

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091422\
 Data File : VV027828.D
 Acq On : 14 Sep 2022 15:09
 Operator : SY/MD
 Sample : N4519-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT4-2022-07

Quant Time: Sep 15 04:38:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 15 02:47:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/15/2022
 Supervised By :Mahesh Dadoda 09/15/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.593	114	152052	5.000	ug/L	-0.02
28) Chlorobenzene-d5	8.853	117	116001	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54664	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	41507	4.141	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.558	69	40061	4.712	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.098	63	67768	3.186	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.800%
20) 2-Butanone-d5	3.953	46	112646	50.713	ug/L	0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.420%
24) Chloroform-d	4.346	84	101917	4.966	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.027	65	59275	5.424	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.400%
32) Benzene-d6	5.030	84	200864	5.969	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	119.400%
36) 1,2-Dichloropropane-d6	6.050	67	52425	5.321	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.400%
41) Toluene-d8	7.320	98	147659	5.218	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
43) trans-1,3-Dichloroprop...	7.628	79	15184	4.594	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.114	63	62000	50.460	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.920%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	34322	5.425	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	50540	5.628	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	2560	0.172	ug/L	92
3) Chloromethane	1.233	50	2898	0.213	ug/L	83
5) Vinyl chloride	1.301	62	2751	0.201	ug/L #	67
6) Bromomethane	1.513	94	1482	0.201	ug/L	91
8) Chloroethane	1.577	64	1734	0.221	ug/L	88
9) Trichlorofluoromethane	1.744	101	4168	0.188	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	2587	0.239	ug/L #	84
12) 1,1-Dichloroethene	2.108	96	2674	0.265	ug/L #	1
14) Carbon disulfide	2.281	76	5354	0.179	ug/L	96
16) Methylene chloride	2.497	84	11994	0.924	ug/L	87
17) Methyl tert-butyl Ether	2.777	73	5270	0.220	ug/L #	88
18) trans-1,2-Dichloroethene	2.748	96	2143	0.201	ug/L	98
19) 1,1-Dichloroethane	3.185	63	4478	0.224	ug/L	95
21) 2-Butanone	4.034	43	6525m	2.793	ug/L	
22) cis-1,2-Dichloroethene	3.908	96	2907	0.251	ug/L #	93
23) Bromochloromethane	4.246	128	1156	0.237	ug/L #	83
25) Chloroform	4.375	83	8504	0.384	ug/L	91
27) 1,2-Dichloroethane	5.127	62	3260	0.243	ug/L #	86
29) 1,1,1-Trichloroethane	4.600	97	4697	0.263	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	4.657	56	3089	0.211	ug/L #	85
31) Carbon tetrachloride	4.809	117	3522	0.232	ug/L	92
33) Benzene	5.082	78	9657	0.252	ug/L	100
34) Trichloroethene	5.886	95	2477	0.258	ug/L	95
35) Methylcyclohexane	6.085	83	3115m	0.212	ug/L	
37) 1,2-Dichloropropane	6.153	63	2015	0.222	ug/L #	90
38) Bromodichloromethane	6.490	83	3069	0.255	ug/L #	92
39) cis-1,3-Dichloropropene	7.034	75	2296	0.200	ug/L	87
40) 4-Methyl-2-pentanone	7.262	43	8310	2.017	ug/L #	83
42) Toluene	7.391	91	8468	0.228	ug/L	95
44) trans-1,3-Dichloropropene	7.657	75	2099	0.218	ug/L #	77
45) 1,1,2-Trichloroethane	7.850	97	1455	0.247	ug/L	97
47) Tetrachloroethene	7.976	164	2093	0.272	ug/L	95
48) 2-Hexanone	8.169	43	14338	4.786	ug/L	93
49) Dibromochloromethane	8.255	129	1610	0.215	ug/L	98
50) 1,2-Dibromoethane	8.352	107	1419m	0.266	ug/L	
51) Chlorobenzene	8.886	112	5890	0.245	ug/L	98
52) Ethylbenzene	9.017	91	7584	0.197	ug/L	94
53) m,p-Xylene	9.143	106	2868	0.189	ug/L	94
54) o-Xylene	9.548	106	2883	0.200	ug/L	100
55) Styrene	9.567	104	4492	0.180	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.246	83	1760	0.267	ug/L #	91
59) Bromoform	9.738	173	754	0.228	ug/L #	79
60) Isopropylbenzene	9.934	105	7505	0.219	ug/L	96
61) 1,2,3-Trichloropropane	10.278	75	1233	0.285	ug/L #	89
62) 1,3,5-Trimethylbenzene	10.545	105	2262	0.235	ug/L	91
63) 1,2,4-Trimethylbenzene	10.918	105	5803	0.212	ug/L	95
64) 1,3-Dichlorobenzene	11.185	146	4003	0.231	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.419	75	224m	0.241	ug/L	
69) 1,3,5-Trichlorobenzene	12.648	180	2936	0.224	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	2056	0.198	ug/L	98
71) Naphthalene	13.506	128	3050	0.187	ug/L #	94
72) 1,2,3-Trichlorobenzene	13.741	180	1814	0.196	ug/L	94

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

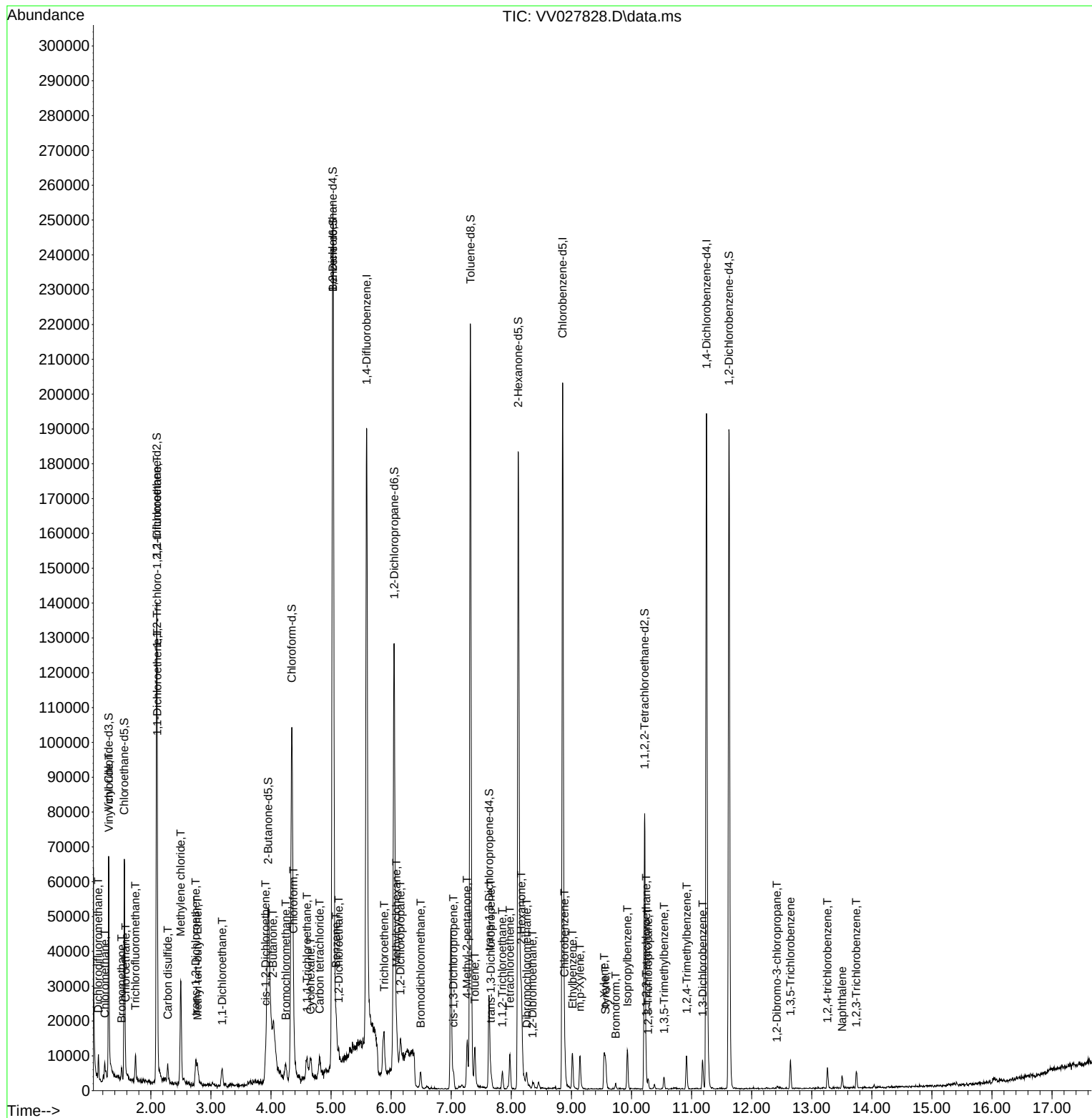
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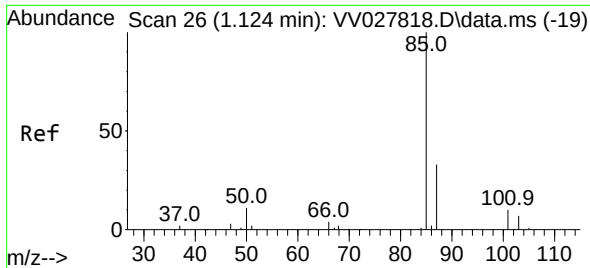
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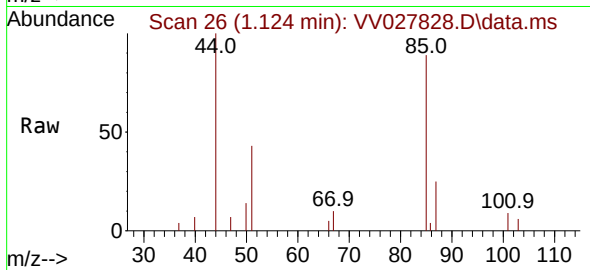
Reviewed By :Krupa Patel 09/15/2022
 Supervised By :Mahesh Dadoda 09/15/2022





#2
 Dichlorodifluoromethane
 Concen: 0.172 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. -0.007 min
 Lab File: VV027828.D
 Acq: 14 Sep 2022 15:09

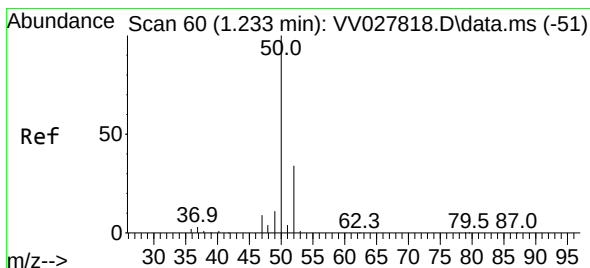
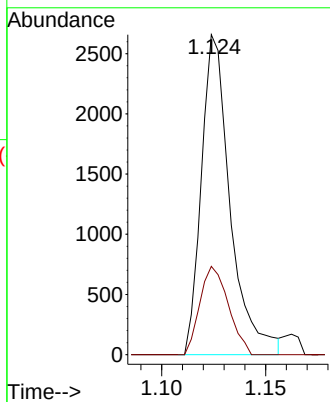
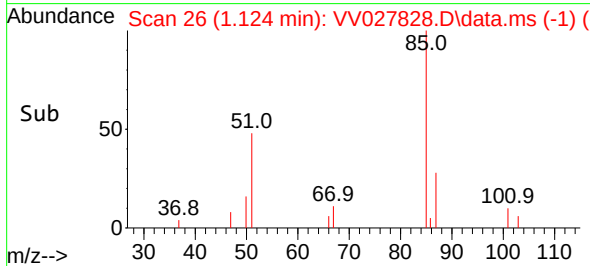
Instrument : MSVOA_V
 ClientSampleId :
 MDL-WATER-QT4-2022-07



Tgt Ion: 85 Resp: 2560
 Ion Ratio Lower Upper
 85 100
 87 27.3 25.4 38.0

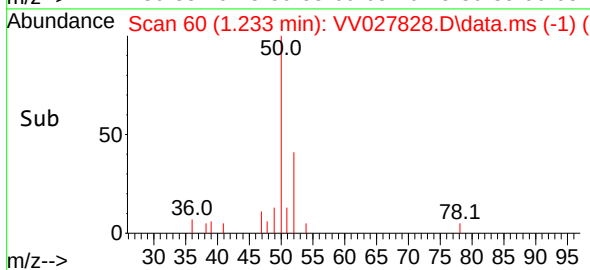
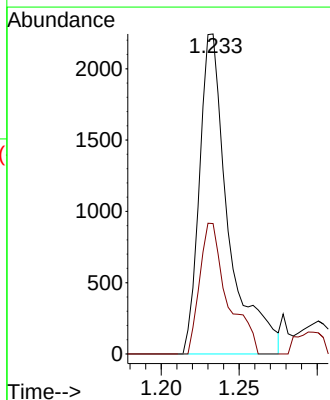
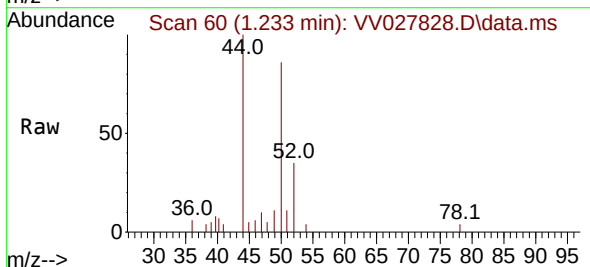
Manual Integrations
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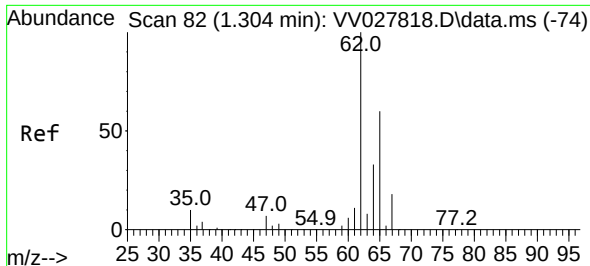
Reviewed By :Krupa Patel 09/15/2022
 Supervised By :Mahesh Dadoda 09/15/2022



#3
 Chloromethane
 Concen: 0.213 ug/L
 RT: 1.233 min Scan# 60
 Delta R.T. -0.007 min
 Lab File: VV027828.D
 Acq: 14 Sep 2022 15:09

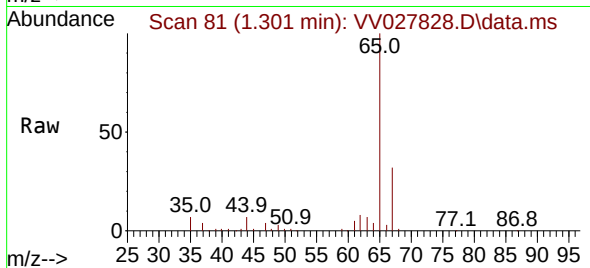
Tgt Ion: 50 Resp: 2898
 Ion Ratio Lower Upper
 50 100
 52 40.8 22.1 41.1





#5
 Vinyl chloride
 Concen: 0.201 ug/L
 RT: 1.301 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: VV027828.D
 Acq: 14 Sep 2022 15:09

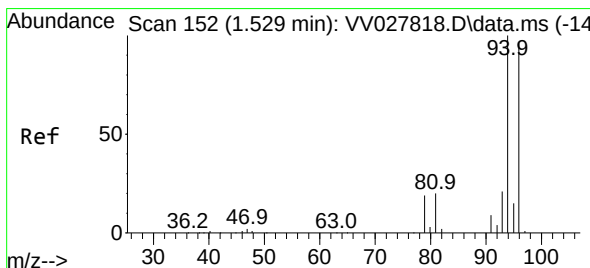
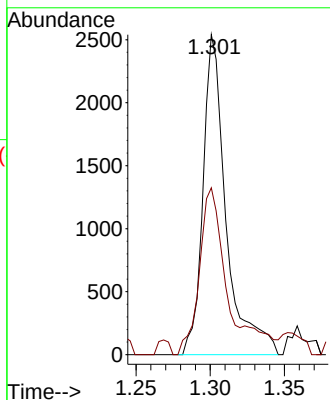
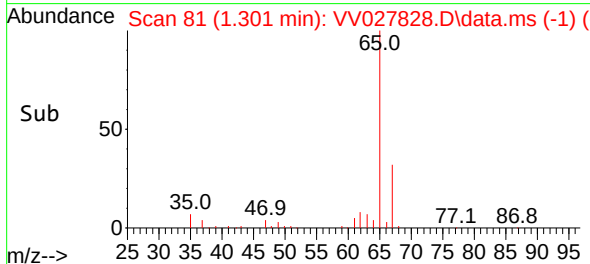
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT4-2022-07



Tgt Ion: 62 Resp: 275
 Ion Ratio Lower Upper
 62 100
 64 52.2 23.2 43.2

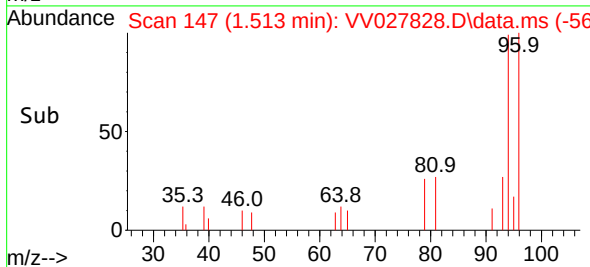
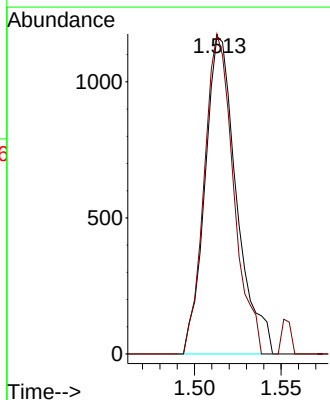
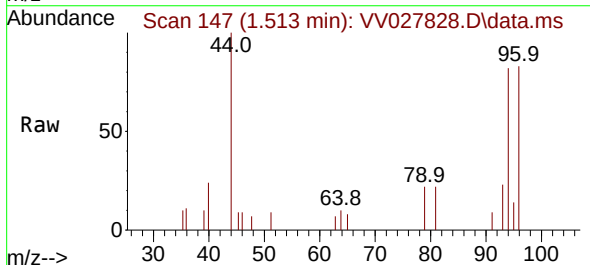
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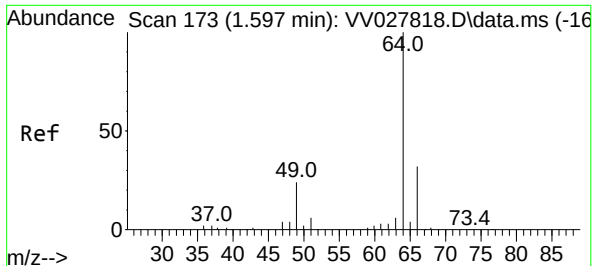
Reviewed By :Krupa Patel 09/15/2022
 Supervised By :Mahesh Dadoda 09/15/2022



#6
 Bromomethane
 Concen: 0.201 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. -0.007 min
 Lab File: VV027828.D
 Acq: 14 Sep 2022 15:09

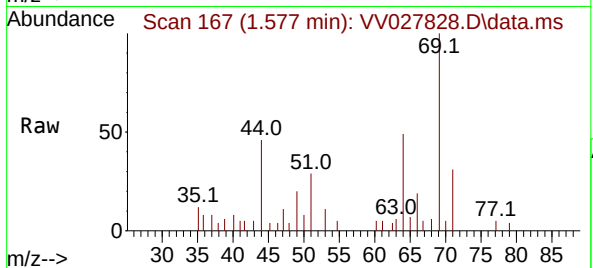
Tgt Ion: 94 Resp: 1482
 Ion Ratio Lower Upper
 94 100
 96 100.7 64.2 119.2





#8
Chloroethane
Concen: 0.221 ug/L
RT: 1.577 min Scan# 173
Delta R.T. -0.003 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

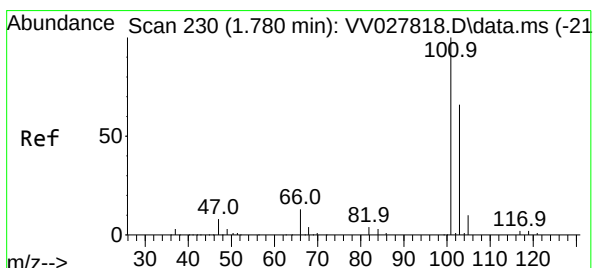
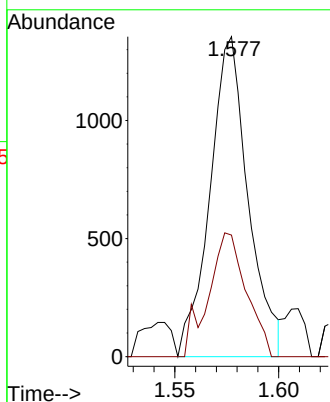
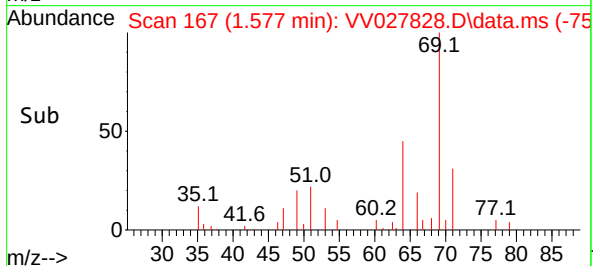
Instrument :
MSVOA_V
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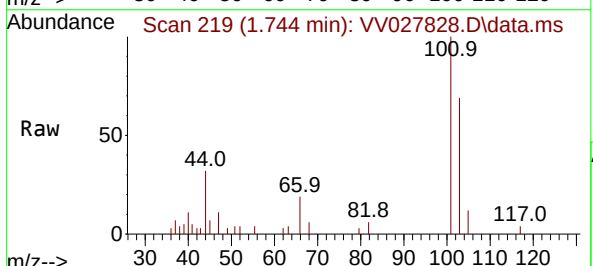
Tgt Ion: 64 Resp: 1734
Ion Ratio Lower Upper
64 100
66 38.0 22.1 41.1

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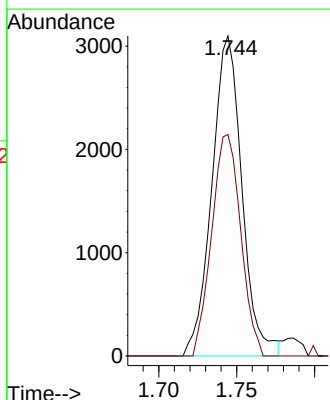
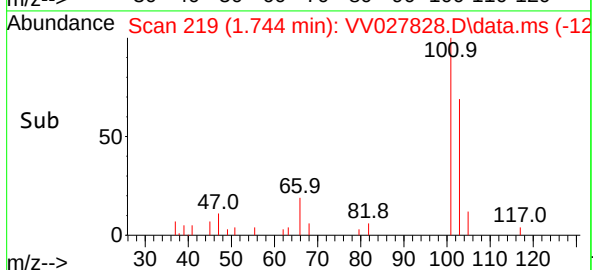
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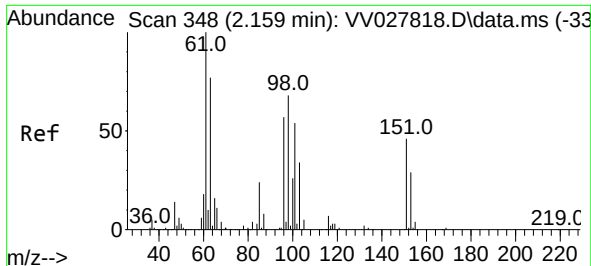


#9
Trichlorofluoromethane
Concen: 0.188 ug/L
RT: 1.744 min Scan# 219
Delta R.T. -0.003 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09



Tgt Ion:101 Resp: 4168
Ion Ratio Lower Upper
101 100
103 66.6 52.3 78.5





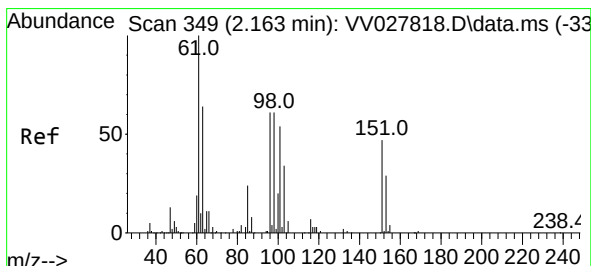
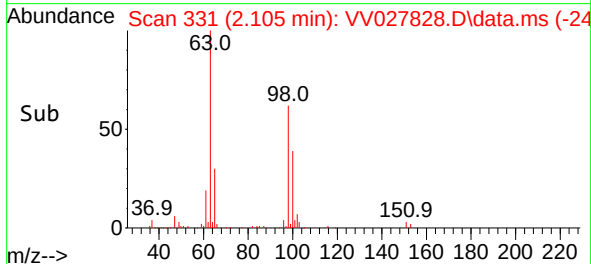
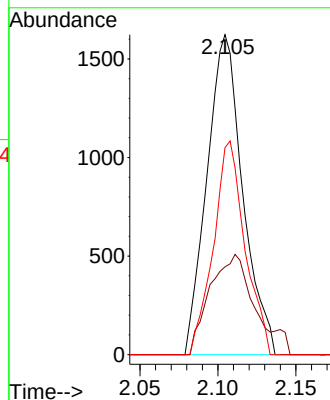
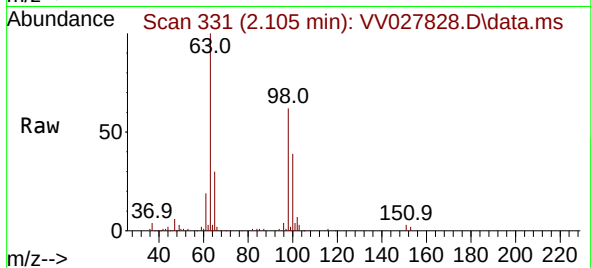
#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.239 ug/L
 RT: 2.105 min Scan# 311
 Delta R.T. -0.010 min
 Lab File: VV027828.D
 Acq: 14 Sep 2022 15:09

Instrument :
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 MDL-WATER-QT4-2022-07

Tgt Ion: 101 Resp: 258
 Ion Ratio Lower Upper
 101 100
 85 39.5 35.8 53.8
 151 59.0 61.2 91.8

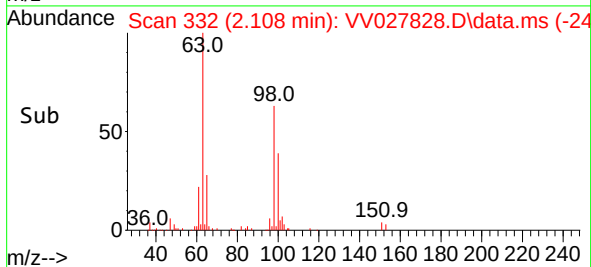
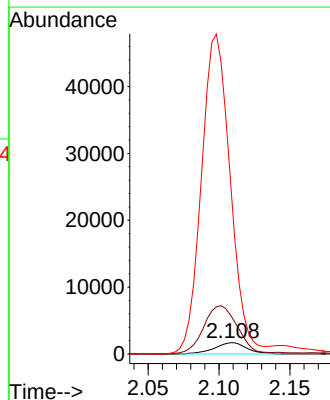
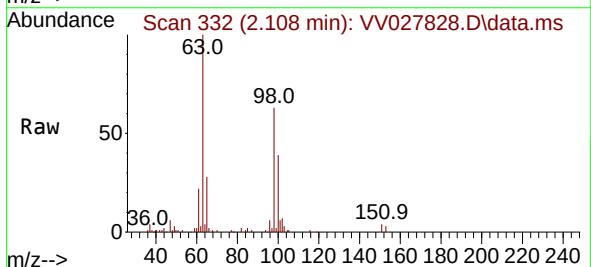
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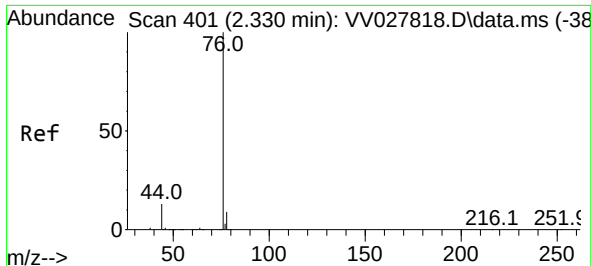
Reviewed By :Krupa Patel 09/15/2022
 Supervised By :Mahesh Dadoda 09/15/2022



#12
 1,1-Dichloroethene
 Concen: 0.265 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.007 min
 Lab File: VV027828.D
 Acq: 14 Sep 2022 15:09

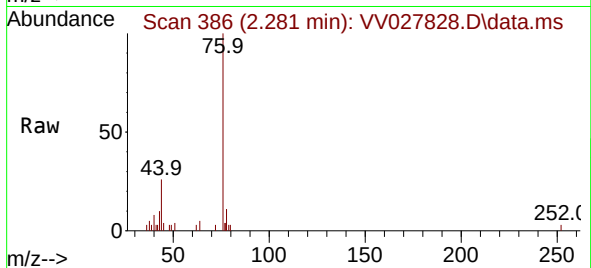
Tgt Ion: 96 Resp: 2674
 Ion Ratio Lower Upper
 96 100
 61 350.9 129.9 241.3#
 63 1584.8 94.6 175.8#





#14
Carbon disulfide
Concen: 0.179 ug/L
RT: 2.281 min Scan# 386
Delta R.T. -0.007 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

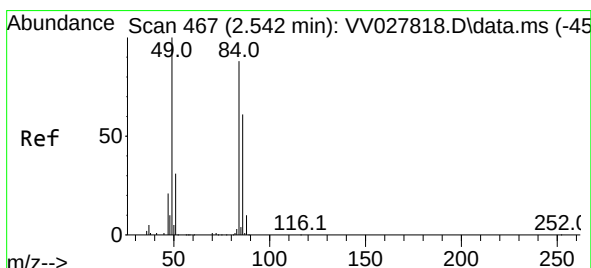
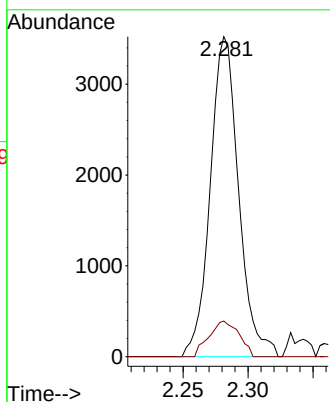
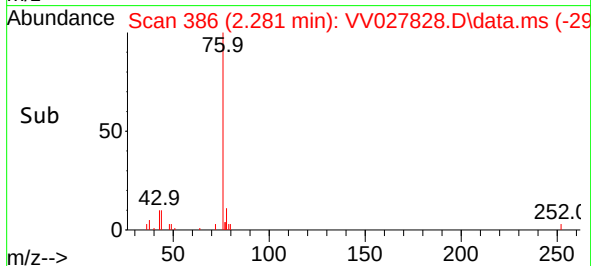
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Tgt Ion: 76 Resp: 5354
Ion Ratio Lower Upper
76 100
78 11.2 7.7 11.5

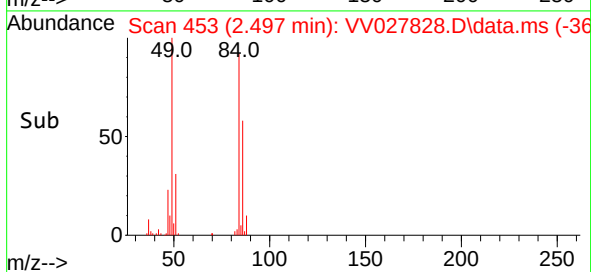
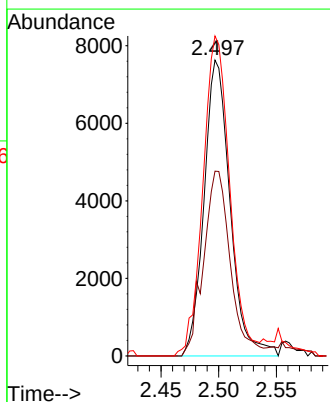
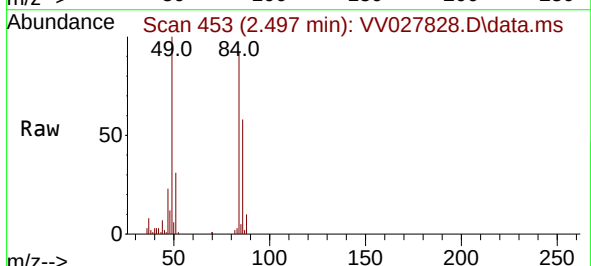
Manual Integrations
APPROVED

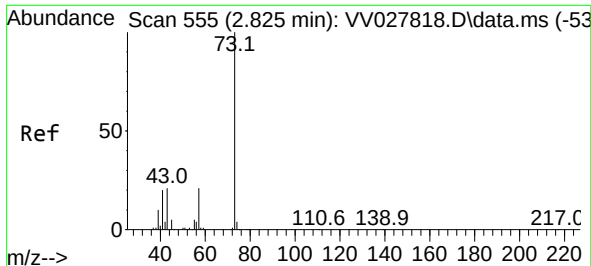
Reviewed By :Krupa Patel 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#16
Methylene chloride
Concen: 0.924 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.007 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

Tgt Ion: 84 Resp: 11994
Ion Ratio Lower Upper
84 100
86 62.5 44.9 83.3
49 108.2 90.1 167.3





#17

Methyl tert-butyl Ether

Concen: 0.220 ug/L

RT: 2.777 min Scan# 540

Delta R.T. 0.010 min

Lab File: VV027828.D

Acq: 14 Sep 2022 15:09

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2022-07

Tgt Ion: 73 Resp: 5270

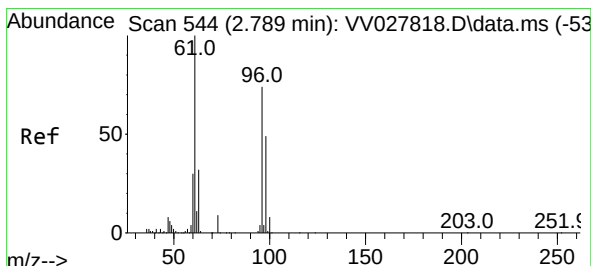
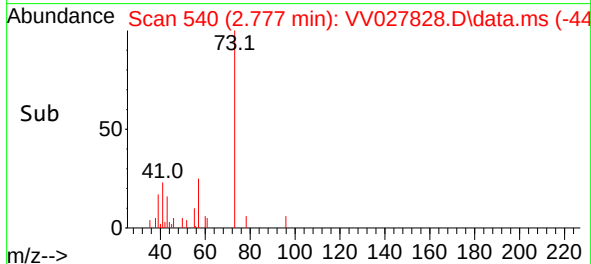
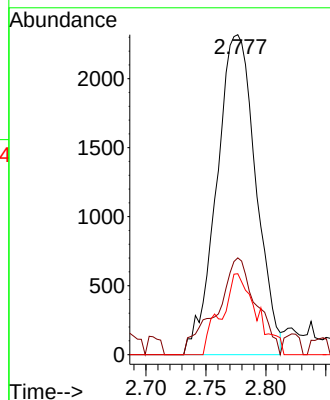
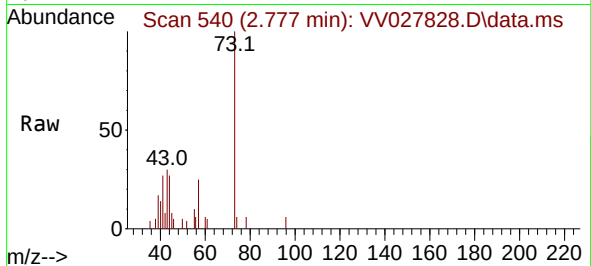
Ion	Ratio	Lower	Upper
73	100		
43	30.5	17.5	26.3
57	18.3	16.9	25.3

Manual Integrations

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Reviewed By :Krupa Patel 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#18

trans-1,2-Dichloroethene

Concen: 0.201 ug/L

RT: 2.748 min Scan# 531

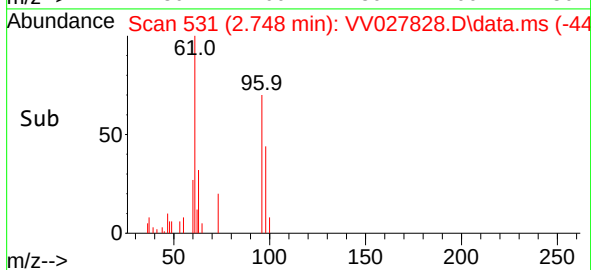
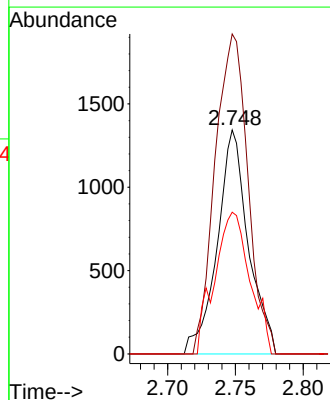
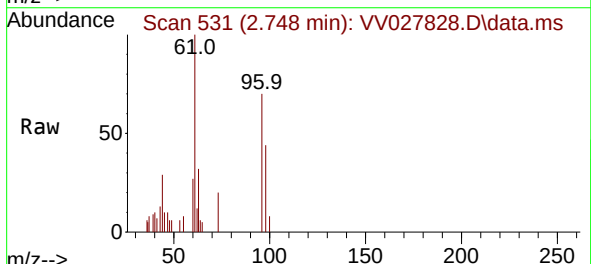
Delta R.T. -0.007 min

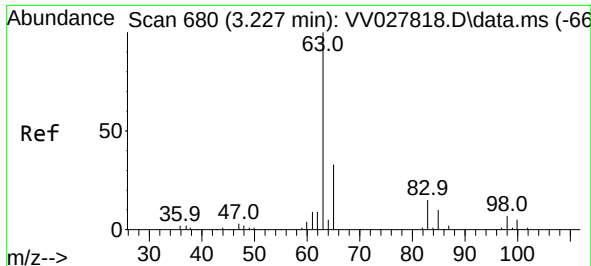
Lab File: VV027828.D

Acq: 14 Sep 2022 15:09

Tgt Ion: 96 Resp: 2143

Ion	Ratio	Lower	Upper
96	100		
61	142.9	102.6	190.5
98	63.2	44.0	81.8





#19

1,1-Dichloroethane

Concen: 0.224 ug/L

RT: 3.185 min Scan# 60

Delta R.T. -0.000 min

Lab File: VV027828.D

Acq: 14 Sep 2022 15:09

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2022-07

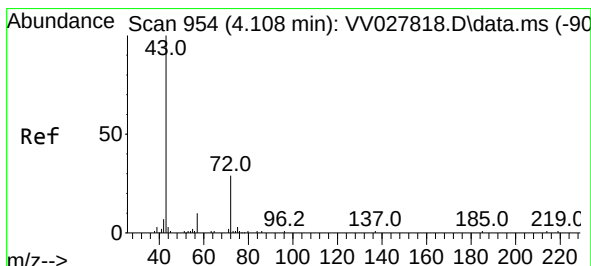
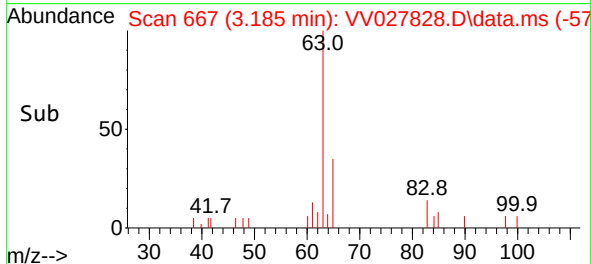
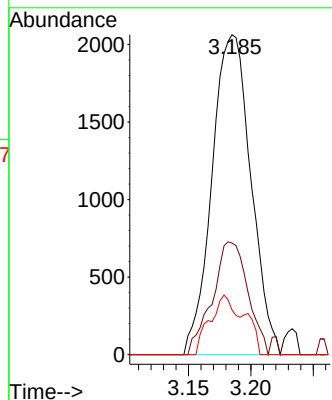
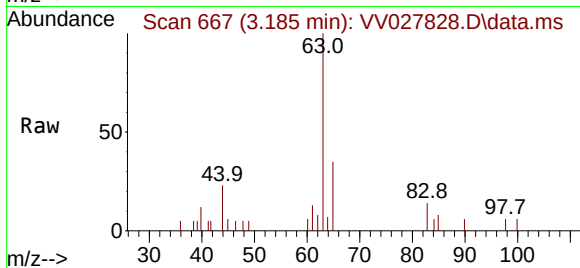
Tgt Ion: 63	Resp: 4478
Ion Ratio	Lower Upper
63 100	
65 34.9	22.0 41.0
83 14.0	10.1 18.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#21

2-Butanone

Concen: 2.793 ug/L m

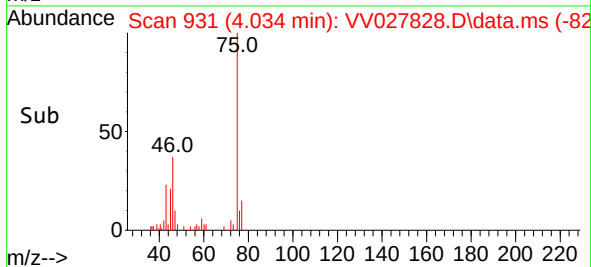
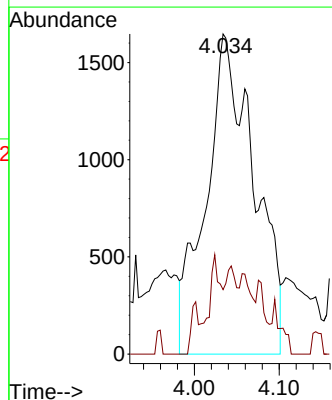
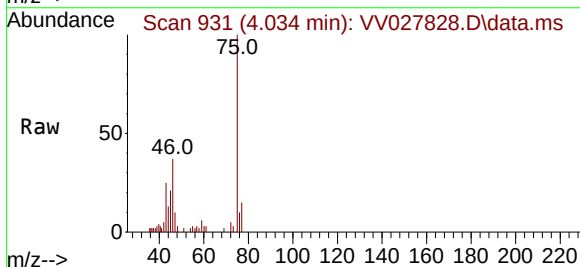
RT: 4.034 min Scan# 931

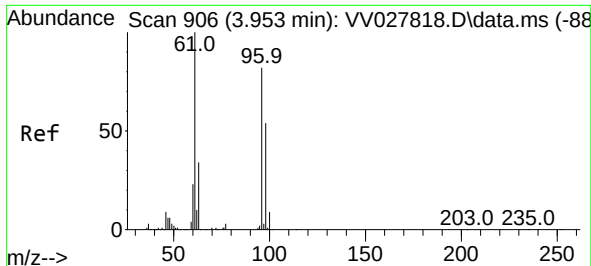
Delta R.T. 0.055 min

Lab File: VV027828.D

Acq: 14 Sep 2022 15:09

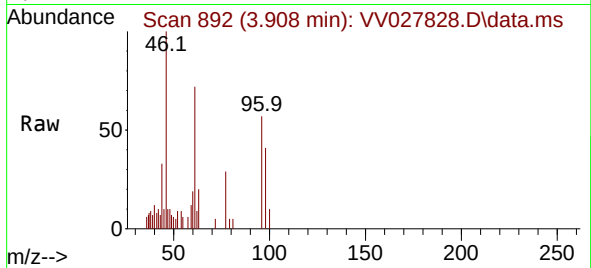
Tgt Ion: 43	Resp: 6525
Ion Ratio	Lower Upper
43 100	
72 0.7	13.0 39.0#





#22
cis-1,2-Dichloroethene
Concen: 0.251 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.003 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

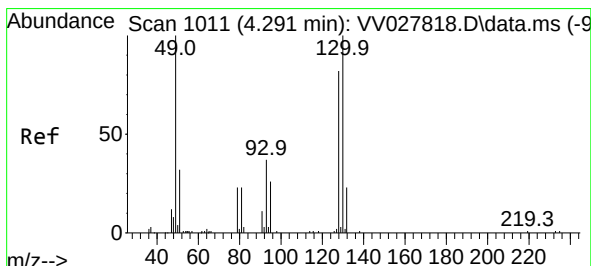
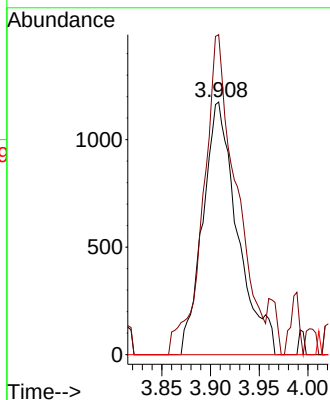
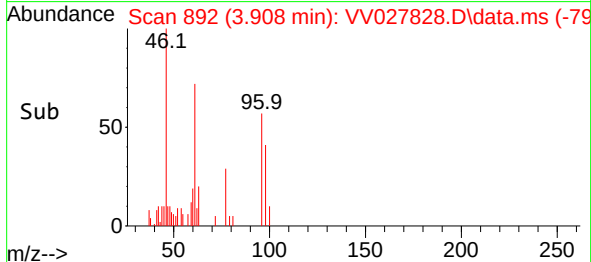
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-07



Tgt Ion: 96 Resp: 290
Ion Ratio Lower Upper
96 100
61 126.6 94.6 175.6
68 0.0 0.3 0.5

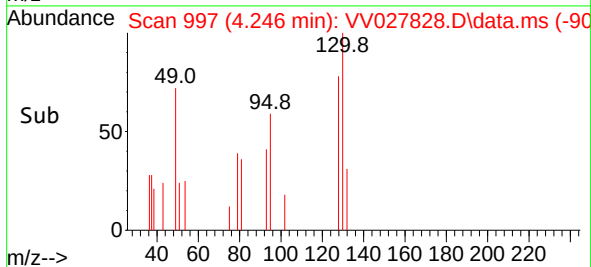
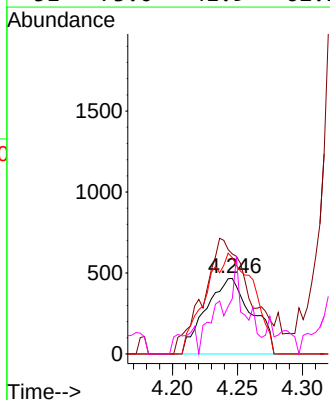
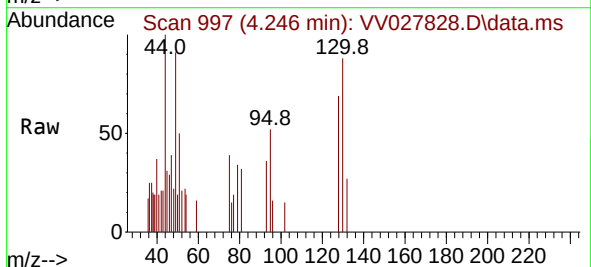
Manual Integrations
APPROVED

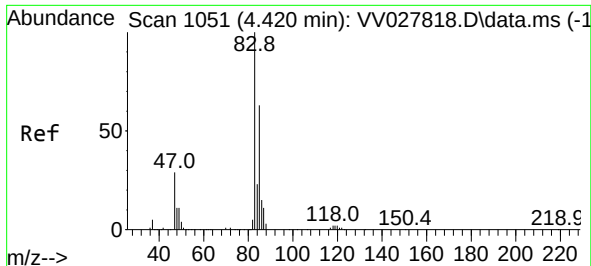
Reviewed By :Krupa Patel 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#23
Bromochloromethane
Concen: 0.237 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.003 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

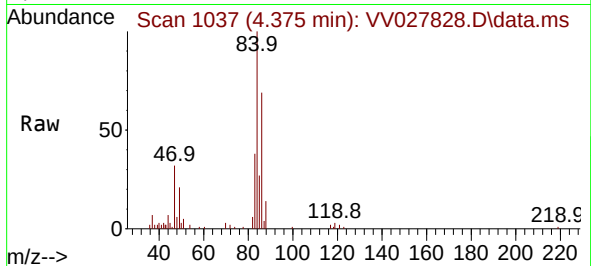
Tgt Ion:128 Resp: 1156
Ion Ratio Lower Upper
128 100
49 132.3 118.4 219.8
130 127.4 89.2 165.6
51 73.0 41.9 62.9





#25
Chloroform
Concen: 0.384 ug/L
RT: 4.375 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

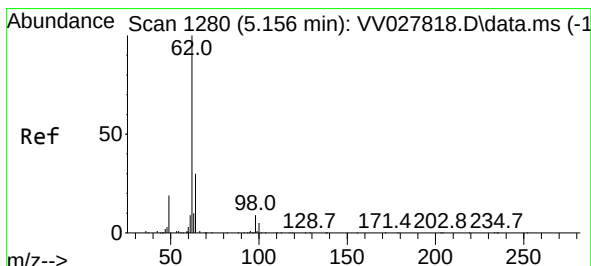
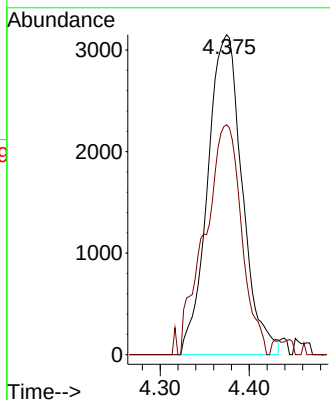
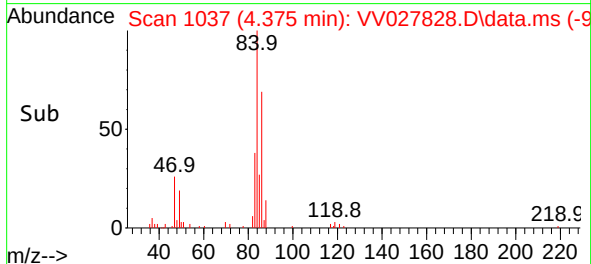
Instrument : MSVOA_V
ClientSampleId : VV027828.D
MDL-WATER-QT4-2022-07



Tgt Ion: 83 Resp: 8504
Ion Ratio Lower Upper
83 100
85 71.9 45.4 84.2

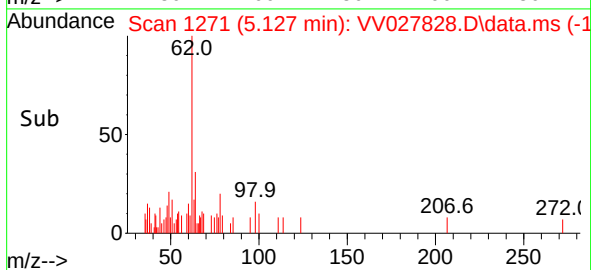
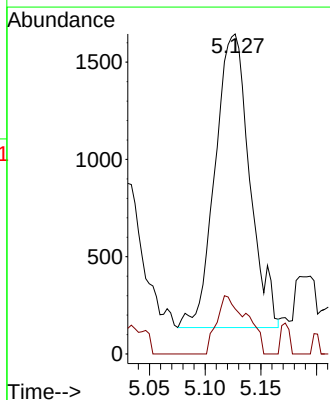
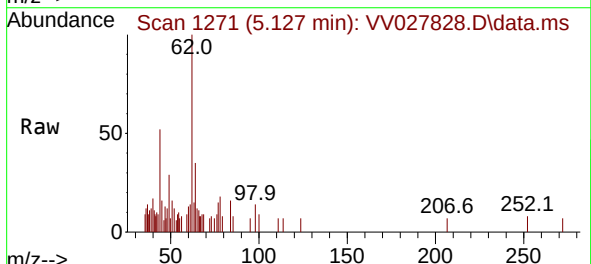
Manual Integrations
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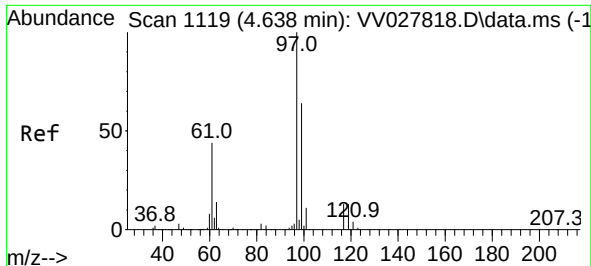
Reviewed By :Krupa Patel 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#27
1,2-Dichloroethane
Concen: 0.243 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. 0.003 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

Tgt Ion: 62 Resp: 3260
Ion Ratio Lower Upper
62 100
98 14.1 7.1 10.7#





#29

1,1,1-Trichloroethane

Concen: 0.263 ug/L

RT: 4.600 min Scan# 1119

Delta R.T. -0.003 min

Lab File: VV027828.D

Acq: 14 Sep 2022 15:09

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2022-07

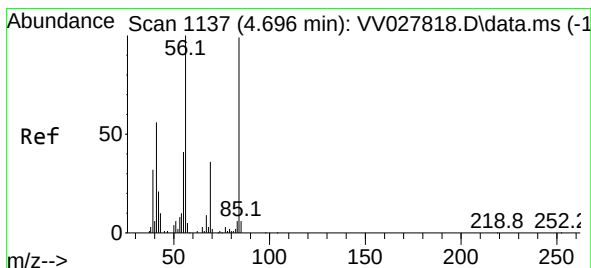
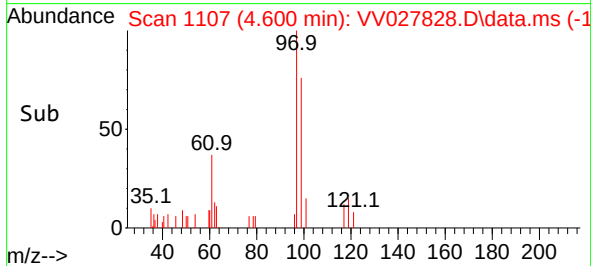
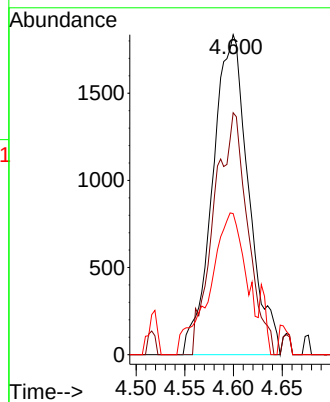
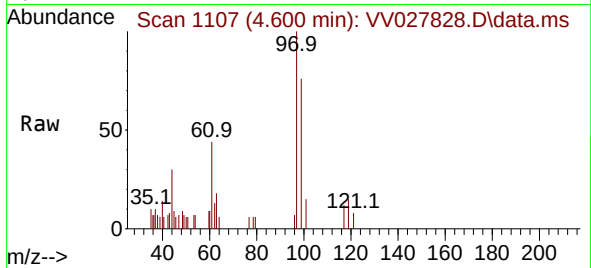
Tgt Ion: 97	Resp: 469
Ion Ratio	Lower Upper
97	100
99	71.1 50.8 76.2
61	44.9 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#30

Cyclohexane

Concen: 0.211 ug/L

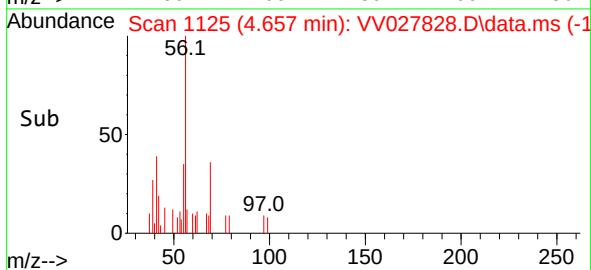
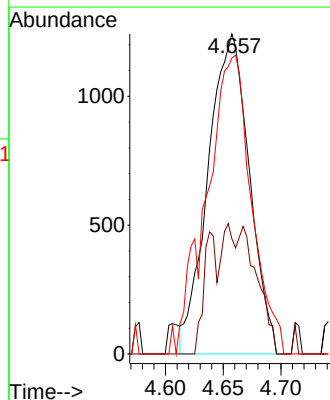
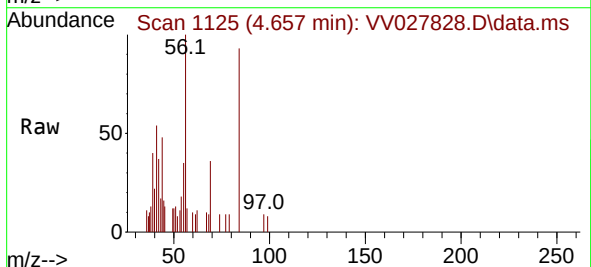
RT: 4.657 min Scan# 1125

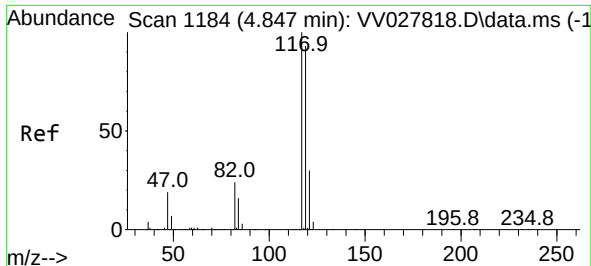
Delta R.T. -0.016 min

Lab File: VV027828.D

Acq: 14 Sep 2022 15:09

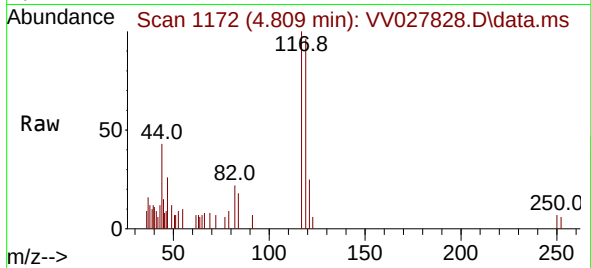
Tgt Ion: 56	Resp: 3089
Ion Ratio	Lower Upper
56	100
69	13.8 25.4 38.2
84	101.6 73.8 110.8





#31
Carbon tetrachloride
Concen: 0.232 ug/L
RT: 4.809 min Scan# 1172
Delta R.T. -0.013 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

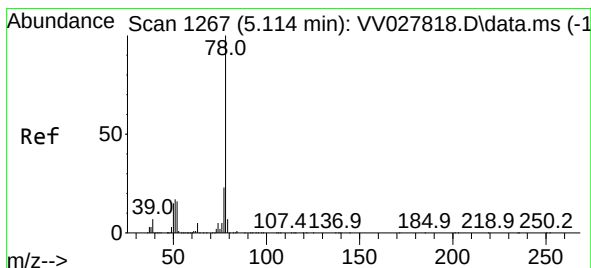
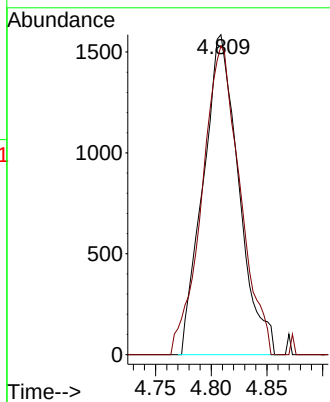
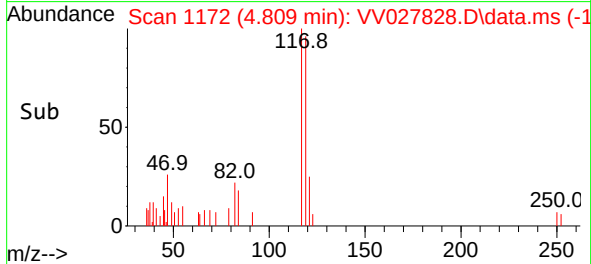
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT4-2022-07



Tgt Ion:117 Resp: 352
Ion Ratio Lower Upper
117 100
119 102.7 75.8 113.8

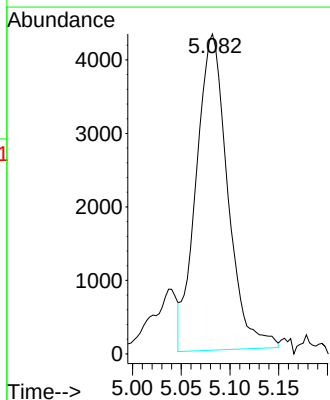
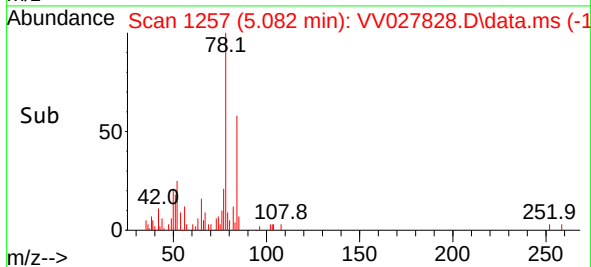
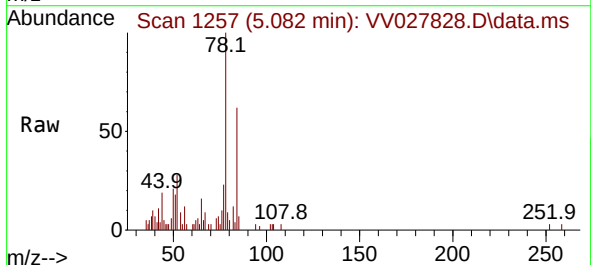
Manual Integrations
APPROVED

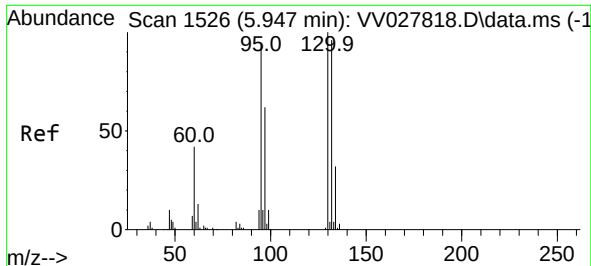
Reviewed By :Krupa Patel 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#33
Benzene
Concen: 0.252 ug/L
RT: 5.082 min Scan# 1257
Delta R.T. -0.010 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

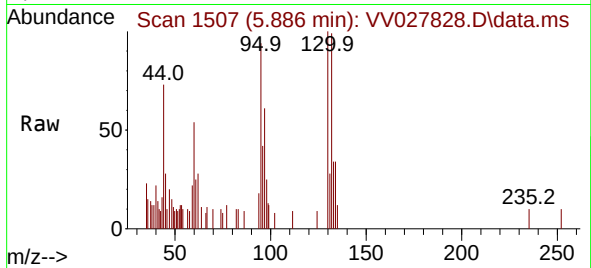
Tgt Ion: 78 Resp: 9657





#34
Trichloroethene
Concen: 0.258 ug/L
RT: 5.886 min Scan# 1507
Delta R.T. -0.023 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT4-2022-07

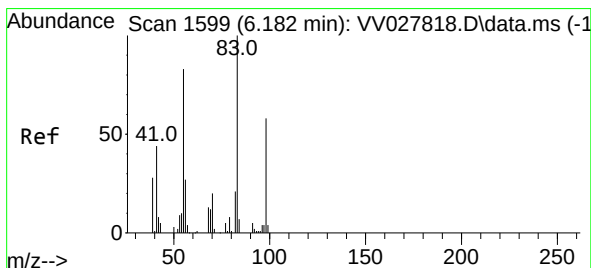
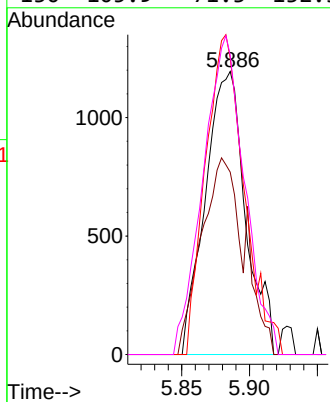
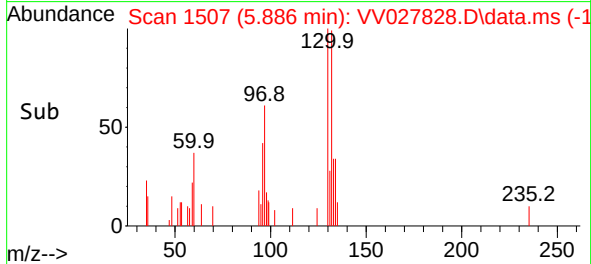


Tgt Ion: 95 Resp: 247

Ion	Ratio	Lower	Upper
95	100		
97	64.4	42.9	79.7
132	104.7	67.9	126.1
130	105.9	71.3	132.3

Manual Integrations
APPROVED

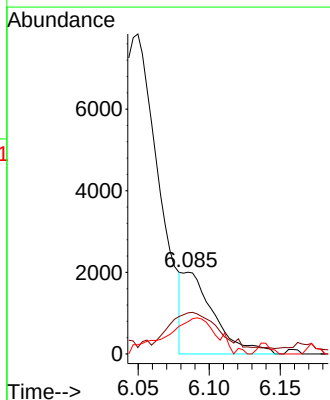
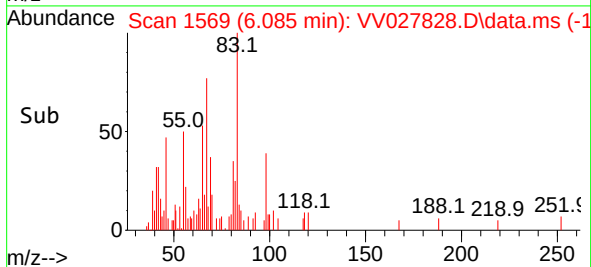
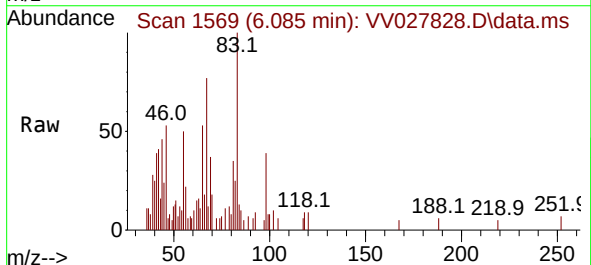
Reviewed By :Krupa Patel 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022

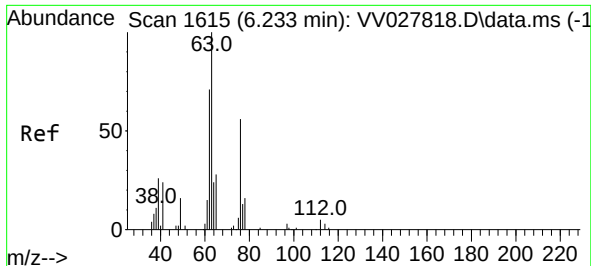


#35
Methylcyclohexane
Concen: 0.212 ug/L m
RT: 6.085 min Scan# 1569
Delta R.T. -0.039 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

Tgt Ion: 83 Resp: 3115

Ion	Ratio	Lower	Upper
83	100		
55	4.2	61.9	92.9#
98	0.0	37.5	56.3#





#37

1,2-Dichloropropane

Concen: 0.222 ug/L

RT: 6.153 min Scan# 1615

Delta R.T. -0.013 min

Lab File: VV027828.D

Acq: 14 Sep 2022 15:09

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2022-07

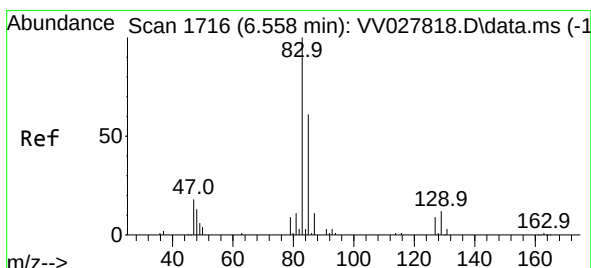
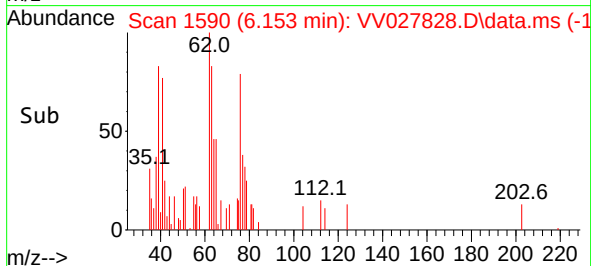
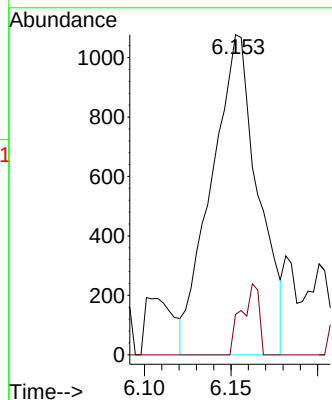
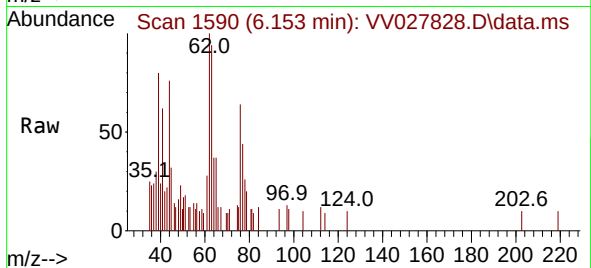
Tgt Ion: 63 Resp: 2015
 Ion Ratio Lower Upper
 63 100
 112 8.3 4.0 6.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#38

Bromodichloromethane

Concen: 0.255 ug/L

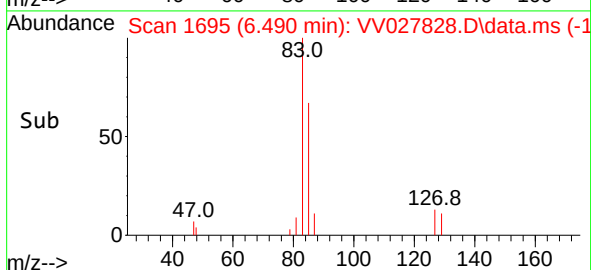
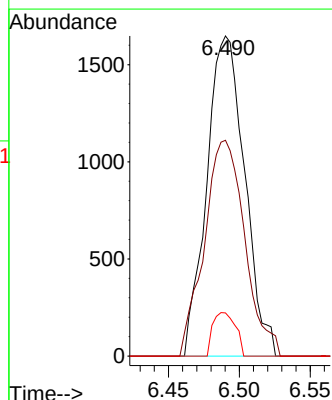
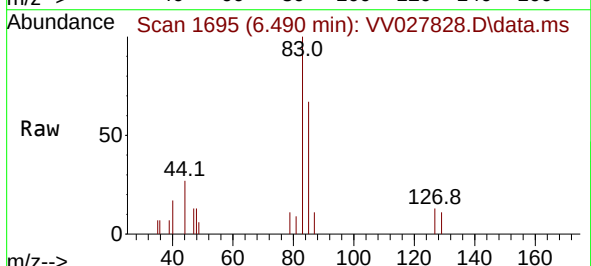
RT: 6.490 min Scan# 1695

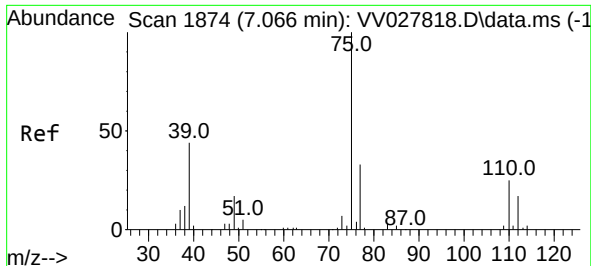
Delta R.T. -0.016 min

Lab File: VV027828.D

Acq: 14 Sep 2022 15:09

Tgt Ion: 83 Resp: 3069
 Ion Ratio Lower Upper
 83 100
 85 67.4 43.3 80.3
 127 13.5 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 0.200 ug/L

RT: 7.034 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV027828.D

Acq: 14 Sep 2022 15:09

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2022-07

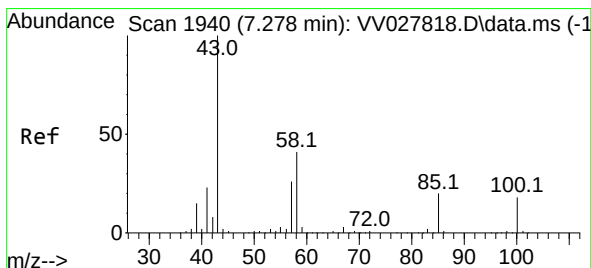
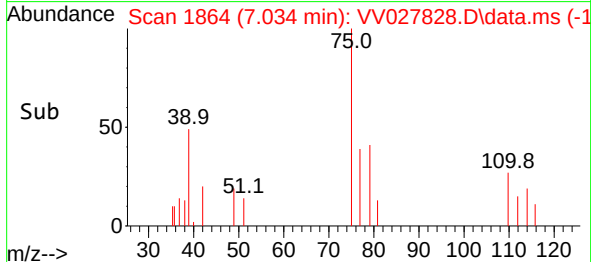
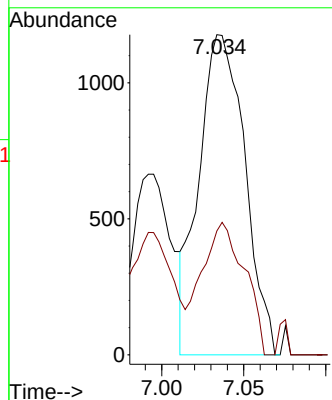
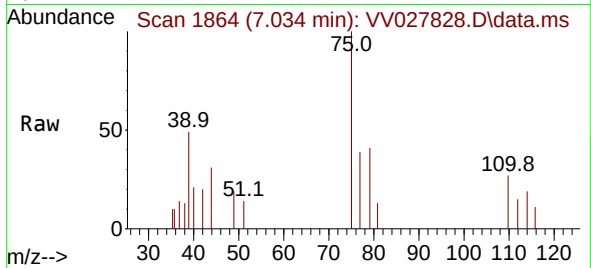
Tgt Ion: 75 Resp: 2290
 Ion Ratio Lower Upper
 75 100
 77 38.7 22.0 40.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#40

4-Methyl-2-pentanone

Concen: 2.017 ug/L

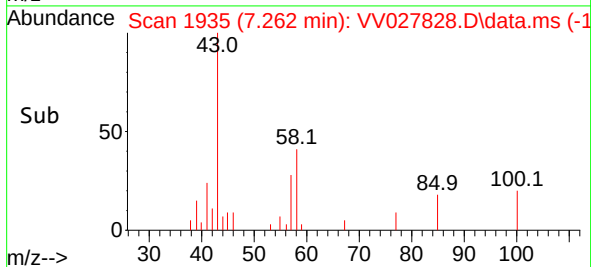
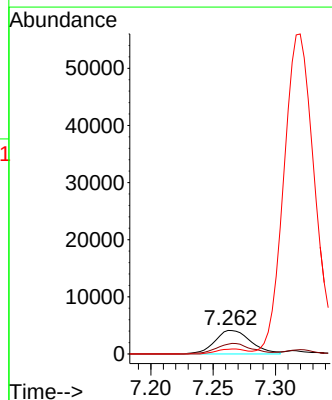
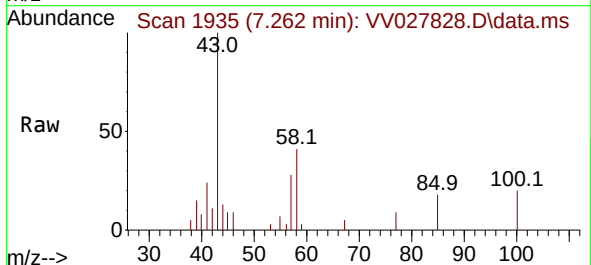
RT: 7.262 min Scan# 1935

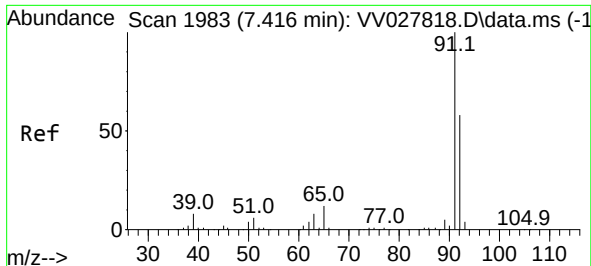
Delta R.T. 0.038 min

Lab File: VV027828.D

Acq: 14 Sep 2022 15:09

Tgt Ion: 43 Resp: 8310
 Ion Ratio Lower Upper
 43 100
 58 43.0 30.9 46.3
 100 0.0 13.4 20.0#





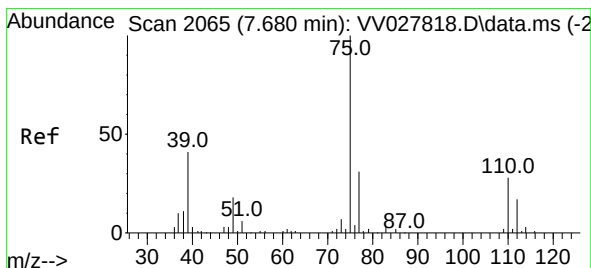
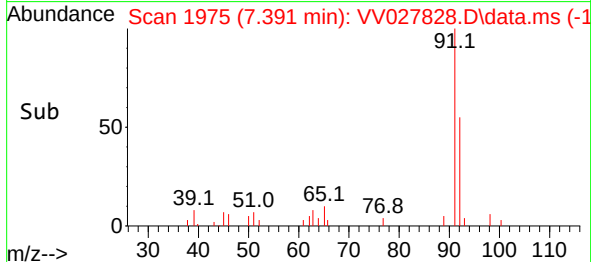
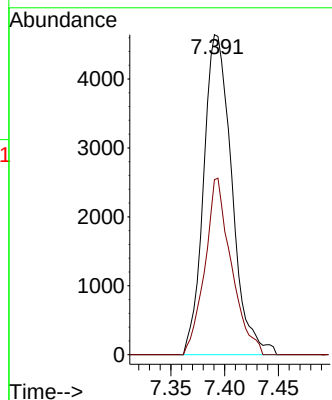
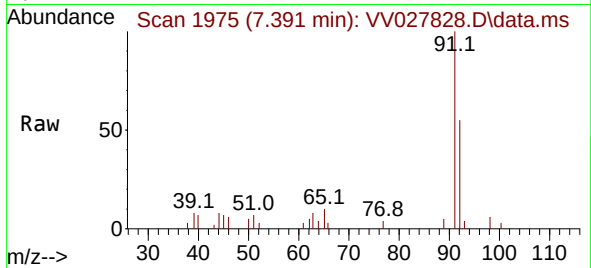
#42
Toluene
Concen: 0.228 ug/L
RT: 7.391 min Scan# 1983
Delta R.T. 0.006 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-07

Tgt Ion: 91 Resp: 846
Ion Ratio Lower Upper
91 100
92 54.7 40.8 75.8

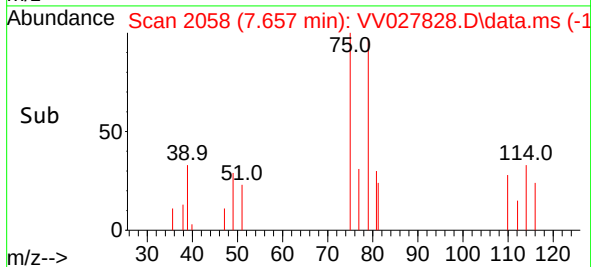
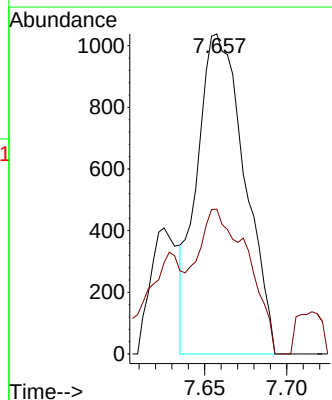
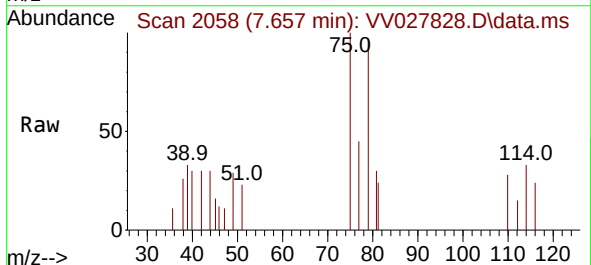
Manual Integrations
APPROVED

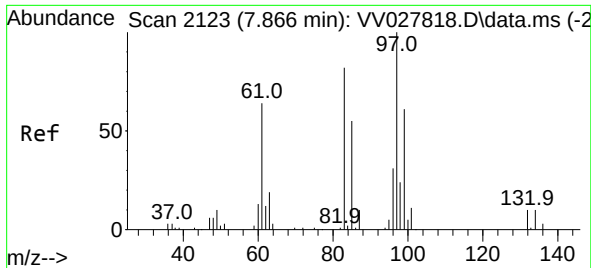
Reviewed By :Krupa Patel 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#44
trans-1,3-Dichloropropene
Concen: 0.218 ug/L
RT: 7.657 min Scan# 2058
Delta R.T. 0.010 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

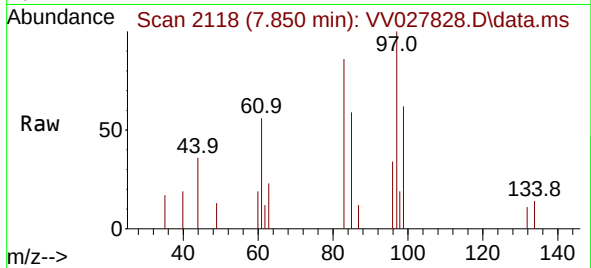
Tgt Ion: 75 Resp: 2099
Ion Ratio Lower Upper
75 100
77 45.3 22.6 42.0#





#45
1,1,2-Trichloroethane
Concen: 0.247 ug/L
RT: 7.850 min Scan# 2118
Delta R.T. 0.016 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

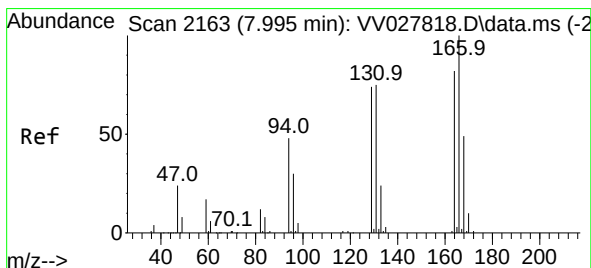
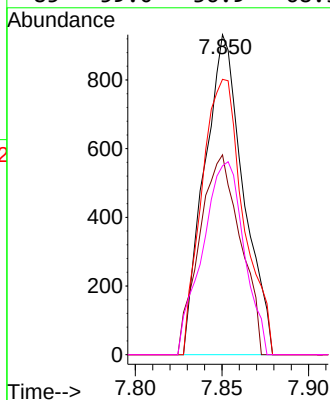
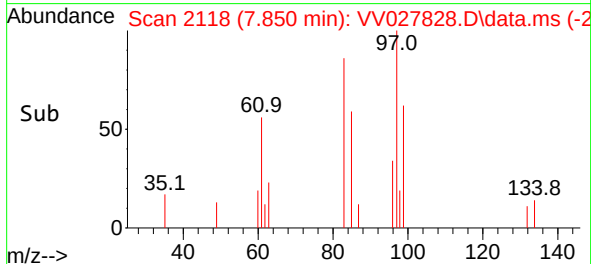
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-07



Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.4	44.2	82.0
83	86.1	60.3	112.1
85	59.0	36.9	68.5

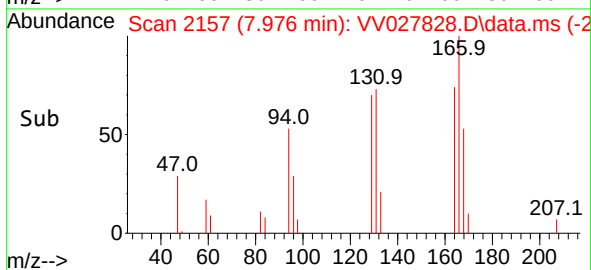
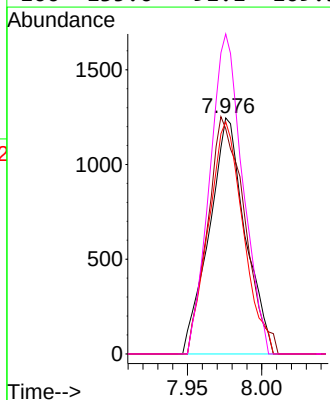
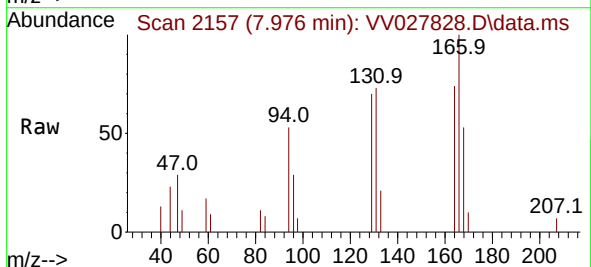
Manual Integrations
APPROVED

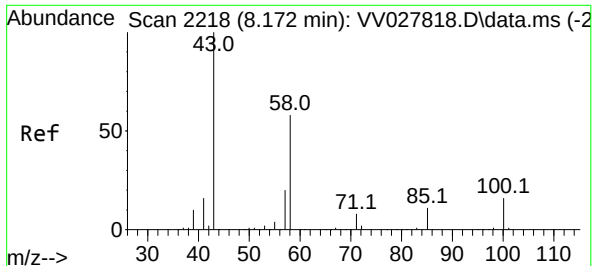
Reviewed By :Krupa Patel 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#47
Tetrachloroethene
Concen: 0.272 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

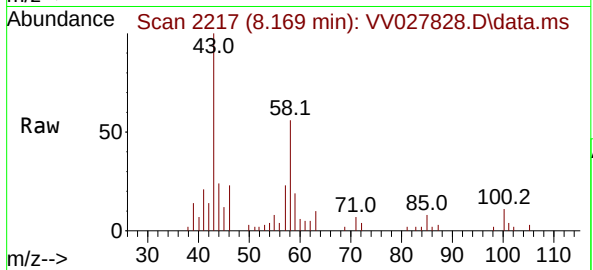
Tgt Ion	Ratio	Lower	Upper
164	100		
129	95.4	67.2	124.8
131	98.3	61.5	114.3
166	135.6	91.1	169.3





#48
2-Hexanone
Concen: 4.786 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.029 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

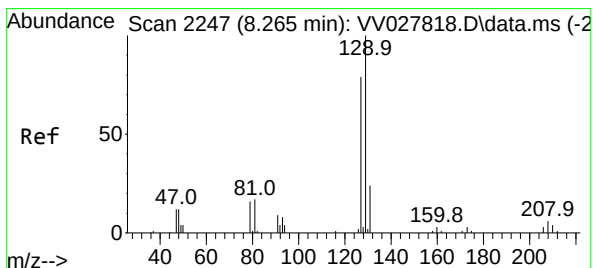
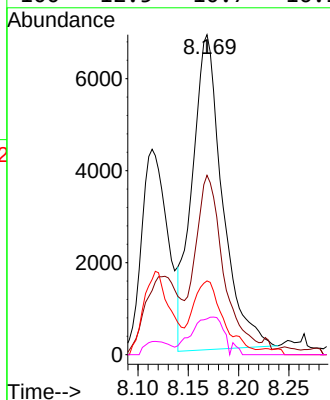
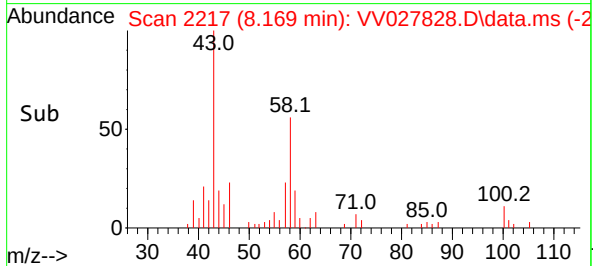
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-07



Tgt Ion: 43 Resp: 14338
Ion Ratio Lower Upper
43 100
58 47.8 43.2 64.8
57 21.4 15.6 23.4
100 12.5 10.7 16.1

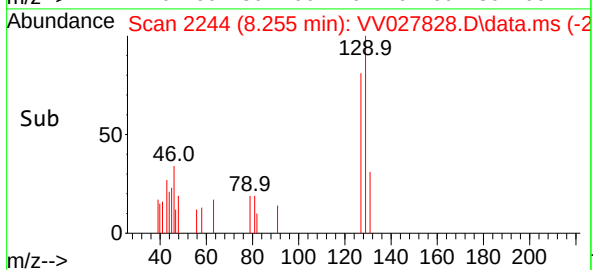
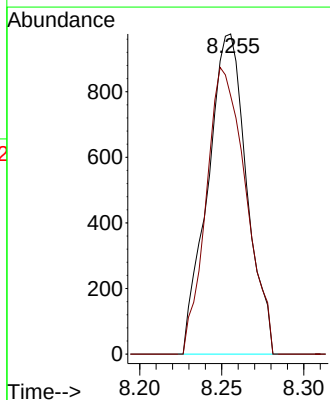
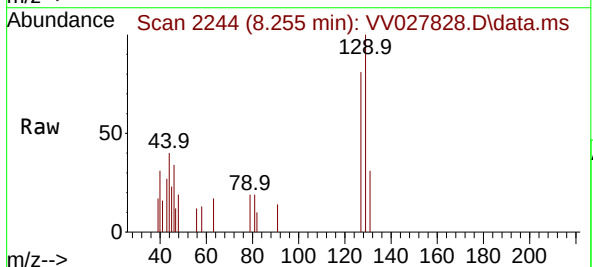
Manual Integrations
APPROVED

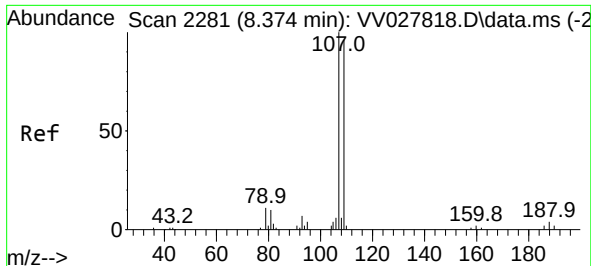
Reviewed By :Krupa Patel 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#49
Dibromochloromethane
Concen: 0.215 ug/L
RT: 8.255 min Scan# 2244
Delta R.T. 0.013 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

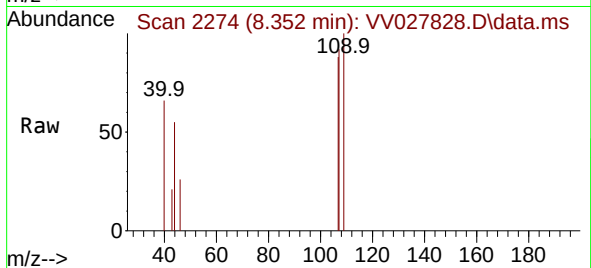
Tgt Ion:129 Resp: 1610
Ion Ratio Lower Upper
129 100
127 80.6 55.2 102.6





#50
1,2-Dibromoethane
Concen: 0.266 ug/L m
RT: 8.352 min Scan# 2281
Delta R.T. 0.003 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

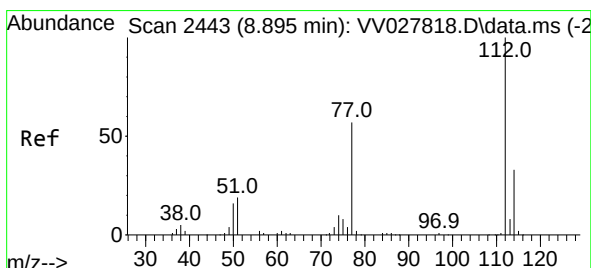
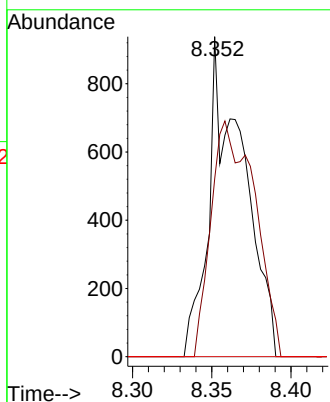
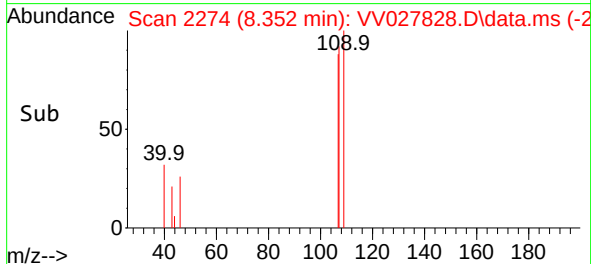
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-07



Tgt Ion:107 Resp: 1419
Ion Ratio Lower Upper
107 100
109 108.8 65.9 122.5
188 0.0 3.1 4.7

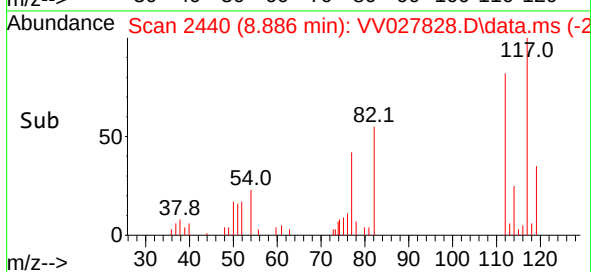
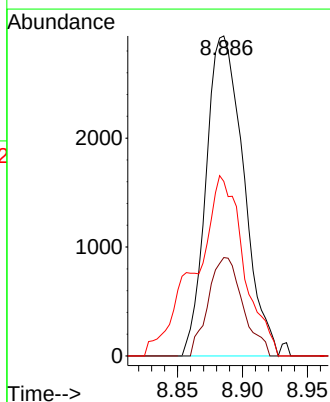
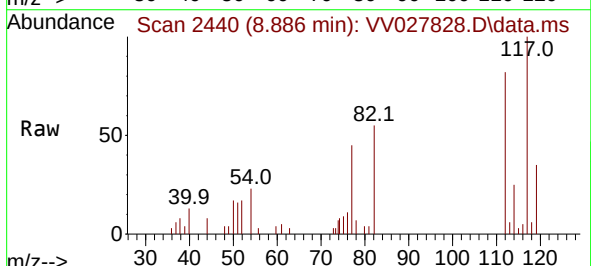
Manual Integrations
APPROVED

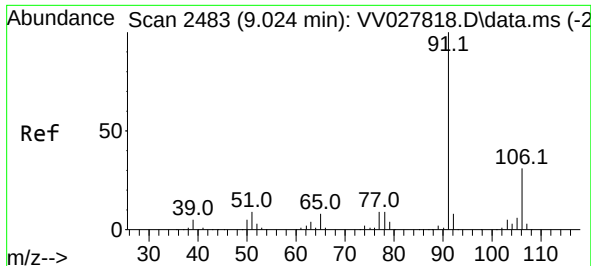
Reviewed By :Krupa Patel 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#51
Chlorobenzene
Concen: 0.245 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.010 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

Tgt Ion:112 Resp: 5890
Ion Ratio Lower Upper
112 100
114 30.7 21.7 40.3
77 54.6 45.3 67.9





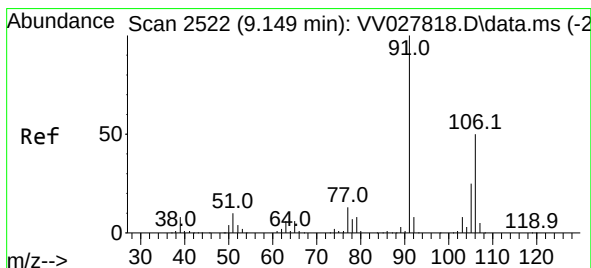
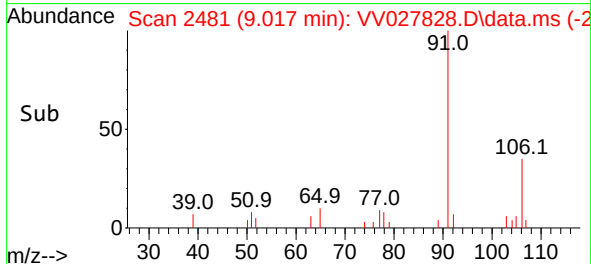
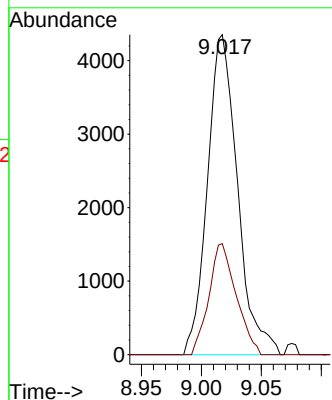
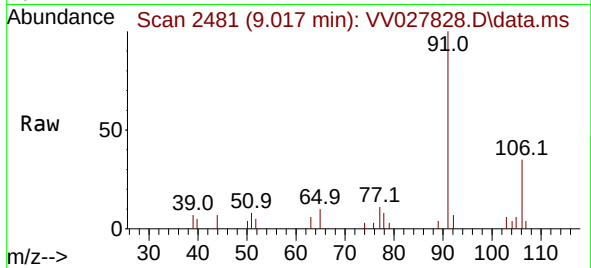
#52
Ethylbenzene
Concen: 0.197 ug/L
RT: 9.017 min Scan# 2483
Delta R.T. 0.009 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-07

Tgt Ion: 91 Resp: 7584
Ion Ratio Lower Upper
91 100
106 34.7 22.0 40.8

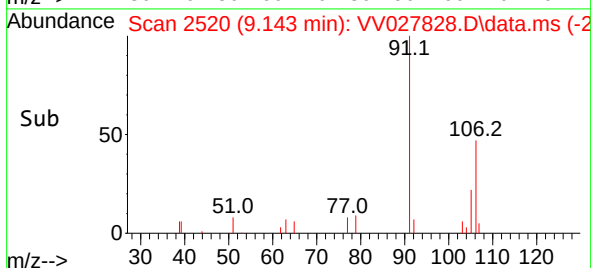
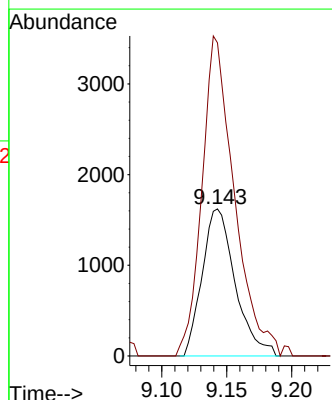
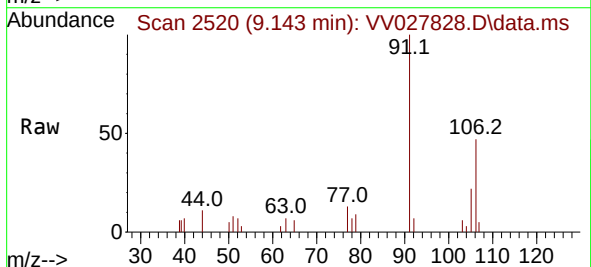
Manual Integrations
APPROVED

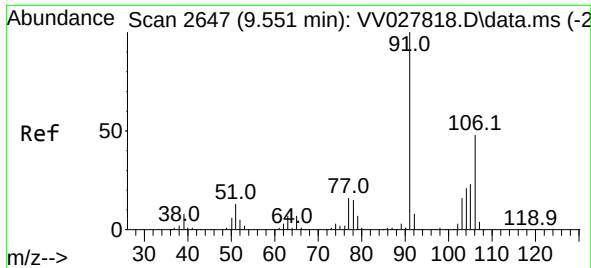
Reviewed By :Krupa Patel 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#53
m,p-Xylene
Concen: 0.189 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.010 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

Tgt Ion:106 Resp: 2868
Ion Ratio Lower Upper
106 100
91 213.0 142.4 264.4





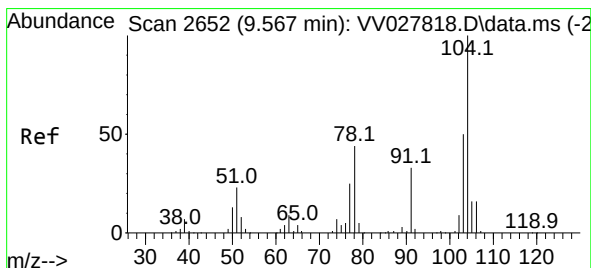
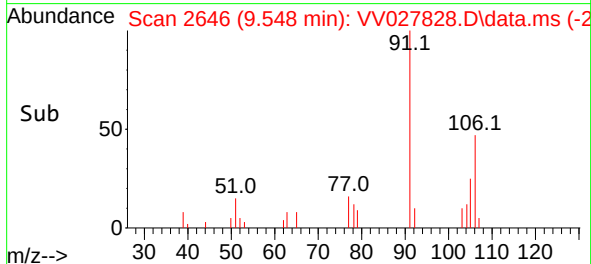
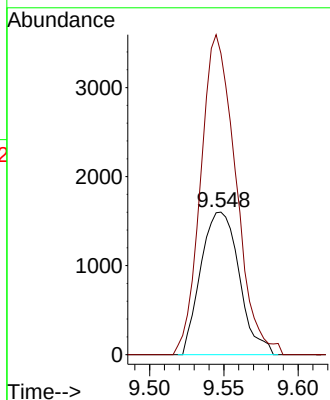
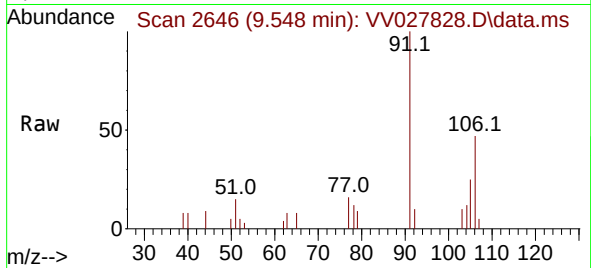
#54
o-Xylene
Concen: 0.200 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.006 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-07

Tgt Ion:106 Resp: 288
Ion Ratio Lower Upper
106 100
91 211.4 147.5 273.9

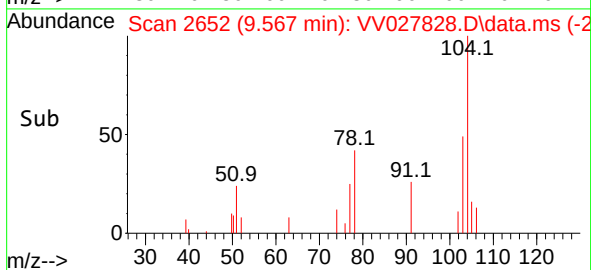
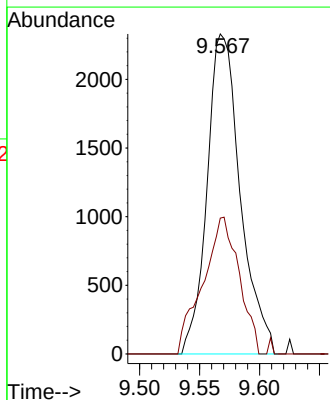
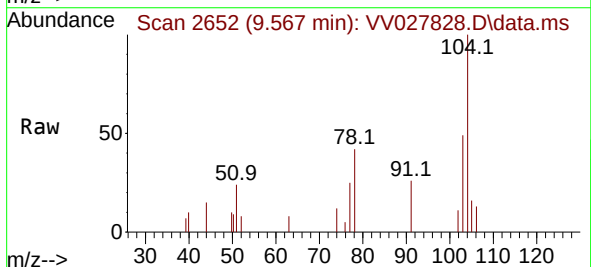
Manual Integrations
APPROVED

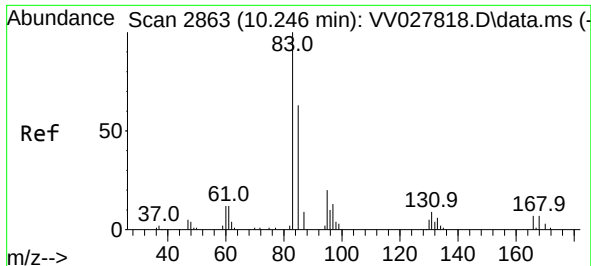
Reviewed By :Krupa Patel 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#55
Styrene
Concen: 0.180 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.009 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

Tgt Ion:104 Resp: 4492
Ion Ratio Lower Upper
104 100
78 42.5 31.7 58.9





#57

1,1,2,2-Tetrachloroethane

Concen: 0.267 ug/L

RT: 10.246 min Scan# 2863

Delta R.T. 0.006 min

Lab File: VV027828.D

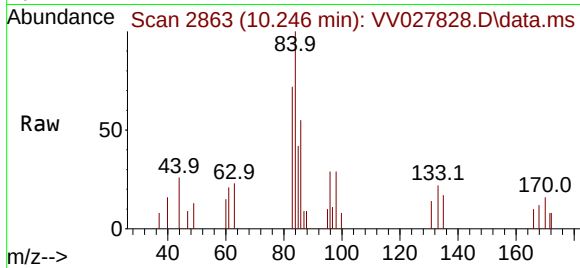
Acq: 14 Sep 2022 15:09

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2022-07



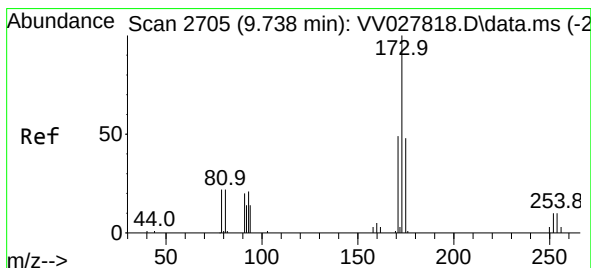
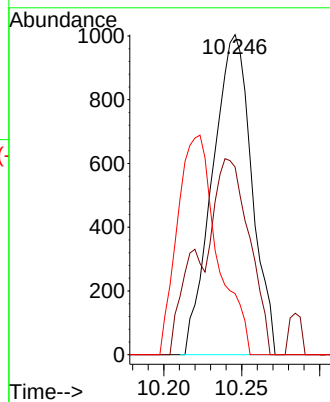
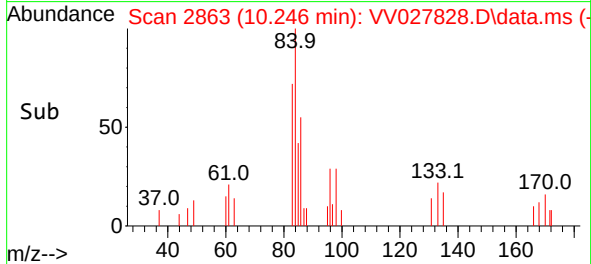
Tgt Ion:	83	Resp:	1760
Ion Ratio	100	Lower	Upper
83	100		
85	58.7	44.7	83.1
131	19.1	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#59

Bromoform

Concen: 0.228 ug/L

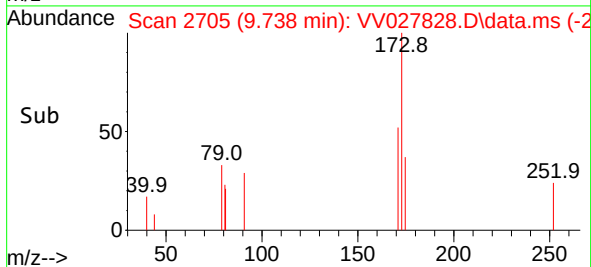
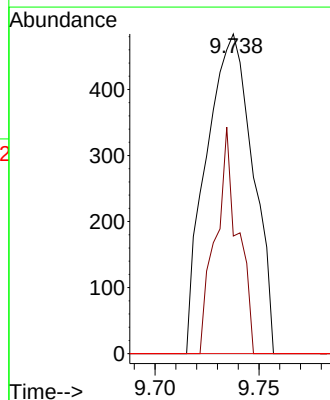
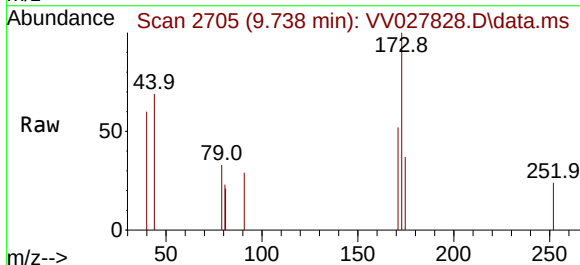
RT: 9.738 min Scan# 2705

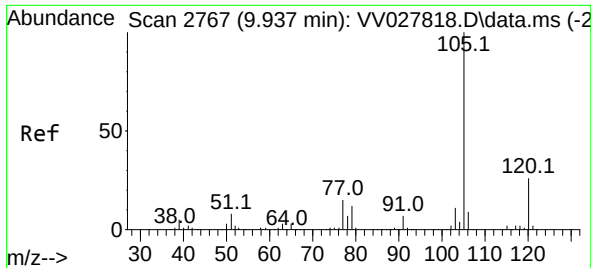
Delta R.T. 0.009 min

Lab File: VV027828.D

Acq: 14 Sep 2022 15:09

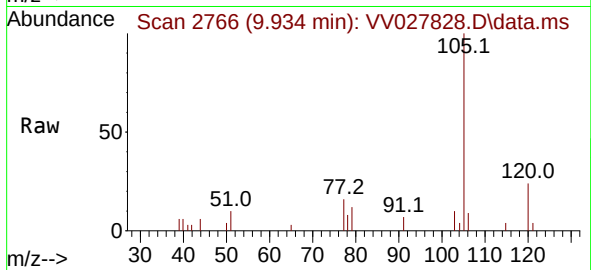
Tgt Ion:	173	Resp:	754
Ion Ratio	100	Lower	Upper
173	100		
175	33.8	38.4	57.6#
254	0.0	6.8	10.2#





#60
Isopropylbenzene
Concen: 0.219 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.006 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

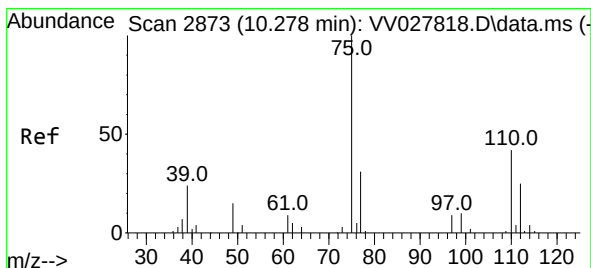
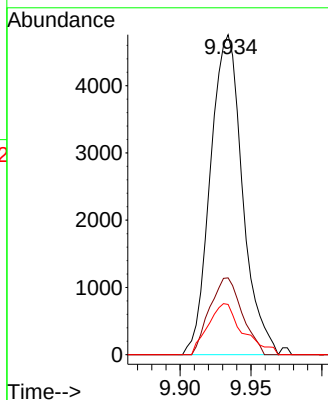
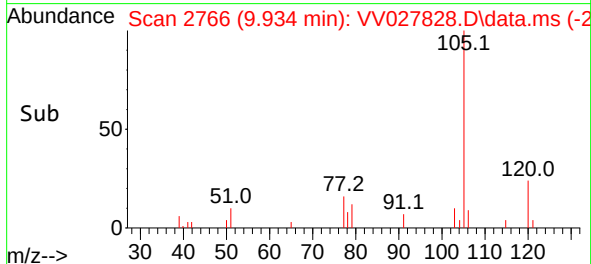
Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-07



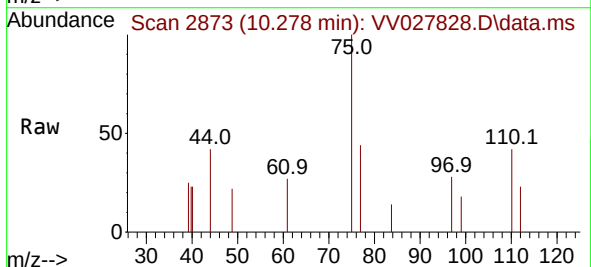
Tgt Ion: 105 Resp: 750
Ion Ratio Lower Upper
105 100
120 24.2 21.3 31.9
77 17.2 12.6 18.8

Manual Integrations
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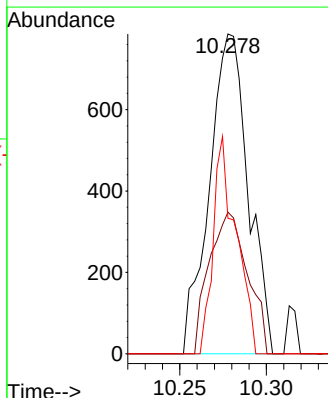
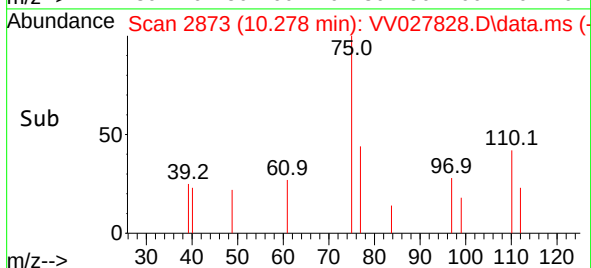
Reviewed By :Krupa Patel 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022

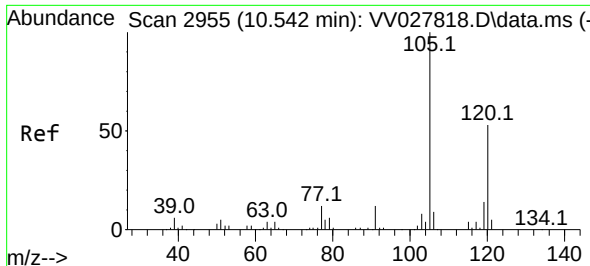


#61
1,2,3-Trichloropropane
Concen: 0.285 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.009 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09



Tgt Ion: 75 Resp: 1233
Ion Ratio Lower Upper
75 100
77 43.6 27.6 41.4#
110 39.6 35.6 53.4





#62

1,3,5-Trimethylbenzene

Concen: 0.235 ug/L

RT: 10.545 min Scan# 2955

Delta R.T. 0.009 min

Lab File: VV027828.D

Acq: 14 Sep 2022 15:09

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2022-07

Tgt Ion:105 Resp: 226

Ion Ratio Lower Upper

105 100

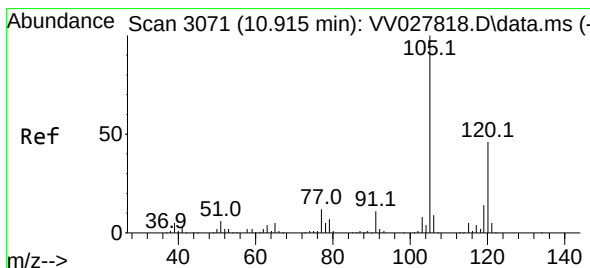
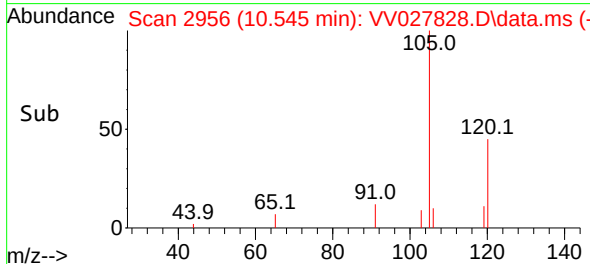
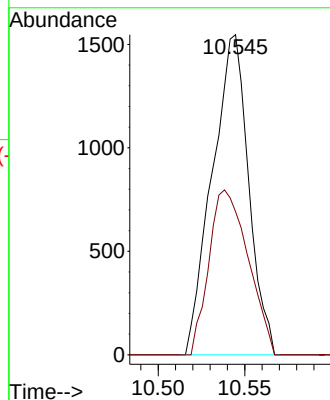
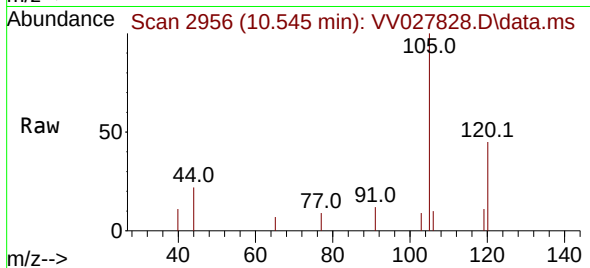
120 55.5 39.6 59.4

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Reviewed By :Krupa Patel 09/15/2022

Supervised By :Mahesh Dadoda 09/15/2022



#63

1,2,4-Trimethylbenzene

Concen: 0.212 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.006 min

Lab File: VV027828.D

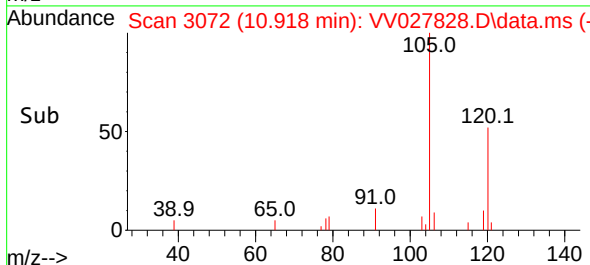
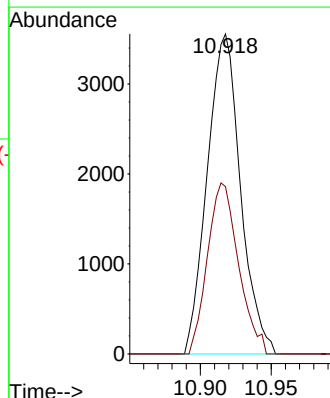
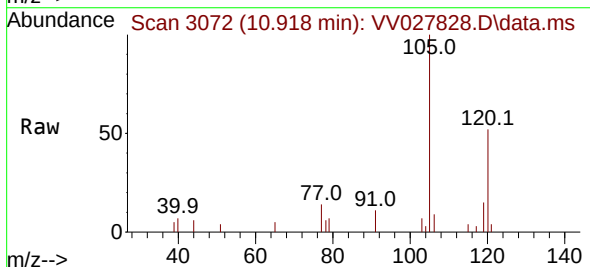
Acq: 14 Sep 2022 15:09

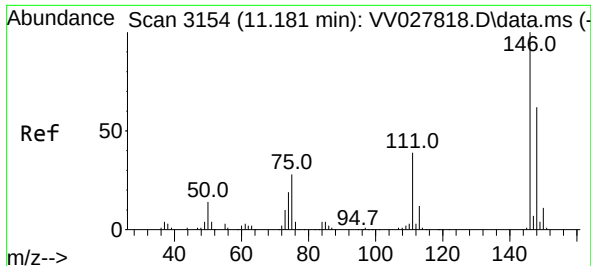
Tgt Ion:105 Resp: 5803

Ion Ratio Lower Upper

105 100

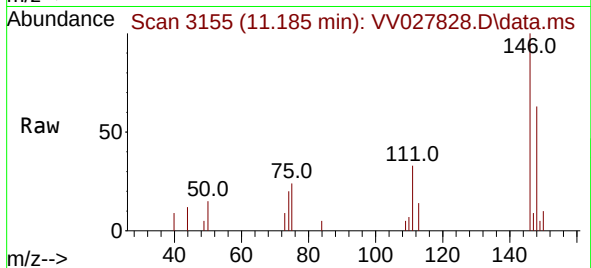
120 49.8 37.4 56.0





#64
1,3-Dichlorobenzene
Concen: 0.231 ug/L
RT: 11.185 min Scan# 3154
Delta R.T. 0.006 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

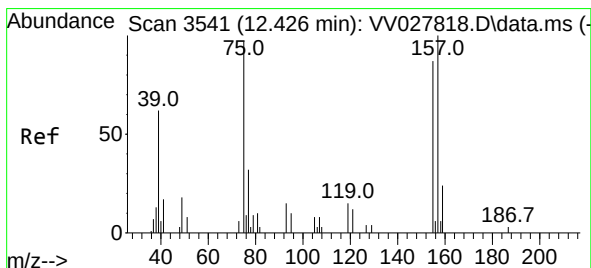
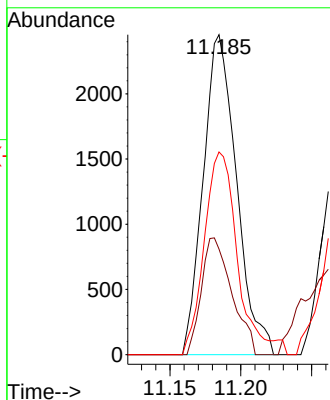
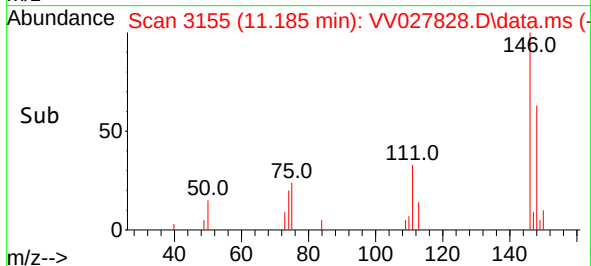
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-07



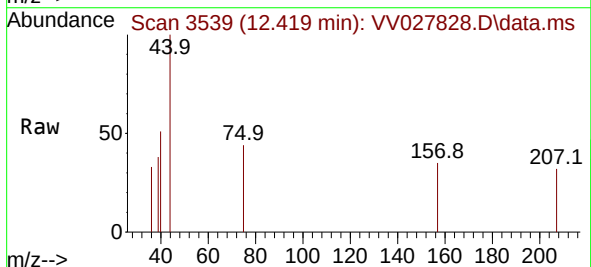
Tgt Ion:146 Resp: 400
Ion Ratio Lower Upper
146 100
111 33.0 27.9 51.9
148 63.4 46.0 85.4

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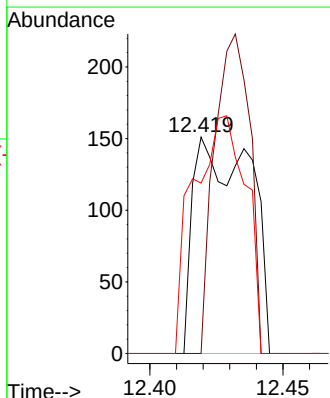
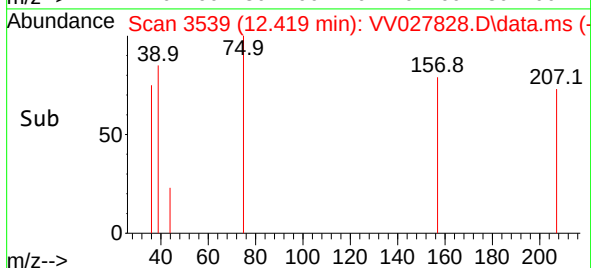
Reviewed By :Krupa Patel 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022

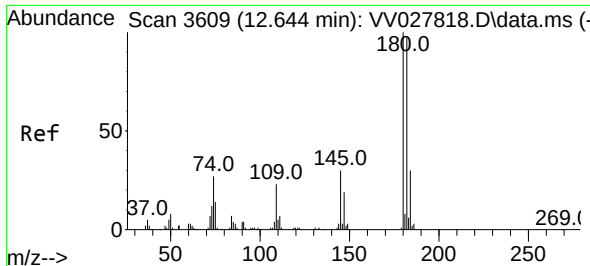


#68
1,2-Dibromo-3-chloropropane
Concen: 0.241 ug/L m
RT: 12.419 min Scan# 3539
Delta R.T. -0.007 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09



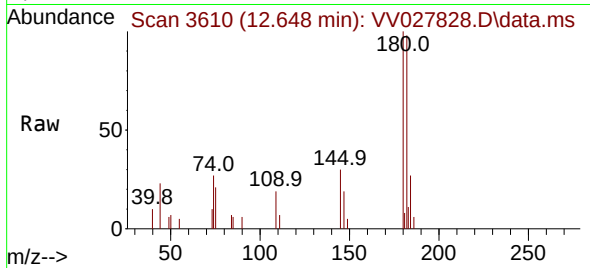
Tgt Ion: 75 Resp: 224
Ion Ratio Lower Upper
75 100
155 0.0 71.9 107.9#
157 78.8 95.1 142.7#





#69
 1,3,5-Trichlorobenzene
 Concen: 0.224 ug/L
 RT: 12.648 min Scan# 3609
 Delta R.T. 0.006 min
 Lab File: VV027828.D
 Acq: 14 Sep 2022 15:09

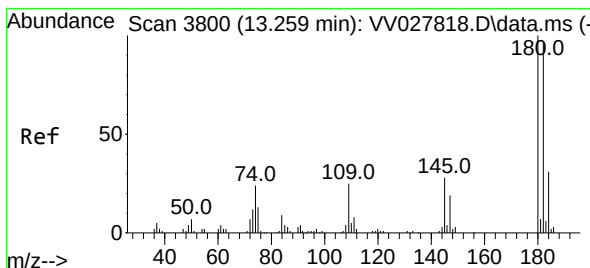
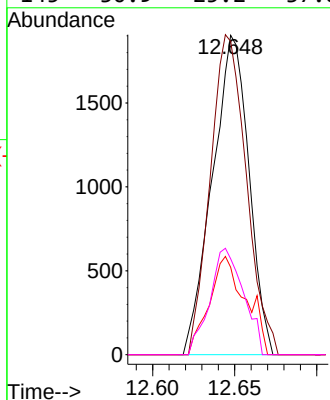
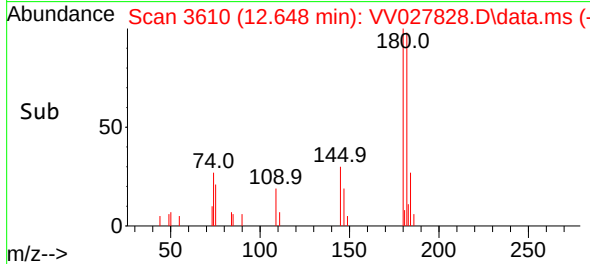
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT4-2022-07



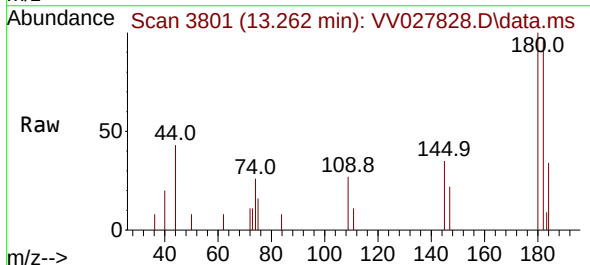
Tgt Ion:180 Resp: 2930
 Ion Ratio Lower Upper
 180 100
 182 98.9 75.8 113.8
 184 30.9 23.8 35.6
 145 30.9 25.2 37.8

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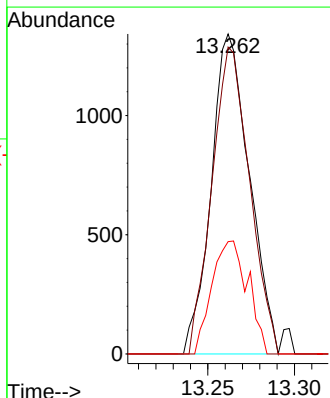
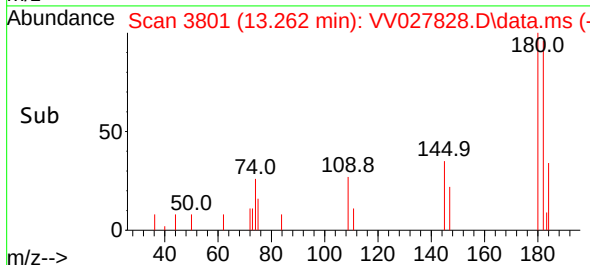
Reviewed By :Krupa Patel 09/15/2022
 Supervised By :Mahesh Dadoda 09/15/2022

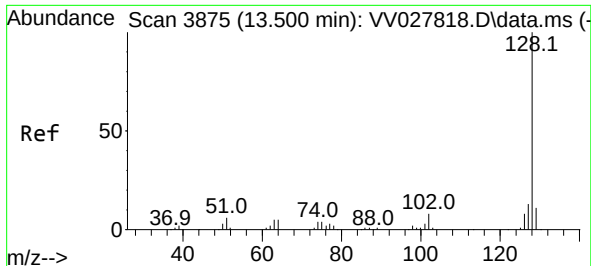


#70
 1,2,4-trichlorobenzene
 Concen: 0.198 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.003 min
 Lab File: VV027828.D
 Acq: 14 Sep 2022 15:09



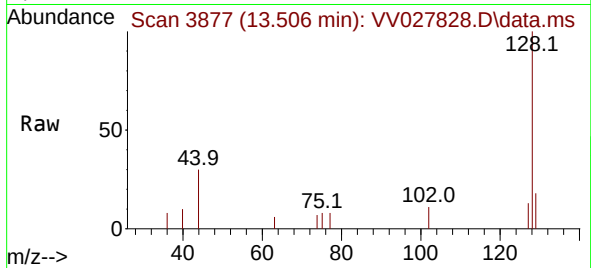
Tgt Ion:180 Resp: 2056
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.6 114.8
 145 33.3 24.6 37.0





#71
Naphthalene
Concen: 0.187 ug/L
RT: 13.506 min Scan# 3875
Delta R.T. 0.006 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

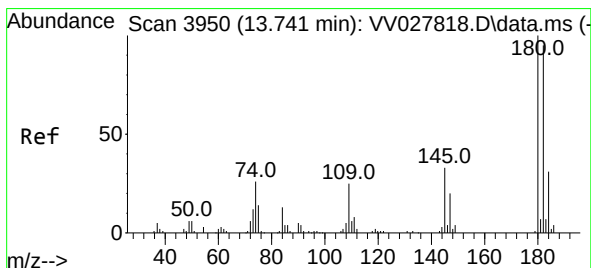
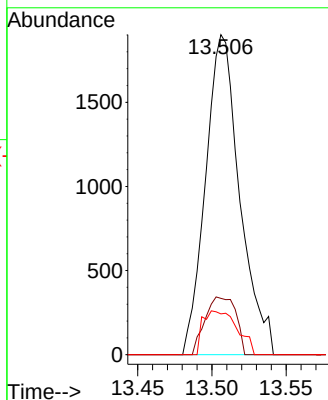
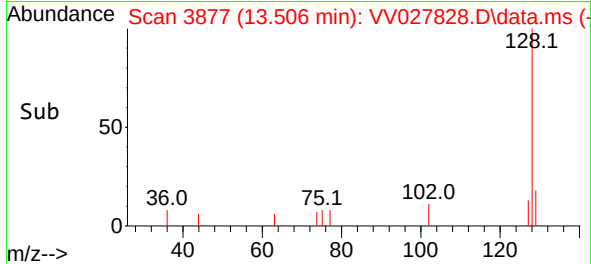
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-07



Tgt Ion:128 Resp: 3050
Ion Ratio Lower Upper
128 100
129 16.2 9.2 13.8
127 13.7 10.6 16.0

Manual Integrations
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Reviewed By :Krupa Patel 09/15/2022
Supervised By :Mahesh Dadoda 09/15/2022



#72
1,2,3-Trichlorobenzene
Concen: 0.196 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV027828.D
Acq: 14 Sep 2022 15:09

Tgt Ion:180 Resp: 1814
Ion Ratio Lower Upper
180 100
182 101.4 76.5 114.7
145 30.4 26.5 39.7

