

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022621\
 Data File : VW020403.D
 Acq On : 24 Feb 2021 19:28
 Operator : SY/MD
 Sample : M1344-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2021-03

Manual Integrations
 APPROVED

MMDadoda
 3/1/2021 9:59:54 AM

Quant Time: Feb 25 00:38:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 24 17:44:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	574087	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	552983	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	282592	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	136719	48.13	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 96.26%			
7) Chloroethane-d5	1.571	69	128227	50.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.02%			
11) 1,1-Dichloroethene-d2	2.111	63	209159	35.68	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.36%			
21) 2-Butanone-d5	3.892	46	225485	105.43	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.43%			
24) Chloroform-d	4.352	84	314739	48.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.92%			
26) 1,2-Dichloroethane-d4	5.037	65	212381	51.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.50%			
32) Benzene-d6	5.053	84	628088	52.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.28%			
36) 1,2-Dichloropropane-d6	6.072	67	199240	52.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.66%			
41) Toluene-d8	7.320	98	578768	50.39	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.78%			
43) trans-1,3-Dichloroprop...	7.625	79	89876	49.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.82%			
47) 2-Hexanone-d5	8.092	63	147277	98.52	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.52%			
56) 1,1,2,2-Tetrachloroeth...	10.223	84	262575	49.10	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.20%			
66) 1,2-Dichlorobenzene-d4	11.632	152	264338	53.54	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.08%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	7970	1.70	ug/L	99
3) Chloromethane	1.243	50	7766	1.93	ug/L	98
5) Vinyl chloride	1.314	62	8272	1.90	ug/L #	76
6) Bromomethane	1.523	94	5742	2.01	ug/L	90
8) Chloroethane	1.587	64	5134	1.93	ug/L	99
9) Trichlorofluoromethane	1.754	101	11246	1.73	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	7987	2.24	ug/L #	78
12) 1,1-Dichloroethene	2.121	96	7387	2.22	ug/L #	1
13) Acetone	2.182	43	6105	3.88	ug/L	67
14) Carbon disulfide	2.298	76	15899	1.83	ug/L	97
15) Methyl Acetate	2.442	43	6048	1.84	ug/L #	89
16) Methylene chloride	2.510	84	8369	2.21	ug/L	99
17) trans-1,2-Dichloroethene	2.767	96	6298	1.81	ug/L	90
18) Methyl tert-butyl Ether	2.770	73	18225	1.74	ug/L	98
19) 1,1-Dichloroethane	3.195	63	11281	1.78	ug/L	95
20) cis-1,2-Dichloroethene	3.918	96	6821	1.77	ug/L	93
22) 2-Butanone	4.002	43	8665m	3.88	ug/L	
23) Bromochloromethane	4.259	128	3617m	1.74	ug/L	
25) Chloroform	4.381	83	21592	3.11	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.143	62	9254	1.80	ug/L	95
29) Cyclohexane	4.680	56	8339	1.70	ug/L #	70
30) 1,1,1-Trichloroethane	4.619	97	9811m	1.69	ug/L	
31) Carbon tetrachloride	4.831	117	8748	1.73	ug/L	97
33) Benzene	5.105	78	24952	1.80	ug/L	100
34) Trichloroethene	5.924	95	8471	2.10	ug/L	98
35) Methylcyclohexane	6.137	83	8459	1.56	ug/L	95
37) 1,2-Dichloropropane	6.185	63	5889	1.67	ug/L	97
38) Bromodichloromethane	6.519	83	8216	1.70	ug/L	99
39) cis-1,3-Dichloropropene	7.037	75	8795	1.64	ug/L #	83
40) 4-Methyl-2-pentanone	7.236	43	14269	3.27	ug/L	96
42) Toluene	7.397	91	26581	1.75	ug/L	96
44) trans-1,3-Dichloropropene	7.664	75	9325	1.78	ug/L	93
45) 1,1,2-Trichloroethane	7.847	97	6319	1.71	ug/L	90
46) Tetrachloroethene	7.982	164	5734	1.77	ug/L	91
48) 2-Hexanone	8.149	43	24656	7.30	ug/L #	95
49) Dibromochloromethane	8.252	129	6579	1.64	ug/L	98
50) 1,2-Dibromoethane	8.365	107	7129	1.81	ug/L	85
51) Chlorobenzene	8.889	112	19459	1.84	ug/L	94
52) Ethylbenzene	9.021	91	27074	1.61	ug/L	99
53) m,p-Xylene	9.146	106	10531	1.64	ug/L	96
54) o-Xylene	9.551	106	10101	1.60	ug/L	94
55) Styrene	9.571	104	15064	1.39	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.246	83	10165	1.86	ug/L #	96
59) Bromoform	9.738	173	4082	1.54	ug/L #	98
60) Isopropylbenzene	9.937	105	24842	1.60	ug/L	98
61) 1,2,3-Trichloropropane	10.281	75	8751	1.97	ug/L	98
62) 1,3,5-Trimethylbenzene	10.548	105	18987	1.50	ug/L	99
63) 1,2,4-Trimethylbenzene	10.921	105	18919	1.45	ug/L	100
64) 1,3-Dichlorobenzene	11.191	146	14588	1.79	ug/L	94
65) 1,4-Dichlorobenzene	11.281	146	16026	1.89	ug/L	99
67) 1,2-Dichlorobenzene	11.651	146	15959	1.96	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.439	75	1527	1.48	ug/L #	85
69) 1,3,5-Trichlorobenzene	12.654	180	11558	1.82	ug/L	98
70) 1,2,4-trichlorobenzene	13.271	180	8738	1.58	ug/L	99
71) Naphthalene	13.516	128	19054	1.25	ug/L	98
72) 1,2,3-Trichlorobenzene	13.754	180	8859	1.60	ug/L	99

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

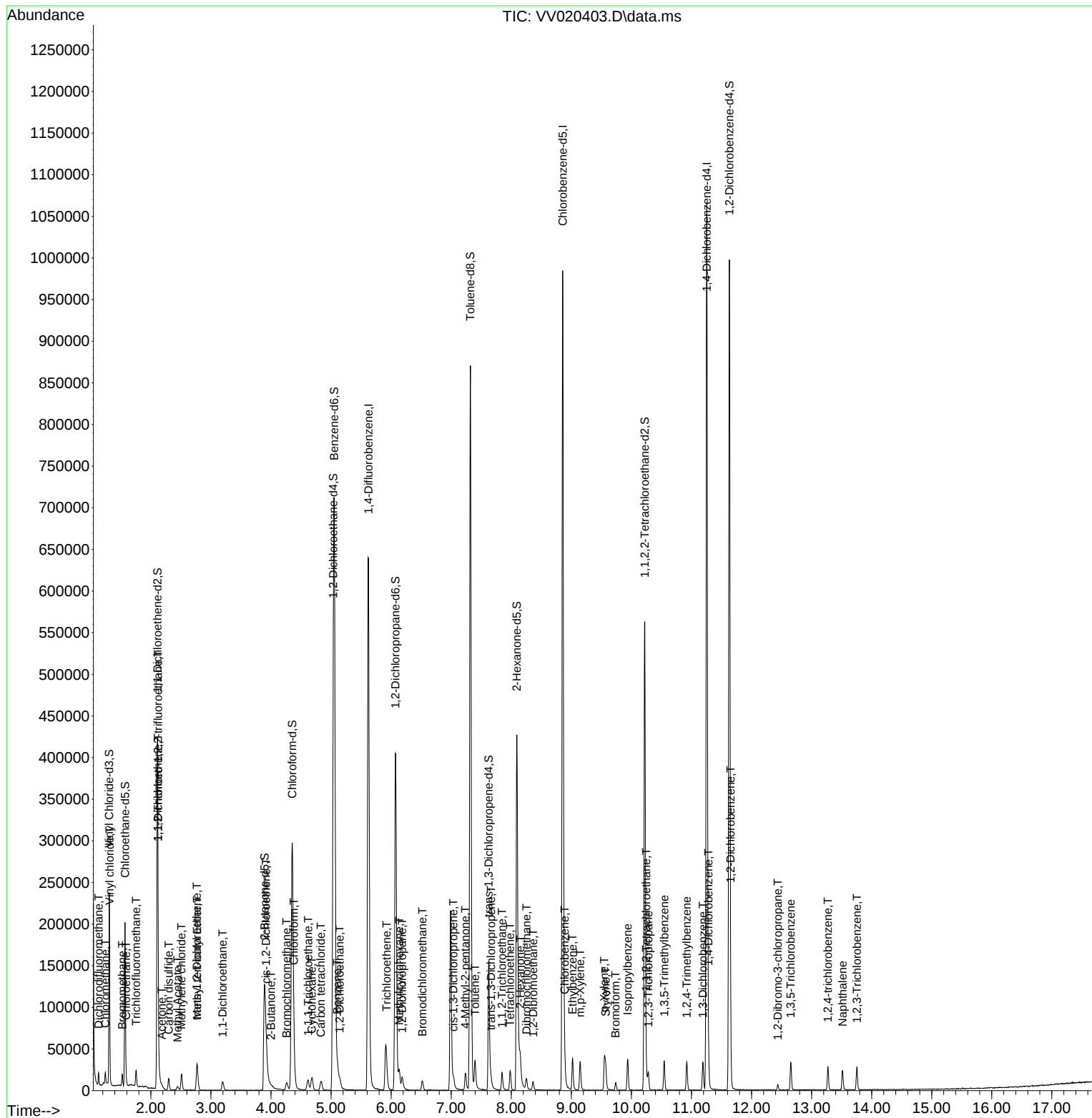
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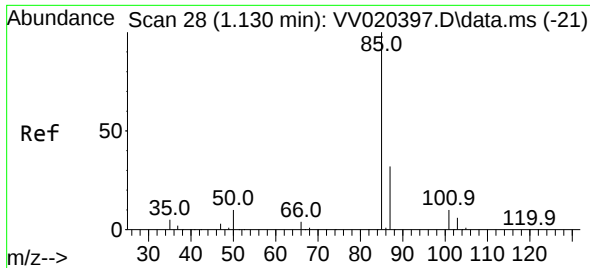
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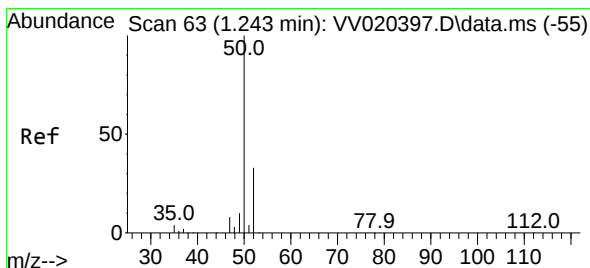
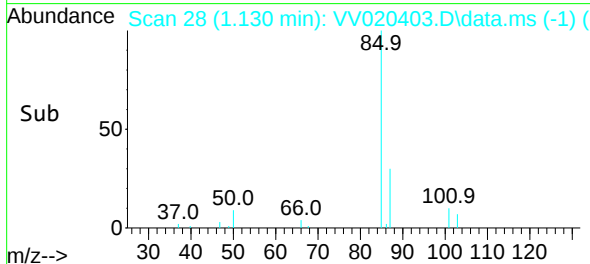
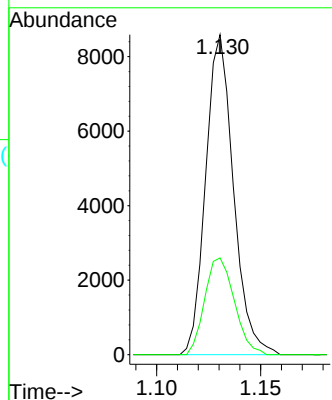
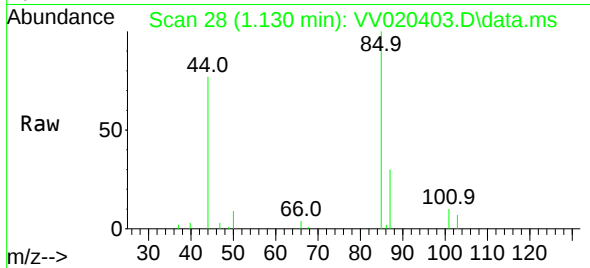
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 Dichlorodifluoromethane
 Concen: 1.70 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV020403.D
 Acq: 24 Feb 2021 19:28

Tgt Ion: 85 Resp: 7970
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.2 39.2

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2021-03

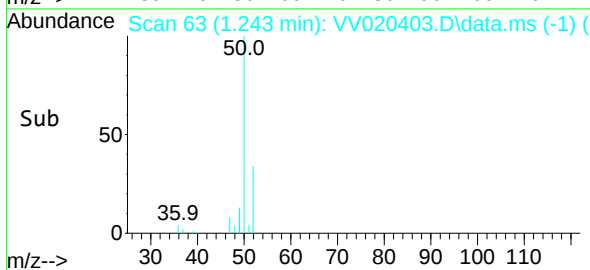
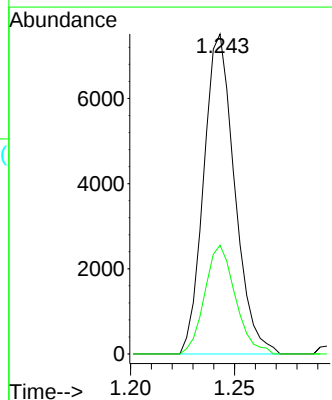
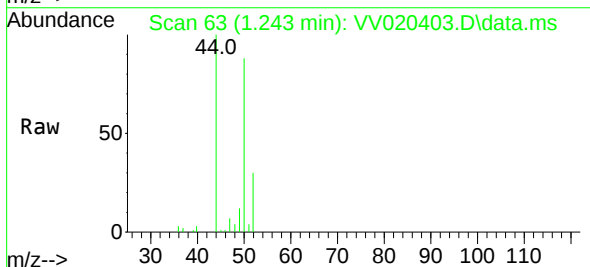
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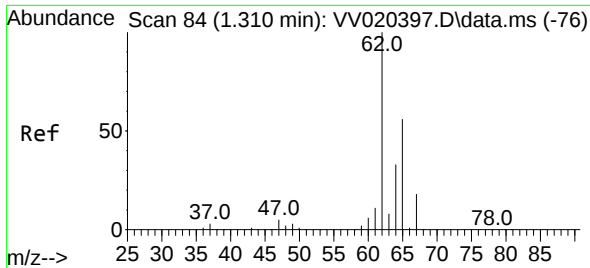
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#3
 Chloromethane
 Concen: 1.93 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV020403.D
 Acq: 24 Feb 2021 19:28

Tgt Ion: 50 Resp: 7766
 Ion Ratio Lower Upper
 50 100
 52 34.0 22.9 42.5





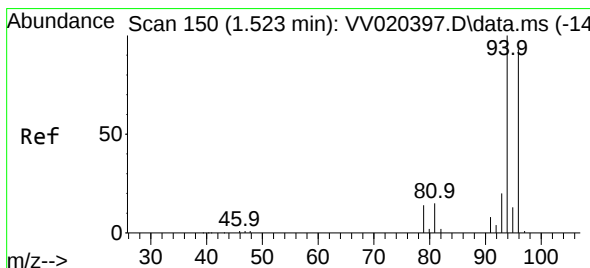
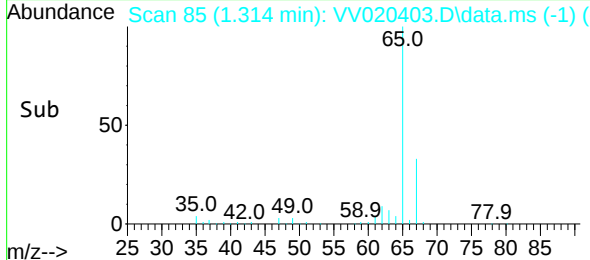
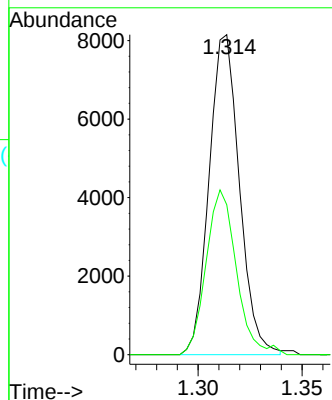
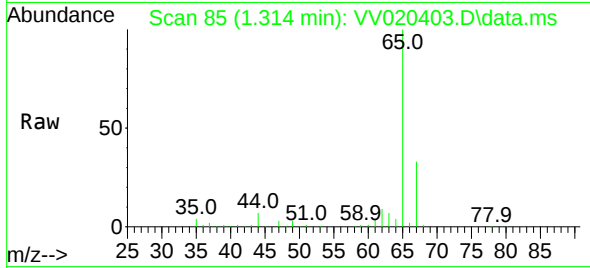
#5
 Vinyl chloride
 Concen: 1.90 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.003 min
 Lab File: VV020403.D
 Acq: 24 Feb 2021 19:28

Tgt Ion: 62 Resp: 8272
 Ion Ratio Lower Upper
 62 100
 64 46.8 23.1 42.9#

Instrument :
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 ClientSampleId :
 MDL-WATER-QT2-2021-03

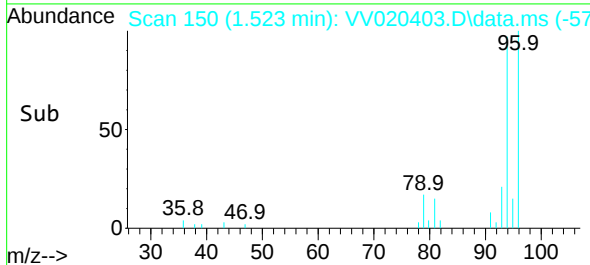
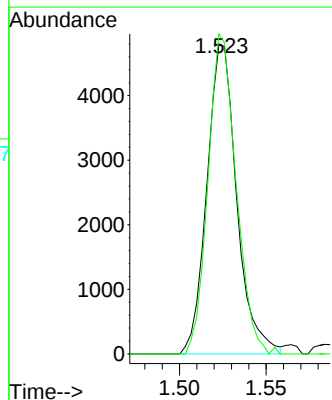
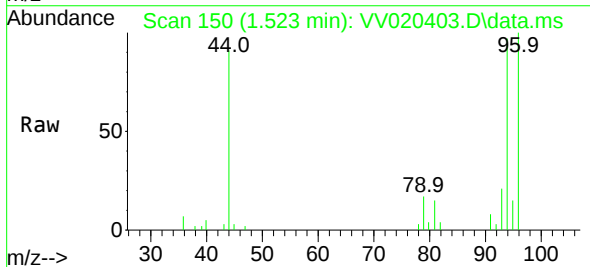
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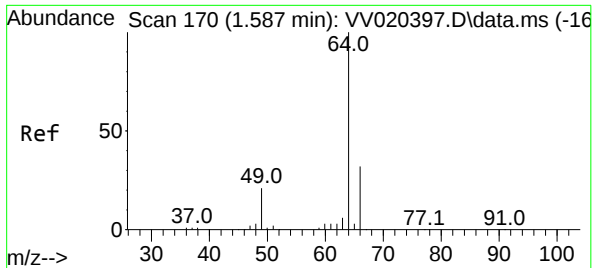
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#6
 Bromomethane
 Concen: 2.01 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV020403.D
 Acq: 24 Feb 2021 19:28

Tgt Ion: 94 Resp: 5742
 Ion Ratio Lower Upper
 94 100
 96 103.5 65.9 122.5





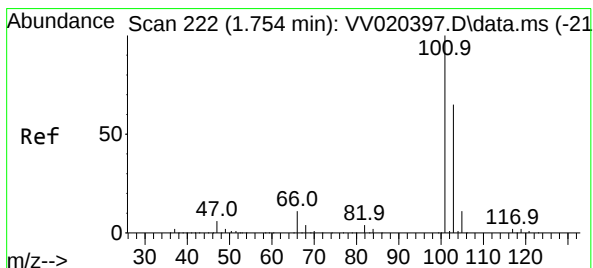
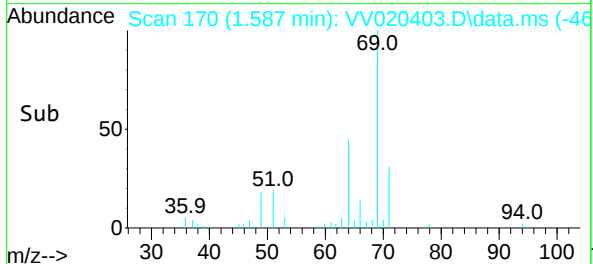
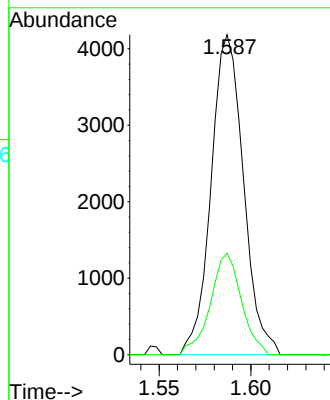
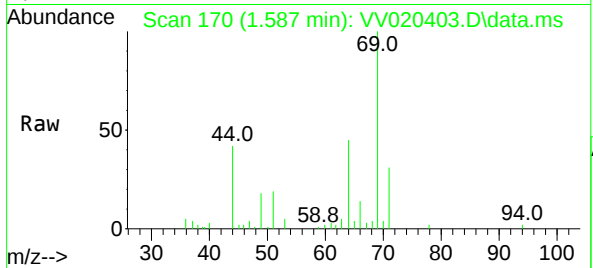
#8
Chloroethane
Concen: 1.93 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion: 64 Resp: 5134
Ion Ratio Lower Upper
64 100
66 31.7 21.8 40.4

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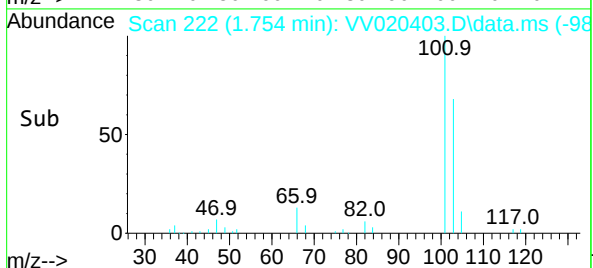
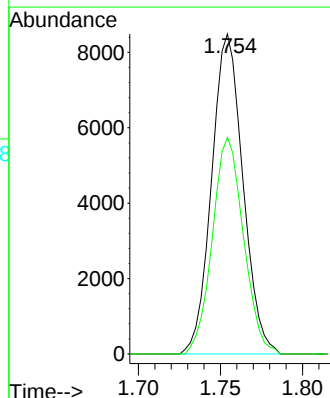
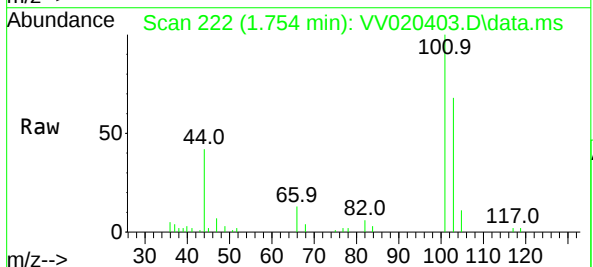
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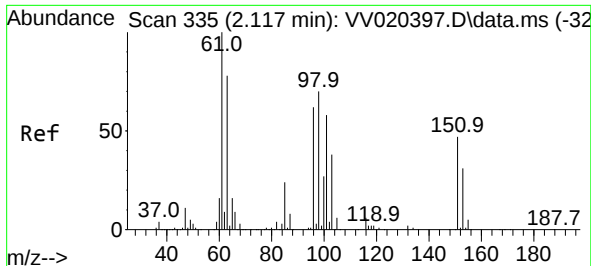
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#9
Trichlorofluoromethane
Concen: 1.73 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion:101 Resp: 11246
Ion Ratio Lower Upper
101 100
103 67.2 51.8 77.6





#10

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

Concen: 2.24 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.003 min

Lab File: VV020403.D

Acq: 24 Feb 2021 19:28

Tgt Ion:	101	Resp:	7987
Ion	Ratio	Lower	Upper
101	100		
85	31.1	32.4	48.6#
151	65.4	71.0	106.6#

Instrument :

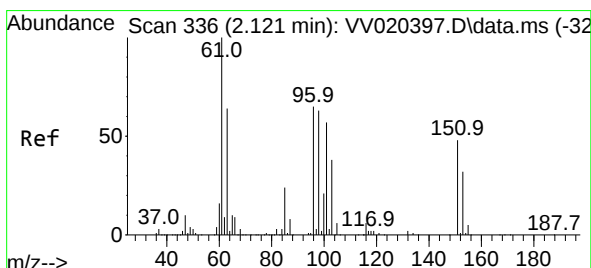
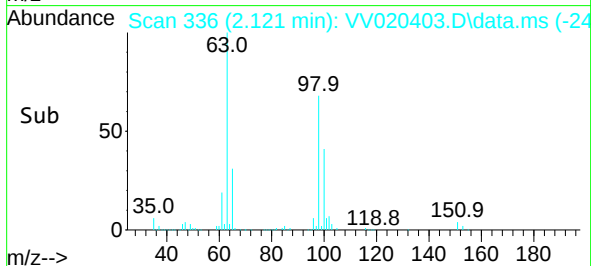
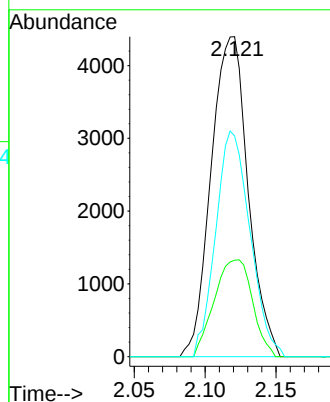
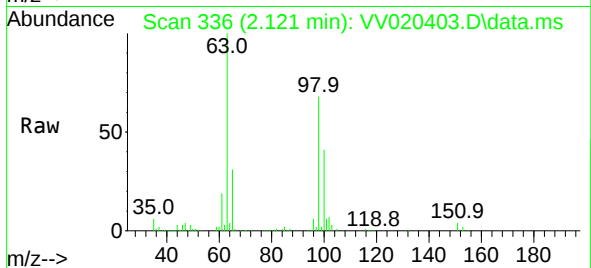
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#12

1,1-Dichloroethene

Concen: 2.22 ug/L

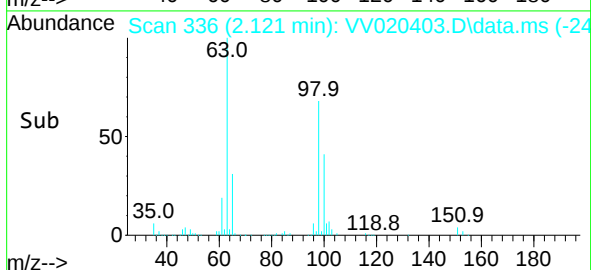
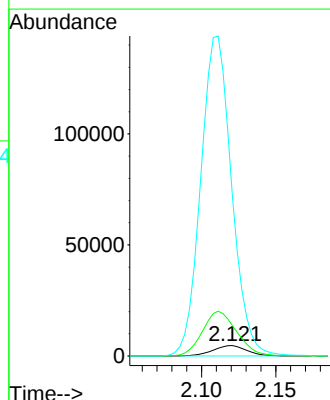
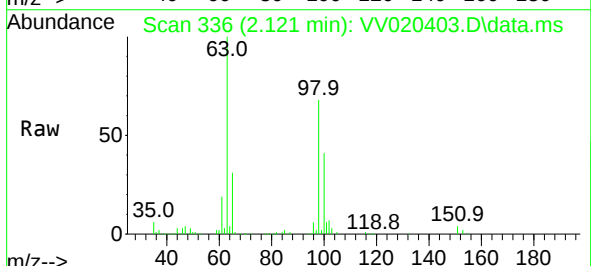
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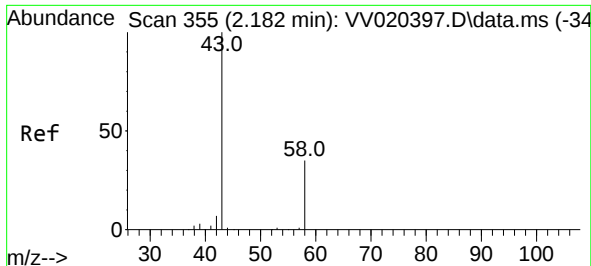
Delta R.T. 0.000 min

Lab File: VV020403.D

Acq: 24 Feb 2021 19:28

Tgt Ion:	96	Resp:	7387
Ion	Ratio	Lower	Upper
96	100		
61	292.9	110.9	206.1#
63	1546.3	82.1	152.5#





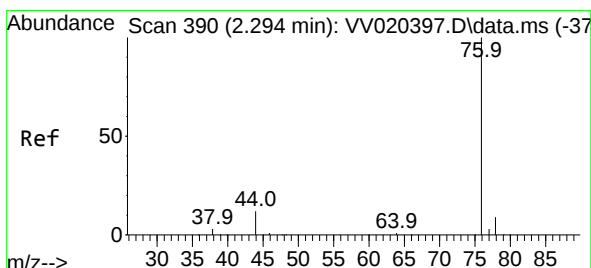
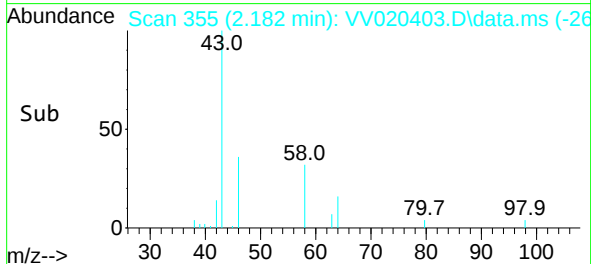
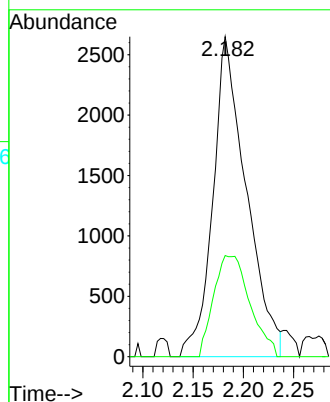
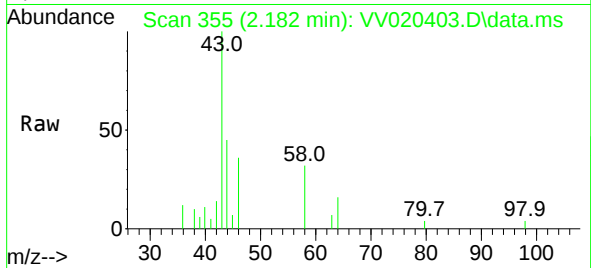
#13
Acetone
Concen: 3.88 ug/L
RT: 2.182 min Scan# 355
Delta R.T. 0.000 min
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Tgt Ion: 43 Resp: 6105
Ion Ratio Lower Upper
43 100
58 15.2 0.0 68.0

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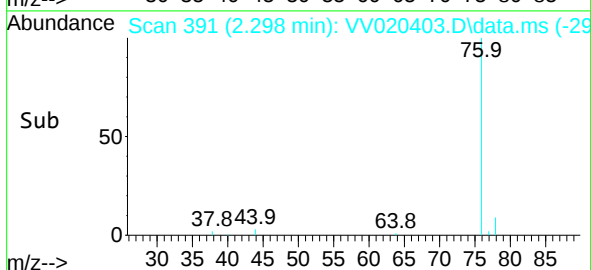
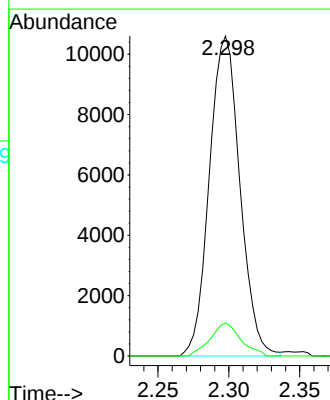
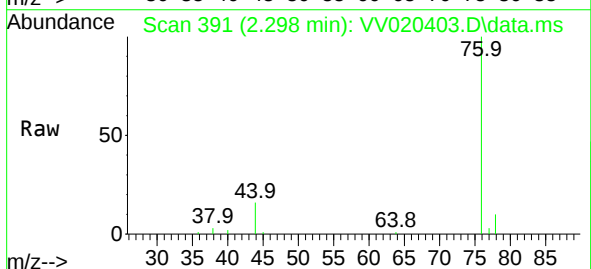
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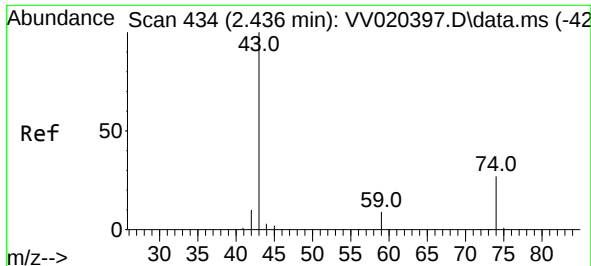
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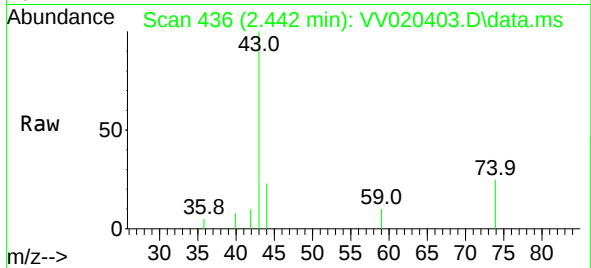
#14
Carbon disulfide
Concen: 1.83 ug/L
RT: 2.298 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion: 76 Resp: 15899
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.2

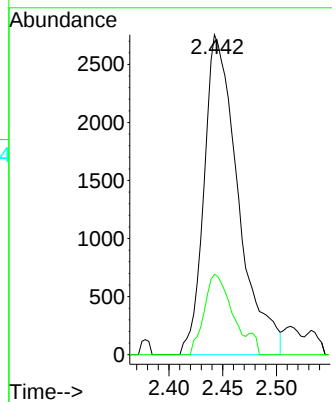
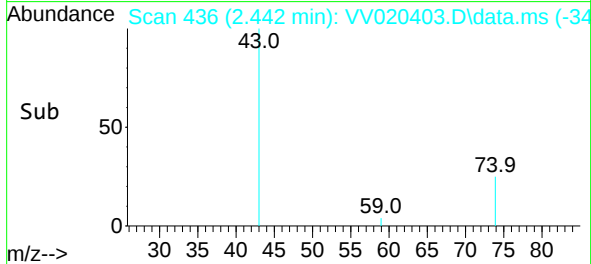




#15
Methyl Acetate
Concen: 1.84 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.007 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28



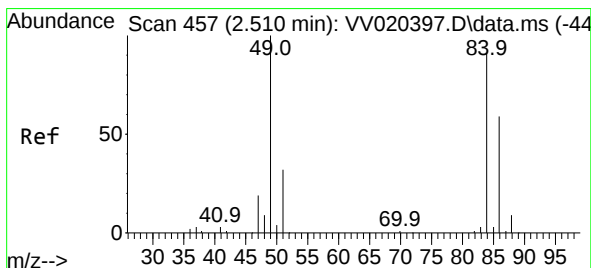
Tgt Ion: 43 Resp: 6048
Ion Ratio Lower Upper
43 100
74 20.0 20.6 30.8#



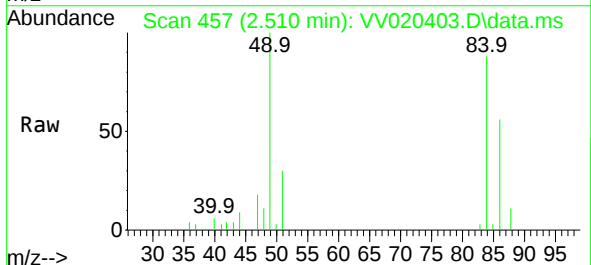
Instrument :
MSVOA_V
ClientSampleId :
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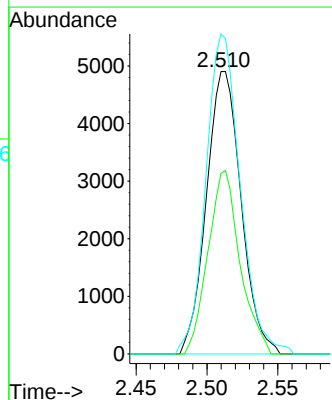
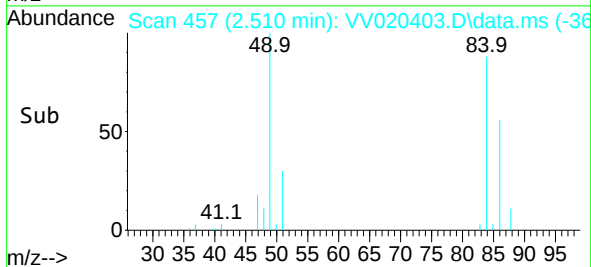
MMDadoda
3/1/2021 9:59:54 AM

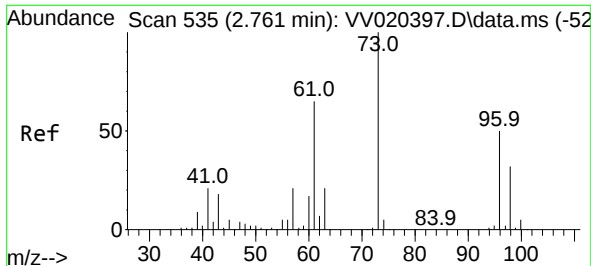


#16
Methylene chloride
Concen: 2.21 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.000 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28



Tgt Ion: 84 Resp: 8369
Ion Ratio Lower Upper
84 100
86 63.9 44.8 83.2
49 113.3 78.5 145.7





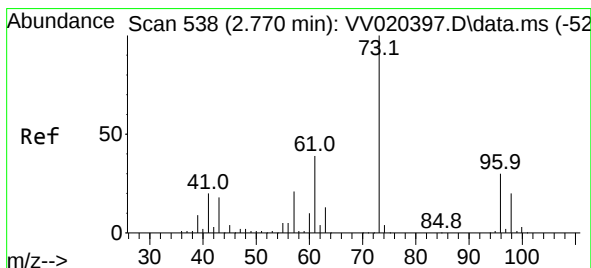
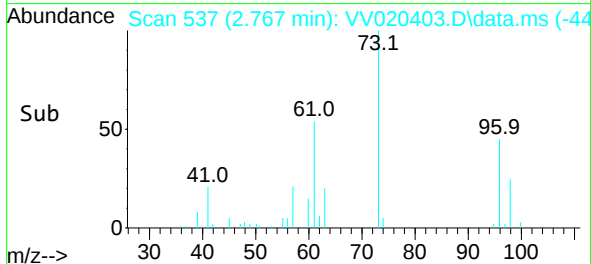
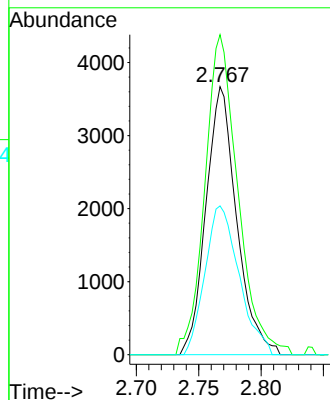
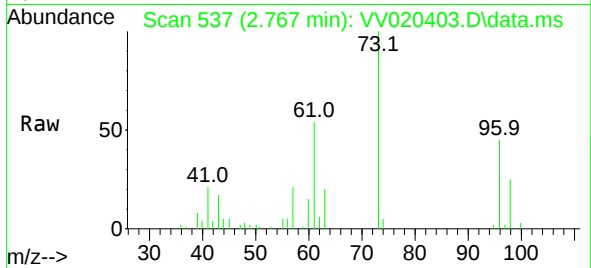
#17
trans-1,2-Dichloroethene
Concen: 1.81 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.007 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion: 96 Resp: 6298
Ion Ratio Lower Upper
96 100
61 119.4 92.0 170.9
98 55.5 44.2 82.2

Instrument :
MSVOA_V
ClientSampleId :
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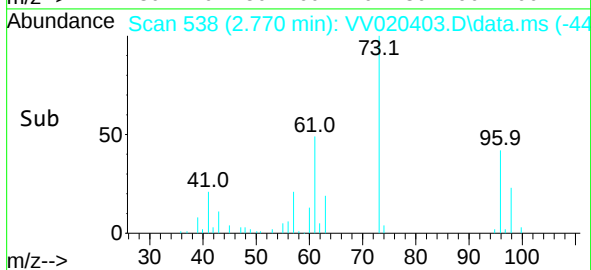
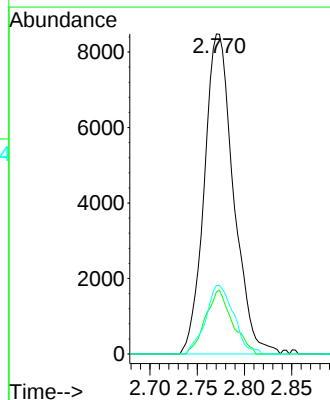
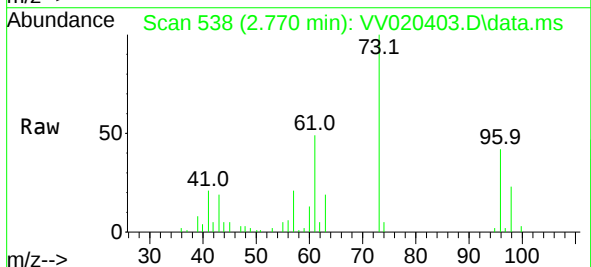
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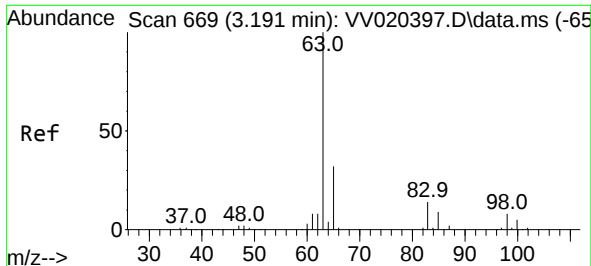
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#18
Methyl tert-butyl Ether
Concen: 1.74 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion: 73 Resp: 18225
Ion Ratio Lower Upper
73 100
43 18.2 15.0 22.6
57 20.6 17.2 25.8





#19

1,1-Dichloroethane

Concen: 1.78 ug/L

RT: 3.195 min Scan# 670

Delta R.T. 0.003 min

Lab File: VV020403.D

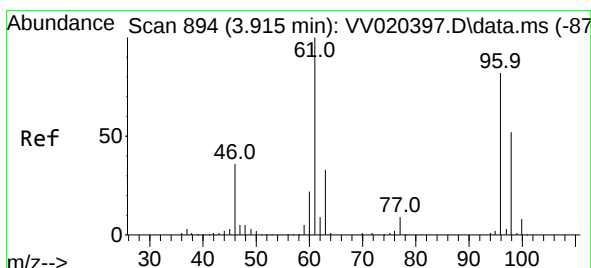
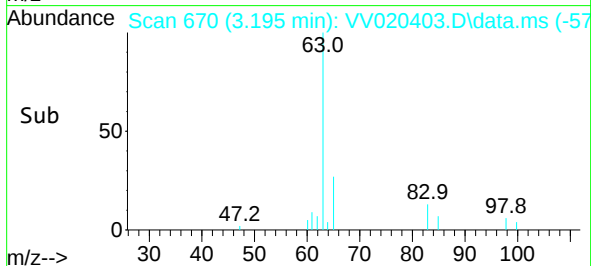
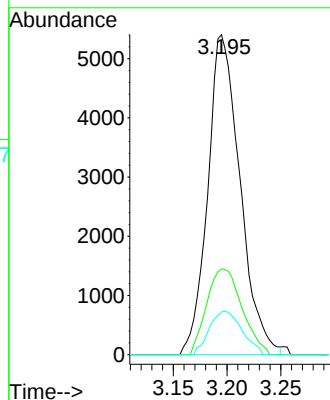
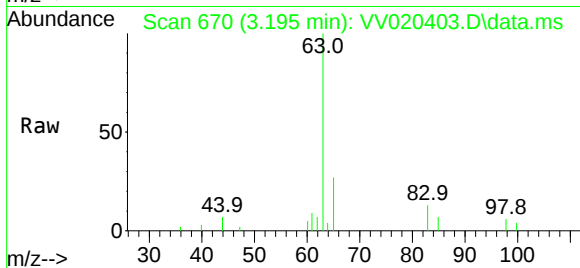
Acq: 24 Feb 2021 19:28

Tgt Ion:	63	Resp:	11281
Ion	Ratio	Lower	Upper
63	100		
65	26.8	21.8	40.4
83	13.4	9.4	17.4

Instrument :
MSVOA_V
ClientSampleId :
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#20

cis-1,2-Dichloroethene

Concen: 1.77 ug/L

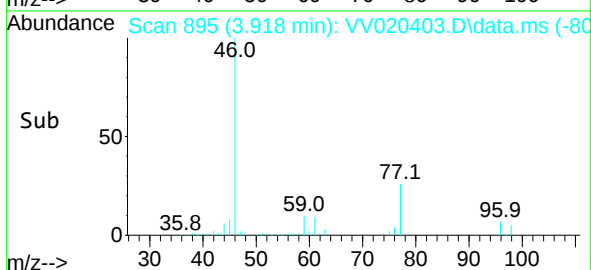
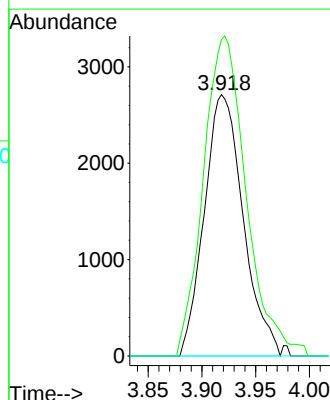
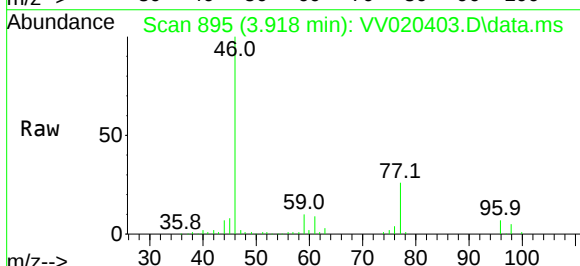
RT: 3.918 min Scan# 895

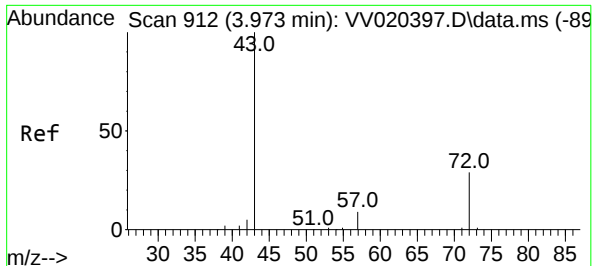
Delta R.T. 0.003 min

Lab File: VV020403.D

Acq: 24 Feb 2021 19:28

Tgt Ion:	96	Resp:	6821
Ion	Ratio	Lower	Upper
96	100		
61	121.1	90.6	168.3
68	0.0	0.0	0.0





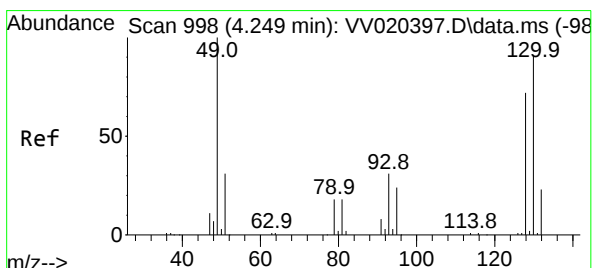
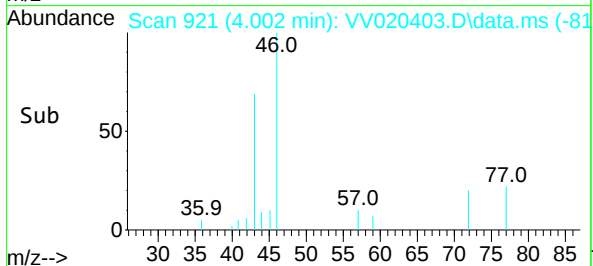
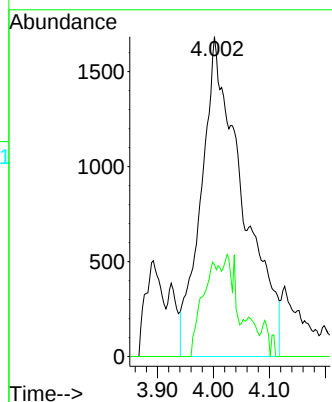
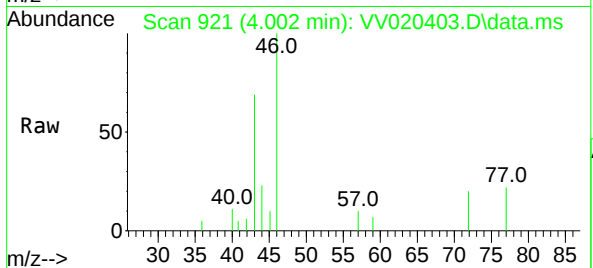
#22
2-Butanone
Concen: 3.88 ug/L m
RT: 4.002 min Scan# 921
Delta R.T. 0.029 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion: 43 Resp: 8665
Ion Ratio Lower Upper
43 100
72 10.4 12.7 38.1#

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

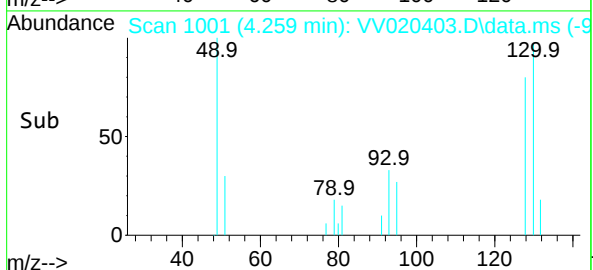
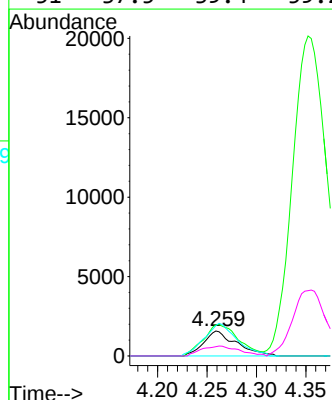
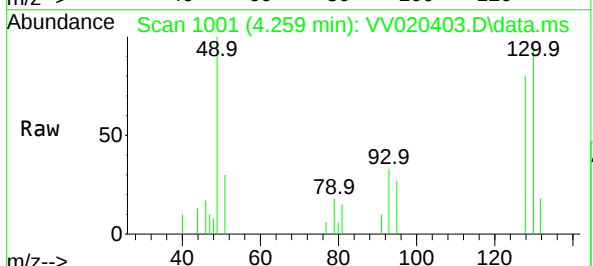
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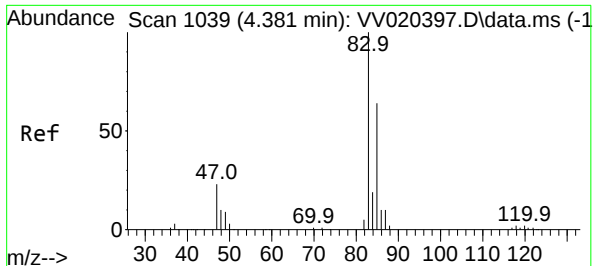
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#23
Bromochloromethane
Concen: 1.74 ug/L m
RT: 4.259 min Scan# 1001
Delta R.T. 0.010 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion: 128 Resp: 3617
Ion Ratio Lower Upper
128 100
49 125.3 109.8 203.8
130 121.9 92.8 172.4
51 37.5 39.4 59.2#





#25

Chloroform

Concen: 3.11 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VV020403.D

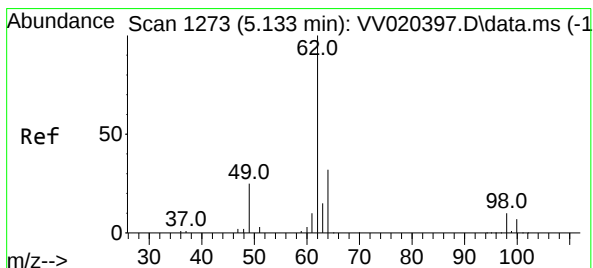
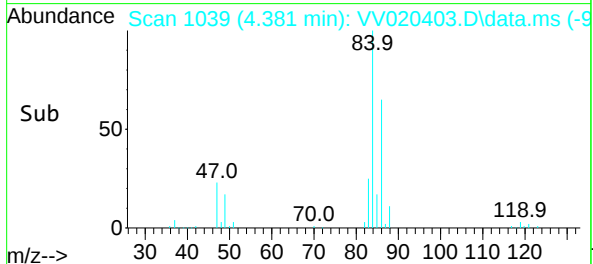
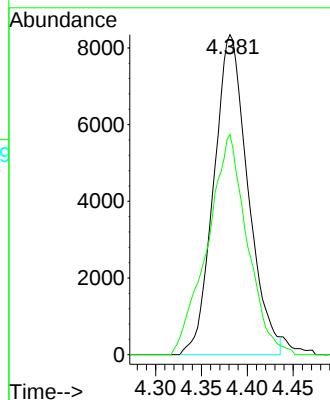
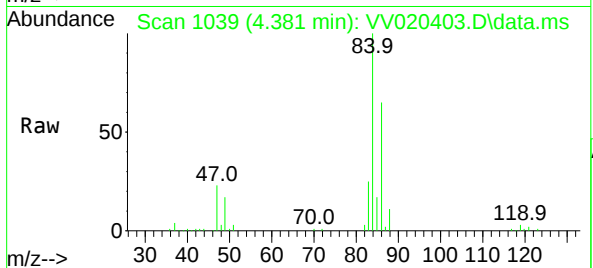
Acq: 24 Feb 2021 19:28

Tgt Ion: 83 Resp: 21592

Ion Ratio Lower Upper

83 100

85 68.8 44.6 82.8



#27

1,2-Dichloroethane

Concen: 1.80 ug/L

RT: 5.143 min Scan# 1276

Delta R.T. 0.010 min

Lab File: VV020403.D

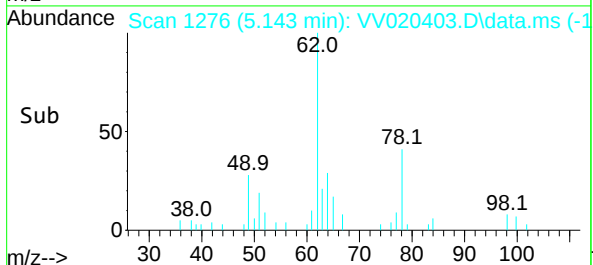
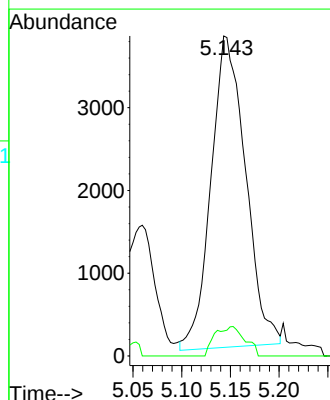
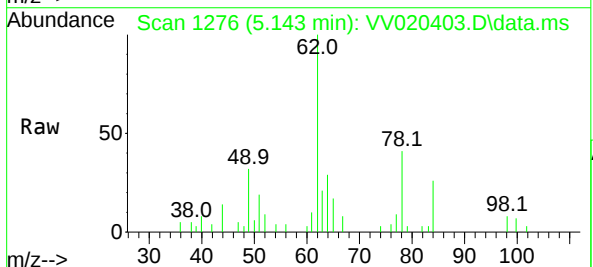
Acq: 24 Feb 2021 19:28

Tgt Ion: 62 Resp: 9254

Ion Ratio Lower Upper

62 100

98 7.8 7.8 11.6



Instrument :

MSVOA_V

ClientSampleId :

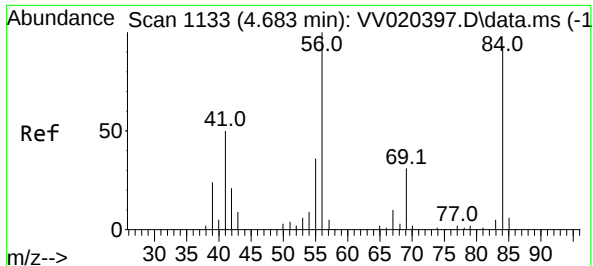
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#29

Cyclohexane

Concen: 1.70 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. -0.003 min

Lab File: VV020403.D

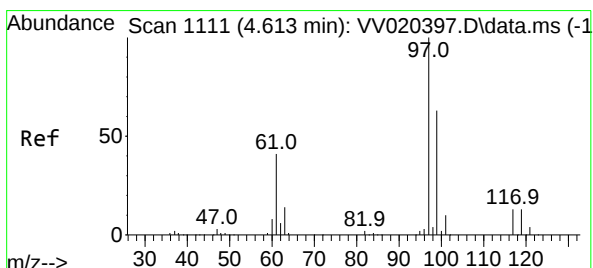
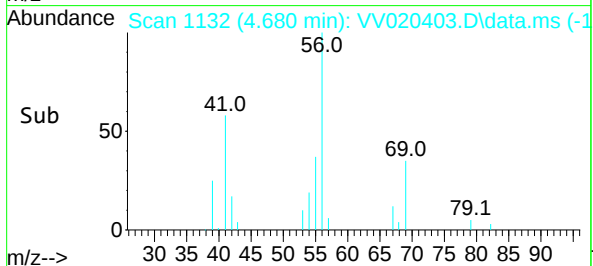
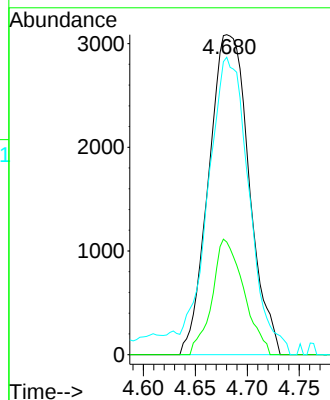
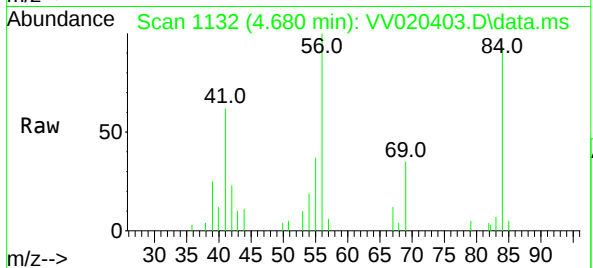
Acq: 24 Feb 2021 19:28

Tgt Ion:	56	Resp:	8339
Ion Ratio	Lower	Upper	
56	100		
69	28.3	25.1	37.7
84	51.9	70.6	106.0#

Instrument :
MSVOA_V
ClientSampleId :
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#30

1,1,1-Trichloroethane

Concen: 1.69 ug/L m

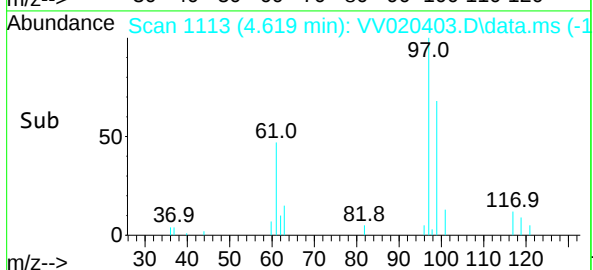
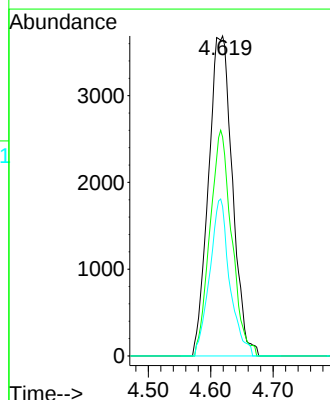
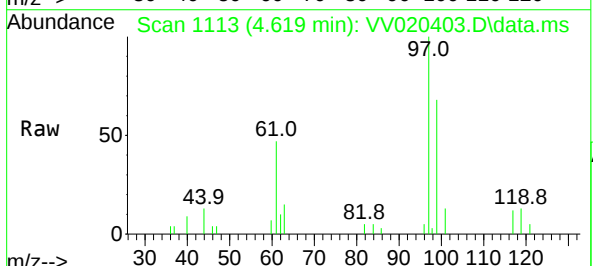
RT: 4.619 min Scan# 1113

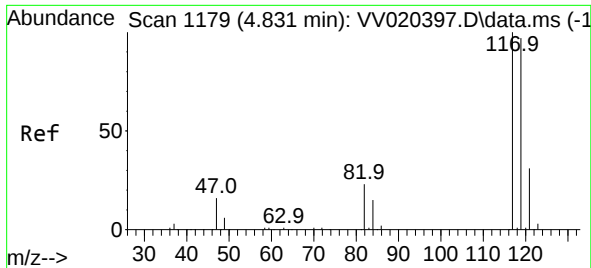
Delta R.T. 0.007 min

Lab File: VV020403.D

Acq: 24 Feb 2021 19:28

Tgt Ion:	97	Resp:	9811
Ion Ratio	Lower	Upper	
97	100		
99	63.7	51.9	77.9
61	41.1	35.4	53.2





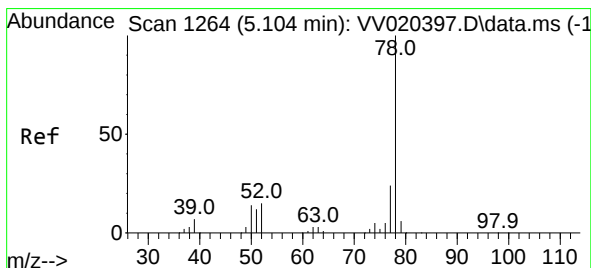
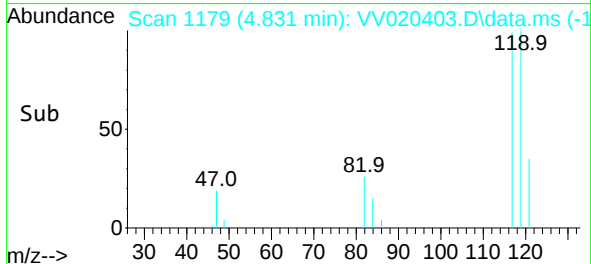
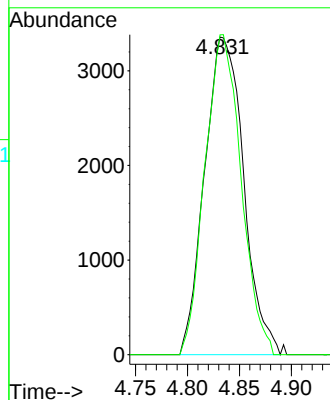
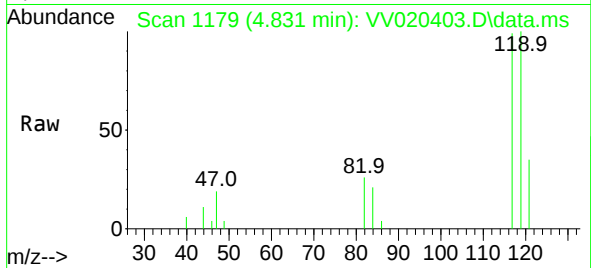
#31
Carbon tetrachloride
Concen: 1.73 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion: 117 Resp: 8748
Ion Ratio Lower Upper
117 100
119 93.5 76.9 115.3

Instrument :
MSVOA_V
ClientSampleId :
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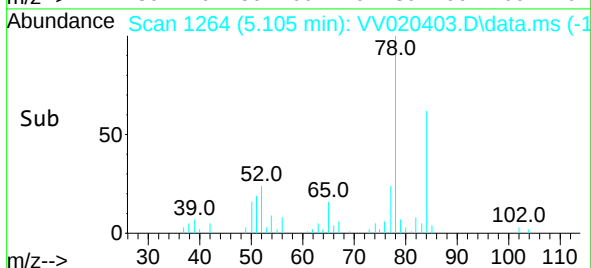
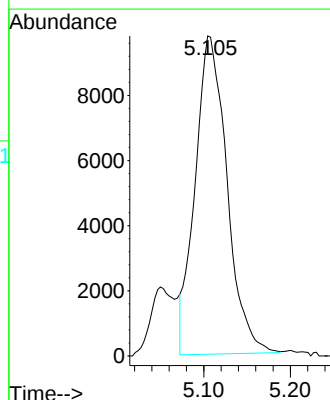
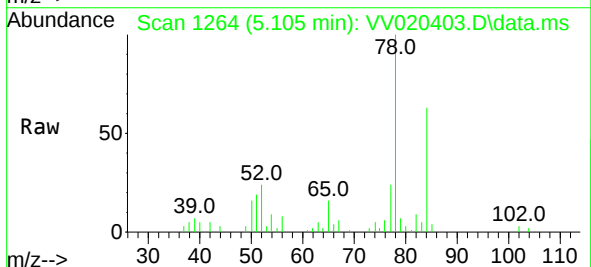
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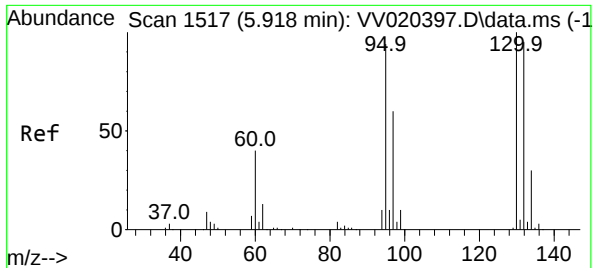
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#33
Benzene
Concen: 1.80 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion: 78 Resp: 24952





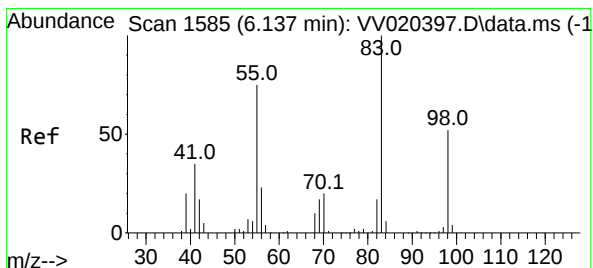
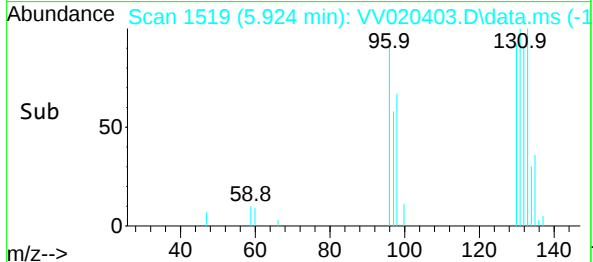
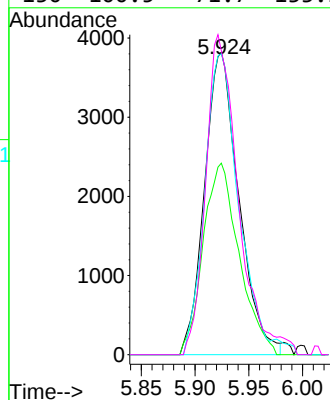
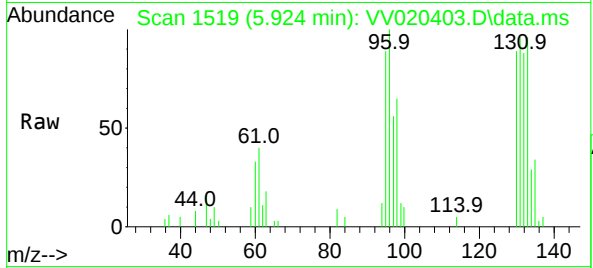
#34
Trichloroethene
Concen: 2.10 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.007 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion:	95	Resp:	8471
Ion	Ratio	Lower	Upper
95	100		
97	63.3	45.4	84.4
132	99.5	68.7	127.7
130	100.5	71.7	133.1

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

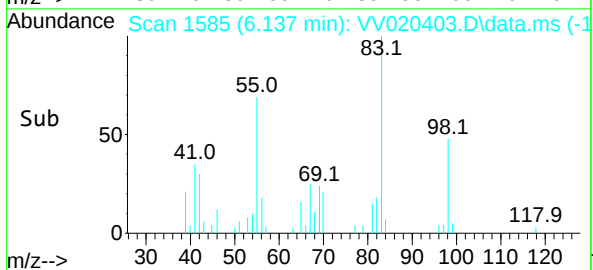
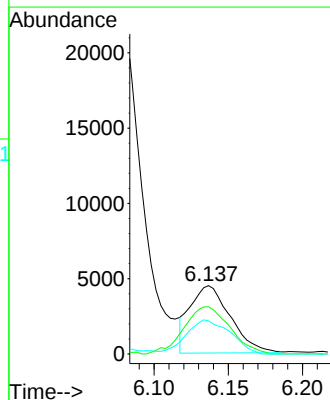
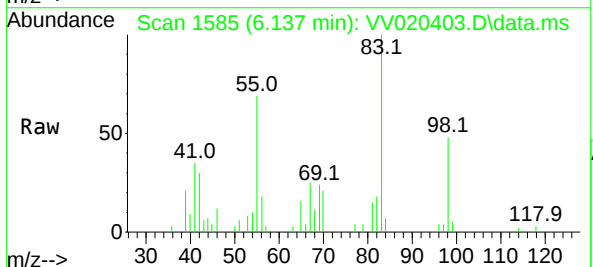
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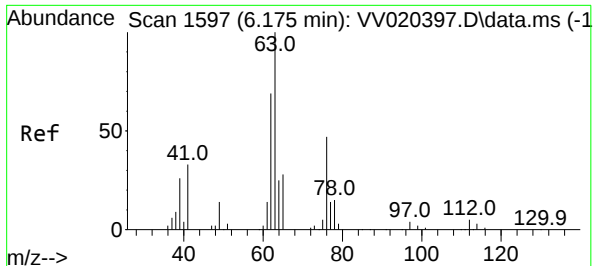
MMDadoda
3/1/2021 9:59:54 AM



#35
Methylcyclohexane
Concen: 1.56 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion:	83	Resp:	8459
Ion	Ratio	Lower	Upper
83	100		
55	79.8	61.4	92.0
98	55.2	39.9	59.9





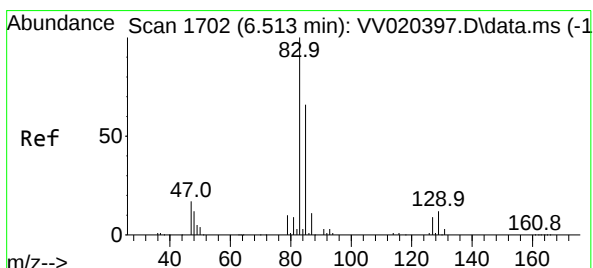
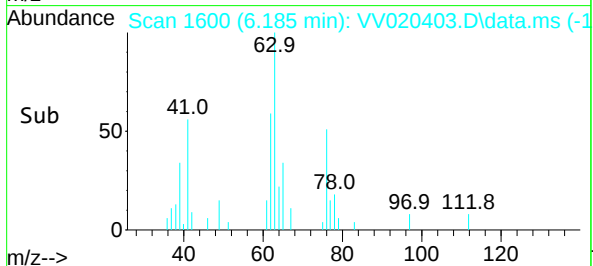
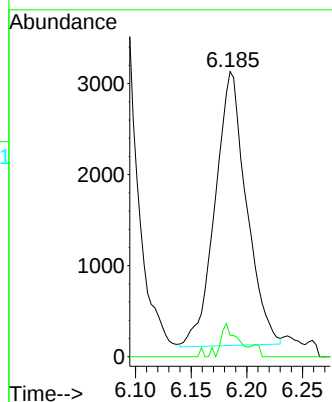
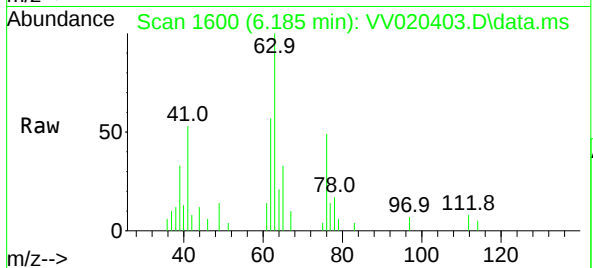
#37
1,2-Dichloropropane
Concen: 1.67 ug/L
RT: 6.185 min Scan# 1600
Delta R.T. 0.010 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion: 63 Resp: 5889
Ion Ratio Lower Upper
63 100
112 4.0 3.9 5.9

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

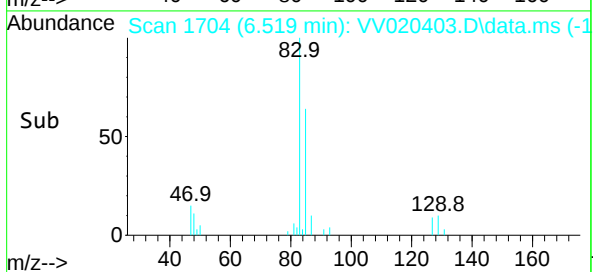
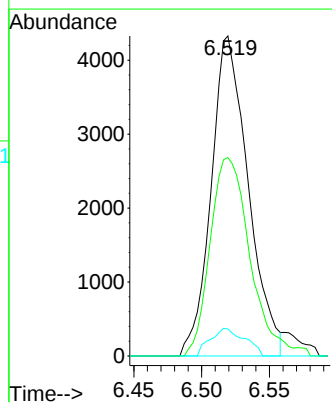
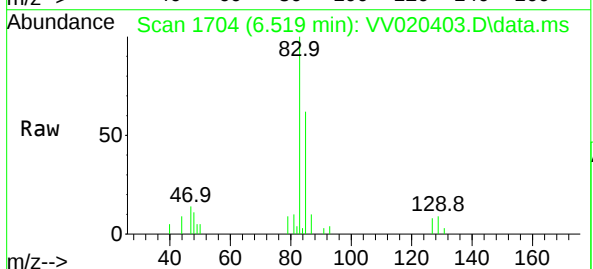
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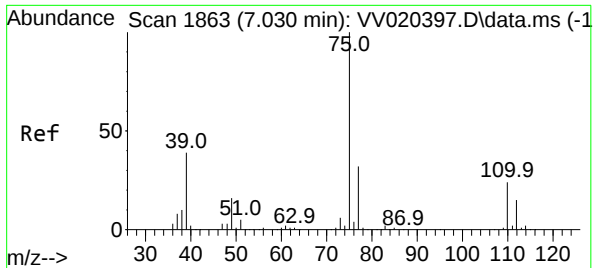
MMDadoda
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#38
Bromodichloromethane
Concen: 1.70 ug/L
RT: 6.519 min Scan# 1704
Delta R.T. 0.007 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion: 83 Resp: 8216
Ion Ratio Lower Upper
83 100
85 62.0 44.2 82.2
127 8.5 6.8 10.2





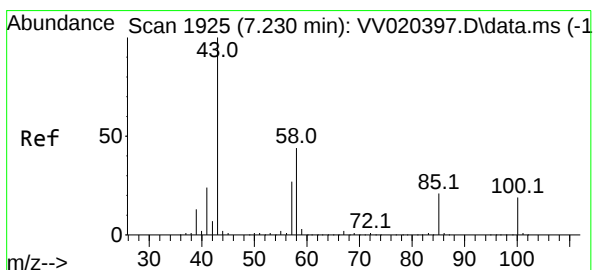
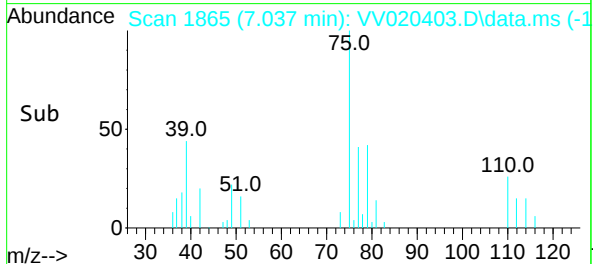
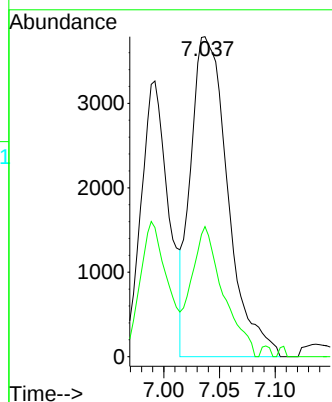
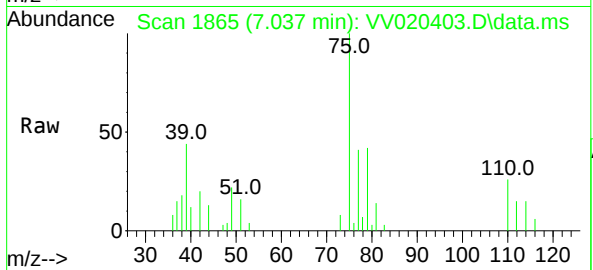
#39
 cis-1,3-Dichloropropene
 Concen: 1.64 ug/L
 RT: 7.037 min Scan# 1865
 Delta R.T. 0.007 min
 Lab File: VV020403.D
 Acq: 24 Feb 2021 19:28

Tgt Ion: 75 Resp: 8795
 Ion Ratio Lower Upper
 75 100
 77 40.7 21.8 40.6#

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2021-03

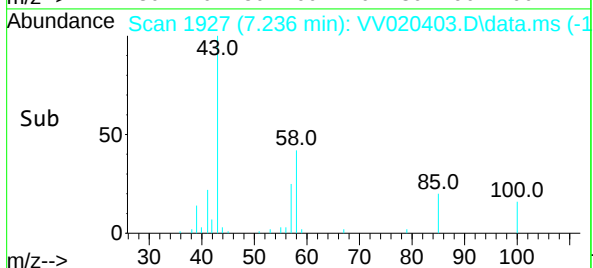
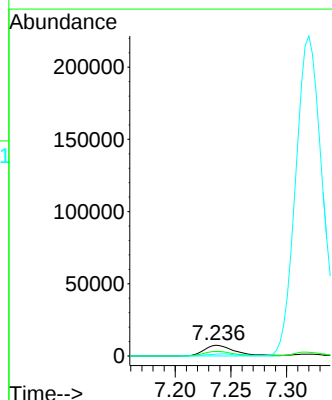
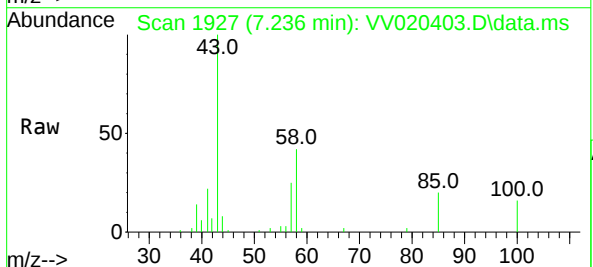
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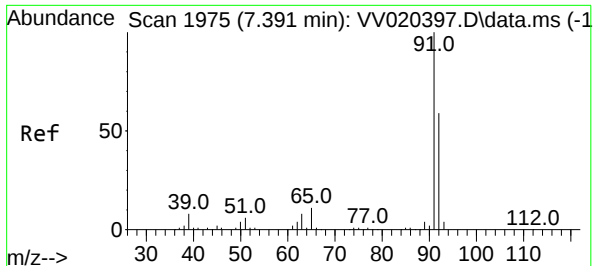
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#40
 4-Methyl-2-pentanone
 Concen: 3.27 ug/L
 RT: 7.236 min Scan# 1927
 Delta R.T. 0.007 min
 Lab File: VV020403.D
 Acq: 24 Feb 2021 19:28

Tgt Ion: 43 Resp: 14269
 Ion Ratio Lower Upper
 43 100
 58 42.6 32.1 48.1
 100 18.4 13.4 20.0





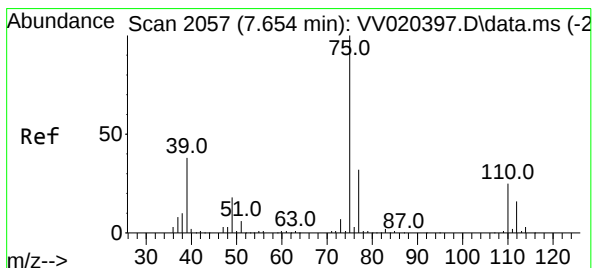
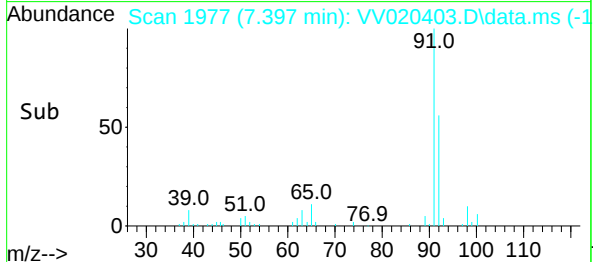
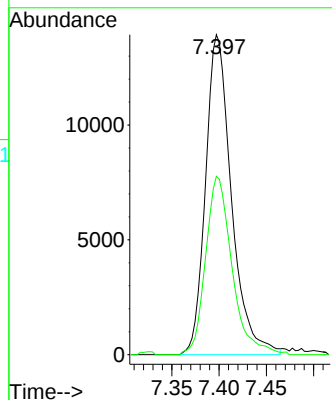
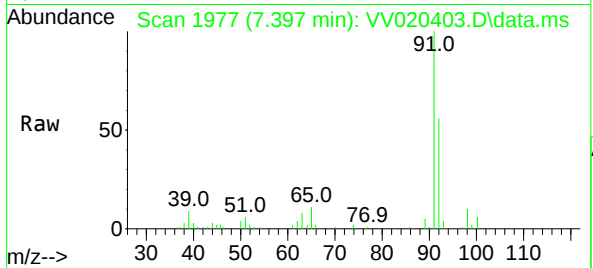
#42
Toluene
Concen: 1.75 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.007 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion: 91 Resp: 26581
Ion Ratio Lower Upper
91 100
92 55.8 40.9 75.9

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

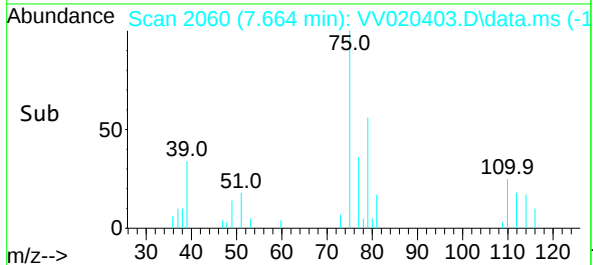
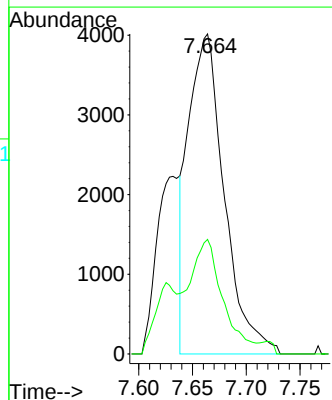
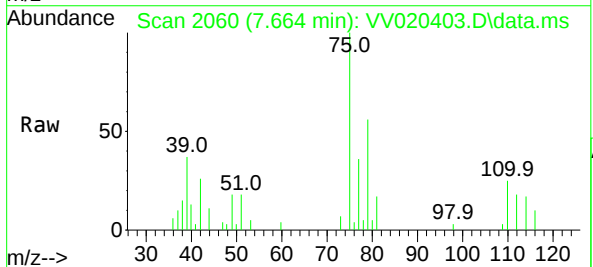
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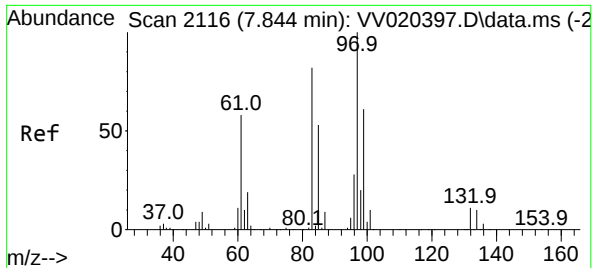
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#44
trans-1,3-Dichloropropene
Concen: 1.78 ug/L
RT: 7.664 min Scan# 2060
Delta R.T. 0.010 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion: 75 Resp: 9325
Ion Ratio Lower Upper
75 100
77 35.8 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 1.71 ug/L

RT: 7.847 min Scan# 2117

Delta R.T. 0.003 min

Lab File: VV020403.D

Acq: 24 Feb 2021 19:28

Tgt Ion: 97 Resp: 6319

Ion Ratio Lower Upper

97 100

99 67.7 43.0 79.8

83 92.3 57.8 107.4

85 60.7 37.6 69.8

Instrument :

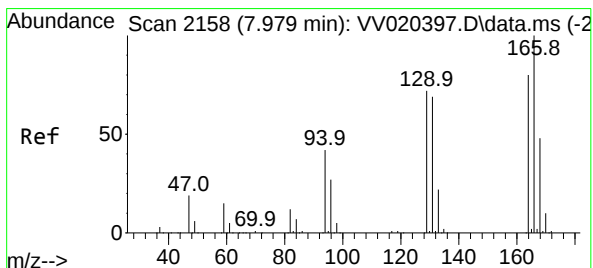
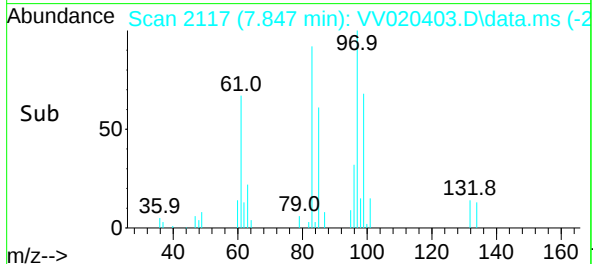
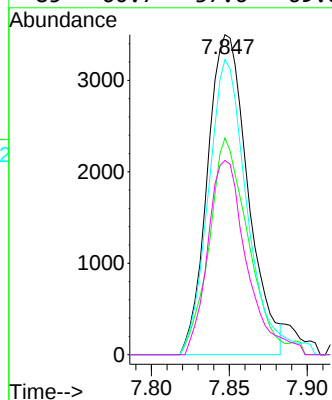
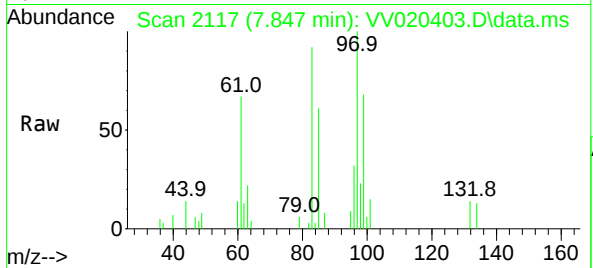
MSVOA_V

ClientSampleId :

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#46

Tetrachloroethene

Concen: 1.77 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.003 min

Lab File: VV020403.D

Acq: 24 Feb 2021 19:28

Tgt Ion: 164 Resp: 5734

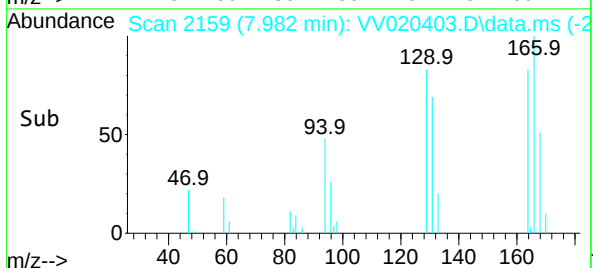
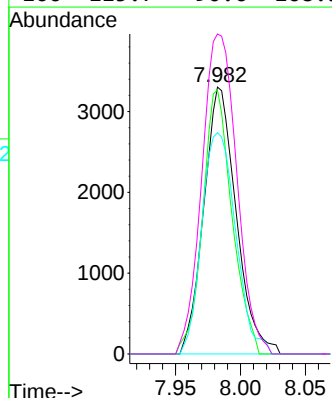
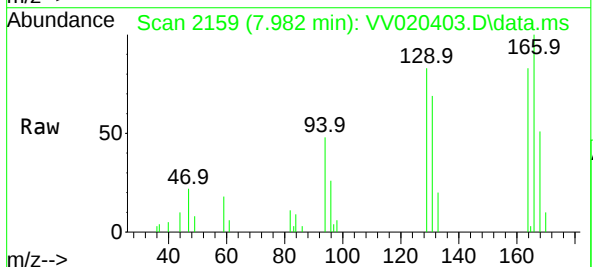
Ion Ratio Lower Upper

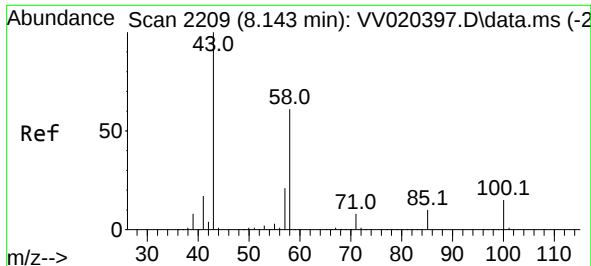
164 100

129 95.4 64.0 118.8

131 80.0 61.2 113.8

166 115.7 90.6 168.3





#48

2-Hexanone

Concen: 7.30 ug/L

RT: 8.149 min Scan# 2211

Delta R.T. 0.007 min

Lab File: VV020403.D

Acq: 24 Feb 2021 19:28

Tgt Ion: 43 Resp: 24656

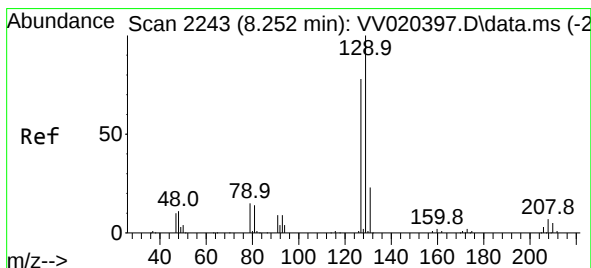
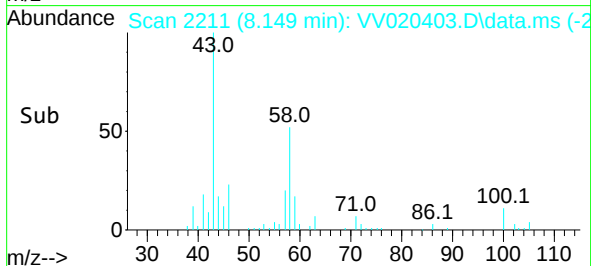
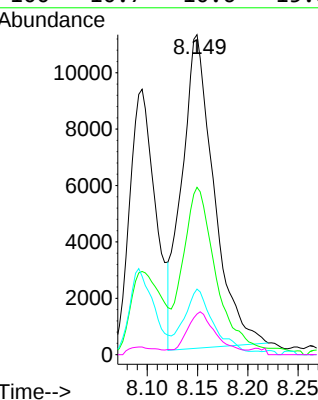
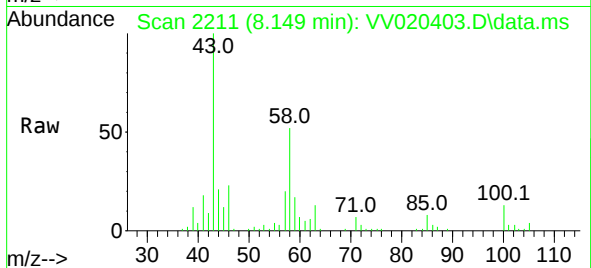
Ion Ratio Lower Upper

43 100

58 56.4 45.3 67.9

57 12.1 15.8 23.6#

100 10.7 10.6 15.8



#49

Dibromochloromethane

Concen: 1.64 ug/L

RT: 8.252 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VV020403.D

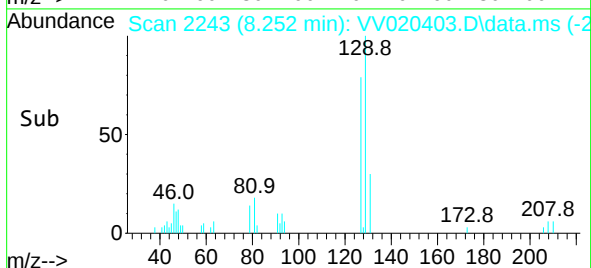
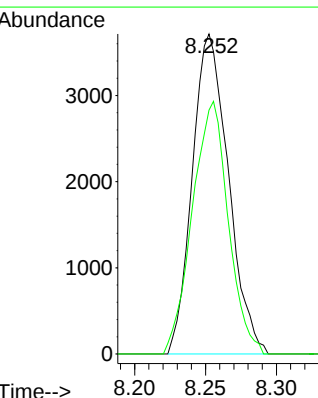
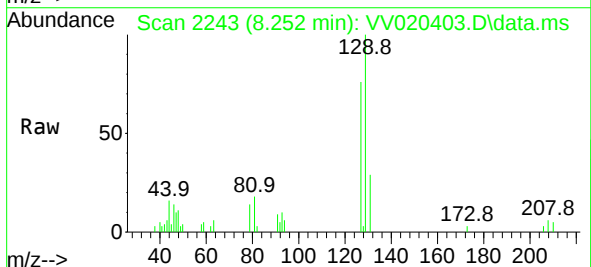
Acq: 24 Feb 2021 19:28

Tgt Ion: 129 Resp: 6579

Ion Ratio Lower Upper

129 100

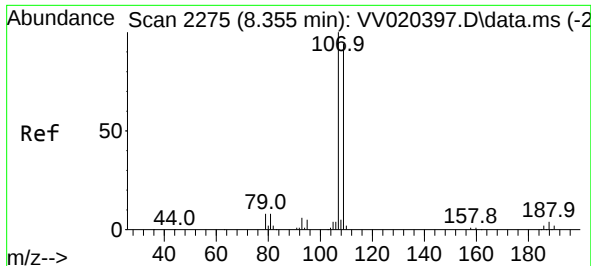
127 76.2 54.7 101.7



Instrument :
MSVOA_V
ClientSampleId :
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#50

1,2-Dibromoethane

Concen: 1.81 ug/L

RT: 8.365 min Scan# 2278

Delta R.T. 0.010 min

Lab File: VV020403.D

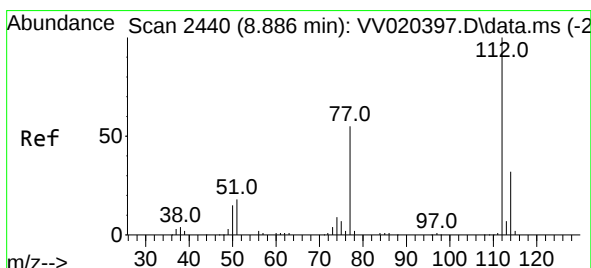
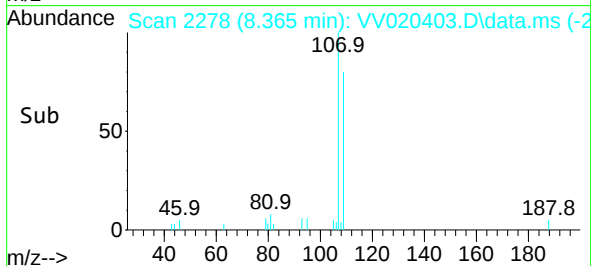
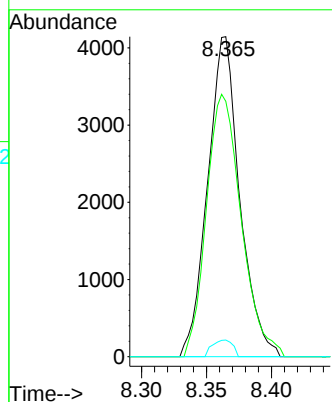
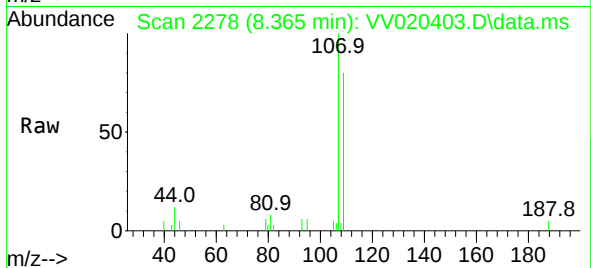
Acq: 24 Feb 2021 19:28

Tgt Ion:	107	Resp:	7129
Ion	Ratio	Lower	Upper
107	100		
109	79.8	66.2	123.0
188	5.2	3.6	5.4

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

Manual Integrations
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#51

Chlorobenzene

Concen: 1.84 ug/L

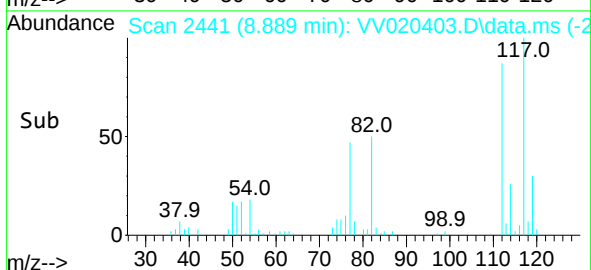
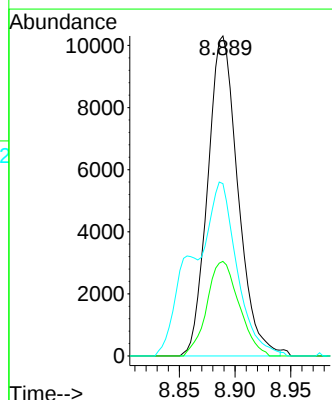
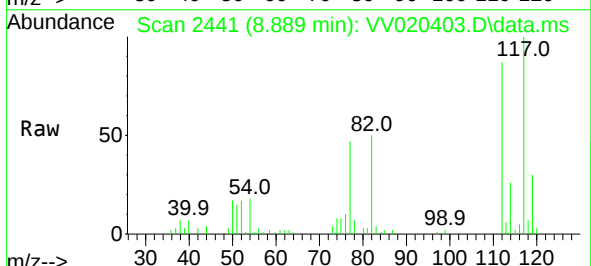
RT: 8.889 min Scan# 2441

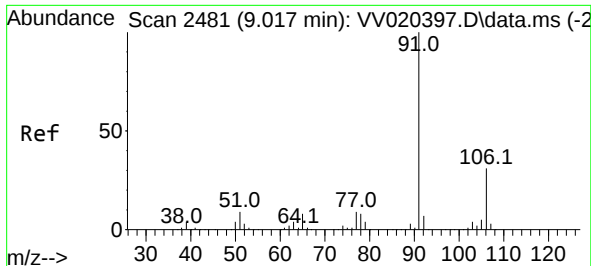
Delta R.T. 0.003 min

Lab File: VV020403.D

Acq: 24 Feb 2021 19:28

Tgt Ion:	112	Resp:	19459
Ion	Ratio	Lower	Upper
112	100		
114	29.6	22.5	41.7
77	53.8	47.3	70.9





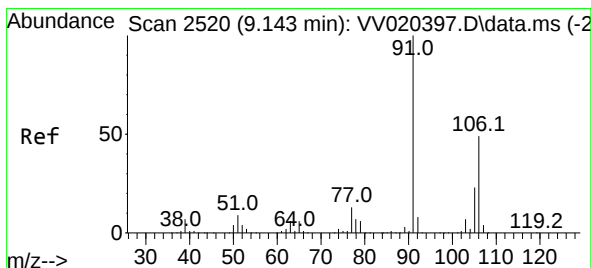
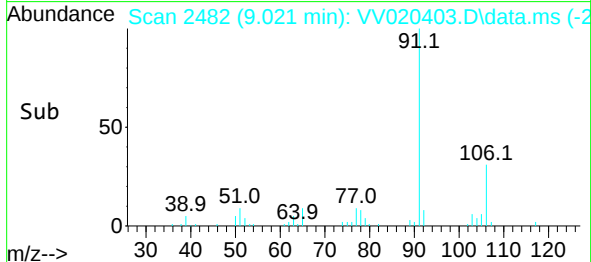
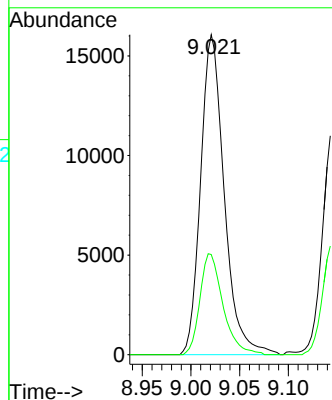
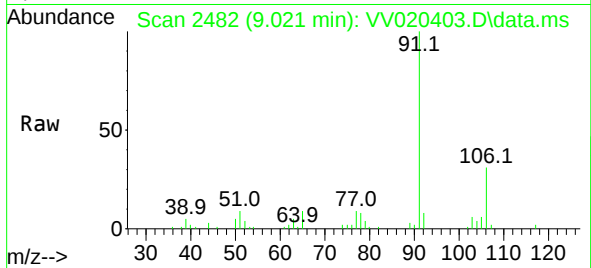
#52
Ethylbenzene
Concen: 1.61 ug/L
RT: 9.021 min Scan# 2482
Delta R.T. 0.003 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion: 91 Resp: 27074
Ion Ratio Lower Upper
91 100
106 31.3 21.3 39.6

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

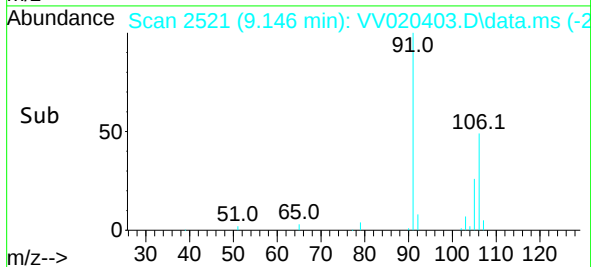
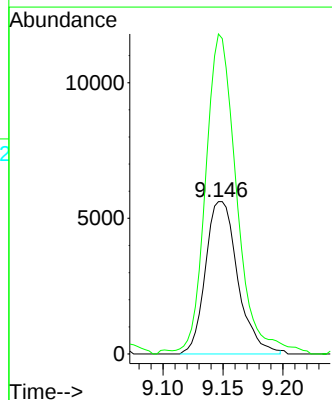
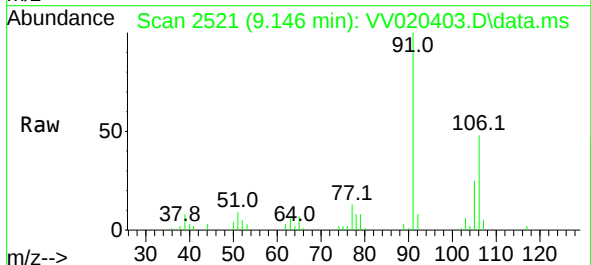
Manual Integrations
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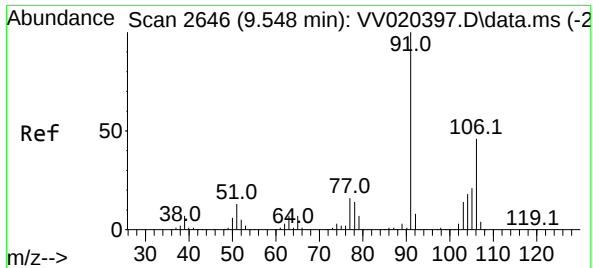
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#53
m,p-Xylene
Concen: 1.64 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

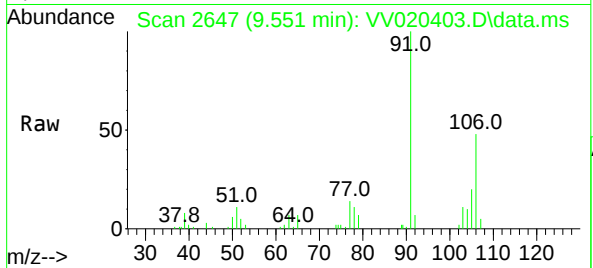
Tgt Ion: 106 Resp: 10531
Ion Ratio Lower Upper
106 100
91 210.2 143.1 265.7





#54
o-Xylene
Concen: 1.60 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.003 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

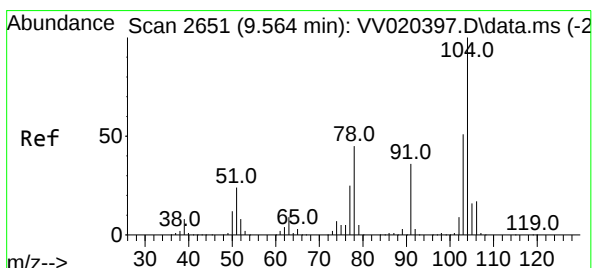
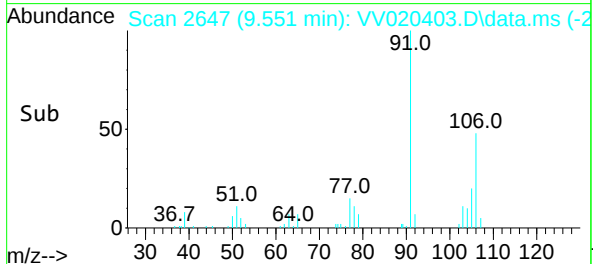
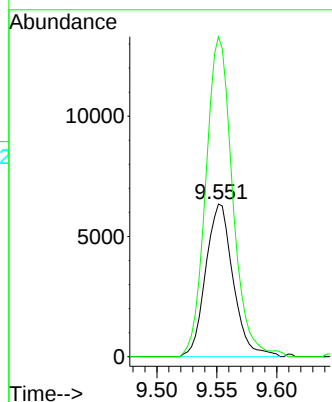
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03



Tgt Ion:106 Resp: 10101
Ion Ratio Lower Upper
106 100
91 209.7 153.6 285.3

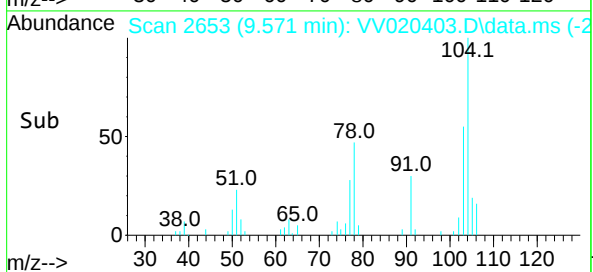
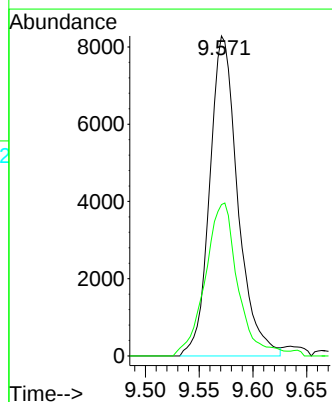
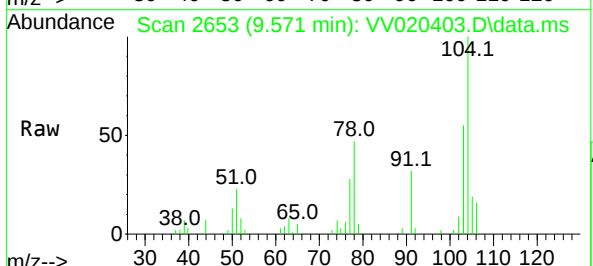
Manual Integrations
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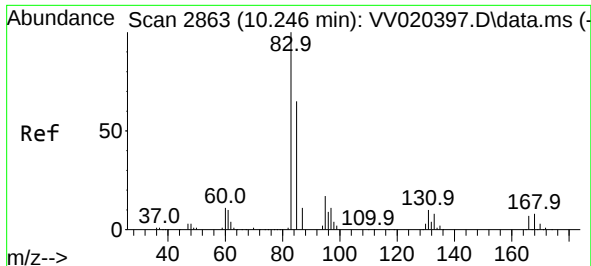
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#55
Styrene
Concen: 1.39 ug/L
RT: 9.571 min Scan# 2653
Delta R.T. 0.007 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion:104 Resp: 15064
Ion Ratio Lower Upper
104 100
78 47.3 31.6 58.8





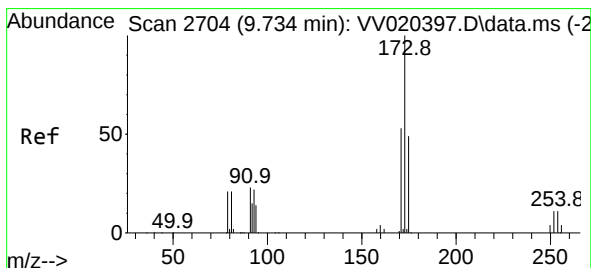
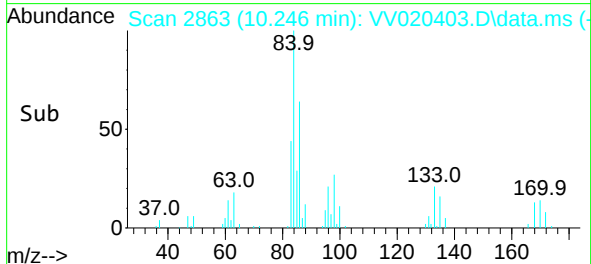
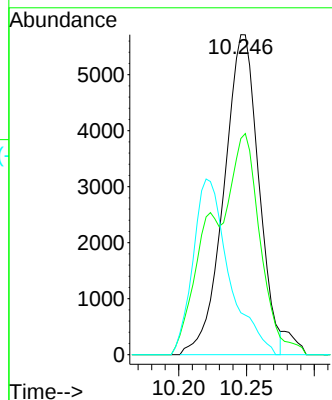
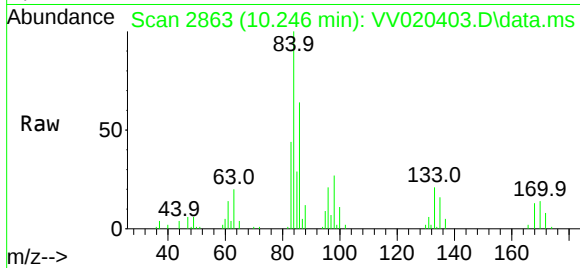
#57
1,1,2,2-Tetrachloroethane
Concen: 1.86 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion:	83	Resp:	10165
Ion Ratio	Lower	Upper	
83	100		
85	67.6	45.4	84.4
131	13.1	8.6	12.8#

Instrument :
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ClientSampleId :
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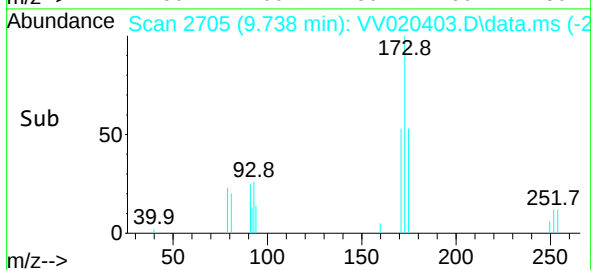
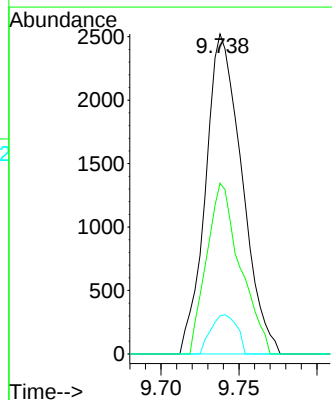
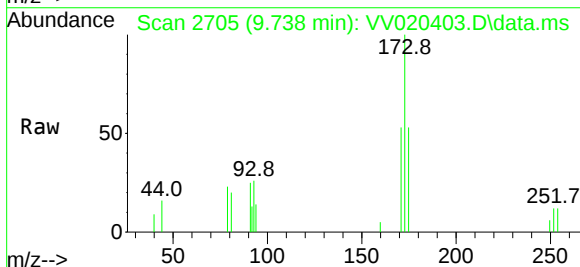
Manual Integrations
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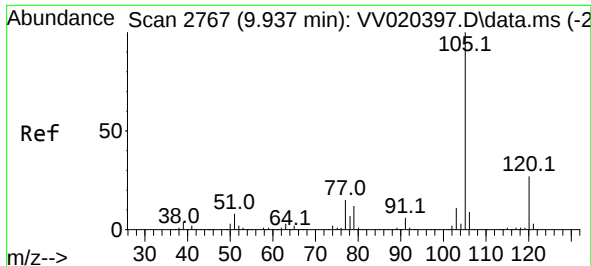
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#59
Bromoform
Concen: 1.54 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.003 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion:	173	Resp:	4082
Ion Ratio	Lower	Upper	
173	100		
175	49.3	39.0	58.6
254	8.7	9.5	14.3#





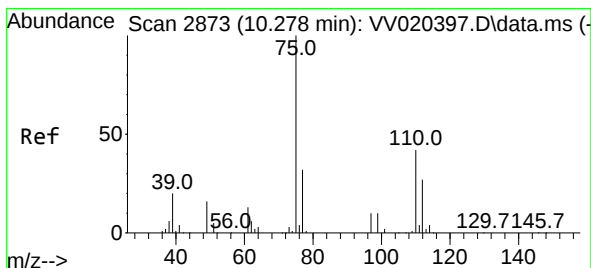
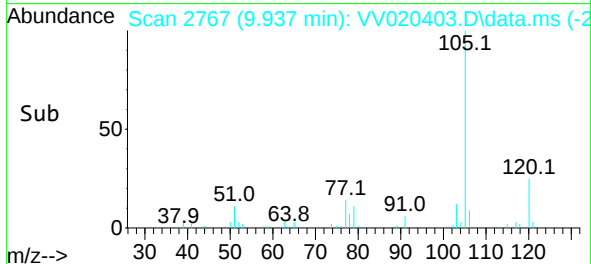
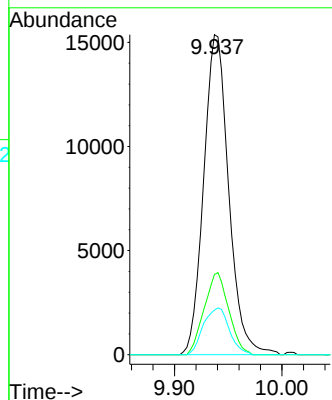
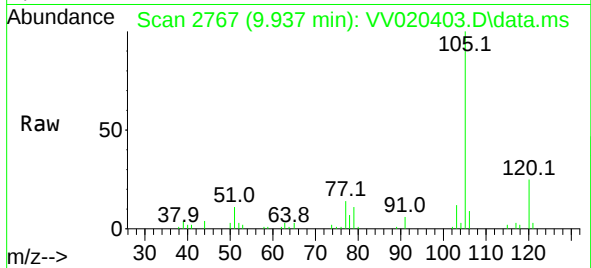
#60
Isopropylbenzene
Concen: 1.60 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.000 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion:	105	Resp:	24842
Ion Ratio	Lower	Upper	
105	100		
120	25.0	21.2	31.8
77	15.1	11.8	17.6

Instrument :
MSVOA_V
ClientSampleId :
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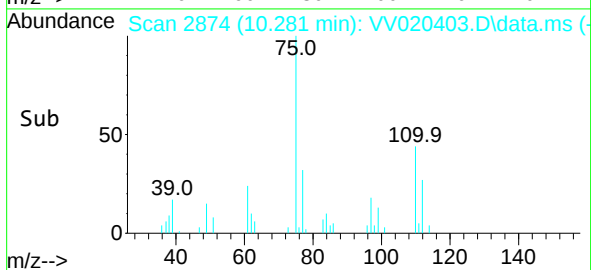
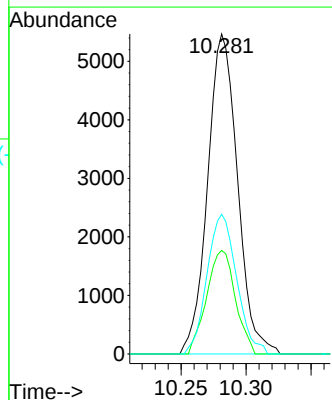
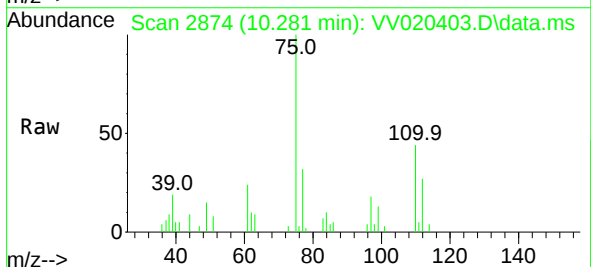
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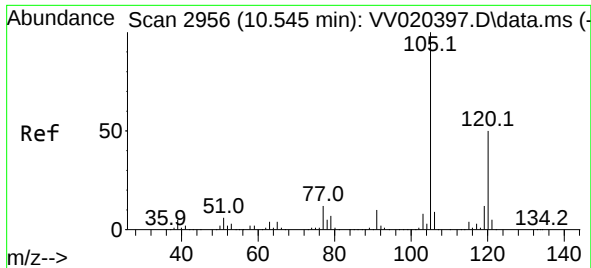
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#61
1,2,3-Trichloropropane
Concen: 1.97 ug/L
RT: 10.281 min Scan# 2874
Delta R.T. 0.003 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion:	75	Resp:	8751
Ion Ratio	Lower	Upper	
75	100		
77	31.0	25.7	38.5
110	43.3	33.3	49.9





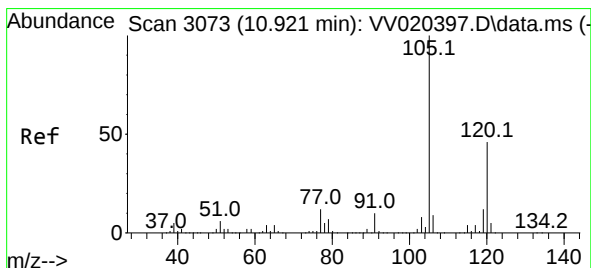
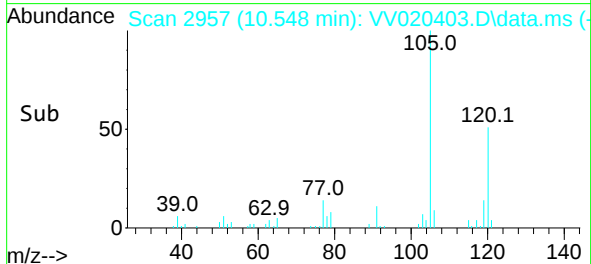
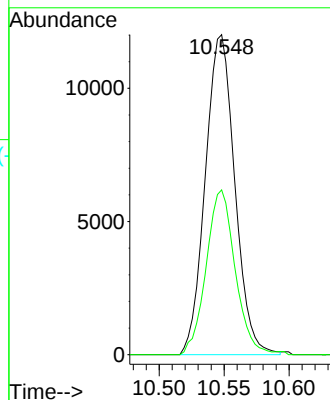
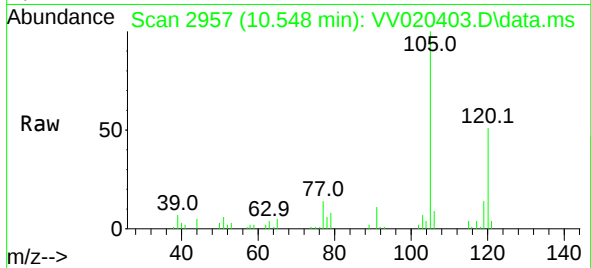
#62
1,3,5-Trimethylbenzene
Concen: 1.50 ug/L
RT: 10.548 min Scan# 2957
Delta R.T. 0.003 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion:105 Resp: 18987
Ion Ratio Lower Upper
105 100
120 50.4 39.9 59.9

Instrument :
MSVOA_V
ClientSampleId :
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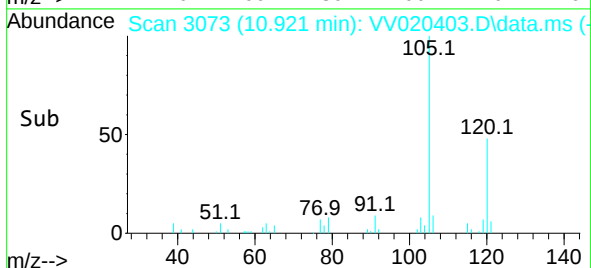
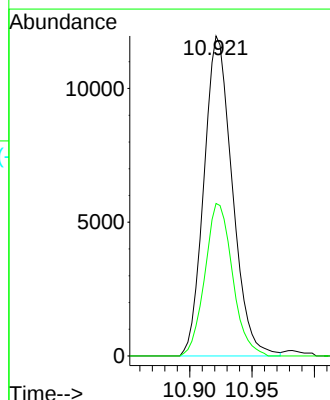
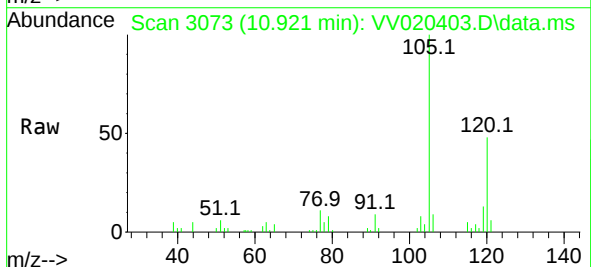
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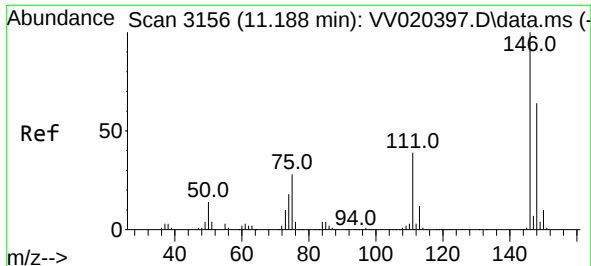
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#63
1,2,4-Trimethylbenzene
Concen: 1.45 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.000 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion:105 Resp: 18919
Ion Ratio Lower Upper
105 100
120 46.4 37.0 55.6





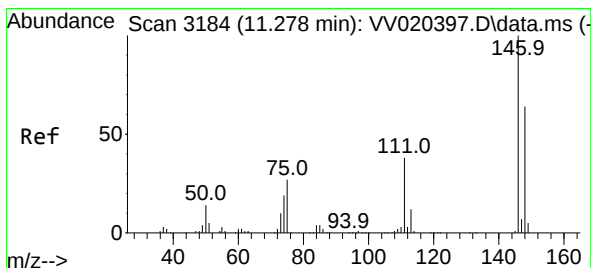
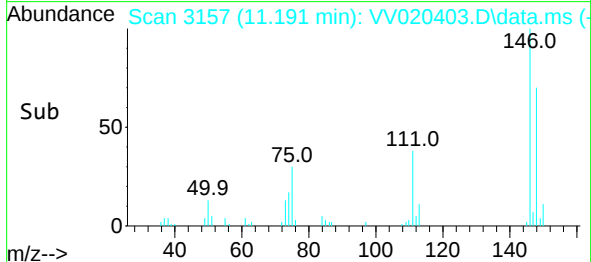
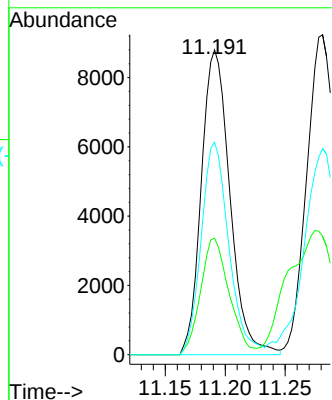
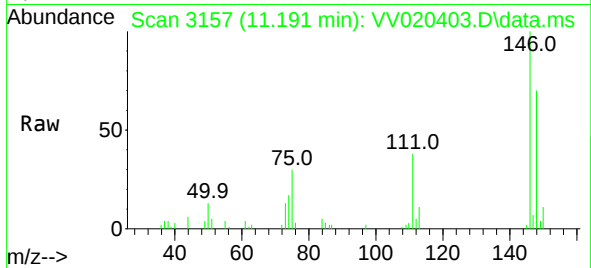
#64
1,3-Dichlorobenzene
Concen: 1.79 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.003 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion:146 Resp: 14588
Ion Ratio Lower Upper
146 100
111 38.2 27.4 51.0
148 69.7 44.1 81.9

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-03

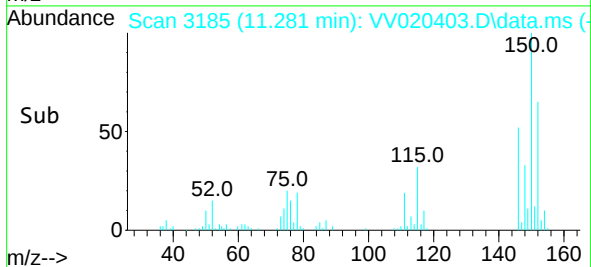
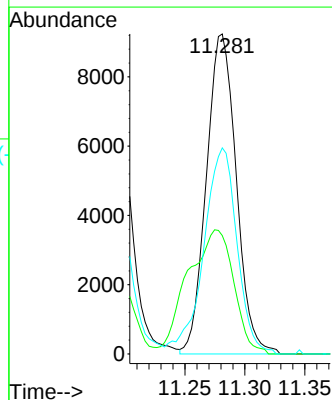
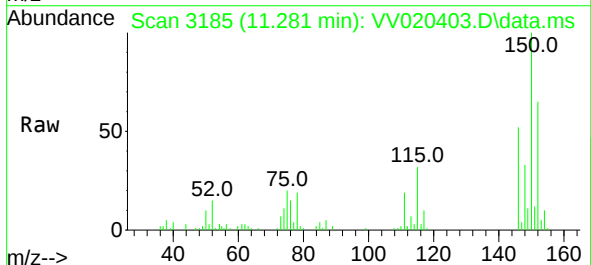
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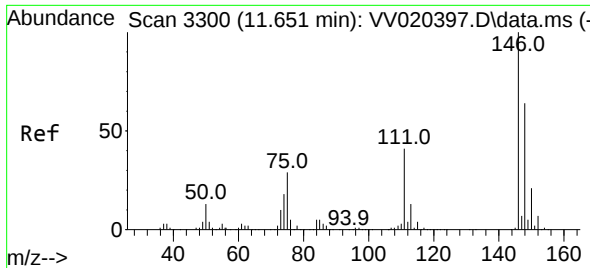
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#65
1,4-Dichlorobenzene
Concen: 1.89 ug/L
RT: 11.281 min Scan# 3185
Delta R.T. 0.003 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion:146 Resp: 16026
Ion Ratio Lower Upper
146 100
111 37.0 26.1 48.5
148 64.4 44.6 82.8





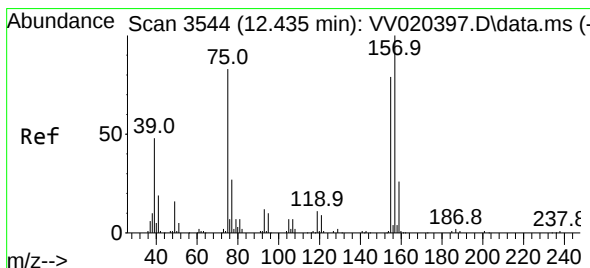
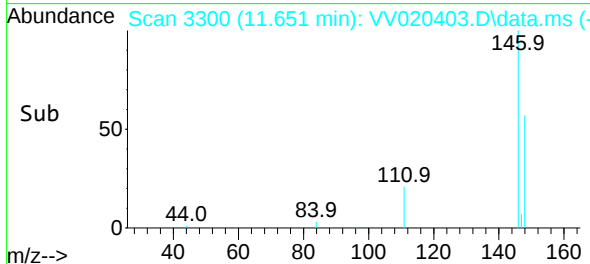
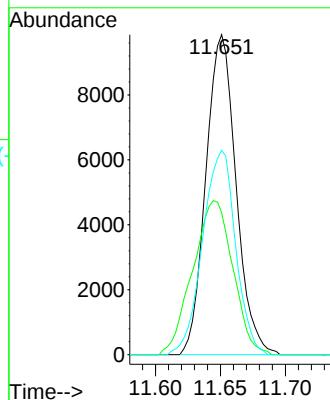
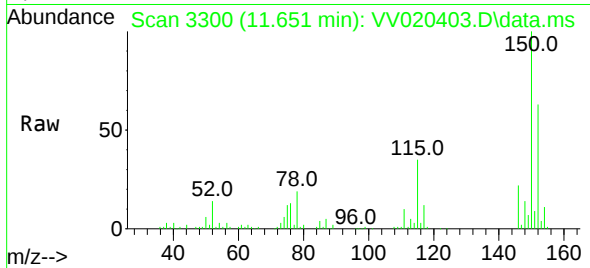
#67
1,2-Dichlorobenzene
Concen: 1.96 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.000 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion:	146	Resp:	15959
Ion Ratio	Lower	Upper	
146	100		
111	44.3	32.4	48.6
148	63.9	51.0	76.4

Instrument :
MSVOA_V
ClientSampleId :
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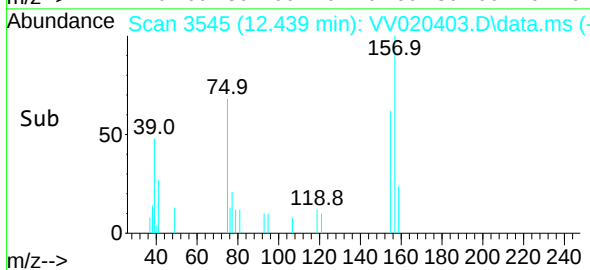
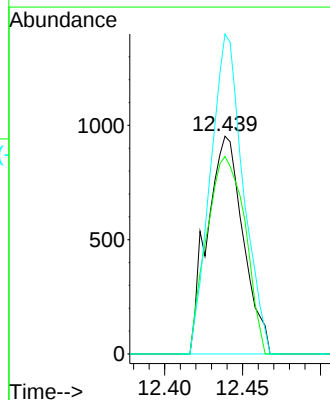
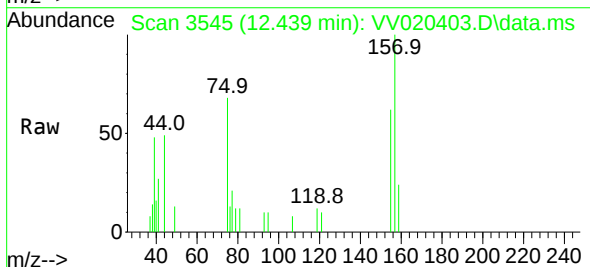
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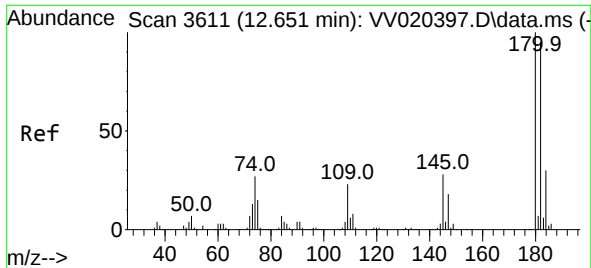
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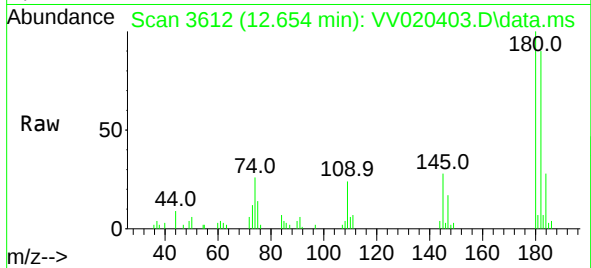
#68
1,2-Dibromo-3-chloropropane
Concen: 1.48 ug/L
RT: 12.439 min Scan# 3545
Delta R.T. 0.003 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion:	75	Resp:	1527
Ion Ratio	Lower	Upper	
75	100		
155	90.7	74.1	111.1
157	146.9	95.8	143.8#

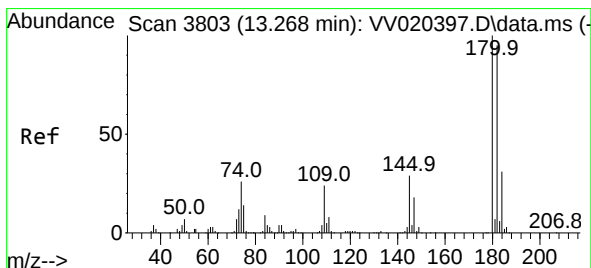
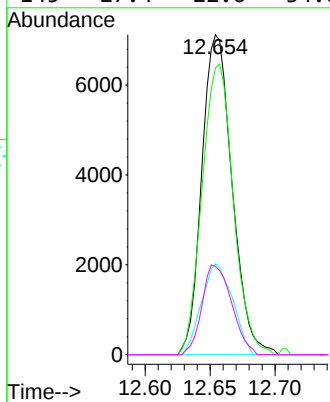
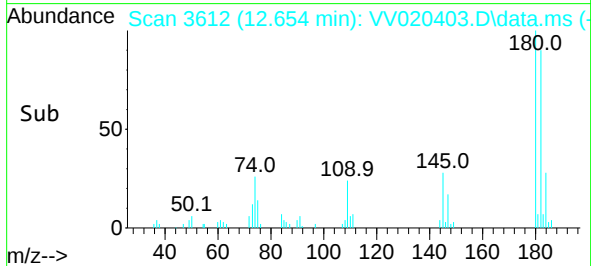




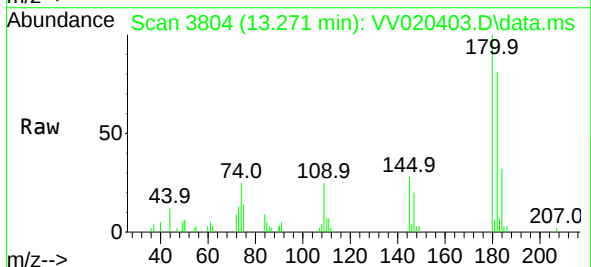
#69
 1,3,5-Trichlorobenzene
 Concen: 1.82 ug/L
 RT: 12.654 min Scan# 3612
 Delta R.T. 0.003 min
 Lab File: VV020403.D
 Acq: 24 Feb 2021 19:28



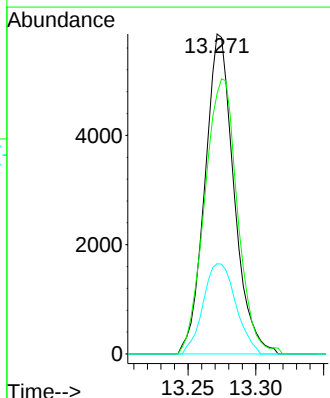
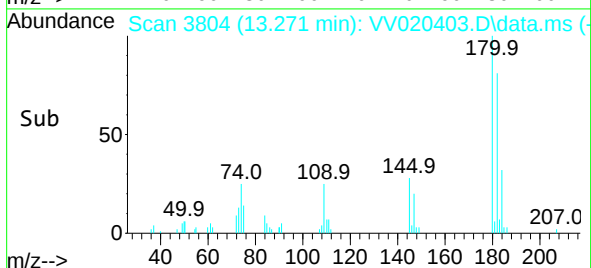
Tgt Ion:180 Resp: 11558
 Ion Ratio Lower Upper
 180 100
 182 93.3 76.1 114.1
 184 29.0 24.1 36.1
 145 27.4 22.6 34.0



#70
 1,2,4-trichlorobenzene
 Concen: 1.58 ug/L
 RT: 13.271 min Scan# 3804
 Delta R.T. 0.003 min
 Lab File: VV020403.D
 Acq: 24 Feb 2021 19:28



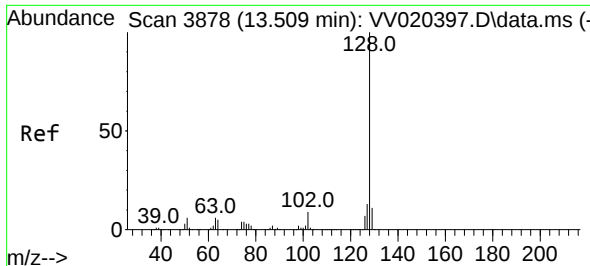
Tgt Ion:180 Resp: 8738
 Ion Ratio Lower Upper
 180 100
 182 96.3 77.1 115.7
 145 31.7 23.4 35.2



Instrument :
 MSVOA_V
 ClientSampleId :
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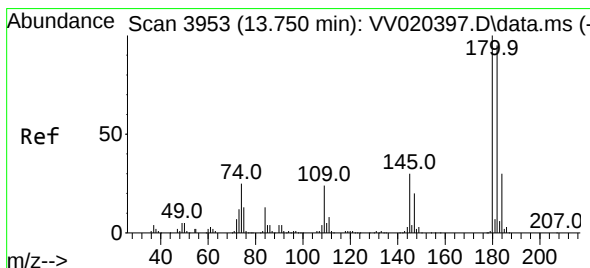
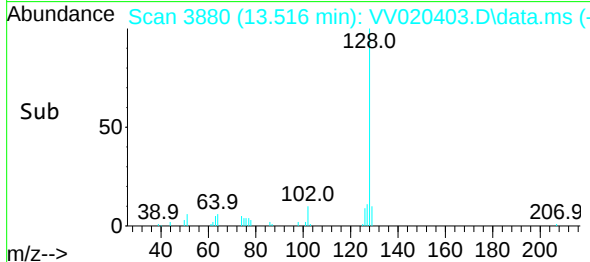
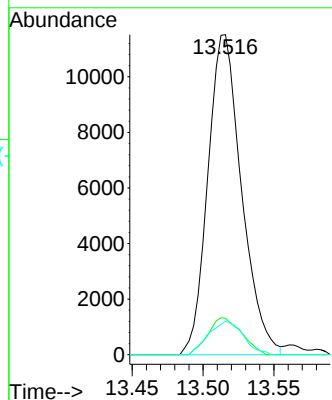
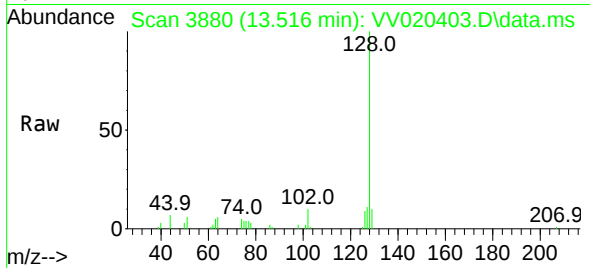
#71
Naphthalene
Concen: 1.25 ug/L
RT: 13.516 min Scan# 3880
Delta R.T. 0.007 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion:	128	Resp:	19054
Ion Ratio	Lower	Upper	
128	100		
127	11.5	10.3	15.5
129	10.7	8.6	12.8

Instrument :
MSVOA_V
ClientSampleId :
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#72
1,2,3-Trichlorobenzene
Concen: 1.60 ug/L
RT: 13.754 min Scan# 3954
Delta R.T. 0.003 min
Lab File: VV020403.D
Acq: 24 Feb 2021 19:28

Tgt Ion:	180	Resp:	8859
Ion Ratio	Lower	Upper	
180	100		
182	96.2	76.6	114.8
145	32.1	24.5	36.7

