

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012921\
 Data File : VW020214.D
 Acq On : 28 Jan 2021 15:20
 Operator : SY/MD
 Sample : L5214-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT1-2021-01

Manual Integrations
 APPROVED

Quant Time: Jan 29 00:53:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 28 12:11:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	486044	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	469001	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.257	152	249267	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.306	65	140672	4.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.80%
7) Chloroethane-d5	1.566	69	114941	3.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.40%
11) 1,1-Dichloroethene-d2	2.106	63	179060	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	3.936	46	280575	39.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.52%
24) Chloroform-d	4.354	84	273950	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
26) 1,2-Dichloroethane-d4	5.039	65	141321	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
32) Benzene-d6	5.055	84	527299	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	6.074	67	162040	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.00%
41) Toluene-d8	7.318	98	479649	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloroprop...	7.630	79	52418	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
46) 2-Hexanone-d5	8.097	63	224871	39.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.00%
56) 1,1,2,2-Tetrachloroeth...	10.222	84	108645	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
66) 1,2-Dichlorobenzene-d4	11.633	152	190099	4.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.60%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.129	85	10446	0.22	ug/L 99
3) Chloromethane	1.241	50	11729	0.25	ug/L 97
5) Vinyl chloride	1.309	62	10190	0.23	ug/L # 67
6) Bromomethane	1.521	94	5945	0.23	ug/L 95
8) Chloroethane	1.585	64	5946	0.22	ug/L 94
9) Trichlorofluoromethane	1.753	101	13608	0.25	ug/L 96
10) 1,1,2-Trichloro-1,2,2-...	2.116	101	9304	0.33	ug/L # 90
12) 1,1-Dichloroethene	2.116	96	8595	0.32	ug/L # 1
13) Acetone	2.245	43	10505m	2.64	ug/L
14) Carbon disulfide	2.293	76	22308	0.22	ug/L # 92
15) Methyl Acetate	2.454	43	1694	0.14	ug/L 94
16) Methylene chloride	2.512	84	11957	0.33	ug/L 89
17) Methyl tert-butyl Ether	2.778	73	15702	0.21	ug/L 99
18) trans-1,2-Dichloroethene	2.762	96	7859	0.22	ug/L 97
19) 1,1-Dichloroethane	3.200	63	13993	0.22	ug/L 99
21) 2-Butanone	4.026	43	14633m	1.92	ug/L
22) cis-1,2-Dichloroethene	3.926	96	8085	0.22	ug/L 94
23) Bromochloromethane	4.261	128	3354	0.21	ug/L 87
25) Chloroform	4.386	83	17750	0.27	ug/L 95

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Manual Integrations
 APPROVED

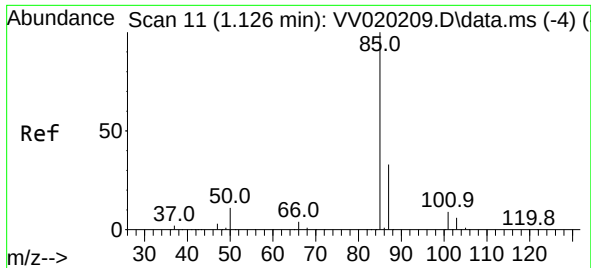
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 28 12:11:07 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.151	62	8185	0.21	ug/L	96
29) 1,1,1-Trichloroethane	4.618	97	13213	0.23	ug/L	94
30) Cyclohexane	4.679	56	12355	0.22	ug/L	92
31) Carbon tetrachloride	4.836	117	10600	0.21	ug/L	94
33) Benzene	5.106	78	31010	0.22	ug/L	100
34) Trichloroethene	5.923	95	8477	0.22	ug/L	92
35) Methylcyclohexane	6.132	83	12687	0.22	ug/L	97
37) 1,2-Dichloropropane	6.187	63	8166	0.24	ug/L #	91
38) Bromodichloromethane	6.518	83	9157	0.21	ug/L	82
39) cis-1,3-Dichloropropene	7.042	75	10288	0.22	ug/L	99
40) 4-Methyl-2-pentanone	7.241	43	33067	1.77	ug/L #	89
42) Toluene	7.399	91	32477	0.22	ug/L	99
44) trans-1,3-Dichloropropene	7.666	75	10169	0.26	ug/L	91
45) 1,1,2-Trichloroethane	7.849	97	4553	0.19	ug/L	89
47) Tetrachloroethene	7.978	164	7769	0.24	ug/L	89
48) 2-Hexanone	8.151	43	29551	2.28	ug/L	98
49) Dibromochloromethane	8.254	129	6085	0.22	ug/L	88
50) 1,2-Dibromoethane	8.363	107	4865	0.22	ug/L #	86
51) Chlorobenzene	8.891	112	21397	0.22	ug/L	92
52) Ethylbenzene	9.023	91	34864	0.21	ug/L	97
53) m,p-xylene	9.148	106	12832	0.21	ug/L	91
54) o-xylene	9.550	106	11775	0.20	ug/L	99
55) Styrene	9.572	104	18436	0.18	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.251	83	5045	0.20	ug/L #	74
59) Bromoform	9.740	173	2973	0.20	ug/L #	98
60) Isopropylbenzene	9.939	105	32243	0.22	ug/L	98
61) 1,2,3-Trichloropropane	10.283	75	4237	0.24	ug/L	98
62) 1,3,5-Trimethylbenzene	10.547	105	26194	0.21	ug/L	99
63) 1,2,4-Trimethylbenzene	10.923	105	24880	0.20	ug/L	95
64) 1,3-Dichlorobenzene	11.193	146	17124	0.22	ug/L	96
65) 1,4-Dichlorobenzene	11.283	146	17039	0.22	ug/L	95
67) 1,2-Dichlorobenzene	11.649	146	16927	0.24	ug/L #	92
68) 1,2-Dibromo-3-chloropr...	12.444	75	832	0.20	ug/L #	80
69) 1,3,5-Trichlorobenzene	12.656	180	14828	0.22	ug/L	97
70) 1,2,4-trichlorobenzene	13.273	180	12006	0.22	ug/L	98
71) Naphthalene	13.514	128	12915	0.18	ug/L	97
72) 1,2,3-Trichlorobenzene	13.755	180	9982	0.21	ug/L	96

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

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2/1/2021 1:51:10 PM

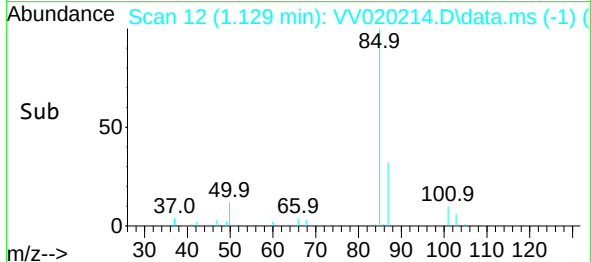
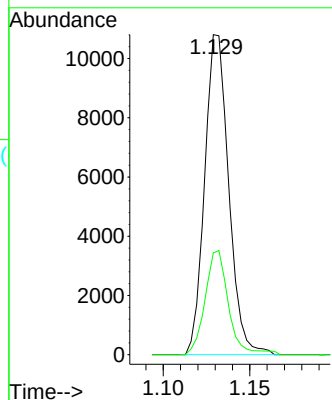
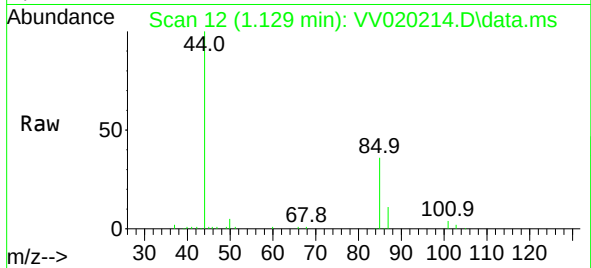


#2
Dichlorodifluoromethane
Concen: 0.22 ug/L
RT: 1.129 min Scan# 12
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion: 85 Resp: 10446
Ion Ratio Lower Upper
85 100
87 31.5 25.6 38.4

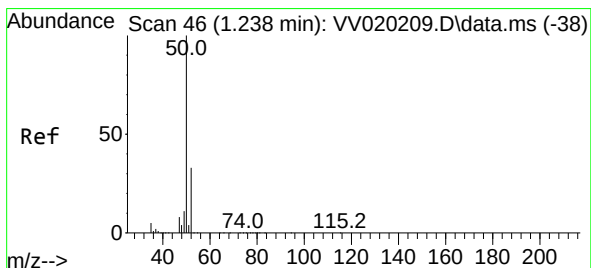
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01

Manual Integrations
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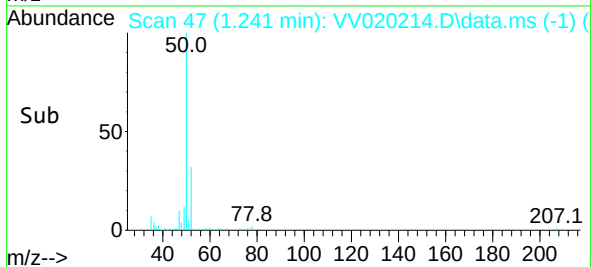
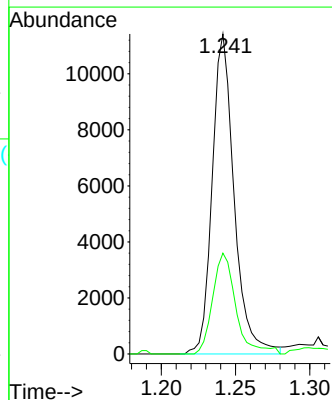
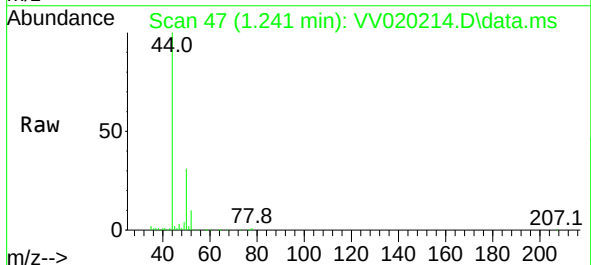
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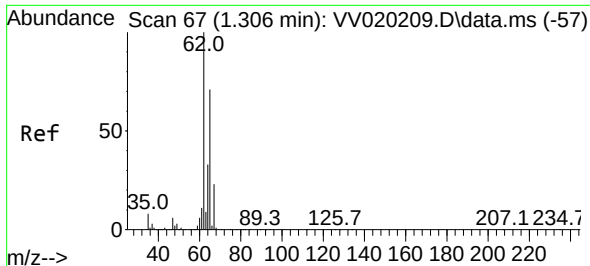
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#3
Chloromethane
Concen: 0.25 ug/L
RT: 1.241 min Scan# 47
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

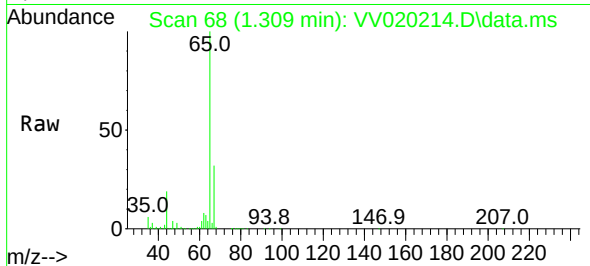
Tgt Ion: 50 Resp: 11729
Ion Ratio Lower Upper
50 100
52 31.5 23.1 42.9





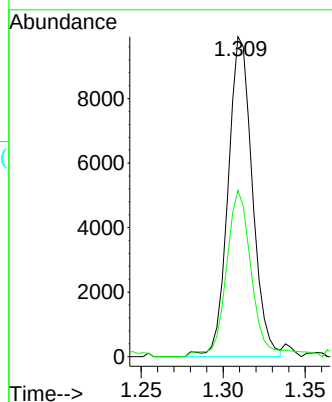
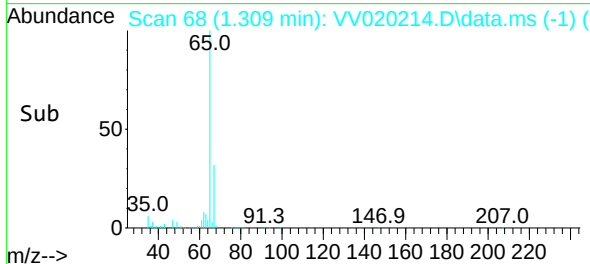
#5
 Vinyl chloride
 Concen: 0.23 ug/L
 RT: 1.309 min Scan# 68
 Delta R.T. 0.003 min
 Lab File: VV020214.D
 Acq: 28 Jan 2021 15:20

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT1-2021-01



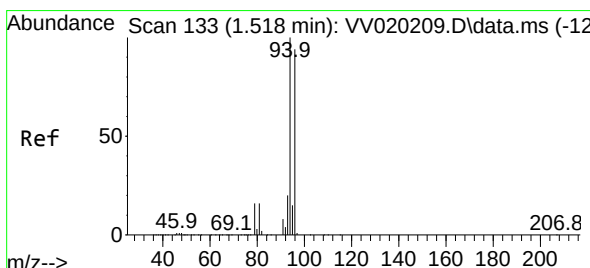
Tgt Ion: 62 Resp: 10190
 Ion Ratio Lower Upper
 62 100
 64 51.9 23.2 43.2#

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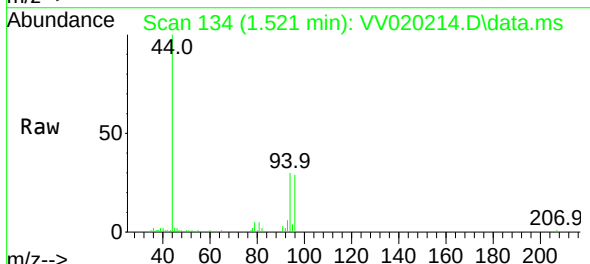


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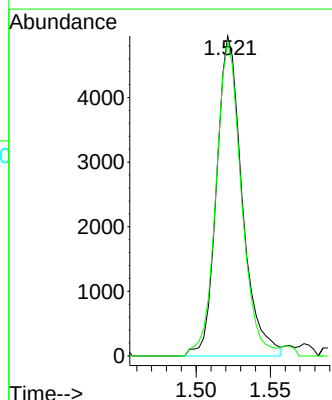
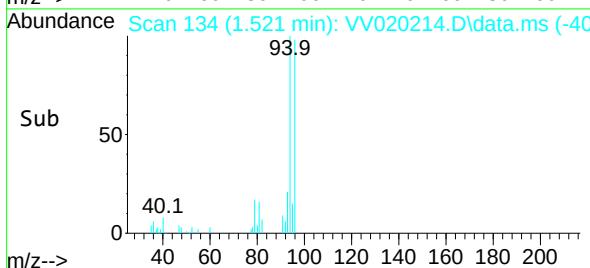
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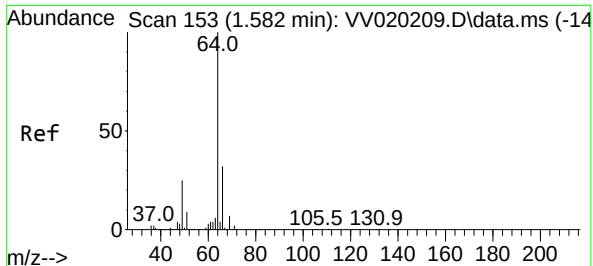


#6
 Bromomethane
 Concen: 0.23 ug/L
 RT: 1.521 min Scan# 134
 Delta R.T. 0.003 min
 Lab File: VV020214.D
 Acq: 28 Jan 2021 15:20



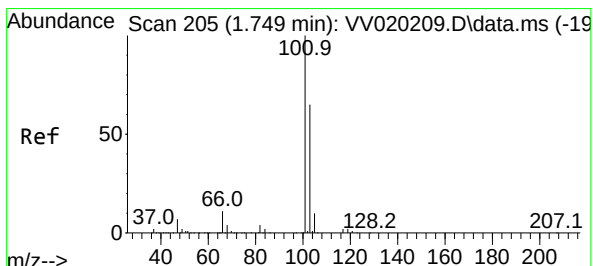
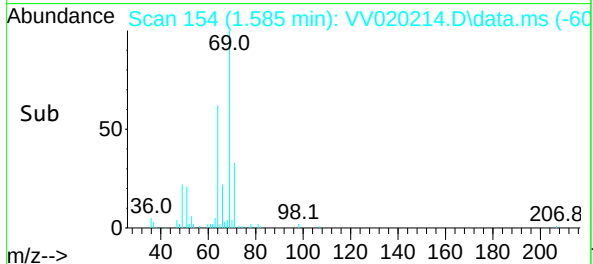
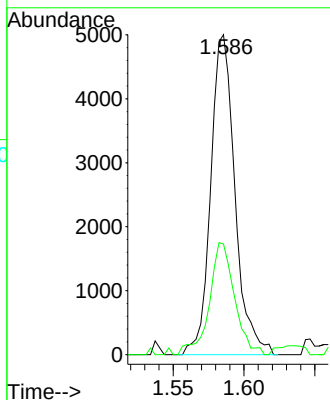
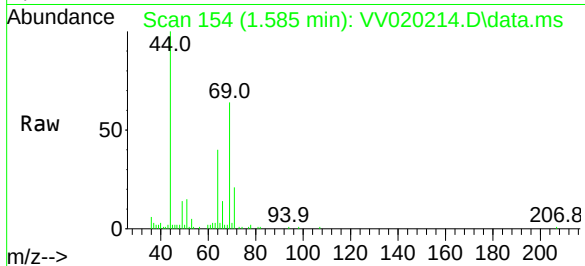
Tgt Ion: 94 Resp: 5945
 Ion Ratio Lower Upper
 94 100
 96 98.2 65.6 121.8





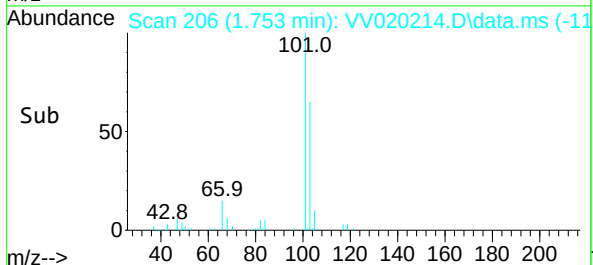
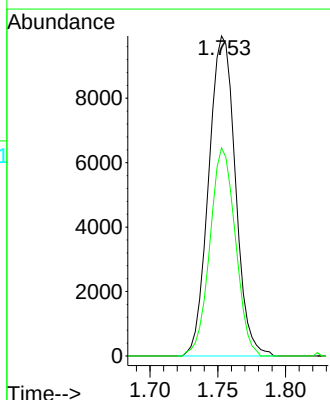
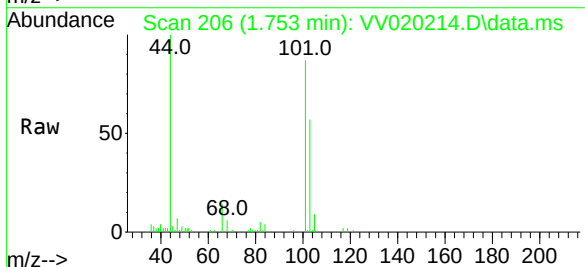
#8
Chloroethane
Concen: 0.22 ug/L
RT: 1.585 min Scan# 154
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion: 64 Resp: 5946
Ion Ratio Lower Upper
64 100
66 34.6 22.0 40.8



#9
Trichlorofluoromethane
Concen: 0.25 ug/L
RT: 1.753 min Scan# 206
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion: 101 Resp: 13608
Ion Ratio Lower Upper
101 100
103 62.0 51.8 77.8

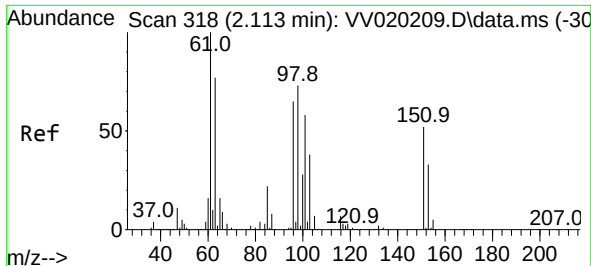


Instrument :
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Manual Integrations
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2/1/2021 1:51:10 PM



#10

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

Concen: 0.33 ug/L

RT: 2.116 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV020214.D

Acq: 28 Jan 2021 15:20

Tgt Ion:	101	Resp:	9304
Ion Ratio	Lower	Upper	
101	100		
85	30.3	36.4	54.6#
151	66.9	54.1	81.1

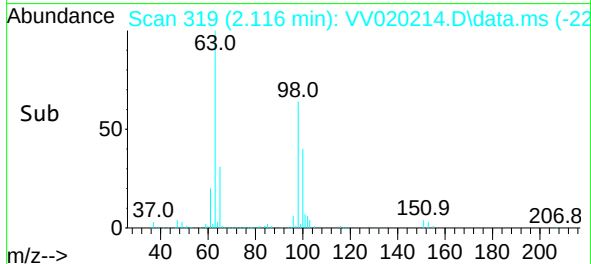
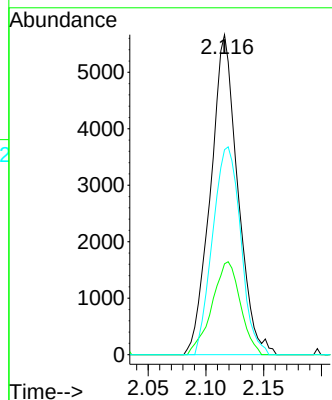
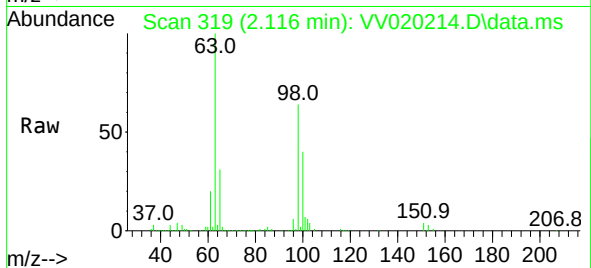
Instrument :

MSVOA_V

ClientSampleId :

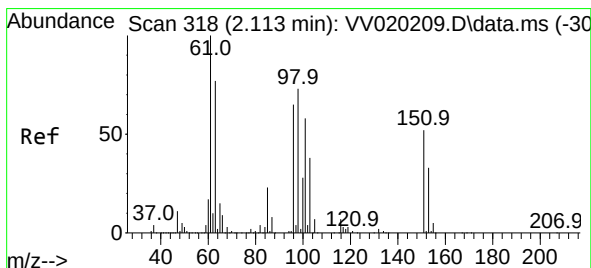
MDL-WATER-QT1-2021-01

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#12

1,1-Dichloroethene

Concen: 0.32 ug/L

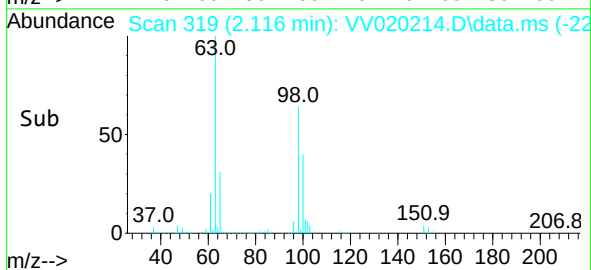
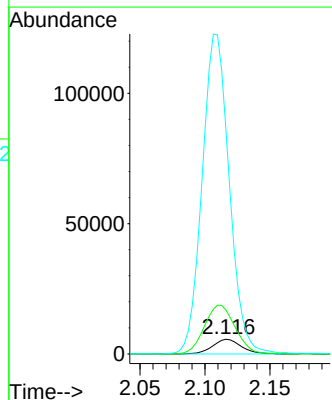
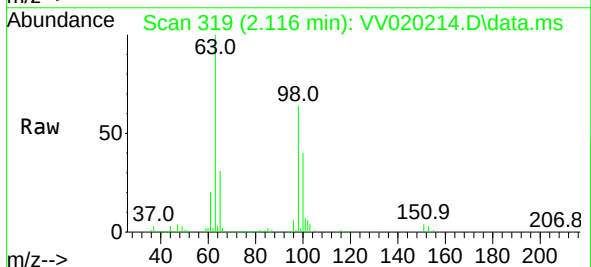
RT: 2.116 min Scan# 319

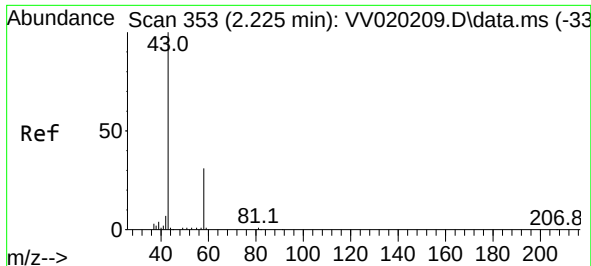
Delta R.T. 0.003 min

Lab File: VV020214.D

Acq: 28 Jan 2021 15:20

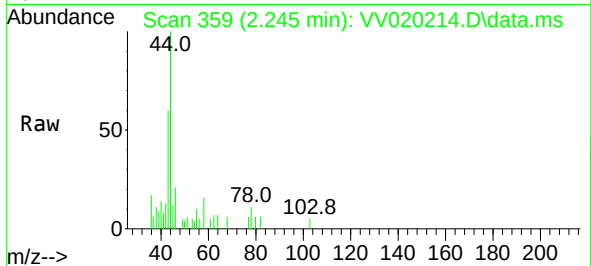
Tgt Ion:	96	Resp:	8595
Ion Ratio	Lower	Upper	
96	100		
61	301.8	131.5	244.1#
63	1543.9	95.2	176.8#





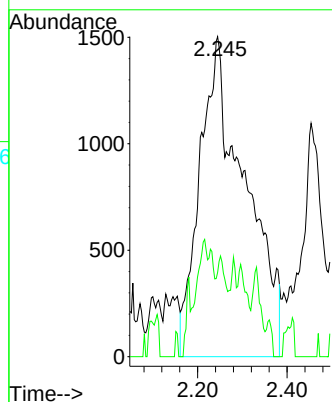
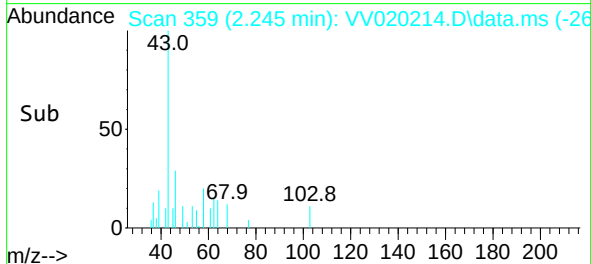
#13
Acetone
Concen: 2.64 ug/L m
RT: 2.245 min Scan# 359
Delta R.T. 0.019 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01



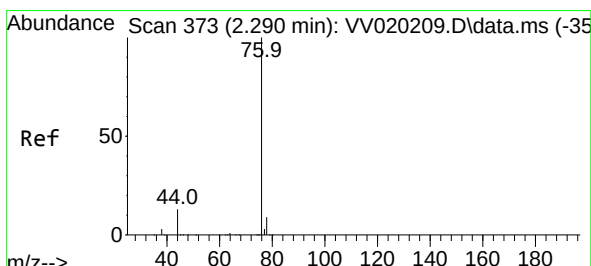
Tgt Ion: 43 Resp: 10505
Ion Ratio Lower Upper
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58 1.3 0.0 31.4

Manual Integrations
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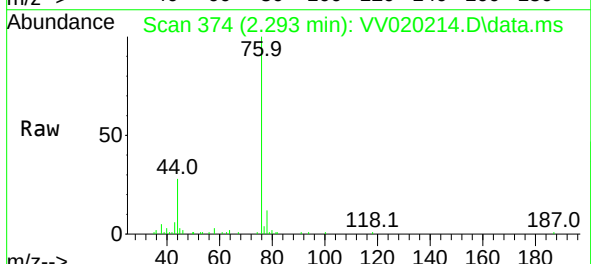


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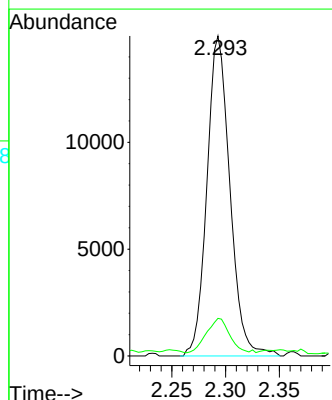
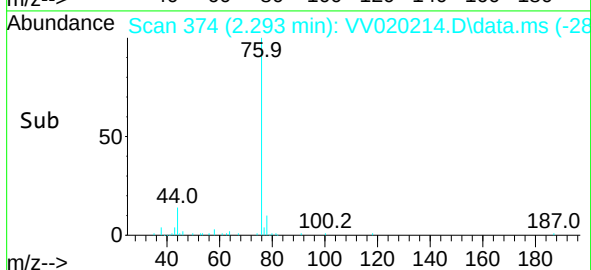
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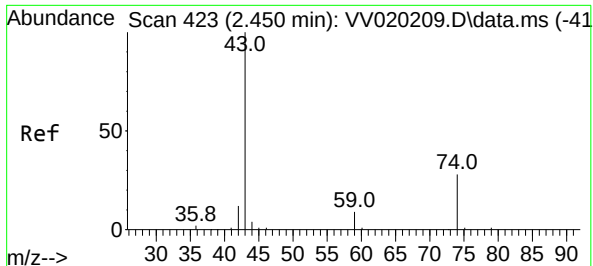


#14
Carbon disulfide
Concen: 0.22 ug/L
RT: 2.293 min Scan# 374
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20



Tgt Ion: 76 Resp: 22308
Ion Ratio Lower Upper
76 100
78 11.8 7.2 10.8#



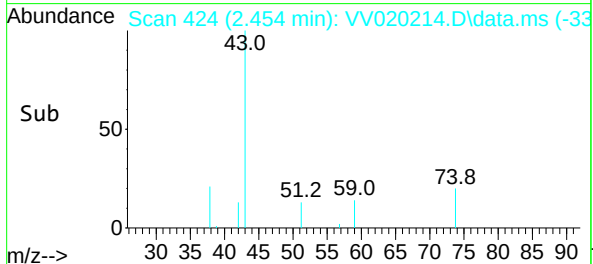
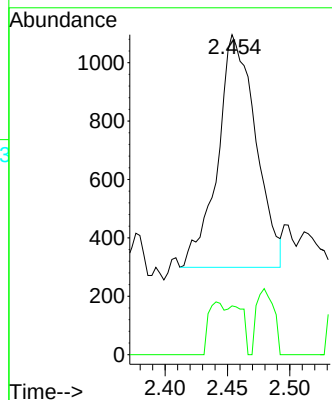
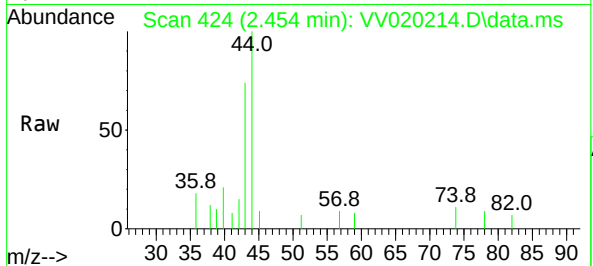


#15
Methyl Acetate
Concen: 0.14 ug/L
RT: 2.454 min Scan# 424
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion: 43 Resp: 1694
Ion Ratio Lower Upper
43 100
74 11.1 10.6 16.0

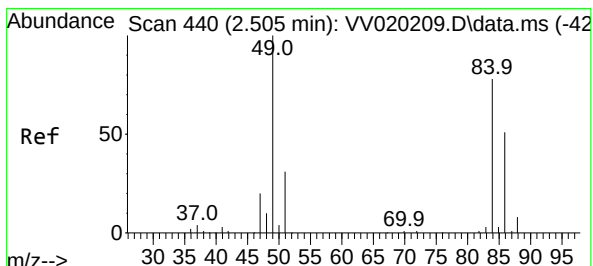
Instrument :
MSVOA_V
ClientSampleId :
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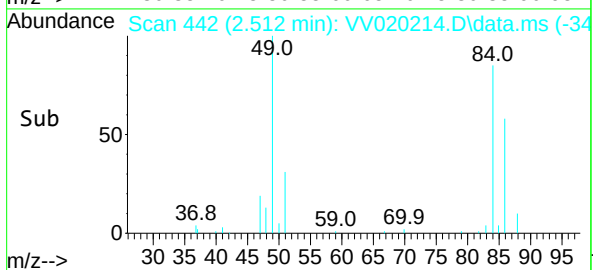
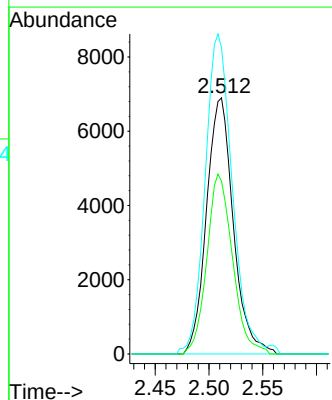
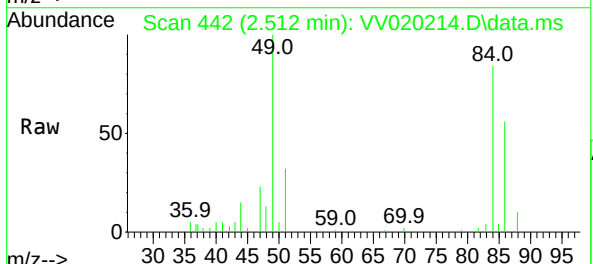
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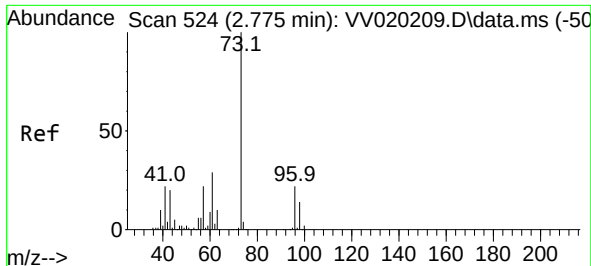
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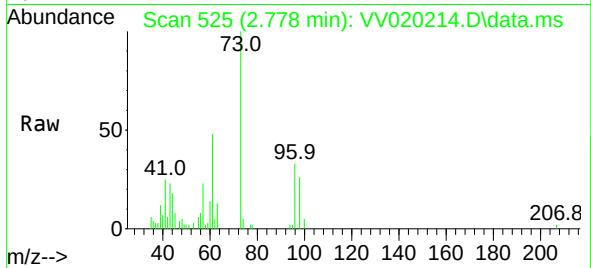
#16
Methylene chloride
Concen: 0.33 ug/L
RT: 2.512 min Scan# 442
Delta R.T. 0.007 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion: 84 Resp: 11957
Ion Ratio Lower Upper
84 100
86 67.5 42.8 79.4
49 119.6 93.9 174.3

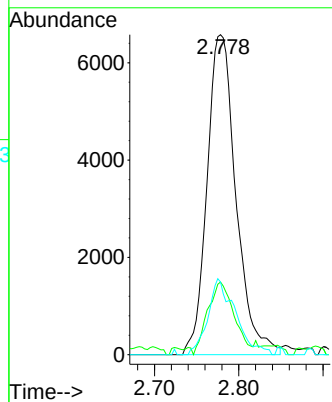
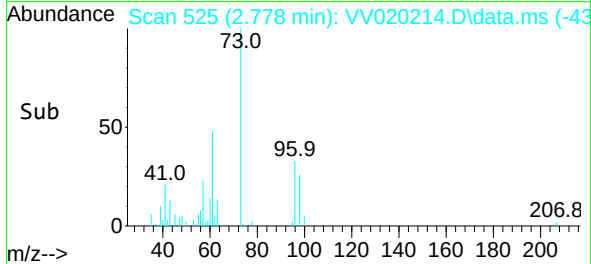




#17
Methyl tert-butyl Ether
Concen: 0.21 ug/L
RT: 2.778 min Scan# 525
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20



Tgt Ion: 73 Resp: 15702
Ion Ratio Lower Upper
73 100
43 20.9 17.0 25.6
57 22.7 18.2 27.4

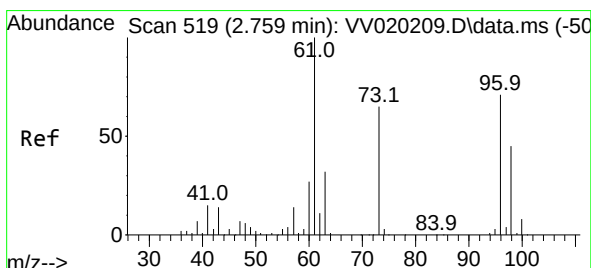


Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01

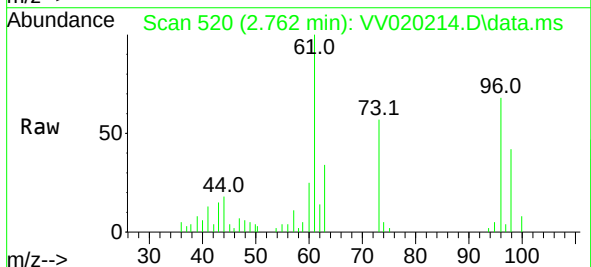
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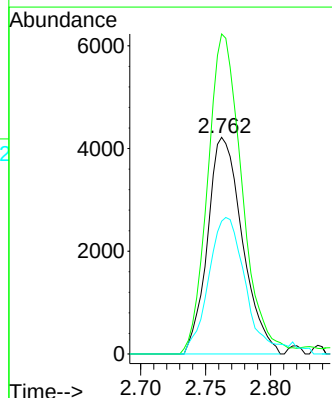
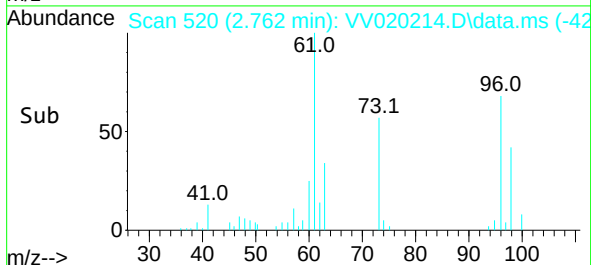
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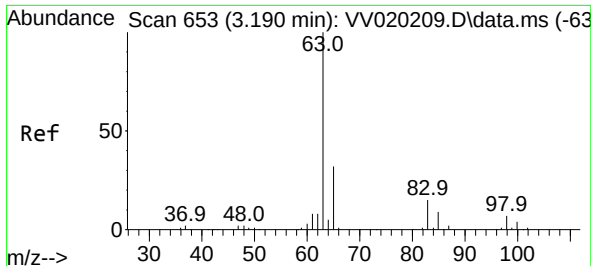


#18
trans-1,2-Dichloroethene
Concen: 0.22 ug/L
RT: 2.762 min Scan# 520
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20



Tgt Ion: 96 Resp: 7859
Ion Ratio Lower Upper
96 100
61 147.8 106.3 197.3
98 61.3 44.7 82.9





#19

1,1-Dichloroethane

Concen: 0.22 ug/L

RT: 3.200 min Scan# 656

Delta R.T. 0.010 min

Lab File: VV020214.D

Acq: 28 Jan 2021 15:20

Tgt Ion:	63	Resp:	13993
Ion	Ratio	Lower	Upper
63	100		
65	31.3	21.8	40.6
83	12.0	9.0	16.8

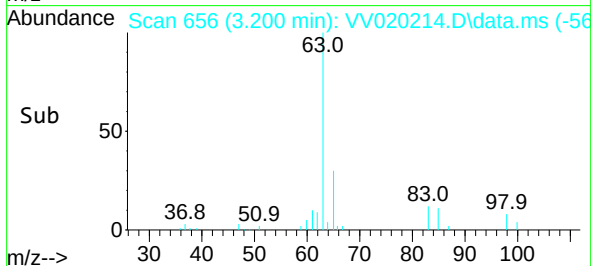
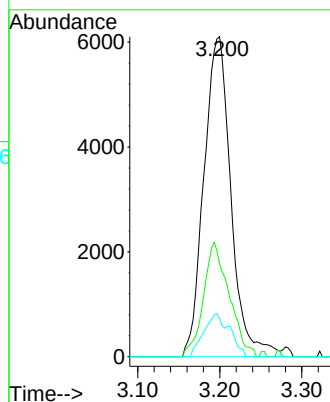
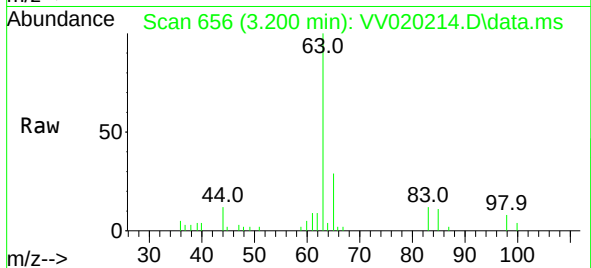
Instrument :

MSVOA_V

ClientSampleId :

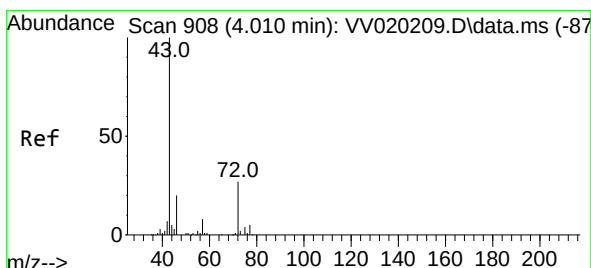
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2/1/2021 1:51:10 PM



#21

2-Butanone

Concen: 1.92 ug/L m

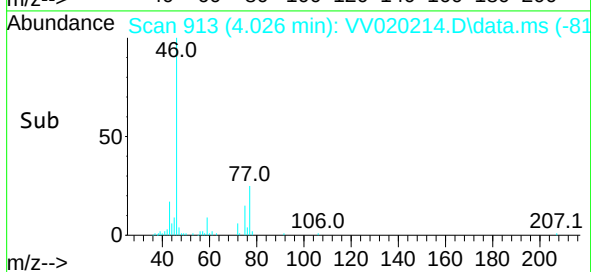
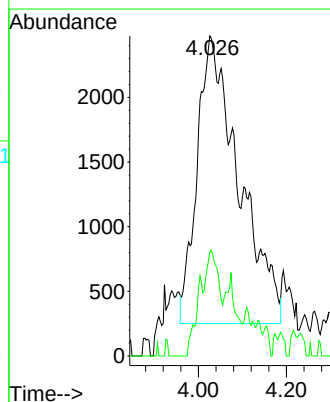
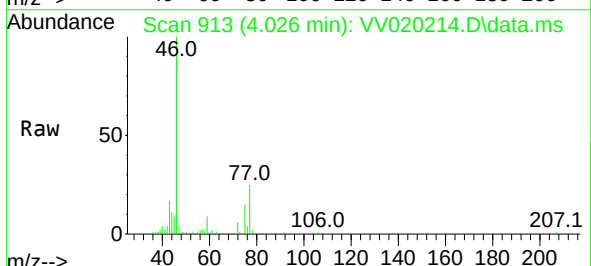
RT: 4.026 min Scan# 913

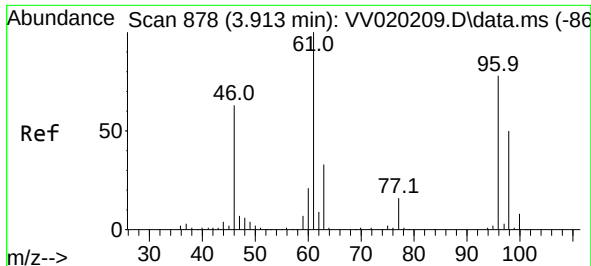
Delta R.T. 0.016 min

Lab File: VV020214.D

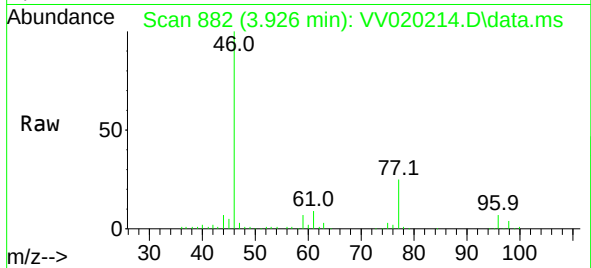
Acq: 28 Jan 2021 15:20

Tgt Ion:	43	Resp:	14633
Ion	Ratio	Lower	Upper
43	100		
72	11.9	10.9	32.7

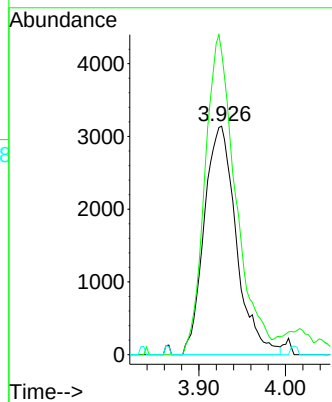
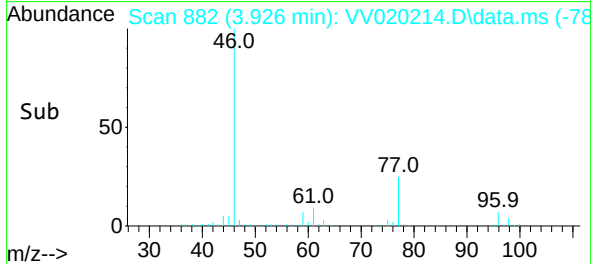




#22
cis-1,2-Dichloroethene
Concen: 0.22 ug/L
RT: 3.926 min Scan# 882
Delta R.T. 0.013 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20



Tgt Ion: 96 Resp: 8085
Ion Ratio Lower Upper
96 100
61 132.4 98.1 182.3
68 0.0 0.0 0.0

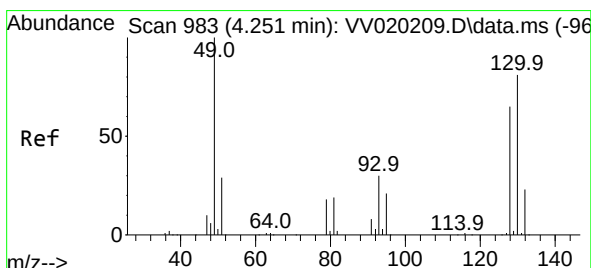


Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01

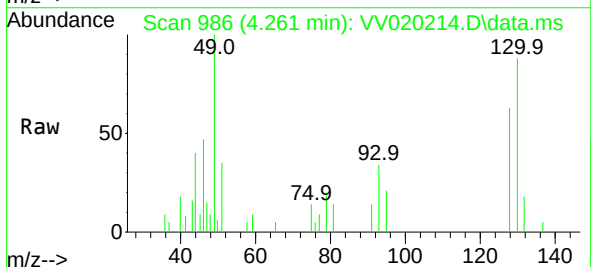
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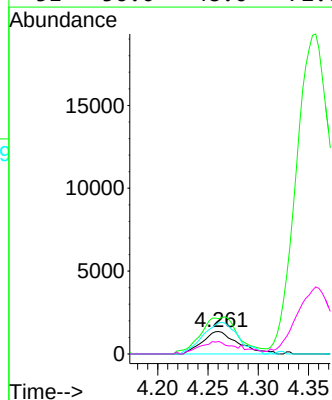
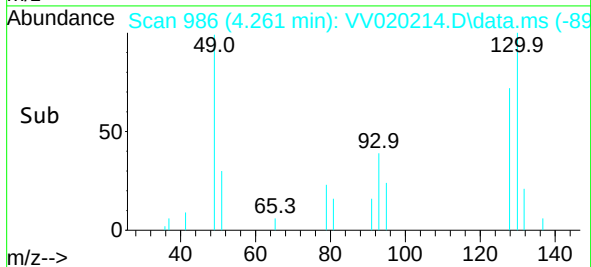
2/1/2021 1:51:10 PM

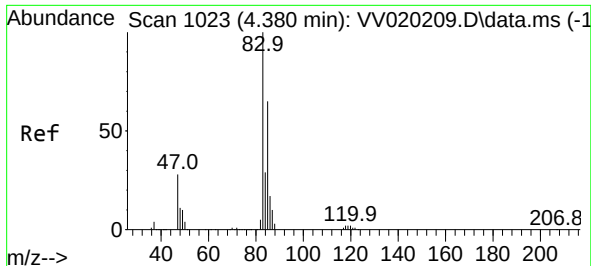


#23
Bromochloromethane
Concen: 0.21 ug/L
RT: 4.261 min Scan# 986
Delta R.T. 0.010 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20



Tgt Ion: 128 Resp: 3354
Ion Ratio Lower Upper
128 100
49 167.3 132.6 246.2
130 138.7 86.4 160.4
51 56.0 48.0 72.0



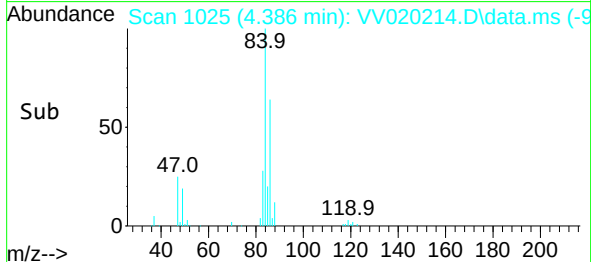
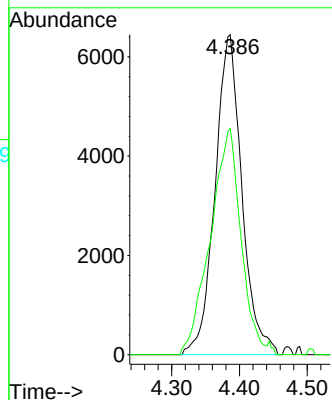
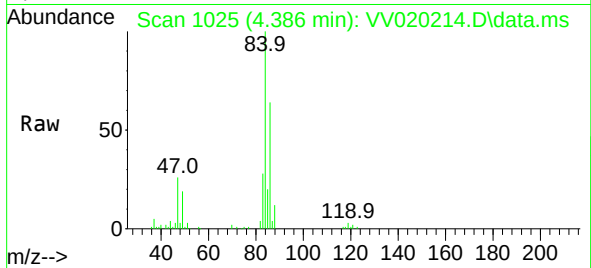


#25
Chloroform
Concen: 0.27 ug/L
RT: 4.386 min Scan# 1025
Delta R.T. 0.007 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion: 83 Resp: 17750
Ion Ratio Lower Upper
83 100
85 70.7 46.4 86.2

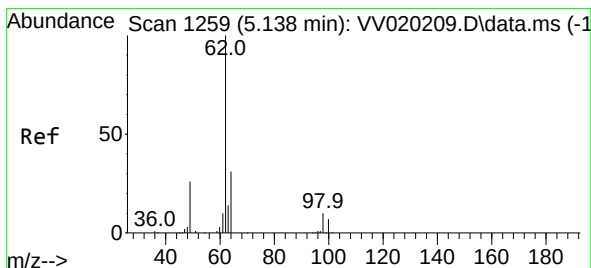
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01

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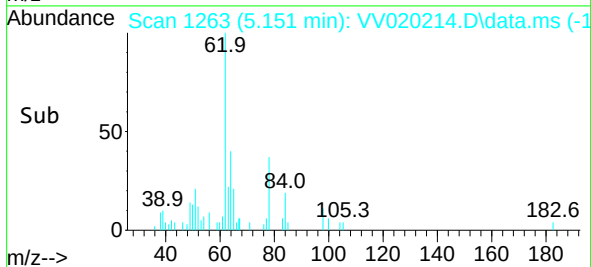
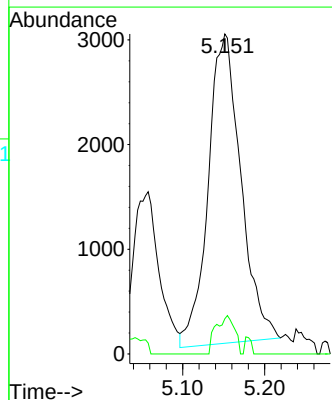
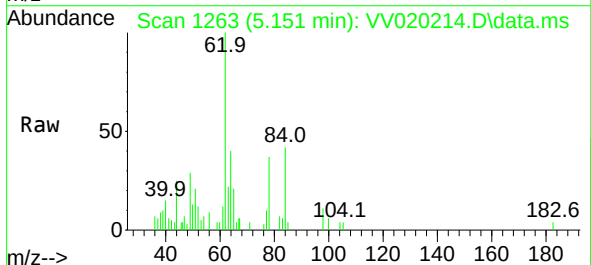
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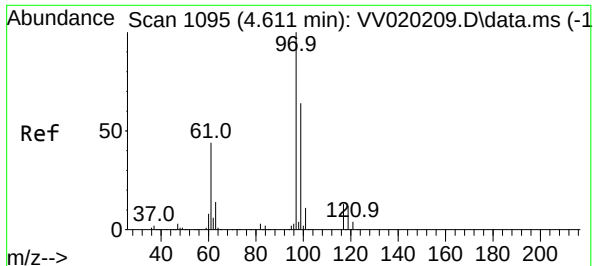
2/1/2021 1:51:10 PM



#27
1,2-Dichloroethane
Concen: 0.21 ug/L
RT: 5.151 min Scan# 1263
Delta R.T. 0.013 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion: 62 Resp: 8185
Ion Ratio Lower Upper
62 100
98 11.0 7.6 11.4





#29

1,1,1-Trichloroethane

Concen: 0.23 ug/L

RT: 4.618 min Scan# 1097

Delta R.T. 0.007 min

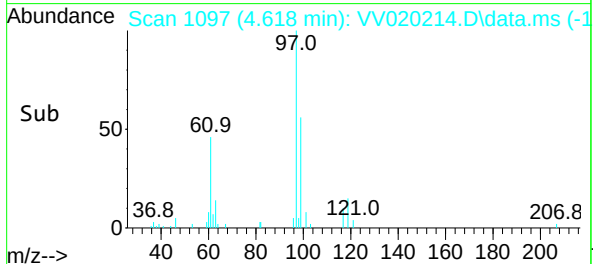
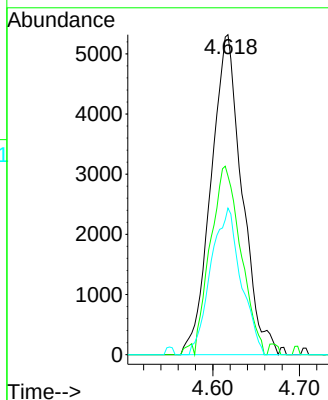
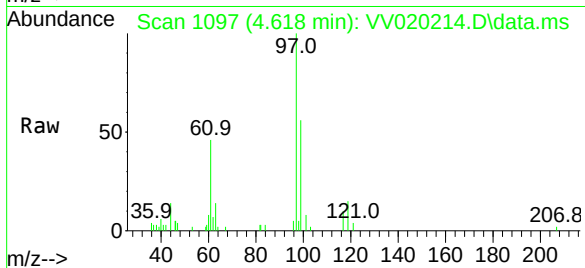
Lab File: VV020214.D

Acq: 28 Jan 2021 15:20

Tgt Ion:	97	Resp:	13213
Ion	Ratio	Lower	Upper
97	100		
99	58.7	51.1	76.7
61	44.6	38.6	57.8

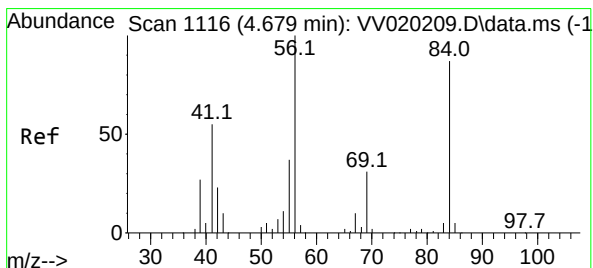
Instrument :
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ClientSampleId :
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2/1/2021 1:51:10 PM



#30

Cyclohexane

Concen: 0.22 ug/L

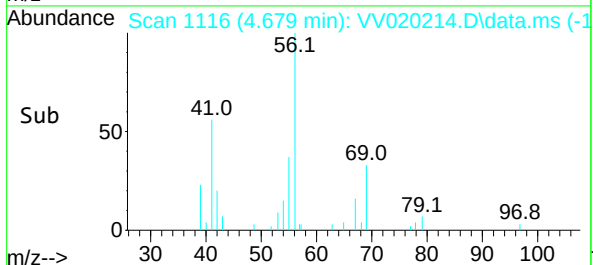
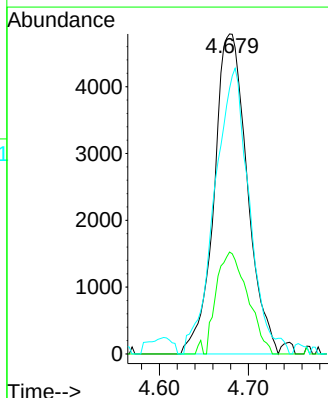
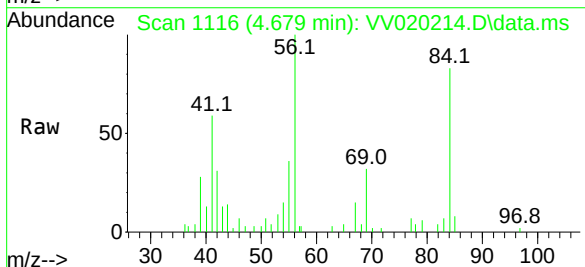
RT: 4.679 min Scan# 1116

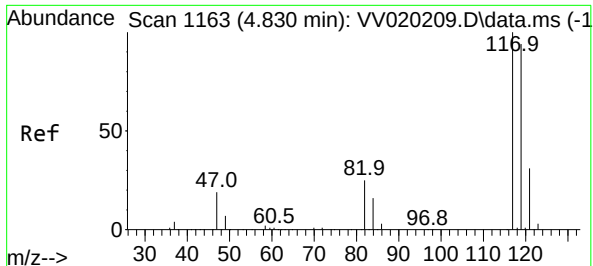
Delta R.T. 0.000 min

Lab File: VV020214.D

Acq: 28 Jan 2021 15:20

Tgt Ion:	56	Resp:	12355
Ion	Ratio	Lower	Upper
56	100		
69	30.1	24.1	36.1
84	93.0	66.8	100.2



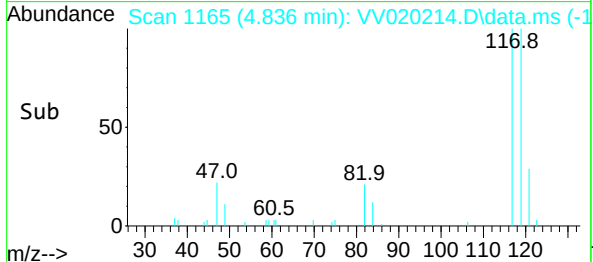
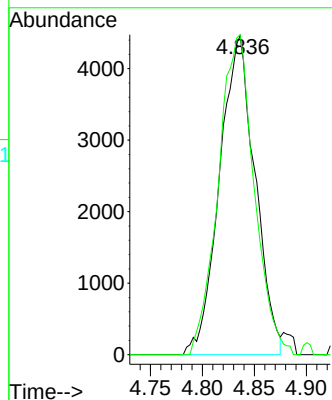
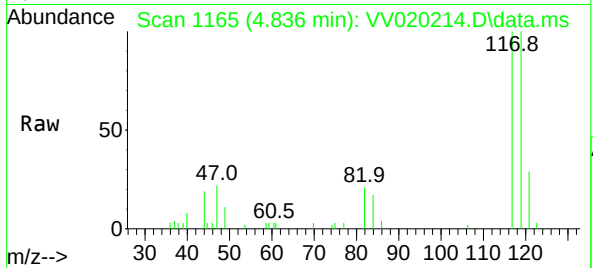


#31
Carbon tetrachloride
Concen: 0.21 ug/L
RT: 4.836 min Scan# 1165
Delta R.T. 0.007 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion: 117 Resp: 10600
Ion Ratio Lower Upper
117 100
119 101.2 76.0 114.0

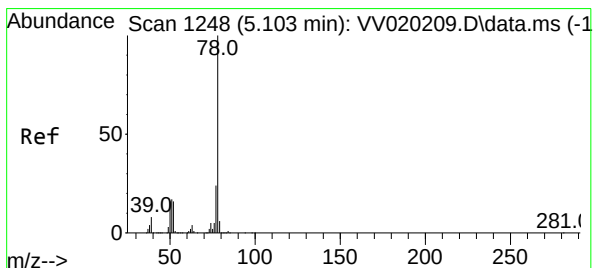
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01

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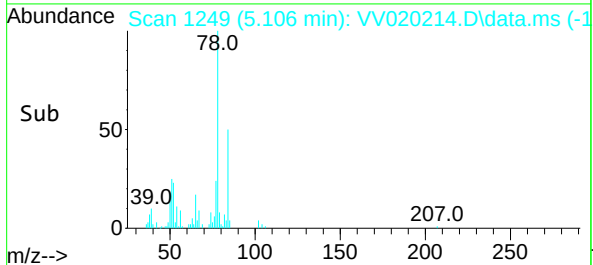
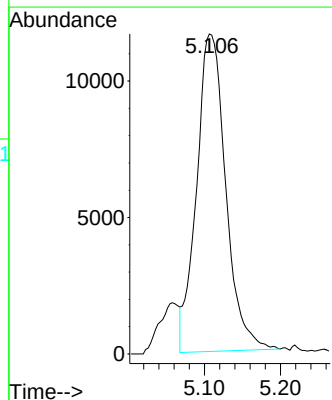
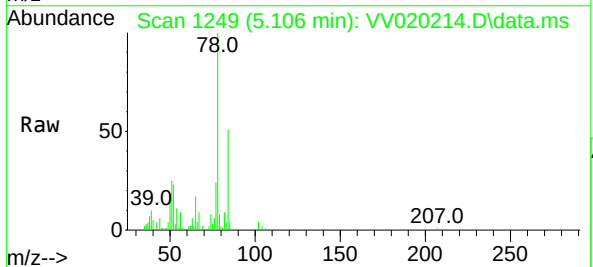
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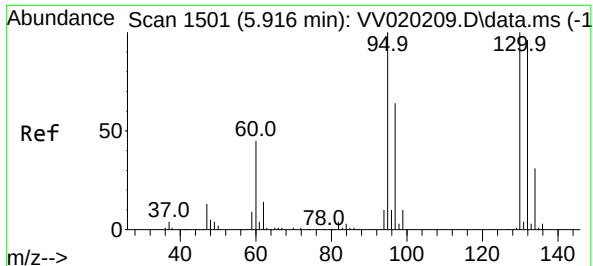
2/1/2021 1:51:10 PM



#33
Benzene
Concen: 0.22 ug/L
RT: 5.106 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion: 78 Resp: 31010



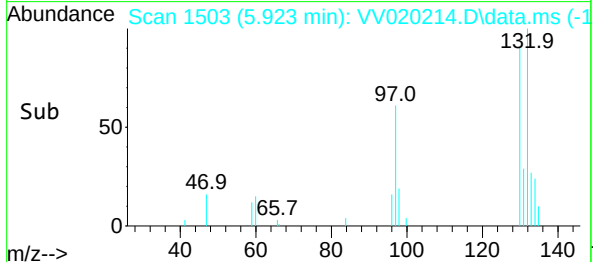
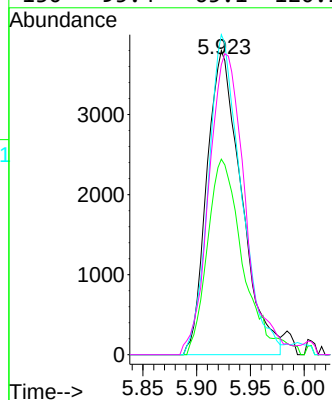
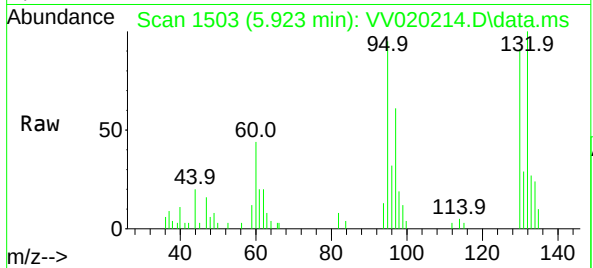


#34
Trichloroethene
Concen: 0.22 ug/L
RT: 5.923 min Scan# 1503
Delta R.T. 0.007 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion:	95	Resp:	8477
Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.1	81.9
132	105.3	61.2	113.8
130	95.4	65.1	120.9

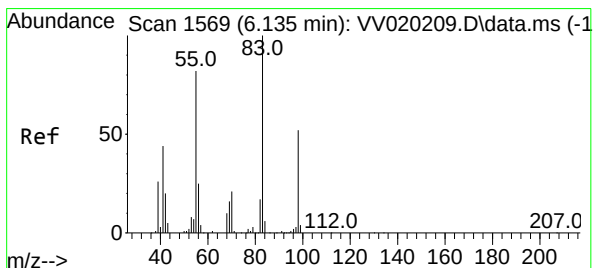
Instrument :
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ClientSampleId :
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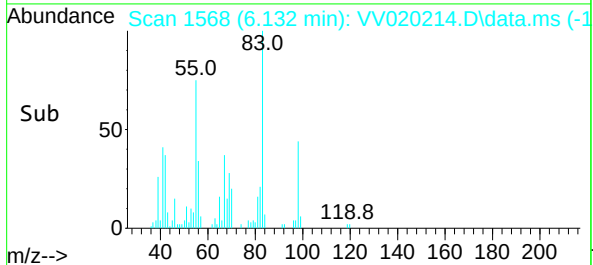
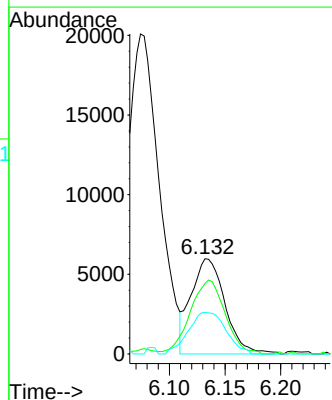
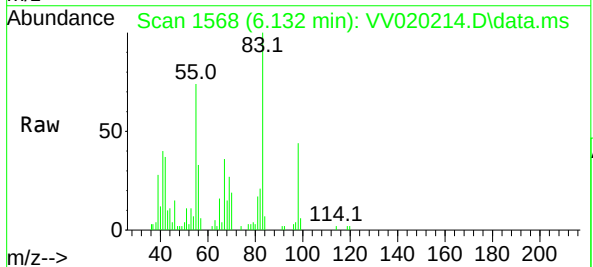
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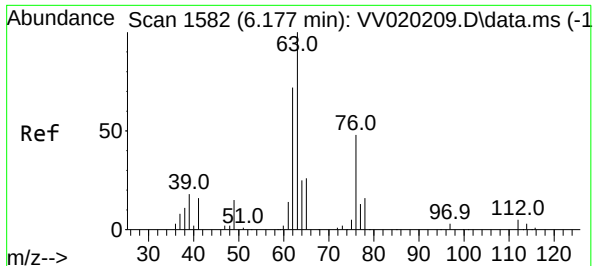
2/1/2021 1:51:10 PM



#35
Methylcyclohexane
Concen: 0.22 ug/L
RT: 6.132 min Scan# 1568
Delta R.T. -0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion:	83	Resp:	12687
Ion	Ratio	Lower	Upper
83	100		
55	79.9	67.5	101.3
98	48.3	38.6	58.0



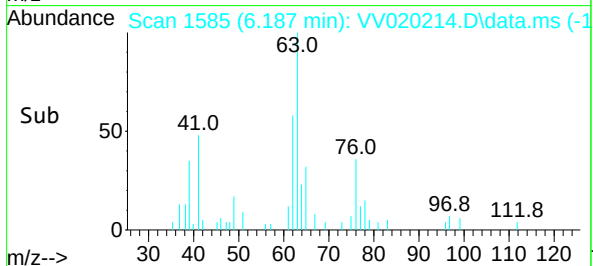
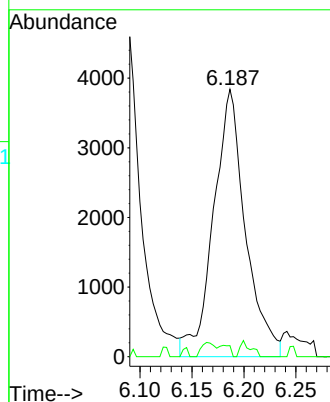
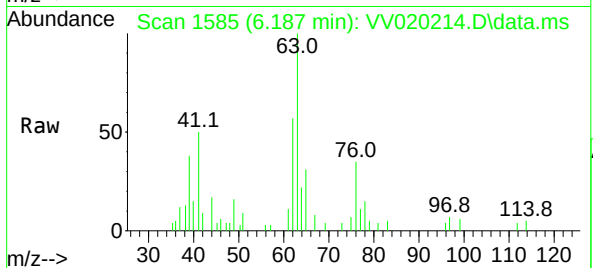


#37
1,2-Dichloropropane
Concen: 0.24 ug/L
RT: 6.187 min Scan# 1585
Delta R.T. 0.010 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion: 63 Resp: 8166
Ion Ratio Lower Upper
63 100
112 1.5 3.6 5.4#

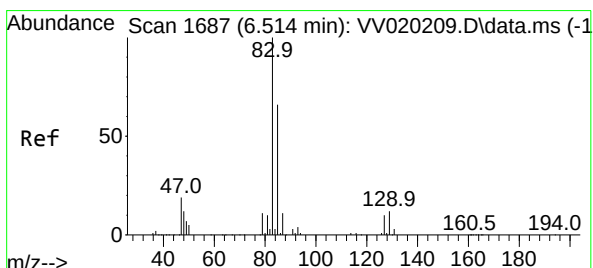
Instrument :
MSVOA_V
ClientSampleId :
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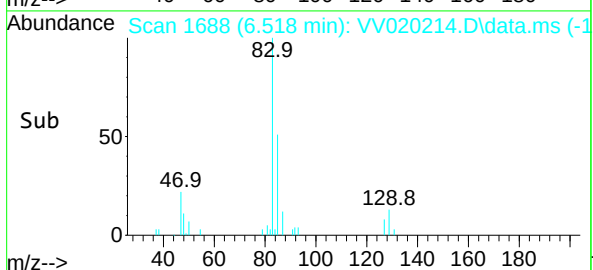
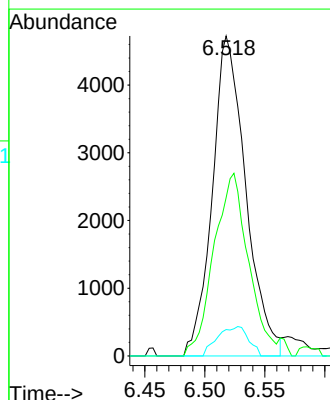
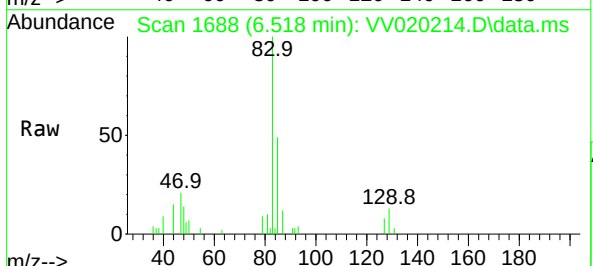
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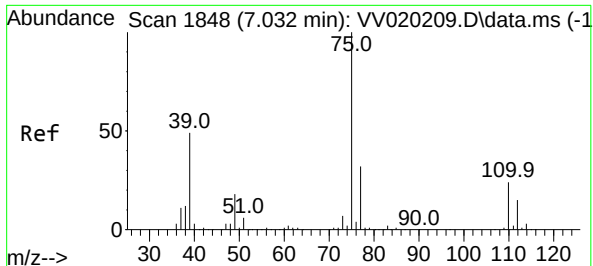
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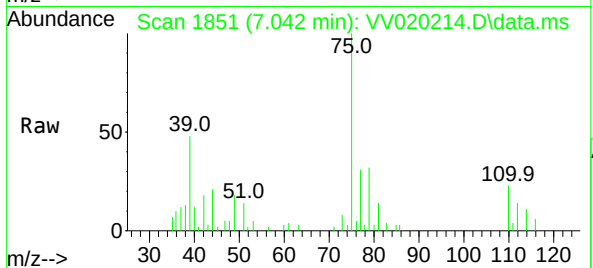
#38
Bromodichloromethane
Concen: 0.21 ug/L
RT: 6.518 min Scan# 1688
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion: 83 Resp: 9157
Ion Ratio Lower Upper
83 100
85 49.4 45.9 85.3
127 8.3 6.2 9.2

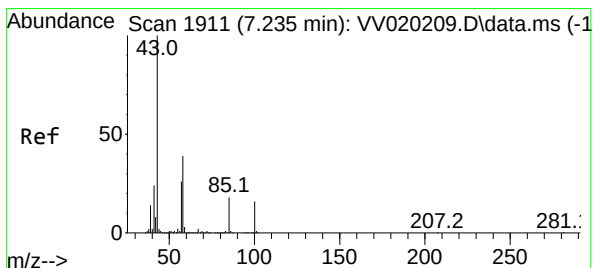
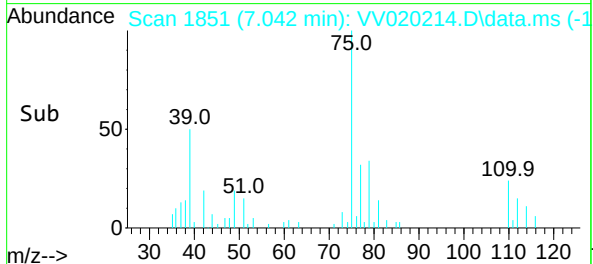
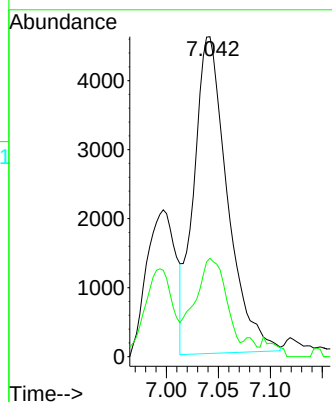




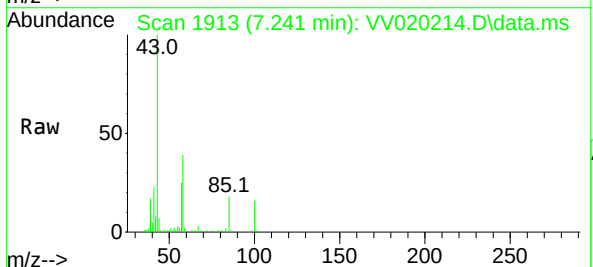
#39
cis-1,3-Dichloropropene
Concen: 0.22 ug/L
RT: 7.042 min Scan# 1851
Delta R.T. 0.010 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20



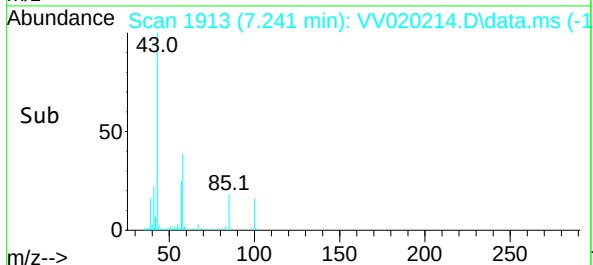
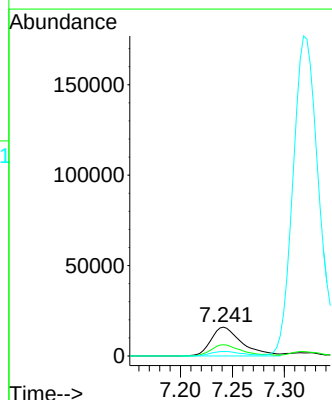
Tgt Ion: 75 Resp: 10288
Ion Ratio Lower Upper
75 100
77 30.8 21.0 39.0



#40
4-Methyl-2-pentanone
Concen: 1.77 ug/L
RT: 7.241 min Scan# 1913
Delta R.T. 0.007 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20



Tgt Ion: 43 Resp: 33067
Ion Ratio Lower Upper
43 100
58 38.6 30.0 45.0
100 0.0 11.4 17.0#

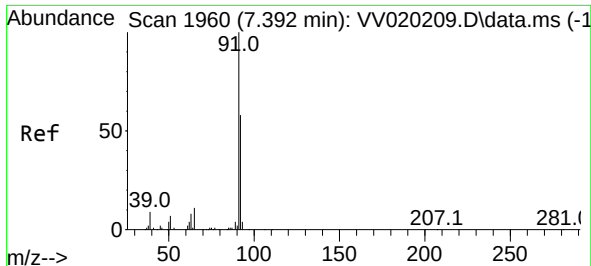


Instrument :
MSVOA_V
ClientSampleId :
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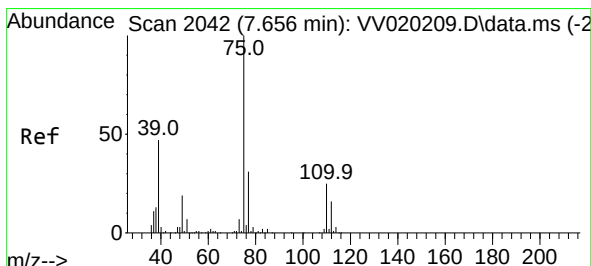
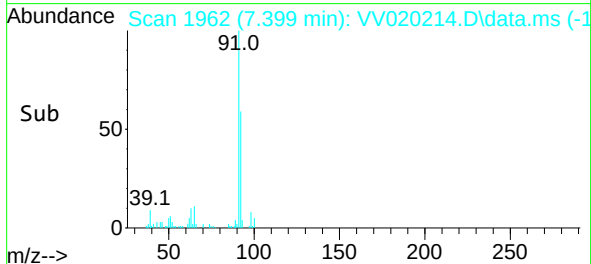
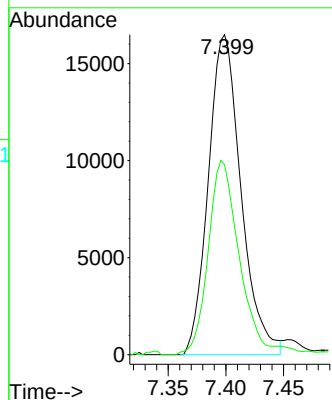
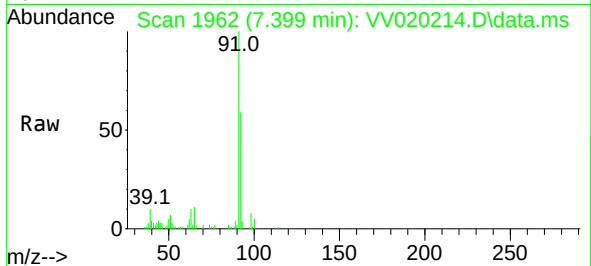
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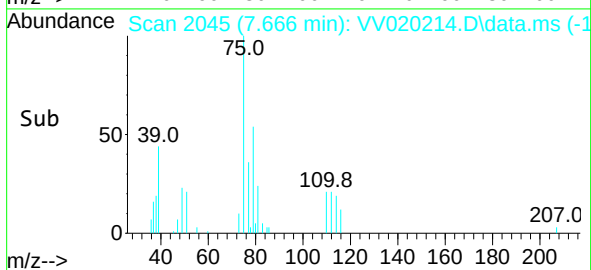
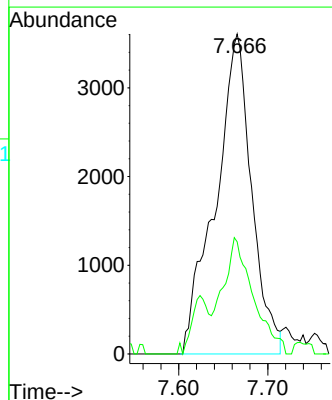
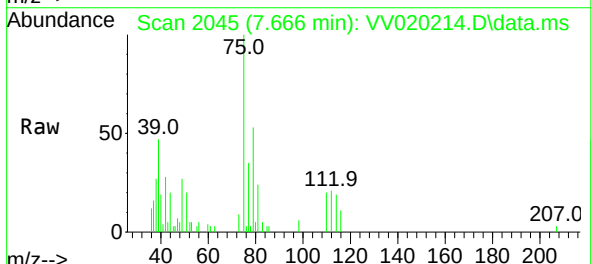
#42
Toluene
Concen: 0.22 ug/L
RT: 7.399 min Scan# 1962
Delta R.T. 0.007 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion: 91 Resp: 32477
Ion Ratio Lower Upper
91 100
92 59.4 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 0.26 ug/L
RT: 7.666 min Scan# 2045
Delta R.T. 0.010 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion: 75 Resp: 10169
Ion Ratio Lower Upper
75 100
77 35.0 21.1 39.3

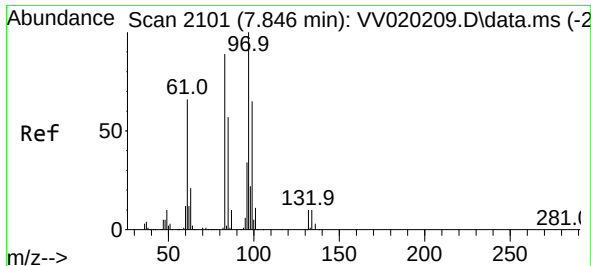


Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01

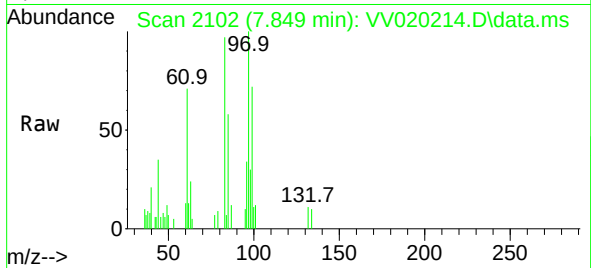
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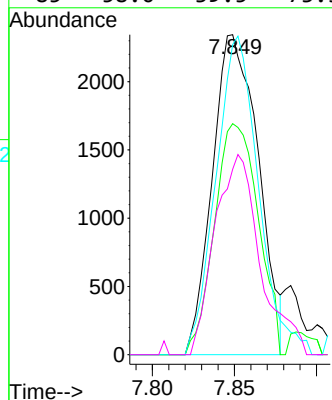
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#45
1,1,2-Trichloroethane
Concen: 0.19 ug/L
RT: 7.849 min Scan# 2102
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20



Tgt Ion: 97	Resp: 4553
Ion Ratio	Lower Upper
97 100	
99 72.2	42.4 78.8
83 96.9	59.4 110.4
85 58.0	39.5 73.3

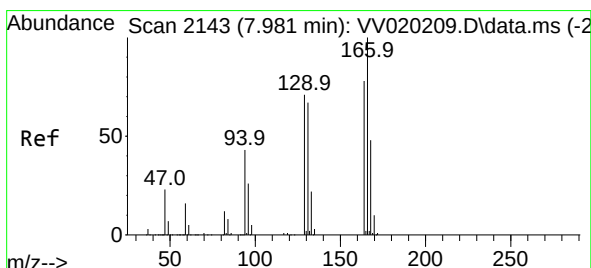


Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01

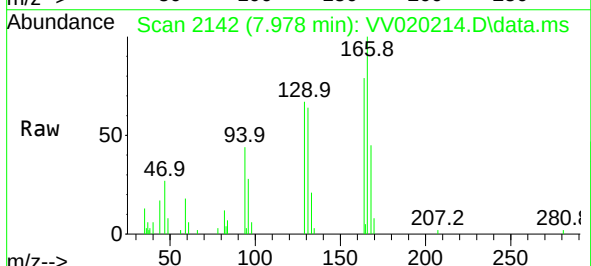
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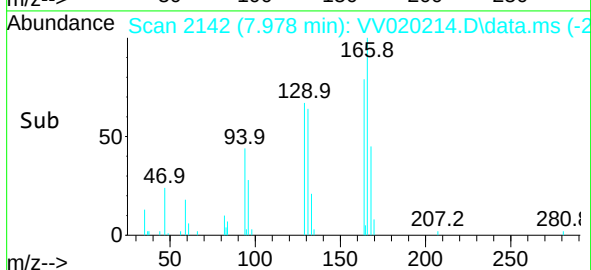
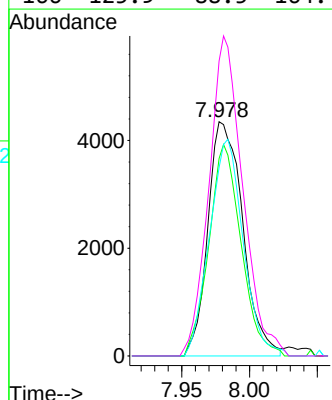
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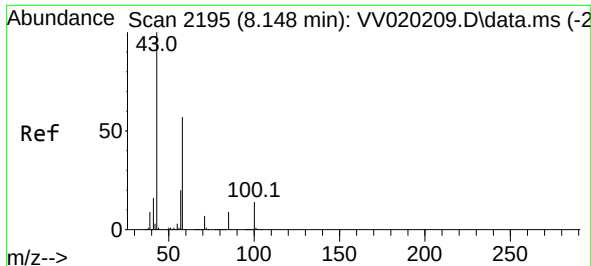


#47
Tetrachloroethene
Concen: 0.24 ug/L
RT: 7.978 min Scan# 2142
Delta R.T. -0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20



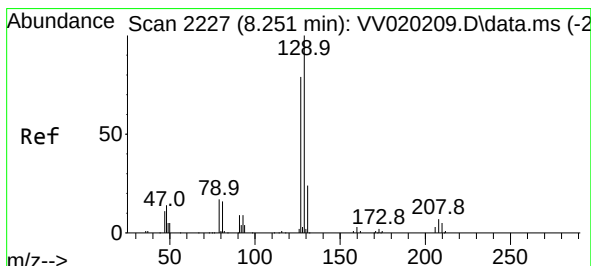
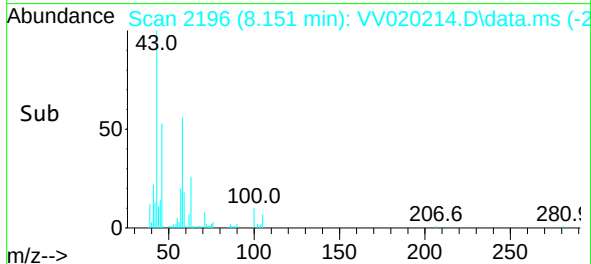
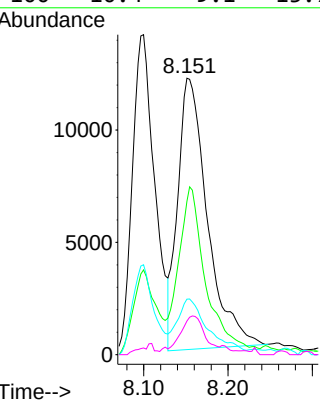
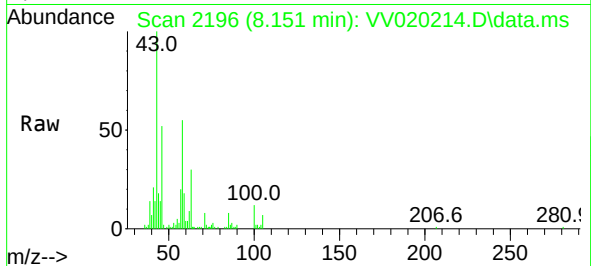
Tgt Ion:164	Resp: 7769
Ion Ratio	Lower Upper
164 100	
129 84.3	72.1 133.9
131 80.5	68.9 127.9
166 125.9	88.5 164.4





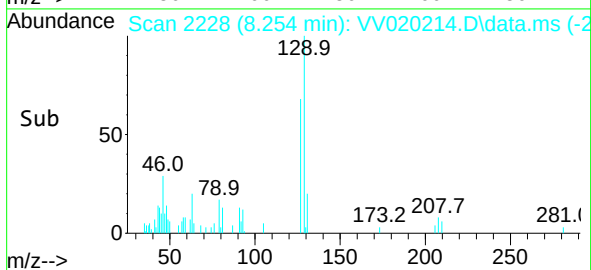
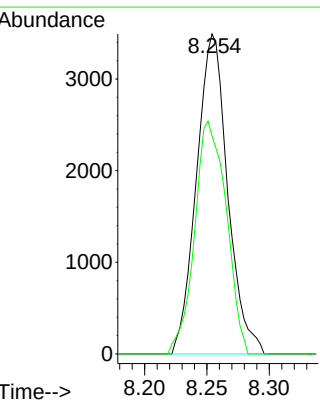
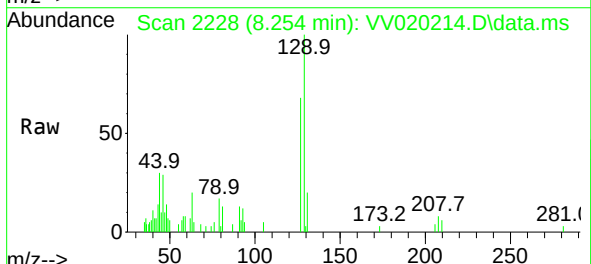
#48
2-Hexanone
Concen: 2.28 ug/L
RT: 8.151 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion: 43	Resp: 29551
Ion Ratio	Lower Upper
43 100	
58 54.4	42.4 63.6
57 19.7	14.8 22.2
100 10.4	9.1 13.7



#49
Dibromochloromethane
Concen: 0.22 ug/L
RT: 8.254 min Scan# 2228
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion:129	Resp: 6085		
Ion Ratio	Lower	Upper	
129 100			
127 68.1	55.0	102.2	

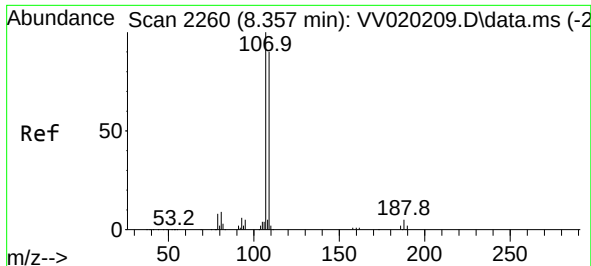


Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01

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2/1/2021 1:51:10 PM



#50

1,2-Dibromoethane

Concen: 0.22 ug/L

RT: 8.363 min Scan# 2262

Delta R.T. 0.007 min

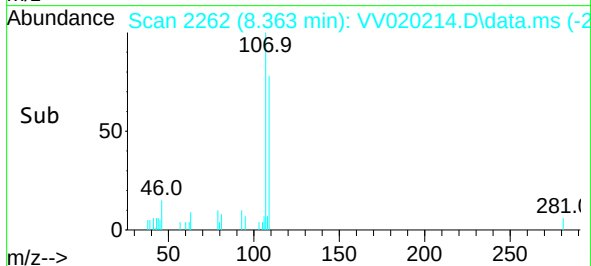
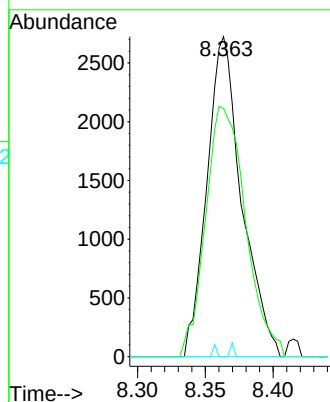
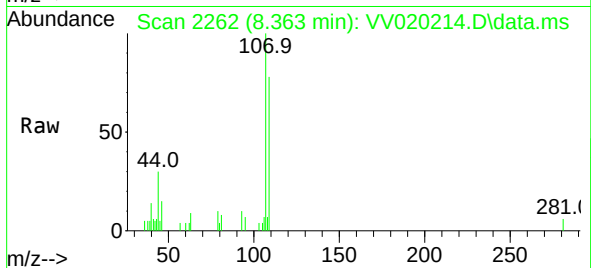
Lab File: VV020214.D

Acq: 28 Jan 2021 15:20

Tgt Ion:	107	Resp:	4865
Ion Ratio	Lower	Upper	
107	100		
109	77.6	63.8	118.4
188	0.0	2.5	3.7#

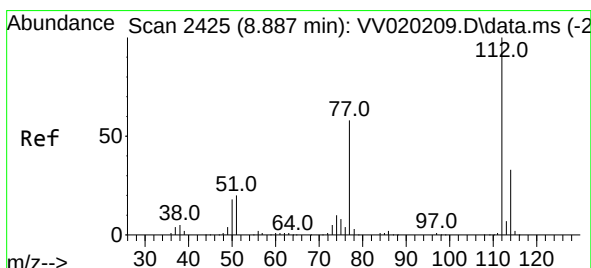
Instrument :
MSVOA_V
ClientSampleId :
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2/1/2021 1:51:10 PM



#51

Chlorobenzene

Concen: 0.22 ug/L

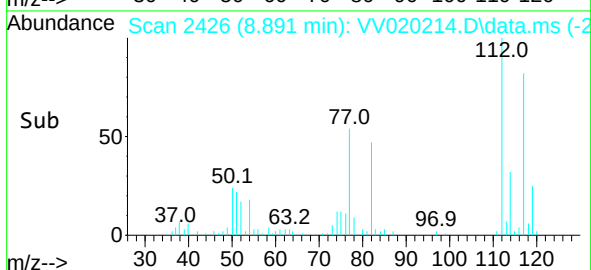
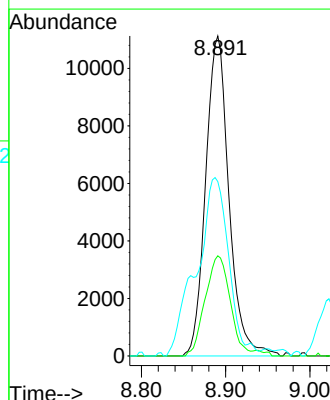
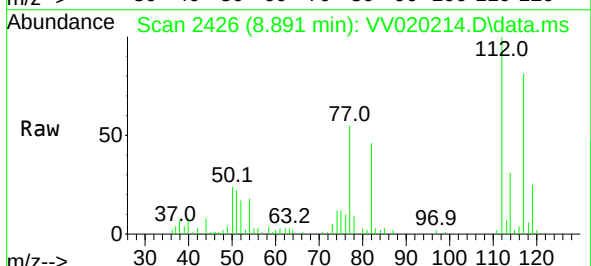
RT: 8.891 min Scan# 2426

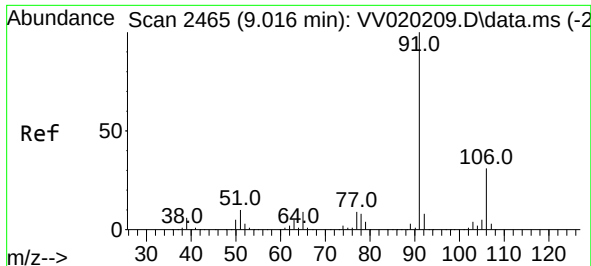
Delta R.T. 0.003 min

Lab File: VV020214.D

Acq: 28 Jan 2021 15:20

Tgt Ion:	112	Resp:	21397
Ion Ratio	Lower	Upper	
112	100		
114	31.3	21.8	40.6
77	54.5	51.0	76.4



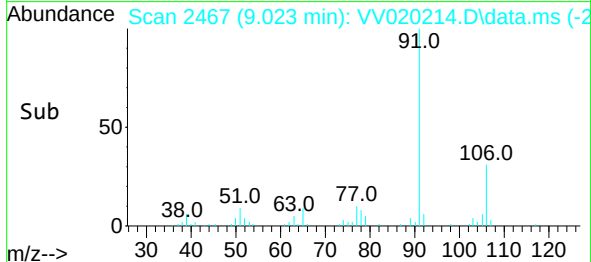
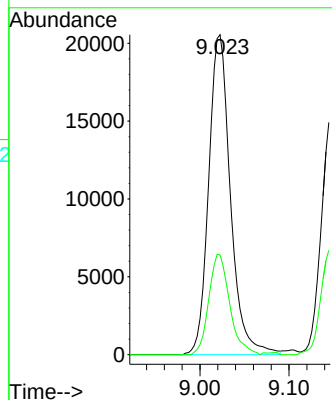
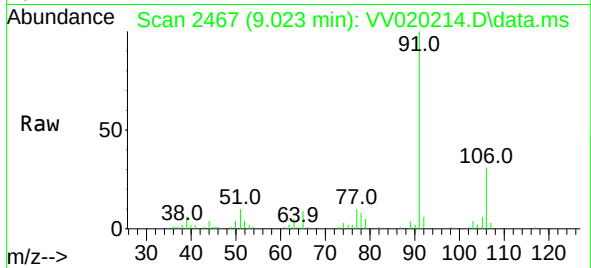


#52
Ethylbenzene
Concen: 0.21 ug/L
RT: 9.023 min Scan# 2467
Delta R.T. 0.007 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion: 91 Resp: 34864
Ion Ratio Lower Upper
91 100
106 31.2 20.9 38.7

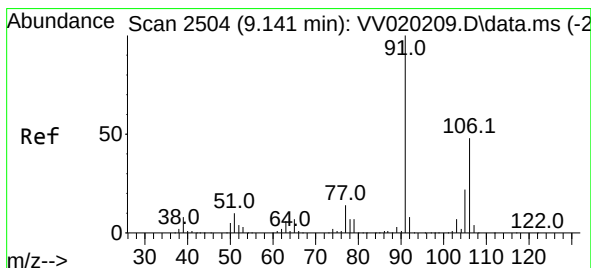
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MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01

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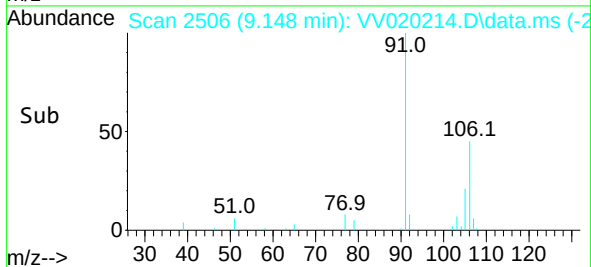
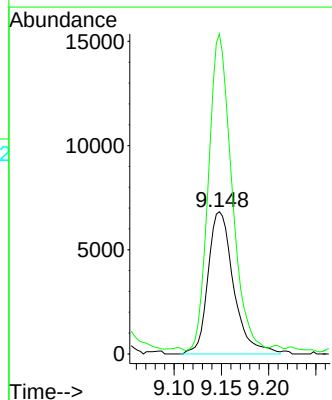
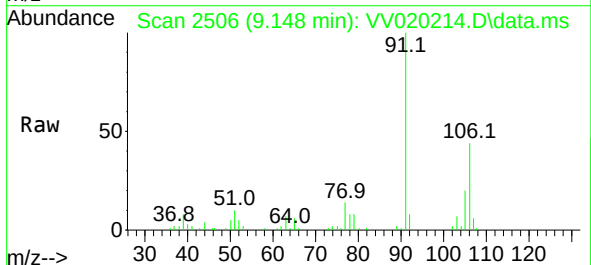
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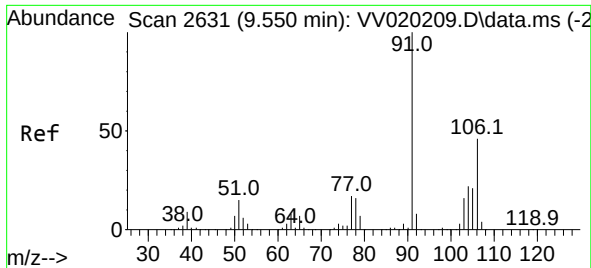
2/1/2021 1:51:10 PM



#53
m,p-xylene
Concen: 0.21 ug/L
RT: 9.148 min Scan# 2506
Delta R.T. 0.007 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion: 106 Resp: 12832
Ion Ratio Lower Upper
106 100
91 224.9 147.1 273.1



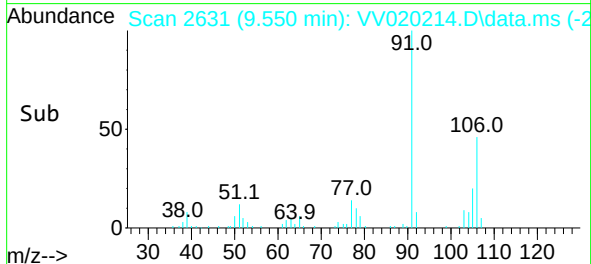
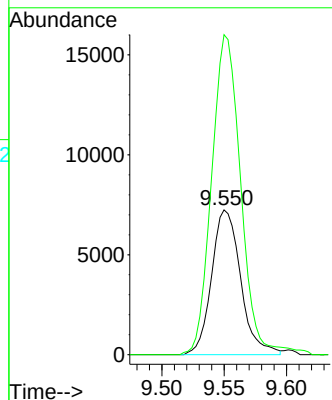
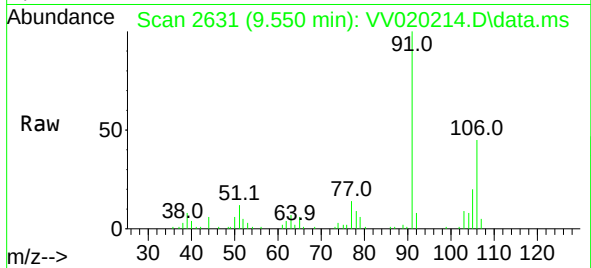


#54
o-xylene
Concen: 0.20 ug/L
RT: 9.550 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion:106 Resp: 11775
Ion Ratio Lower Upper
106 100
91 221.0 155.8 289.3

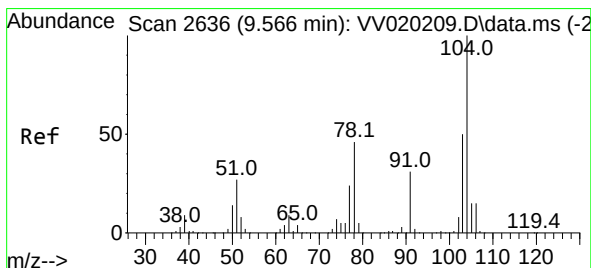
Instrument :
MSVOA_V
ClientSampleId :
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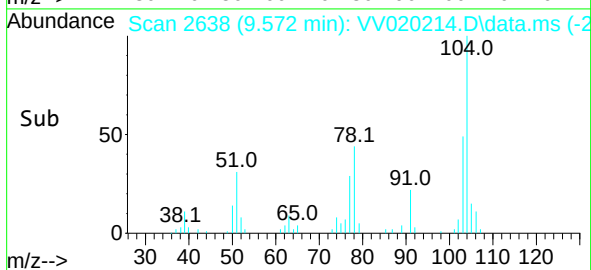
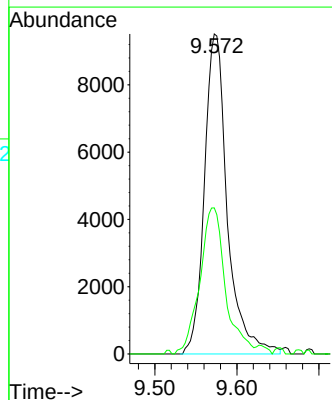
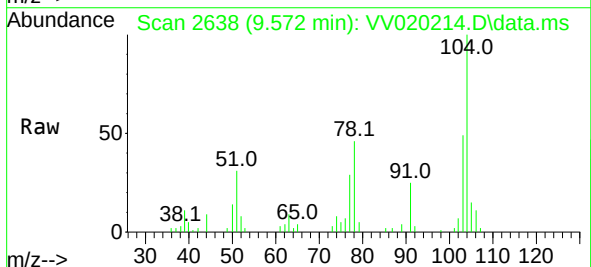
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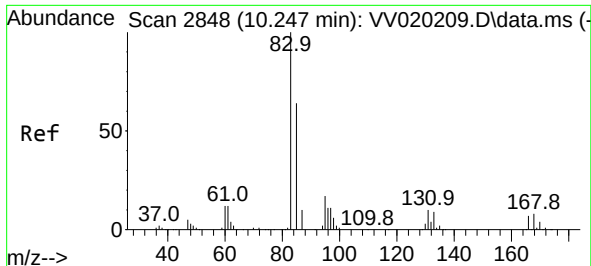
2/1/2021 1:51:10 PM



#55
Styrene
Concen: 0.18 ug/L
RT: 9.572 min Scan# 2638
Delta R.T. 0.007 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion:104 Resp: 18436
Ion Ratio Lower Upper
104 100
78 45.7 33.7 62.7



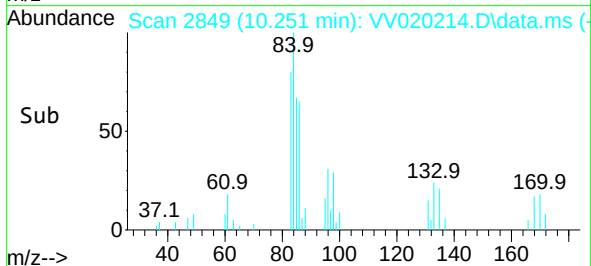
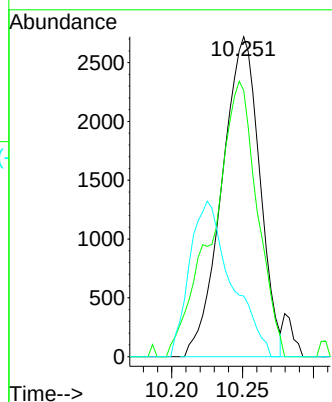
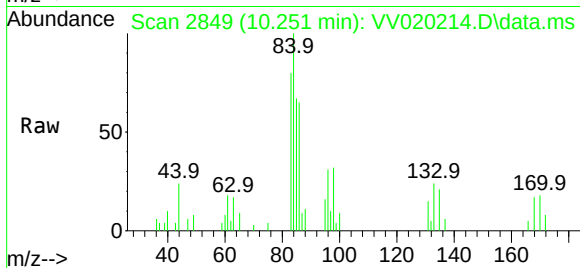


#57
1,1,2,2-Tetrachloroethane
Concen: 0.20 ug/L
RT: 10.251 min Scan# 2849
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion: 83 Resp: 5045
Ion Ratio Lower Upper
83 100
85 83.2 44.3 82.3#
131 18.9 7.4 11.2#

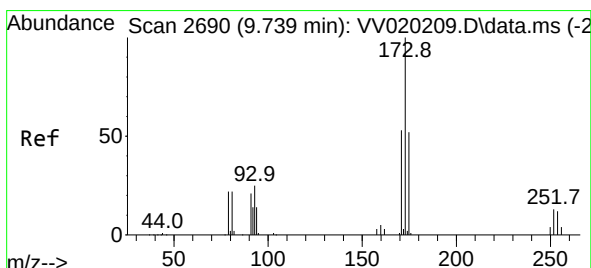
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01

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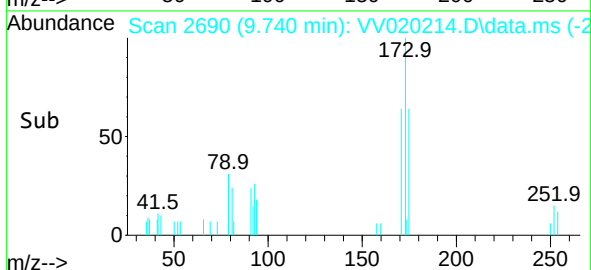
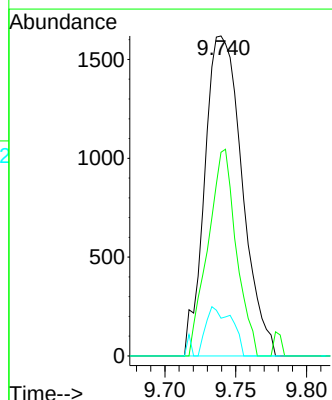
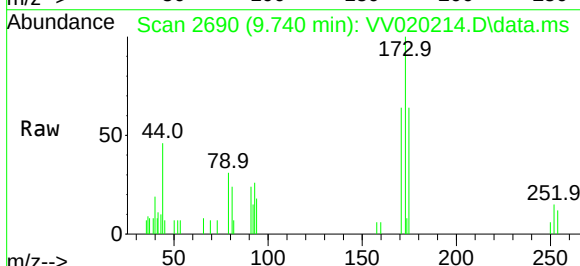
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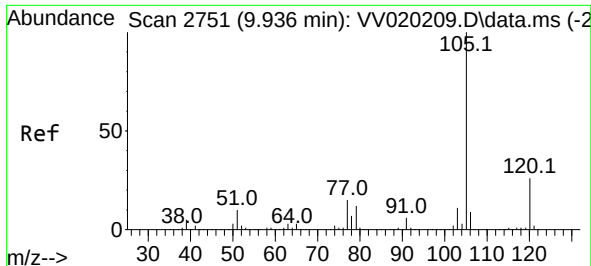
2/1/2021 1:51:10 PM



#59
Bromoform
Concen: 0.20 ug/L
RT: 9.740 min Scan# 2690
Delta R.T. 0.000 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion: 173 Resp: 2973
Ion Ratio Lower Upper
173 100
175 48.8 38.3 57.5
254 10.6 6.4 9.6#



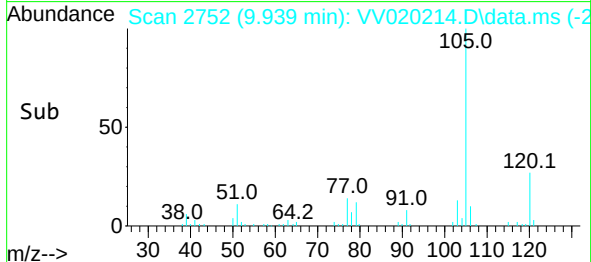
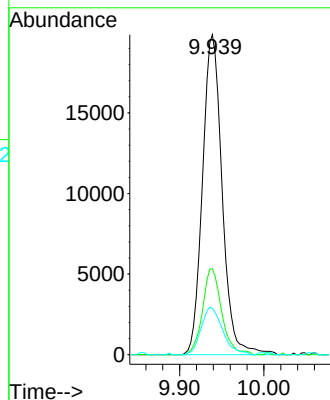
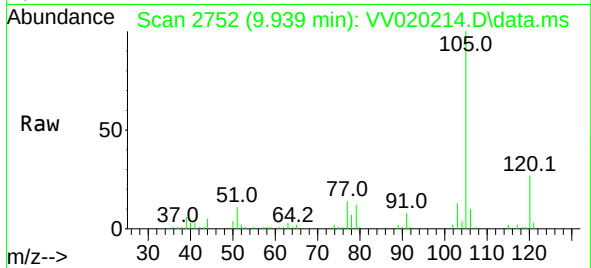


#60
Isopropylbenzene
Concen: 0.22 ug/L
RT: 9.939 min Scan# 2752
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion:	105	Resp:	32243
Ion Ratio	Lower	Upper	
105	100		
120	26.2	20.4	30.6
77	16.1	13.7	20.5

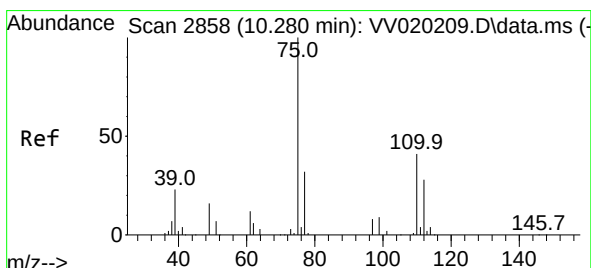
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01

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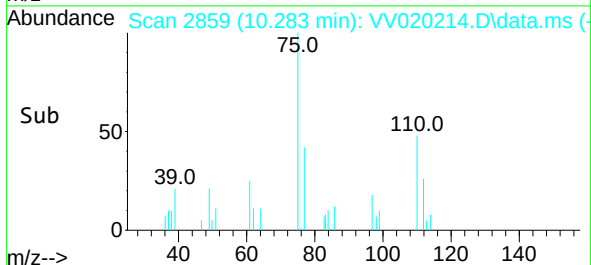
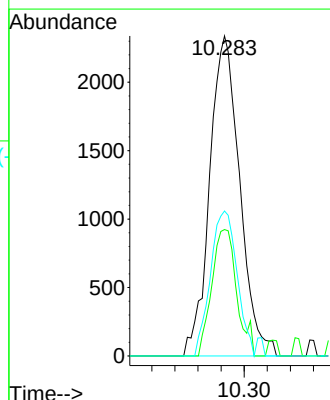
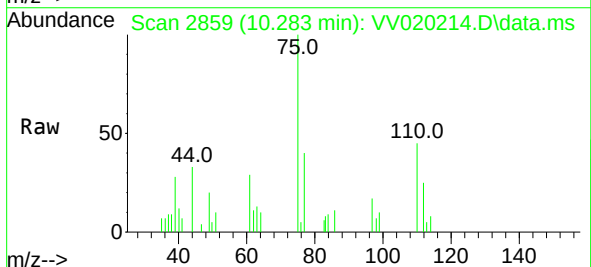
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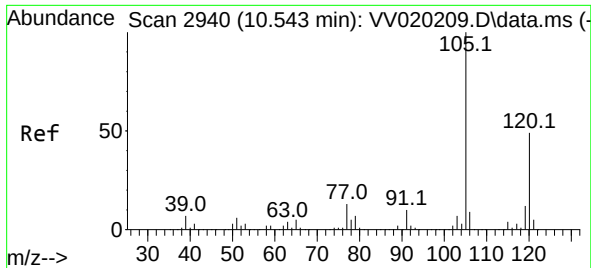
2/1/2021 1:51:10 PM



#61
1,2,3-Trichloropropane
Concen: 0.24 ug/L
RT: 10.283 min Scan# 2859
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion:	75	Resp:	4237
Ion Ratio	Lower	Upper	
75	100		
77	32.7	25.6	38.4
110	40.0	30.5	45.7



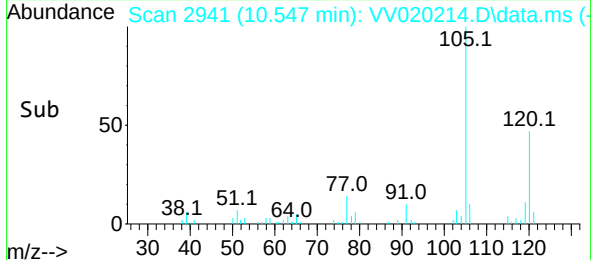
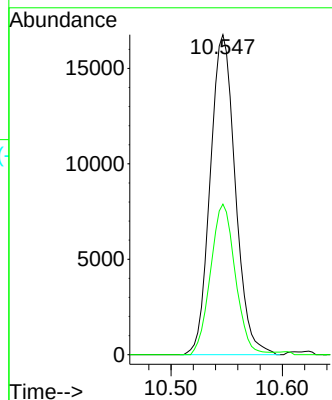
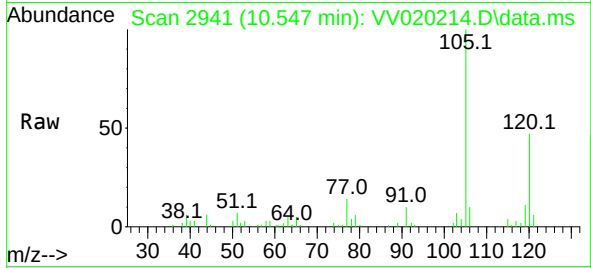


#62
1,3,5-Trimethylbenzene
Concen: 0.21 ug/L
RT: 10.547 min Scan# 2941
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion:105 Resp: 26194
Ion Ratio Lower Upper
105 100
120 46.6 37.8 56.6

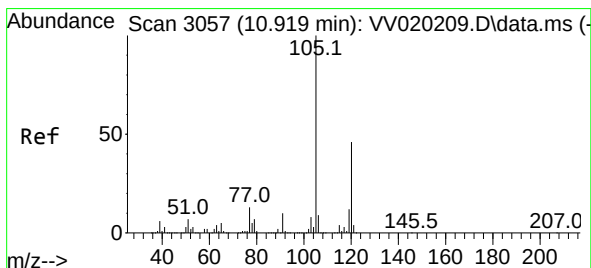
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01

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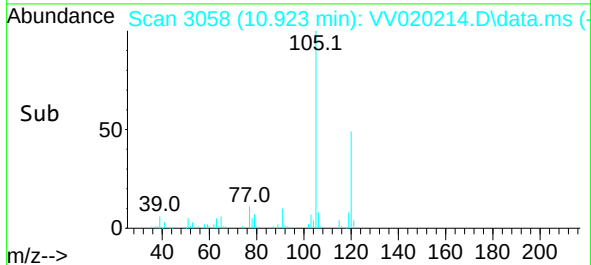
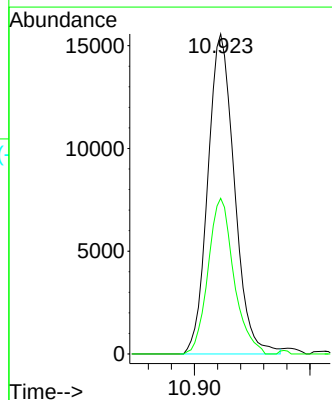
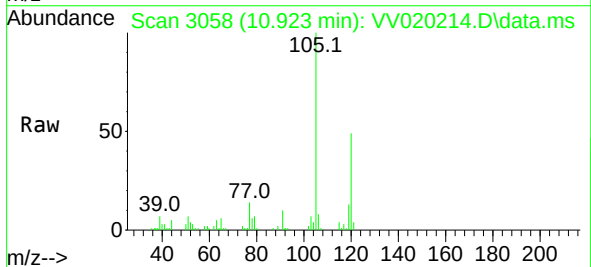
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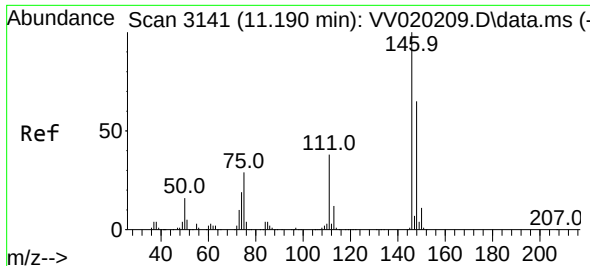
2/1/2021 1:51:10 PM



#63
1,2,4-Trimethylbenzene
Concen: 0.20 ug/L
RT: 10.923 min Scan# 3058
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion:105 Resp: 24880
Ion Ratio Lower Upper
105 100
120 47.1 34.9 52.3



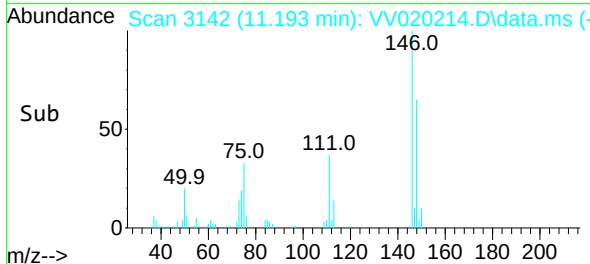
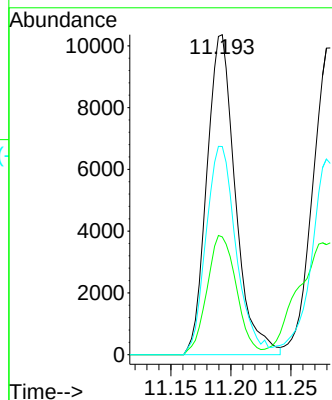
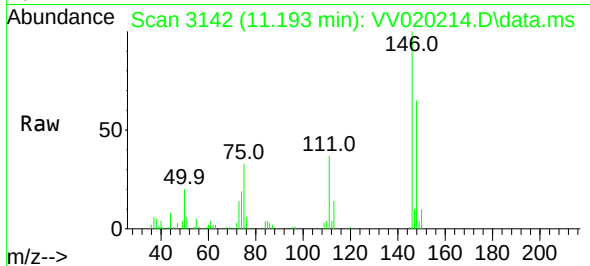


#64
1,3-Dichlorobenzene
Concen: 0.22 ug/L
RT: 11.193 min Scan# 3142
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion:146 Resp: 17124
Ion Ratio Lower Upper
146 100
111 36.8 30.4 56.5
148 65.0 45.8 85.2

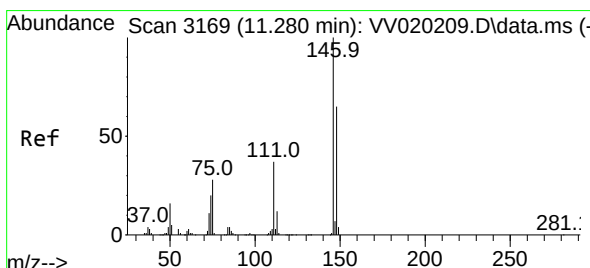
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01

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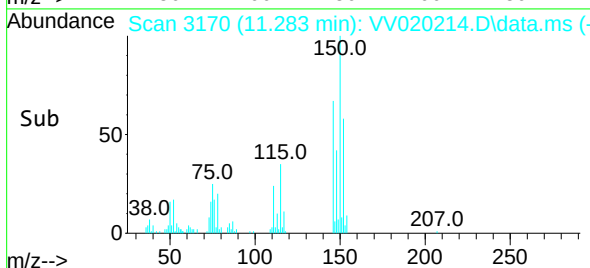
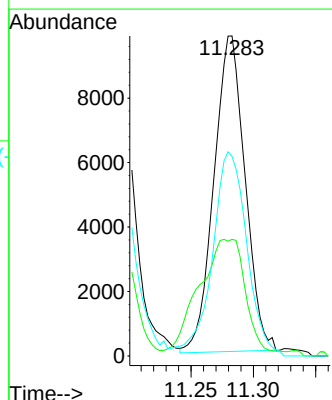
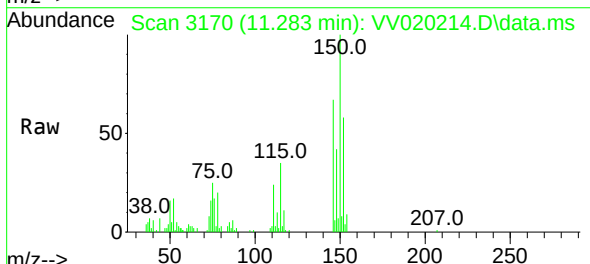
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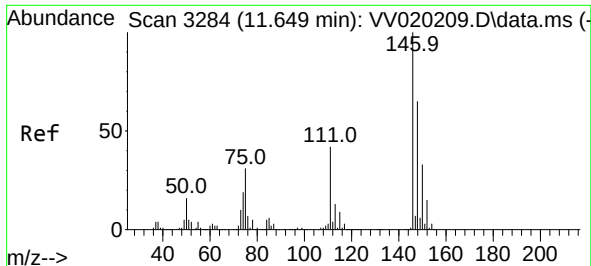
2/1/2021 1:51:10 PM



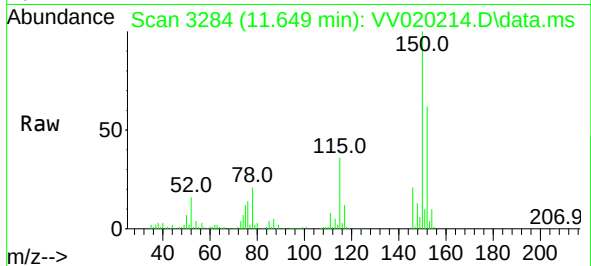
#65
1,4-Dichlorobenzene
Concen: 0.22 ug/L
RT: 11.283 min Scan# 3170
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Tgt Ion:146 Resp: 17039
Ion Ratio Lower Upper
146 100
111 36.4 29.7 55.1
148 62.4 45.1 83.7

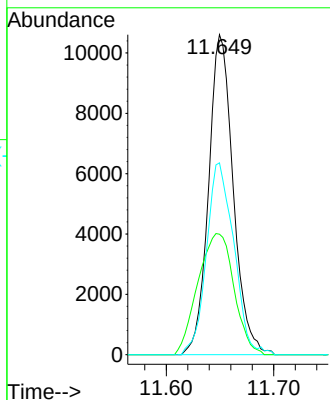
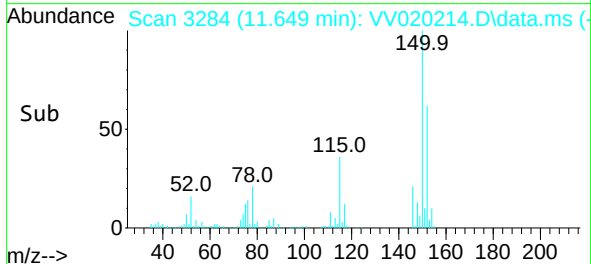




#67
1,2-Dichlorobenzene
Concen: 0.24 ug/L
RT: 11.649 min Scan# 3284
Delta R.T. 0.000 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20



Tgt Ion: 146 Resp: 16927
Ion Ratio Lower Upper
146 100
111 37.7 37.7 56.5#
148 59.9 50.6 75.8

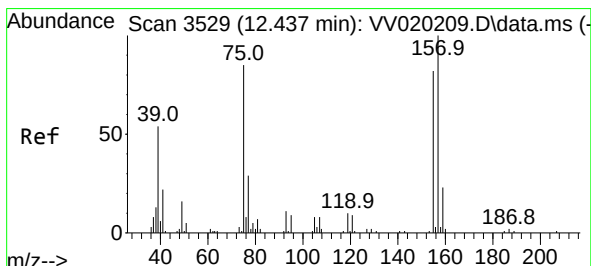


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ClientSampleId :
MDL-WATER-QT1-2021-01

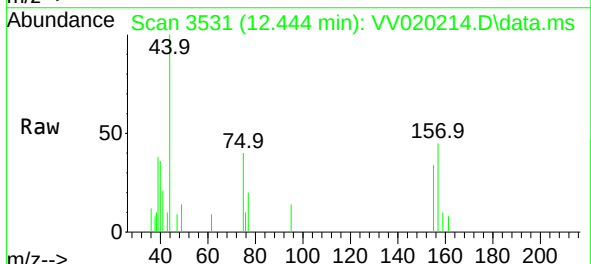
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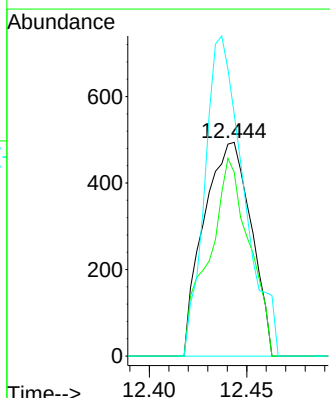
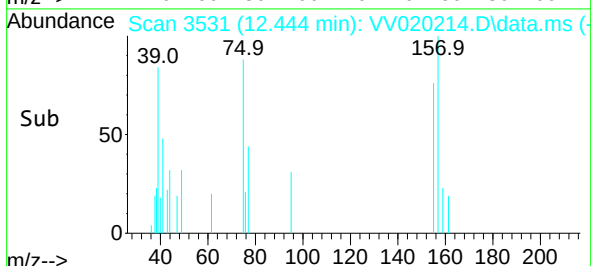
2/1/2021 1:51:10 PM

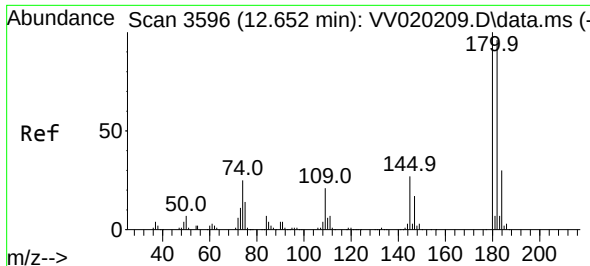


#68
1,2-Dibromo-3-chloropropane
Concen: 0.20 ug/L
RT: 12.444 min Scan# 3531
Delta R.T. 0.007 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

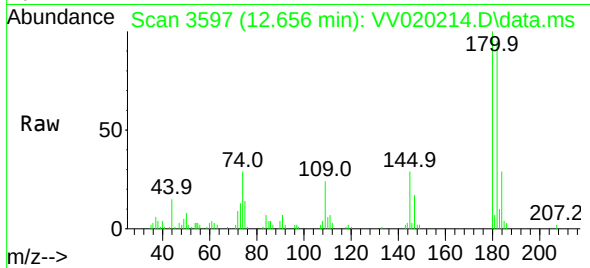


Tgt Ion: 75 Resp: 832
Ion Ratio Lower Upper
75 100
155 86.0 56.5 84.7#
157 113.2 74.2 111.2#

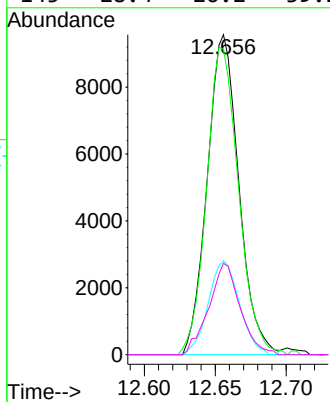
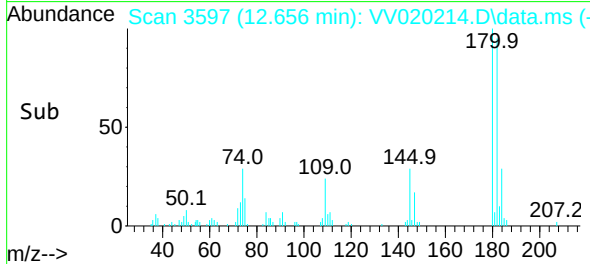




#69
1,3,5-Trichlorobenzene
Concen: 0.22 ug/L
RT: 12.656 min Scan# 3597
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20



Tgt Ion:	180	Resp:	14828
Ion Ratio	Lower	Upper	
180	100		
182	97.2	75.9	113.9
184	28.9	23.5	35.3
145	28.4	26.2	39.2

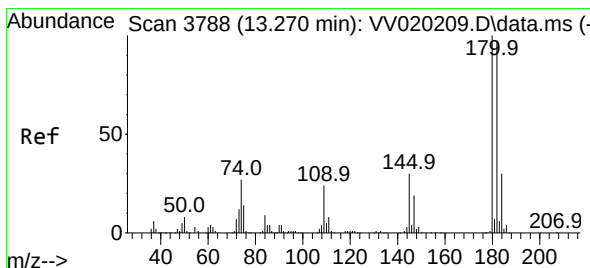


Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01

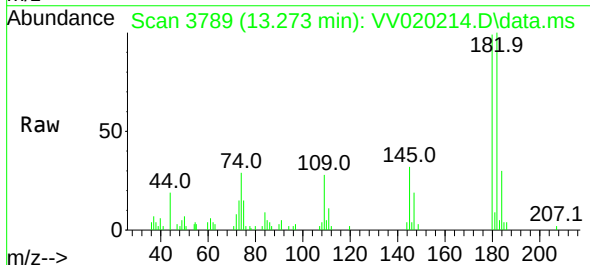
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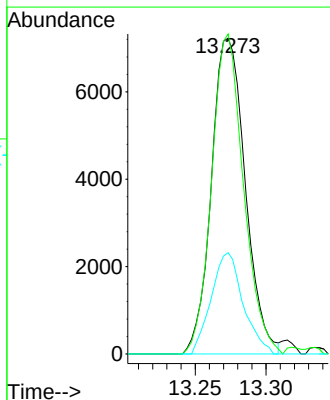
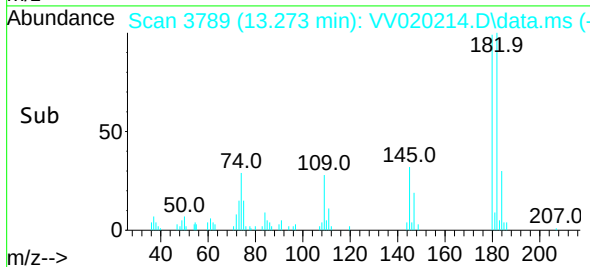
2/1/2021 1:51:10 PM

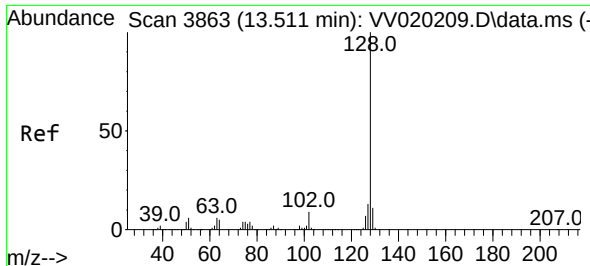


#70
1,2,4-trichlorobenzene
Concen: 0.22 ug/L
RT: 13.273 min Scan# 3789
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20



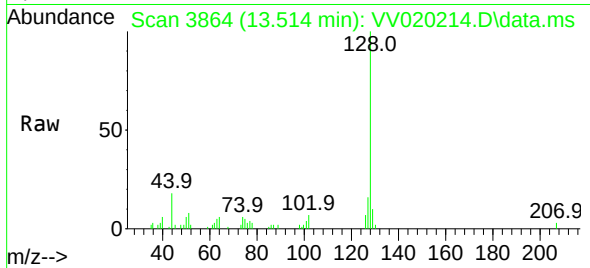
Tgt Ion:	180	Resp:	12006
Ion Ratio	Lower	Upper	
180	100		
182	95.4	75.9	113.9
145	30.2	26.6	39.8





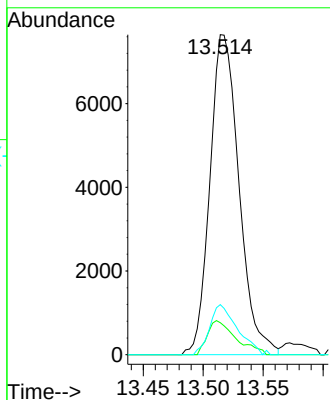
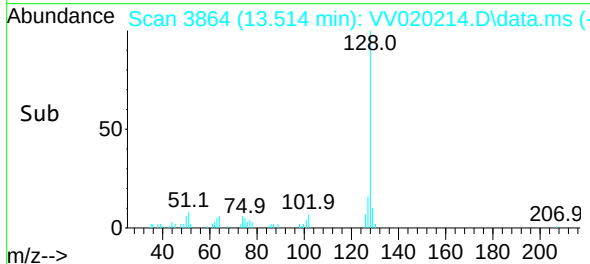
#71
Naphthalene
Concen: 0.18 ug/L
RT: 13.514 min Scan# 3864
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-01



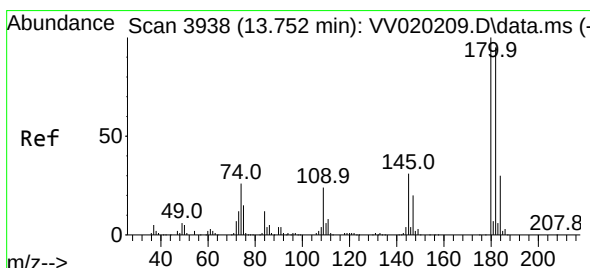
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.5	12.7
127	15.0	10.2	15.4

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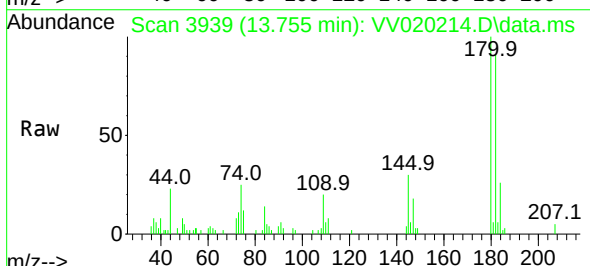


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2/1/2021 1:51:10 PM



#72
1,2,3-Trichlorobenzene
Concen: 0.21 ug/L
RT: 13.755 min Scan# 3939
Delta R.T. 0.003 min
Lab File: VV020214.D
Acq: 28 Jan 2021 15:20



Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	74.6	112.0
145	29.9	28.8	43.2

