

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030121\
 Data File : VW020424.D
 Acq On : 01 Mar 2021 13:33
 Operator : SY/MD
 Sample : M1344-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT2-2021-04

Manual Integrations
 APPROVED

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Quant Time: Mar 02 00:16:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 02 00:15:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	546737	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	537644	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	275454	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	126244	46.66	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.32%		
7) Chloroethane-d5	1.568	69	119462	49.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.82%		
11) 1,1-Dichloroethene-d2	2.108	63	200516	35.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.84%		
21) 2-Butanone-d5	3.886	46	216716	106.40	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	106.40%		
24) Chloroform-d	4.352	84	303155	49.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.02%		
26) 1,2-Dichloroethane-d4	5.034	65	202722	51.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.74%		
32) Benzene-d6	5.053	84	611039	52.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.34%		
36) 1,2-Dichloropropane-d6	6.072	67	193641	52.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	105.62%		
41) Toluene-d8	7.320	98	568337	50.90	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.80%		
43) trans-1,3-Dichloroprop...	7.625	79	87256	49.33	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.66%		
47) 2-Hexanone-d5	8.091	63	142001	97.70	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.70%		
56) 1,1,2,2-Tetrachloroeth...	10.223	84	254553	48.96	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.92%		
66) 1,2-Dichlorobenzene-d4	11.631	152	262928	54.63	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	109.26%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	9341	2.10	ug/L	99
3) Chloromethane	1.243	50	8785	2.29	ug/L	97
5) Vinyl chloride	1.310	62	9480	2.28	ug/L #	78
6) Bromomethane	1.526	94	6546	2.40	ug/L	95
8) Chloroethane	1.587	64	5661	2.23	ug/L	97
9) Trichlorofluoromethane	1.754	101	13463	2.17	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	9293	2.73	ug/L #	81
12) 1,1-Dichloroethene	2.121	96	8601	2.71	ug/L #	1
13) Acetone	2.178	43	7842	5.23	ug/L	100
14) Carbon disulfide	2.297	76	17371	2.09	ug/L	99
15) Methyl Acetate	2.442	43	6441	2.06	ug/L	97
16) Methylene chloride	2.510	84	8808	2.44	ug/L	94
17) trans-1,2-Dichloroethene	2.764	96	7460	2.25	ug/L	88
18) Methyl tert-butyl Ether	2.773	73	20000	2.00	ug/L	99
19) 1,1-Dichloroethane	3.194	63	12899	2.14	ug/L	99
20) cis-1,2-Dichloroethene	3.921	96	7773	2.12	ug/L	87
22) 2-Butanone	3.995	43	8434m	3.96	ug/L	
23) Bromochloromethane	4.262	128	4331	2.19	ug/L #	85
25) Chloroform	4.381	83	25204	3.82	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.149	62	10468	2.14	ug/L	99
29) Cyclohexane	4.683	56	8821	1.85	ug/L	86
30) 1,1,1-Trichloroethane	4.612	97	12305	2.18	ug/L #	71
31) Carbon tetrachloride	4.834	117	9978	2.03	ug/L	95
33) Benzene	5.104	78	27821	2.06	ug/L	100
34) Trichloroethene	5.921	95	9292	2.37	ug/L	97
35) Methylcyclohexane	6.136	83	11157	2.12	ug/L	94
37) 1,2-Dichloropropane	6.188	63	7858	2.29	ug/L #	97
38) Bromodichloromethane	6.519	83	9697	2.06	ug/L #	93
39) cis-1,3-Dichloropropene	7.040	75	10850	2.08	ug/L	93
40) 4-Methyl-2-pentanone	7.236	43	16188	3.81	ug/L	96
42) Toluene	7.397	91	31881	2.16	ug/L	97
44) trans-1,3-Dichloropropene	7.661	75	10334	2.03	ug/L	98
45) 1,1,2-Trichloroethane	7.847	97	7603	2.11	ug/L	98
46) Tetrachloroethene	7.985	164	7037	2.23	ug/L	97
48) 2-Hexanone	8.146	43	28122	8.57	ug/L	92
49) Dibromochloromethane	8.252	129	8037	2.07	ug/L	93
50) 1,2-Dibromoethane	8.361	107	8185	2.14	ug/L	97
51) Chlorobenzene	8.889	112	21645	2.10	ug/L	97
52) Ethylbenzene	9.021	91	32441	1.98	ug/L	97
53) m,p-Xylene	9.149	106	12237	1.96	ug/L	92
54) o-Xylene	9.551	106	10832	1.76	ug/L	99
55) Styrene	9.570	104	18180	1.72	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.246	83	12072	2.28	ug/L #	95
59) Bromoform	9.741	173	5079	1.97	ug/L	99
60) Isopropylbenzene	9.937	105	29278	1.94	ug/L	99
61) 1,2,3-Trichloropropane	10.281	75	10217	2.36	ug/L	99
62) 1,3,5-Trimethylbenzene	10.548	105	22557	1.82	ug/L	99
63) 1,2,4-Trimethylbenzene	10.921	105	22592	1.78	ug/L	100
64) 1,3-Dichlorobenzene	11.191	146	16637	2.09	ug/L	97
65) 1,4-Dichlorobenzene	11.278	146	18231	2.21	ug/L	97
67) 1,2-Dichlorobenzene	11.651	146	18856	2.38	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.435	75	1812	1.80	ug/L	96
69) 1,3,5-Trichlorobenzene	12.654	180	13274	2.14	ug/L	98
70) 1,2,4-trichlorobenzene	13.271	180	9995	1.86	ug/L	96
71) Naphthalene	13.516	128	21888	1.47	ug/L	99
72) 1,2,3-Trichlorobenzene	13.757	180	10164	1.88	ug/L	99

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

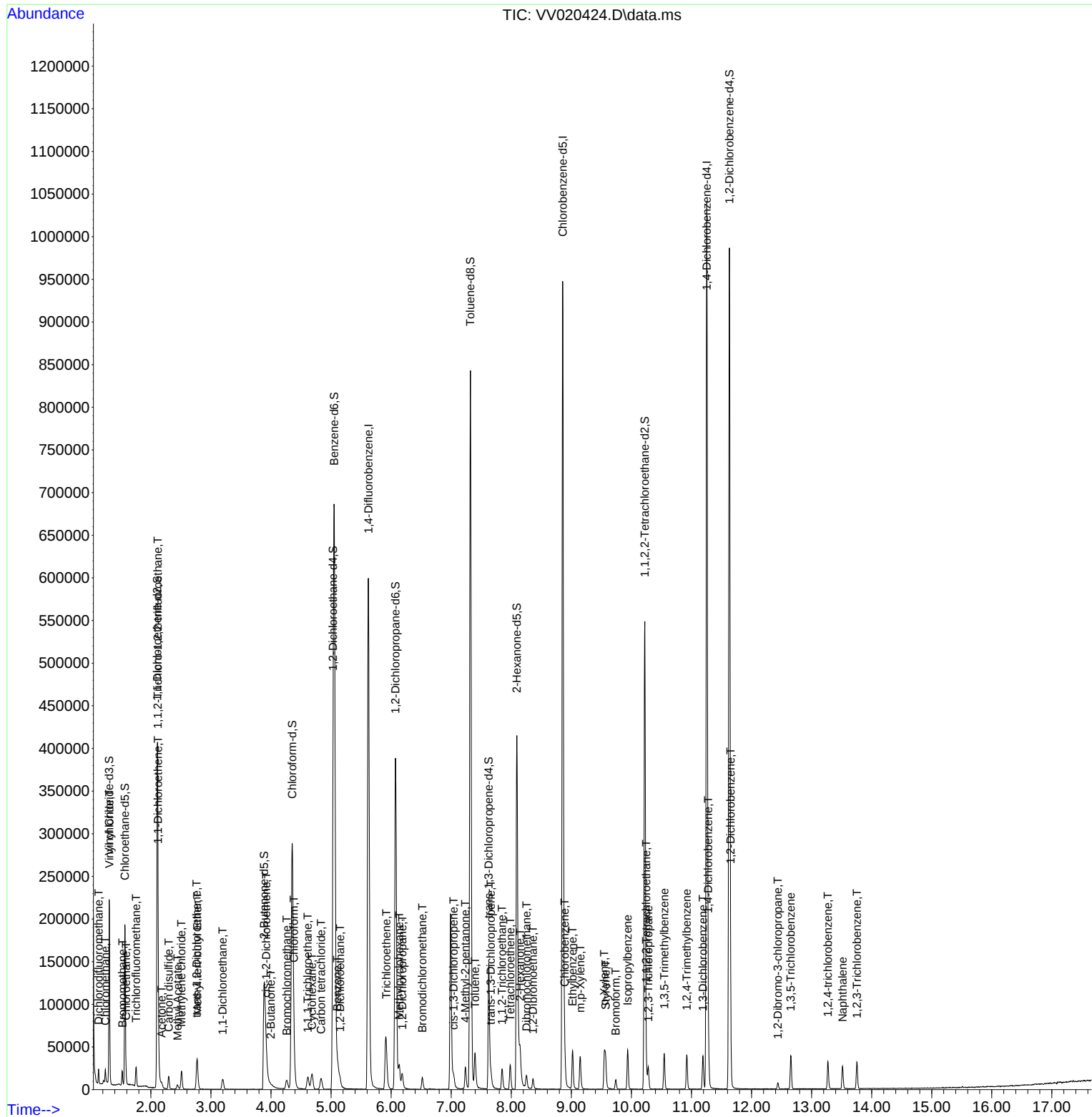
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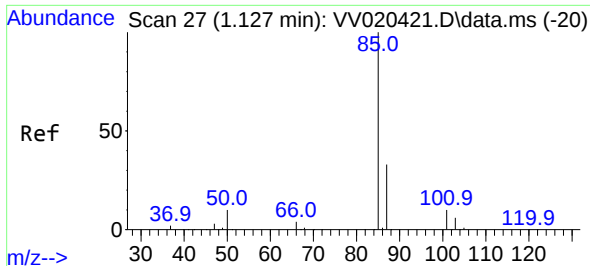
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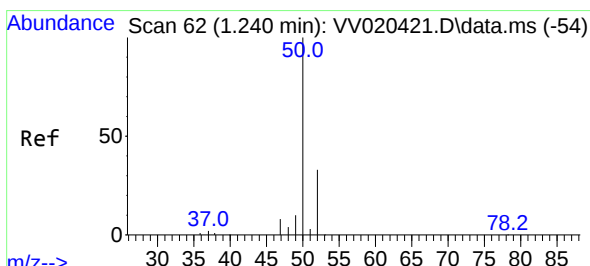
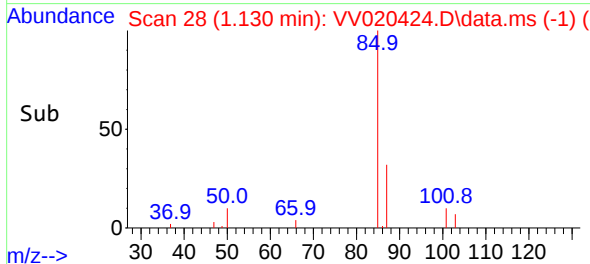
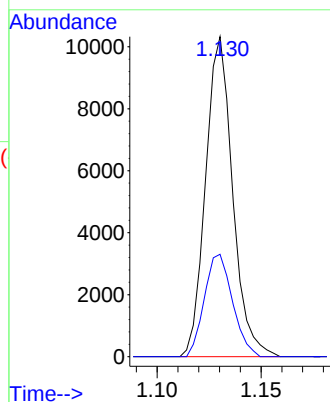
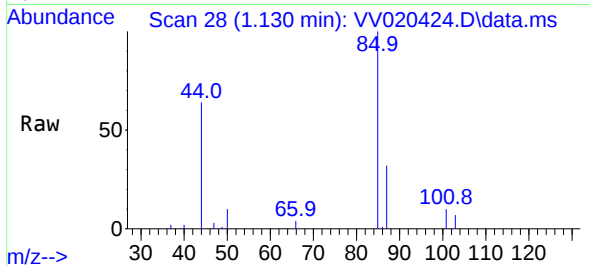
#2
Dichlorodifluoromethane
Concen: 2.10 ug/L
RT: 1.130 min Scan# 28
Delta R.T. 0.003 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-04

Tgt Ion: 85 Resp: 9341
Ion Ratio Lower Upper
85 100
87 33.2 26.2 39.2

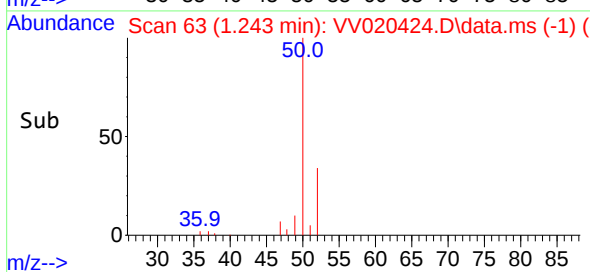
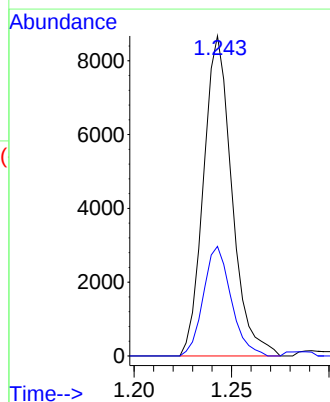
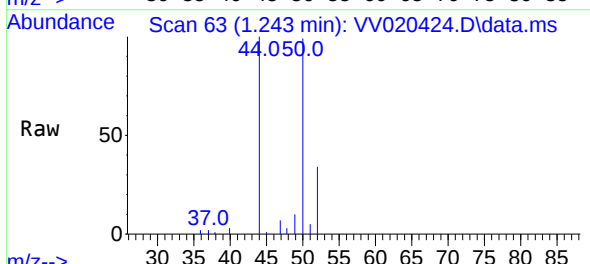
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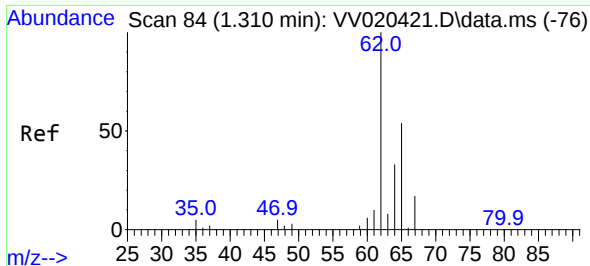
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#3
Chloromethane
Concen: 2.29 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.003 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion: 50 Resp: 8785
Ion Ratio Lower Upper
50 100
52 34.3 22.9 42.5





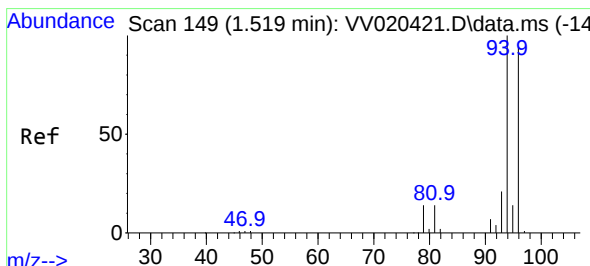
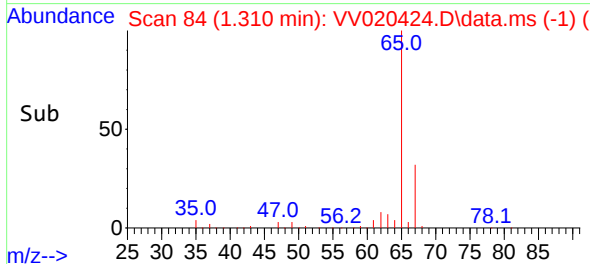
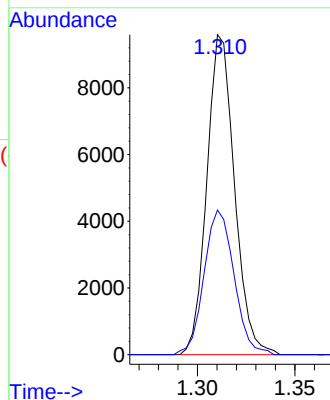
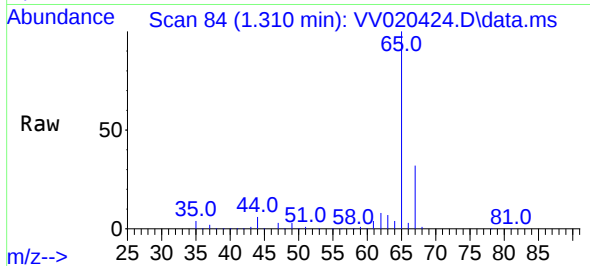
#5
 Vinyl chloride
 Concen: 2.28 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV020424.D
 Acq: 01 Mar 2021 13:33

Tgt Ion: 62 Resp: 9480
 Ion Ratio Lower Upper
 62 100
 64 45.2 23.1 42.9#

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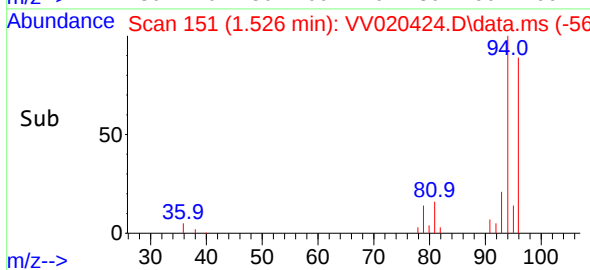
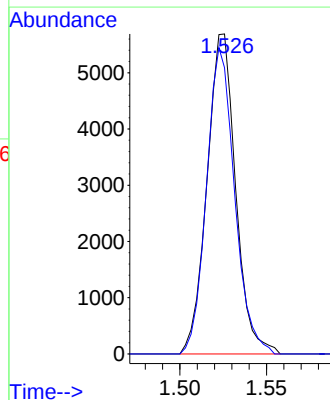
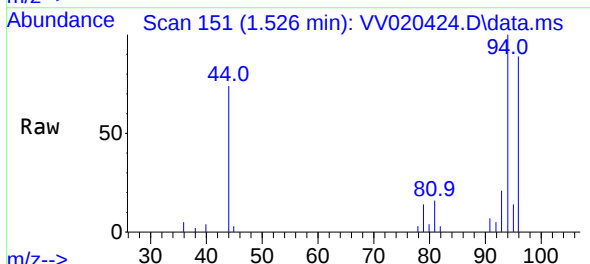
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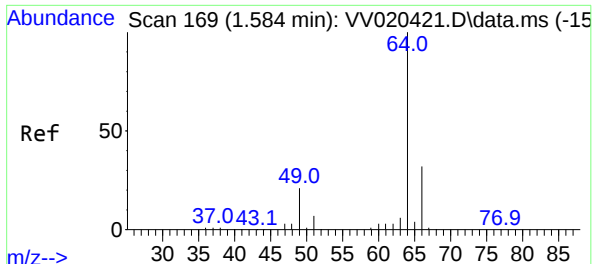
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#6
 Bromomethane
 Concen: 2.40 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.006 min
 Lab File: VV020424.D
 Acq: 01 Mar 2021 13:33

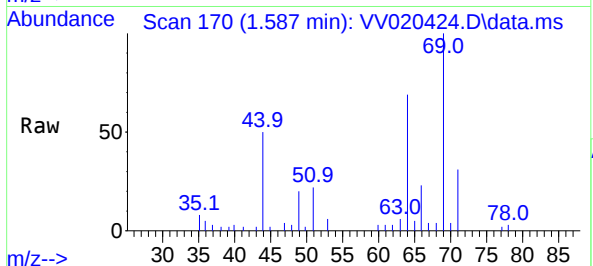
Tgt Ion: 94 Resp: 6546
 Ion Ratio Lower Upper
 94 100
 96 89.4 65.9 122.5





#8
Chloroethane
Concen: 2.23 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.003 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

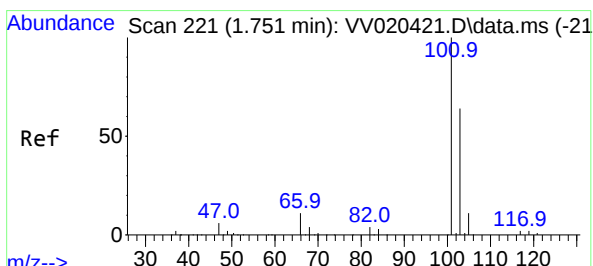
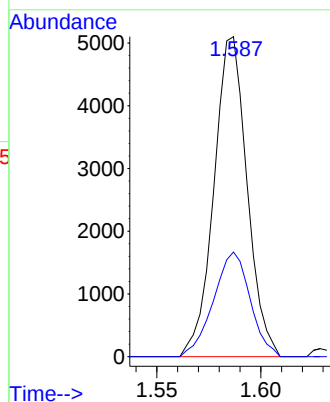
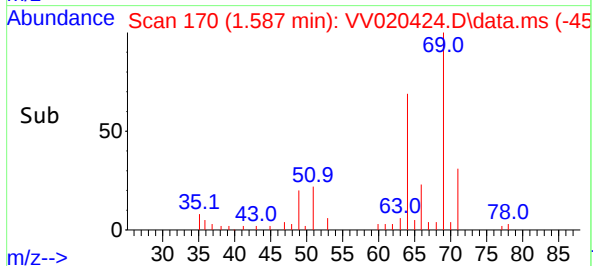
Instrument :
MSVOA_V
ClientSampleId :
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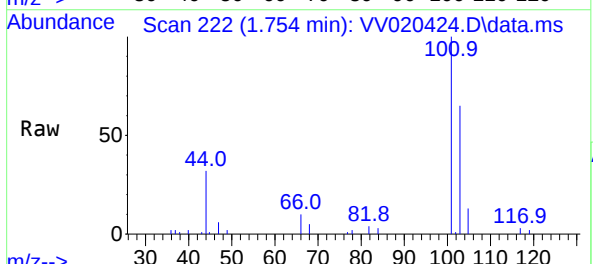
Tgt Ion: 64 Resp: 5661
Ion Ratio Lower Upper
64 100
66 32.7 21.8 40.4

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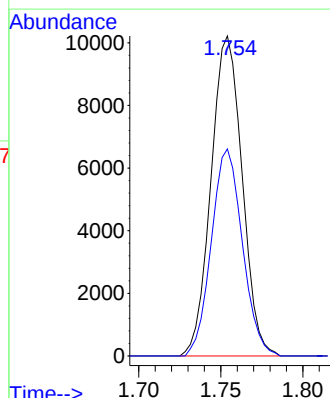
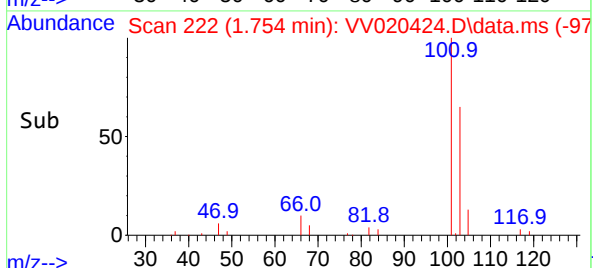
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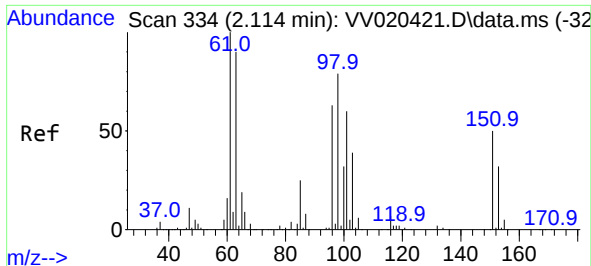


#9
Trichlorofluoromethane
Concen: 2.17 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33



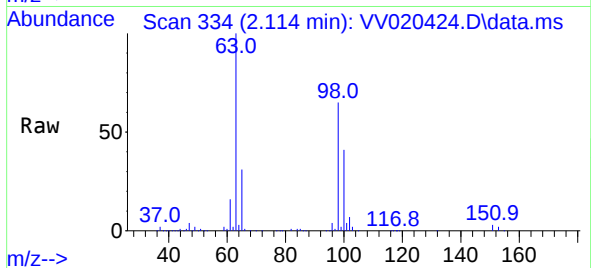
Tgt Ion: 101 Resp: 13463
Ion Ratio Lower Upper
101 100
103 64.5 51.8 77.6





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.73 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV020424.D
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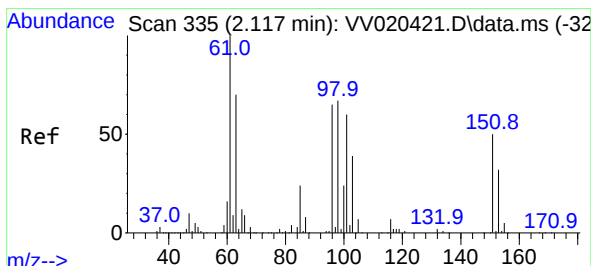
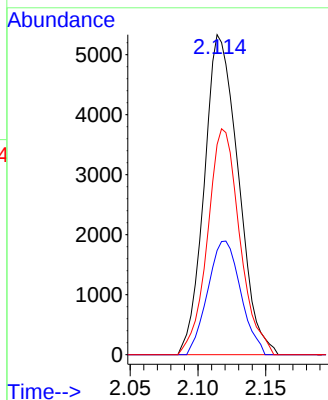
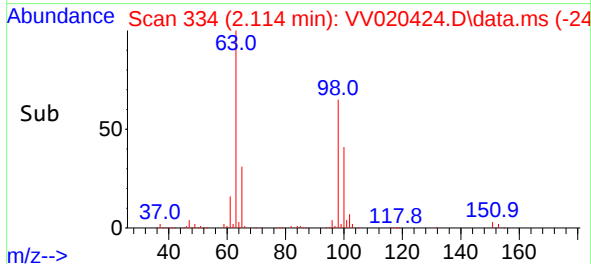
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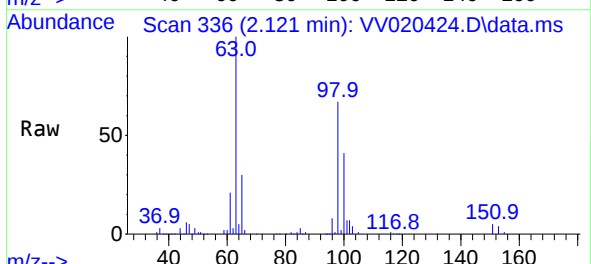
Tgt Ion:101 Resp: 9293
Ion Ratio Lower Upper
101 100
85 34.4 32.4 48.6
151 66.8 71.0 106.6#

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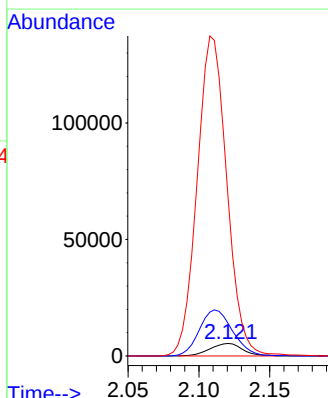
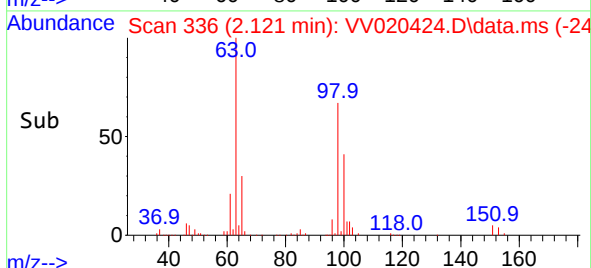
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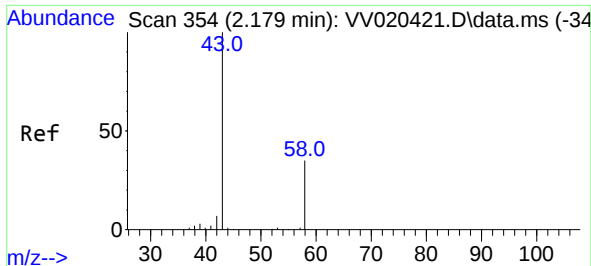


#12
1,1-Dichloroethene
Concen: 2.71 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

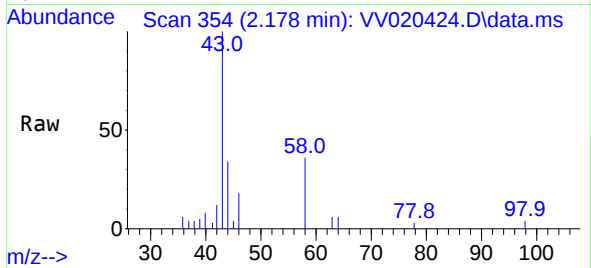


Tgt Ion: 96 Resp: 8601
Ion Ratio Lower Upper
96 100
61 260.6 110.9 206.1#
63 1262.0 82.1 152.5#

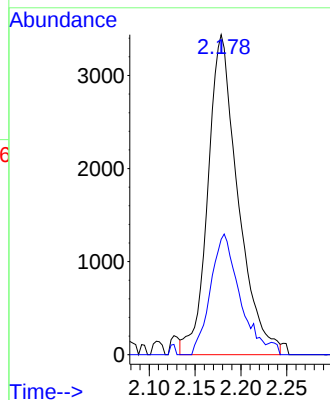
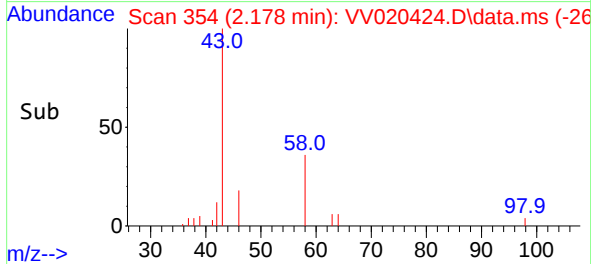




#13
Acetone
Concen: 5.23 ug/L
RT: 2.178 min Scan# 354
Delta R.T. -0.000 min
Lab File: VV020424.D
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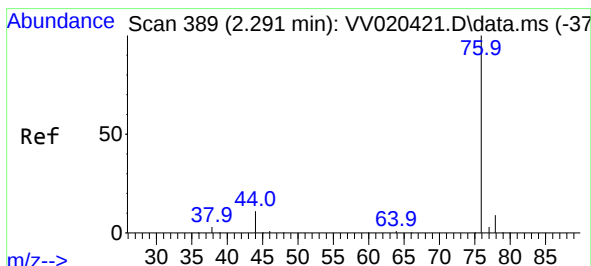
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Ion Ratio Lower Upper
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58 33.7 0.0 68.0



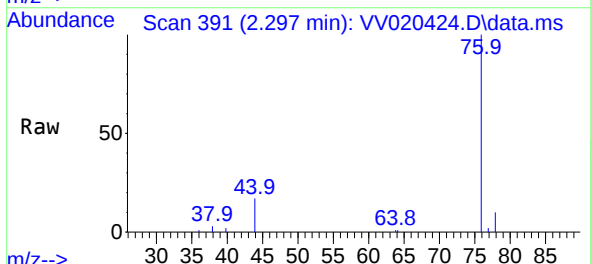
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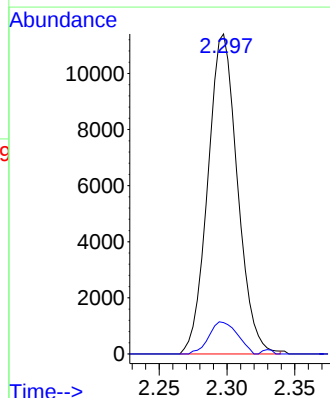
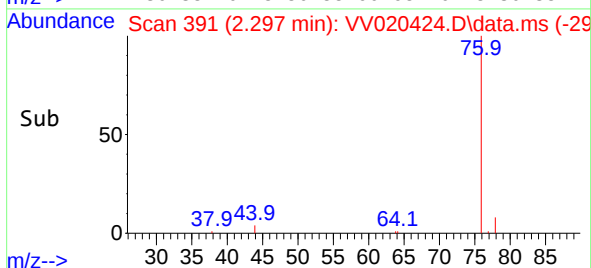
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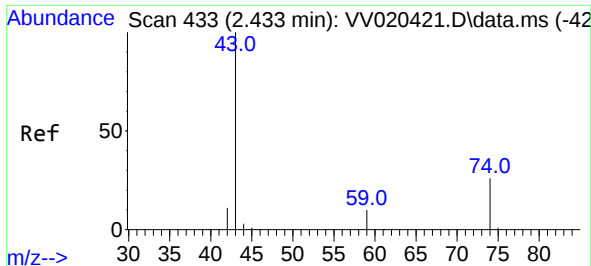


#14
Carbon disulfide
Concen: 2.09 ug/L
RT: 2.297 min Scan# 391
Delta R.T. 0.006 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33



Tgt Ion: 76 Resp: 17371
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.2





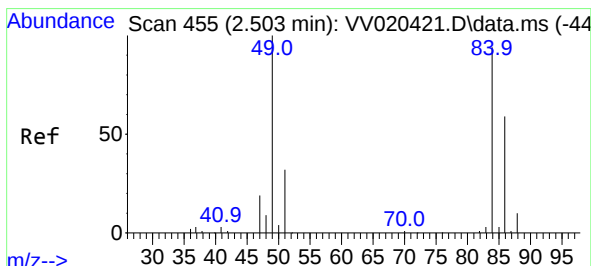
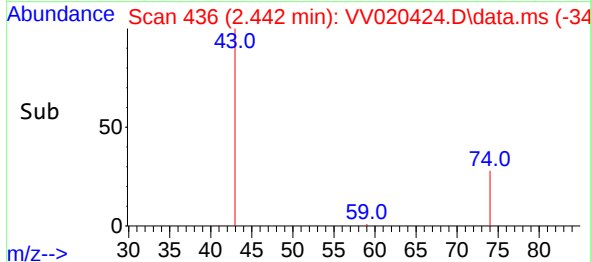
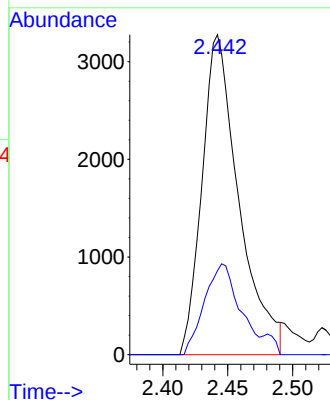
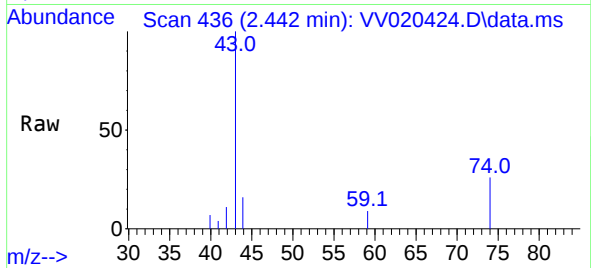
#15
Methyl Acetate
Concen: 2.06 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.009 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion: 43 Resp: 6441
Ion Ratio Lower Upper
43 100
74 27.2 20.6 30.8

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-04

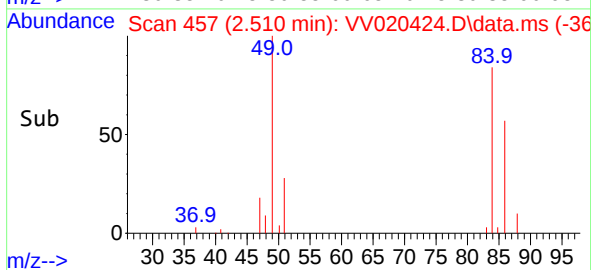
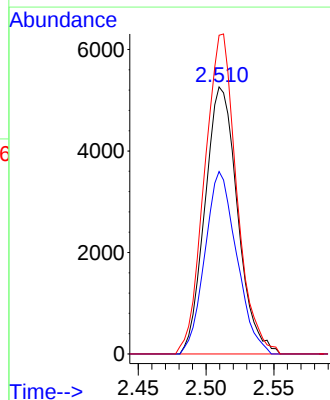
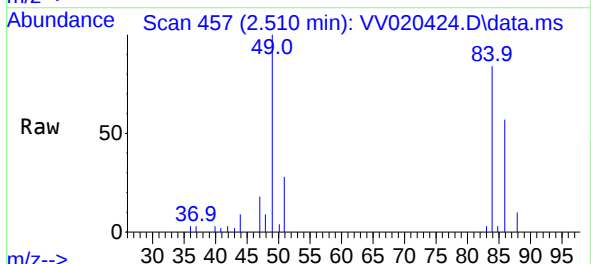
Manual Integrations
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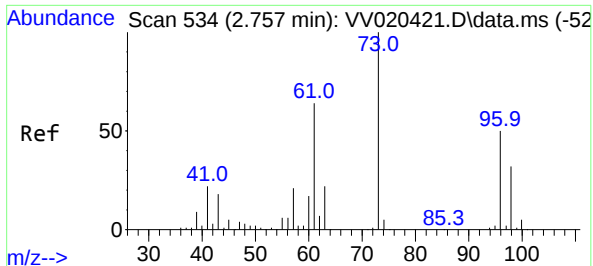
MMDadoda
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#16
Methylene chloride
Concen: 2.44 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.006 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion: 84 Resp: 8808
Ion Ratio Lower Upper
84 100
86 68.3 44.8 83.2
49 119.4 78.5 145.7





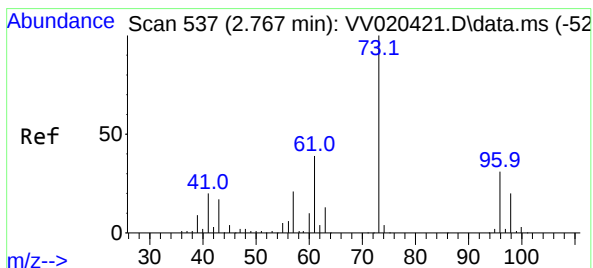
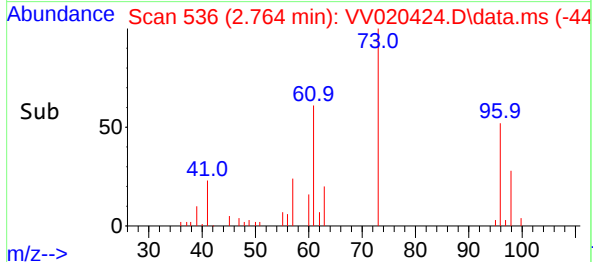
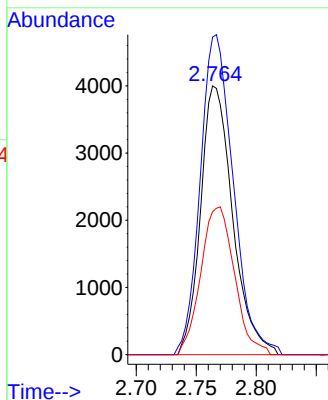
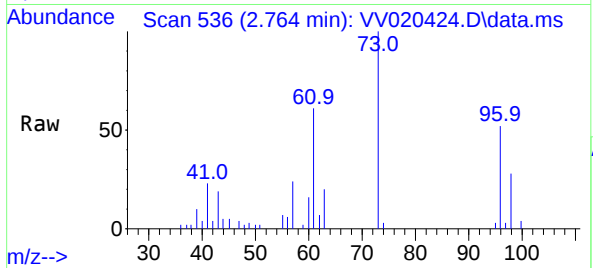
#17
trans-1,2-Dichloroethene
Concen: 2.25 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.006 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion: 96 Resp: 7460
Ion Ratio Lower Upper
96 100
61 118.2 92.0 170.9
98 53.2 44.2 82.2

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-04

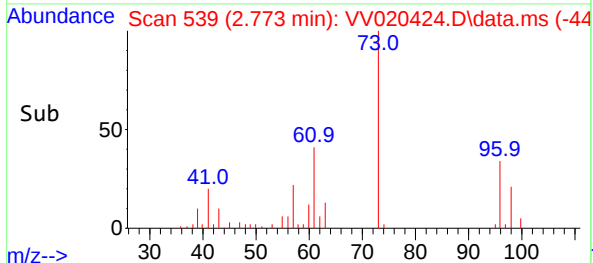
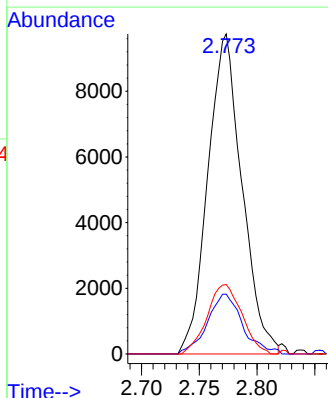
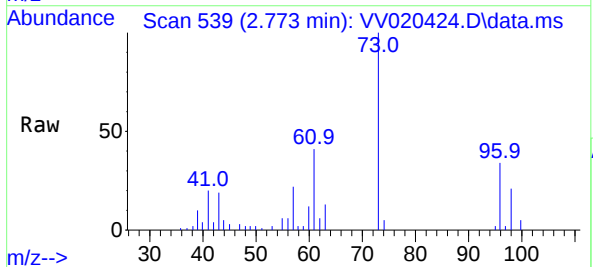
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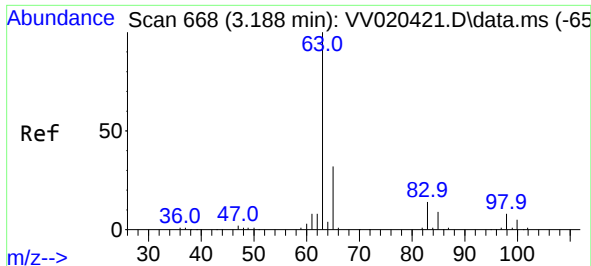
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#18
Methyl tert-butyl Ether
Concen: 2.00 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.006 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion: 73 Resp: 20000
Ion Ratio Lower Upper
73 100
43 19.0 15.0 22.6
57 22.1 17.2 25.8





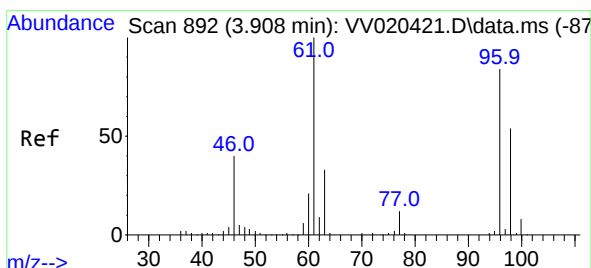
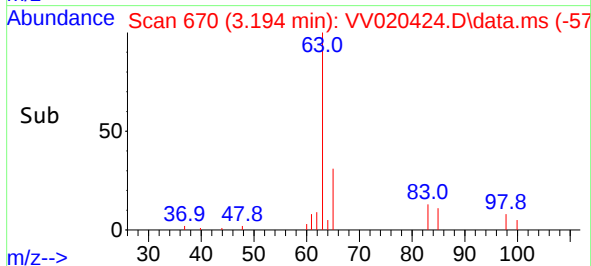
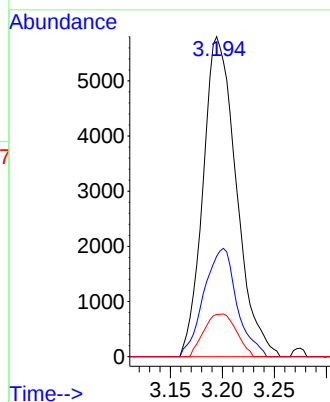
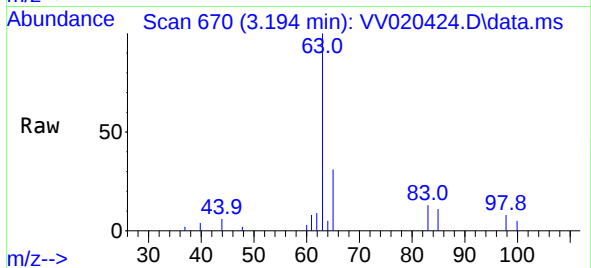
#19
1,1-Dichloroethane
Concen: 2.14 ug/L
RT: 3.194 min Scan# 670
Delta R.T. 0.006 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion:	63	Resp:	12899
Ion	Ratio	Lower	Upper
63	100		
65	31.4	21.8	40.4
83	13.2	9.4	17.4

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-04

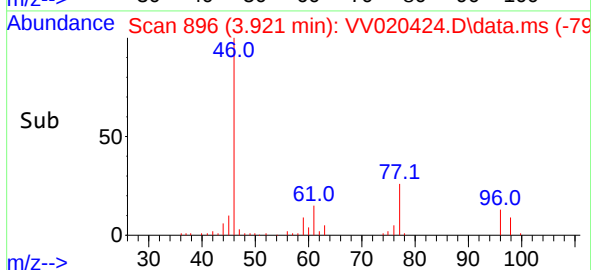
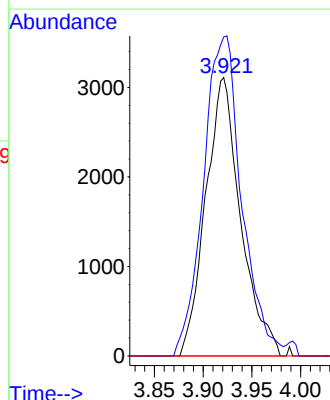
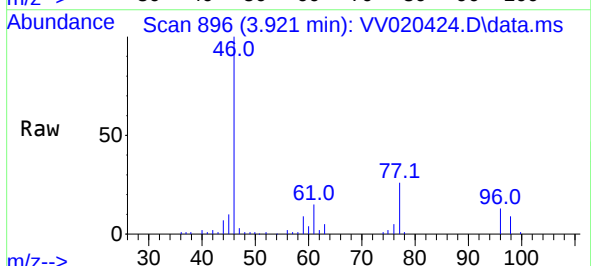
Manual Integrations
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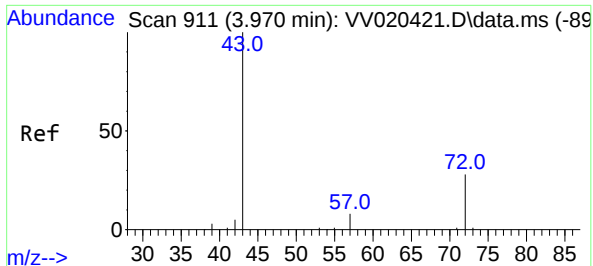
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#20
cis-1,2-Dichloroethene
Concen: 2.12 ug/L
RT: 3.921 min Scan# 896
Delta R.T. 0.013 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion:	96	Resp:	7773
Ion	Ratio	Lower	Upper
96	100		
61	114.6	90.6	168.3
68	0.0	0.0	0.0





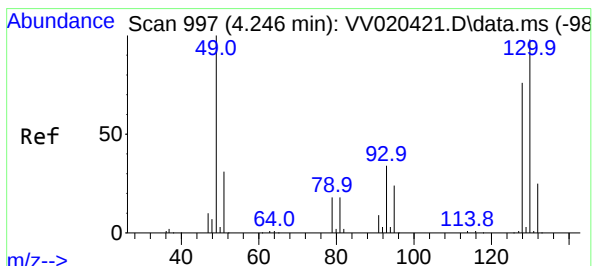
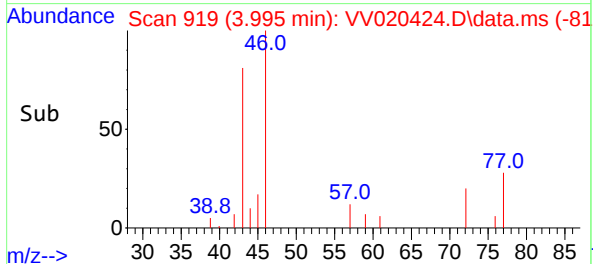
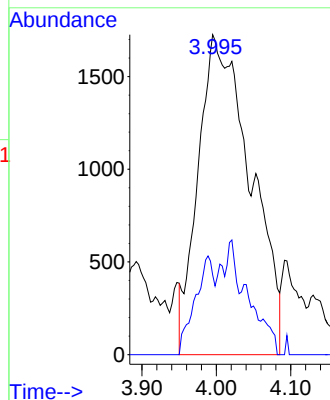
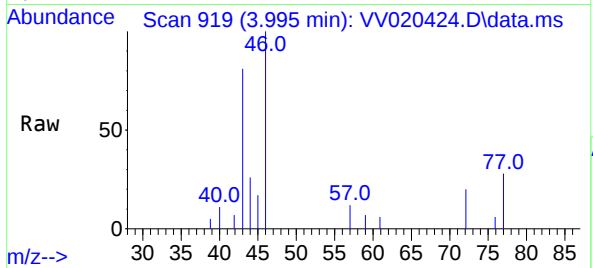
#22
2-Butanone
Concen: 3.96 ug/L m
RT: 3.995 min Scan# 919
Delta R.T. 0.026 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion: 43 Resp: 8434
Ion Ratio Lower Upper
43 100
72 11.2 12.7 38.1#

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-04

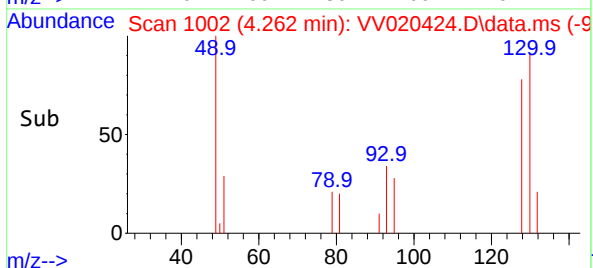
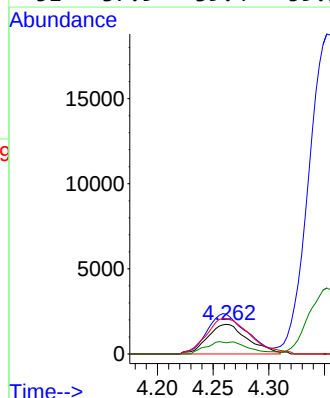
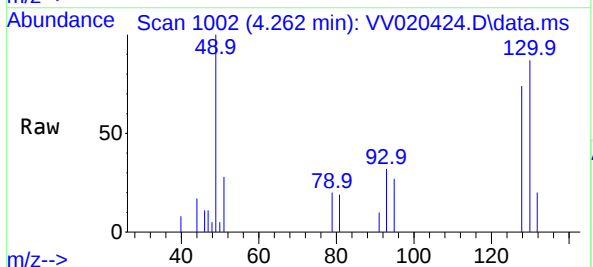
Manual Integrations
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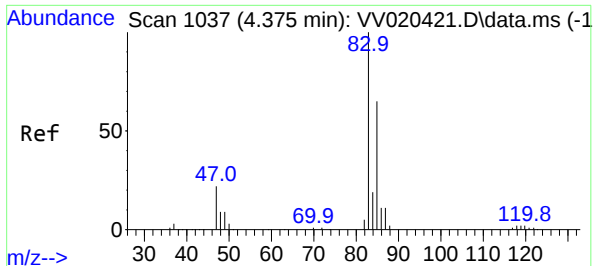
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#23
Bromochloromethane
Concen: 2.19 ug/L
RT: 4.262 min Scan# 1002
Delta R.T. 0.016 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion: 128 Resp: 4331
Ion Ratio Lower Upper
128 100
49 134.6 109.8 203.8
130 117.3 92.8 172.4
51 37.9 39.4 59.2#





#25

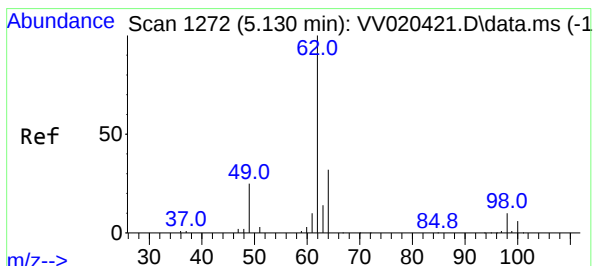
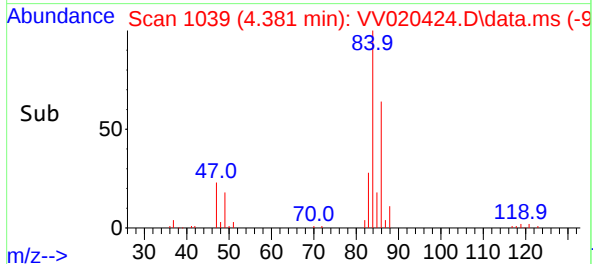
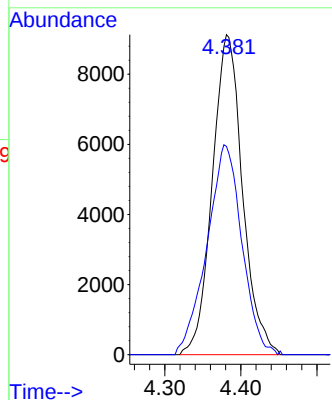
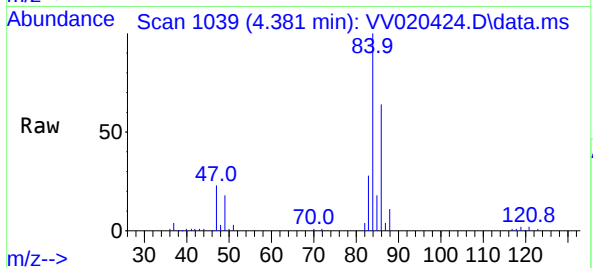
Chloroform
Concen: 3.82 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion: 83 Resp: 25204
Ion Ratio Lower Upper
83 100
85 65.1 44.6 82.8

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-04

Manual Integrations
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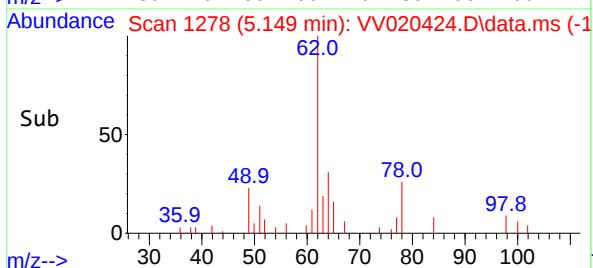
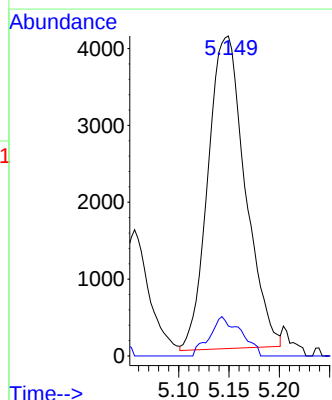
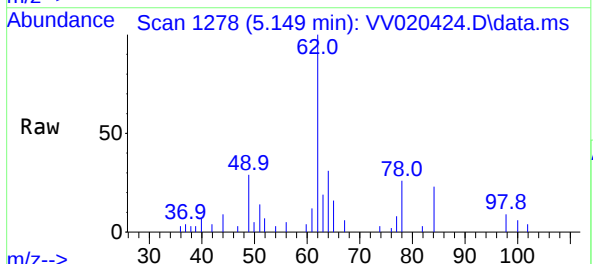
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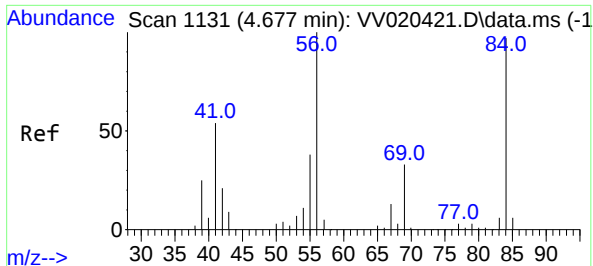


#27

1,2-Dichloroethane
Concen: 2.14 ug/L
RT: 5.149 min Scan# 1278
Delta R.T. 0.019 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion: 62 Resp: 10468
Ion Ratio Lower Upper
62 100
98 9.4 7.8 11.6





#29

Cyclohexane

Concen: 1.85 ug/L

RT: 4.683 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VV020424.D

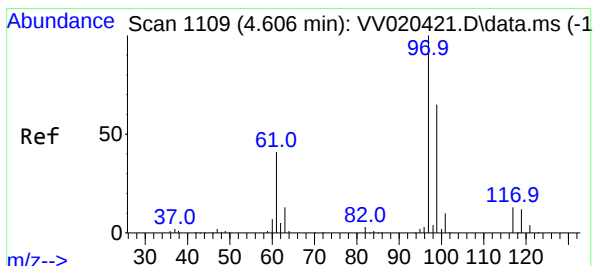
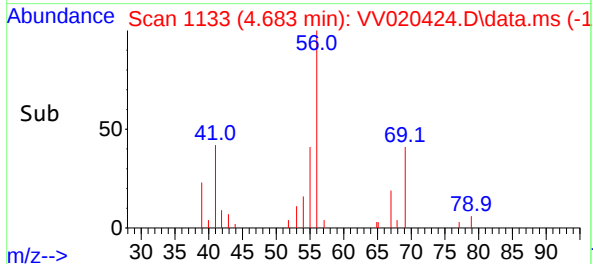
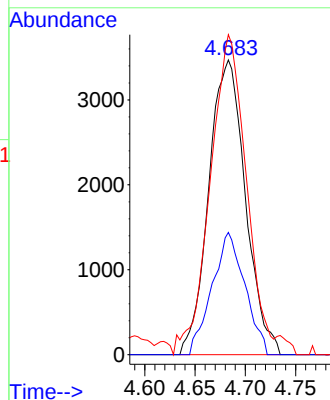
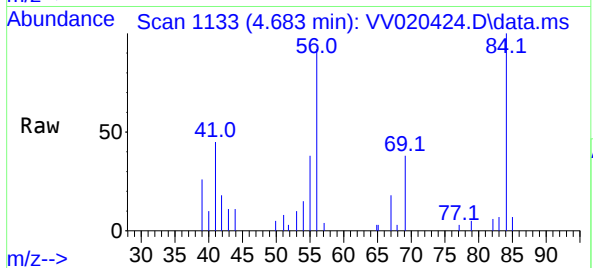
Acq: 01 Mar 2021 13:33

Tgt Ion:	56	Resp:	8821
Ion	Ratio	Lower	Upper
56	100		
69	37.0	25.1	37.7
84	102.4	70.6	106.0

Instrument :
MSVOA_V
ClientSampleId :
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Manual Integrations
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#30

1,1,1-Trichloroethane

Concen: 2.18 ug/L

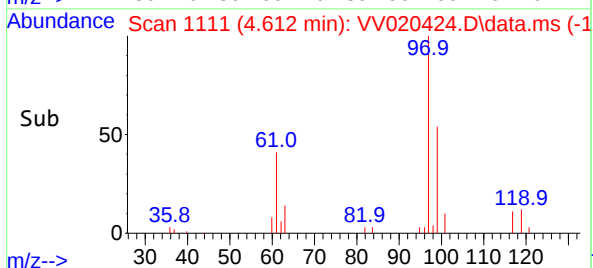
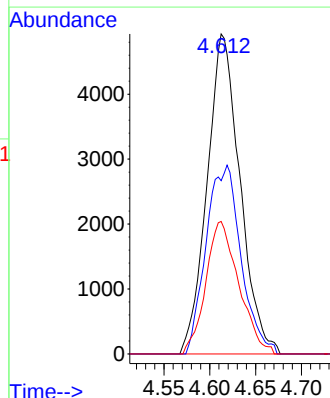
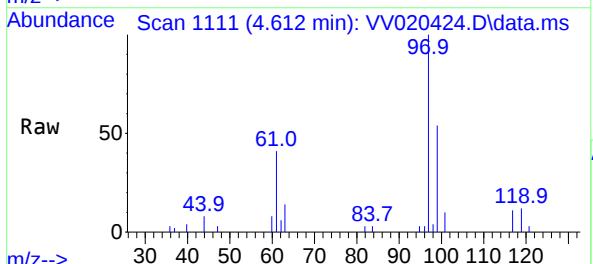
RT: 4.612 min Scan# 1111

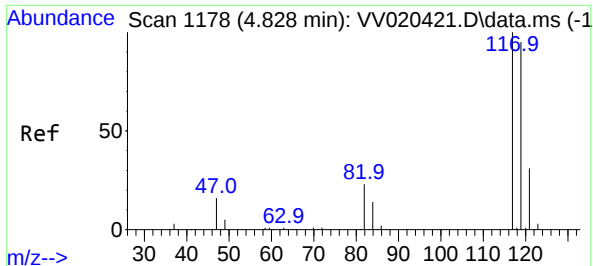
Delta R.T. 0.006 min

Lab File: VV020424.D

Acq: 01 Mar 2021 13:33

Tgt Ion:	97	Resp:	12305
Ion	Ratio	Lower	Upper
97	100		
99	29.5	51.9	77.9#
61	41.4	35.4	53.2





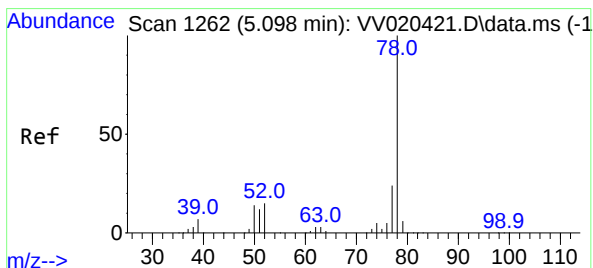
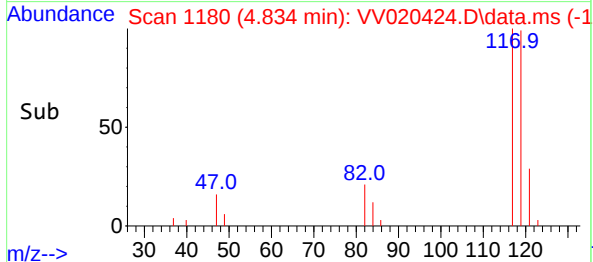
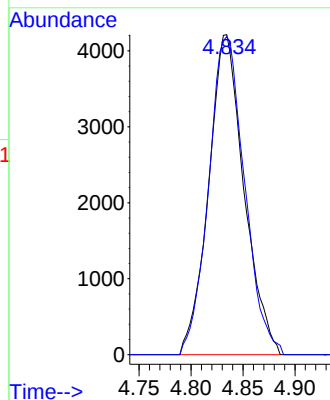
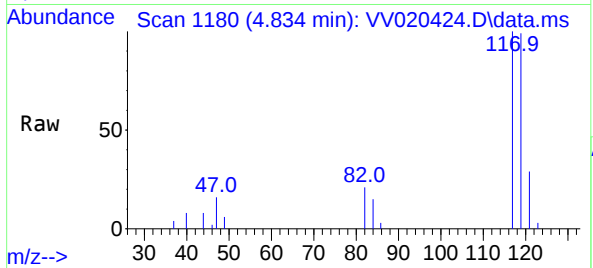
#31
Carbon tetrachloride
Concen: 2.03 ug/L
RT: 4.834 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion: 117 Resp: 9978
Ion Ratio Lower Upper
117 100
119 100.9 76.9 115.3

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-04

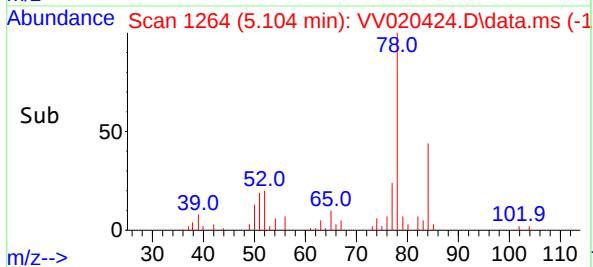
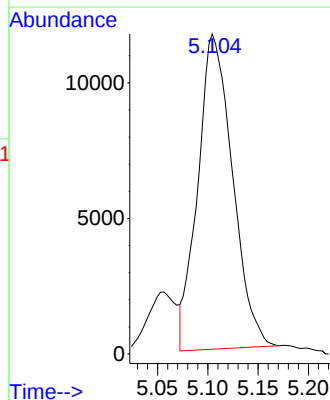
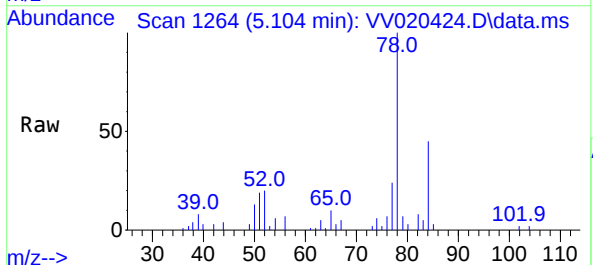
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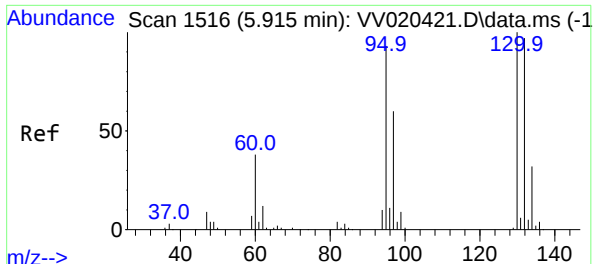
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#33
Benzene
Concen: 2.06 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion: 78 Resp: 27821





#34

Trichloroethene

Concen: 2.37 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.006 min

Lab File: VV020424.D

Acq: 01 Mar 2021 13:33

Tgt Ion: 95 Resp: 9292

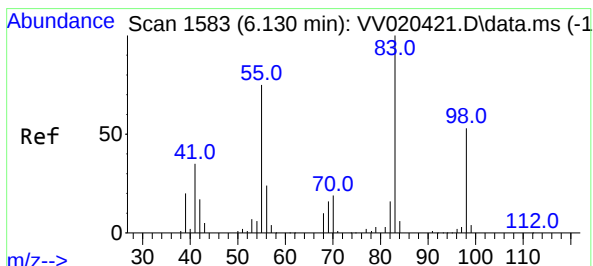
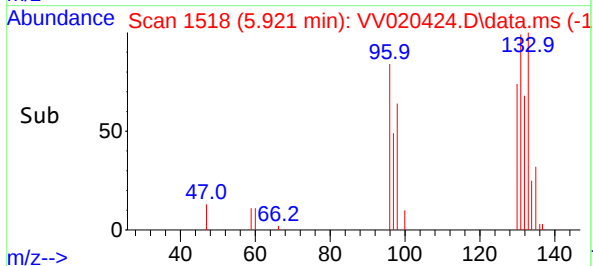
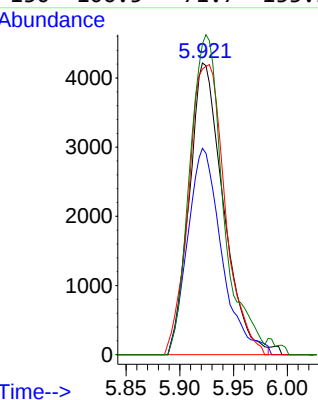
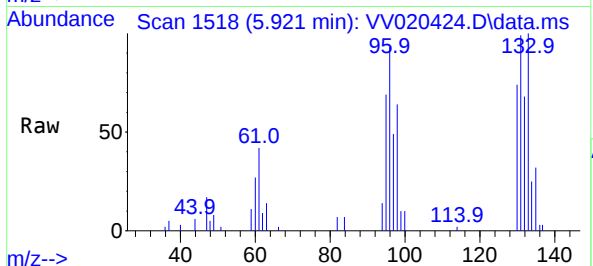
Ion Ratio Lower Upper

95 100

97 70.8 45.4 84.4

132 97.9 68.7 127.7

130 106.5 71.7 133.1



#35

Methylcyclohexane

Concen: 2.12 ug/L

RT: 6.136 min Scan# 1585

Delta R.T. 0.006 min

Lab File: VV020424.D

Acq: 01 Mar 2021 13:33

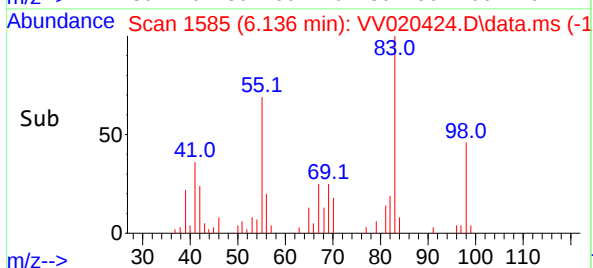
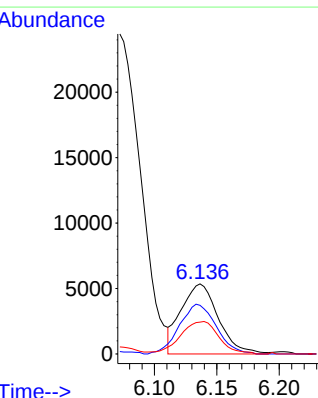
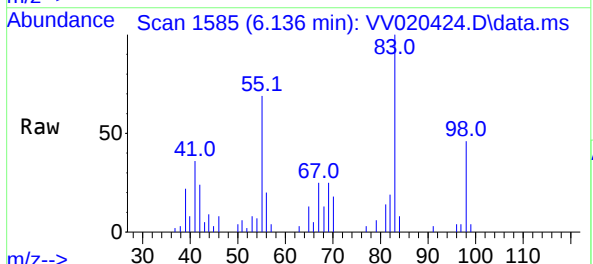
Tgt Ion: 83 Resp: 11157

Ion Ratio Lower Upper

83 100

55 70.0 61.4 92.0

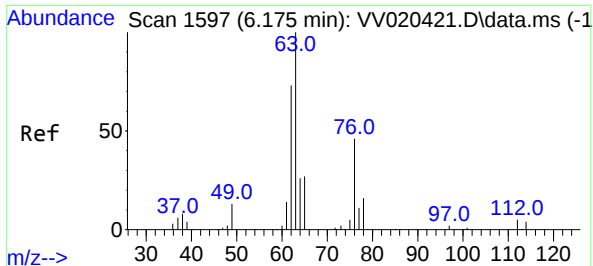
98 47.5 39.9 59.9



Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-04

Manual Integrations
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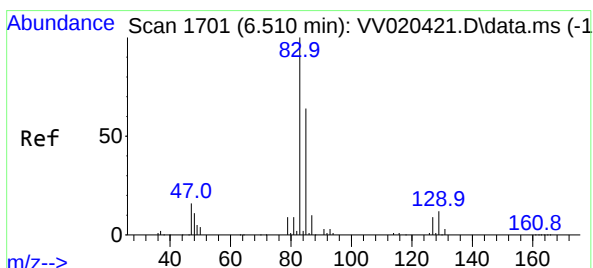
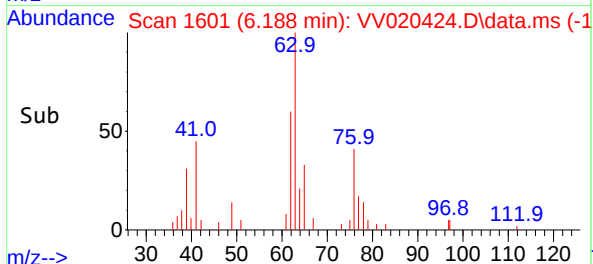
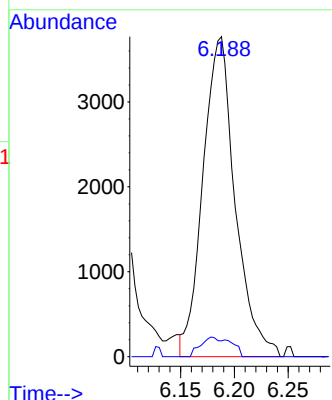
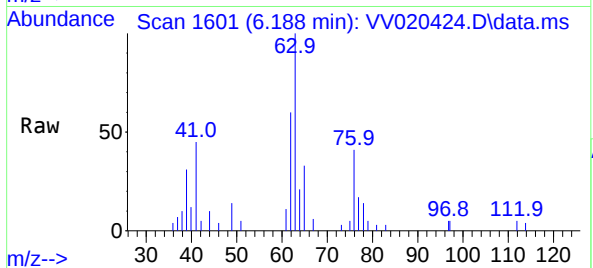
#37
1,2-Dichloropropane
Concen: 2.29 ug/L
RT: 6.188 min Scan# 1601
Delta R.T. 0.013 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion: 63 Resp: 7858
Ion Ratio Lower Upper
63 100
112 3.8 3.9 5.9#

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-04

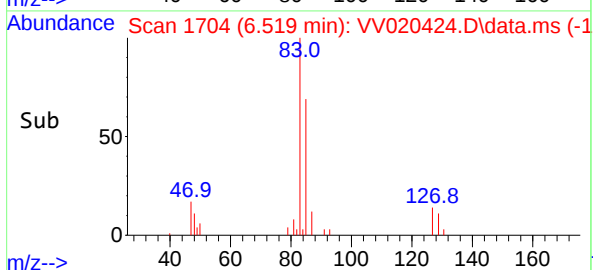
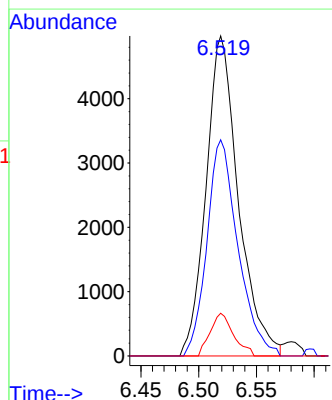
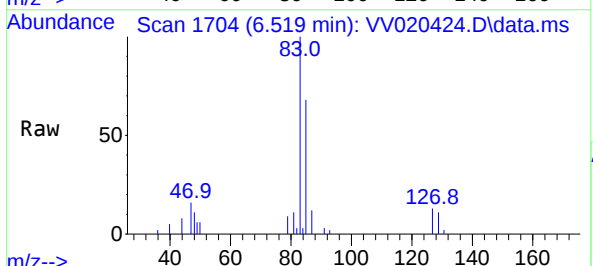
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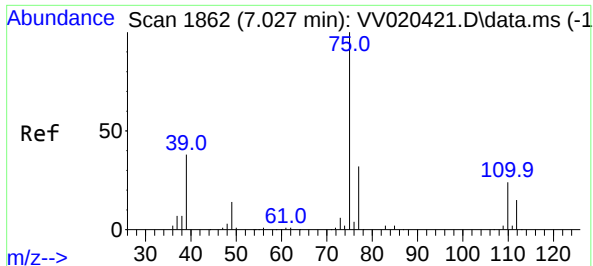
MMDadoda
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#38
Bromodichloromethane
Concen: 2.06 ug/L
RT: 6.519 min Scan# 1704
Delta R.T. 0.010 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion: 83 Resp: 9697
Ion Ratio Lower Upper
83 100
85 67.6 44.2 82.2
127 13.3 6.8 10.2#





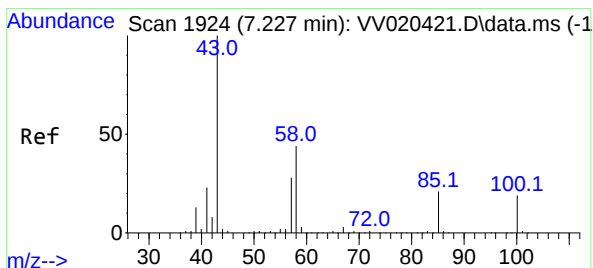
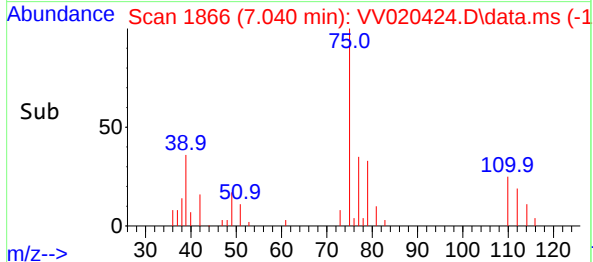
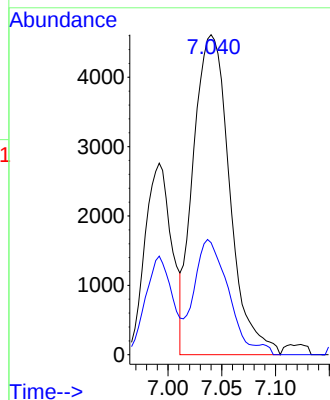
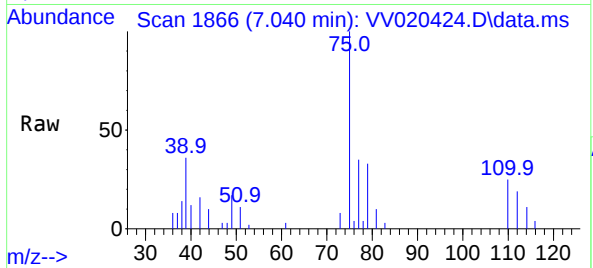
#39
cis-1,3-Dichloropropene
Concen: 2.08 ug/L
RT: 7.040 min Scan# 1866
Delta R.T. 0.013 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion: 75 Resp: 10850
Ion Ratio Lower Upper
75 100
77 35.0 21.8 40.6

Instrument :
MSVOA_V
ClientSampleId :
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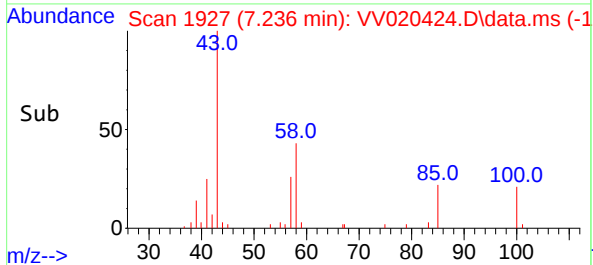
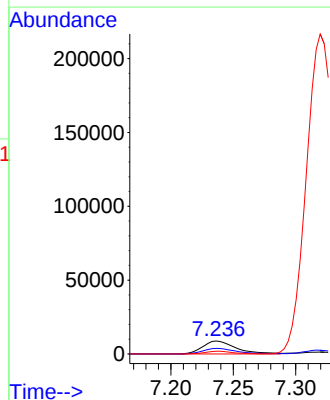
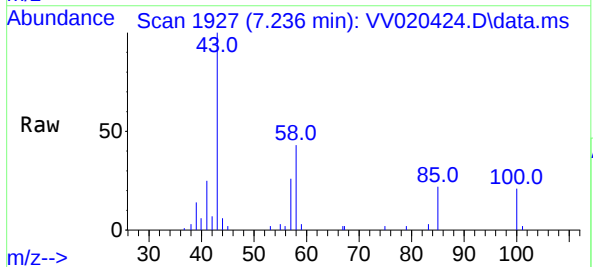
Manual Integrations
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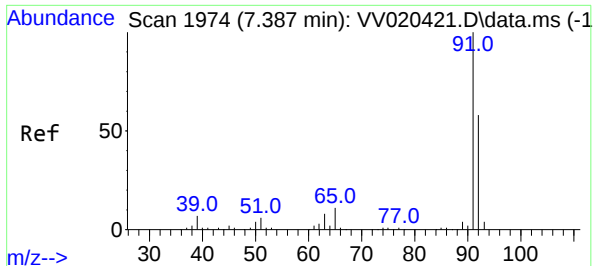
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#40
4-Methyl-2-pentanone
Concen: 3.81 ug/L
RT: 7.236 min Scan# 1927
Delta R.T. 0.010 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion: 43 Resp: 16188
Ion Ratio Lower Upper
43 100
58 42.6 32.1 48.1
100 18.0 13.4 20.0





#42

Toluene

Concen: 2.16 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.010 min

Lab File: VV020424.D

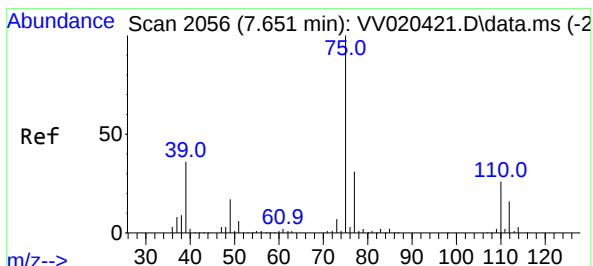
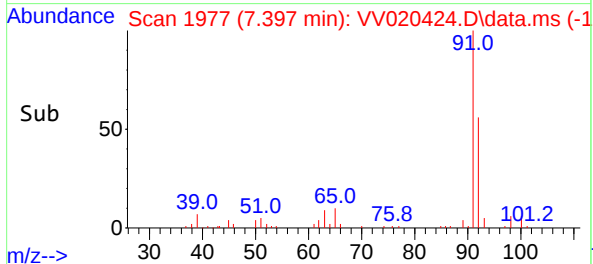
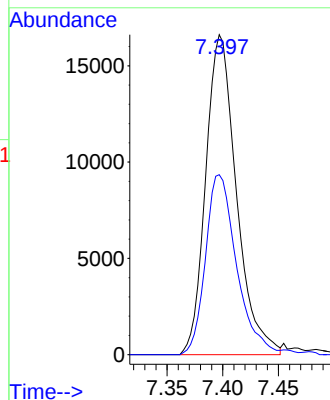
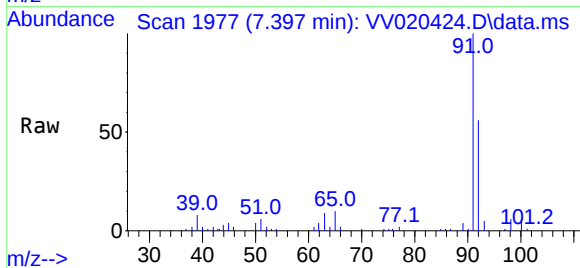
Acq: 01 Mar 2021 13:33

Tgt Ion: 91 Resp: 31881

Ion Ratio Lower Upper

91 100

92 56.2 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 2.03 ug/L

RT: 7.661 min Scan# 2059

Delta R.T. 0.010 min

Lab File: VV020424.D

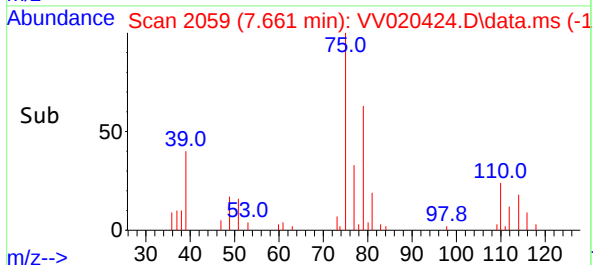
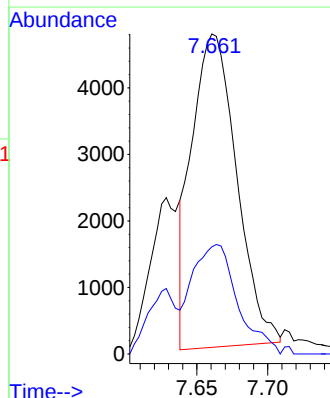
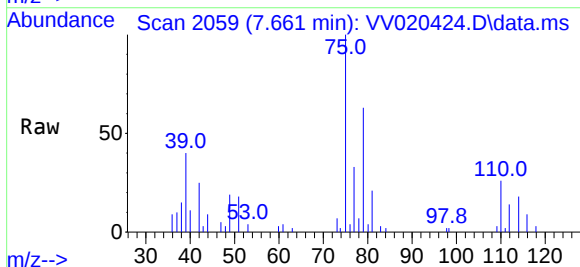
Acq: 01 Mar 2021 13:33

Tgt Ion: 75 Resp: 10334

Ion Ratio Lower Upper

75 100

77 33.5 22.5 41.7



Instrument :

MSVOA_V

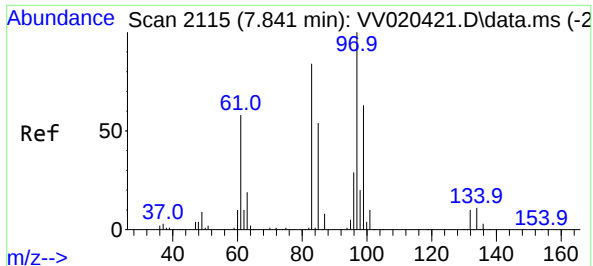
ClientSampleId :

MDL-WATER-QT2-2021-04

Manual Integrations

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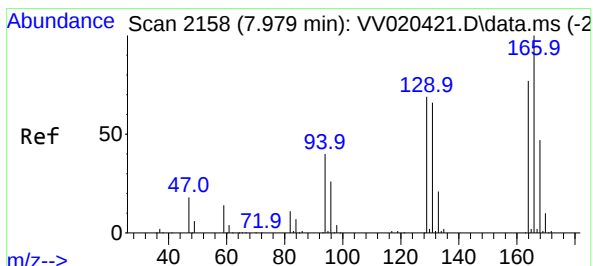
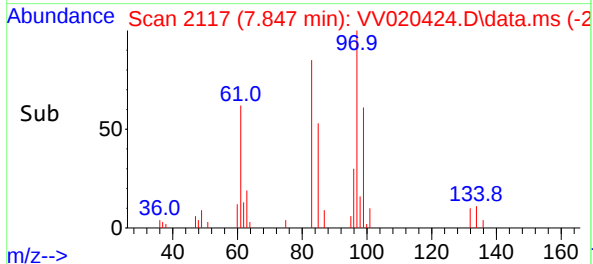
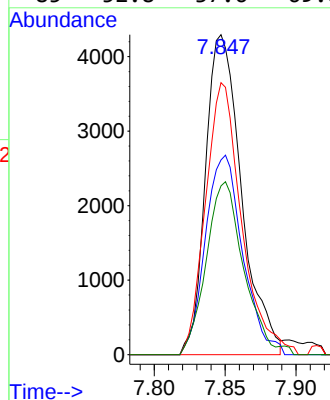
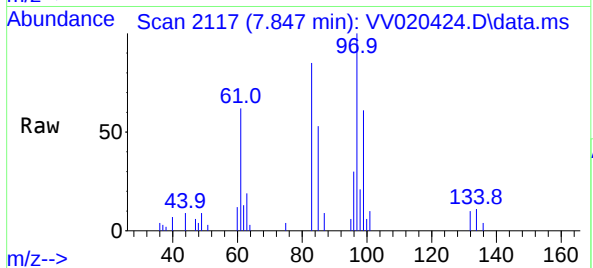
#45
1,1,2-Trichloroethane
Concen: 2.11 ug/L
RT: 7.847 min Scan# 2117
Delta R.T. 0.006 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion:	97	Resp:	7603
Ion	Ratio	Lower	Upper
97	100		
99	60.8	43.0	79.8
83	85.0	57.8	107.4
85	52.8	37.6	69.8

Instrument :
MSVOA_V
ClientSampleId :
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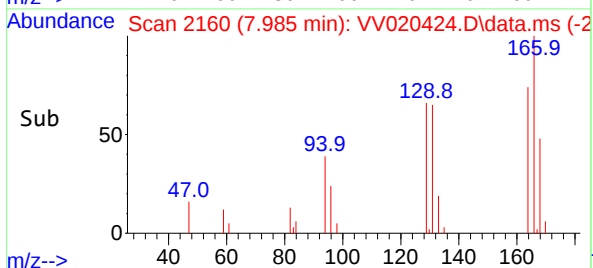
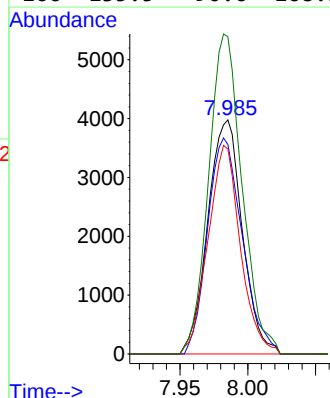
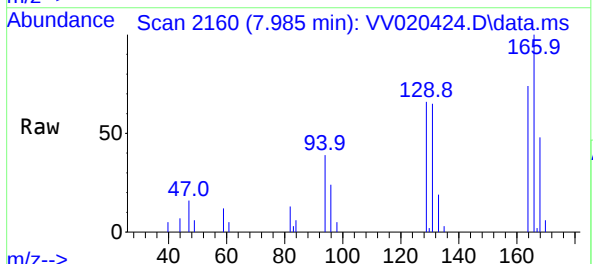
Manual Integrations
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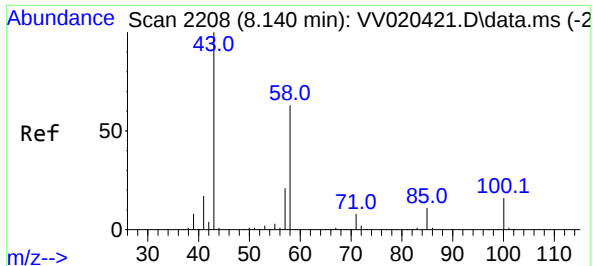
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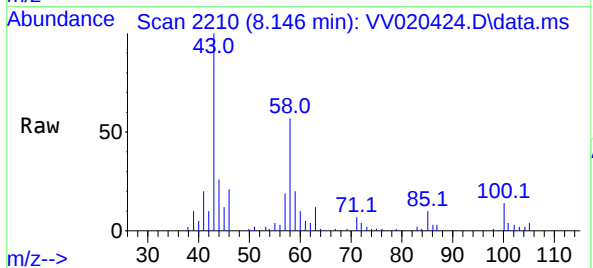
#46
Tetrachloroethene
Concen: 2.23 ug/L
RT: 7.985 min Scan# 2160
Delta R.T. 0.006 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion:	164	Resp:	7037
Ion	Ratio	Lower	Upper
164	100		
129	89.5	64.0	118.8
131	87.6	61.2	113.8
166	135.5	90.6	168.3



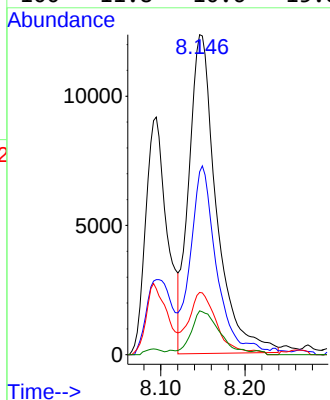


#48
2-Hexanone
Concen: 8.57 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33



Tgt Ion: 43 Resp: 28122

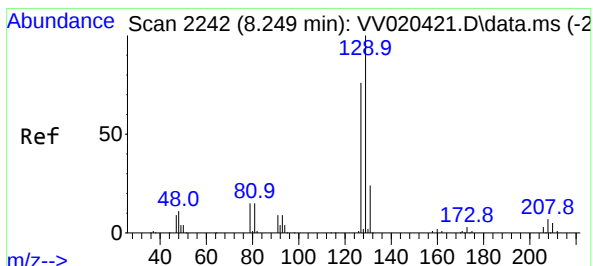
Ion	Ratio	Lower	Upper
43	100		
58	49.3	45.3	67.9
57	17.3	15.8	23.6
100	11.8	10.6	15.8



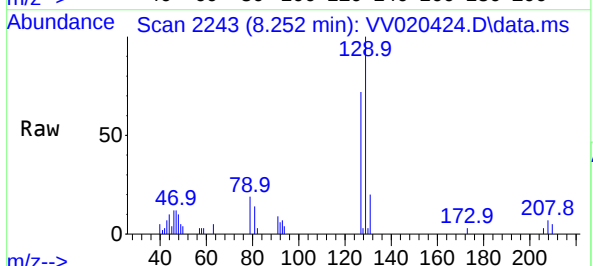
Instrument :
MSVOA_V
ClientSampleId :
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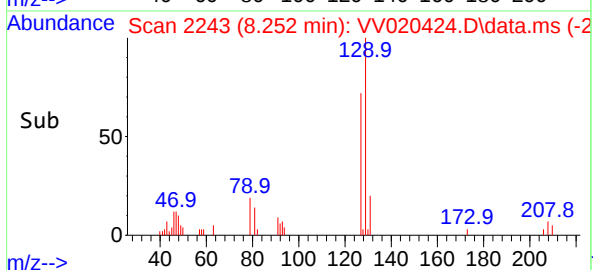
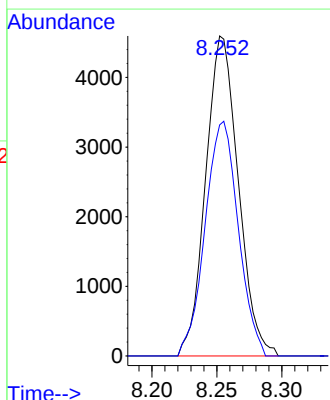


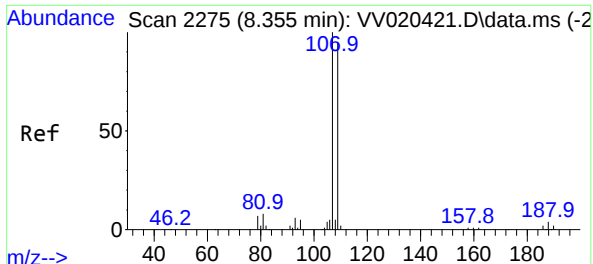
#49
Dibromochloromethane
Concen: 2.07 ug/L
RT: 8.252 min Scan# 2243
Delta R.T. 0.003 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33



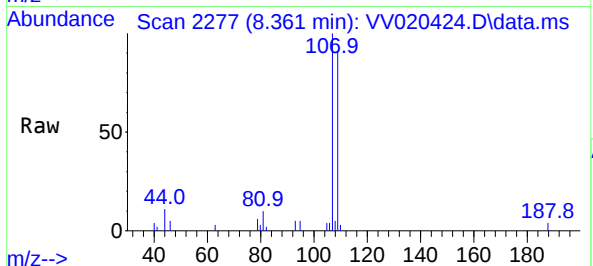
Tgt Ion: 129 Resp: 8037

Ion	Ratio	Lower	Upper
129	100		
127	72.2	54.7	101.7

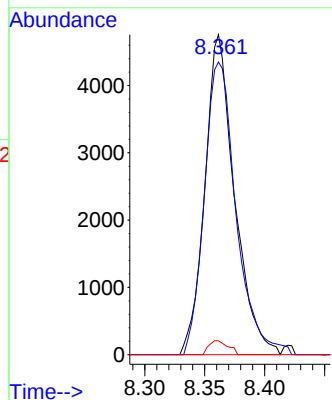




#50
1,2-Dibromoethane
Concen: 2.14 ug/L
RT: 8.361 min Scan# 2277
Delta R.T. 0.006 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33



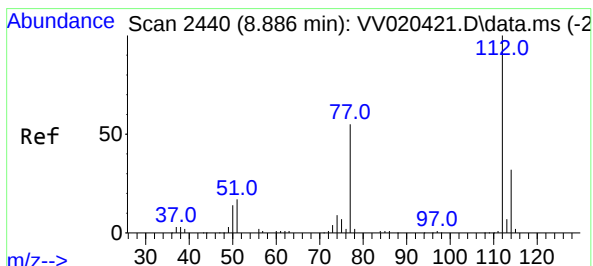
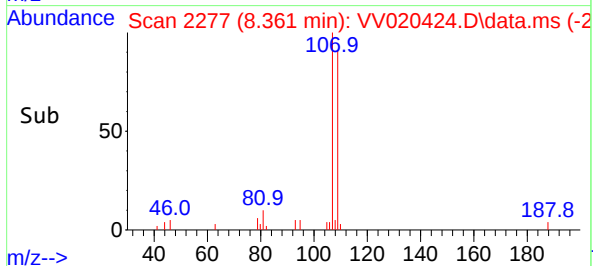
Tgt Ion:107 Resp: 8185
Ion Ratio Lower Upper
107 100
109 91.4 66.2 123.0
188 4.4 3.6 5.4



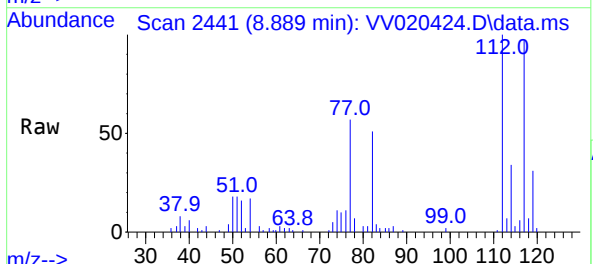
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-04

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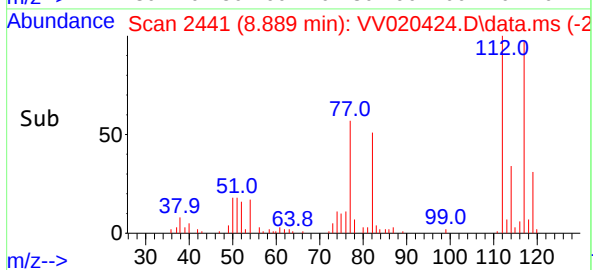
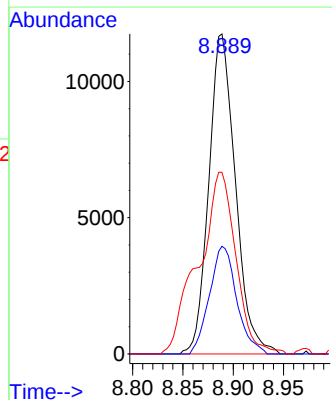
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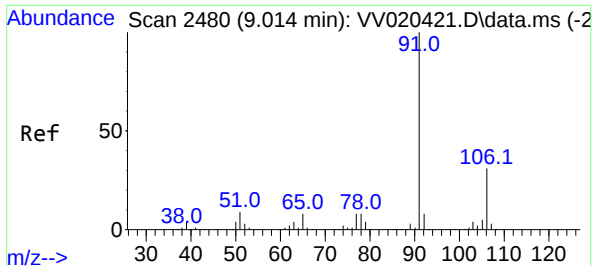


#51
Chlorobenzene
Concen: 2.10 ug/L
RT: 8.889 min Scan# 2441
Delta R.T. 0.003 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33



Tgt Ion:112 Resp: 21645
Ion Ratio Lower Upper
112 100
114 33.6 22.5 41.7
77 56.8 47.3 70.9





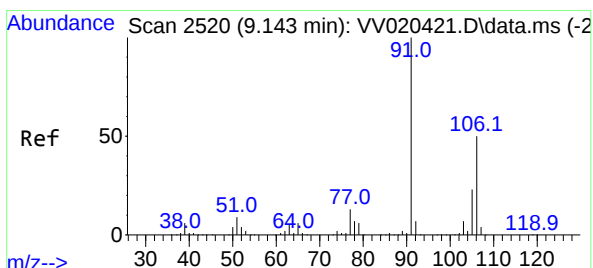
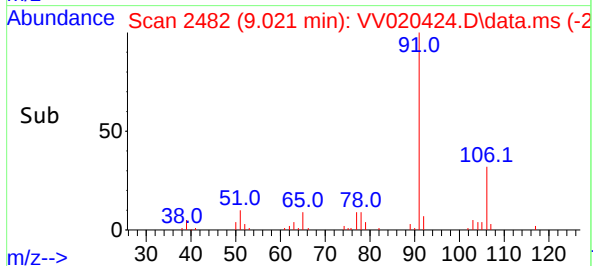
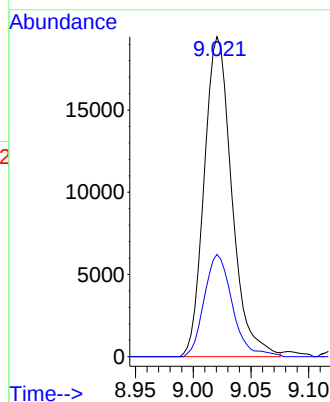
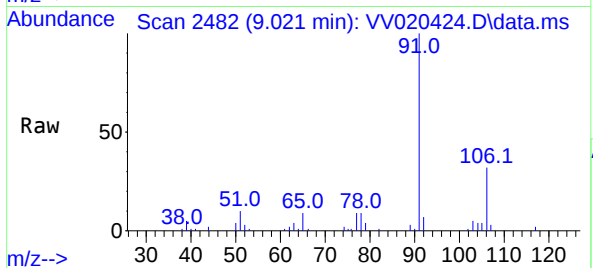
#52
Ethylbenzene
Concen: 1.98 ug/L
RT: 9.021 min Scan# 2482
Delta R.T. 0.006 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion: 91 Resp: 32441
Ion Ratio Lower Upper
91 100
106 32.0 21.3 39.6

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-04

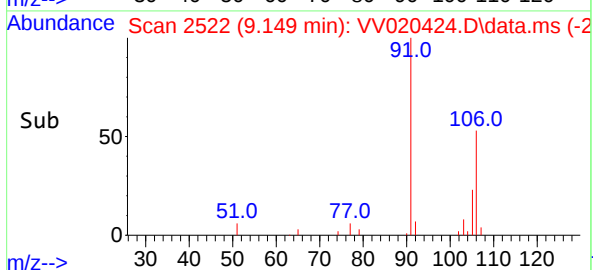
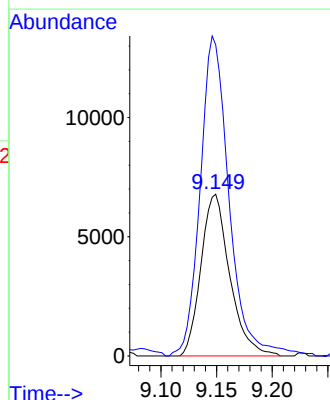
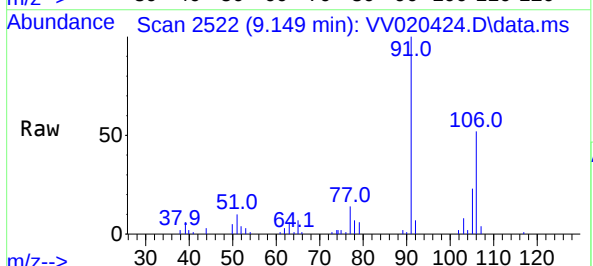
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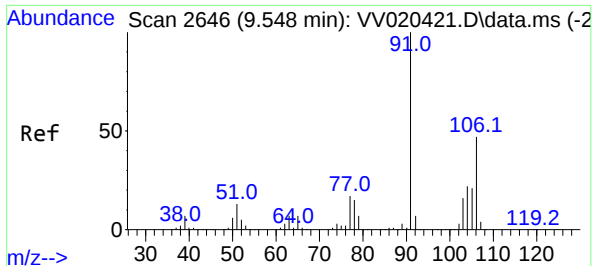
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#53
m,p-Xylene
Concen: 1.96 ug/L
RT: 9.149 min Scan# 2522
Delta R.T. 0.006 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

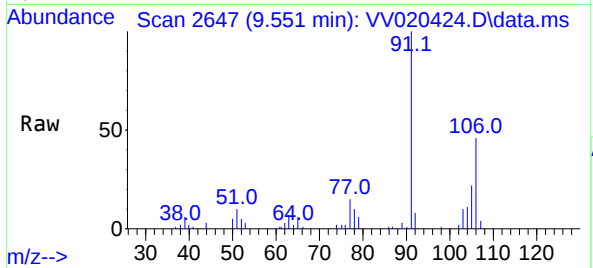
Tgt Ion: 106 Resp: 12237
Ion Ratio Lower Upper
106 100
91 192.4 143.1 265.7





#54
o-Xylene
Concen: 1.76 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.003 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

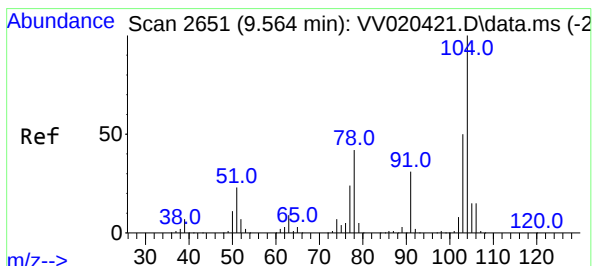
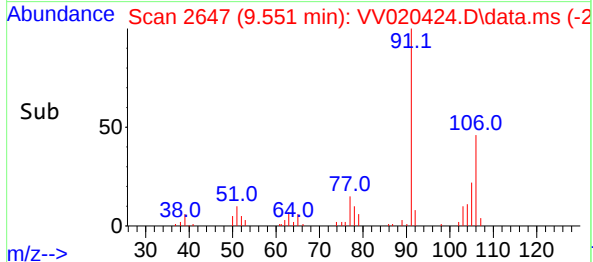
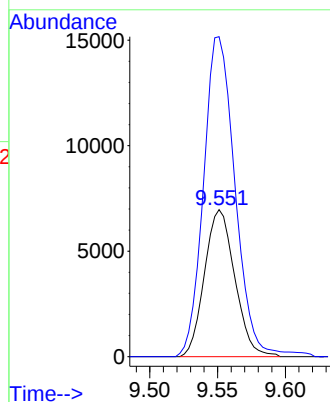
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-04



Tgt Ion:106 Resp: 10832
Ion Ratio Lower Upper
106 100
91 217.6 153.6 285.3

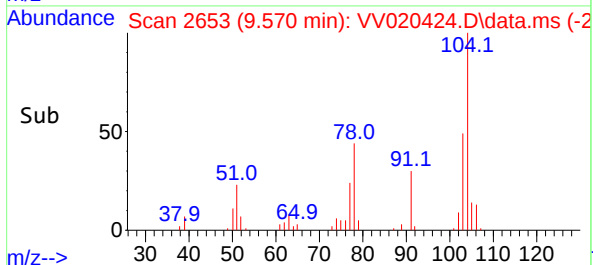
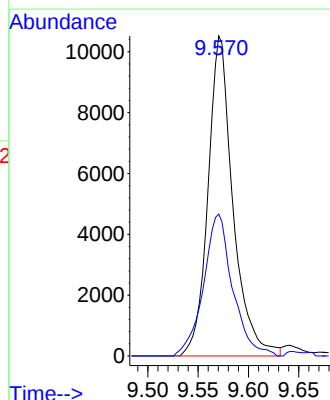
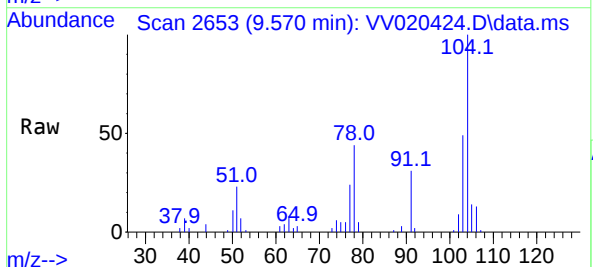
Manual Integrations
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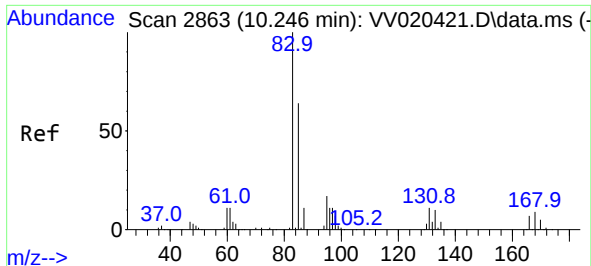
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#55
Styrene
Concen: 1.72 ug/L
RT: 9.570 min Scan# 2653
Delta R.T. 0.006 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion:104 Resp: 18180
Ion Ratio Lower Upper
104 100
78 44.3 31.6 58.8





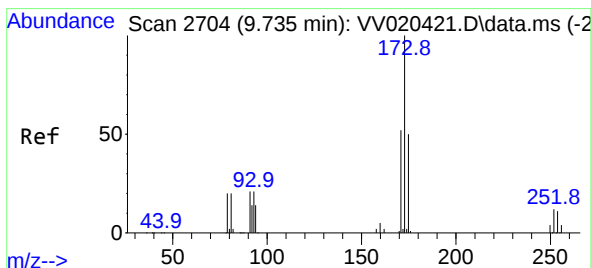
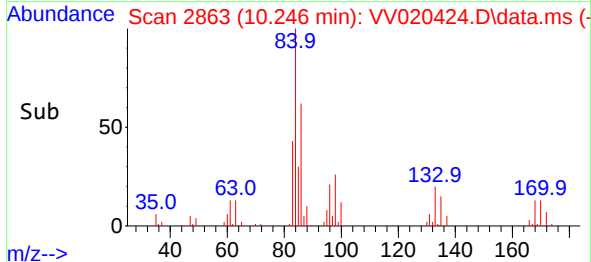
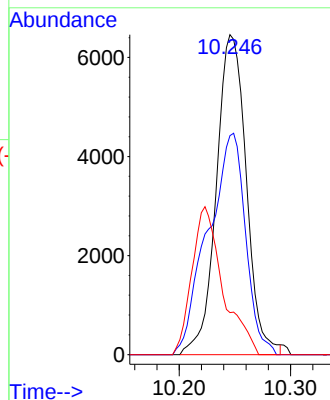
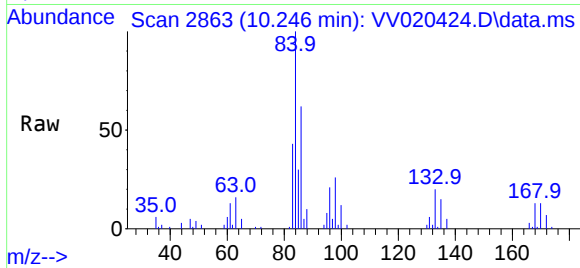
#57
1,1,2,2-Tetrachloroethane
Concen: 2.28 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion:	83	Resp:	12072
Ion	Ratio	Lower	Upper
83	100		
85	68.5	45.4	84.4
131	13.2	8.6	12.8#

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT2-2021-04

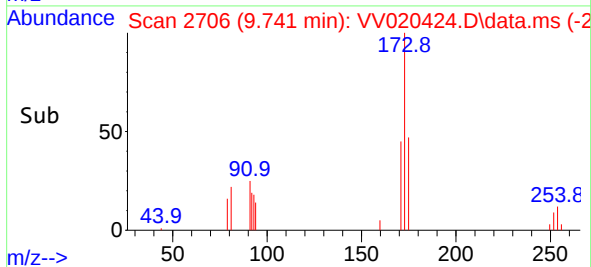
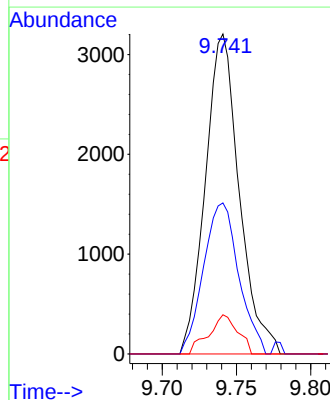
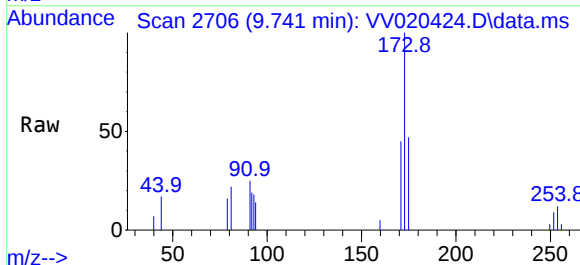
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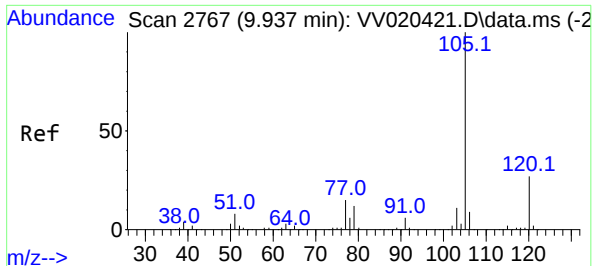
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#59
Bromoform
Concen: 1.97 ug/L
RT: 9.741 min Scan# 2706
Delta R.T. 0.006 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion:	173	Resp:	5079
Ion	Ratio	Lower	Upper
173	100		
175	49.2	39.0	58.6
254	10.5	9.5	14.3





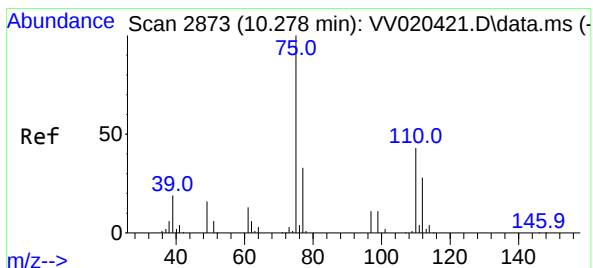
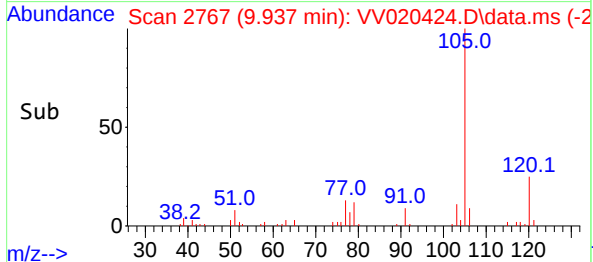
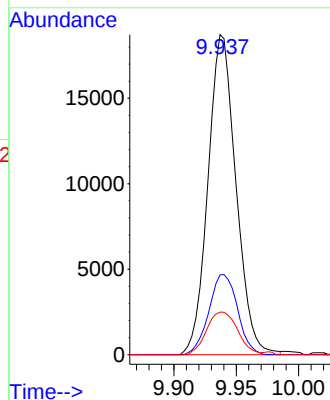
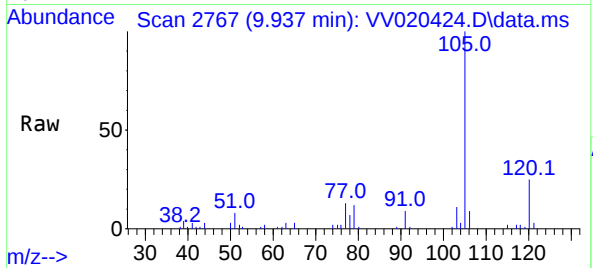
#60
Isopropylbenzene
Concen: 1.94 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. -0.000 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion:	105	Resp:	29278
Ion Ratio	Lower	Upper	
105	100		
120	25.6	21.2	31.8
77	14.7	11.8	17.6

Instrument :
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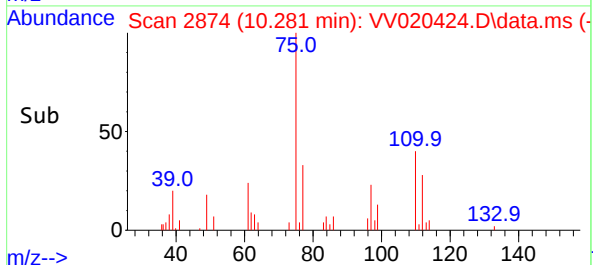
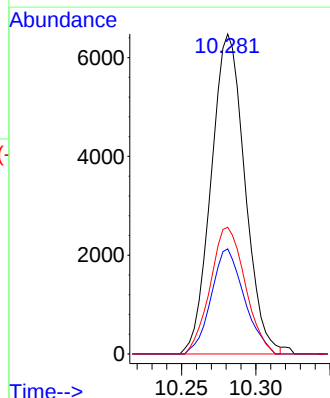
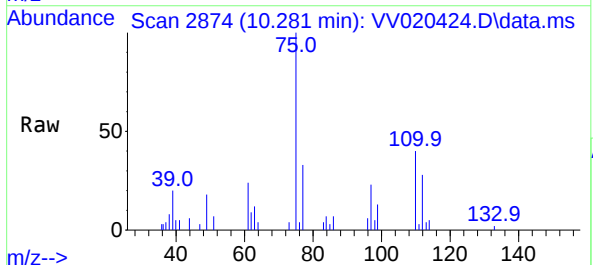
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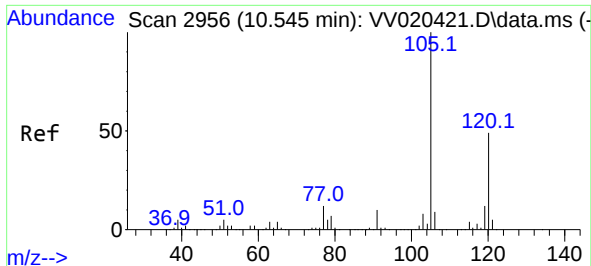
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#61
1,2,3-Trichloropropane
Concen: 2.36 ug/L
RT: 10.281 min Scan# 2874
Delta R.T. 0.003 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion:	75	Resp:	10217
Ion Ratio	Lower	Upper	
75	100		
77	32.4	25.7	38.5
110	41.0	33.3	49.9





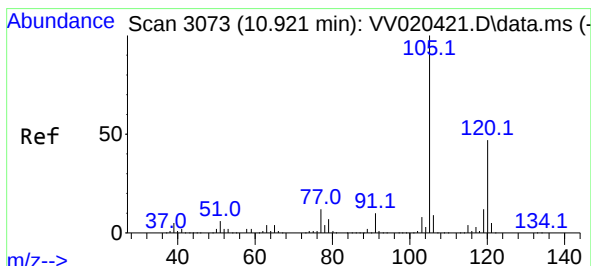
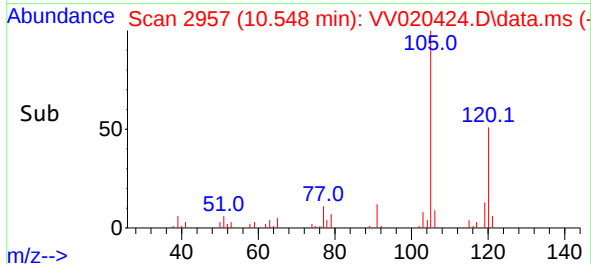
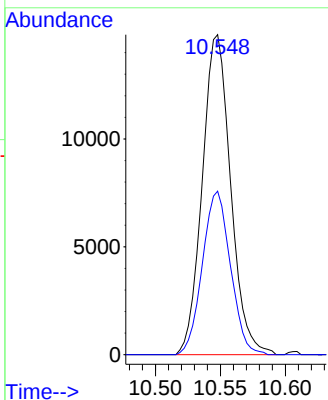
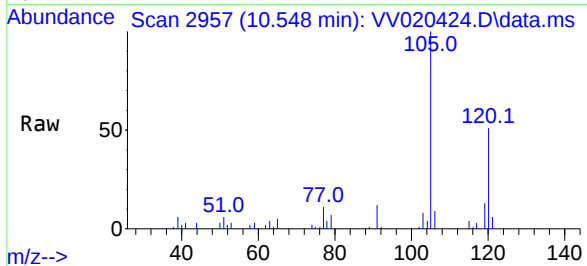
#62
1,3,5-Trimethylbenzene
Concen: 1.82 ug/L
RT: 10.548 min Scan# 2957
Delta R.T. 0.003 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion:105 Resp: 22557
Ion Ratio Lower Upper
105 100
120 50.4 39.9 59.9

Instrument :
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ClientSampleId :
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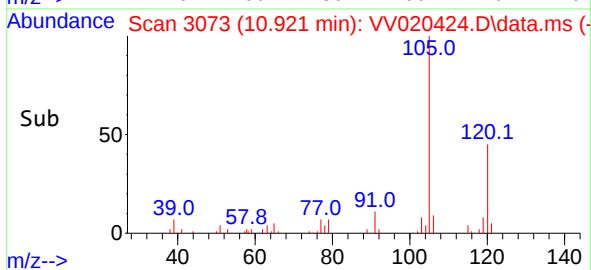
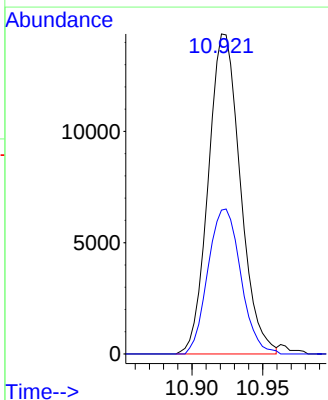
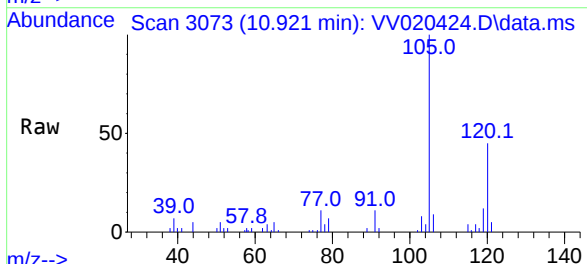
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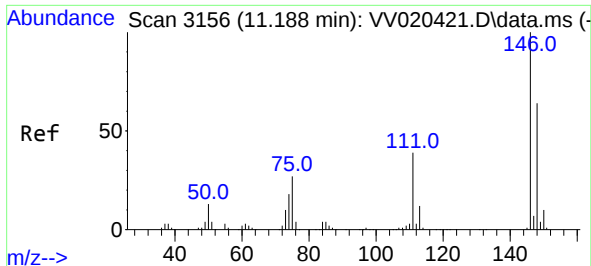
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#63
1,2,4-Trimethylbenzene
Concen: 1.78 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. -0.000 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion:105 Resp: 22592
Ion Ratio Lower Upper
105 100
120 46.4 37.0 55.6





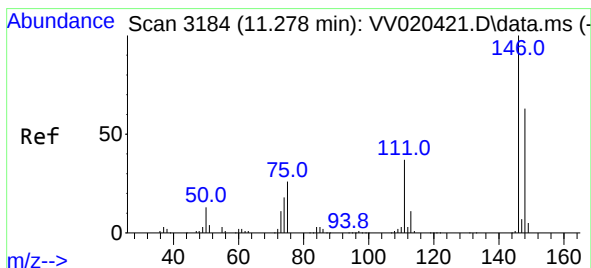
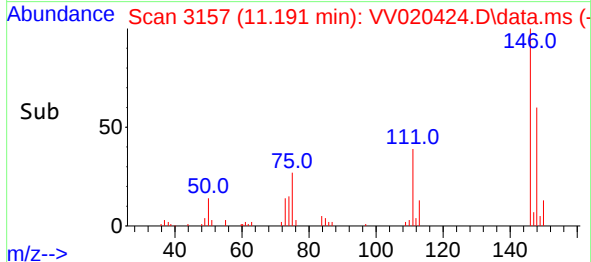
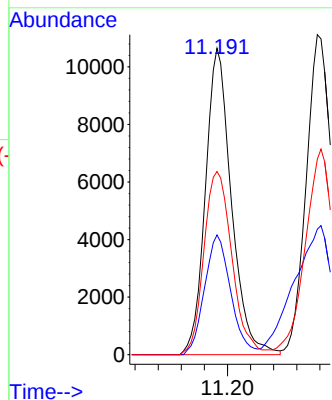
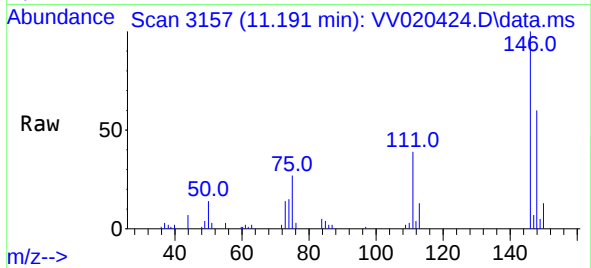
#64
1,3-Dichlorobenzene
Concen: 2.09 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.003 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion:146 Resp: 16637
Ion Ratio Lower Upper
146 100
111 39.1 27.4 51.0
148 59.8 44.1 81.9

Instrument :
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ClientSampleId :
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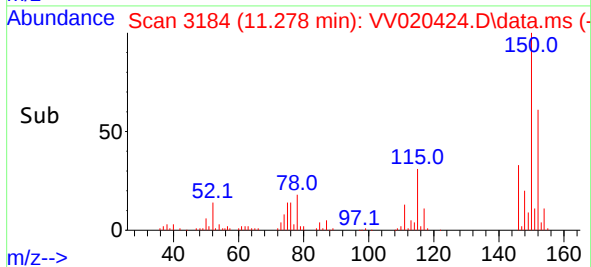
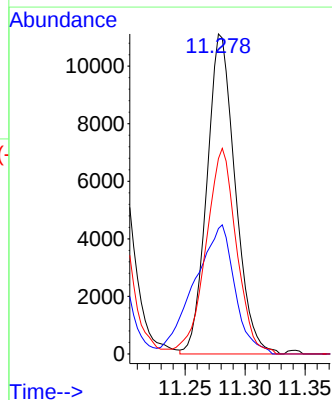
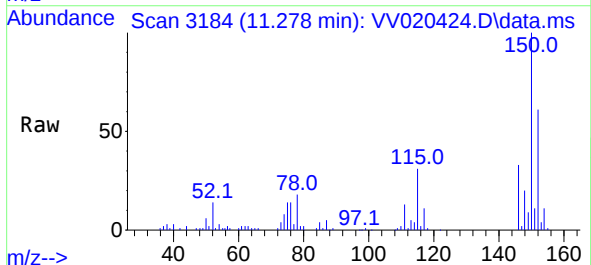
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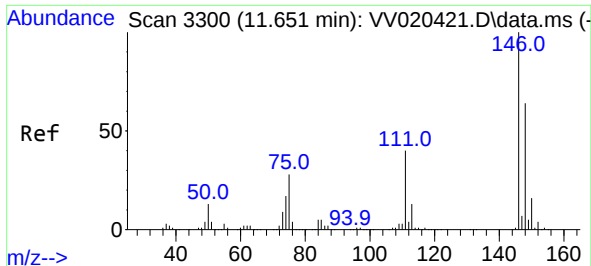
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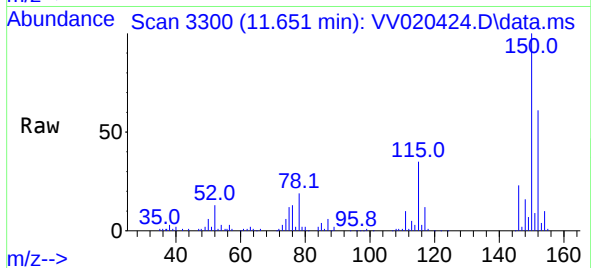
#65
1,4-Dichlorobenzene
Concen: 2.21 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion:146 Resp: 18231
Ion Ratio Lower Upper
146 100
111 39.2 26.1 48.5
148 61.1 44.6 82.8

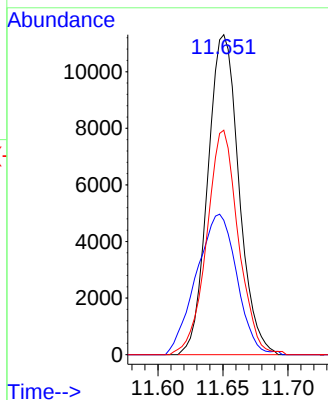
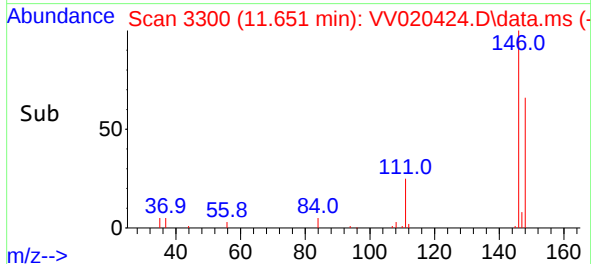




#67
1,2-Dichlorobenzene
Concen: 2.38 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. -0.000 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33



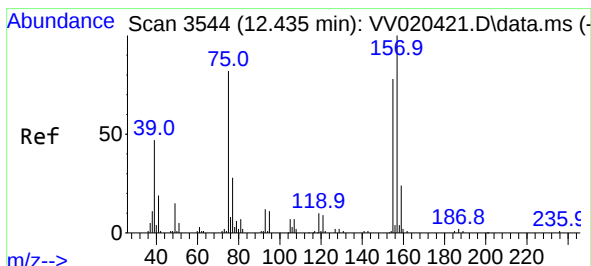
Tgt Ion:146 Resp: 18856
Ion Ratio Lower Upper
146 100
111 42.0 32.4 48.6
148 70.1 51.0 76.4



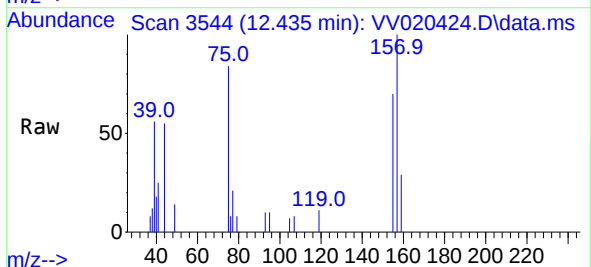
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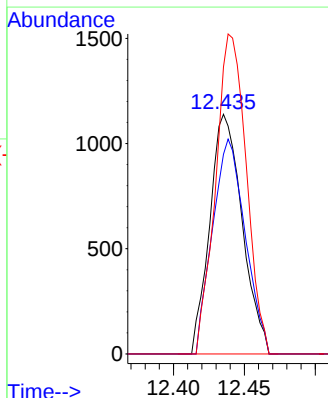
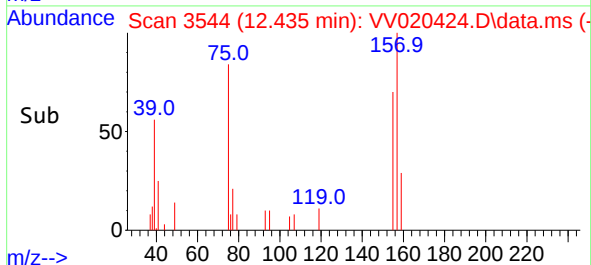
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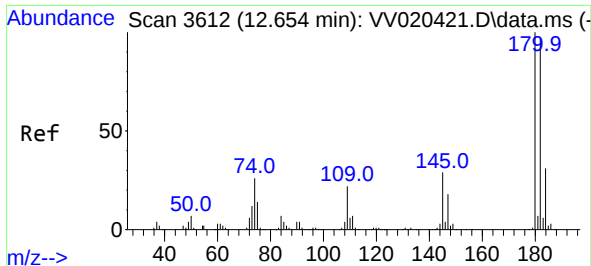


#68
1,2-Dibromo-3-chloropropane
Concen: 1.80 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. -0.000 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33



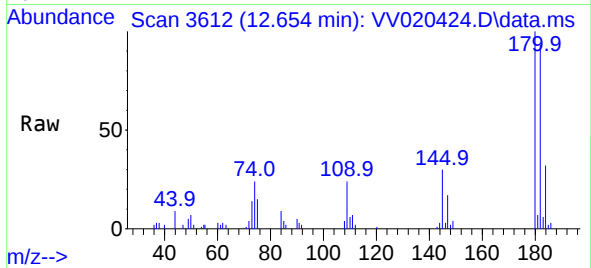
Tgt Ion: 75 Resp: 1812
Ion Ratio Lower Upper
75 100
155 83.3 74.1 111.1
157 119.8 95.8 143.8





#69
1,3,5-Trichlorobenzene
Concen: 2.14 ug/L
RT: 12.654 min Scan# 3612
Delta R.T. -0.000 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

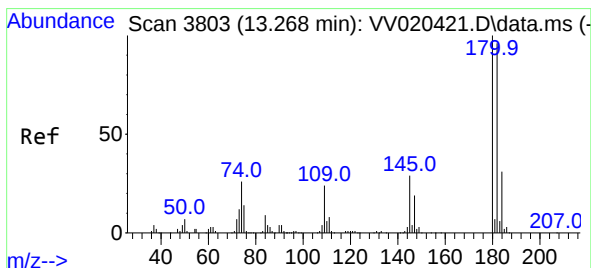
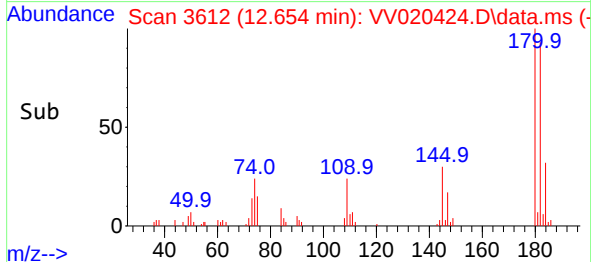
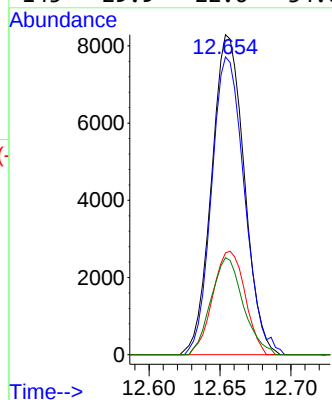
Instrument :
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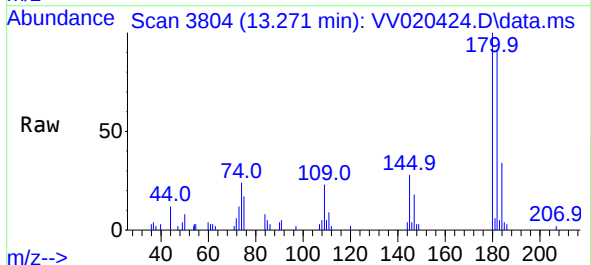
Tgt Ion:	180	Resp:	13274
Ion Ratio	Lower	Upper	
180	100		
182	93.5	76.1	114.1
184	31.9	24.1	36.1
145	29.9	22.6	34.0

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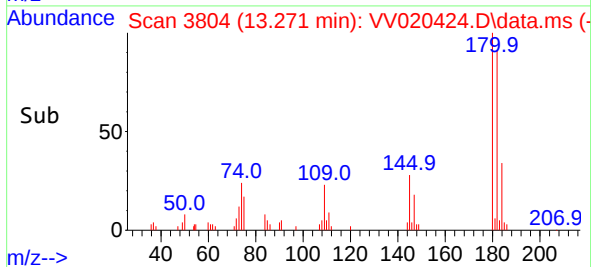
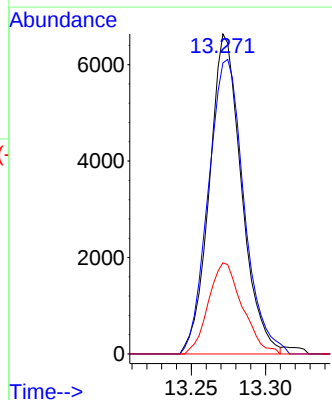
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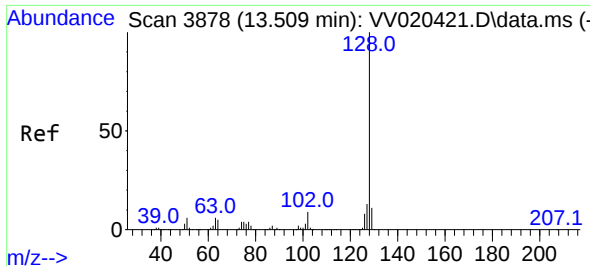


#70
1,2,4-trichlorobenzene
Concen: 1.86 ug/L
RT: 13.271 min Scan# 3804
Delta R.T. 0.003 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33



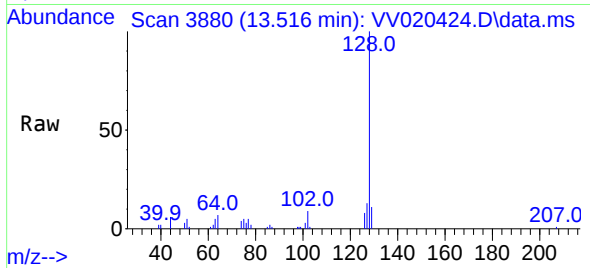
Tgt Ion:	180	Resp:	9995
Ion Ratio	Lower	Upper	
180	100		
182	101.7	77.1	115.7
145	29.8	23.4	35.2





#71
Naphthalene
Concen: 1.47 ug/L
RT: 13.516 min Scan# 3880
Delta R.T. 0.006 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

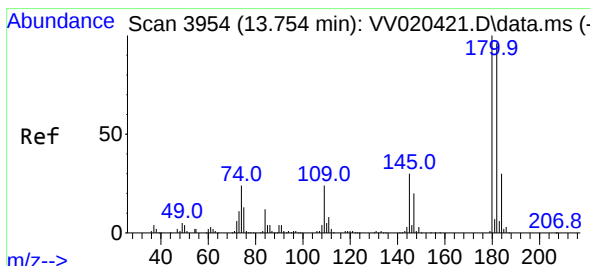
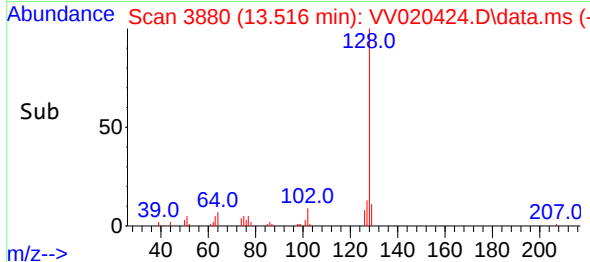
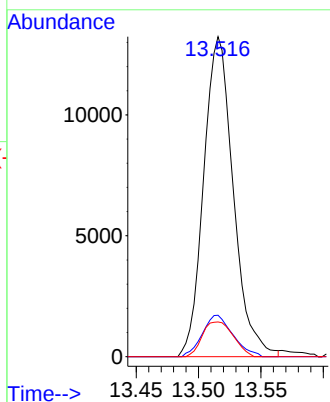
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Tgt Ion:	128	Resp:	21888
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.3	15.5
129	11.4	8.6	12.8

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#72
1,2,3-Trichlorobenzene
Concen: 1.88 ug/L
RT: 13.757 min Scan# 3955
Delta R.T. 0.003 min
Lab File: VV020424.D
Acq: 01 Mar 2021 13:33

Tgt Ion:	180	Resp:	10164
Ion Ratio	Lower	Upper	
180	100		
182	96.3	76.6	114.8
145	31.7	24.5	36.7

