

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032621\
 Data File : VX021543.D
 Acq On : 26 Mar 2021 21:14
 Operator : JC/MD
 Sample : M1458-09 .2PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2021

Manual Integrations
 APPROVED

Quant Time: Mar 27 06:00:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 27 06:00:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	71383	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	123371	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	108123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	48288	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	62594	52.70	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.40%
35) Dibromofluoromethane	5.464	113	44108	50.33	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.66%
50) Toluene-d8	8.694	98	145255	46.51	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.02%
62) 4-Bromofluorobenzene	11.118	95	52244	43.03	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.06%

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Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	177	0.23	ug/l	95
3) Chloromethane	1.317	50	1049	1.05	ug/l	96
4) Vinyl Chloride	1.393	62	199	0.25	ug/l #	43
5) Bromomethane	1.628	94	163	0.50	ug/l	83
6) Chloroethane	1.717	64	109	0.21	ug/l #	43
7) Trichlorofluoromethane	1.911	101	280	0.21	ug/l	99
10) Methyl Iodide	2.487	142	200	0.39	ug/l #	85
11) Tert butyl alcohol	3.011	59	193	0.98	ug/l #	73
12) 1,1-Dichloroethene	2.346	96	147	0.20	ug/l #	51
13) Acrolein	2.281	56	161	1.47	ug/l #	21
14) Allyl chloride	2.705	41	428	0.29	ug/l #	69
15) Acrylonitrile	3.117	53	481	1.03	ug/l	94
16) Acetone	2.423	43	790	1.76	ug/l	97
17) Carbon Disulfide	2.552	76	908	0.45	ug/l #	93
18) Methyl Acetate	2.752	43	399	0.31	ug/l #	47
19) Methyl tert-butyl Ether	3.164	73	545	0.20	ug/l #	57
20) Methylene Chloride	2.834	84	368	0.42	ug/l #	86
21) trans-1,2-Dichloroethene	3.152	96	212	0.27	ug/l #	53
22) Diisopropyl ether	3.823	45	597	0.21	ug/l #	71
23) Vinyl Acetate	3.793	43	1961	0.82	ug/l #	89
25) 2-Butanone	4.640	43	730	1.07	ug/l #	45
27) cis-1,2-Dichloroethene	4.576	96	198	0.22	ug/l	61
29) Tetrahydrofuran	5.105	42	406m	0.92	ug/l	
30) Chloroform	5.182	83	346	0.21	ug/l #	74
36) 1,1-Dichloropropene	5.764	75	298	0.25	ug/l #	52
37) Ethyl Acetate	4.811	43	352	0.25	ug/l #	64
39) Methylcyclohexane	7.435	83	348	0.26	ug/l #	65
42) 1,2-Dichloroethane	6.170	62	418	0.28	ug/l #	73
44) Trichloroethene	7.182	130	243	0.27	ug/l	75
49) 1,4-Dioxane	7.717	88	58	2.68	ug/l #	62
51) 4-Methyl-2-Pentanone	8.623	43	1112	0.80	ug/l	91
58) 2-Chloroethyl Vinyl ether	8.288	63	1550	2.05	ug/l	99
59) 2-Hexanone	9.470	43	948	0.90	ug/l	75
64) Tetrachloroethene	9.323	164	249	0.34	ug/l #	71
65) Chlorobenzene	10.118	112	455	0.21	ug/l #	73
68) m/p-Xylenes	10.341	106	590	0.42	ug/l	90

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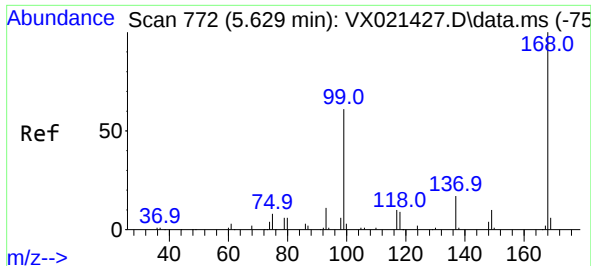
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

76) 1,2,3-Trichloropropane	11.277	75	244m	0.22	ug/l	
77) Bromobenzene	11.235	156	191	0.23	ug/l	75
78) n-propylbenzene	11.341	91	957	0.24	ug/l	95
79) 2-Chlorotoluene	11.400	91	566	0.23	ug/l	90
80) 1,3,5-Trimethylbenzene	11.488	105	641	0.22	ug/l	90
82) 4-Chlorotoluene	11.494	91	768	0.27	ug/l	85
83) tert-Butylbenzene	11.753	119	594	0.21	ug/l	82
84) 1,2,4-Trimethylbenzene	11.788	105	627	0.21	ug/l	95
85) sec-Butylbenzene	11.930	105	696	0.21	ug/l	94
86) p-Isopropyltoluene	12.047	119	705	0.24	ug/l #	68
87) 1,3-Dichlorobenzene	12.006	146	454	0.30	ug/l	92
88) 1,4-Dichlorobenzene	12.083	146	499m	0.32	ug/l	
89) n-Butylbenzene	12.371	91	695	0.26	ug/l	97
91) 1,2-Dichlorobenzene	12.371	146	307	0.21	ug/l	79
93) 1,2,4-Trichlorobenzene	13.624	180	347	0.36	ug/l	94
94) Hexachlorobutadiene	13.765	225	152	0.35	ug/l #	65
95) Naphthalene	13.812	128	922	0.29	ug/l #	84
96) 1,2,3-Trichlorobenzene	14.001	180	339	0.35	ug/l #	85

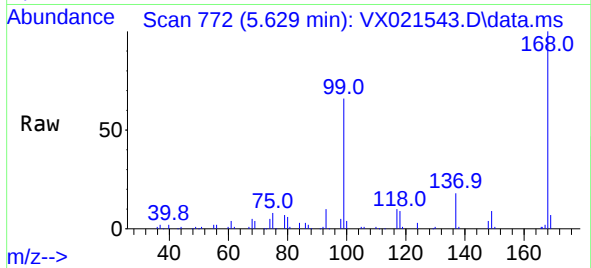
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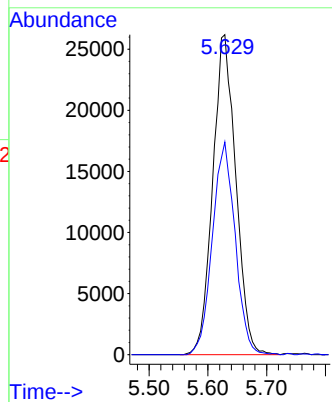
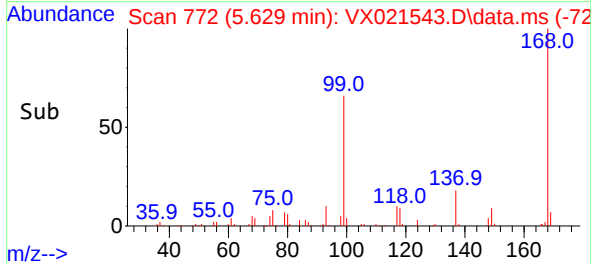
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14



Tgt Ion:168 Resp: 71383
Ion Ratio Lower Upper
168 100
99 66.4 45.8 68.6

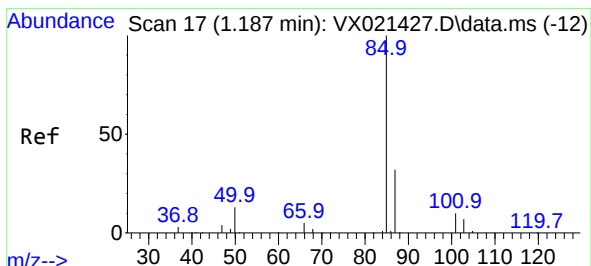


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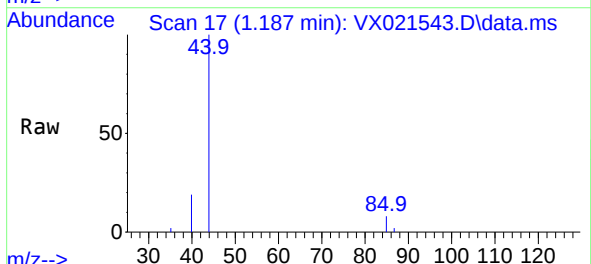
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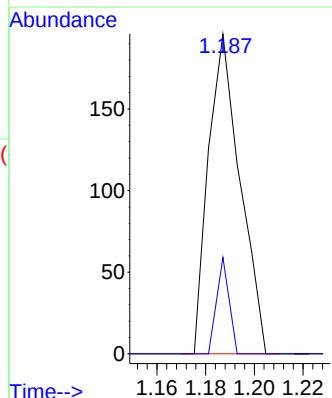
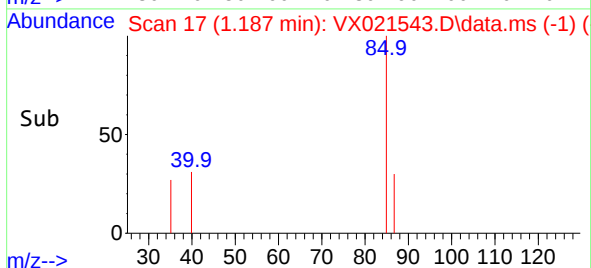
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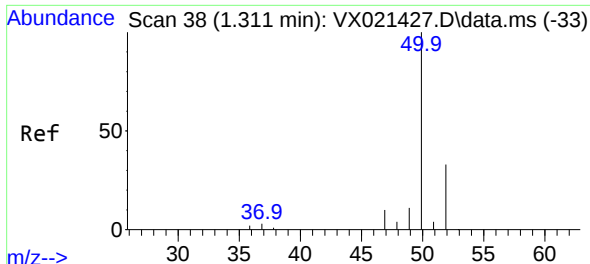


#2
Dichlorodifluoromethane
Concen: 0.23 ug/l
RT: 1.187 min Scan# 17
Delta R.T. 0.000 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

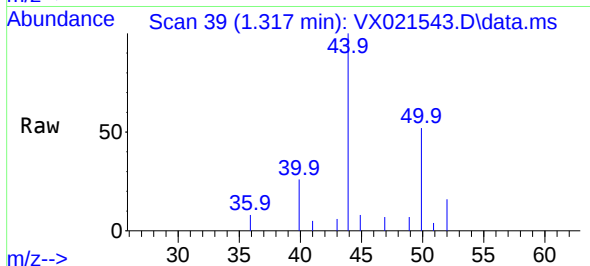


Tgt Ion: 85 Resp: 177
Ion Ratio Lower Upper
85 100
87 30.1 16.4 49.2

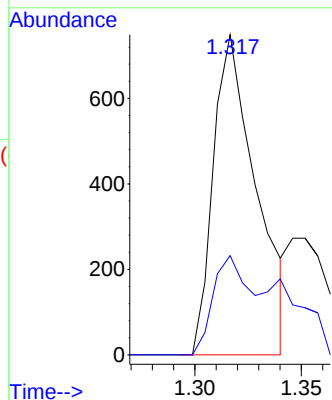
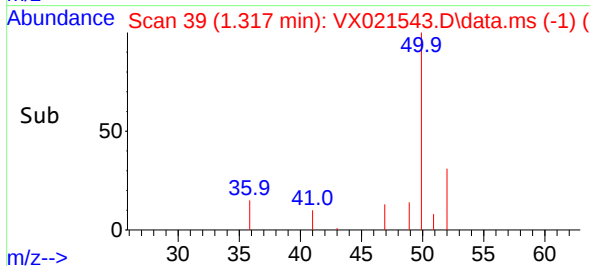




#3
Chloromethane
Concen: 1.05 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14



Tgt Ion: 50 Resp: 1049
Ion Ratio Lower Upper
50 100
52 31.0 26.4 39.6

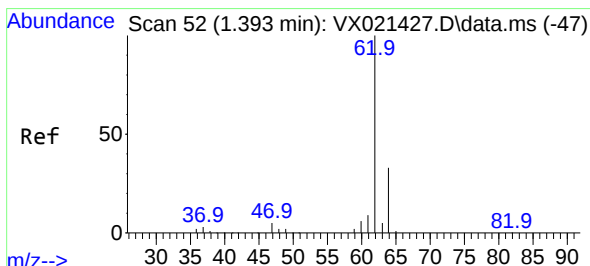


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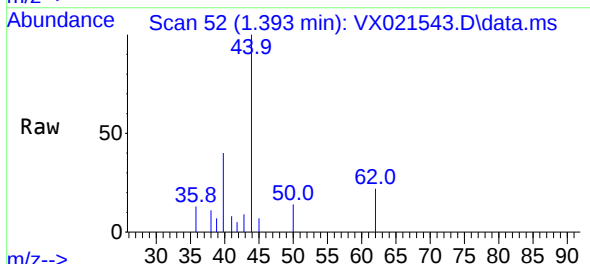
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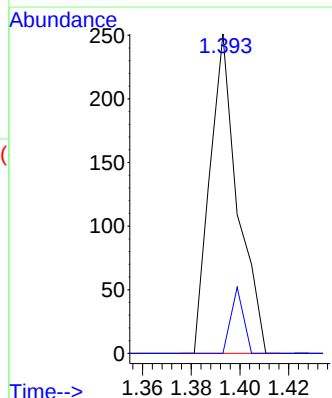
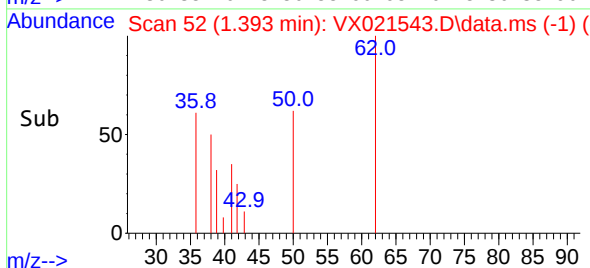
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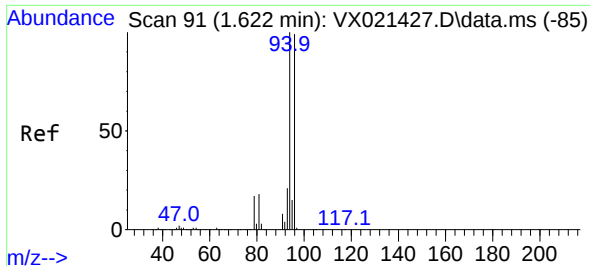


#4
Vinyl Chloride
Concen: 0.25 ug/l
RT: 1.393 min Scan# 52
Delta R.T. -0.000 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14



Tgt Ion: 62 Resp: 199
Ion Ratio Lower Upper
62 100
64 0.0 25.7 38.5#



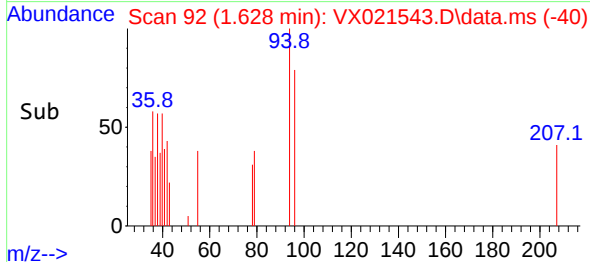
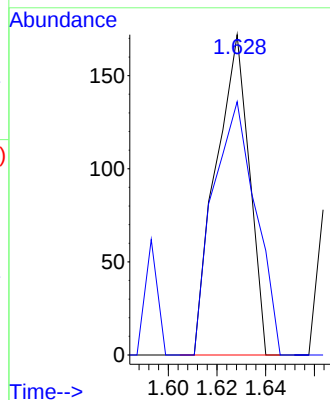
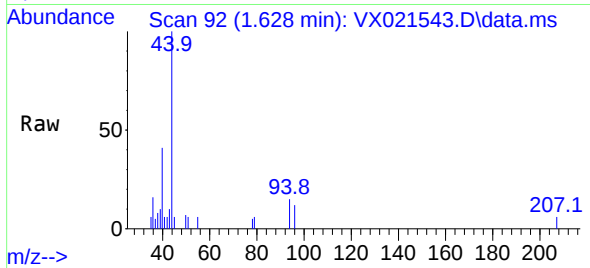


#5
Bromomethane
Concen: 0.50 ug/l
RT: 1.628 min Scan# 92
Delta R.T. 0.006 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

Tgt Ion: 94 Resp: 163
Ion Ratio Lower Upper
94 100
96 79.1 76.4 114.6

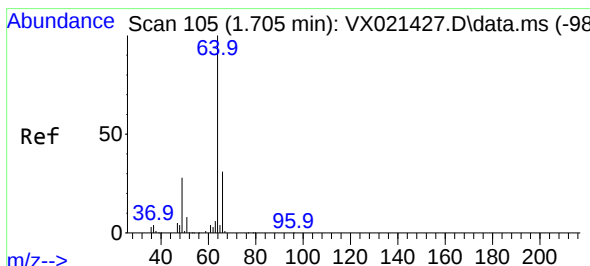
Instrument :
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ClientSampleId :
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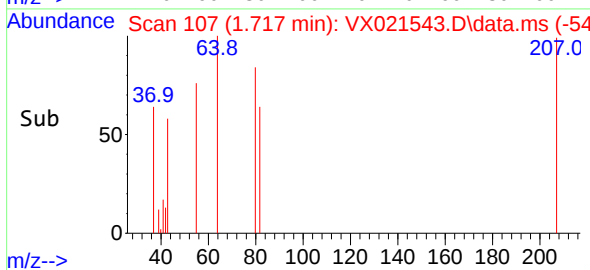
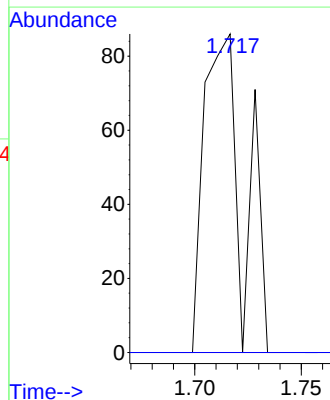
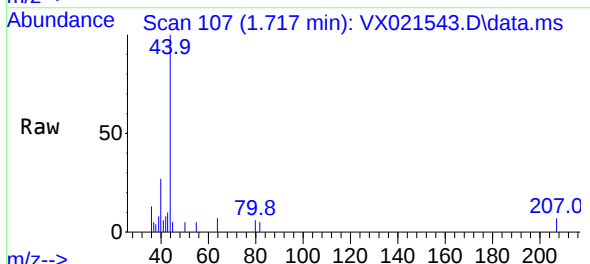
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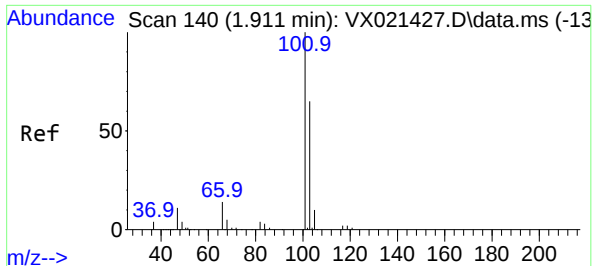
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#6
Chloroethane
Concen: 0.21 ug/l
RT: 1.717 min Scan# 107
Delta R.T. 0.012 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

Tgt Ion: 64 Resp: 109
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



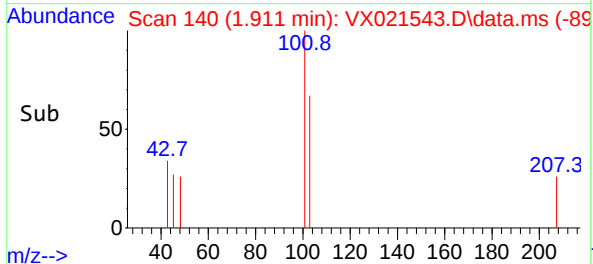
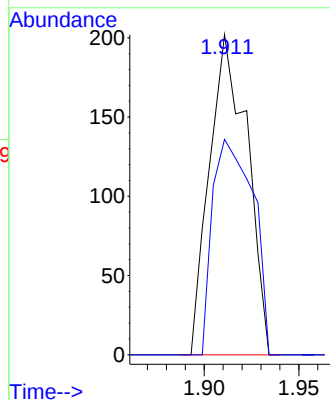
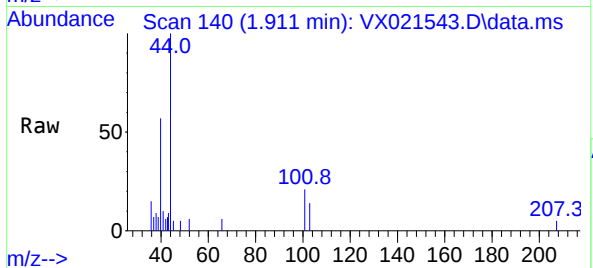


#7
Trichlorofluoromethane
Concen: 0.21 ug/l
RT: 1.911 min Scan# 140
Delta R.T. -0.000 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

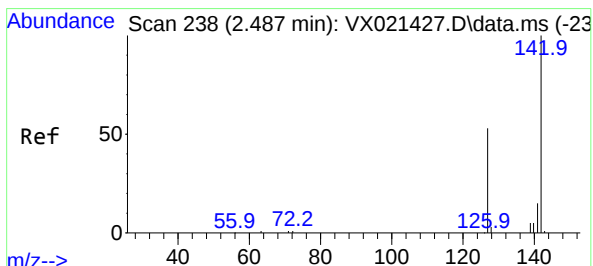
Tgt Ion:101 Resp: 280
Ion Ratio Lower Upper
101 100
103 67.3 53.2 79.8

Instrument :
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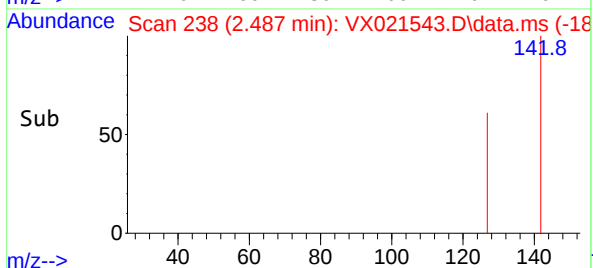
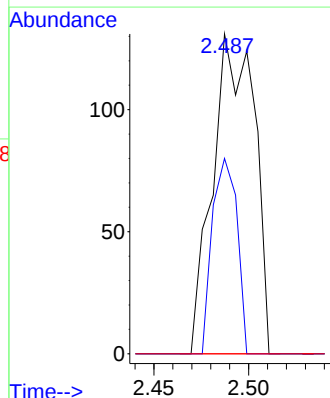
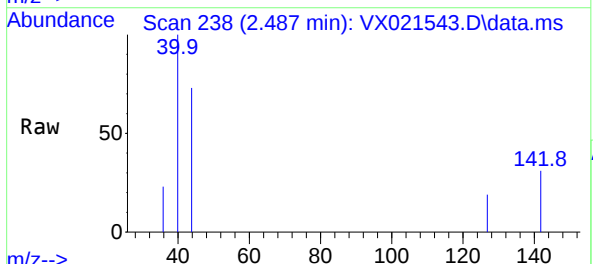
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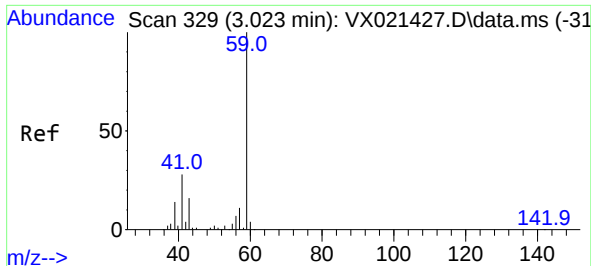


#10
Methyl Iodide
Concen: 0.39 ug/l
RT: 2.487 min Scan# 238
Delta R.T. 0.000 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

Tgt Ion:142 Resp: 200
Ion Ratio Lower Upper
142 100
127 36.5 33.3 49.9
141 0.0 11.4 17.0#

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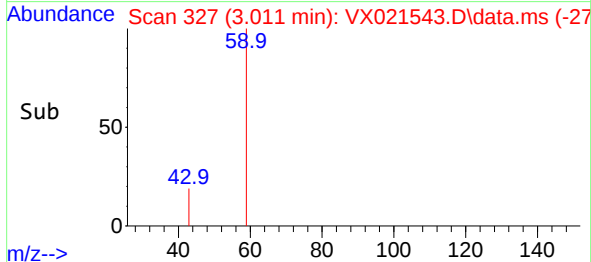
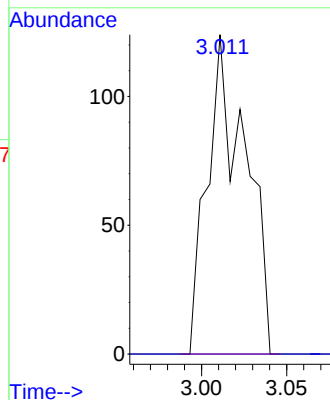
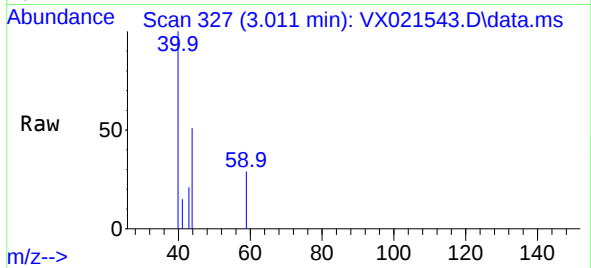


#11
Tert butyl alcohol
Concen: 0.98 ug/l
RT: 3.011 min Scan# 327
Delta R.T. -0.012 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

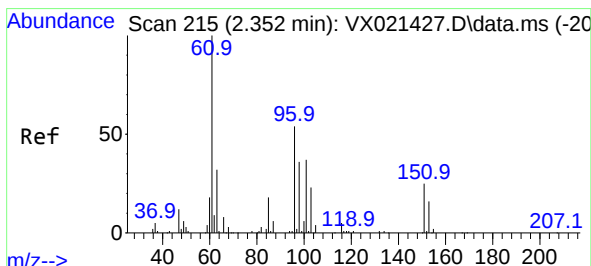
Tgt Ion: 59 Resp: 193
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

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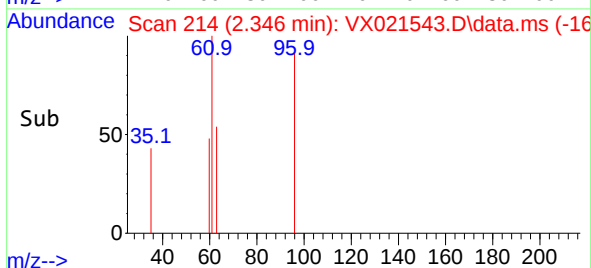
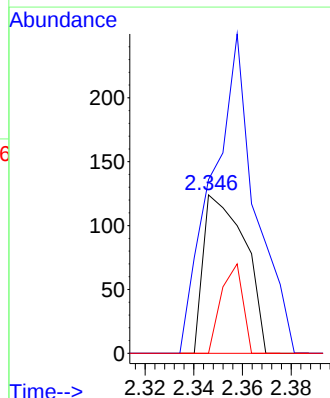
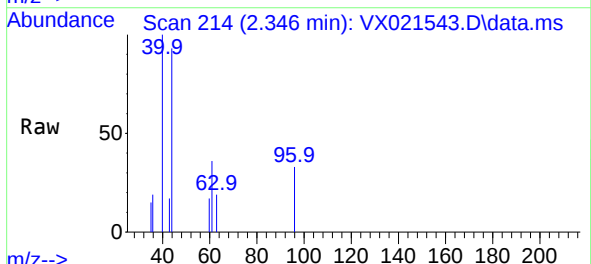
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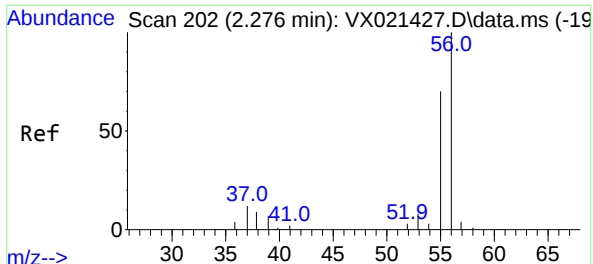


#12
1,1-Dichloroethene
Concen: 0.20 ug/l
RT: 2.346 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

Tgt Ion: 96 Resp: 147
Ion Ratio Lower Upper
96 100
61 109.7 124.6 187.0#
98 0.0 50.6 76.0#

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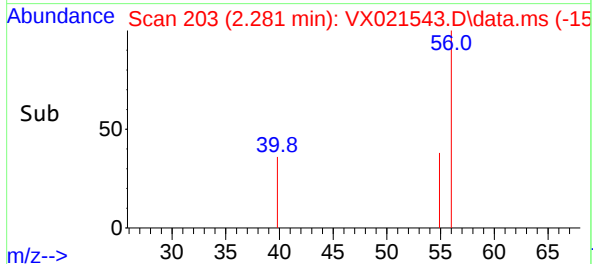
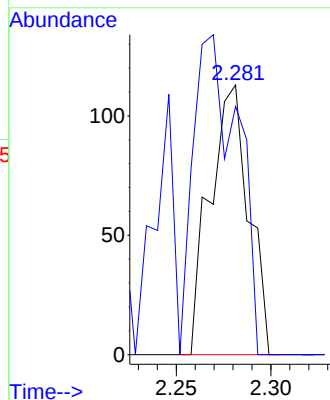
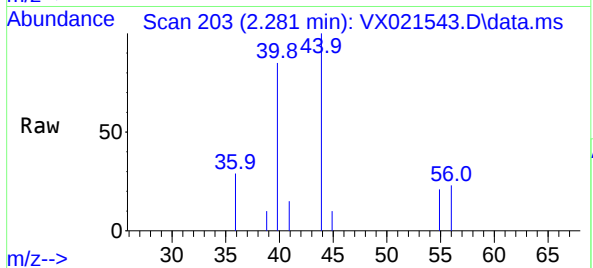


#13
Acrolein
Concen: 1.47 ug/l
RT: 2.281 min Scan# 203
Delta R.T. 0.005 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

Tgt Ion: 56 Resp: 161
Ion Ratio Lower Upper
56 100
55 135.4 56.4 84.6#

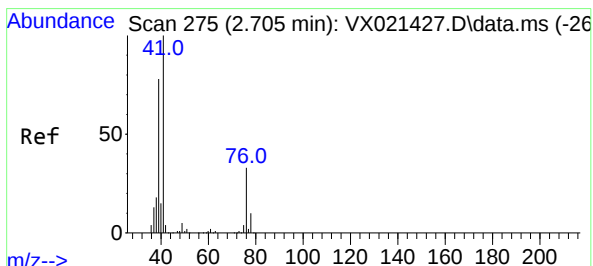
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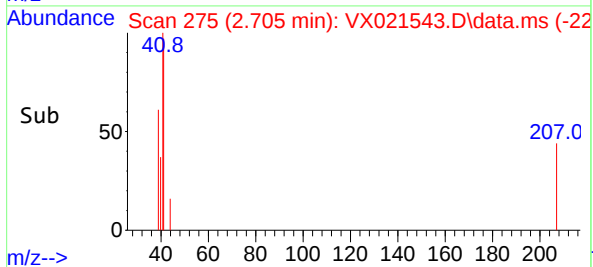
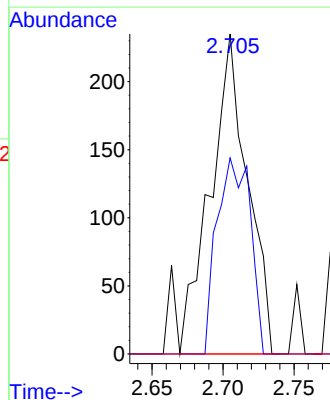
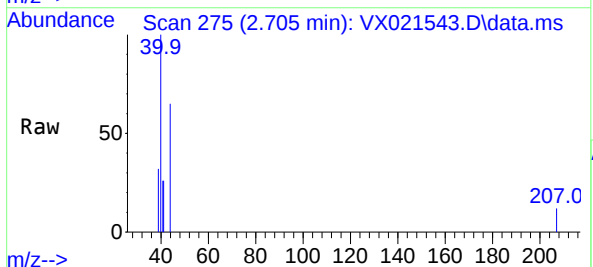
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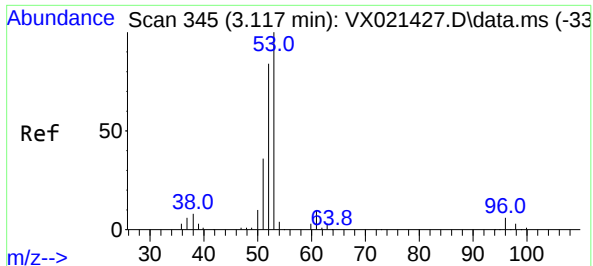
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#14
Allyl chloride
Concen: 0.29 ug/l
RT: 2.705 min Scan# 275
Delta R.T. -0.000 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

Tgt Ion: 41 Resp: 428
Ion Ratio Lower Upper
41 100
39 54.9 51.6 77.4
76 0.0 30.5 45.7#



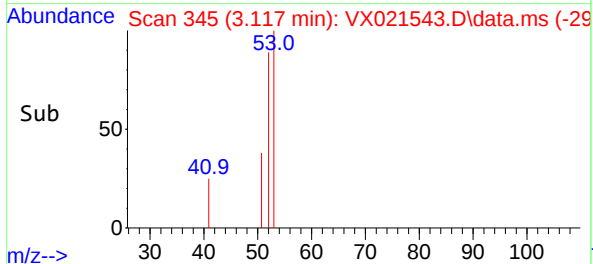
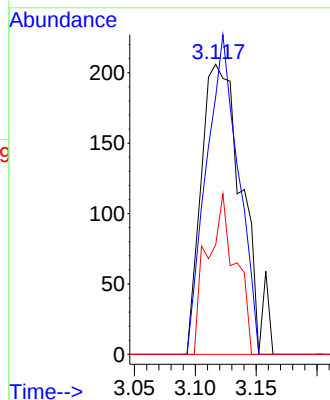
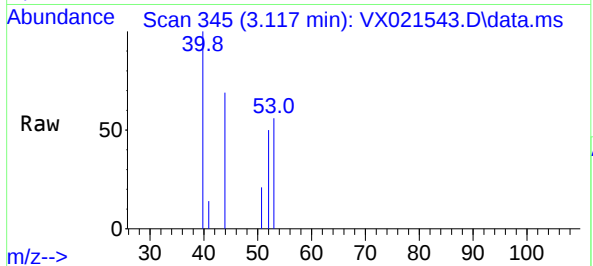


#15
Acrylonitrile
Concen: 1.03 ug/l
RT: 3.117 min Scan# 345
Delta R.T. -0.000 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

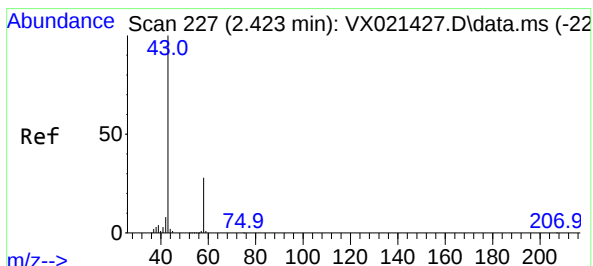
Tgt Ion: 53	Resp: 481
Ion Ratio	Lower Upper
53 100	
52 86.7	65.3 97.9
51 38.5	28.2 42.2

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2021

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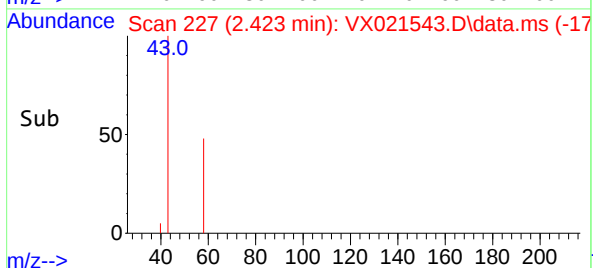
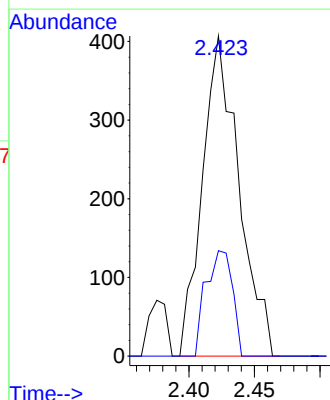
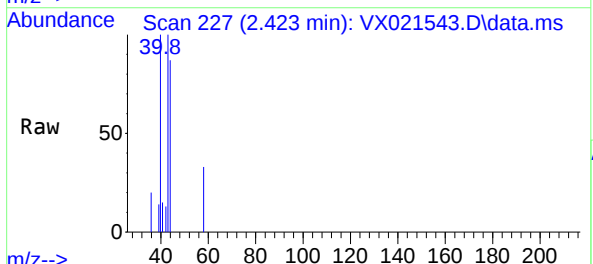
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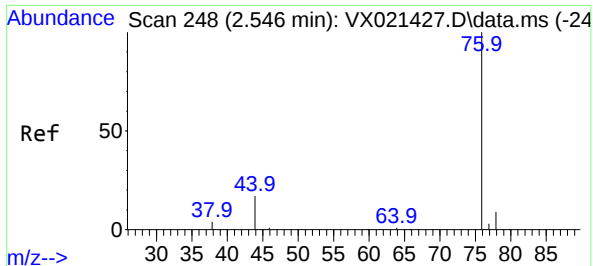


#16
Acetone
Concen: 1.76 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

Tgt Ion: 43	Resp: 790		
Ion Ratio	Lower	Upper	
43 100			
58 32.9	27.8	41.8	

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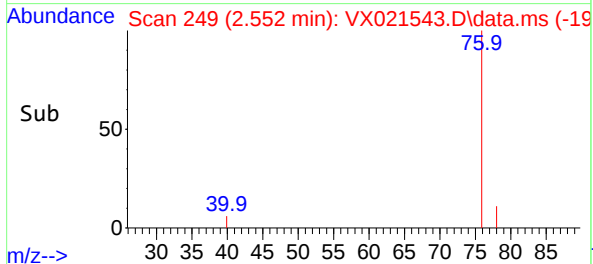
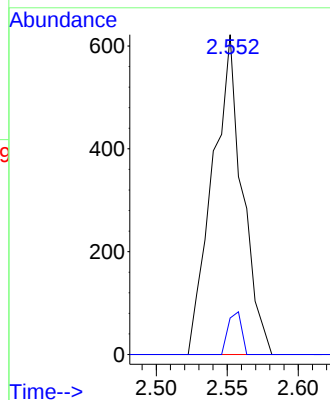
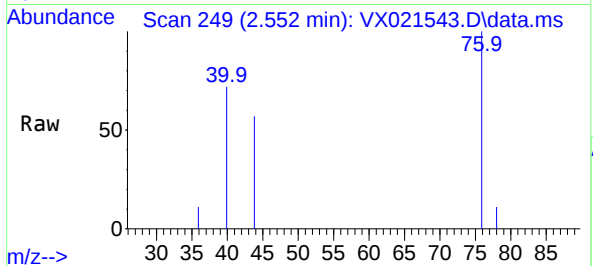


#17
Carbon Disulfide
Concen: 0.45 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.006 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

Tgt Ion: 76 Resp: 908
Ion Ratio Lower Upper
76 100
78 11.4 7.2 10.8#

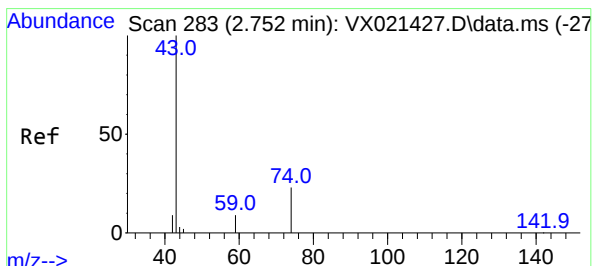
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2021

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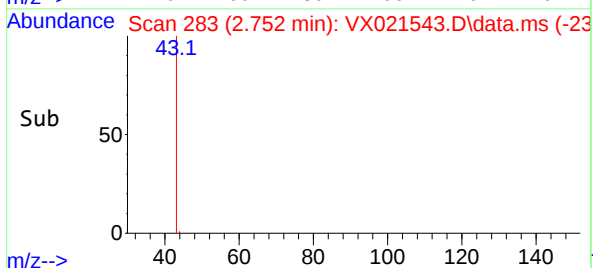
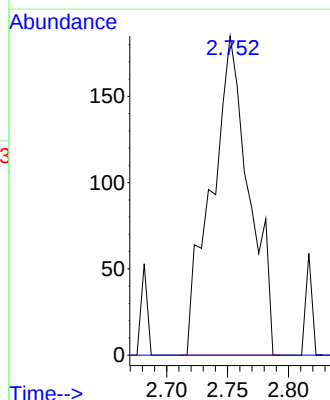
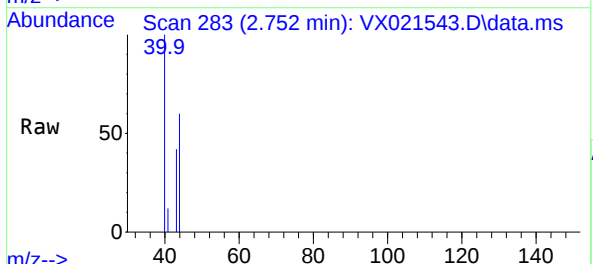
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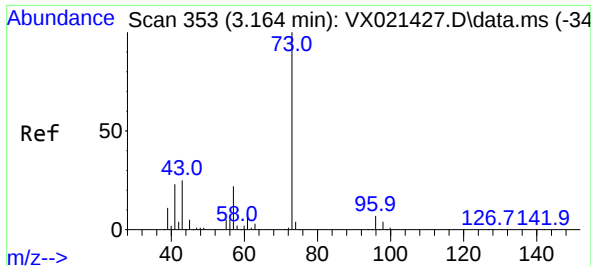
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#18
Methyl Acetate
Concen: 0.31 ug/l
RT: 2.752 min Scan# 283
Delta R.T. -0.000 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

Tgt Ion: 43 Resp: 399
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#





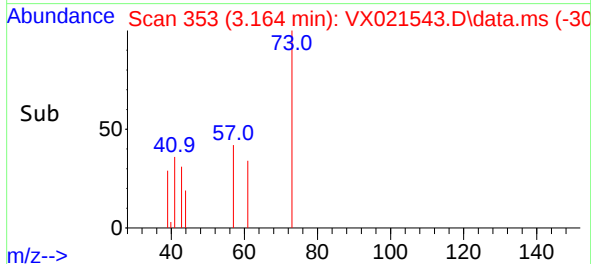
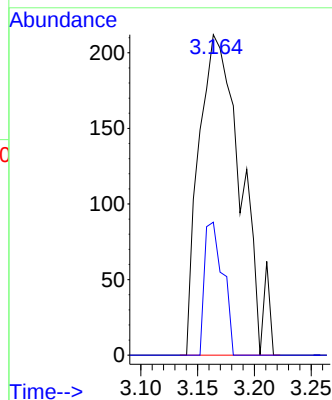
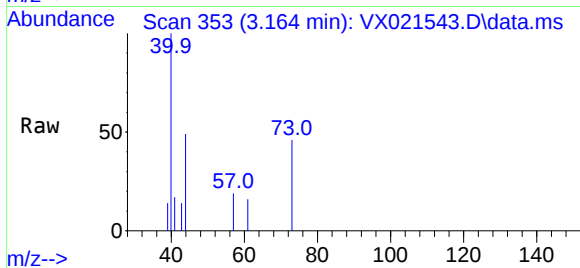
#19

Methyl tert-butyl Ether
Concen: 0.20 ug/l
RT: 3.164 min Scan# 353
Delta R.T. -0.000 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

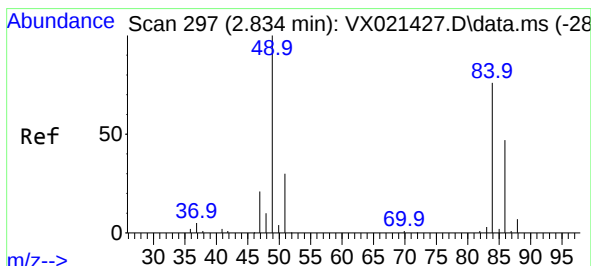
Tgt Ion: 73 Resp: 545
Ion Ratio Lower Upper
73 100
57 41.5 17.1 25.7#

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2021

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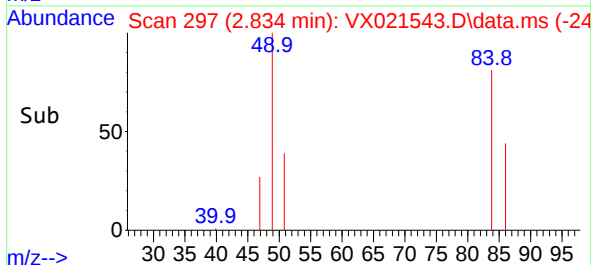
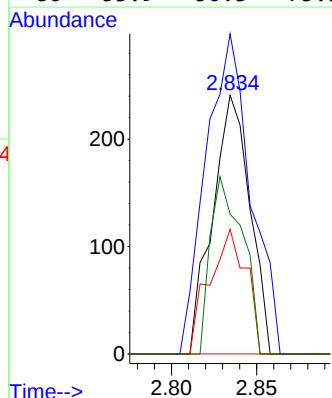
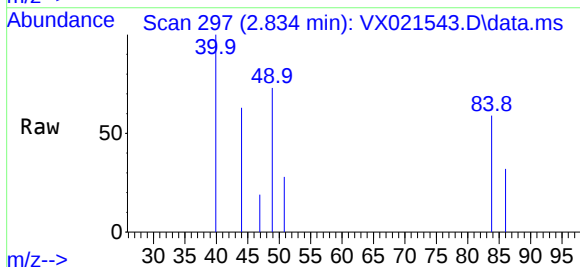


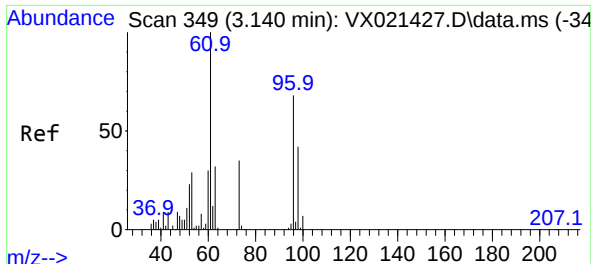
#20

Methylene Chloride
Concen: 0.42 ug/l
RT: 2.834 min Scan# 297
Delta R.T. 0.000 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

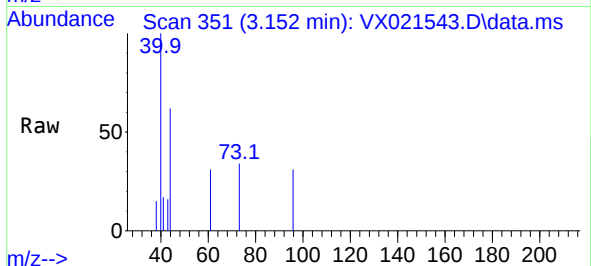
Tgt Ion: 84 Resp: 368
Ion Ratio Lower Upper
84 100
49 123.7 88.6 132.8
51 48.1 27.0 40.6#
86 53.9 50.3 75.5

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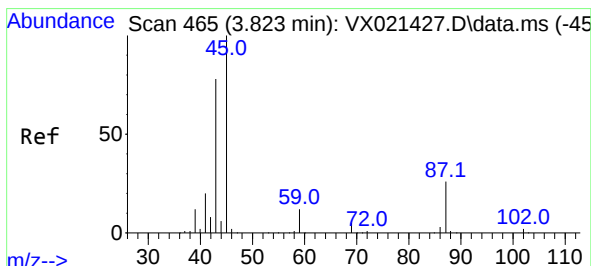
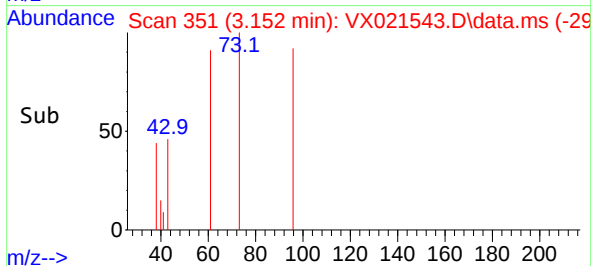
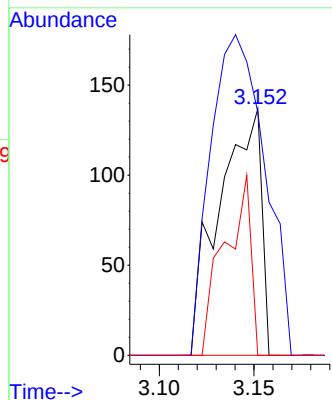




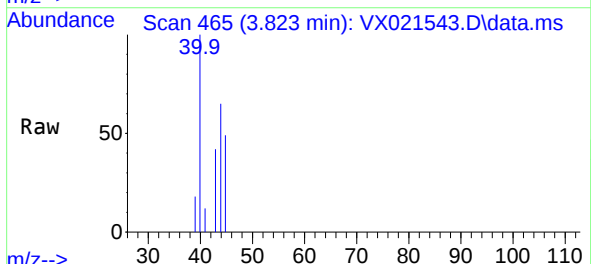
#21
trans-1,2-Dichloroethene
Concen: 0.27 ug/l
RT: 3.152 min Scan# 351
Delta R.T. 0.012 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14



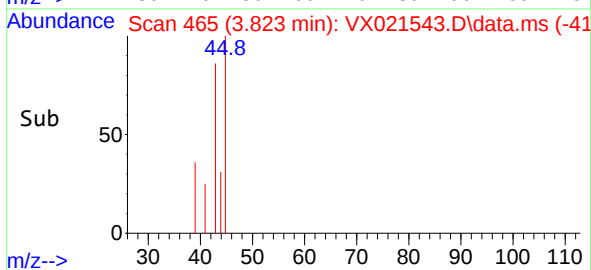
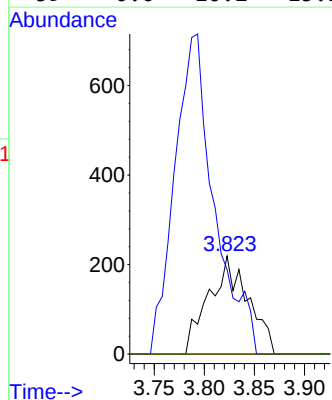
Tgt Ion: 96 Resp: 212
Ion Ratio Lower Upper
96 100
61 98.5 107.7 161.5#
98 0.0 50.4 75.6#



#22
Diisopropyl ether
Concen: 0.21 ug/l
RT: 3.823 min Scan# 465
Delta R.T. -0.000 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14



Tgt Ion: 45 Resp: 597
Ion Ratio Lower Upper
45 100
43 86.3 58.0 87.0
87 0.0 25.4 38.0#
59 0.0 10.2 15.2#

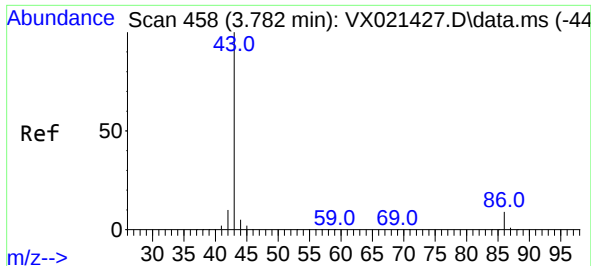


Instrument :
MSVOA_X
ClientSampleId :
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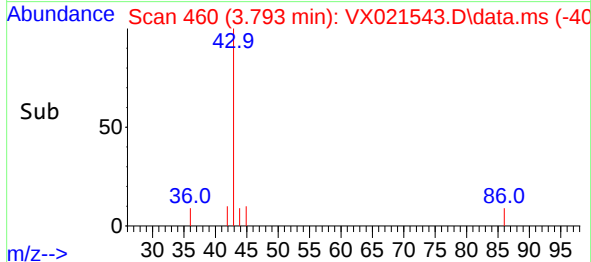
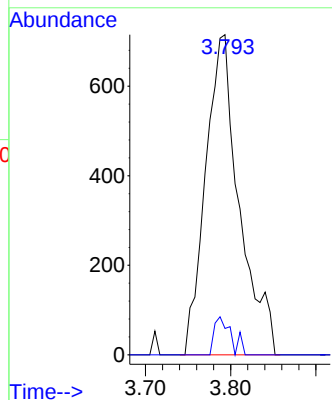
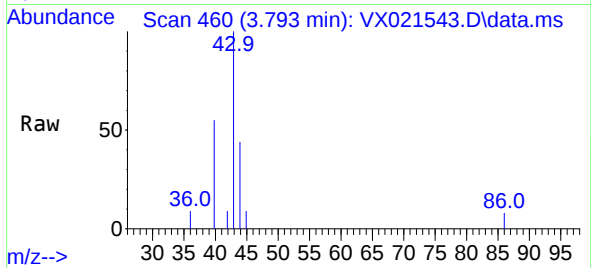


#23
 Vinyl Acetate
 Concen: 0.82 ug/l
 RT: 3.793 min Scan# 460
 Delta R.T. 0.011 min
 Lab File: VX021543.D
 Acq: 26 Mar 2021 21:14

Tgt Ion: 43 Resp: 1961
 Ion Ratio Lower Upper
 43 100
 86 8.3 9.9 14.9#

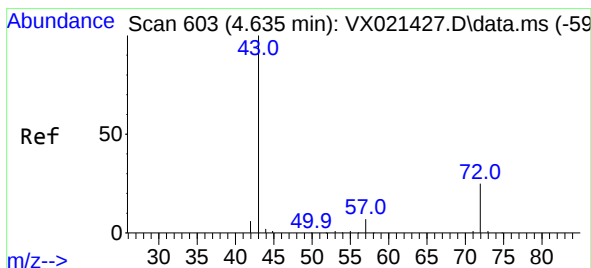
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2021

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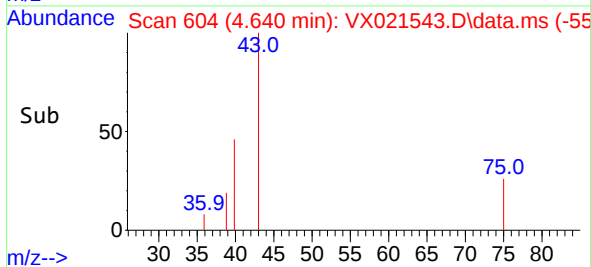
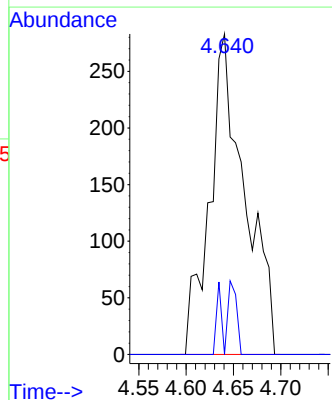
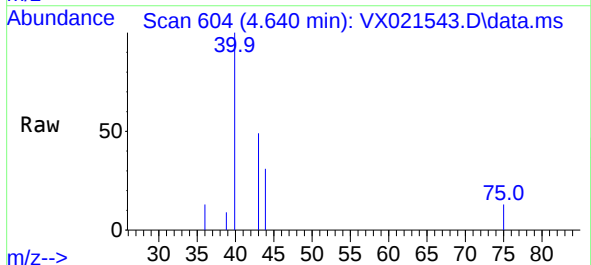
SAM

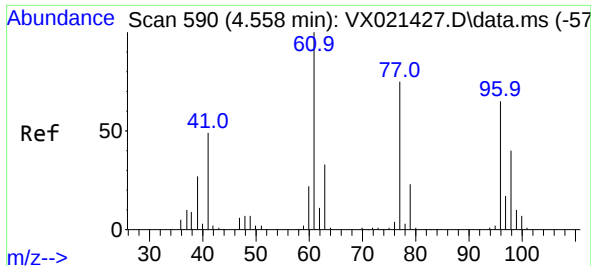
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#25
 2-Butanone
 Concen: 1.07 ug/l
 RT: 4.640 min Scan# 604
 Delta R.T. 0.005 min
 Lab File: VX021543.D
 Acq: 26 Mar 2021 21:14

Tgt Ion: 43 Resp: 730
 Ion Ratio Lower Upper
 43 100
 72 0.0 23.7 35.5#



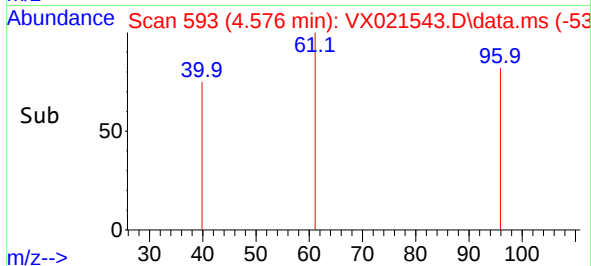
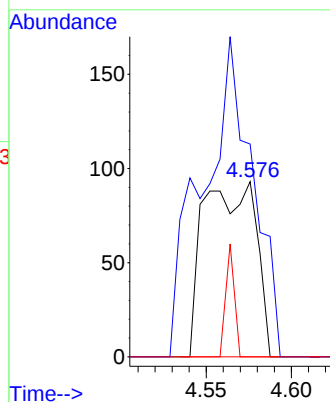
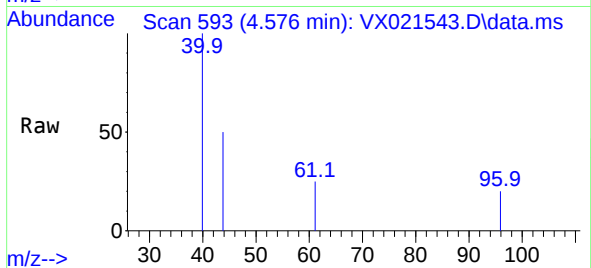


#27
cis-1,2-Dichloroethene
Concen: 0.22 ug/l
RT: 4.576 min Scan# 593
Delta R.T. 0.018 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

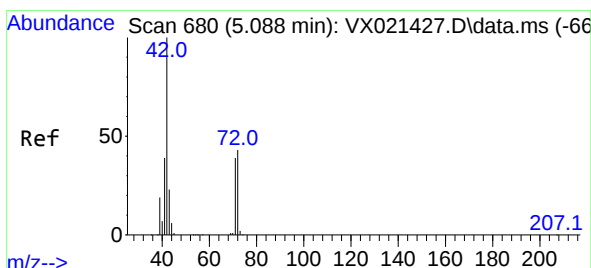
Tgt Ion:	96	Resp:	198
Ion	Ratio	Lower	Upper
96	100		
61	174.2	0.0	285.6
98	10.6	0.0	129.6

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2021

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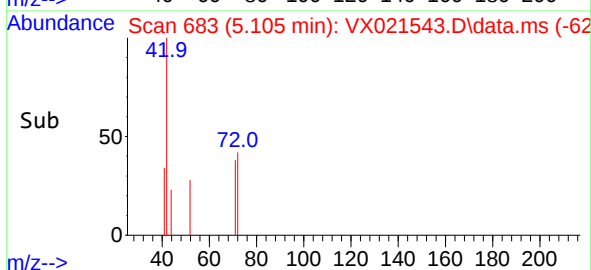
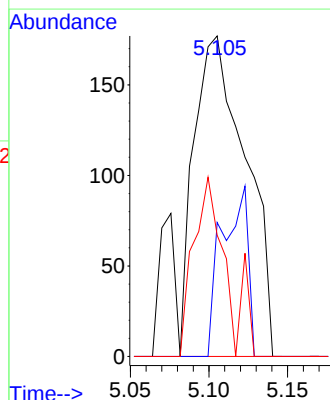
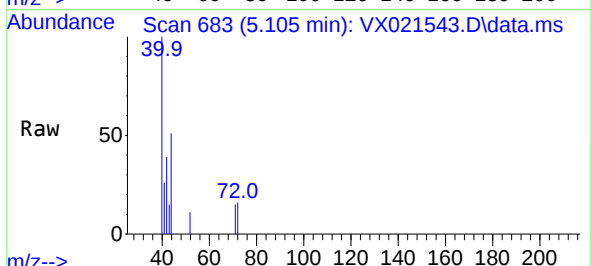
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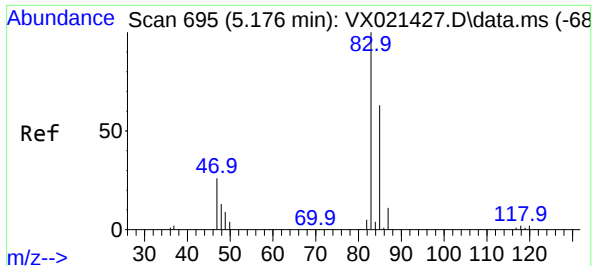


#29
Tetrahydrofuran
Concen: 0.92 ug/l m
RT: 5.105 min Scan# 683
Delta R.T. 0.017 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

Tgt Ion:	42	Resp:	406
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#

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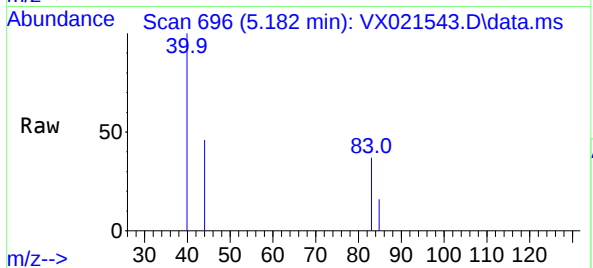




#30

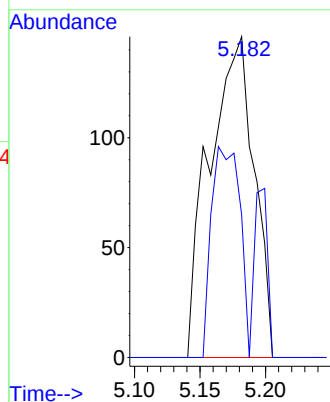
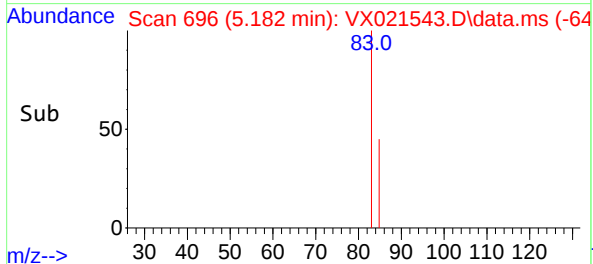
Chloroform
Concen: 0.21 ug/l
RT: 5.182 min Scan# 696
Delta R.T. 0.006 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2021

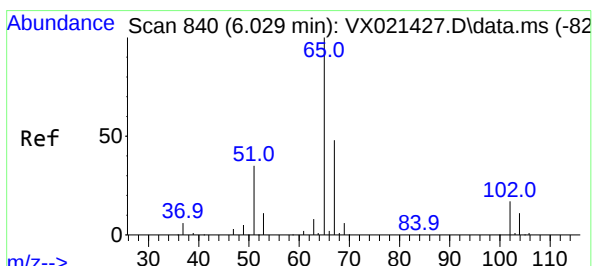


Tgt Ion: 83 Resp: 346
Ion Ratio Lower Upper
83 100
85 44.5 52.0 78.0#

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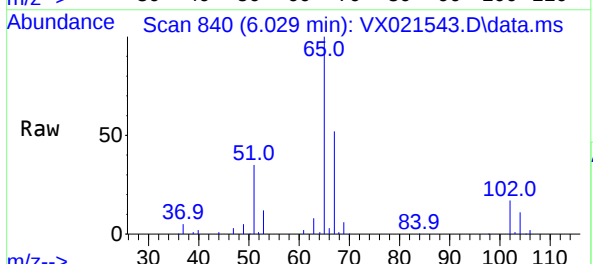
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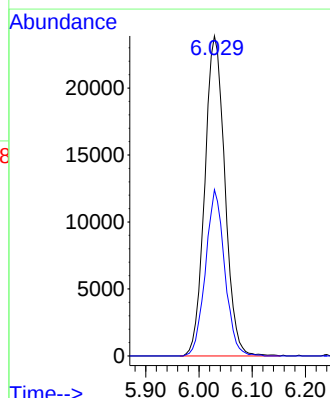
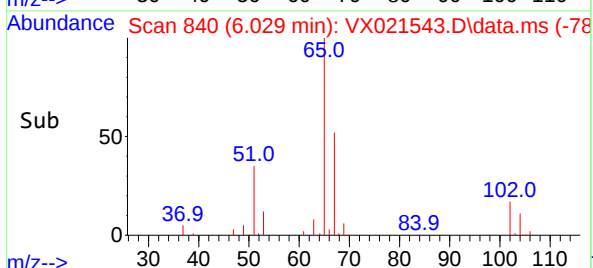
#33

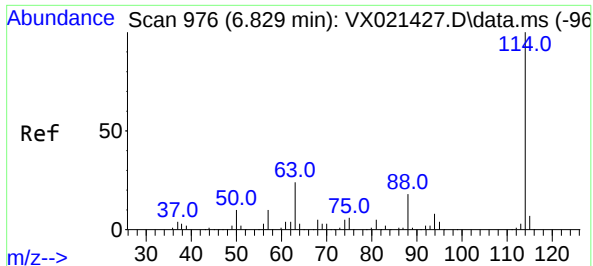
1,2-Dichloroethane-d4
Concen: 52.70 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

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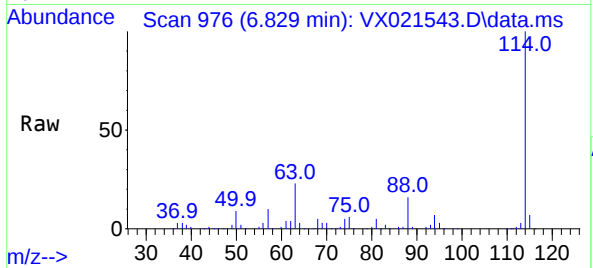


Tgt Ion: 65 Resp: 62594
Ion Ratio Lower Upper
65 100
67 49.7 0.0 105.4

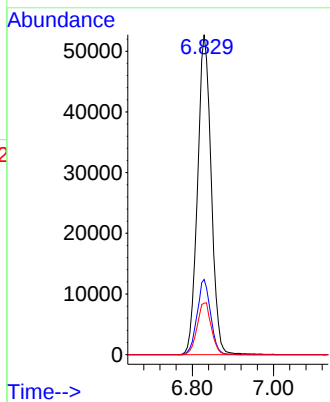
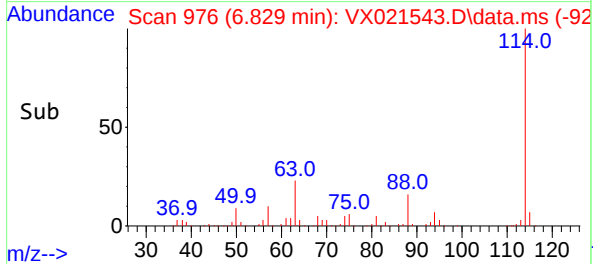




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14



Tgt Ion:114 Resp: 123371
Ion Ratio Lower Upper
114 100
63 23.5 0.0 40.8
88 16.1 0.0 32.8

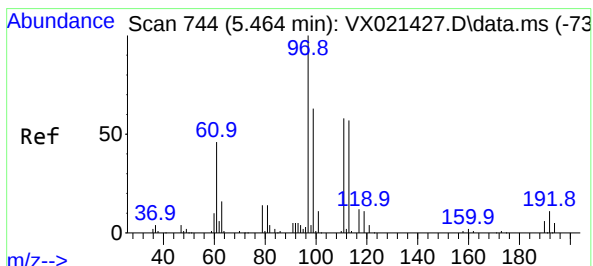


Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2021

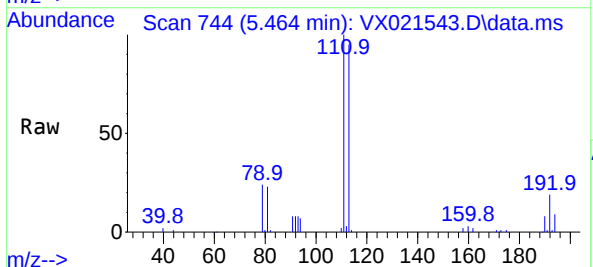
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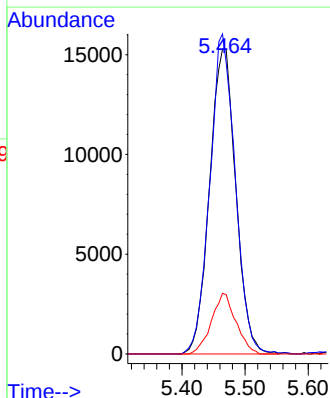
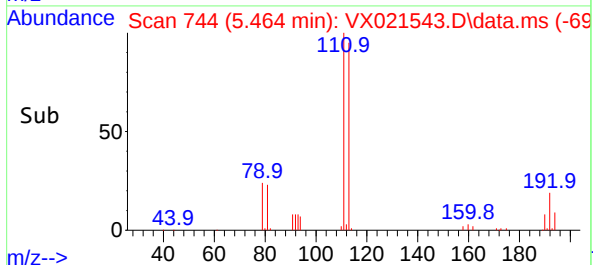
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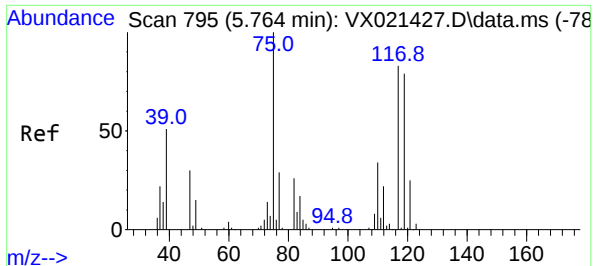


#35
Dibromofluoromethane
Concen: 50.33 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14



Tgt Ion:113 Resp: 44108
Ion Ratio Lower Upper
113 100
111 101.5 81.9 122.9
192 18.5 16.7 25.1



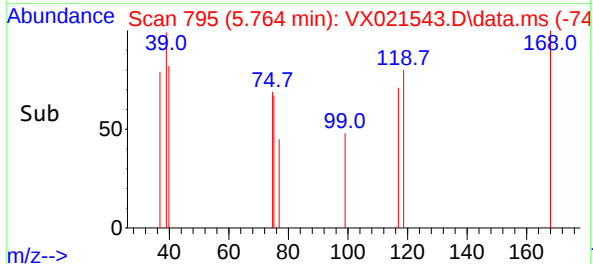
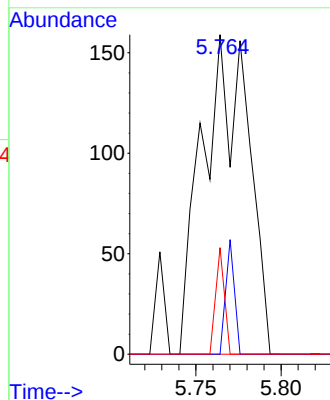
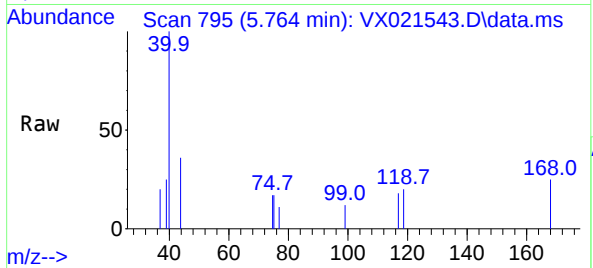


#36
1,1-Dichloropropene
Concen: 0.25 ug/l
RT: 5.764 min Scan# 795
Delta R.T. 0.000 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

Tgt Ion:	75	Resp:	298
Ion	Ratio	Lower	Upper
75	100		
110	6.7	18.1	54.4#
77	6.4	25.3	37.9#

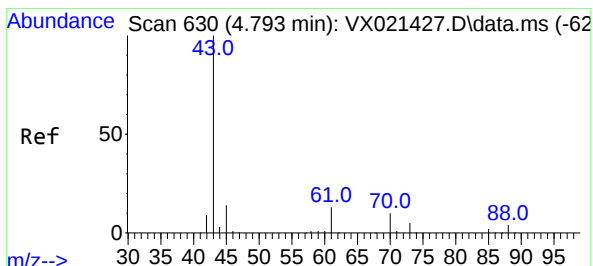
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2021

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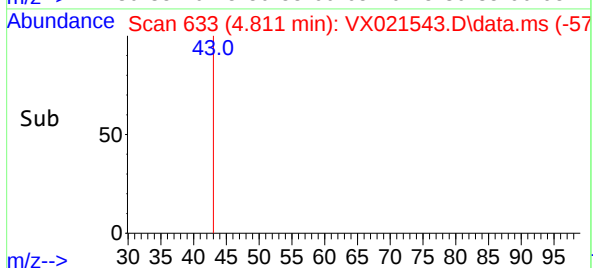
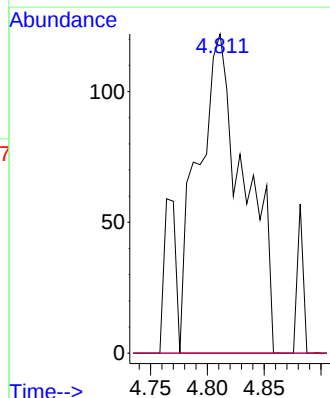
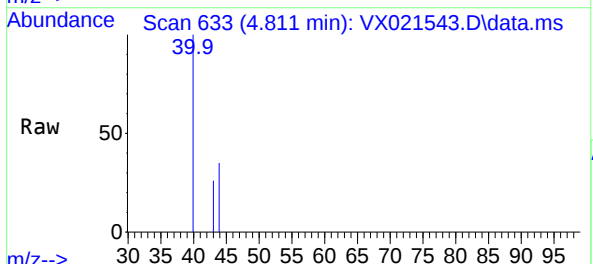
SAM

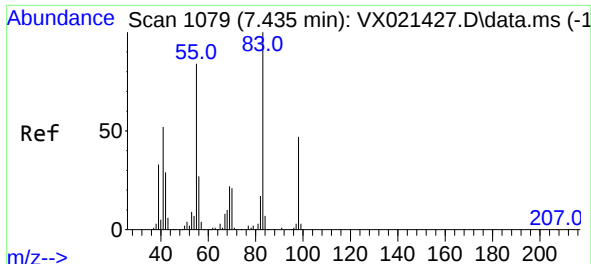
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#37
Ethyl Acetate
Concen: 0.25 ug/l
RT: 4.811 min Scan# 633
Delta R.T. 0.018 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

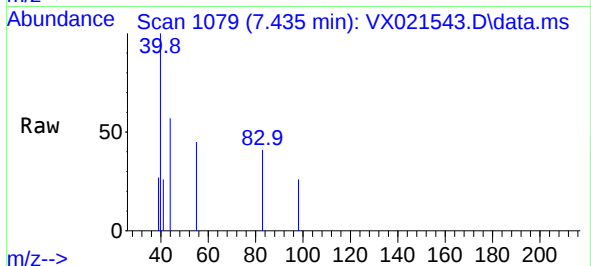
Tgt Ion:	43	Resp:	352
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	0.0	10.5	15.7#





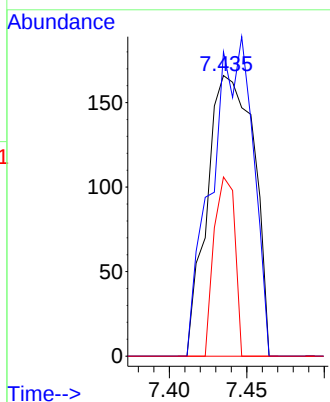
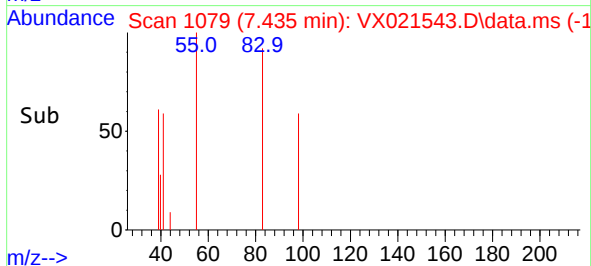
#39
Methylcyclohexane
Concen: 0.26 ug/l
RT: 7.435 min Scan# 1079
Delta R.T. -0.000 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

Instrument :
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ClientSampleId :
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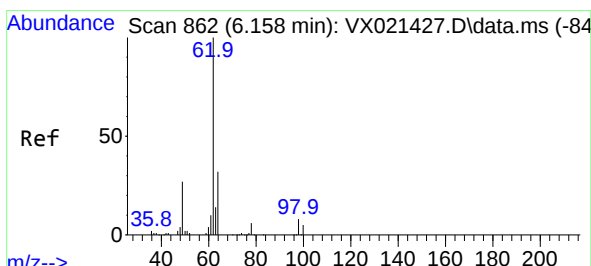


Tgt Ion: 83 Resp: 348
Ion Ratio Lower Upper
83 100
55 108.4 58.9 88.3#
98 63.9 38.1 57.1#

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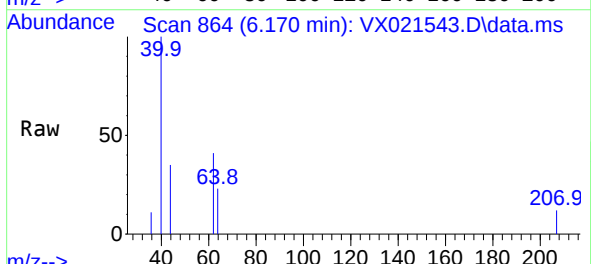


SAM

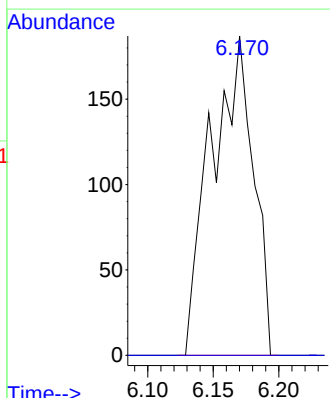
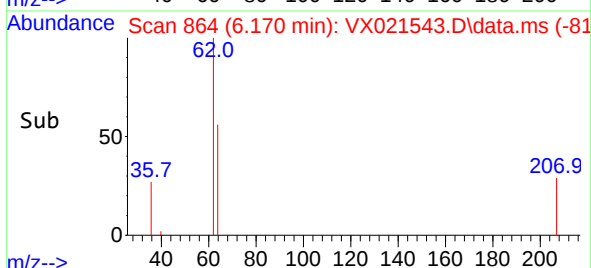


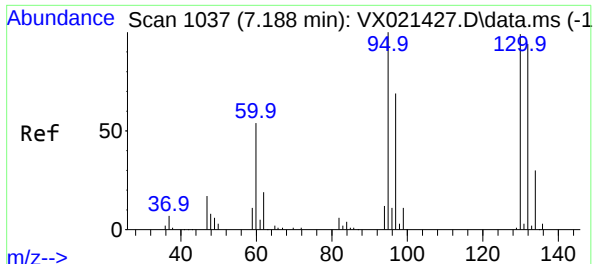
#42
1,2-Dichloroethane
Concen: 0.28 ug/l
RT: 6.170 min Scan# 864
Delta R.T. 0.012 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

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Tgt Ion: 62 Resp: 418
Ion Ratio Lower Upper
62 100
98 0.0 0.0 20.2





#44

Trichloroethene

Concen: 0.27 ug/l

RT: 7.182 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VX021543.D

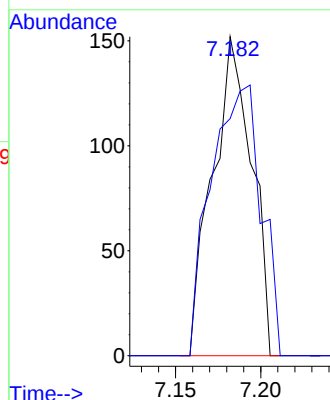
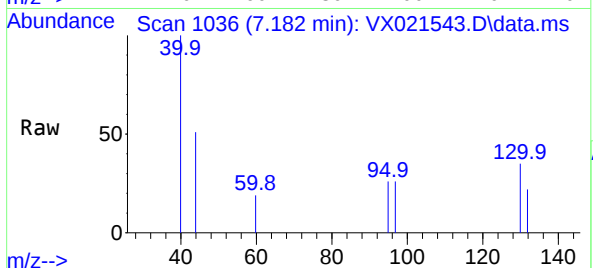
Acq: 26 Mar 2021 21:14

Tgt Ion:130 Resp: 243

Ion Ratio Lower Upper

130 100

95 74.3 0.0 198.0



Instrument :

MSVOA_X

ClientSampleId :

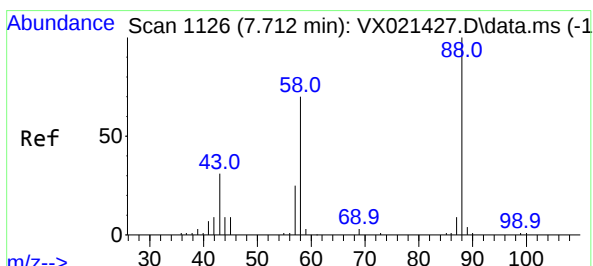
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#49

1,4-Dioxane

Concen: 2.68 ug/l

RT: 7.717 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VX021543.D

Acq: 26 Mar 2021 21:14

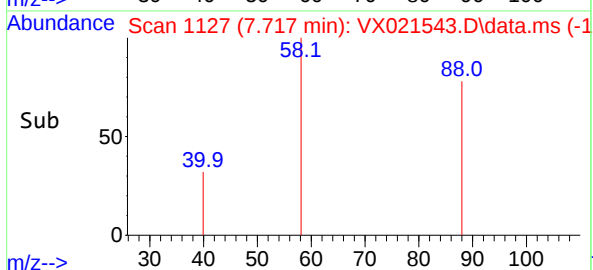
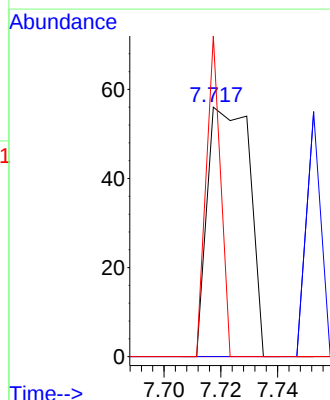
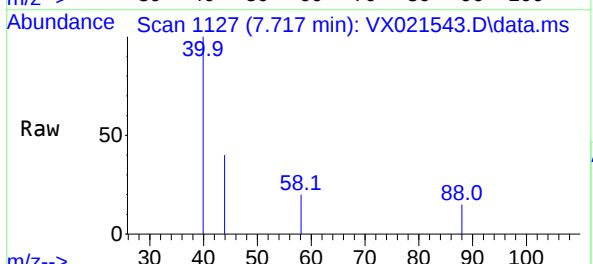
Tgt Ion: 88 Resp: 58

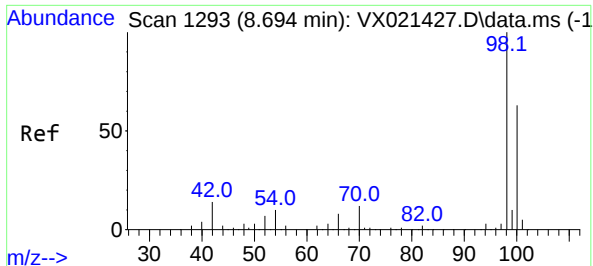
Ion Ratio Lower Upper

88 100

43 0.0 23.2 34.8#

58 43.1 55.0 82.4#



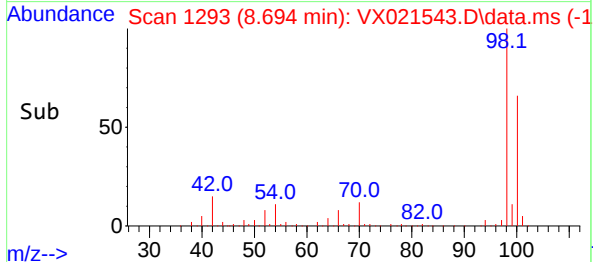
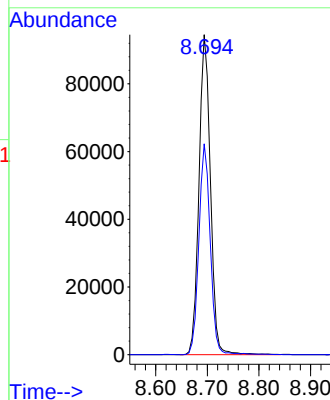
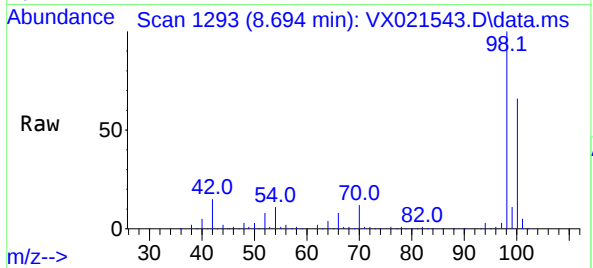


#50
Toluene-d8
Concen: 46.51 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

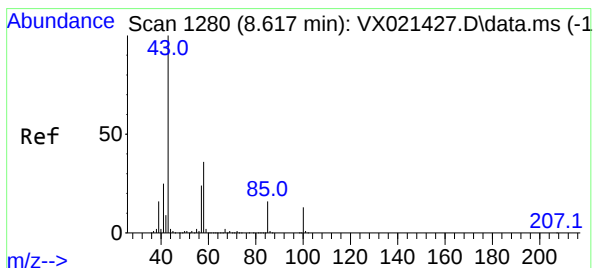
Tgt Ion: 98 Resp: 145255
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9

Instrument :
MSVOA_X
ClientSampleId :
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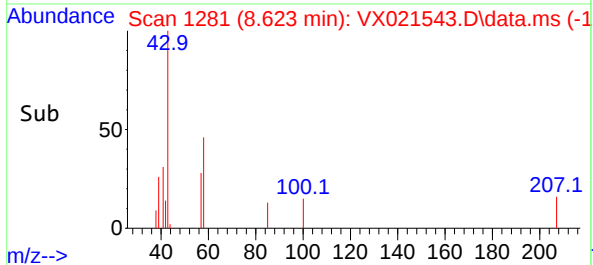
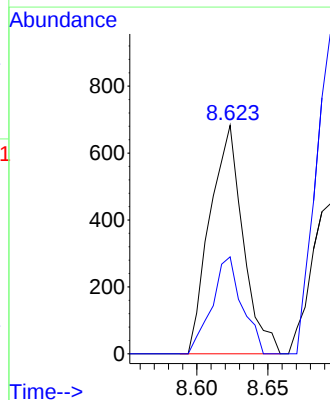
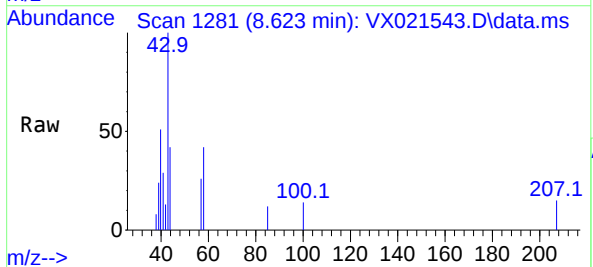
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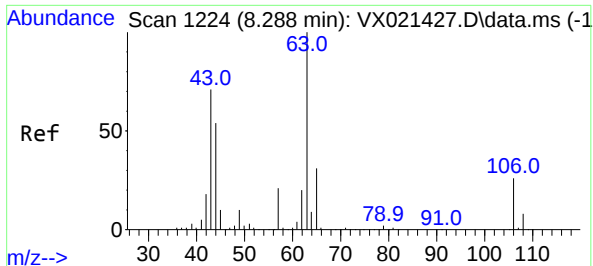


#51
4-Methyl-2-Pentanone
Concen: 0.80 ug/l
RT: 8.623 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

Tgt Ion: 43 Resp: 1112
Ion Ratio Lower Upper
43 100
58 38.6 35.4 53.0

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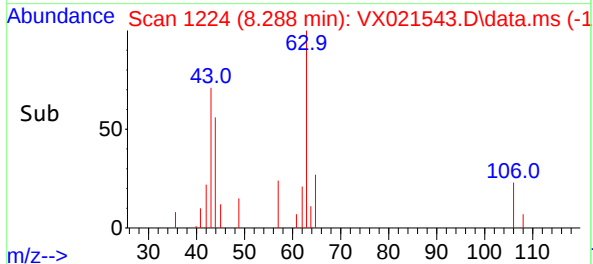
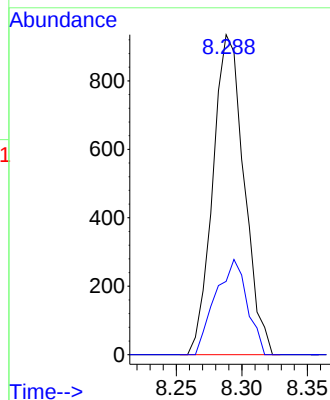
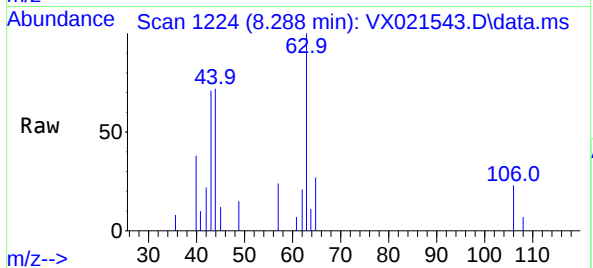


#58
2-Chloroethyl Vinyl ether
Concen: 2.05 ug/l
RT: 8.288 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

Tgt Ion: 63 Resp: 1550
Ion Ratio Lower Upper
63 100
106 30.1 23.5 35.3

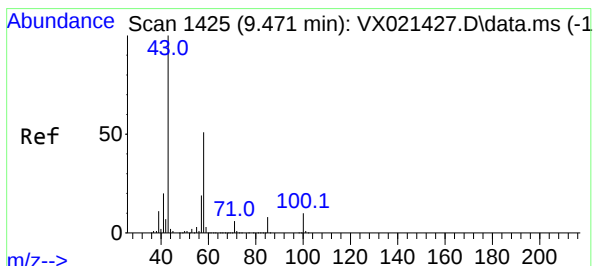
Instrument :
MSVOA_X
ClientSampled :
MDL-WATER-03-QT1-2021

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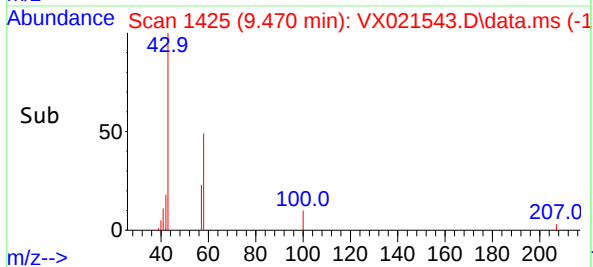
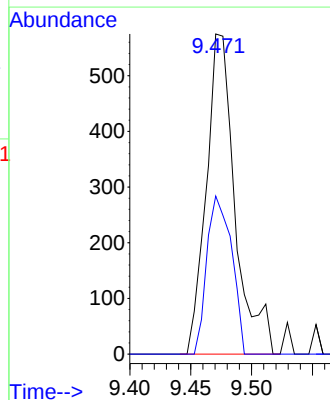
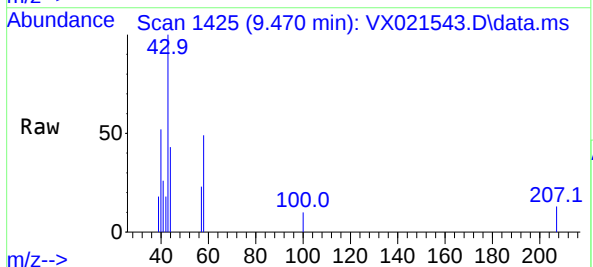
SAM

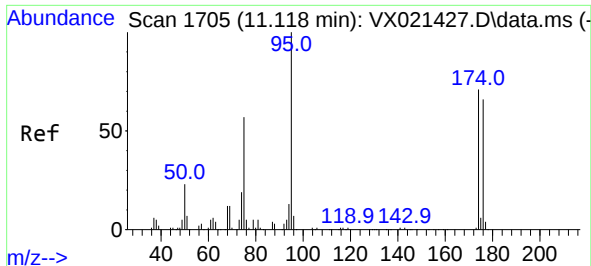
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#59
2-Hexanone
Concen: 0.90 ug/l
RT: 9.470 min Scan# 1425
Delta R.T. -0.001 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

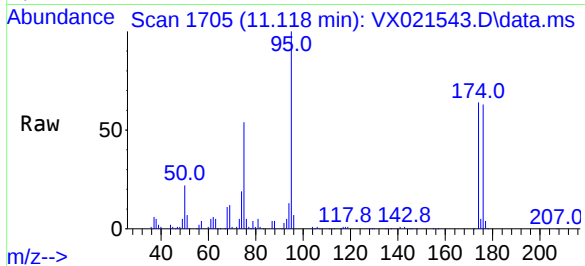
Tgt Ion: 43 Resp: 948
Ion Ratio Lower Upper
43 100
58 42.4 30.9 92.8





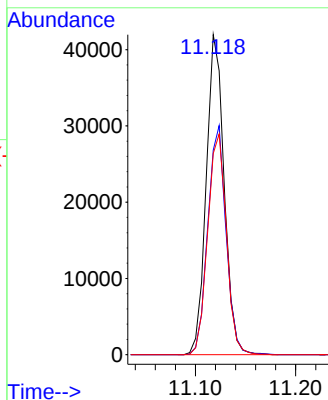
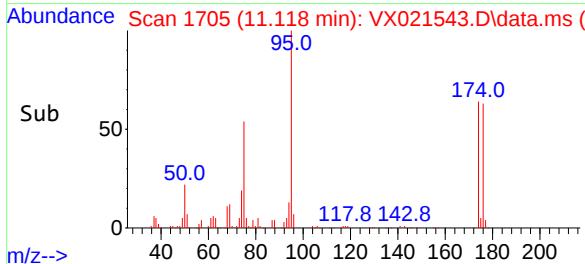
#62
4-Bromofluorobenzene
Concen: 43.03 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

Instrument :
MSVOA_X
ClientSampleId :
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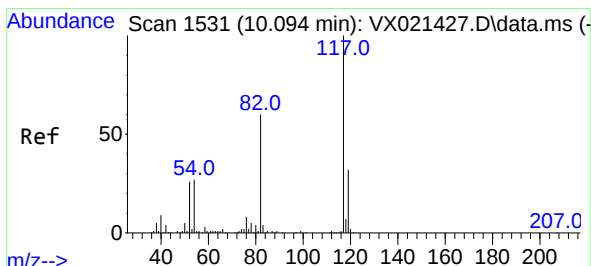


Tgt Ion: 95 Resp: 52244
Ion Ratio Lower Upper
95 100
174 73.0 0.0 154.6
176 71.8 0.0 155.8

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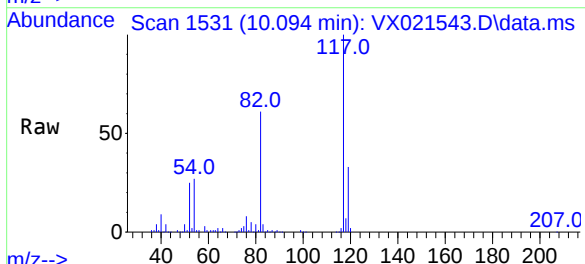


SAM

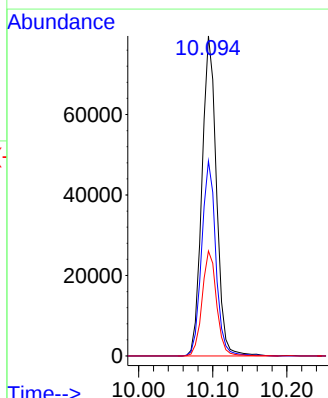
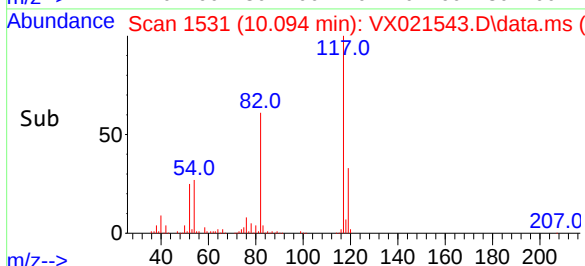


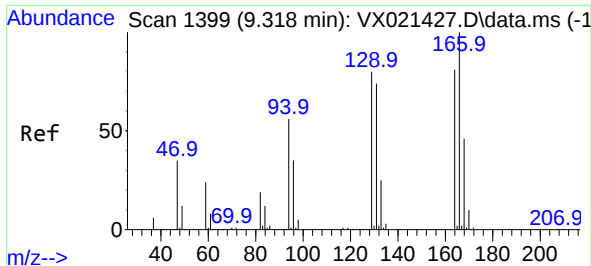
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

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Tgt Ion: 117 Resp: 108123
Ion Ratio Lower Upper
117 100
82 60.9 47.4 71.2
119 32.8 26.6 39.8



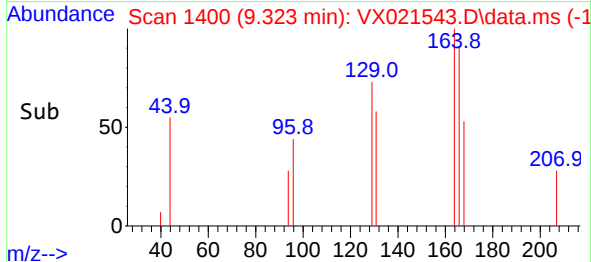
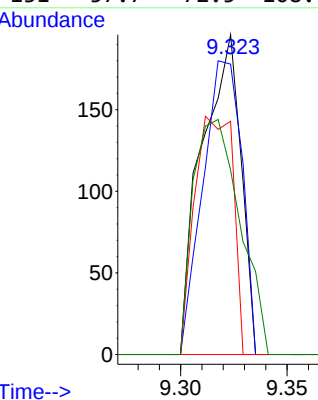
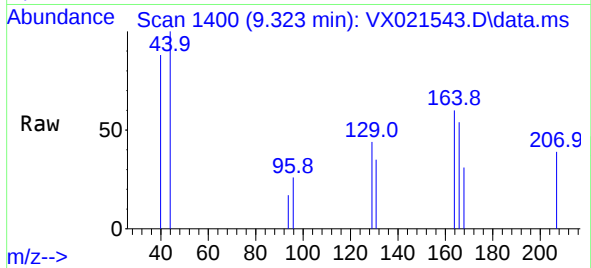


#64
Tetrachloroethene
Concen: 0.34 ug/l
RT: 9.323 min Scan# 1400
Delta R.T. 0.005 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

Tgt Ion:164 Resp: 249
Ion Ratio Lower Upper
164 100
166 90.8 103.4 155.2#
129 73.0 70.8 106.2
131 57.7 72.5 108.7#

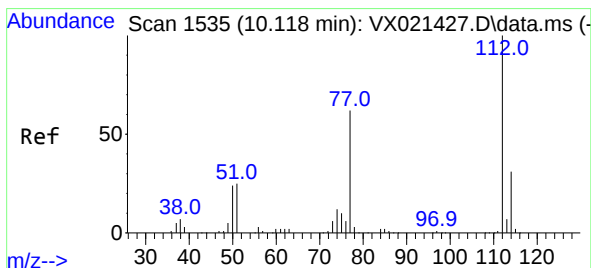
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2021

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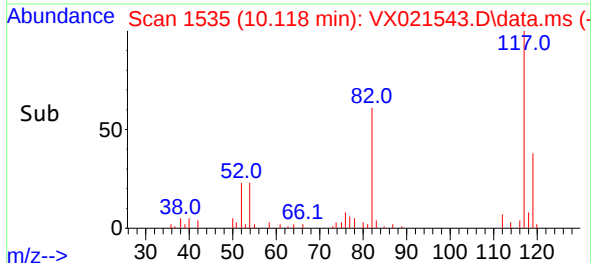
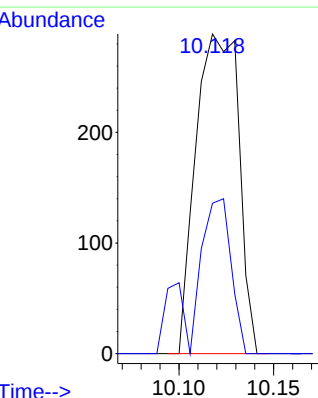
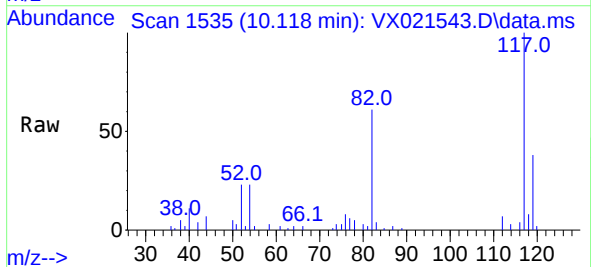
SAM

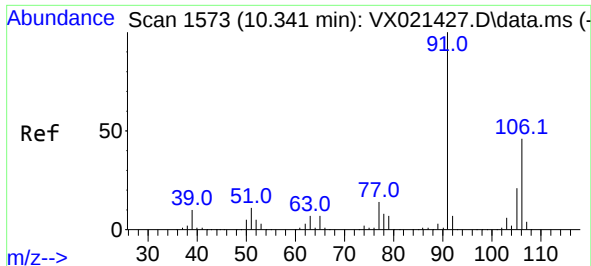
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#65
Chlorobenzene
Concen: 0.21 ug/l
RT: 10.118 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

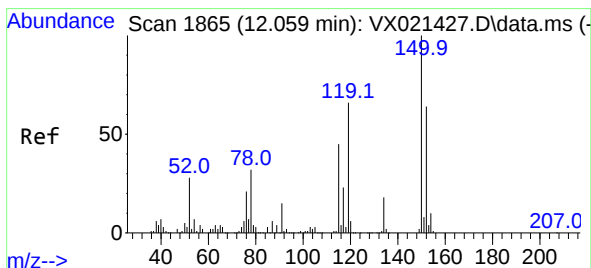
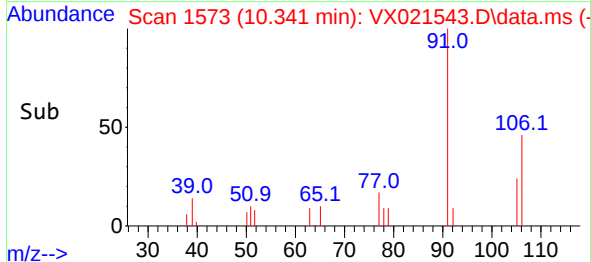
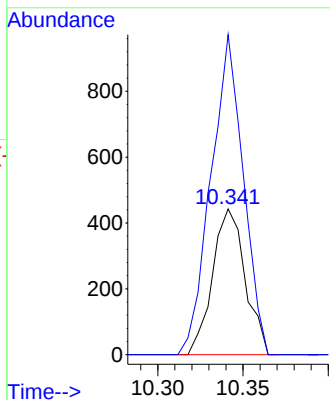
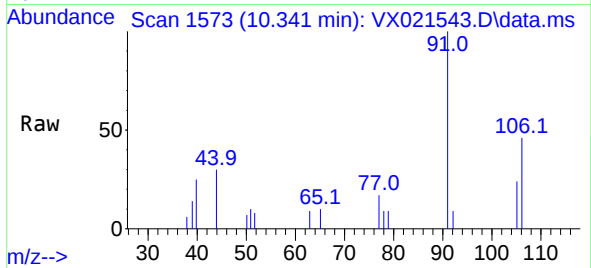
Tgt Ion:112 Resp: 455
Ion Ratio Lower Upper
112 100
114 47.1 25.8 38.6#





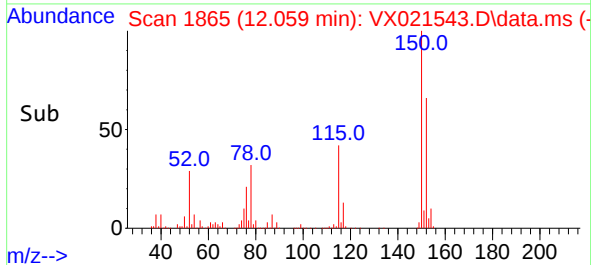
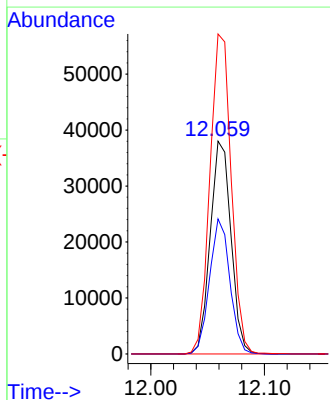
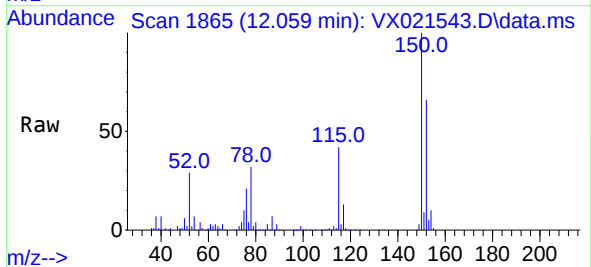
#68
m/p-Xylenes
Concen: 0.42 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

Tgt Ion:106 Resp: 590
Ion Ratio Lower Upper
106 100
91 218.1 162.8 244.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

Tgt Ion:152 Resp: 48288
Ion Ratio Lower Upper
152 100
115 62.1 41.1 123.3
150 154.5 0.0 349.0

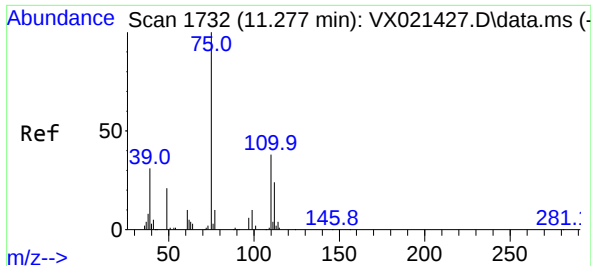


Instrument :
MSVOA_X
ClientSampleId :
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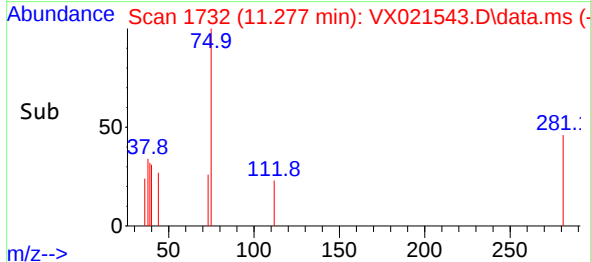
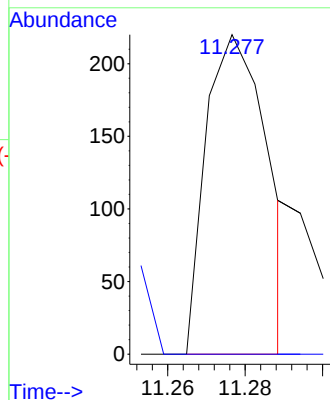
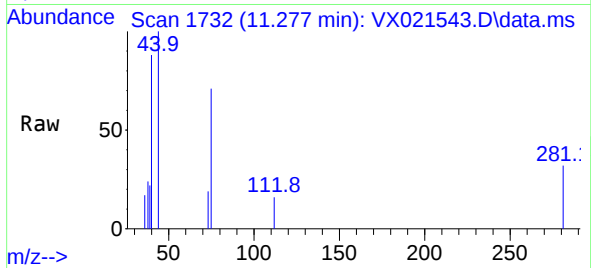


#76
1,2,3-Trichloropropane
Concen: 0.22 ug/l m
RT: 11.277 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

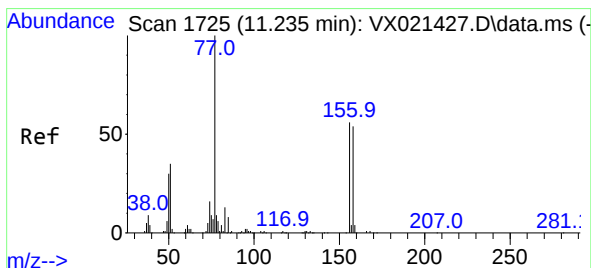
Tgt Ion: 75 Resp: 244
Ion Ratio Lower Upper
75 100
77 143.4 19.1 57.5#

Instrument :
MSVOA_X
ClientSampleId :
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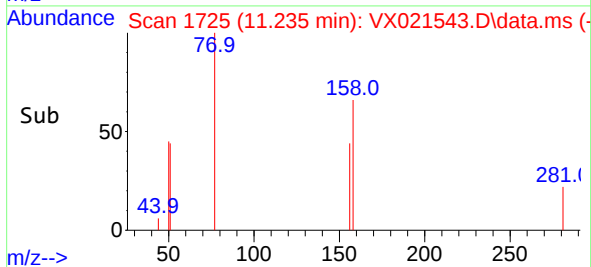
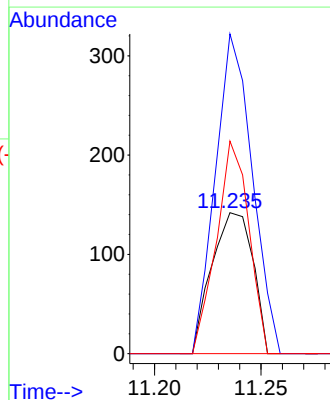
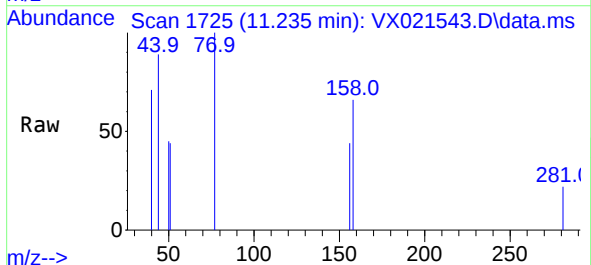
SAM

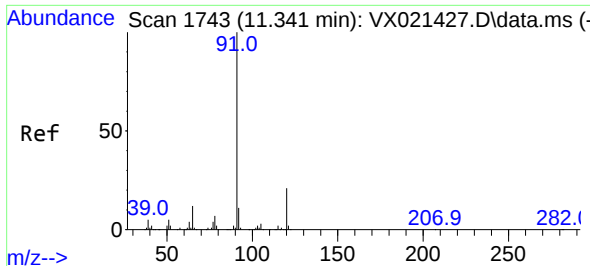


#77
Bromobenzene
Concen: 0.23 ug/l
RT: 11.235 min Scan# 1725
Delta R.T. 0.000 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

Tgt Ion: 156 Resp: 191
Ion Ratio Lower Upper
156 100
77 203.1 82.8 248.6
158 118.8 49.1 147.4

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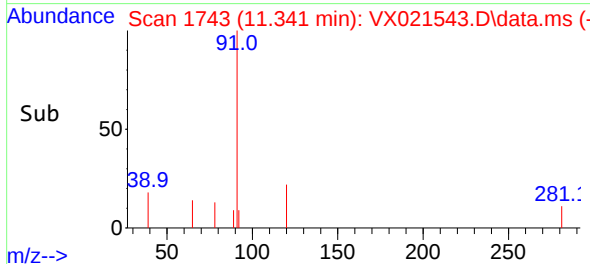
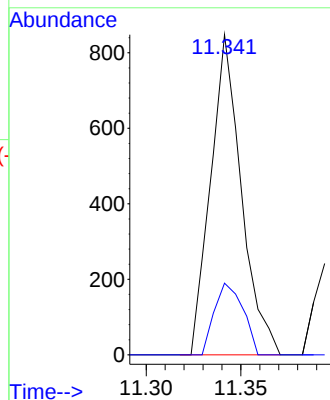
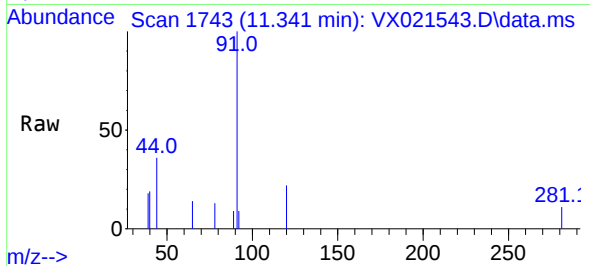


#78
n-propylbenzene
Concen: 0.24 ug/l
RT: 11.341 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

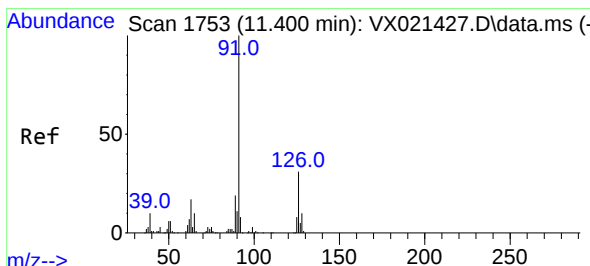
Tgt Ion: 91 Resp: 957
Ion Ratio Lower Upper
91 100
120 20.8 11.5 34.5

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2021

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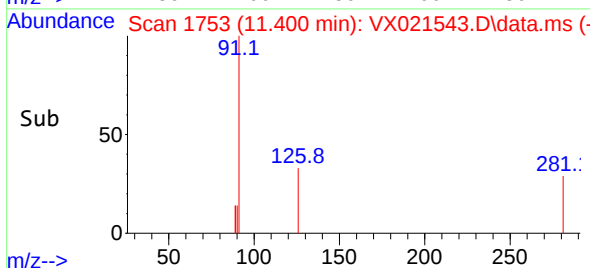
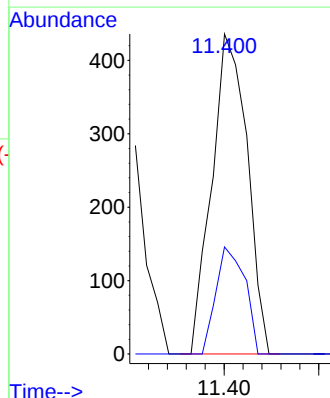
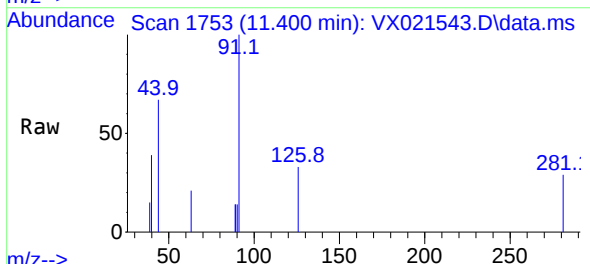
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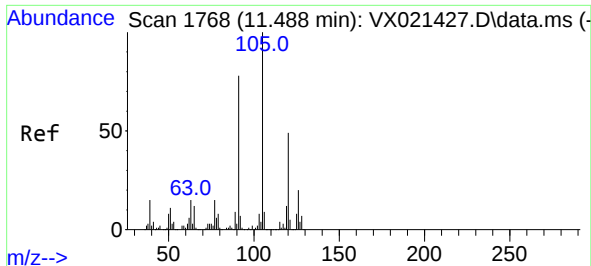


#79
2-Chlorotoluene
Concen: 0.23 ug/l
RT: 11.400 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

Tgt Ion: 91 Resp: 566
Ion Ratio Lower Upper
91 100
126 27.4 16.6 49.8

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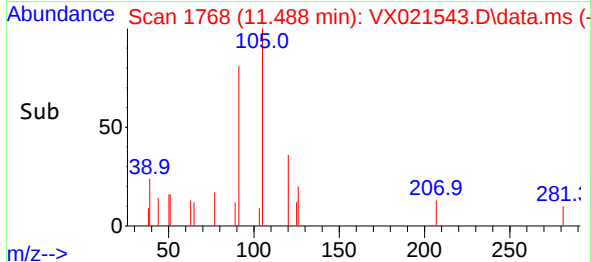
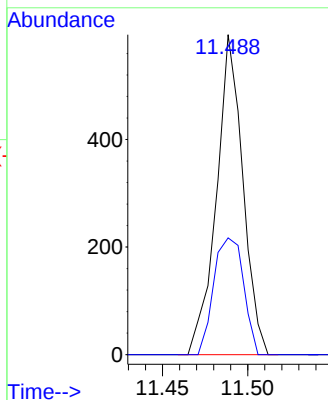
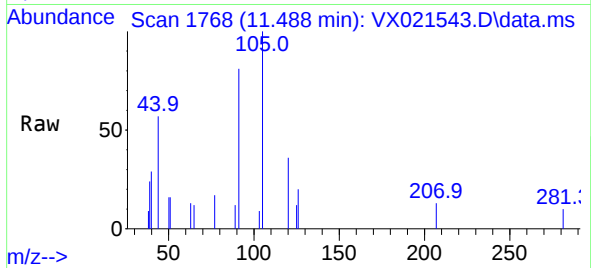


#80
1,3,5-Trimethylbenzene
Concen: 0.22 ug/l
RT: 11.488 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

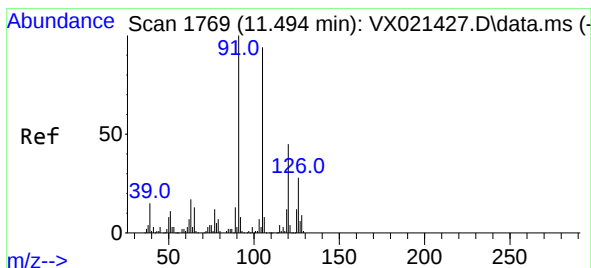
Tgt Ion: 105 Resp: 641
Ion Ratio Lower Upper
105 100
120 41.0 23.8 71.5

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2021

Manual Integrations
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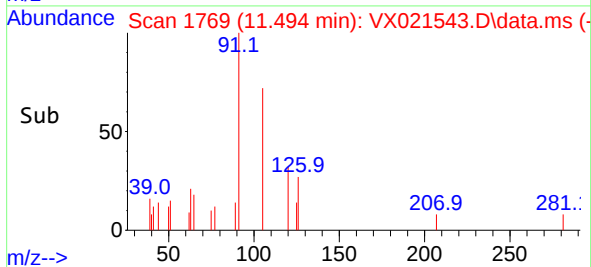
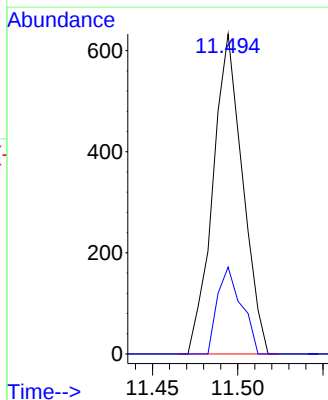
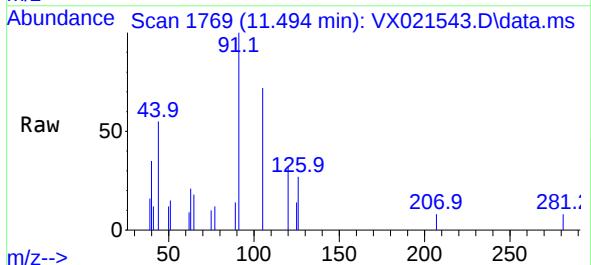
SAM

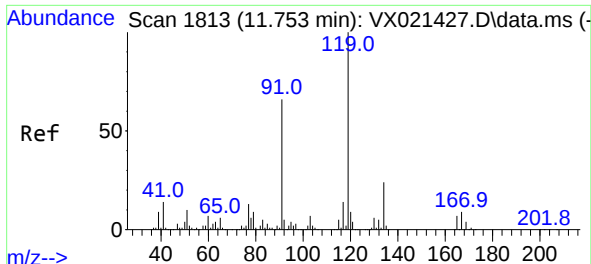


#82
4-Chlorotoluene
Concen: 0.27 ug/l
RT: 11.494 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

Tgt Ion: 91 Resp: 768
Ion Ratio Lower Upper
91 100
126 21.9 14.9 44.5

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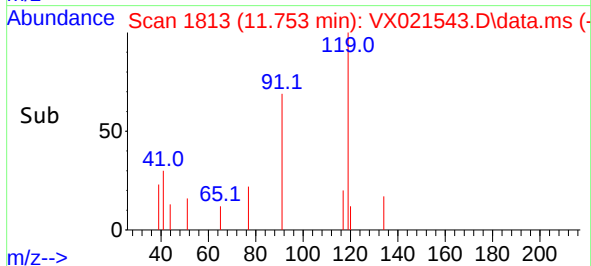
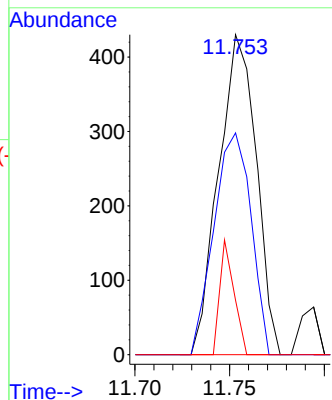
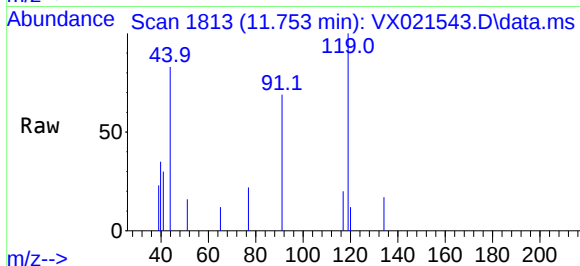


#83
tert-Butylbenzene
Concen: 0.21 ug/l
RT: 11.753 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

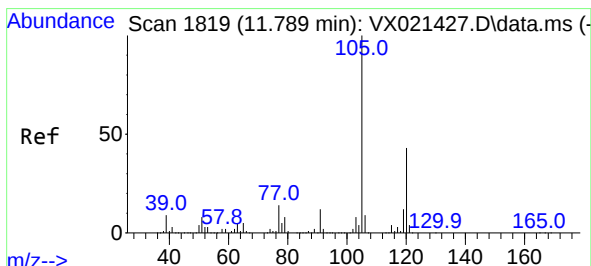
Tgt Ion:119 Resp: 594
Ion Ratio Lower Upper
119 100
91 68.2 27.9 83.7
134 13.5 11.3 33.9

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2021

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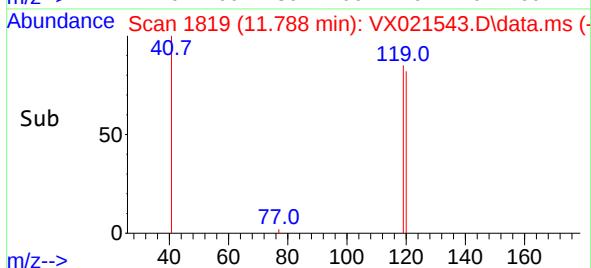
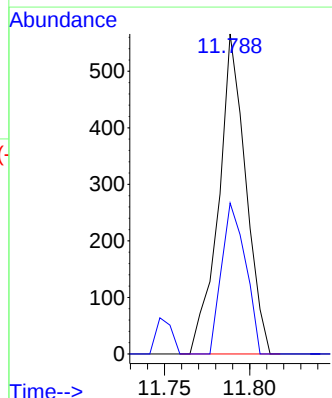
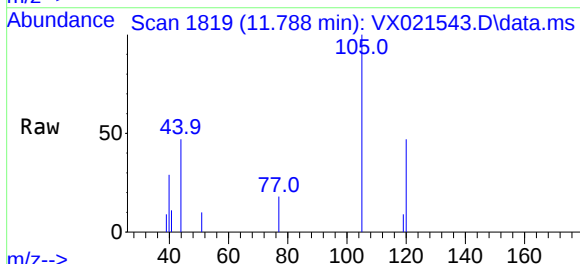
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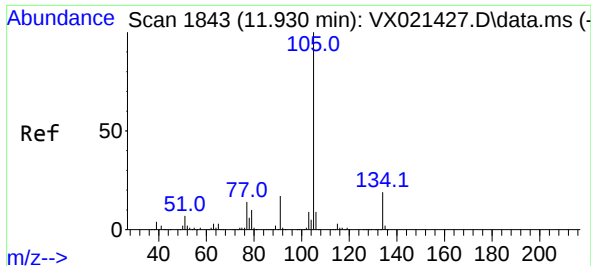


#84
1,2,4-Trimethylbenzene
Concen: 0.21 ug/l
RT: 11.788 min Scan# 1819
Delta R.T. -0.001 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

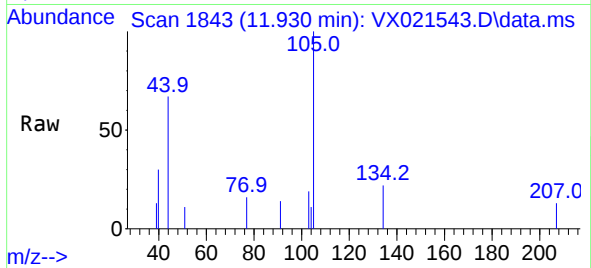
Tgt Ion:105 Resp: 627
Ion Ratio Lower Upper
105 100
120 41.5 22.4 67.3

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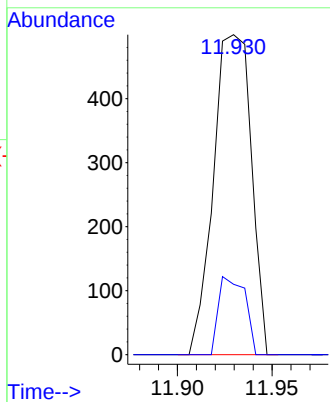
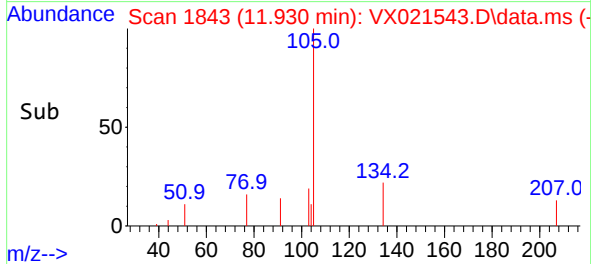




#85
 sec-Butylbenzene
 Concen: 0.21 ug/l
 RT: 11.930 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: VX021543.D
 Acq: 26 Mar 2021 21:14



Tgt Ion:105 Resp: 696
 Ion Ratio Lower Upper
 105 100
 134 17.1 10.0 29.8

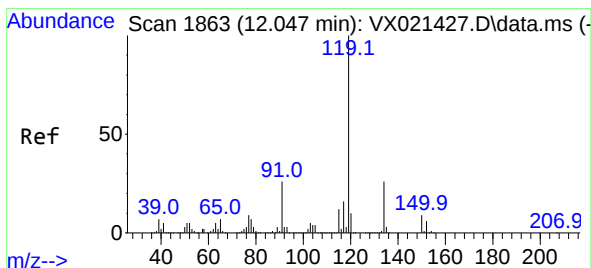


Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2021

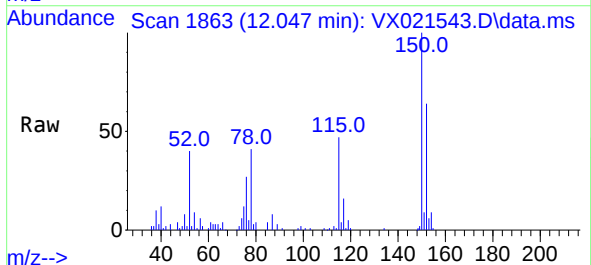
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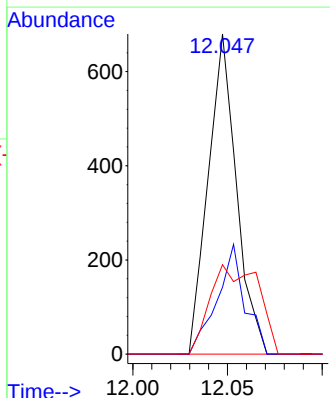
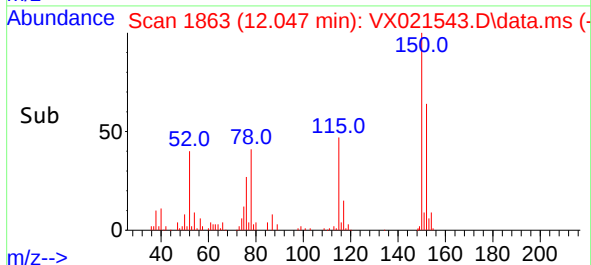
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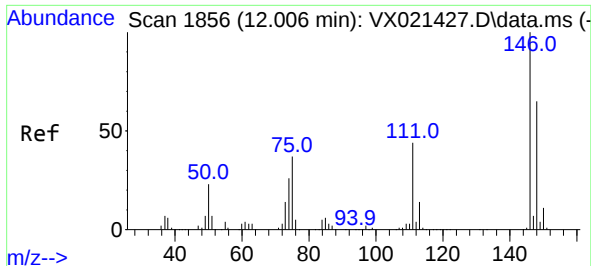


#86
 p-Isopropyltoluene
 Concen: 0.24 ug/l
 RT: 12.047 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VX021543.D
 Acq: 26 Mar 2021 21:14



Tgt Ion:119 Resp: 705
 Ion Ratio Lower Upper
 119 100
 134 33.9 12.9 38.7
 91 47.5 11.7 35.0#





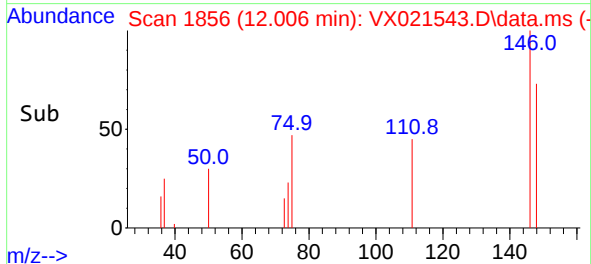
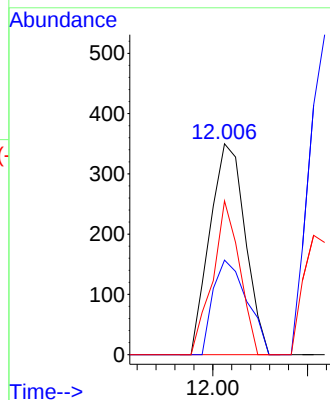
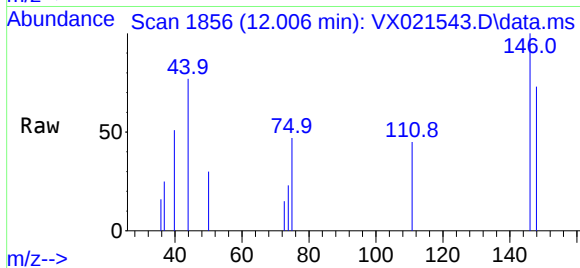
#87

1,3-Dichlorobenzene
Concen: 0.30 ug/l
RT: 12.006 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

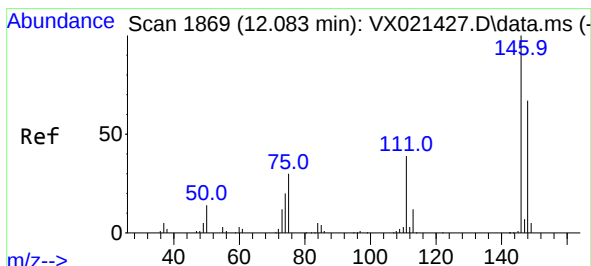
Tgt Ion:146 Resp: 454
Ion Ratio Lower Upper
146 100
111 43.2 20.2 60.5
148 55.5 31.9 95.7

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2021

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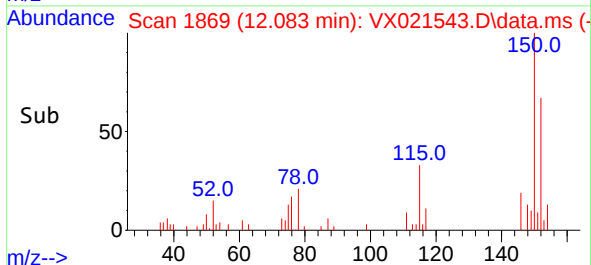
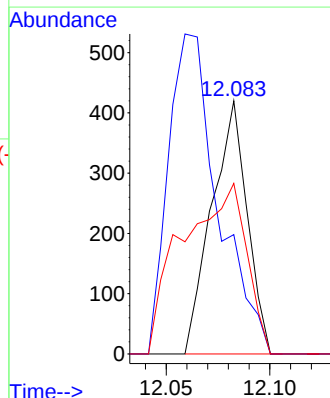
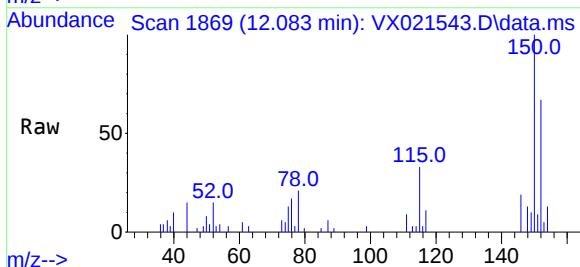


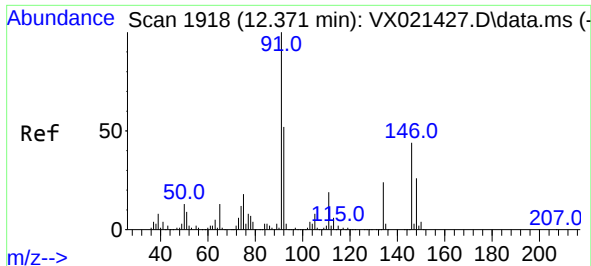
#88

1,4-Dichlorobenzene
Concen: 0.32 ug/l m
RT: 12.083 min Scan# 1869
Delta R.T. -0.000 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

Tgt Ion:146 Resp: 499
Ion Ratio Lower Upper
146 100
111 39.3 19.6 58.8
148 50.5 31.6 95.0

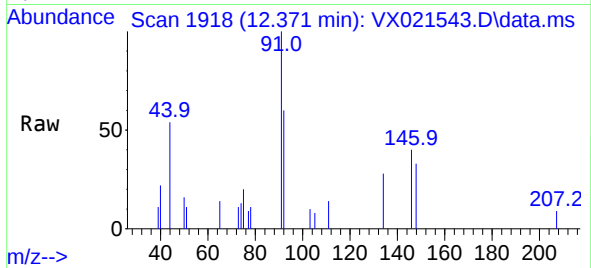
3/30/2021 7:15:31 PM





#89
n-Butylbenzene
Concen: 0.26 ug/l
RT: 12.371 min Scan# 1918
Delta R.T. -0.000 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

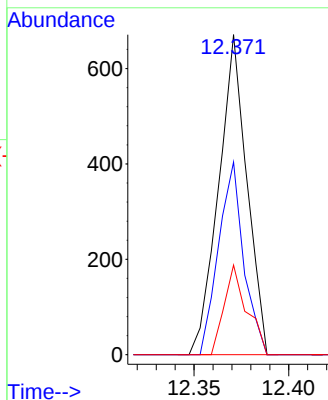
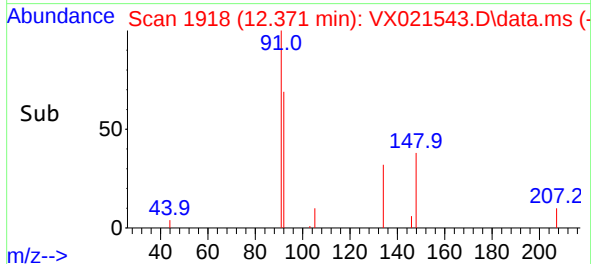
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2021



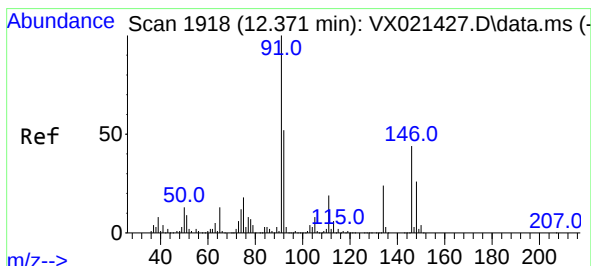
Tgt Ion: 91 Resp: 695

Ion	Ratio	Lower	Upper
91	100		
92	53.7	27.4	82.0
134	22.6	13.2	39.5

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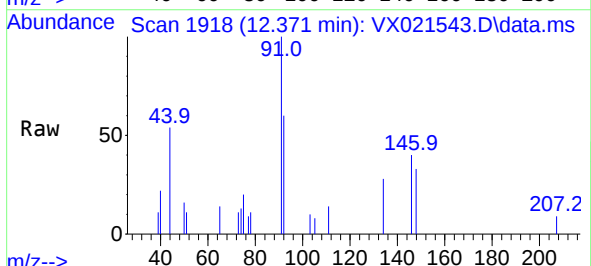


SAM



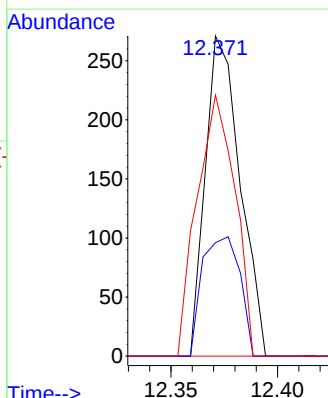
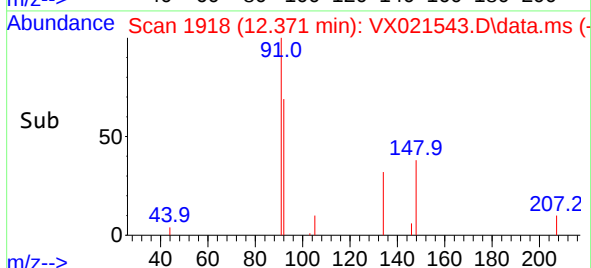
#91
1,2-Dichlorobenzene
Concen: 0.21 ug/l
RT: 12.371 min Scan# 1918
Delta R.T. -0.000 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

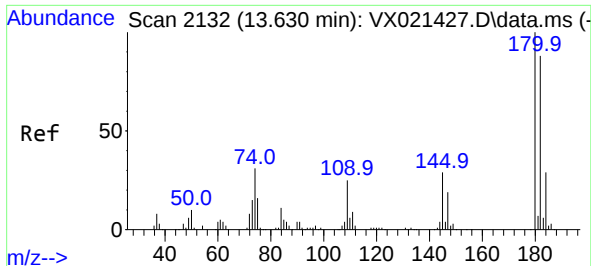
3/30/2021 7:15:31 PM



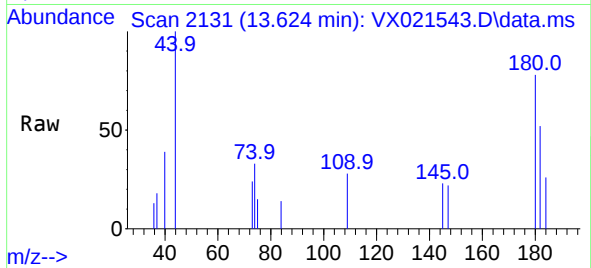
Tgt Ion: 146 Resp: 307

Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.8	62.2
148	89.3	31.9	95.5

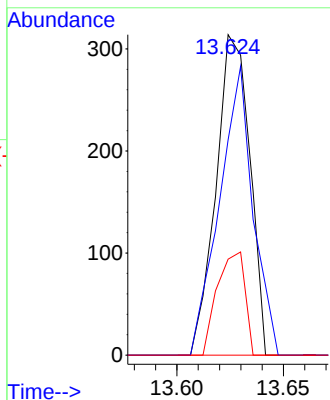
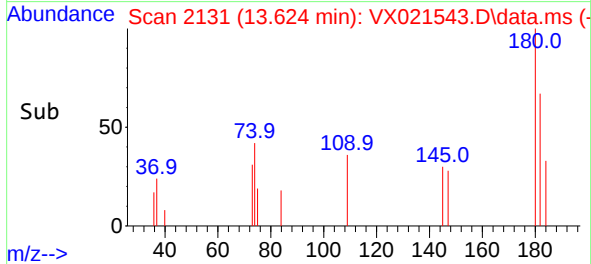




#93
1,2,4-Trichlorobenzene
Concen: 0.36 ug/l
RT: 13.624 min Scan# 2131
Delta R.T. -0.006 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14



Tgt Ion:180 Resp: 347
Ion Ratio Lower Upper
180 100
182 89.3 47.7 143.1
145 26.2 15.0 45.0

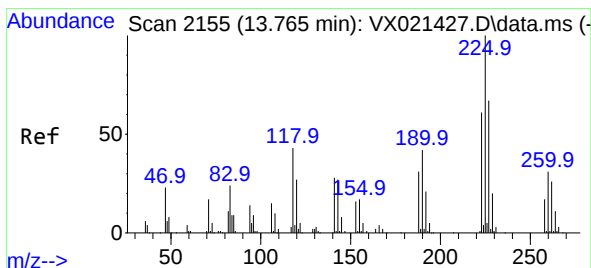


Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2021

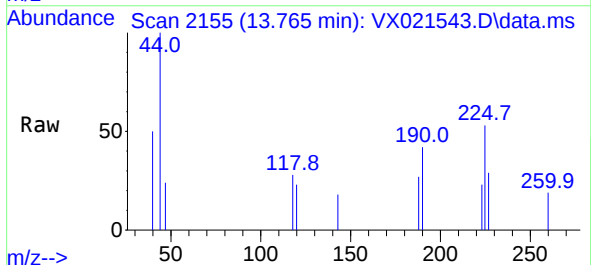
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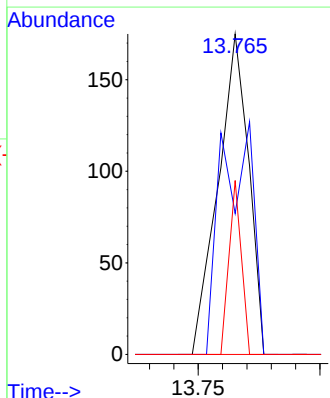
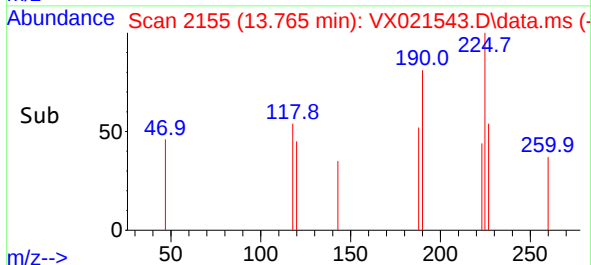
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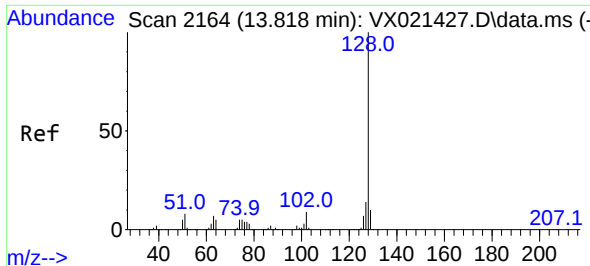


#94
Hexachlorobutadiene
Concen: 0.35 ug/l
RT: 13.765 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14



Tgt Ion:225 Resp: 152
Ion Ratio Lower Upper
225 100
223 75.7 31.1 93.2
227 22.4 31.6 95.0#



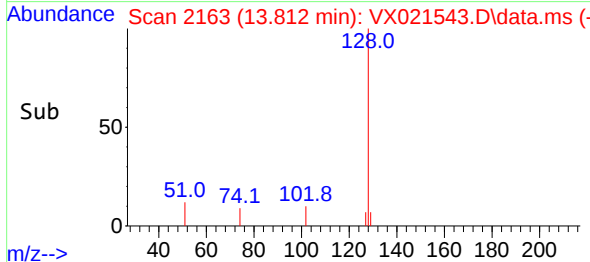
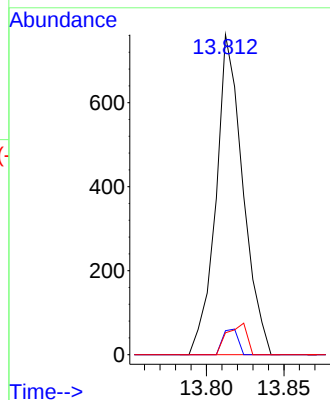
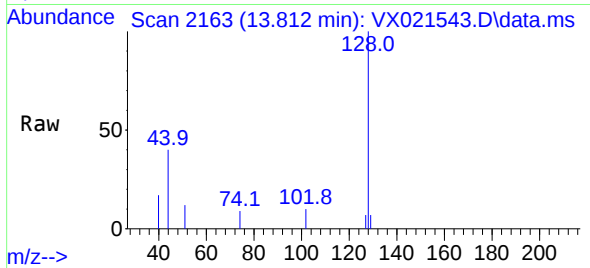


#95
Naphthalene
Concen: 0.29 ug/l
RT: 13.812 min Scan# 2163
Delta R.T. -0.006 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

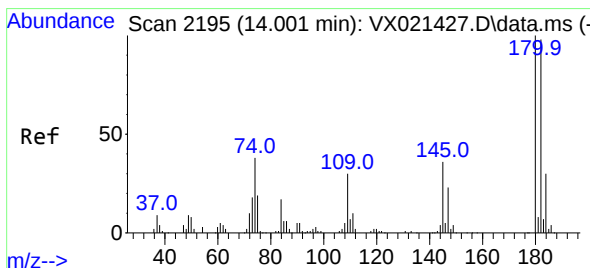
Tgt Ion:128 Resp: 922
Ion Ratio Lower Upper
128 100
127 4.6 10.3 15.5#
129 7.2 8.8 13.2#

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2021

Manual Integrations
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SAM



#96
1,2,3-Trichlorobenzene
Concen: 0.35 ug/l
RT: 14.001 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VX021543.D
Acq: 26 Mar 2021 21:14

Tgt Ion:180 Resp: 339
Ion Ratio Lower Upper
180 100
182 90.3 47.6 142.9
145 7.1 16.1 48.3#

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