/L

RT: 5.373 min Scan# 703

Delta R.T. -0.006 min

Lab File: VX034003.D

Acq: 03 Feb 2023 10:42

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT1-2023-01

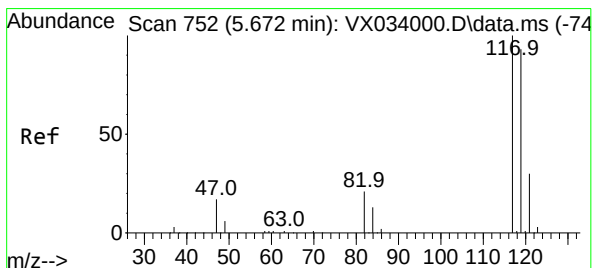
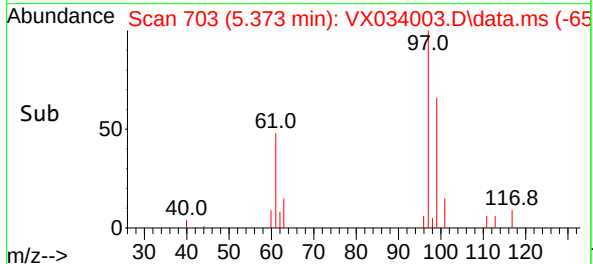
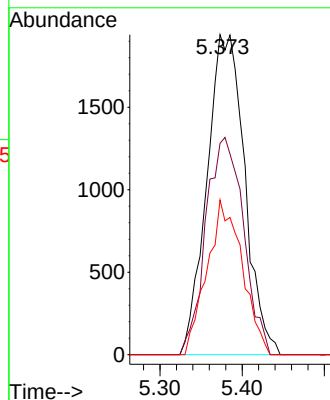
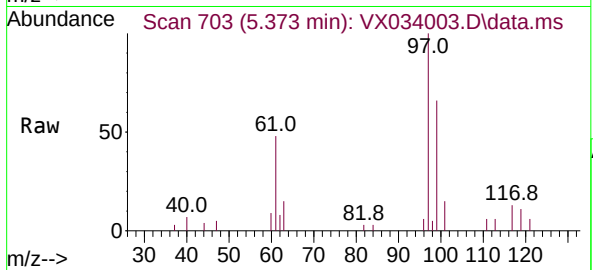
Tgt Ion: 97	Resp: 6190
Ion Ratio	Lower Upper
97	100
99	67.7 51.8 77.8
61	45.0 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#31

Carbon tetrachloride

Concen: 2.762 ug/L

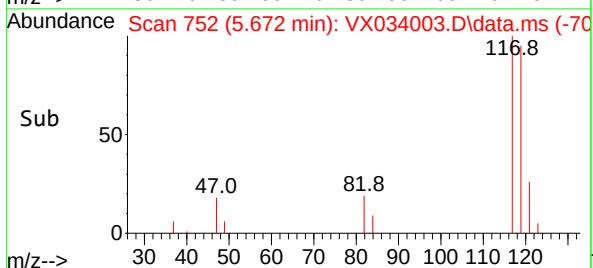
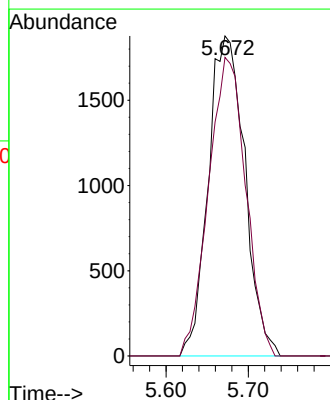
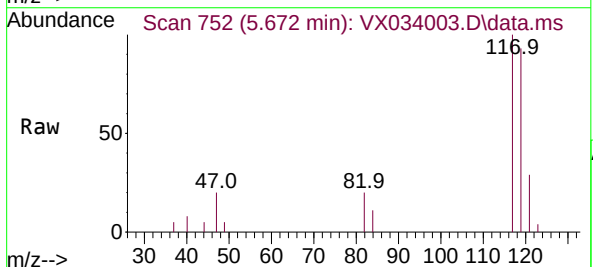
RT: 5.672 min Scan# 752

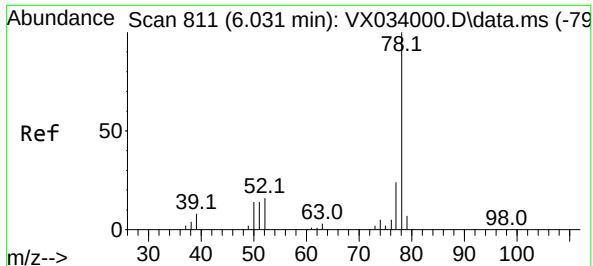
Delta R.T. 0.000 min

Lab File: VX034003.D

Acq: 03 Feb 2023 10:42

Tgt Ion:117	Resp: 5779
Ion Ratio	Lower Upper
117	100
119	94.9 77.1 115.7





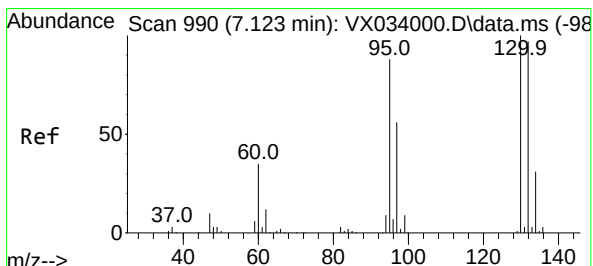
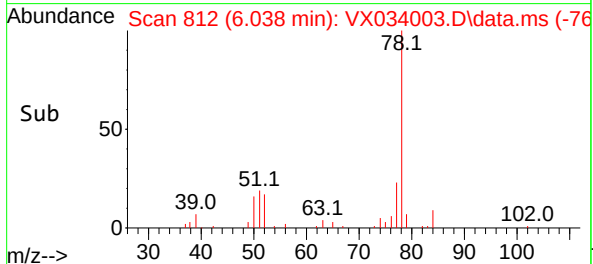
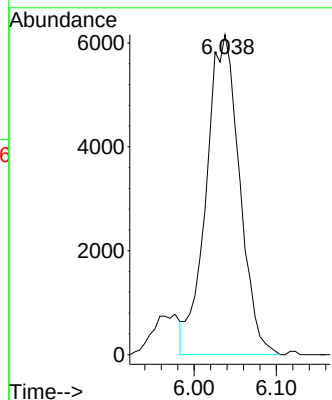
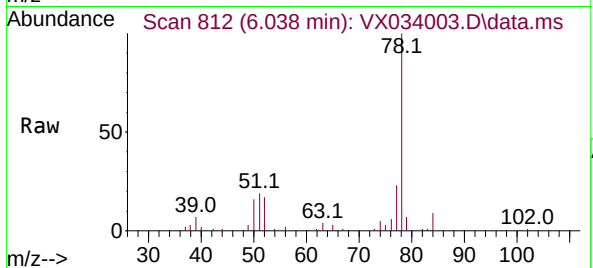
#33
Benzene
Concen: 2.928 ug/L
RT: 6.038 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX034003.D
Acq: 03 Feb 2023 10:42

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2023-01

Tgt Ion: 78 Resp: 1732

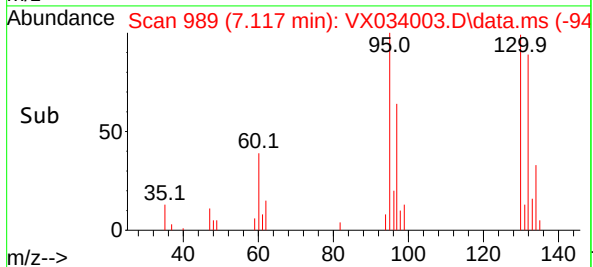
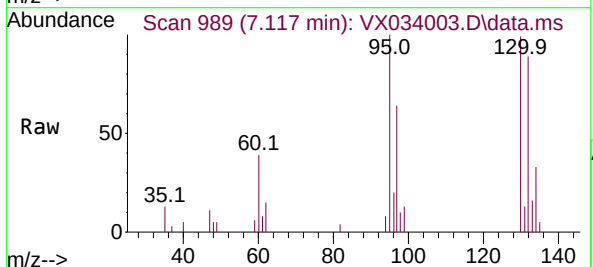
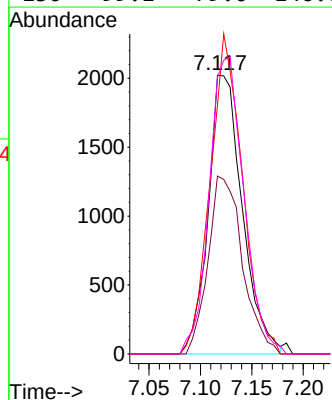
Manual Integrations
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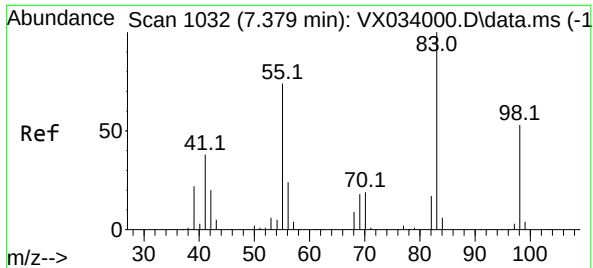
Reviewed By :Krupa Patel 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#34
Trichloroethene
Concen: 2.907 ug/L
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX034003.D
Acq: 03 Feb 2023 10:42

Tgt Ion: 95 Resp: 4661
Ion Ratio Lower Upper
95 100
97 63.8 46.8 87.0
132 89.2 76.2 141.4
130 99.1 79.0 146.6





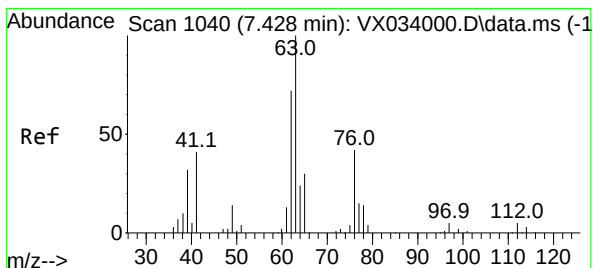
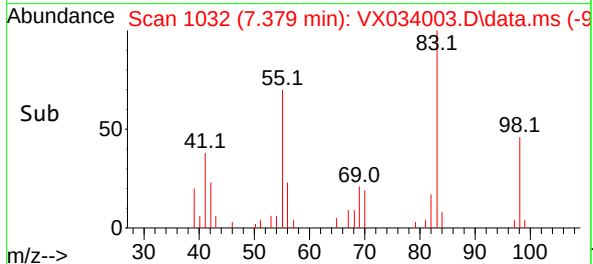
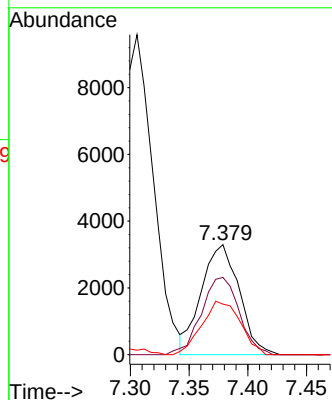
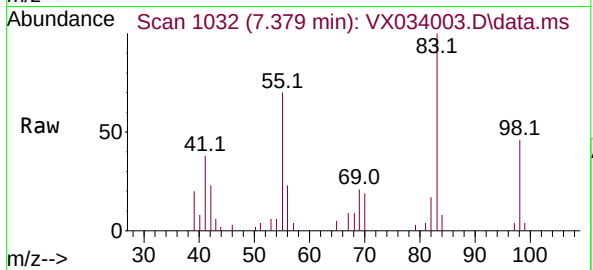
#35
Methylcyclohexane
Concen: 2.897 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX034003.D
Acq: 03 Feb 2023 10:42

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2023-01

Tgt Ion: 83 Resp: 7408
Ion Ratio Lower Upper
83 100
55 69.8 59.0 88.4
98 49.4 40.6 60.8

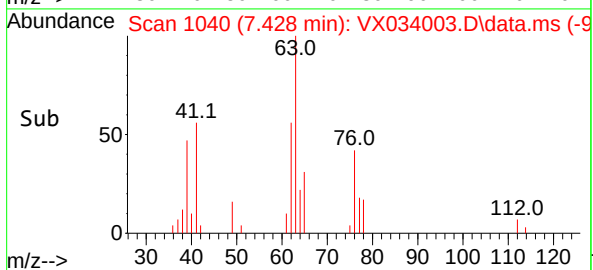
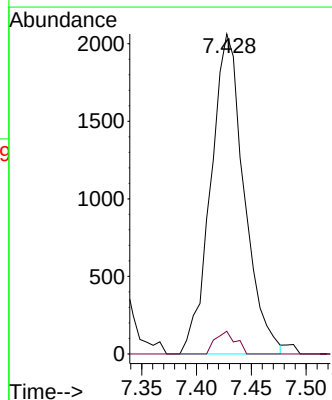
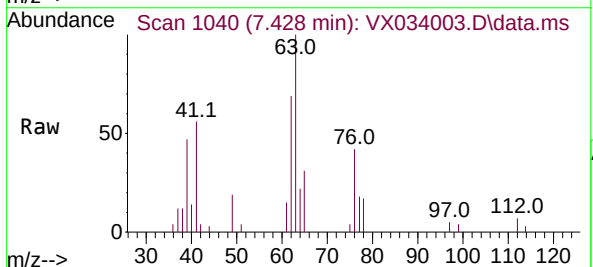
Manual Integrations
APPROVED

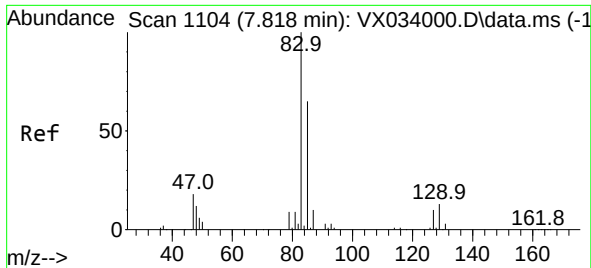
Reviewed By :Krupa Patel 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#37
1,2-Dichloropropane
Concen: 2.898 ug/L
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX034003.D
Acq: 03 Feb 2023 10:42

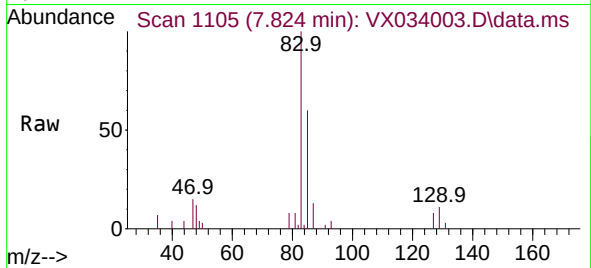
Tgt Ion: 63 Resp: 4367
Ion Ratio Lower Upper
63 100
112 4.3 4.1 6.1





#38
Bromodichloromethane
Concen: 2.771 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX034003.D
Acq: 03 Feb 2023 10:42

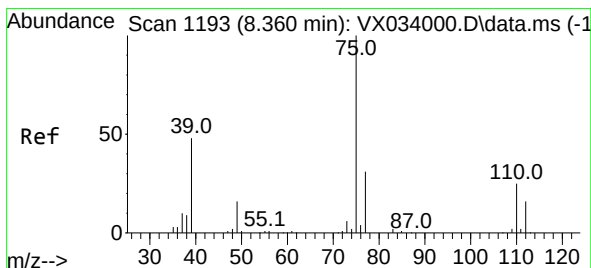
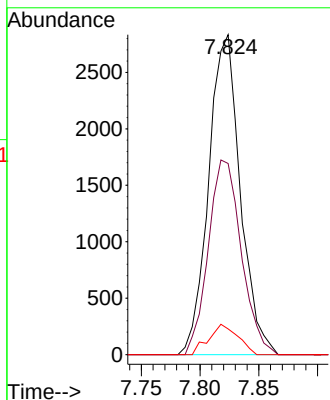
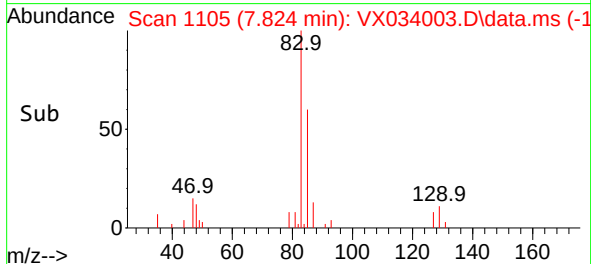
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2023-01



Tgt Ion: 83 Resp: 5309
Ion Ratio Lower Upper
83 100
85 59.8 46.3 85.9
127 8.0 7.4 11.0

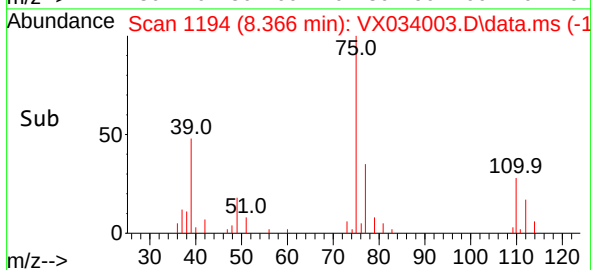
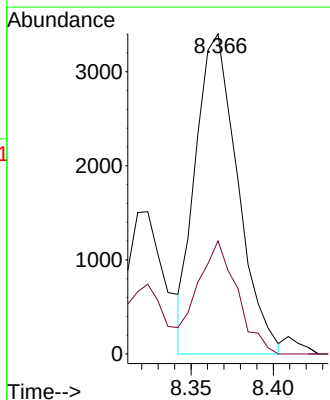
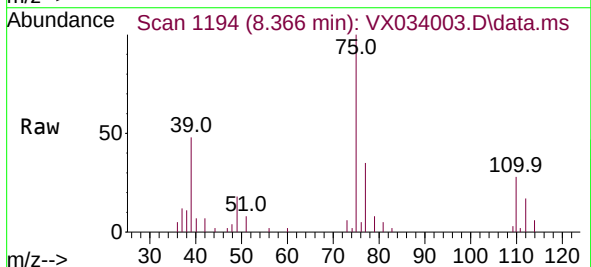
Manual Integrations
APPROVED

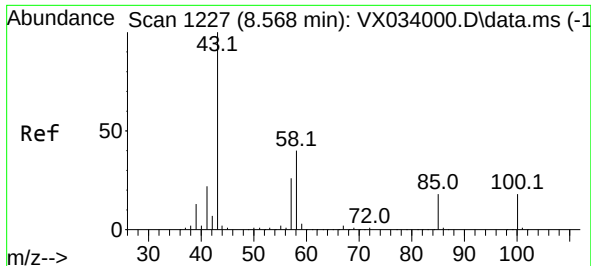
Reviewed By :Krupa Patel 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#39
cis-1,3-Dichloropropene
Concen: 2.612 ug/L
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX034003.D
Acq: 03 Feb 2023 10:42

Tgt Ion: 75 Resp: 6042
Ion Ratio Lower Upper
75 100
77 35.4 22.5 41.9





#40

4-Methyl-2-pentanone

Concen: 5.085 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VX034003.D

Acq: 03 Feb 2023 10:42

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT1-2023-01

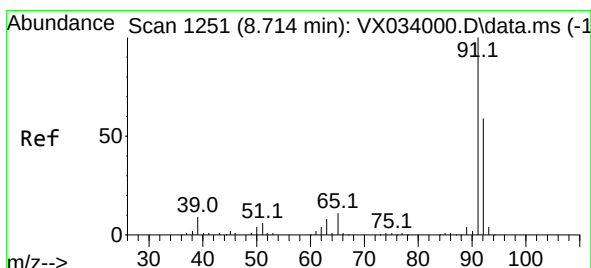
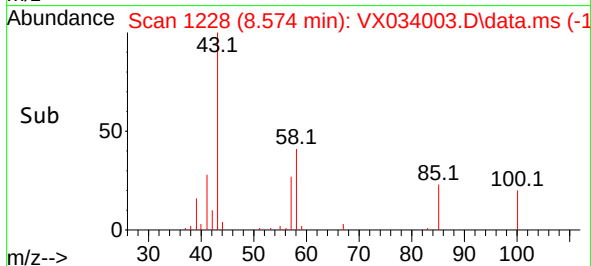
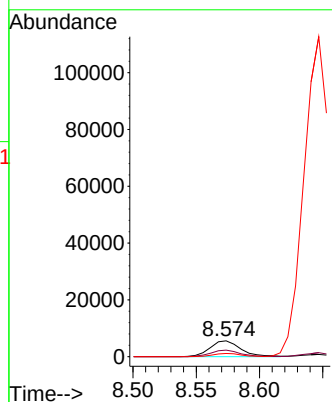
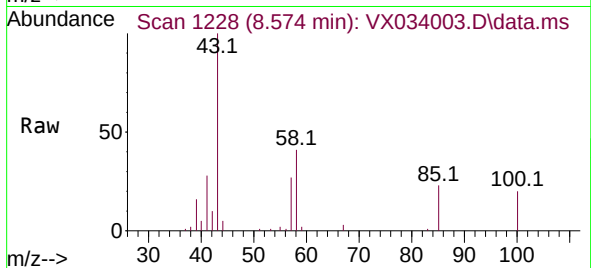
Tgt Ion:	43	Resp:	9429
Ion	Ratio	Lower	Upper
43	100		
58	40.0	31.9	47.9
100	19.1	14.4	21.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#42

Toluene

Concen: 2.895 ug/L

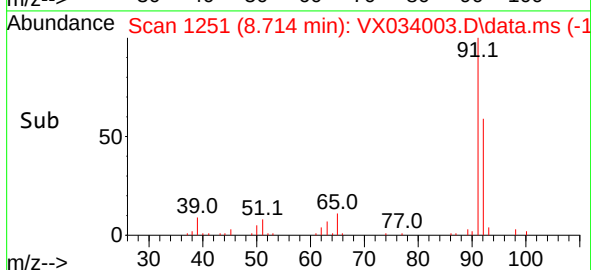
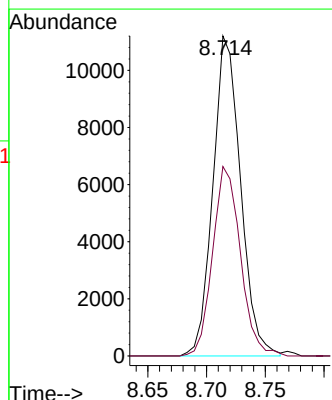
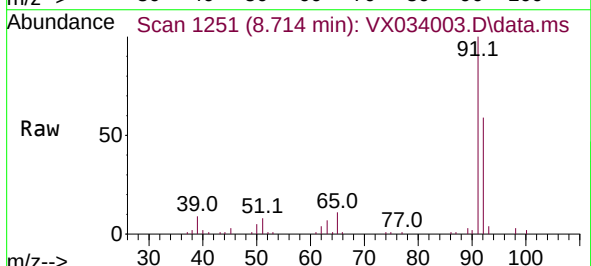
RT: 8.714 min Scan# 1251

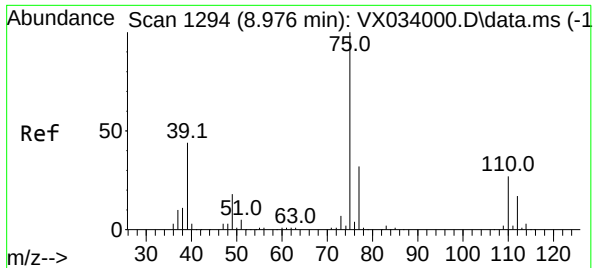
Delta R.T. 0.000 min

Lab File: VX034003.D

Acq: 03 Feb 2023 10:42

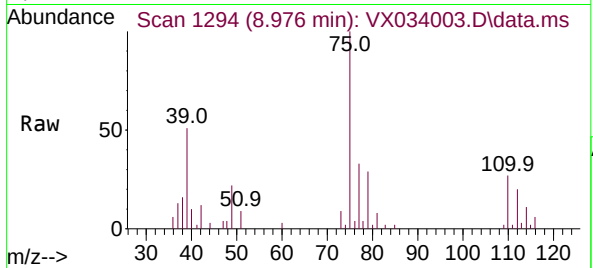
Tgt Ion:	91	Resp:	18320
Ion	Ratio	Lower	Upper
91	100		
92	59.2	41.6	77.3





#44
trans-1,3-Dichloropropene
Concen: 2.599 ug/L m
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX034003.D
Acq: 03 Feb 2023 10:42

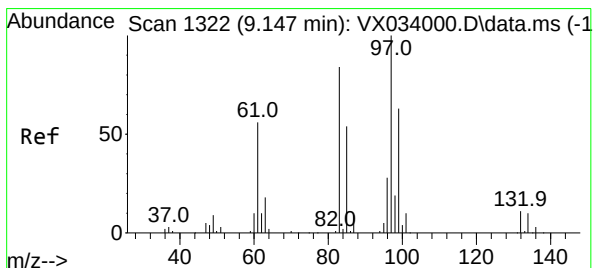
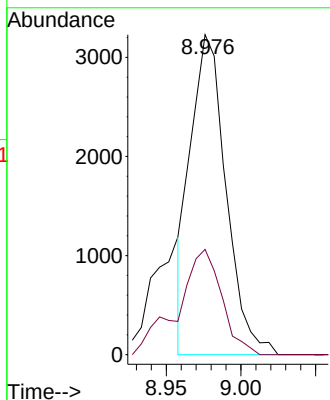
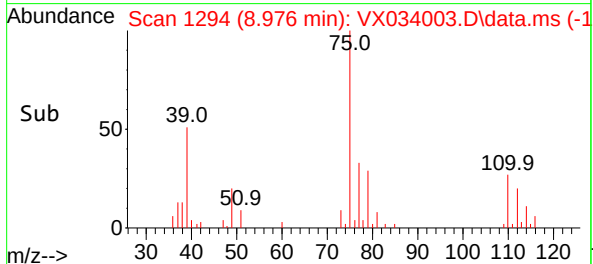
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2023-01



Tgt Ion: 75 Resp: 5349
Ion Ratio Lower Upper
75 100
77 32.9 22.3 41.3

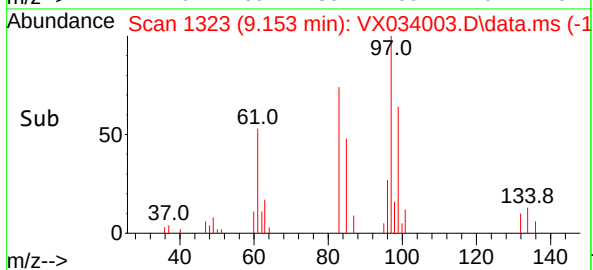
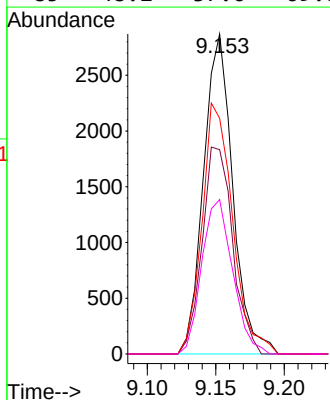
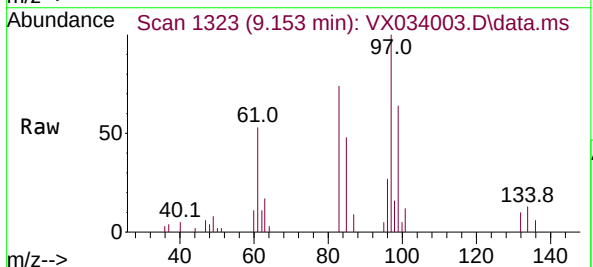
Manual Integrations
APPROVED

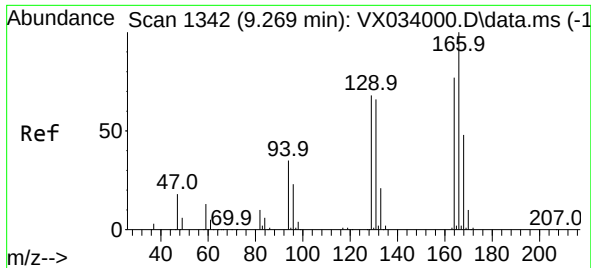
Reviewed By :Krupa Patel 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#45
1,1,2-Trichloroethane
Concen: 2.796 ug/L
RT: 9.153 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VX034003.D
Acq: 03 Feb 2023 10:42

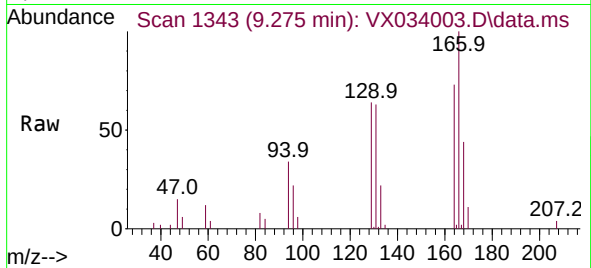
Tgt Ion: 97 Resp: 4265
Ion Ratio Lower Upper
97 100
99 63.8 43.5 80.9
83 73.6 56.8 105.4
85 48.2 37.6 69.8





#46
Tetrachloroethene
Concen: 2.887 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX034003.D
Acq: 03 Feb 2023 10:42

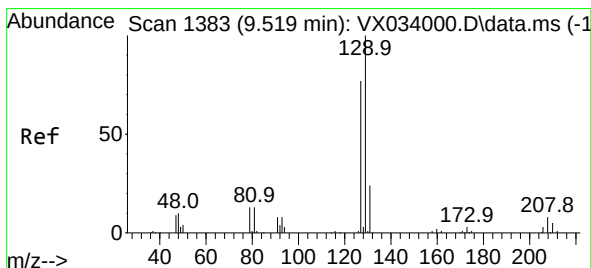
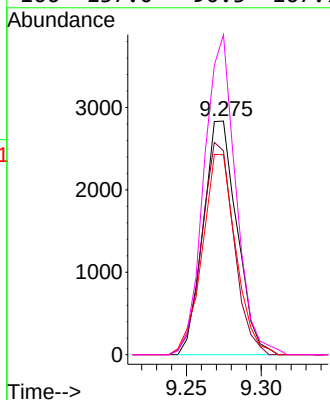
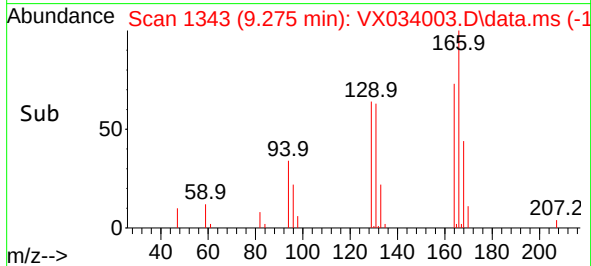
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2023-01



Tgt Ion:164 Resp: 444
Ion Ratio Lower Upper
164 100
129 87.3 59.3 110.1
131 85.7 56.1 104.3
166 137.0 90.3 167.7

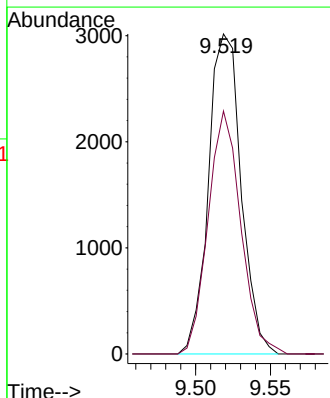
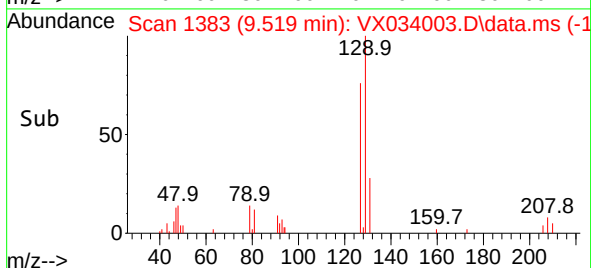
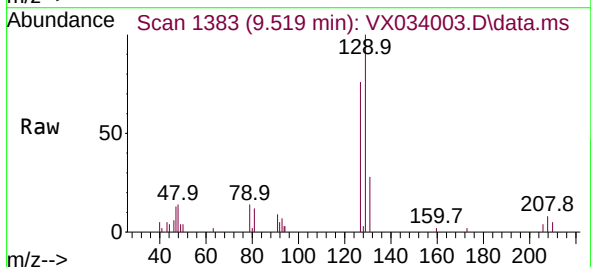
Manual Integrations
APPROVED

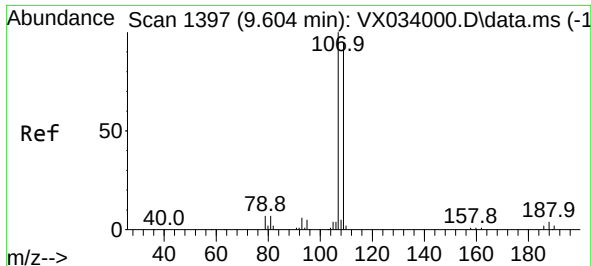
Reviewed By :Krupa Patel 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#49
Dibromochloromethane
Concen: 2.782 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX034003.D
Acq: 03 Feb 2023 10:42

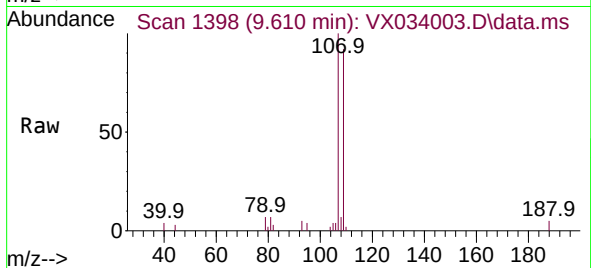
Tgt Ion:129 Resp: 4579
Ion Ratio Lower Upper
129 100
127 75.9 53.3 98.9





#50
1,2-Dibromoethane
Concen: 2.787 ug/L
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX034003.D
Acq: 03 Feb 2023 10:42

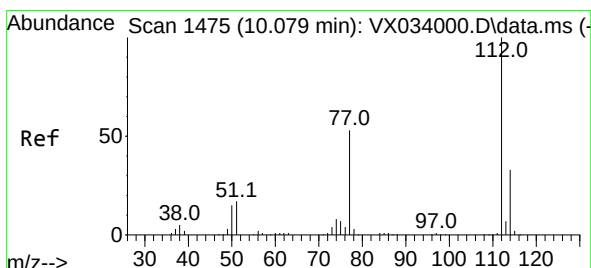
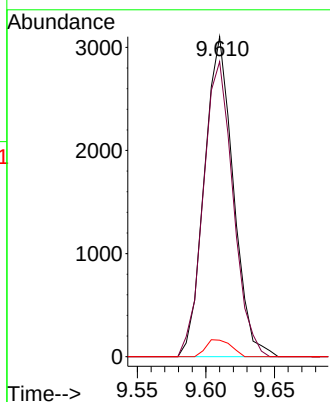
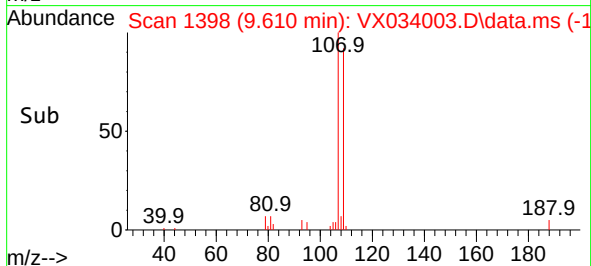
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2023-01



Tgt Ion:107 Resp: 4568
Ion Ratio Lower Upper
107 100
109 92.2 64.9 120.5
188 5.2 3.3 4.9

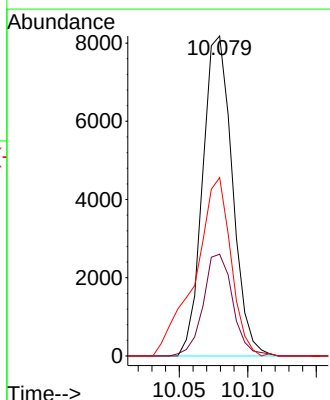
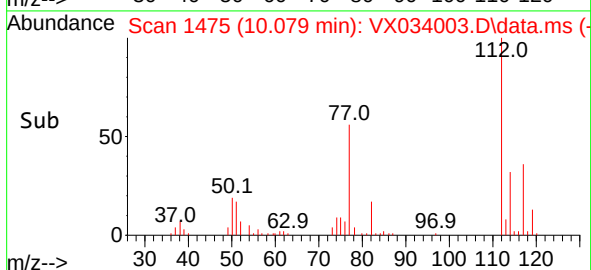
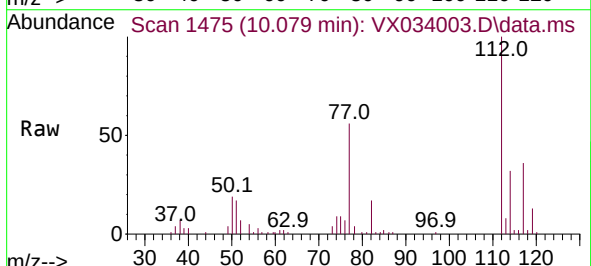
Manual Integrations
APPROVED

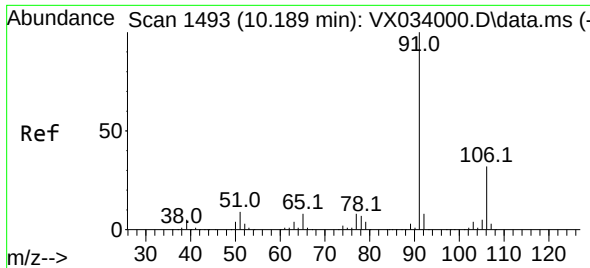
Reviewed By :Krupa Patel 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#51
Chlorobenzene
Concen: 2.884 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034003.D
Acq: 03 Feb 2023 10:42

Tgt Ion:112 Resp: 12332
Ion Ratio Lower Upper
112 100
114 31.8 22.7 42.3
77 55.8 43.4 65.0





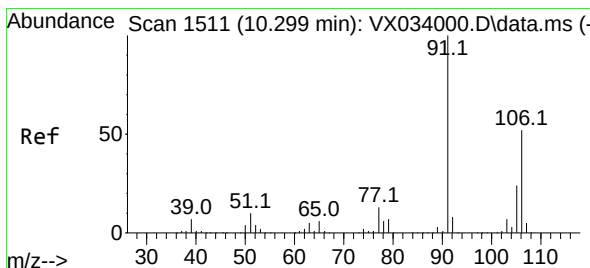
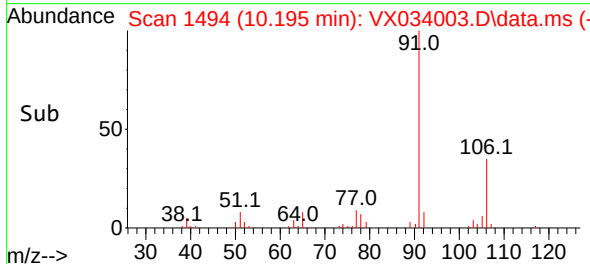
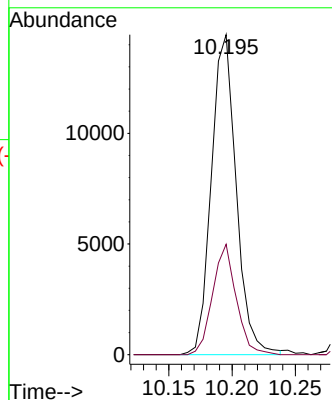
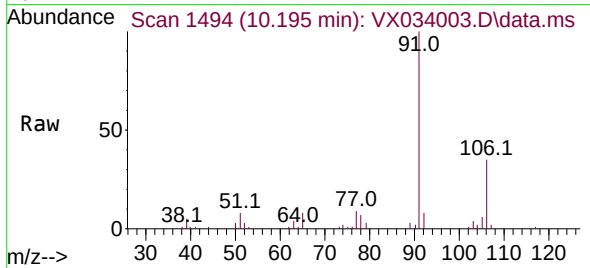
#52
Ethylbenzene
Concen: 2.841 ug/L
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX034003.D
Acq: 03 Feb 2023 10:42

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2023-01

Tgt Ion: 91 Resp: 19760
Ion Ratio Lower Upper
91 100
106 34.5 23.2 43.0

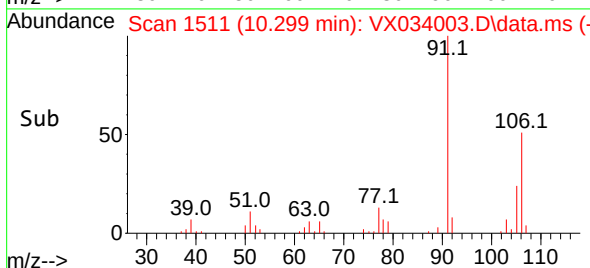
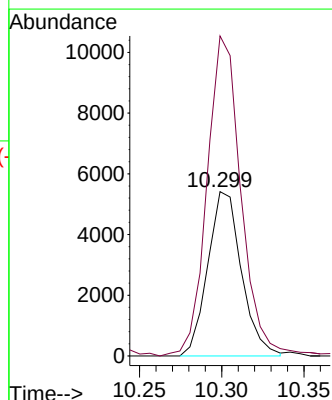
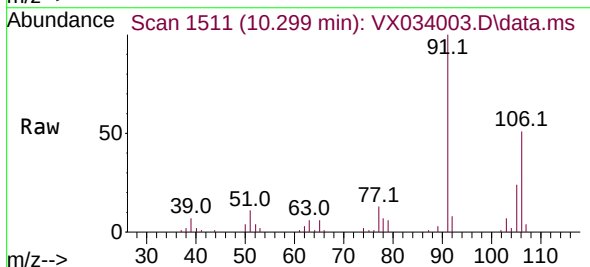
Manual Integrations
APPROVED

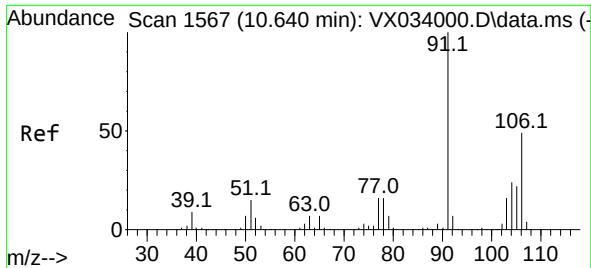
Reviewed By :Krupa Patel 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#53
m,p-Xylene
Concen: 2.761 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034003.D
Acq: 03 Feb 2023 10:42

Tgt Ion:106 Resp: 7708
Ion Ratio Lower Upper
106 100
91 194.8 135.2 251.0





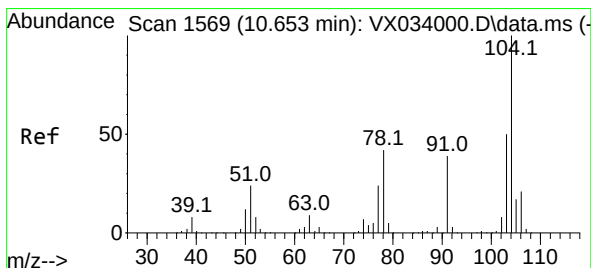
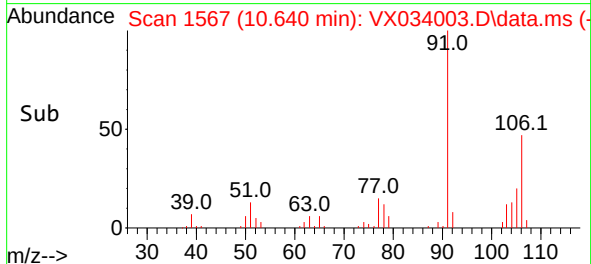
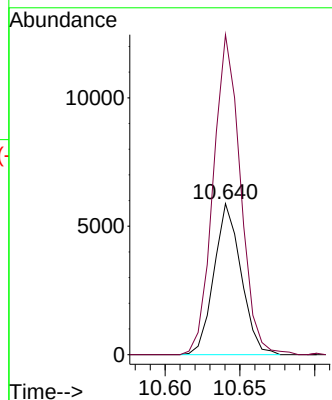
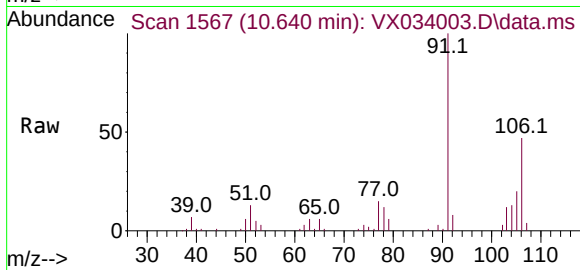
#54
o-Xylene
Concen: 2.746 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034003.D
Acq: 03 Feb 2023 10:42

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2023-01

Tgt Ion:106 Resp: 740
Ion Ratio Lower Upper
106 100
91 211.8 140.2 260.4

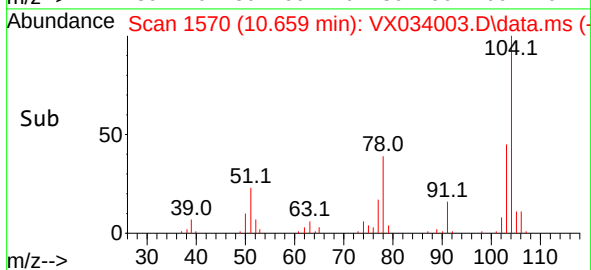
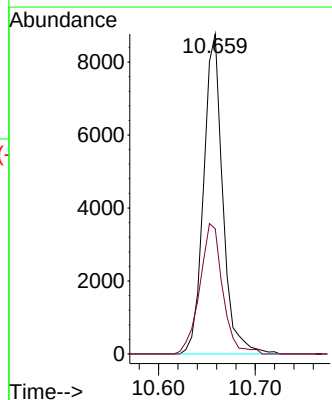
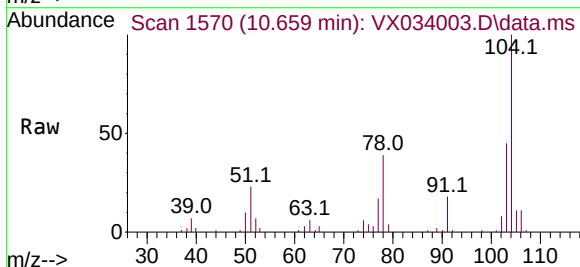
Manual Integrations
APPROVED

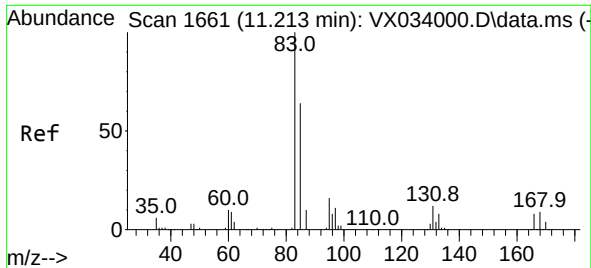
Reviewed By :Krupa Patel 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#55
Styrene
Concen: 2.670 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX034003.D
Acq: 03 Feb 2023 10:42

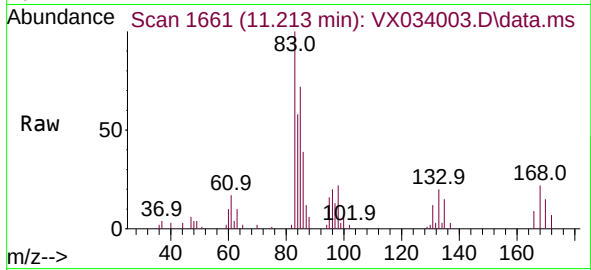
Tgt Ion:104 Resp: 12079
Ion Ratio Lower Upper
104 100
78 39.1 30.0 55.8





#57
1,1,2,2-Tetrachloroethane
Concen: 3.075 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034003.D
Acq: 03 Feb 2023 10:42

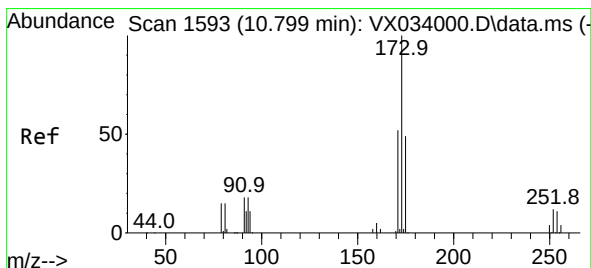
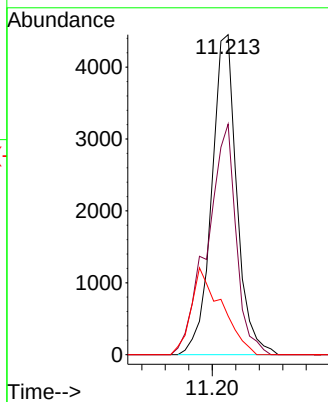
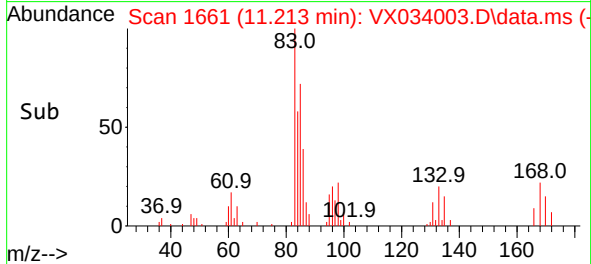
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT1-2023-01



Tgt Ion: 83 Resp: 659
Ion Ratio Lower Upper
83 100
85 72.0 45.8 85.0
131 12.1 9.1 13.7

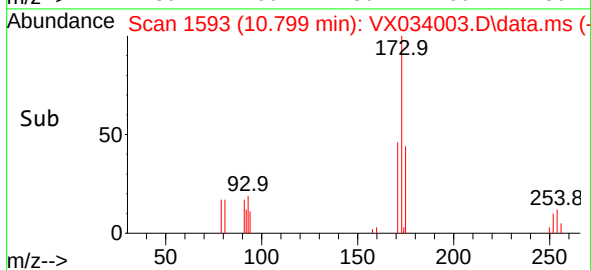
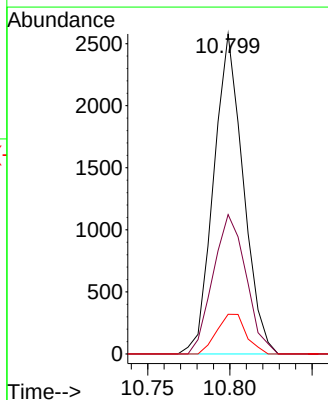
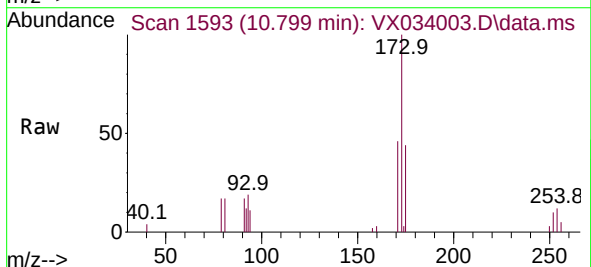
Manual Integrations
APPROVED

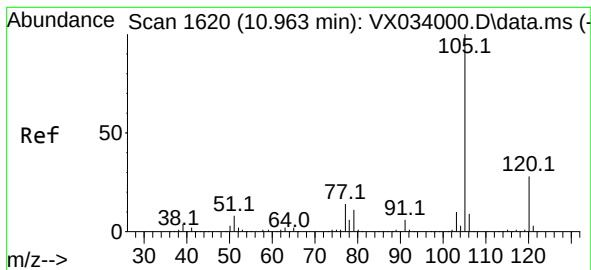
Reviewed By :Krupa Patel 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#59
Bromoform
Concen: 2.529 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX034003.D
Acq: 03 Feb 2023 10:42

Tgt Ion:173 Resp: 3225
Ion Ratio Lower Upper
173 100
175 48.6 38.3 57.5
254 12.4 9.1 13.7





#60

Isopropylbenzene

Concen: 2.889 ug/L

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX034003.D

Acq: 03 Feb 2023 10:42

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT1-2023-01

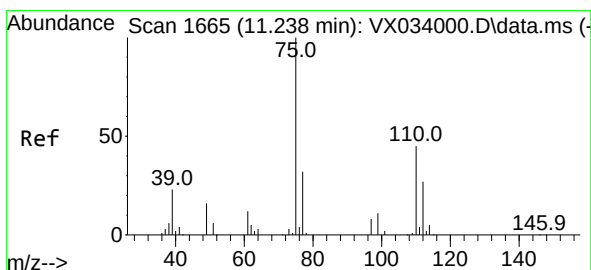
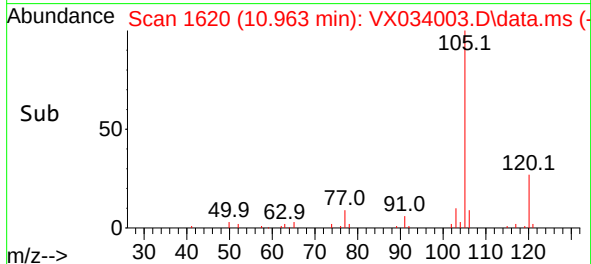
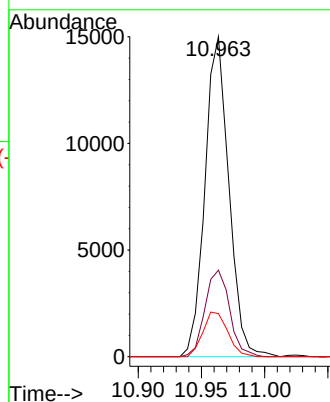
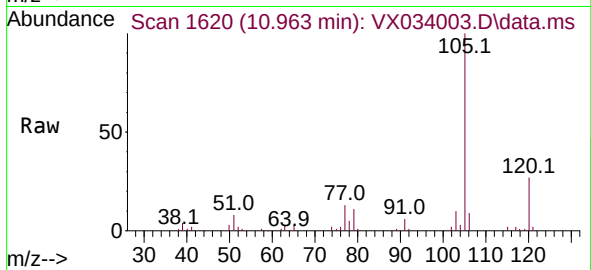
Tgt Ion:	105	Resp:	1978
Ion Ratio	Lower	Upper	
105	100		
120	27.8	21.8	32.6
77	14.4	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#61

1,2,3-Trichloropropane

Concen: 2.999 ug/L

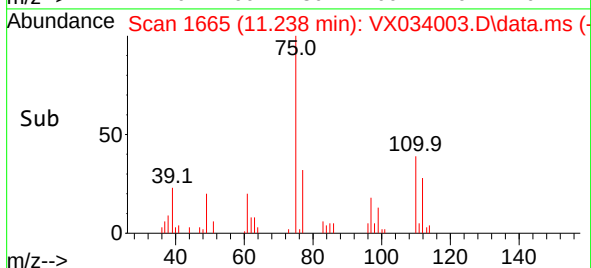
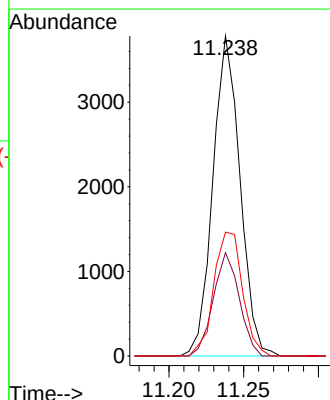
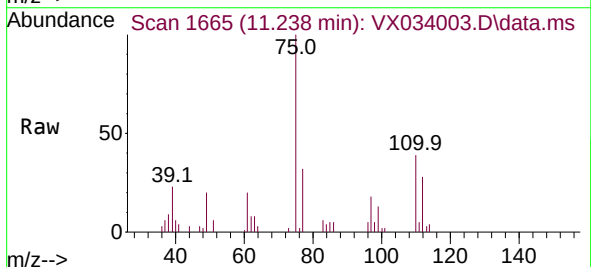
RT: 11.238 min Scan# 1665

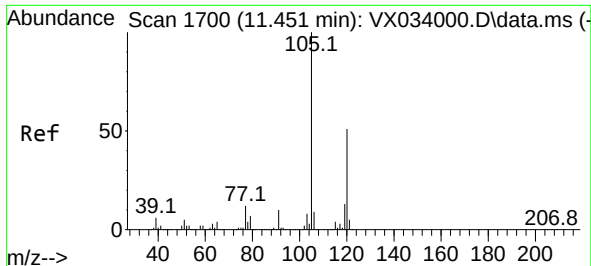
Delta R.T. 0.000 min

Lab File: VX034003.D

Acq: 03 Feb 2023 10:42

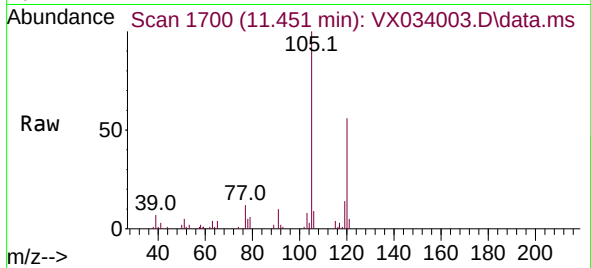
Tgt Ion:	75	Resp:	4771
Ion Ratio	Lower	Upper	
75	100		
77	30.9	26.1	39.1
110	41.0	34.2	51.4





#62
1,3,5-Trimethylbenzene
Concen: 2.747 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034003.D
Acq: 03 Feb 2023 10:42

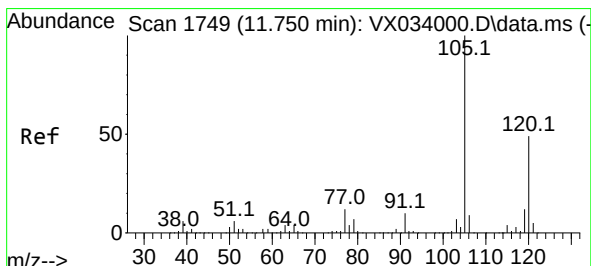
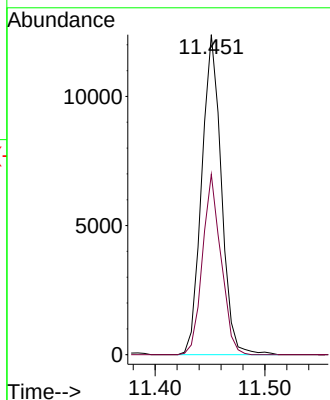
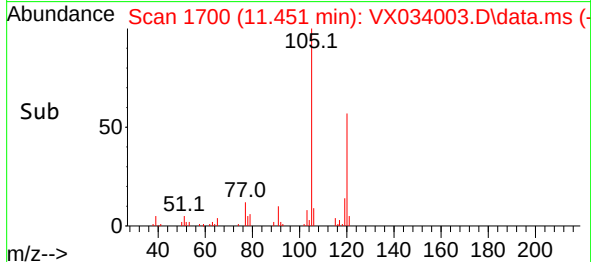
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2023-01



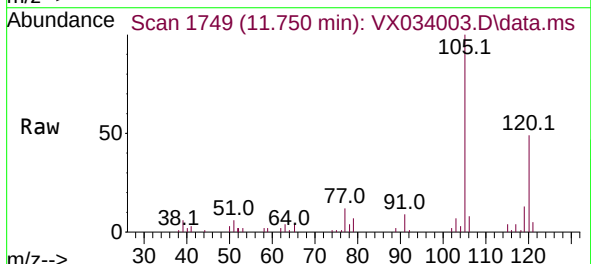
Tgt Ion:105 Resp: 1539
Ion Ratio Lower Upper
105 100
120 53.1 41.3 61.9

Manual Integrations
APPROVED

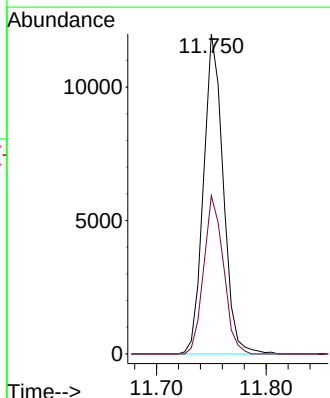
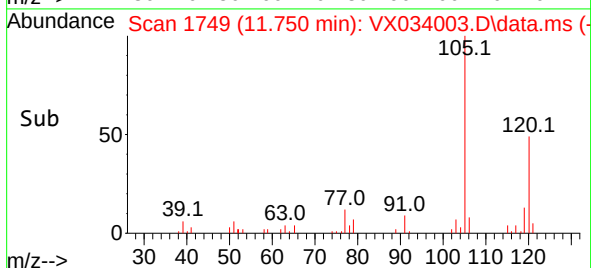
Reviewed By :Krupa Patel 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

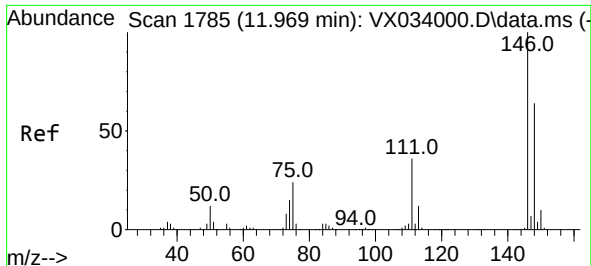


#63
1,2,4-Trimethylbenzene
Concen: 2.710 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034003.D
Acq: 03 Feb 2023 10:42



Tgt Ion:105 Resp: 14967
Ion Ratio Lower Upper
105 100
120 49.5 38.5 57.7





#64

1,3-Dichlorobenzene

Concen: 2.818 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034003.D

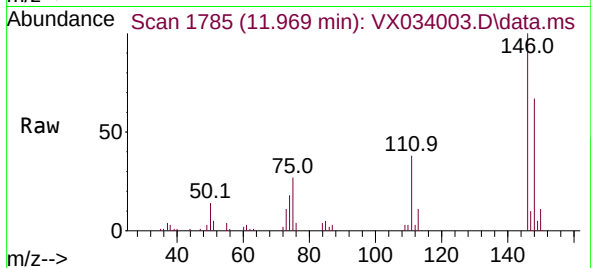
Acq: 03 Feb 2023 10:42

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT1-2023-01



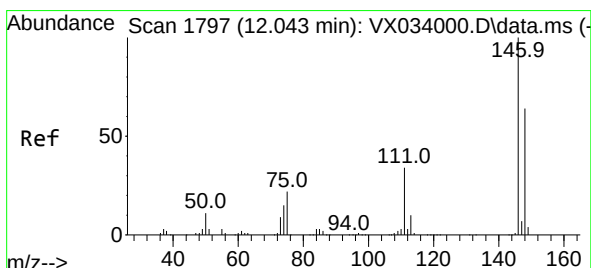
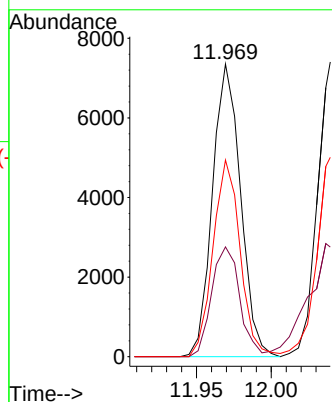
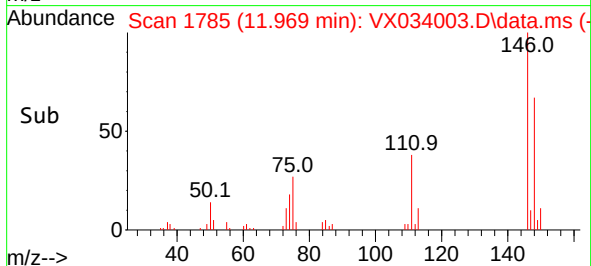
Tgt Ion:146	Resp:	959
Ion Ratio	Lower	Upper
146	100	
111	37.5	25.5 47.3
148	67.2	44.9 83.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/06/2023

Supervised By :Mahesh Dadoda 02/06/2023



#65

1,4-Dichlorobenzene

Concen: 2.972 ug/L

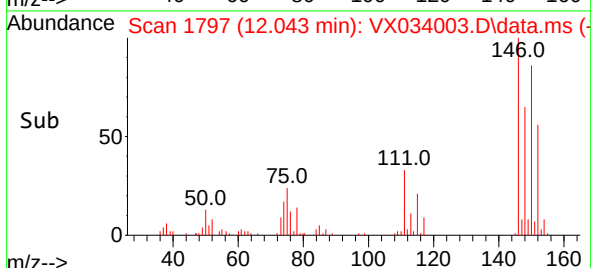
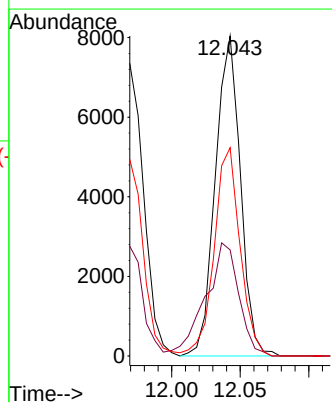
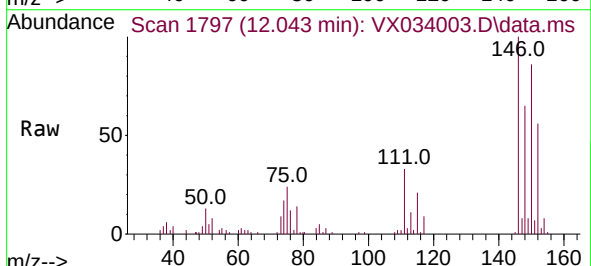
RT: 12.043 min Scan# 1797

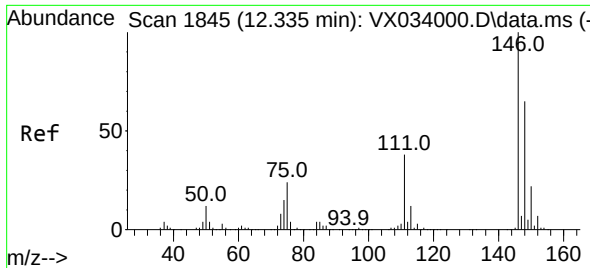
Delta R.T. 0.000 min

Lab File: VX034003.D

Acq: 03 Feb 2023 10:42

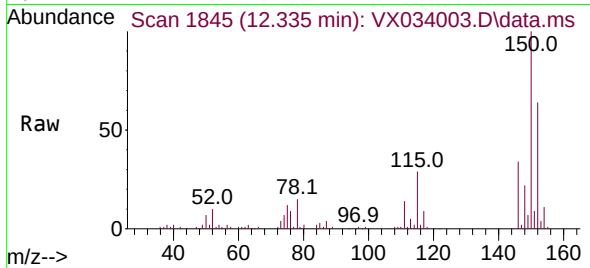
Tgt Ion:146	Resp:	10239
Ion Ratio	Lower	Upper
146	100	
111	33.2	23.7 44.1
148	65.1	45.0 83.6





#67
1,2-Dichlorobenzene
Concen: 2.943 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034003.D
Acq: 03 Feb 2023 10:42

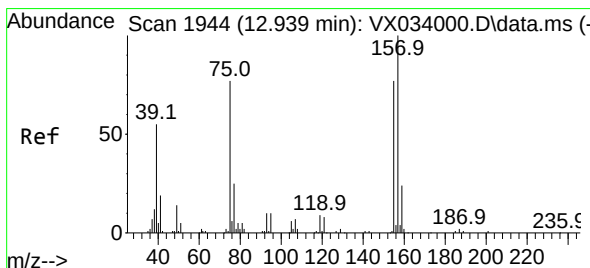
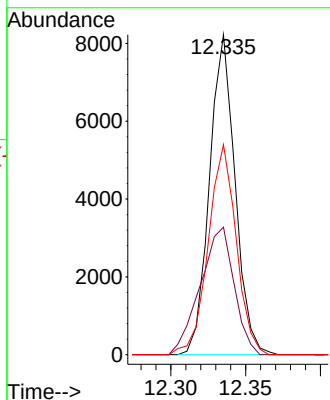
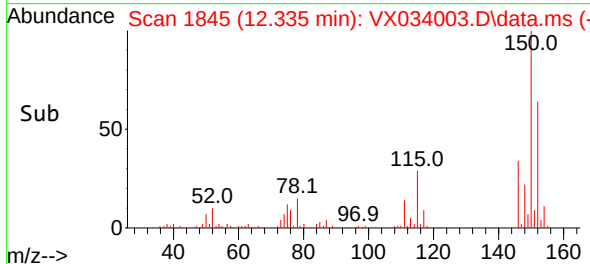
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT1-2023-01



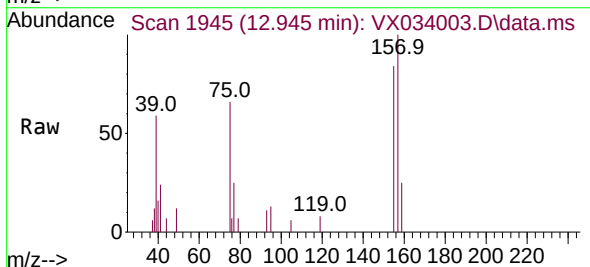
Tgt Ion:146 Resp: 9798
Ion Ratio Lower Upper
146 100
111 39.9 30.4 45.6
148 65.6 51.4 77.2

Manual Integrations
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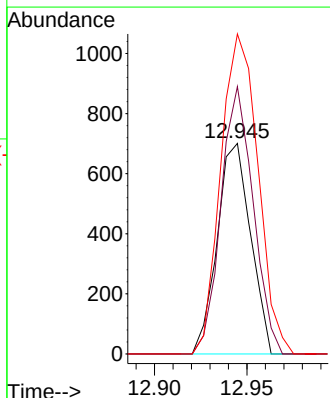
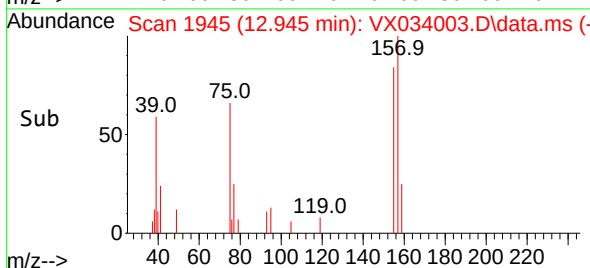
Reviewed By :Krupa Patel 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

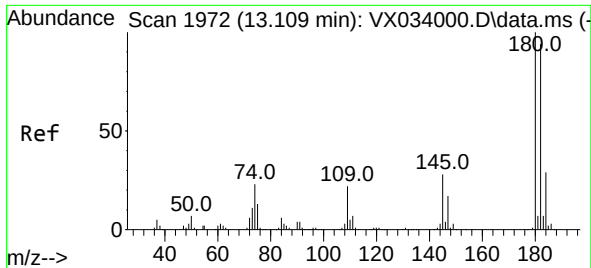


#68
1,2-Dibromo-3-chloropropane
Concen: 2.258 ug/L m
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX034003.D
Acq: 03 Feb 2023 10:42



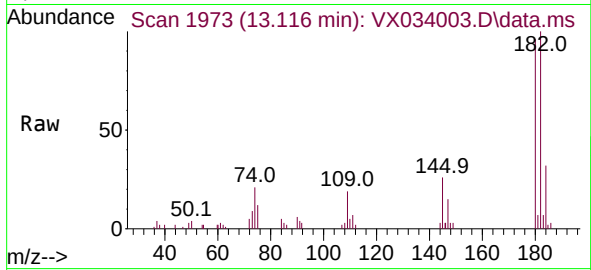
Tgt Ion: 75 Resp: 880
Ion Ratio Lower Upper
75 100
155 127.0 89.0 133.6
157 151.9 116.9 175.3





#69
1,3,5-Trichlorobenzene
Concen: 2.728 ug/L
RT: 13.116 min Scan# 1973
Delta R.T. 0.006 min
Lab File: VX034003.D
Acq: 03 Feb 2023 10:42

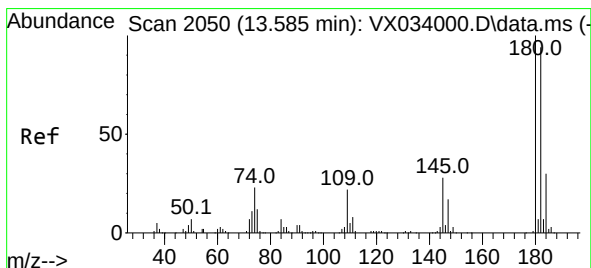
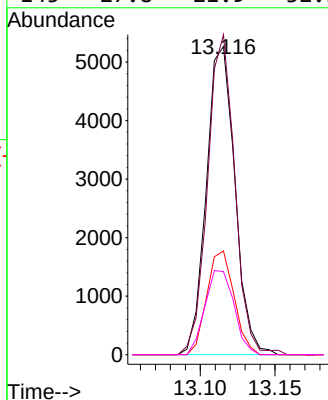
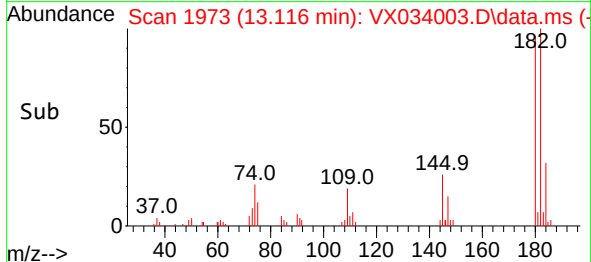
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2023-01



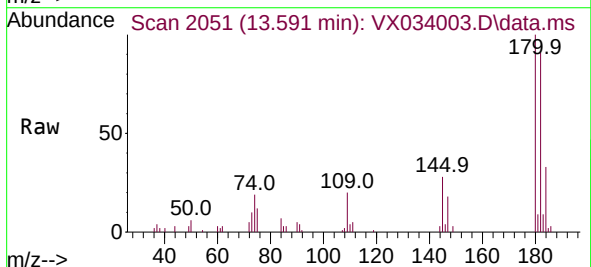
Tgt Ion:180 Resp: 700
Ion Ratio Lower Upper
180 100
182 98.1 77.3 115.9
184 32.1 24.5 36.7
145 27.8 21.9 32.9

Manual Integrations
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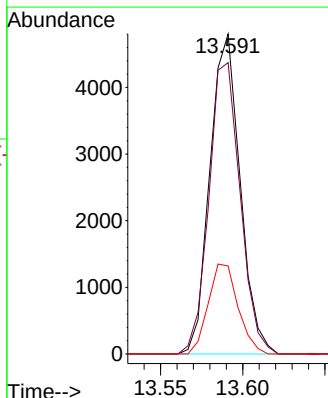
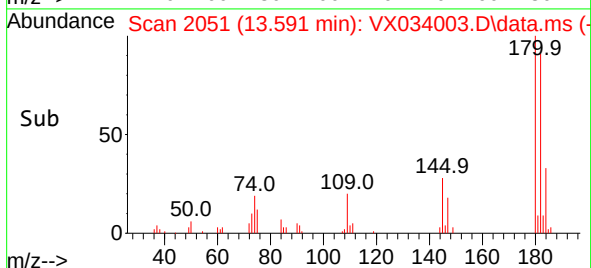
Reviewed By :Krupa Patel 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023

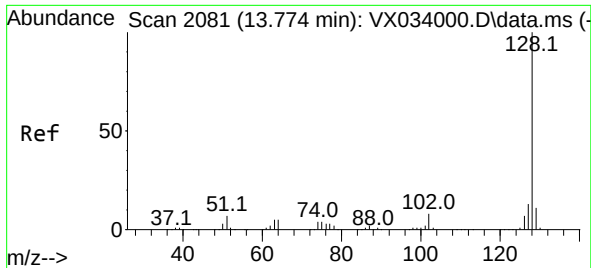


#70
1,2,4-trichlorobenzene
Concen: 2.632 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX034003.D
Acq: 03 Feb 2023 10:42



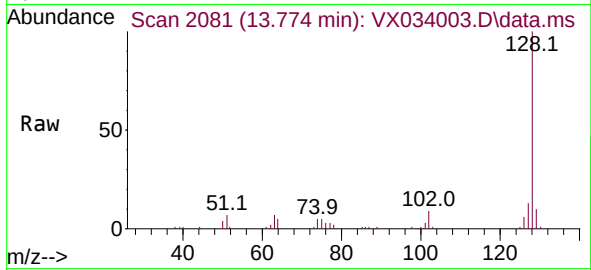
Tgt Ion:180 Resp: 6135
Ion Ratio Lower Upper
180 100
182 94.3 76.5 114.7
145 27.8 22.3 33.5





#71
Naphthalene
Concen: 2.479 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX034003.D
Acq: 03 Feb 2023 10:42

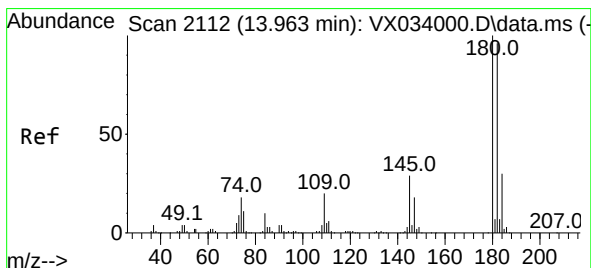
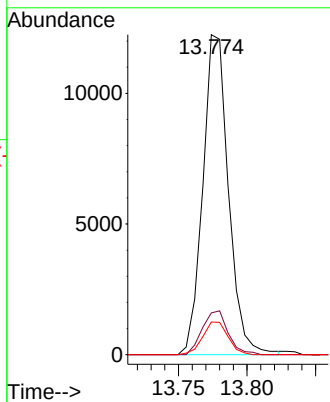
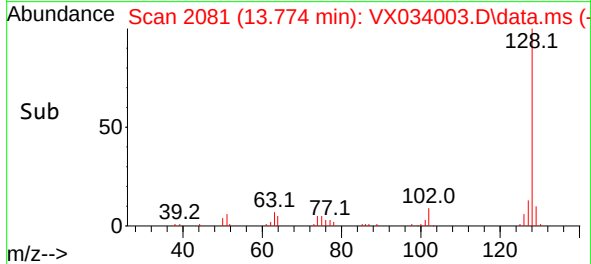
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT1-2023-01



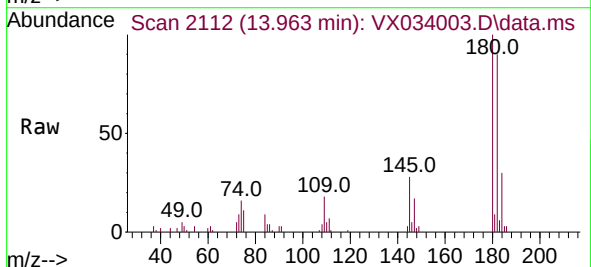
Tgt Ion:128 Resp: 15994
Ion Ratio Lower Upper
128 100
127 13.8 10.2 15.2
129 10.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 02/06/2023
Supervised By :Mahesh Dadoda 02/06/2023



#72
1,2,3-Trichlorobenzene
Concen: 2.767 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034003.D
Acq: 03 Feb 2023 10:42



Tgt Ion:180 Resp: 6367
Ion Ratio Lower Upper
180 100
182 91.2 77.1 115.7
145 28.4 23.5 35.3

