

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011221\
 Data File : VU041970.D
 Acq On : 12 Jan 2021 15:43
 Operator : SY/MD
 Sample : L5214-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Jan 13 06:03:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM011221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 13 05:59:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.263	114	277505	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	224622	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	101437	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	137634	45.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.44%		
7) Chloroethane-d5	1.916	69	113666	47.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.00%		
11) 1,1-Dichloroethene-d2	2.575	63	172812	34.97	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.94%		
21) 2-Butanone-d5	4.642	46	206148	89.35	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.35%		
24) Chloroform-d	5.080	84	203817	43.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.70%		
26) 1,2-Dichloroethane-d4	5.716	65	144072	49.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.60%		
32) Benzene-d6	5.742	84	437941	55.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	111.58%		
36) 1,2-Dichloropropane-d6	6.703	67	140124	55.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	111.78%		
41) Toluene-d8	7.906	98	349612	52.38	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.76%		
43) trans-1,3-Dichloroprop...	8.186	79	62452	50.46	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	100.92%		
47) 2-Hexanone-d5	8.639	63	131771	97.41	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.41%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	169818	46.84	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.68%		
66) 1,2-Dichlorobenzene-d4	12.189	152	110393	52.28	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.56%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	5663	2.13	ug/L	95
3) Chloromethane	1.523	50	7562	2.44	ug/L	98
5) Vinyl chloride	1.607	62	7643	2.40	ug/L #	56
6) Bromomethane	1.861	94	4243	2.18	ug/L	95
8) Chloroethane	1.938	64	5033	2.58	ug/L	95
9) Trichlorofluoromethane	2.144	101	8869	2.22	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	6193	2.79	ug/L #	84
12) 1,1-Dichloroethene	2.588	96	5968	2.82	ug/L #	1
13) Acetone	2.646	43	8659	4.44	ug/L	89
14) Carbon disulfide	2.803	76	14244	2.08	ug/L	96
15) Methyl Acetate	2.967	43	6455	2.11	ug/L	100
16) Methylene chloride	3.060	84	5701	2.32	ug/L	96
17) trans-1,2-Dichloroethene	3.366	96	4636	2.08	ug/L	95
18) Methyl tert-butyl Ether	3.379	73	15008	2.08	ug/L	99
19) 1,1-Dichloroethane	3.890	63	9149	2.08	ug/L	96
20) cis-1,2-Dichloroethene	4.678	96	4796m	2.00	ug/L	
22) 2-Butanone	4.729	43	9773	3.81	ug/L	93
23) Bromochloromethane	4.993	128	2315	2.01	ug/L	80
25) Chloroform	5.105	83	10403	2.38	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.806	62	7777	2.32	ug/L	98
29) Cyclohexane	5.407	56	7208	2.13	ug/L	96
30) 1,1,1-Trichloroethane	5.330	97	7344	2.19	ug/L #	82
31) Carbon tetrachloride	5.543	117	6370	2.29	ug/L	95
33) Benzene	5.790	78	22382	2.69	ug/L	100
34) Trichloroethene	6.552	95	5586	2.73	ug/L	97
35) Methylcyclohexane	6.774	83	8183	2.72	ug/L #	91
37) 1,2-Dichloropropane	6.803	63	5544	2.54	ug/L #	97
38) Bromodichloromethane	7.118	83	6120	2.25	ug/L	96
39) cis-1,3-Dichloropropene	7.616	75	7534	2.35	ug/L	97
40) 4-Methyl-2-pentanone	7.800	43	15665	4.64	ug/L	96
42) Toluene	7.973	91	19539	2.46	ug/L	98
44) trans-1,3-Dichloropropene	8.214	75	7594	2.46	ug/L	92
45) 1,1,2-Trichloroethane	8.407	97	4683	2.46	ug/L	89
46) Tetrachloroethene	8.555	164	3064	2.38	ug/L	92
48) 2-Hexanone	8.690	43	13834	4.95	ug/L	96
49) Dibromochloromethane	8.813	129	4418	2.18	ug/L	98
50) 1,2-Dibromoethane	8.928	107	4407	2.20	ug/L #	97
51) Chlorobenzene	9.449	112	11738	2.41	ug/L	93
52) Ethylbenzene	9.571	91	17868	2.11	ug/L	98
53) m,p-Xylene	9.697	106	7094	2.31	ug/L	91
54) o-xylene	10.099	106	6376	2.15	ug/L	89
55) Styrene	10.111	104	10639	2.04	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.780	83	7583	2.15	ug/L	95
59) Bromoform	10.292	173	3229	2.45	ug/L #	91
60) 1,2,3-Trichloropropane	10.822	75	6467	2.44	ug/L	99
61) Isopropylbenzene	10.481	105	16304	2.29	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	12977	2.15	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	11802	1.96	ug/L	96
64) 1,3-Dichlorobenzene	11.742	146	7596	2.34	ug/L	95
65) 1,4-Dichlorobenzene	11.832	146	7950	2.45	ug/L	95
67) 1,2-Dichlorobenzene	12.208	146	7849	2.36	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.989	75	1760	2.09	ug/L	96
69) 1,3,5-Trichlorobenzene	13.211	180	5428	2.47	ug/L	98
70) 1,2,4-trichlorobenzene	13.832	180	4303	2.54	ug/L	98
71) Naphthalene	14.076	128	7229	1.24	ug/L #	91
72) 1,2,3-Trichlorobenzene	14.317	180	4043	2.33	ug/L	97

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

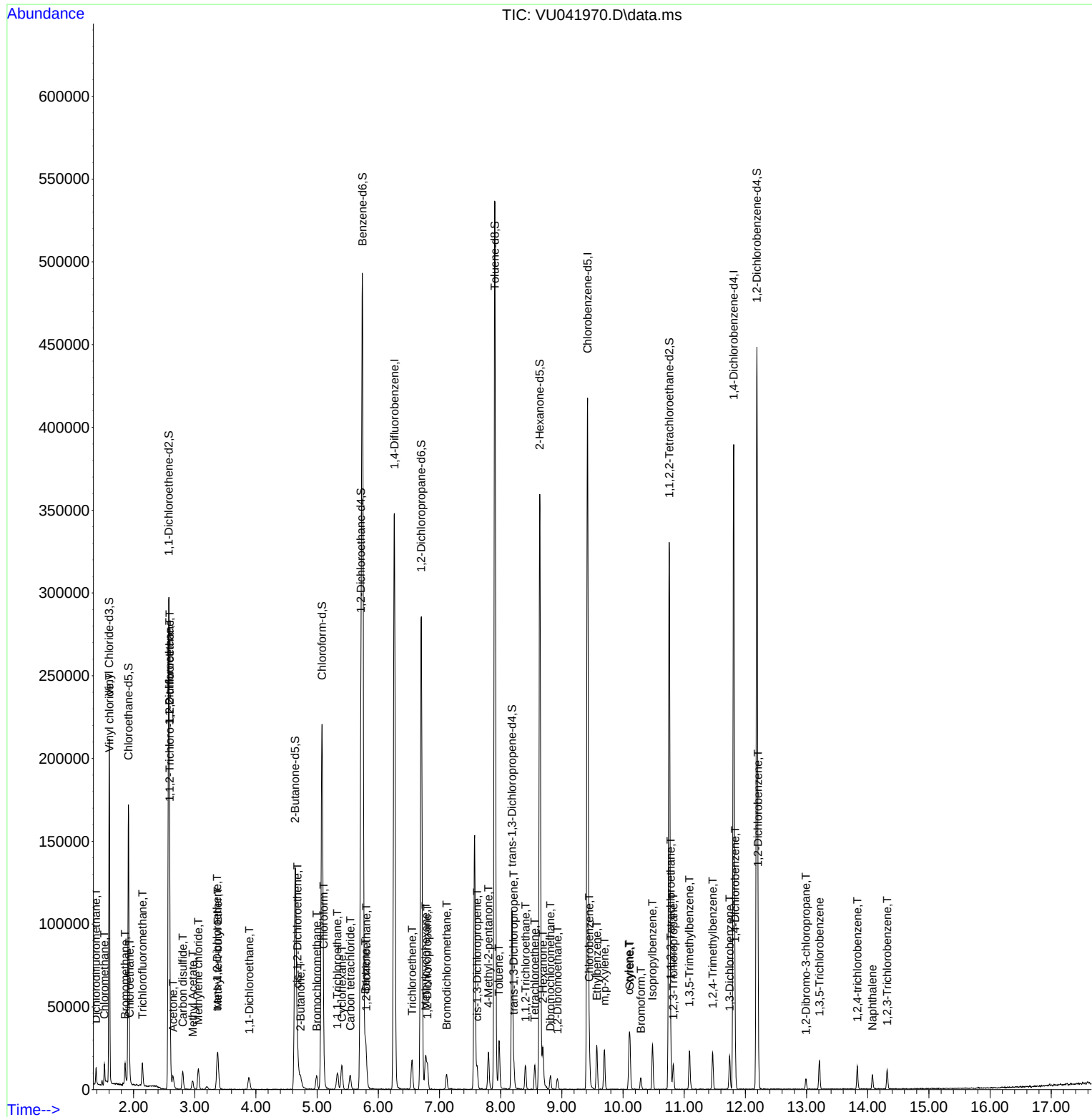
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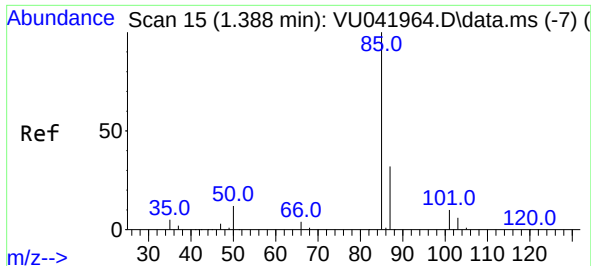
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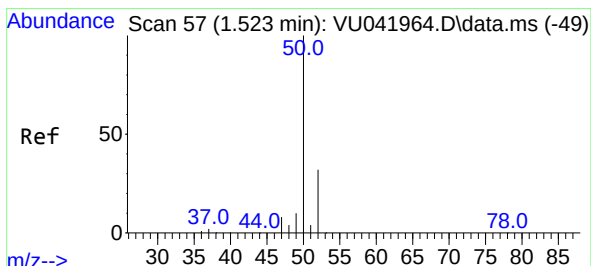
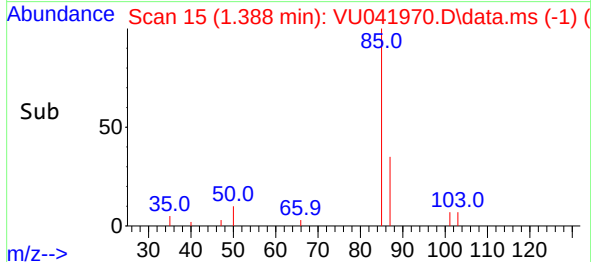
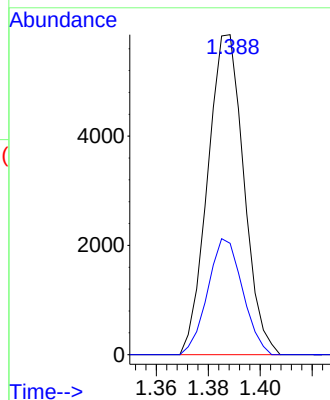
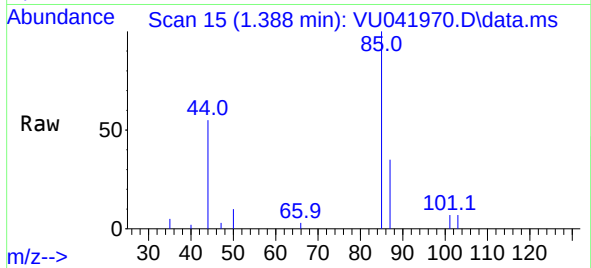
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Dichlorodifluoromethane
Concen: 2.13 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

Tgt Ion: 85 Resp: 5663
Ion Ratio Lower Upper
85 100
87 35.0 25.8 38.6

Instrument :
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ClientSampleId :
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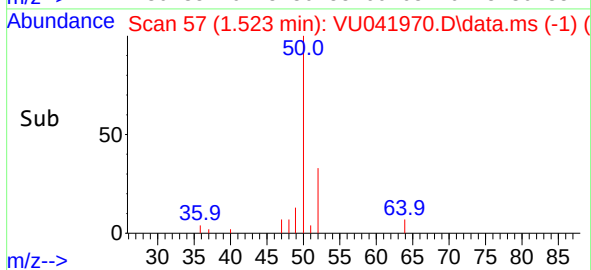
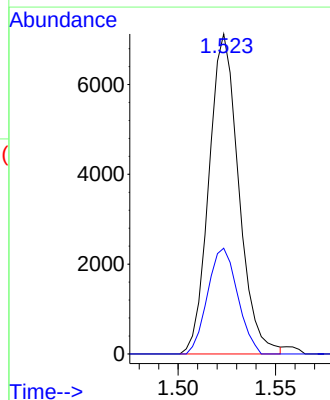
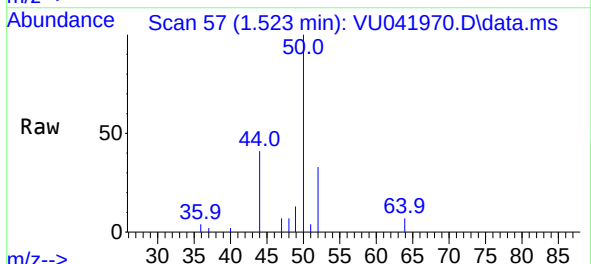
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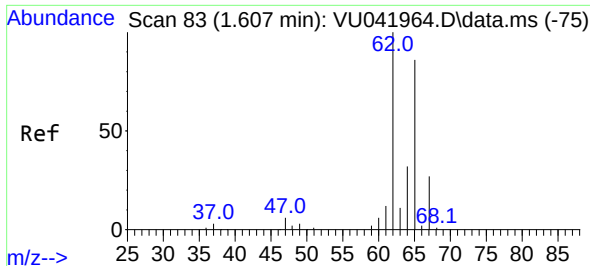
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1/13/2021 12:19:22 PM



#3
Chloromethane
Concen: 2.44 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

Tgt Ion: 50 Resp: 7562
Ion Ratio Lower Upper
50 100
52 33.1 22.5 41.9





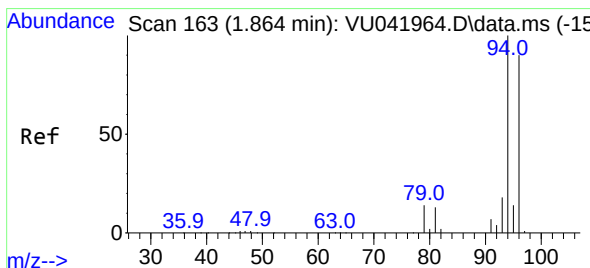
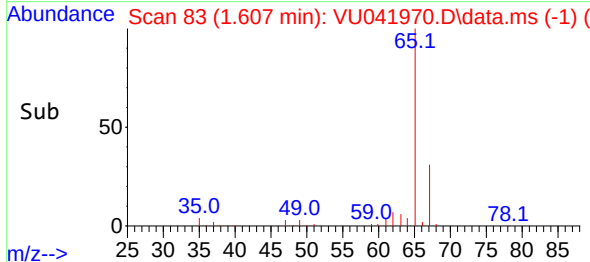
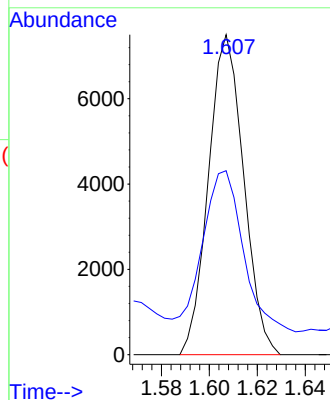
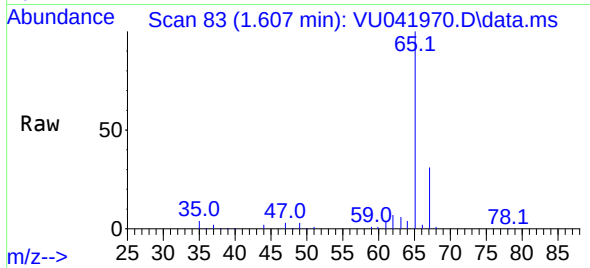
#5
 Vinyl chloride
 Concen: 2.40 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU041970.D
 Acq: 12 Jan 2021 15:43

Tgt Ion: 62 Resp: 7643
 Ion Ratio Lower Upper
 62 100
 64 57.5 22.9 42.5#

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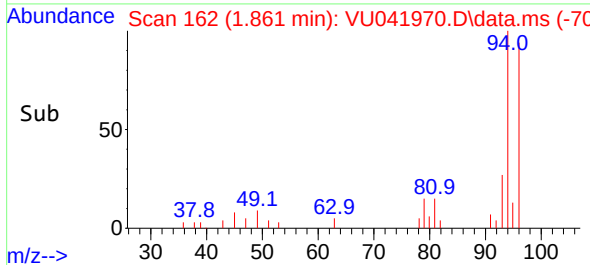
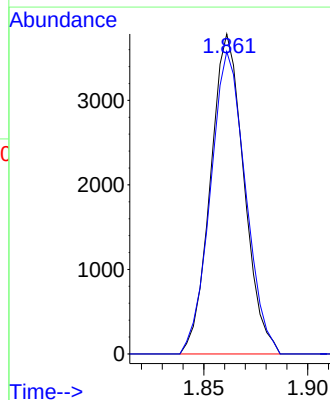
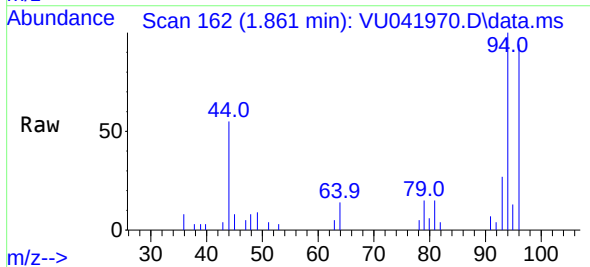
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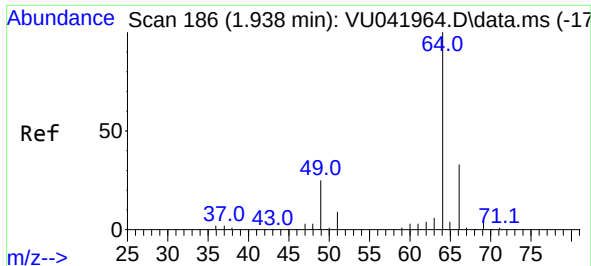
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#6
 Bromomethane
 Concen: 2.18 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU041970.D
 Acq: 12 Jan 2021 15:43

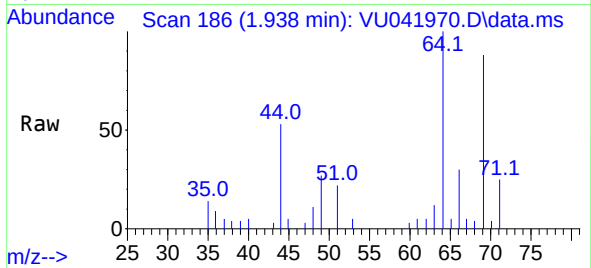
Tgt Ion: 94 Resp: 4243
 Ion Ratio Lower Upper
 94 100
 96 94.5 62.8 116.6





#8
Chloroethane
Concen: 2.58 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.003 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

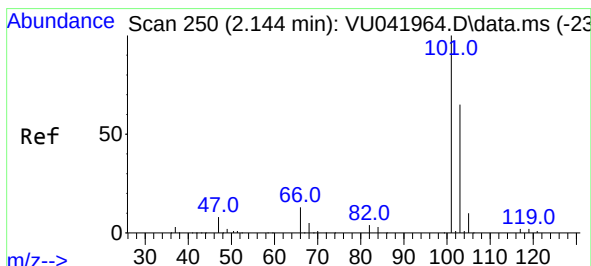
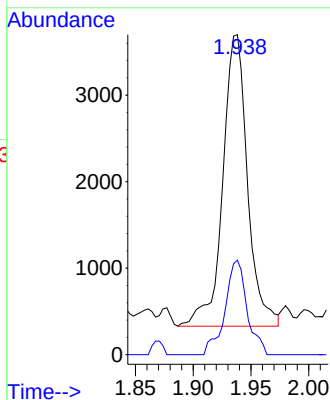
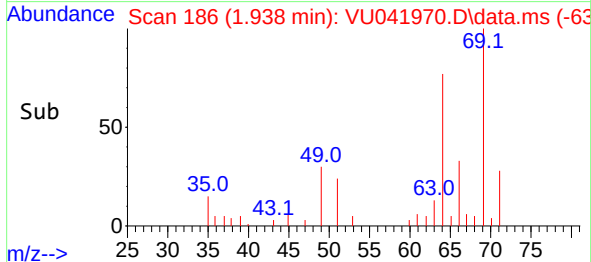
Instrument :
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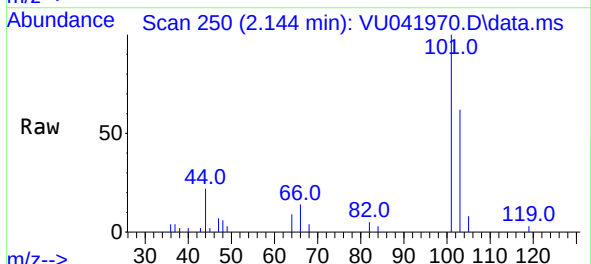
Tgt Ion: 64 Resp: 5033
Ion Ratio Lower Upper
64 100
66 29.5 22.7 42.1

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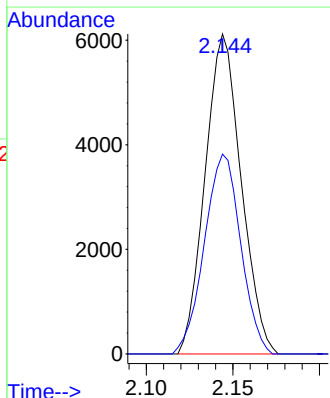
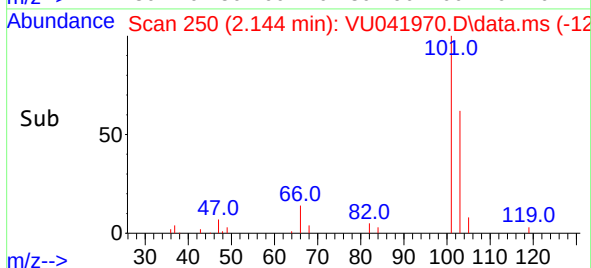
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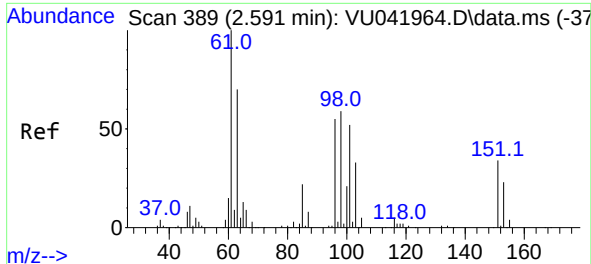


#9
Trichlorofluoromethane
Concen: 2.22 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.003 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43



Tgt Ion: 101 Resp: 8869
Ion Ratio Lower Upper
101 100
103 62.8 51.4 77.2





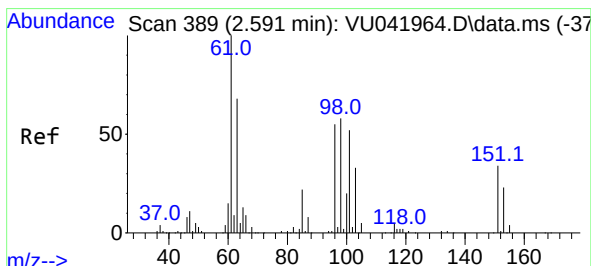
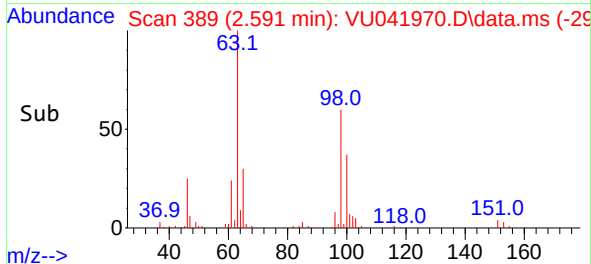
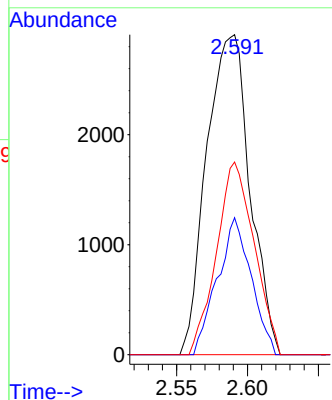
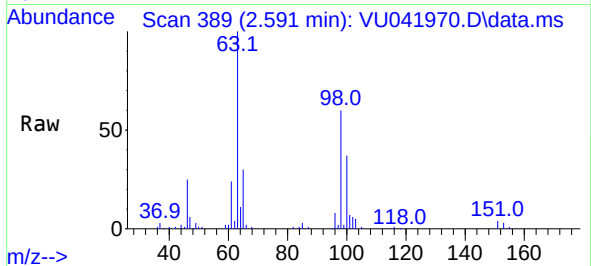
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.79 ug/L
RT: 2.591 min Scan# 389
Delta R.T. 0.000 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

Tgt Ion: 101 Resp: 6193
Ion Ratio Lower Upper
101 100
85 33.4 35.0 52.4#
151 52.4 52.6 79.0#

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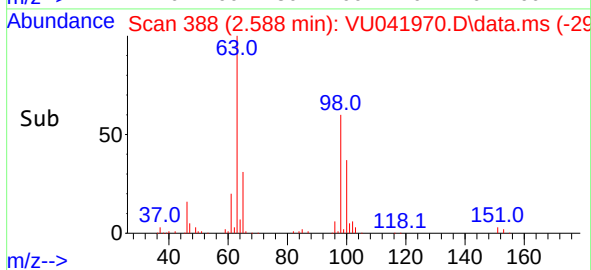
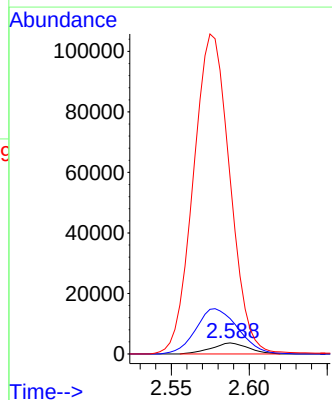
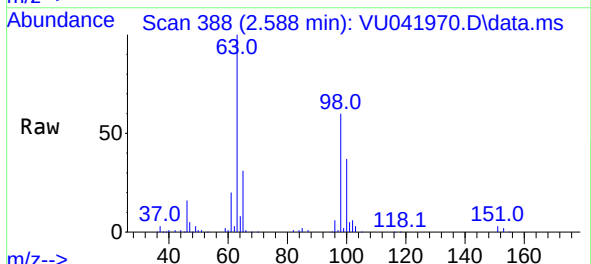
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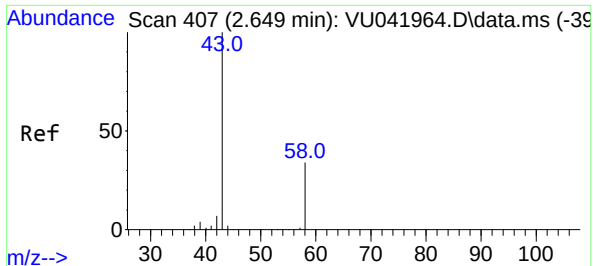
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1/13/2021 12:19:22 PM



#12
1,1-Dichloroethene
Concen: 2.82 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

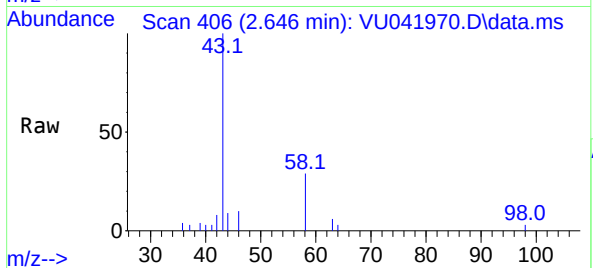
Tgt Ion: 96 Resp: 5968
Ion Ratio Lower Upper
96 100
61 320.1 127.8 237.4#
63 1589.7 91.2 169.4#





#13
Acetone
Concen: 4.44 ug/L
RT: 2.646 min Scan# 406
Delta R.T. 0.000 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

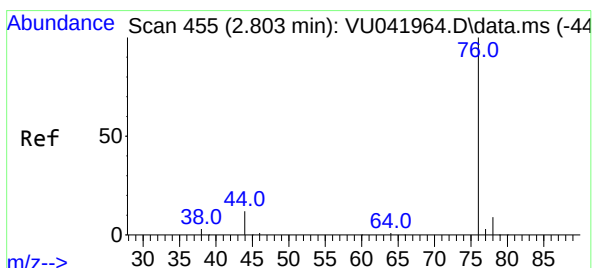
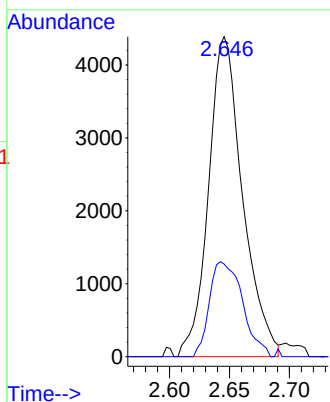
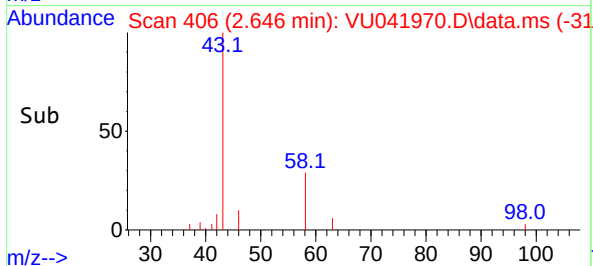
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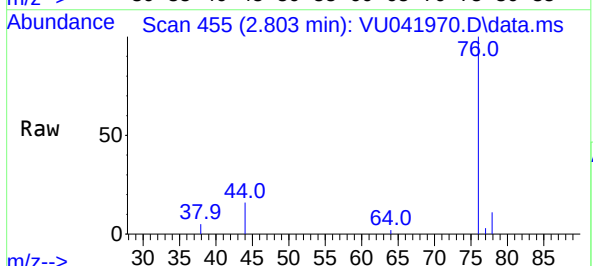
Tgt Ion: 43 Resp: 8659
Ion Ratio Lower Upper
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58 28.8 0.0 70.0

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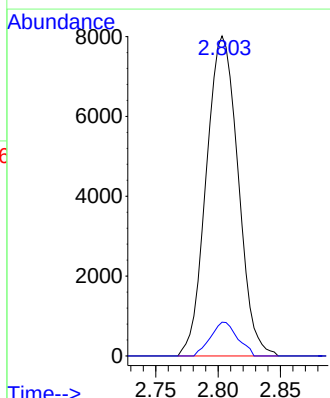
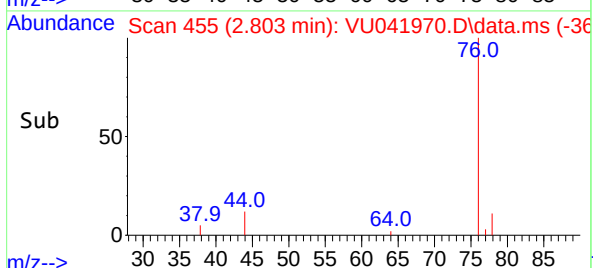
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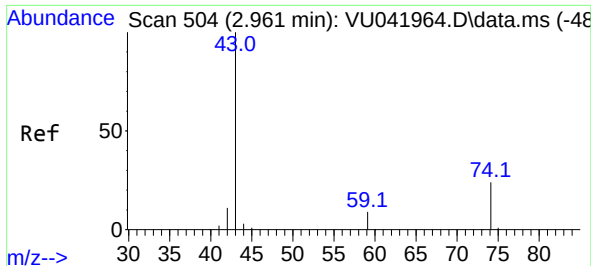


#14
Carbon disulfide
Concen: 2.08 ug/L
RT: 2.803 min Scan# 455
Delta R.T. 0.000 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43



Tgt Ion: 76 Resp: 14244
Ion Ratio Lower Upper
76 100
78 10.6 7.3 10.9





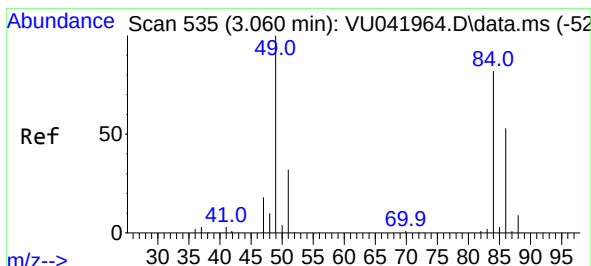
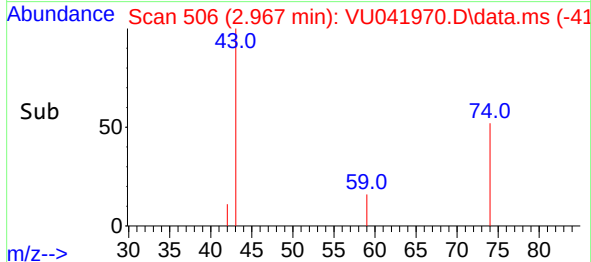
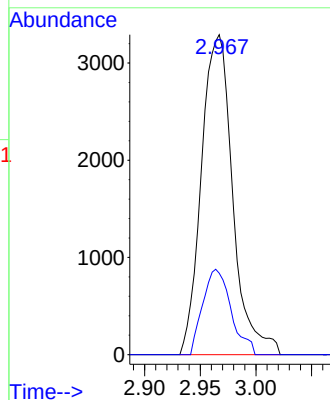
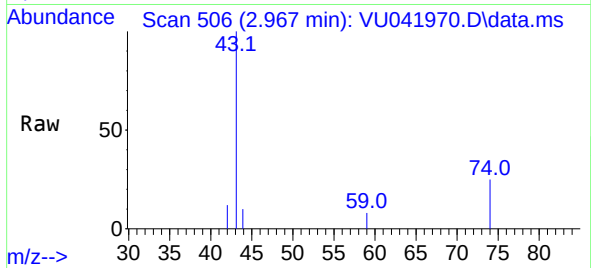
#15
Methyl Acetate
Concen: 2.11 ug/L
RT: 2.967 min Scan# 506
Delta R.T. 0.003 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

Tgt Ion: 43 Resp: 6455
Ion Ratio Lower Upper
43 100
74 24.1 19.3 28.9

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

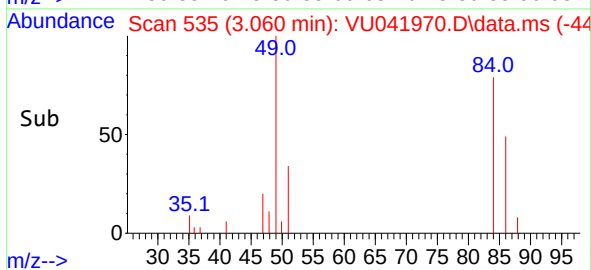
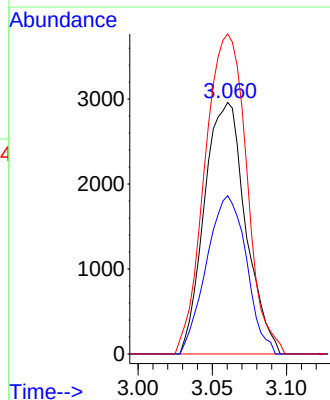
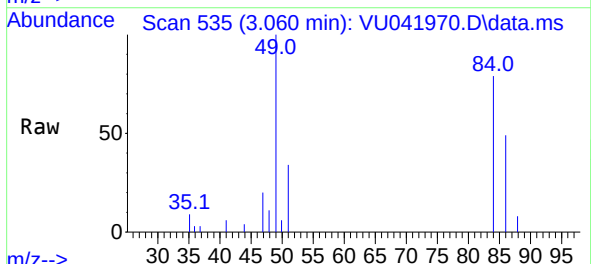
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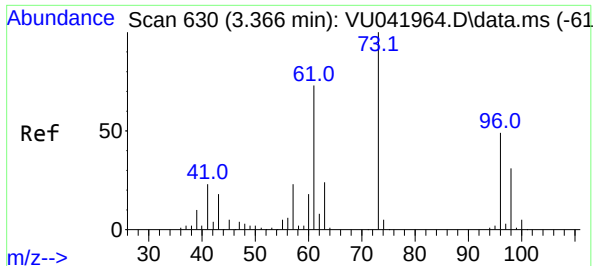
MMDadoda
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#16
Methylene chloride
Concen: 2.32 ug/L
RT: 3.060 min Scan# 535
Delta R.T. 0.000 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

Tgt Ion: 84 Resp: 5701
Ion Ratio Lower Upper
84 100
86 62.9 45.6 84.6
49 127.3 86.0 159.6





#17
trans-1,2-Dichloroethene
Concen: 2.08 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

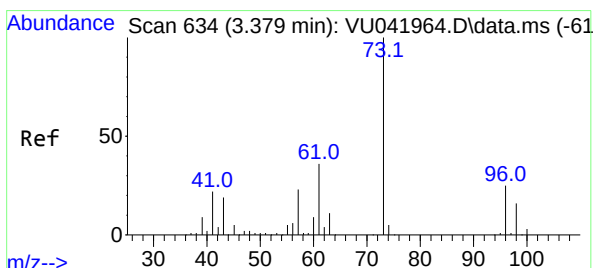
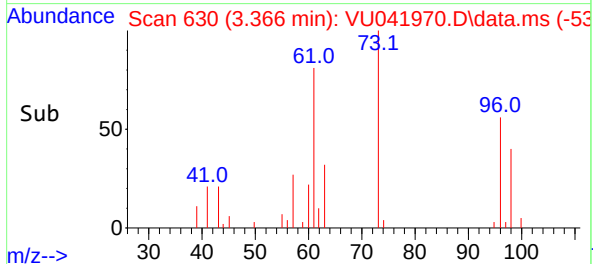
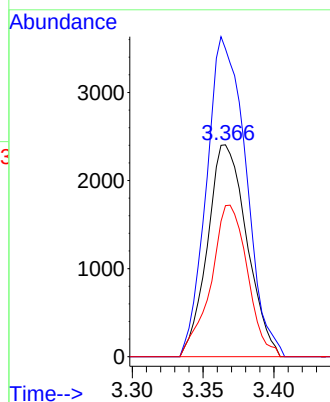
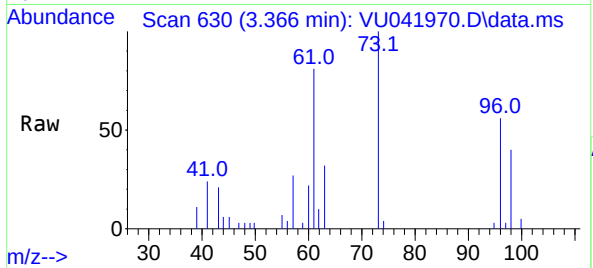
Tgt Ion: 96 Resp: 4636

Ion	Ratio	Lower	Upper
96	100		
61	145.3	105.3	195.6
98	71.3	45.3	84.1

Instrument :
MSVOA_U
ClientSampleId :
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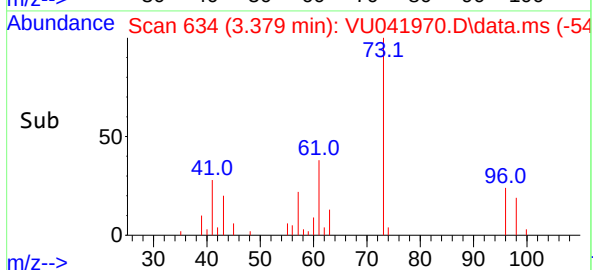
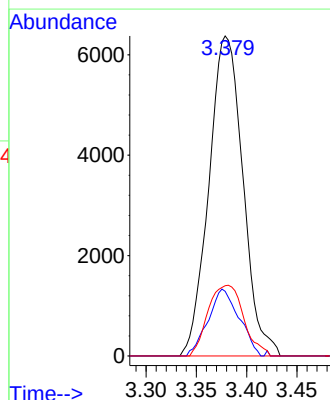
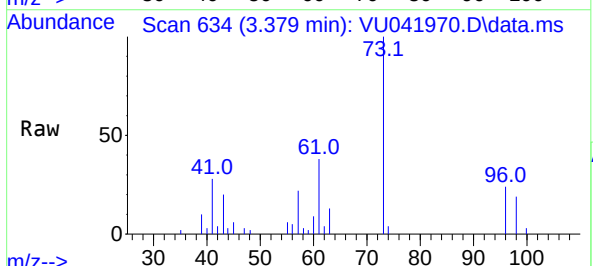
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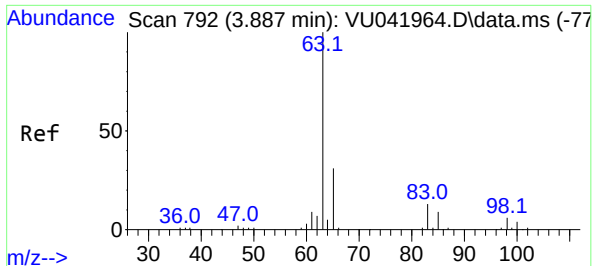


#18
Methyl tert-butyl Ether
Concen: 2.08 ug/L
RT: 3.379 min Scan# 634
Delta R.T. 0.003 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

Tgt Ion: 73 Resp: 15008

Ion	Ratio	Lower	Upper
73	100		
43	19.1	15.0	22.4
57	23.1	18.1	27.1





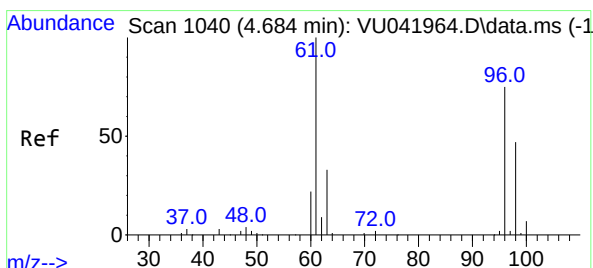
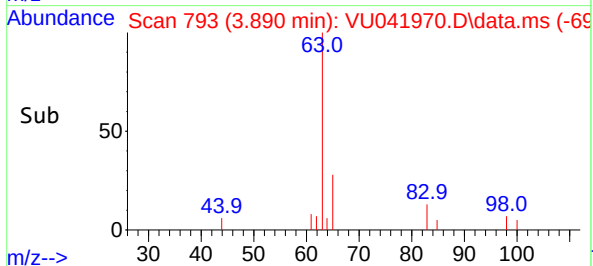
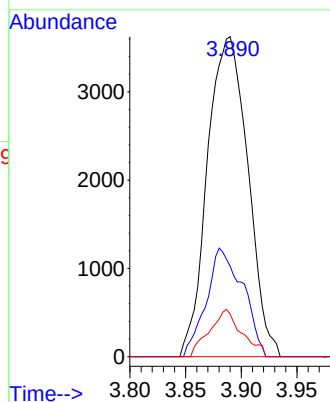
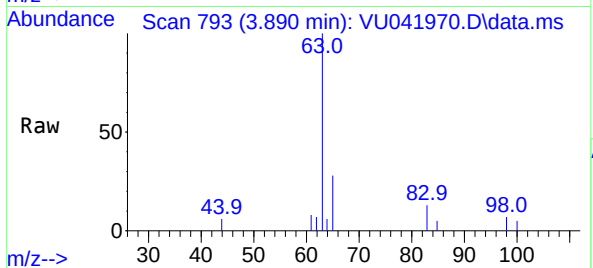
#19
1,1-Dichloroethane
Concen: 2.08 ug/L
RT: 3.890 min Scan# 793
Delta R.T. 0.006 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

Tgt Ion:	63	Resp:	9149
Ion	Ratio	Lower	Upper
63	100		
65	28.3	21.8	40.6
83	13.3	9.4	17.4

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

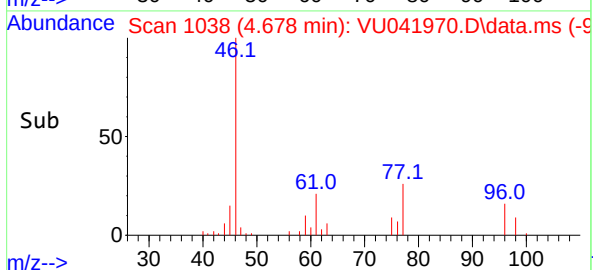
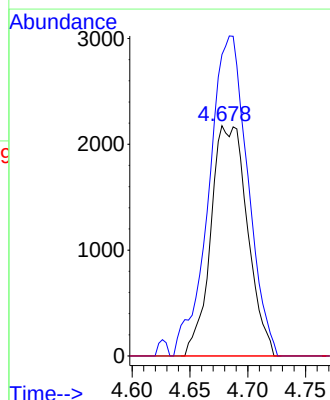
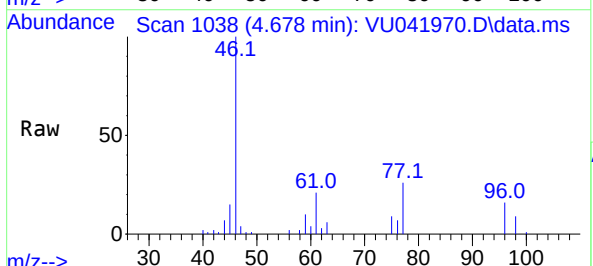
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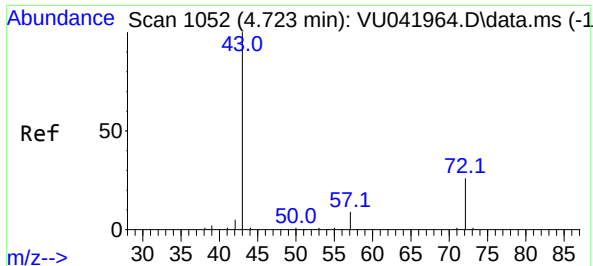
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1/13/2021 12:19:22 PM



#20
cis-1,2-Dichloroethene
Concen: 2.00 ug/L m
RT: 4.678 min Scan# 1038
Delta R.T. -0.003 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

Tgt Ion:	96	Resp:	4796
Ion	Ratio	Lower	Upper
96	100		
61	130.9	93.9	174.5
68	0.0	0.0	0.0





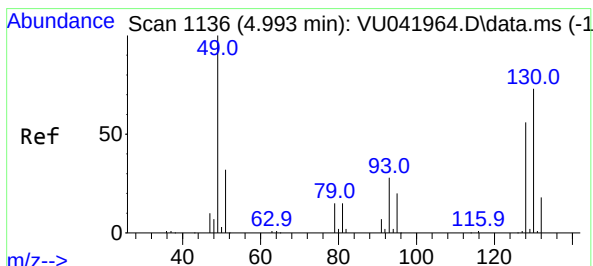
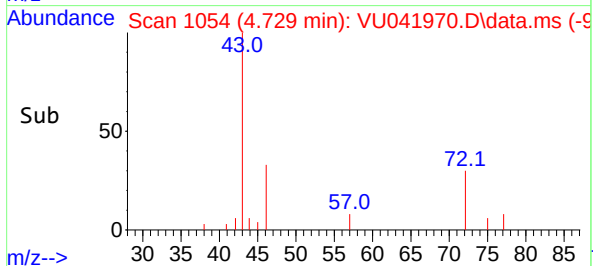
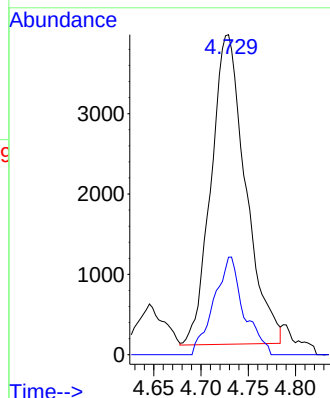
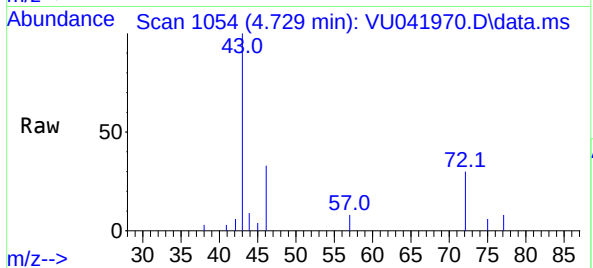
#22
2-Butanone
Concen: 3.81 ug/L
RT: 4.729 min Scan# 1054
Delta R.T. 0.003 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

Tgt Ion: 43 Resp: 9773
Ion Ratio Lower Upper
43 100
72 23.6 13.6 40.8

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

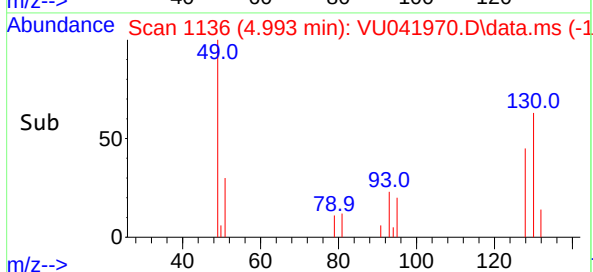
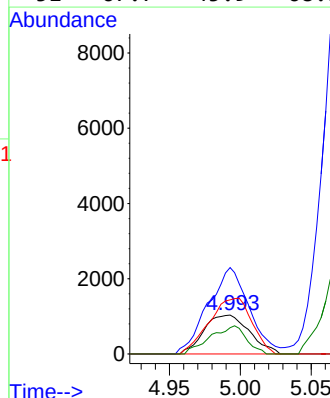
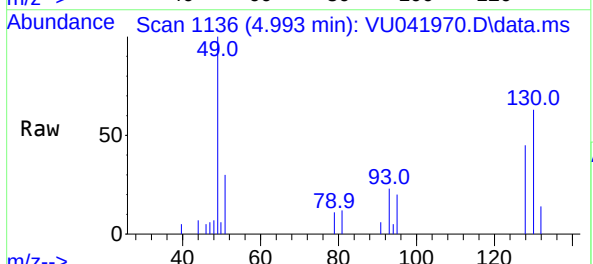
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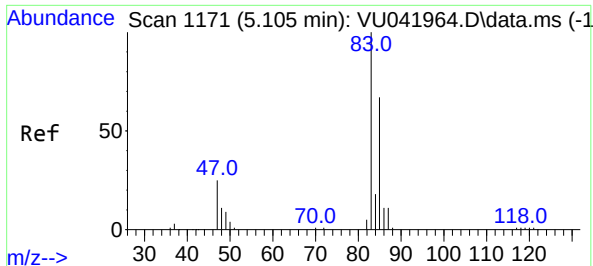
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#23
Bromochloromethane
Concen: 2.01 ug/L
RT: 4.993 min Scan# 1136
Delta R.T. 0.006 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

Tgt Ion:128 Resp: 2315
Ion Ratio Lower Upper
128 100
49 222.6 124.9 232.1
130 139.1 91.1 169.3
51 67.7 45.9 68.9





#25

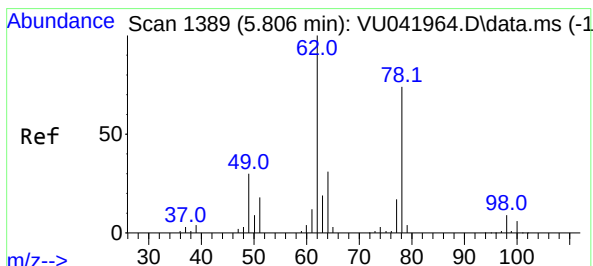
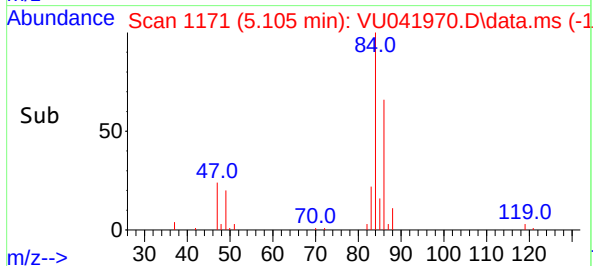
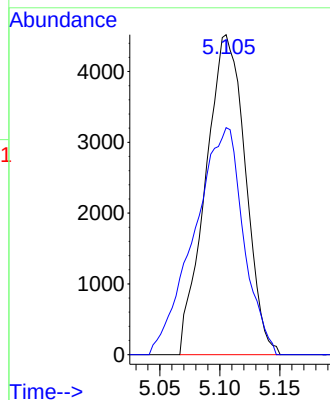
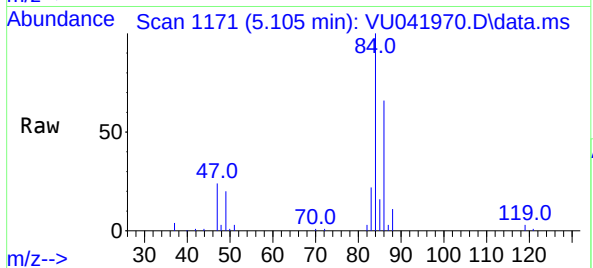
Chloroform
Concen: 2.38 ug/L
RT: 5.105 min Scan# 1171
Delta R.T. 0.003 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

Tgt Ion: 83 Resp: 10403
Ion Ratio Lower Upper
83 100
85 70.9 46.9 87.1

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

Manual Integrations
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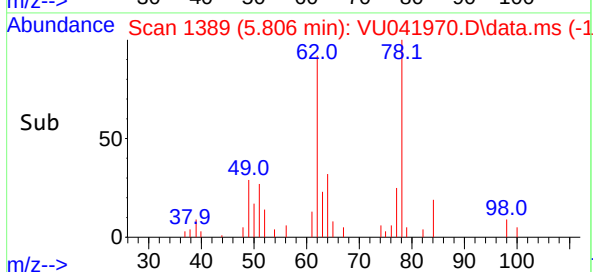
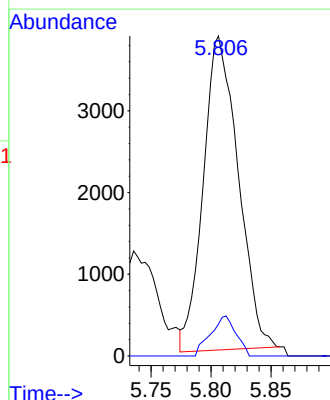
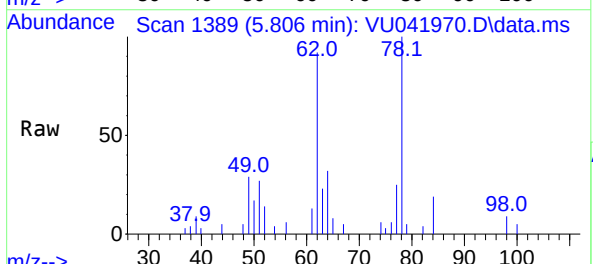
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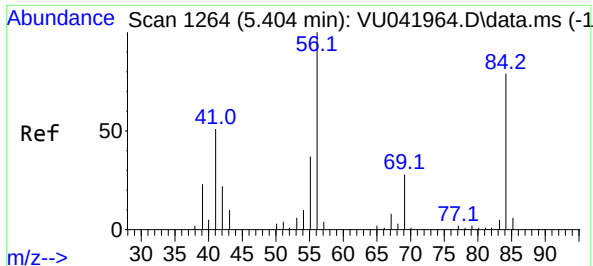


#27

1,2-Dichloroethane
Concen: 2.32 ug/L
RT: 5.806 min Scan# 1389
Delta R.T. 0.003 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

Tgt Ion: 62 Resp: 7777
Ion Ratio Lower Upper
62 100
98 10.0 7.3 10.9





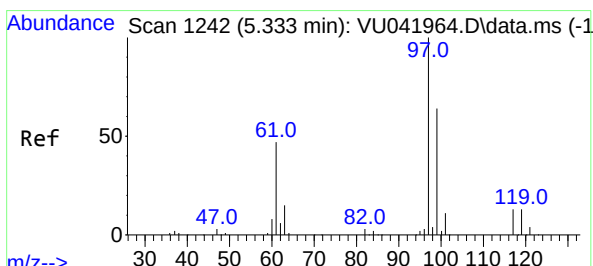
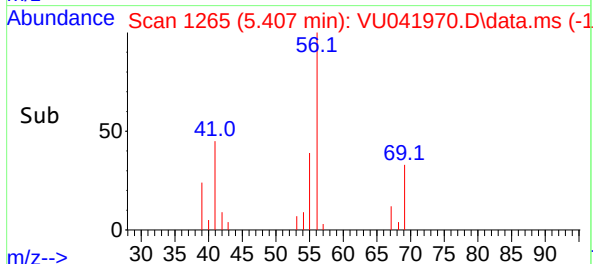
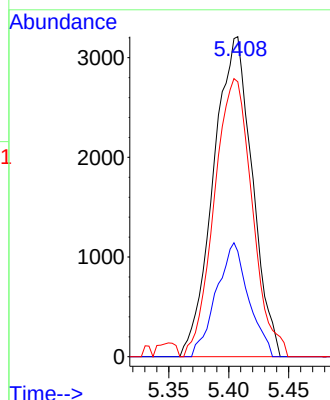
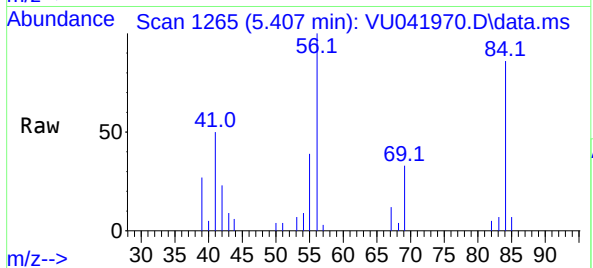
#29
Cyclohexane
Concen: 2.13 ug/L
RT: 5.407 min Scan# 1265
Delta R.T. 0.013 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

Tgt Ion:	56	Resp:	7208
Ion	Ratio	Lower	Upper
56	100		
69	29.6	23.4	35.0
84	85.2	64.3	96.5

Instrument :
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MDL-WATER-QT1-2021-01

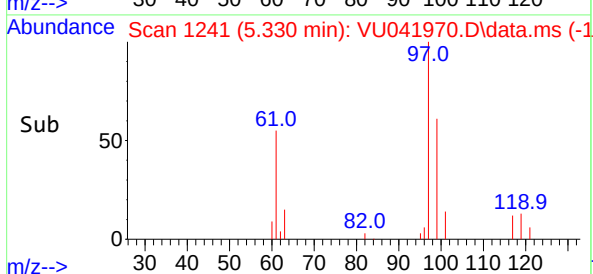
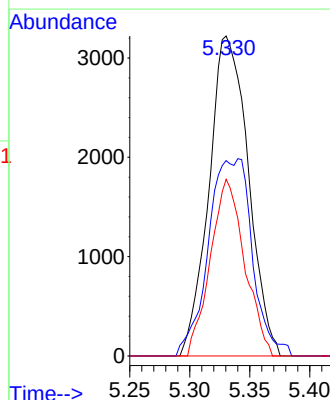
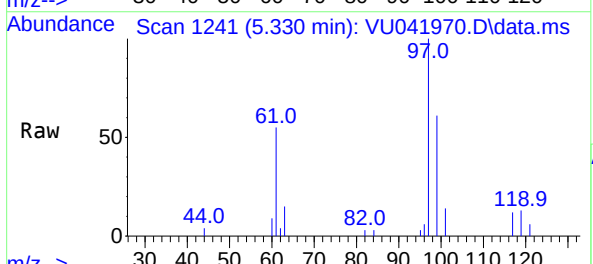
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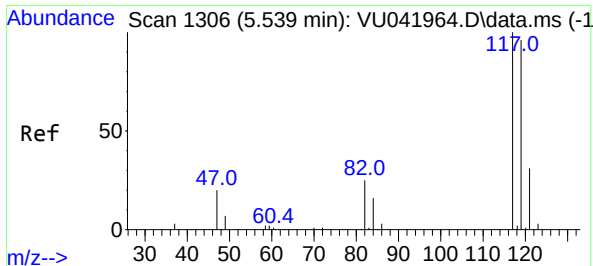
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1/13/2021 12:19:22 PM



#30
1,1,1-Trichloroethane
Concen: 2.19 ug/L
RT: 5.330 min Scan# 1241
Delta R.T. 0.003 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

Tgt Ion:	97	Resp:	7344
Ion	Ratio	Lower	Upper
97	100		
99	41.7	51.3	76.9#
61	48.1	37.1	55.7





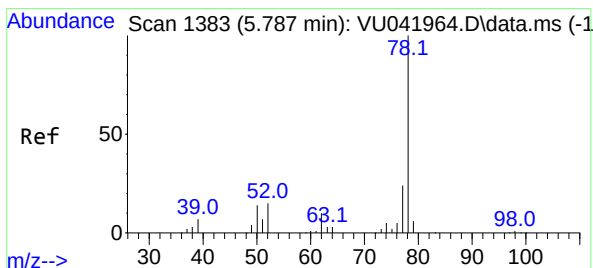
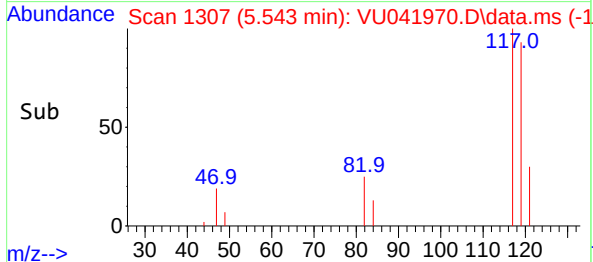
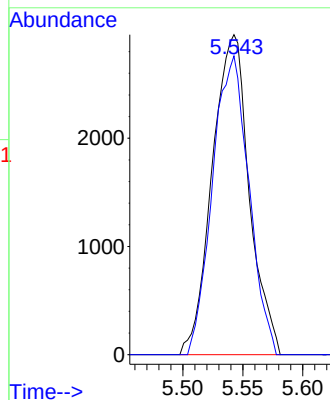
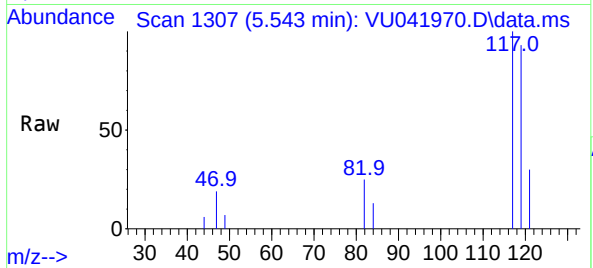
#31
Carbon tetrachloride
Concen: 2.29 ug/L
RT: 5.543 min Scan# 1307
Delta R.T. 0.010 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

Tgt Ion: 117 Resp: 6370
Ion Ratio Lower Upper
117 100
119 91.2 76.5 114.7

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

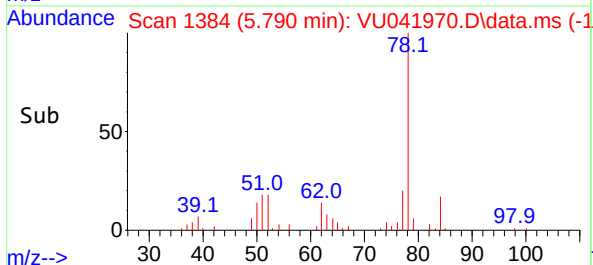
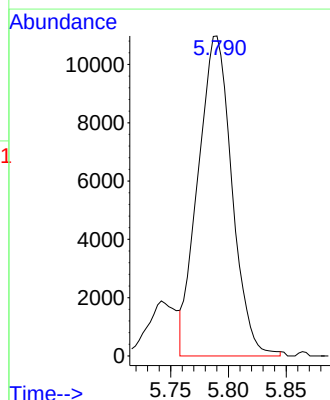
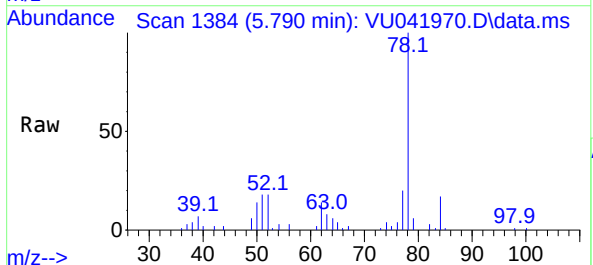
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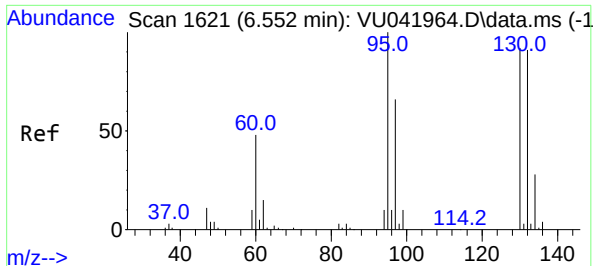
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1/13/2021 12:19:22 PM



#33
Benzene
Concen: 2.69 ug/L
RT: 5.790 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

Tgt Ion: 78 Resp: 22382





#34
Trichloroethene
Concen: 2.73 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

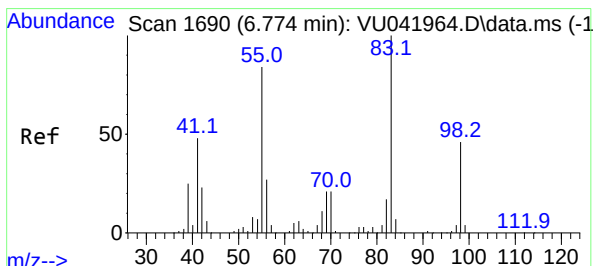
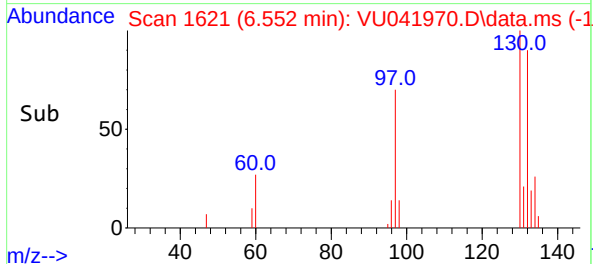
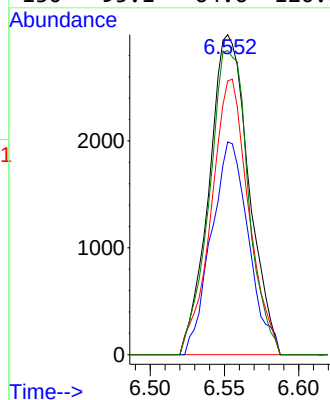
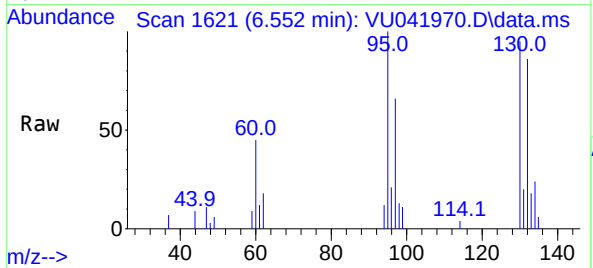
Tgt Ion: 95 Resp: 5586

Ion	Ratio	Lower	Upper
95	100		
97	66.5	46.1	85.7
132	85.6	63.5	117.9
130	95.1	64.6	120.0

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

Manual Integrations
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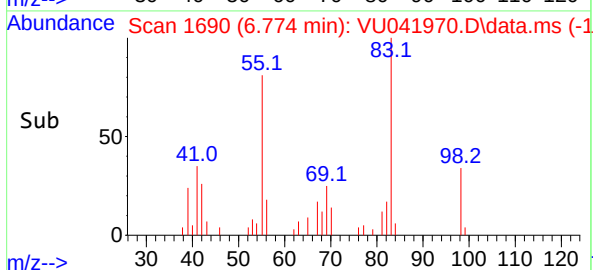
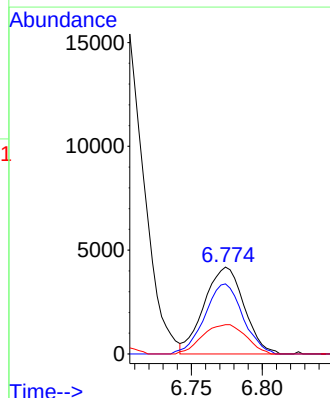
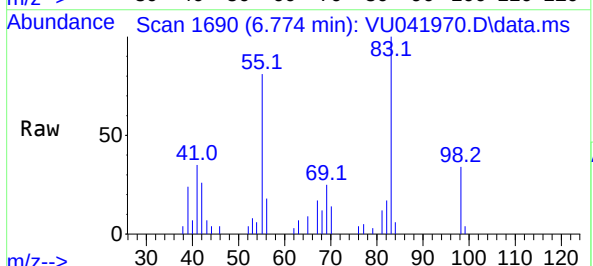
MMDadoda
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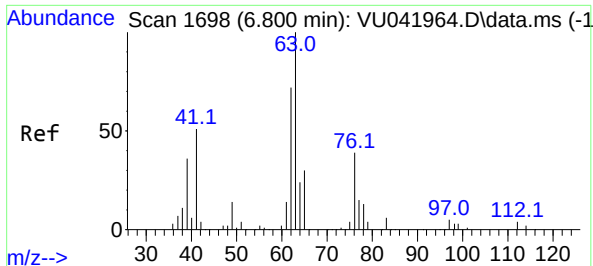


#35
Methylcyclohexane
Concen: 2.72 ug/L
RT: 6.774 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

Tgt Ion: 83 Resp: 8183

Ion	Ratio	Lower	Upper
83	100		
55	76.7	65.8	98.8
98	36.9	36.9	55.3





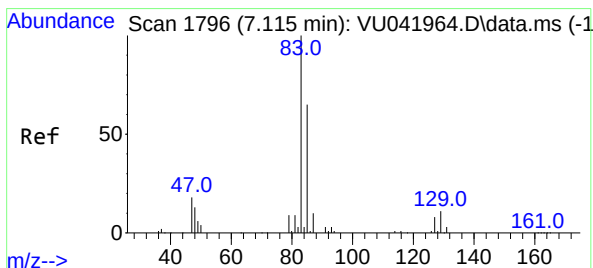
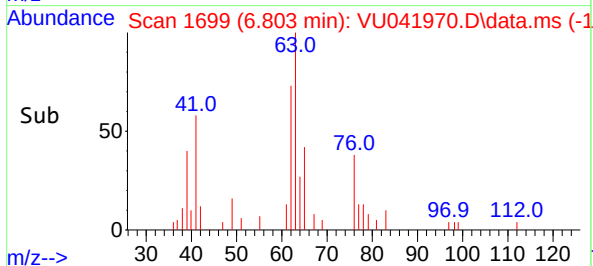
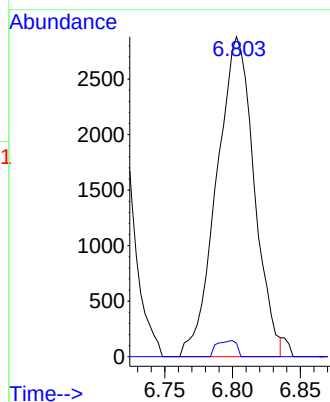
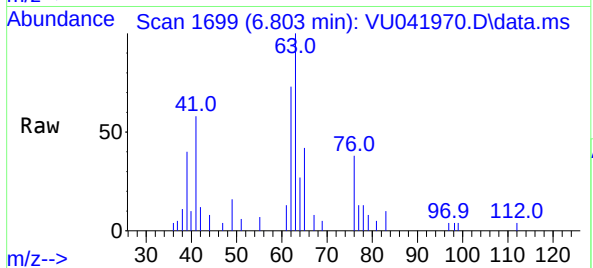
#37
1,2-Dichloropropane
Concen: 2.54 ug/L
RT: 6.803 min Scan# 1699
Delta R.T. 0.003 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

Tgt Ion: 63 Resp: 5544
Ion Ratio Lower Upper
63 100
112 2.7 3.0 4.4#

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

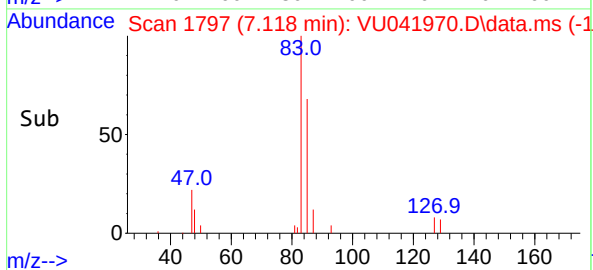
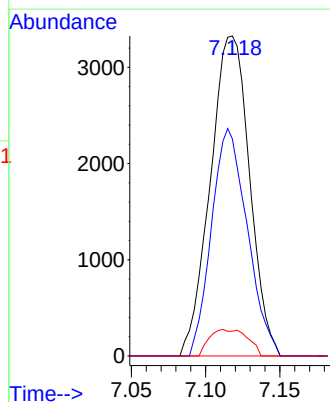
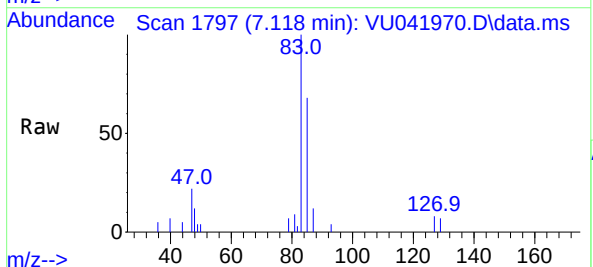
Manual Integrations
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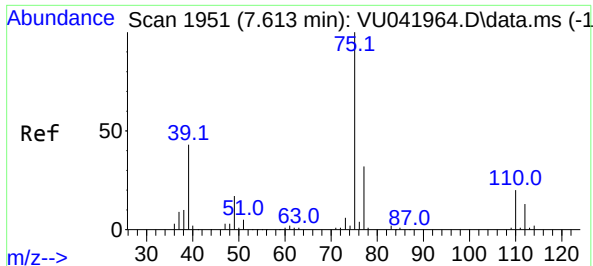
MMDadoda
1/13/2021 12:19:22 PM



#38
Bromodichloromethane
Concen: 2.25 ug/L
RT: 7.118 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

Tgt Ion: 83 Resp: 6120
Ion Ratio Lower Upper
83 100
85 67.9 45.3 84.1
127 7.8 6.6 9.8





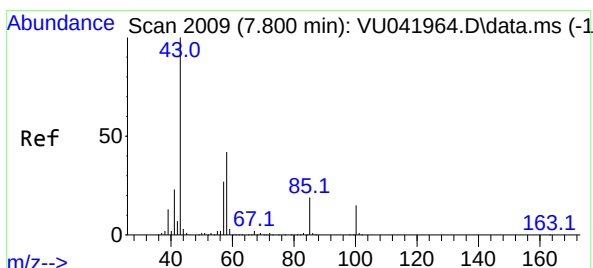
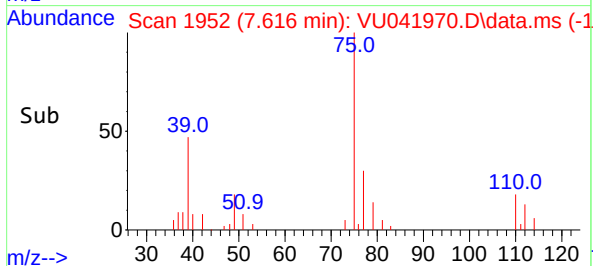
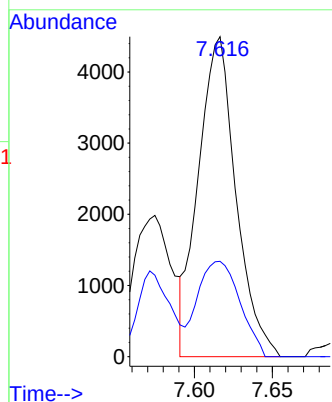
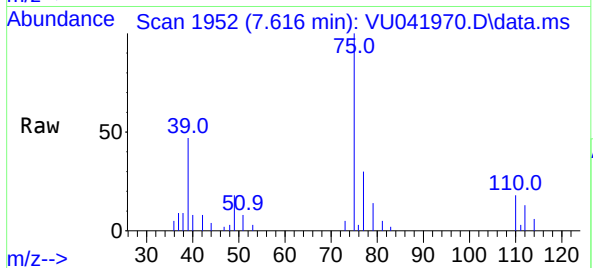
#39
 cis-1,3-Dichloropropene
 Concen: 2.35 ug/L
 RT: 7.616 min Scan# 1952
 Delta R.T. 0.006 min
 Lab File: VU041970.D
 Acq: 12 Jan 2021 15:43

Tgt Ion: 75 Resp: 7534
 Ion Ratio Lower Upper
 75 100
 77 29.8 22.1 41.1

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

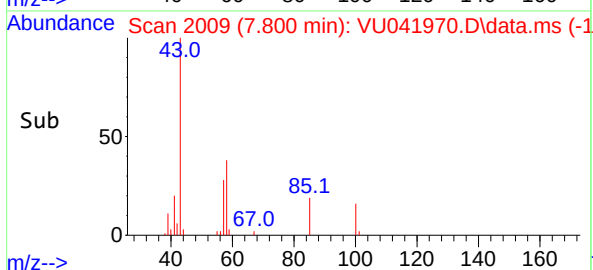
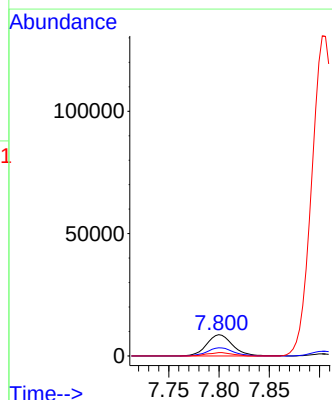
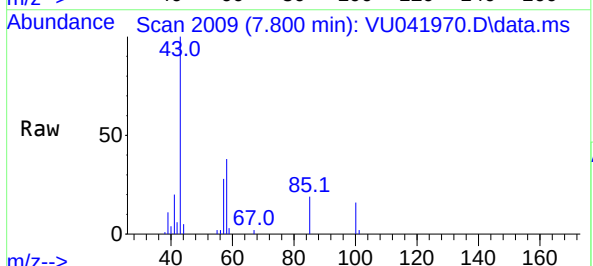
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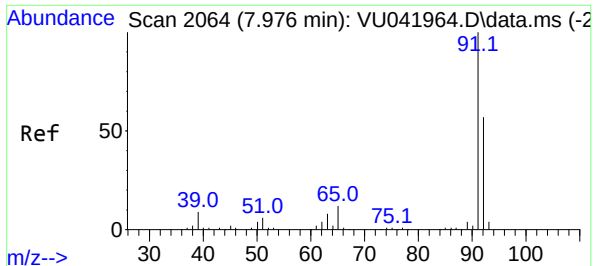
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#40
 4-Methyl-2-pentanone
 Concen: 4.64 ug/L
 RT: 7.800 min Scan# 2009
 Delta R.T. 0.003 min
 Lab File: VU041970.D
 Acq: 12 Jan 2021 15:43

Tgt Ion: 43 Resp: 15665
 Ion Ratio Lower Upper
 43 100
 58 37.9 33.4 50.0
 100 15.0 12.0 18.0





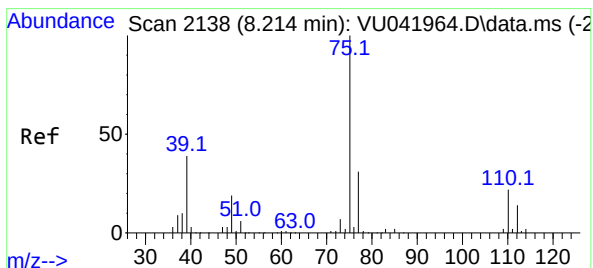
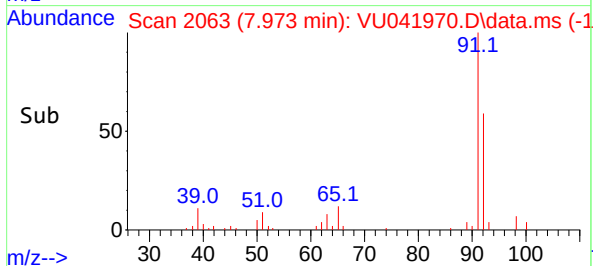
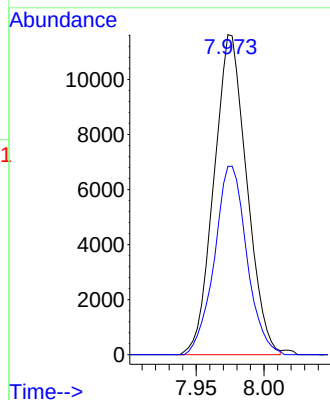
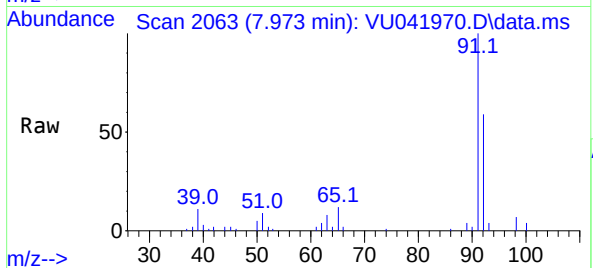
#42
Toluene
Concen: 2.46 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

Tgt Ion: 91 Resp: 19539
Ion Ratio Lower Upper
91 100
92 58.8 40.2 74.6

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

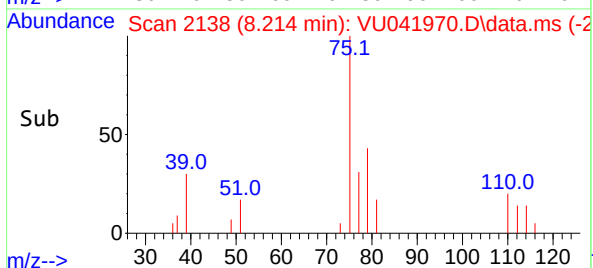
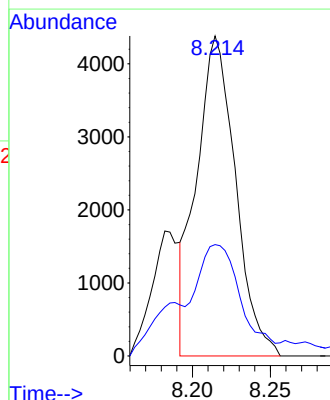
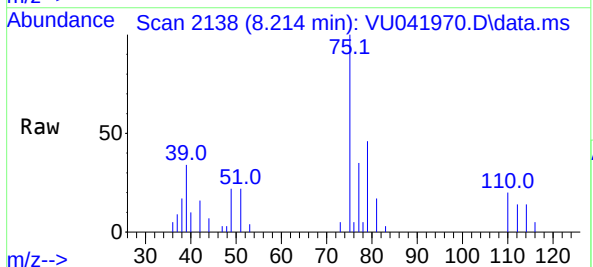
Manual Integrations
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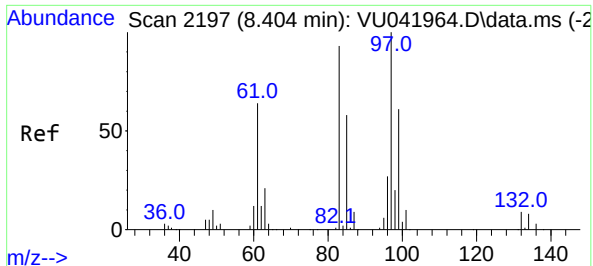
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#44
trans-1,3-Dichloropropene
Concen: 2.46 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

Tgt Ion: 75 Resp: 7594
Ion Ratio Lower Upper
75 100
77 34.8 21.3 39.6





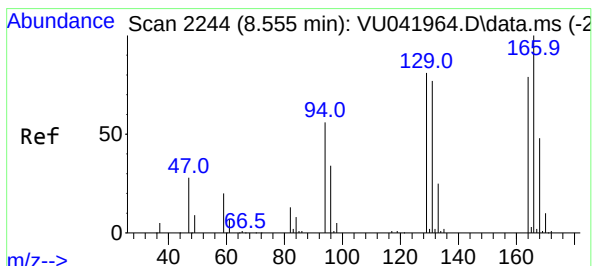
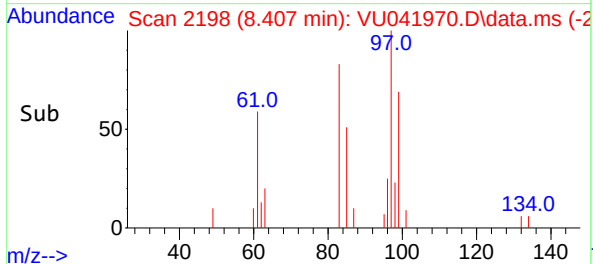
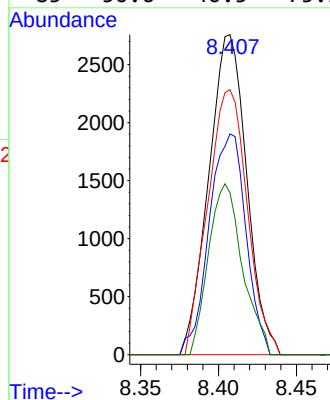
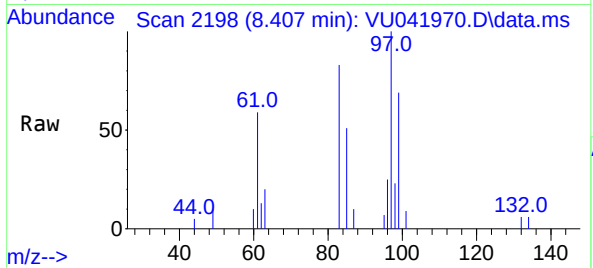
#45
1,1,2-Trichloroethane
Concen: 2.46 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.006 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

Tgt Ion: 97	Resp: 4683
Ion Ratio	Lower Upper
97 100	
99 69.0	42.4 78.8
83 82.8	65.2 121.2
85 50.6	40.5 75.3

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

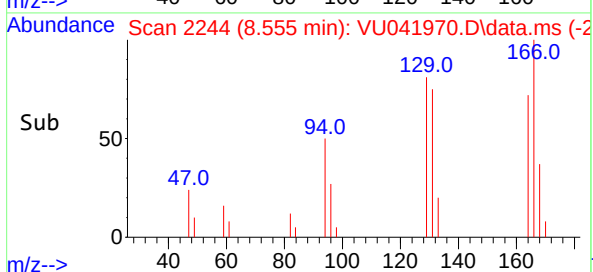
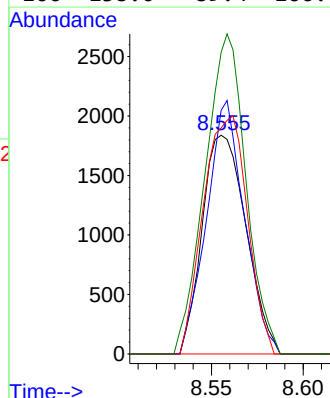
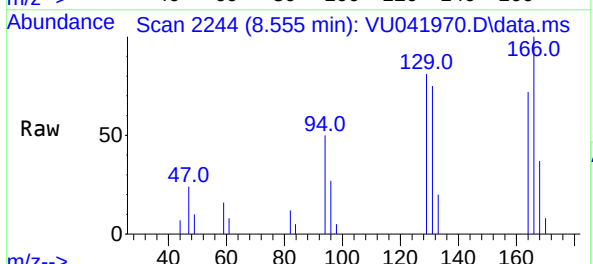
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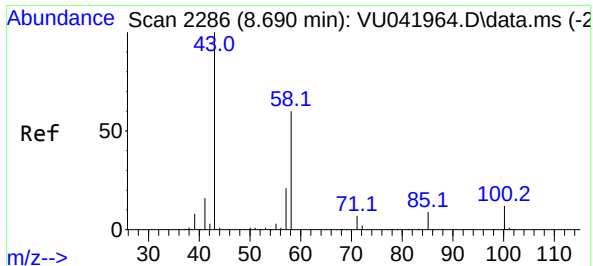
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#46
Tetrachloroethene
Concen: 2.38 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

Tgt	Ion:164	Resp:	3064
Ion	Ratio	Lower	Upper
164	100		
129	111.4	71.6	133.0
131	103.4	68.4	127.0
166	138.0	89.4	166.0





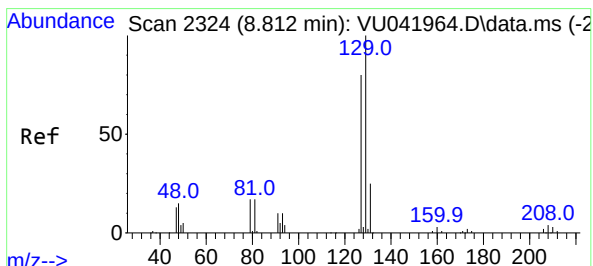
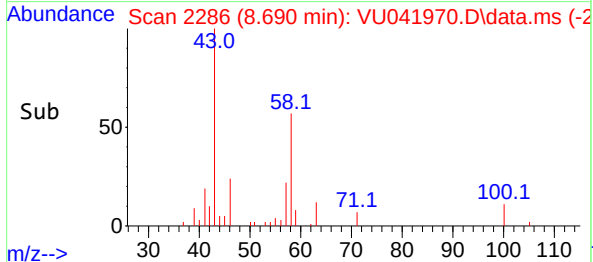
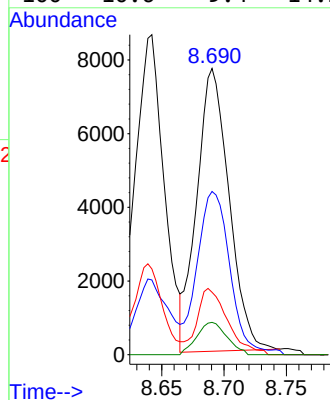
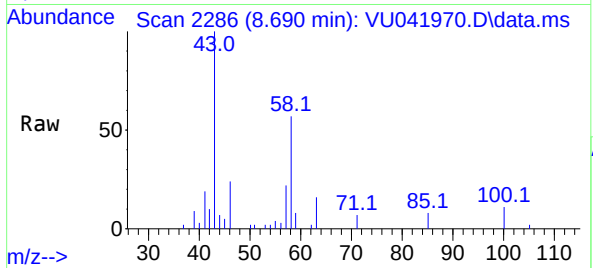
#48
2-Hexanone
Concen: 4.95 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

Tgt Ion: 43 Resp: 13834
Ion Ratio Lower Upper
43 100
58 55.6 46.6 70.0
57 19.6 17.1 25.7
100 10.6 9.4 14.2

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

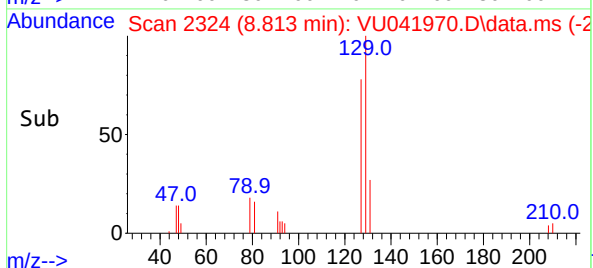
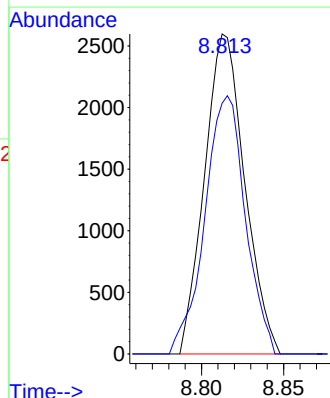
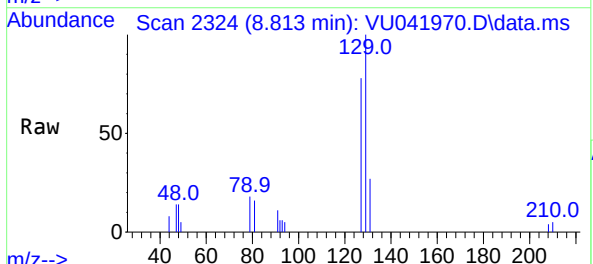
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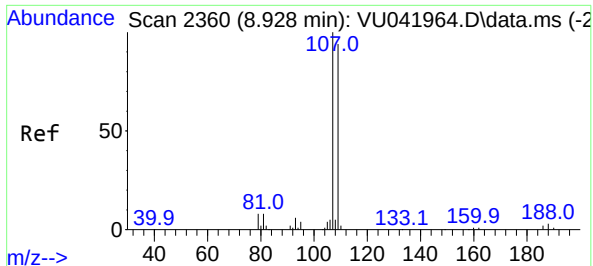
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#49
Dibromochloromethane
Concen: 2.18 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

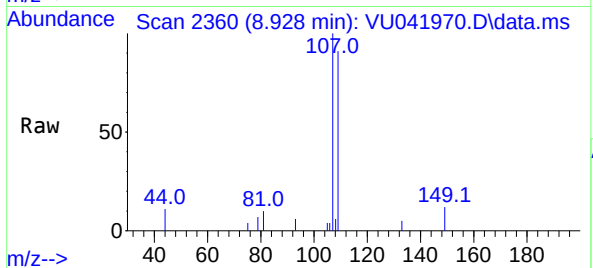
Tgt Ion: 129 Resp: 4418
Ion Ratio Lower Upper
129 100
127 78.4 55.9 103.7





#50
1,2-Dibromoethane
Concen: 2.20 ug/L
RT: 8.928 min Scan# 2360
Delta R.T. 0.003 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

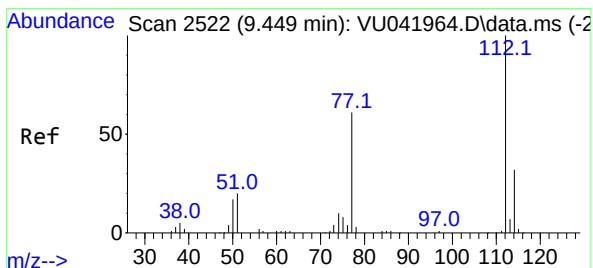
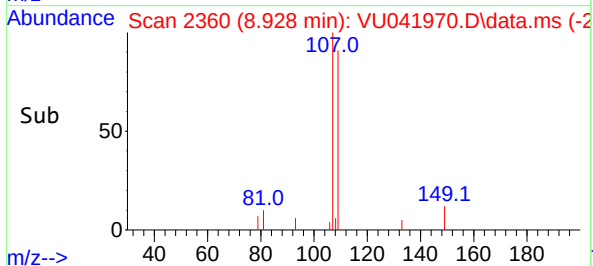
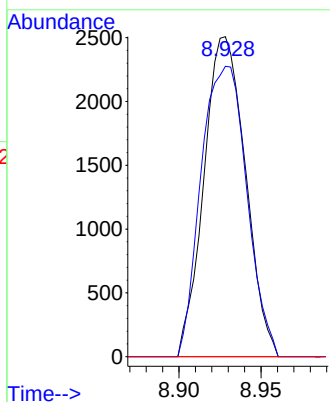
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2021-01



Tgt Ion:107 Resp: 4407
Ion Ratio Lower Upper
107 100
109 90.7 65.5 121.7
188 0.0 2.2 3.4#

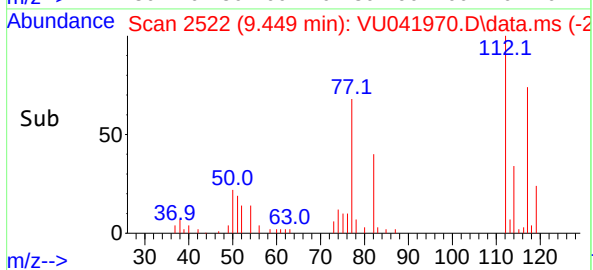
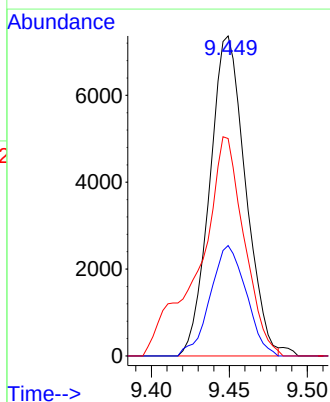
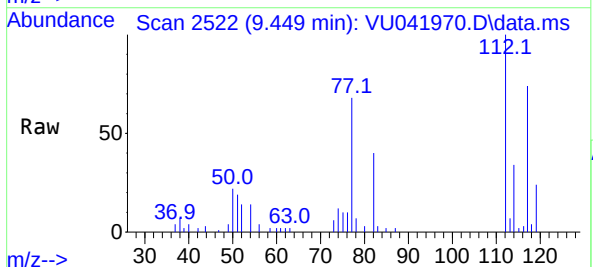
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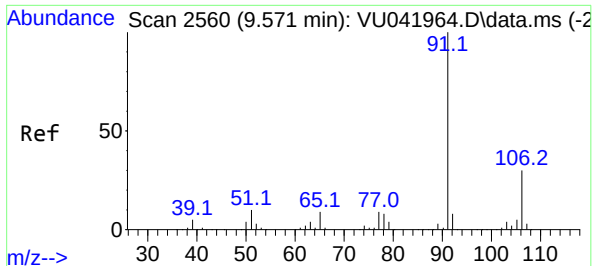
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#51
Chlorobenzene
Concen: 2.41 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.003 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

Tgt Ion:112 Resp: 11738
Ion Ratio Lower Upper
112 100
114 34.5 22.3 41.3
77 67.9 49.4 74.0





#52

Ethylbenzene

Concen: 2.11 ug/L

RT: 9.571 min Scan# 2560

Delta R.T. 0.003 min

Lab File: VU041970.D

Acq: 12 Jan 2021 15:43

Tgt Ion: 91 Resp: 17868

Ion Ratio Lower Upper

91 100

106 30.9 20.8 38.6

Instrument :

MSVOA_U

ClientSampleId :

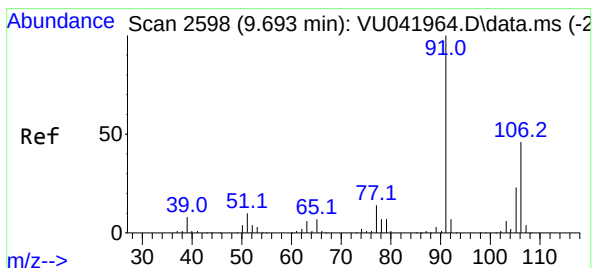
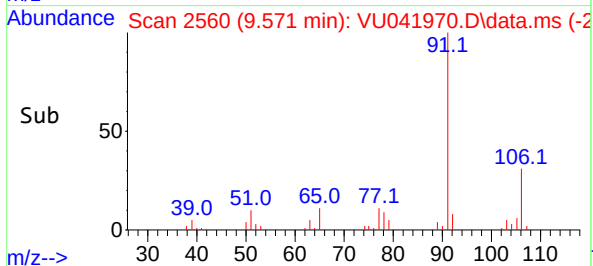
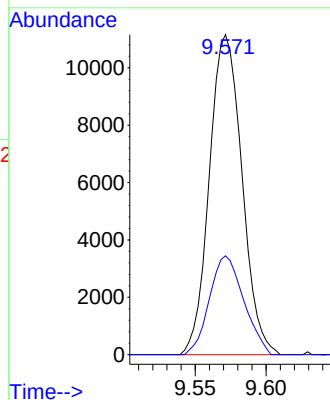
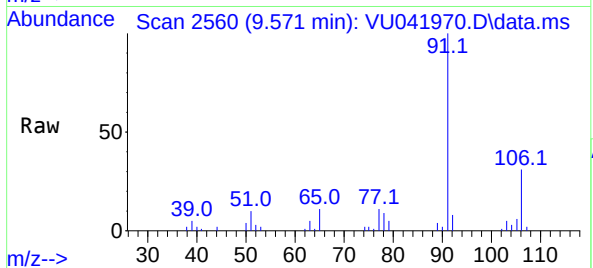
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1/13/2021 12:19:22 PM



#53

m,p-Xylene

Concen: 2.31 ug/L

RT: 9.697 min Scan# 2599

Delta R.T. 0.003 min

Lab File: VU041970.D

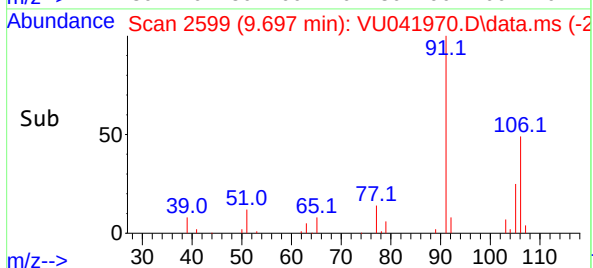
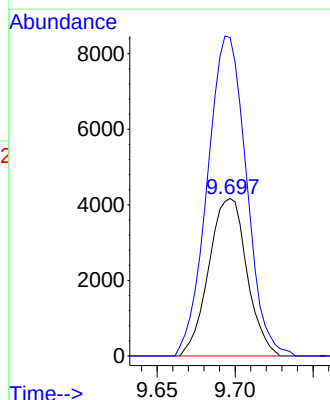
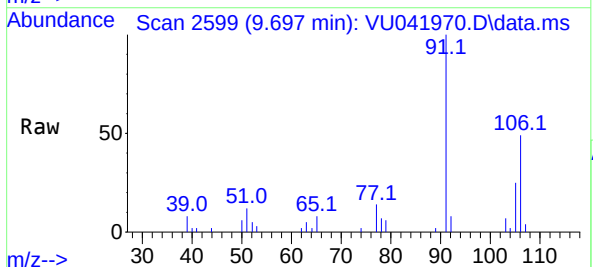
Acq: 12 Jan 2021 15:43

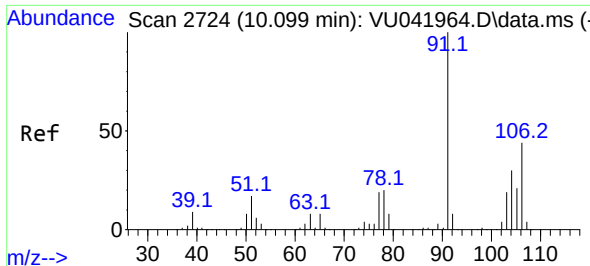
Tgt Ion: 106 Resp: 7094

Ion Ratio Lower Upper

106 100

91 202.3 151.4 281.2





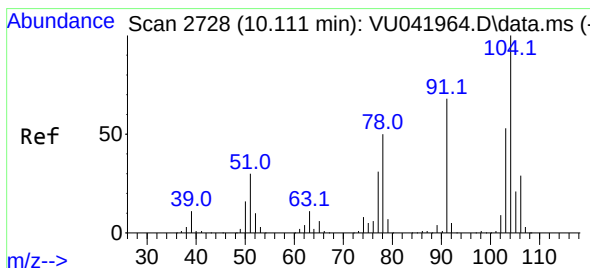
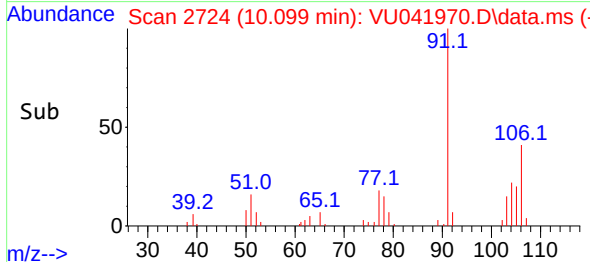
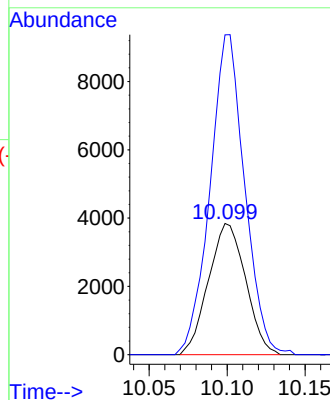
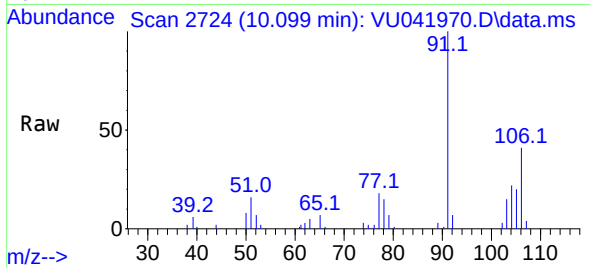
#54
o-xylene
Concen: 2.15 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

Tgt Ion:106 Resp: 6376
Ion Ratio Lower Upper
106 100
91 243.9 158.5 294.3

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

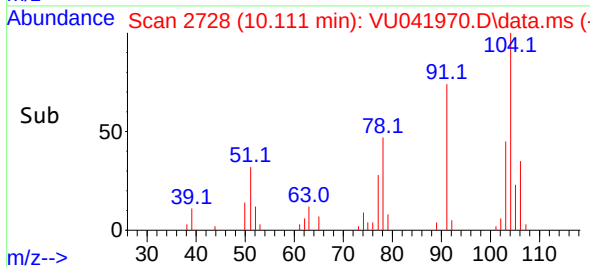
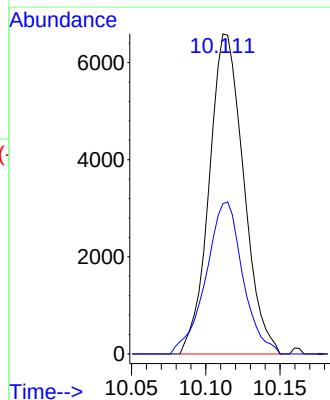
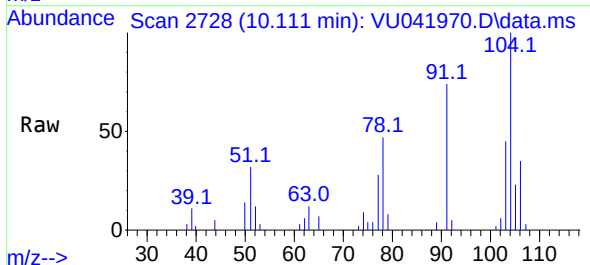
Manual Integrations
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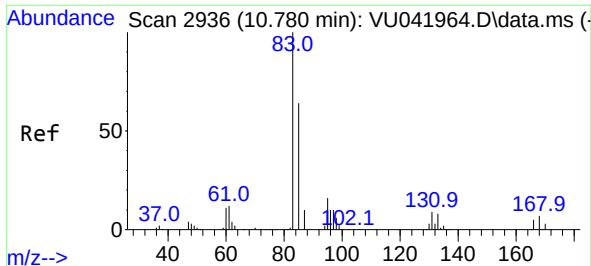
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#55
Styrene
Concen: 2.04 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

Tgt Ion:104 Resp: 10639
Ion Ratio Lower Upper
104 100
78 47.0 35.0 65.0





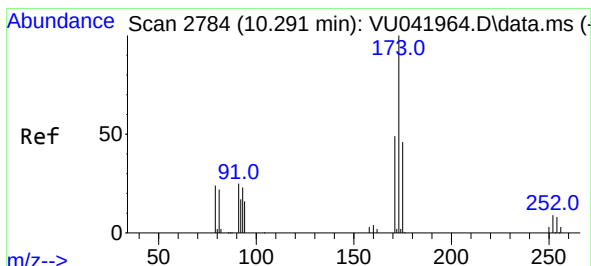
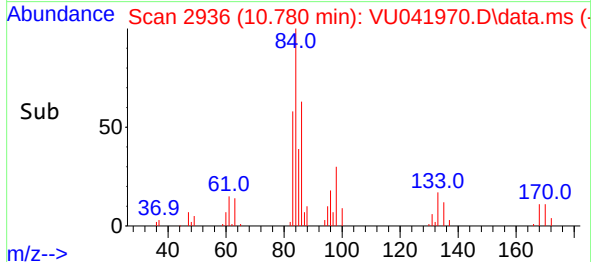
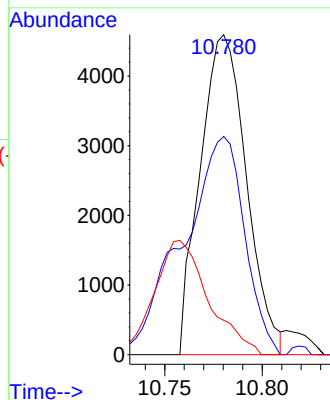
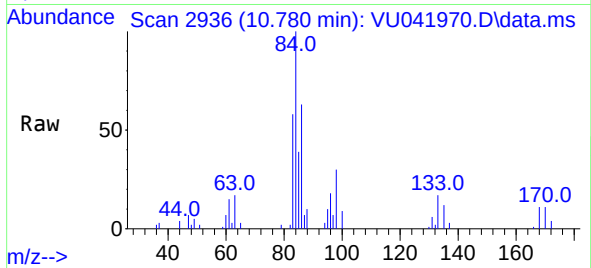
#57
1,1,2,2-Tetrachloroethane
Concen: 2.15 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

Tgt Ion: 83 Resp: 7583
Ion Ratio Lower Upper
83 100
85 68.2 45.1 83.9
131 10.7 7.4 11.2

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

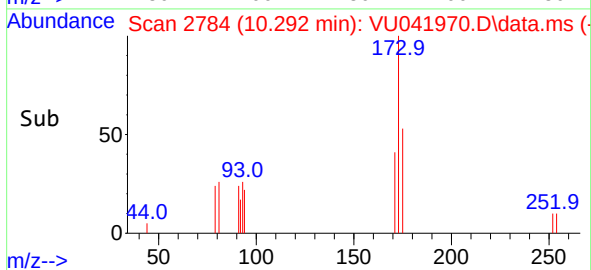
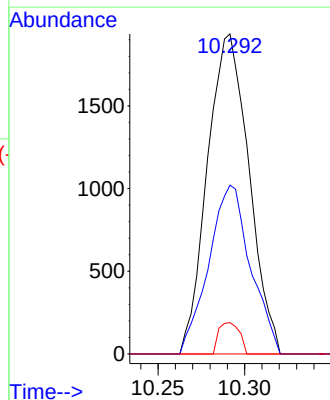
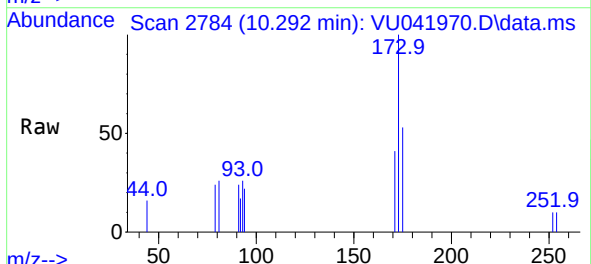
Manual Integrations
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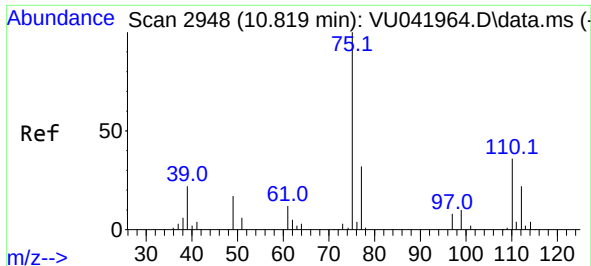
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#59
Bromoform
Concen: 2.45 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

Tgt Ion: 173 Resp: 3229
Ion Ratio Lower Upper
173 100
175 53.1 37.8 56.8
254 4.9 6.6 10.0#





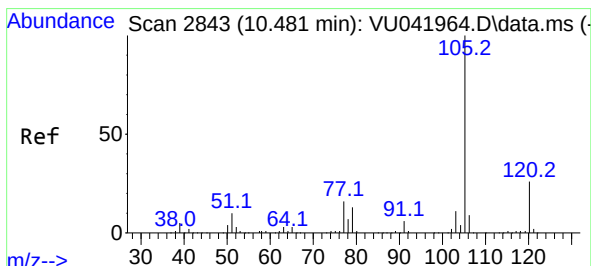
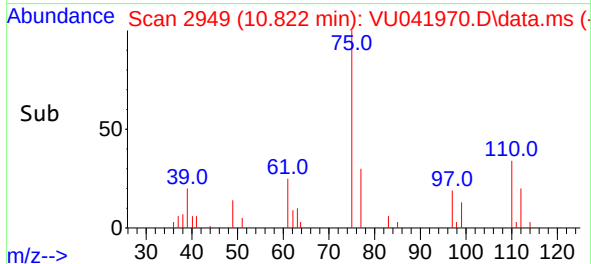
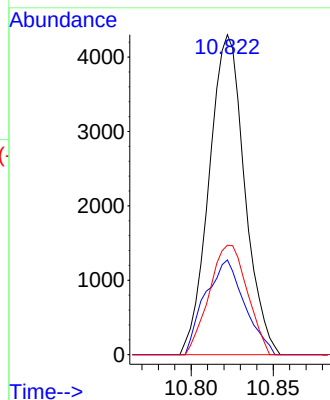
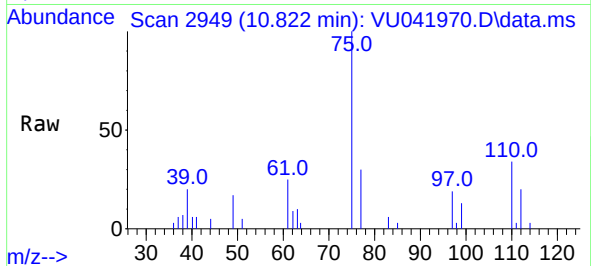
#60
1,2,3-Trichloropropane
Concen: 2.44 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

Tgt Ion:	75	Resp:	6467
Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.8	38.6
110	36.6	28.7	43.1

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

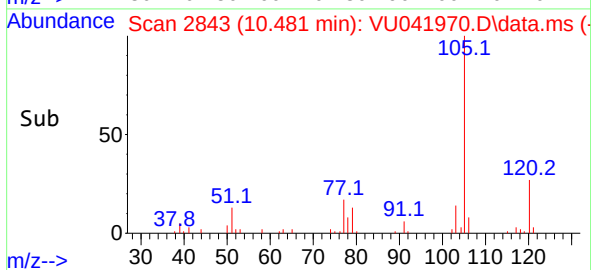
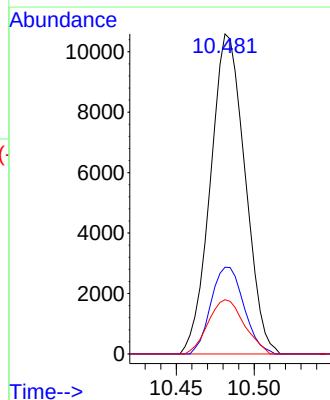
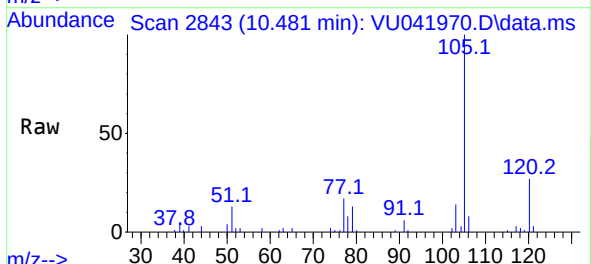
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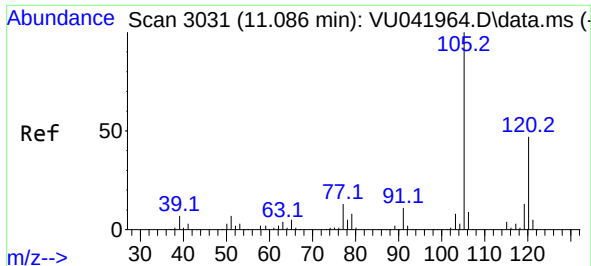
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1/13/2021 12:19:22 PM



#61
Isopropylbenzene
Concen: 2.29 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

Tgt Ion:	105	Resp:	16304
Ion	Ratio	Lower	Upper
105	100		
120	25.9	20.6	30.8
77	17.6	13.4	20.0





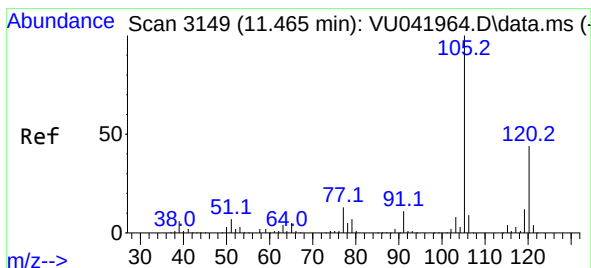
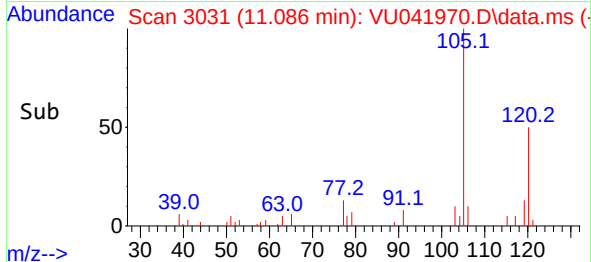
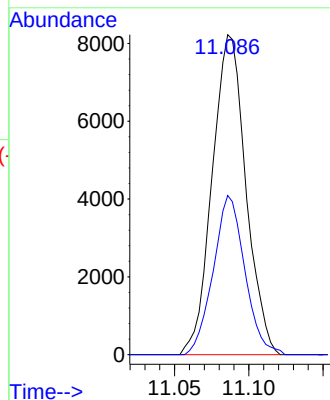
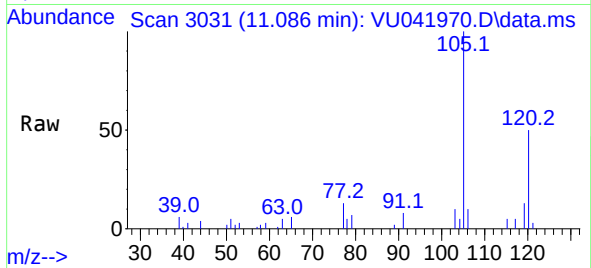
#62
1,3,5-Trimethylbenzene
Concen: 2.15 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. 0.000 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

Tgt Ion:105 Resp: 12977
Ion Ratio Lower Upper
105 100
120 46.6 37.9 56.9

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

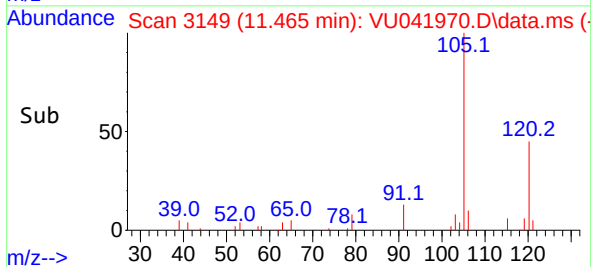
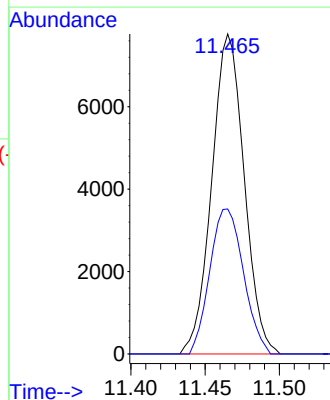
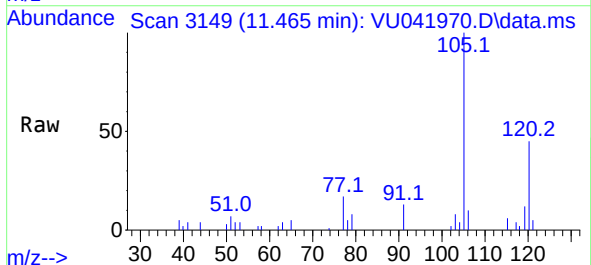
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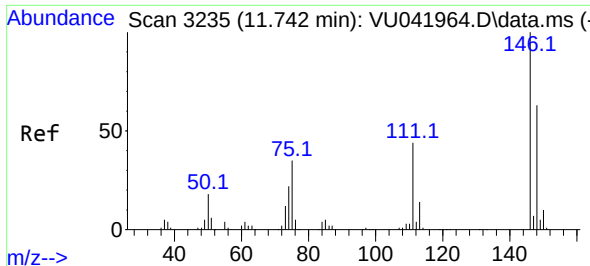
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1/13/2021 12:19:22 PM



#63
1,2,4-Trimethylbenzene
Concen: 1.96 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. 0.003 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

Tgt Ion:105 Resp: 11802
Ion Ratio Lower Upper
105 100
120 46.9 35.5 53.3





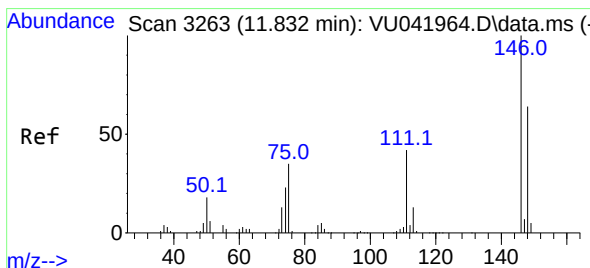
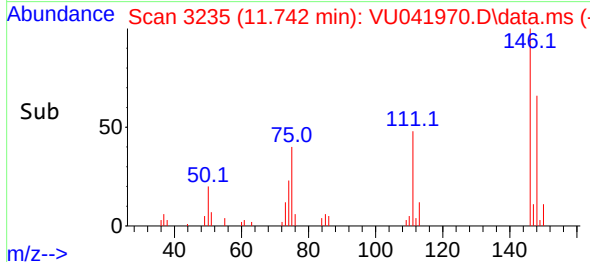
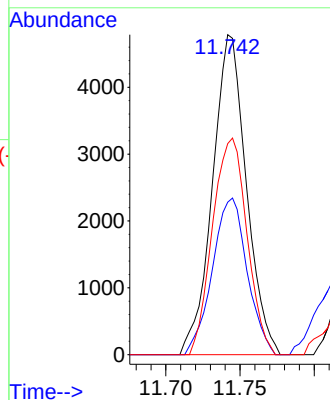
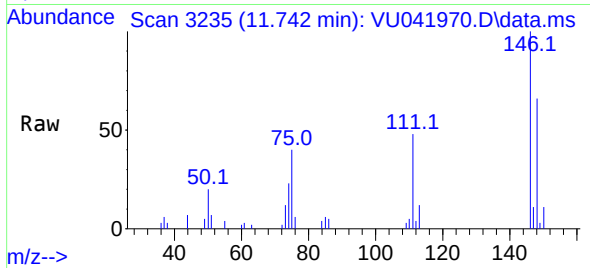
#64
1,3-Dichlorobenzene
Concen: 2.34 ug/L
RT: 11.742 min Scan# 3235
Delta R.T. 0.000 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

Tgt Ion:146 Resp: 7596
Ion Ratio Lower Upper
146 100
111 47.6 30.7 56.9
148 65.9 44.1 81.9

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

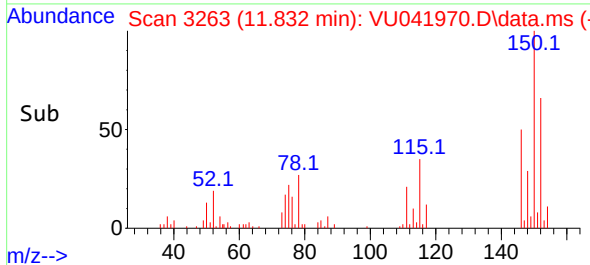
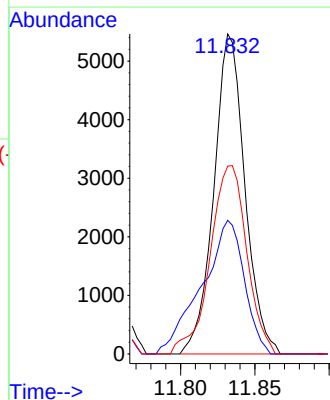
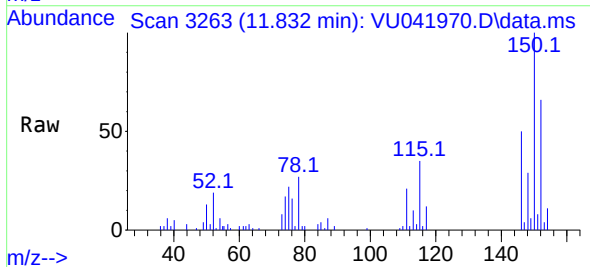
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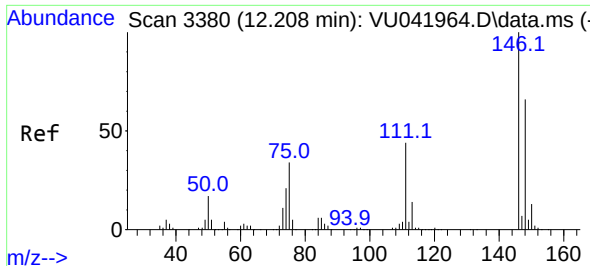
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1/13/2021 12:19:22 PM



#65
1,4-Dichlorobenzene
Concen: 2.45 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

Tgt Ion:146 Resp: 7950
Ion Ratio Lower Upper
146 100
111 41.7 29.4 54.6
148 58.7 45.1 83.9





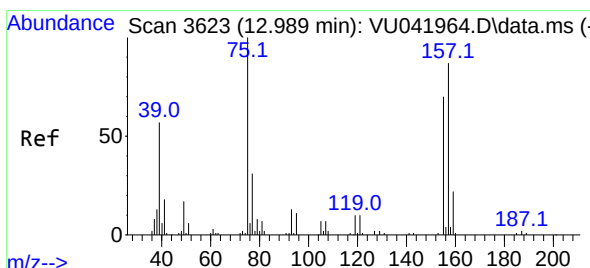
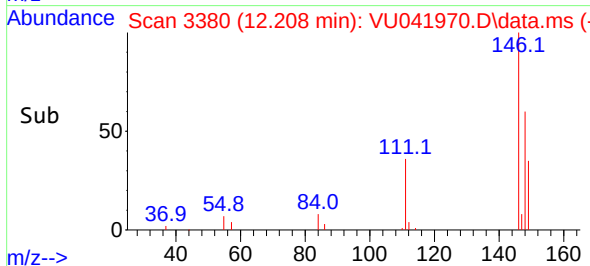
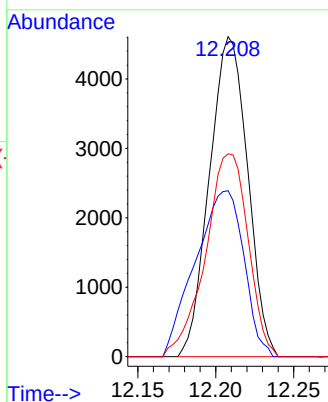
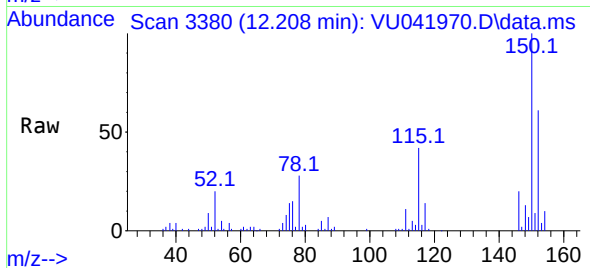
#67
1,2-Dichlorobenzene
Concen: 2.36 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. 0.003 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

Tgt Ion: 146 Resp: 7849
Ion Ratio Lower Upper
146 100
111 51.9 35.4 53.2
148 63.4 52.6 79.0

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

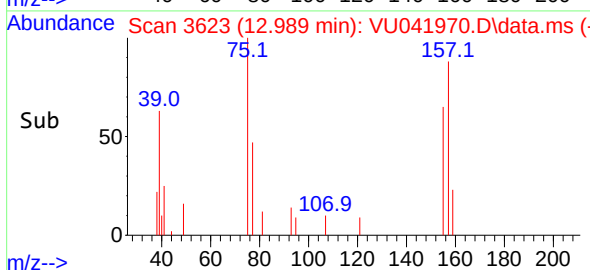
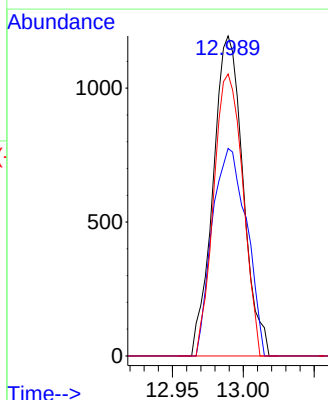
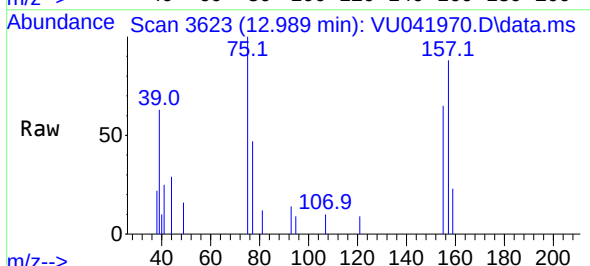
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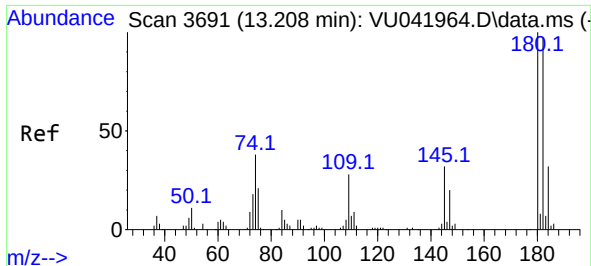
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1/13/2021 12:19:22 PM



#68
1,2-Dibromo-3-chloropropane
Concen: 2.09 ug/L
RT: 12.989 min Scan# 3623
Delta R.T. 0.003 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

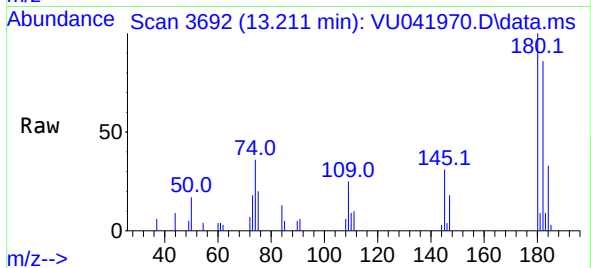
Tgt Ion: 75 Resp: 1760
Ion Ratio Lower Upper
75 100
155 64.9 56.2 84.2
157 88.1 69.5 104.3





#69
1,3,5-Trichlorobenzene
Concen: 2.47 ug/L
RT: 13.211 min Scan# 3692
Delta R.T. 0.000 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

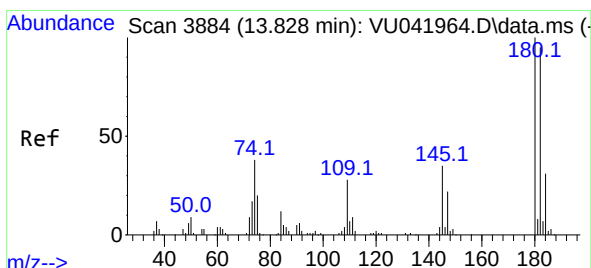
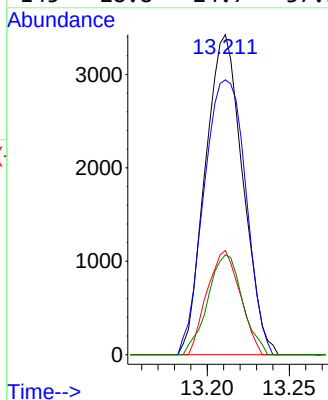
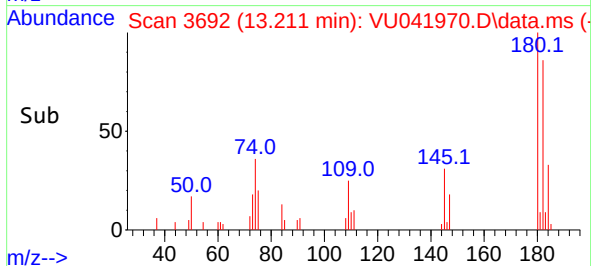
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2021-01



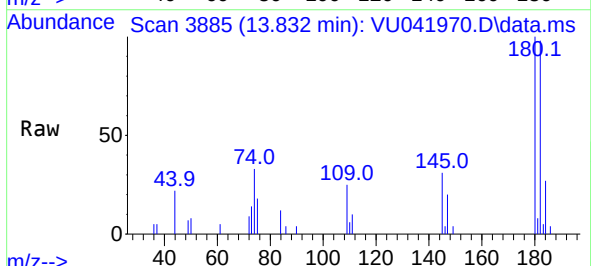
Tgt Ion:180 Resp: 5428
Ion Ratio Lower Upper
180 100
182 95.7 76.1 114.1
184 28.8 24.3 36.5
145 28.8 24.7 37.1

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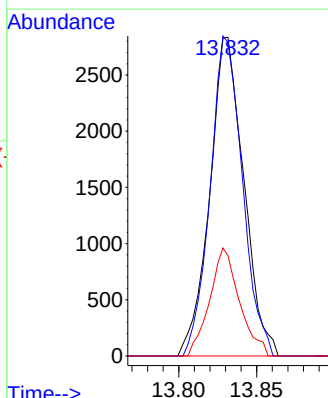
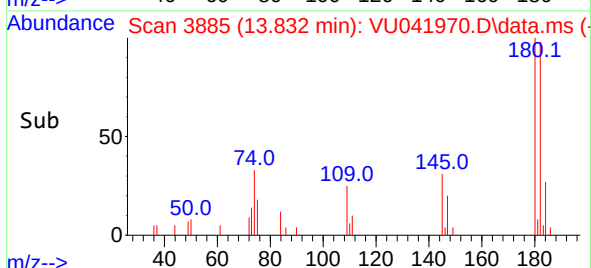
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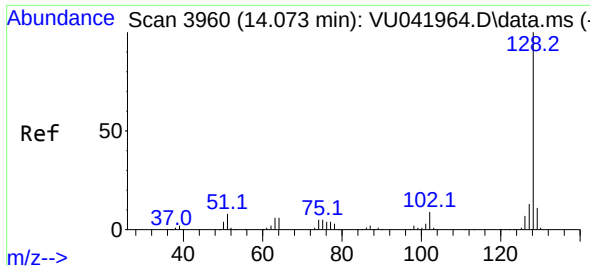


#70
1,2,4-trichlorobenzene
Concen: 2.54 ug/L
RT: 13.832 min Scan# 3885
Delta R.T. 0.003 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43

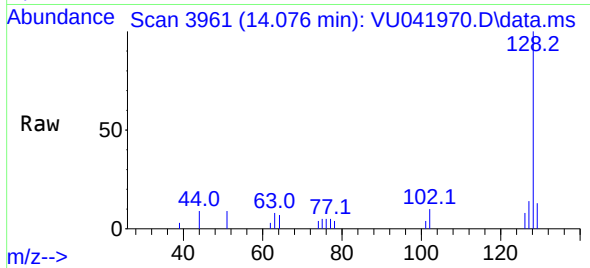


Tgt Ion:180 Resp: 4303
Ion Ratio Lower Upper
180 100
182 94.9 76.1 114.1
145 29.7 26.8 40.2

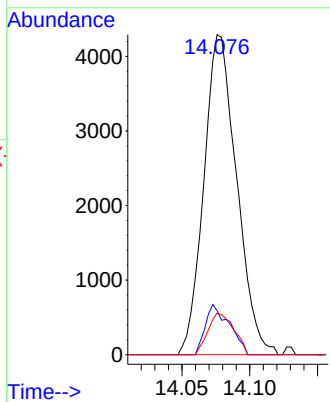
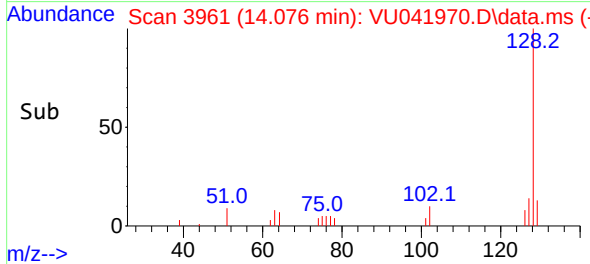




#71
Naphthalene
Concen: 1.24 ug/L
RT: 14.076 min Scan# 3961
Delta R.T. 0.003 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43



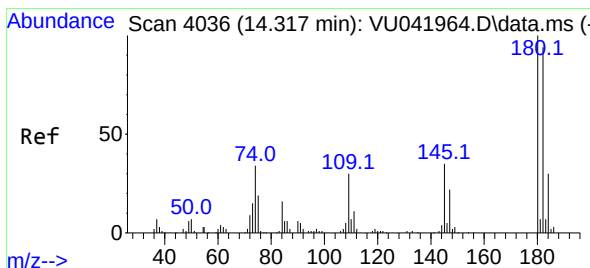
Tgt Ion:128 Resp: 7229
Ion Ratio Lower Upper
128 100
127 7.3 10.8 16.2#
129 10.2 8.7 13.1



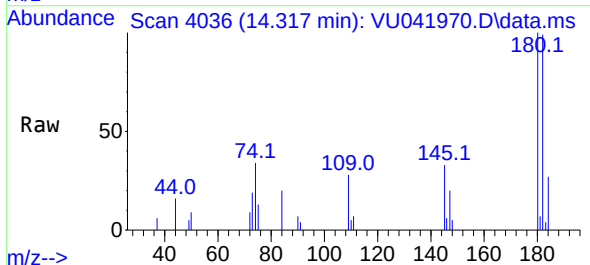
Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2021-01

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1/13/2021 12:19:22 PM



#72
1,2,3-Trichlorobenzene
Concen: 2.33 ug/L
RT: 14.317 min Scan# 4036
Delta R.T. 0.000 min
Lab File: VU041970.D
Acq: 12 Jan 2021 15:43



Tgt Ion:180 Resp: 4043
Ion Ratio Lower Upper
180 100
182 94.5 75.5 113.3
145 28.4 27.1 40.7

