

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010721\
 Data File : VX020529.D
 Acq On : 07 Jan 2021 16:32
 Operator : JC/MD
 Sample : L5214-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 1/8/2021 10:10:48 AM

Quant Time: Jan 08 00:56:35 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM010721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 00:55:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.824	114	414850	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.092	117	390772	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.061	152	176838	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.386	65	139207	41.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.54%
7) Chloroethane-d5	1.691	69	114467	43.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.88%
11) 1,1-Dichloroethene-d2	2.343	63	203809	32.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.48%
21) 2-Butanone-d5	4.526	46	185577	90.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.87%
24) Chloroform-d	5.135	84	270035	47.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.16%
26) 1,2-Dichloroethane-d4	6.025	65	172127	45.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.64%
32) Benzene-d6	6.044	84	552521	47.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.02%
36) 1,2-Dichloropropane-d6	7.367	67	171308	47.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.26%
41) Toluene-d8	8.696	98	473158	44.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.80%
43) trans-1,3-Dichloroprop...	8.988	79	79219	44.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.60%
47) 2-Hexanone-d5	9.421	63	140109	87.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.27%
56) 1,1,2,2-Tetrachloroeth...	11.232	84	210103	41.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.24%
66) 1,2-Dichlorobenzene-d4	12.360	152	169506	48.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.80%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	9670	2.39	ug/L	97
3) Chloromethane	1.313	50	8650	2.38	ug/L	99
5) Vinyl chloride	1.392	62	9065	2.35	ug/L #	75
6) Bromomethane	1.636	94	5405	2.77	ug/L	96
8) Chloroethane	1.715	64	5825	2.52	ug/L	99
9) Trichlorofluoromethane	1.916	101	11497	2.36	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.367	101	8972	2.97	ug/L	86
12) 1,1-Dichloroethene	2.355	96	8573	2.90	ug/L #	1
13) Acetone	2.422	43	8789	5.25	ug/L	98
14) Carbon disulfide	2.550	76	20992	2.21	ug/L	98
15) Methyl Acetate	2.752	43	7401	2.22	ug/L	97
16) Methylene chloride	2.831	84	9235	2.61	ug/L	98
17) trans-1,2-Dichloroethene	3.136	96	7069	2.22	ug/L	98
18) Methyl tert-butyl Ether	3.166	73	20684	2.15	ug/L	97
19) 1,1-Dichloroethane	3.666	63	13287	2.31	ug/L	100
20) cis-1,2-Dichloroethene	4.556	96	7964	2.29	ug/L	90
22) 2-Butanone	4.635	43	10550	4.26	ug/L	98
23) Bromochloromethane	4.977	128	4109	2.28	ug/L	93
25) Chloroform	5.166	83	15206	2.42	ug/L	96

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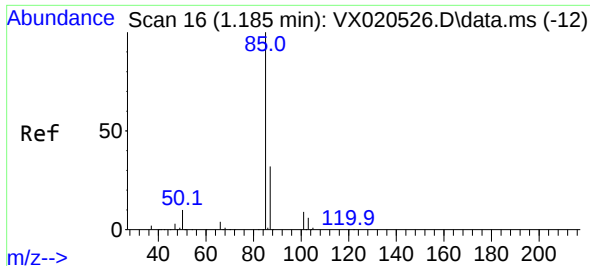
Manual Integrations
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Quant Time: Jan 08 00:56:35 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM010721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 00:55:52 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.153	62	11205	2.42	ug/L	99
29) Cyclohexane	5.544	56	9848	2.04	ug/L	96
30) 1,1,1-Trichloroethane	5.458	97	11848	2.37	ug/L	98
31) Carbon tetrachloride	5.745	117	9925m	2.35	ug/L	
33) Benzene	6.111	78	30558	2.37	ug/L	100
34) Trichloroethene	7.184	95	8019	2.44	ug/L	98
35) Methylcyclohexane	7.440	83	10128	2.05	ug/L	94
37) 1,2-Dichloropropane	7.482	63	7753	2.37	ug/L	98
38) Bromodichloromethane	7.873	83	9635	2.29	ug/L	97
39) cis-1,3-Dichloropropene	8.415	75	11204	2.27	ug/L	94
40) 4-Methyl-2-pentanone	8.616	43	16902	3.93	ug/L	100
42) Toluene	8.763	91	31347	2.32	ug/L	99
44) trans-1,3-Dichloropropene	9.019	75	10337	2.15	ug/L	97
45) 1,1,2-Trichloroethane	9.195	97	7749	2.39	ug/L	99
46) Tetrachloroethene	9.317	164	6047	2.37	ug/L	93
48) 2-Hexanone	9.470	43	16347	4.81	ug/L	98
49) Dibromochloromethane	9.561	129	7349	2.21	ug/L	98
50) 1,2-Dibromoethane	9.653	107	7943	2.36	ug/L	97
51) Chlorobenzene	10.116	112	20081	2.34	ug/L	99
52) Ethylbenzene	10.232	91	31494	2.18	ug/L	97
53) m,p-Xylene	10.342	106	11117	2.06	ug/L	91
54) o-Xylene	10.683	106	10068	1.92	ug/L	92
55) Styrene	10.695	104	16625	1.87	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.250	83	11485	2.23	ug/L	96
59) Bromoform	10.835	173	4692	2.12	ug/L	99
60) Isopropylbenzene	11.000	105	25109	2.01	ug/L	100
61) 1,2,3-Trichloropropane	11.280	75	8904	2.31	ug/L	98
62) 1,3,5-Trimethylbenzene	11.488	105	19466	1.91	ug/L	99
63) 1,2,4-Trimethylbenzene	11.786	105	18895	1.84	ug/L	98
64) 1,3-Dichlorobenzene	12.006	146	12977	2.23	ug/L	93
65) 1,4-Dichlorobenzene	12.079	146	13491	2.30	ug/L	96
67) 1,2-Dichlorobenzene	12.372	146	14273	2.46	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.981	75	2190	2.24	ug/L	96
69) 1,3,5-Trichlorobenzene	13.152	180	9290	2.33	ug/L	96
70) 1,2,4-trichlorobenzene	13.628	180	7117	2.07	ug/L	97
71) Naphthalene	13.817	128	18386	1.62	ug/L	99
72) 1,2,3-Trichlorobenzene	13.999	180	7138	2.02	ug/L	97

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



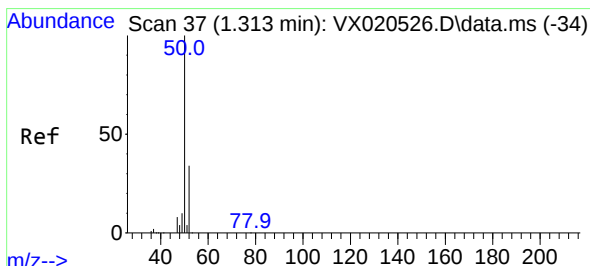
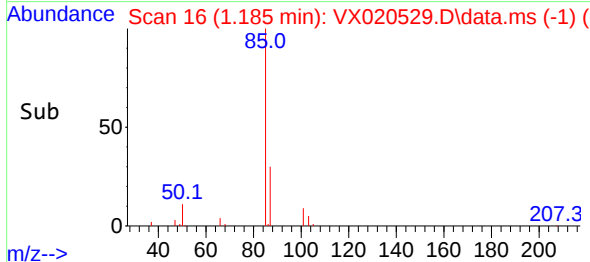
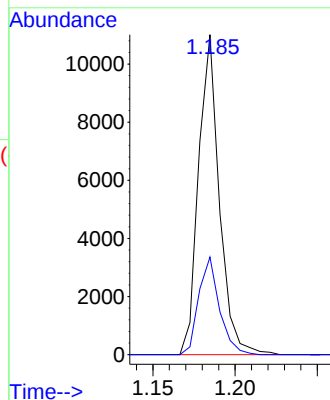
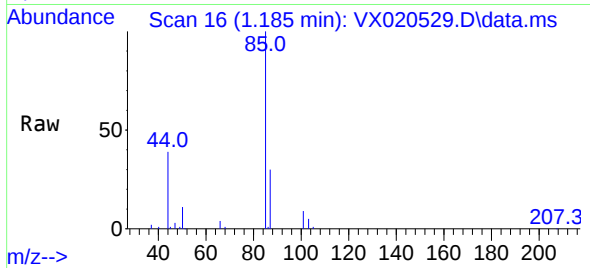
#2
Dichlorodifluoromethane
Concen: 2.39 ug/L
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

Tgt Ion: 85 Resp: 9670
Ion Ratio Lower Upper
85 100
87 30.5 25.9 38.9

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

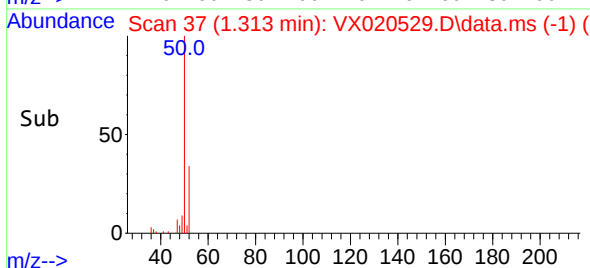
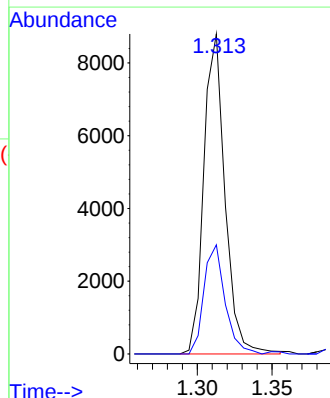
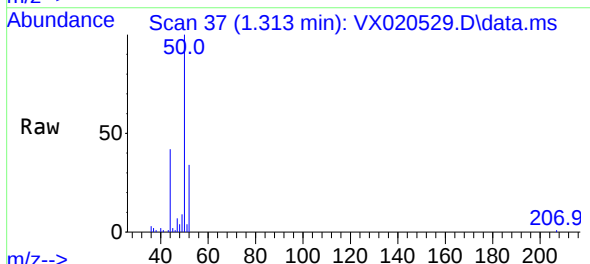
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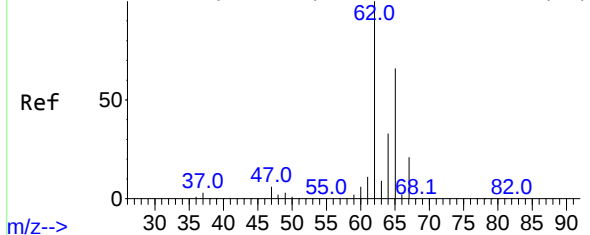


#3
Chloromethane
Concen: 2.38 ug/L
RT: 1.313 min Scan# 37
Delta R.T. 0.000 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

Tgt Ion: 50 Resp: 8650
Ion Ratio Lower Upper
50 100
52 34.1 23.7 43.9



Abundance Scan 50 (1.392 min): VX020526.D\data.ms (-46)



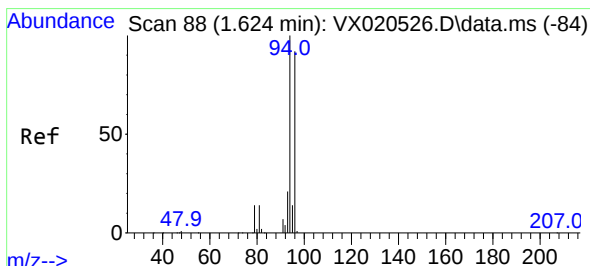
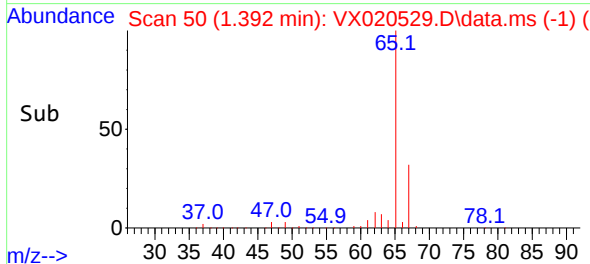
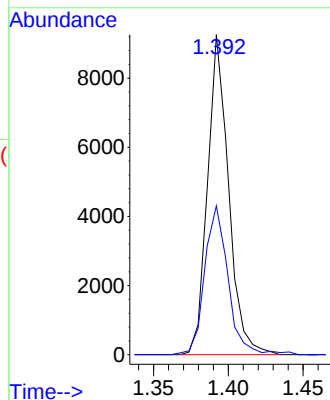
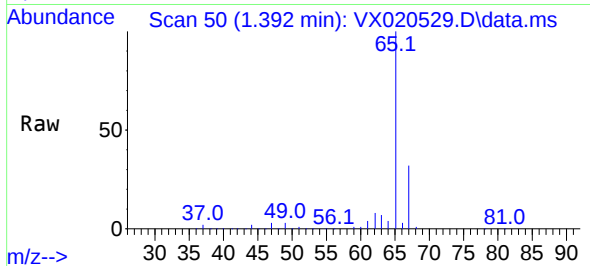
#5
Vinyl chloride
Concen: 2.35 ug/L
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

Tgt Ion: 62 Resp: 9065
Ion Ratio Lower Upper
62 100
64 46.5 22.7 42.3#

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

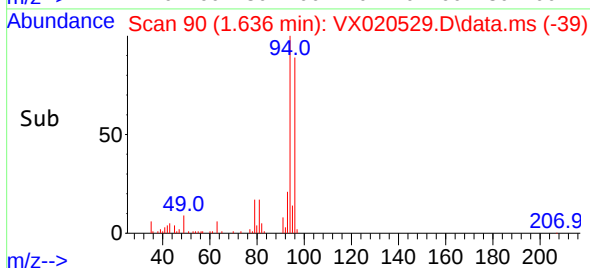
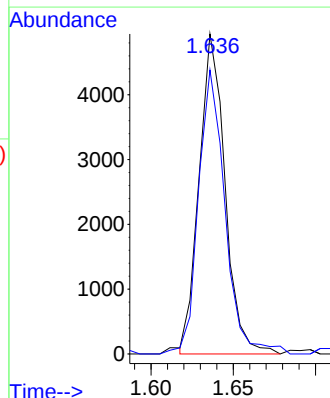
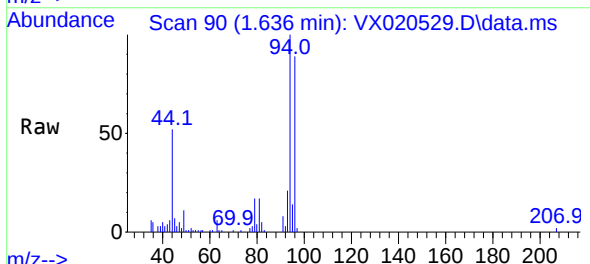
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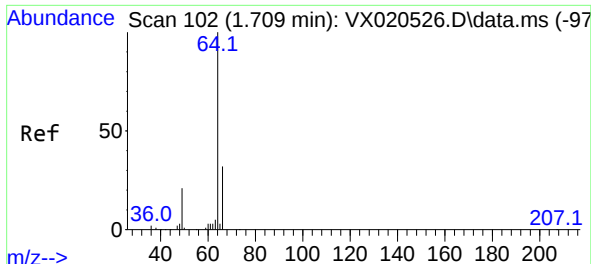
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#6
Bromomethane
Concen: 2.77 ug/L
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

Tgt Ion: 94 Resp: 5405
Ion Ratio Lower Upper
94 100
96 88.7 64.8 120.3





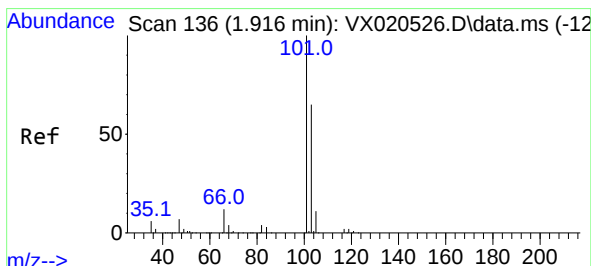
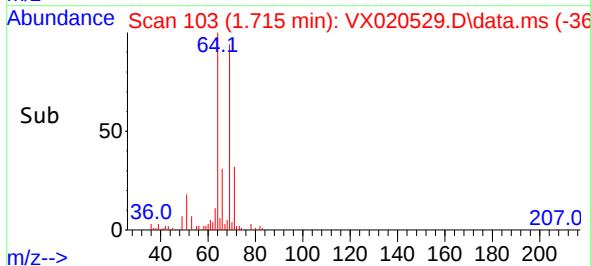
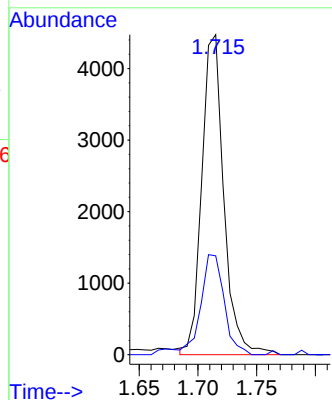
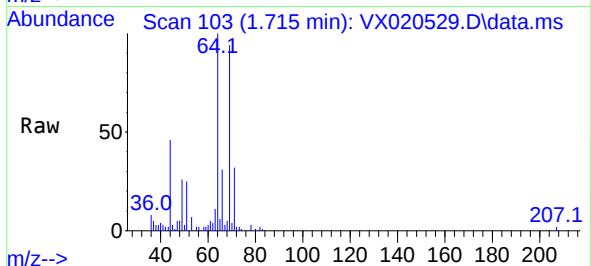
#8
Chloroethane
Concen: 2.52 ug/L
RT: 1.715 min Scan# 103
Delta R.T. 0.006 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

Tgt Ion: 64 Resp: 5825
Ion Ratio Lower Upper
64 100
66 30.9 22.0 41.0

Instrument :
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ClientSampleId :
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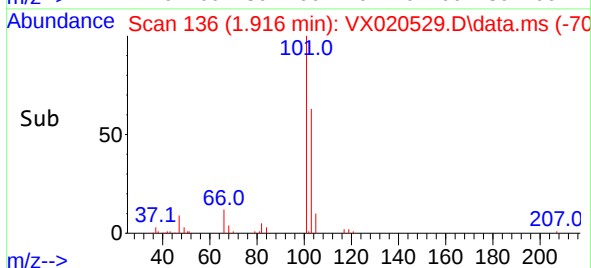
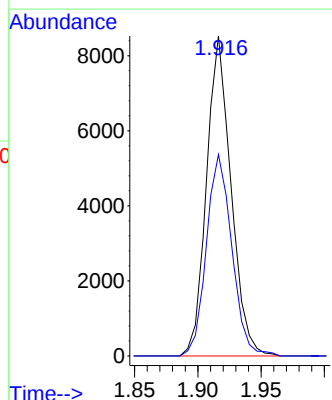
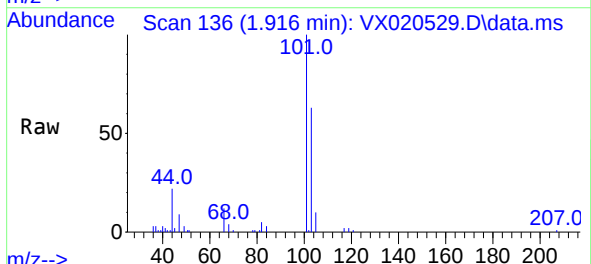
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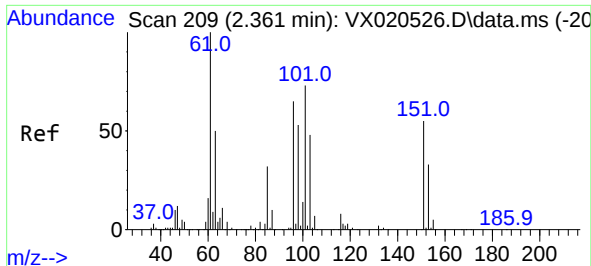
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#9
Trichlorofluoromethane
Concen: 2.36 ug/L
RT: 1.916 min Scan# 136
Delta R.T. 0.000 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

Tgt Ion: 101 Resp: 11497
Ion Ratio Lower Upper
101 100
103 65.4 52.2 78.2





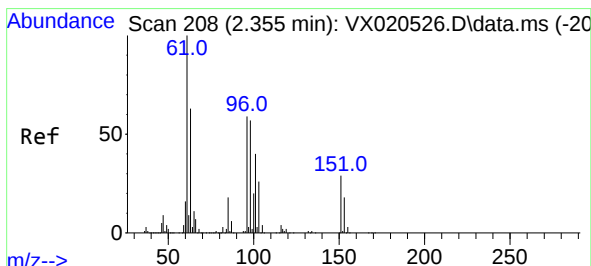
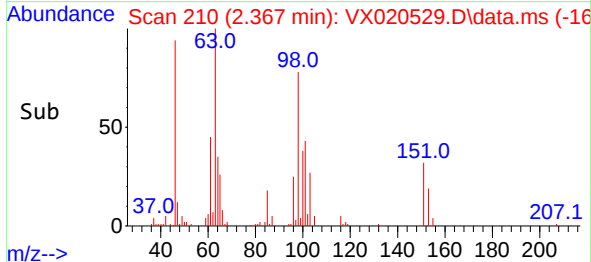
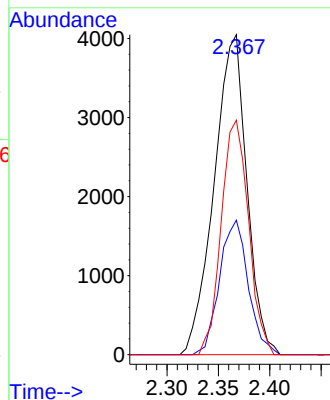
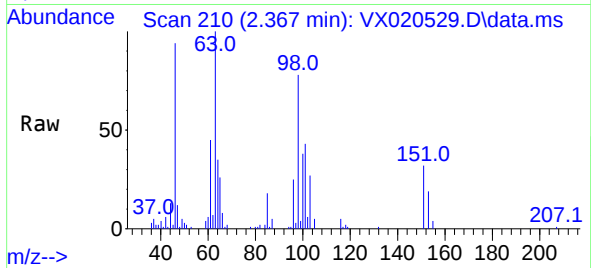
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.97 ug/L
RT: 2.367 min Scan# 210
Delta R.T. 0.006 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

Tgt Ion: 101 Resp: 8972
Ion Ratio Lower Upper
101 100
85 36.9 34.3 51.5
151 61.1 60.7 91.1

Instrument :
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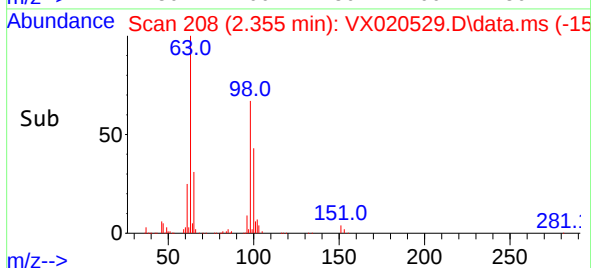
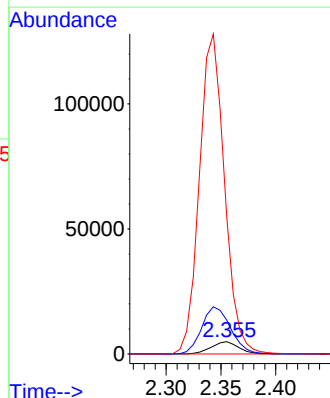
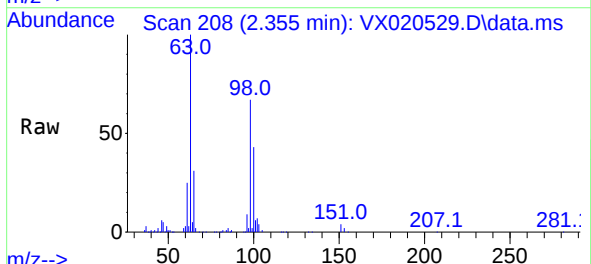
Manual Integrations
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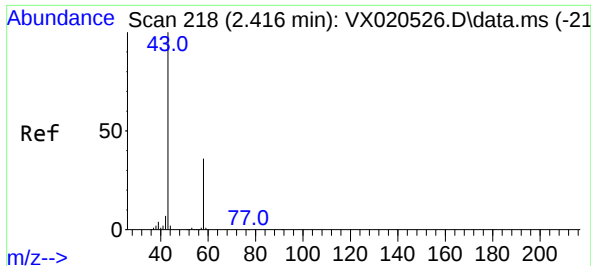
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#12
1,1-Dichloroethene
Concen: 2.90 ug/L
RT: 2.355 min Scan# 208
Delta R.T. 0.000 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

Tgt Ion: 96 Resp: 8573
Ion Ratio Lower Upper
96 100
61 272.4 115.5 214.5#
63 1105.3 77.3 143.7#





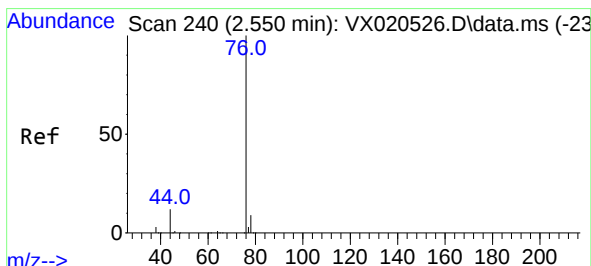
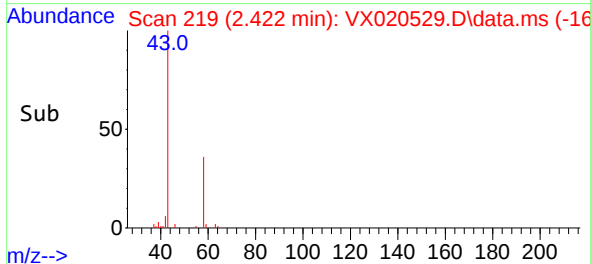
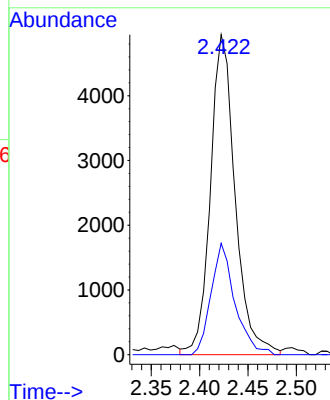
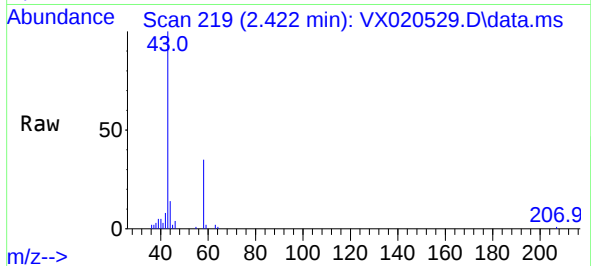
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Acetone
Concen: 5.25 ug/L
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

Tgt Ion: 43 Resp: 8789
Ion Ratio Lower Upper
43 100
58 33.2 0.0 68.2

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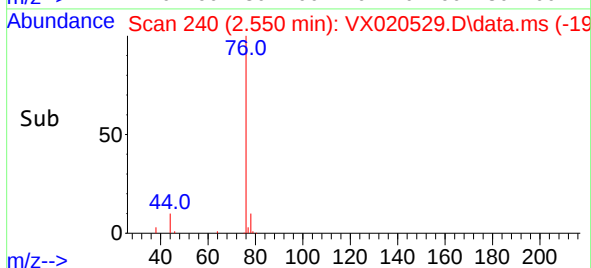
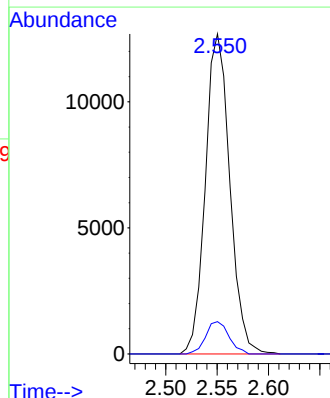
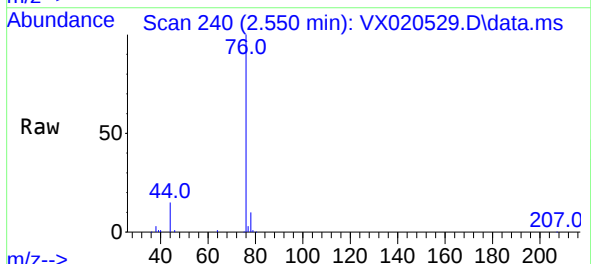
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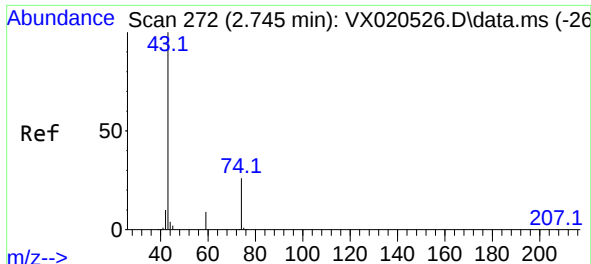
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1/8/2021 10:10:48 AM



#14
Carbon disulfide
Concen: 2.21 ug/L
RT: 2.550 min Scan# 240
Delta R.T. 0.000 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

Tgt Ion: 76 Resp: 20992
Ion Ratio Lower Upper
76 100
78 10.1 7.6 11.4





#15

Methyl Acetate

Concen: 2.22 ug/L

RT: 2.752 min Scan# 273

Delta R.T. 0.006 min

Lab File: VX020529.D

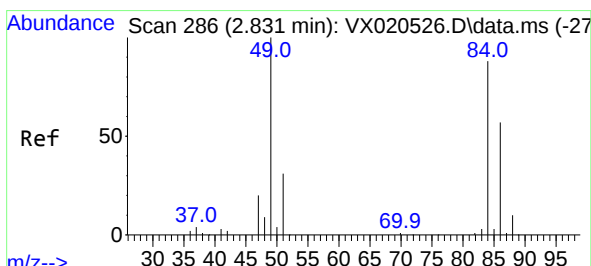
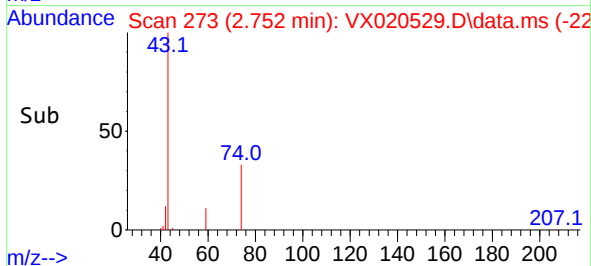
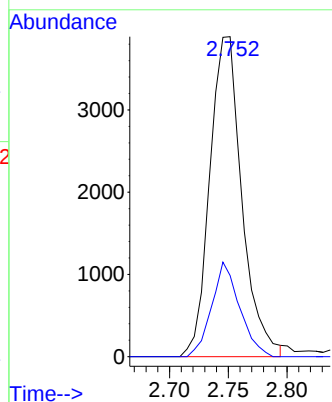
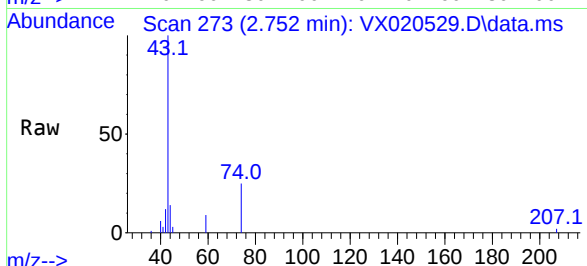
Acq: 07 Jan 2021 16:32

Tgt Ion: 43 Resp: 7401

Ion Ratio Lower Upper

43 100

74 25.7 21.7 32.5



#16

Methylene chloride

Concen: 2.61 ug/L

RT: 2.831 min Scan# 286

Delta R.T. 0.000 min

Lab File: VX020529.D

Acq: 07 Jan 2021 16:32

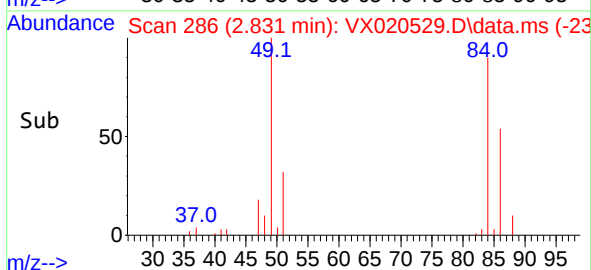
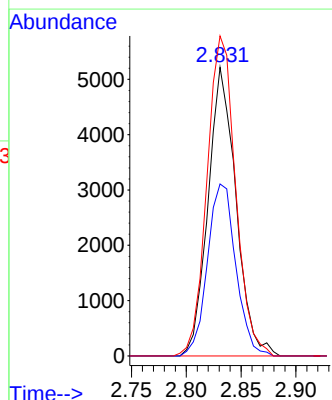
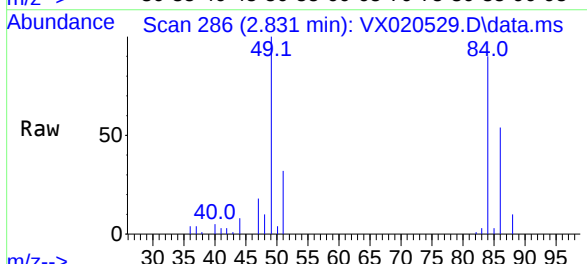
Tgt Ion: 84 Resp: 9235

Ion Ratio Lower Upper

84 100

86 59.6 44.2 82.0

49 110.8 77.8 144.6



Instrument :

MSVOA_X

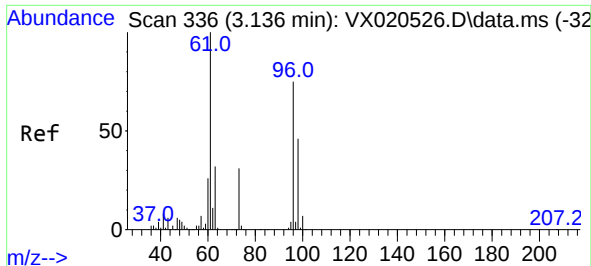
ClientSampleId :

MDL-WATER-QT1-2021-01

Manual Integrations

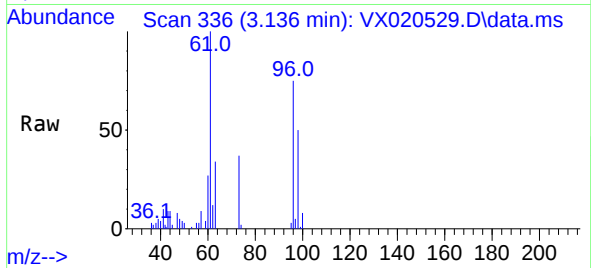
APPROVED

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1/8/2021 10:10:48 AM



#17
trans-1,2-Dichloroethene
Concen: 2.22 ug/L
RT: 3.136 min Scan# 336
Delta R.T. 0.000 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

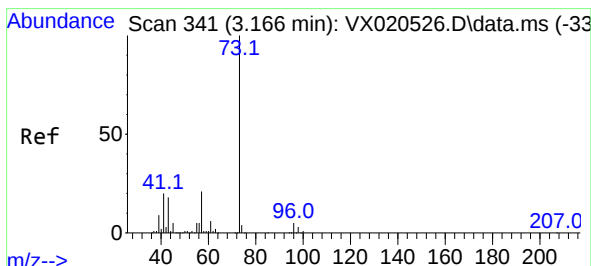
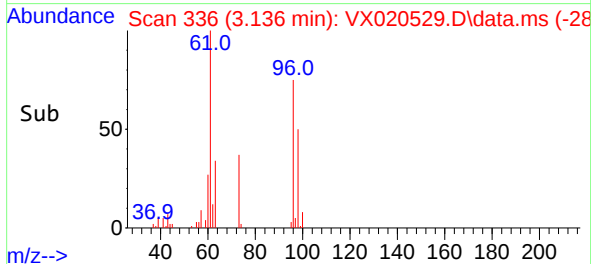
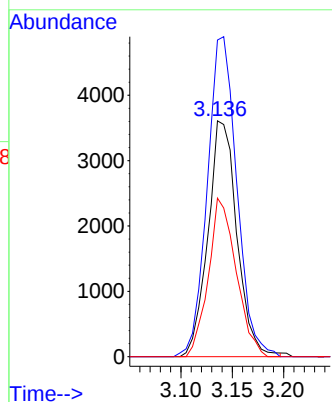
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2021-01



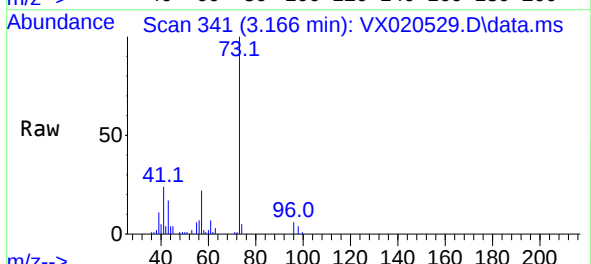
Tgt Ion: 96 Resp: 7069
Ion Ratio Lower Upper
96 100
61 134.2 92.3 171.3
98 67.2 46.3 85.9

Manual Integrations
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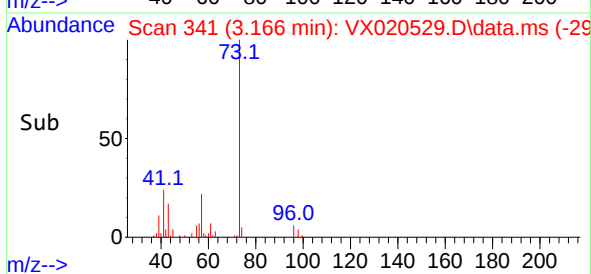
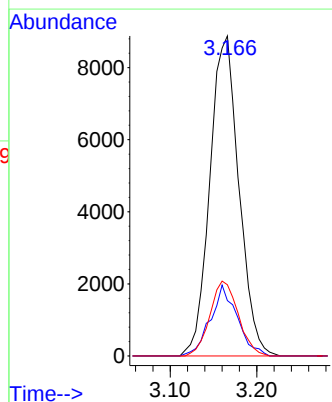
MMDadoda
1/8/2021 10:10:48 AM

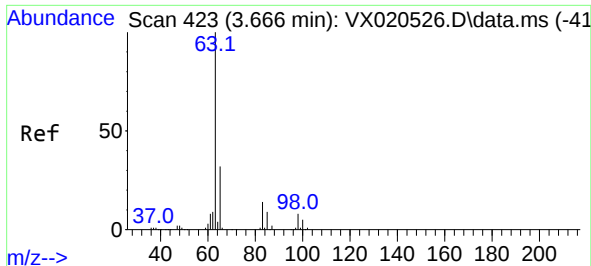


#18
Methyl tert-butyl Ether
Concen: 2.15 ug/L
RT: 3.166 min Scan# 341
Delta R.T. 0.000 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32



Tgt Ion: 73 Resp: 20684
Ion Ratio Lower Upper
73 100
43 20.5 15.1 22.7
57 22.9 17.4 26.2





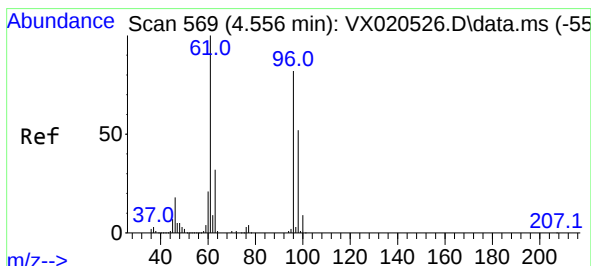
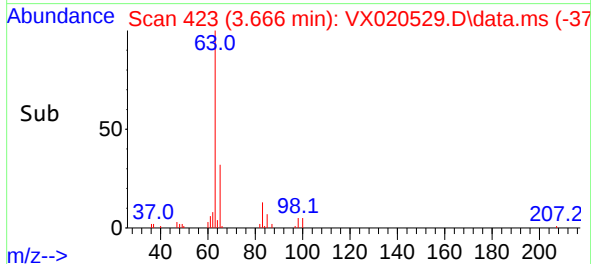
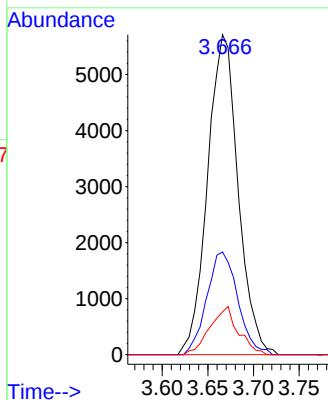
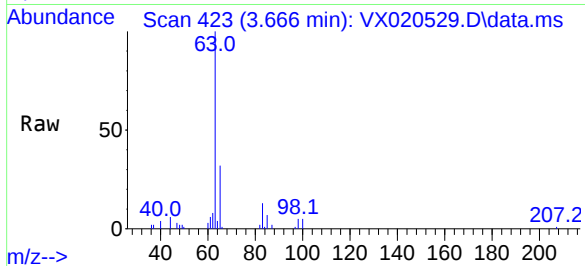
#19
1,1-Dichloroethane
Concen: 2.31 ug/L
RT: 3.666 min Scan# 423
Delta R.T. 0.000 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

Tgt Ion:	63	Resp:	13287
Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.4	41.6
83	13.4	9.5	17.7

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

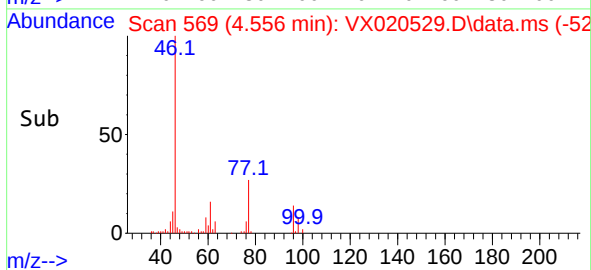
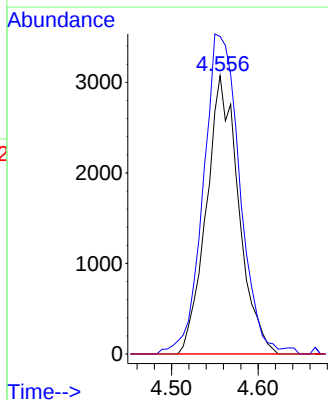
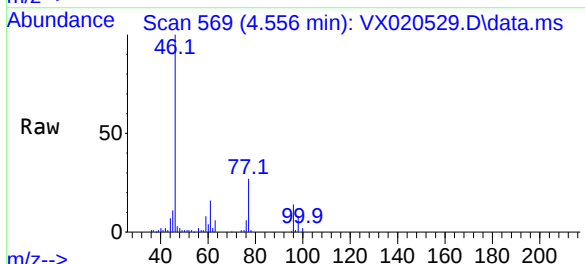
Manual Integrations
APPROVED

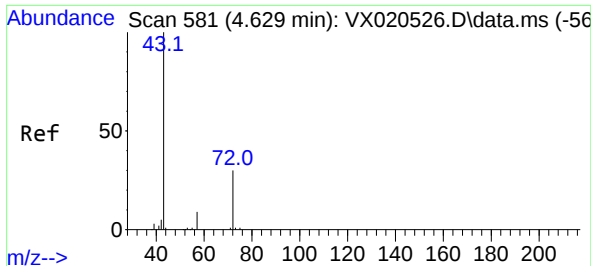
MMDadoda
1/8/2021 10:10:48 AM



#20
cis-1,2-Dichloroethene
Concen: 2.29 ug/L
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

Tgt Ion:	96	Resp:	7964
Ion	Ratio	Lower	Upper
96	100		
61	114.1	87.8	163.0
68	0.0	0.0	0.0





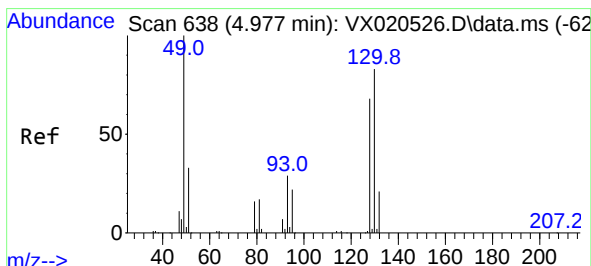
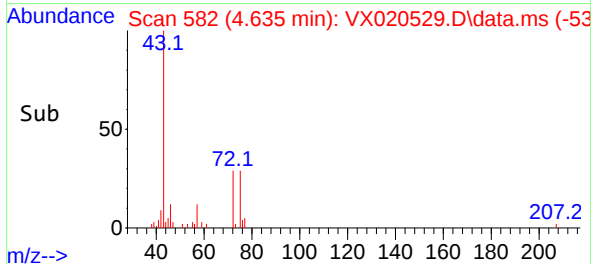
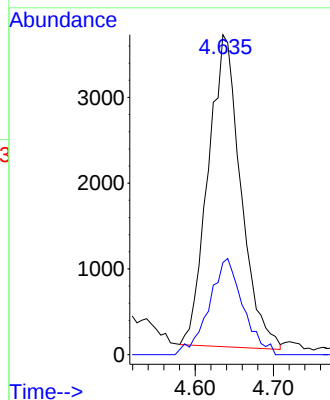
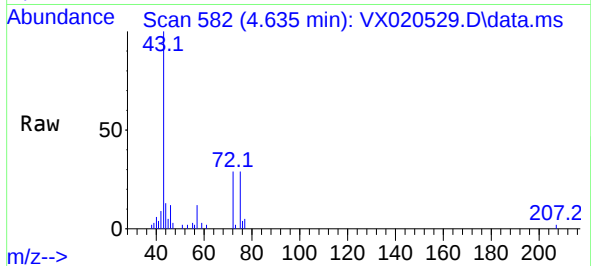
#22
2-Butanone
Concen: 4.26 ug/L
RT: 4.635 min Scan# 582
Delta R.T. 0.006 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

Tgt Ion: 43 Resp: 10550
Ion Ratio Lower Upper
43 100
72 31.5 15.3 45.8

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

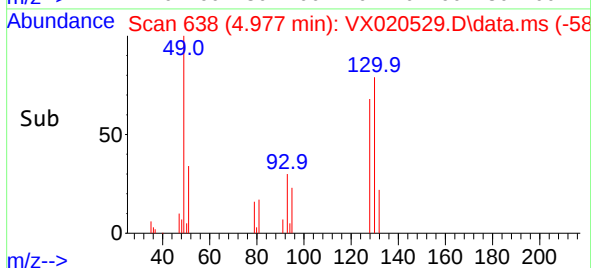
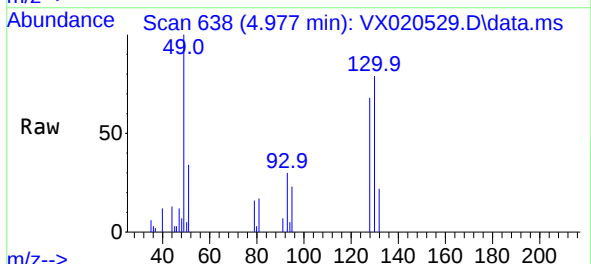
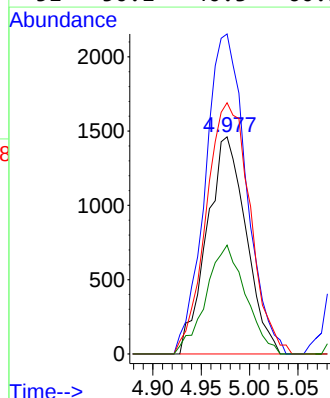
Manual Integrations
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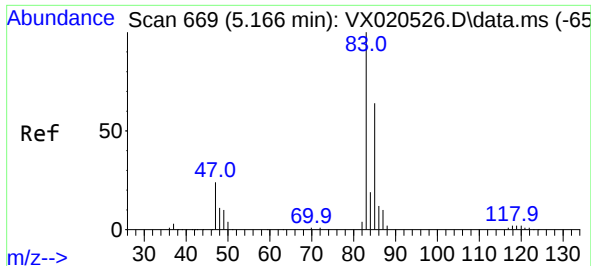
MMDadoda
1/8/2021 10:10:48 AM



#23
Bromochloromethane
Concen: 2.28 ug/L
RT: 4.977 min Scan# 638
Delta R.T. 0.000 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

Tgt Ion: 128 Resp: 4109
Ion Ratio Lower Upper
128 100
49 147.4 107.5 199.7
130 115.7 91.1 169.3
51 50.1 40.3 60.5





#25

Chloroform

Concen: 2.42 ug/L

RT: 5.166 min Scan# 669

Delta R.T. 0.000 min

Lab File: VX020529.D

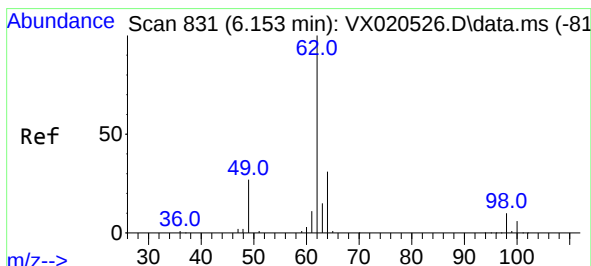
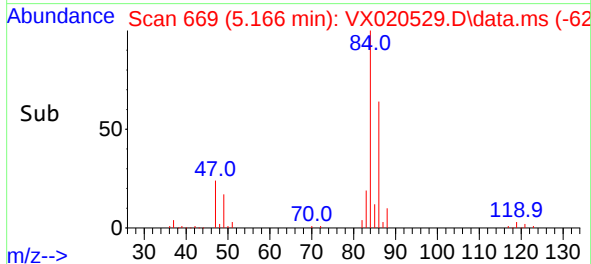
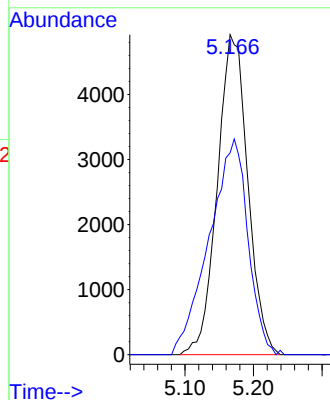
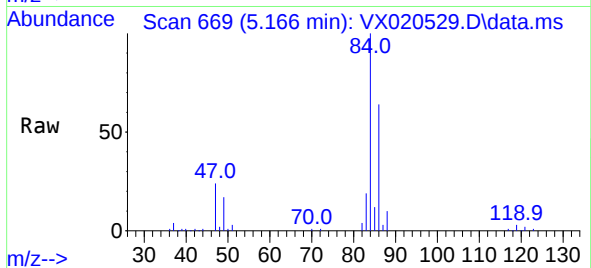
Acq: 07 Jan 2021 16:32

Tgt Ion: 83 Resp: 15206

Ion Ratio Lower Upper

83 100

85 63.1 46.3 85.9



#27

1,2-Dichloroethane

Concen: 2.42 ug/L

RT: 6.153 min Scan# 831

Delta R.T. 0.000 min

Lab File: VX020529.D

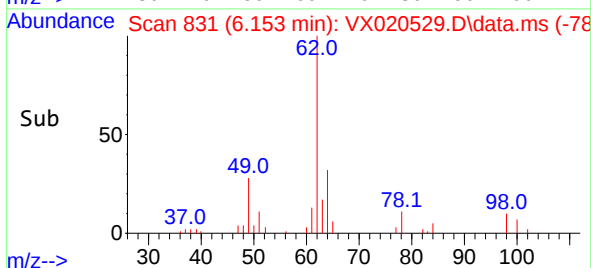
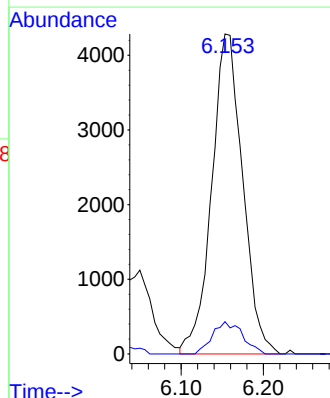
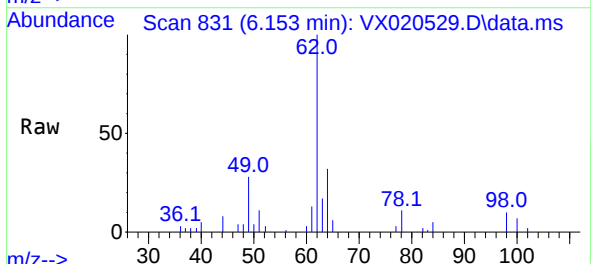
Acq: 07 Jan 2021 16:32

Tgt Ion: 62 Resp: 11205

Ion Ratio Lower Upper

62 100

98 10.1 7.9 11.9



Instrument :

MSVOA_X

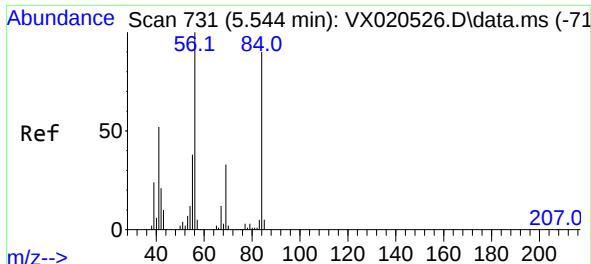
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MDL-WATER-QT1-2021-01

Manual Integrations

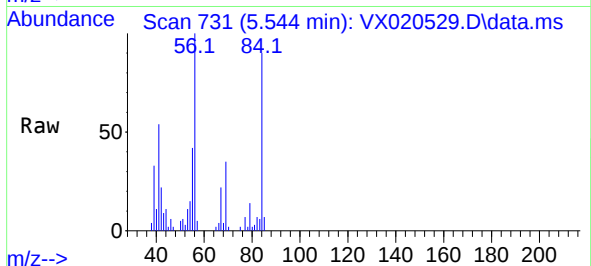
APPROVED

MMDadoda
1/8/2021 10:10:48 AM



#29
Cyclohexane
Concen: 2.04 ug/L
RT: 5.544 min Scan# 731
Delta R.T. 0.000 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

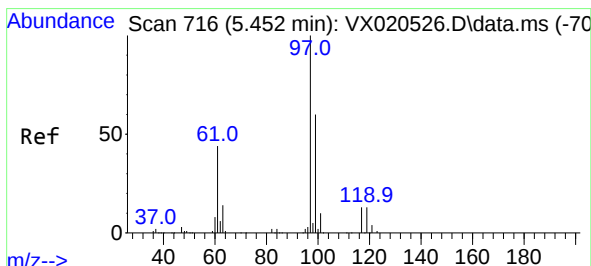
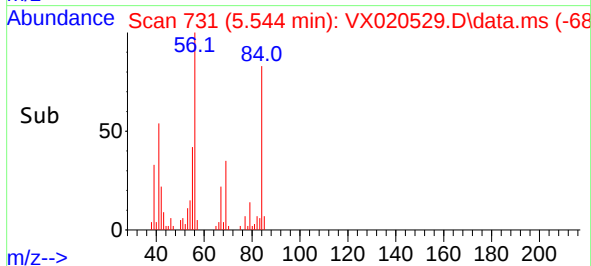
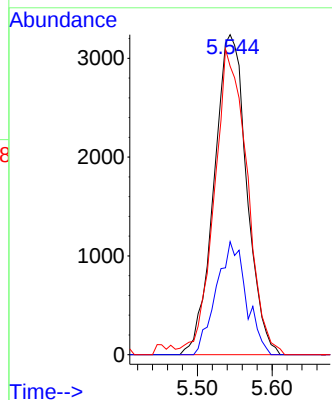
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2021-01



Tgt Ion:	56	Resp:	9848
Ion Ratio	Lower	Upper	
56	100		
69	32.4	25.7	38.5
84	95.9	72.4	108.6

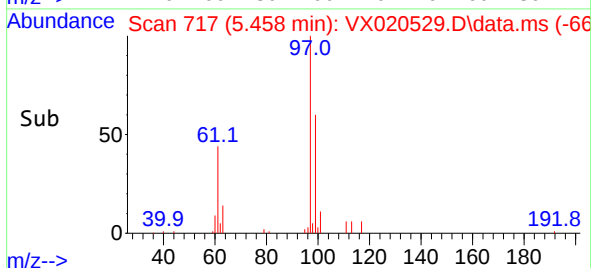
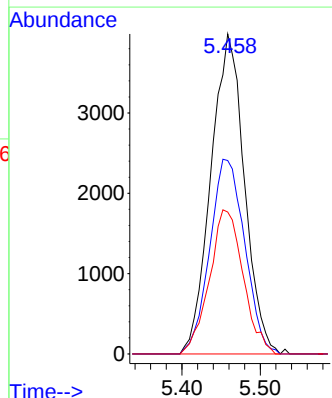
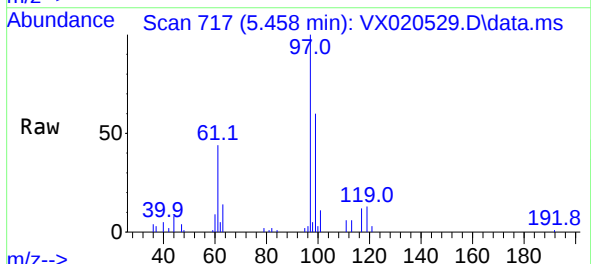
Manual Integrations
APPROVED

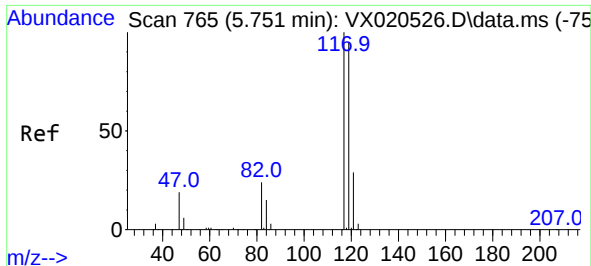
MMDadoda
1/8/2021 10:10:48 AM



#30
1,1,1-Trichloroethane
Concen: 2.37 ug/L
RT: 5.458 min Scan# 717
Delta R.T. 0.006 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

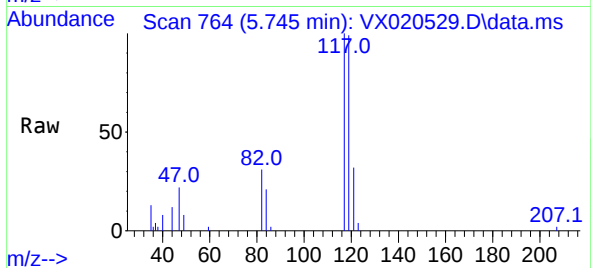
Tgt Ion:	97	Resp:	11848
Ion Ratio	Lower	Upper	
97	100		
99	63.5	52.1	78.1
61	45.3	35.3	52.9





#31
Carbon tetrachloride
Concen: 2.35 ug/L m
RT: 5.745 min Scan# 764
Delta R.T. -0.006 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

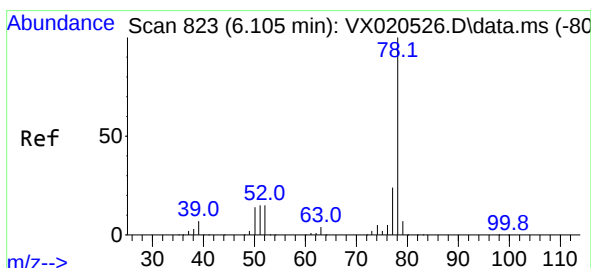
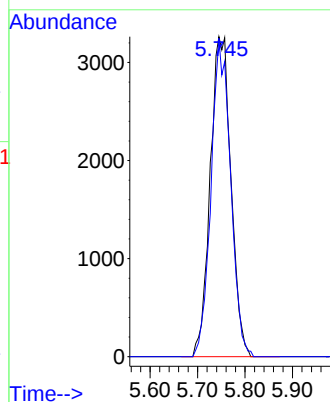
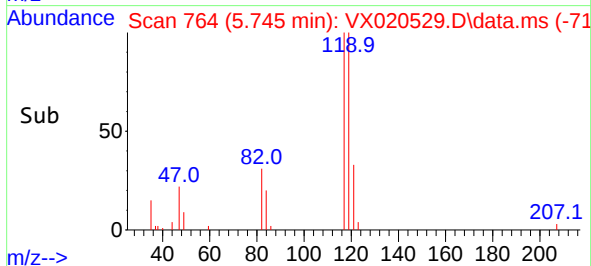
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2021-01



Tgt Ion:117 Resp: 9925
Ion Ratio Lower Upper
117 100
119 93.3 77.5 116.3

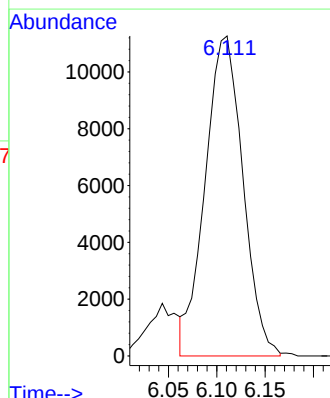
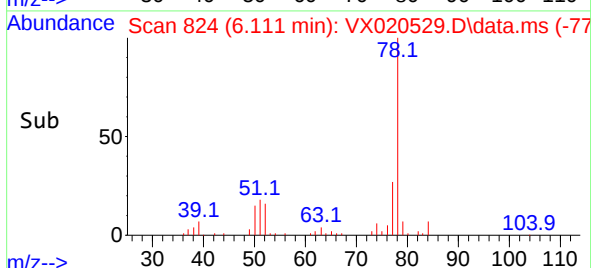
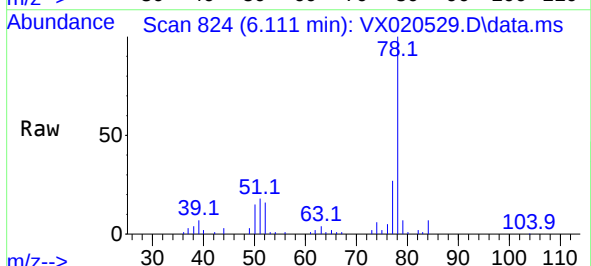
Manual Integrations
APPROVED

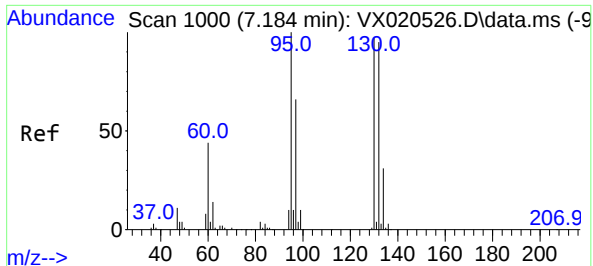
MMDadoda
1/8/2021 10:10:48 AM



#33
Benzene
Concen: 2.37 ug/L
RT: 6.111 min Scan# 824
Delta R.T. 0.006 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

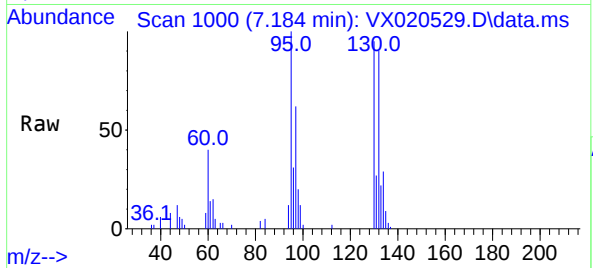
Tgt Ion: 78 Resp: 30558





#34
Trichloroethene
Concen: 2.44 ug/L
RT: 7.184 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

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

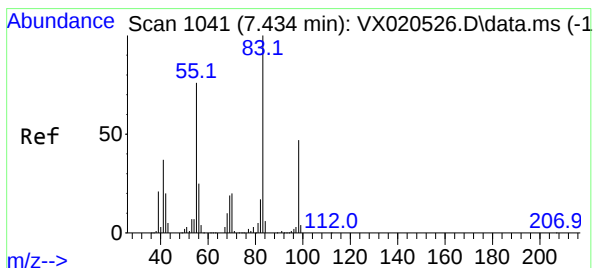
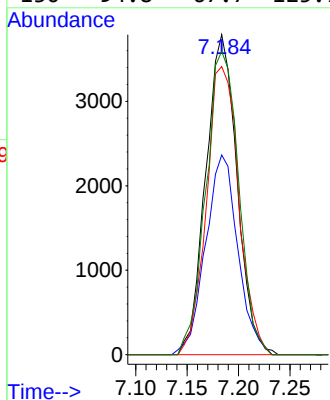


Tgt Ion: 95 Resp: 8019

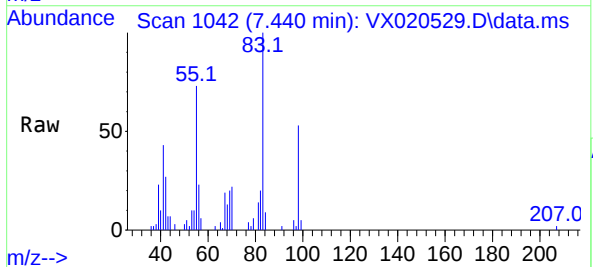
Ion	Ratio	Lower	Upper
95	100		
97	62.4	44.5	82.7
132	90.1	65.2	121.0
130	94.8	67.7	125.7

Manual Integrations
APPROVED

MMDadoda
1/8/2021 10:10:48 AM

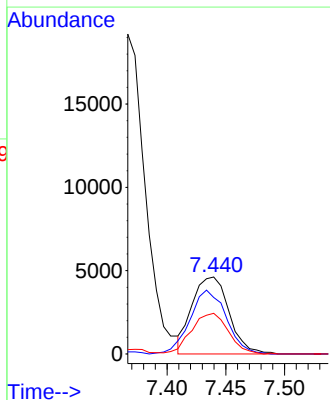
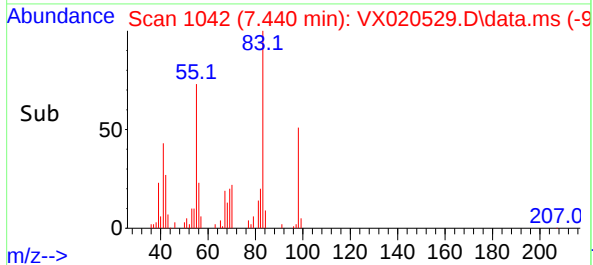


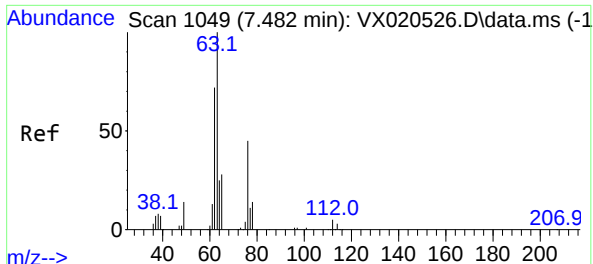
#35
Methylcyclohexane
Concen: 2.05 ug/L
RT: 7.440 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32



Tgt Ion: 83 Resp: 10128

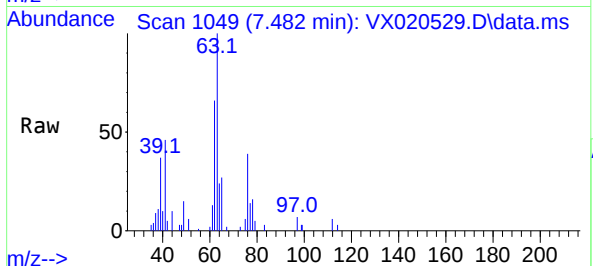
Ion	Ratio	Lower	Upper
83	100		
55	81.7	61.2	91.8
98	52.7	38.7	58.1





#37
1,2-Dichloropropane
Concen: 2.37 ug/L
RT: 7.482 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

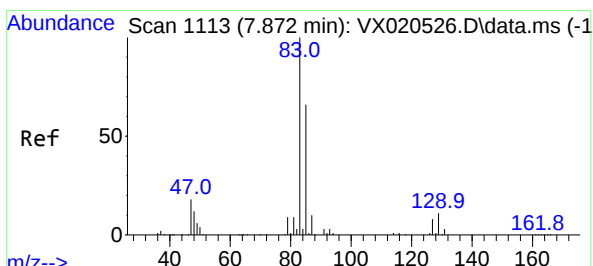
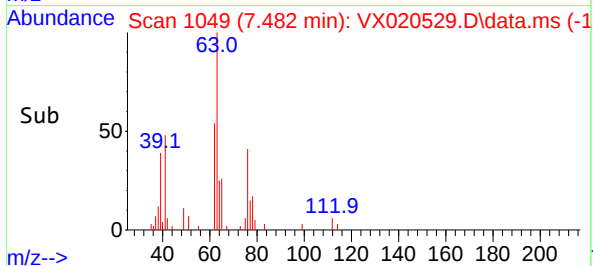
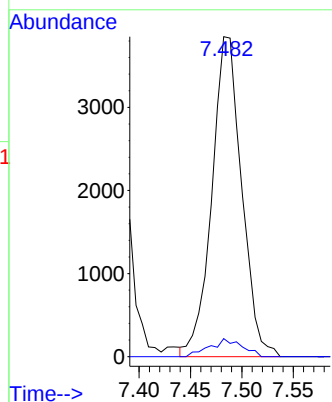
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2021-01



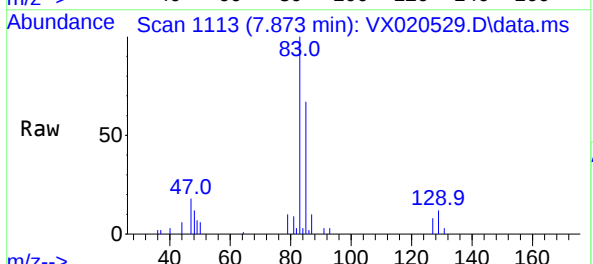
Tgt Ion: 63 Resp: 7753
Ion Ratio Lower Upper
63 100
112 3.9 3.6 5.4

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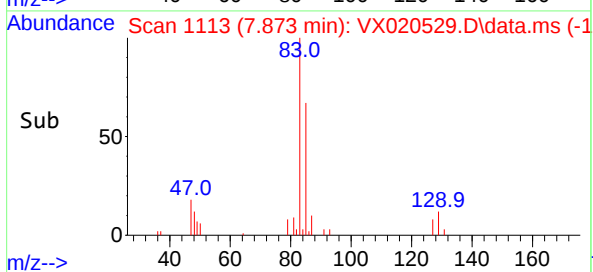
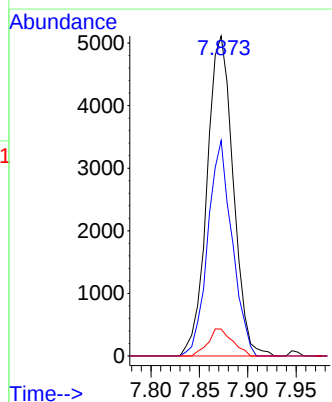
MMDadoda
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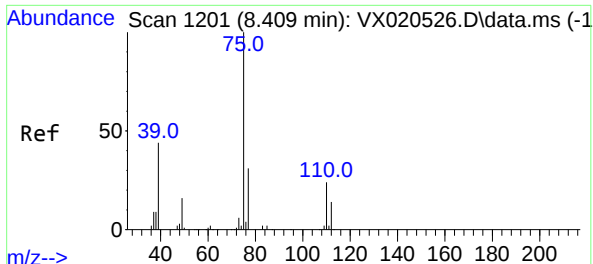


#38
Bromodichloromethane
Concen: 2.29 ug/L
RT: 7.873 min Scan# 1113
Delta R.T. 0.000 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32



Tgt Ion: 83 Resp: 9635
Ion Ratio Lower Upper
83 100
85 67.3 45.1 83.7
127 8.4 6.6 10.0





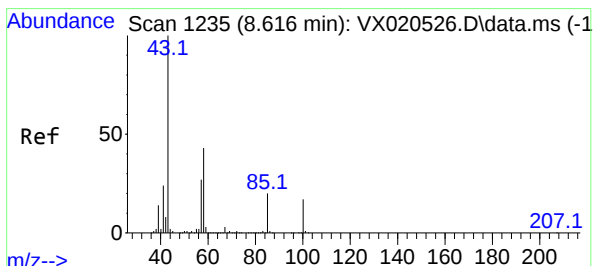
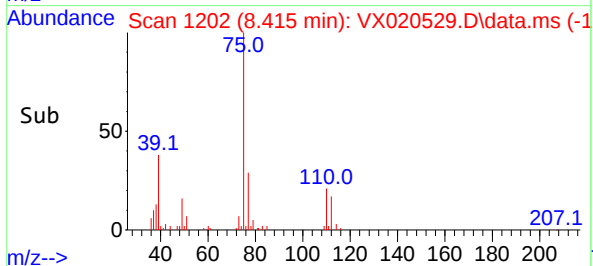
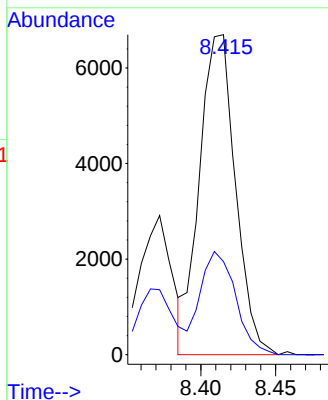
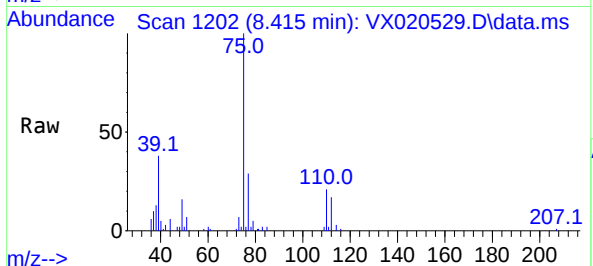
#39
cis-1,3-Dichloropropene
Concen: 2.27 ug/L
RT: 8.415 min Scan# 1202
Delta R.T. 0.006 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

Tgt Ion: 75 Resp: 11204
Ion Ratio Lower Upper
75 100
77 29.1 22.7 42.3

Instrument :
MSVOA_X
ClientSampleId :
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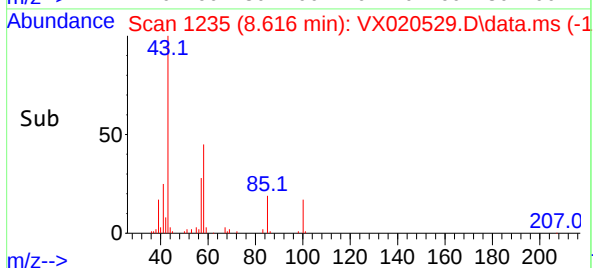
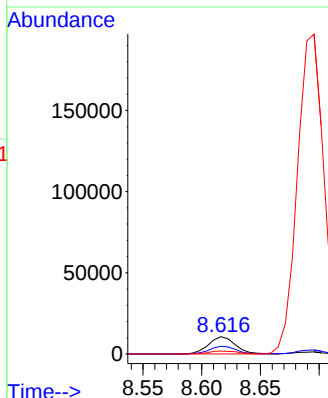
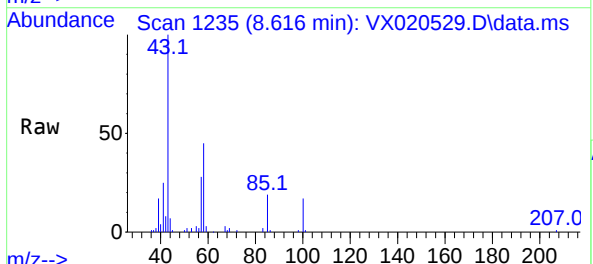
Manual Integrations
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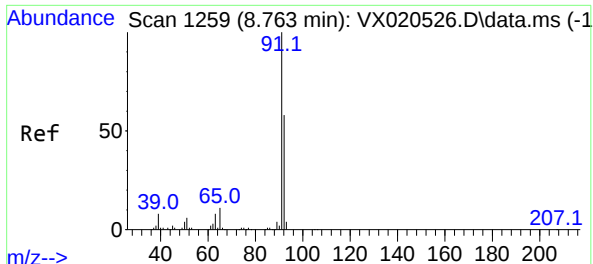
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#40
4-Methyl-2-pentanone
Concen: 3.93 ug/L
RT: 8.616 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

Tgt Ion: 43 Resp: 16902
Ion Ratio Lower Upper
43 100
58 43.8 35.0 52.4
100 18.4 14.2 21.4





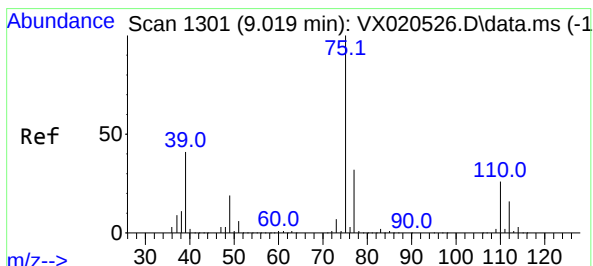
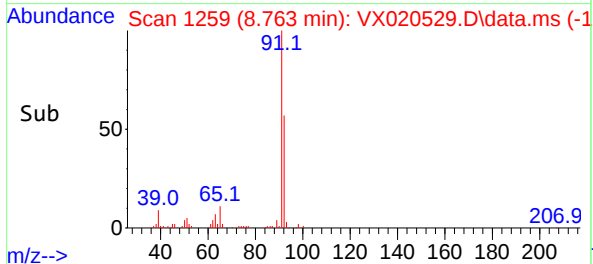
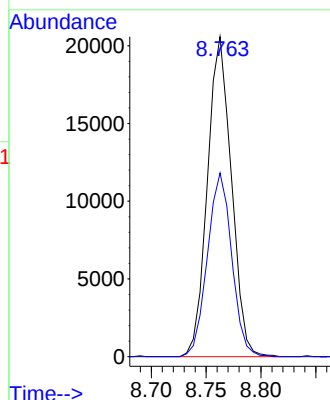
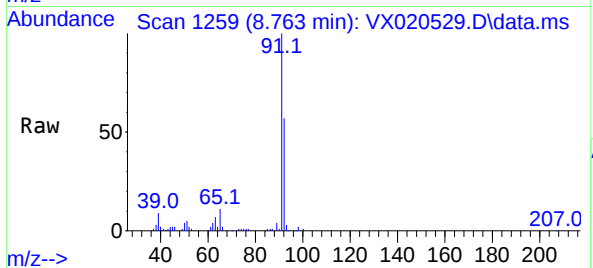
#42
Toluene
Concen: 2.32 ug/L
RT: 8.763 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

Tgt Ion: 91 Resp: 31347
Ion Ratio Lower Upper
91 100
92 57.4 40.5 75.1

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

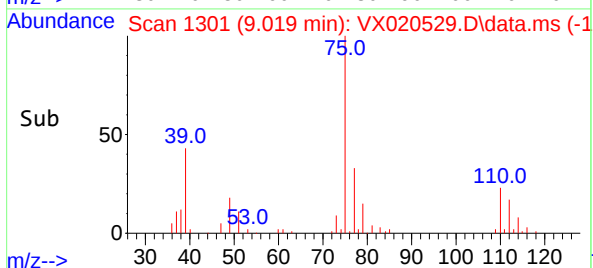
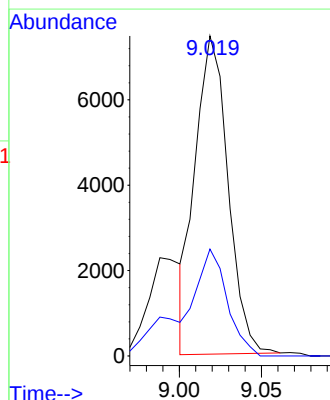
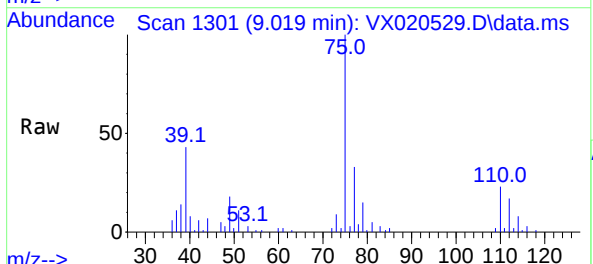
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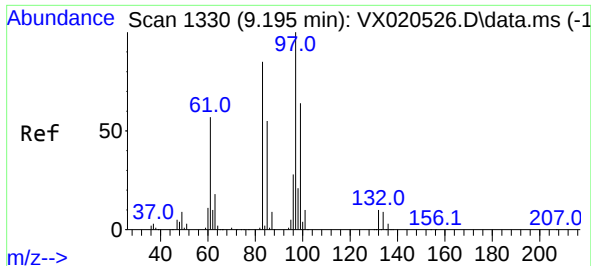
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#44
trans-1,3-Dichloropropene
Concen: 2.15 ug/L
RT: 9.019 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

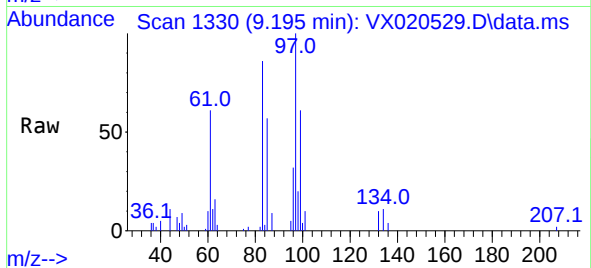
Tgt Ion: 75 Resp: 10337
Ion Ratio Lower Upper
75 100
77 33.4 22.4 41.6





#45
1,1,2-Trichloroethane
Concen: 2.39 ug/L
RT: 9.195 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

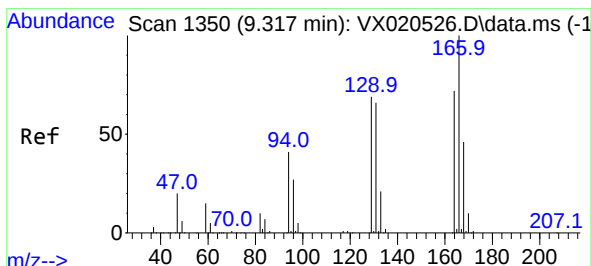
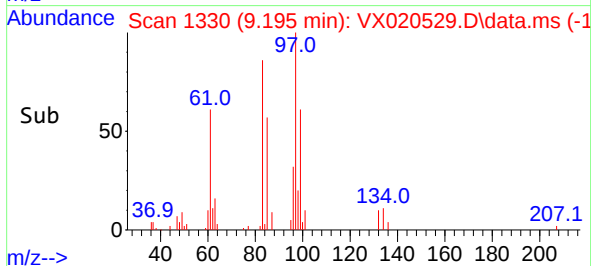
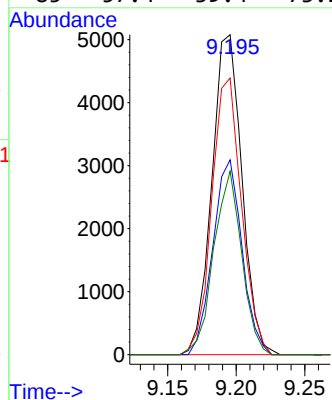
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2021-01



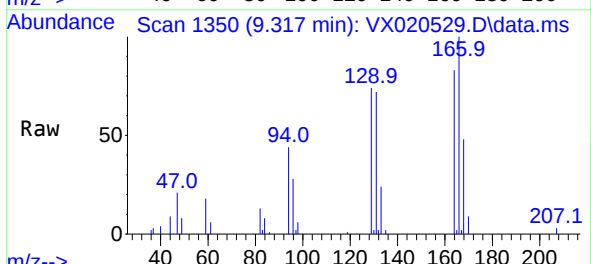
Tgt Ion: 97	Resp: 7749
Ion Ratio	Lower Upper
97 100	
99 60.9	44.0 81.6
83 86.4	60.8 113.0
85 57.4	39.4 73.2

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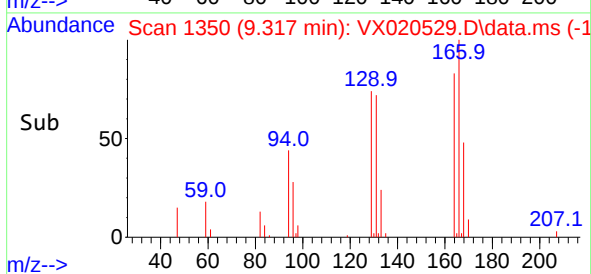
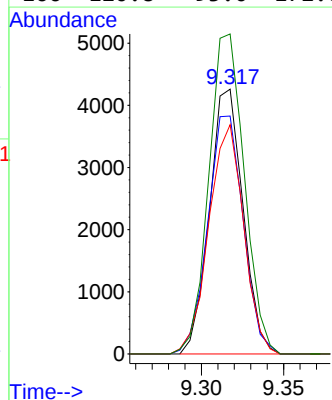
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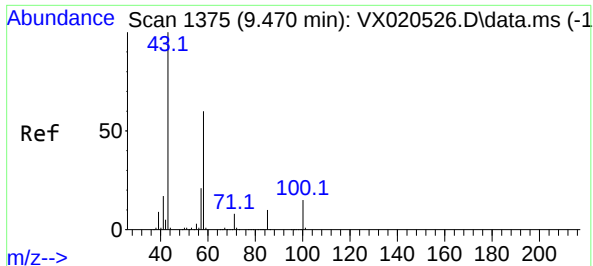


#46
Tetrachloroethene
Concen: 2.37 ug/L
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32



Tgt Ion:164	Resp: 6047
Ion Ratio	Lower Upper
164 100	
129 89.9	65.6 121.8
131 86.6	63.7 118.3
166 120.8	93.0 172.6





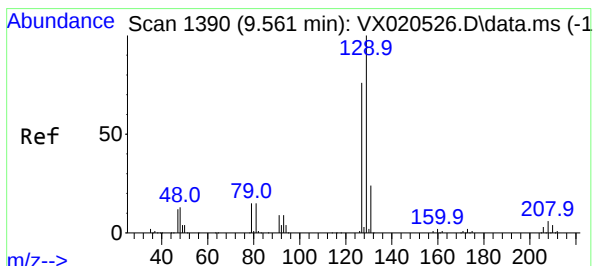
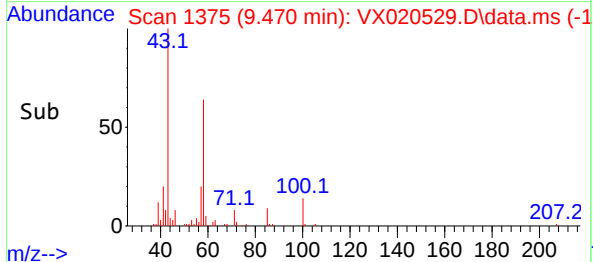
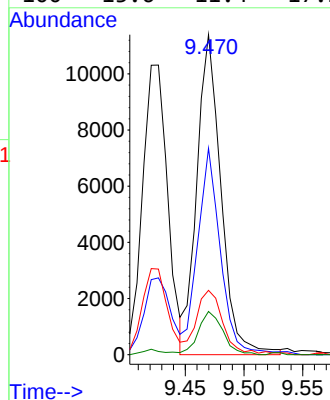
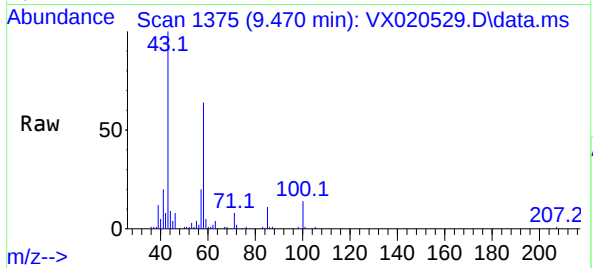
#48
2-Hexanone
Concen: 4.81 ug/L
RT: 9.470 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

Tgt Ion:	43	Resp:	16347
Ion	Ratio	Lower	Upper
43	100		
58	60.4	50.1	75.1
57	22.1	17.3	25.9
100	13.6	11.4	17.2

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

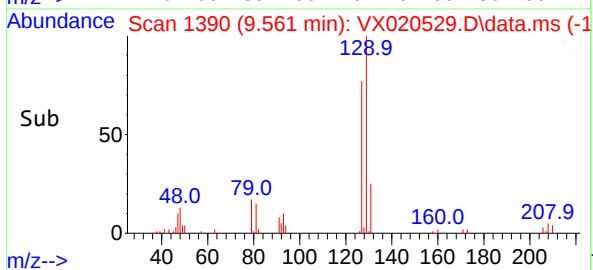
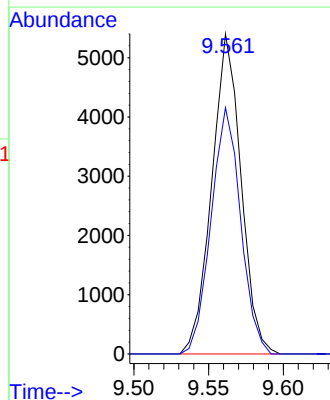
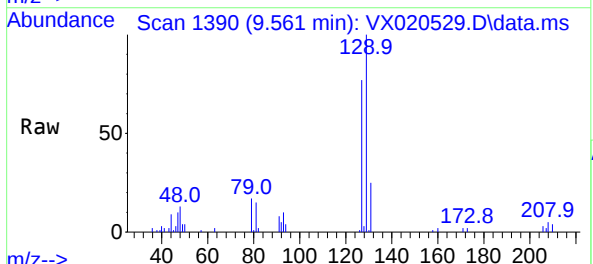
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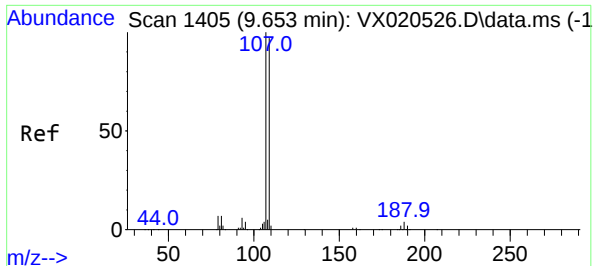
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#49
Dibromochloromethane
Concen: 2.21 ug/L
RT: 9.561 min Scan# 1390
Delta R.T. 0.000 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

Tgt Ion:	129	Resp:	7349
Ion	Ratio	Lower	Upper
129	100		
127	77.0	52.5	97.5





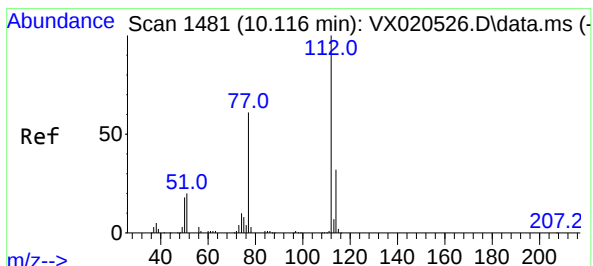
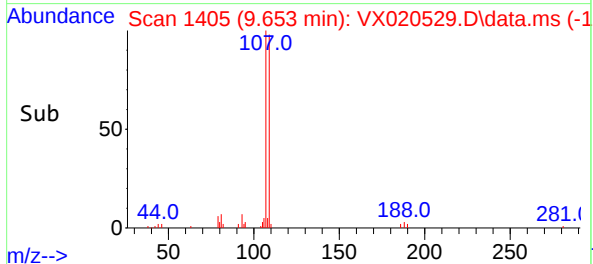
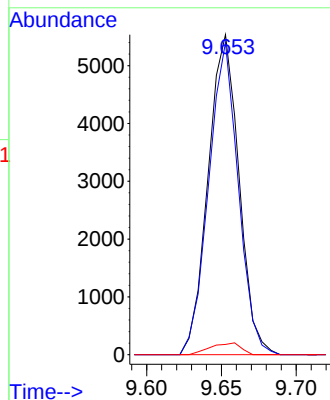
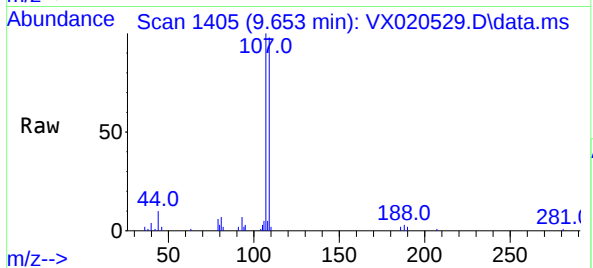
#50
1,2-Dibromoethane
Concen: 2.36 ug/L
RT: 9.653 min Scan# 1405
Delta R.T. 0.000 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

Tgt Ion:	107	Resp:	7943
Ion	Ratio	Lower	Upper
107	100		
109	97.6	66.4	123.4
188	3.2	3.2	4.8

Instrument :
MSVOA_X
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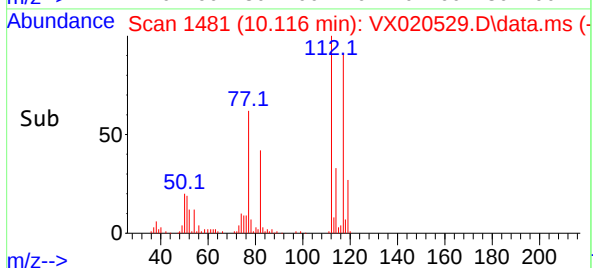
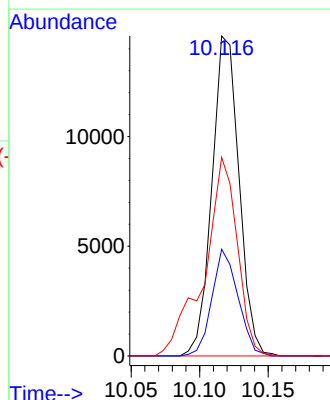
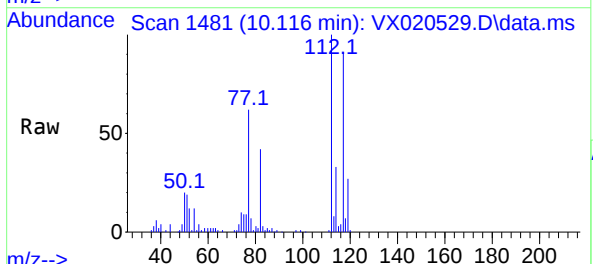
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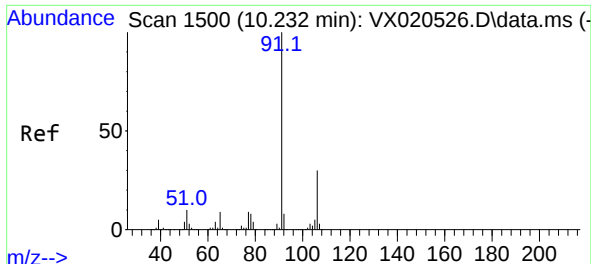
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#51
Chlorobenzene
Concen: 2.34 ug/L
RT: 10.116 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

Tgt Ion:	112	Resp:	20081
Ion	Ratio	Lower	Upper
112	100		
114	33.4	23.2	43.2
77	62.0	48.4	72.6





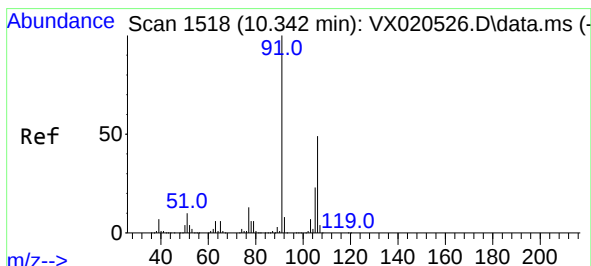
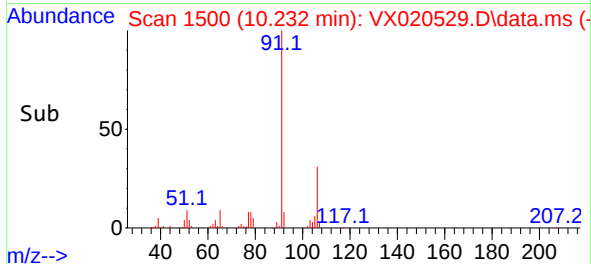
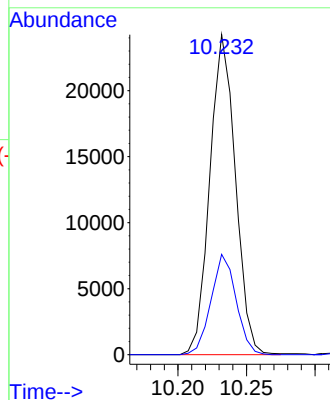
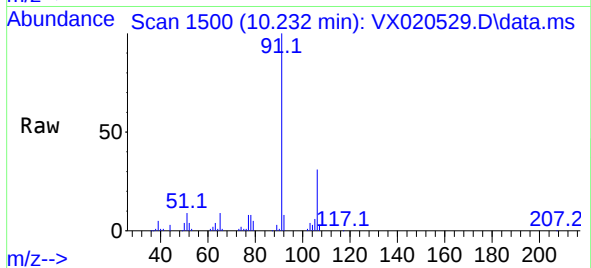
#52
Ethylbenzene
Concen: 2.18 ug/L
RT: 10.232 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

Tgt Ion: 91 Resp: 31494
Ion Ratio Lower Upper
91 100
106 31.4 21.0 39.0

Instrument :
MSVOA_X
ClientSampleId :
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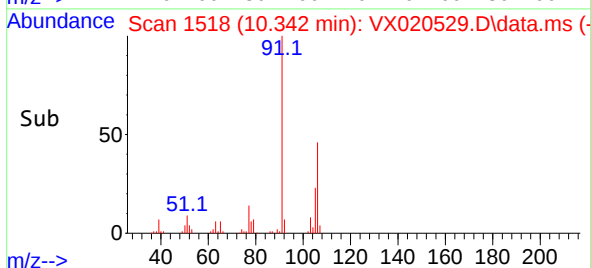
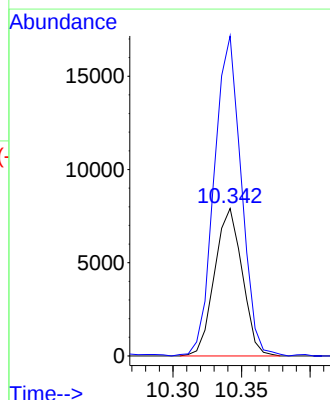
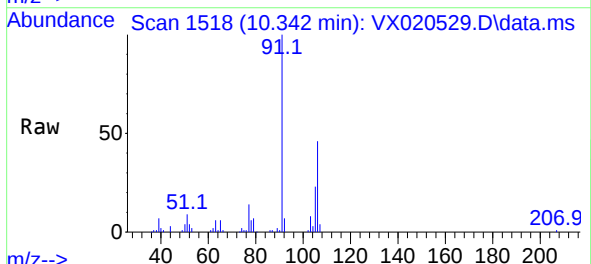
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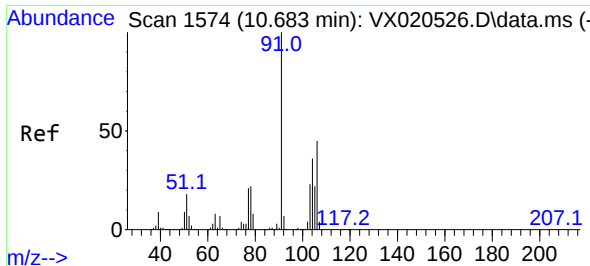
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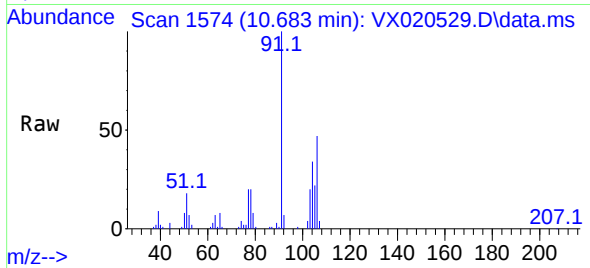
#53
m,p-Xylene
Concen: 2.06 ug/L
RT: 10.342 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

Tgt Ion: 106 Resp: 11117
Ion Ratio Lower Upper
106 100
91 216.9 142.5 264.6

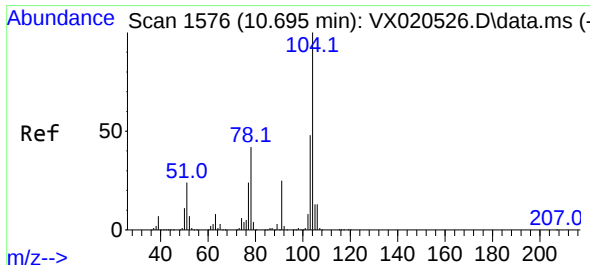
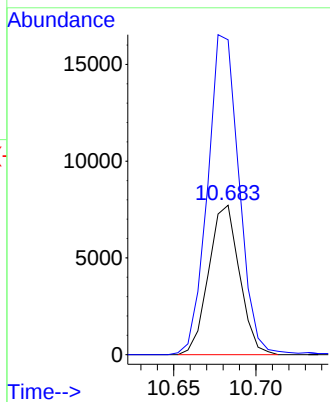
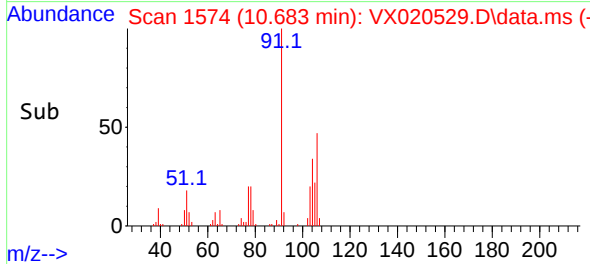




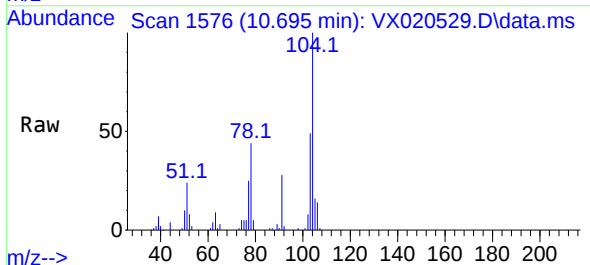
#54
o-Xylene
Concen: 1.92 ug/L
RT: 10.683 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32



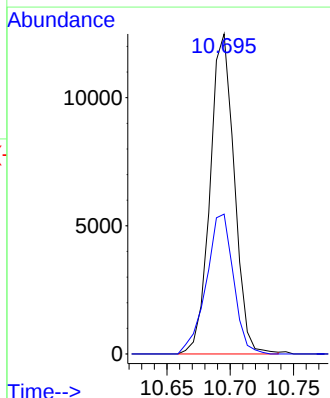
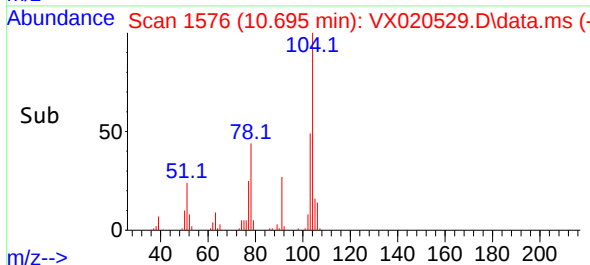
Tgt Ion:106 Resp: 10068
Ion Ratio Lower Upper
106 100
91 210.6 156.2 290.0



#55
Styrene
Concen: 1.87 ug/L
RT: 10.695 min Scan# 1576
Delta R.T. 0.000 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32



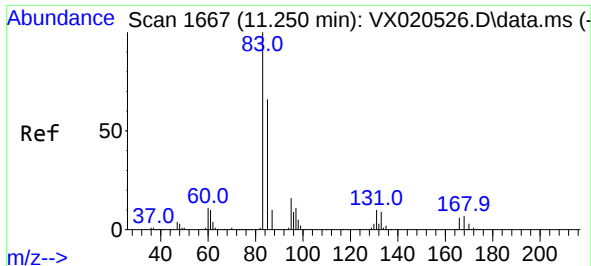
Tgt Ion:104 Resp: 16625
Ion Ratio Lower Upper
104 100
78 43.7 30.0 55.6



Instrument :
MSVOA_X
ClientSampleId :
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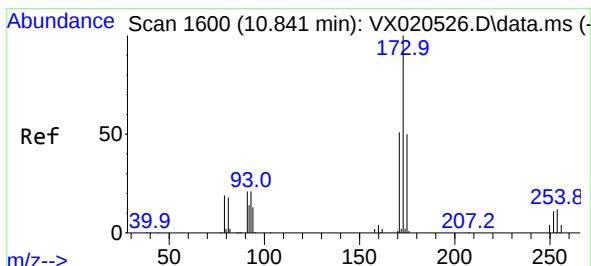
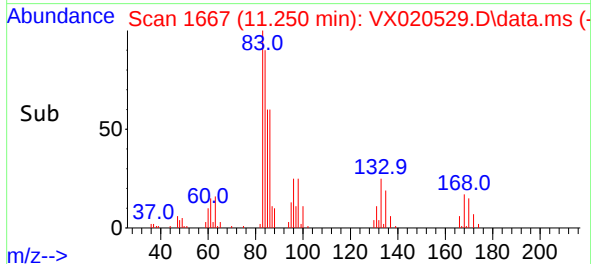
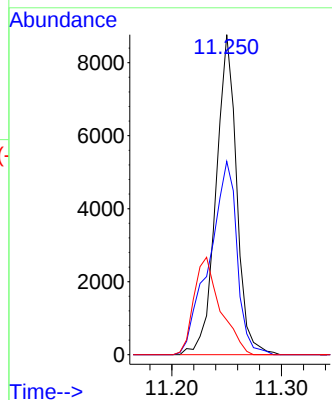
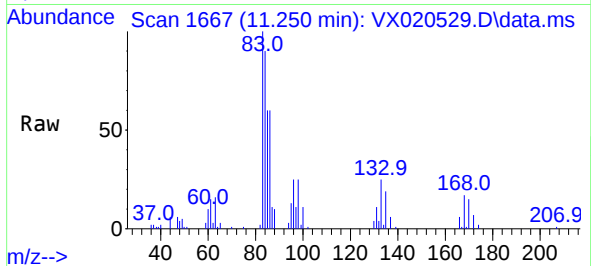
#57
1,1,2,2-Tetrachloroethane
Concen: 2.23 ug/L
RT: 11.250 min Scan# 1667
Delta R.T. 0.000 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

Tgt Ion:	83	Resp:	11485
Ion	Ratio	Lower	Upper
83	100		
85	60.4	44.7	82.9
131	10.8	7.8	11.8

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

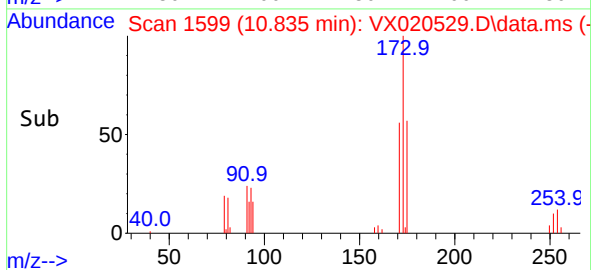
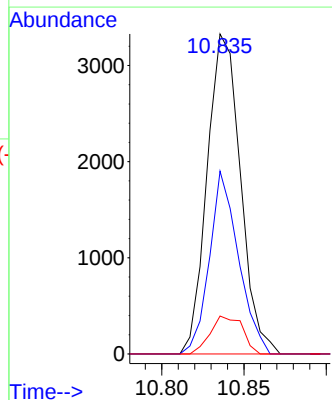
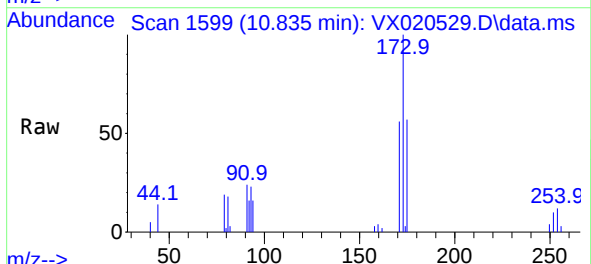
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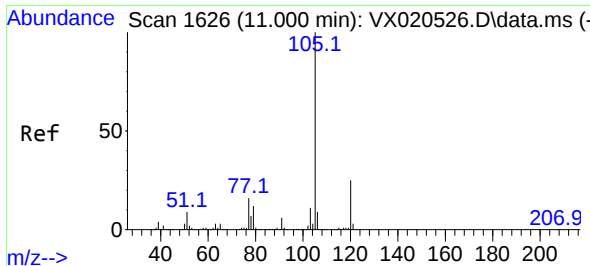
MMDadoda
1/8/2021 10:10:48 AM



#59
Bromoform
Concen: 2.12 ug/L
RT: 10.835 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

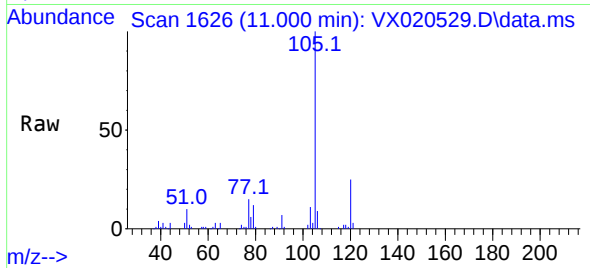
Tgt Ion:	173	Resp:	4692
Ion	Ratio	Lower	Upper
173	100		
175	49.8	39.4	59.2
254	11.4	8.6	13.0





#60
Isopropylbenzene
Concen: 2.01 ug/L
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

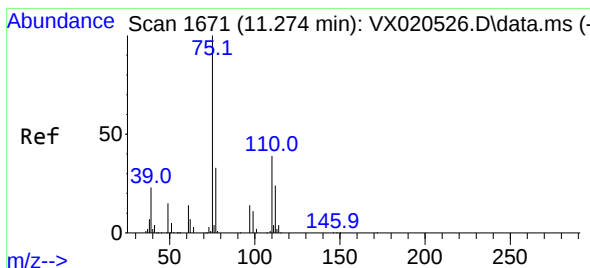
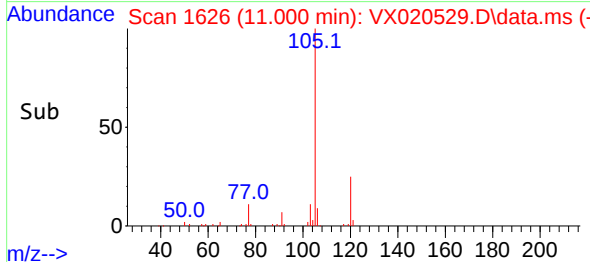
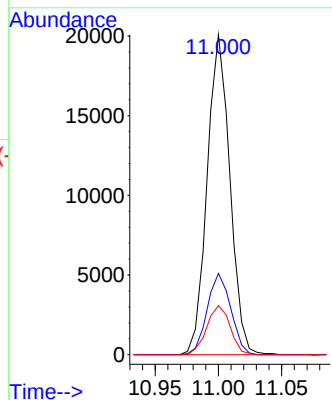
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2021-01



Tgt Ion:	105	Resp:	25109
Ion	Ratio	Lower	Upper
105	100		
120	26.3	21.2	31.8
77	15.8	12.6	18.8

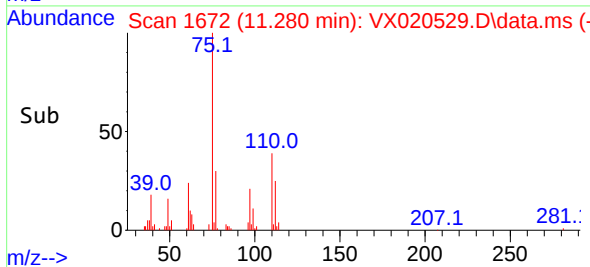
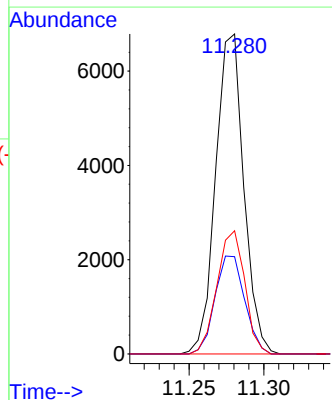
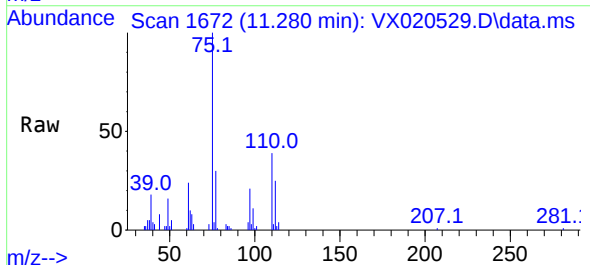
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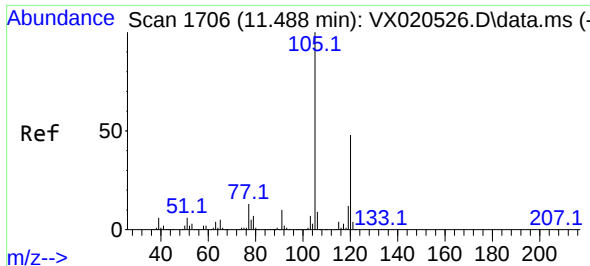
MMDadoda
1/8/2021 10:10:48 AM



#61
1,2,3-Trichloropropane
Concen: 2.31 ug/L
RT: 11.280 min Scan# 1672
Delta R.T. 0.006 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

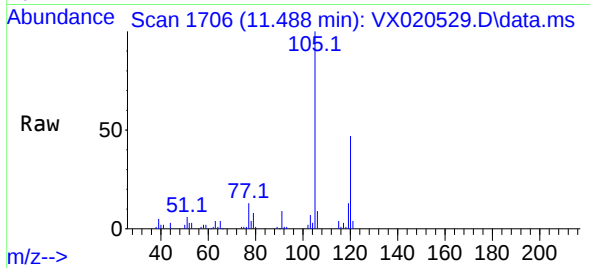
Tgt Ion:	75	Resp:	8904
Ion	Ratio	Lower	Upper
75	100		
77	32.3	26.2	39.2
110	37.9	31.8	47.8





#62
1,3,5-Trimethylbenzene
Concen: 1.91 ug/L
RT: 11.488 min Scan# 1706
Delta R.T. 0.000 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

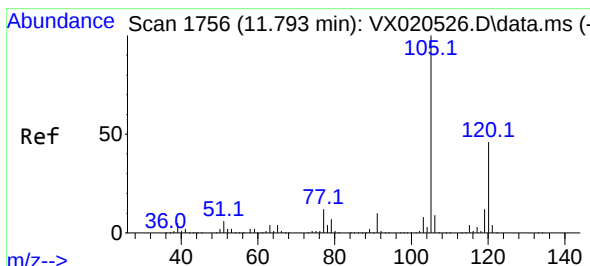
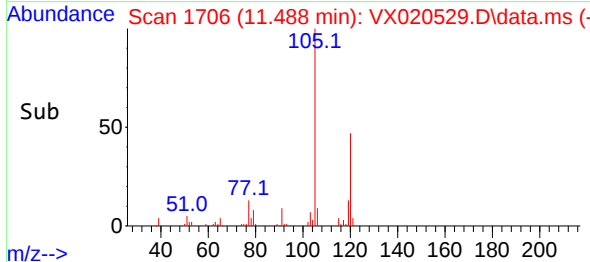
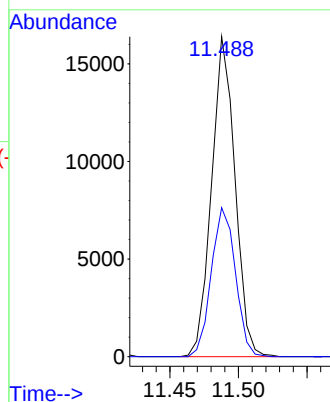
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2021-01



Tgt Ion:105 Resp: 19466
Ion Ratio Lower Upper
105 100
120 48.0 38.0 57.0

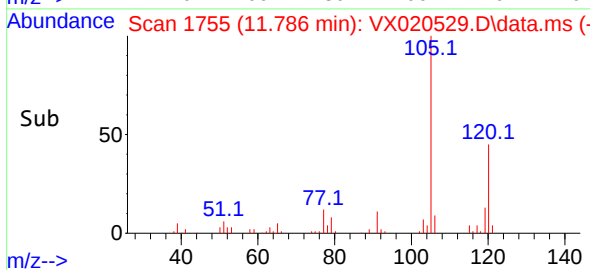
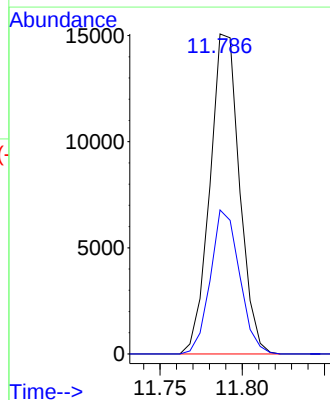
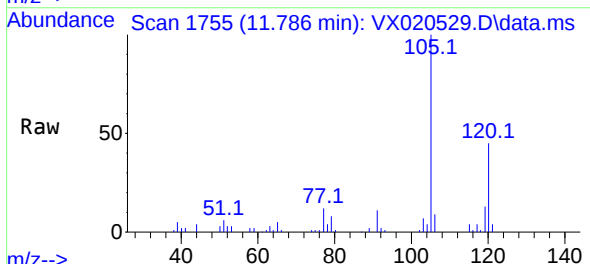
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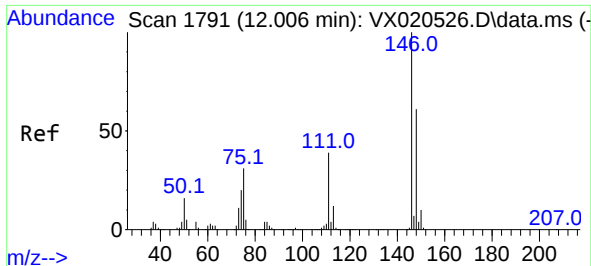
MMDadoda
1/8/2021 10:10:48 AM



#63
1,2,4-Trimethylbenzene
Concen: 1.84 ug/L
RT: 11.786 min Scan# 1755
Delta R.T. -0.006 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

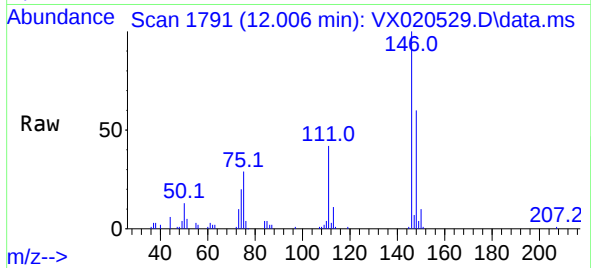
Tgt Ion:105 Resp: 18895
Ion Ratio Lower Upper
105 100
120 44.3 36.4 54.6





#64
1,3-Dichlorobenzene
Concen: 2.23 ug/L
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

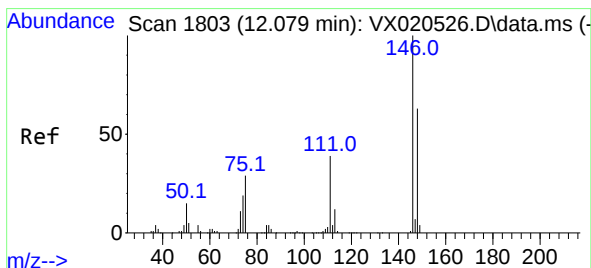
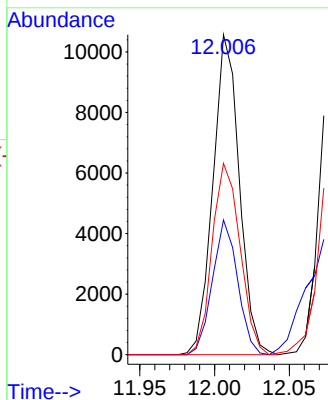
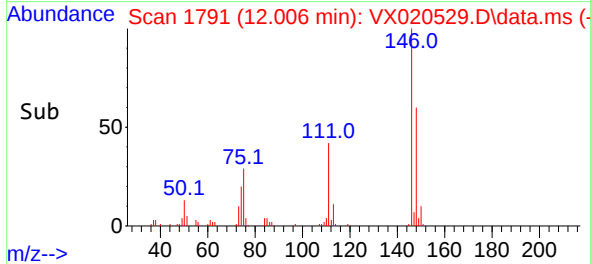
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT1-2021-01



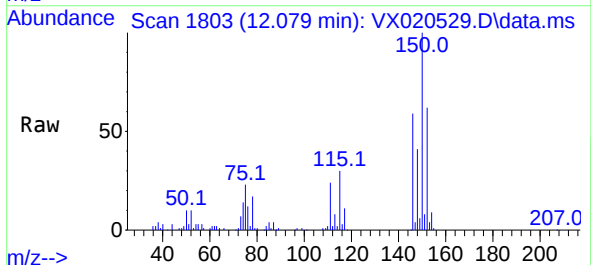
Tgt Ion:146 Resp: 12977
Ion Ratio Lower Upper
146 100
111 42.1 28.9 53.7
148 59.8 47.7 88.7

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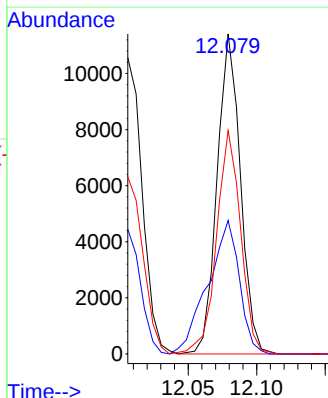
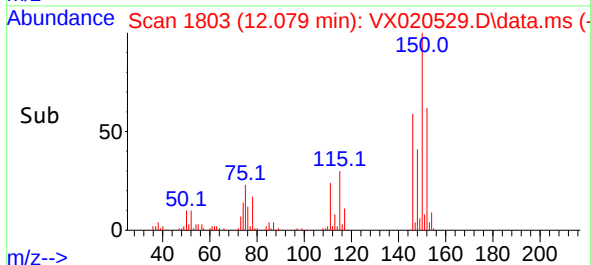
MMDadoda
1/8/2021 10:10:48 AM

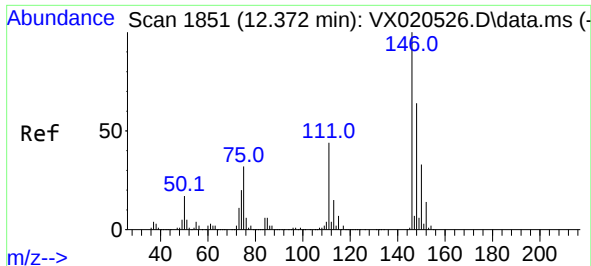


#65
1,4-Dichlorobenzene
Concen: 2.30 ug/L
RT: 12.079 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32



Tgt Ion:146 Resp: 13491
Ion Ratio Lower Upper
146 100
111 41.7 28.7 53.3
148 69.8 45.8 85.2





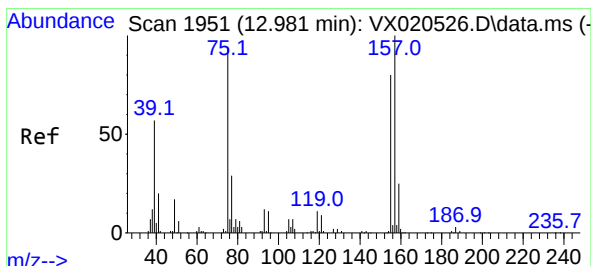
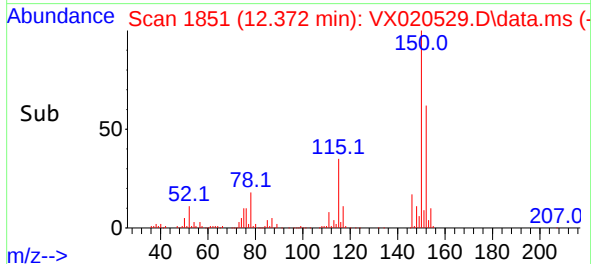
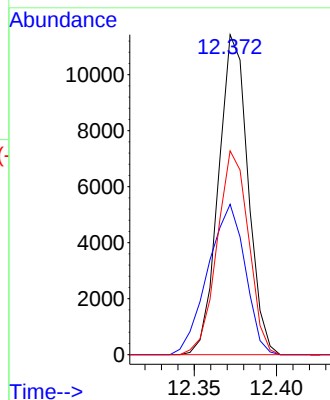
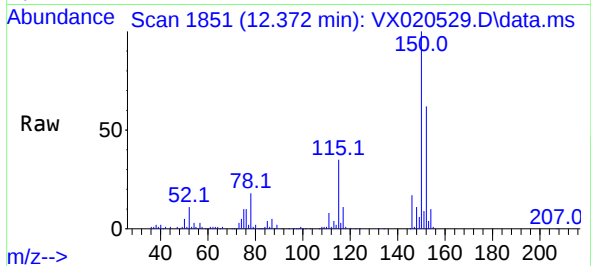
#67
1,2-Dichlorobenzene
Concen: 2.46 ug/L
RT: 12.372 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

Tgt Ion:	146	Resp:	14273
Ion Ratio	Lower	Upper	
146	100		
111	47.0	33.8	50.8
148	63.7	51.4	77.2

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

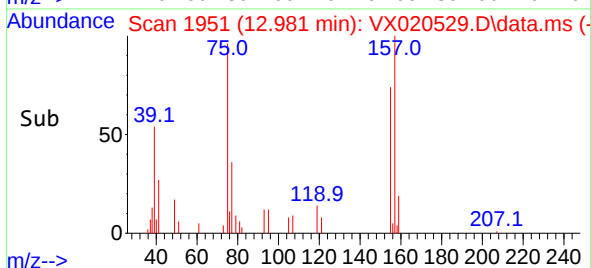
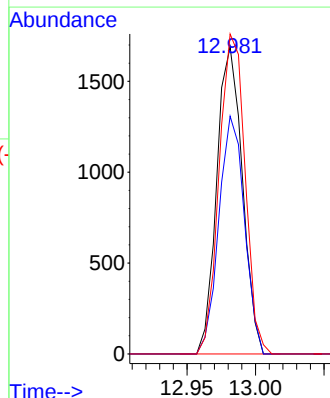
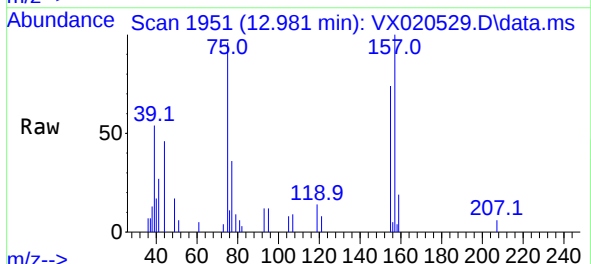
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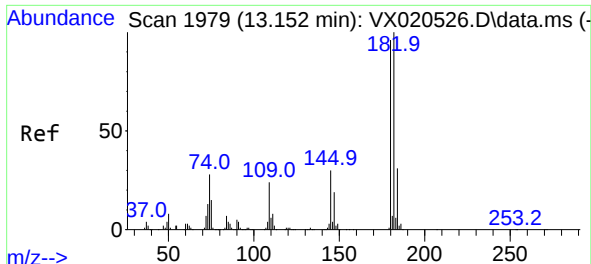
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#68
1,2-Dibromo-3-chloropropane
Concen: 2.24 ug/L
RT: 12.981 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

Tgt Ion:	75	Resp:	2190
Ion Ratio	Lower	Upper	
75	100		
155	77.4	65.3	97.9
157	104.2	80.5	120.7





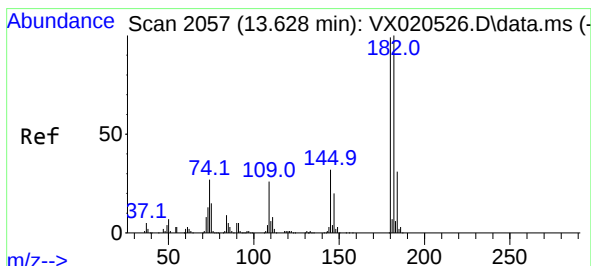
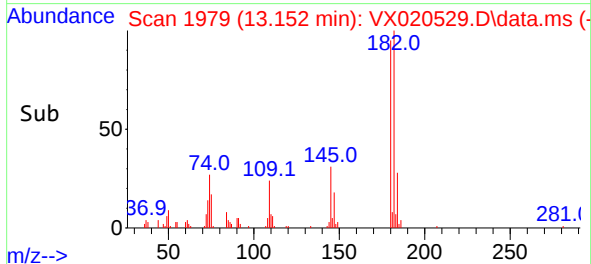
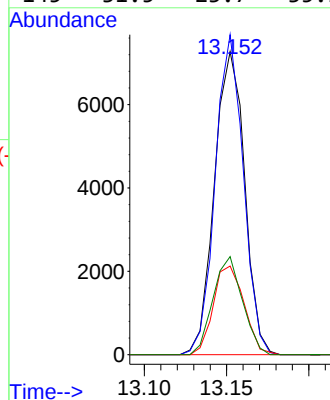
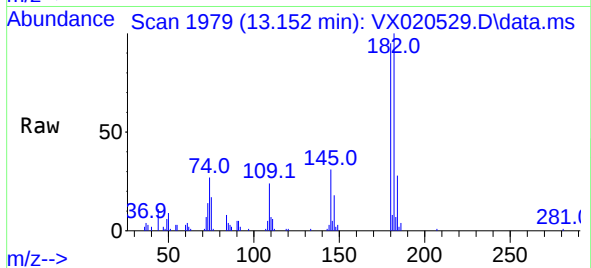
#69
1,3,5-Trichlorobenzene
Concen: 2.33 ug/L
RT: 13.152 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

Tgt Ion:	180	Resp:	9290
Ion Ratio	Lower	Upper	
180	100		
182	98.3	74.8	112.2
184	29.8	24.1	36.1
145	31.5	23.7	35.5

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

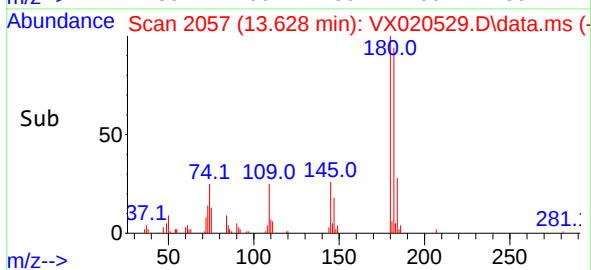
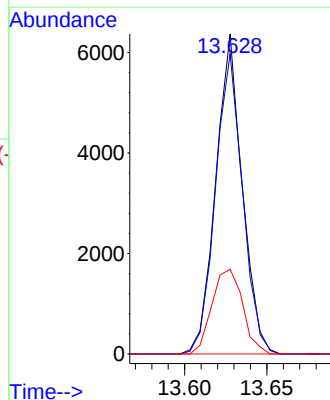
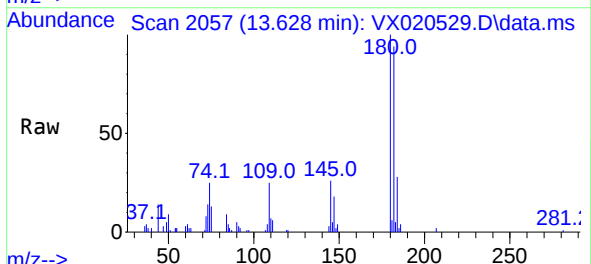
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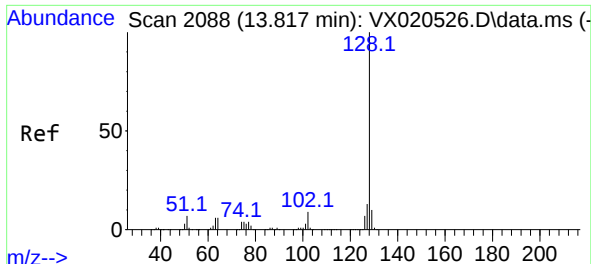
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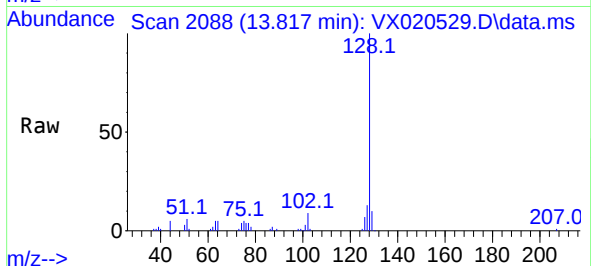
#70
1,2,4-trichlorobenzene
Concen: 2.07 ug/L
RT: 13.628 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32

Tgt Ion:	180	Resp:	7117
Ion Ratio	Lower	Upper	
180	100		
182	96.2	74.3	111.5
145	30.7	24.1	36.1

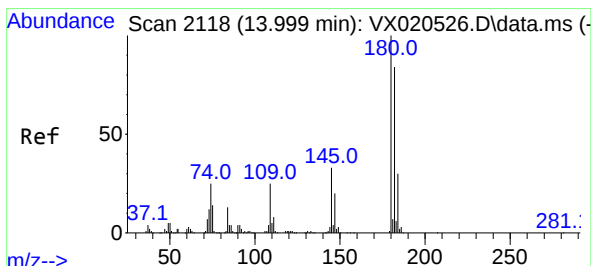
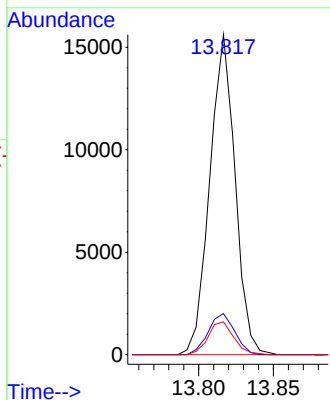
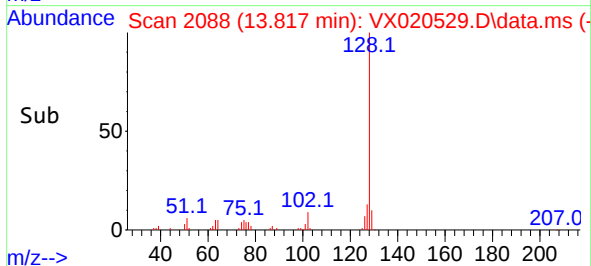




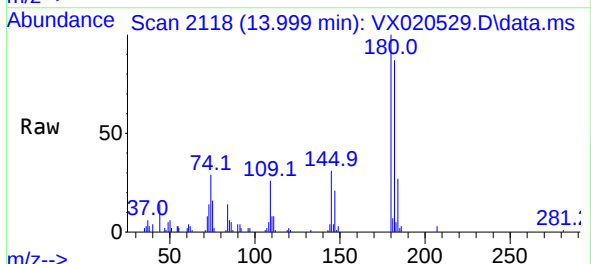
#71
Naphthalene
Concen: 1.62 ug/L
RT: 13.817 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32



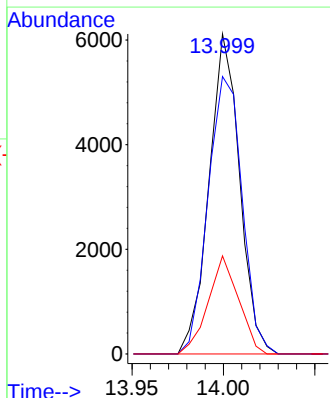
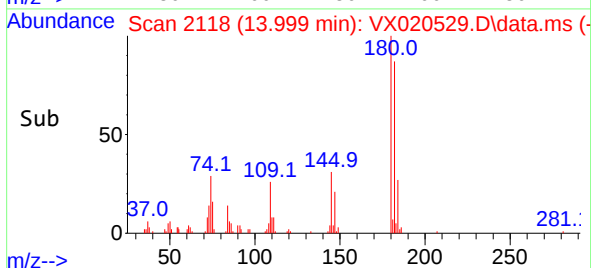
Tgt Ion:128 Resp: 18386
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.2
129 10.5 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 2.02 ug/L
RT: 13.999 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VX020529.D
Acq: 07 Jan 2021 16:32



Tgt Ion:180 Resp: 7138
Ion Ratio Lower Upper
180 100
182 96.1 74.6 112.0
145 30.5 25.6 38.4



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

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