

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040422\
 Data File : VN071838.D
 Acq On : 04 Apr 2022 17:53
 Operator : JC\MD
 Sample : N2200-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-29

Quant Time: Apr 05 01:20:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

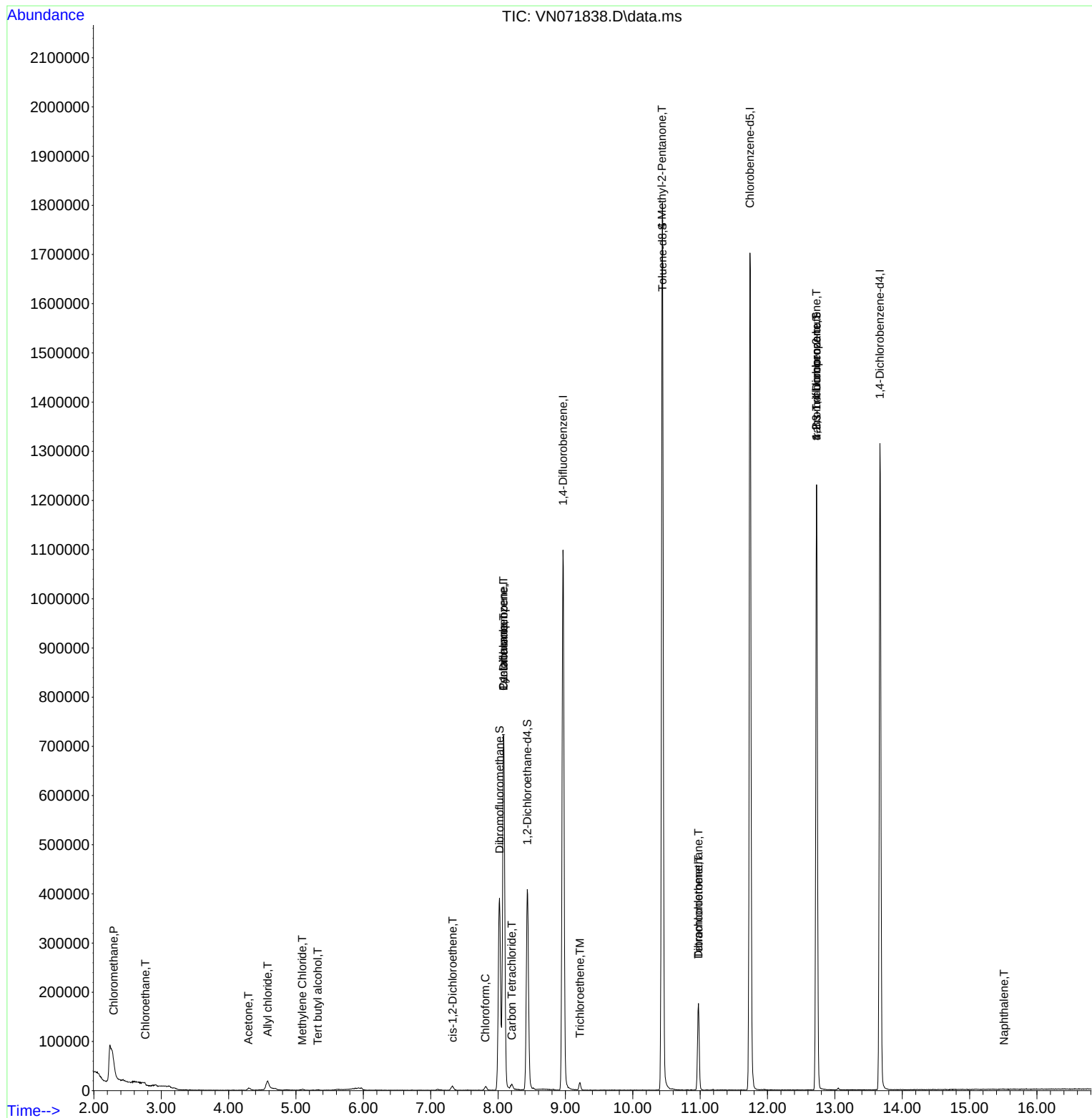
Internal Standards						
1) Pentafluorobenzene	8.081	168	613692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1037047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1077794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	391430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	343575	49.040	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.080%
35) Dibromofluoromethane	8.022	113	296064	48.516	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.040%
50) Toluene-d8	10.439	98	1314369	52.651	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.300%
62) 4-Bromofluorobenzene	12.727	95	442801	54.845	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	109.700%
Target Compounds						
					Qvalue	
3) Chloromethane	2.293	50	3143	0.508	ug/l #	62
6) Chloroethane	2.763	64	2074	0.425	ug/l #	48
11) Tert butyl alcohol	5.322	59	602	0.529	ug/l #	72
14) Allyl chloride	4.581	41	2658	0.323	ug/l #	67
16) Acetone	4.293	43	5802	1.938	ug/l	95
18) Methyl Acetate	4.869	43	1771	Below Cal	#	48
20) Methylene Chloride	5.093	84	1471	0.233	ug/l #	75
27) cis-1,2-Dichloroethene	7.328	96	4994	0.732	ug/l	82
30) Chloroform	7.810	83	7812	0.704	ug/l	97
31) Cyclohexane	8.081	56	10069	1.057	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	40951	4.805	ug/l #	48
38) Carbon Tetrachloride	8.204	117	7349	0.880	ug/l	92
44) Trichloroethene	9.216	130	5893	0.850	ug/l	97
51) 4-Methyl-2-Pentanone	10.433	43	4368	0.490	ug/l #	1
60) Dibromochloromethane	10.975	129	40321	5.905	ug/l #	11
64) Tetrachloroethene	10.975	164	45146	6.343	ug/l	94
76) 1,2,3-Trichloropropane	12.727	75	215323	23.746	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	215323	73.588	ug/l #	10
95) Naphthalene	15.509	128	436	3.825	ug/l #	69

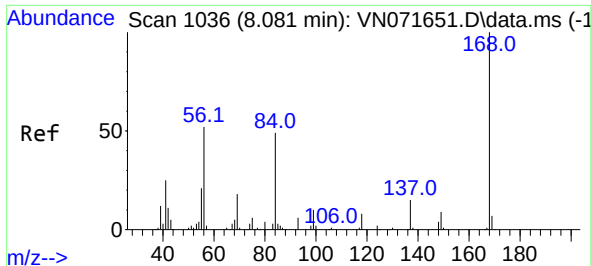
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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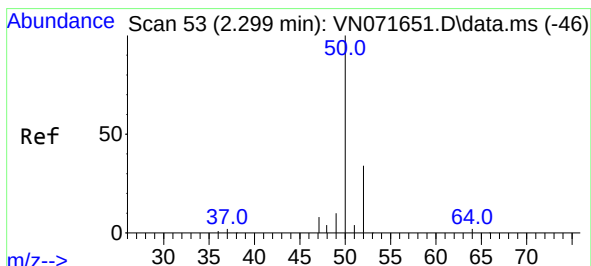
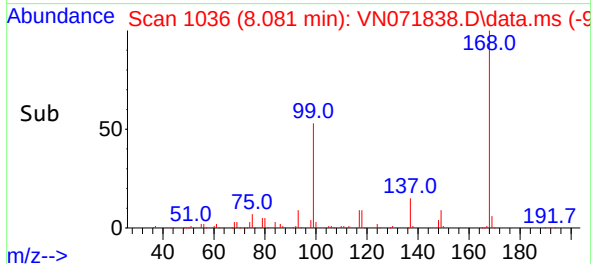
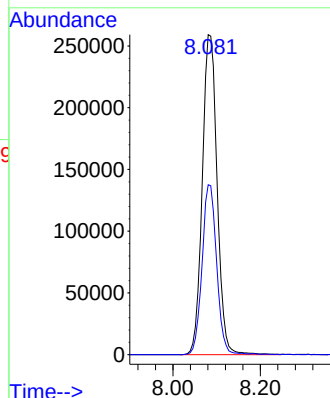
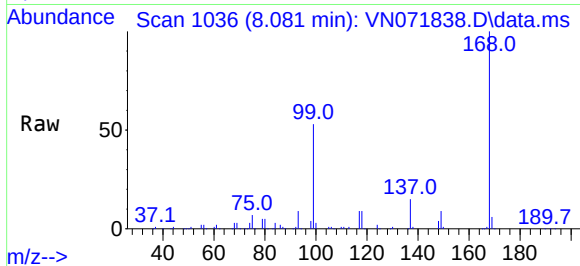




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN071838.D
Acq: 04 Apr 2022 17:53

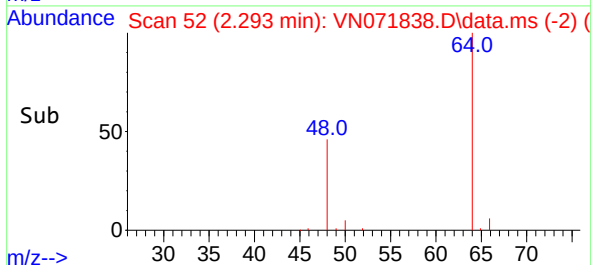
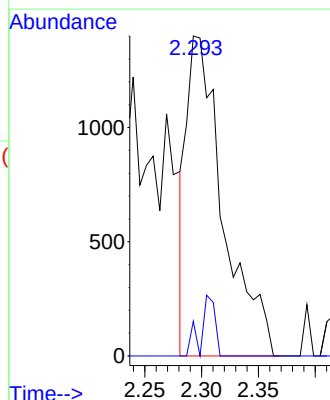
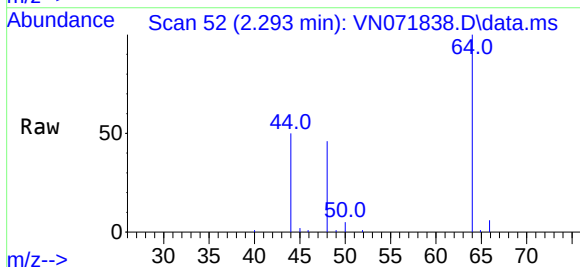
Instrument :
MSVOA_N
ClientSampleId :
MW-29

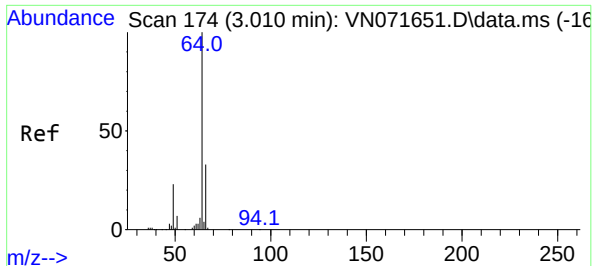
Tgt Ion:168 Resp: 613692
Ion Ratio Lower Upper
168 100
99 53.1 42.3 63.5



#3
Chloromethane
Concen: 0.508 ug/l
RT: 2.293 min Scan# 52
Delta R.T. -0.006 min
Lab File: VN071838.D
Acq: 04 Apr 2022 17:53

Tgt Ion: 50 Resp: 3143
Ion Ratio Lower Upper
50 100
52 10.8 25.7 38.5#

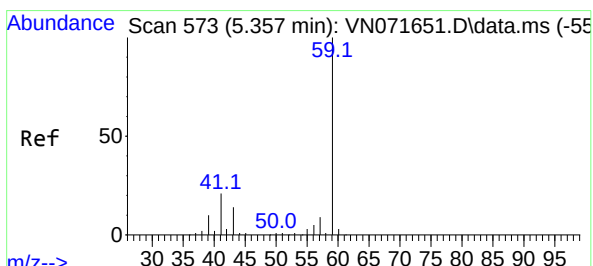
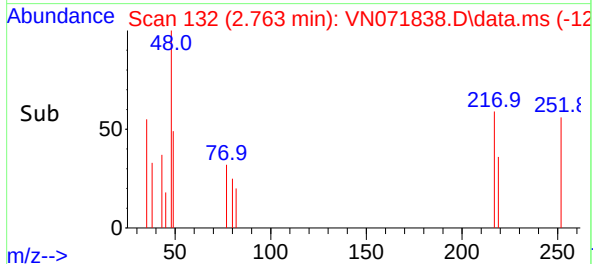
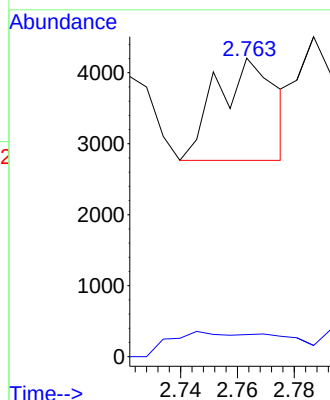
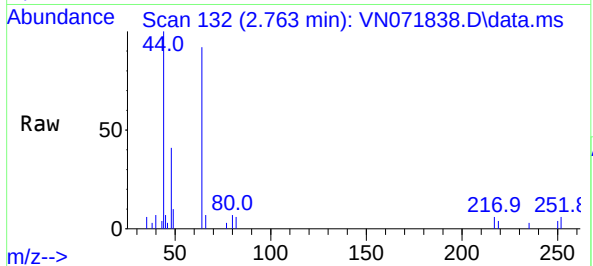




#6
Chloroethane
Concen: 0.425 ug/l
RT: 2.763 min Scan# 11
Delta R.T. -0.247 min
Lab File: VN071838.D
Acq: 04 Apr 2022 17:53

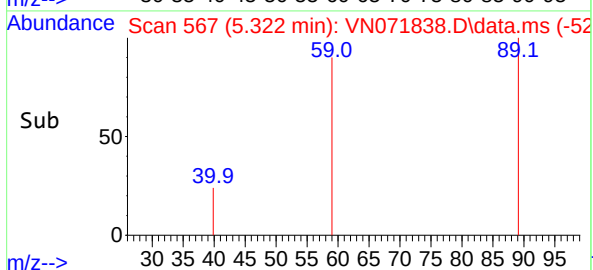
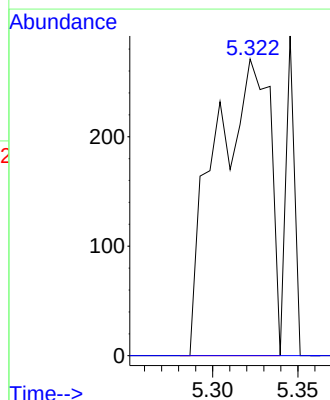
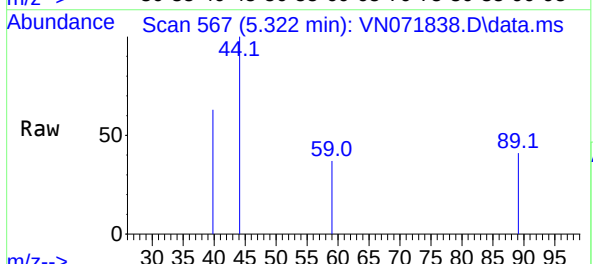
Instrument :
MSVOA_N
ClientSampleId :
MW-29

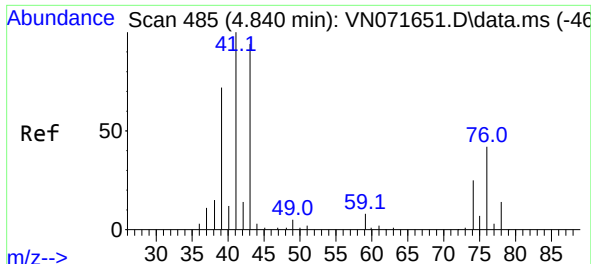
Tgt Ion: 64 Resp: 2074
Ion Ratio Lower Upper
64 100
66 3.6 26.2 39.4#



#11
Tert butyl alcohol
Concen: 0.529 ug/l
RT: 5.322 min Scan# 567
Delta R.T. -0.035 min
Lab File: VN071838.D
Acq: 04 Apr 2022 17:53

Tgt Ion: 59 Resp: 602
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

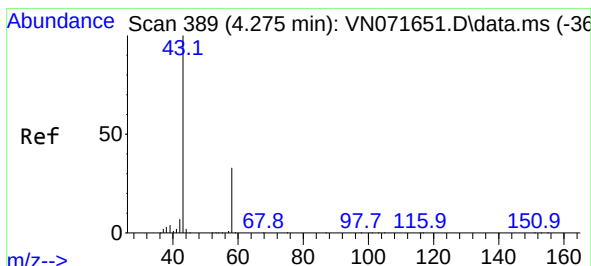
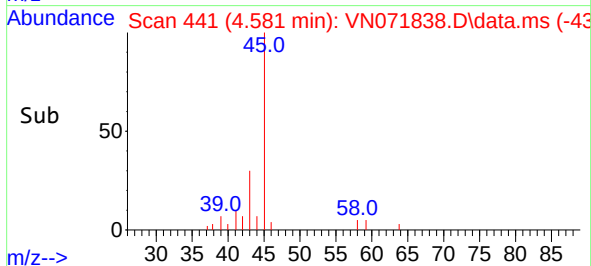
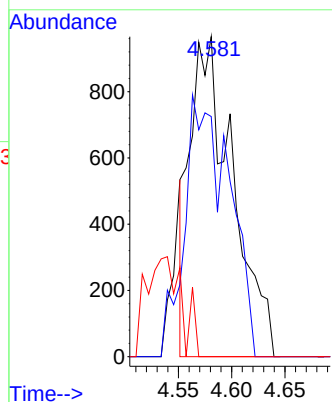
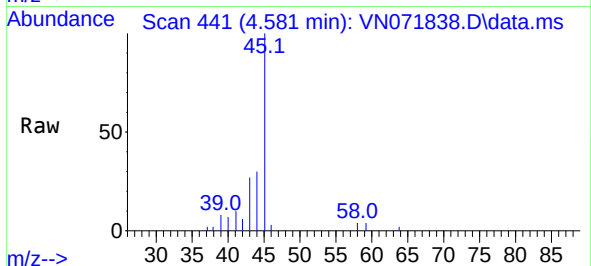




#14
Allyl chloride
Concen: 0.323 ug/l
RT: 4.581 min Scan# 41
Delta R.T. -0.259 min
Lab File: VN071838.D
Acq: 04 Apr 2022 17:53

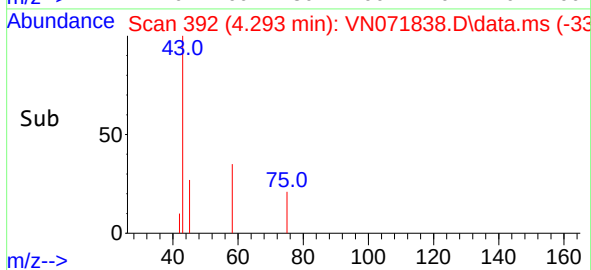
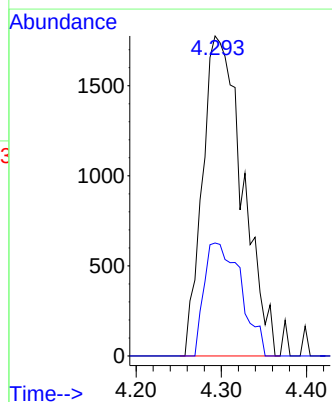
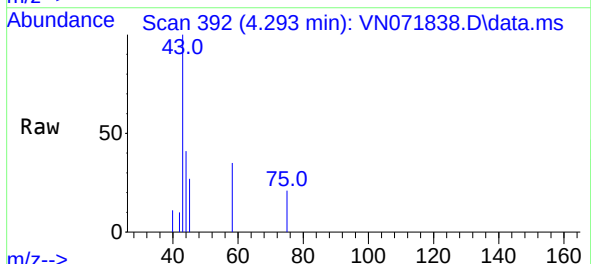
Instrument :
MSVOA_N
ClientSampleId :
MW-29

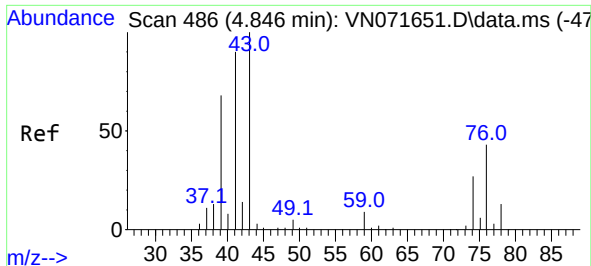
Tgt Ion: 41 Resp: 2658
Ion Ratio Lower Upper
41 100
39 79.0 53.2 79.8
76 0.0 29.9 44.9#



#16
Acetone
Concen: 1.938 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.018 min
Lab File: VN071838.D
Acq: 04 Apr 2022 17:53

Tgt Ion: 43 Resp: 5802
Ion Ratio Lower Upper
43 100
58 35.3 26.0 39.0

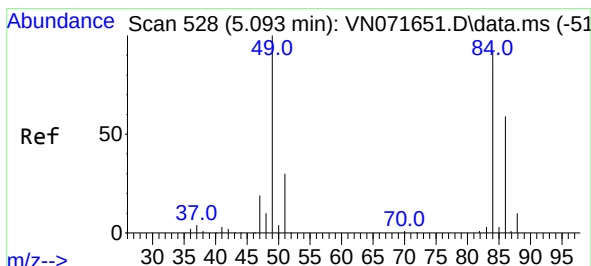
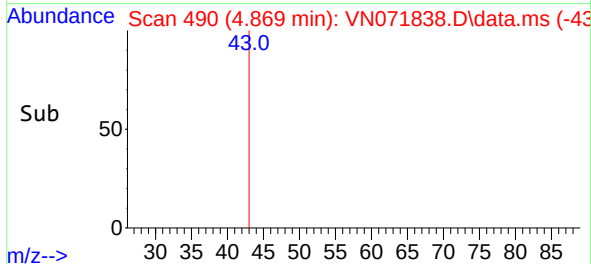
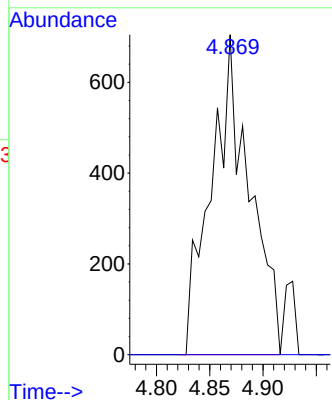
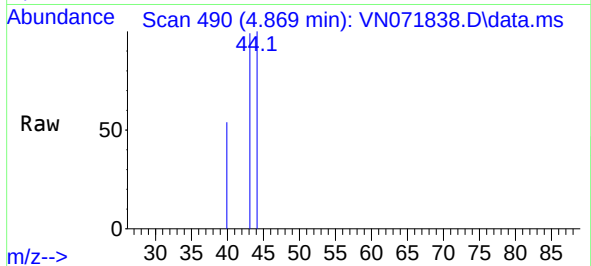




#18
Methyl Acetate
Concen: Below Cal
RT: 4.869 min Scan# 490
Delta R.T. 0.023 min
Lab File: VN071838.D
Acq: 04 Apr 2022 17:53

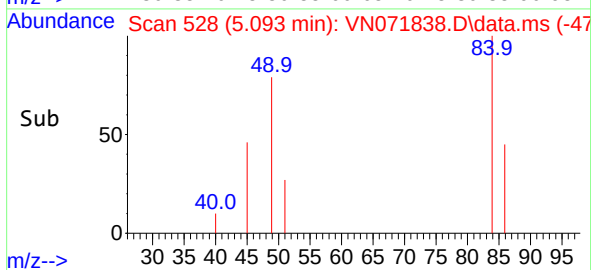
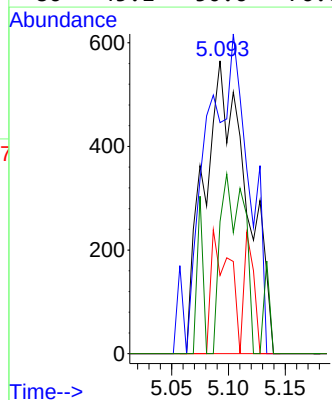
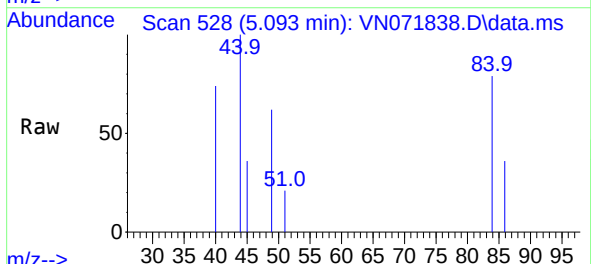
Instrument :
MSVOA_N
ClientSampleId :
MW-29

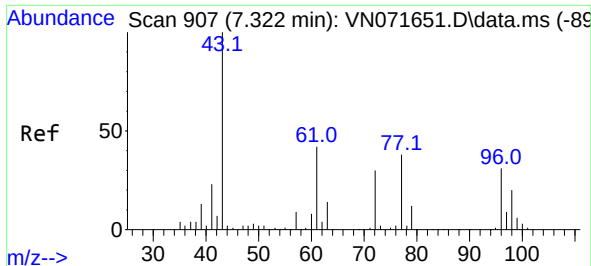
Tgt Ion: 43 Resp: 1771
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#20
Methylene Chloride
Concen: 0.233 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071838.D
Acq: 04 Apr 2022 17:53

Tgt Ion: 84 Resp: 1471
Ion Ratio Lower Upper
84 100
49 78.9 88.3 132.5#
51 26.7 28.2 42.2#
86 45.1 50.6 76.0#





#27

cis-1,2-Dichloroethene

Concen: 0.732 ug/l

RT: 7.328 min Scan# 90

Delta R.T. 0.006 min

Lab File: VN071838.D

Acq: 04 Apr 2022 17:53

Instrument :

MSVOA_N

ClientSampleId :

MW-29

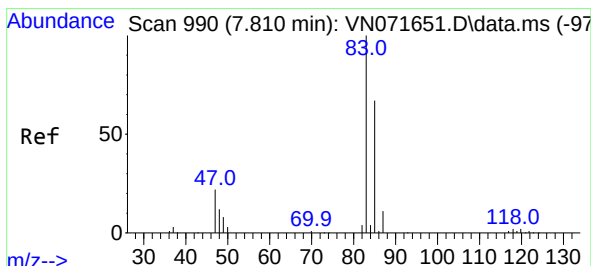
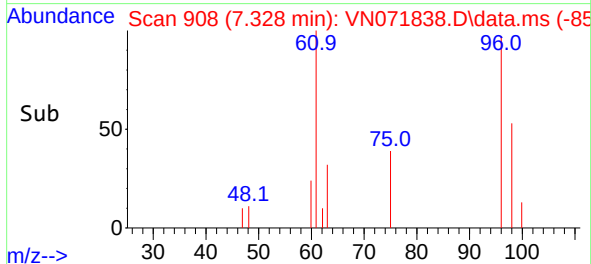
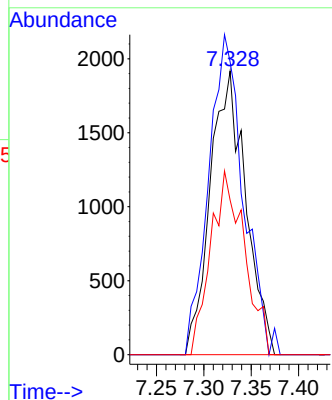
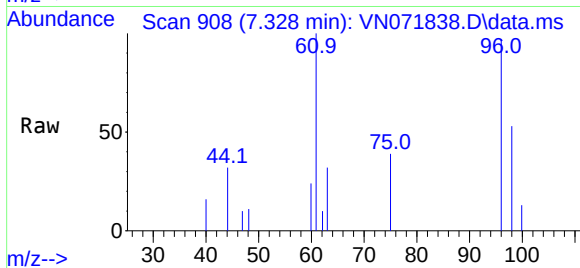
Tgt Ion: 96 Resp: 4994

Ion Ratio Lower Upper

96 100

61 110.7 0.0 280.6

98 61.6 0.0 128.4



#30

Chloroform

Concen: 0.704 ug/l

RT: 7.810 min Scan# 990

Delta R.T. 0.000 min

Lab File: VN071838.D

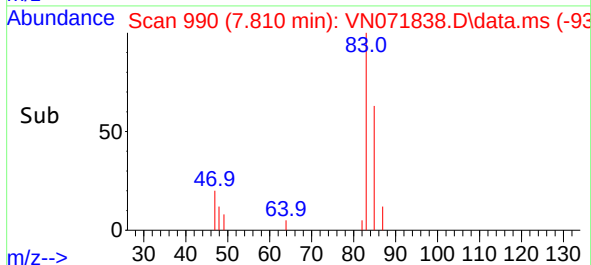
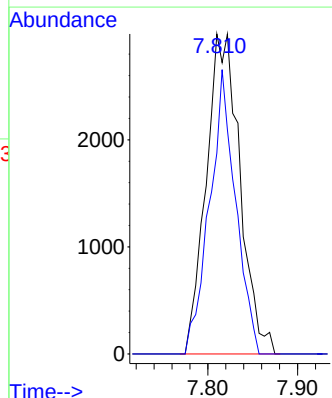
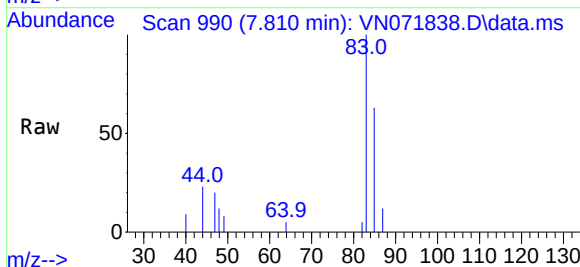
Acq: 04 Apr 2022 17:53

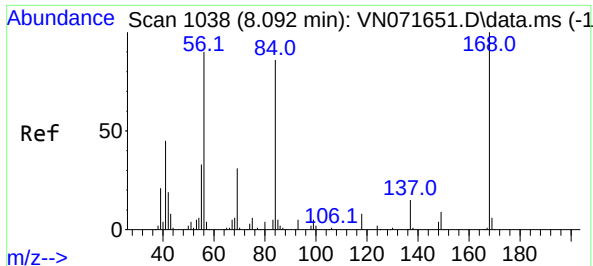
Tgt Ion: 83 Resp: 7812

Ion Ratio Lower Upper

83 100

85 62.7 51.8 77.8





#31

Cyclohexane

Concen: 1.057 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.011 min

Lab File: VN071838.D

Acq: 04 Apr 2022 17:53

Instrument :

MSVOA_N

ClientSampleId :

MW-29

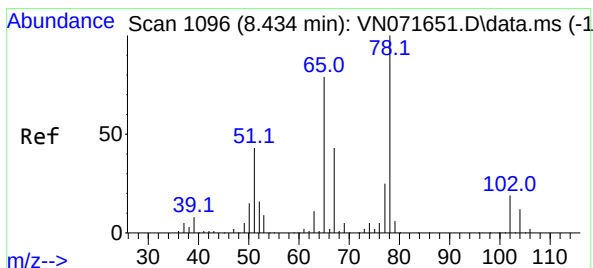
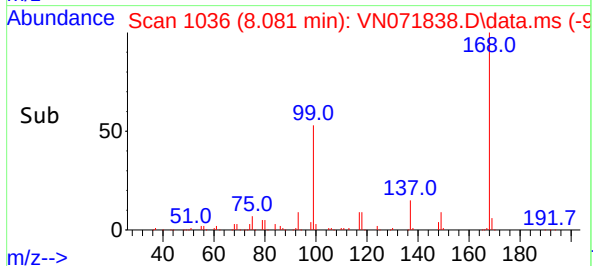
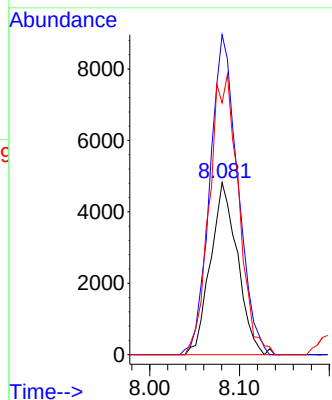
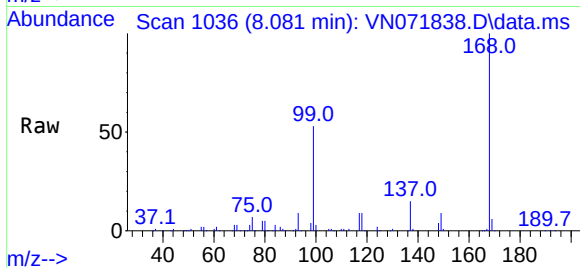
Tgt Ion: 56 Resp: 10069

Ion Ratio Lower Upper

56 100

69 185.9 27.8 41.8#

84 146.3 76.9 115.3#



#33

1,2-Dichloroethane-d4

Concen: 49.040 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN071838.D

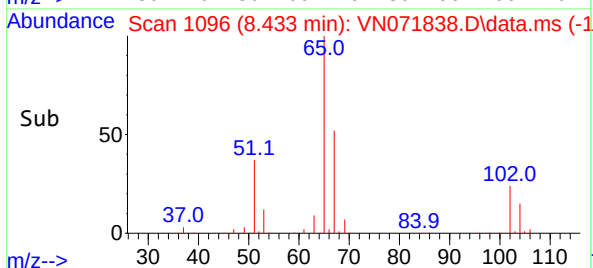
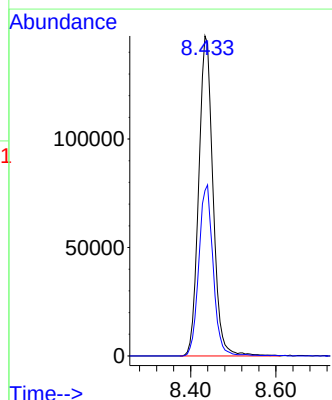
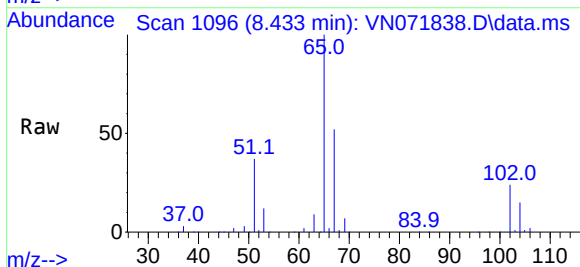
Acq: 04 Apr 2022 17:53

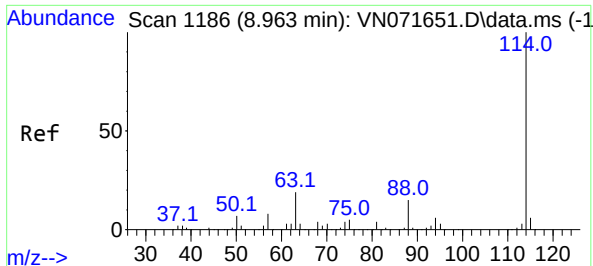
Tgt Ion: 65 Resp: 343575

Ion Ratio Lower Upper

65 100

67 53.1 0.0 104.8

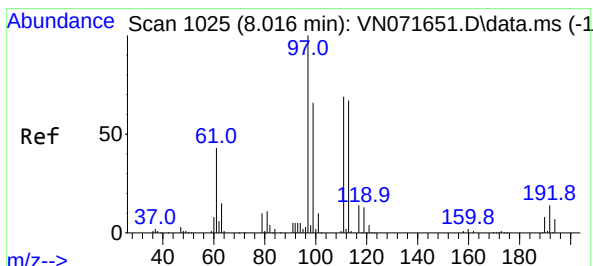
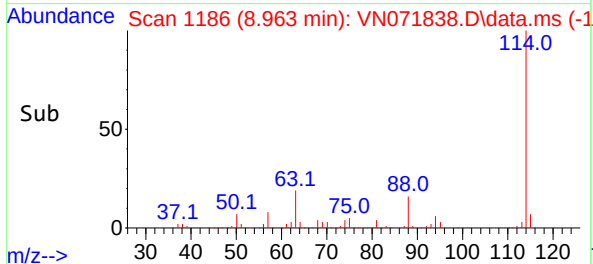
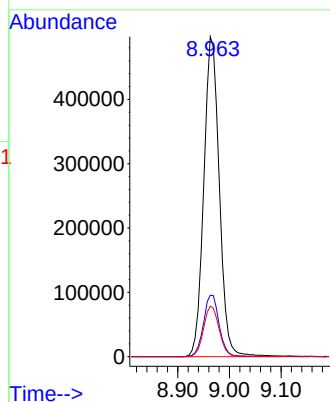
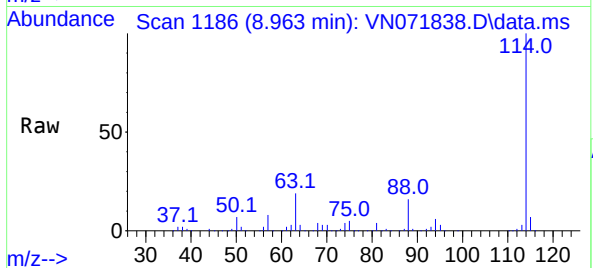




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071838.D
Acq: 04 Apr 2022 17:53

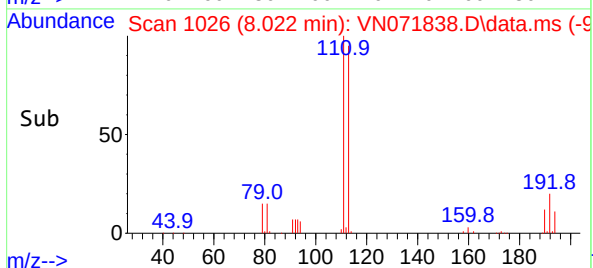
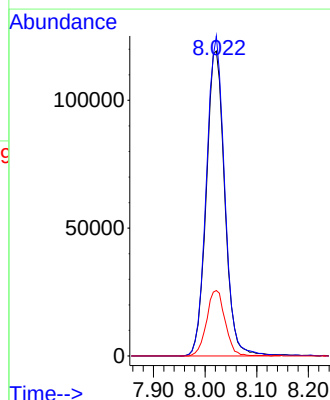
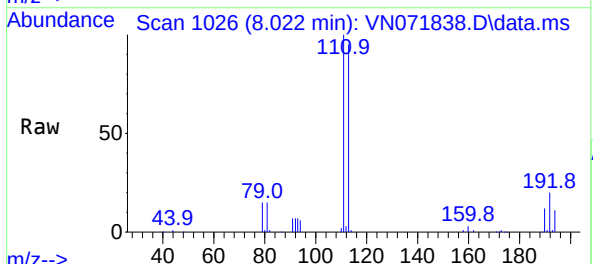
Instrument :
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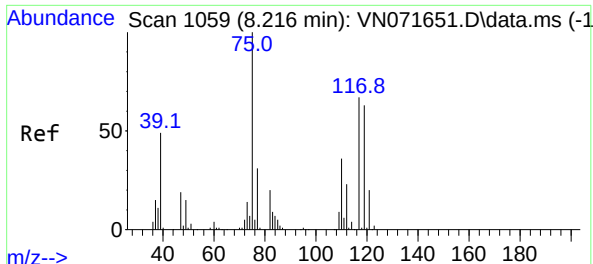
Tgt Ion:114 Resp: 1037047
Ion Ratio Lower Upper
114 100
63 19.2 0.0 40.0
88 15.8 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.516 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071838.D
Acq: 04 Apr 2022 17:53

Tgt Ion:113 Resp: 296064
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.0
192 21.5 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.805 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN071838.D

Acq: 04 Apr 2022 17:53

Instrument :

MSVOA_N

ClientSampleId :

MW-29

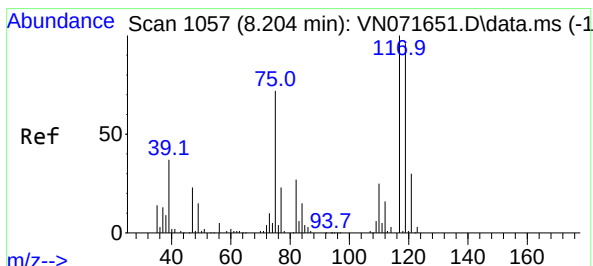
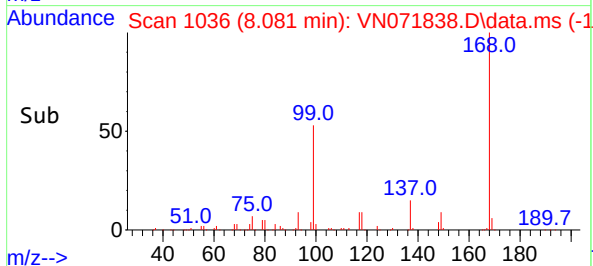
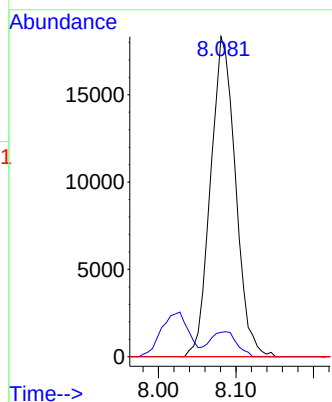
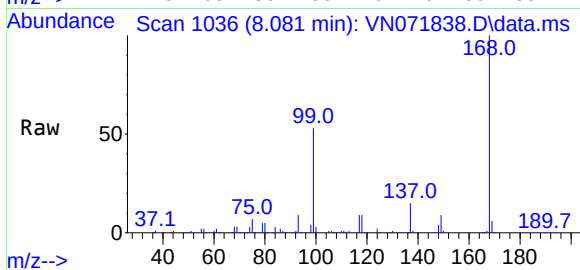
Tgt Ion: 75 Resp: 40951

Ion Ratio Lower Upper

75 100

110 8.2 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 0.880 ug/l

RT: 8.204 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN071838.D

Acq: 04 Apr 2022 17:53

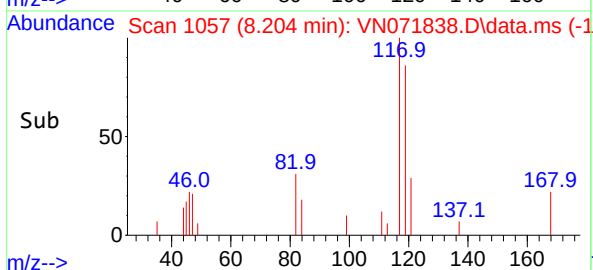
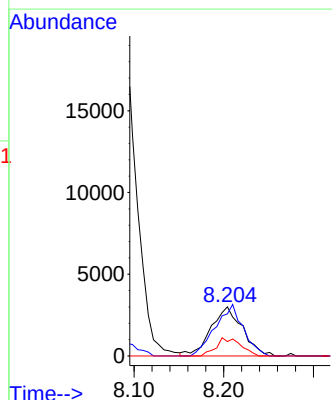
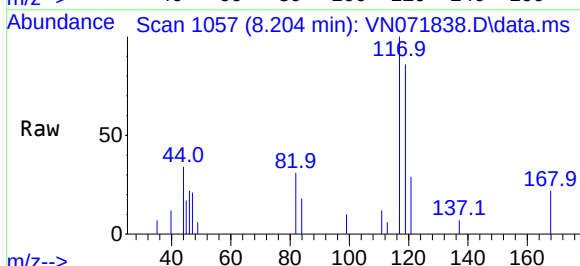
Tgt Ion: 117 Resp: 7349

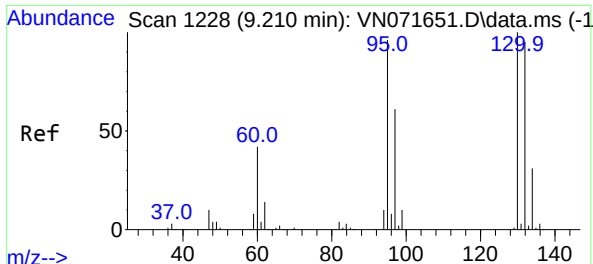
Ion Ratio Lower Upper

117 100

119 85.8 75.8 113.8

121 29.2 24.6 37.0

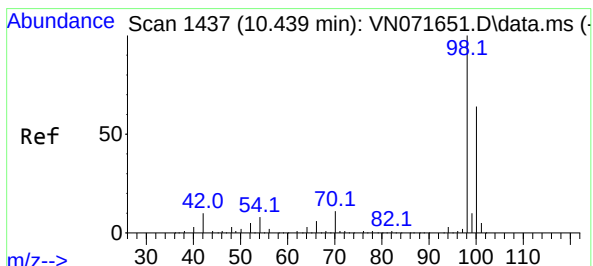
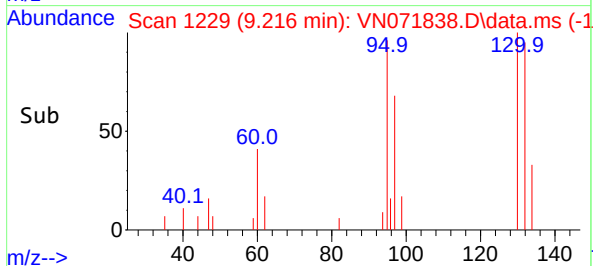
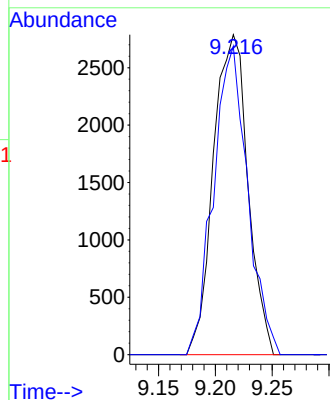
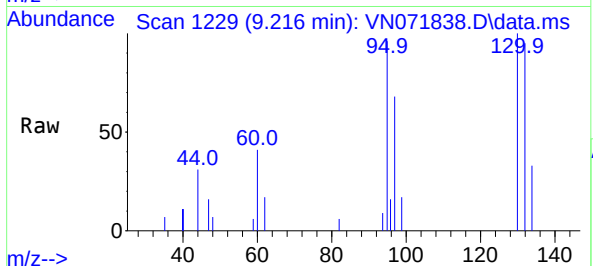




#44
Trichloroethene
Concen: 0.850 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071838.D
Acq: 04 Apr 2022 17:53

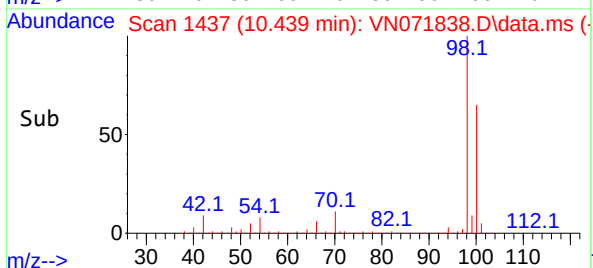
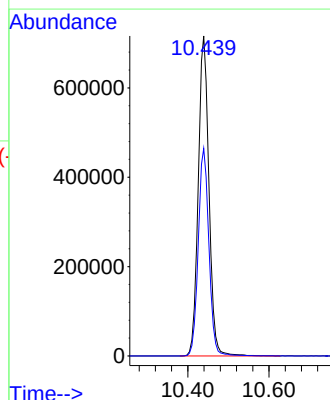
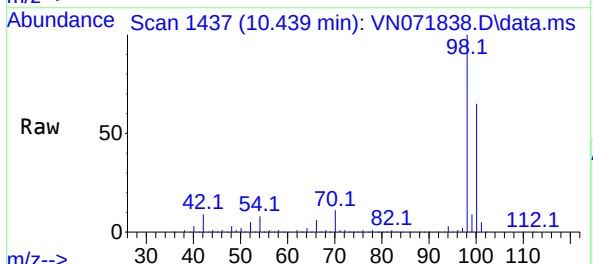
Instrument :
MSVOA_N
ClientSampleId :
MW-29

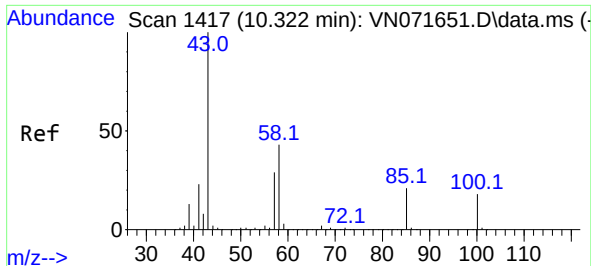
Tgt Ion:130 Resp: 5893
Ion Ratio Lower Upper
130 100
95 96.3 0.0 186.8



#50
Toluene-d8
Concen: 52.651 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071838.D
Acq: 04 Apr 2022 17:53

Tgt Ion: 98 Resp: 1314369
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8

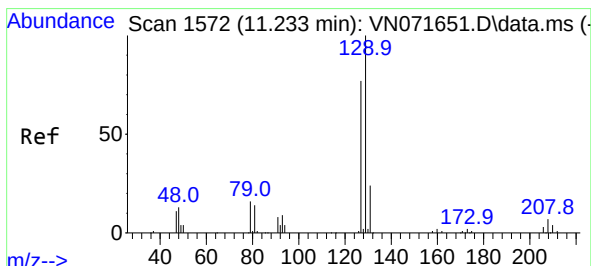
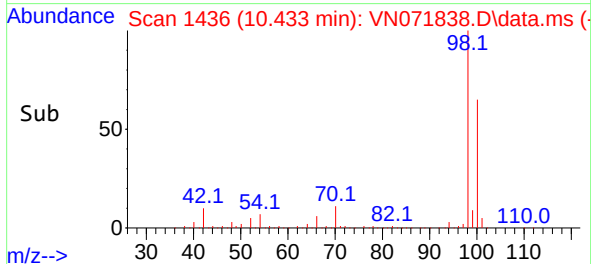
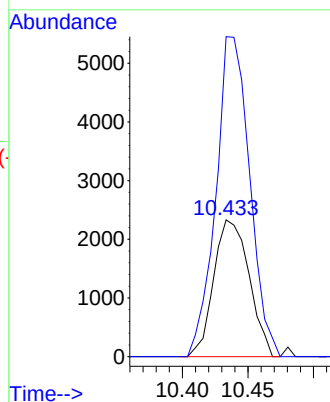
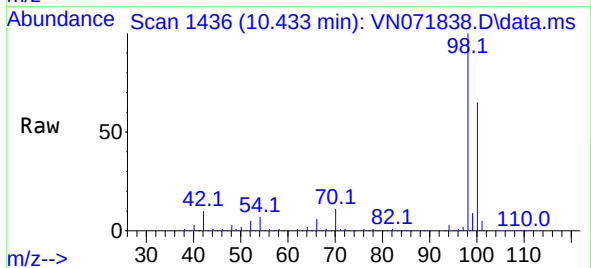




#51
4-Methyl-2-Pentanone
Concen: 0.490 ug/l
RT: 10.433 min Scan# 1417
Delta R.T. 0.111 min
Lab File: VN071838.D
Acq: 04 Apr 2022 17:53

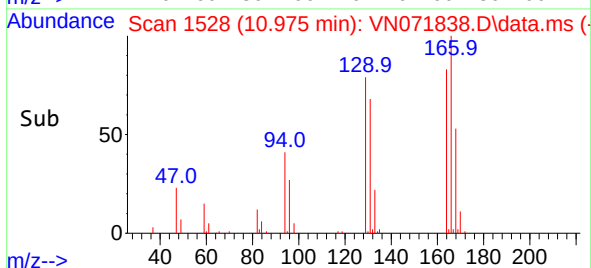
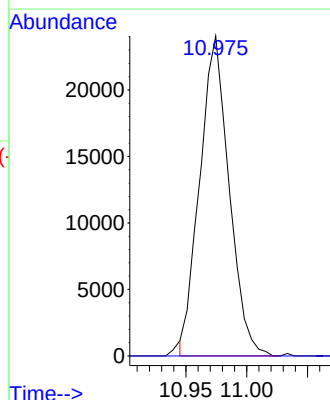
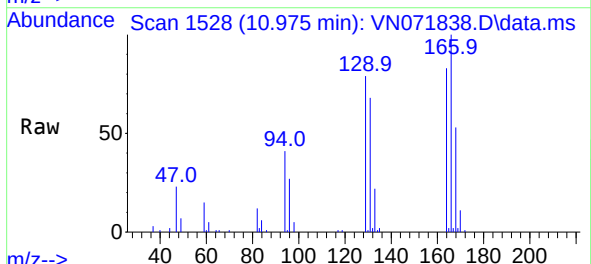
Instrument :
MSVOA_N
ClientSampleId :
MW-29

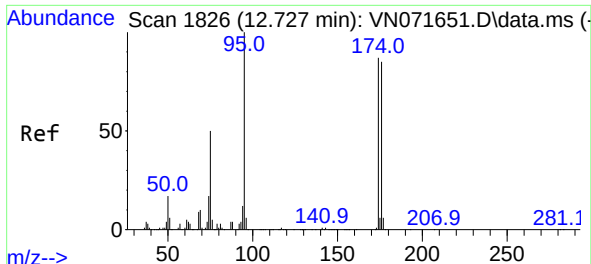
Tgt Ion: 43 Resp: 4368
Ion Ratio Lower Upper
43 100
58 224.0 34.1 51.1#



#60
Dibromochloromethane
Concen: 5.905 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.258 min
Lab File: VN071838.D
Acq: 04 Apr 2022 17:53

Tgt Ion: 129 Resp: 40321
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

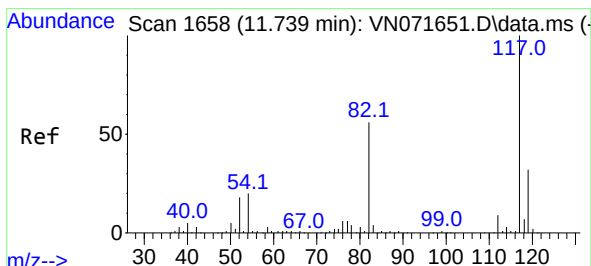
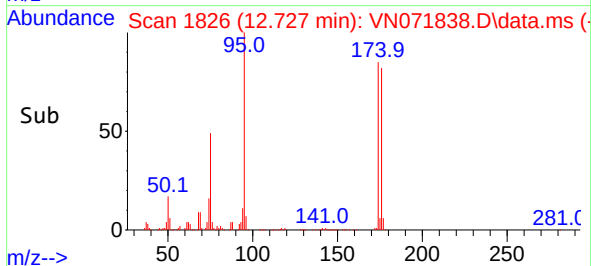
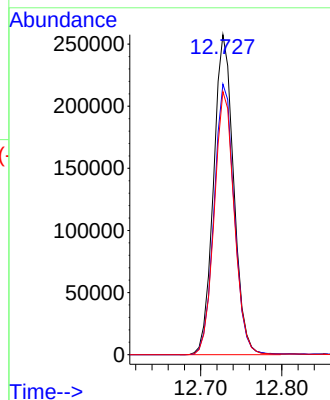
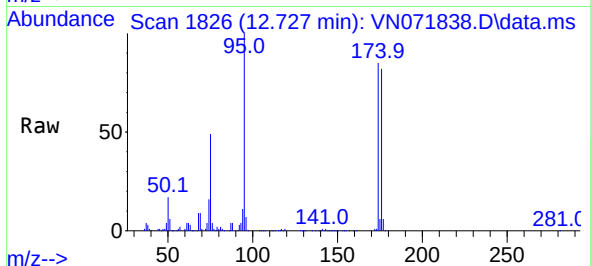




#62
4-Bromofluorobenzene
Concen: 54.845 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071838.D
Acq: 04 Apr 2022 17:53

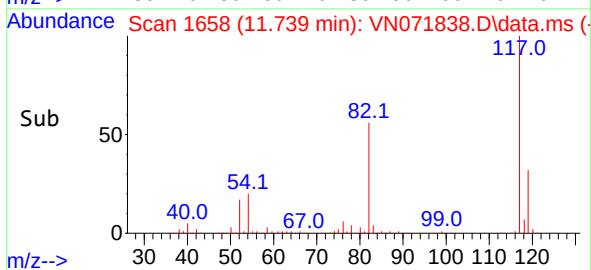
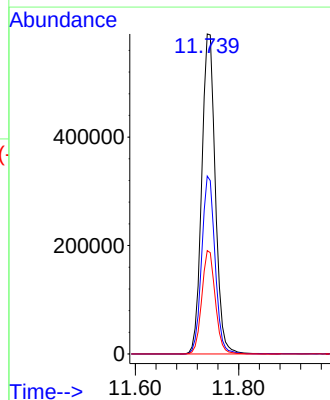
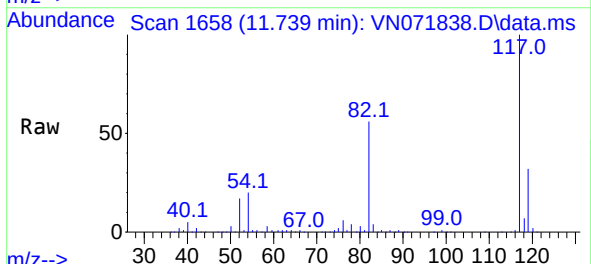
Instrument :
MSVOA_N
ClientSampleId :
MW-29

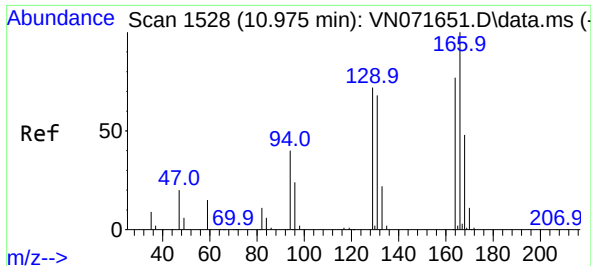
Tgt Ion: 95 Resp: 442801
Ion Ratio Lower Upper
95 100
174 85.1 0.0 167.6
176 82.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071838.D
Acq: 04 Apr 2022 17:53

Tgt Ion: 117 Resp: 1077794
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 32.3 25.4 38.0



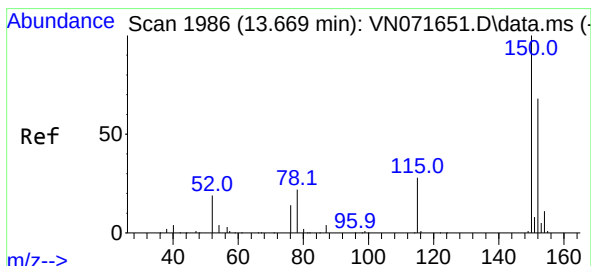
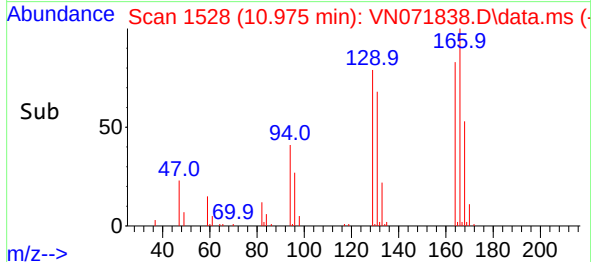
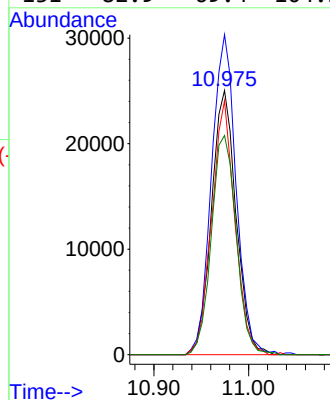
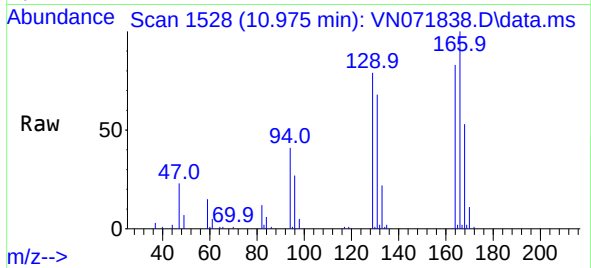


#64
Tetrachloroethene
Concen: 6.343 ug/l
RT: 10.975 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071838.D
Acq: 04 Apr 2022 17:53

Instrument :
MSVOA_N
ClientSampleId :
MW-29

Tgt Ion:164 Resp: 45146

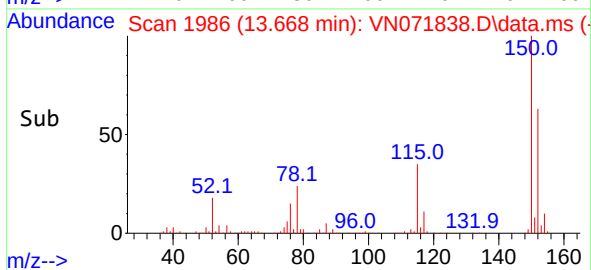
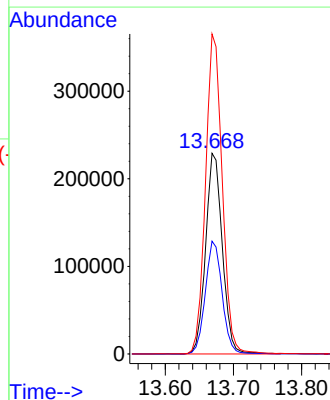
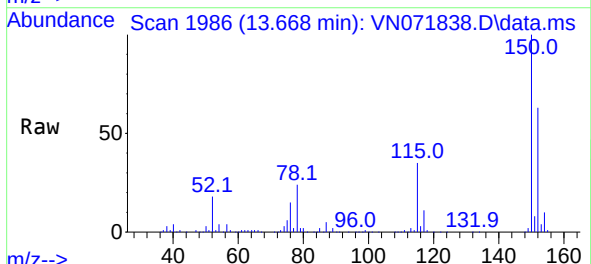
Ion	Ratio	Lower	Upper
164	100		
166	121.1	104.2	156.2
129	96.1	73.9	110.9
131	82.9	69.4	104.2

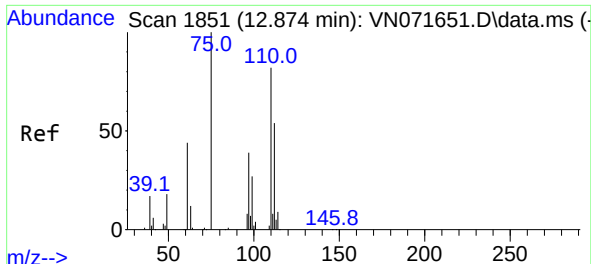


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071838.D
Acq: 04 Apr 2022 17:53

Tgt Ion:152 Resp: 391430

Ion	Ratio	Lower	Upper
152	100		
115	56.7	28.9	86.7
150	159.6	0.0	356.2

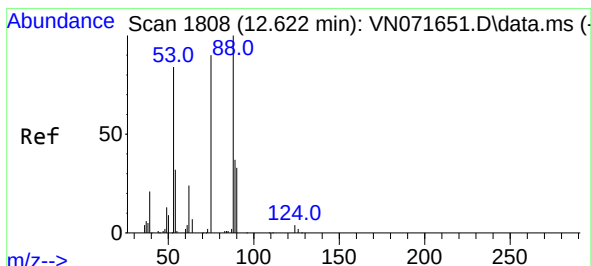
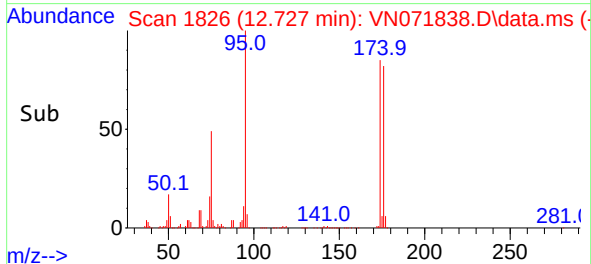
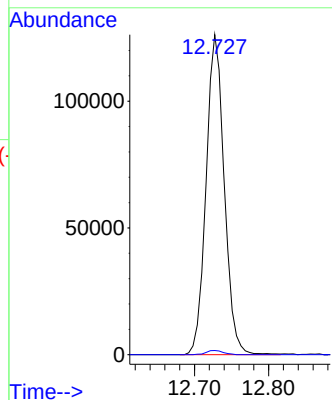
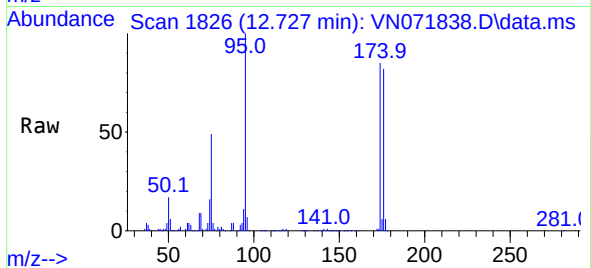




#76
1,2,3-Trichloropropane
Concen: 23.746 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071838.D
Acq: 04 Apr 2022 17:53

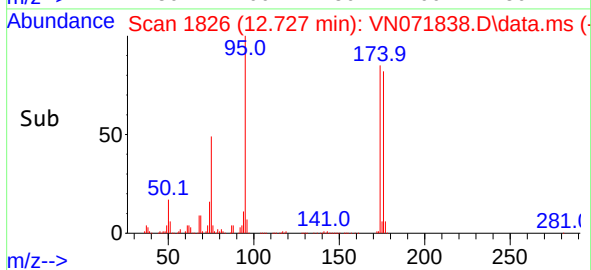
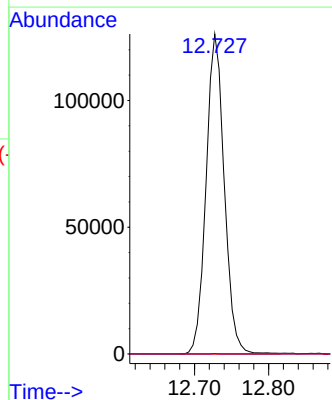
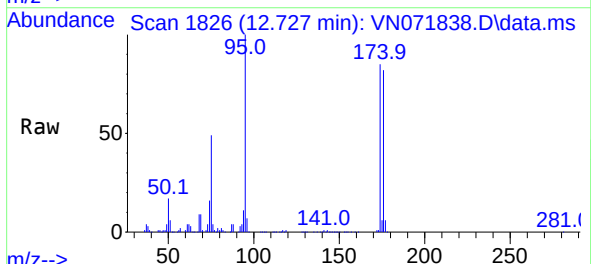
Instrument :
MSVOA_N
ClientSampleId :
MW-29

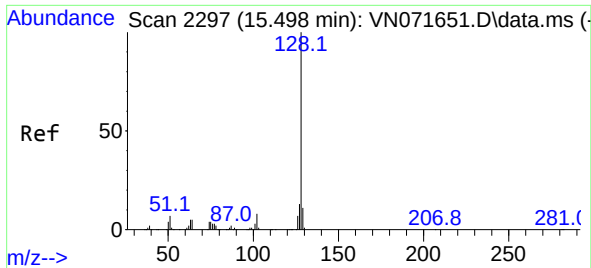
Tgt Ion: 75 Resp: 215323
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.588 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071838.D
Acq: 04 Apr 2022 17:53

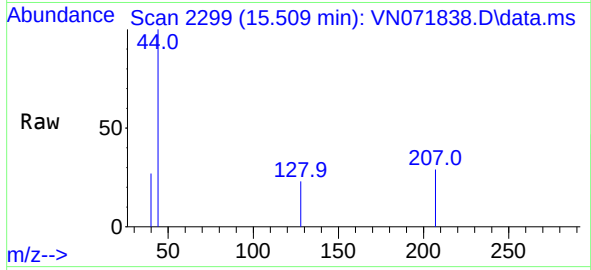
Tgt Ion: 75 Resp: 215323
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#95
Naphthalene
Concen: 3.825 ug/l
RT: 15.509 min Scan# 21
Delta R.T. 0.011 min
Lab File: VN071838.D
Acq: 04 Apr 2022 17:53

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:	128	Resp:	436
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#

