

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021822\
 Data File : VU047207.D
 Acq On : 17 Feb 2022 16:20
 Operator : SY/MD
 Sample : N1331-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT1-2022-01

Quant Time: Feb 18 03:44:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 18 03:32:37 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/22/2022
 Supervised By : Mahesh Dadoda 02/22/2022

02/22/2022
 Supervised By : Mahesh
 Dadoda

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	162330	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	167033	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	96058	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.601	65	61667	4.498	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.000%
7) Chloroethane-d5	1.919	69	52518	4.834	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.572	65	24830	4.379	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	4.649	46	174236	53.171	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.340%
24) Chloroform-d	5.070	84	111767	4.908	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.706	65	59911	4.731	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.732	84	229874	4.926	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.694	67	74581	5.022	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.903	98	220329	4.826	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	8.182	79	29401	4.367	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.636	63	150194	42.373	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.740%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	58654	4.345	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	85545	4.963	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.388	85	2589	0.189	ug/L	94
3) Chloromethane	1.523	50	3288	0.221	ug/L	93
5) Vinyl chloride	1.607	62	3147	0.209	ug/L #	71
6) Bromomethane	1.864	94	1906	0.216	ug/L	99
8) Chloroethane	1.938	64	1740	0.201	ug/L	100
9) Trichlorofluoromethane	2.144	101	3622	0.198	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	2896	0.262	ug/L #	82
12) 1,1-Dichloroethene	2.581	96	2827	0.265	ug/L #	1
13) Acetone	2.671	43	4335m	2.642	ug/L	
14) Carbon disulfide	2.797	76	7156	0.201	ug/L	99
15) Methyl Acetate	2.967	43	878	0.173	ug/L #	56
16) Methylene chloride	3.051	84	4284	0.360	ug/L	98
17) Methyl tert-butyl Ether	3.372	73	5095	0.175	ug/L #	94
18) trans-1,2-Dichloroethene	3.359	96	2136	0.185	ug/L	99
19) 1,1-Dichloroethane	3.877	63	3915	0.194	ug/L	95
21) 2-Butanone	4.739	43	4413	1.432	ug/L	89
22) cis-1,2-Dichloroethene	4.674	96	2500	0.199	ug/L	93
23) Bromochloromethane	4.986	128	1172	0.199	ug/L	78
25) Chloroform	5.092	83	5602	0.265	ug/L	99

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

27) 1,2-Dichloroethane	5.803	62	2528	0.179	ug/L	98
29) 1,1,1-Trichloroethane	5.327	97	3453	0.191	ug/L	96
30) Cyclohexane	5.391	56	3697	0.187	ug/L	94
31) Carbon tetrachloride	5.530	117	2871	0.182	ug/L	93
33) Benzene	5.780	78	9270	0.195	ug/L	100
34) Trichloroethene	6.542	95	2557	0.202	ug/L	92
35) Methylcyclohexane	6.764	83	4076	0.191	ug/L	93
37) 1,2-Dichloropropane	6.790	63	2340	0.191	ug/L #	88
38) Bromodichloromethane	7.112	83	2929	0.187	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	3307	0.173	ug/L	96
40) 4-Methyl-2-pentanone	7.796	43	13466	1.538	ug/L #	87
42) Toluene	7.973	91	13986	0.265	ug/L	95
44) trans-1,3-Dichloropropene	8.211	75	4242	0.247	ug/L	89
45) 1,1,2-Trichloroethane	8.401	97	1715	0.180	ug/L	92
47) Tetrachloroethene	8.555	164	2086	0.203	ug/L	88
48) 2-Hexanone	8.693	43	25542	3.924	ug/L	93
49) Dibromochloromethane	8.812	129	2134	0.186	ug/L	89
50) 1,2-Dibromoethane	8.925	107	1741	0.181	ug/L #	99
51) Chlorobenzene	9.449	112	6845	0.201	ug/L	99
52) Ethylbenzene	9.574	91	11302	0.195	ug/L	98
53) m,p-Xylene	9.697	106	4365	0.192	ug/L	96
54) o-Xylene	10.105	106	4050	0.183	ug/L	94
55) Styrene	10.118	104	6438	0.174	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.783	83	2220	0.176	ug/L #	95
59) Bromoform	10.291	173	1068	0.153	ug/L #	93
60) Isopropylbenzene	10.488	105	10716	0.190	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	1607	0.175	ug/L #	92
62) 1,3,5-Trimethylbenzene	11.089	105	7138	0.190	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	9138	0.189	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	5472	0.201	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	5888	0.214	ug/L	94
67) 1,2-Dichlorobenzene	12.214	146	5325	0.206	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.996	75	245	0.116	ug/L #	86
69) 1,3,5-Trichlorobenzene	13.224	180	4497m	0.200	ug/L	
70) 1,2,4-trichlorobenzene	13.841	180	4201	0.201	ug/L	95
71) Naphthalene	14.089	128	7893	0.183	ug/L #	95
72) 1,2,3-Trichlorobenzene	14.333	180	3954	0.201	ug/L	91

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

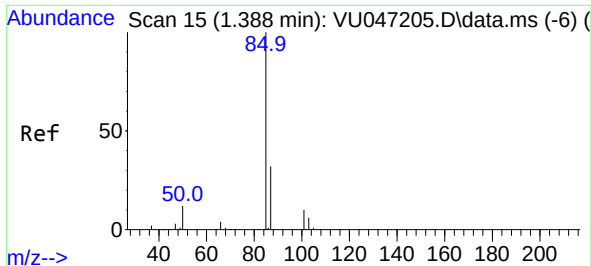
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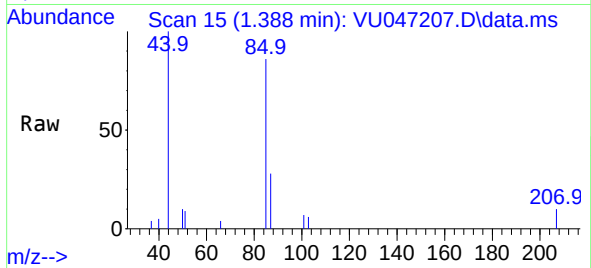
Abundance





#2
Dichlorodifluoromethane
Concen: 0.189 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

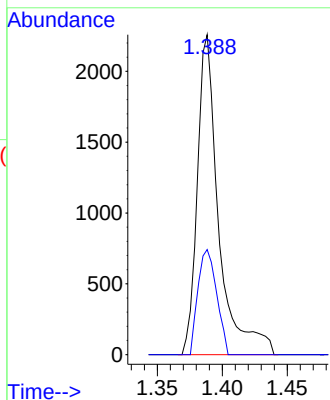
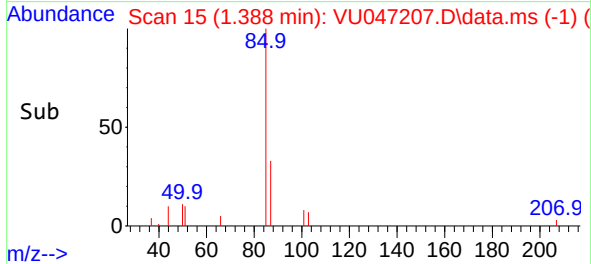
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2022-01



Tgt Ion: 85 Resp: 2589
Ion Ratio Lower Upper
85 100
87 28.7 25.8 38.6

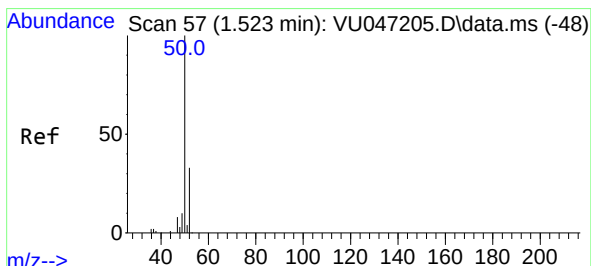
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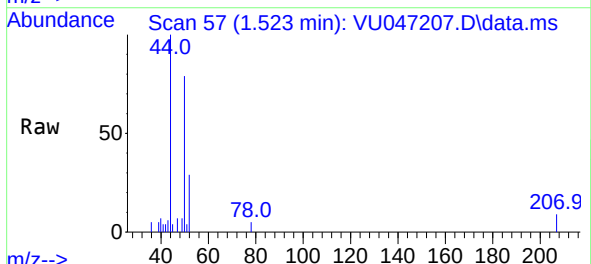


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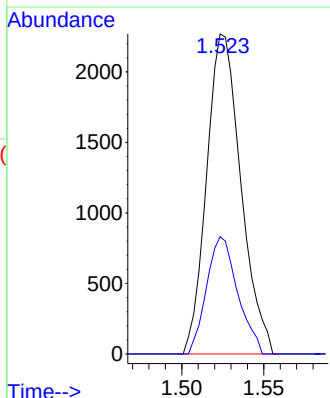
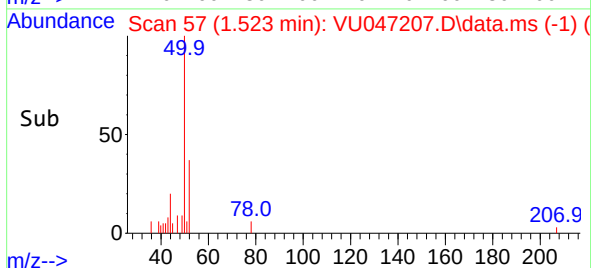
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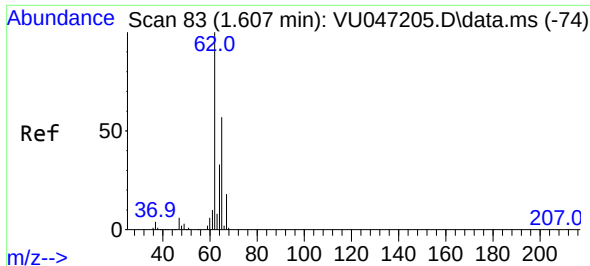


#3
Chloromethane
Concen: 0.221 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20



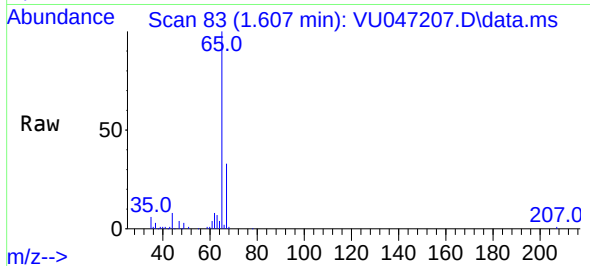
Tgt Ion: 50 Resp: 3288
Ion Ratio Lower Upper
50 100
52 36.7 23.0 42.8





#5
 Vinyl chloride
 Concen: 0.209 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047207.D
 Acq: 17 Feb 2022 16:20

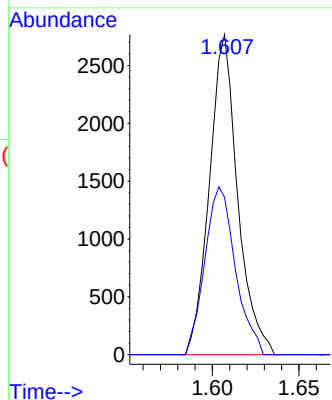
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT1-2022-01



Tgt Ion: 62 Resp: 314
 Ion Ratio Lower Upper
 62 100
 64 49.2 22.9 42.5

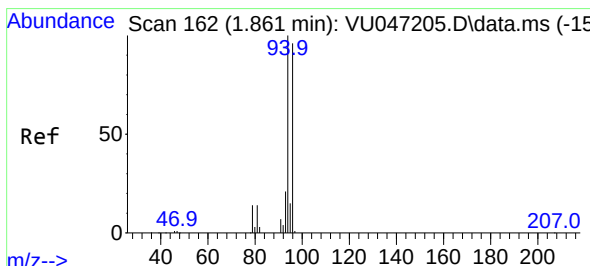
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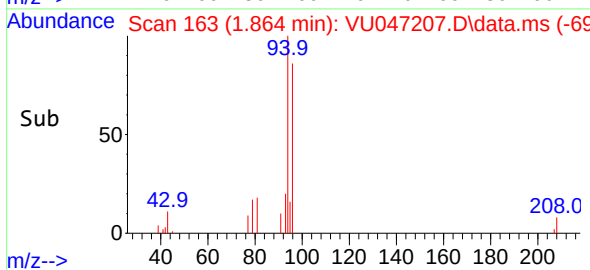
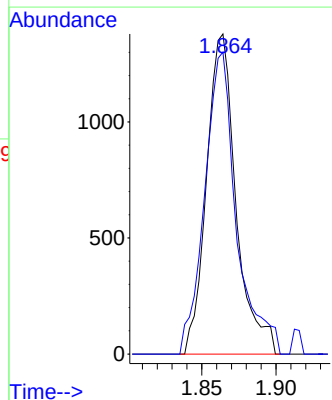
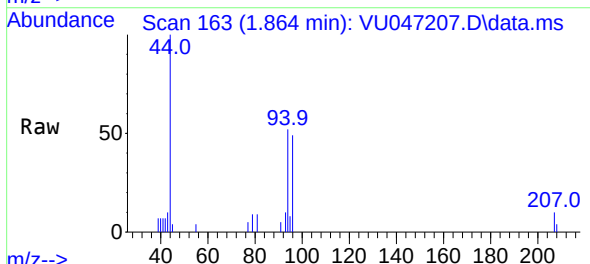
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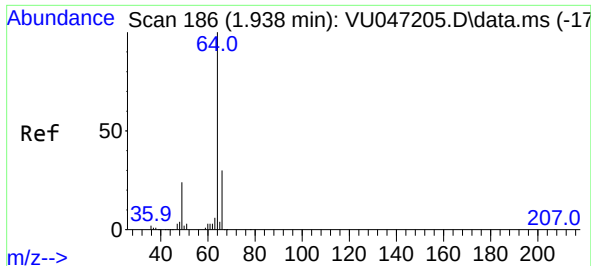
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#6
 Bromomethane
 Concen: 0.216 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.003 min
 Lab File: VU047207.D
 Acq: 17 Feb 2022 16:20

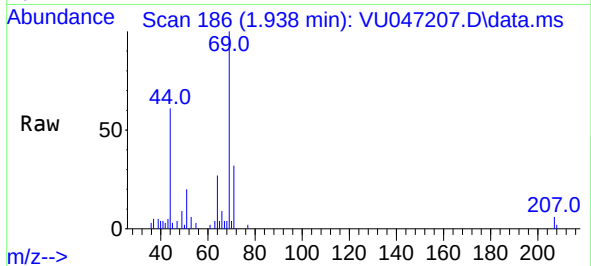
Tgt Ion: 94 Resp: 1906
 Ion Ratio Lower Upper
 94 100
 96 94.3 65.5 121.6





#8
Chloroethane
Concen: 0.201 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

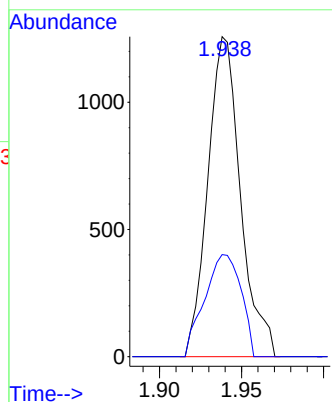
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2022-01



Tgt Ion: 64 Resp: 1740
Ion Ratio Lower Upper
64 100
66 31.9 22.1 41.1

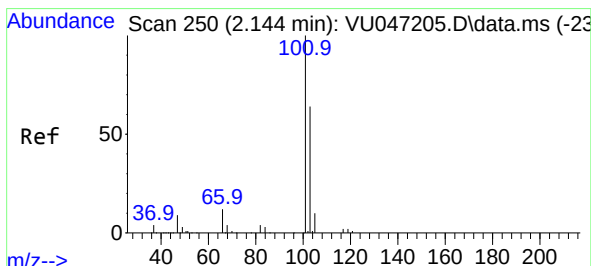
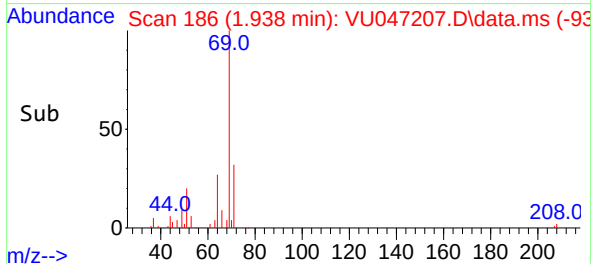
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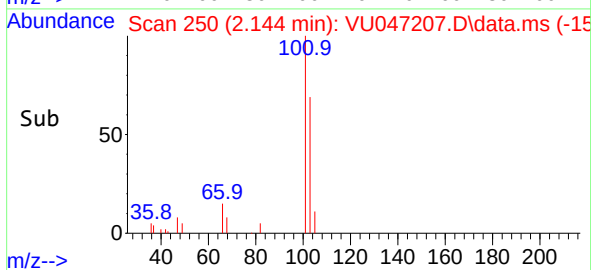
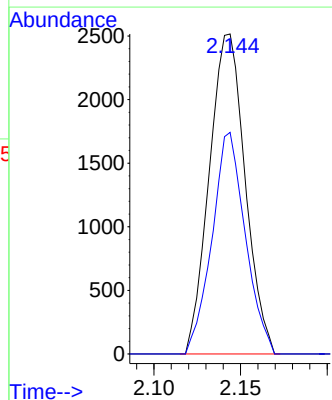
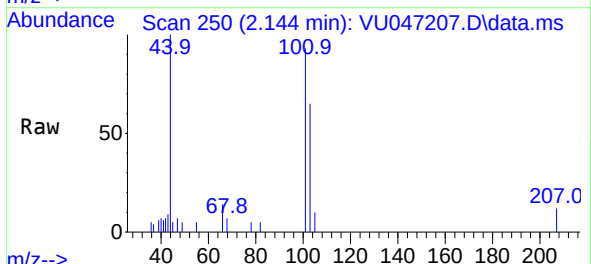
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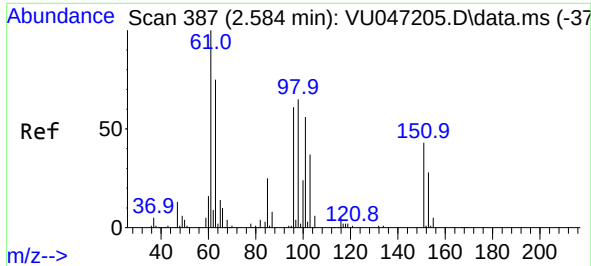
02/22/2022



#9
Trichlorofluoromethane
Concen: 0.198 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

Tgt Ion:101 Resp: 3622
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3





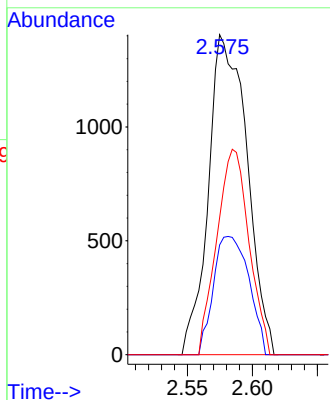
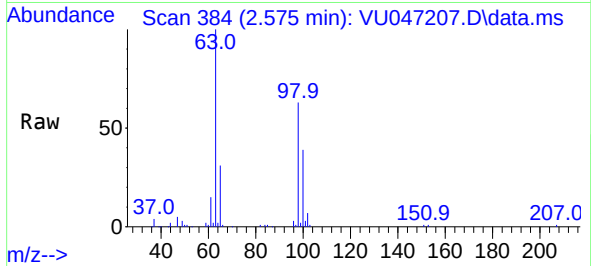
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.262 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.010 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2022-01

Tgt Ion:101 Resp: 2890
Ion Ratio Lower Upper
101 100
85 34.0 34.6 51.8
151 53.6 56.1 84.1

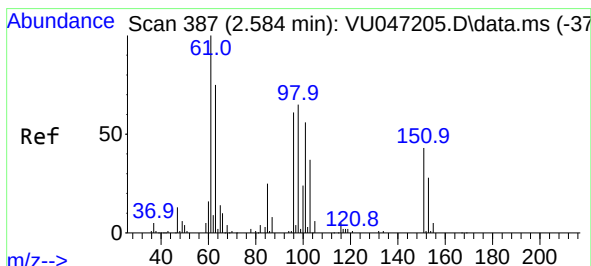
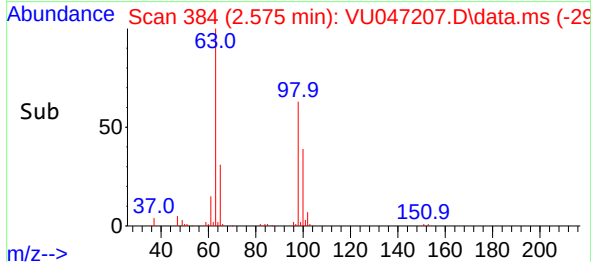
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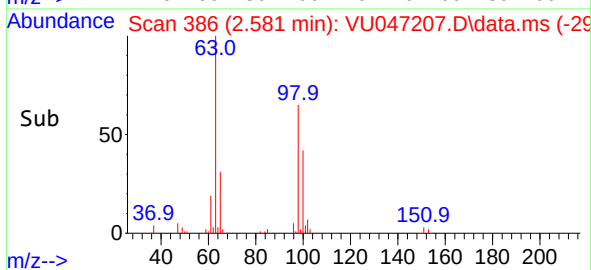
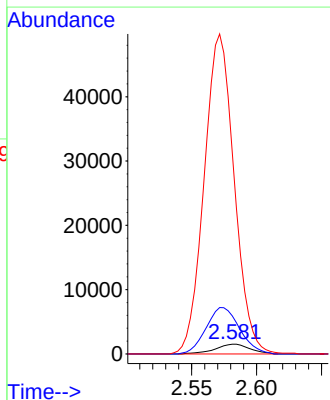
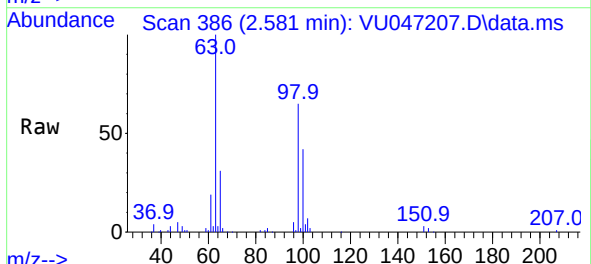
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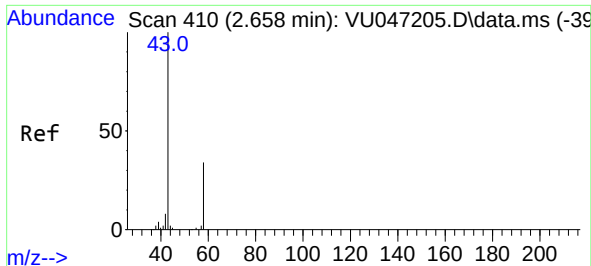
02/22/2022



#12
1,1-Dichloroethene
Concen: 0.265 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

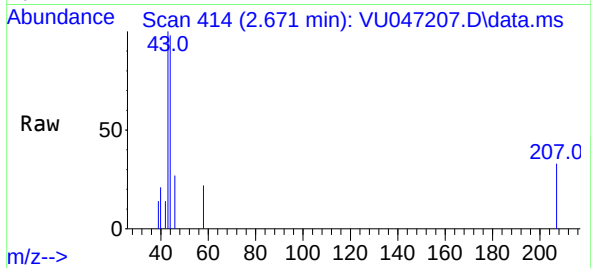
Tgt Ion: 96 Resp: 2827
Ion Ratio Lower Upper
96 100
61 389.3 124.7 231.5#
63 2055.6 105.2 195.4#





#13
Acetone
Concen: 2.642 ug/L m
RT: 2.671 min Scan# 410
Delta R.T. 0.013 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

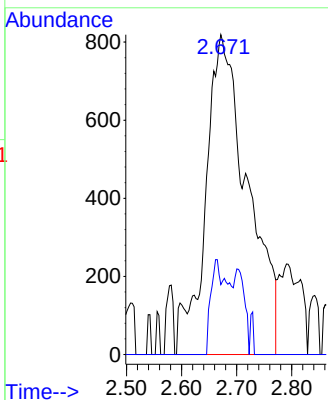
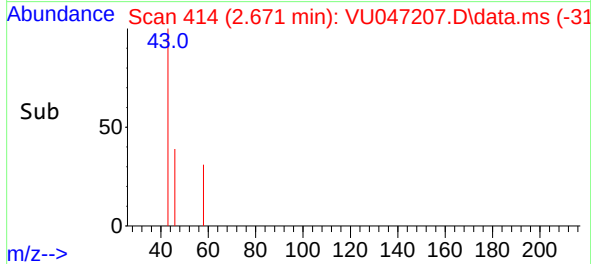
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2022-01



Tgt Ion: 43 Resp: 433
Ion Ratio Lower Upper
43 100
58 7.6 0.0 71.6

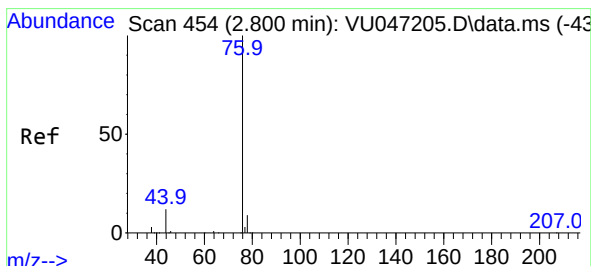
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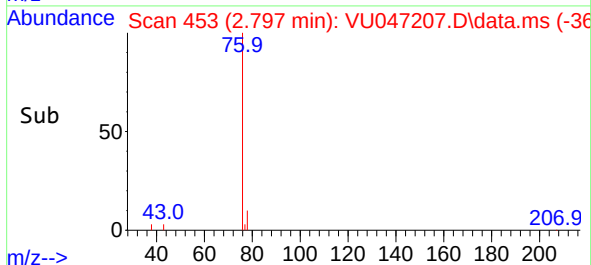
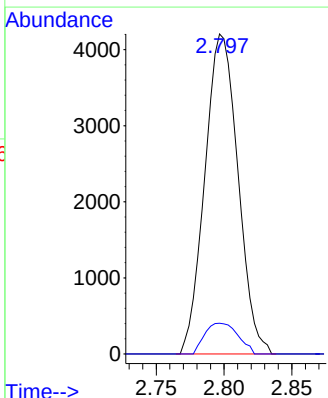
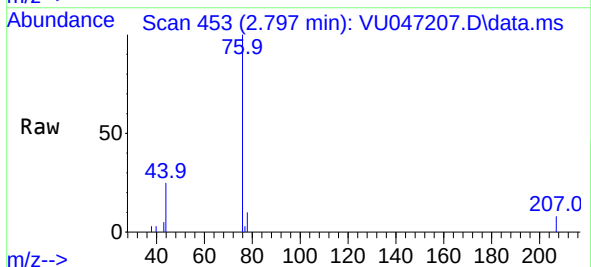
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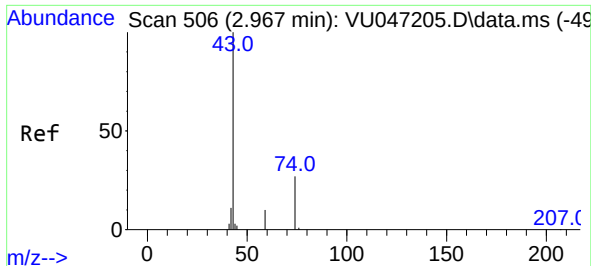
02/22/2022



#14
Carbon disulfide
Concen: 0.201 ug/L
RT: 2.797 min Scan# 453
Delta R.T. -0.003 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

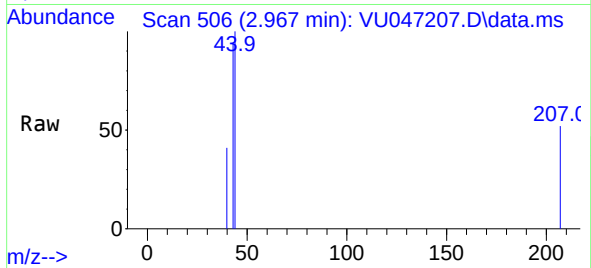
Tgt Ion: 76 Resp: 7156
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3





#15
Methyl Acetate
Concen: 0.173 ug/L
RT: 2.967 min Scan# 506
Delta R.T. 0.000 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

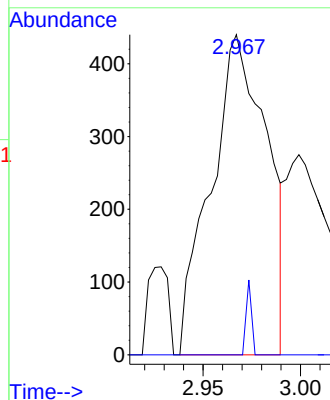
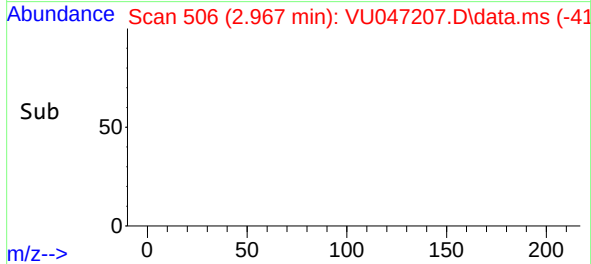
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2022-01



Tgt Ion: 43 Resp: 878
Ion Ratio Lower Upper
43 100
74 2.3 19.1 28.7

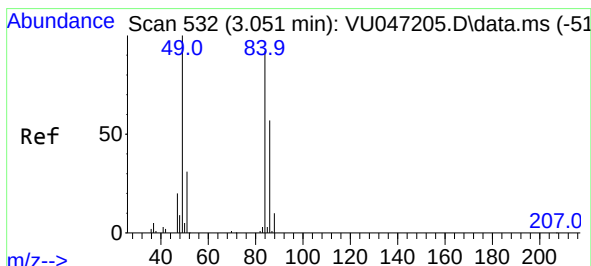
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Supervised By :Mahesh Dadoda 02/22/2022

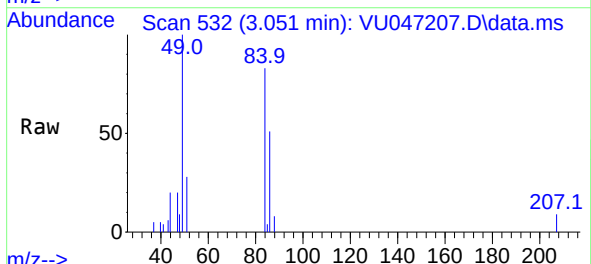


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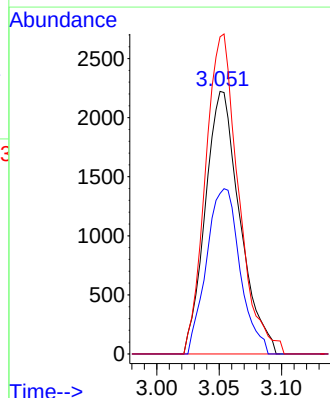
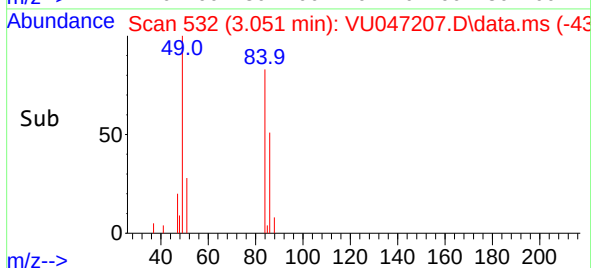
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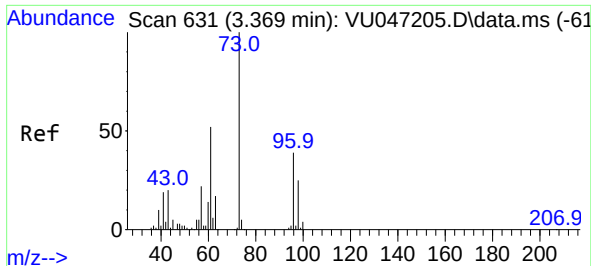


#16
Methylene chloride
Concen: 0.360 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20



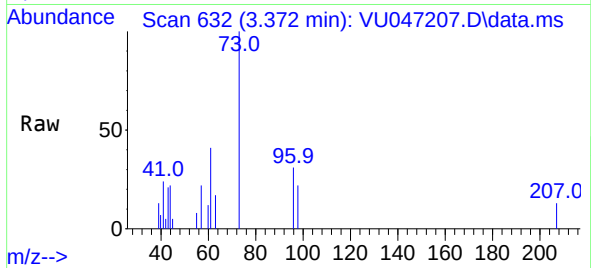
Tgt Ion: 84 Resp: 4284
Ion Ratio Lower Upper
84 100
86 61.1 45.8 85.0
49 120.7 84.5 156.9





#17
Methyl tert-butyl Ether
Concen: 0.175 ug/L
RT: 3.372 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2022-01



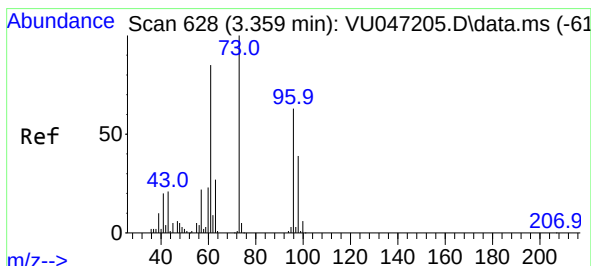
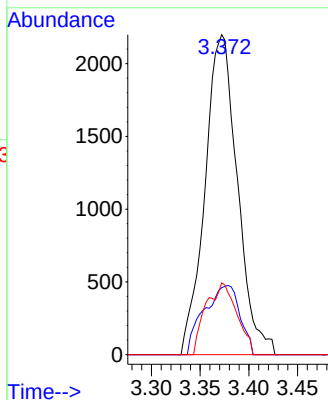
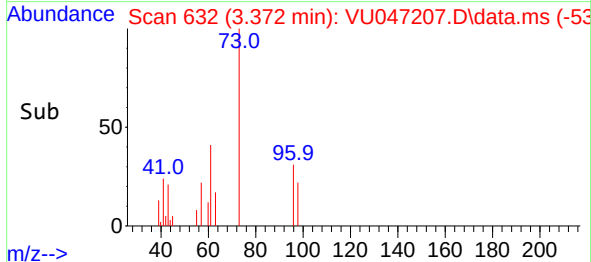
Tgt Ion: 73 Resp: 509
Ion Ratio Lower Upper
73 100
43 23.9 14.8 22.2
57 21.2 17.4 26.0

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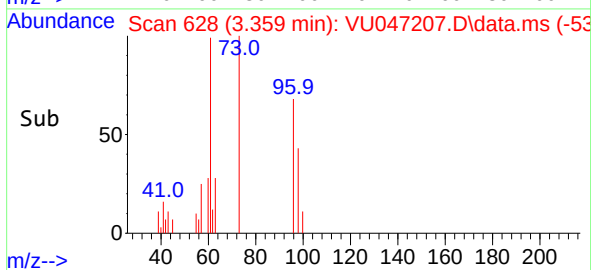
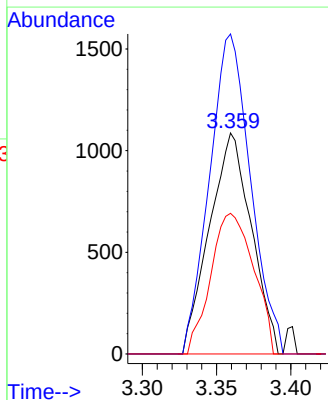
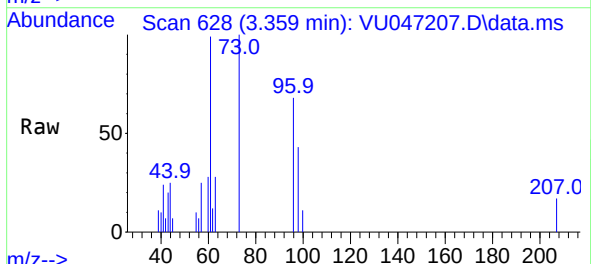
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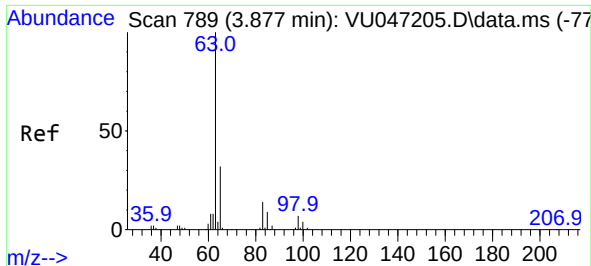
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#18
trans-1,2-Dichloroethene
Concen: 0.185 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

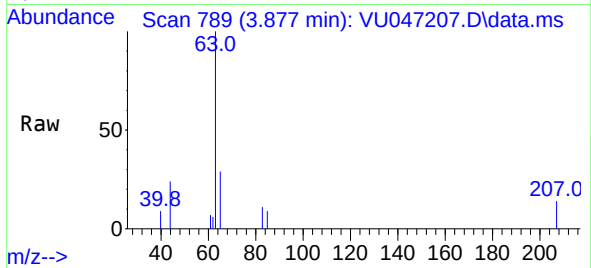
Tgt Ion: 96 Resp: 2136
Ion Ratio Lower Upper
96 100
61 144.8 100.8 187.2
98 63.7 45.1 83.7





#19
1,1-Dichloroethane
Concen: 0.194 ug/L
RT: 3.877 min Scan# 789
Delta R.T. 0.000 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2022-01



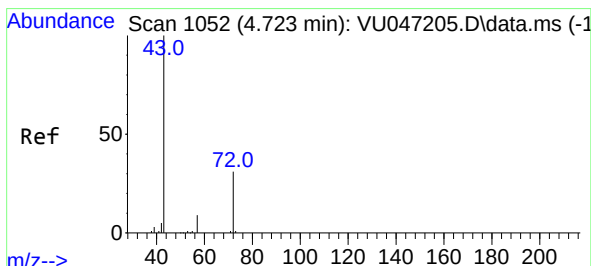
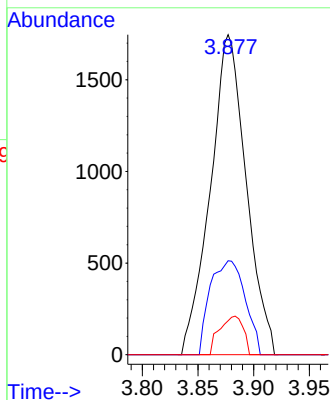
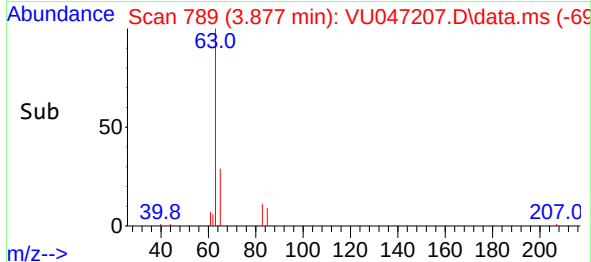
Tgt Ion: 63 Resp: 3915
Ion Ratio Lower Upper
63 100
65 29.4 22.3 41.5
83 10.6 9.6 17.8

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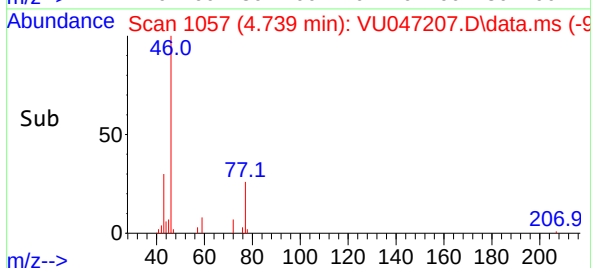
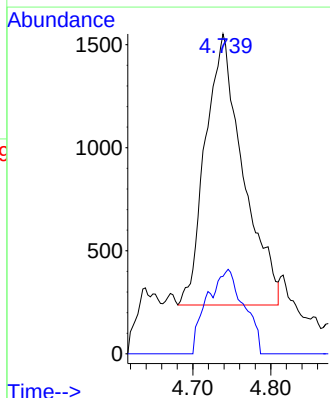
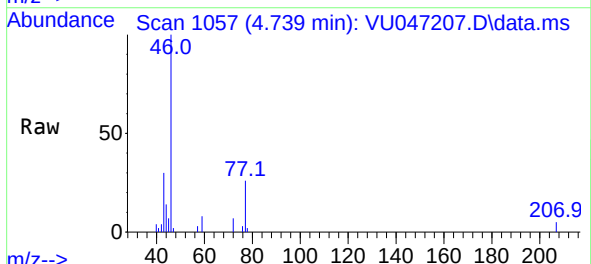
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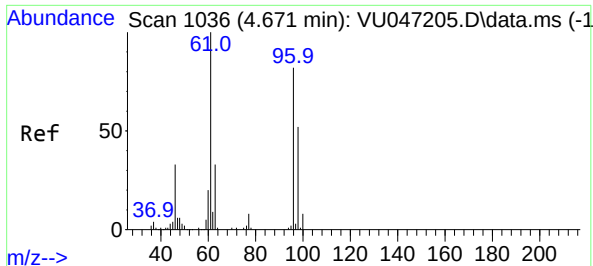
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#21
2-Butanone
Concen: 1.432 ug/L
RT: 4.739 min Scan# 1057
Delta R.T. 0.016 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

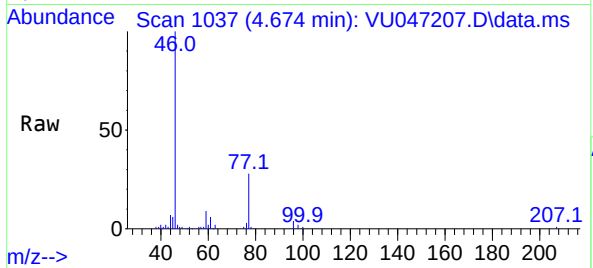
Tgt Ion: 43 Resp: 4413
Ion Ratio Lower Upper
43 100
72 22.3 14.1 42.3





#22
cis-1,2-Dichloroethene
Concen: 0.199 ug/L
RT: 4.674 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

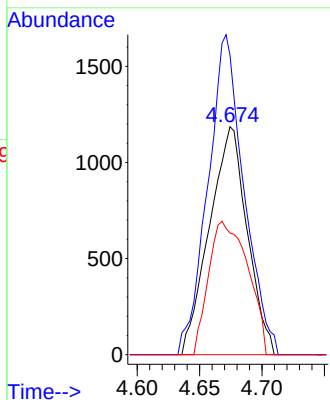
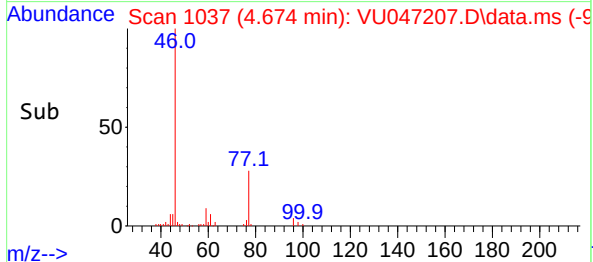
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT1-2022-01



Tgt Ion: 96 Resp: 2500
Ion Ratio Lower Upper
96 100
61 131.3 88.5 164.3
98 53.4 44.4 82.5

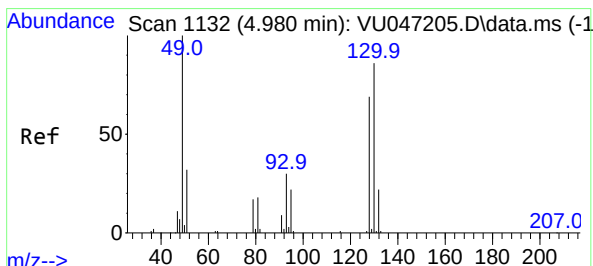
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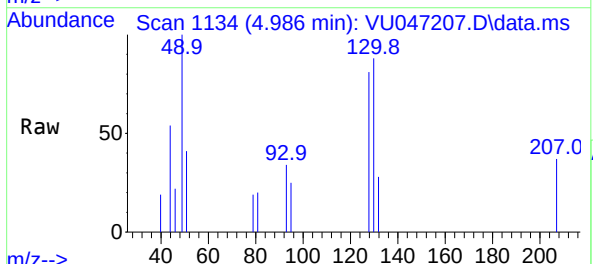


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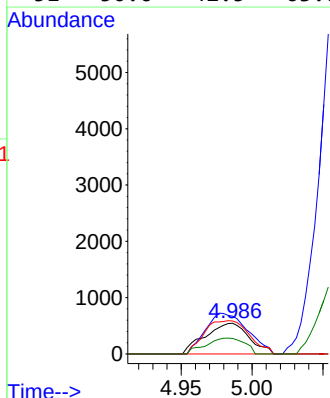
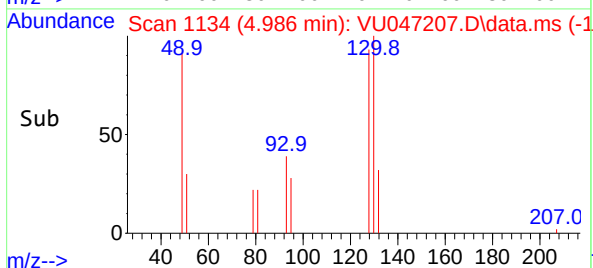
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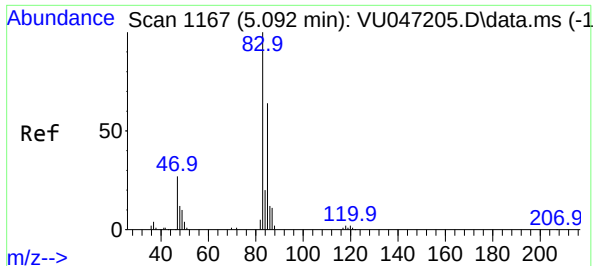


#23
Bromochloromethane
Concen: 0.199 ug/L
RT: 4.986 min Scan# 1134
Delta R.T. 0.007 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20



Tgt Ion:128 Resp: 1172
Ion Ratio Lower Upper
128 100
49 123.0 117.0 217.2
130 107.7 88.2 163.8
51 50.6 42.5 63.7





#25

Chloroform

Concen: 0.265 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047207.D

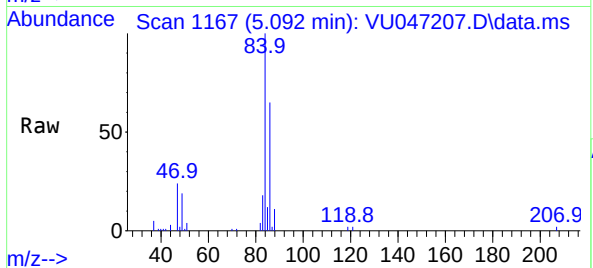
Acq: 17 Feb 2022 16:20

Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion: 83 Resp: 560

Ion Ratio Lower Upper

83 100

85 66.3 46.9 87.1

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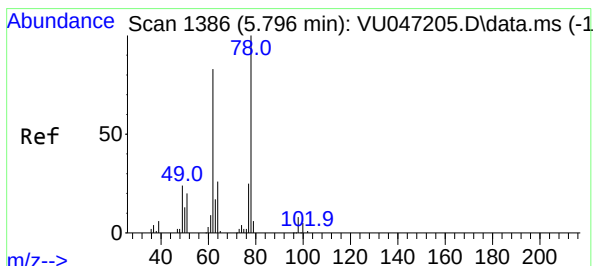
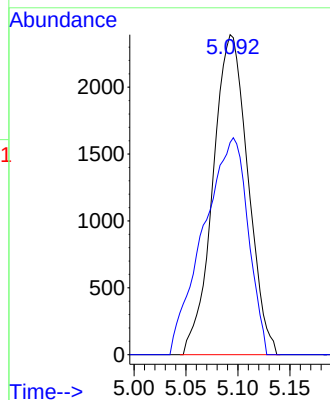
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Dadoda

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#27

1,2-Dichloroethane

Concen: 0.179 ug/L

RT: 5.803 min Scan# 1388

Delta R.T. 0.007 min

Lab File: VU047207.D

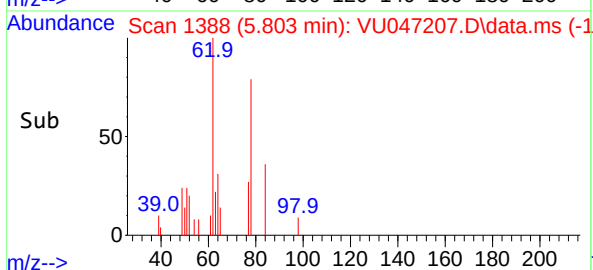
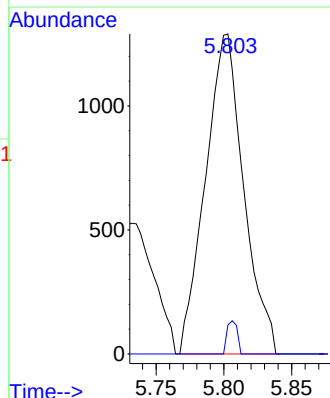
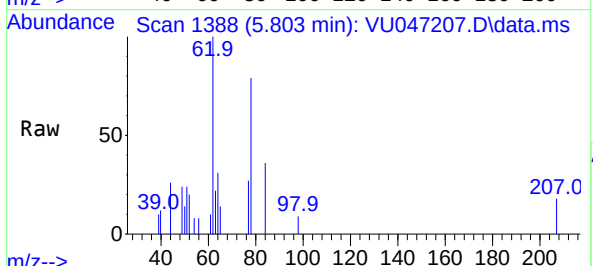
Acq: 17 Feb 2022 16:20

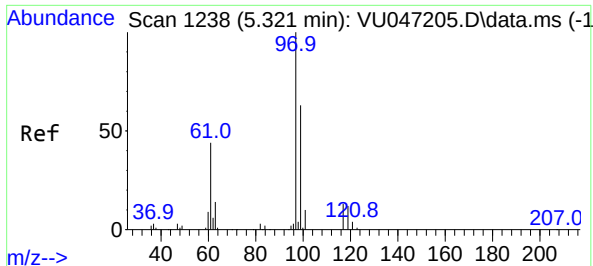
Tgt Ion: 62 Resp: 2528

Ion Ratio Lower Upper

62 100

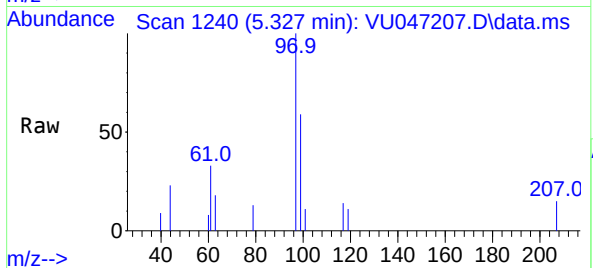
98 9.0 7.8 11.8





#29
1,1,1-Trichloroethane
Concen: 0.191 ug/L
RT: 5.327 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2022-01



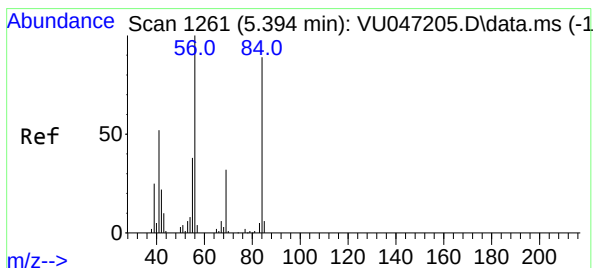
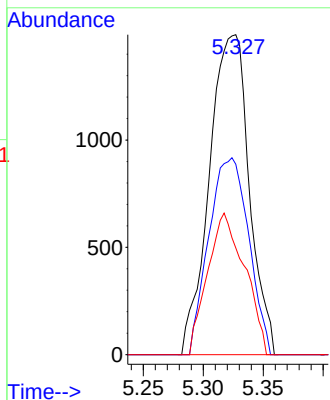
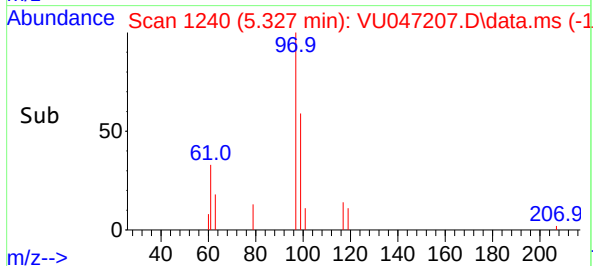
Tgt Ion: 97 Resp: 345
Ion Ratio Lower Upper
97 100
99 61.5 51.3 76.9
61 41.2 36.1 54.1

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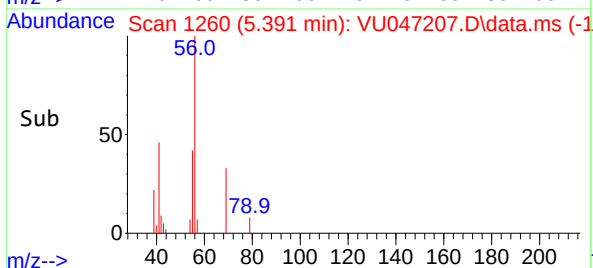
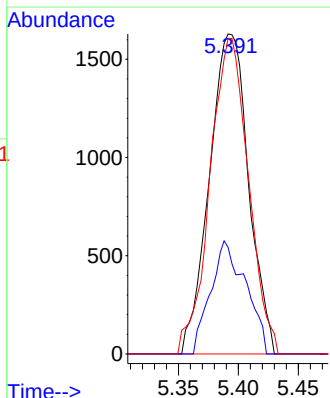
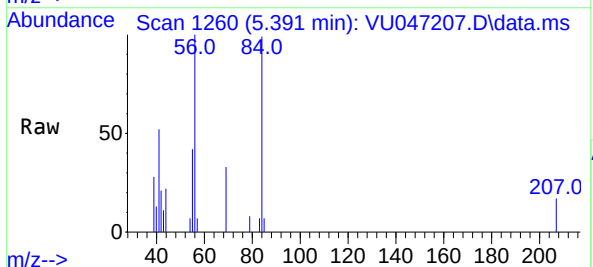
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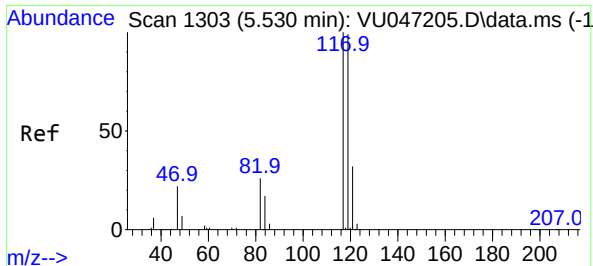
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#30
Cyclohexane
Concen: 0.187 ug/L
RT: 5.391 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

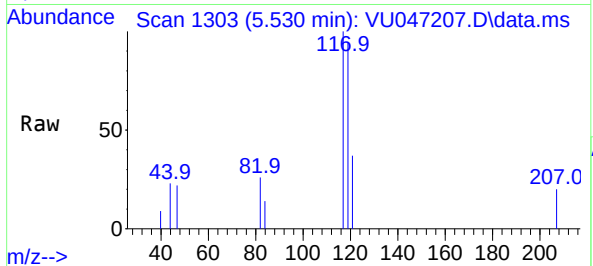
Tgt Ion: 56 Resp: 3697
Ion Ratio Lower Upper
56 100
69 31.7 24.7 37.1
84 96.9 71.8 107.6





#31
Carbon tetrachloride
Concen: 0.182 ug/L
RT: 5.530 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

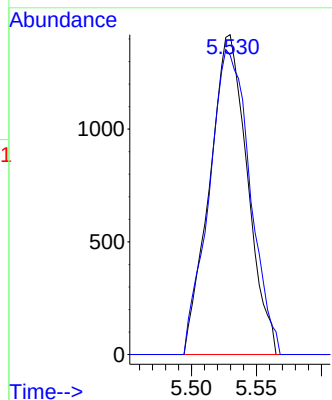
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT1-2022-01



Tgt Ion: 117 Resp: 287
Ion Ratio Lower Upper
117 100
119 103.3 77.5 116.3

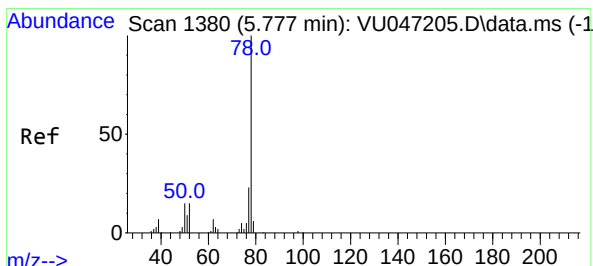
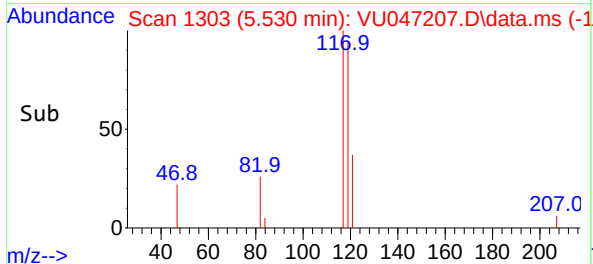
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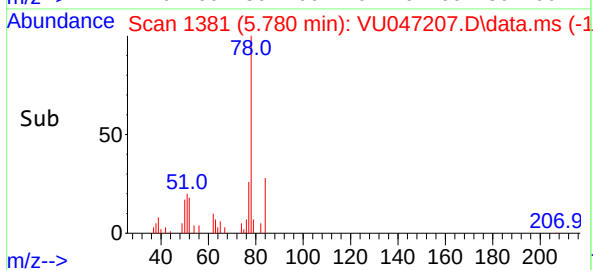
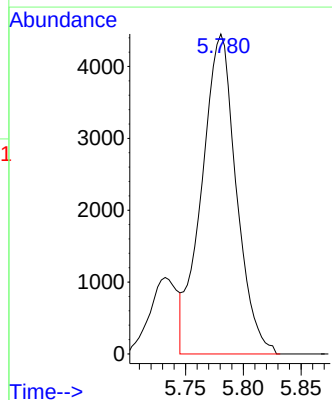
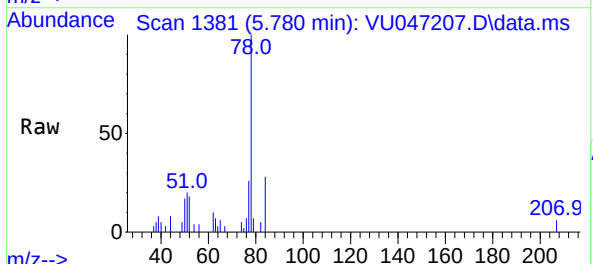
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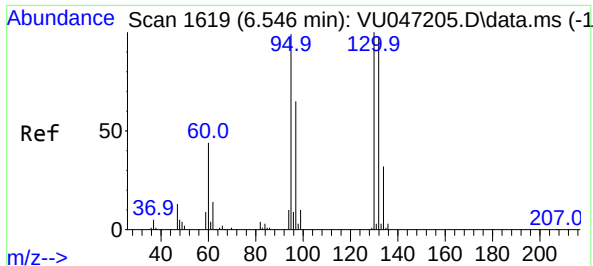
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#33
Benzene
Concen: 0.195 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.003 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

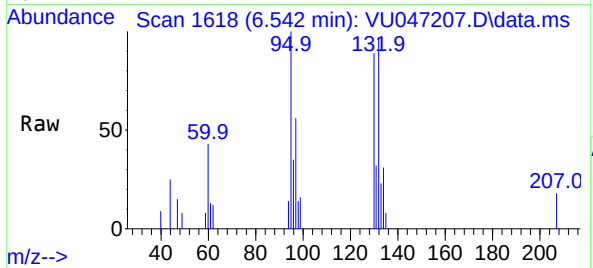
Tgt Ion: 78 Resp: 9270





#34
Trichloroethene
Concen: 0.202 ug/L
RT: 6.542 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2022-01



Tgt Ion: 95 Resp: 255

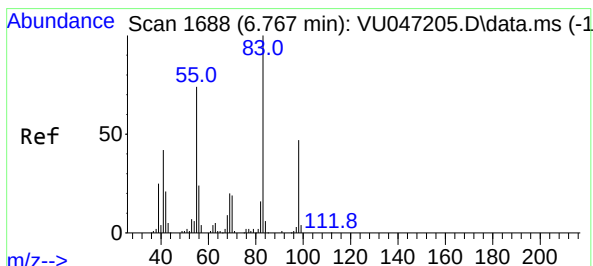
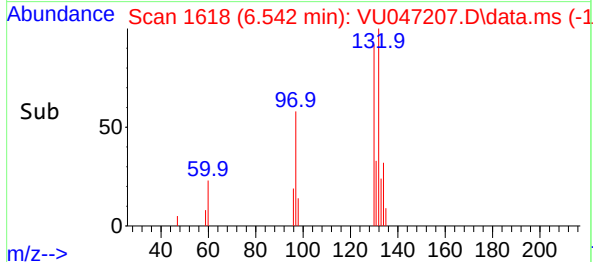
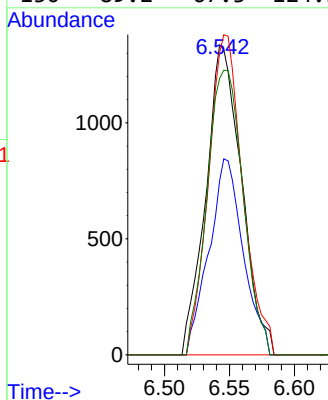
Ion	Ratio	Lower	Upper
95	100		
97	56.2	46.5	86.5
132	97.5	65.1	120.9
130	89.2	67.3	124.9

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Dadoda

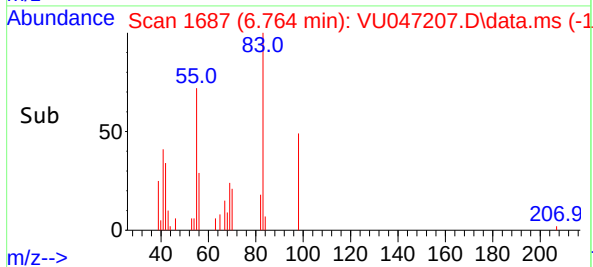
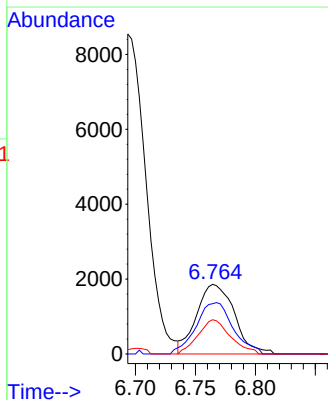
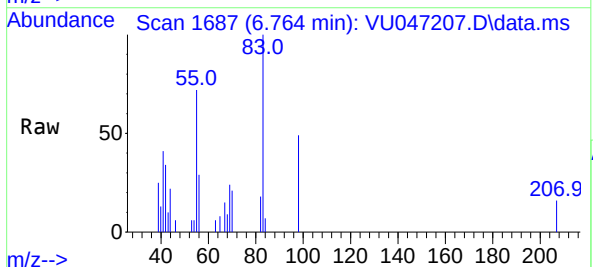
02/22/2022

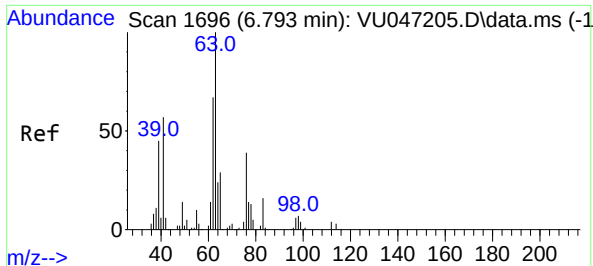


#35
Methylcyclohexane
Concen: 0.191 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

Tgt Ion: 83 Resp: 4076

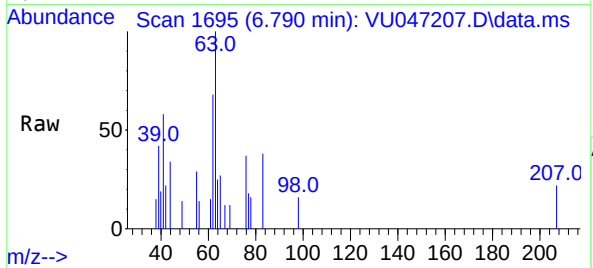
Ion	Ratio	Lower	Upper
83	100		
55	72.3	61.9	92.9
98	42.1	39.0	58.6





#37
1,2-Dichloropropane
Concen: 0.191 ug/L
RT: 6.790 min Scan# 1696
Delta R.T. -0.003 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

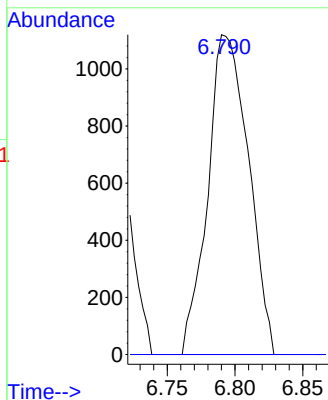
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2022-01



Tgt Ion: 63 Resp: 2340
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8

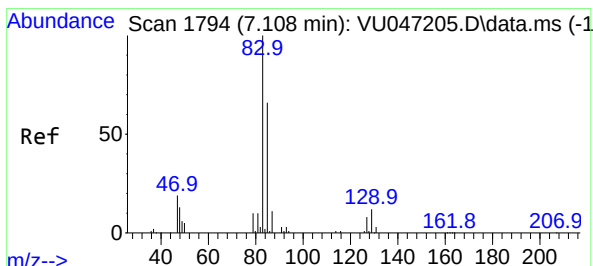
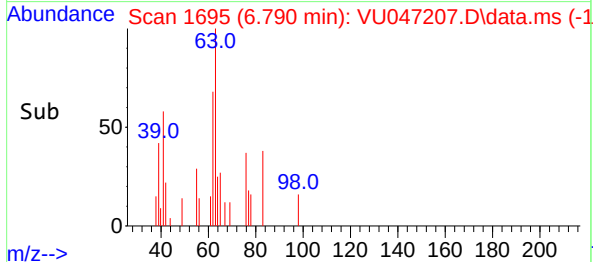
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Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



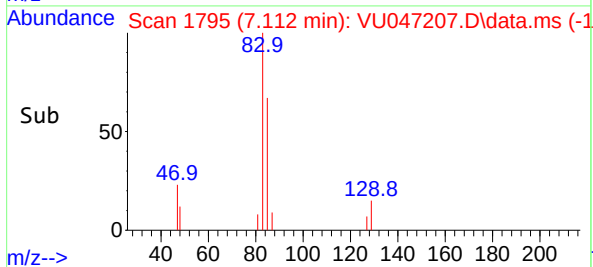
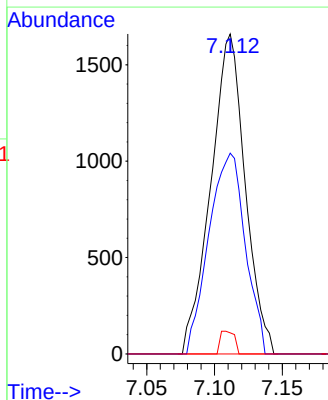
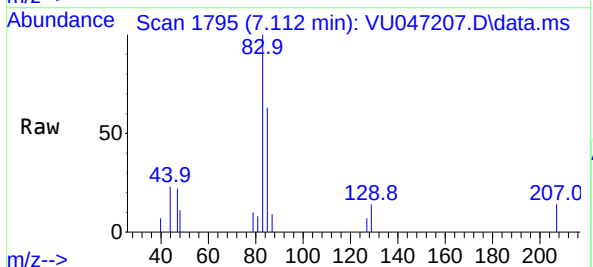
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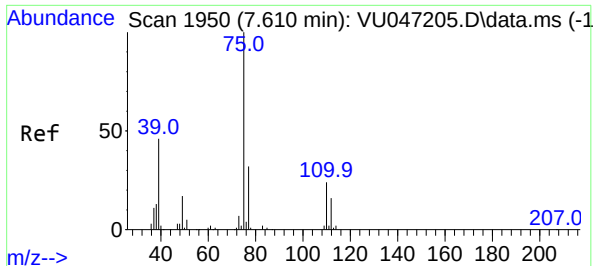
02/22/2022



#38
Bromodichloromethane
Concen: 0.187 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. 0.003 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

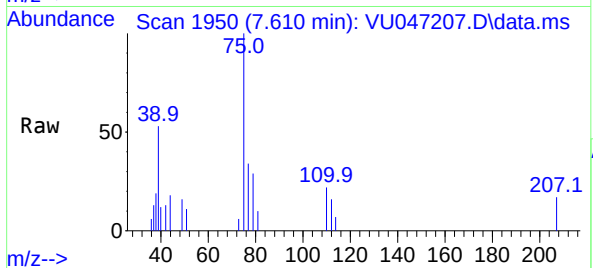
Tgt Ion: 83 Resp: 2929
Ion Ratio Lower Upper
83 100
85 62.8 44.0 81.8
127 6.6 6.3 9.5





#39
 cis-1,3-Dichloropropene
 Concen: 0.173 ug/L
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VU047207.D
 Acq: 17 Feb 2022 16:20

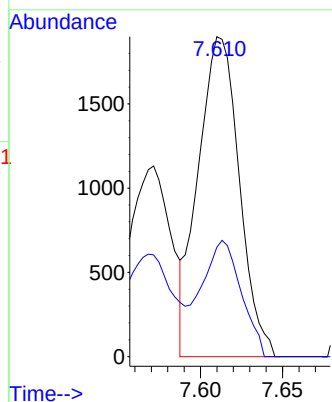
Instrument : MSVOA_U
 ClientSampleId : MDL-WATER-QT1-2022-01



Tgt Ion: 75 Resp: 3307
 Ion Ratio Lower Upper
 75 100
 77 34.2 22.5 41.9

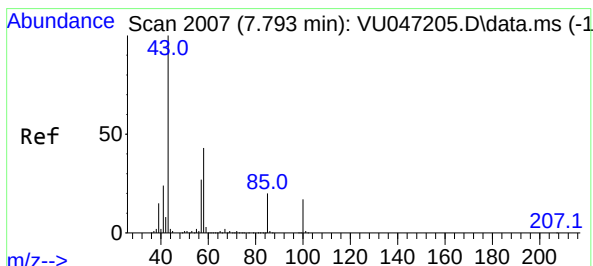
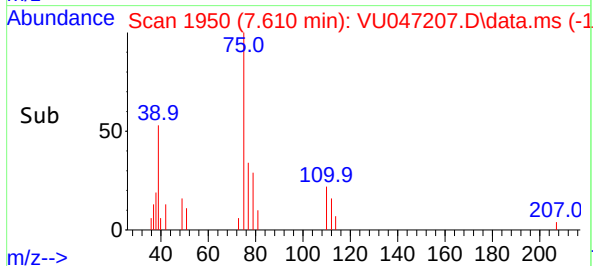
Manual Integrations
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 Supervised By :Mahesh Dadoda 02/22/2022



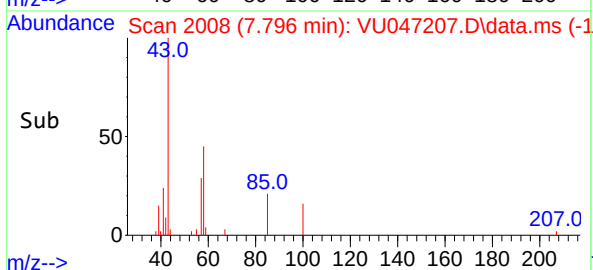
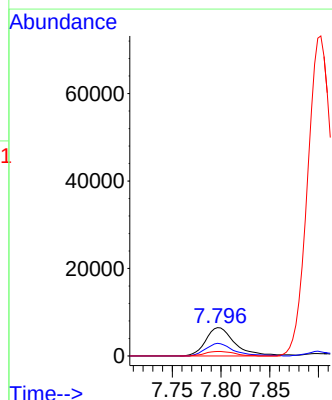
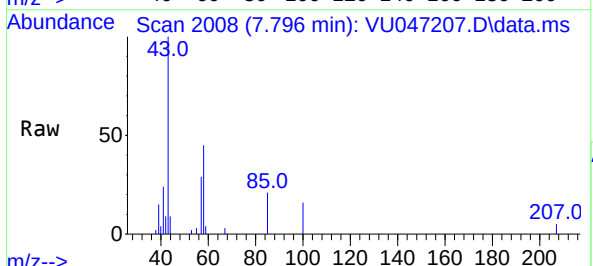
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 Dadoda

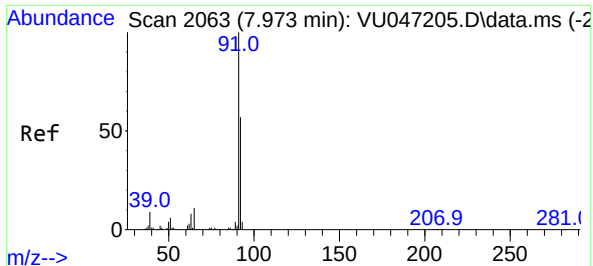
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#40
 4-Methyl-2-pentanone
 Concen: 1.538 ug/L
 RT: 7.796 min Scan# 2008
 Delta R.T. 0.003 min
 Lab File: VU047207.D
 Acq: 17 Feb 2022 16:20

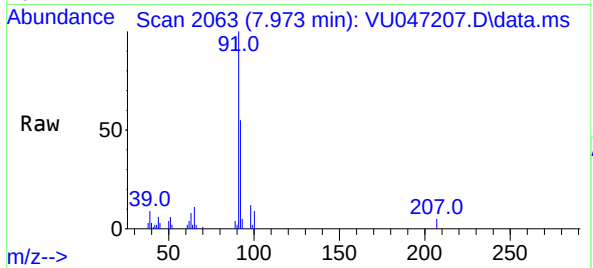
Tgt Ion: 43 Resp: 13466
 Ion Ratio Lower Upper
 43 100
 58 42.8 33.1 49.7
 100 0.0 13.2 19.8#





#42
Toluene
Concen: 0.265 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

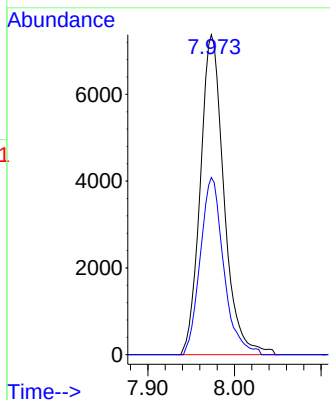
Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT1-2022-01



Tgt Ion: 91 Resp: 1398
Ion Ratio Lower Upper
91 100
92 55.3 41.3 76.7

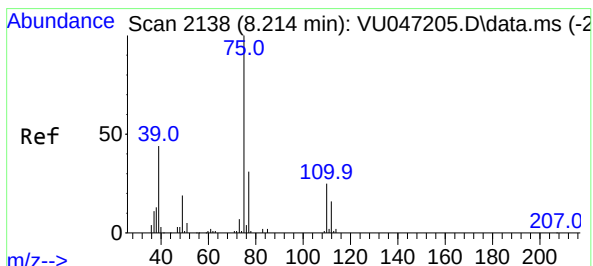
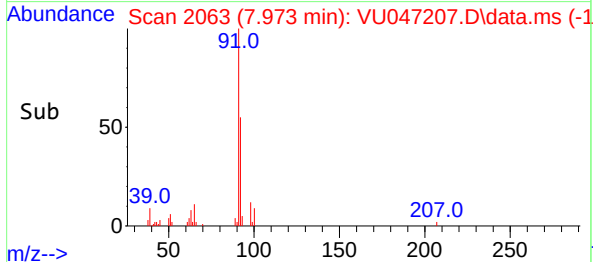
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Supervised By :Mahesh Dadoda 02/22/2022



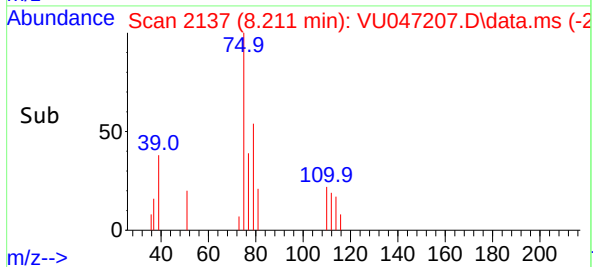
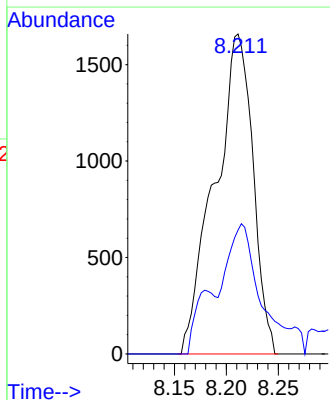
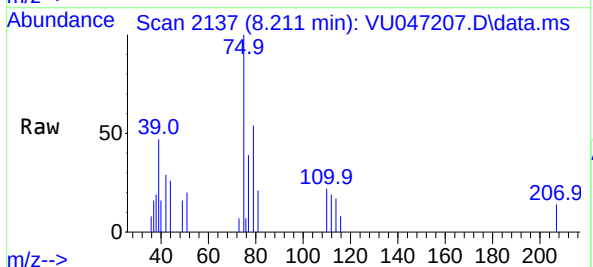
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Dadoda

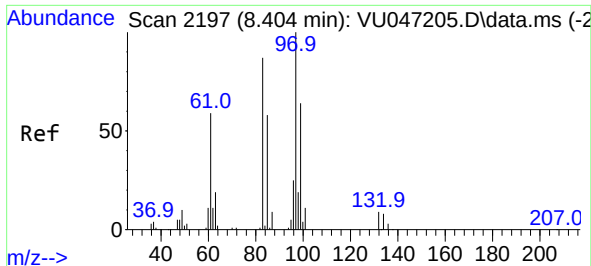
02/22/2022



#44
trans-1,3-Dichloropropene
Concen: 0.247 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

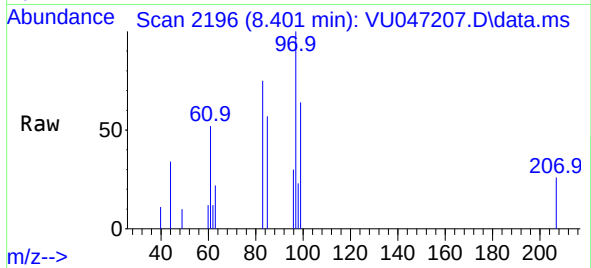
Tgt Ion: 75 Resp: 4242
Ion Ratio Lower Upper
75 100
77 38.7 22.7 42.3





#45
1,1,2-Trichloroethane
Concen: 0.180 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

Instrument : MSVOA_U
ClientSampleId : VU047207.D
MDL-WATER-QT1-2022-01



Tgt Ion: 97 Resp: 171

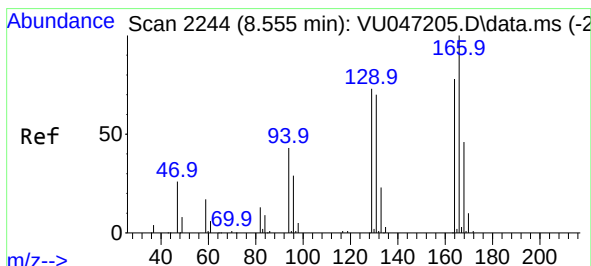
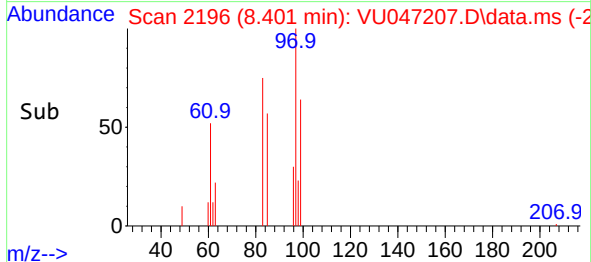
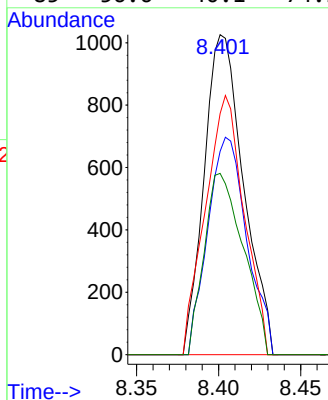
Ion	Ratio	Lower	Upper
97	100		
99	63.5	42.3	78.5
83	75.3	62.0	115.2
85	56.6	40.1	74.5

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Supervised By :Mahesh Dadoda 02/22/2022

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Supervised By :Mahesh
Dadoda

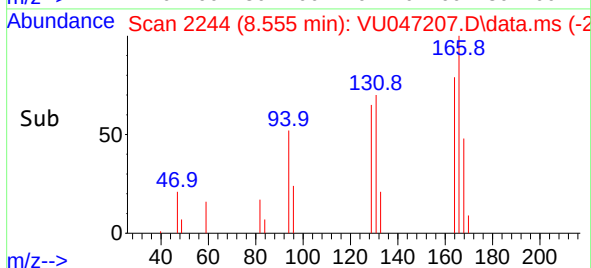
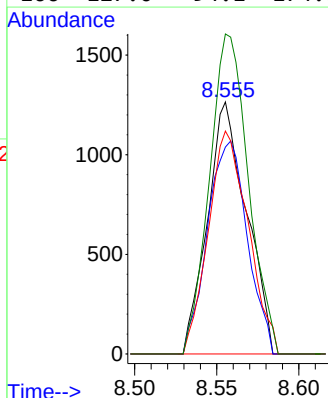
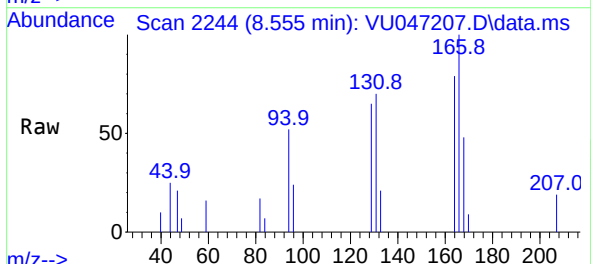
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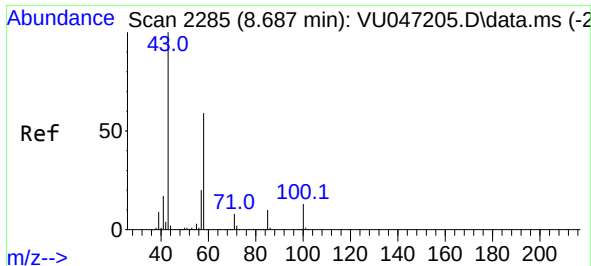


#47
Tetrachloroethene
Concen: 0.203 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

Tgt Ion:164 Resp: 2086

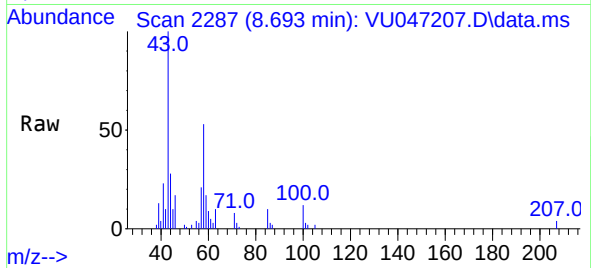
Ion	Ratio	Lower	Upper
164	100		
129	82.1	71.8	133.4
131	88.5	68.5	127.3
166	127.0	94.1	174.8





#48
2-Hexanone
Concen: 3.924 ug/L
RT: 8.693 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2022-01



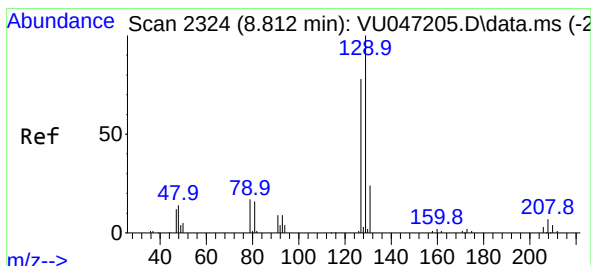
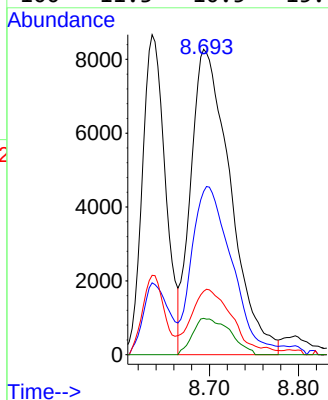
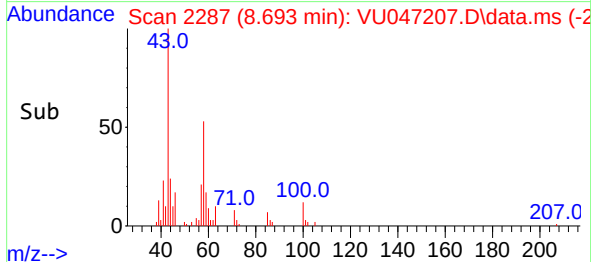
Tgt Ion: 43 Resp: 2554
Ion Ratio Lower Upper
43 100
58 51.7 46.7 70.1
57 19.1 16.3 24.5
100 11.3 10.5 15.7

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Supervised By :Mahesh Dadoda 02/22/2022

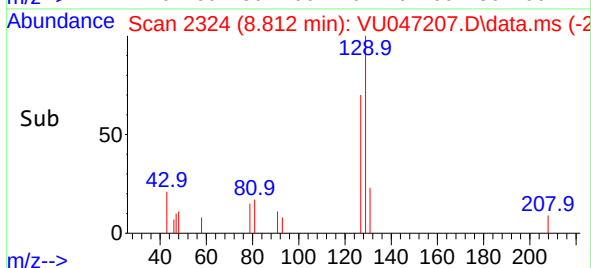
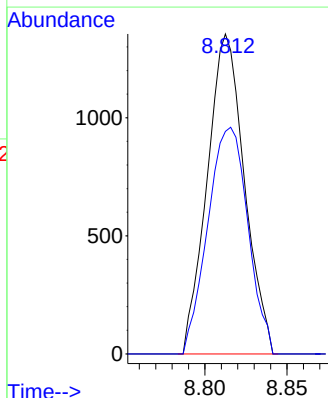
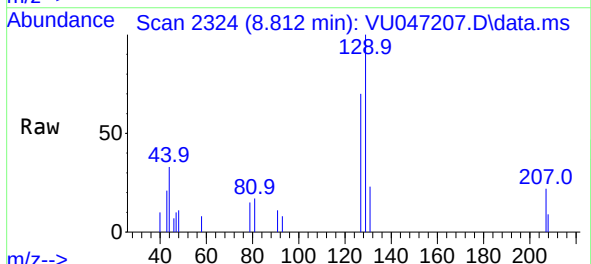
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Dadoda

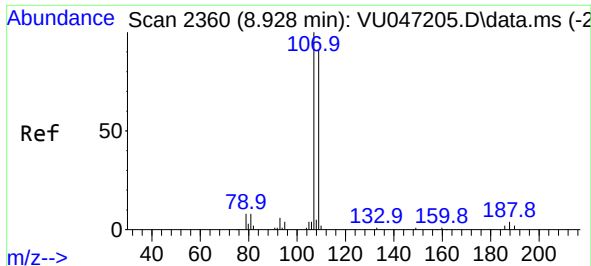
02/22/2022



#49
Dibromochloromethane
Concen: 0.186 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

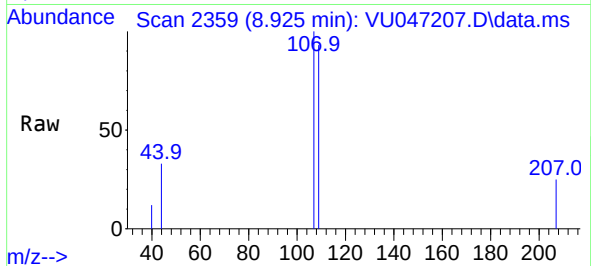
Tgt Ion:129 Resp: 2134
Ion Ratio Lower Upper
129 100
127 69.5 55.4 102.8





#50
1,2-Dibromoethane
Concen: 0.181 ug/L
RT: 8.925 min Scan# 2360
Delta R.T. -0.003 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

Instrument : MSVOA_U
ClientSampleId : VU047207.D
MDL-WATER-QT1-2022-01



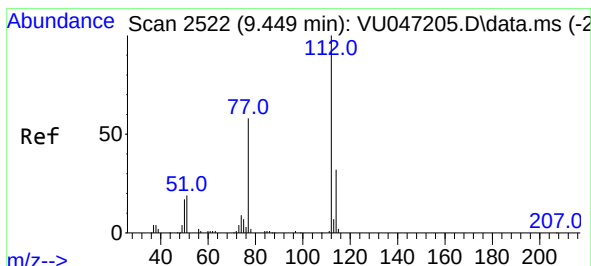
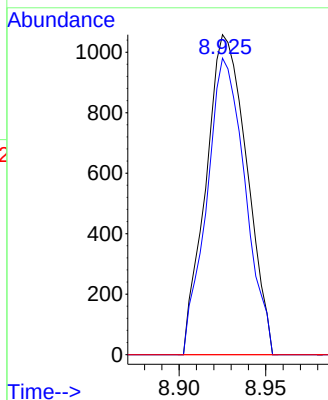
Tgt Ion:107 Resp: 174
Ion Ratio Lower Upper
107 100
109 92.6 64.0 119.0
188 0.0 2.4 3.6

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Supervised By :Mahesh Dadoda 02/22/2022

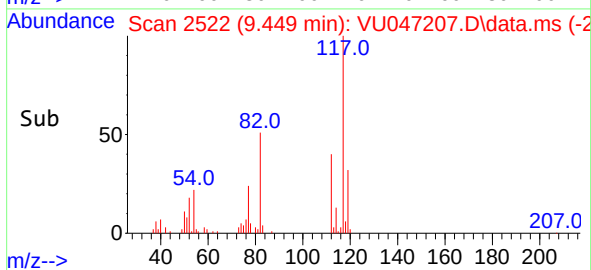
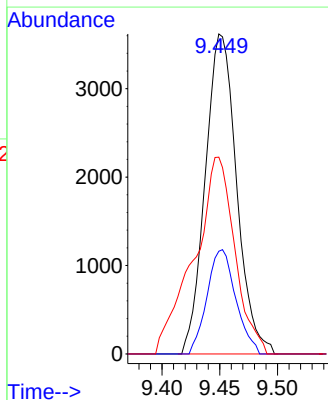
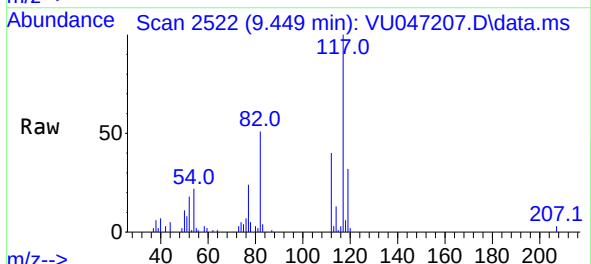
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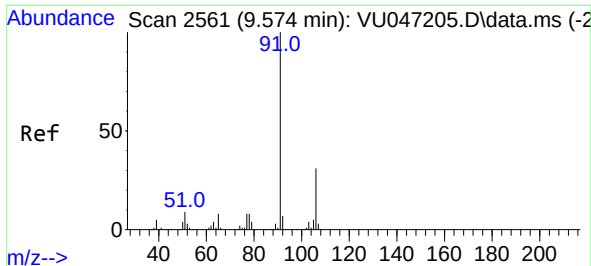
02/22/2022



#51
Chlorobenzene
Concen: 0.201 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

Tgt Ion:112 Resp: 6845
Ion Ratio Lower Upper
112 100
114 32.1 22.1 41.1
77 61.5 48.3 72.5





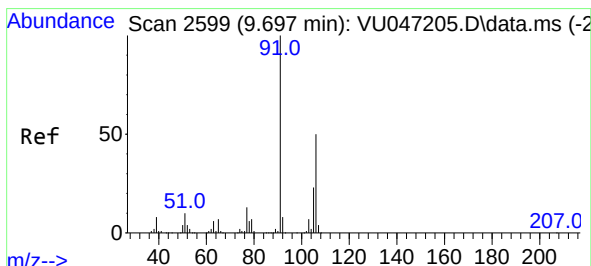
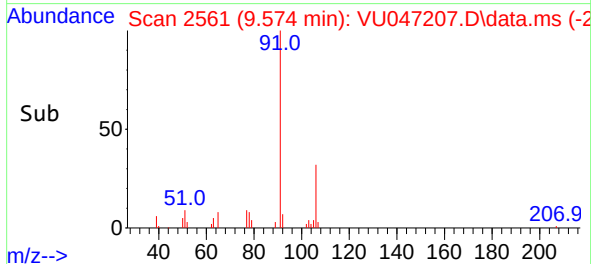
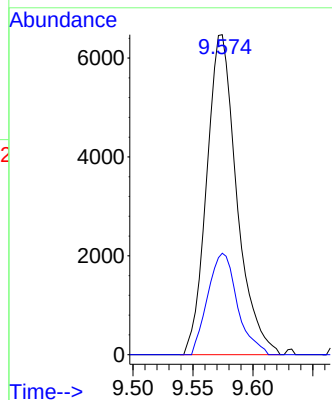
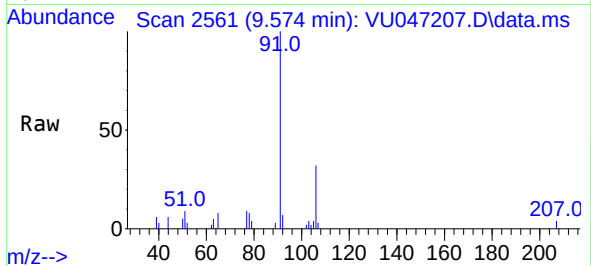
#52
Ethylbenzene
Concen: 0.195 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2022-01

Tgt Ion: 91 Resp: 1130
Ion Ratio Lower Upper
91 100
106 31.7 21.5 39.9

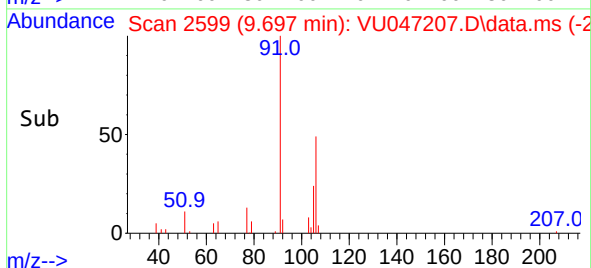
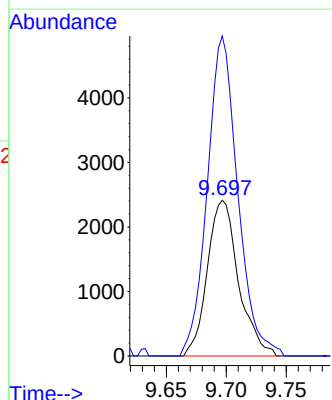
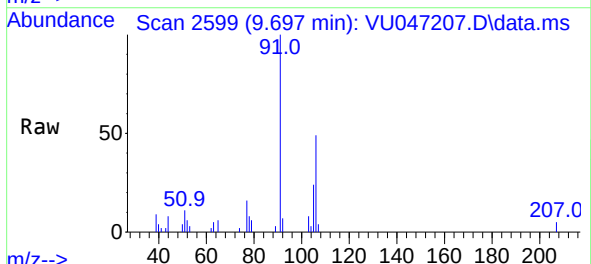
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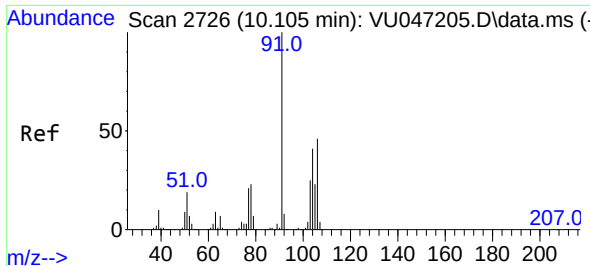
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#53
m,p-Xylene
Concen: 0.192 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

Tgt Ion:106 Resp: 4365
Ion Ratio Lower Upper
106 100
91 205.6 139.4 259.0





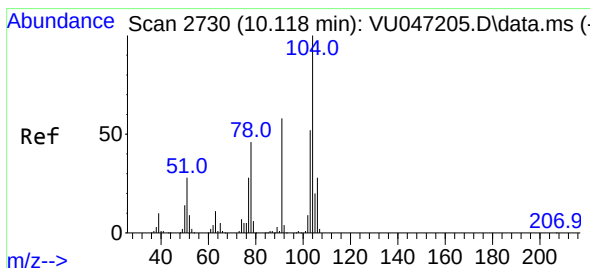
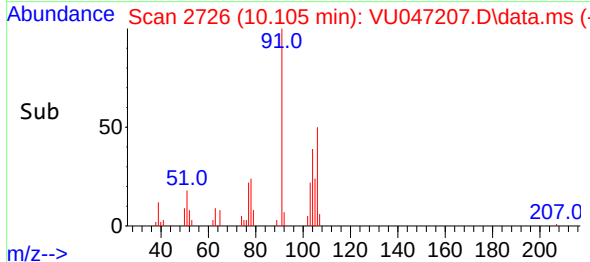
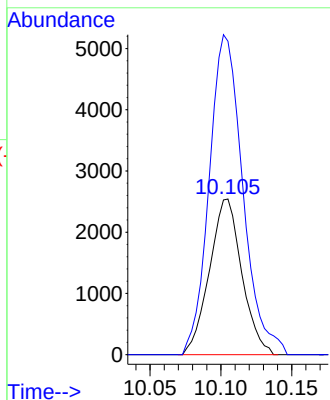
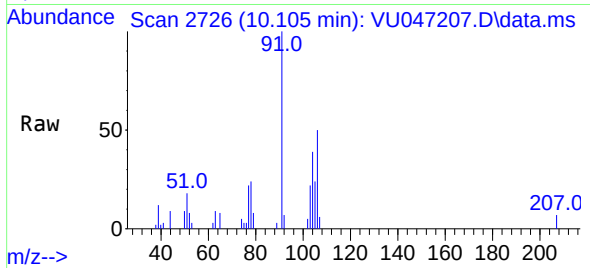
#54
o-Xylene
Concen: 0.183 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2022-01

Tgt Ion:106 Resp: 4050
Ion Ratio Lower Upper
106 100
91 201.3 147.5 273.9

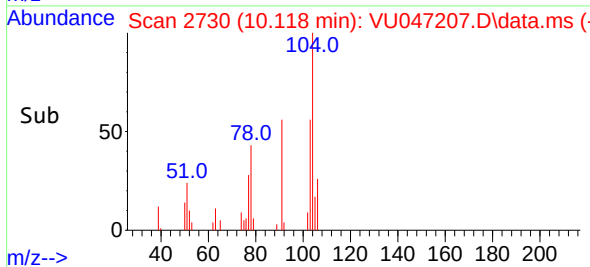
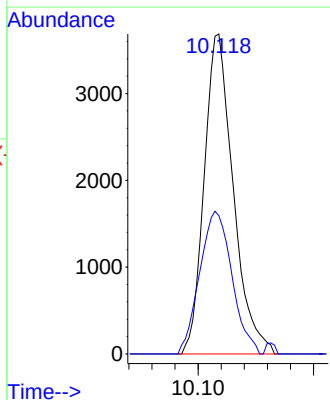
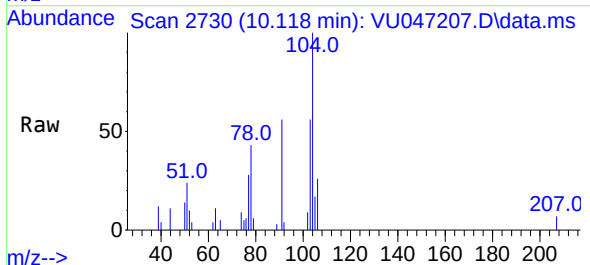
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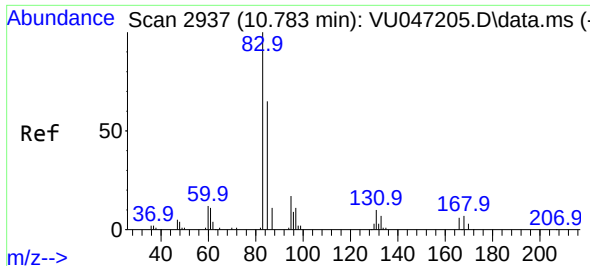
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#55
Styrene
Concen: 0.174 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

Tgt Ion:104 Resp: 6438
Ion Ratio Lower Upper
104 100
78 43.2 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 0.176 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU047207.D

Acq: 17 Feb 2022 16:20

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT1-2022-01

Tgt Ion:	83	Resp:	2220
Ion Ratio	Lower	Upper	
83	100		
85	70.2	47.9	89.1
131	20.3	8.1	12.1

Manual Integrations

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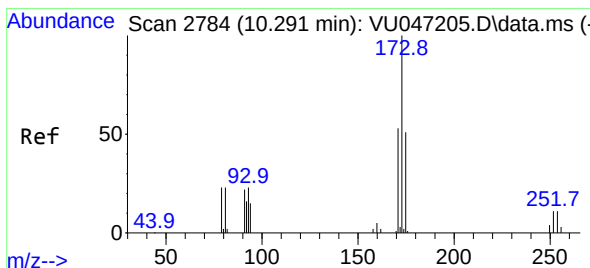
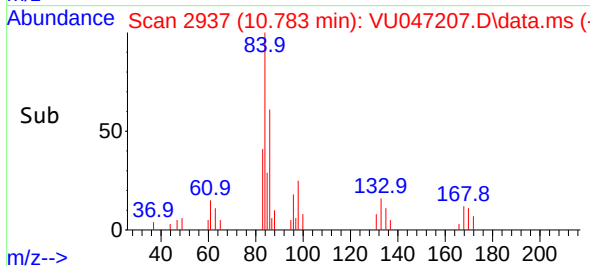
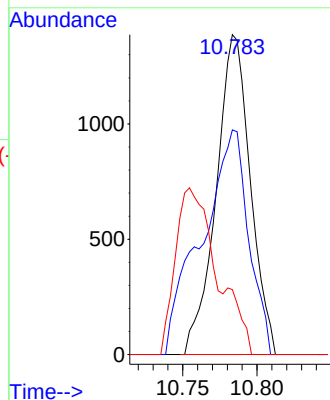
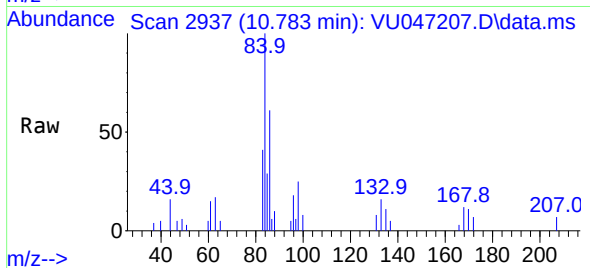
Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022

02/22/2022

Supervised By :Mahesh
Dadoda

02/22/2022



#59

Bromoform

Concen: 0.153 ug/L

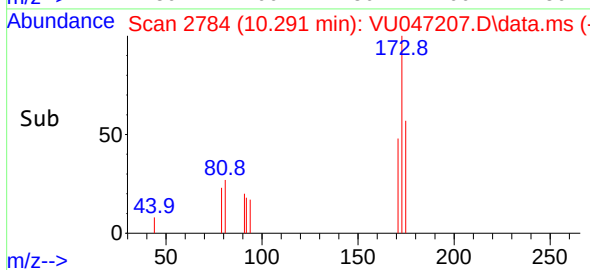
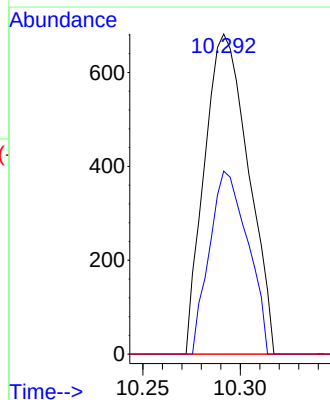
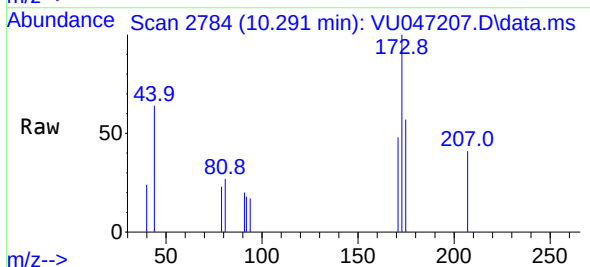
RT: 10.291 min Scan# 2784

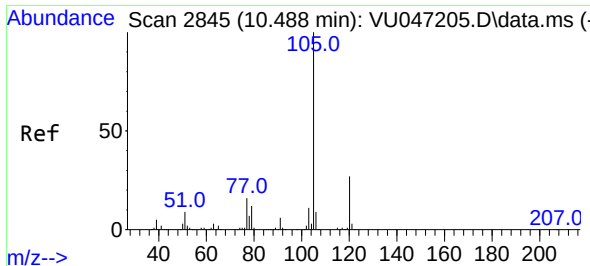
Delta R.T. 0.000 min

Lab File: VU047207.D

Acq: 17 Feb 2022 16:20

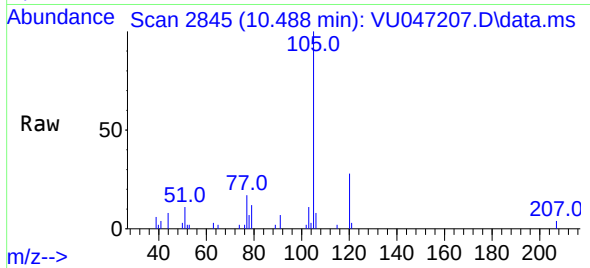
Tgt Ion:	173	Resp:	1068
Ion Ratio	Lower	Upper	
173	100		
175	49.9	37.8	56.6
254	0.0	7.3	10.9





#60
Isopropylbenzene
Concen: 0.190 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT1-2022-01



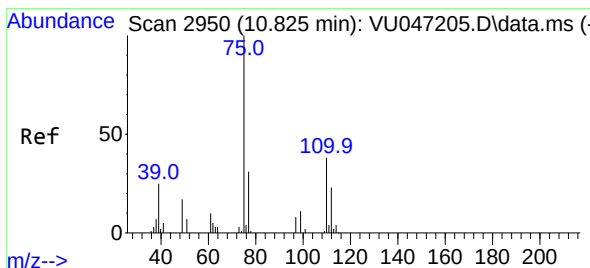
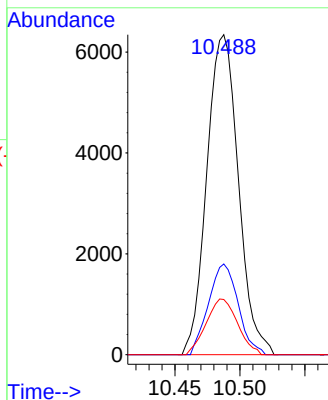
Tgt Ion:	105	Resp:	10710
Ion	Ratio	Lower	Upper
105	100		
120	26.7	20.7	31.1
77	17.3	12.6	19.0

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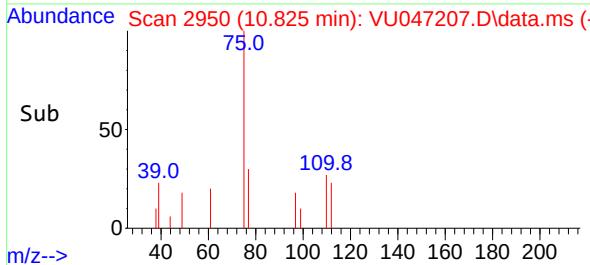
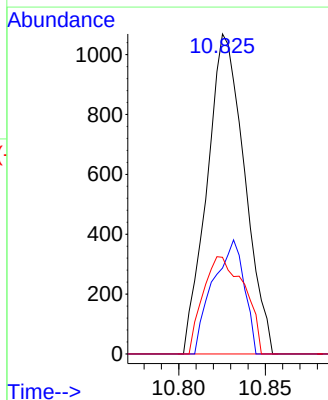
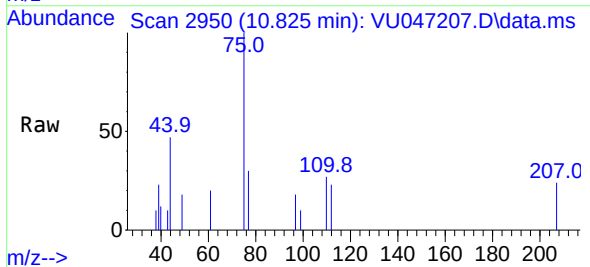
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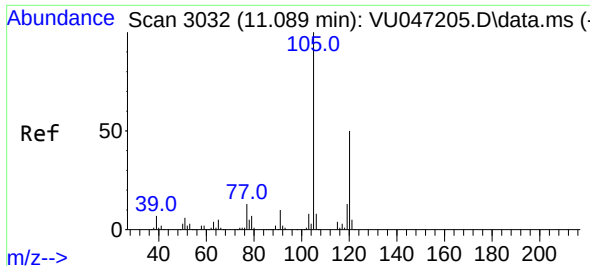
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#61
1,2,3-Trichloropropane
Concen: 0.175 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

Tgt Ion:	75	Resp:	1607
Ion	Ratio	Lower	Upper
75	100		
110	29.7	29.9	44.9
77	33.4	25.5	38.3





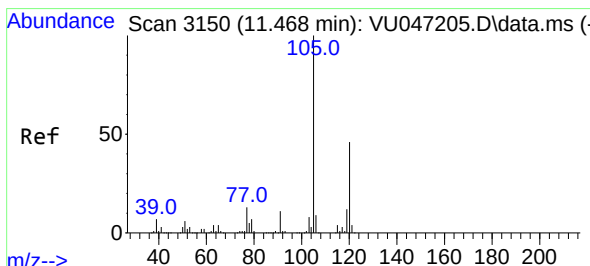
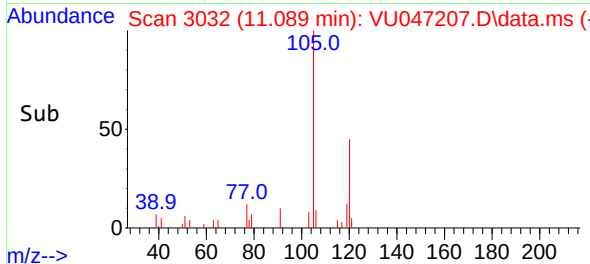
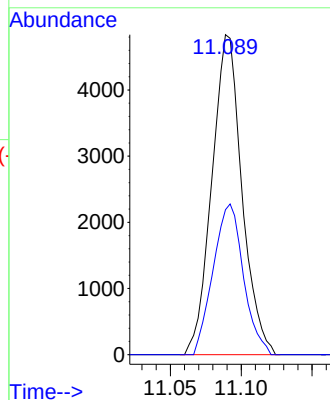
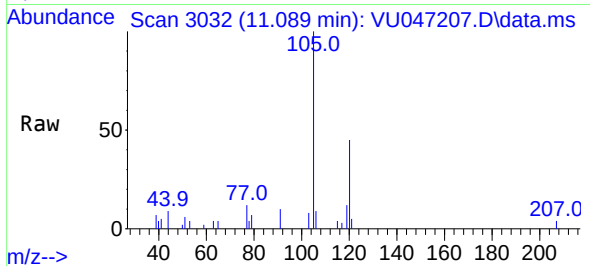
#62
1,3,5-Trimethylbenzene
Concen: 0.190 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT1-2022-01

Tgt Ion:105 Resp: 7138
Ion Ratio Lower Upper
105 100
120 47.4 38.3 57.5

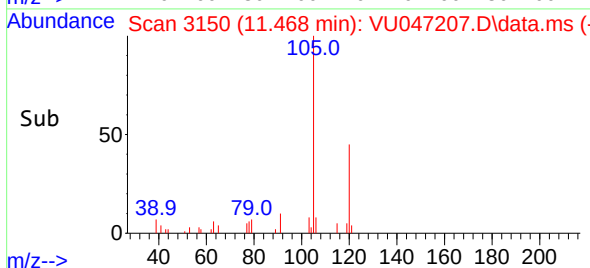
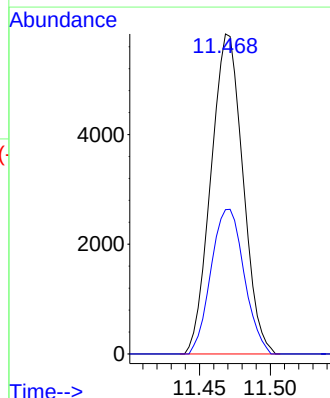
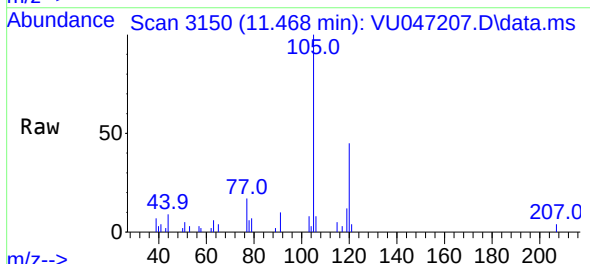
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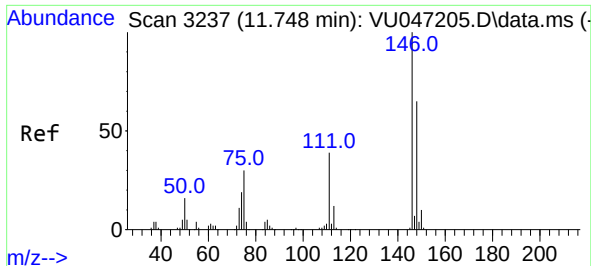
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#63
1,2,4-Trimethylbenzene
Concen: 0.189 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

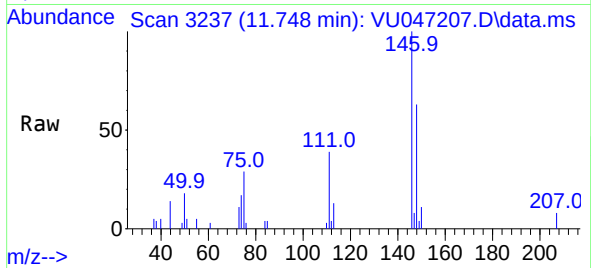
Tgt Ion:105 Resp: 9138
Ion Ratio Lower Upper
105 100
120 46.9 35.8 53.8





#64
1,3-Dichlorobenzene
Concen: 0.201 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2022-01



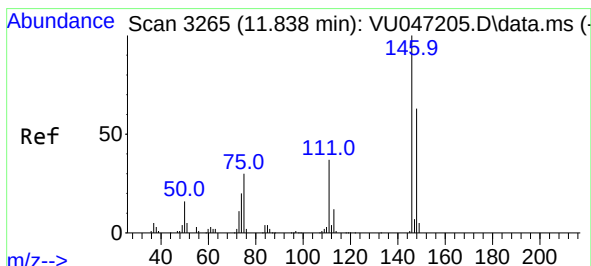
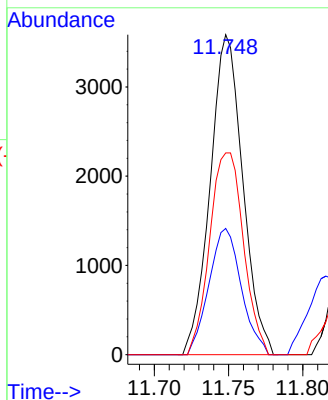
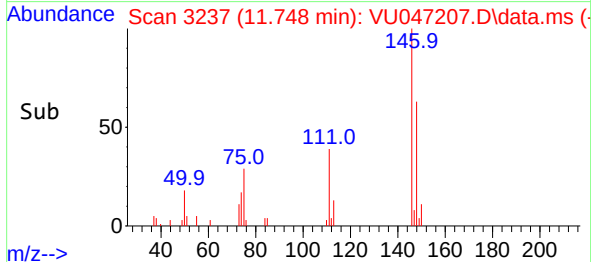
Tgt Ion:146 Resp: 5472
Ion Ratio Lower Upper
146 100
111 39.4 29.9 55.5
148 63.1 44.3 82.3

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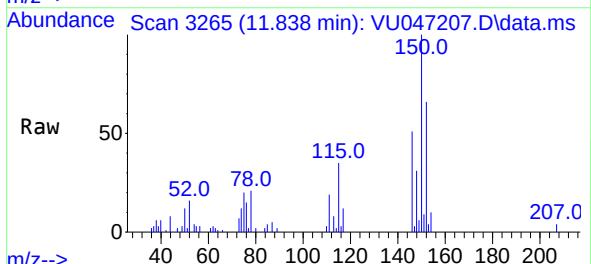
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

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Dadoda

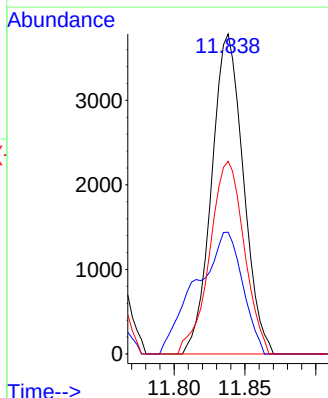
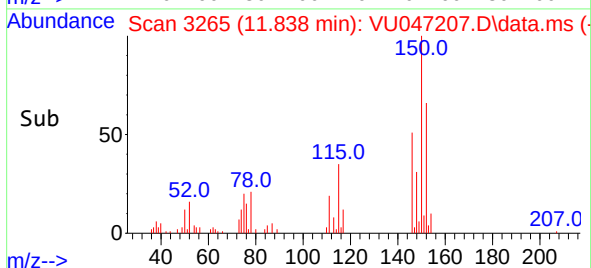
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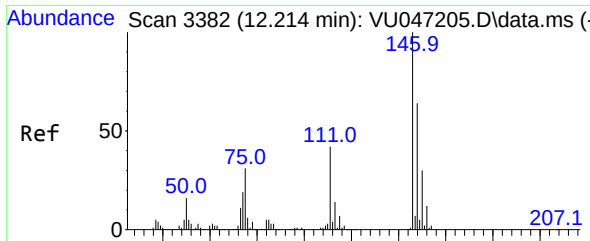


#65
1,4-Dichlorobenzene
Concen: 0.214 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20



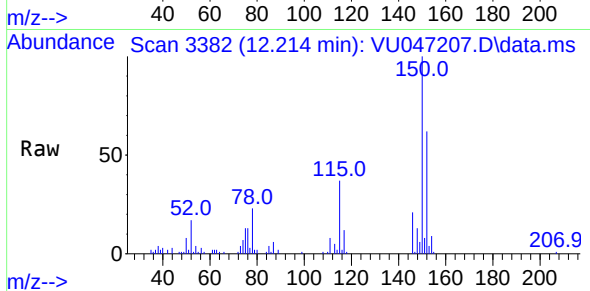
Tgt Ion:146 Resp: 5888
Ion Ratio Lower Upper
146 100
111 38.1 28.7 53.3
148 60.2 45.8 85.0





#67
1,2-Dichlorobenzene
Concen: 0.206 ug/L
RT: 12.214 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2022-01



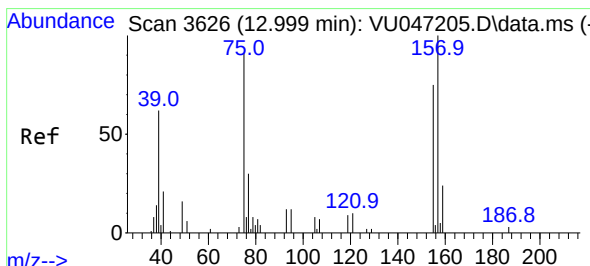
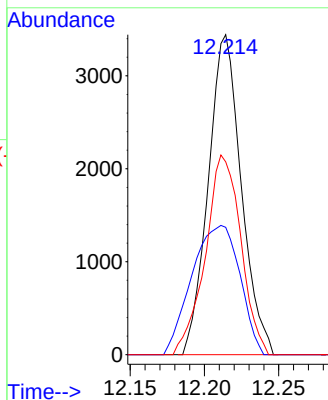
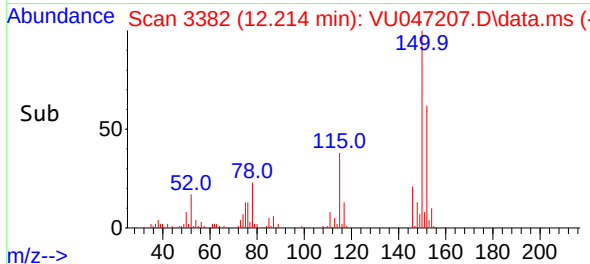
Tgt Ion:146 Resp: 532.9
Ion Ratio Lower Upper
146 100
111 39.8 35.4 53.0
148 60.3 51.1 76.7

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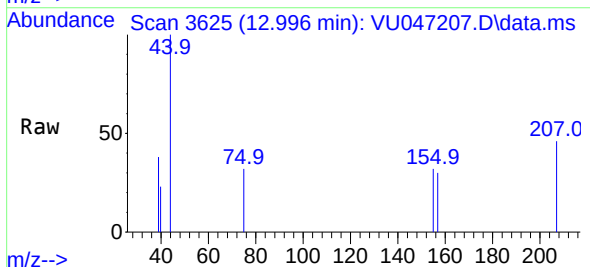
Reviewed By :John Carlone 02/22/2022
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Dadoda

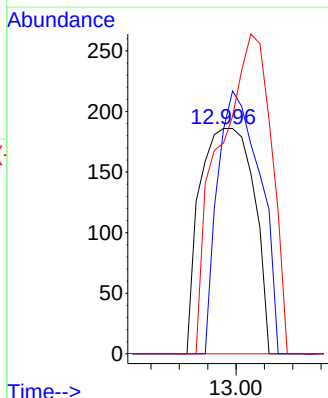
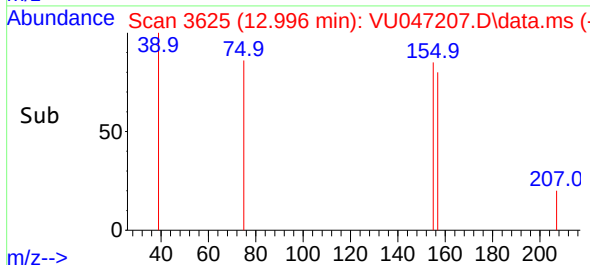
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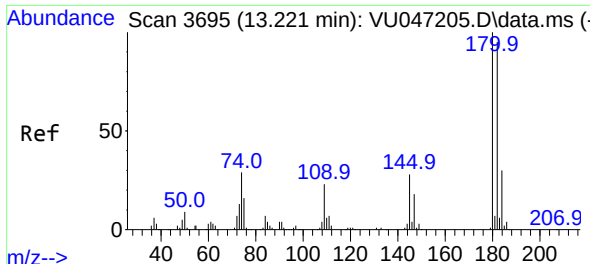


#68
1,2-Dibromo-3-chloropropane
Concen: 0.116 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. -0.003 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20



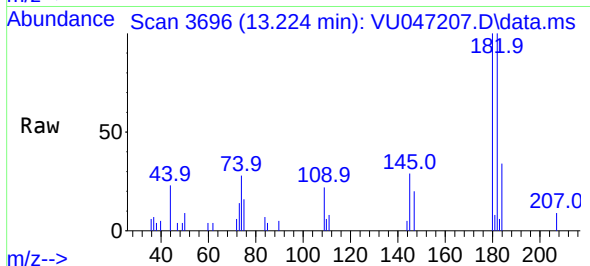
Tgt Ion: 75 Resp: 245
Ion Ratio Lower Upper
75 100
155 99.5 59.2 88.8#
157 93.5 76.5 114.7





#69
1,3,5-Trichlorobenzene
Concen: 0.200 ug/L m
RT: 13.224 min Scan# 3695
Delta R.T. 0.003 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2022-01



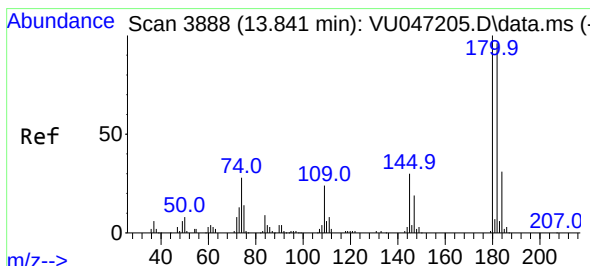
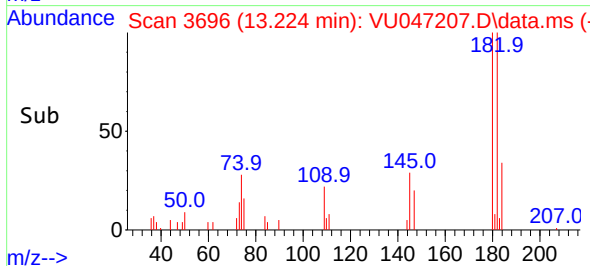
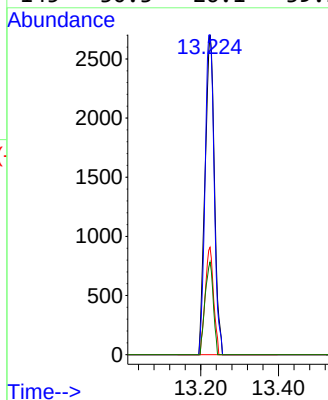
Tgt Ion:180 Resp: 449
Ion Ratio Lower Upper
180 100
182 94.5 76.1 114.1
184 26.6 25.0 37.4
145 30.3 26.1 39.1

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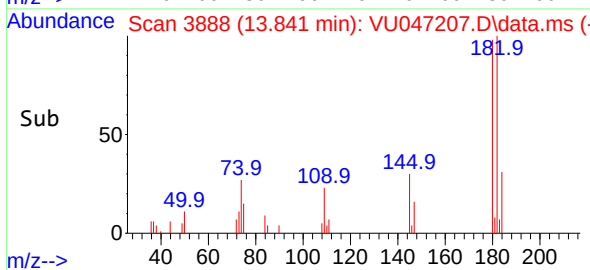
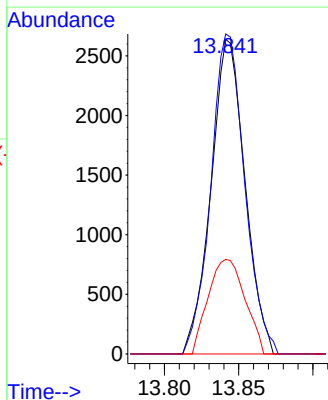
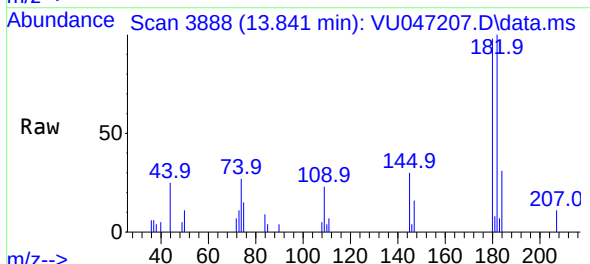
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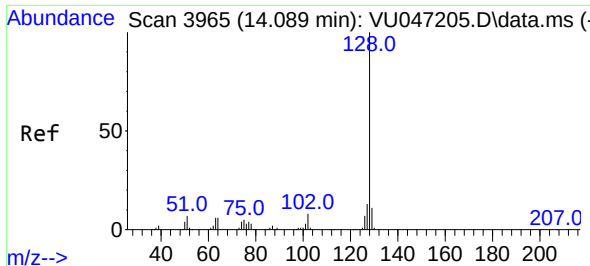
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#70
1,2,4-trichlorobenzene
Concen: 0.201 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

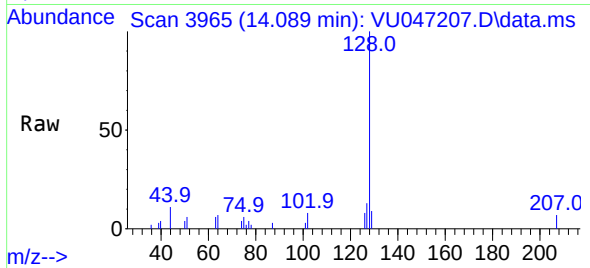
Tgt Ion:180 Resp: 4201
Ion Ratio Lower Upper
180 100
182 101.2 76.4 114.6
145 32.5 25.6 38.4





#71
Naphthalene
Concen: 0.183 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20

Instrument : MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2022-01



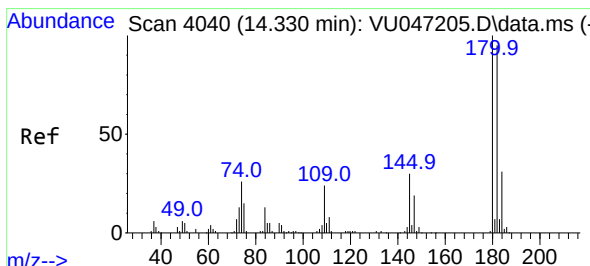
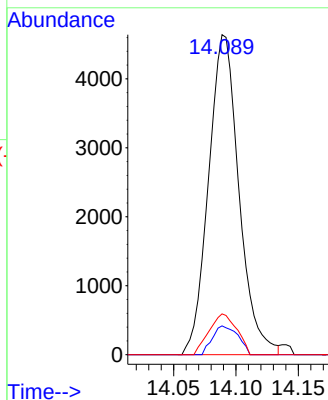
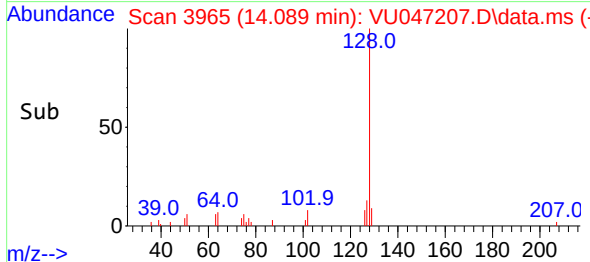
Tgt Ion:128 Resp: 789
Ion Ratio Lower Upper
128 100
129 7.5 8.4 12.6
127 11.6 10.2 15.2

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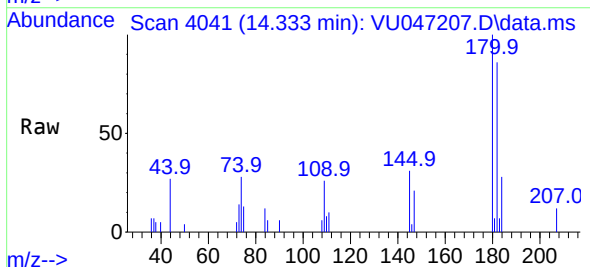
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

02/22/2022
Supervised By :Mahesh
Dadoda

02/22/2022



#72
1,2,3-Trichlorobenzene
Concen: 0.201 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU047207.D
Acq: 17 Feb 2022 16:20



Tgt Ion:180 Resp: 3954
Ion Ratio Lower Upper
180 100
182 86.7 76.2 114.4
145 29.8 28.4 42.6

