

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012721\
 Data File : VW020179.D
 Acq On : 26 Jan 2021 19:18
 Operator : SY/MD
 Sample : L5214-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT1-2021-02

Manual Integrations
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 1/29/2021 11:58:06 AM

Quant Time: Jan 27 07:13:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM012721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 27 07:09:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	942397	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	905245	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.257	152	470296	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.306	65	311454	49.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	98.78%		
7) Chloroethane-d5	1.570	69	259463	52.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	104.68%		
11) 1,1-Dichloroethene-d2	2.110	63	402084	40.49	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.98%		
21) 2-Butanone-d5	3.888	46	449651	109.46	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	109.46%		
24) Chloroform-d	4.354	84	590122	50.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.94%		
26) 1,2-Dichloroethane-d4	5.036	65	394801	53.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.82%		
32) Benzene-d6	5.055	84	1147022	50.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.18%		
36) 1,2-Dichloropropane-d6	6.074	67	365750	49.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.98%		
41) Toluene-d8	7.318	98	1050291	49.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.08%		
43) trans-1,3-Dichloroprop...	7.624	79	168264	47.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.50%		
47) 2-Hexanone-d5	8.090	63	330565	105.87	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.87%		
56) 1,1,2,2-Tetrachloroeth...	10.222	84	474679	46.90	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.80%		
66) 1,2-Dichlorobenzene-d4	11.630	152	459201	52.34	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.68%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.129	85	12125	1.84	ug/L	100
3) Chloromethane	1.242	50	17404	2.33	ug/L	98
5) Vinyl chloride	1.312	62	13643	2.05	ug/L #	66
6) Bromomethane	1.521	94	8291	2.25	ug/L	89
8) Chloroethane	1.586	64	8288	2.02	ug/L	94
9) Trichlorofluoromethane	1.753	101	17455	1.81	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.116	101	13559	2.71	ug/L #	72
12) 1,1-Dichloroethene	2.116	96	12312	2.61	ug/L #	1
13) Acetone	2.180	43	10599	4.31	ug/L	99
14) Carbon disulfide	2.296	76	28090	2.07	ug/L	98
15) Methyl Acetate	2.441	43	9856	1.78	ug/L	99
16) Methylene chloride	2.512	84	13018	2.30	ug/L	95
17) trans-1,2-Dichloroethene	2.769	96	10049	1.88	ug/L	97
18) Methyl tert-butyl Ether	2.772	73	30664	1.81	ug/L #	95
19) 1,1-Dichloroethane	3.196	63	19285	1.90	ug/L	97
20) cis-1,2-Dichloroethene	3.920	96	10292	1.68	ug/L	98
22) 2-Butanone	3.997	43	13318m	3.23	ug/L	
23) Bromochloromethane	4.261	128	6229	1.86	ug/L	92
25) Chloroform	4.383	83	24010	2.20	ug/L	97

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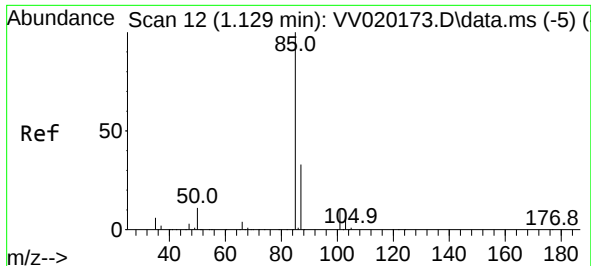
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Quant Time: Jan 27 07:13:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM012721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 27 07:09:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.148	62	15171	1.76	ug/L	99
29) Cyclohexane	4.679	56	15496	1.71	ug/L	97
30) 1,1,1-Trichloroethane	4.618	97	16901	1.69	ug/L	98
31) Carbon tetrachloride	4.833	117	14405	1.66	ug/L	99
33) Benzene	5.110	78	42437	1.80	ug/L	100
34) Trichloroethene	5.926	95	11128	1.69	ug/L	91
35) Methylcyclohexane	6.138	83	15236	1.58	ug/L	97
37) 1,2-Dichloropropane	6.183	63	10893	1.71	ug/L #	96
38) Bromodichloromethane	6.518	83	13242	1.54	ug/L	98
39) cis-1,3-Dichloropropene	7.039	75	14147	1.48	ug/L	94
40) 4-Methyl-2-pentanone	7.238	43	26792	3.07	ug/L	97
42) Toluene	7.396	91	44227	1.73	ug/L	99
44) trans-1,3-Dichloropropene	7.659	75	14386	1.56	ug/L	95
45) 1,1,2-Trichloroethane	7.849	97	10765	1.76	ug/L	95
46) Tetrachloroethene	7.981	164	9672	1.79	ug/L	94
48) 2-Hexanone	8.154	43	23054	3.69	ug/L	92
49) Dibromochloromethane	8.254	129	11560	1.70	ug/L	92
50) 1,2-Dibromoethane	8.363	107	11706	1.80	ug/L	98
51) Chlorobenzene	8.888	112	30386	1.80	ug/L	98
52) Ethylbenzene	9.019	91	46888	1.67	ug/L	96
53) m,p-Xylene	9.148	106	16653	1.55	ug/L	96
54) o-Xylene	9.550	106	15172	1.44	ug/L	96
55) Styrene	9.572	104	25352	1.39	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.248	83	18637	1.87	ug/L #	97
59) Bromoform	9.740	173	8246	1.60	ug/L	97
60) Isopropylbenzene	9.939	105	38688	1.47	ug/L	100
61) 1,2,3-Trichloropropane	10.280	75	13966	1.86	ug/L	96
62) 1,3,5-Trimethylbenzene	10.547	105	37316	1.65	ug/L	95
63) 1,2,4-Trimethylbenzene	10.923	105	37162	1.67	ug/L	100
64) 1,3-Dichlorobenzene	11.190	146	24179	1.78	ug/L	97
65) 1,4-Dichlorobenzene	11.280	146	26272	1.88	ug/L	96
67) 1,2-Dichlorobenzene	11.650	146	26112	1.91	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.440	75	3682	1.67	ug/L	92
69) 1,3,5-Trichlorobenzene	12.656	180	19697	1.73	ug/L	99
70) 1,2,4-trichlorobenzene	13.273	180	18368	1.74	ug/L	96
71) Naphthalene	13.514	128	45756	1.54	ug/L	100
72) 1,2,3-Trichlorobenzene	13.756	180	18022	1.72	ug/L	97

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



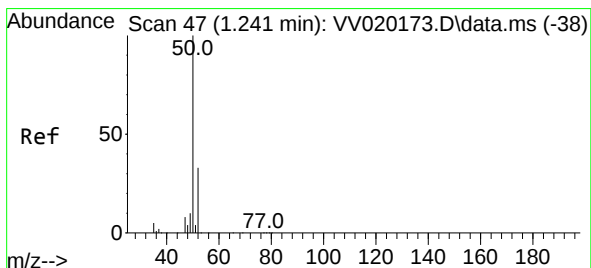
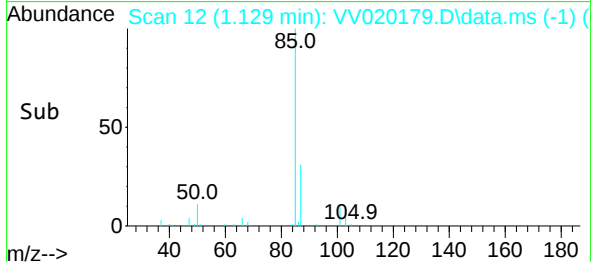
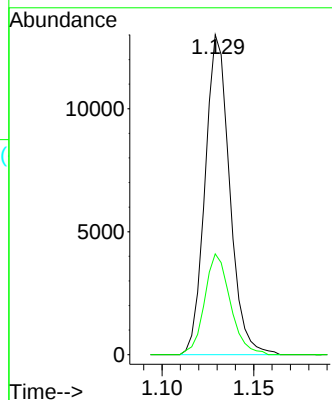
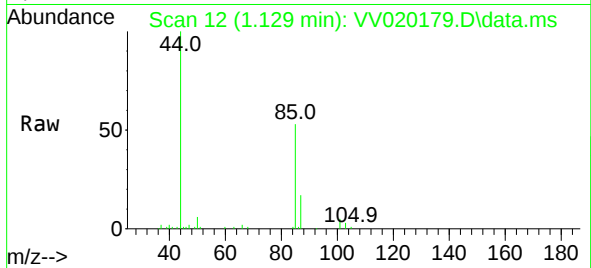
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Dichlorodifluoromethane
Concen: 1.84 ug/L
RT: 1.129 min Scan# 12
Delta R.T. 0.000 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18

Tgt Ion: 85 Resp: 12125
Ion Ratio Lower Upper
85 100
87 33.0 26.2 39.2

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-02

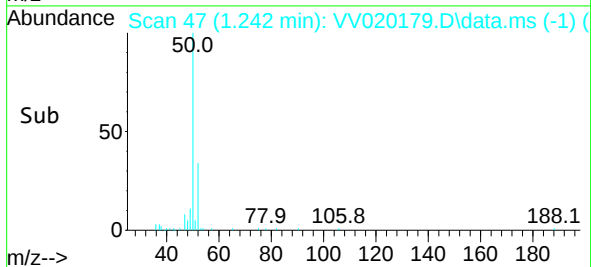
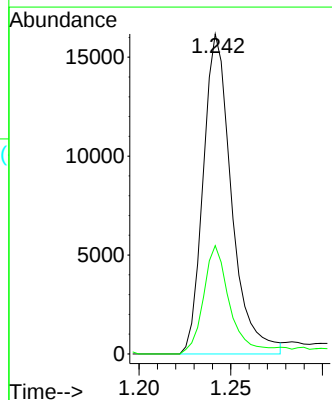
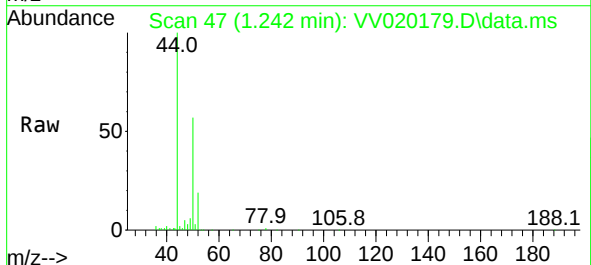
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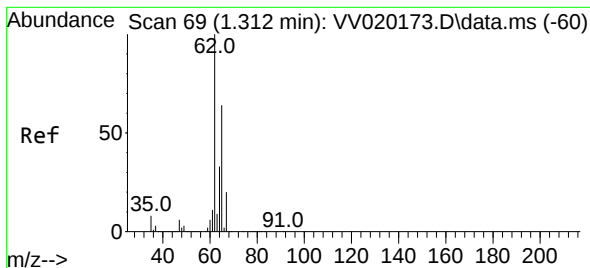
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#3
Chloromethane
Concen: 2.33 ug/L
RT: 1.242 min Scan# 47
Delta R.T. 0.000 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18

Tgt Ion: 50 Resp: 17404
Ion Ratio Lower Upper
50 100
52 33.8 22.9 42.5





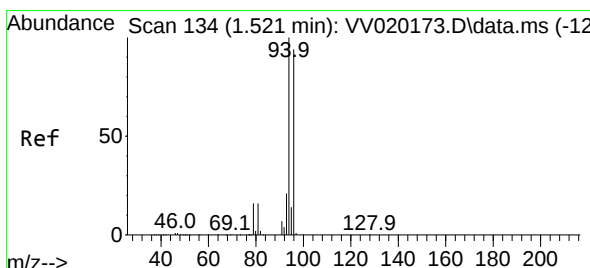
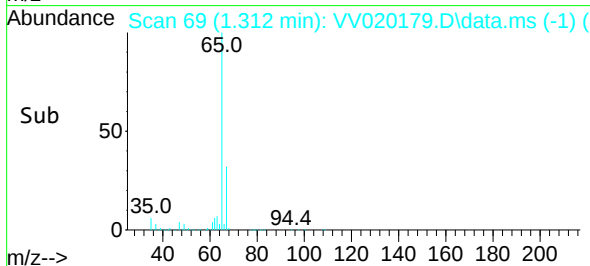
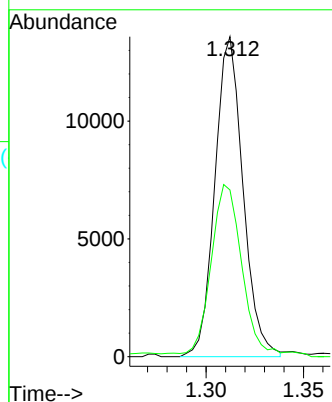
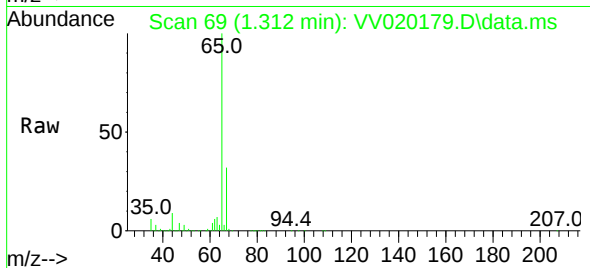
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 Vinyl chloride
 Concen: 2.05 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: VV020179.D
 Acq: 26 Jan 2021 19:18

Tgt Ion: 62 Resp: 13643
 Ion Ratio Lower Upper
 62 100
 64 52.1 23.1 42.9#

Instrument :
 MSVOA_V
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 MDL-WATER-QT1-2021-02

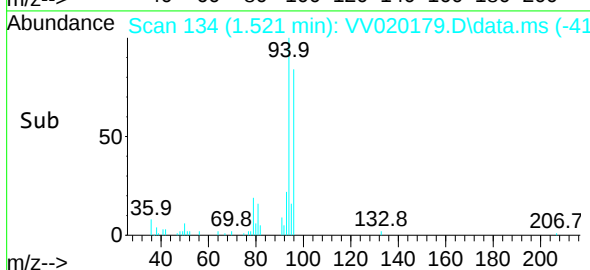
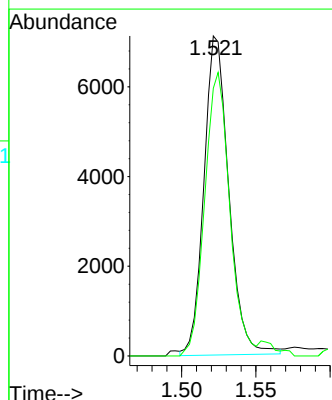
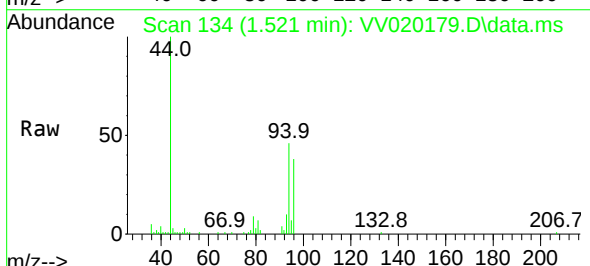
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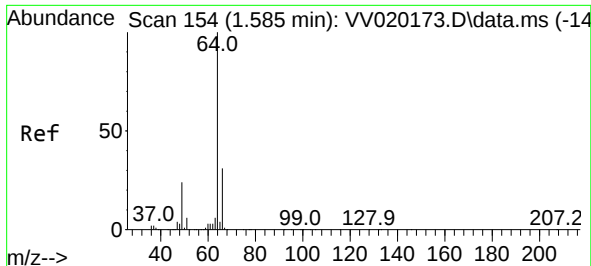
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#6
 Bromomethane
 Concen: 2.25 ug/L
 RT: 1.521 min Scan# 134
 Delta R.T. 0.000 min
 Lab File: VV020179.D
 Acq: 26 Jan 2021 19:18

Tgt Ion: 94 Resp: 8291
 Ion Ratio Lower Upper
 94 100
 96 83.7 65.9 122.5





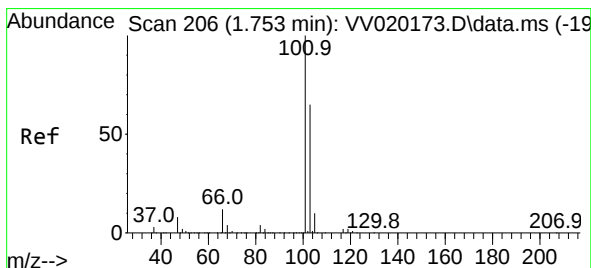
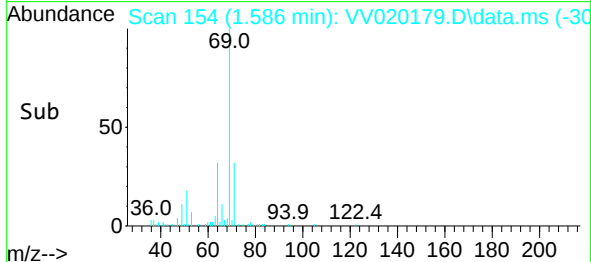
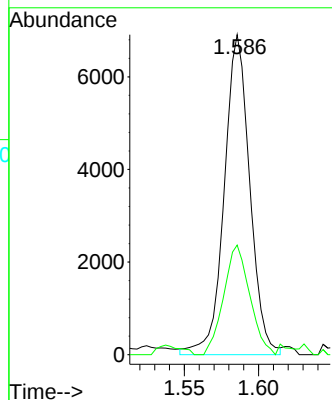
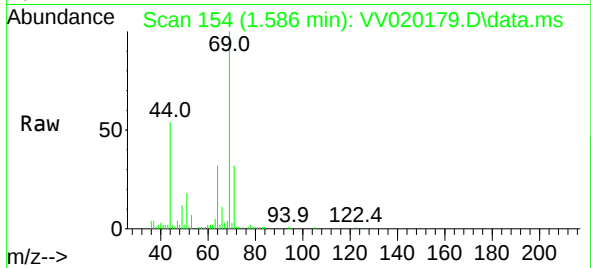
#8
Chloroethane
Concen: 2.02 ug/L
RT: 1.586 min Scan# 154
Delta R.T. 0.000 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18

Tgt Ion: 64 Resp: 8288
Ion Ratio Lower Upper
64 100
66 34.2 21.8 40.4

Instrument :
MSVOA_V
ClientSampleId :
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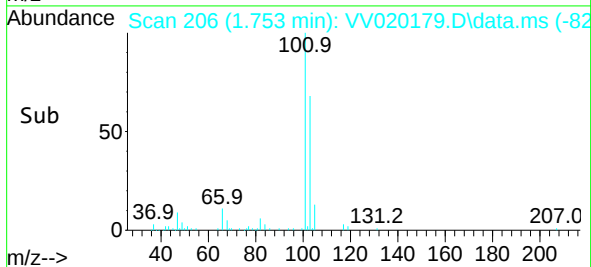
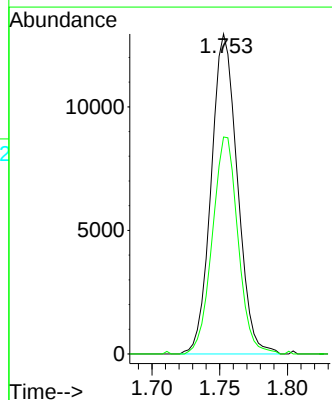
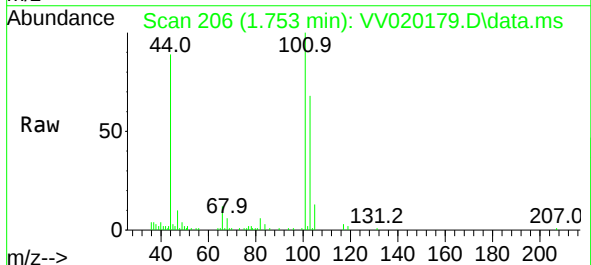
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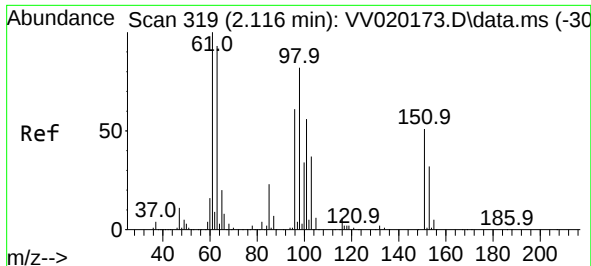
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#9
Trichlorofluoromethane
Concen: 1.81 ug/L
RT: 1.753 min Scan# 206
Delta R.T. 0.000 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18

Tgt Ion: 101 Resp: 17455
Ion Ratio Lower Upper
101 100
103 66.4 51.8 77.6





#10

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

Concen: 2.71 ug/L

RT: 2.116 min Scan# 319

Delta R.T. 0.000 min

Lab File: VV020179.D

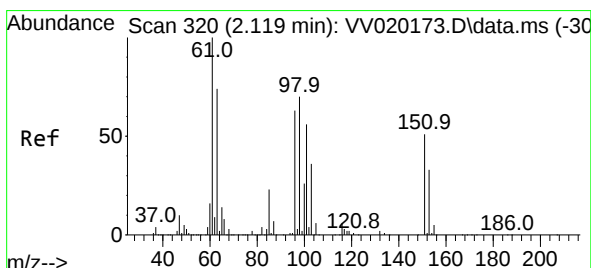
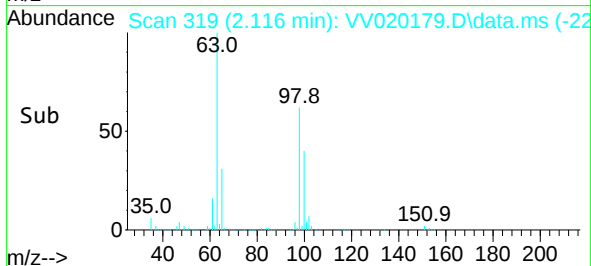
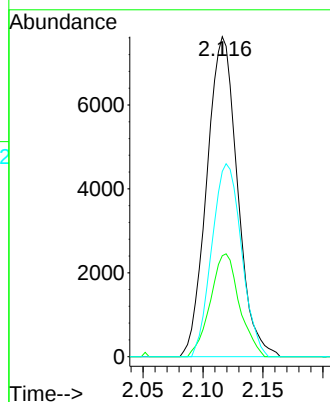
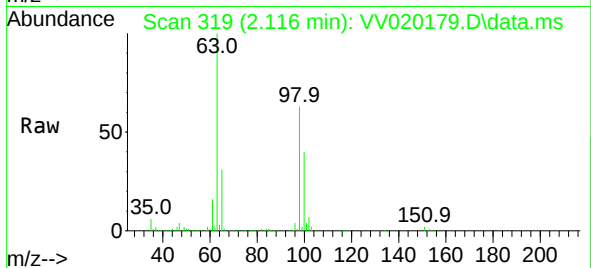
Acq: 26 Jan 2021 19:18

Tgt Ion:	101	Resp:	13559
Ion Ratio	Lower	Upper	
101	100		
85	30.3	32.4	48.6#
151	58.3	71.0	106.6#

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#12

1,1-Dichloroethene

Concen: 2.61 ug/L

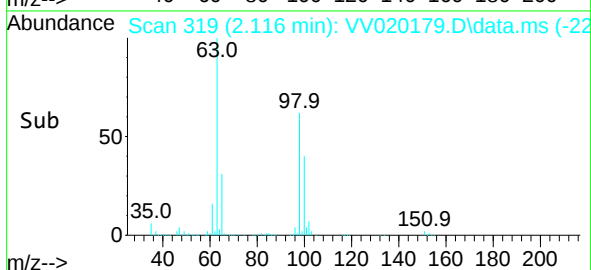
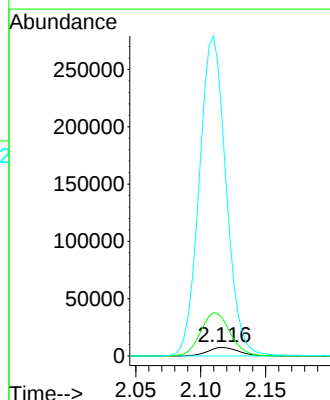
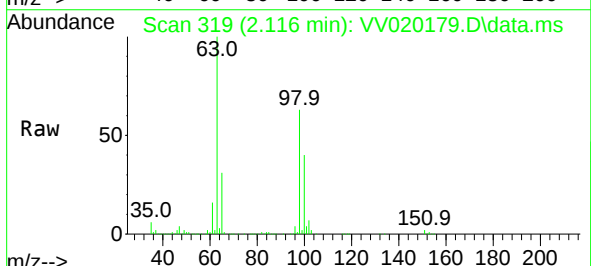
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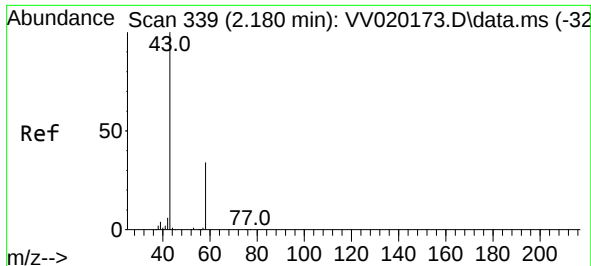
Delta R.T. -0.003 min

Lab File: VV020179.D

Acq: 26 Jan 2021 19:18

Tgt Ion:	96	Resp:	12312
Ion Ratio	Lower	Upper	
96	100		
61	446.5	110.9	206.1#
63	2812.0	82.1	152.5#





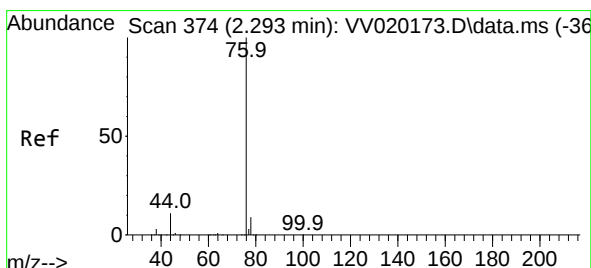
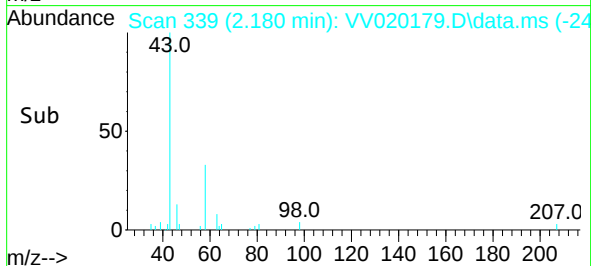
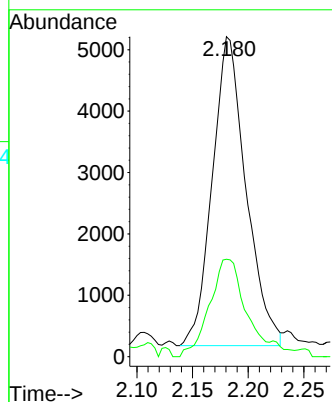
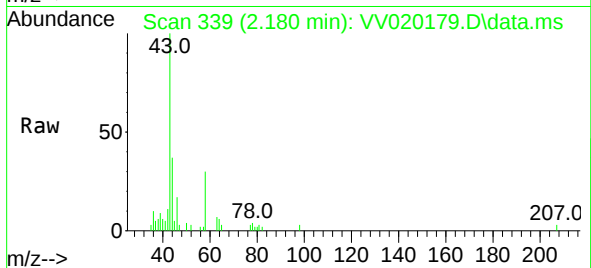
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Acetone
Concen: 4.31 ug/L
RT: 2.180 min Scan# 339
Delta R.T. 0.000 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18

Tgt Ion: 43 Resp: 10599
Ion Ratio Lower Upper
43 100
58 33.4 0.0 68.0

Instrument :
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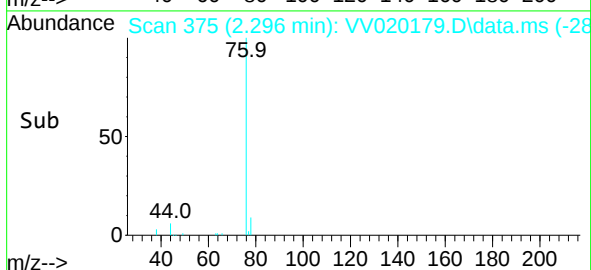
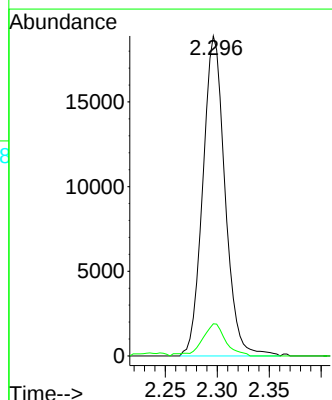
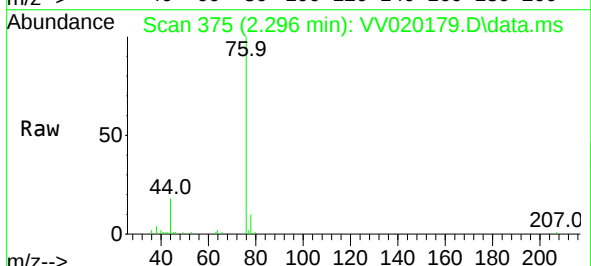
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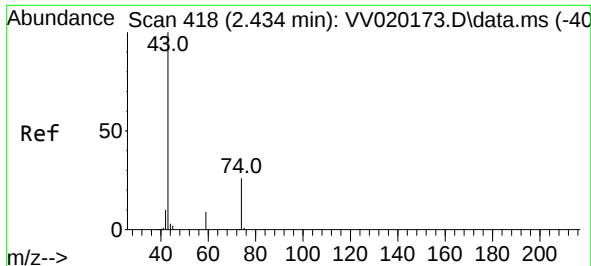
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#14
Carbon disulfide
Concen: 2.07 ug/L
RT: 2.296 min Scan# 375
Delta R.T. 0.003 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18

Tgt Ion: 76 Resp: 28090
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.2





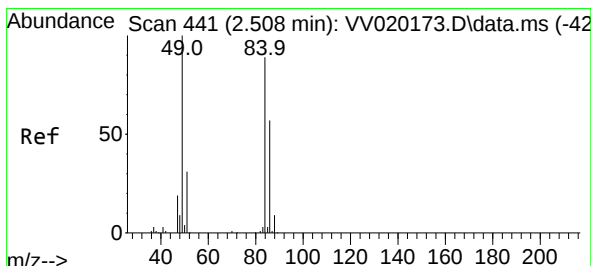
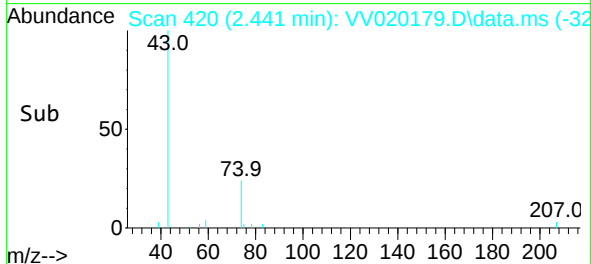
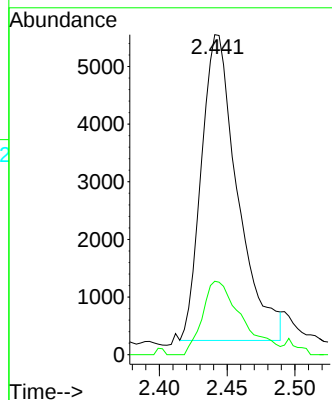
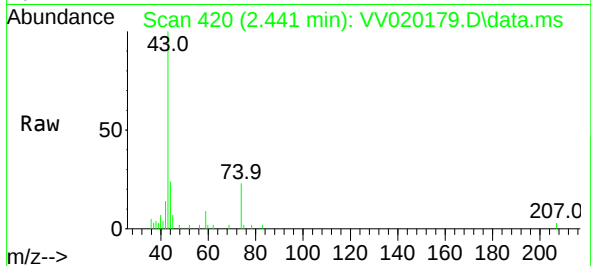
#15
Methyl Acetate
Concen: 1.78 ug/L
RT: 2.441 min Scan# 420
Delta R.T. 0.007 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18

Tgt Ion: 43 Resp: 9856
Ion Ratio Lower Upper
43 100
74 26.3 20.6 30.8

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-02

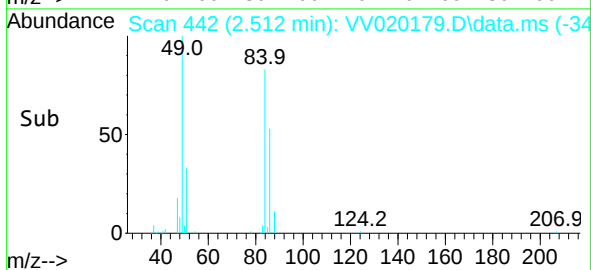
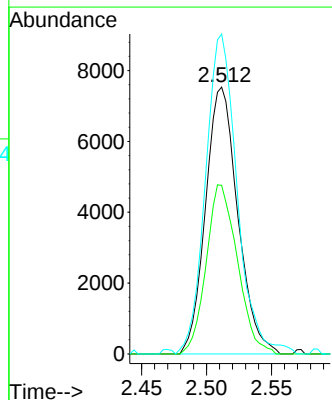
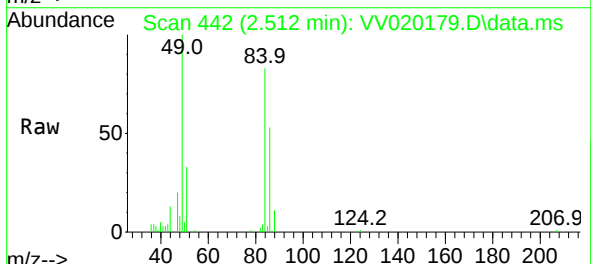
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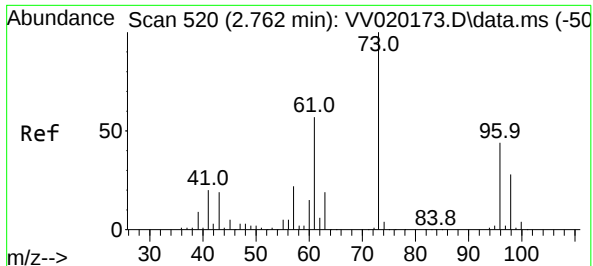
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#16
Methylene chloride
Concen: 2.30 ug/L
RT: 2.512 min Scan# 442
Delta R.T. 0.003 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18

Tgt Ion: 84 Resp: 13018
Ion Ratio Lower Upper
84 100
86 63.2 44.8 83.2
49 119.9 78.5 145.7





#17

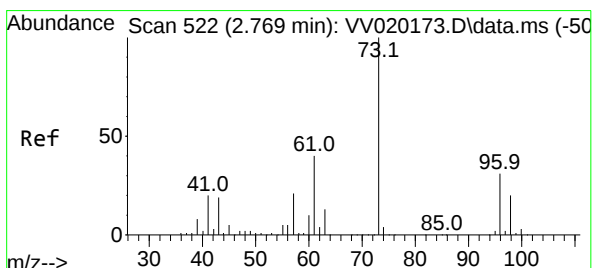
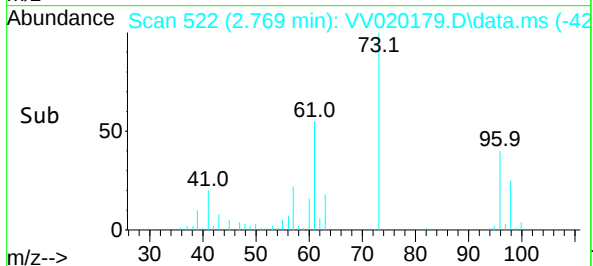
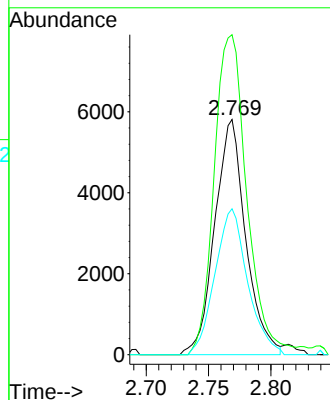
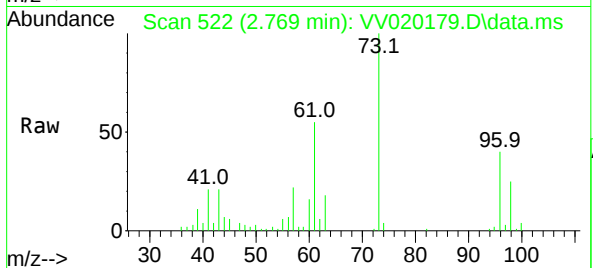
trans-1,2-Dichloroethene
Concen: 1.88 ug/L
RT: 2.769 min Scan# 522
Delta R.T. 0.007 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18

Tgt Ion: 96 Resp: 10049
Ion Ratio Lower Upper
96 100
61 136.1 92.0 170.9
98 62.0 44.2 82.2

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-02

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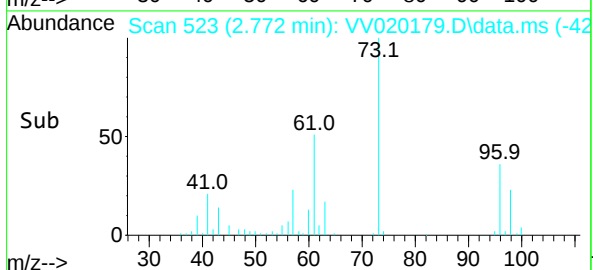
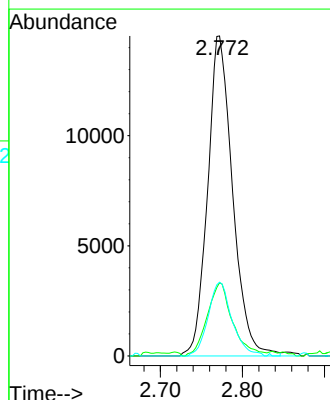
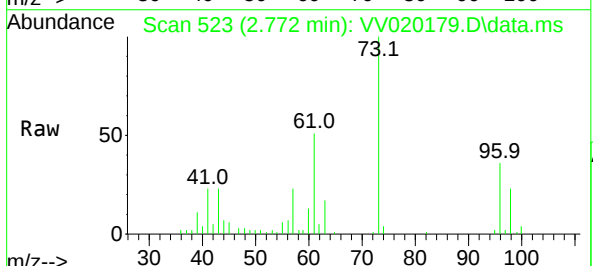
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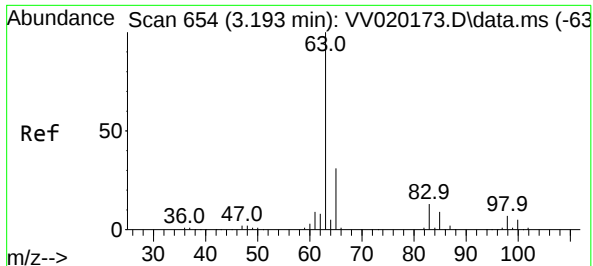


#18

Methyl tert-butyl Ether
Concen: 1.81 ug/L
RT: 2.772 min Scan# 523
Delta R.T. 0.003 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18

Tgt Ion: 73 Resp: 30664
Ion Ratio Lower Upper
73 100
43 23.2 15.0 22.6#
57 22.0 17.2 25.8





#19

1,1-Dichloroethane

Concen: 1.90 ug/L

RT: 3.196 min Scan# 655

Delta R.T. 0.003 min

Lab File: VV020179.D

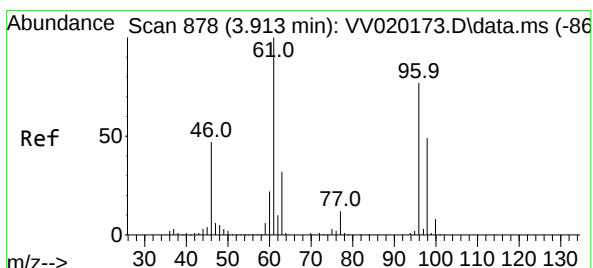
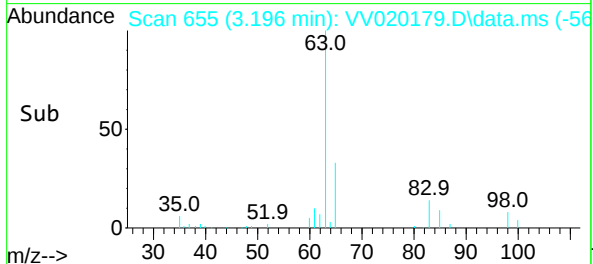
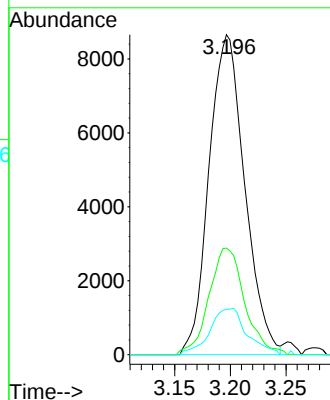
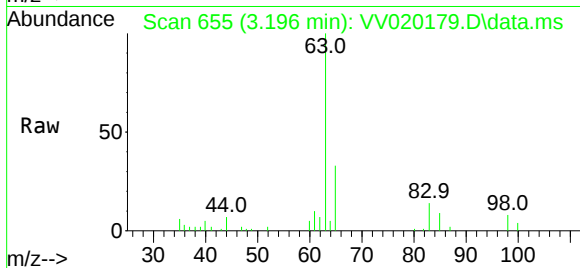
Acq: 26 Jan 2021 19:18

Tgt Ion:	63	Resp:	19285
Ion	Ratio	Lower	Upper
63	100		
65	33.3	21.8	40.4
83	14.1	9.4	17.4

Instrument :
MSVOA_V
ClientSampleId :
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#20

cis-1,2-Dichloroethene

Concen: 1.68 ug/L

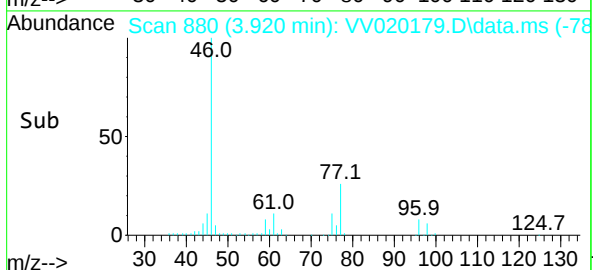
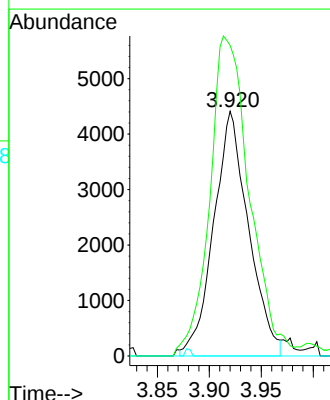
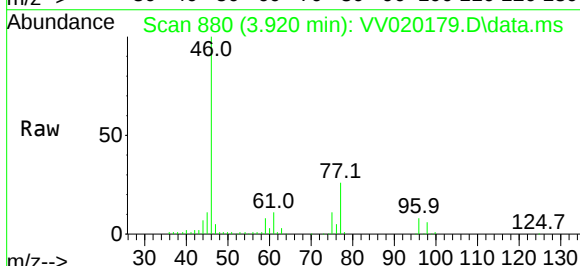
RT: 3.920 min Scan# 880

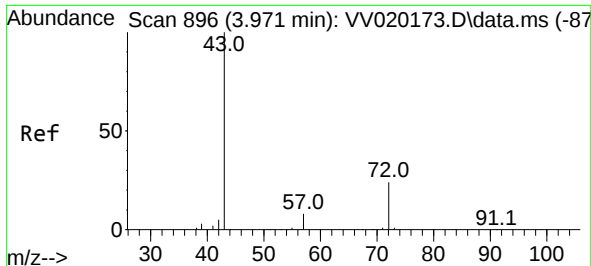
Delta R.T. 0.007 min

Lab File: VV020179.D

Acq: 26 Jan 2021 19:18

Tgt Ion:	96	Resp:	10292
Ion	Ratio	Lower	Upper
96	100		
61	127.0	90.6	168.3
68	0.0	0.0	0.0





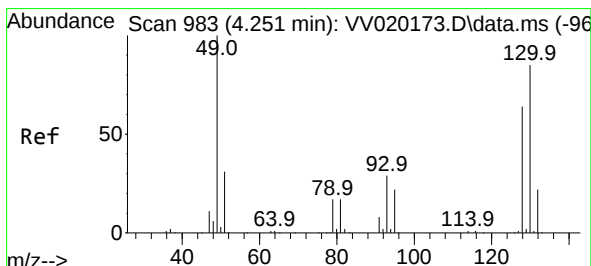
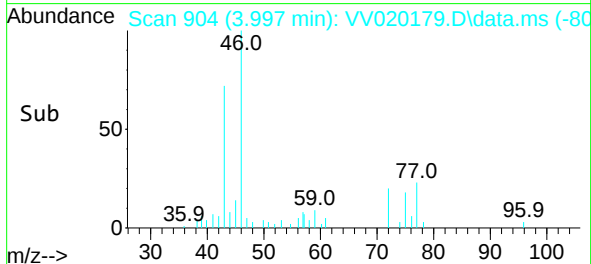
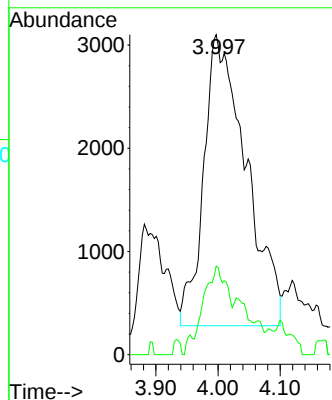
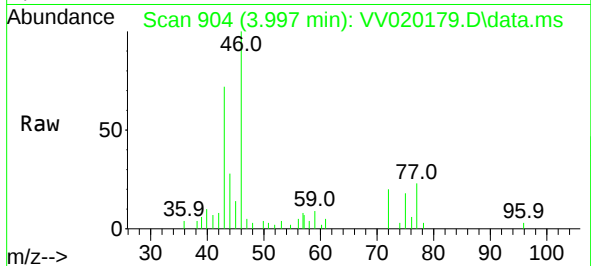
#22
2-Butanone
Concen: 3.23 ug/L m
RT: 3.997 min Scan# 904
Delta R.T. 0.026 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18

Tgt Ion: 43 Resp: 13318
Ion Ratio Lower Upper
43 100
72 1.1 12.7 38.1#

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-02

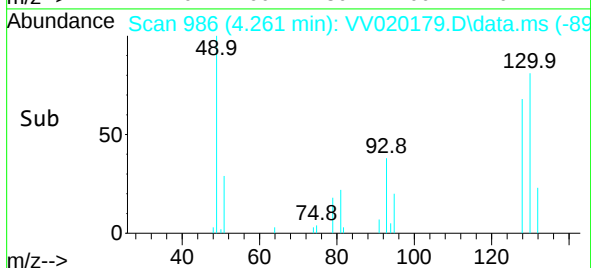
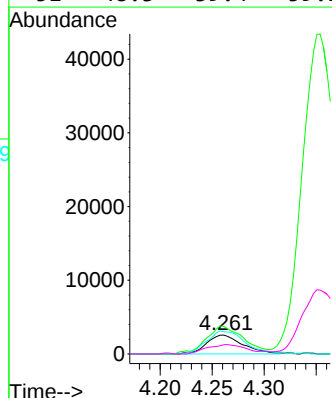
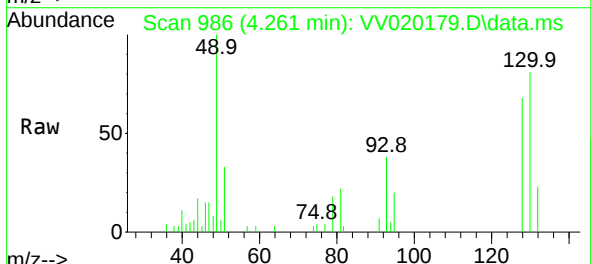
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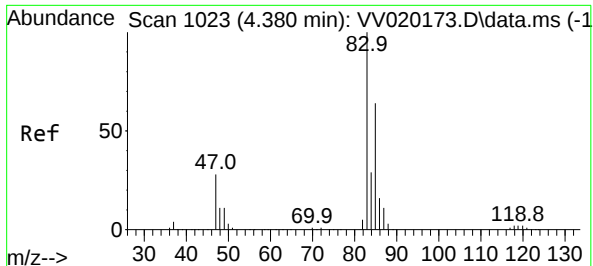
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#23
Bromochloromethane
Concen: 1.86 ug/L
RT: 4.261 min Scan# 986
Delta R.T. 0.010 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18

Tgt Ion:128 Resp: 6229
Ion Ratio Lower Upper
128 100
49 146.7 109.8 203.8
130 118.7 92.8 172.4
51 48.3 39.4 59.2





#25

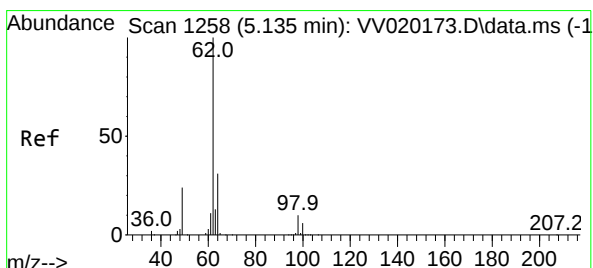
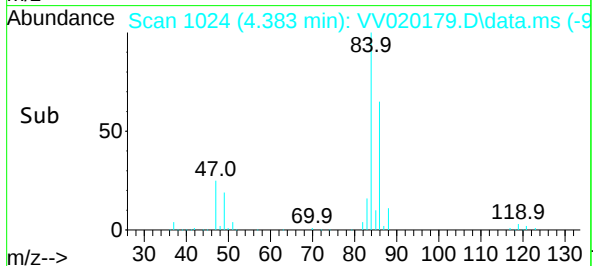
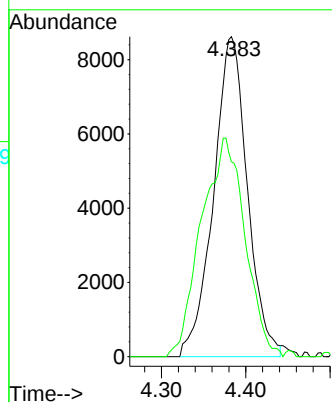
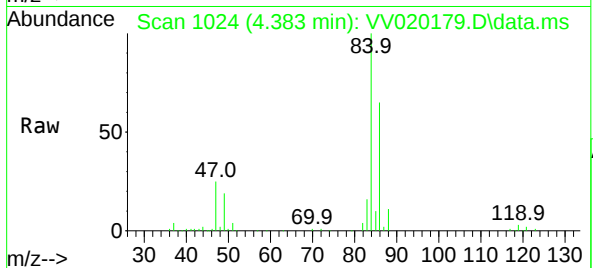
Chloroform
Concen: 2.20 ug/L
RT: 4.383 min Scan# 1024
Delta R.T. 0.003 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18

Tgt Ion: 83 Resp: 24010
Ion Ratio Lower Upper
83 100
85 61.0 44.6 82.8

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-02

Manual Integrations
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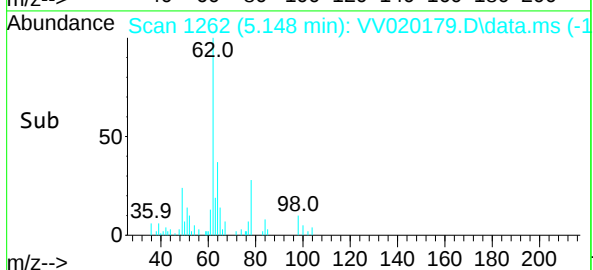
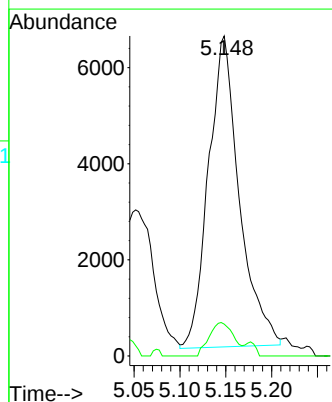
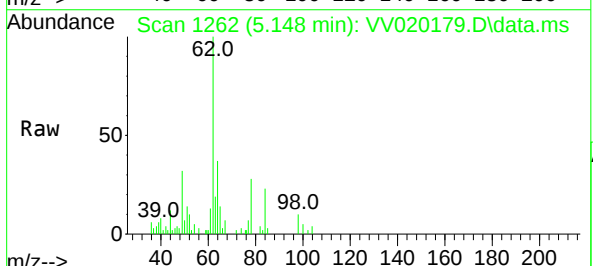
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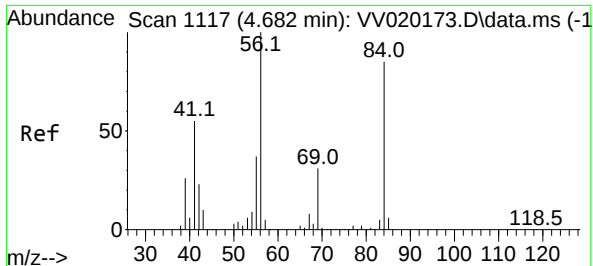


#27

1,2-Dichloroethane
Concen: 1.76 ug/L
RT: 5.148 min Scan# 1262
Delta R.T. 0.013 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18

Tgt Ion: 62 Resp: 15171
Ion Ratio Lower Upper
62 100
98 9.9 7.8 11.6





#29

Cyclohexane

Concen: 1.71 ug/L

RT: 4.679 min Scan# 1116

Delta R.T. -0.003 min

Lab File: VV020179.D

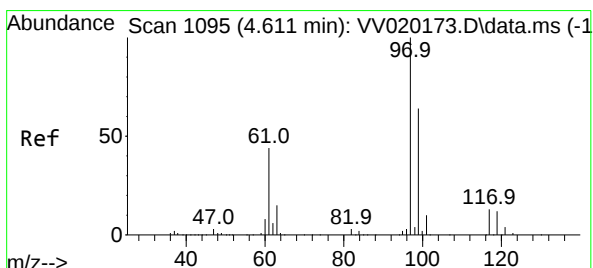
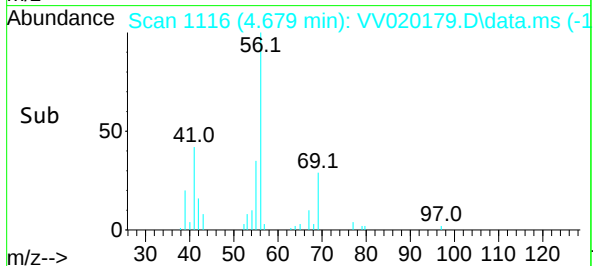
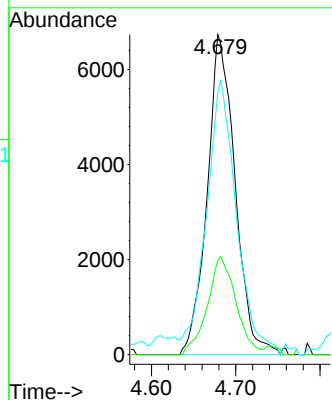
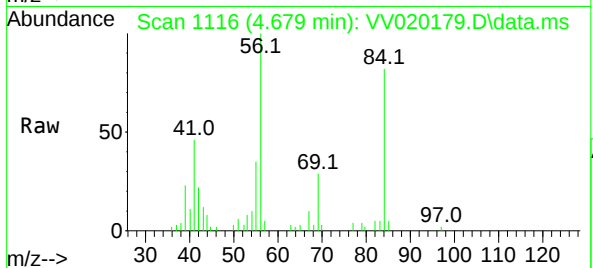
Acq: 26 Jan 2021 19:18

Tgt Ion:	56	Resp:	15496
Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.1	37.7
84	92.5	70.6	106.0

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-02

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#30

1,1,1-Trichloroethane

Concen: 1.69 ug/L

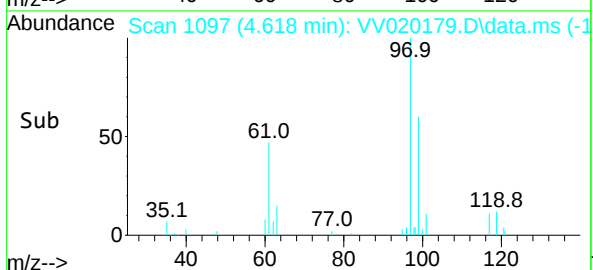
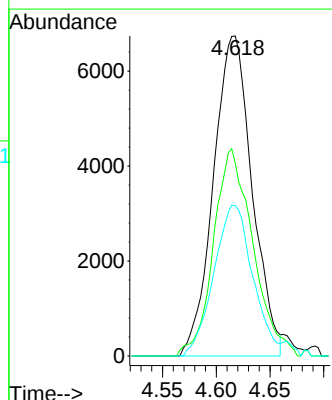
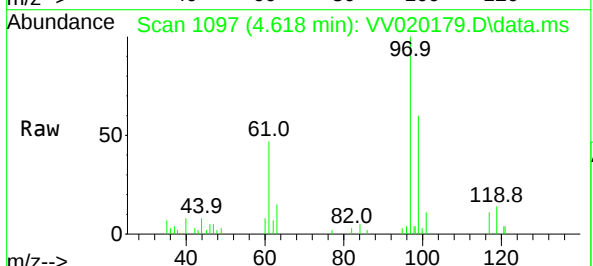
RT: 4.618 min Scan# 1097

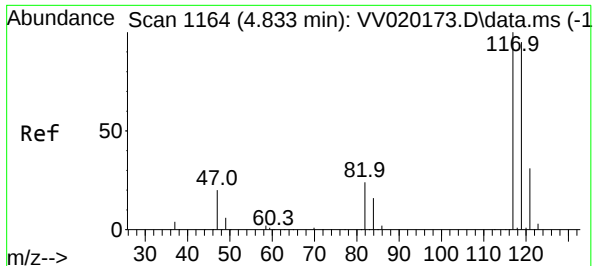
Delta R.T. 0.007 min

Lab File: VV020179.D

Acq: 26 Jan 2021 19:18

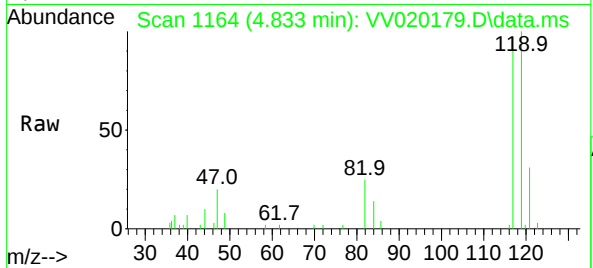
Tgt Ion:	97	Resp:	16901
Ion	Ratio	Lower	Upper
97	100		
99	65.7	51.9	77.9
61	47.3	35.4	53.2





#31
Carbon tetrachloride
Concen: 1.66 ug/L
RT: 4.833 min Scan# 1164
Delta R.T. 0.000 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18

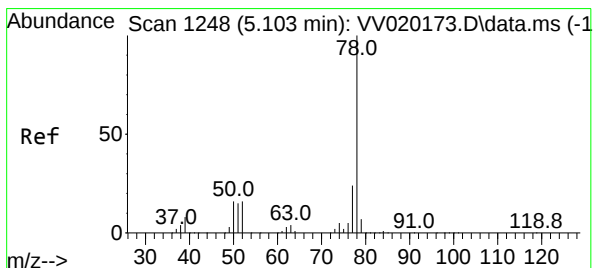
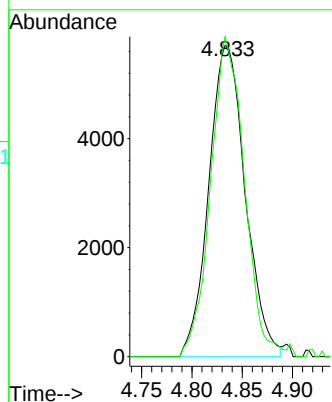
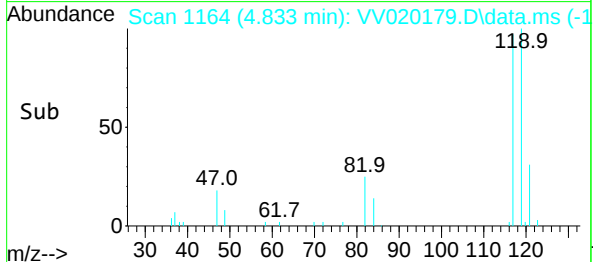
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-02



Tgt Ion:117 Resp: 14405
Ion Ratio Lower Upper
117 100
119 95.2 76.9 115.3

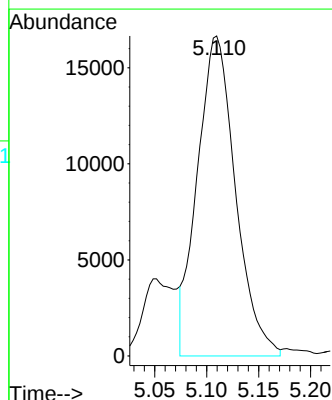
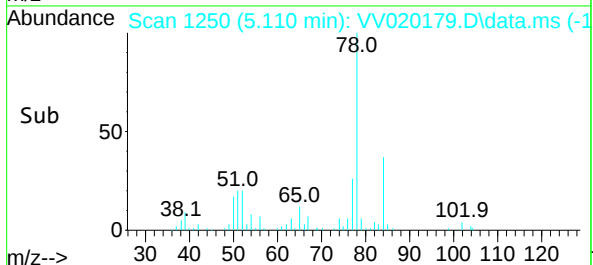
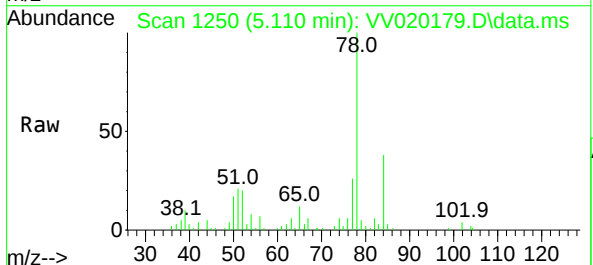
Manual Integrations
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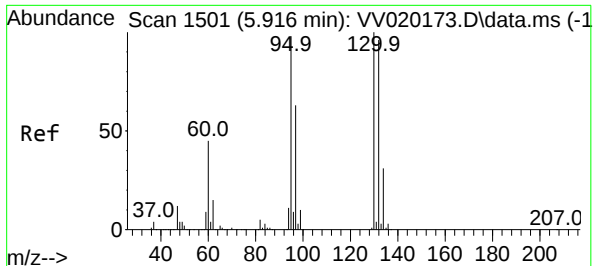
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#33
Benzene
Concen: 1.80 ug/L
RT: 5.110 min Scan# 1250
Delta R.T. 0.007 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18

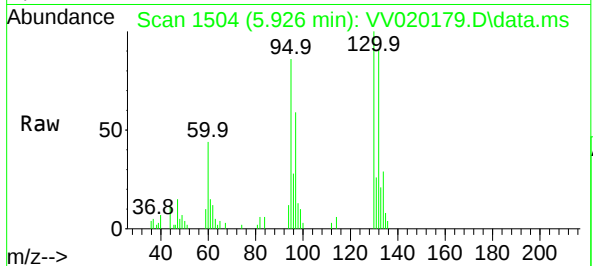
Tgt Ion: 78 Resp: 42437





#34
Trichloroethene
Concen: 1.69 ug/L
RT: 5.926 min Scan# 1504
Delta R.T. 0.010 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18

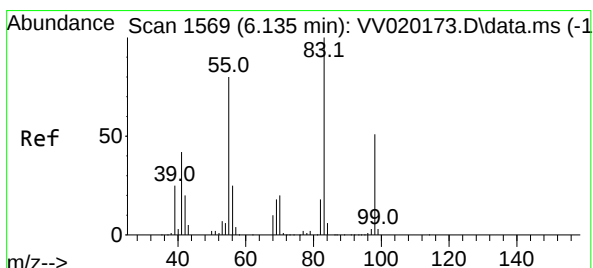
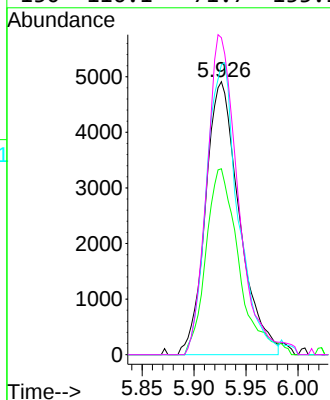
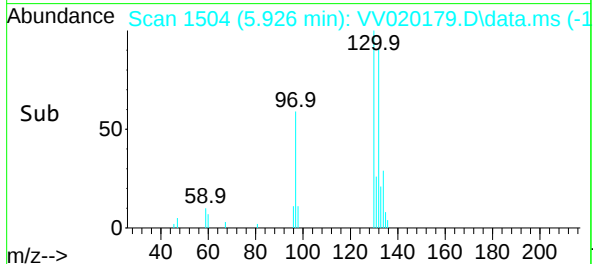
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-02



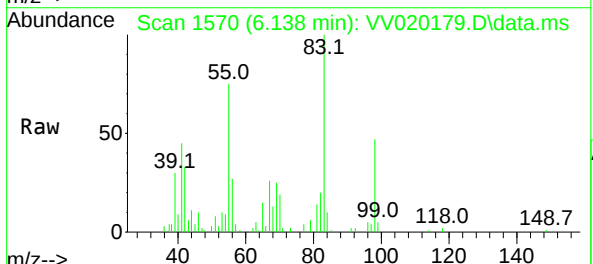
Tgt Ion: 95 Resp: 11128
Ion Ratio Lower Upper
95 100
97 68.1 45.4 84.4
132 106.2 68.7 127.7
130 116.1 71.7 133.1

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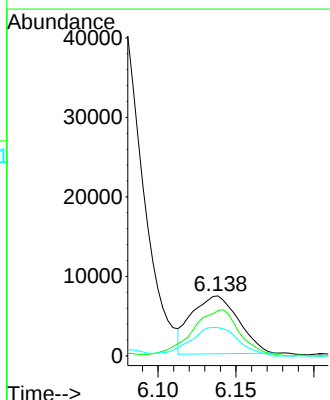
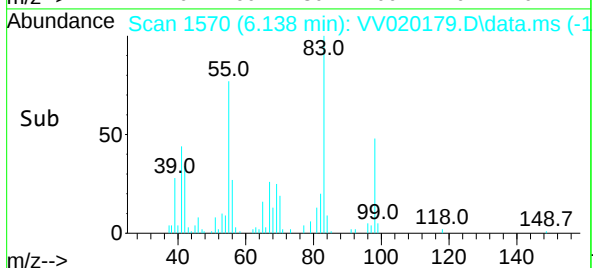
MMDadoda
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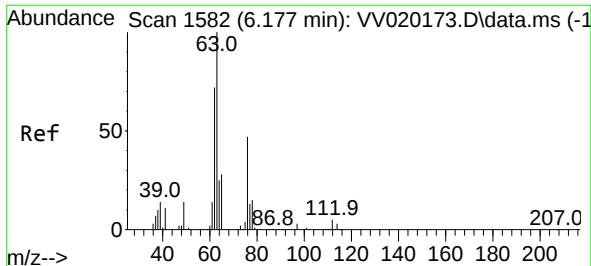


#35
Methylcyclohexane
Concen: 1.58 ug/L
RT: 6.138 min Scan# 1570
Delta R.T. 0.003 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18



Tgt Ion: 83 Resp: 15236
Ion Ratio Lower Upper
83 100
55 81.0 61.4 92.0
98 50.2 39.9 59.9





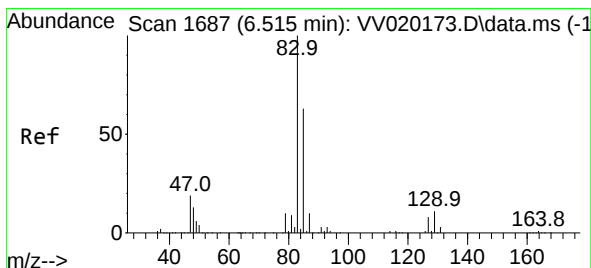
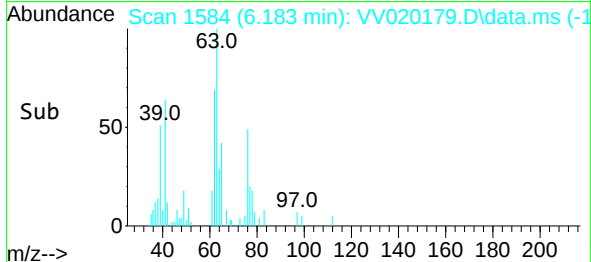
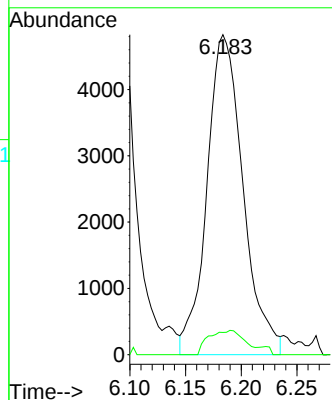
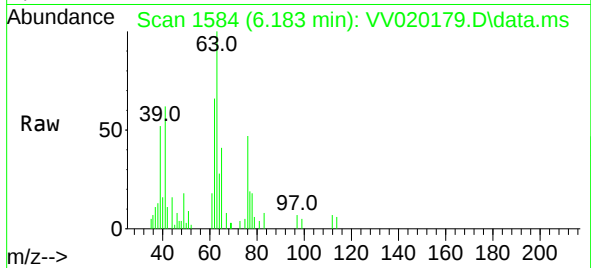
#37
1,2-Dichloropropane
Concen: 1.71 ug/L
RT: 6.183 min Scan# 1584
Delta R.T. 0.007 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18

Tgt Ion: 63 Resp: 10893
Ion Ratio Lower Upper
63 100
112 3.5 3.9 5.9#

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-02

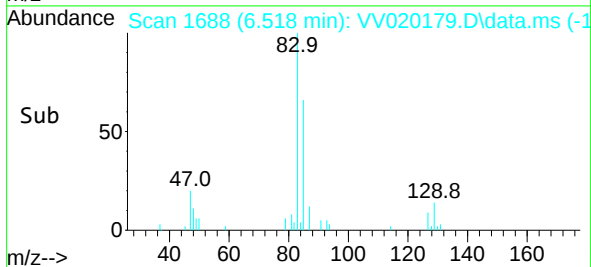
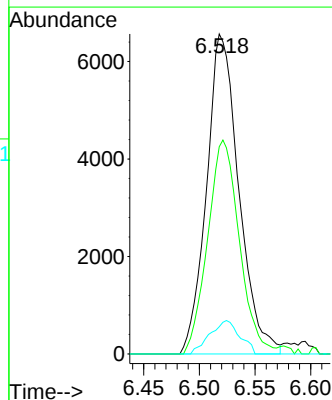
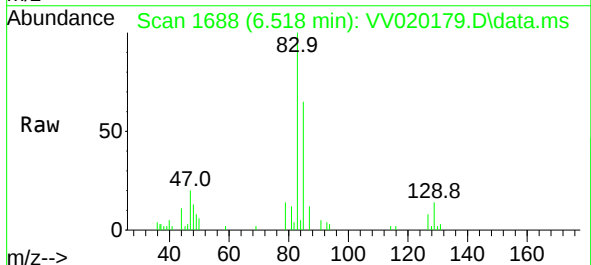
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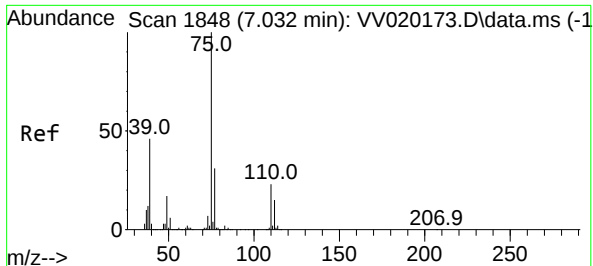
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#38
Bromodichloromethane
Concen: 1.54 ug/L
RT: 6.518 min Scan# 1688
Delta R.T. 0.003 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18

Tgt Ion: 83 Resp: 13242
Ion Ratio Lower Upper
83 100
85 64.7 44.2 82.2
127 8.5 6.8 10.2





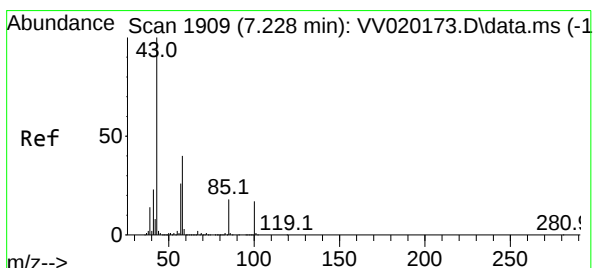
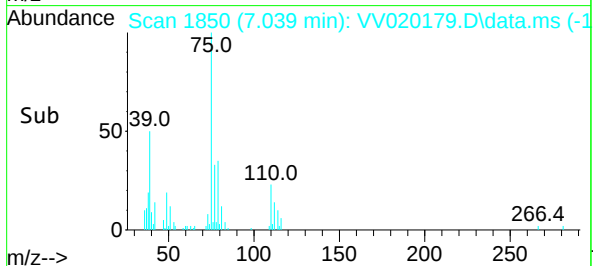
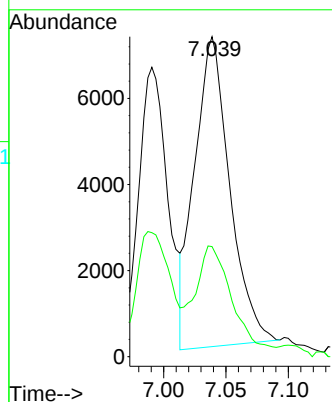
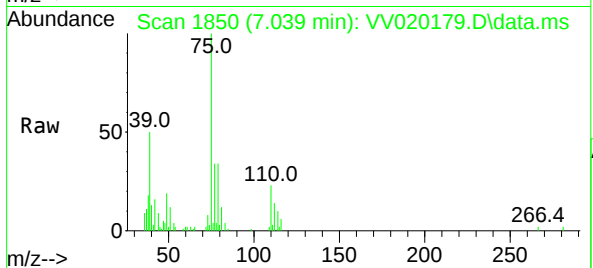
#39
 cis-1,3-Dichloropropene
 Concen: 1.48 ug/L
 RT: 7.039 min Scan# 1850
 Delta R.T. 0.007 min
 Lab File: VV020179.D
 Acq: 26 Jan 2021 19:18

Tgt Ion: 75 Resp: 14147
 Ion Ratio Lower Upper
 75 100
 77 34.4 21.8 40.6

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT1-2021-02

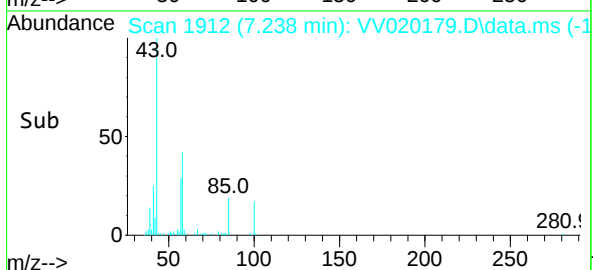
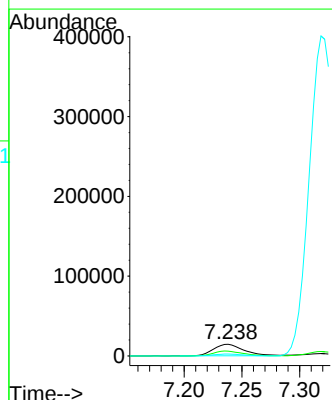
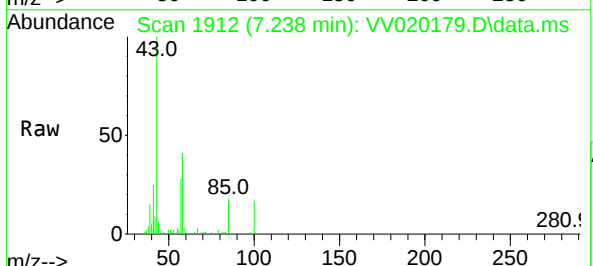
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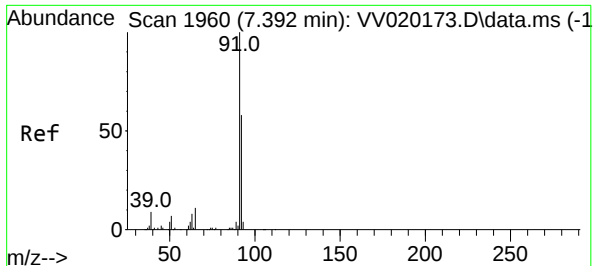
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#40
 4-Methyl-2-pentanone
 Concen: 3.07 ug/L
 RT: 7.238 min Scan# 1912
 Delta R.T. 0.010 min
 Lab File: VV020179.D
 Acq: 26 Jan 2021 19:18

Tgt Ion: 43 Resp: 26792
 Ion Ratio Lower Upper
 43 100
 58 42.5 32.1 48.1
 100 17.0 13.4 20.0





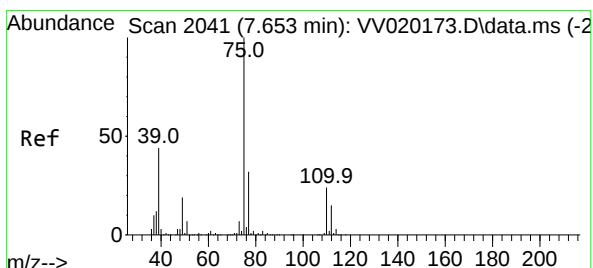
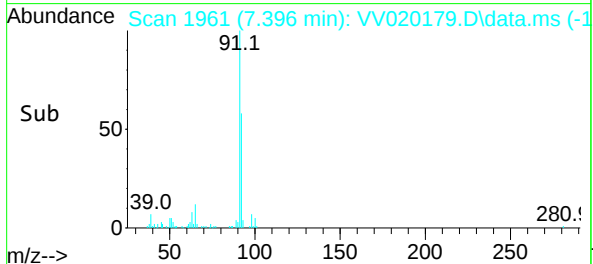
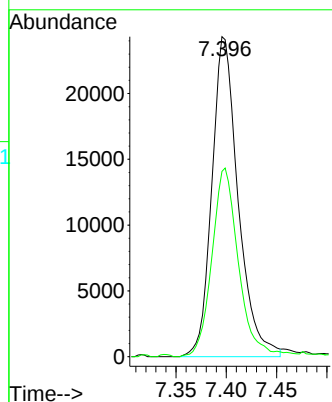
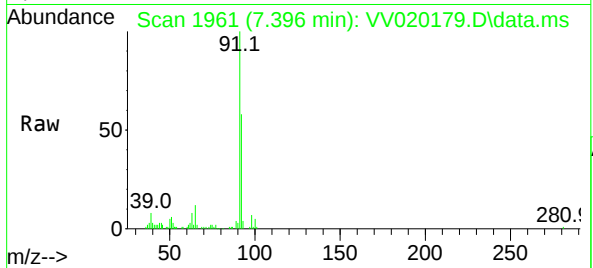
#42
Toluene
Concen: 1.73 ug/L
RT: 7.396 min Scan# 1961
Delta R.T. 0.003 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18

Tgt Ion: 91 Resp: 44227
Ion Ratio Lower Upper
91 100
92 57.9 40.9 75.9

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-02

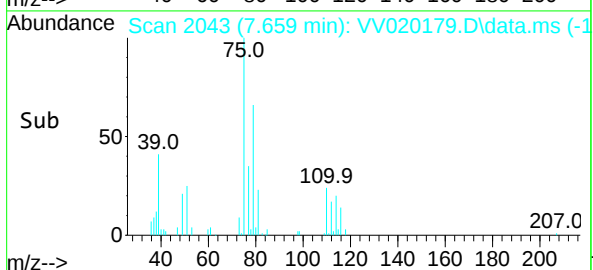
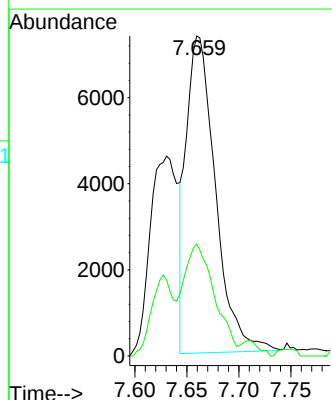
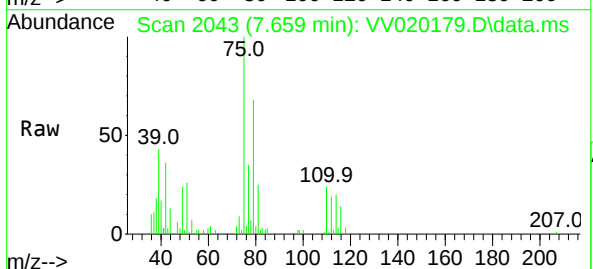
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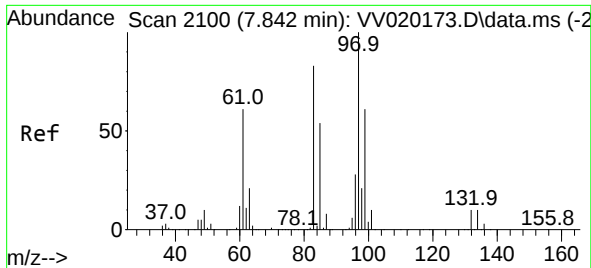
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#44
trans-1,3-Dichloropropene
Concen: 1.56 ug/L
RT: 7.659 min Scan# 2043
Delta R.T. 0.007 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18

Tgt Ion: 75 Resp: 14386
Ion Ratio Lower Upper
75 100
77 35.0 22.5 41.7





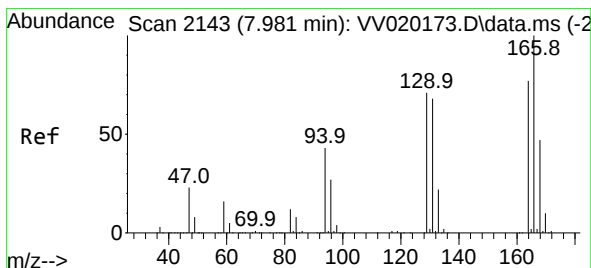
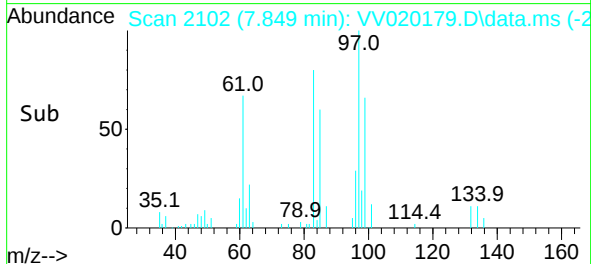
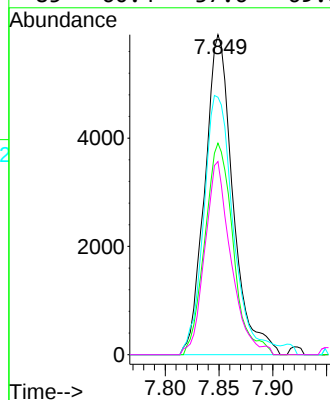
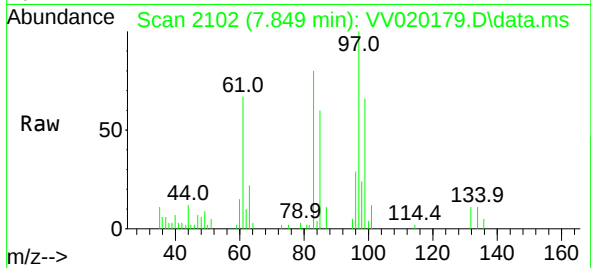
#45
1,1,2-Trichloroethane
Concen: 1.76 ug/L
RT: 7.849 min Scan# 2102
Delta R.T. 0.007 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18

Tgt Ion: 97	Resp: 10765
Ion Ratio	Lower Upper
97 100	
99 66.1	43.0 79.8
83 80.5	57.8 107.4
85 60.4	37.6 69.8

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-02

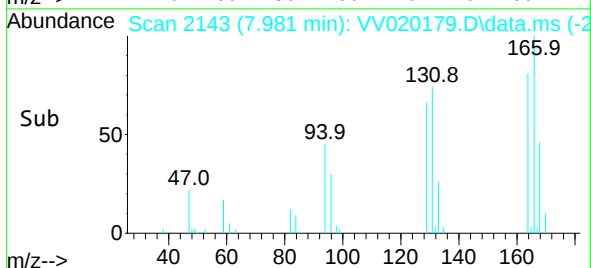
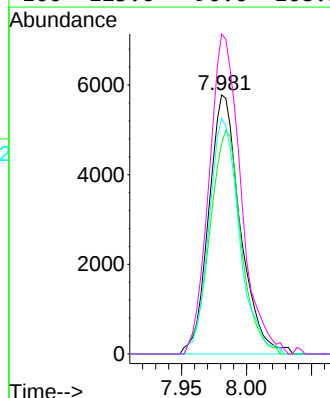
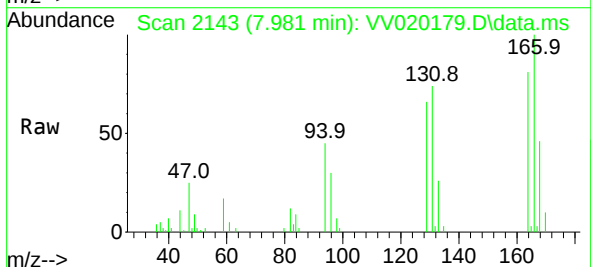
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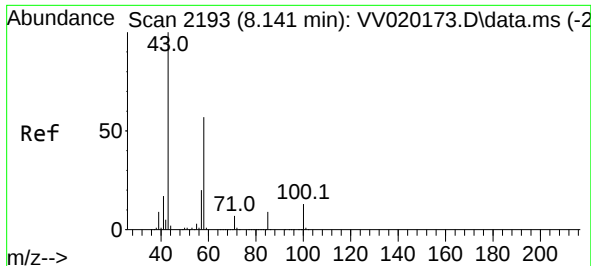
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#46
Tetrachloroethene
Concen: 1.79 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. 0.000 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18

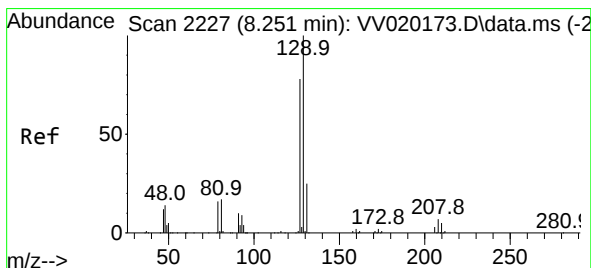
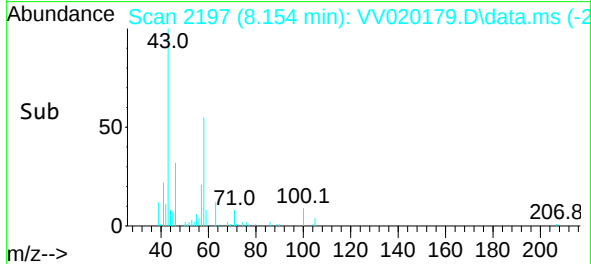
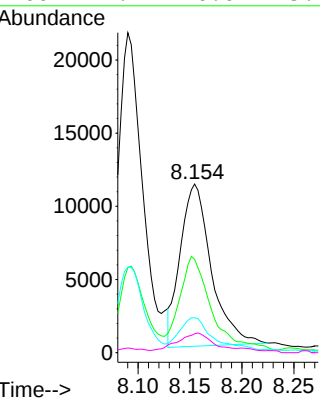
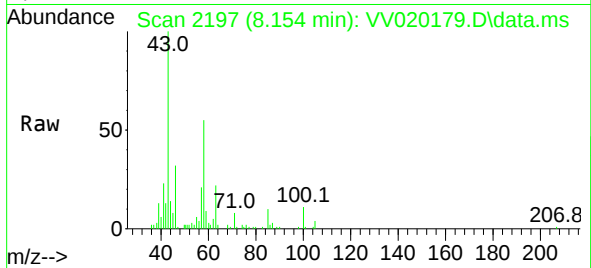
Tgt	Ion:164	Resp:	9672
Ion	Ratio	Lower	Upper
164	100		
129	81.3	64.0	118.8
131	91.0	61.2	113.8
166	123.6	90.6	168.3





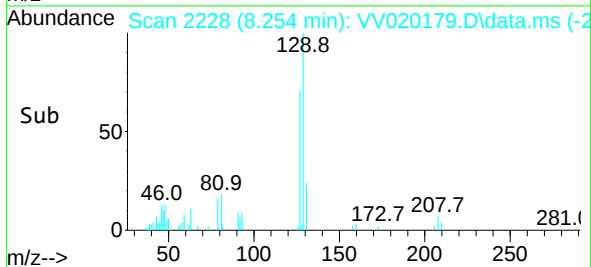
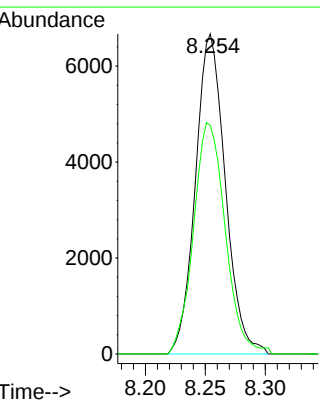
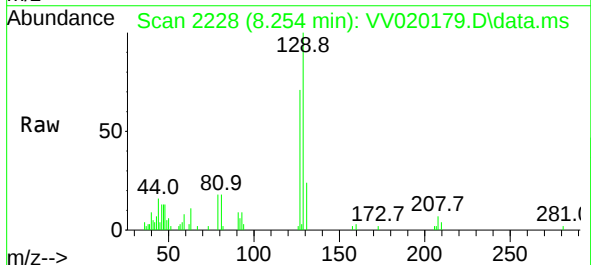
#48
2-Hexanone
Concen: 3.69 ug/L
RT: 8.154 min Scan# 2197
Delta R.T. 0.013 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18

Tgt Ion:	43	Resp:	23054
Ion	Ratio	Lower	Upper
43	100		
58	63.5	45.3	67.9
57	17.0	15.8	23.6
100	11.9	10.6	15.8



#49
Dibromochloromethane
Concen: 1.70 ug/L
RT: 8.254 min Scan# 2228
Delta R.T. 0.003 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18

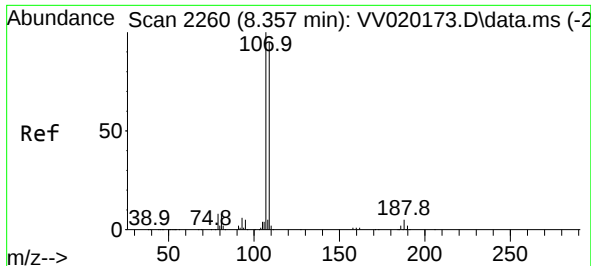
Tgt Ion:	129	Resp:	11560
Ion	Ratio	Lower	Upper
129	100		
127	71.4	54.7	101.7



Instrument :
MSVOA_V
ClientSampleId :
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#50

1,2-Dibromoethane

Concen: 1.80 ug/L

RT: 8.363 min Scan# 2262

Delta R.T. 0.007 min

Lab File: VV020179.D

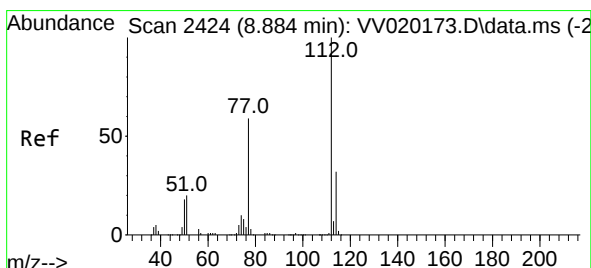
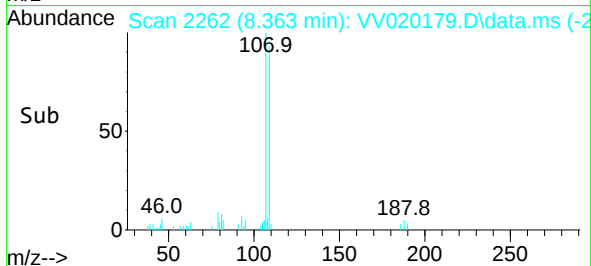
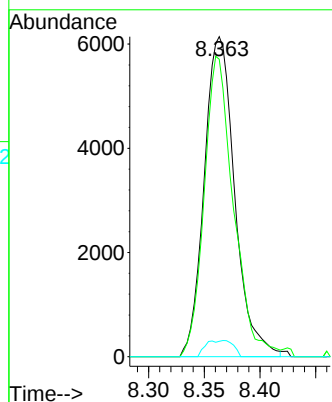
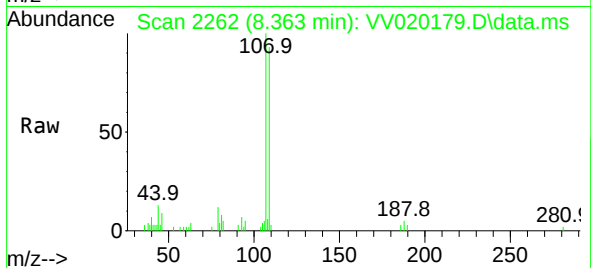
Acq: 26 Jan 2021 19:18

Tgt Ion:	107	Resp:	11706
Ion	Ratio	Lower	Upper
107	100		
109	92.9	66.2	123.0
188	4.8	3.6	5.4

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-02

Manual Integrations
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#51

Chlorobenzene

Concen: 1.80 ug/L

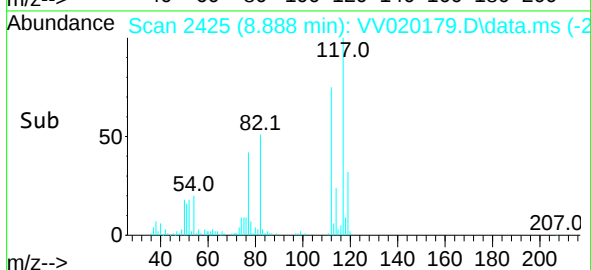
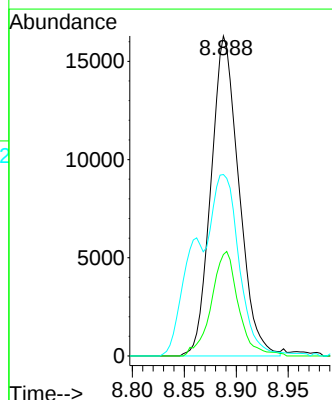
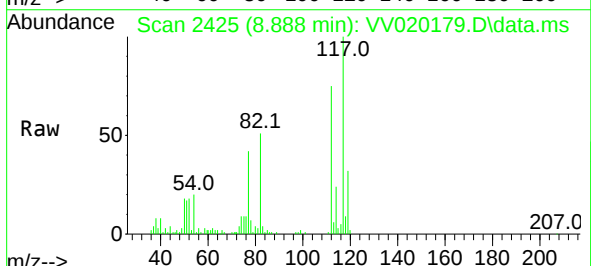
RT: 8.888 min Scan# 2425

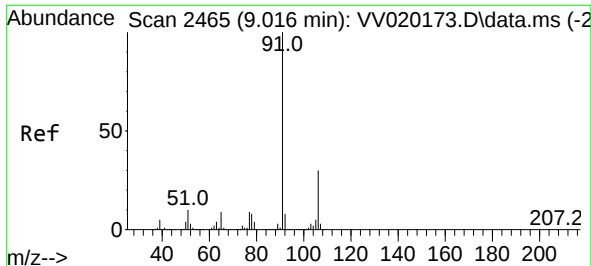
Delta R.T. 0.003 min

Lab File: VV020179.D

Acq: 26 Jan 2021 19:18

Tgt Ion:	112	Resp:	30386
Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.5	41.7
77	56.7	47.3	70.9





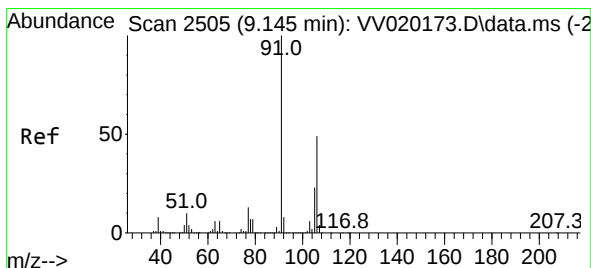
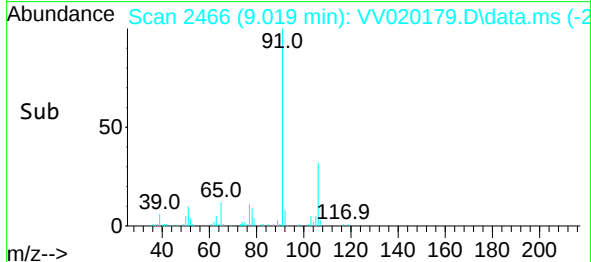
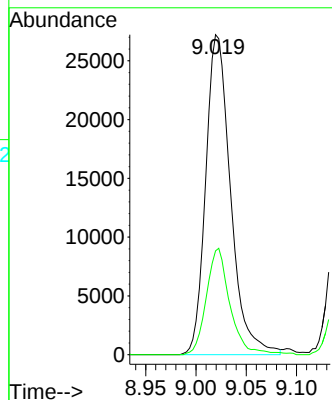
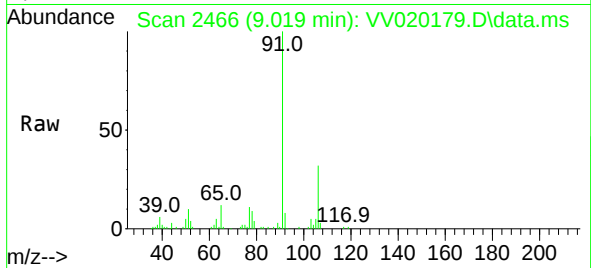
#52
Ethylbenzene
Concen: 1.67 ug/L
RT: 9.019 min Scan# 2466
Delta R.T. 0.003 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18

Tgt Ion: 91 Resp: 46888
Ion Ratio Lower Upper
91 100
106 32.4 21.3 39.6

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-02

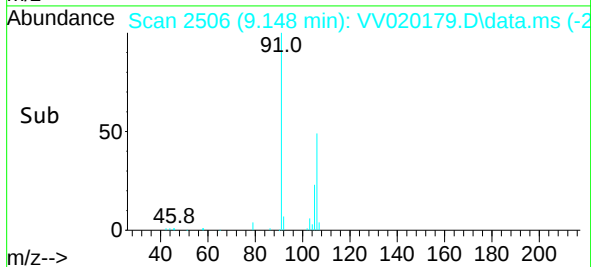
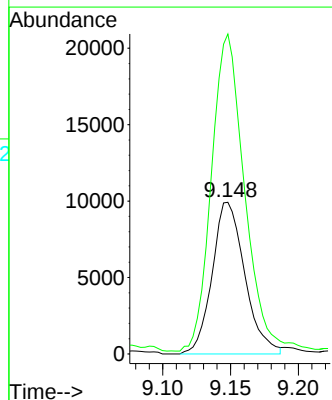
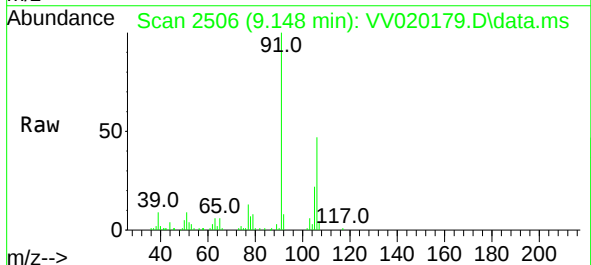
Manual Integrations
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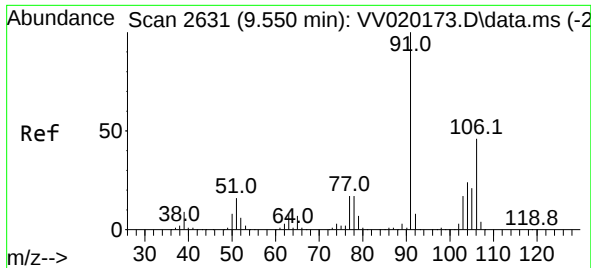
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#53
m,p-Xylene
Concen: 1.55 ug/L
RT: 9.148 min Scan# 2506
Delta R.T. 0.003 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18

Tgt Ion: 106 Resp: 16653
Ion Ratio Lower Upper
106 100
91 210.9 143.1 265.7





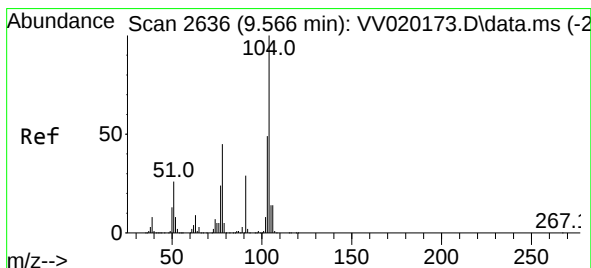
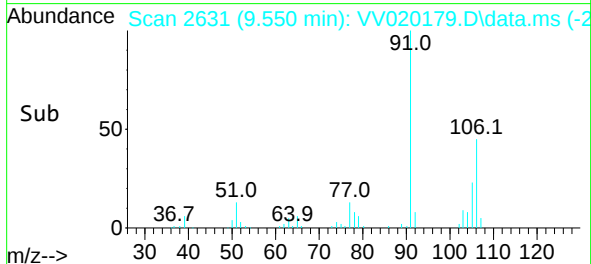
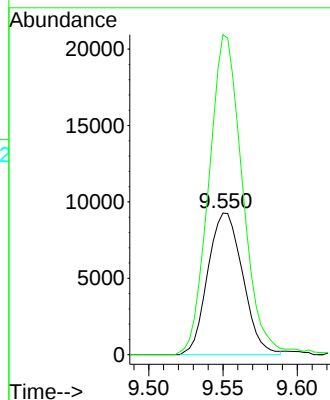
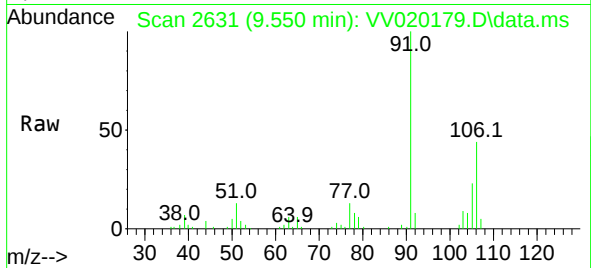
#54
o-Xylene
Concen: 1.44 ug/L
RT: 9.550 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18

Tgt Ion:106 Resp: 15172
Ion Ratio Lower Upper
106 100
91 225.9 153.6 285.3

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-02

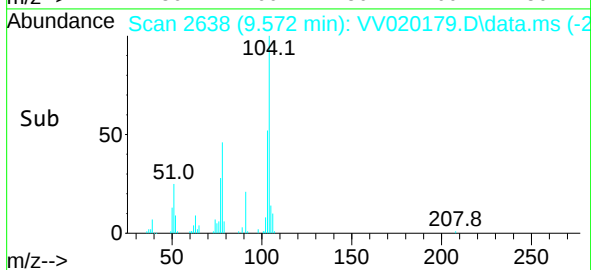
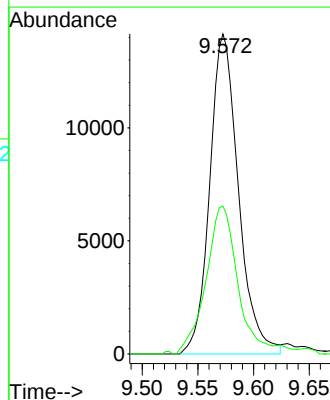
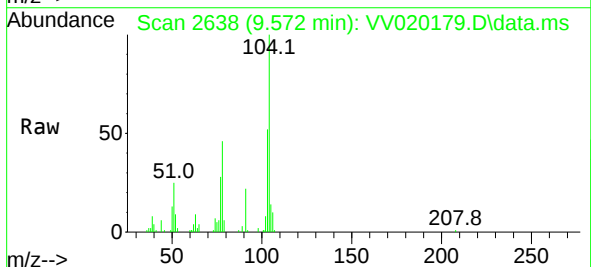
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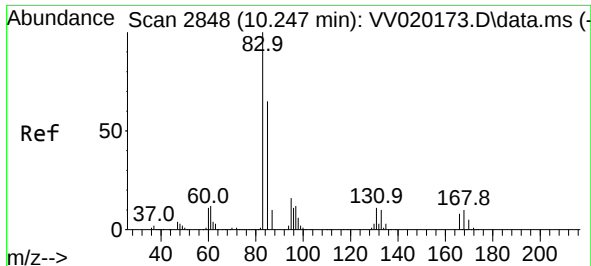
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#55
Styrene
Concen: 1.39 ug/L
RT: 9.572 min Scan# 2638
Delta R.T. 0.007 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18

Tgt Ion:104 Resp: 25352
Ion Ratio Lower Upper
104 100
78 46.2 31.6 58.8





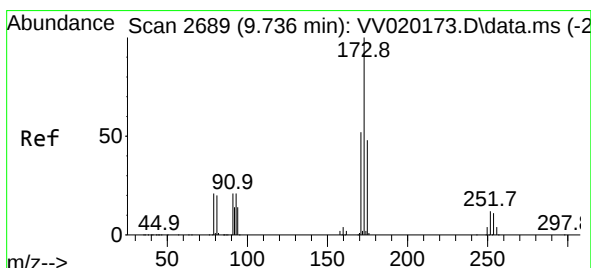
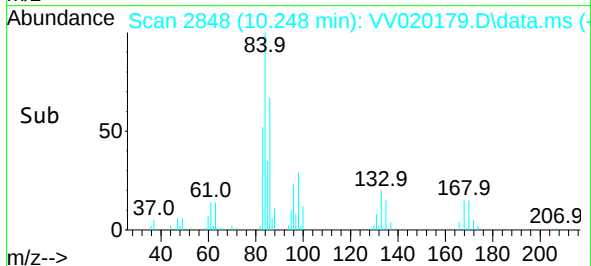
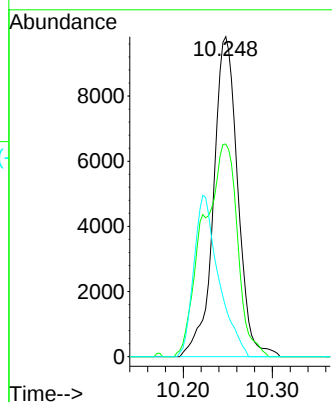
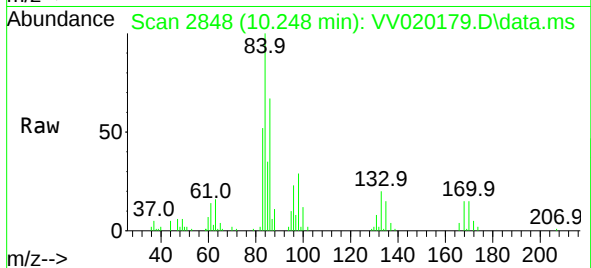
#57
1,1,2,2-Tetrachloroethane
Concen: 1.87 ug/L
RT: 10.248 min Scan# 2848
Delta R.T. 0.000 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18

Tgt Ion:	83	Resp:	18637
Ion Ratio	Lower	Upper	
83	100		
85	66.4	45.4	84.4
131	15.4	8.6	12.8#

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT1-2021-02

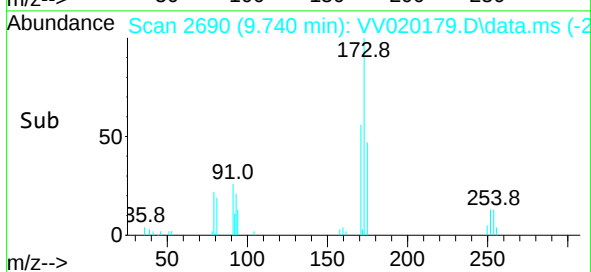
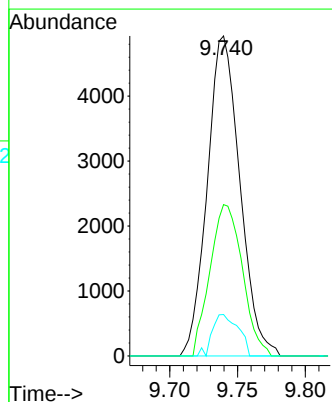
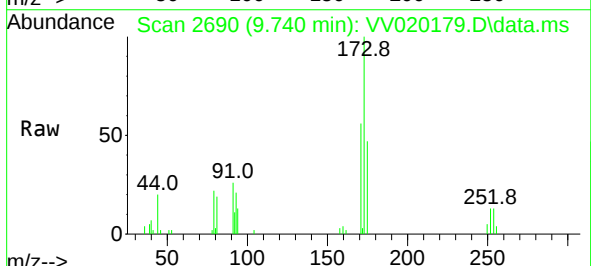
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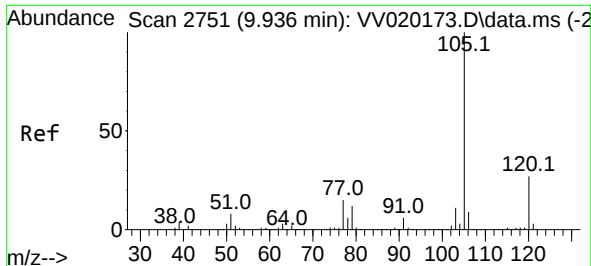
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#59
Bromoform
Concen: 1.60 ug/L
RT: 9.740 min Scan# 2690
Delta R.T. 0.003 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18

Tgt Ion:	173	Resp:	8246
Ion Ratio	Lower	Upper	
173	100		
175	46.9	39.0	58.6
254	10.0	9.5	14.3





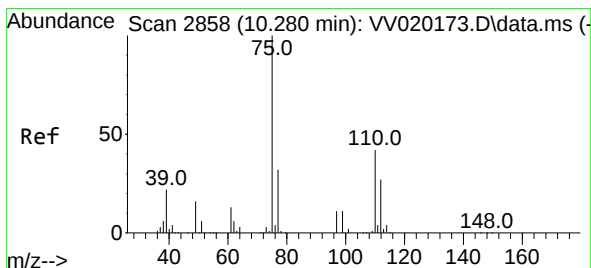
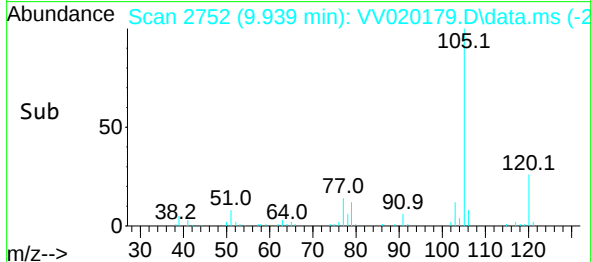
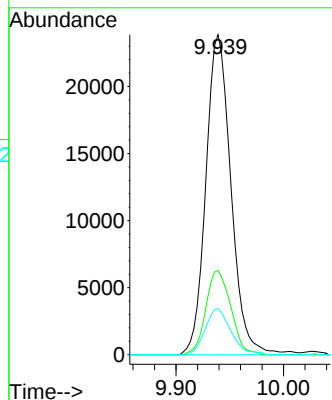
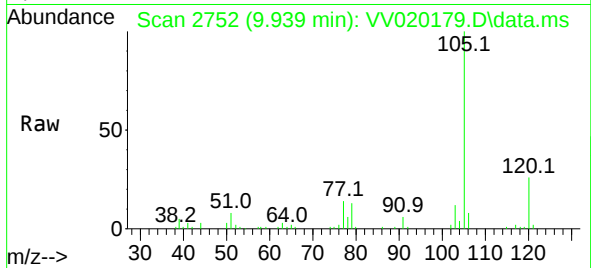
#60
Isopropylbenzene
Concen: 1.47 ug/L
RT: 9.939 min Scan# 2752
Delta R.T. 0.003 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18

Tgt Ion:	105	Resp:	38688
Ion Ratio	Lower	Upper	
105	100		
120	26.2	21.2	31.8
77	14.7	11.8	17.6

Instrument :
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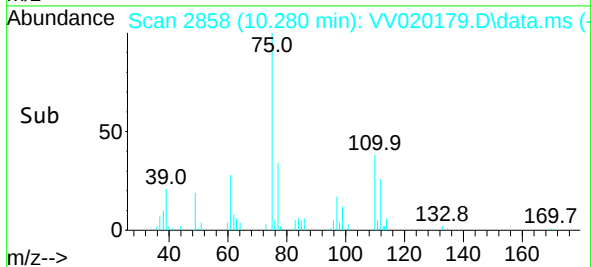
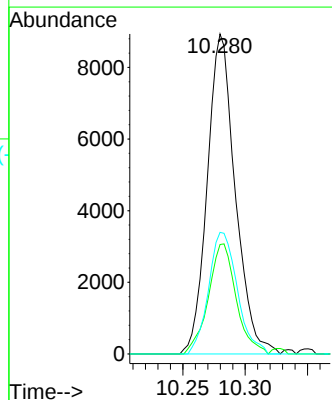
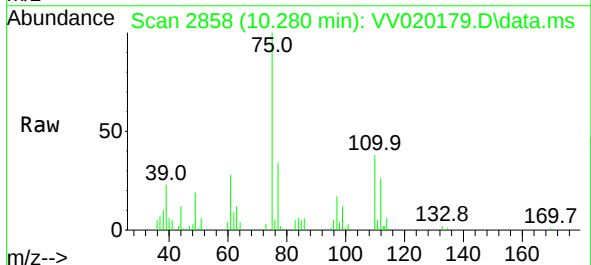
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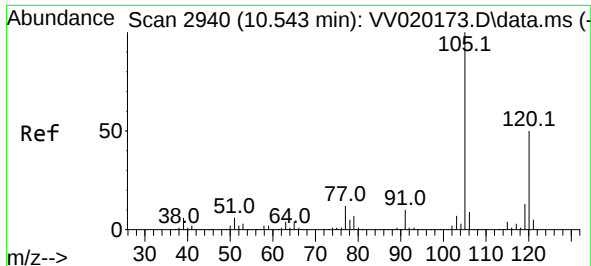
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#61
1,2,3-Trichloropropane
Concen: 1.86 ug/L
RT: 10.280 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18

Tgt Ion:	75	Resp:	13966
Ion Ratio	Lower	Upper	
75	100		
77	34.1	25.7	38.5
110	38.9	33.3	49.9





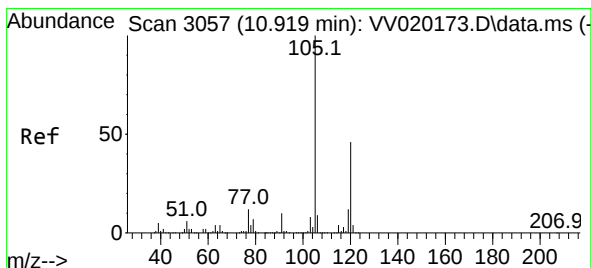
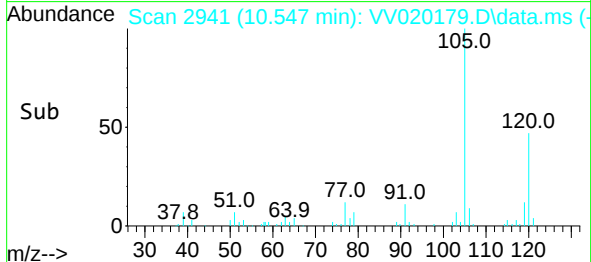
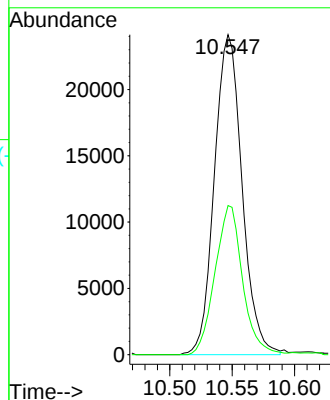
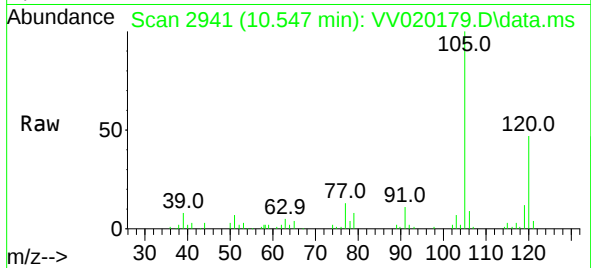
#62
1,3,5-Trimethylbenzene
Concen: 1.65 ug/L
RT: 10.547 min Scan# 2941
Delta R.T. 0.003 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18

Tgt Ion:105 Resp: 37316
Ion Ratio Lower Upper
105 100
120 46.4 39.9 59.9

Instrument :
MSVOA_V
ClientSampleId :
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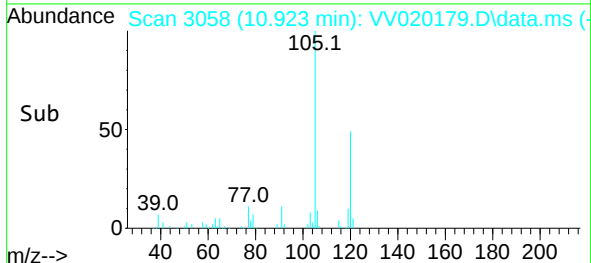
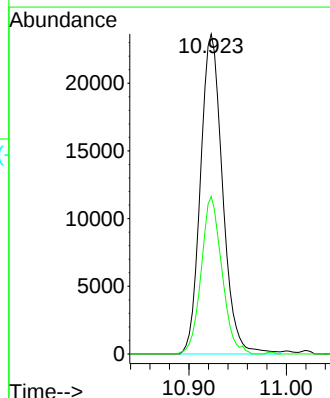
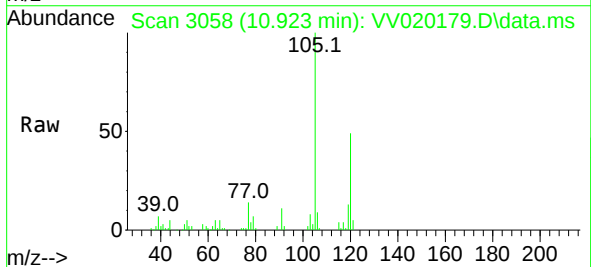
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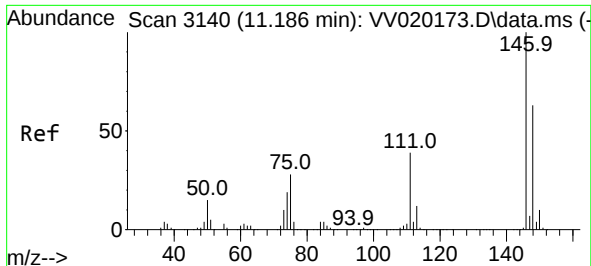
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#63
1,2,4-Trimethylbenzene
Concen: 1.67 ug/L
RT: 10.923 min Scan# 3058
Delta R.T. 0.003 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18

Tgt Ion:105 Resp: 37162
Ion Ratio Lower Upper
105 100
120 46.1 37.0 55.6





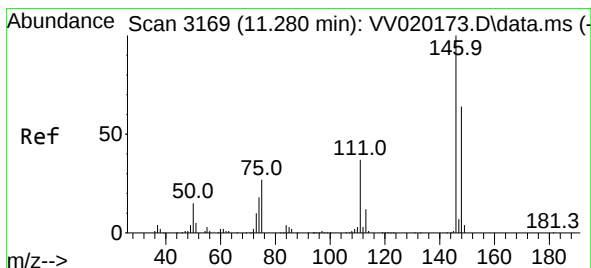
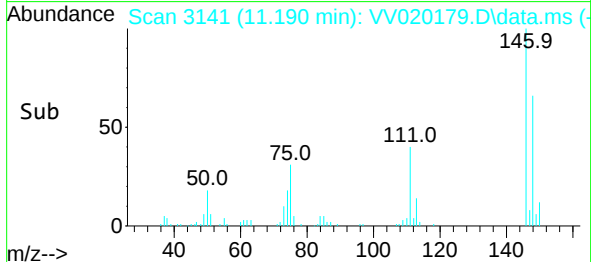
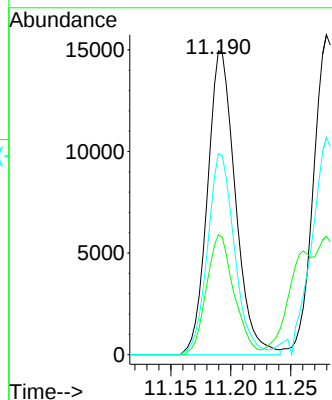
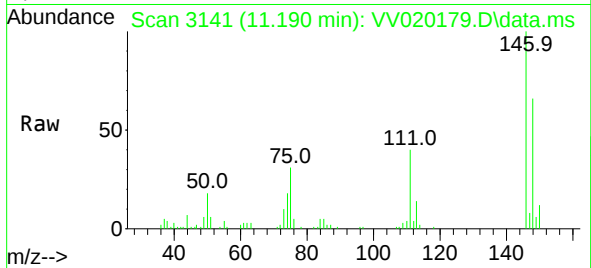
#64
1,3-Dichlorobenzene
Concen: 1.78 ug/L
RT: 11.190 min Scan# 3141
Delta R.T. 0.003 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18

Tgt Ion:146 Resp: 24179
Ion Ratio Lower Upper
146 100
111 39.5 27.4 51.0
148 66.2 44.1 81.9

Instrument :
MSVOA_V
ClientSampleId :
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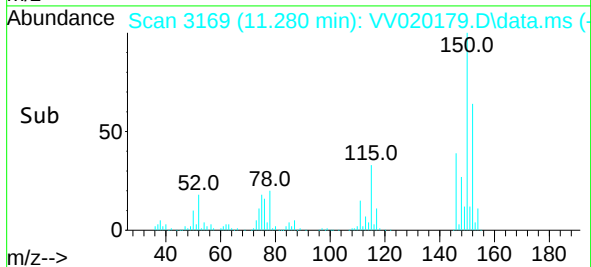
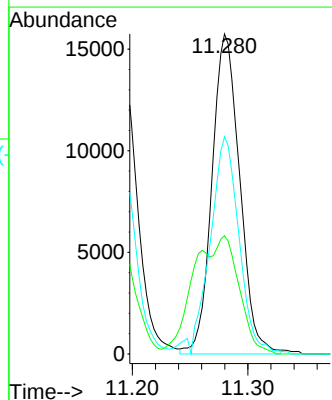
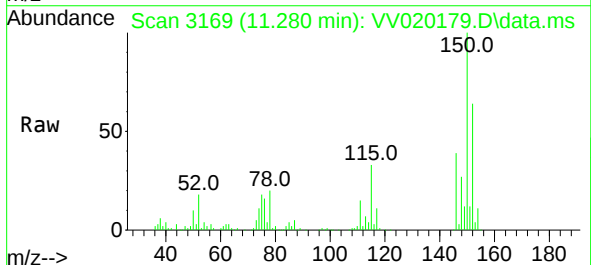
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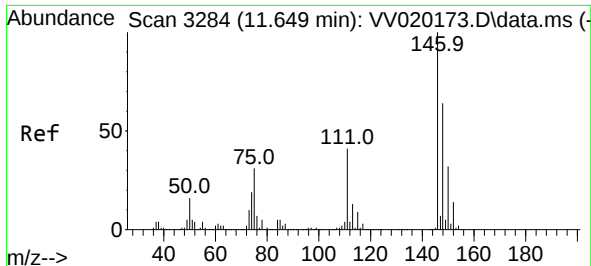
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#65
1,4-Dichlorobenzene
Concen: 1.88 ug/L
RT: 11.280 min Scan# 3169
Delta R.T. 0.000 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18

Tgt Ion:146 Resp: 26272
Ion Ratio Lower Upper
146 100
111 37.0 26.1 48.5
148 67.9 44.6 82.8





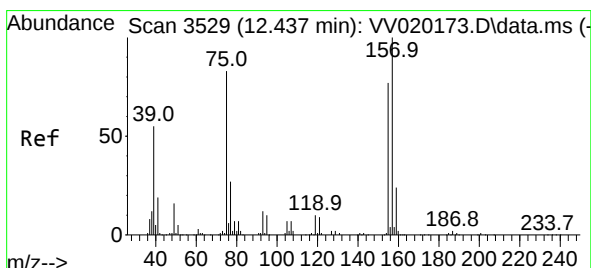
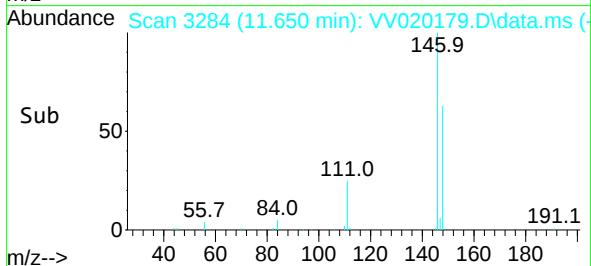
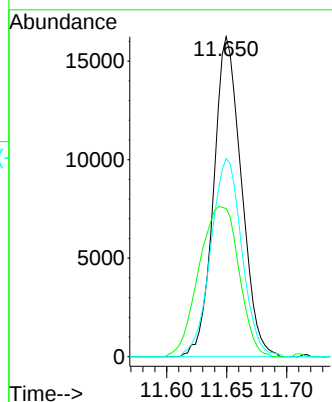
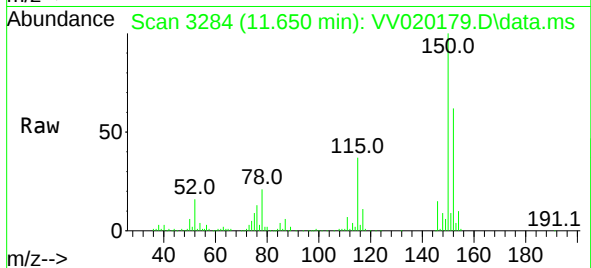
#67
1,2-Dichlorobenzene
Concen: 1.91 ug/L
RT: 11.650 min Scan# 3284
Delta R.T. 0.000 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.3	32.4	48.6
148	61.9	51.0	76.4

Instrument :
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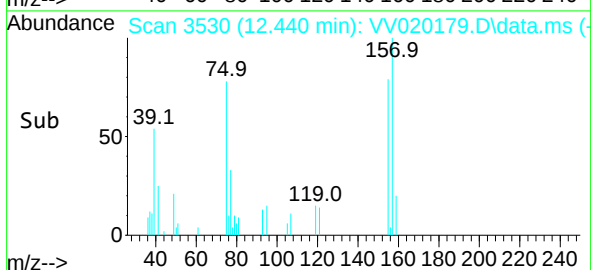
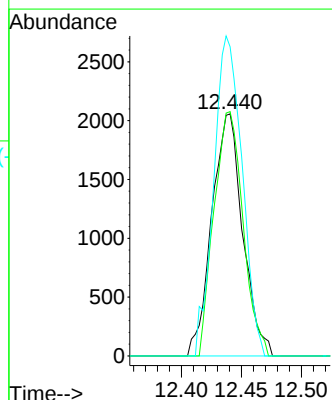
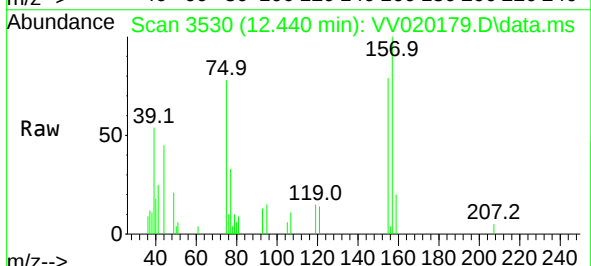
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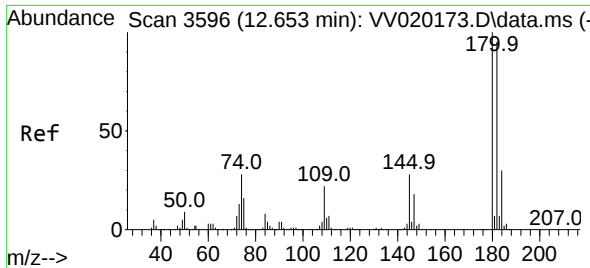
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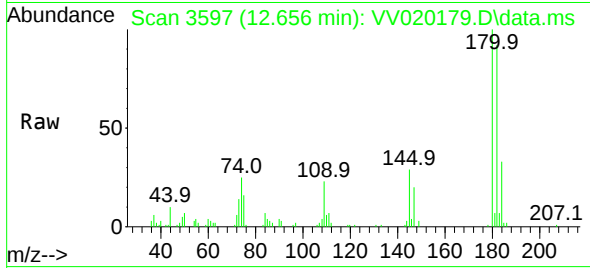
#68
1,2-Dibromo-3-chloropropane
Concen: 1.67 ug/L
RT: 12.440 min Scan# 3530
Delta R.T. 0.003 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.9	74.1	111.1
157	127.8	95.8	143.8

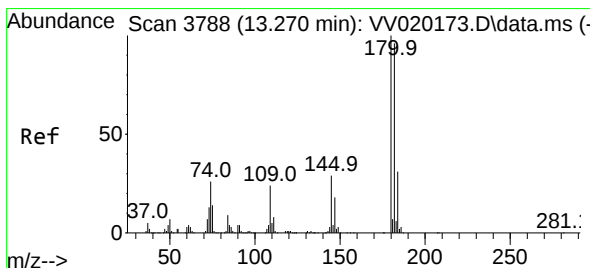
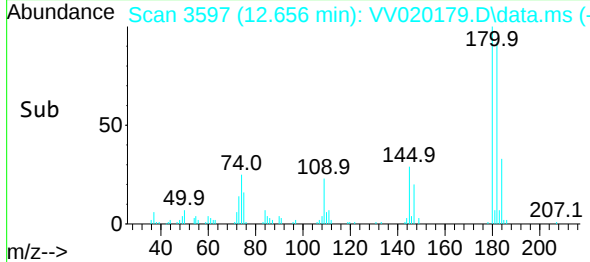
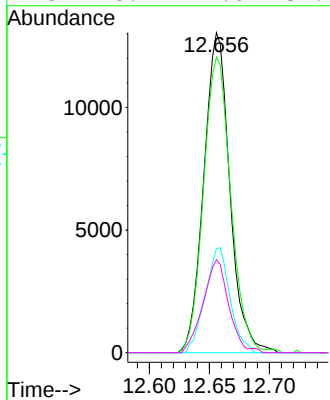




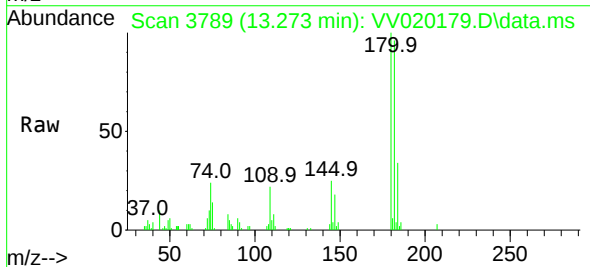
#69
1,3,5-Trichlorobenzene
Concen: 1.73 ug/L
RT: 12.656 min Scan# 3597
Delta R.T. 0.003 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18



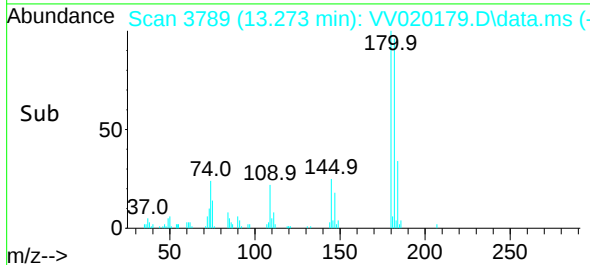
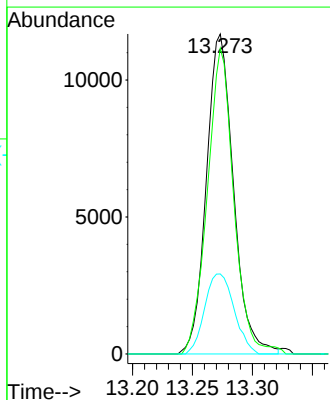
Tgt Ion:180 Resp: 19697
Ion Ratio Lower Upper
180 100
182 96.5 76.1 114.1
184 31.2 24.1 36.1
145 28.2 22.6 34.0



#70
1,2,4-trichlorobenzene
Concen: 1.74 ug/L
RT: 13.273 min Scan# 3789
Delta R.T. 0.003 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18



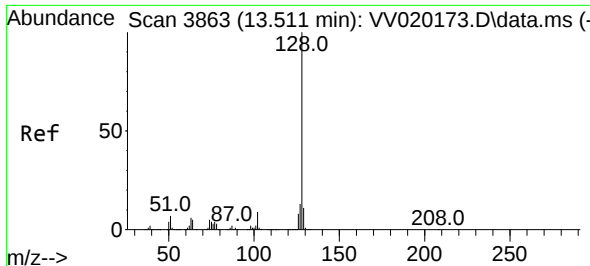
Tgt Ion:180 Resp: 18368
Ion Ratio Lower Upper
180 100
182 92.4 77.1 115.7
145 27.1 23.4 35.2



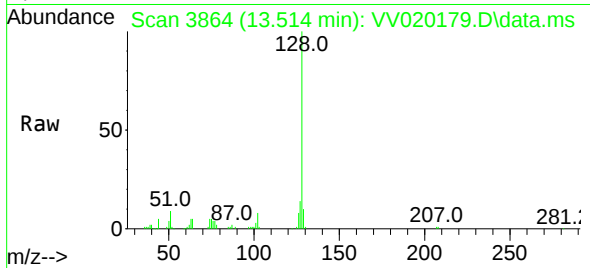
Instrument :
MSVOA_V
ClientSampleId :
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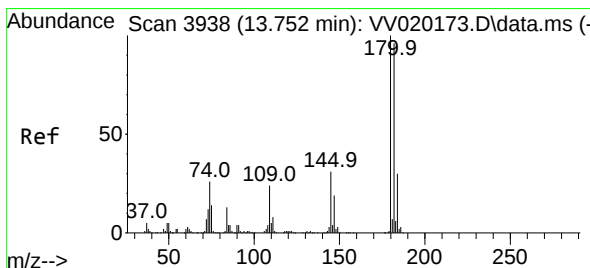
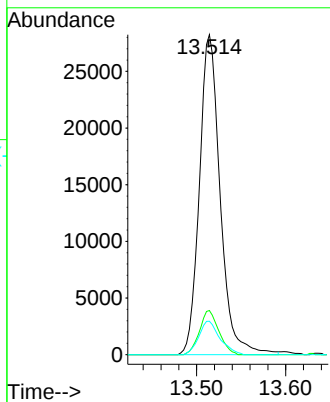
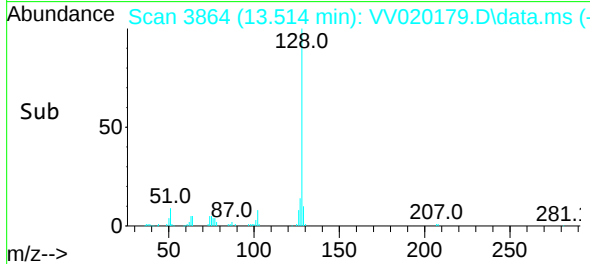
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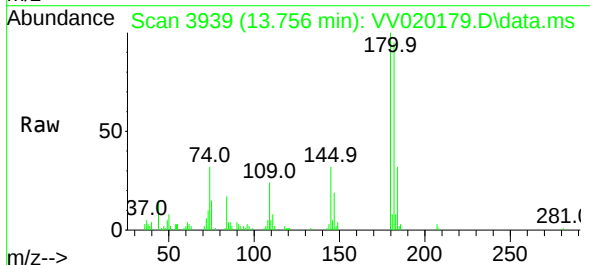
#71
Naphthalene
Concen: 1.54 ug/L
RT: 13.514 min Scan# 3864
Delta R.T. 0.003 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18



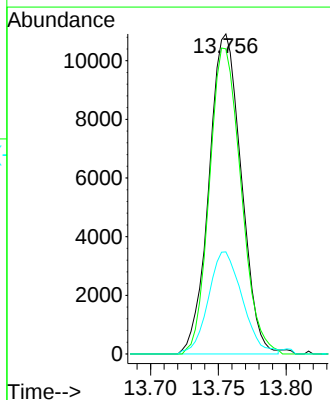
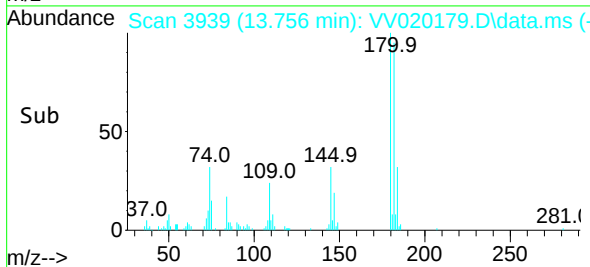
Tgt Ion:128 Resp: 45756
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.6 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 1.72 ug/L
RT: 13.756 min Scan# 3939
Delta R.T. 0.003 min
Lab File: VV020179.D
Acq: 26 Jan 2021 19:18



Tgt Ion:180 Resp: 18022
Ion Ratio Lower Upper
180 100
182 93.6 76.6 114.8
145 33.5 24.5 36.7



Instrument :
MSVOA_V
ClientSampleId :
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