

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032521\
 Data File : VX021478.D
 Acq On : 25 Mar 2021 12:30
 Operator : JC/MD
 Sample : M1458-09 .2PPB MDL
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
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 3/26/2021 1:13:53 PM

Quant Time: Mar 26 04:18:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 04:13:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	70724	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	122376	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	109494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	47286	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	59999	50.99	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.98%			
35) Dibromofluoromethane	5.464	113	41328	47.54	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.08%			
50) Toluene-d8	8.694	98	141675	45.74	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 91.48%#			
62) 4-Bromofluorobenzene	11.118	95	52795	43.84	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 87.68%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.181	85	158	0.20	ug/l #	42
3) Chloromethane	1.316	50	2001	2.02	ug/l	94
4) Vinyl Chloride	1.393	62	210	0.26	ug/l #	71
5) Bromomethane	1.622	94	271	0.85	ug/l #	37
6) Chloroethane	1.711	64	109	0.22	ug/l #	43
10) Methyl Iodide	2.487	142	235	0.46	ug/l #	42
11) Tert butyl alcohol	3.017	59	206	1.06	ug/l #	73
12) 1,1-Dichloroethene	2.352	96	178	0.25	ug/l #	65
13) Acrolein	2.275	56	170	1.57	ug/l #	1
14) Allyl chloride	2.717	41	446	0.31	ug/l #	73
15) Acrylonitrile	3.123	53	520	1.12	ug/l #	85
16) Acetone	2.422	43	827	1.86	ug/l #	86
17) Carbon Disulfide	2.546	76	813	0.41	ug/l #	75
18) Methyl Acetate	2.752	43	448	0.35	ug/l #	56
19) Methyl tert-butyl Ether	3.176	73	554	0.21	ug/l #	55
20) Methylene Chloride	2.846	84	438	0.50	ug/l #	76
21) trans-1,2-Dichloroethene	3.146	96	180	0.23	ug/l	90
23) Vinyl Acetate	3.787	43	2224	0.94	ug/l #	85
25) 2-Butanone	4.640	43	750	1.11	ug/l #	45
27) cis-1,2-Dichloroethene	4.552	96	204	0.22	ug/l	68
28) Bromochloromethane	4.982	49	189	0.25	ug/l #	9
29) Tetrahydrofuran	5.117	42	499	1.14	ug/l #	39
30) Chloroform	5.182	83	362	0.23	ug/l #	73
37) Ethyl Acetate	4.799	43	343m	0.25	ug/l	
40) Benzene	6.111	78	699	0.21	ug/l	94
42) 1,2-Dichloroethane	6.170	62	468	0.32	ug/l #	73
43) Isopropyl Acetate	6.417	43	465	0.21	ug/l #	57
44) Trichloroethene	7.200	130	213	0.24	ug/l	62
49) 1,4-Dioxane	7.717	88	66	3.07	ug/l #	45
51) 4-Methyl-2-Pentanone	8.623	43	1240	0.90	ug/l	88
53) t-1,3-Dichloropropene	9.029	75	288	0.21	ug/l	95
54) cis-1,3-Dichloropropene	8.417	75	297	0.20	ug/l #	31
58) 2-Chloroethyl Vinyl ether	8.288	63	1543	2.06	ug/l	92
59) 2-Hexanone	9.470	43	1050	1.01	ug/l	74
65) Chlorobenzene	10.118	112	478	0.22	ug/l	100
68) m/p-Xylenes	10.341	106	495	0.35	ug/l	77

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

69) o-Xylene	10.682	106	302	0.22	ug/l	69
74) N-amyl acetate	10.877	43	467	0.29	ug/l #	66
75) 1,1,2,2-Tetrachloroethane	11.247	83	265	0.23	ug/l #	92
76) 1,2,3-Trichloropropane	11.271	75	254m	0.23	ug/l	
77) Bromobenzene	11.241	156	179	0.22	ug/l	73
78) n-propylbenzene	11.341	91	800	0.20	ug/l	98
79) 2-Chlorotoluene	11.406	91	580	0.24	ug/l	81
82) 4-Chlorotoluene	11.494	91	642	0.23	ug/l	87
83) tert-Butylbenzene	11.759	119	553	0.20	ug/l	91
86) p-Isopropyltoluene	12.047	119	612	0.21	ug/l #	74
87) 1,3-Dichlorobenzene	12.006	146	421	0.28	ug/l	94
88) 1,4-Dichlorobenzene	12.083	146	508m	0.33	ug/l	
89) n-Butylbenzene	12.371	91	642	0.24	ug/l	90
91) 1,2-Dichlorobenzene	12.377	146	355	0.25	ug/l	87
92) 1,2-Dibromo-3-Chloropr...	12.983	75	61	0.23	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.624	180	322	0.34	ug/l	77
94) Hexachlorobutadiene	13.765	225	131	0.31	ug/l #	60
95) Naphthalene	13.818	128	764	0.25	ug/l #	92
96) 1,2,3-Trichlorobenzene	14.000	180	289	0.31	ug/l	83

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

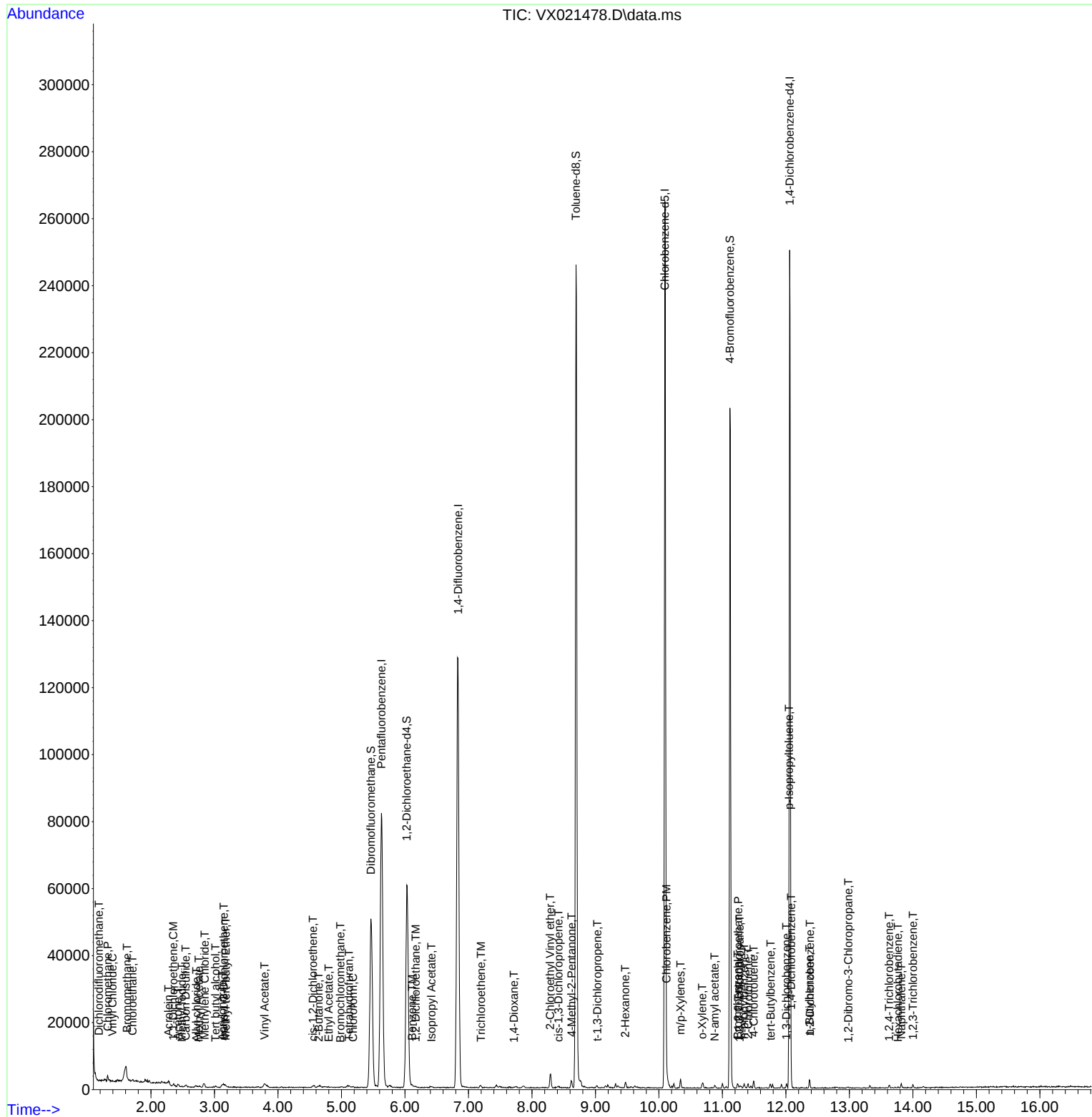
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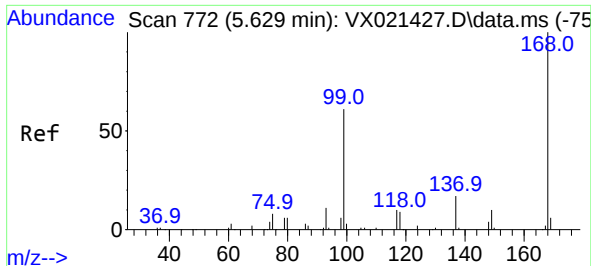
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ClientSampleId :
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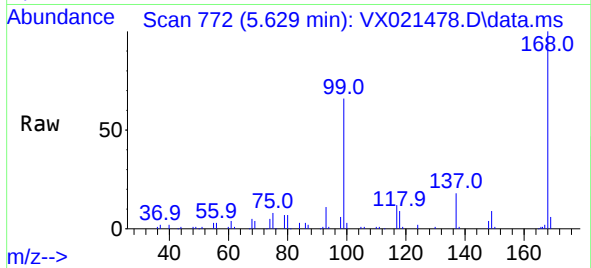
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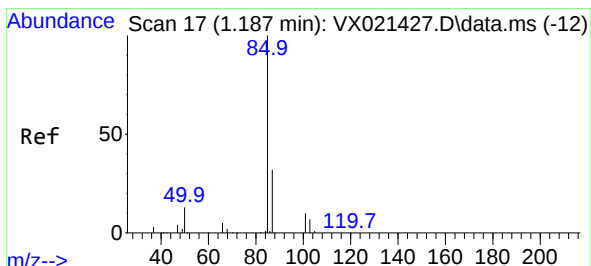
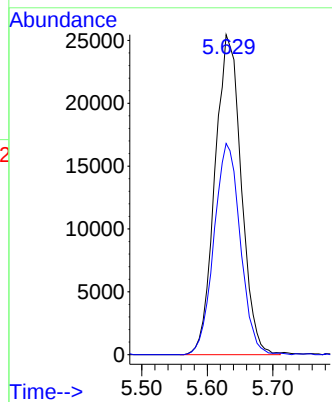
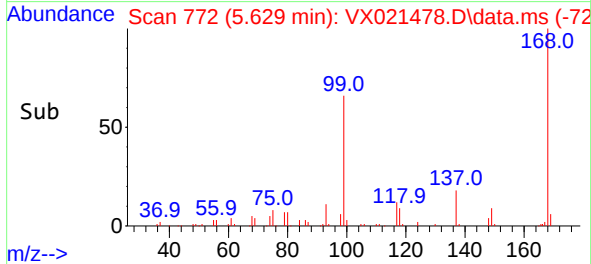




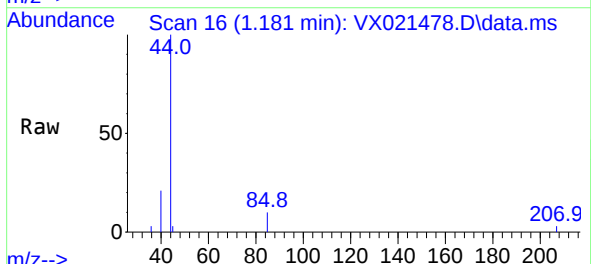
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30



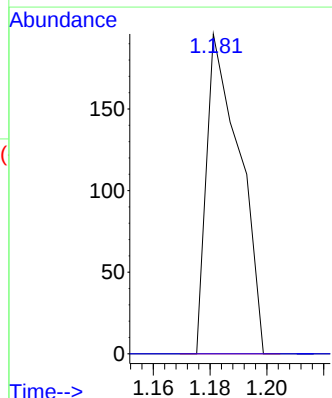
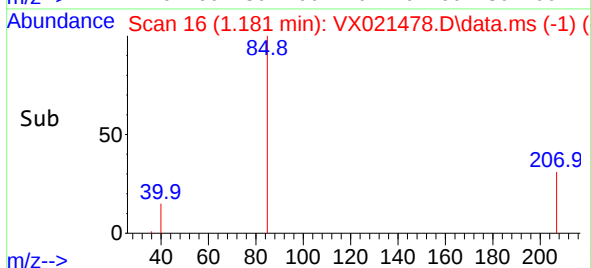
Tgt Ion:168 Resp: 70724
Ion Ratio Lower Upper
168 100
99 66.0 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.20 ug/l
RT: 1.181 min Scan# 16
Delta R.T. -0.006 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30



Tgt Ion: 85 Resp: 158
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.2#

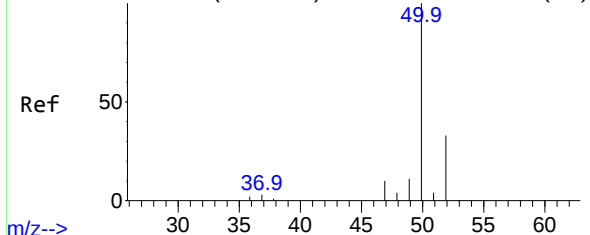


Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2021

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Abundance Scan 38 (1.311 min): VX021427.D\data.ms (-33)



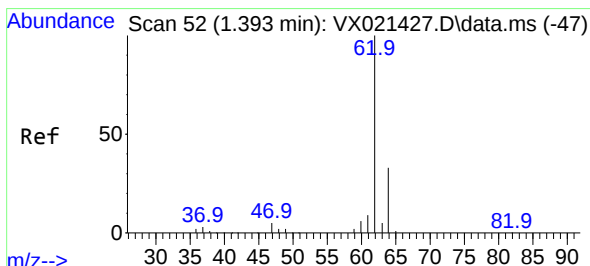
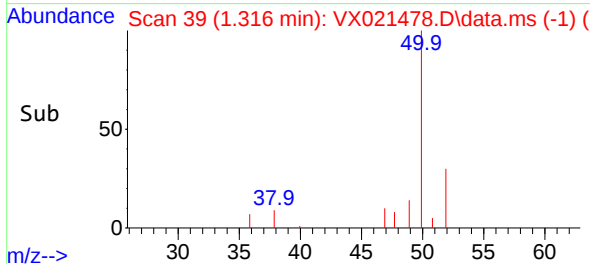
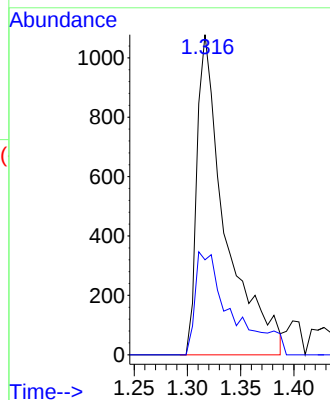
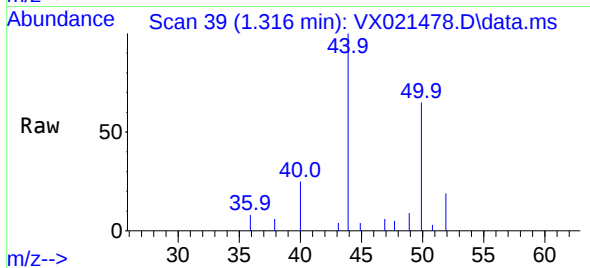
#3
Chloromethane
Concen: 2.02 ug/l
RT: 1.316 min Scan# 39
Delta R.T. 0.005 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30

Tgt Ion: 50 Resp: 2001
Ion Ratio Lower Upper
50 100
52 29.7 26.4 39.6

Instrument :
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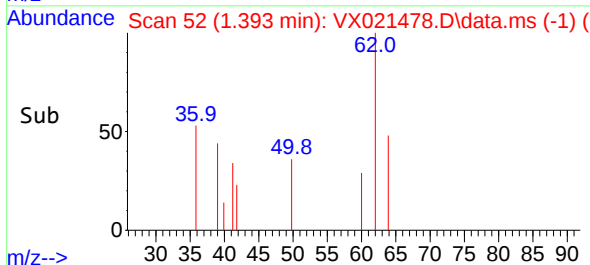
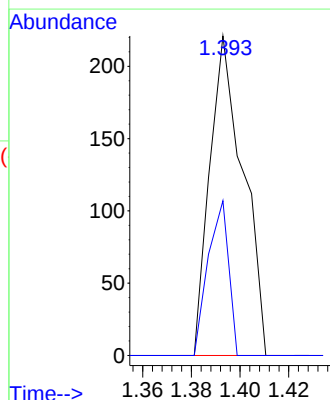
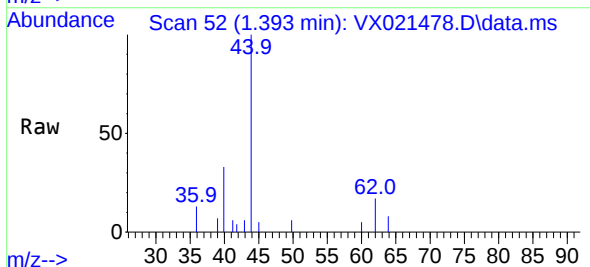
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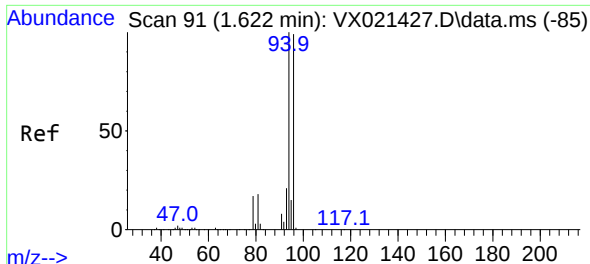
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#4
Vinyl Chloride
Concen: 0.26 ug/l
RT: 1.393 min Scan# 52
Delta R.T. -0.000 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30

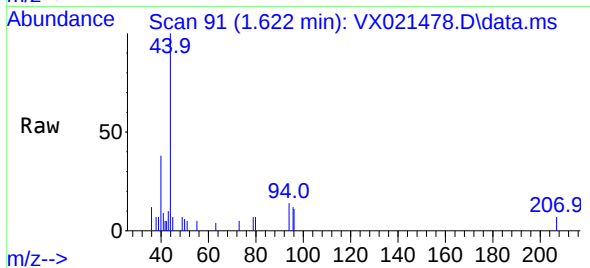
Tgt Ion: 62 Resp: 210
Ion Ratio Lower Upper
62 100
64 48.4 25.7 38.5#





#5
Bromomethane
Concen: 0.85 ug/l
RT: 1.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30

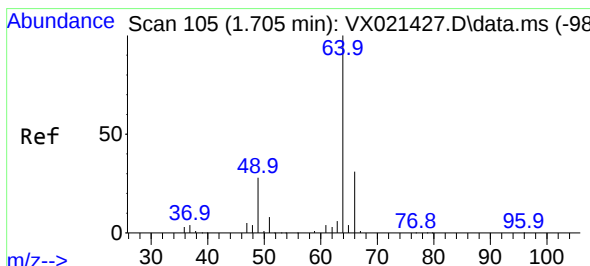
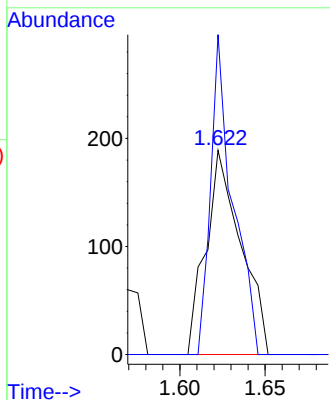
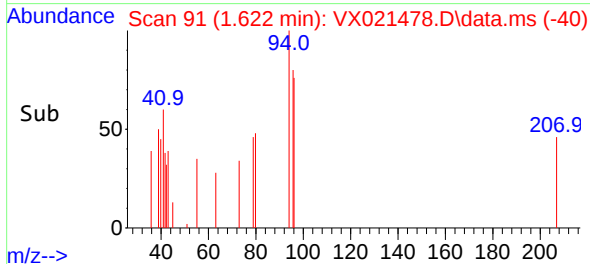
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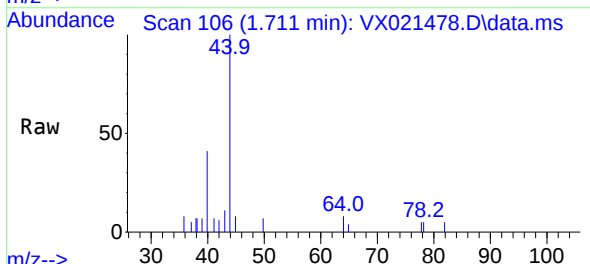
Tgt Ion: 94 Resp: 271
Ion Ratio Lower Upper
94 100
96 156.6 76.4 114.6#

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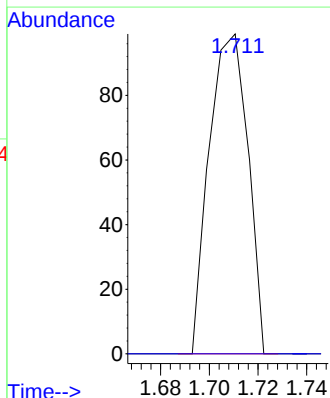
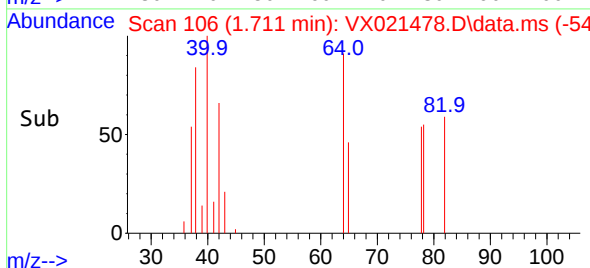
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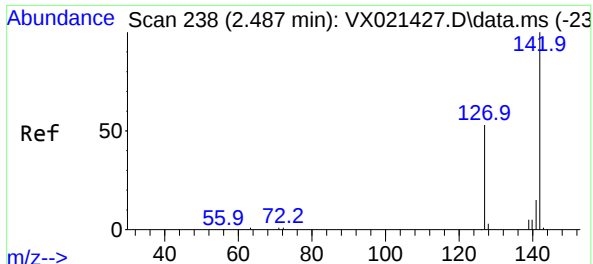


#6
Chloroethane
Concen: 0.22 ug/l
RT: 1.711 min Scan# 106
Delta R.T. 0.006 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30



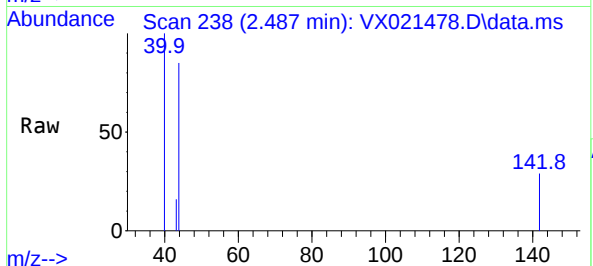
Tgt Ion: 64 Resp: 109
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#





#10
Methyl Iodide
Concen: 0.46 ug/l
RT: 2.487 min Scan# 238
Delta R.T. 0.000 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30

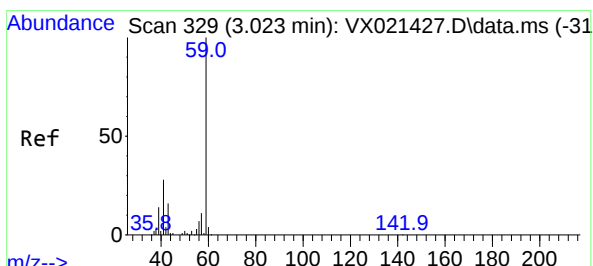
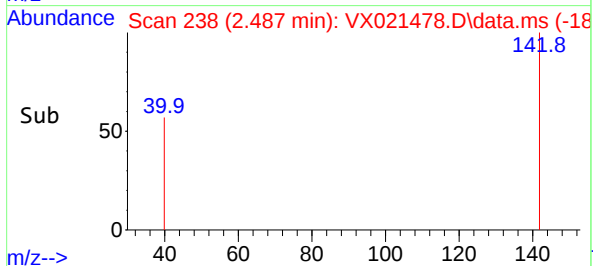
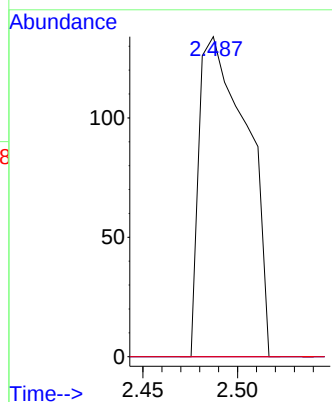
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Tgt Ion:	142	Resp:	235
Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.3	49.9#
141	0.0	11.4	17.0#

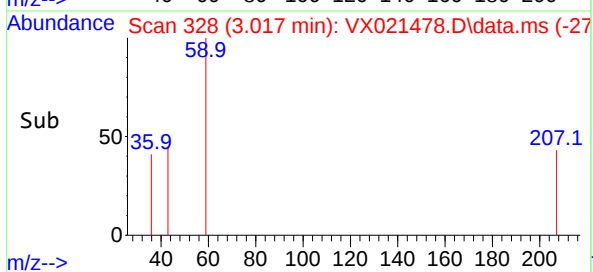
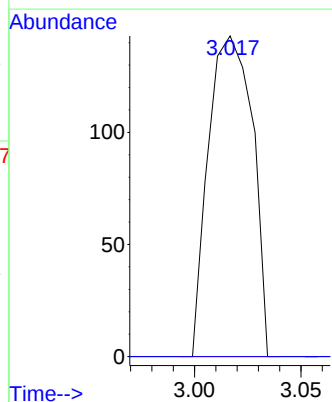
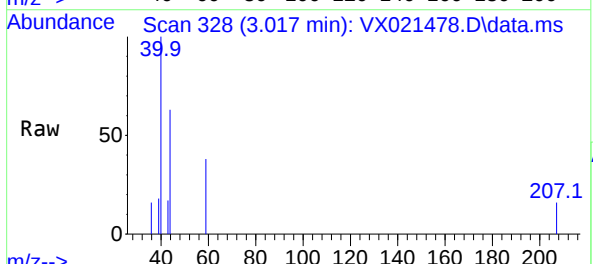
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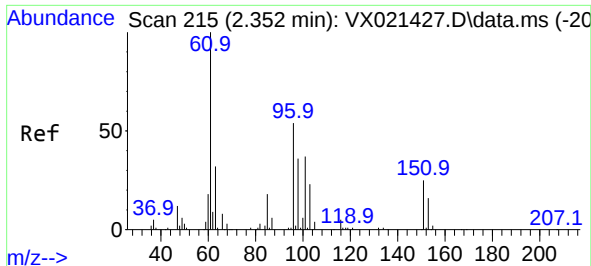
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3/26/2021 1:13:53 PM



#11
Tert butyl alcohol
Concen: 1.06 ug/l
RT: 3.017 min Scan# 328
Delta R.T. -0.006 min
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Tgt Ion:	59	Resp:	206
Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#





#12

1,1-Dichloroethene

Concen: 0.25 ug/l

RT: 2.352 min Scan# 215

Delta R.T. -0.000 min

Lab File: VX021478.D

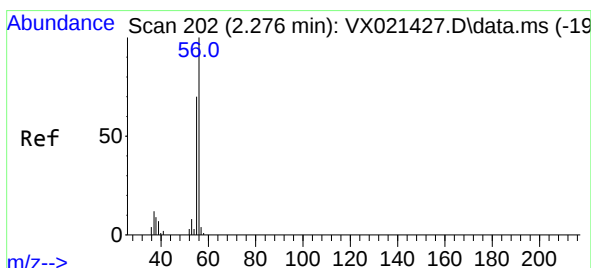
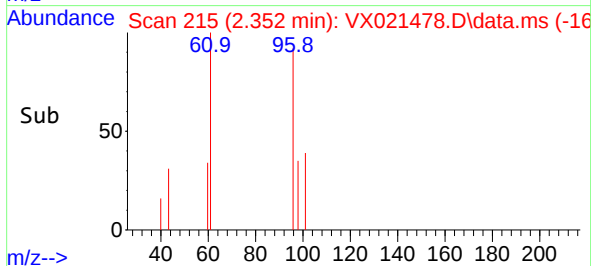
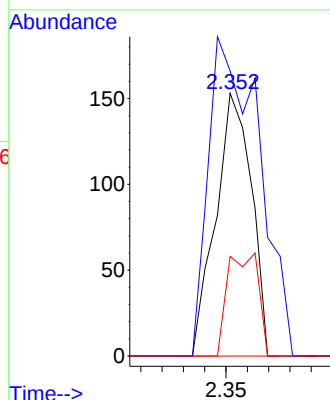
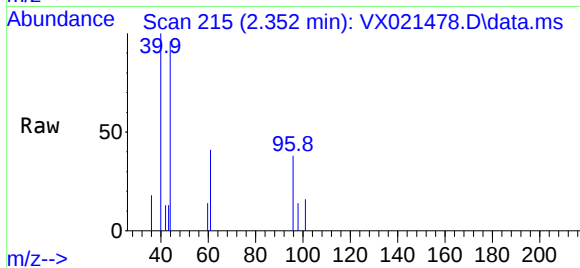
Acq: 25 Mar 2021 12:30

Tgt Ion:	96	Resp:	178
Ion	Ratio	Lower	Upper
96	100		
61	108.5	124.6	187.0#
98	37.9	50.6	76.0#

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3/26/2021 1:13:53 PM



#13

Acrolein

Concen: 1.57 ug/l

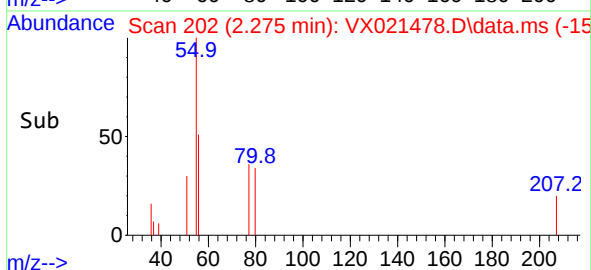
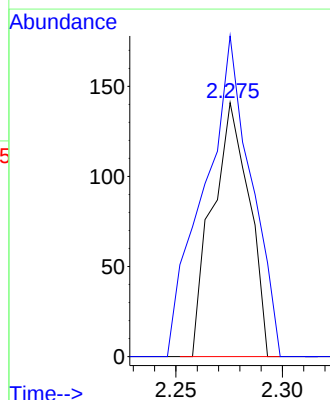
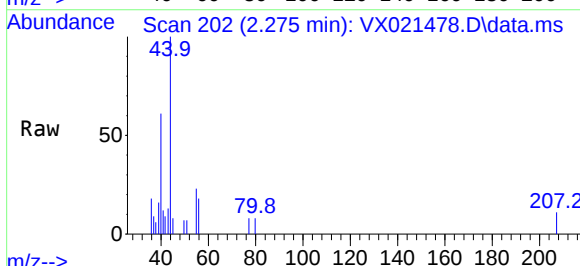
RT: 2.275 min Scan# 202

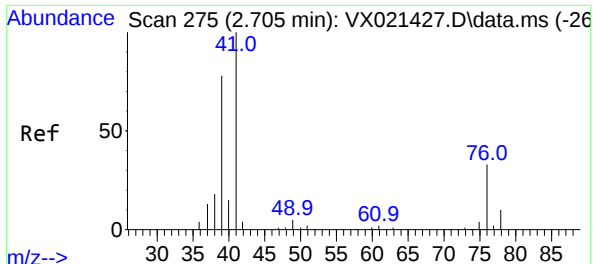
Delta R.T. -0.001 min

Lab File: VX021478.D

Acq: 25 Mar 2021 12:30

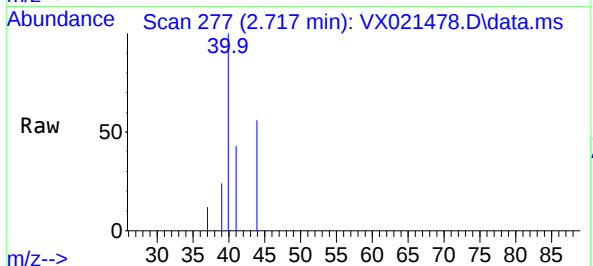
Tgt Ion:	56	Resp:	170
Ion	Ratio	Lower	Upper
56	100		
55	160.6	56.4	84.6#





#14
Allyl chloride
Concen: 0.31 ug/l
RT: 2.717 min Scan# 277
Delta R.T. 0.012 min
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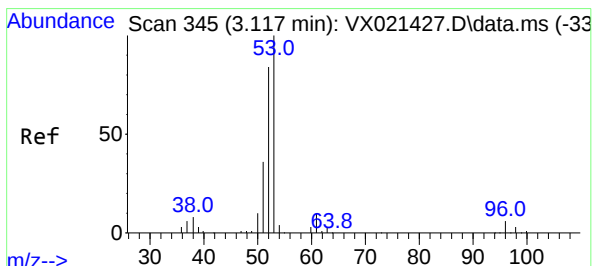
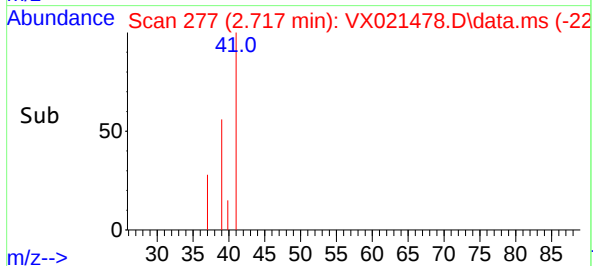
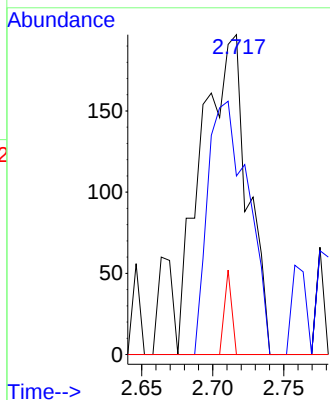
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2021



Tgt Ion:	41	Resp:	446
Ion	Ratio	Lower	Upper
41	100		
39	68.8	51.6	77.4
76	0.0	30.5	45.7#

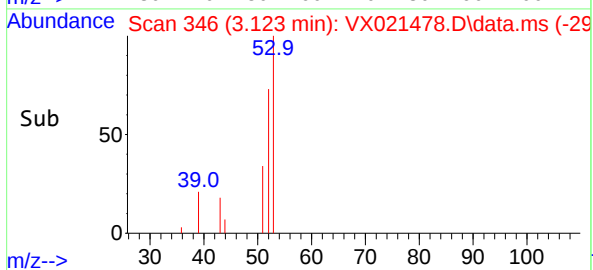
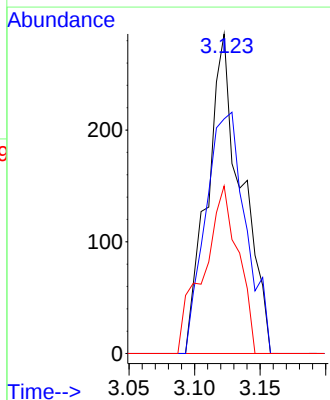
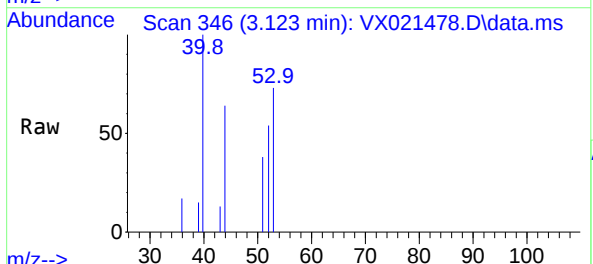
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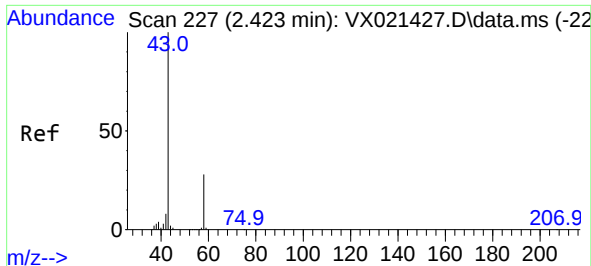
MMDadoda
3/26/2021 1:13:53 PM



#15
Acrylonitrile
Concen: 1.12 ug/l
RT: 3.123 min Scan# 346
Delta R.T. 0.006 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30

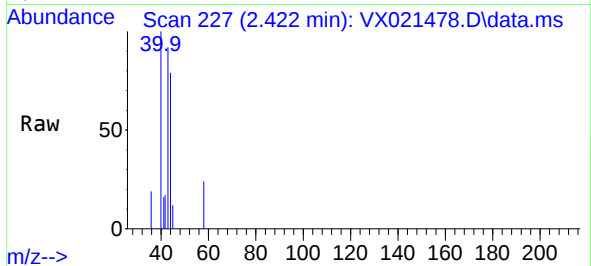
Tgt Ion:	53	Resp:	520
Ion	Ratio	Lower	Upper
53	100		
52	88.5	65.3	97.9
51	53.3	28.2	42.2#





#16
Acetone
Concen: 1.86 ug/l
RT: 2.422 min Scan# 227
Delta R.T. -0.001 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30

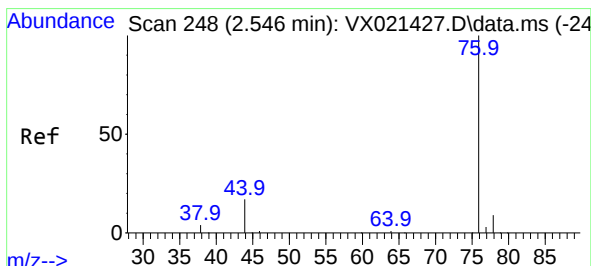
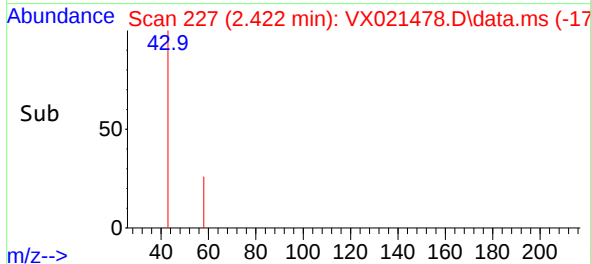
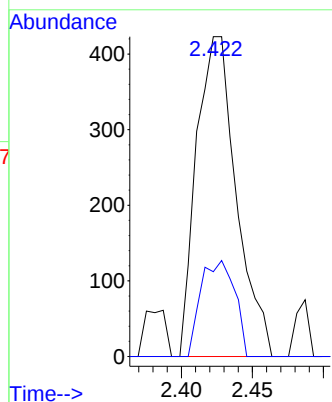
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2021



Tgt Ion: 43 Resp: 827
Ion Ratio Lower Upper
43 100
58 26.5 27.8 41.8#

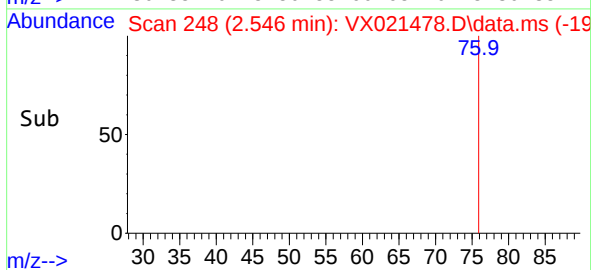
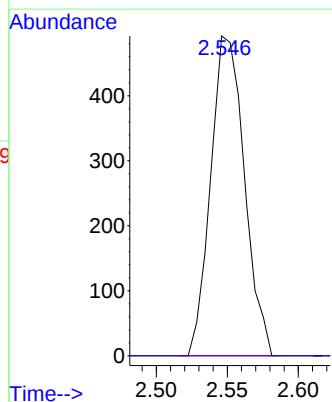
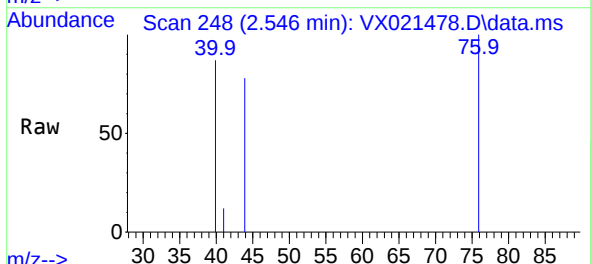
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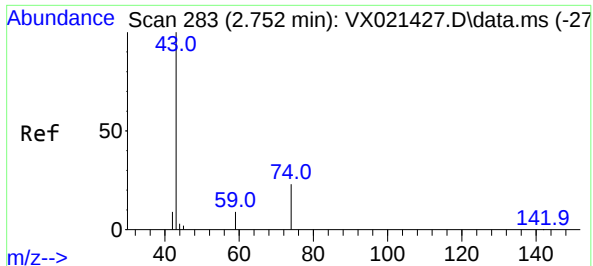
MMDadoda
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#17
Carbon Disulfide
Concen: 0.41 ug/l
RT: 2.546 min Scan# 248
Delta R.T. 0.000 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30

Tgt Ion: 76 Resp: 813
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#18

Methyl Acetate

Concen: 0.35 ug/l

RT: 2.752 min Scan# 283

Delta R.T. -0.000 min

Lab File: VX021478.D

Acq: 25 Mar 2021 12:30

Tgt Ion: 43 Resp: 448

Ion Ratio Lower Upper

43 100

74 4.2 21.9 32.9#

Instrument :

MSVOA_X

ClientSampleId :

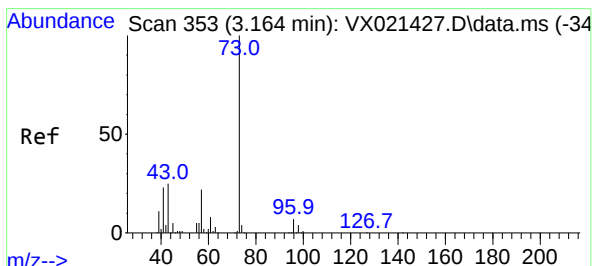
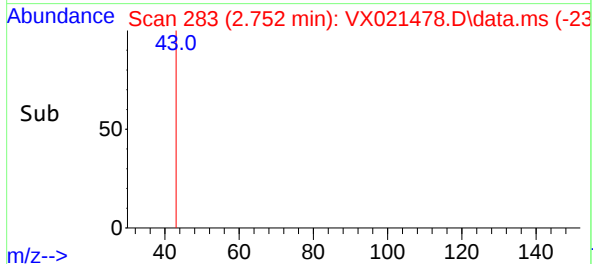
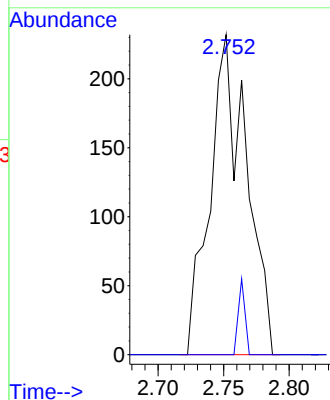
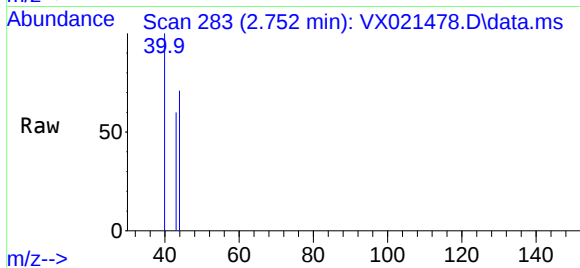
MDL-WATER-03-QT1-2021

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3/26/2021 1:13:53 PM



#19

Methyl tert-butyl Ether

Concen: 0.21 ug/l

RT: 3.176 min Scan# 355

Delta R.T. 0.012 min

Lab File: VX021478.D

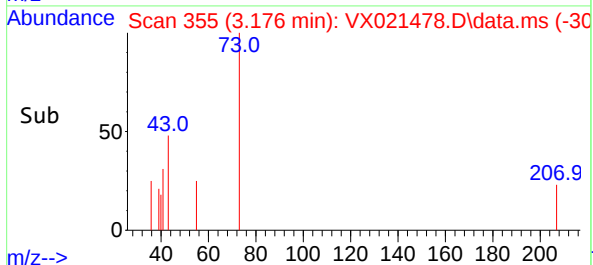
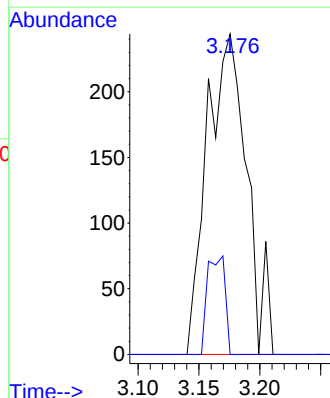
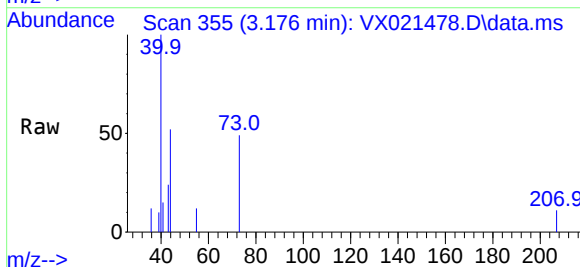
Acq: 25 Mar 2021 12:30

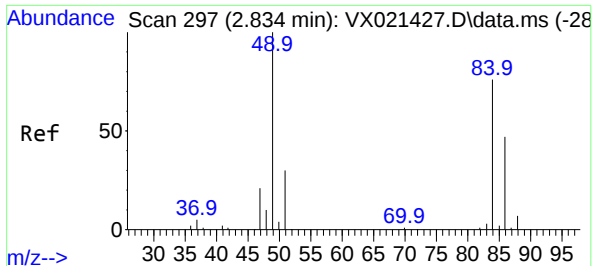
Tgt Ion: 73 Resp: 554

Ion Ratio Lower Upper

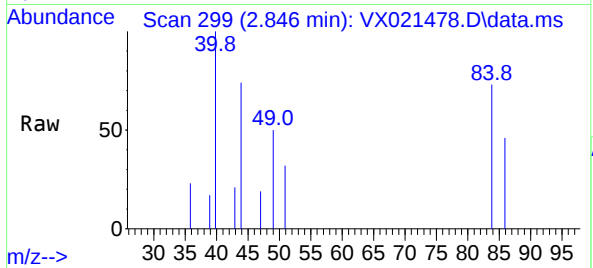
73 100

57 0.0 17.1 25.7#

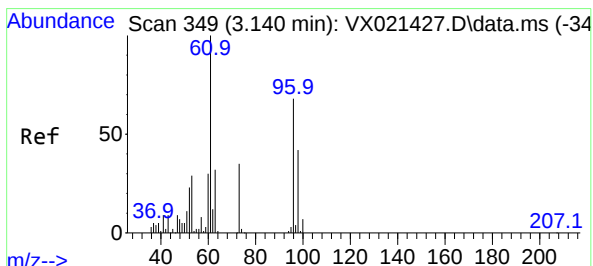
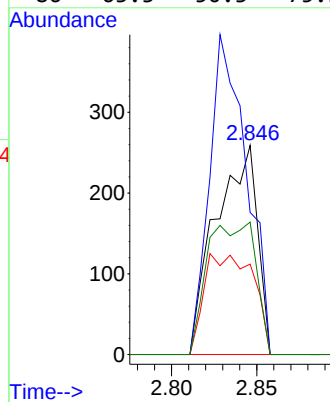
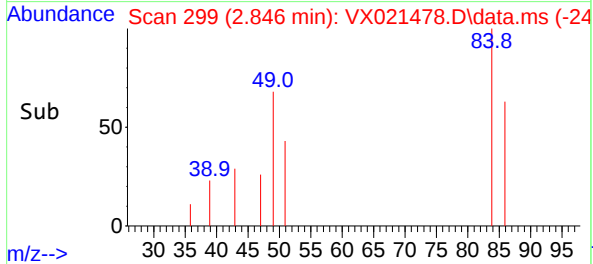




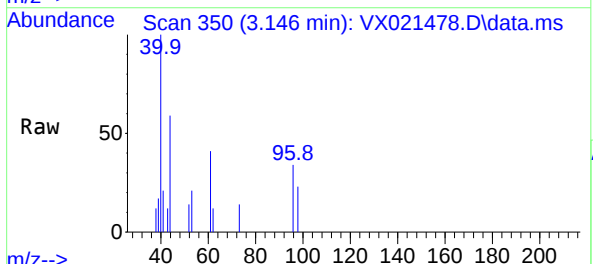
#20
Methylene Chloride
Concen: 0.50 ug/l
RT: 2.846 min Scan# 299
Delta R.T. 0.012 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30



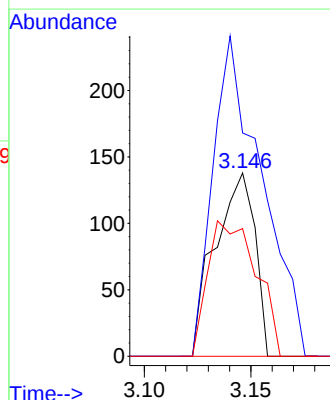
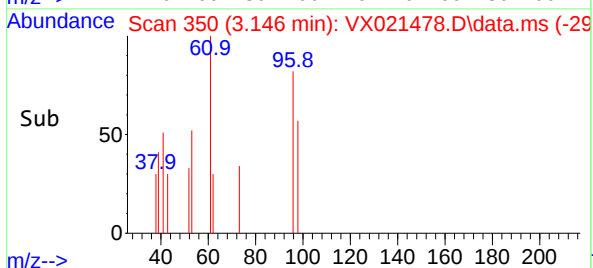
Tgt Ion: 84 Resp: 438
Ion Ratio Lower Upper
84 100
49 68.0 88.6 132.8#
51 43.2 27.0 40.6#
86 63.3 50.3 75.5



#21
trans-1,2-Dichloroethene
Concen: 0.23 ug/l
RT: 3.146 min Scan# 350
Delta R.T. 0.006 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30



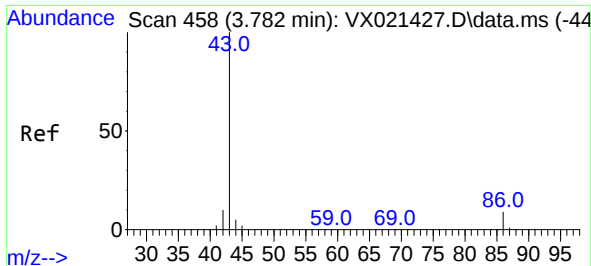
Tgt Ion: 96 Resp: 180
Ion Ratio Lower Upper
96 100
61 121.7 107.7 161.5
98 69.6 50.4 75.6



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

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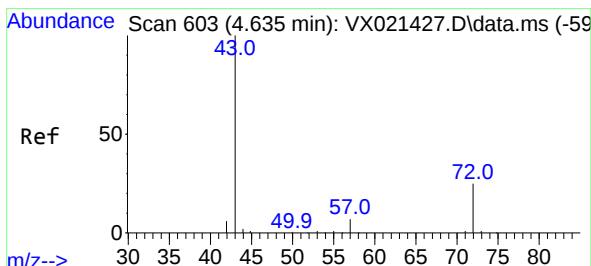
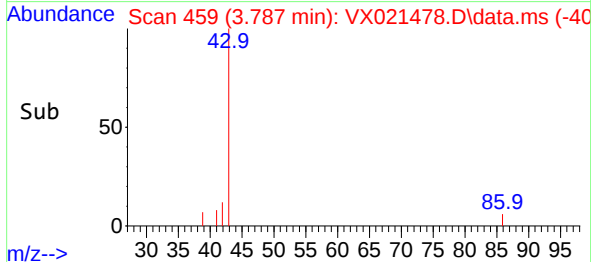
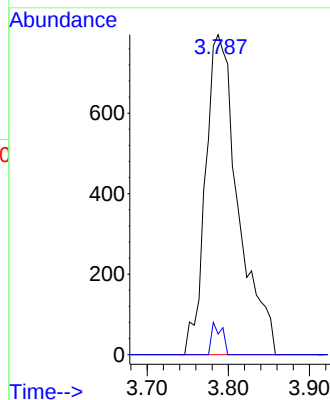
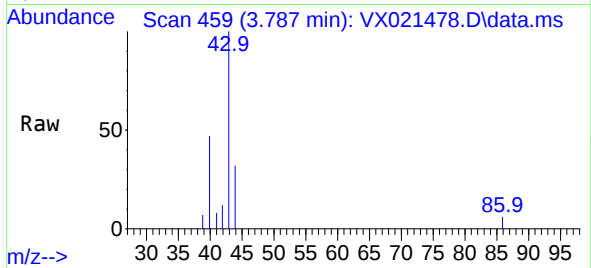
#23
 Vinyl Acetate
 Concen: 0.94 ug/l
 RT: 3.787 min Scan# 459
 Delta R.T. 0.005 min
 Lab File: VX021478.D
 Acq: 25 Mar 2021 12:30

Tgt Ion: 43 Resp: 2224
 Ion Ratio Lower Upper
 43 100
 86 6.4 9.9 14.9#

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

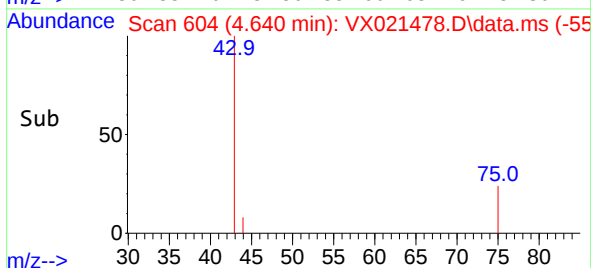
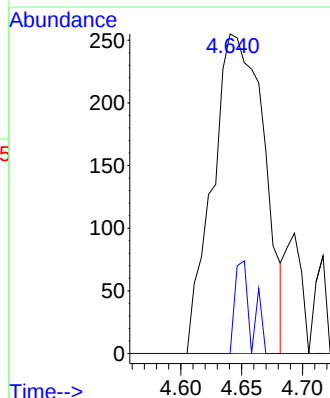
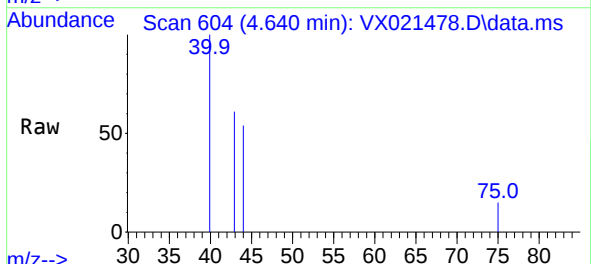
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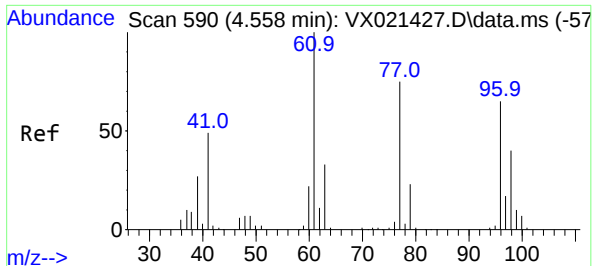
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 3/26/2021 1:13:53 PM



#25
 2-Butanone
 Concen: 1.11 ug/l
 RT: 4.640 min Scan# 604
 Delta R.T. 0.005 min
 Lab File: VX021478.D
 Acq: 25 Mar 2021 12:30

Tgt Ion: 43 Resp: 750
 Ion Ratio Lower Upper
 43 100
 72 0.0 23.7 35.5#





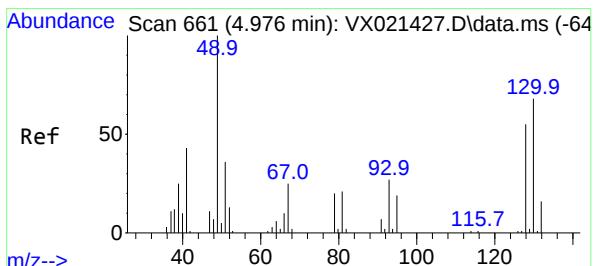
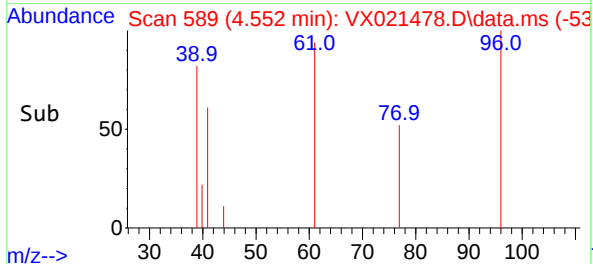
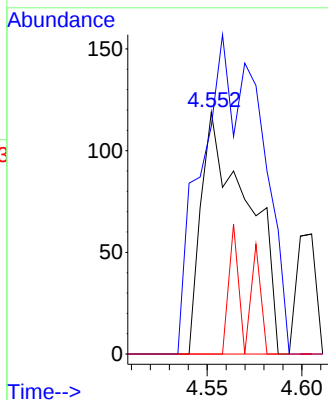
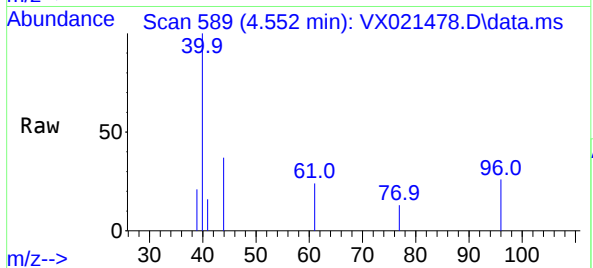
#27
cis-1,2-Dichloroethene
Concen: 0.22 ug/l
RT: 4.552 min Scan# 589
Delta R.T. -0.006 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30

Tgt Ion: 96 Resp: 204
Ion Ratio Lower Upper
96 100
61 168.1 0.0 285.6
98 20.6 0.0 129.6

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

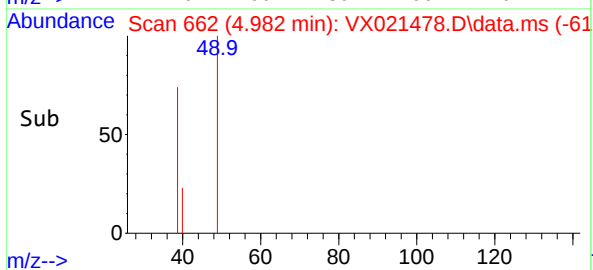
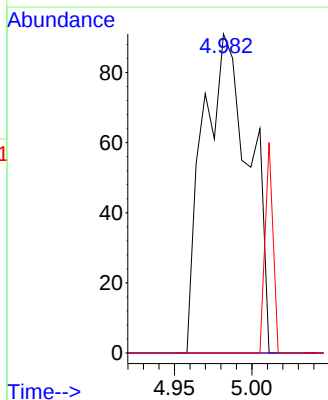
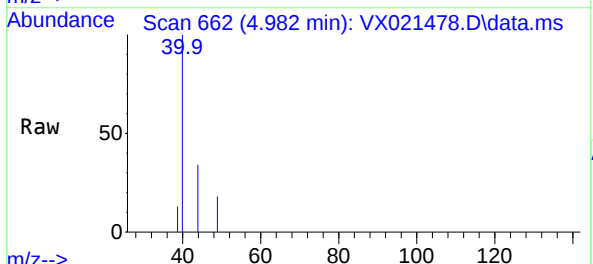
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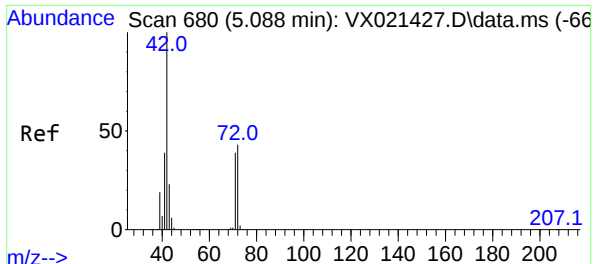
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3/26/2021 1:13:53 PM



#28
Bromochloromethane
Concen: 0.25 ug/l
RT: 4.982 min Scan# 662
Delta R.T. 0.006 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30

Tgt Ion: 49 Resp: 189
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 68.2 102.2#





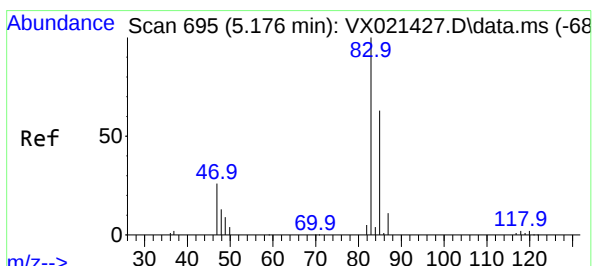
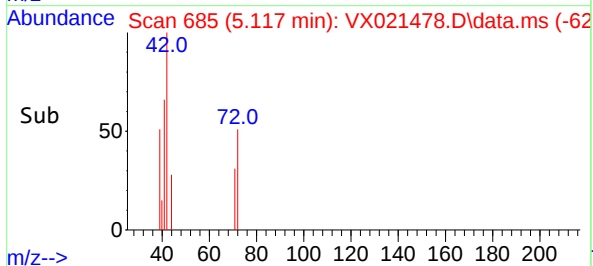
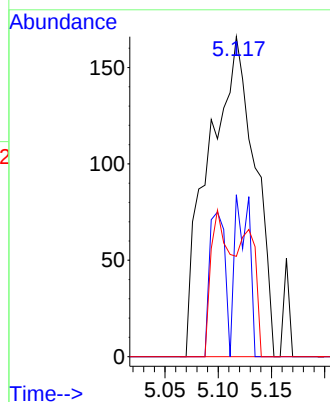
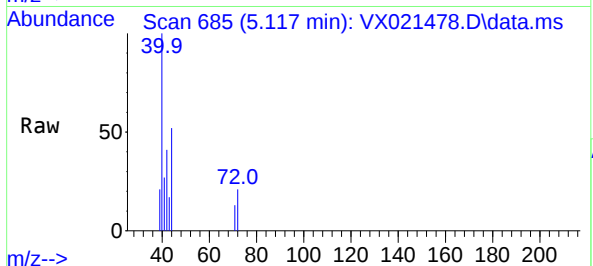
#29
Tetrahydrofuran
Concen: 1.14 ug/l
RT: 5.117 min Scan# 685
Delta R.T. 0.029 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30

Tgt Ion:	42	Resp:	499
Ion	Ratio	Lower	Upper
42	100		
72	15.8	41.7	62.5#
71	0.0	38.4	57.6#

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

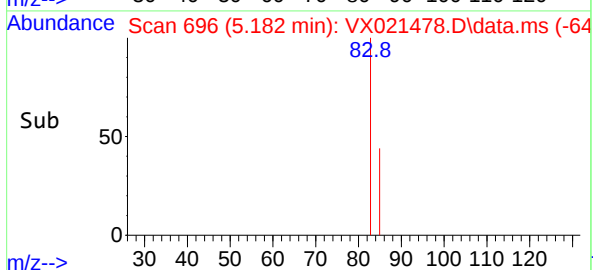
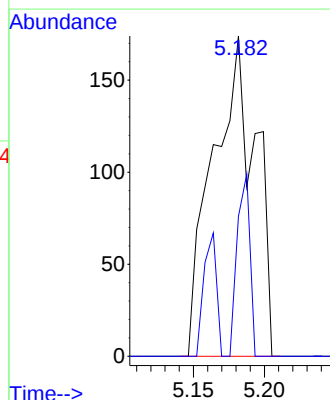
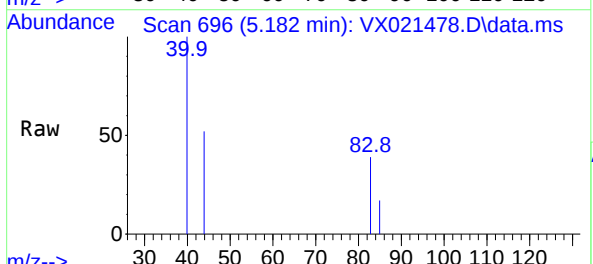
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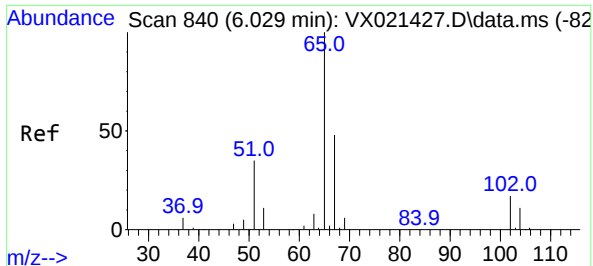
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3/26/2021 1:13:53 PM



#30
Chloroform
Concen: 0.23 ug/l
RT: 5.182 min Scan# 696
Delta R.T. 0.006 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30

Tgt Ion:	83	Resp:	362
Ion	Ratio	Lower	Upper
83	100		
85	43.7	52.0	78.0#





#33

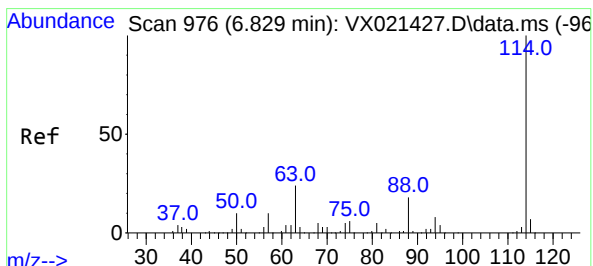
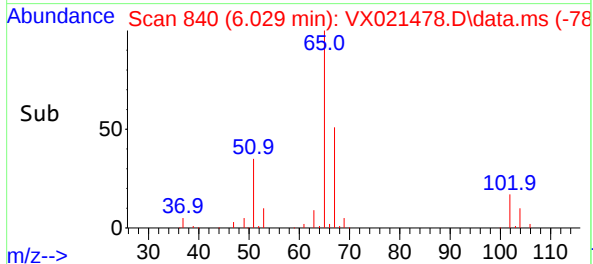
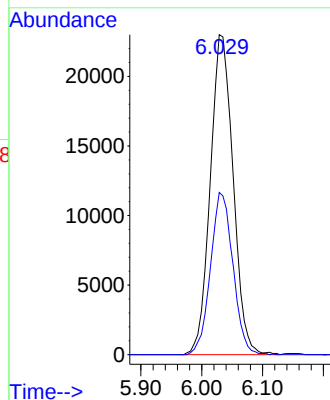
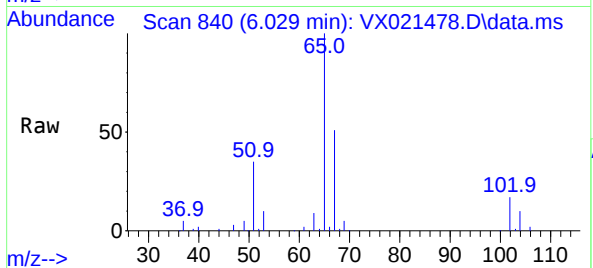
1,2-Dichloroethane-d4
Concen: 50.99 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30

Tgt Ion: 65 Resp: 59999
Ion Ratio Lower Upper
65 100
67 49.8 0.0 105.4

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

Manual Integrations
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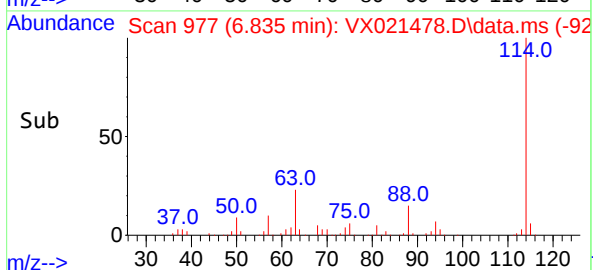
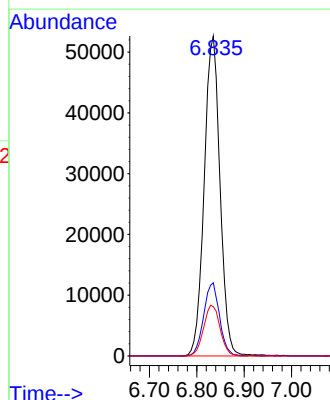
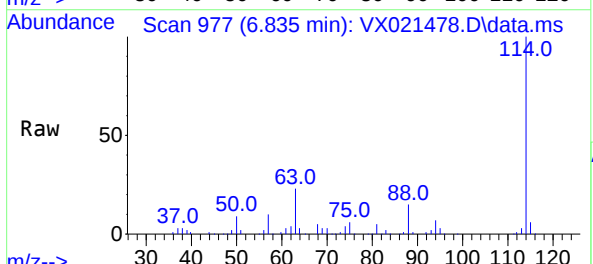
MMDadoda
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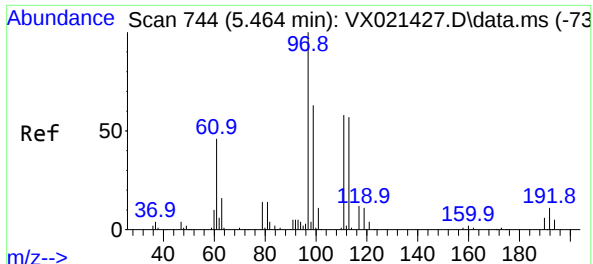


#34

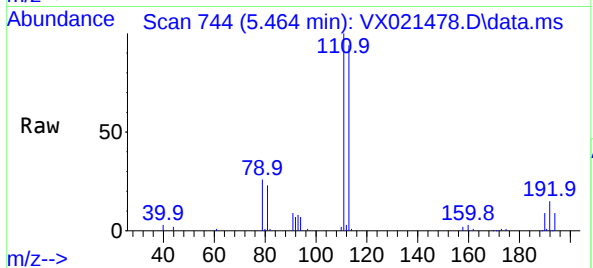
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30

Tgt Ion: 114 Resp: 122376
Ion Ratio Lower Upper
114 100
63 22.9 0.0 40.8
88 15.4 0.0 32.8



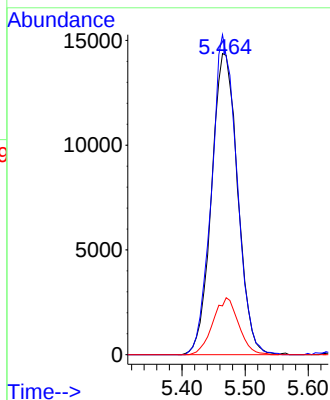
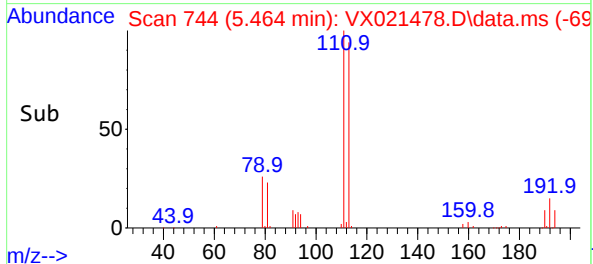


#35
Dibromofluoromethane
Concen: 47.54 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30



Tgt Ion: 113 Resp: 41328

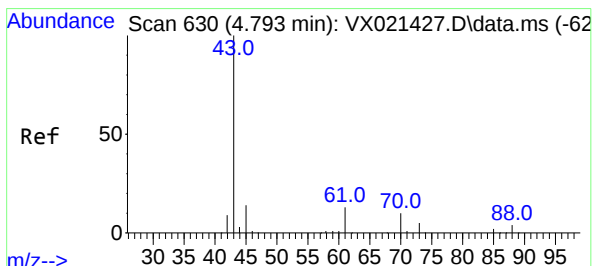
Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.9	122.9
192	18.6	16.7	25.1



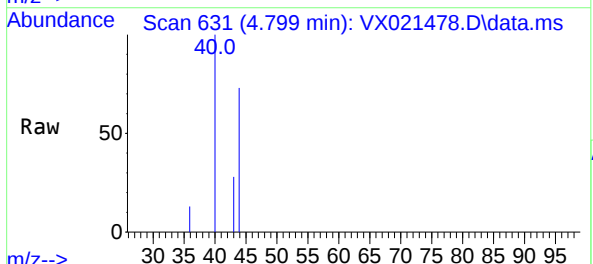
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2021

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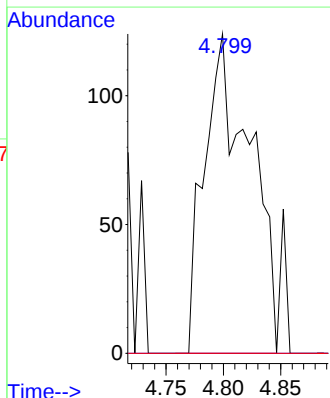
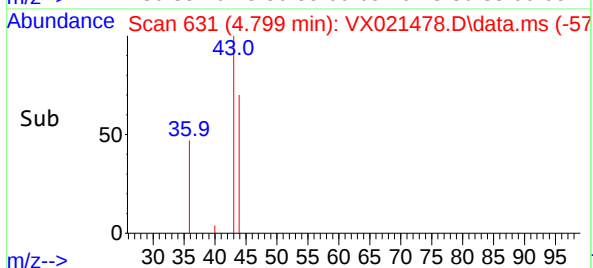


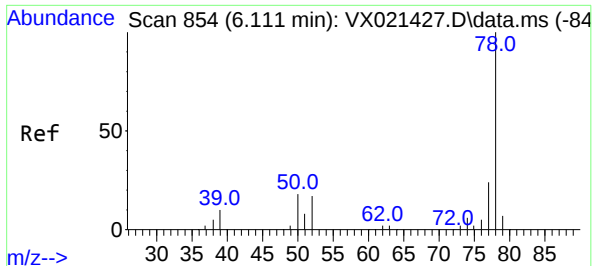
#37
Ethyl Acetate
Concen: 0.25 ug/l m
RT: 4.799 min Scan# 631
Delta R.T. 0.006 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30



Tgt Ion: 43 Resp: 343

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	0.0	10.5	15.7#





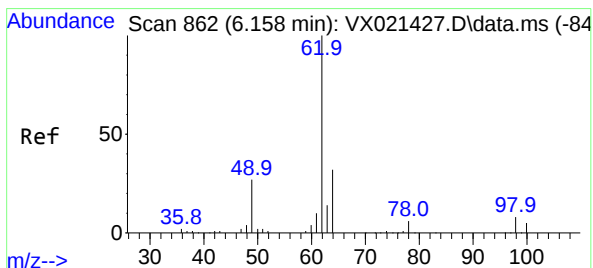
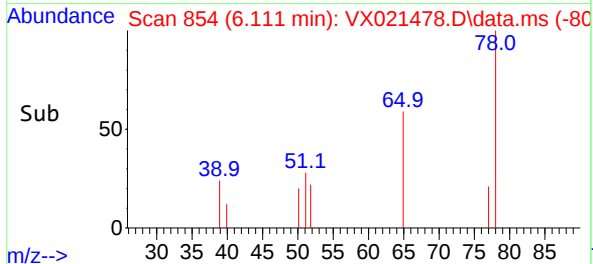
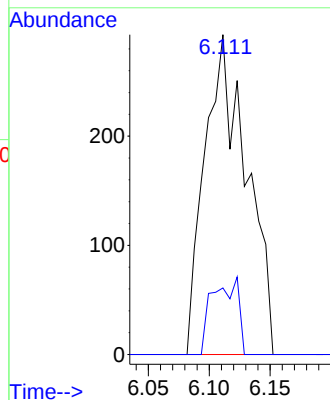
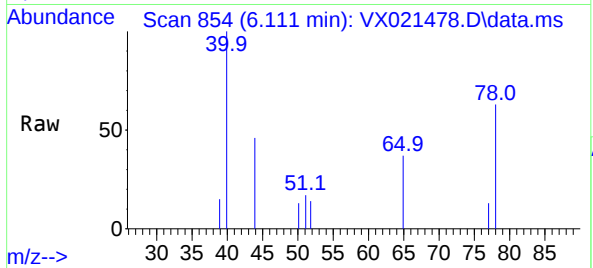
#40
Benzene
Concen: 0.21 ug/l
RT: 6.111 min Scan# 854
Delta R.T. 0.000 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30

Tgt Ion: 78 Resp: 699
Ion Ratio Lower Upper
78 100
77 20.8 18.9 28.3

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

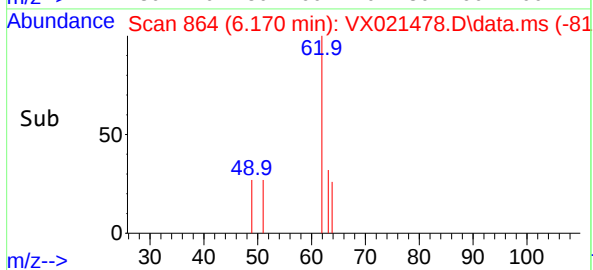
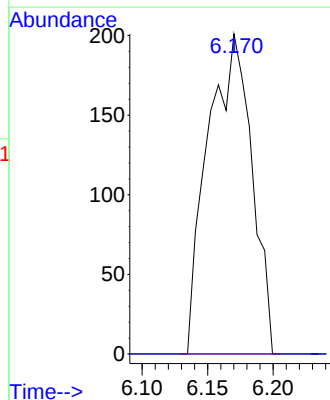
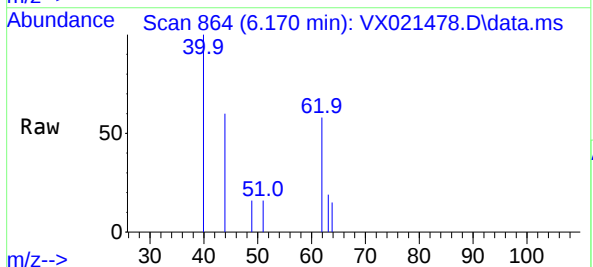
Manual Integrations
APPROVED

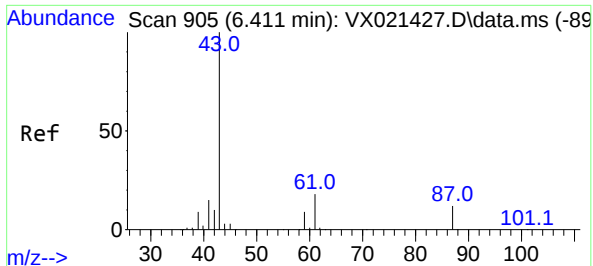
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#42
1,2-Dichloroethane
Concen: 0.32 ug/l
RT: 6.170 min Scan# 864
Delta R.T. 0.012 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30

Tgt Ion: 62 Resp: 468
Ion Ratio Lower Upper
62 100
98 0.0 0.0 20.2





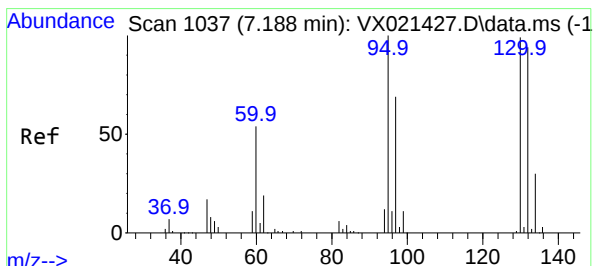
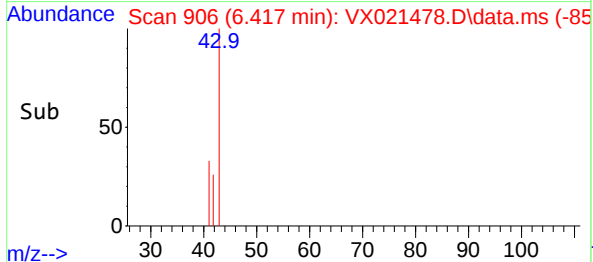
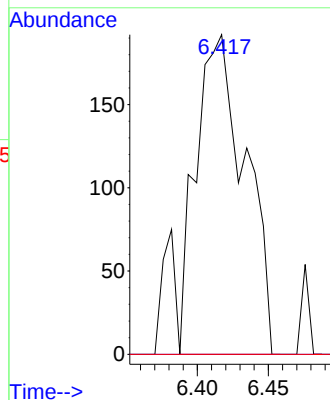
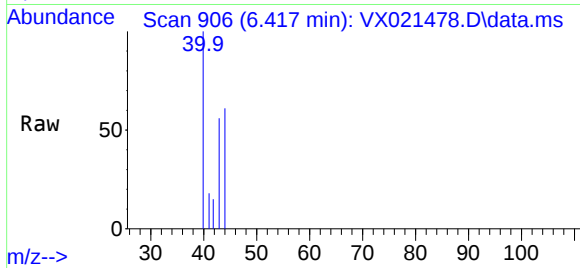
#43
Isopropyl Acetate
Concen: 0.21 ug/l
RT: 6.417 min Scan# 906
Delta R.T. 0.006 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30

Tgt Ion: 43 Resp: 465
Ion Ratio Lower Upper
43 100
61 0.0 18.2 27.4#
87 0.0 12.5 18.7#

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

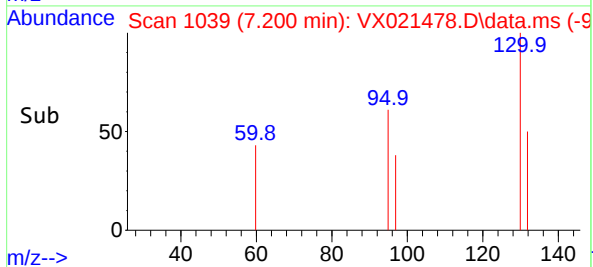
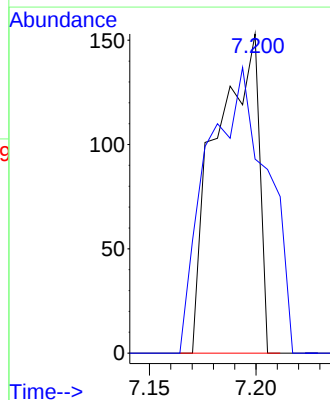
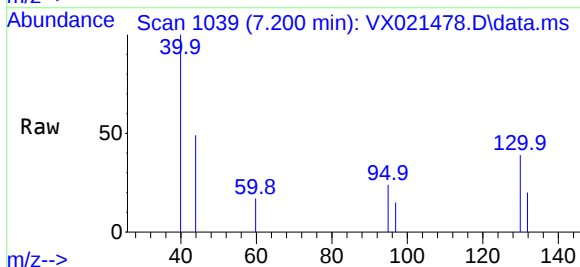
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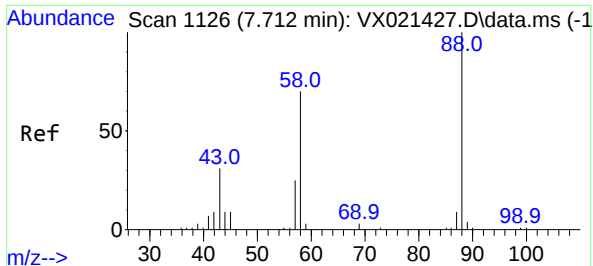
MMDadoda
3/26/2021 1:13:53 PM



#44
Trichloroethene
Concen: 0.24 ug/l
RT: 7.200 min Scan# 1039
Delta R.T. 0.012 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30

Tgt Ion:130 Resp: 213
Ion Ratio Lower Upper
130 100
95 60.8 0.0 198.0





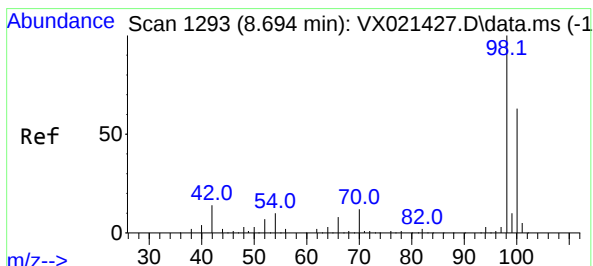
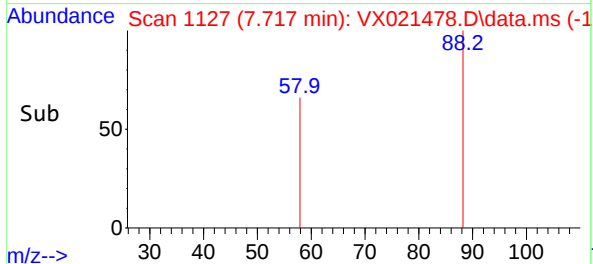
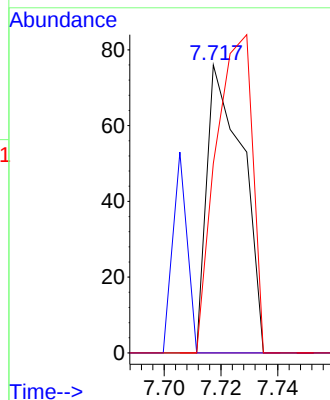
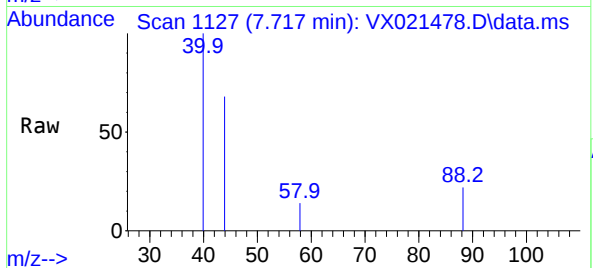
#49
1,4-Dioxane
Concen: 3.07 ug/l
RT: 7.717 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30

Tgt Ion: 88 Resp: 66
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 113.6 55.0 82.4#

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

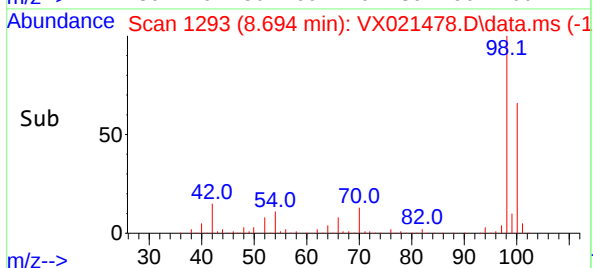
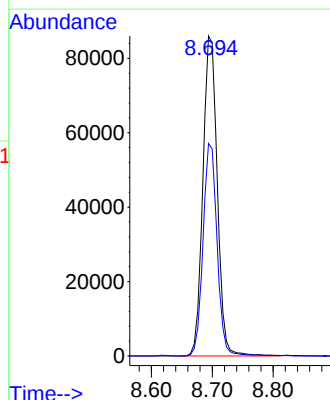
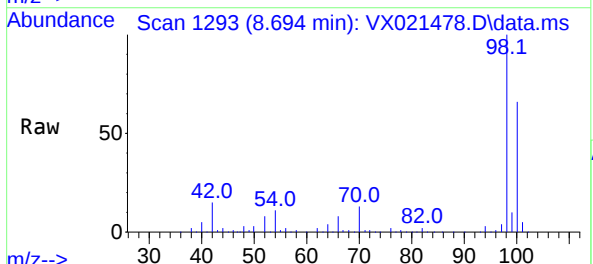
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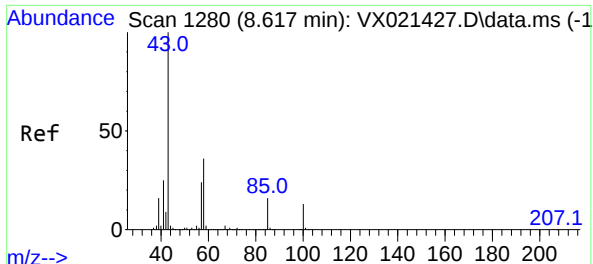
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#50
Toluene-d8
Concen: 45.74 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30

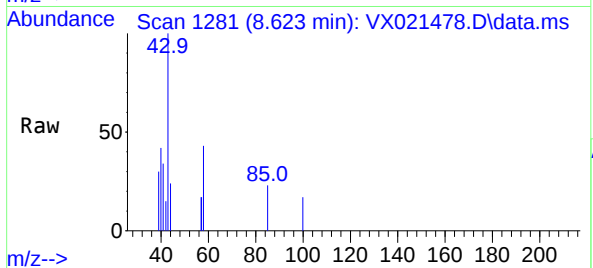
Tgt Ion: 98 Resp: 141675
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9





#51
4-Methyl-2-Pentanone
Concen: 0.90 ug/l
RT: 8.623 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30

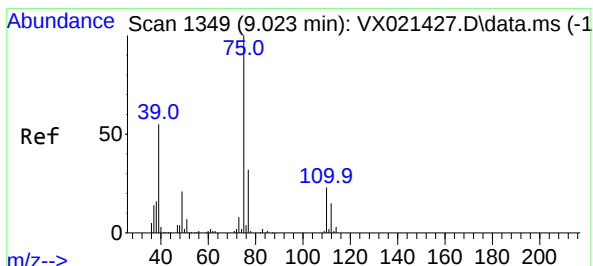
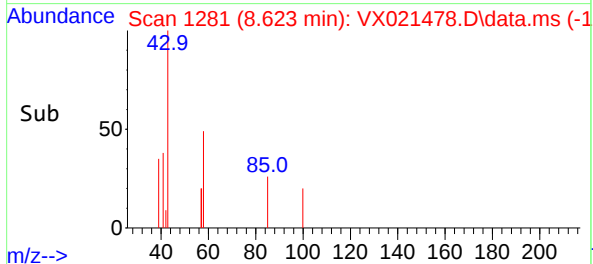
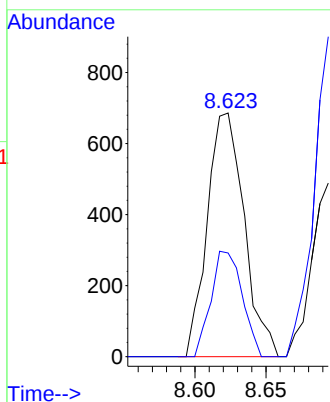
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2021



Tgt Ion: 43 Resp: 1240
Ion Ratio Lower Upper
43 100
58 36.5 35.4 53.0

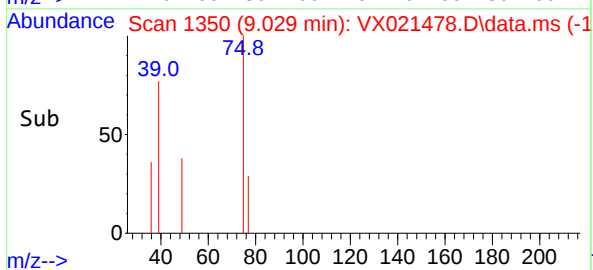
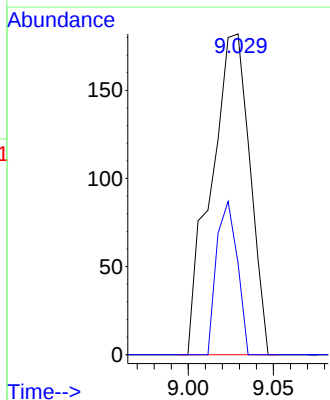
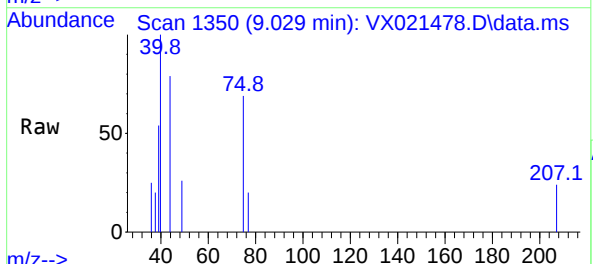
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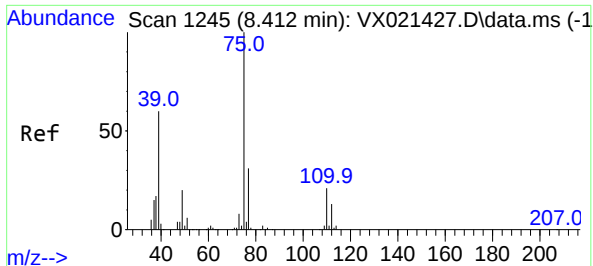
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3/26/2021 1:13:53 PM



#53
t-1,3-Dichloropropene
Concen: 0.21 ug/l
RT: 9.029 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30

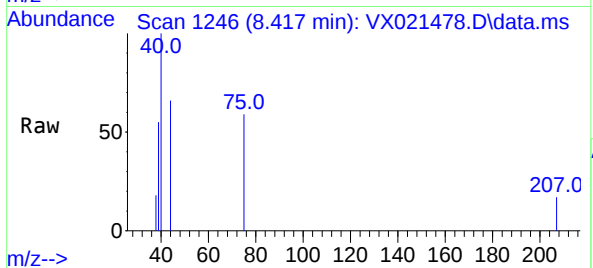
Tgt Ion: 75 Resp: 288
Ion Ratio Lower Upper
75 100
77 28.6 24.9 37.3





#54
cis-1,3-Dichloropropene
Concen: 0.20 ug/l
RT: 8.417 min Scan# 1246
Delta R.T. 0.005 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30

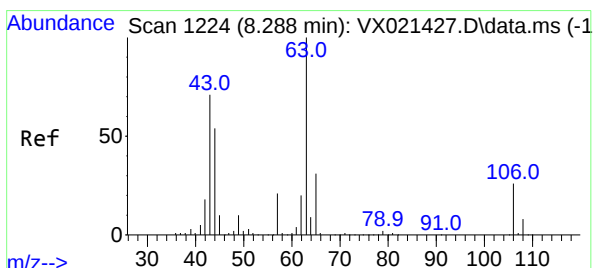
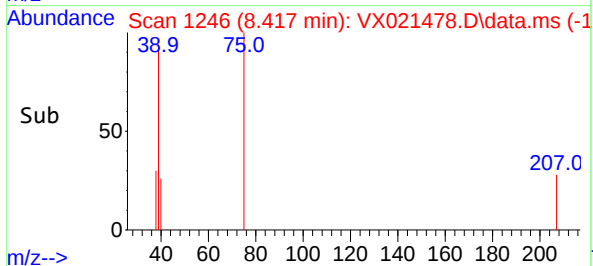
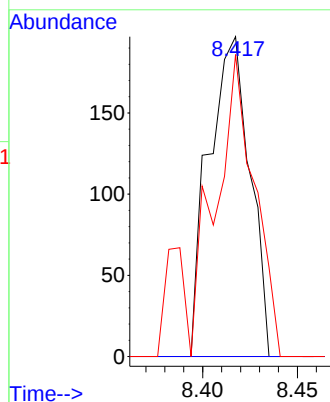
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2021



Tgt Ion: 75 Resp: 297
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 94.4 35.1 52.7#

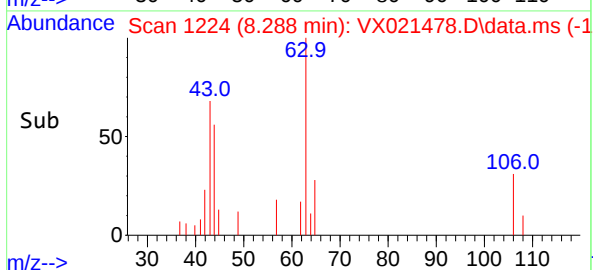
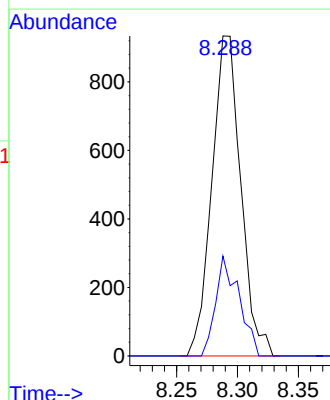
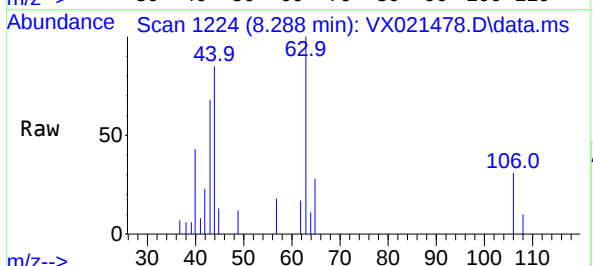
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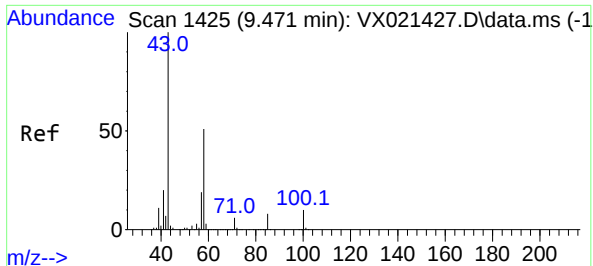
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3/26/2021 1:13:53 PM



#58
2-Chloroethyl Vinyl ether
Concen: 2.06 ug/l
RT: 8.288 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30

Tgt Ion: 63 Resp: 1543
Ion Ratio Lower Upper
63 100
106 25.1 23.5 35.3





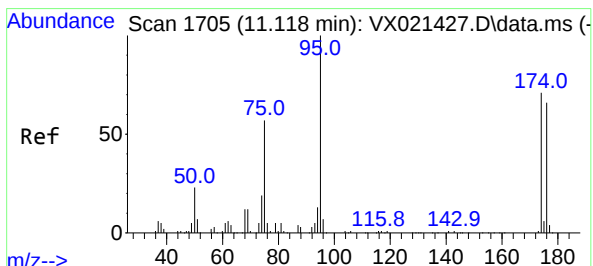
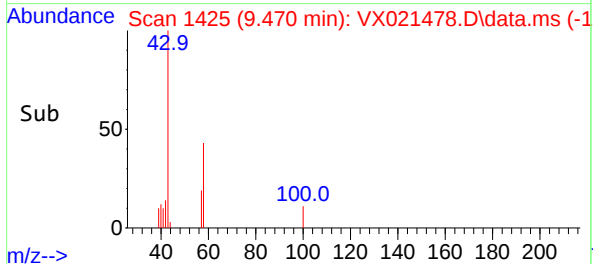
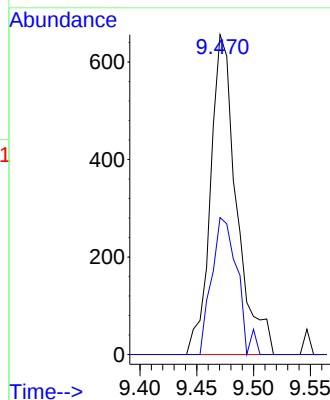
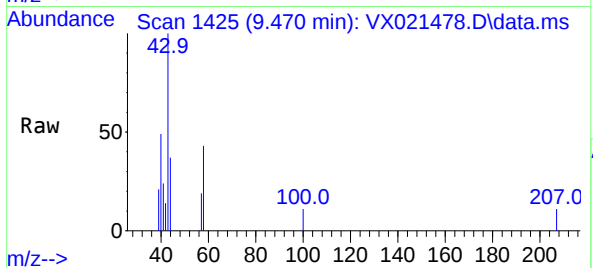
#59
2-Hexanone
Concen: 1.01 ug/l
RT: 9.470 min Scan# 1425
Delta R.T. -0.001 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30

Tgt Ion: 43 Resp: 1050
Ion Ratio Lower Upper
43 100
58 41.7 30.9 92.8

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

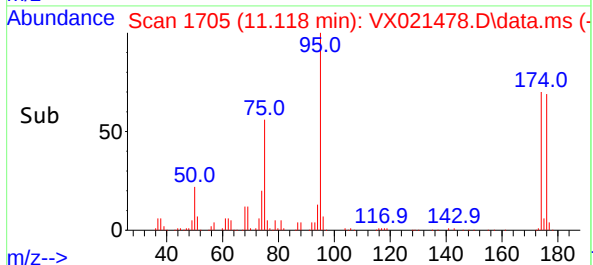
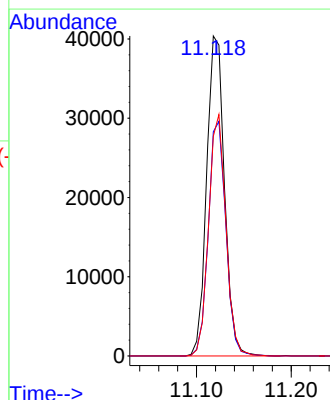
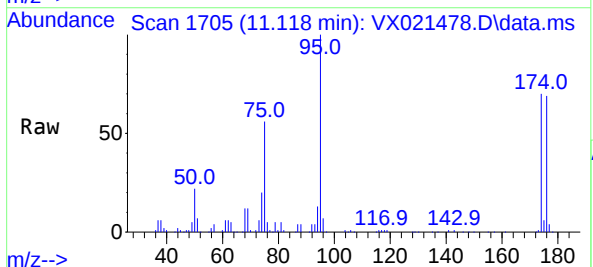
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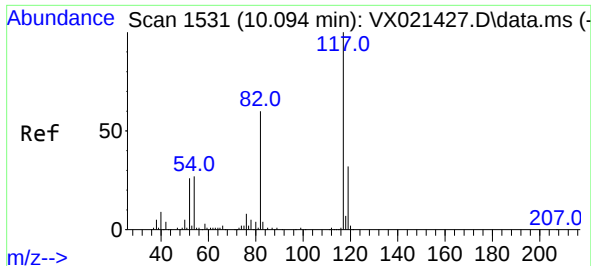
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3/26/2021 1:13:53 PM



#62
4-Bromofluorobenzene
Concen: 43.84 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30

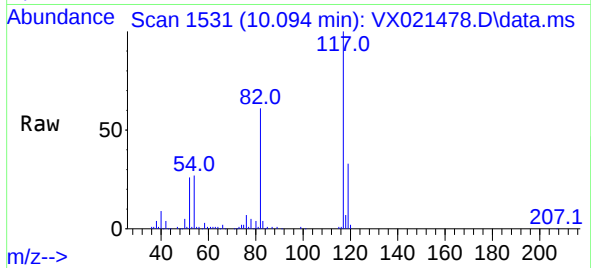
Tgt Ion: 95 Resp: 52795
Ion Ratio Lower Upper
95 100
174 72.0 0.0 154.6
176 72.9 0.0 155.8





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30

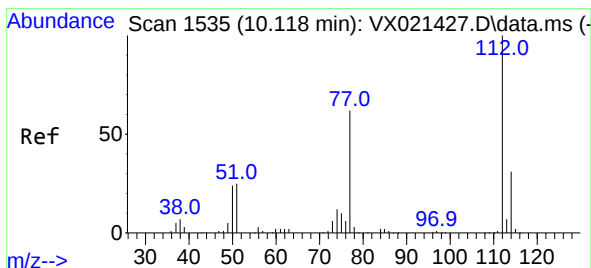
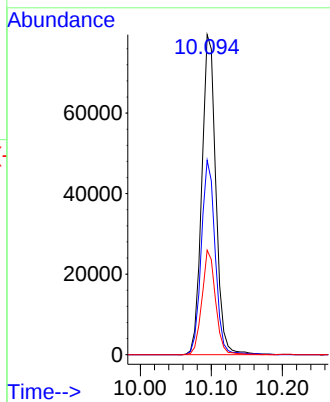
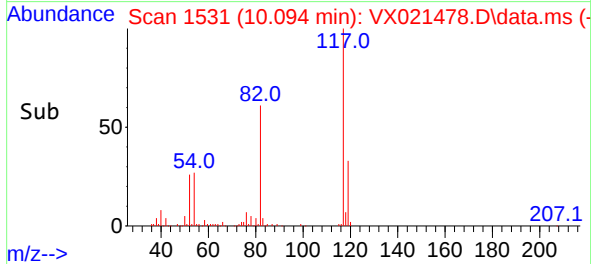
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2021



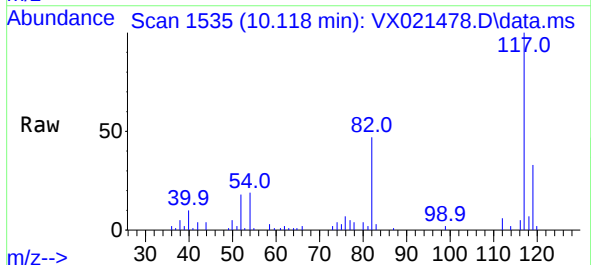
Tgt Ion:117 Resp: 109494
Ion Ratio Lower Upper
117 100
82 60.8 47.4 71.2
119 32.6 26.6 39.8

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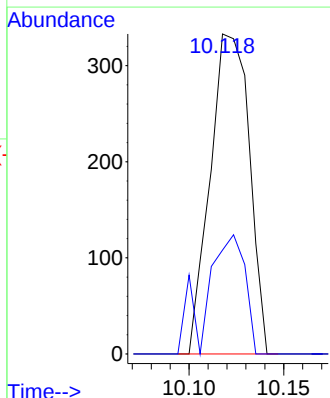
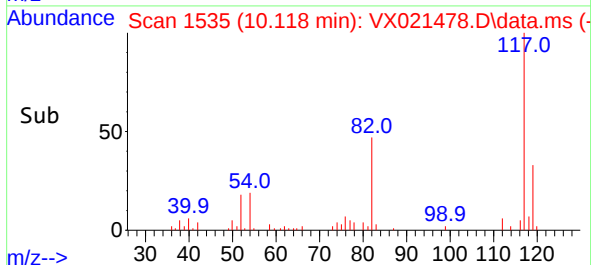
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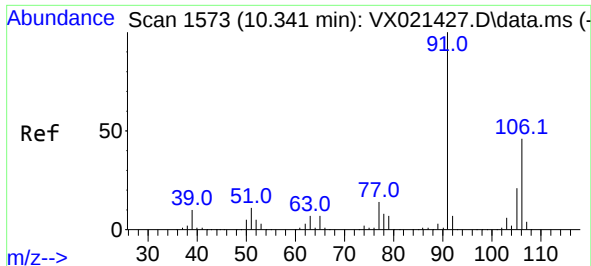


#65
Chlorobenzene
Concen: 0.22 ug/l
RT: 10.118 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30



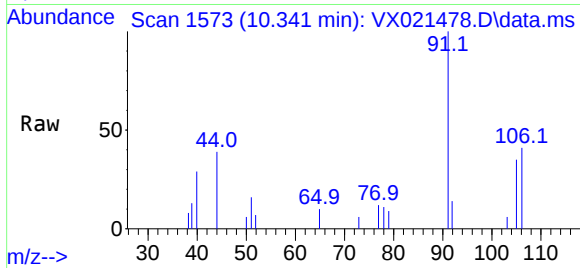
Tgt Ion:112 Resp: 478
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6





#68
m/p-Xylenes
Concen: 0.35 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30

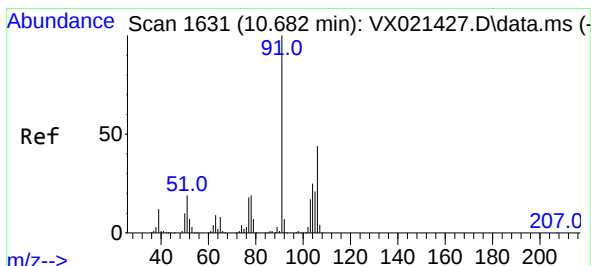
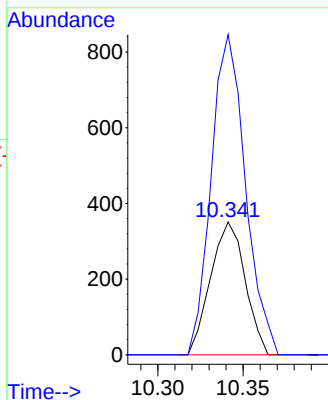
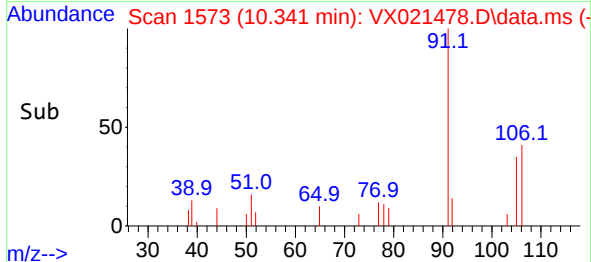
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2021



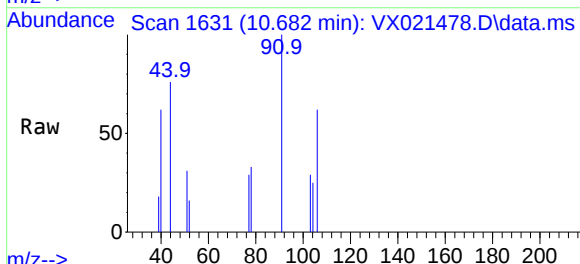
Tgt Ion:106 Resp: 495
Ion Ratio Lower Upper
106 100
91 238.6 162.8 244.2

Manual Integrations
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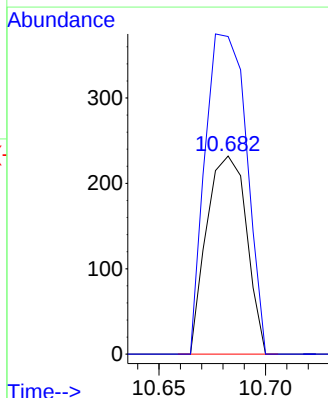
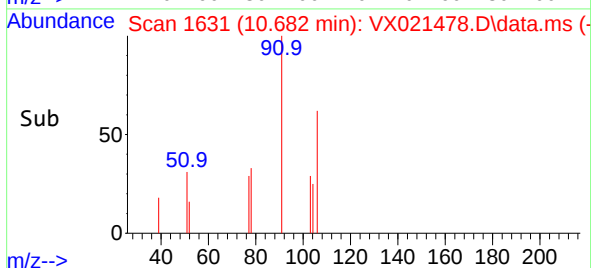
MMDadoda
3/26/2021 1:13:53 PM

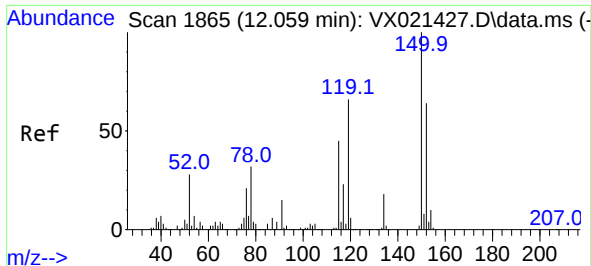


#69
o-Xylene
Concen: 0.22 ug/l
RT: 10.682 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30



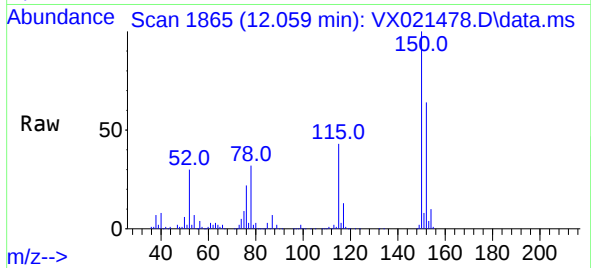
Tgt Ion:106 Resp: 302
Ion Ratio Lower Upper
106 100
91 167.5 108.1 324.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30

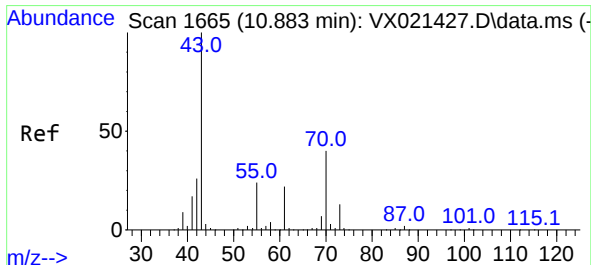
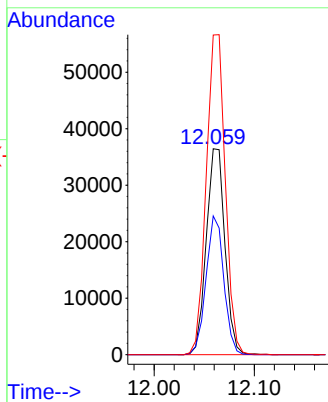
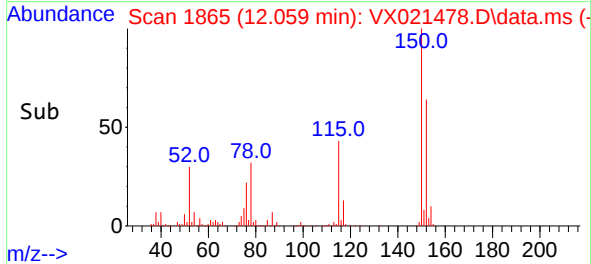
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2021



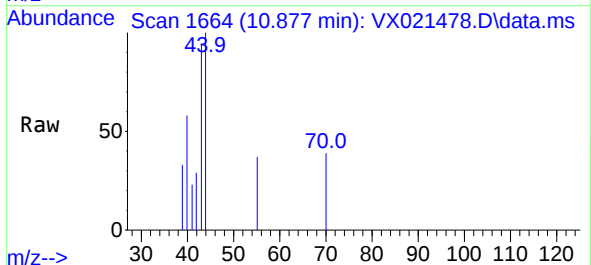
Tgt Ion:152 Resp: 47286
Ion Ratio Lower Upper
152 100
115 64.2 41.1 123.3
150 158.1 0.0 349.0

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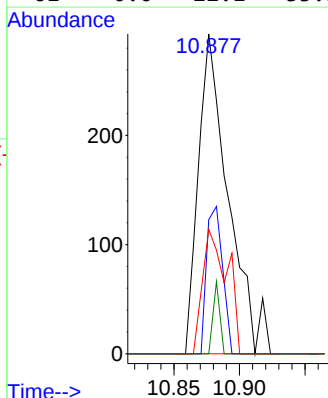
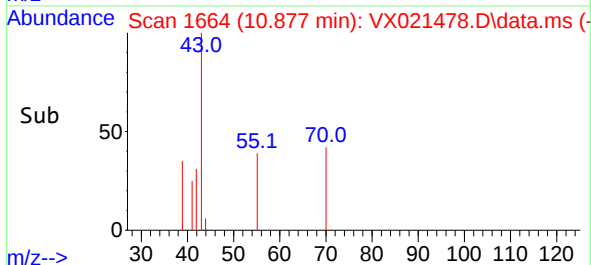
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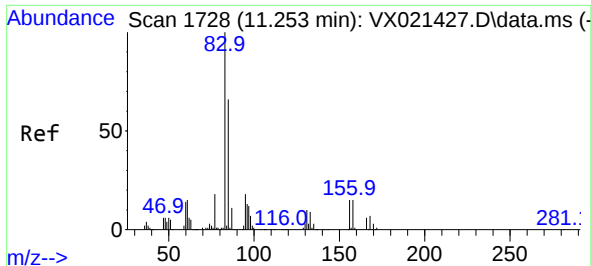


#74
N-ethyl acetate
Concen: 0.29 ug/l
RT: 10.877 min Scan# 1664
Delta R.T. -0.006 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30



Tgt Ion: 43 Resp: 467
Ion Ratio Lower Upper
43 100
70 24.4 39.0 58.6#
55 31.9 21.5 32.3
61 0.0 22.1 33.1#





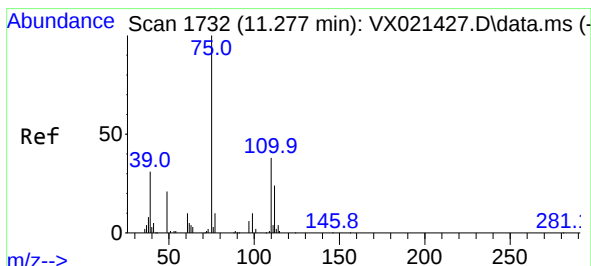
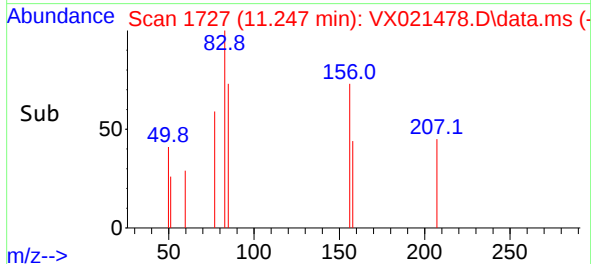
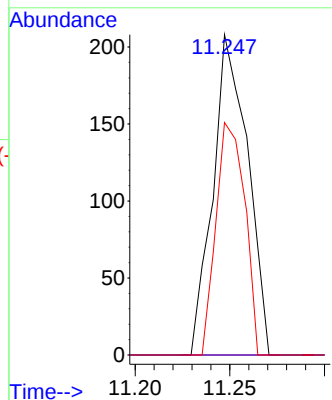
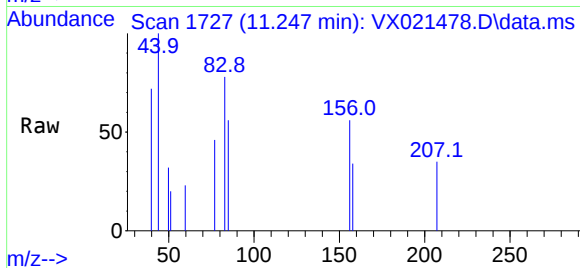
#75
1,1,2,2-Tetrachloroethane
Concen: 0.23 ug/l
RT: 11.247 min Scan# 1727
Delta R.T. -0.006 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30

Tgt Ion: 83 Resp: 265
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.2#
85 60.0 31.8 95.4

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

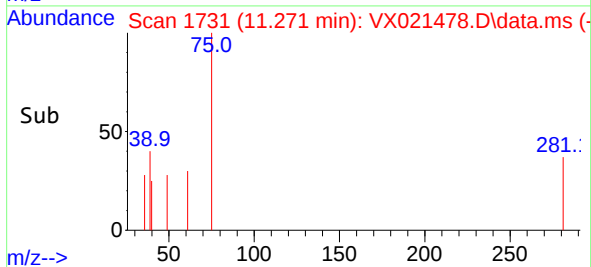
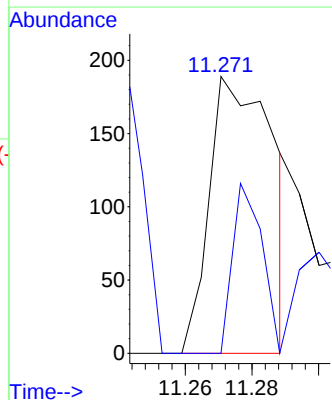
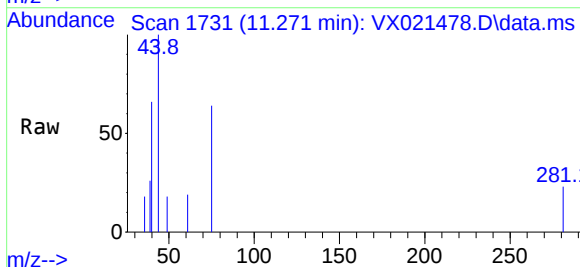
Manual Integrations
APPROVED

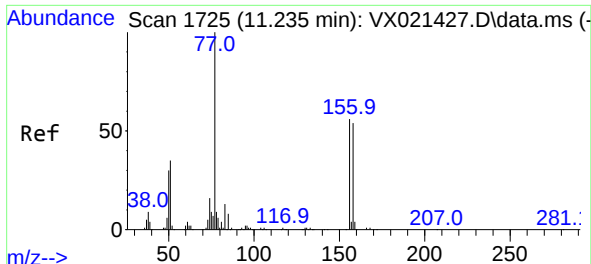
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3/26/2021 1:13:53 PM



#76
1,2,3-Trichloropropane
Concen: 0.23 ug/l m
RT: 11.271 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30

Tgt Ion: 75 Resp: 254
Ion Ratio Lower Upper
75 100
77 121.7 19.1 57.5#





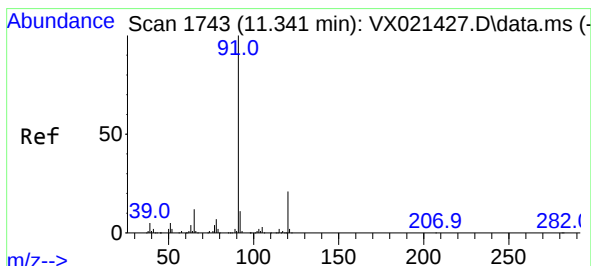
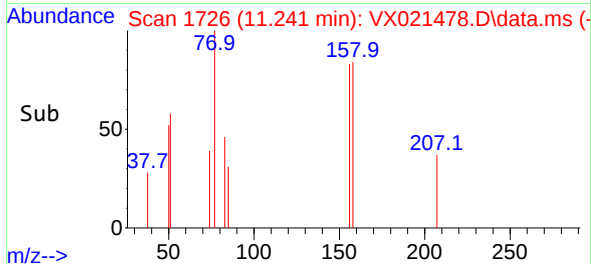
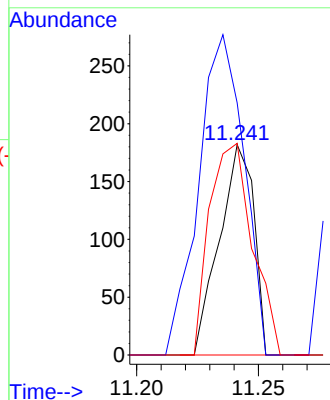
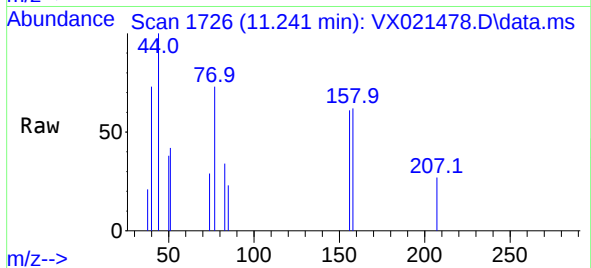
#77
Bromobenzene
Concen: 0.22 ug/l
RT: 11.241 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30

Tgt Ion: 156 Resp: 179
Ion Ratio Lower Upper
156 100
77 200.6 82.8 248.6
158 125.7 49.1 147.4

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

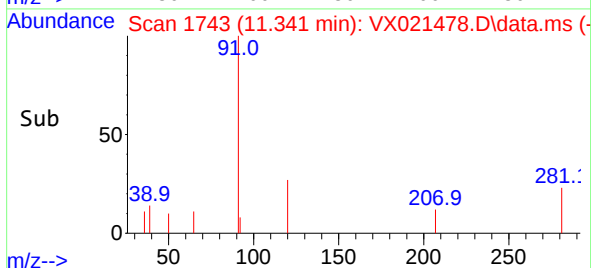
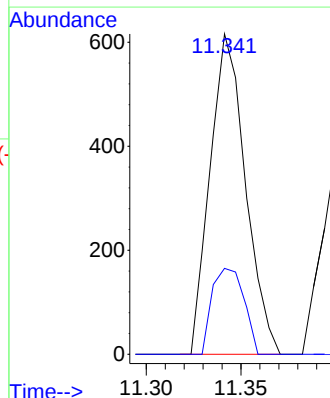
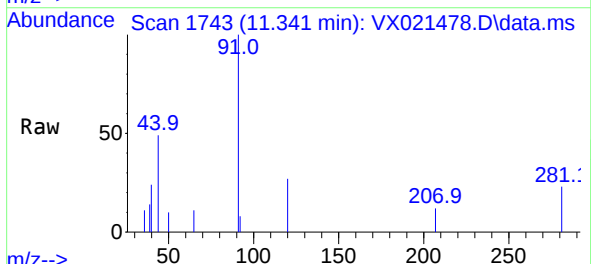
Manual Integrations
APPROVED

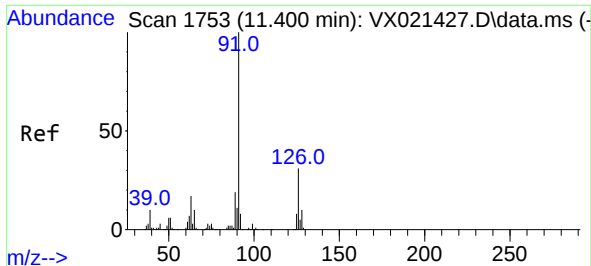
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3/26/2021 1:13:53 PM



#78
n-propylbenzene
Concen: 0.20 ug/l
RT: 11.341 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30

Tgt Ion: 91 Resp: 800
Ion Ratio Lower Upper
91 100
120 24.1 11.5 34.5





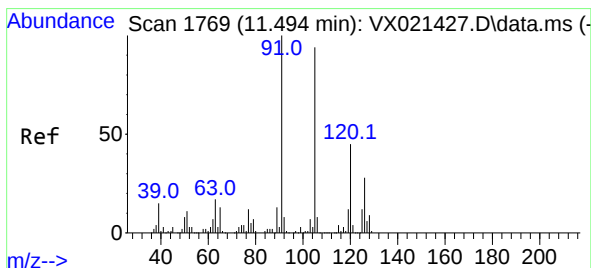
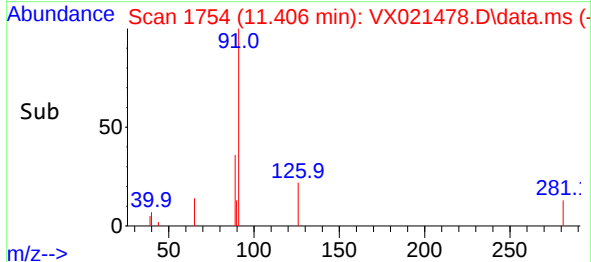
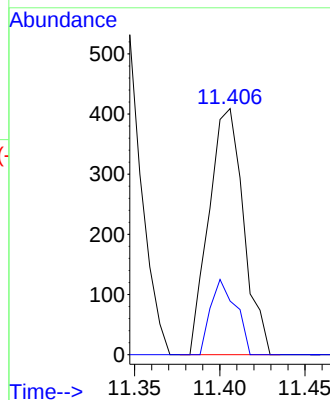
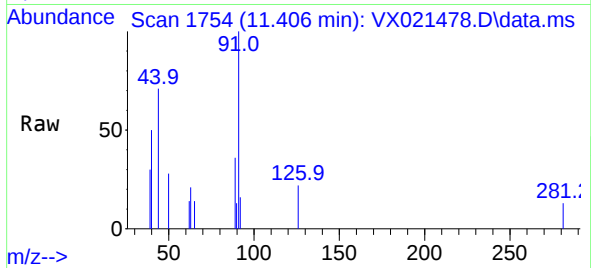
#79
2-Chlorotoluene
Concen: 0.24 ug/l
RT: 11.406 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30

Tgt Ion: 91 Resp: 580
Ion Ratio Lower Upper
91 100
126 22.2 16.6 49.8

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

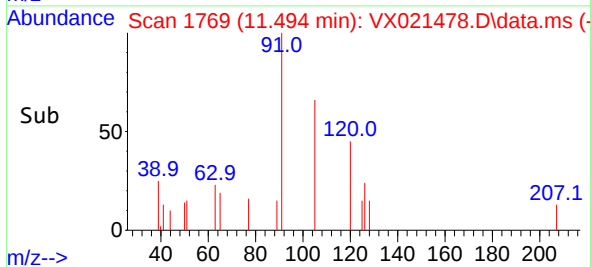
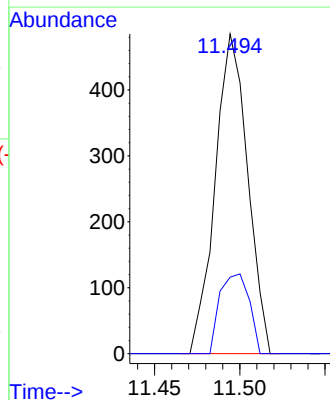
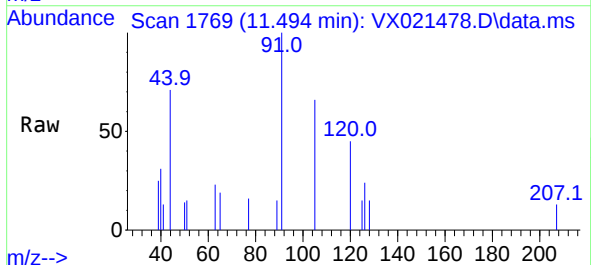
Manual Integrations
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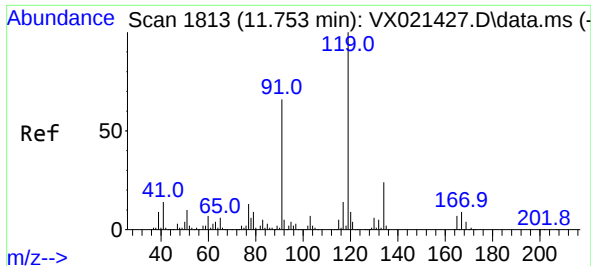
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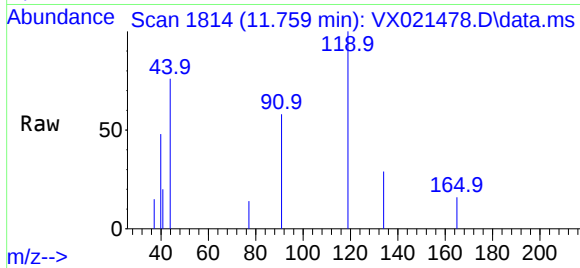
#82
4-Chlorotoluene
Concen: 0.23 ug/l
RT: 11.494 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30

Tgt Ion: 91 Resp: 642
Ion Ratio Lower Upper
91 100
126 22.6 14.9 44.5

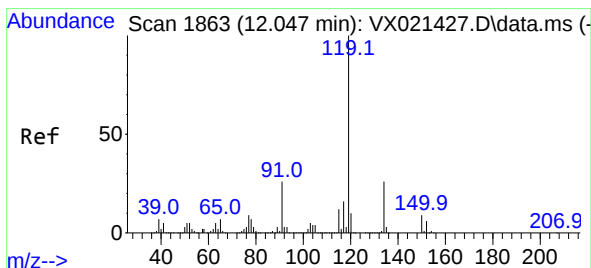
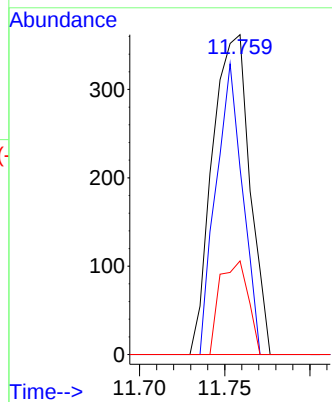
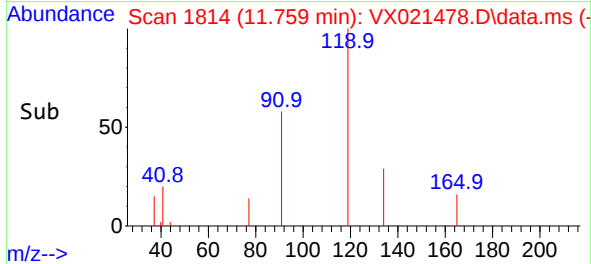




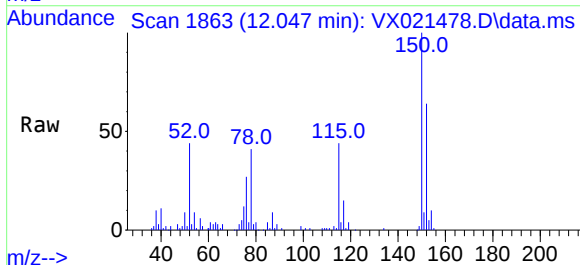
#83
tert-Butylbenzene
Concen: 0.20 ug/l
RT: 11.759 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30



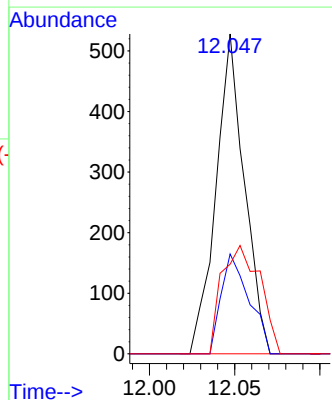
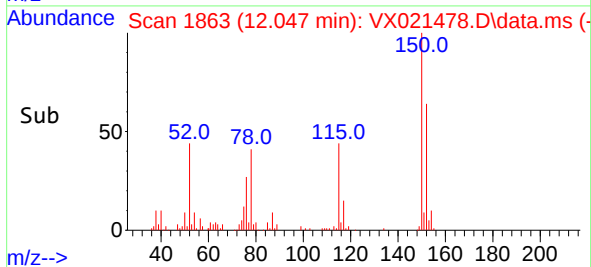
Tgt Ion:119 Resp: 553
Ion Ratio Lower Upper
119 100
91 64.7 27.9 83.7
134 22.1 11.3 33.9



#86
p-Isopropyltoluene
Concen: 0.21 ug/l
RT: 12.047 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30



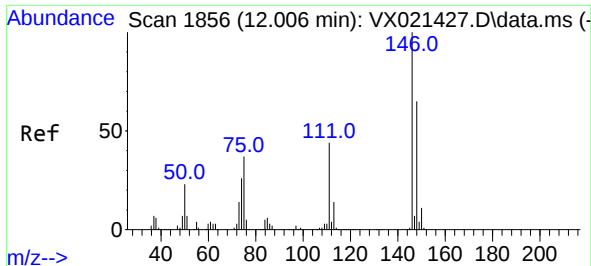
Tgt Ion:119 Resp: 612
Ion Ratio Lower Upper
119 100
134 30.6 12.9 38.7
91 45.4 11.7 35.0#



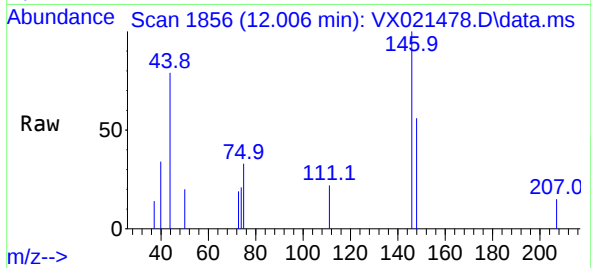
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2021

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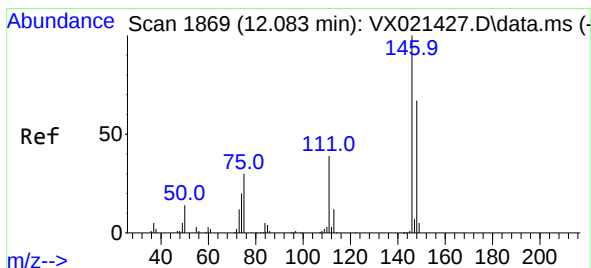
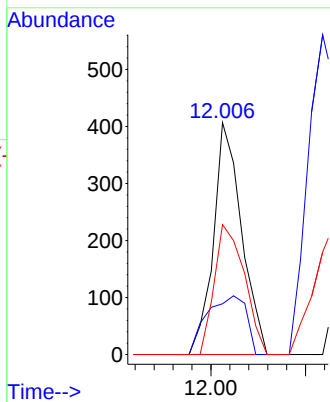
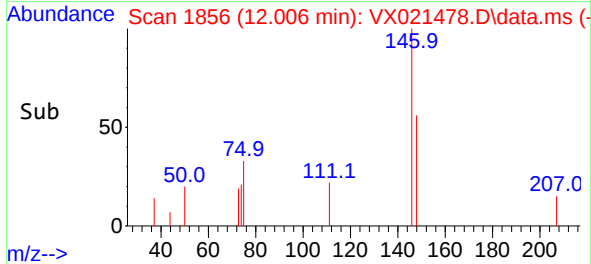
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3/26/2021 1:13:53 PM



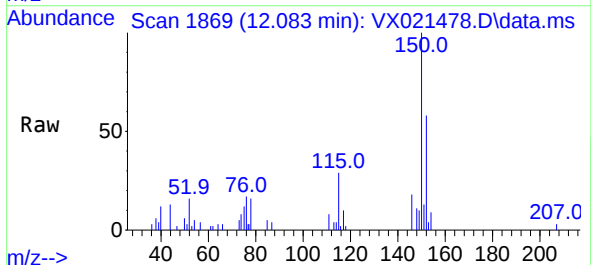
#87
1,3-Dichlorobenzene
Concen: 0.28 ug/l
RT: 12.006 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30



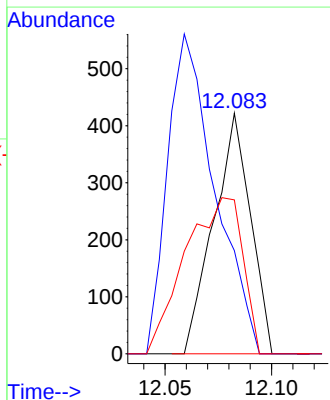
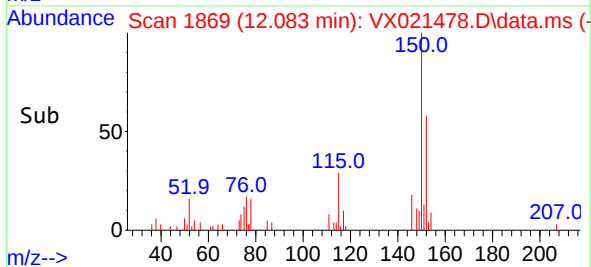
Tgt Ion:146 Resp: 421
Ion Ratio Lower Upper
146 100
111 35.2 20.2 60.5
148 59.6 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 0.33 ug/l m
RT: 12.083 min Scan# 1869
Delta R.T. -0.000 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30



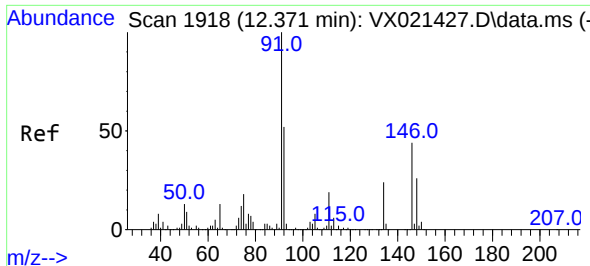
Tgt Ion:146 Resp: 508
Ion Ratio Lower Upper
146 100
111 29.1 19.6 58.8
148 49.4 31.6 95.0



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

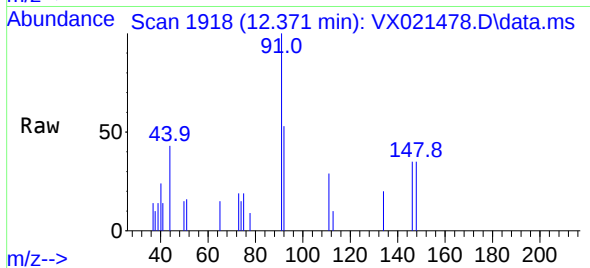
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3/26/2021 1:13:53 PM



#89
n-Butylbenzene
Concen: 0.24 ug/l
RT: 12.371 min Scan# 1918
Delta R.T. -0.000 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30

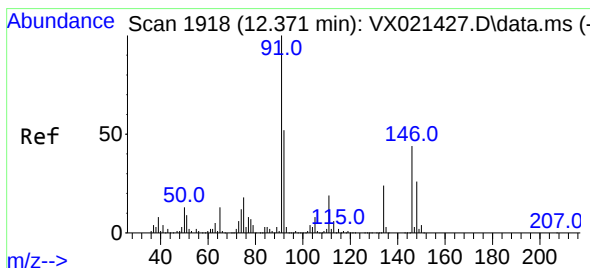
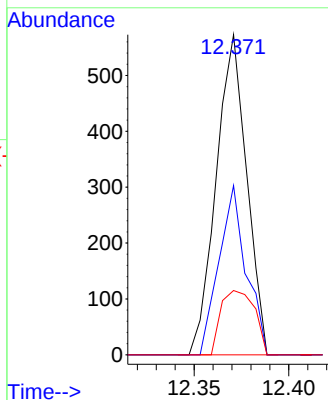
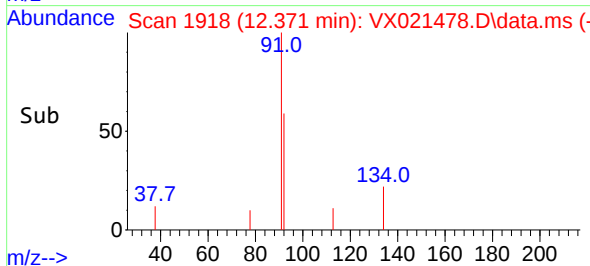
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2021



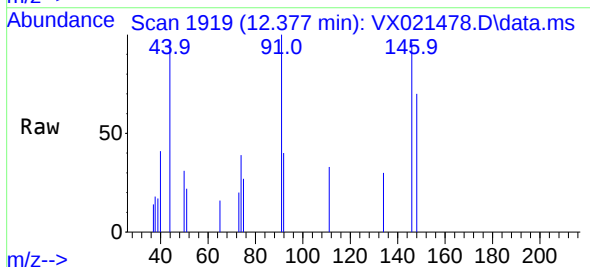
Tgt Ion: 91 Resp: 642
Ion Ratio Lower Upper
91 100
92 47.2 27.4 82.0
134 22.1 13.2 39.5

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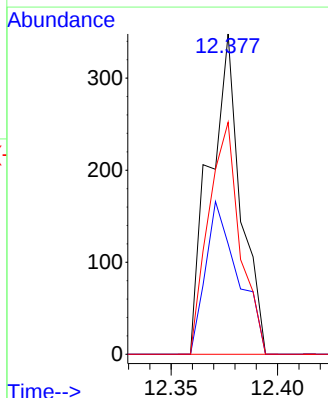
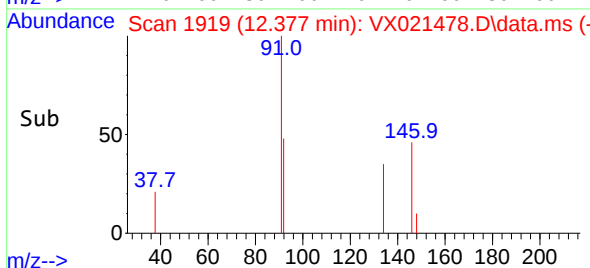
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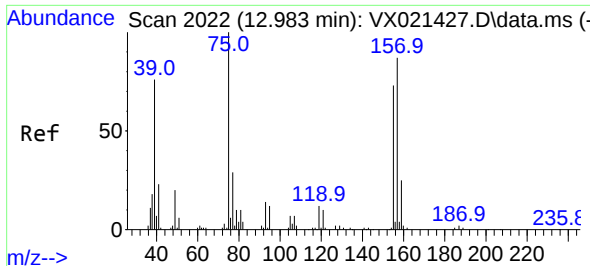


#91
1,2-Dichlorobenzene
Concen: 0.25 ug/l
RT: 12.377 min Scan# 1919
Delta R.T. 0.006 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30



Tgt Ion: 146 Resp: 355
Ion Ratio Lower Upper
146 100
111 49.9 20.8 62.2
148 73.2 31.9 95.5





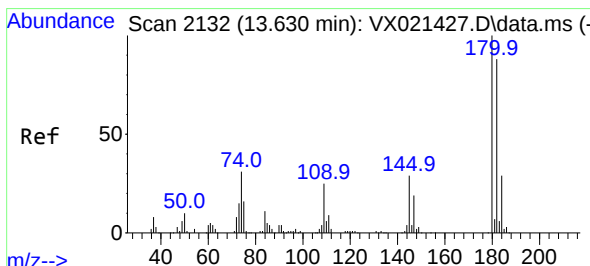
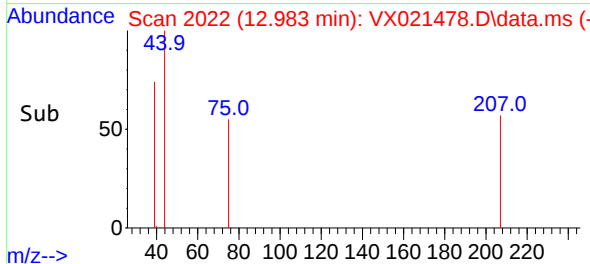
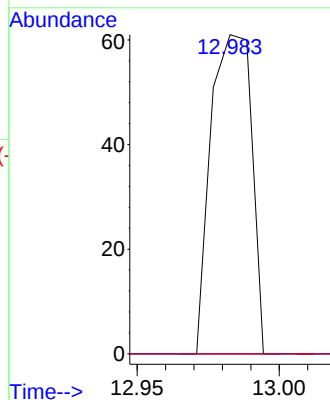
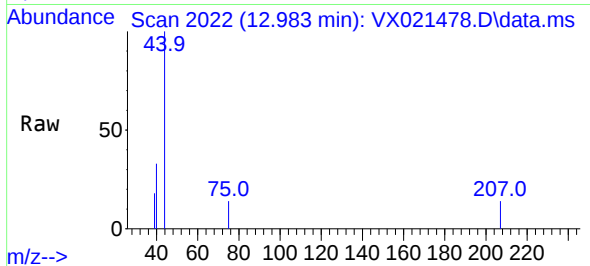
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.23 ug/l
RT: 12.983 min Scan# 2022
Delta R.T. -0.000 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30

Tgt Ion: 75 Resp: 61
Ion Ratio Lower Upper
75 100
155 0.0 45.3 135.9#
157 0.0 57.7 173.1#

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

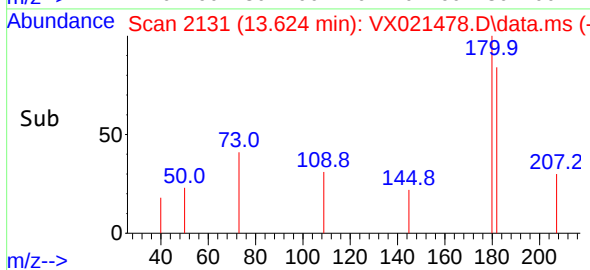
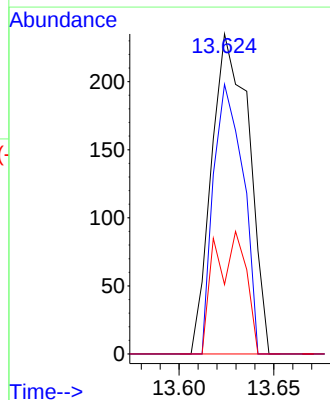
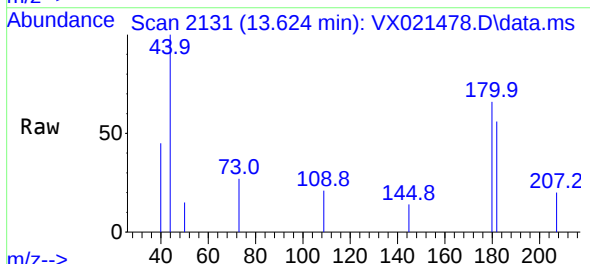
Manual Integrations
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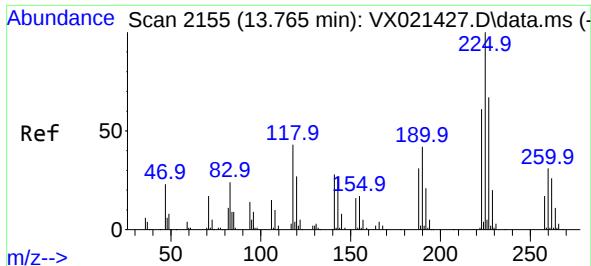
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3/26/2021 1:13:53 PM



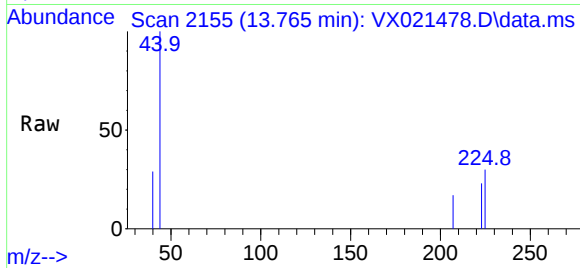
#93
1,2,4-Trichlorobenzene
Concen: 0.34 ug/l
RT: 13.624 min Scan# 2131
Delta R.T. -0.006 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30

Tgt Ion:180 Resp: 322
Ion Ratio Lower Upper
180 100
182 67.1 47.7 143.1
145 31.7 15.0 45.0

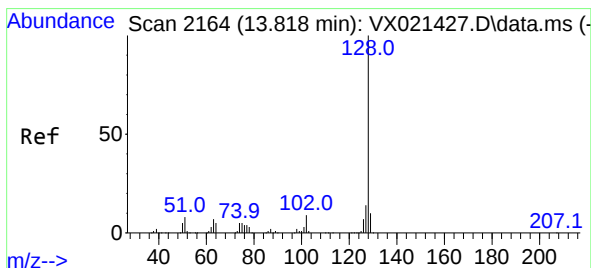
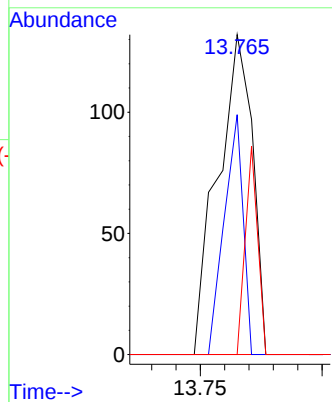
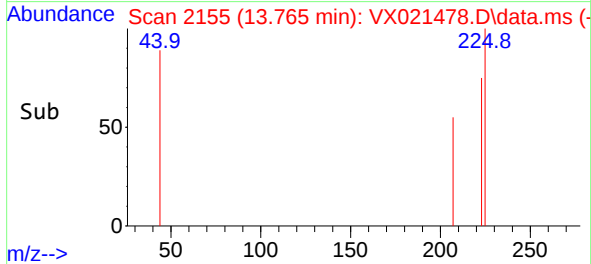




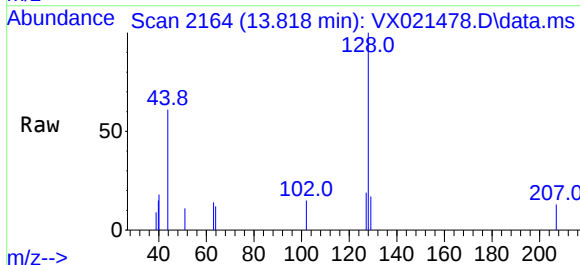
#94
Hexachlorobutadiene
Concen: 0.31 ug/l
RT: 13.765 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30



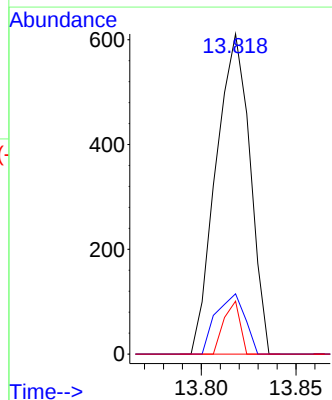
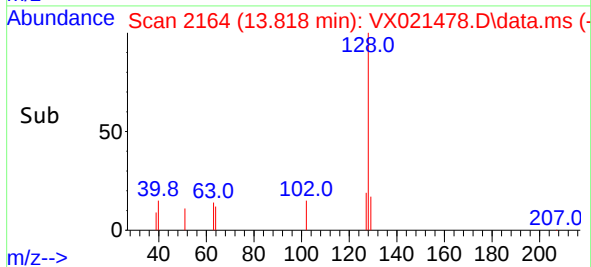
Tgt Ion:225 Resp: 131
Ion Ratio Lower Upper
225 100
223 40.5 31.1 93.2
227 22.9 31.6 95.0#



#95
Naphthalene
Concen: 0.25 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021478.D
Acq: 25 Mar 2021 12:30



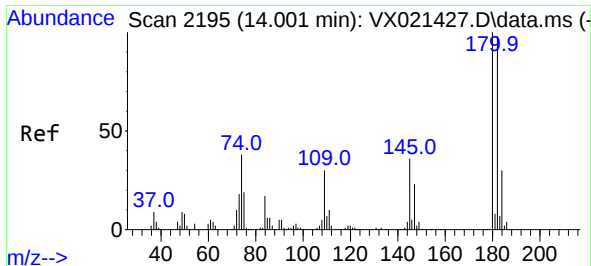
Tgt Ion:128 Resp: 764
Ion Ratio Lower Upper
128 100
127 16.0 10.3 15.5#
129 7.9 8.8 13.2#



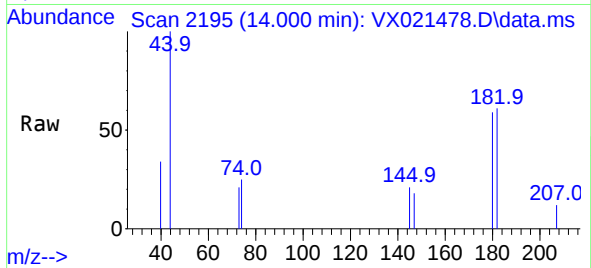
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2021

Manual Integrations
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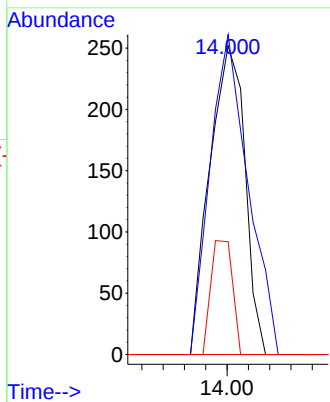
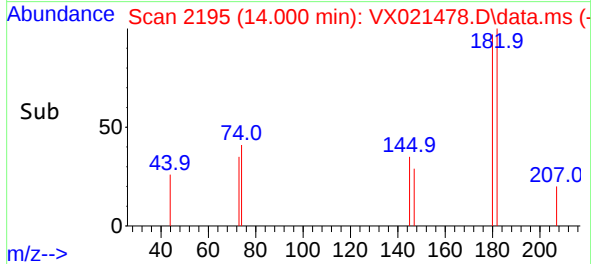
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3/26/2021 1:13:53 PM



#96
 1,2,3-Trichlorobenzene
 Concen: 0.31 ug/l
 RT: 14.000 min Scan# 2195
 Delta R.T. -0.001 min
 Lab File: VX021478.D
 Acq: 25 Mar 2021 12:30



Tgt Ion:	180	Resp:	289
Ion	Ratio	Lower	Upper
180	100		
182	111.8	47.6	142.9
145	22.5	16.1	48.3



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

Manual Integrations
 APPROVED

MMDadoda
 3/26/2021 1:13:53 PM